

Data Path : Z:\HPCHEM1\BNA F\DATA\BF090415\
 Data File : BF081472.D
 Acq On : 5 Sep 2015 18:54
 Operator : UM/IZ
 Sample : G3559-05MS
 Misc :
 ALS Vial : 51 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Sep 07 02:51:48 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF090115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Sep 07 02:47:26 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.35	152	53481	20.00	ng	-0.01
21) Naphthalene-d8	7.64	136	194812	20.00	ng	-0.01
38) Acenaphthene-d10	9.39	164	95448	20.00	ng	0.00
63) Phenanthrene-d10	10.86	188	175217	20.00	ng	0.00
75) Chrysene-d12	13.46	240	117360	20.00	ng	0.00
86) Perylene-d12	14.77	264	90296	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	4.90	112	399082	115.78	ng	0.01
7) Phenol-d6	6.03	99	545454	119.55	ng	0.00
23) Nitrobenzene-d5	6.94	82	354555	87.81	ng	-0.01
41) 2,4,6-Tribromophenol	10.18	330	121527	142.99	ng	0.00
44) 2-Fluorobiphenyl	8.73	172	519139	69.70	ng	0.00
78) Terphenyl-d14	12.43	244	423757	84.05	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	1.70	88	44368	28.66	ng	# 88
3) Pyridine	2.24	79	108809	25.49	ng	# 88
4) n-Nitrosodimethylamine	2.20	42	93038	39.23	ng	# 75
6) Aniline	6.02	93	213914	33.20	ng	# 76
8) 2-Chlorophenol	6.15	128	161320	42.47	ng	92
9) Benzaldehyde	5.90	77	16579	5.80	ng	# 78
10) Phenol	6.04	94	216466	40.91	ng	# 48
11) bis(2-Chloroethyl)ether	6.11	93	155028	40.61	ng	88
12) 1,3-Dichlorobenzene	6.30	146	156143	38.47	ng	# 91
13) 1,4-Dichlorobenzene	6.38	146	158157	38.27	ng	# 90
14) 1,2-Dichlorobenzene	6.52	146	138638	37.26	ng	# 86
15) Benzyl Alcohol	6.52	79	150902	40.32	ng	# 70
16) 2,2'-oxybis(1-Chloropropan	6.66	45	317806	43.43	ng	# 4
17) 2-Methylphenol	6.66	107	136659	45.09	ng	# 75
18) Hexachloroethane	6.87	117	60237	37.47	ng	92
19) n-Nitroso-di-n-propylamine	6.81	70	138431	44.58	ng	# 83
20) 3+4-Methylphenols	6.82	107	181875	44.51	ng	88
22) Acetophenone	6.79	105	236918	44.52	ng	# 75
24) Nitrobenzene	6.96	77	196020	46.75	ng	# 63
25) Isophorone	7.21	82	342358	45.58	ng	# 87
26) 2-Nitrophenol	7.28	139	85281	46.66	ng	# 52
27) 2,4-Dimethylphenol	7.35	122	141487	44.82	ng	# 84
28) bis(2-Chloroethoxy)methane	7.43	93	187884	43.31	ng	# 91
29) 2,4-Dichlorophenol	7.53	162	132081	48.25	ng	98
30) 1,2,4-Trichlorobenzene	7.60	180	137081	46.10	ng	97
31) Naphthalene	7.67	128	414797	39.92	ng	98
32) Benzoic acid	7.44	122	8248	6.01	ng	# 42
33) 4-Chloroaniline	7.74	127	145844	34.42	ng	# 81
34) Hexachlorobutadiene	7.79	225	79247	43.79	ng	99
35) Caprolactam	8.12	113	25429	30.29	ng	# 51
36) 4-Chloro-3-methylphenol	8.24	107	155233	50.67	ng	# 69
37) 2-Methylnaphthalene	8.36	142	323938	47.91	ng	# 91
39) 1,2,4,5-Tetrachlorobenzene	8.54	216	120120	39.79	ng	99
40) Hexachlorocyclopentadiene	8.51	237	121412	81.96	ng	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.65	196	92873	44.58	nq	98
43) 2,4,5-Trichlorophenol	8.70	196	88384	41.59	nq #	79
45) 1,1'-Biphenyl	8.83	154	373132	42.49	nq	94
46) 2-Chloronaphthalene	8.84	162	269745	42.54	nq #	89
47) 2-Nitroaniline	8.96	65	120442	46.60	nq #	75
48) Acenaphthylene	9.26	152	463369	41.19	nq	98
49) Dimethylphthalate	9.15	163	540375	72.87	nq #	97
50) 2,6-Dinitrotoluene	9.21	165	67528	40.12	nq	92
51) Acenaphthene	9.43	154	270564	42.27	nq	91
52) 3-Nitroaniline	9.37	138	74111	38.68	nq #	77
53) 2,4-Dinitrophenol	9.47	184	33659	47.48	nq #	1
54) Dibenzofuran	9.60	168	405483	43.39	nq #	91
55) 4-Nitrophenol	9.56	139	108302	89.97	nq #	31
56) 2,4-Dinitrotoluene	9.60	165	82362	38.43	nq #	19
57) Fluorene	9.93	166	292357	41.22	nq	96
58) 2,3,4,6-Tetrachlorophenol	9.72	232	82347	50.75	nq	97
59) Diethylphthalate	9.84	149	333001	42.69	nq	94
60) 4-Chlorophenyl-phenylether	9.94	204	147293	44.56	nq	95
61) 4-Nitroaniline	9.98	138	69426	35.86	nq #	22
62) Azobenzene	10.09	77	356985	41.16	nq #	81
64) 4,6-Dinitro-2-methylphenol	10.01	198	44536	45.44	nq	82
65) n-Nitrosodiphenylamine	10.06	169	263141	41.27	nq	91
66) 4-Bromophenyl-phenylether	10.42	248	83819	47.31	nq	93
67) Hexachlorobenzene	10.48	284	84529	45.63	nq #	75
68) Atrazine	10.60	200	89733	48.63	nq	84
69) Pentachlorophenol	10.67	266	80139	87.90	nq	99
70) Phenanthrene	10.88	178	434438	44.60	nq	97
71) Anthracene	10.93	178	401799	40.15	nq	97
72) Carbazole	11.10	167	442662	47.14	nq	96
73) Di-n-butylphthalate	11.45	149	525309	47.37	nq #	98
74) Fluoranthene	12.05	202	393160	37.28	nq	91
76) Benzidine	12.19	184	192647	38.24	nq	97
77) Pyrene	12.27	202	472927	54.40	nq	98
79) Butylbenzylphthalate	12.93	149	194791	51.52	nq	99
80) Benzo(a)anthracene	13.45	228	332984	44.55	nq	97
81) 3,3'-Dichlorobenzidine	13.43	252	86232	34.20	nq #	94
82) Chrysene	13.49	228	253123	37.78	nq	94
83) Bis(2-ethylhexyl)phthalate	13.49	149	225129	45.12	nq #	89
84) Di-n-octyl phthalate	14.09	149	334627	40.73	nq	96
85) Indeno(1,2,3-cd)pyrene	15.84	276	277434	56.44	nq #	85
87) Benzo(b)fluoranthene	14.47	252	505368	78.39	nq #	83
88) Benzo(k)fluoranthene	14.47	252	505368	94.48	nq #	84
89) Benzo(a)pyrene	14.72	252	242518	44.40	nq #	86
90) Dibenzo(a,h)anthracene	15.85	278	227905	53.99	nq #	81
91) Benzo(g,h,i)perylene	16.16	276	235696	58.50	nq #	74

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

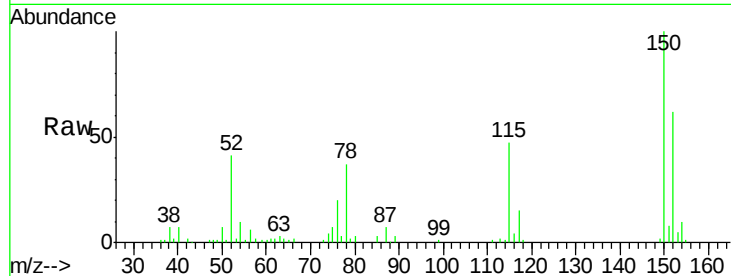


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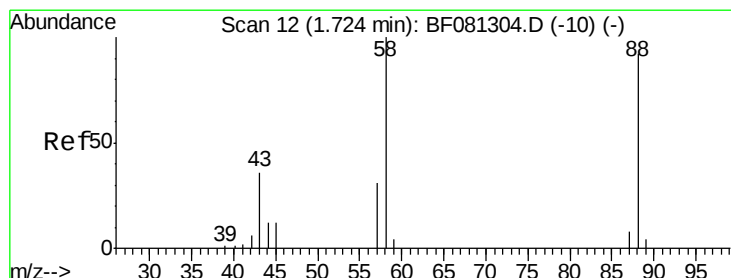
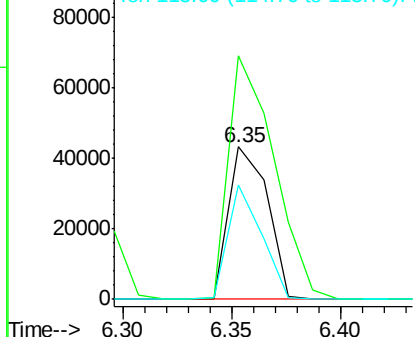
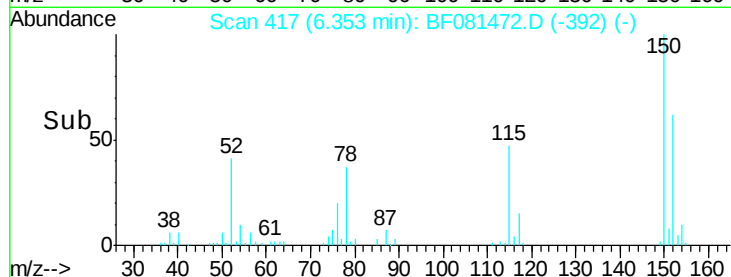
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.35 min Scan# 417
Delta R.T. -0.01 min
Lab File: BF081472.D
Acq: 5 Sep 2015 18:54

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 53481
Ion Ratio Lower Upper
152 100
150 160.0 124.7 187.1
115 75.0 39.0 58.4#



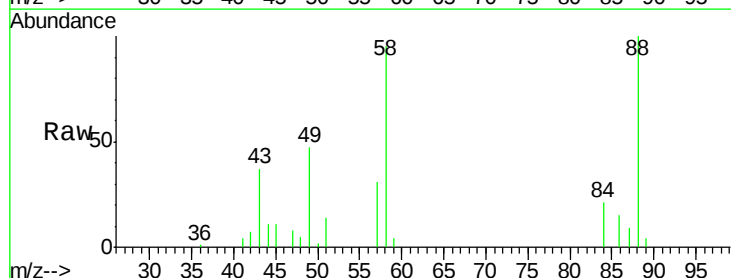
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



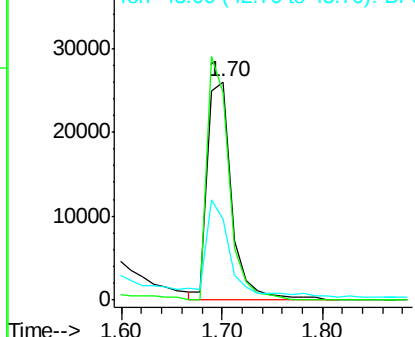
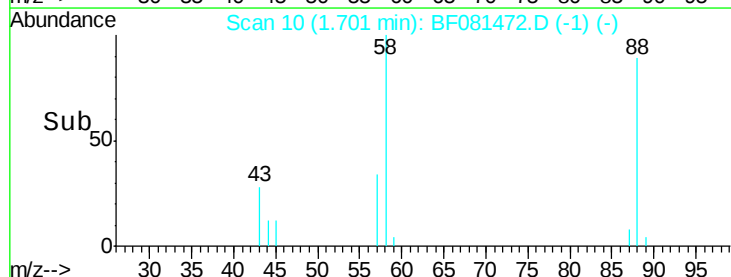
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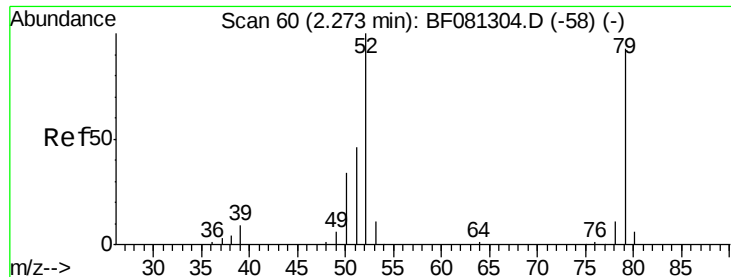
1,4-Dioxane
Concen: 28.66 ng
RT: 1.70 min Scan# 10
Delta R.T. 0.03 min
Lab File: BF081472.D
Acq: 5 Sep 2015 18:54

Tgt Ion: 88 Resp: 44368
Ion Ratio Lower Upper
88 100
58 98.9 77.7 116.5
43 57.3 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: 25.49 ng

RT: 2.24 min Scan# 57

Delta R.T. 0.03 min

Lab File: BF081472.D

Acq: 5 Sep 2015 18:54

Instrument :

BNA_F

ClientSampleId :

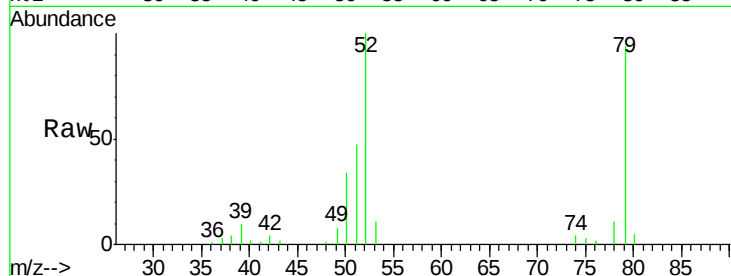
Tot Ion: 79 Resp: 108809

Ion Ratio Lower Upper

79 100

52 106.4 76.8 115.2

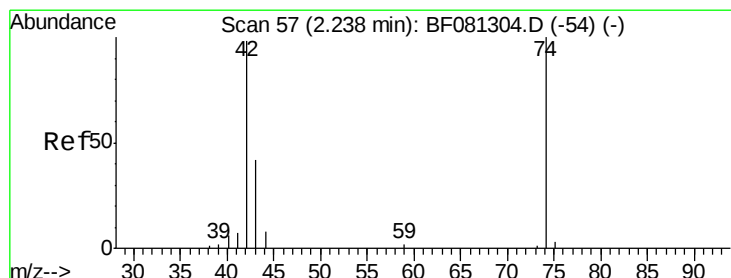
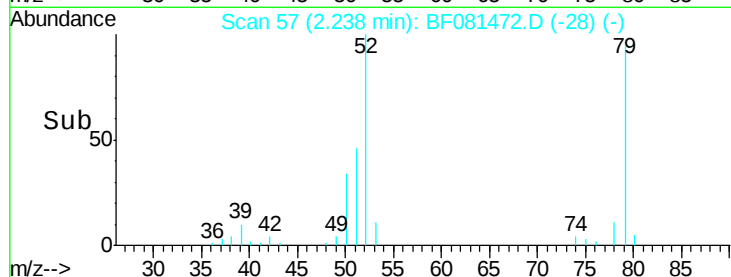
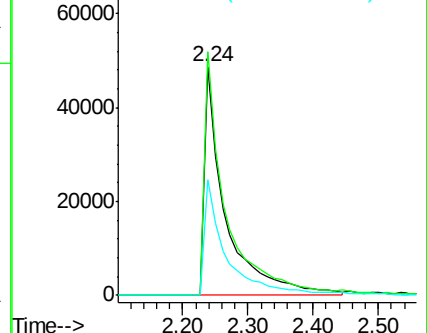
51 50.4 32.2 48.4#



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: 39.23 ng

RT: 2.20 min Scan# 54

Delta R.T. 0.02 min

Lab File: BF081472.D

Acq: 5 Sep 2015 18:54

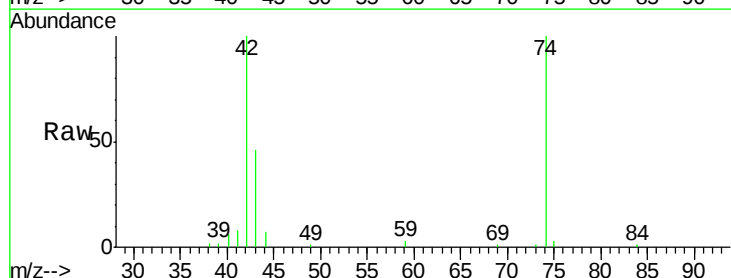
Tgt Ion: 42 Resp: 93038

Ion Ratio Lower Upper

42 100

74 100.2 105.0 157.6#

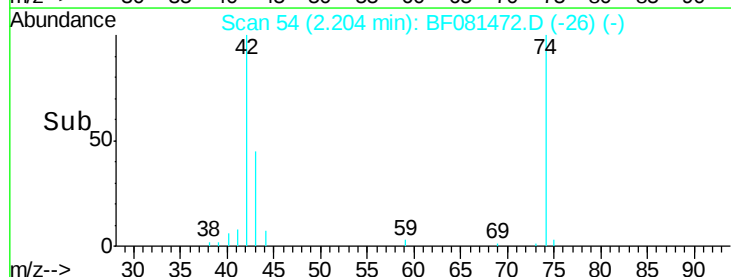
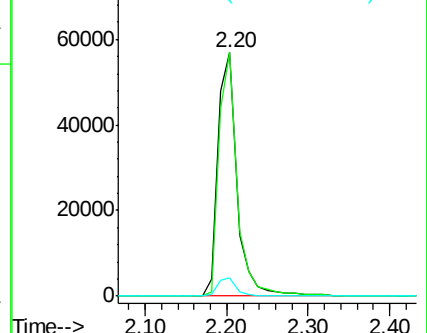
44 7.4 6.6 10.0



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: 115.78 ng

RT: 4.90 min Scan# 290

Delta R.T. 0.01 min

Lab File: BF081472.D

Acq: 5 Sep 2015 18:54

Instrument :

BNA_F

ClientSampled :

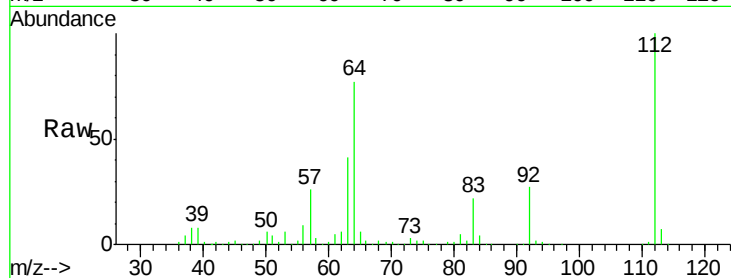
Tot Ion:112 Resp: 399082

Ion Ratio Lower Upper

112 100

64 77.1 39.7 59.5#

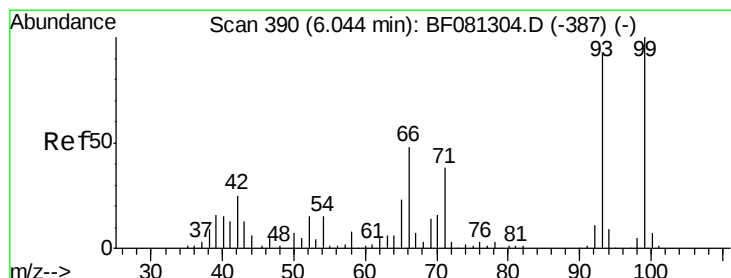
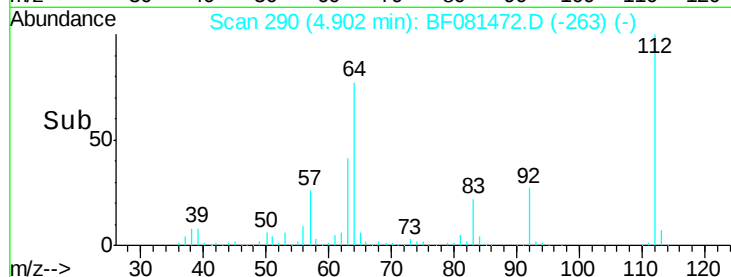
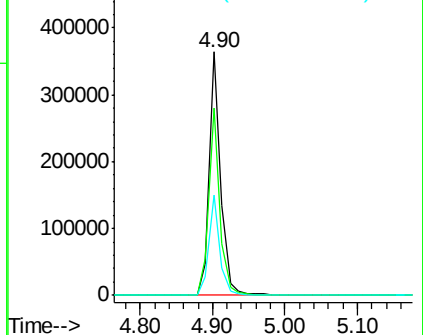
63 41.0 17.4 26.0#



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 33.20 ng

RT: 6.02 min Scan# 388

Delta R.T. 0.00 min

Lab File: BF081472.D

Acq: 5 Sep 2015 18:54

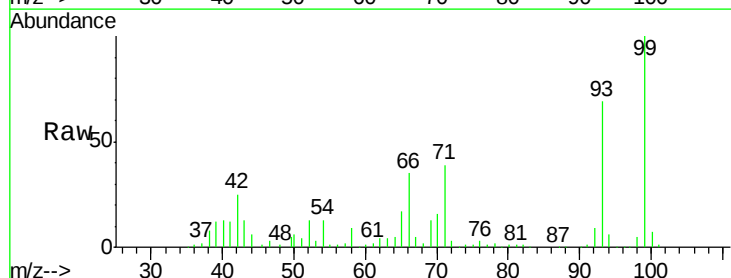
Tgt Ion: 93 Resp: 213914

Ion Ratio Lower Upper

93 100

66 51.2 27.2 40.8#

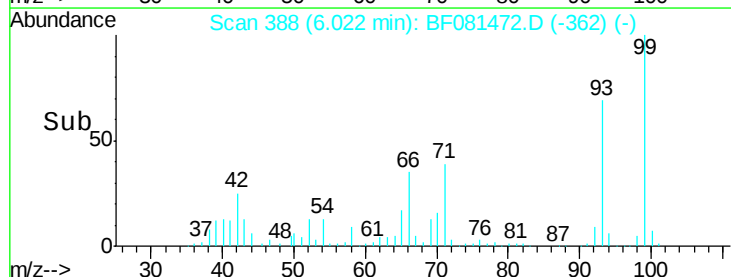
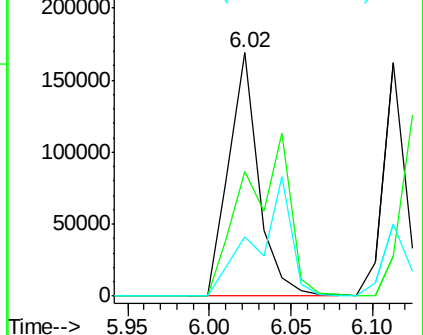
65 24.2 14.7 22.1#



Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 119.55 ng

RT: 6.03 min Scan# 389

Delta R.T. 0.00 min

Lab File: BF081472.D

Acq: 5 Sep 2015 18:54

Instrument :

BNA_F

ClientSampleId :

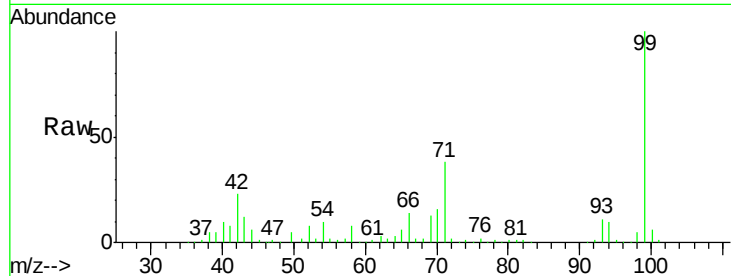
Tot Ion: 99 Resp: 545454

Ion Ratio Lower Upper

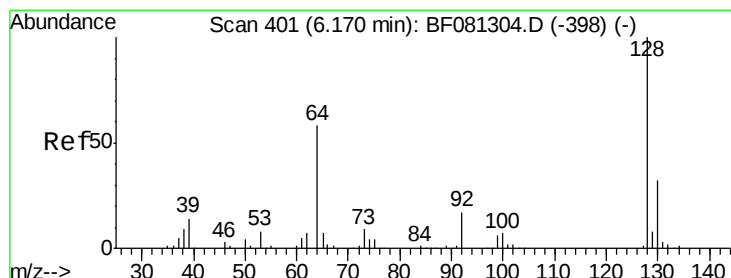
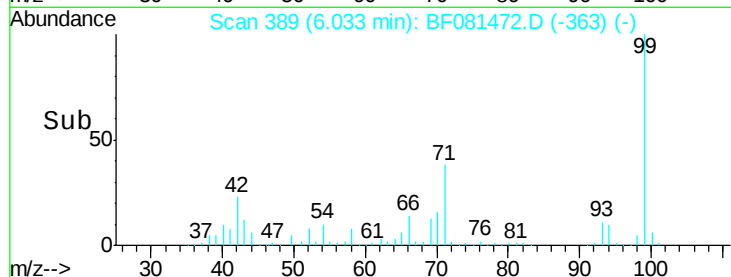
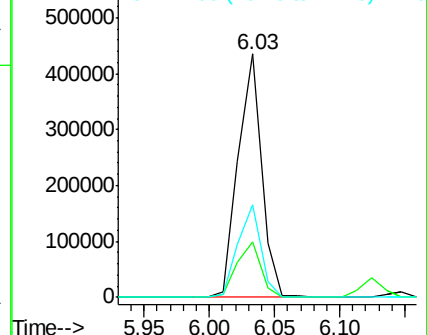
99 100

42 22.6 13.7 20.5#

71 38.2 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: 42.47 ng

RT: 6.15 min Scan# 399

Delta R.T. 0.00 min

Lab File: BF081472.D

Acq: 5 Sep 2015 18:54

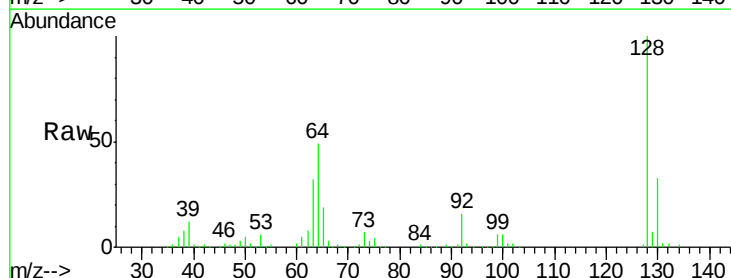
Tgt Ion: 128 Resp: 161320

Ion Ratio Lower Upper

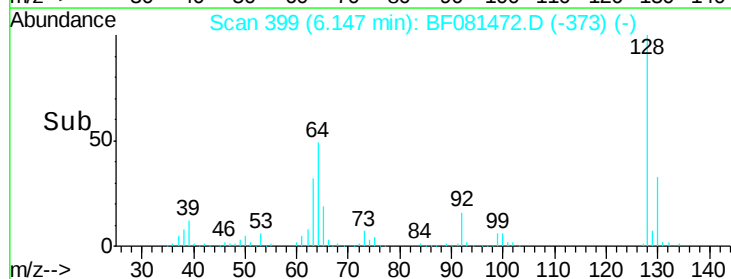
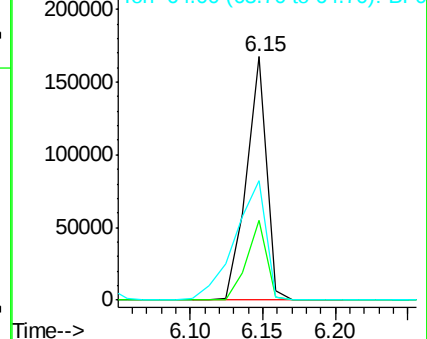
128 100

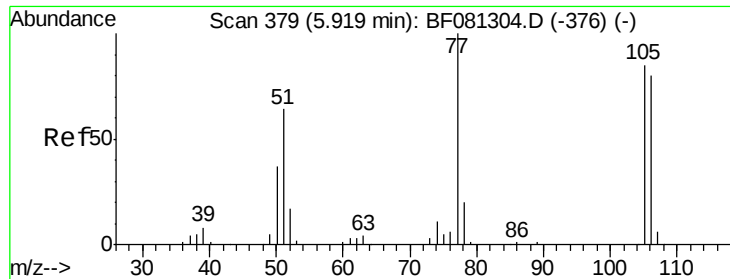
130 32.7 12.2 52.2

64 49.3 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

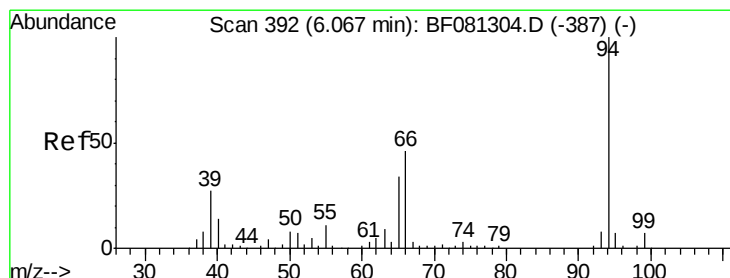
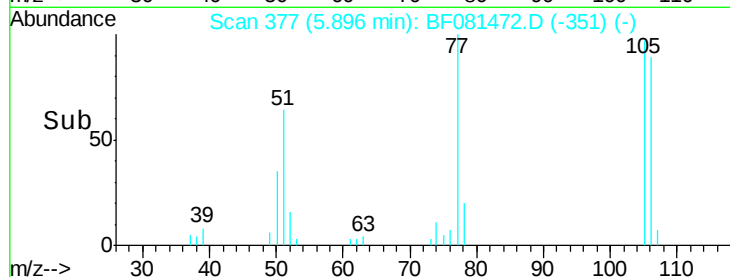
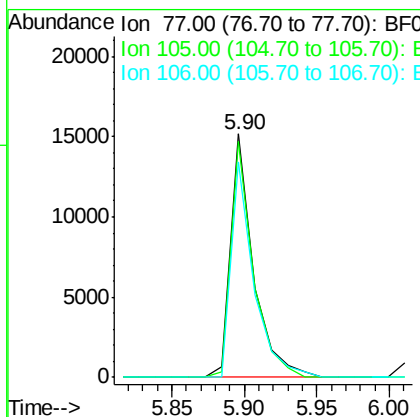
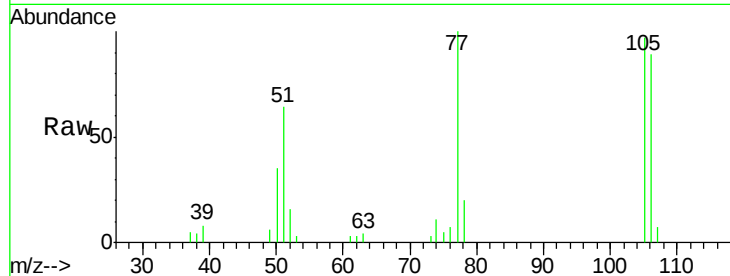




#9
Benzaldehyde
Concen: 5.80 ng
RT: 5.90 min Scan# 377
Delta R.T. 0.00 min
Lab File: BF081472.D
Acq: 5 Sep 2015 18:54

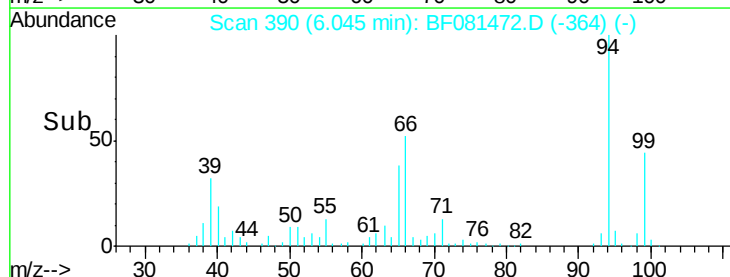
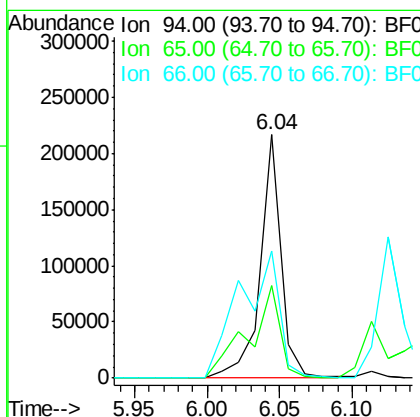
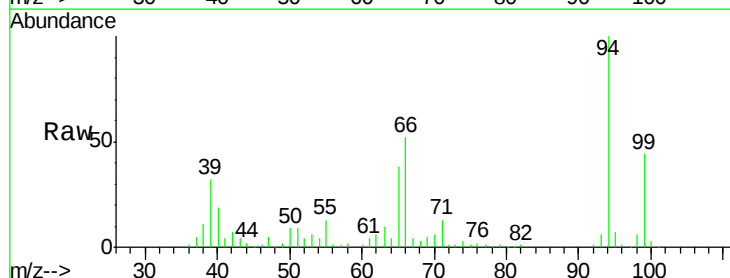
Instrument :
BNA_F
ClientSampleId :

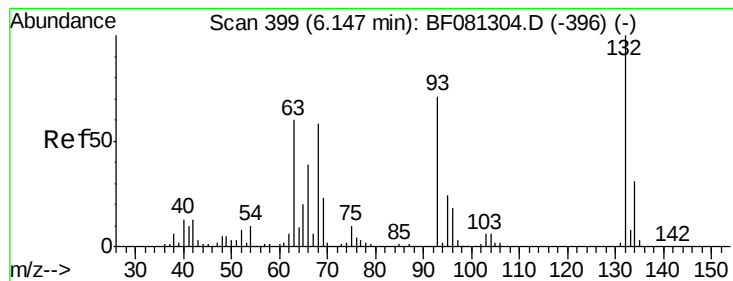
Tot Ion: 77 Resp: 16579
Ion Ratio Lower Upper
77 100
105 97.0 91.6 131.6
106 88.7 102.6 142.6#



#10
Phenol
Concen: 40.91 ng
RT: 6.04 min Scan# 390
Delta R.T. 0.00 min
Lab File: BF081472.D
Acq: 5 Sep 2015 18:54

Tgt Ion: 94 Resp: 216466
Ion Ratio Lower Upper
94 100
65 38.1 0.7 40.7
66 52.1 0.8 40.8#

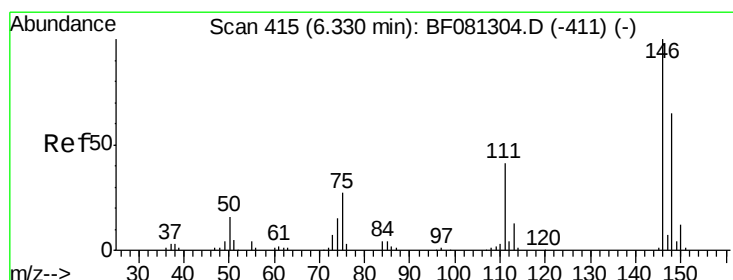
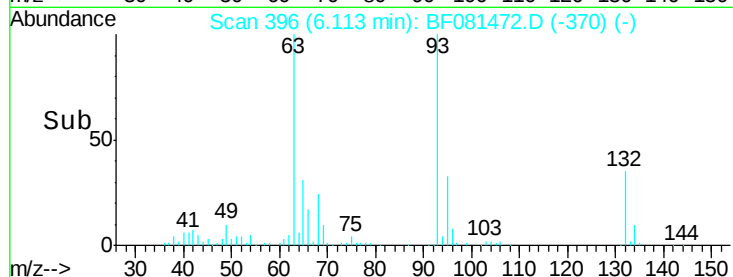
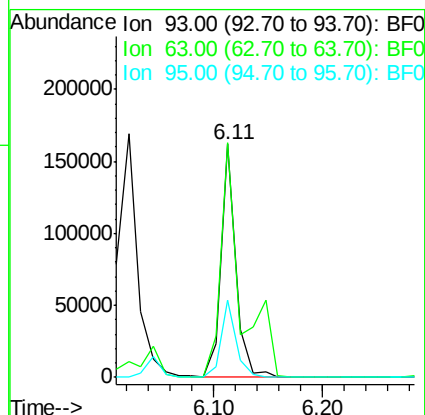
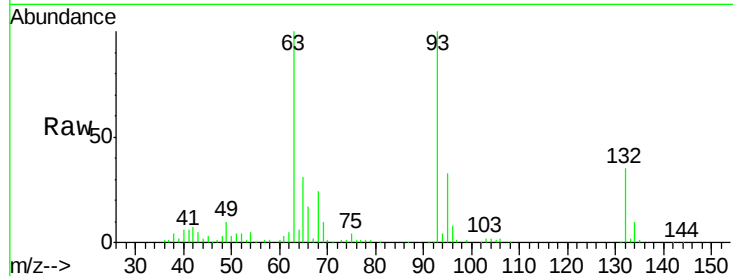




#11
bis(2-Chloroethyl)ether
Concen: 40.61 ng
RT: 6.11 min Scan# 396
Delta R.T. 0.00 min
Lab File: BF081472.D
Acq: 5 Sep 2015 18:54

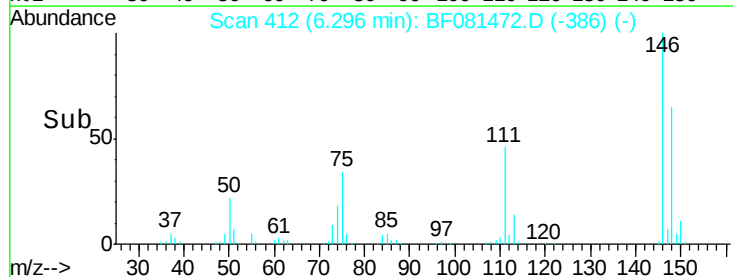
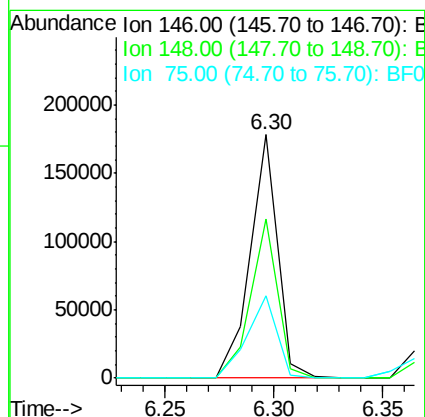
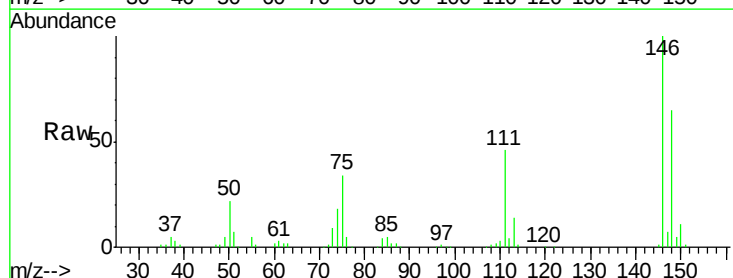
Instrument :
BNA_F
ClientSampleId :

Tot Ion: 93 Resp: 155028
Ion Ratio Lower Upper
93 100
63 100.4 65.6 105.6
95 32.9 13.6 53.6



#12
1,3-Dichlorobenzene
Concen: 38.47 ng
RT: 6.30 min Scan# 412
Delta R.T. 0.00 min
Lab File: BF081472.D
Acq: 5 Sep 2015 18:54

Tgt Ion: 146 Resp: 156143
Ion Ratio Lower Upper
146 100
148 65.2 51.0 76.4
75 33.6 15.0 22.6#

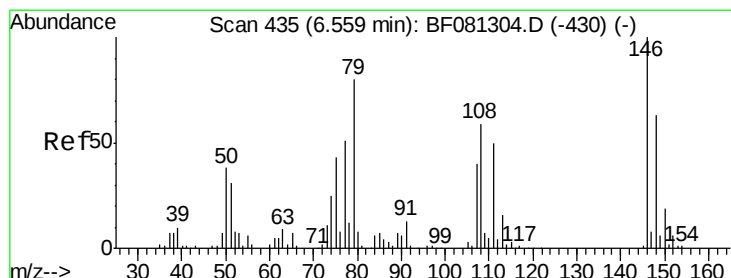
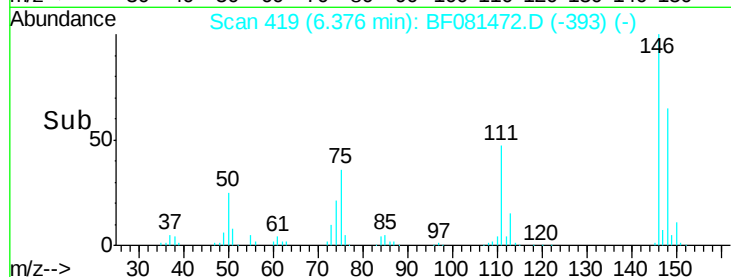
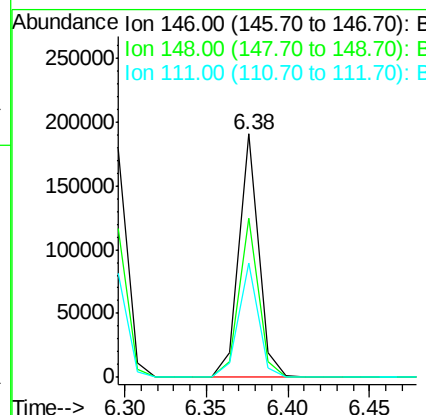
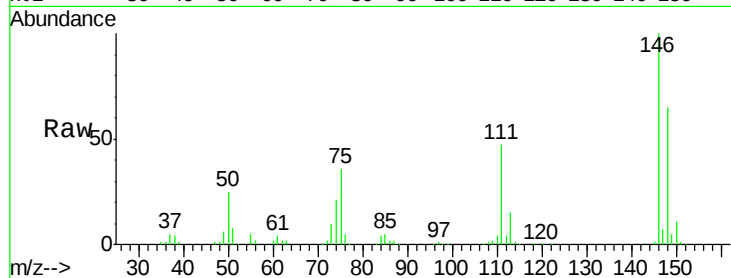




#13
 1,4-Dichlorobenzene
 Concen: 38.27 ng
 RT: 6.38 min Scan# 419
 Delta R.T. 0.00 min
 Lab File: BF081472.D
 Acq: 5 Sep 2015 18:54

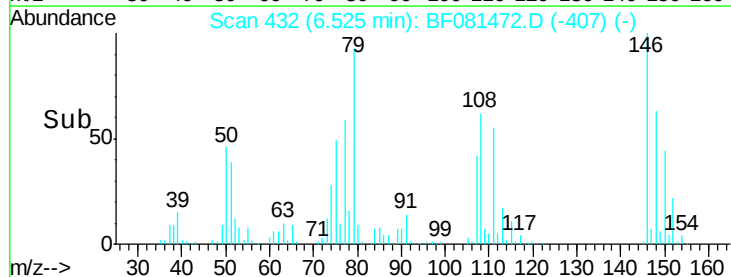
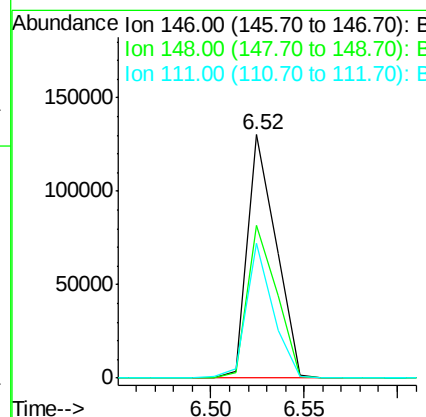
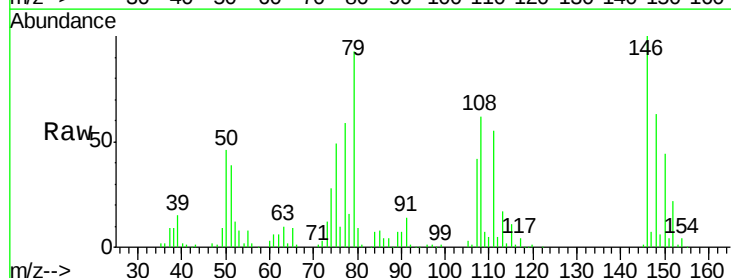
Instrument :
 BNA_F
 ClientSampleId :

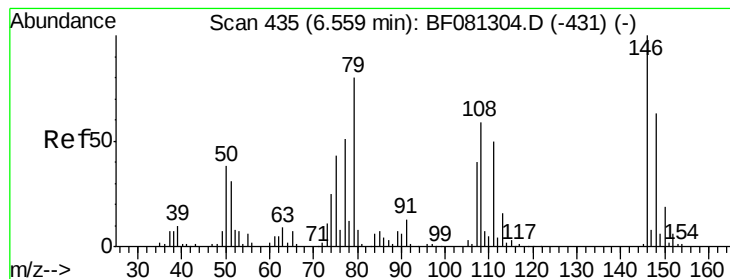
Tot Ion:146 Resp: 158157
 Ion Ratio Lower Upper
 146 100
 148 65.1 51.8 77.6
 111 46.9 24.9 37.3#



#14
 1,2-Dichlorobenzene
 Concen: 37.26 ng
 RT: 6.52 min Scan# 432
 Delta R.T. -0.01 min
 Lab File: BF081472.D
 Acq: 5 Sep 2015 18:54

Tgt Ion:146 Resp: 138638
 Ion Ratio Lower Upper
 146 100
 148 62.6 52.7 79.1
 111 55.3 28.8 43.2#





#15

Benzyl Alcohol

Concen: 40.32 ng

RT: 6.52 min Scan# 432

Delta R.T. 0.00 min

Lab File: BF081472.D

Acq: 5 Sep 2015 18:54

Instrument :

BNA_F

ClientSampleId :

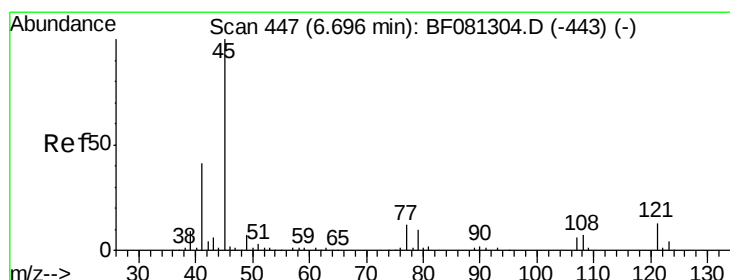
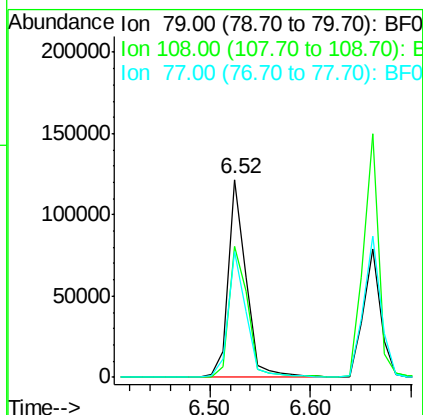
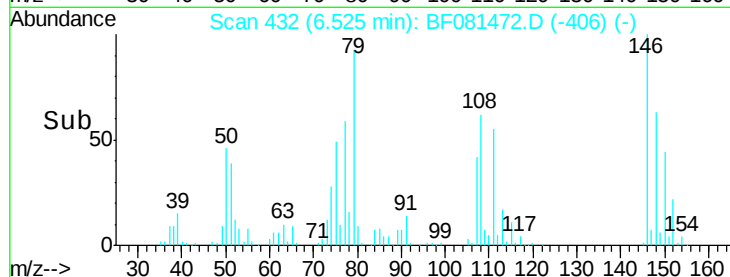
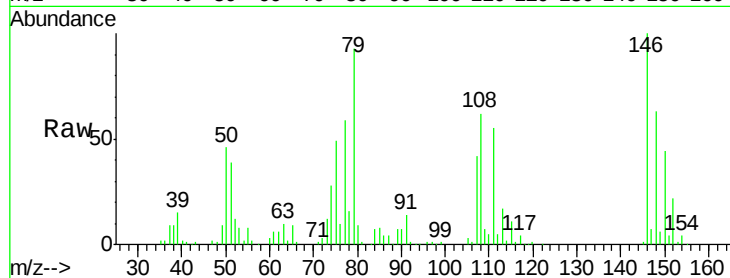
Tot Ion: 79 Resp: 150902

Ion Ratio Lower Upper

79 100

108 66.3 88.6 132.8#

77 63.5 47.0 70.4



#16

2,2'-oxybis(1-chloropropane)

Concen: 43.43 ng

RT: 6.66 min Scan# 444

Delta R.T. -0.01 min

Lab File: BF081472.D

Acq: 5 Sep 2015 18:54

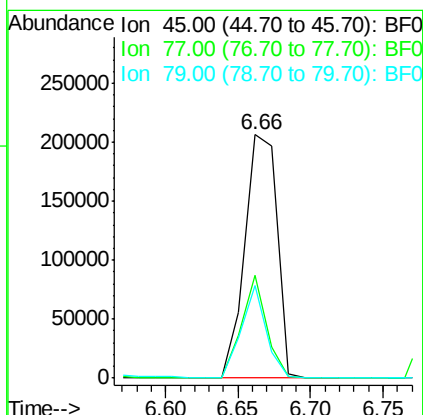
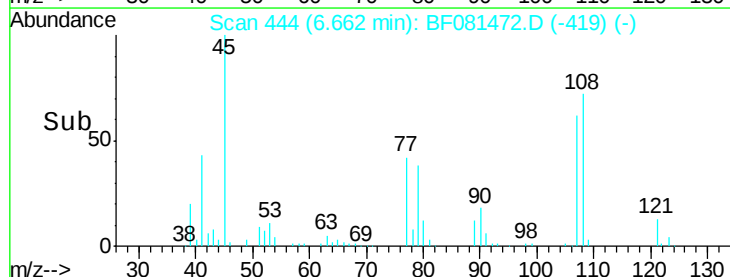
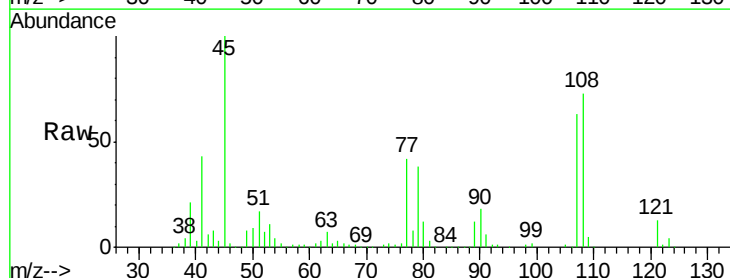
Tgt Ion: 45 Resp: 317806

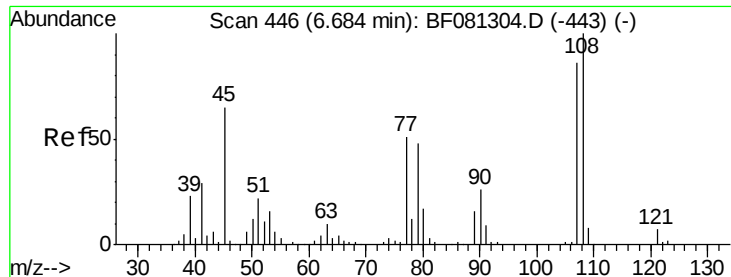
Ion Ratio Lower Upper

45 100

77 42.1 0.0 28.1#

79 38.2 0.0 26.0#

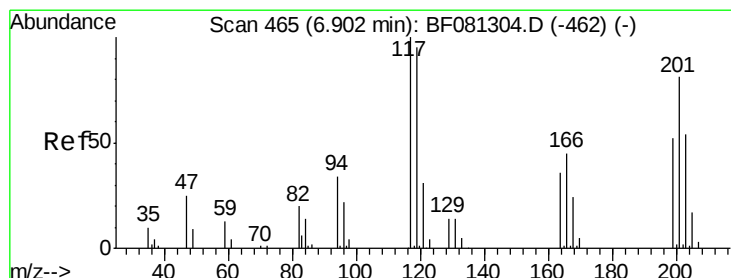
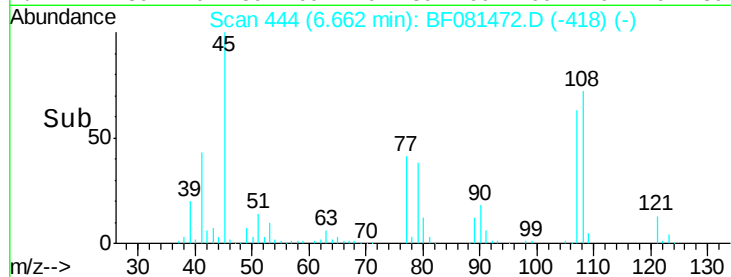
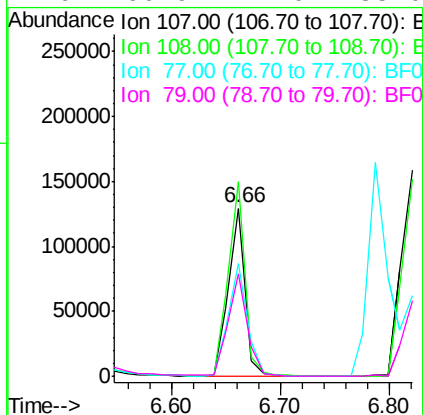
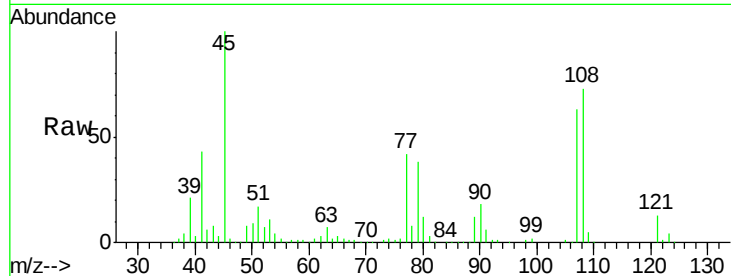




#17
 2-Methylphenol
 Concen: 45.09 ng
 RT: 6.66 min Scan# 444
 Delta R.T. 0.00 min
 Lab File: BF081472.D
 Acq: 5 Sep 2015 18:54

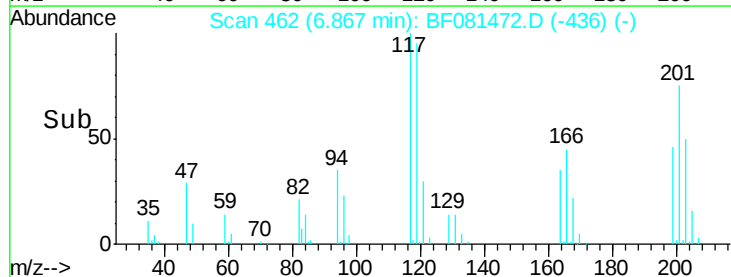
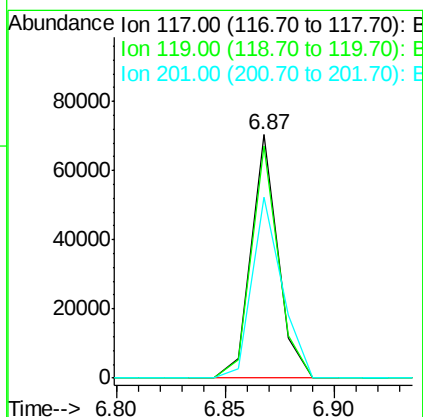
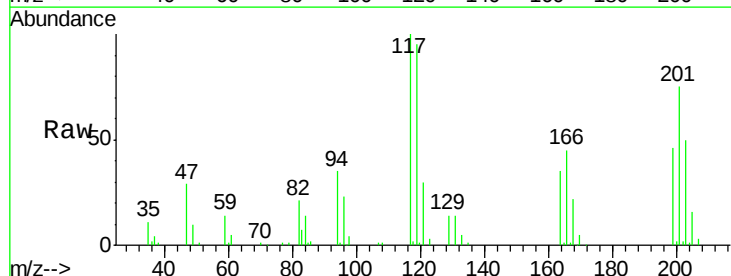
Instrument :
 BNA_F
 ClientSampled :

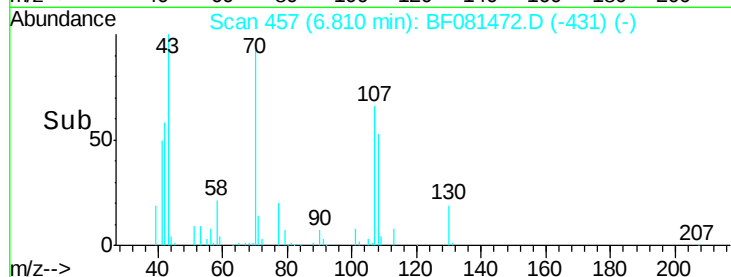
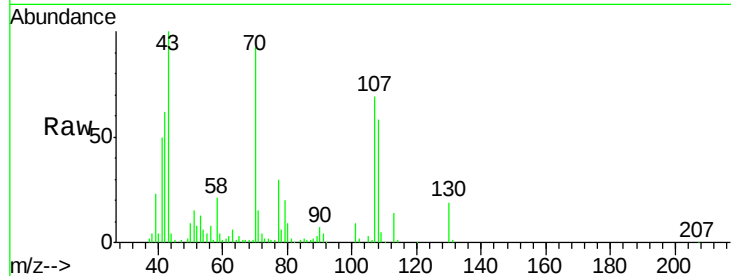
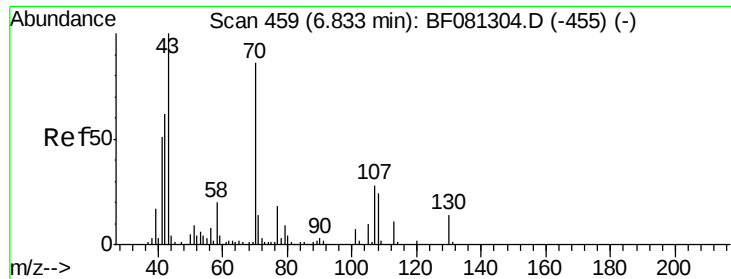
Tot Ion:	107	Resp:	136659
Ion	Ratio	Lower	Upper
107	100		
108	115.9	96.6	145.0
77	67.3	23.3	34.9#
79	60.9	22.0	33.0#



#18
 Hexachloroethane
 Concen: 37.47 ng
 RT: 6.87 min Scan# 462
 Delta R.T. 0.00 min
 Lab File: BF081472.D
 Acq: 5 Sep 2015 18:54

Tgt Ion:	117	Resp:	60237
Ion	Ratio	Lower	Upper
117	100		
119	95.4	83.8	125.6
201	74.5	55.1	82.7

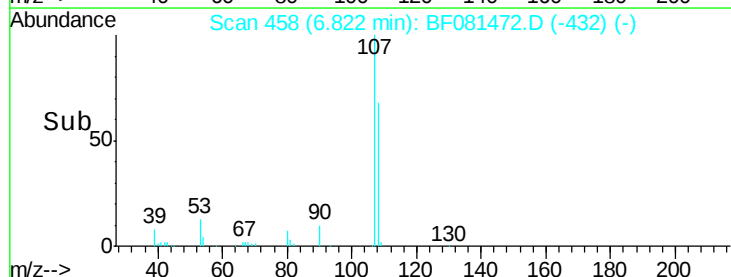
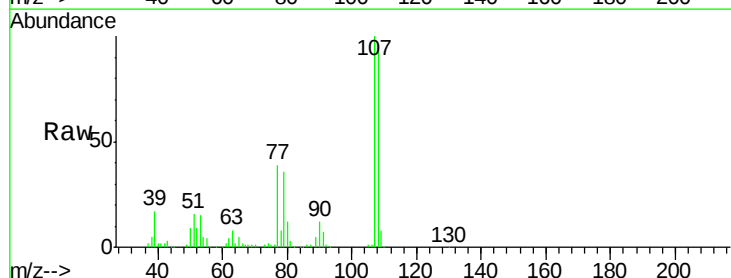
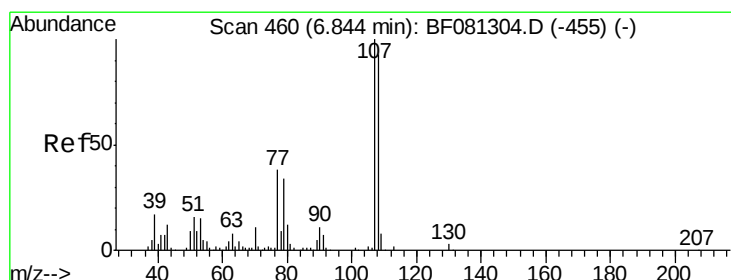
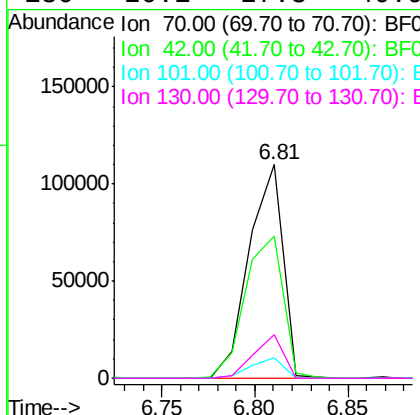




#19
n-Nitroso-di-n-propylamine
Concen: 44.58 ng
RT: 6.81 min Scan# 457
Delta R.T. 0.00 min
Lab File: BF081472.D
Acq: 5 Sep 2015 18:54

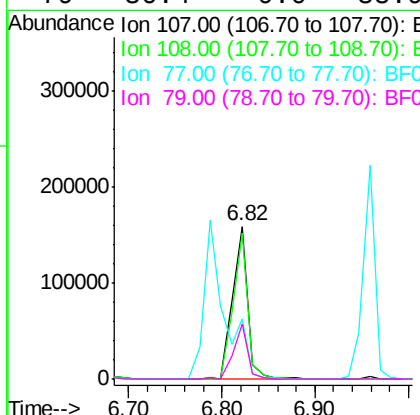
Instrument :
BNA_F
ClientSampleId :

Tot Ion: 70 Resp: 138431
Ion Ratio Lower Upper
70 100
42 66.5 63.8 95.6
101 9.5 9.2 13.8
130 20.1 27.3 40.9#



#20
3+4-Methylphenols
Concen: 44.51 ng
RT: 6.82 min Scan# 458
Delta R.T. 0.00 min
Lab File: BF081472.D
Acq: 5 Sep 2015 18:54

Tgt Ion:107 Resp: 181875
Ion Ratio Lower Upper
107 100
108 95.5 74.6 114.6
77 39.1 0.7 40.7
79 36.4 0.0 38.9





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.64 min Scan# 530

Delta R.T. -0.01 min

Lab File: BF081472.D

Acq: 5 Sep 2015 18:54

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 194812

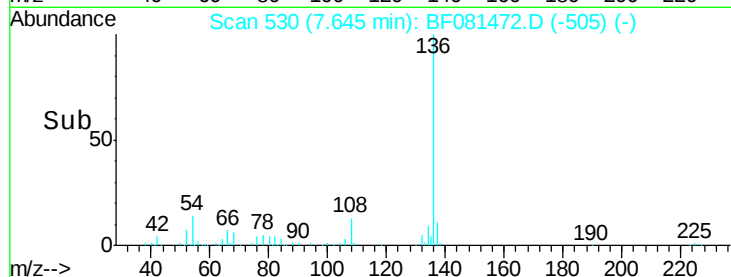
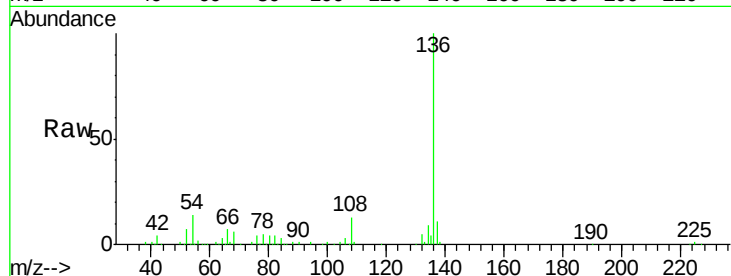
Ion Ratio Lower Upper

136 100

137 11.1 9.0 13.6

54 14.0 8.2 12.2#

68 6.2 5.8 8.6

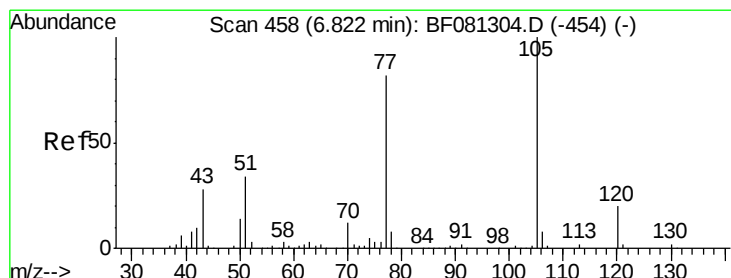
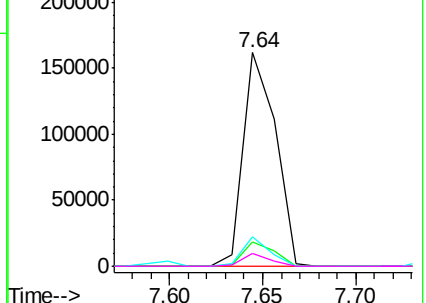


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 44.52 ng

RT: 6.79 min Scan# 455

Delta R.T. -0.01 min

Lab File: BF081472.D

Acq: 5 Sep 2015 18:54

Tgt Ion:105 Resp: 236918

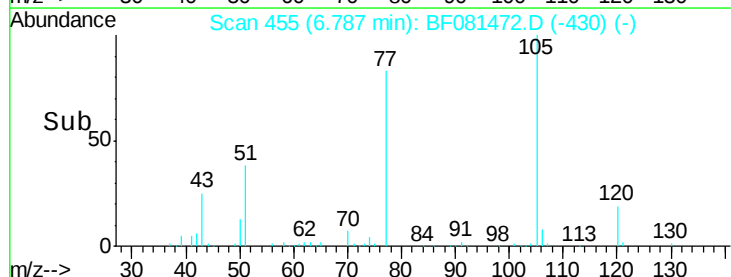
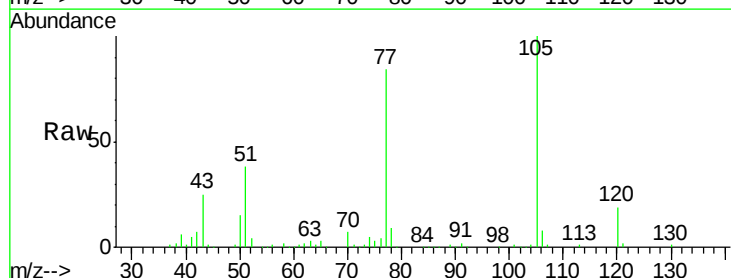
Ion Ratio Lower Upper

105 100

71 1.2 4.7 7.1#

51 38.2 22.0 33.0#

120 19.2 30.1 45.1#

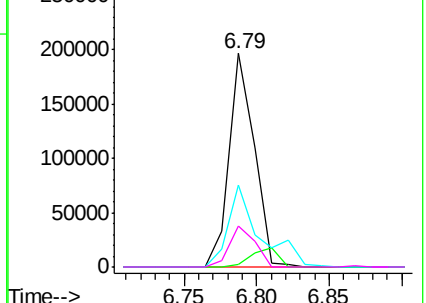


Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E

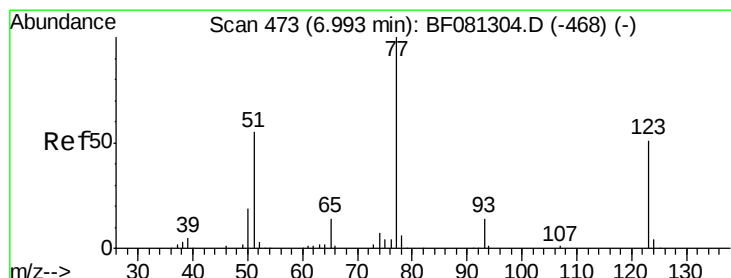
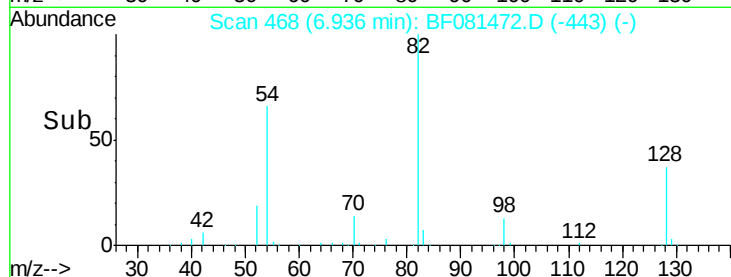
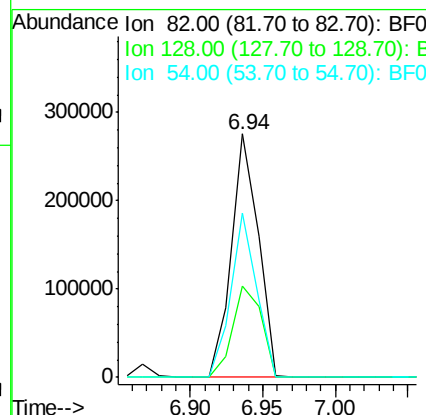
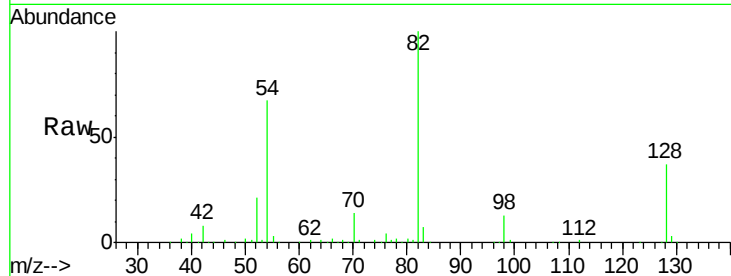




#23
 Nitrobenzene-d5
 Concen: 87.81 ng
 RT: 6.94 min Scan# 468
 Delta R.T. -0.01 min
 Lab File: BF081472.D
 Acq: 5 Sep 2015 18:54

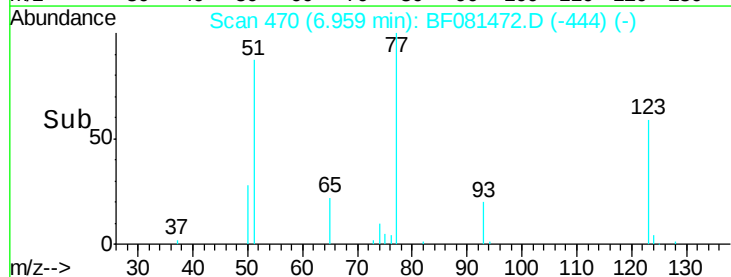
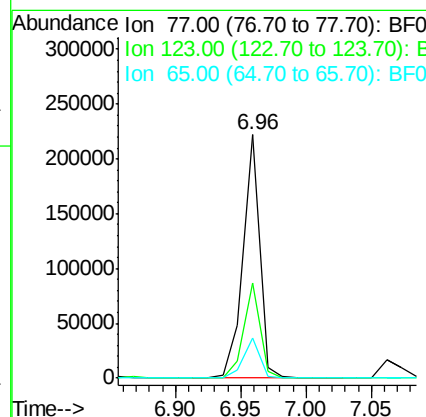
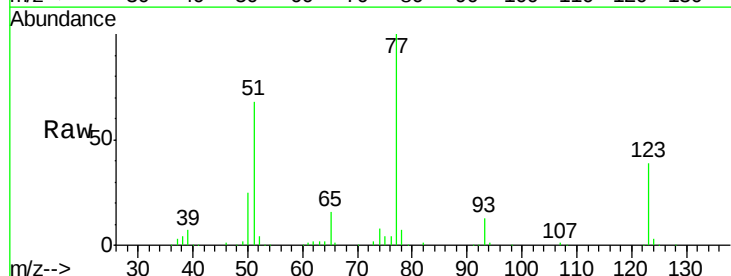
Instrument :
 BNA_F
 ClientSampleId :

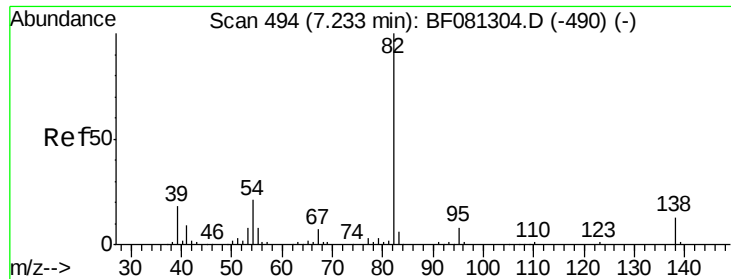
Tot Ion	82	Resp	354555
Ion Ratio	100	Lower	Upper
128	37.3	51.0	76.6#
54	67.2	47.5	71.3



#24
 Nitrobenzene
 Concen: 46.75 ng
 RT: 6.96 min Scan# 470
 Delta R.T. 0.00 min
 Lab File: BF081472.D
 Acq: 5 Sep 2015 18:54

Tgt Ion	77	Resp	196020
Ion Ratio	100	Lower	Upper
123	39.3	59.8	89.8#
65	16.3	10.2	15.4#





#25

Isophorone

Concen: 45.58 ng

RT: 7.21 min Scan# 492

Delta R.T. 0.00 min

Lab File: BF081472.D

Acq: 5 Sep 2015 18:54

Instrument :

BNA_F

ClientSampleId :

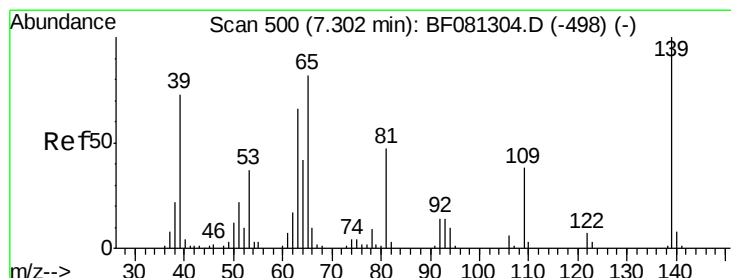
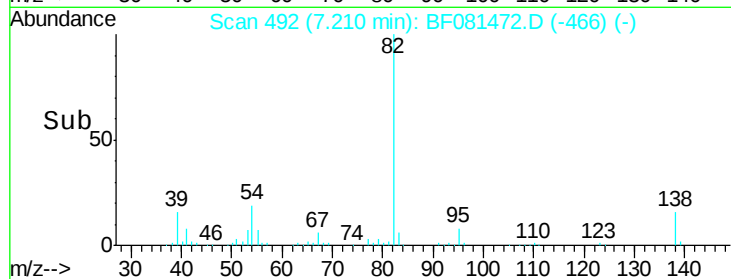
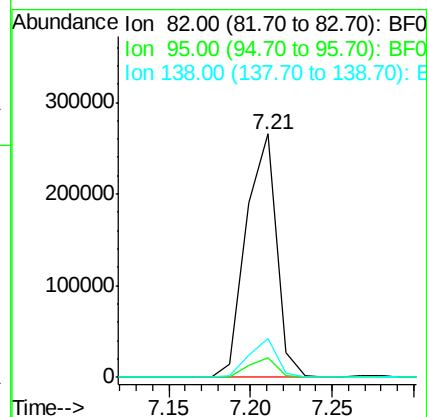
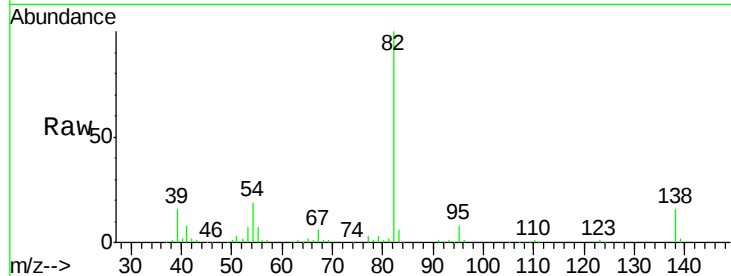
Tot Ion: 82 Resp: 342358

Ion Ratio Lower Upper

82 100

95 8.0 4.0 6.0#

138 16.1 18.3 27.5#



#26

2-Nitrophenol

Concen: 46.66 ng

RT: 7.28 min Scan# 498

Delta R.T. 0.00 min

Lab File: BF081472.D

Acq: 5 Sep 2015 18:54

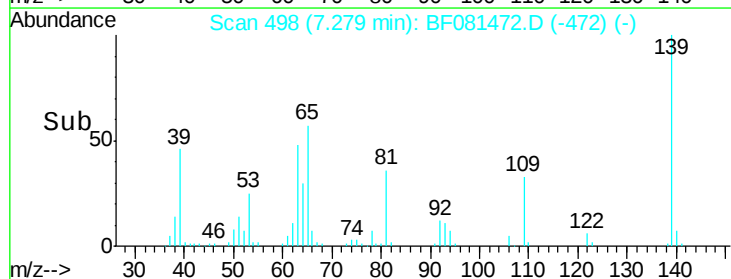
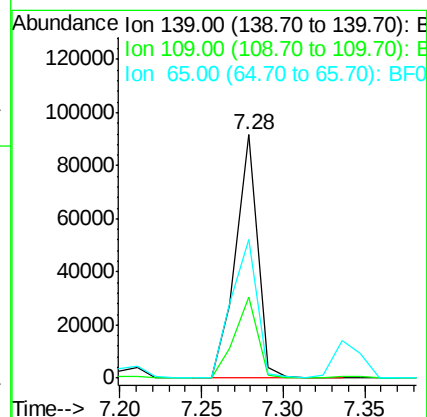
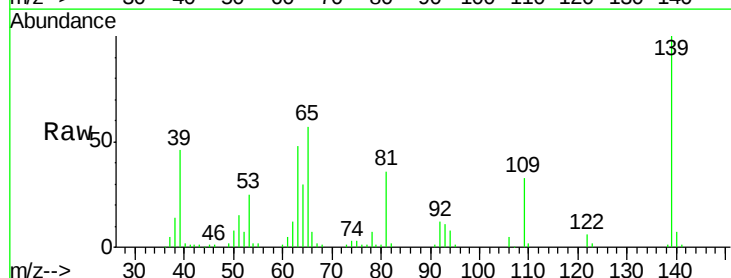
Tgt Ion: 139 Resp: 85281

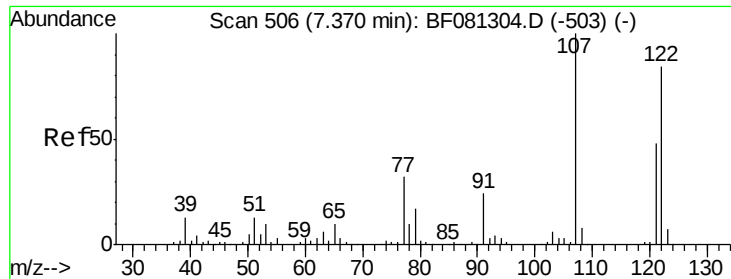
Ion Ratio Lower Upper

139 100

109 33.4 11.0 16.4#

65 56.8 24.7 37.1#

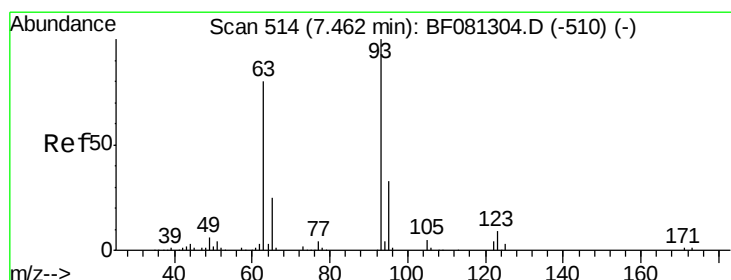
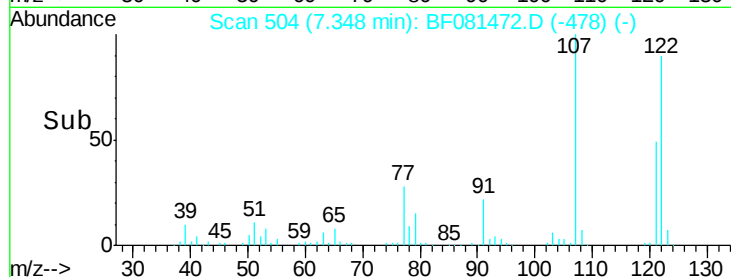
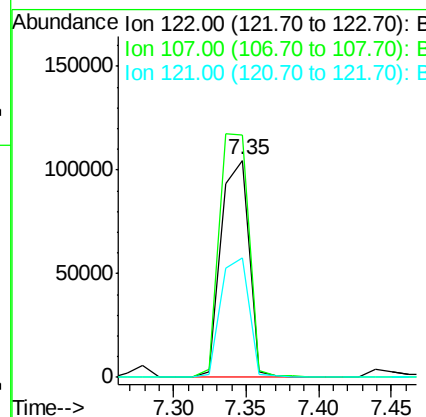
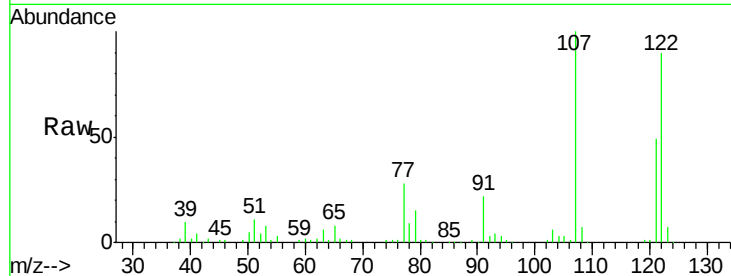




#27
 2,4-Dimethylphenol
 Concen: 44.82 ng
 RT: 7.35 min Scan# 504
 Delta R.T. 0.00 min
 Lab File: BF081472.D
 Acq: 5 Sep 2015 18:54

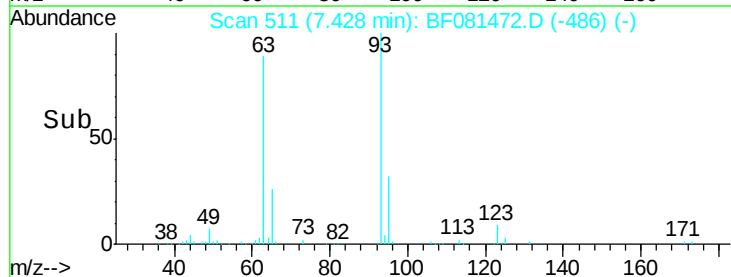
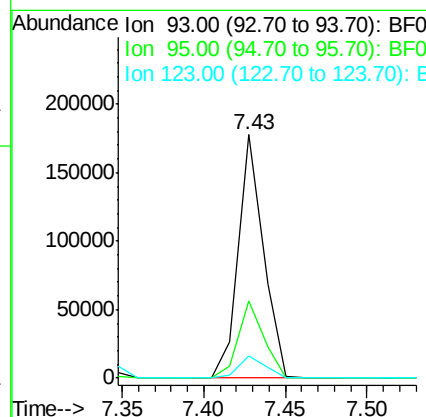
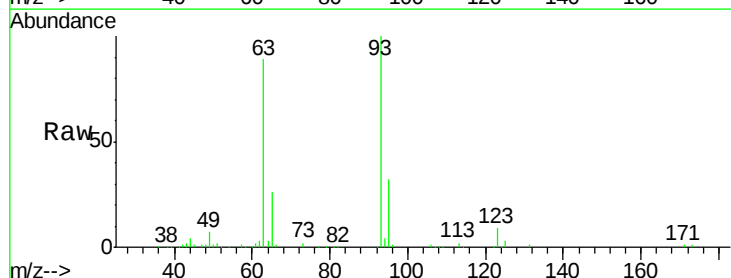
Instrument :
 BNA_F
 ClientSampleId :

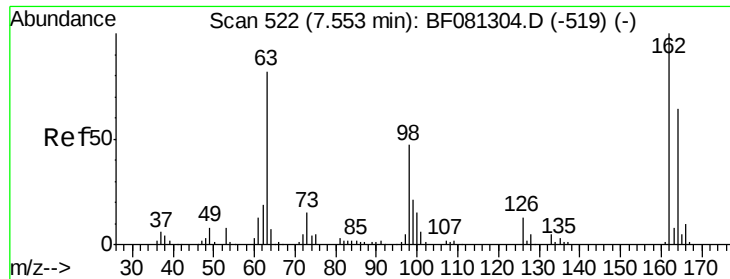
Tot Ion:122 Resp: 141487
 Ion Ratio Lower Upper
 122 100
 107 111.6 71.8 107.6#
 121 54.9 42.3 63.5



#28
 bis(2-Chloroethoxy)methane
 Concen: 43.31 ng
 RT: 7.43 min Scan# 511
 Delta R.T. -0.01 min
 Lab File: BF081472.D
 Acq: 5 Sep 2015 18:54

Tgt Ion: 93 Resp: 187884
 Ion Ratio Lower Upper
 93 100
 95 31.9 27.5 41.3
 123 9.0 13.7 20.5#

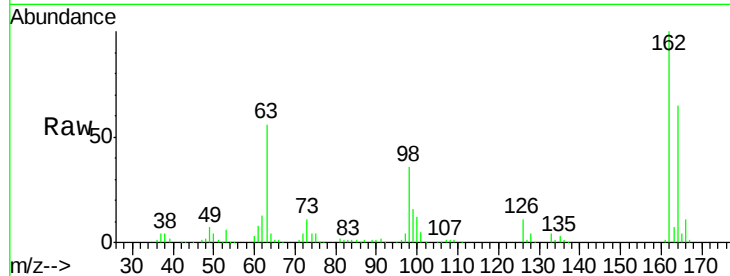




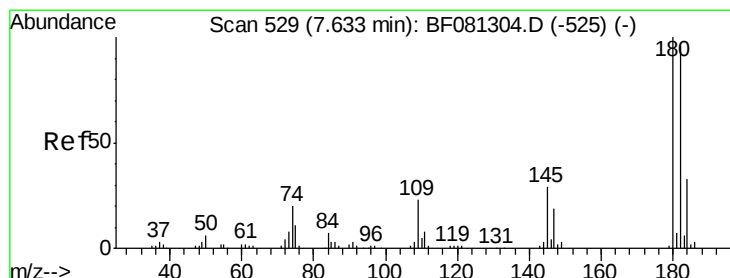
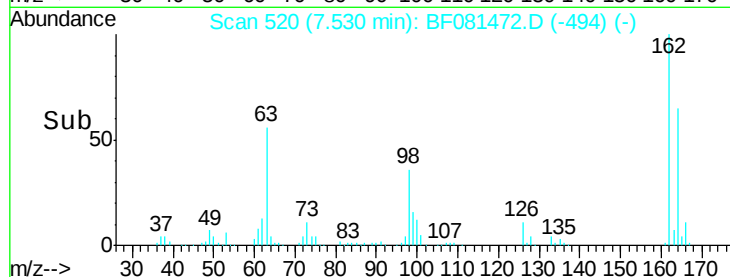
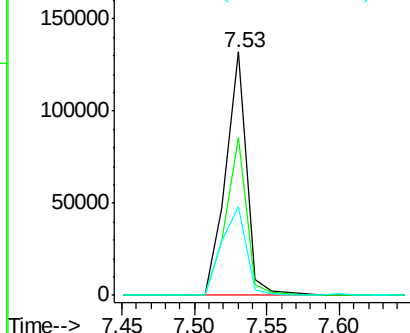
#29
 2,4-Dichlorophenol
 Concen: 48.25 ng
 RT: 7.53 min Scan# 520
 Delta R.T. 0.00 min
 Lab File: BF081472.D
 Acq: 5 Sep 2015 18:54

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
162	100		
164	65.0	44.9	84.9
98	36.4	13.0	53.0

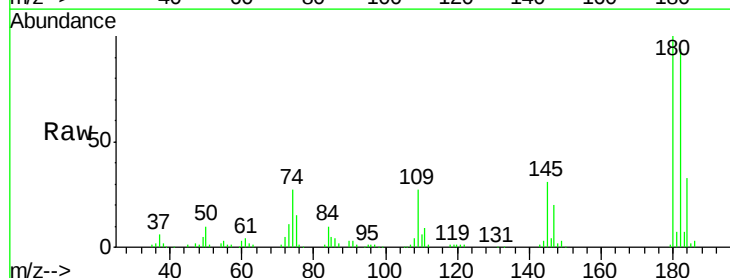


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

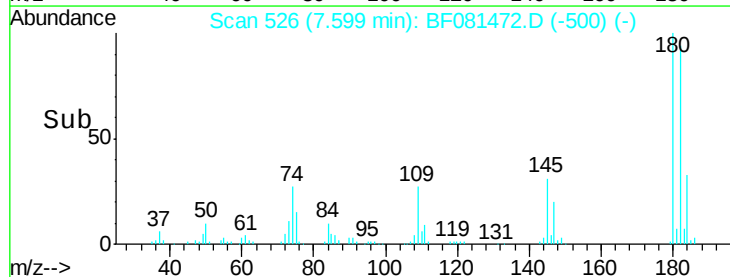
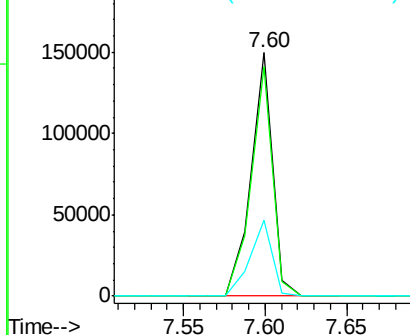


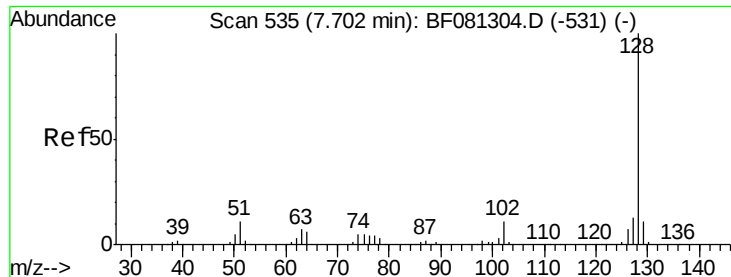
#30
 1,2,4-Trichlorobenzene
 Concen: 46.10 ng
 RT: 7.60 min Scan# 526
 Delta R.T. 0.00 min
 Lab File: BF081472.D
 Acq: 5 Sep 2015 18:54

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.3	77.1	115.7
145	31.2	23.3	34.9



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

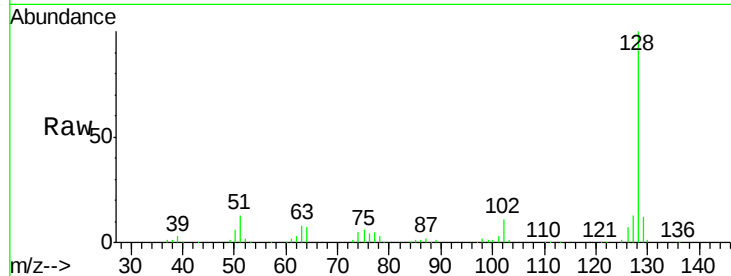




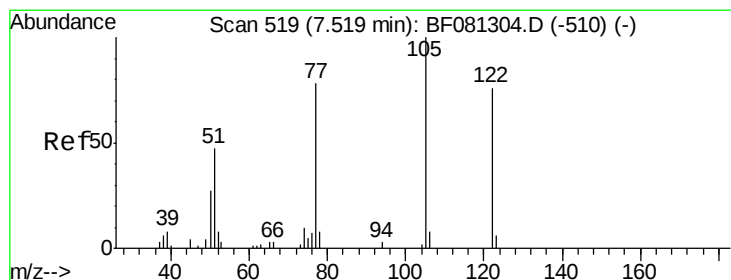
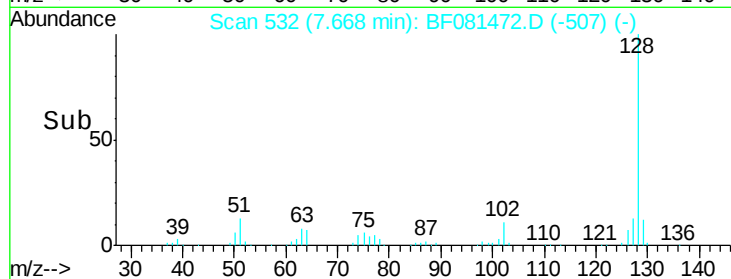
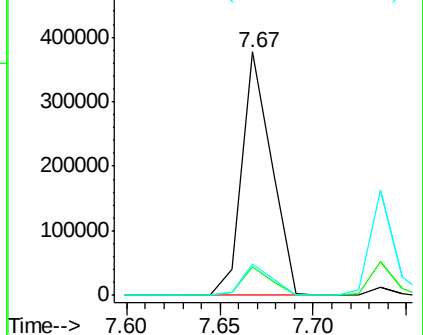
#31
Naphthalene
Concen: 39.92 ng
RT: 7.67 min Scan# 532
Delta R.T. -0.01 min
Lab File: BF081472.D
Acq: 5 Sep 2015 18:54

Instrument :
BNA_F
ClientSampleId :

Tot Ion:128 Resp: 414797
Ion Ratio Lower Upper
128 100
129 11.6 8.4 12.6
127 13.0 9.9 14.9

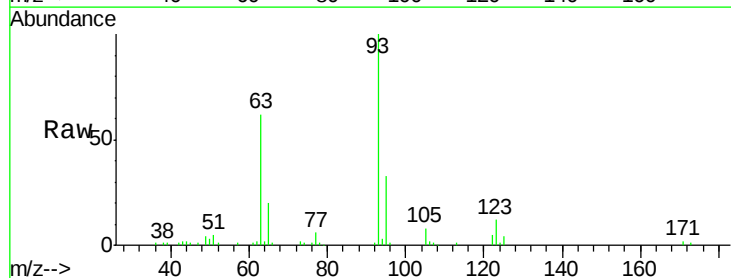


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

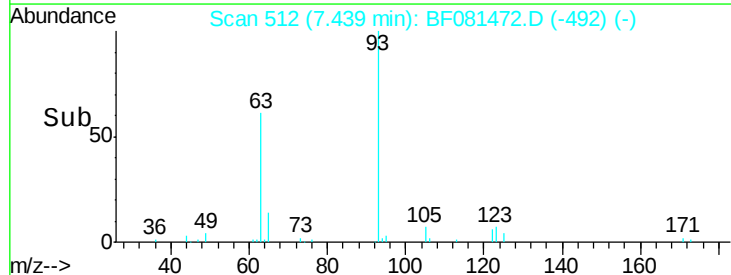
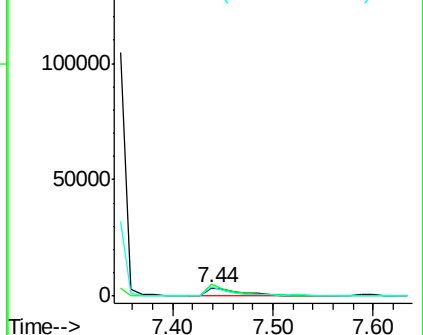


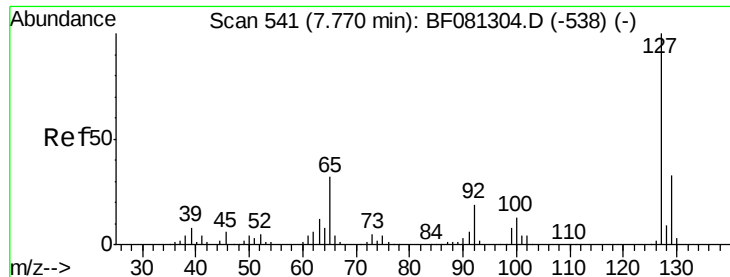
#32
Benzoic acid
Concen: 6.01 ng
RT: 7.44 min Scan# 512
Delta R.T. -0.07 min
Lab File: BF081472.D
Acq: 5 Sep 2015 18:54

Tgt Ion:122 Resp: 8248
Ion Ratio Lower Upper
122 100
105 141.6 76.1 116.1#
77 117.4 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

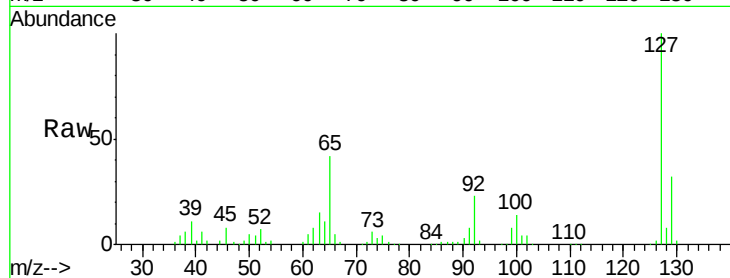




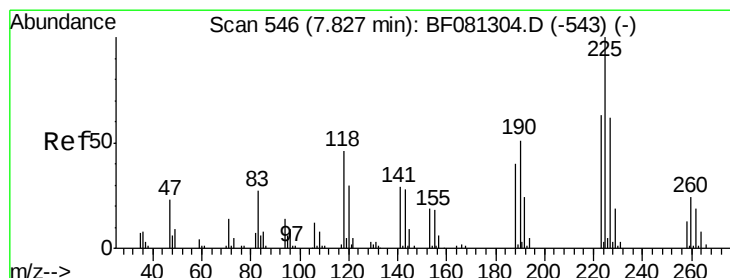
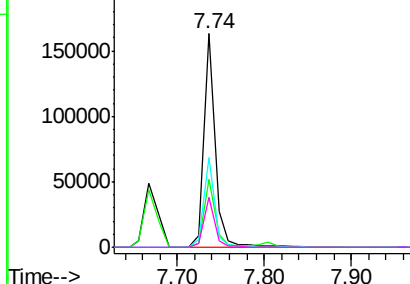
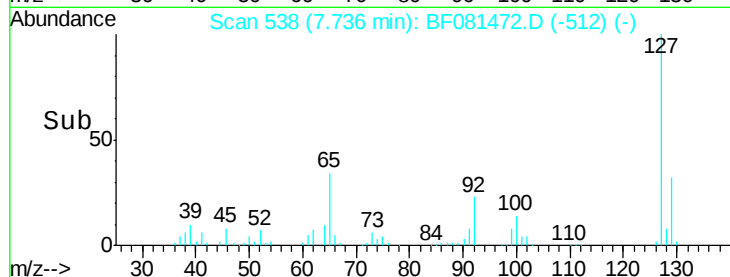
#33
4-Chloroaniline
Concen: 34.42 ng
RT: 7.74 min Scan# 538
Delta R.T. 0.00 min
Lab File: BF081472.D
Acq: 5 Sep 2015 18:54

Instrument :
BNA_F
ClientSampled :

Tot Ion:	127	Resp:	145844
Ion	Ratio	Lower	Upper
127	100		
129	31.5	25.8	38.6
65	42.0	17.9	26.9#
92	23.1	10.5	15.7#

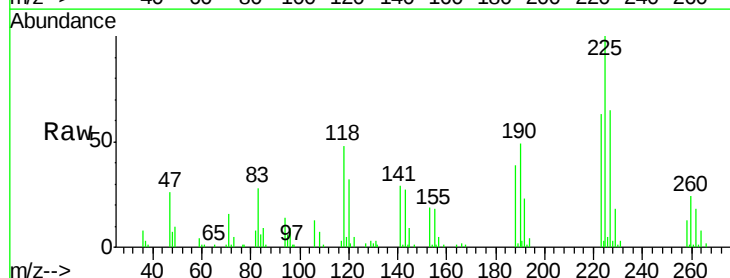


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

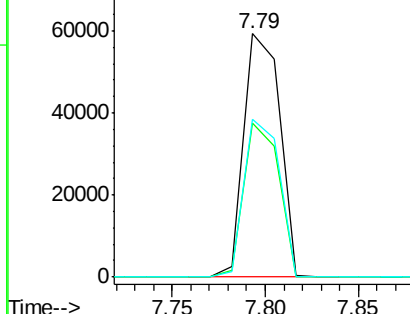
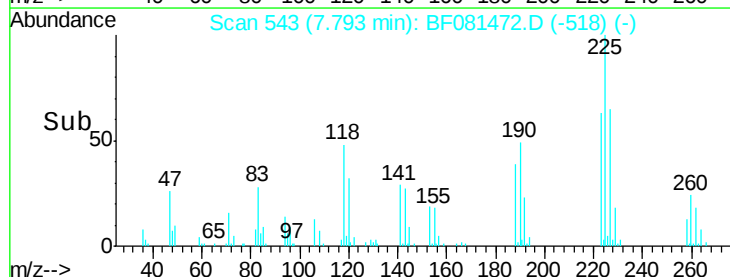


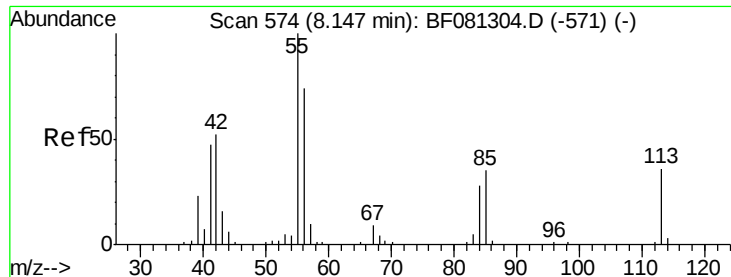
#34
Hexachlorobutadiene
Concen: 43.79 ng
RT: 7.79 min Scan# 543
Delta R.T. -0.01 min
Lab File: BF081472.D
Acq: 5 Sep 2015 18:54

Tgt Ion:	225	Resp:	79247
Ion	Ratio	Lower	Upper
225	100		
223	63.5	50.2	75.2
227	64.9	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: 30.29 ng

RT: 8.12 min Scan# 572

Delta R.T. -0.01 min

Lab File: BF081472.D

Acq: 5 Sep 2015 18:54

Instrument :

BNA_F

ClientSampled :

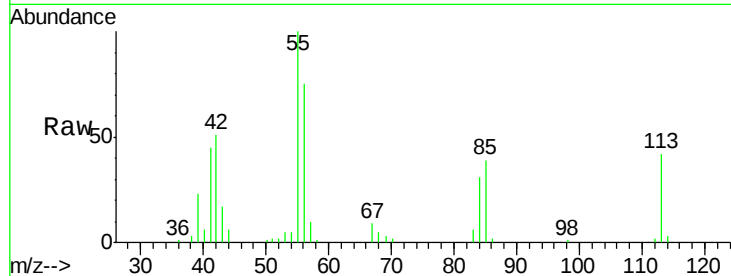
Tot Ion:113 Resp: 25429

Ion Ratio Lower Upper

113 100

55 240.2 152.4 192.4#

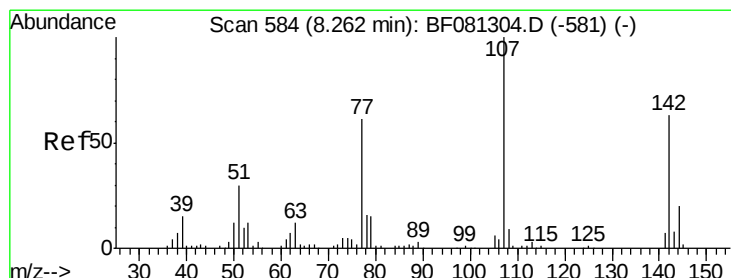
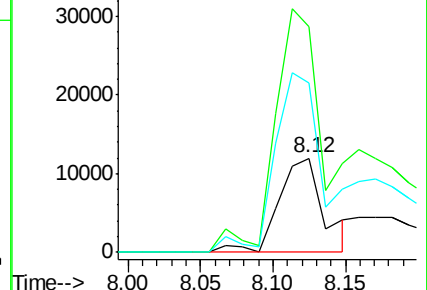
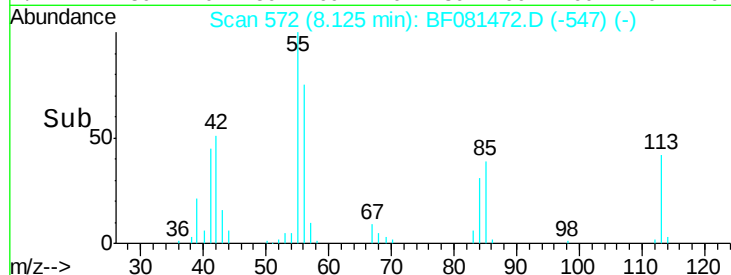
56 180.0 104.6 144.6#



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: 50.67 ng

RT: 8.24 min Scan# 582

Delta R.T. 0.00 min

Lab File: BF081472.D

Acq: 5 Sep 2015 18:54

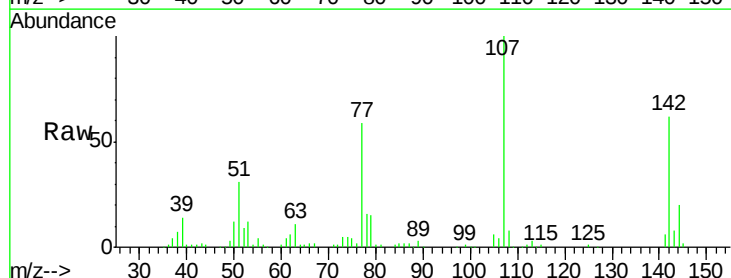
Tgt Ion:107 Resp: 155233

Ion Ratio Lower Upper

107 100

144 20.4 25.4 38.0#

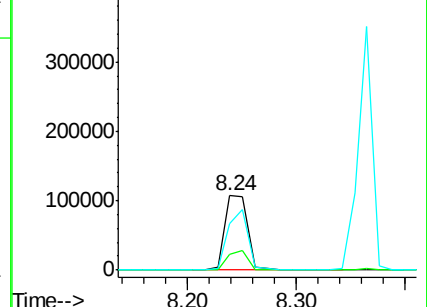
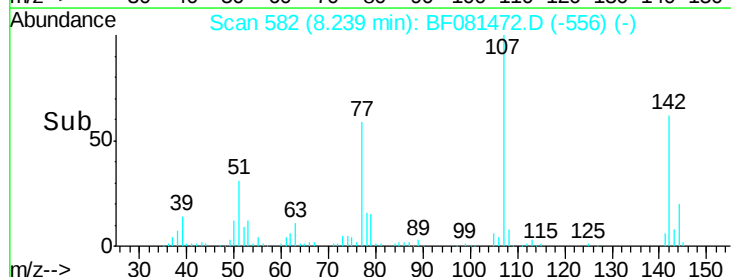
142 62.5 77.3 115.9#

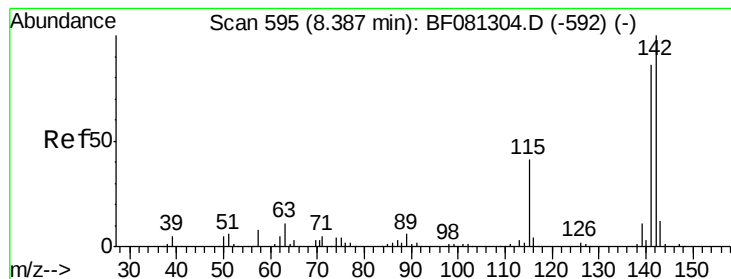


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

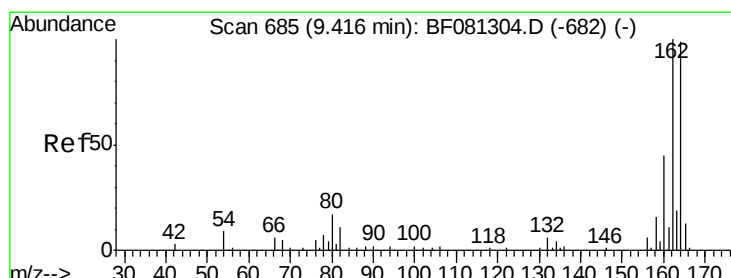
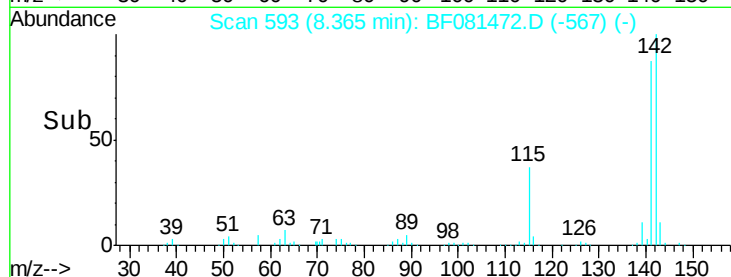
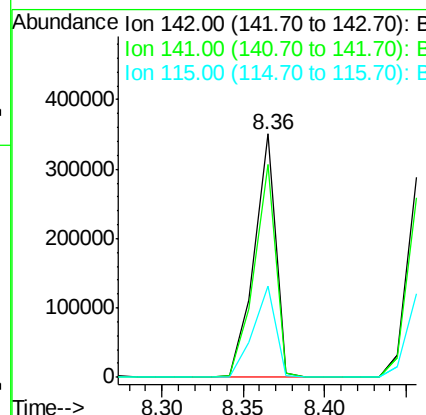
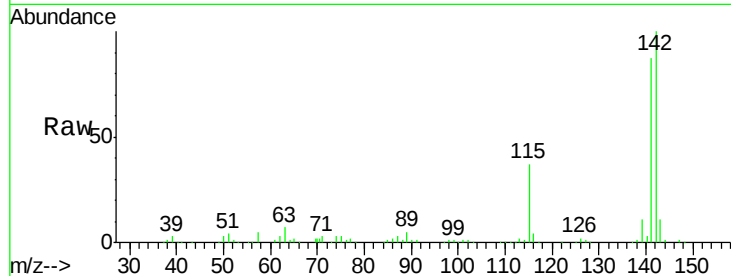




#37
 2-Methylnaphthalene
 Concen: 47.91 ng
 RT: 8.36 min Scan# 593
 Delta R.T. 0.00 min
 Lab File: BF081472.D
 Acq: 5 Sep 2015 18:54

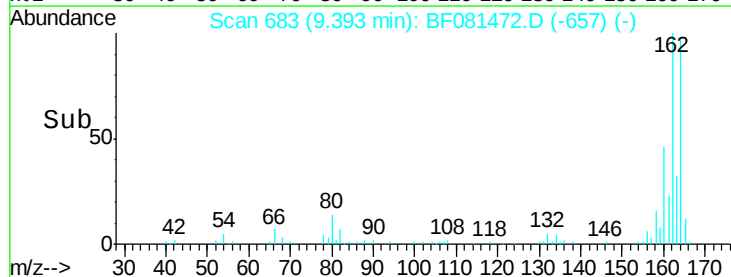
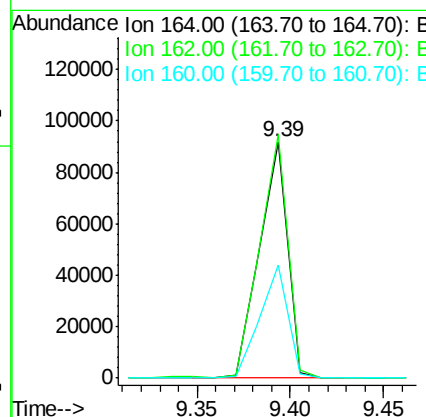
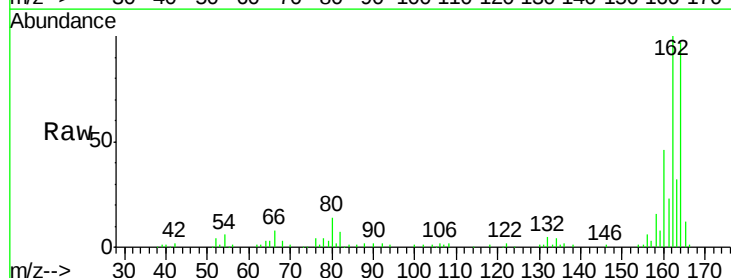
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:142 Resp: 323938
 Ion Ratio Lower Upper
 142 100
 141 87.3 67.5 101.3
 115 37.3 18.2 27.2#



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.39 min Scan# 683
 Delta R.T. 0.00 min
 Lab File: BF081472.D
 Acq: 5 Sep 2015 18:54

Tgt Ion:164 Resp: 95448
 Ion Ratio Lower Upper
 164 100
 162 102.9 75.2 112.8
 160 47.7 31.5 47.3#





#39

1,2,4,5-Tetrachlorobenzene

Concen: 39.79 ng

RT: 8.54 min Scan# 608

Delta R.T. 0.01 min

Lab File: BF081472.D

Acq: 5 Sep 2015 18:54

Instrument :

BNA_F

ClientSampleId :

Tot Ion:216 Resp: 120120

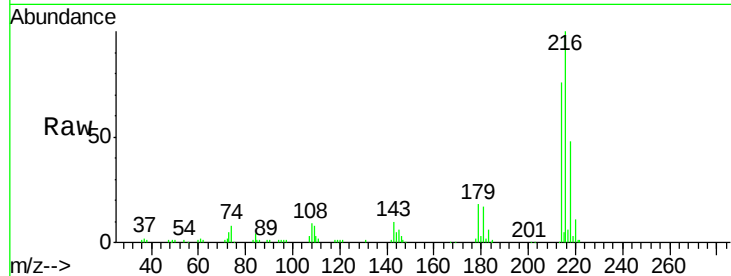
Ion Ratio Lower Upper

216 100

214 79.6 63.5 95.3

179 21.9 16.6 24.8

108 21.8 16.3 24.5

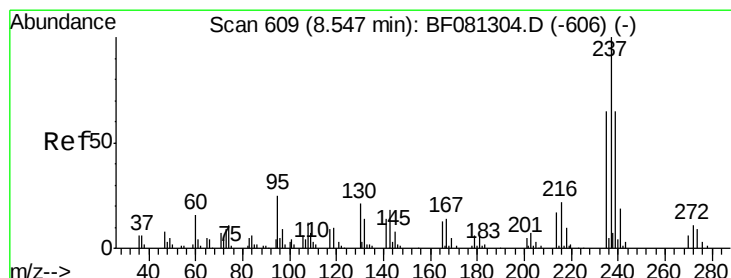
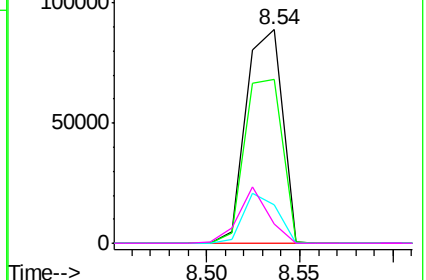
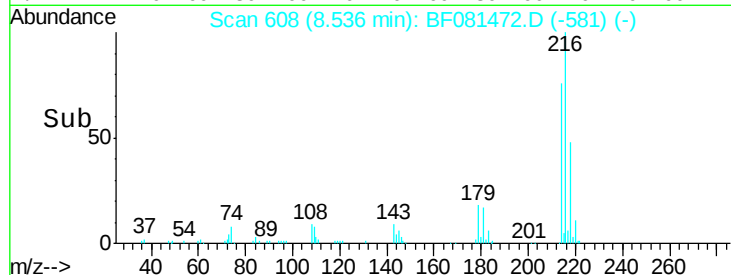


Abundance Ion 216.00 (215.70 to 216.70): E

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: 81.96 ng

RT: 8.51 min Scan# 606

Delta R.T. 0.00 min

Lab File: BF081472.D

Acq: 5 Sep 2015 18:54

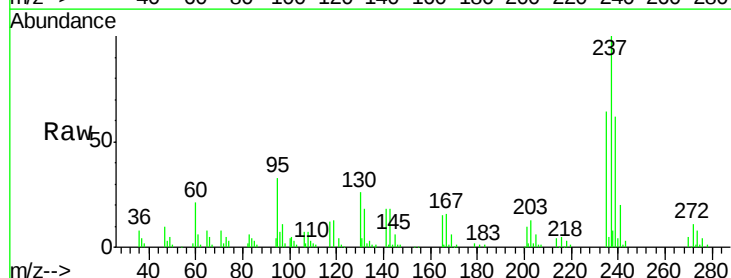
Tgt Ion:237 Resp: 121412

Ion Ratio Lower Upper

237 100

235 63.9 42.0 82.0

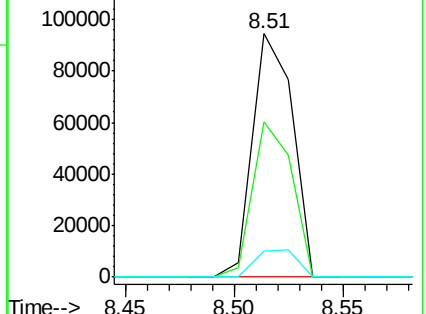
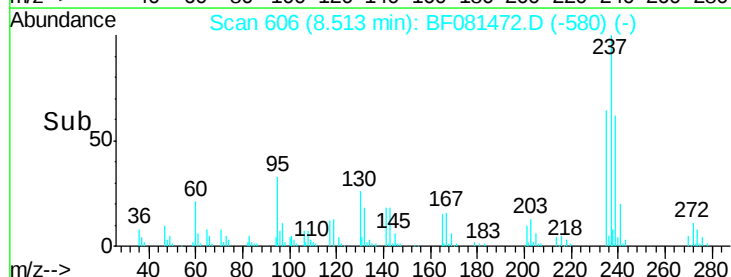
272 10.5 0.0 36.1

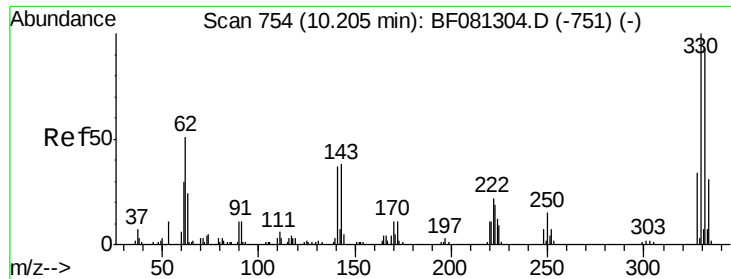


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

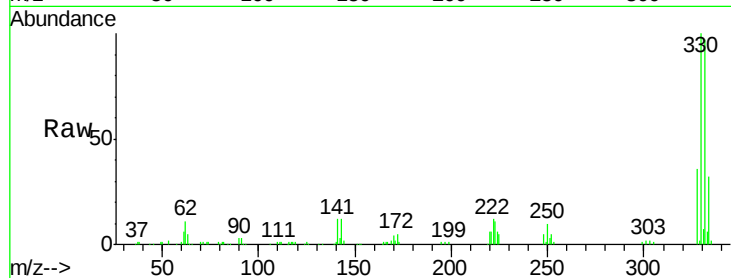




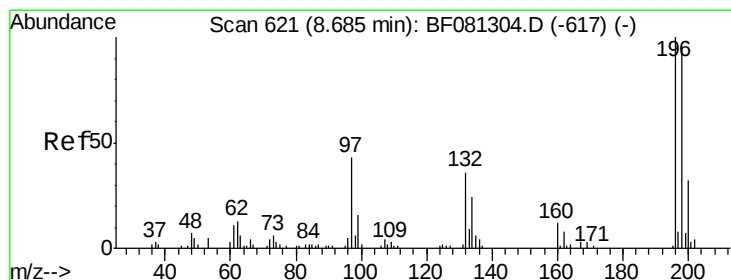
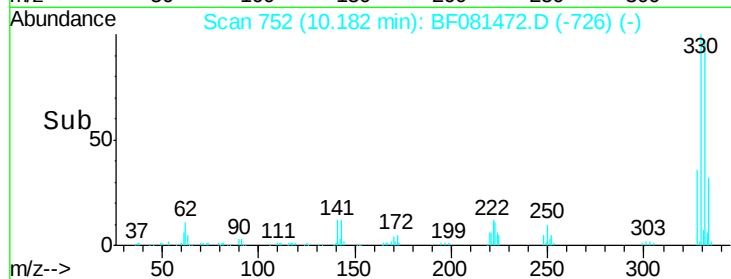
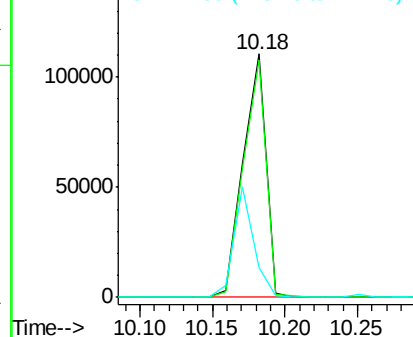
#41
 2,4,6-Tribromophenol
 Concen: 142.99 ng
 RT: 10.18 min Scan# 752
 Delta R.T. 0.00 min
 Lab File: BF081472.D
 Acq: 5 Sep 2015 18:54

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.6	76.6	114.8
141	39.5	29.7	44.5

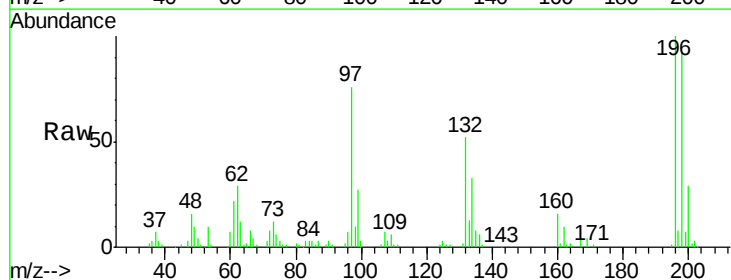


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

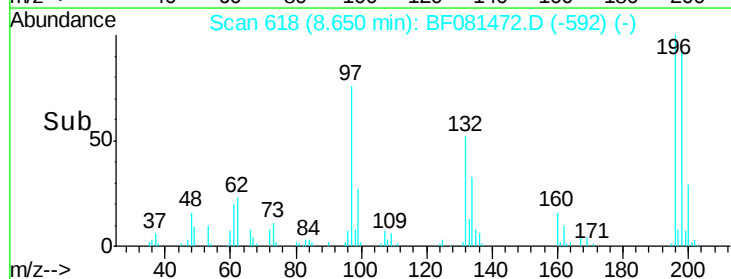
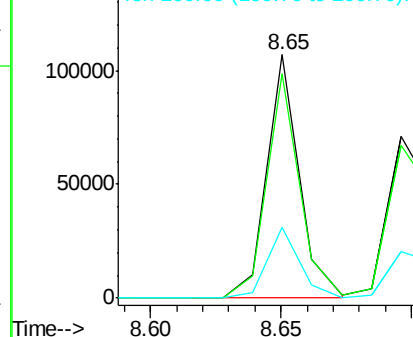


#42
 2,4,6-Trichlorophenol
 Concen: 44.58 ng
 RT: 8.65 min Scan# 618
 Delta R.T. 0.00 min
 Lab File: BF081472.D
 Acq: 5 Sep 2015 18:54

Tgt Ion	Ratio	Lower	Upper
196	100		
198	92.3	75.7	113.5
200	29.2	23.9	35.9



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

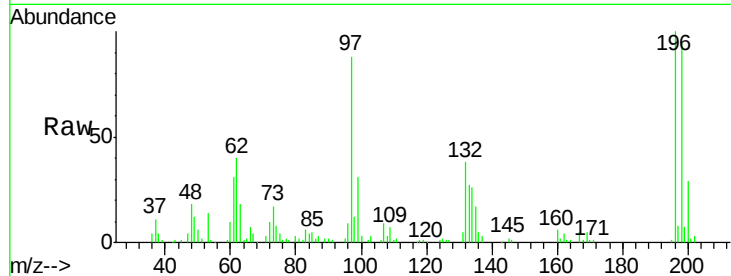




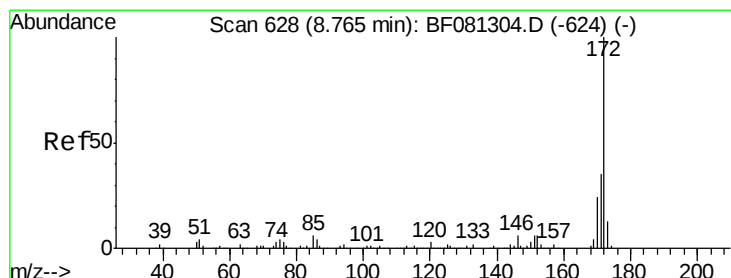
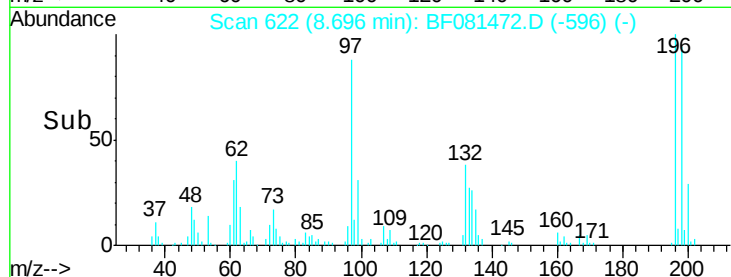
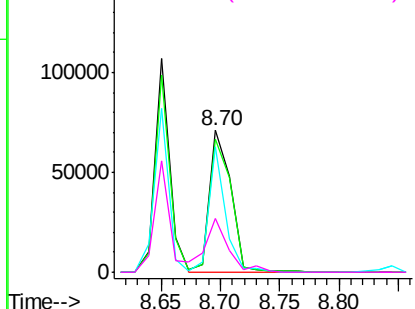
#43
 2,4,5-Trichlorophenol
 Concen: 41.59 ng
 RT: 8.70 min Scan# 622
 Delta R.T. 0.00 min
 Lab File: BF081472.D
 Acq: 5 Sep 2015 18:54

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:196 Resp: 88384
 Ion Ratio Lower Upper
 196 100
 198 94.4 75.4 113.0
 97 88.2 33.3 49.9#
 132 38.4 24.6 37.0#

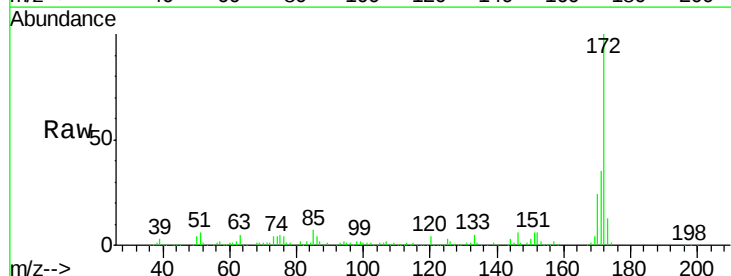


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

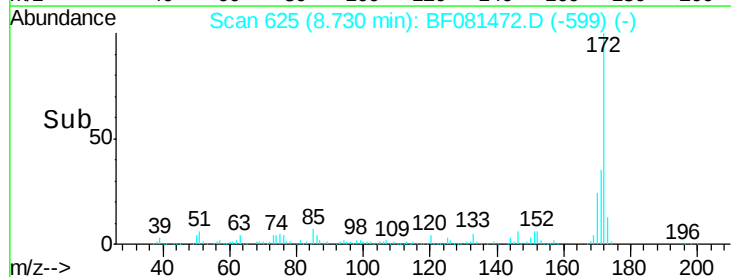
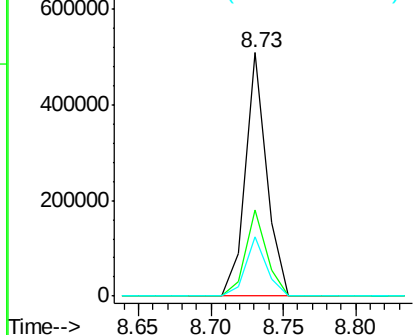


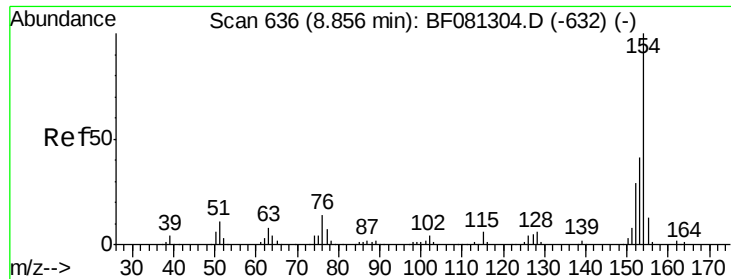
#44
 2-Fluorobiphenyl
 Concen: 69.70 ng
 RT: 8.73 min Scan# 625
 Delta R.T. 0.00 min
 Lab File: BF081472.D
 Acq: 5 Sep 2015 18:54

Tgt Ion:172 Resp: 519139
 Ion Ratio Lower Upper
 172 100
 171 35.4 26.1 39.1
 170 24.3 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: 42.49 ng

RT: 8.83 min Scan# 634

Delta R.T. 0.00 min

Lab File: BF081472.D

Acq: 5 Sep 2015 18:54

Instrument :

BNA_F

ClientSampleId :

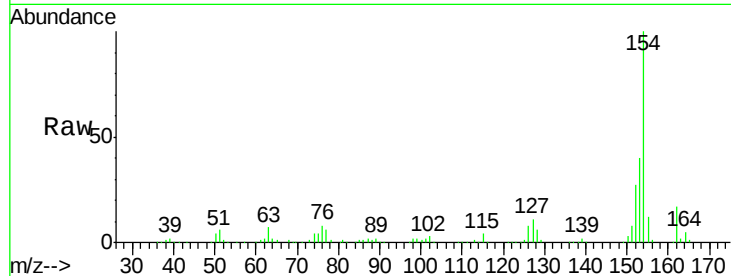
Tot Ion:154 Resp: 373132

Ion Ratio Lower Upper

154 100

153 39.9 17.1 57.1

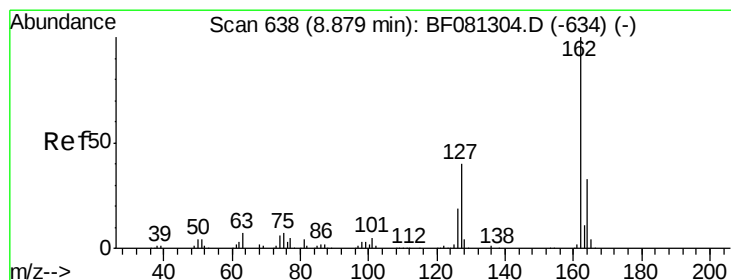
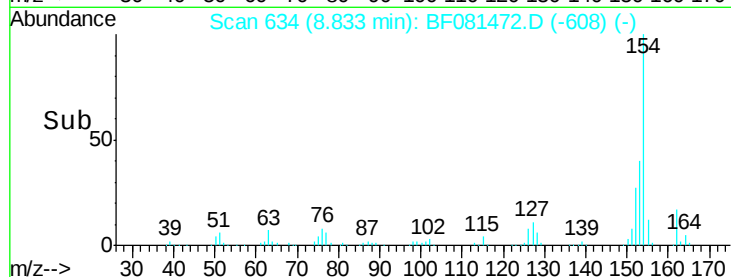
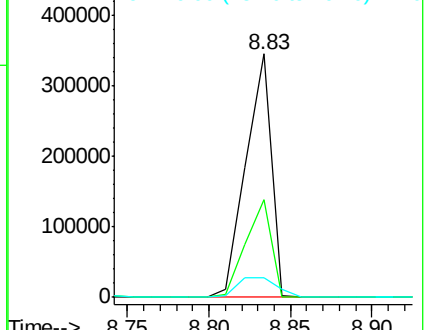
76 8.2 0.0 31.6



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: 42.54 ng

RT: 8.84 min Scan# 635

Delta R.T. 0.00 min

Lab File: BF081472.D

Acq: 5 Sep 2015 18:54

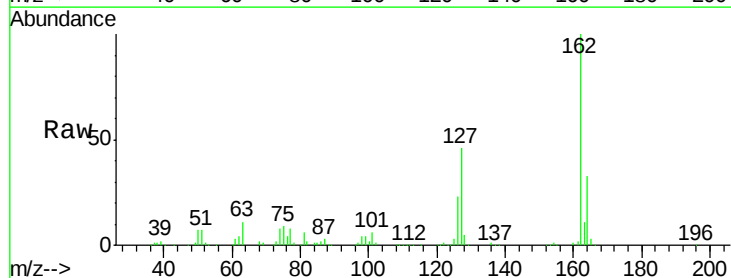
Tgt Ion:162 Resp: 269745

Ion Ratio Lower Upper

162 100

127 45.8 27.6 41.4#

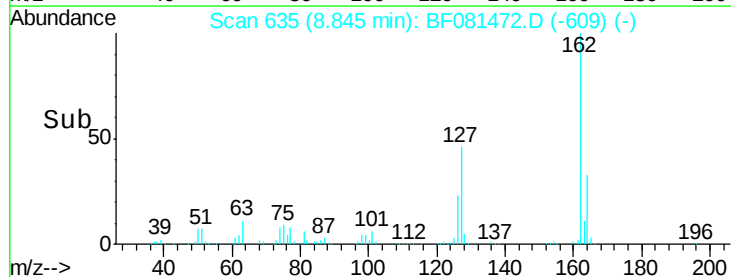
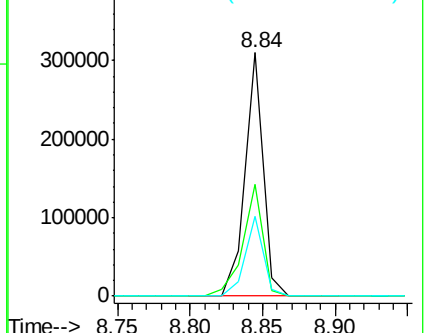
164 32.5 25.4 38.2



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

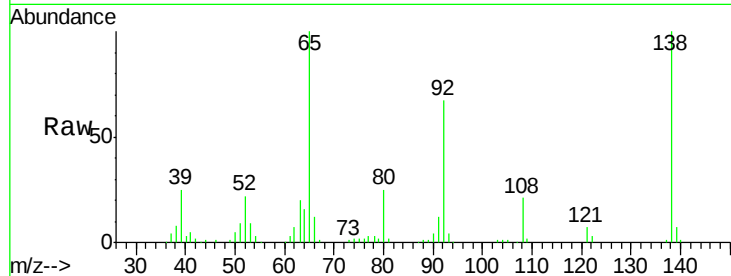




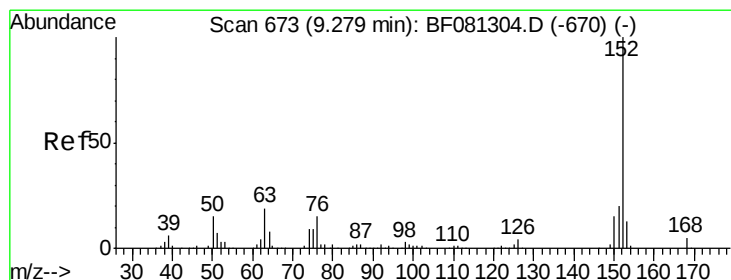
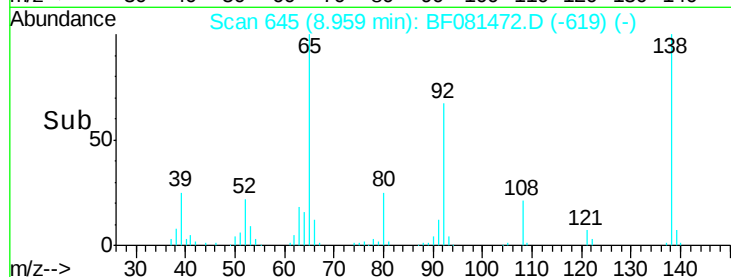
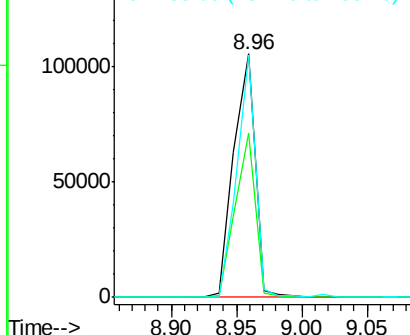
#47
2-Nitroaniline
Concen: 46.60 ng
RT: 8.96 min Scan# 645
Delta R.T. 0.00 min
Lab File: BF081472.D
Acq: 5 Sep 2015 18:54

Instrument :
BNA_F
ClientSampled :

Tot Ion: 65 Resp: 120442
Ion Ratio Lower Upper
65 100
92 67.4 55.4 83.0
138 99.7 115.5 173.3#

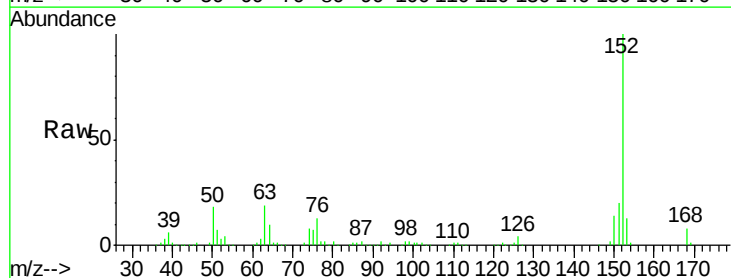


Abundance Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0
Ion 138.00 (137.70 to 138.70): BF0

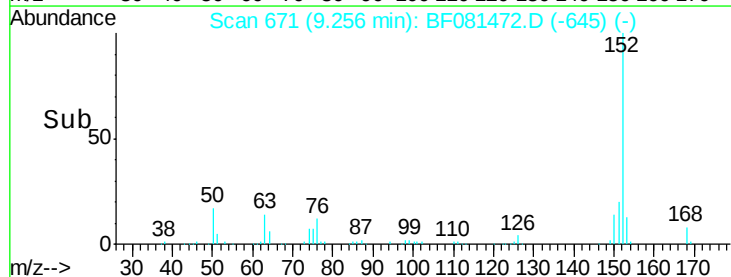
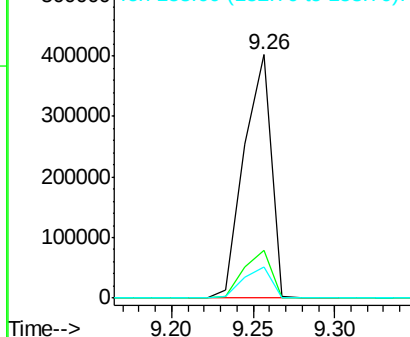


#48
Acenaphthylene
Concen: 41.19 ng
RT: 9.26 min Scan# 671
Delta R.T. 0.00 min
Lab File: BF081472.D
Acq: 5 Sep 2015 18:54

Tgt Ion: 152 Resp: 463369
Ion Ratio Lower Upper
152 100
151 19.8 14.6 22.0
153 12.6 10.3 15.5



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

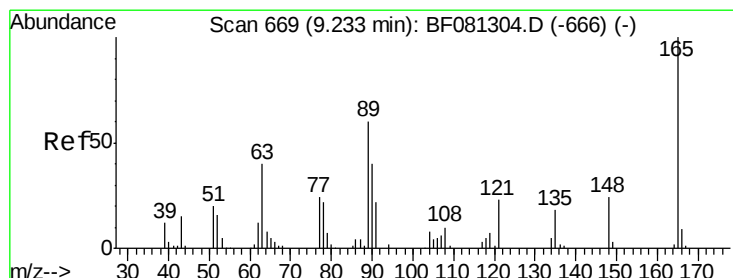
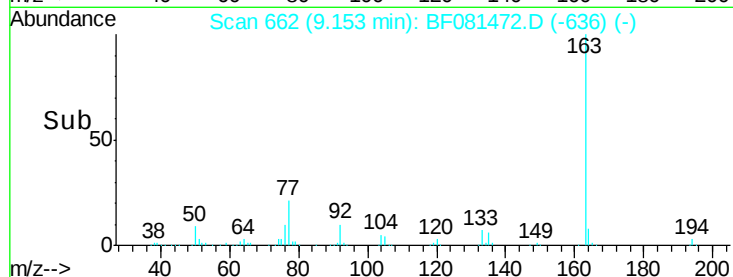
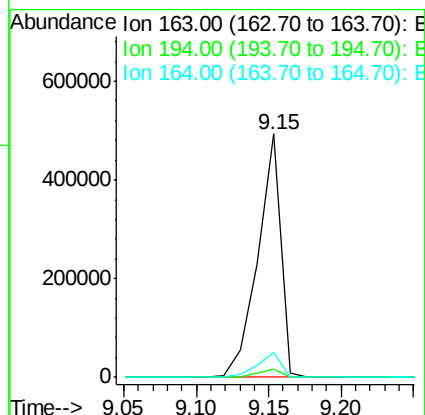
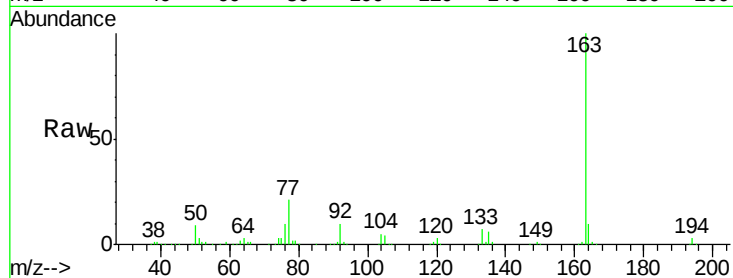




#49
Dimethylphthalate
Concen: 72.87 ng
RT: 9.15 min Scan# 662
Delta R.T. 0.00 min
Lab File: BF081472.D
Acq: 5 Sep 2015 18:54

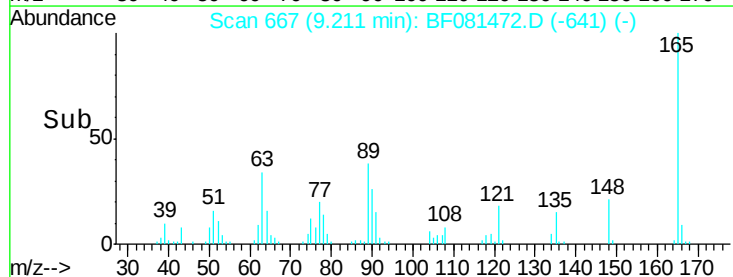
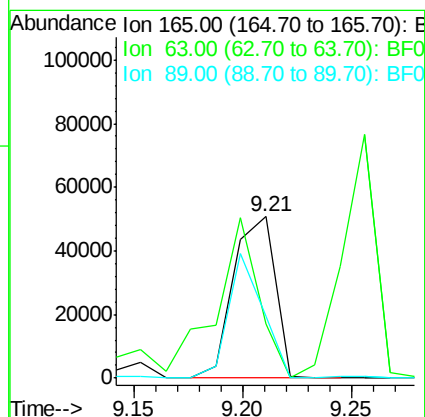
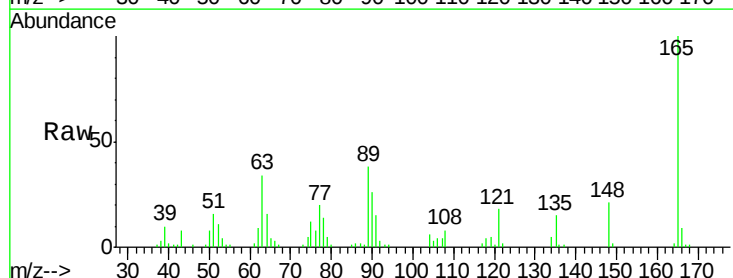
Instrument :
BNA_F
ClientSampleId :

Tot Ion:163 Resp: 540375
Ion Ratio Lower Upper
163 100
194 3.3 4.4 6.6#
164 10.0 8.3 12.5



#50
2,6-Dinitrotoluene
Concen: 40.12 ng
RT: 9.21 min Scan# 667
Delta R.T. 0.00 min
Lab File: BF081472.D
Acq: 5 Sep 2015 18:54

Tgt Ion:165 Resp: 67528
Ion Ratio Lower Upper
165 100
63 33.6 32.3 48.5
89 38.4 28.6 43.0

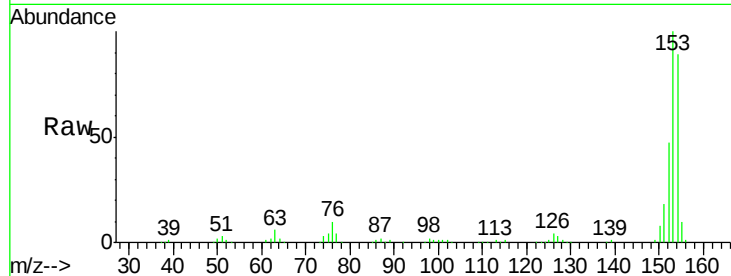




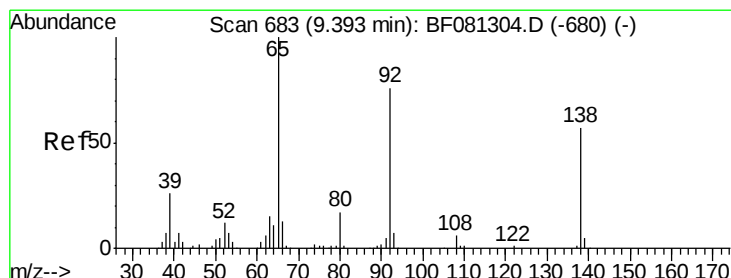
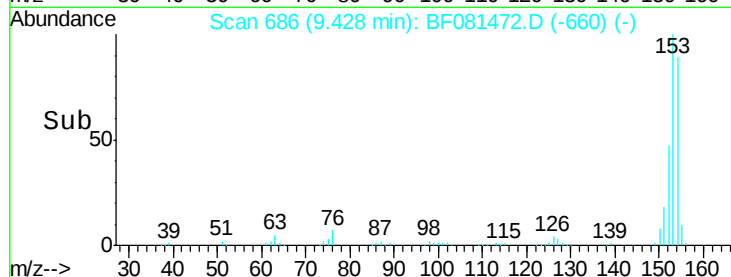
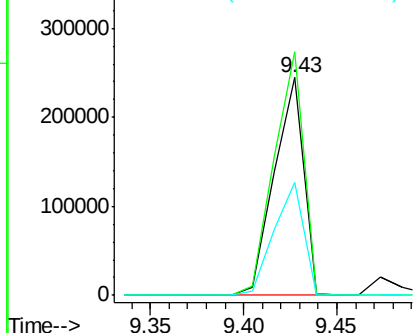
#51
Acenaphthene
Concen: 42.27 ng
RT: 9.43 min Scan# 686
Delta R.T. 0.00 min
Lab File: BF081472.D
Acq: 5 Sep 2015 18:54

Instrument :
BNA_F
ClientSampleId :

Tot Ion:154 Resp: 270564
Ion Ratio Lower Upper
154 100
153 111.9 82.1 123.1
152 52.2 37.9 56.9

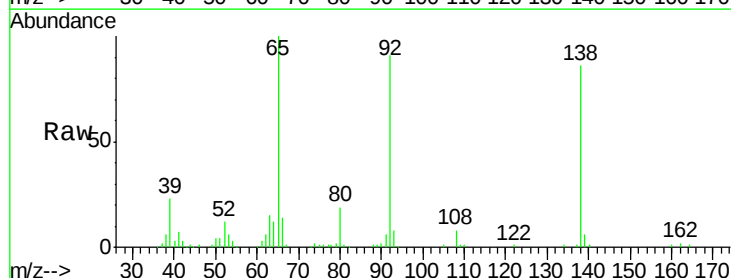


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

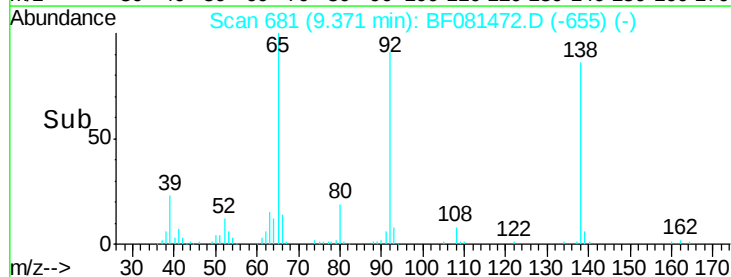
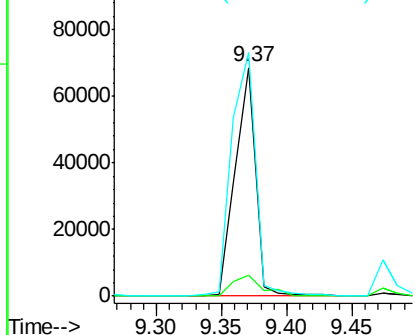


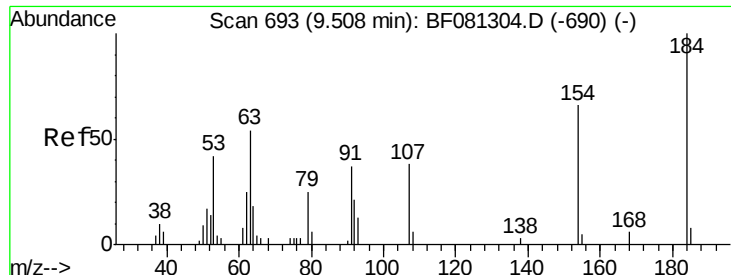
#52
3-Nitroaniline
Concen: 38.68 ng
RT: 9.37 min Scan# 681
Delta R.T. 0.00 min
Lab File: BF081472.D
Acq: 5 Sep 2015 18:54

Tgt Ion:138 Resp: 74111
Ion Ratio Lower Upper
138 100
108 9.4 5.7 8.5#
92 106.7 67.7 101.5#



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

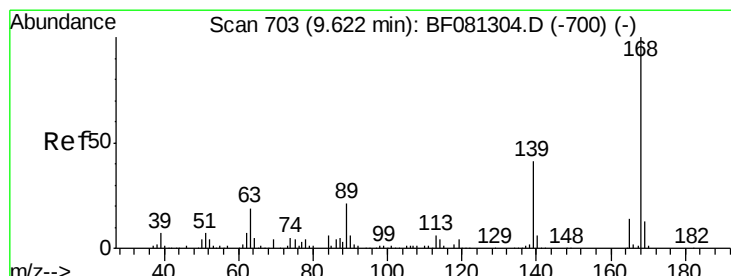
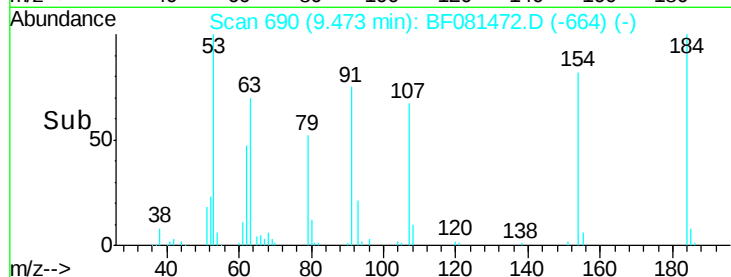
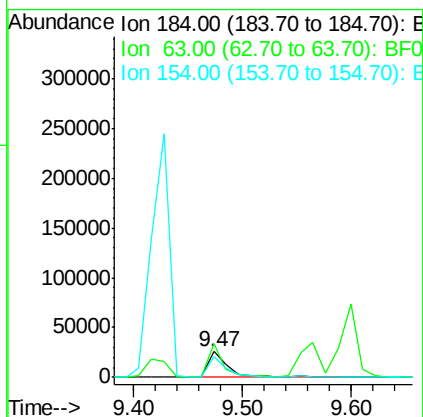
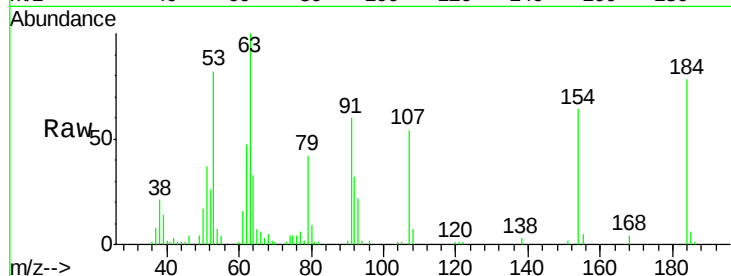




#53
2,4-Dinitrophenol
Concen: 47.48 ng
RT: 9.47 min Scan# 690
Delta R.T. 0.00 min
Lab File: BF081472.D
Acq: 5 Sep 2015 18:54

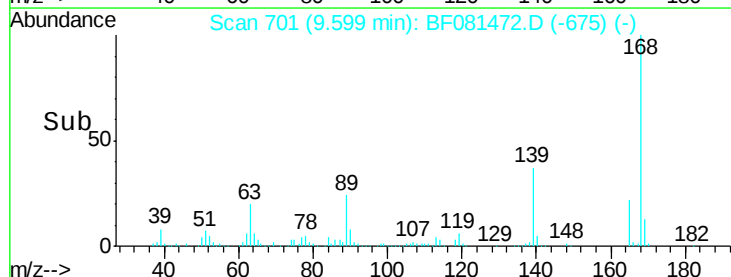
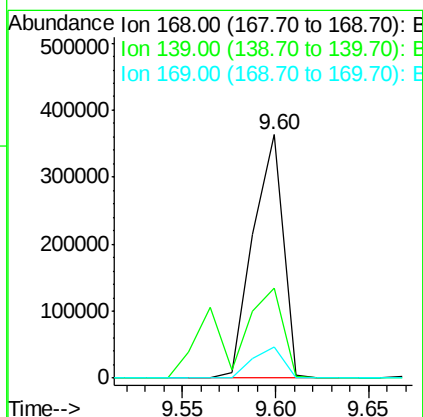
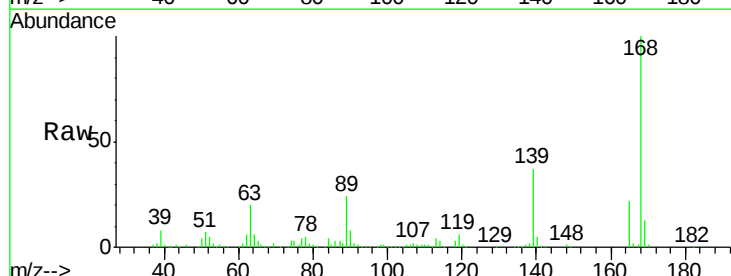
Instrument :
BNA_F
ClientSampled :

Tot Ion:184 Resp: 33659
Ion Ratio Lower Upper
184 100
63 129.0 35.4 53.2#
154 82.4 32.2 48.4#



#54
Dibenzofuran
Concen: 43.39 ng
RT: 9.60 min Scan# 701
Delta R.T. 0.00 min
Lab File: BF081472.D
Acq: 5 Sep 2015 18:54

Tgt Ion:168 Resp: 405483
Ion Ratio Lower Upper
168 100
139 36.8 24.2 36.2#
169 12.9 10.6 15.8

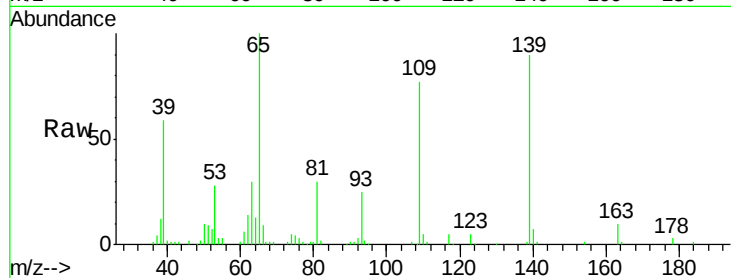




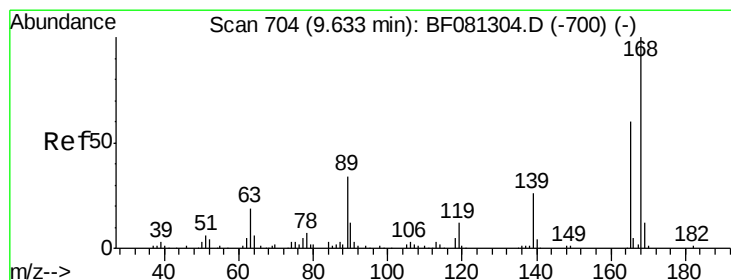
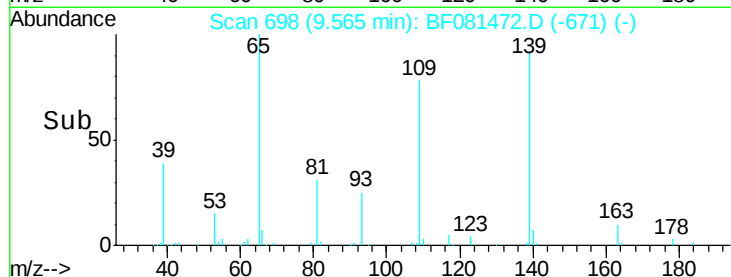
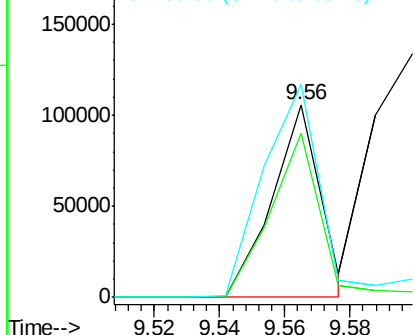
#55
4-Nitrophenol
Concen: 89.97 ng
RT: 9.56 min Scan# 698
Delta R.T. 0.01 min
Lab File: BF081472.D
Acq: 5 Sep 2015 18:54

Instrument :
BNA_F
ClientSampleId :

Tot Ion:139 Resp: 108302
Ion Ratio Lower Upper
139 100
109 85.1 12.7 52.7#
65 110.8 45.9 85.9#

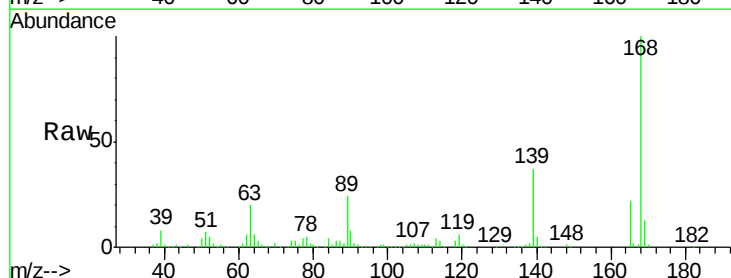


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0

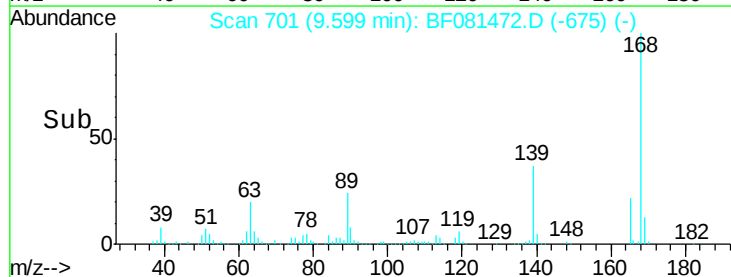
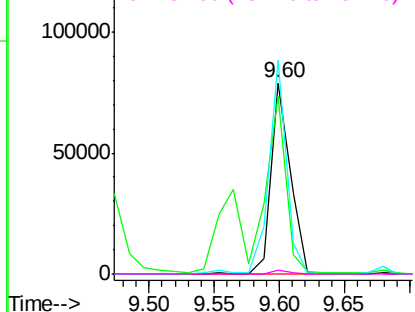


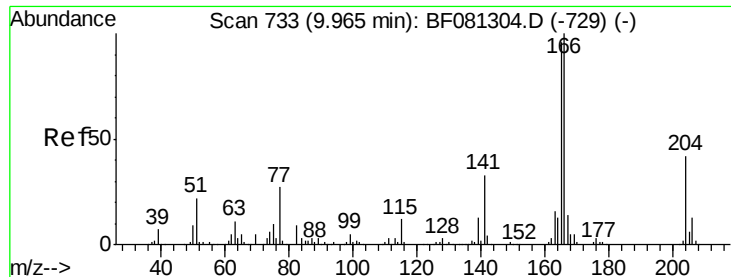
#56
2,4-Dinitrotoluene
Concen: 38.43 ng
RT: 9.60 min Scan# 701
Delta R.T. 0.00 min
Lab File: BF081472.D
Acq: 5 Sep 2015 18:54

Tgt Ion:165 Resp: 82362
Ion Ratio Lower Upper
165 100
63 92.9 29.8 44.6#
89 111.7 44.5 66.7#
182 2.1 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: 41.22 ng

RT: 9.93 min Scan# 730

Delta R.T. 0.00 min

Lab File: BF081472.D

Acq: 5 Sep 2015 18:54

Instrument :

BNA_F

ClientSampleId :

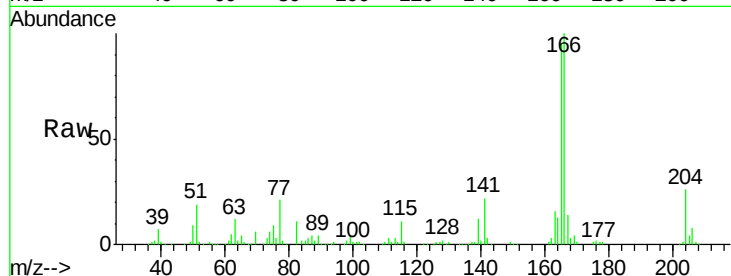
Tot Ion:166 Resp: 292357

Ion Ratio Lower Upper

166 100

165 95.2 72.6 109.0

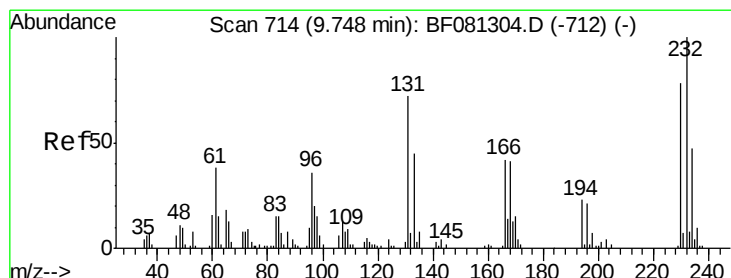
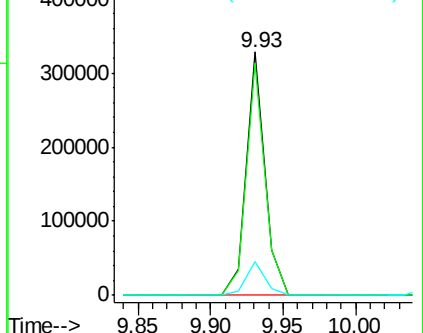
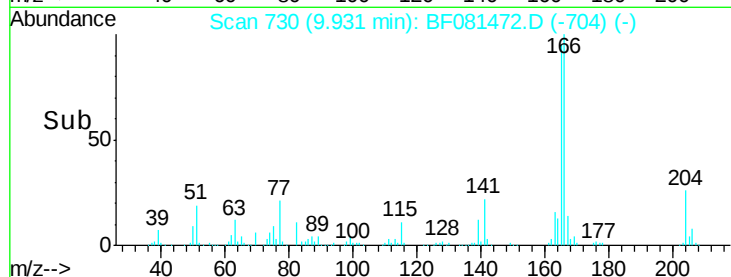
167 13.9 10.6 16.0



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 50.75 ng

RT: 9.72 min Scan# 712

Delta R.T. 0.00 min

Lab File: BF081472.D

Acq: 5 Sep 2015 18:54

Tgt Ion:232 Resp: 82347

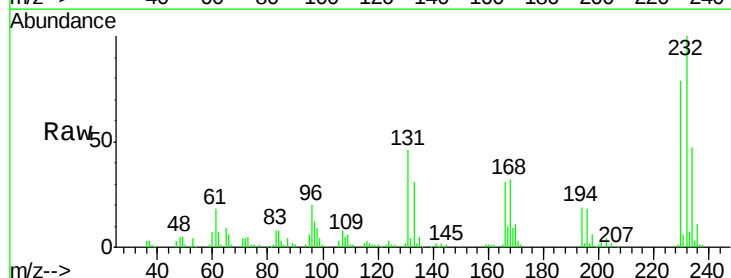
Ion Ratio Lower Upper

232 100

131 51.3 38.5 57.7

130 2.4 1.8 2.6

166 32.2 25.0 37.6

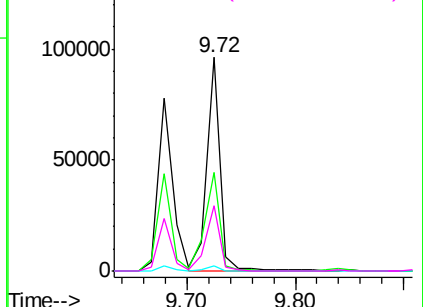
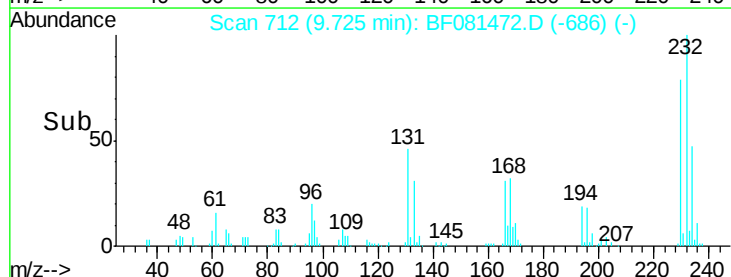


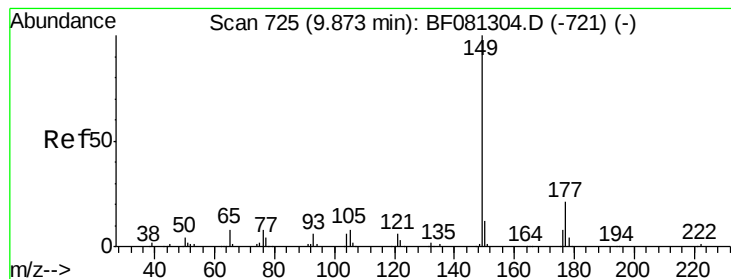
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E





#59

Diethylphthalate

Concen: 42.69 ng

RT: 9.84 min Scan# 722

Delta R.T. 0.00 min

Lab File: BF081472.D

Acq: 5 Sep 2015 18:54

Instrument :

BNA_F

ClientSampleId :

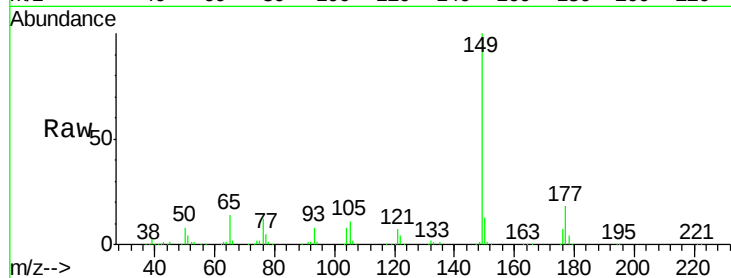
Tot Ion:149 Resp: 333001

Ion Ratio Lower Upper

149 100

177 18.2 17.5 26.3

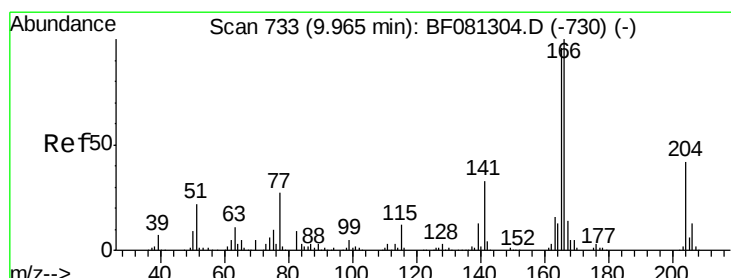
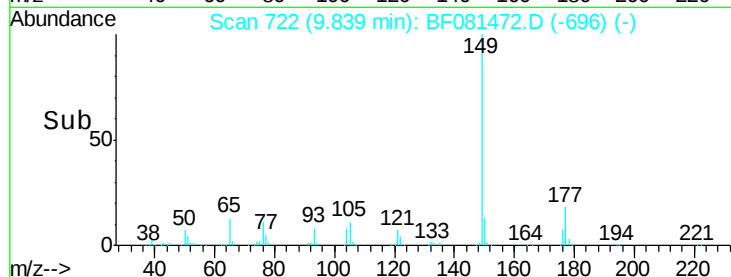
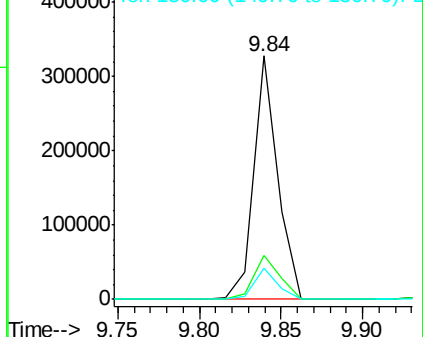
150 12.8 9.4 14.2



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: 44.56 ng

RT: 9.94 min Scan# 731

Delta R.T. 0.00 min

Lab File: BF081472.D

Acq: 5 Sep 2015 18:54

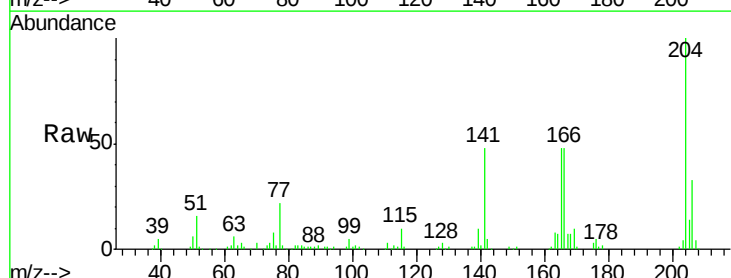
Tgt Ion:204 Resp: 147293

Ion Ratio Lower Upper

204 100

206 32.7 24.8 37.2

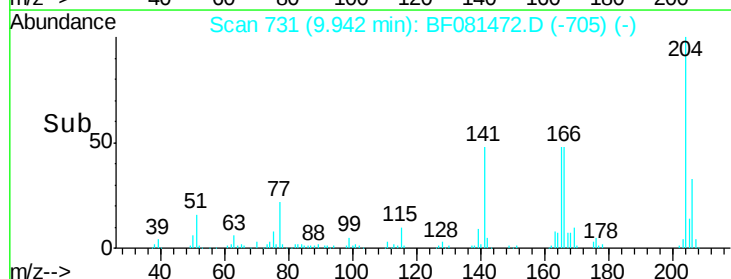
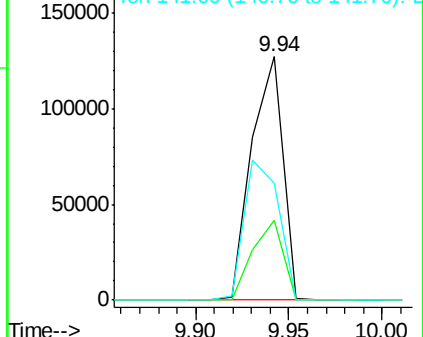
141 48.1 42.2 63.4



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

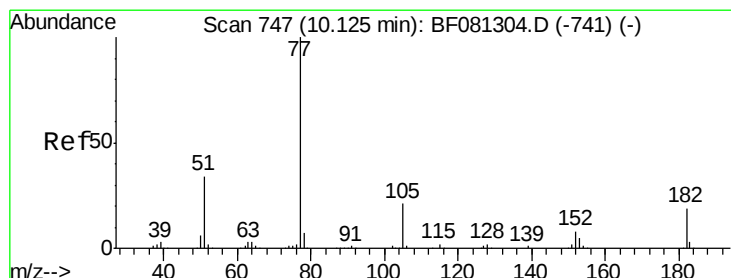
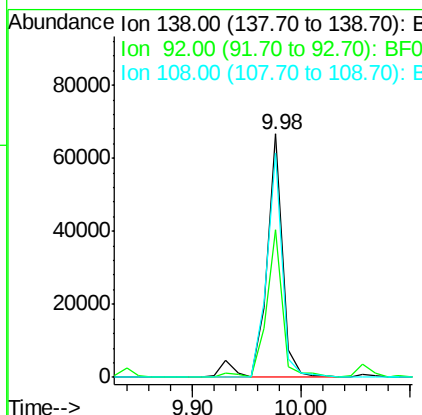
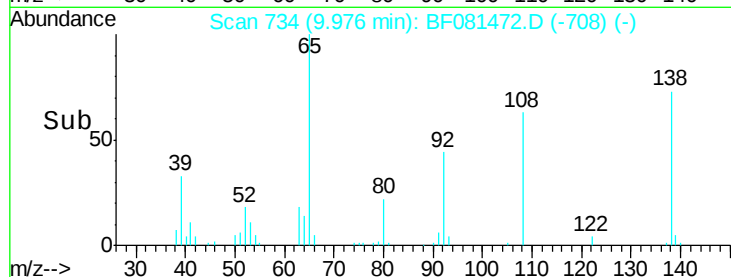
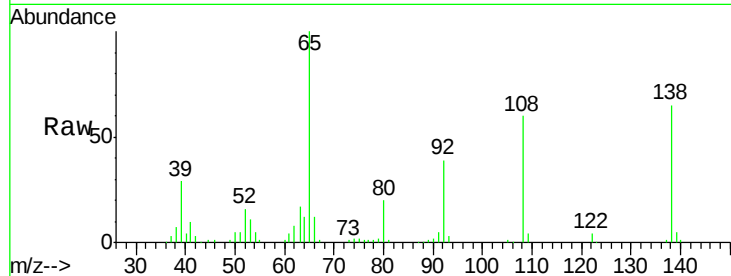




#61
4-Nitroaniline
Concen: 35.86 ng
RT: 9.98 min Scan# 734
Delta R.T. 0.00 min
Lab File: BF081472.D
Acq: 5 Sep 2015 18:54

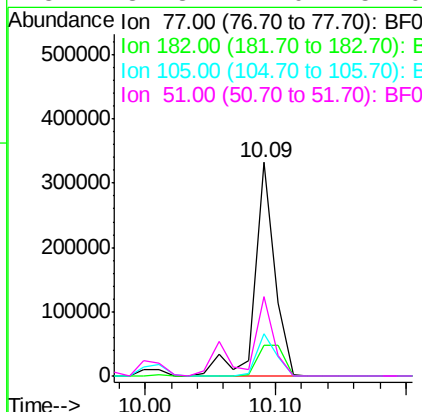
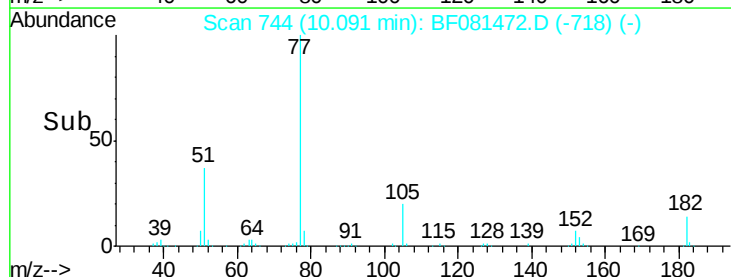
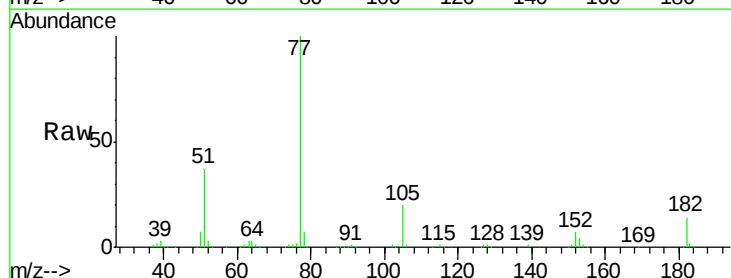
Instrument :
BNA_F
ClientSampleId :

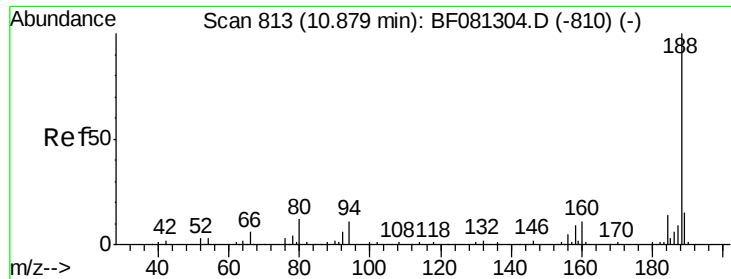
Tot Ion:138 Resp: 69426
Ion Ratio Lower Upper
138 100
92 60.5 12.6 52.6#
108 92.3 12.4 52.4#



#62
Azobenzene
Concen: 41.16 ng
RT: 10.09 min Scan# 744
Delta R.T. 0.00 min
Lab File: BF081472.D
Acq: 5 Sep 2015 18:54

Tgt Ion: 77 Resp: 356985
Ion Ratio Lower Upper
77 100
182 14.4 15.1 55.1#
105 19.6 3.4 43.4
51 37.3 12.0 52.0

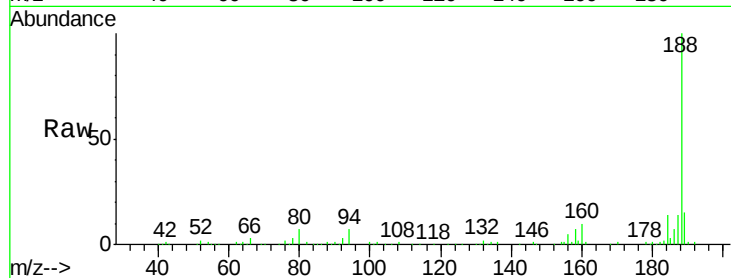




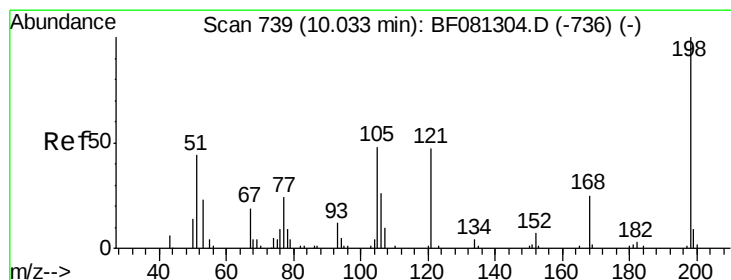
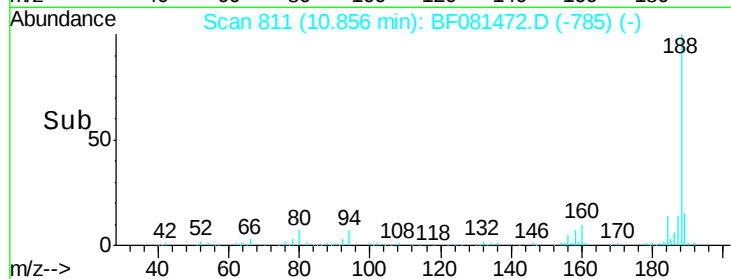
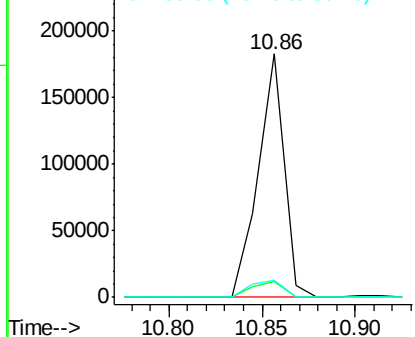
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 10.86 min Scan# 811
 Delta R.T. 0.00 min
 Lab File: BF081472.D
 Acq: 5 Sep 2015 18:54

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	188	Resp	175217
Ion Ratio	100	Lower	Upper
94	6.6	11.1	16.7#
80	6.9	11.0	16.4#

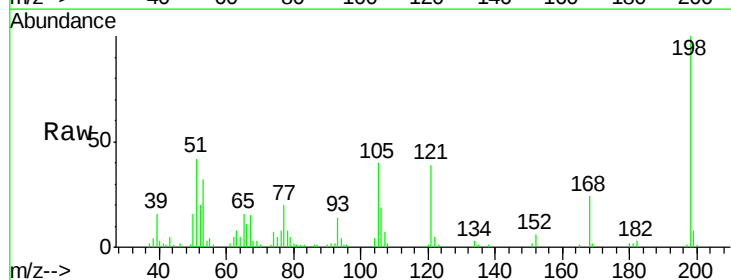


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

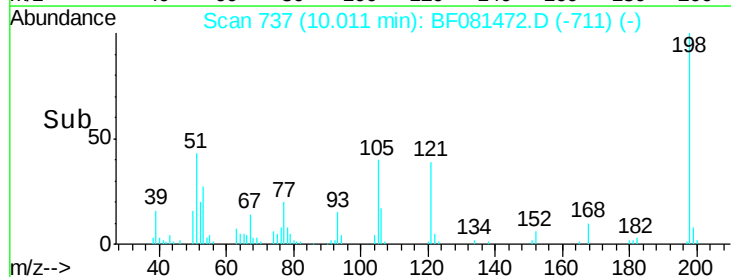
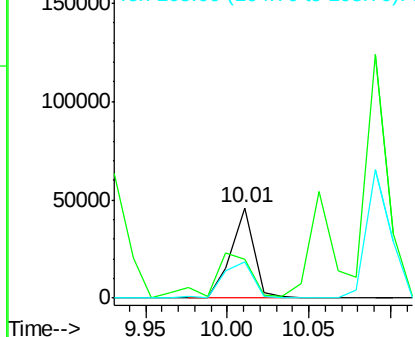


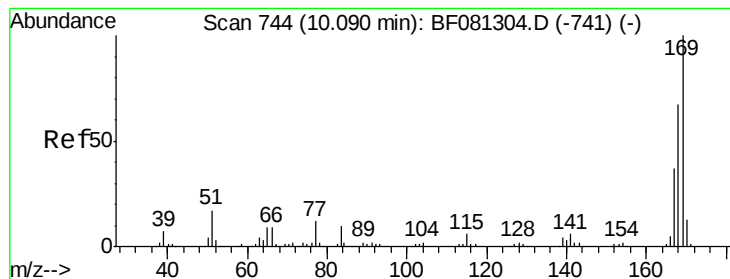
#64
 4,6-Dinitro-2-methylphenol
 Concen: 45.44 ng
 RT: 10.01 min Scan# 737
 Delta R.T. 0.00 min
 Lab File: BF081472.D
 Acq: 5 Sep 2015 18:54

Tgt Ion	198	Resp	44536
Ion Ratio	100	Lower	Upper
51	42.5	39.6	79.6
105	39.6	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

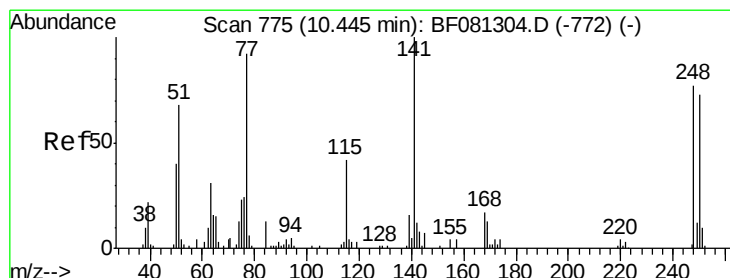
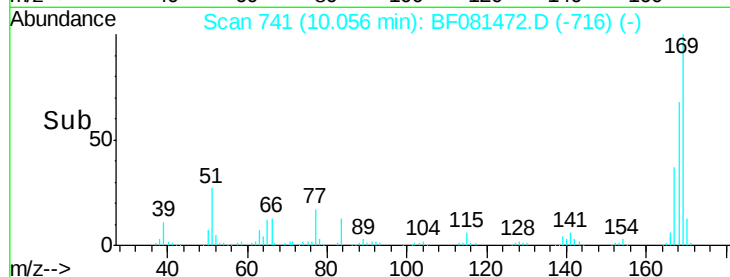
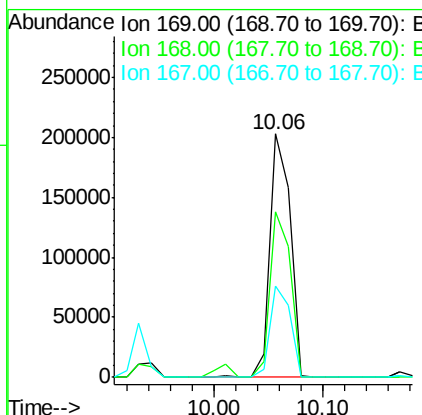
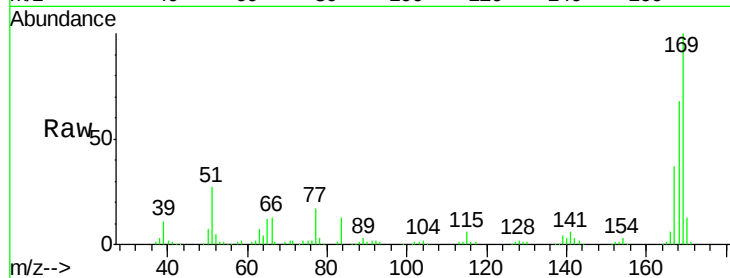




#65
 n-Nitrosodiphenylamine
 Concen: 41.27 ng
 RT: 10.06 min Scan# 741
 Delta R.T. -0.01 min
 Lab File: BF081472.D
 Acq: 5 Sep 2015 18:54

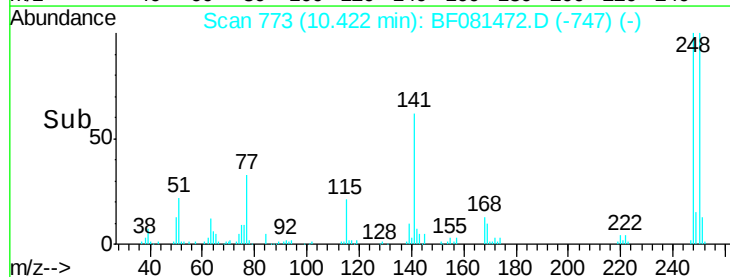
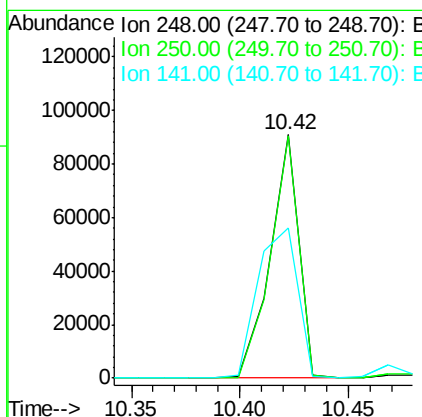
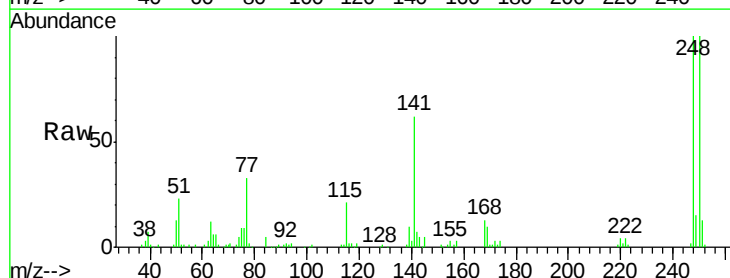
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:169 Resp: 263141
 Ion Ratio Lower Upper
 169 100
 168 68.0 48.9 73.3
 167 37.5 26.2 39.4



#66
 4-Bromophenyl-phenylether
 Concen: 47.31 ng
 RT: 10.42 min Scan# 773
 Delta R.T. 0.00 min
 Lab File: BF081472.D
 Acq: 5 Sep 2015 18:54

Tgt Ion:248 Resp: 83819
 Ion Ratio Lower Upper
 248 100
 250 99.6 78.5 117.7
 141 61.9 59.0 88.6

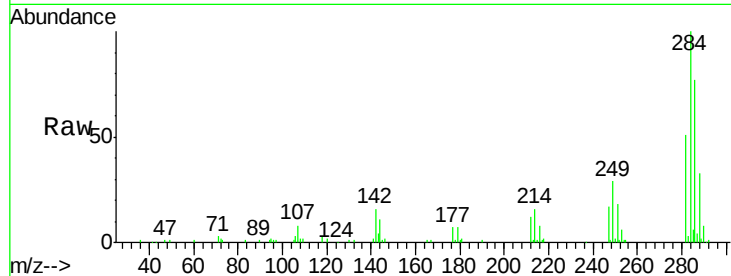




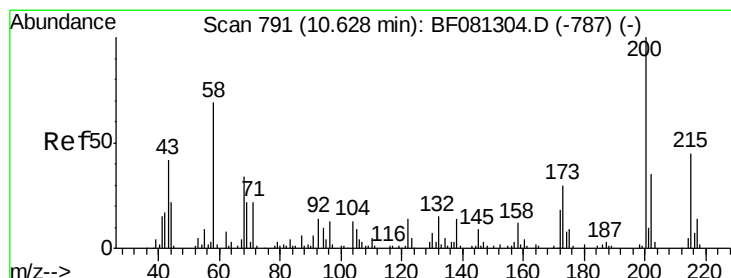
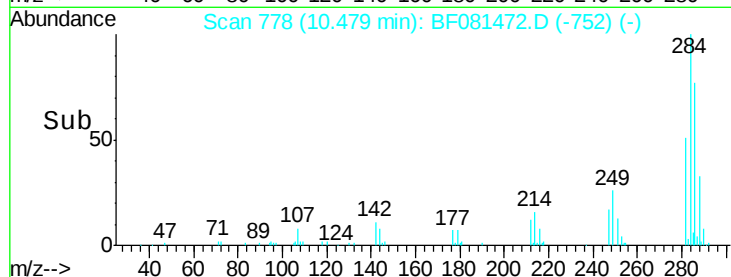
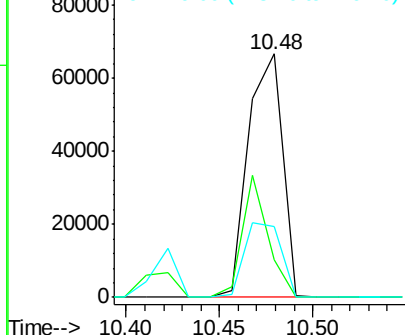
#67
Hexachlorobenzene
Concen: 45.63 ng
RT: 10.48 min Scan# 778
Delta R.T. 0.00 min
Lab File: BF081472.D
Acq: 5 Sep 2015 18:54

Instrument :
BNA_F
ClientSampled :

Tot Ion:284 Resp: 84529
Ion Ratio Lower Upper
284 100
142 15.5 29.5 44.3#
249 28.9 19.5 29.3

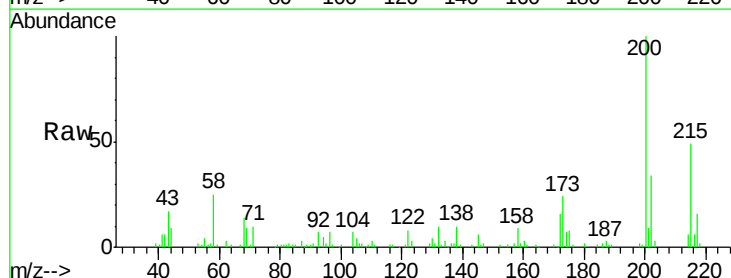


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

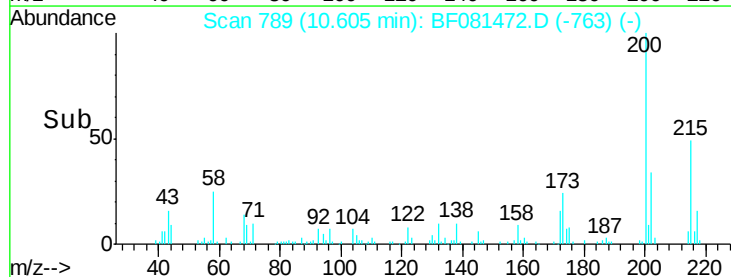
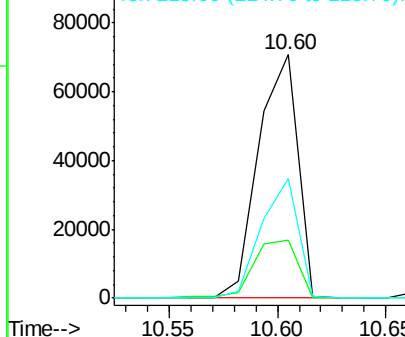


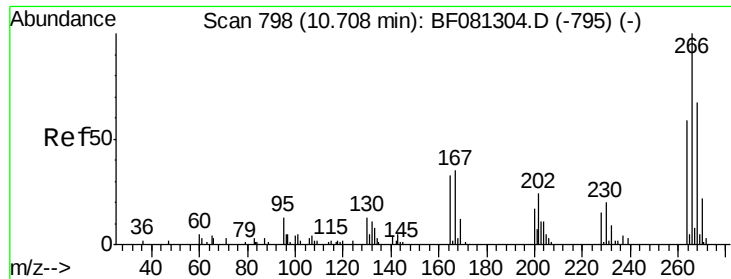
#68
Atrazine
Concen: 48.63 ng
RT: 10.60 min Scan# 789
Delta R.T. 0.00 min
Lab File: BF081472.D
Acq: 5 Sep 2015 18:54

Tgt Ion:200 Resp: 89733
Ion Ratio Lower Upper
200 100
173 23.8 13.2 53.2
215 49.2 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

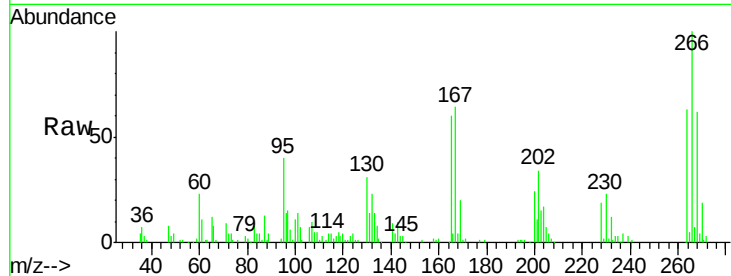




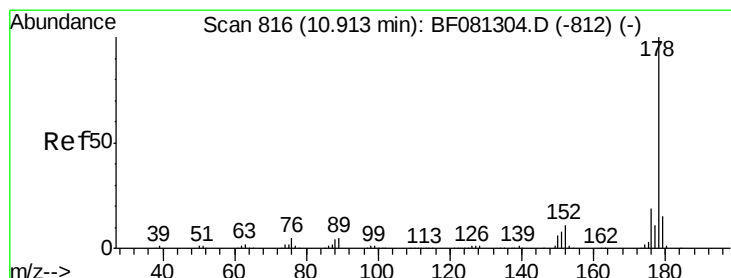
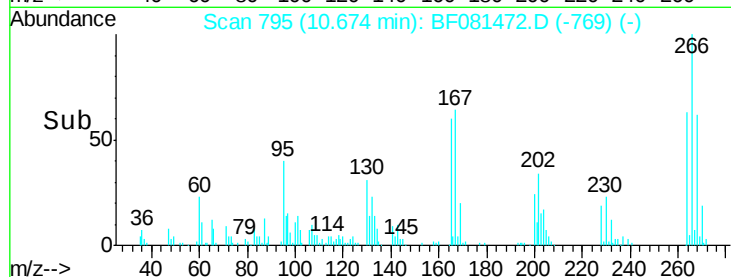
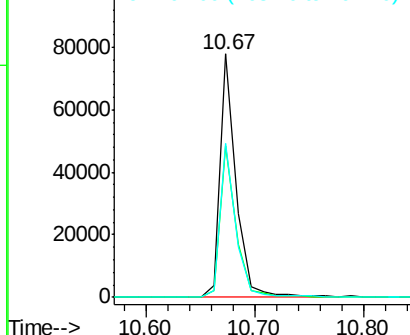
#69
 Pentachlorophenol
 Concen: 87.90 ng
 RT: 10.67 min Scan# 795
 Delta R.T. 0.00 min
 Lab File: BF081472.D
 Acq: 5 Sep 2015 18:54

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:266 Resp: 80139
 Ion Ratio Lower Upper
 266 100
 268 62.4 49.8 74.6
 264 63.3 50.2 75.2

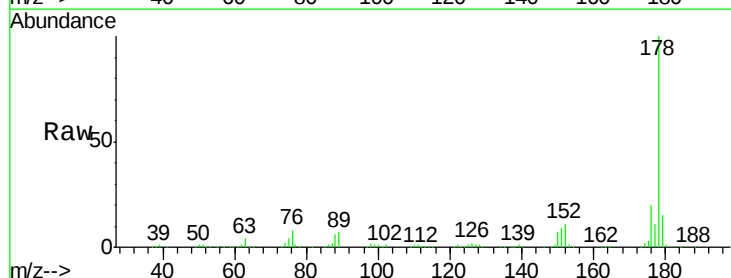


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

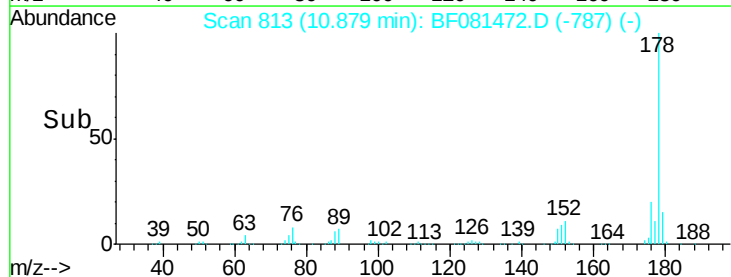
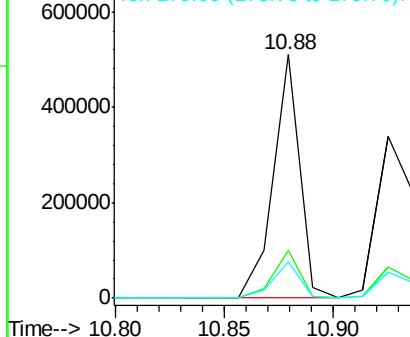


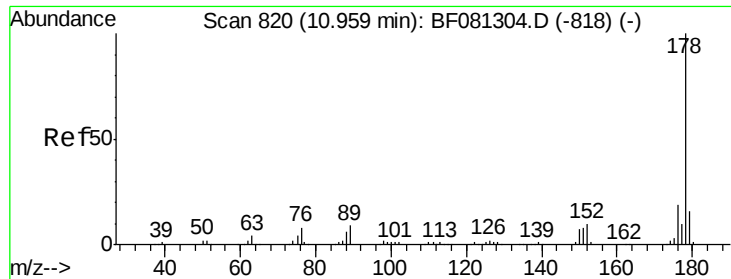
#70
 Phenanthrene
 Concen: 44.60 ng
 RT: 10.88 min Scan# 813
 Delta R.T. 0.00 min
 Lab File: BF081472.D
 Acq: 5 Sep 2015 18:54

Tgt Ion:178 Resp: 434438
 Ion Ratio Lower Upper
 178 100
 176 19.6 13.8 20.8
 179 15.1 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

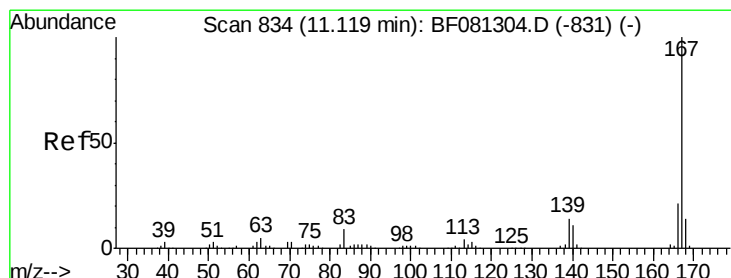
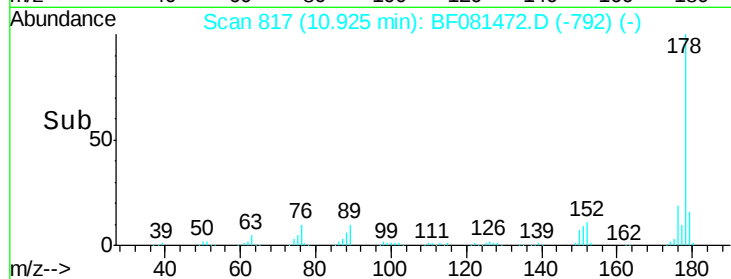
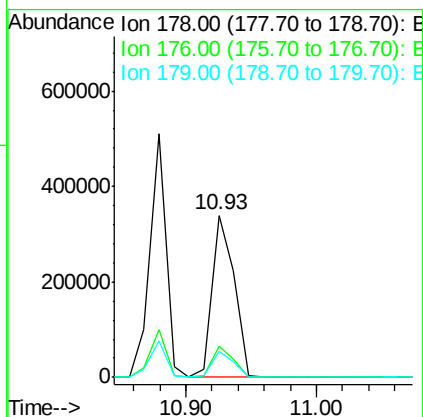
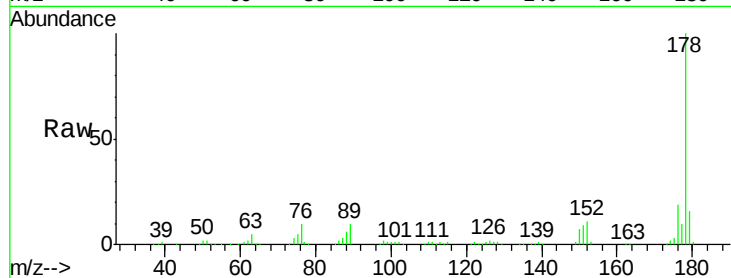




#71
 Anthracene
 Concen: 40.15 ng
 RT: 10.93 min Scan# 817
 Delta R.T. -0.01 min
 Lab File: BF081472.D
 Acq: 5 Sep 2015 18:54

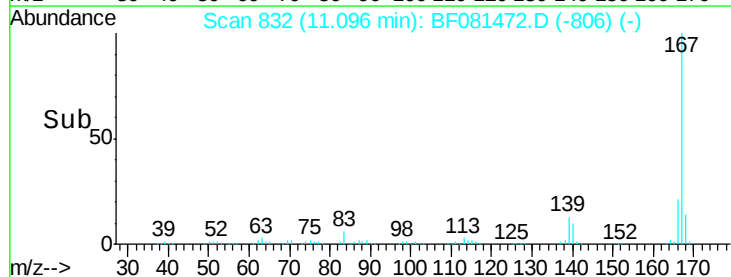
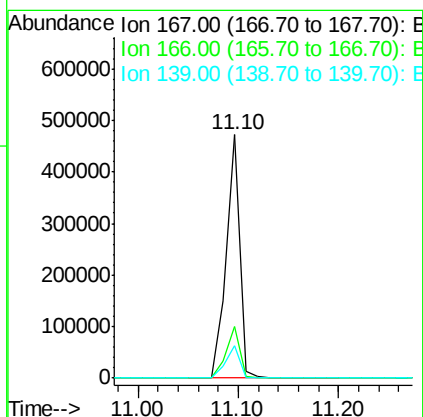
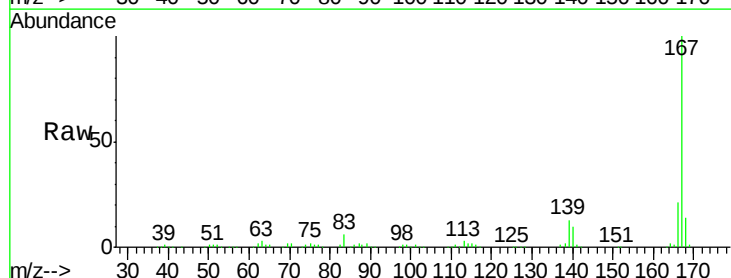
Instrument :
 BNA_F
 ClientSampleId :

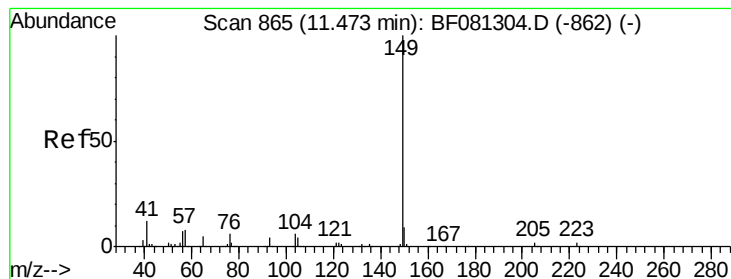
Tot Ion:178 Resp: 401799
 Ion Ratio Lower Upper
 178 100
 176 19.0 14.1 21.1
 179 16.2 12.2 18.2



#72
 Carbazole
 Concen: 47.14 ng
 RT: 11.10 min Scan# 832
 Delta R.T. 0.00 min
 Lab File: BF081472.D
 Acq: 5 Sep 2015 18:54

Tgt Ion:167 Resp: 442662
 Ion Ratio Lower Upper
 167 100
 166 21.4 15.7 23.5
 139 13.1 9.5 14.3





#73

Di-n-butylphthalate

Concen: 47.37 ng

RT: 11.45 min Scan# 863

Delta R.T. 0.00 min

Lab File: BF081472.D

Acq: 5 Sep 2015 18:54

Instrument :

BNA_F

ClientSampleId :

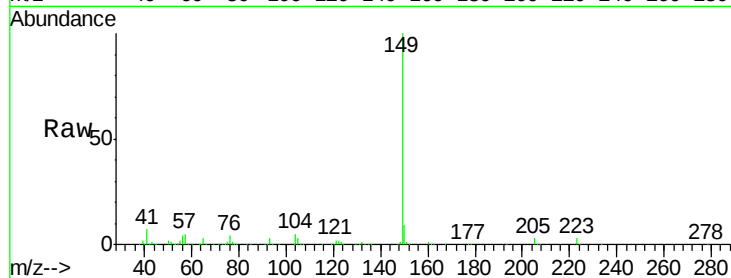
Tot Ion:149 Resp: 525309

Ion Ratio Lower Upper

149 100

150 9.1 7.4 11.2

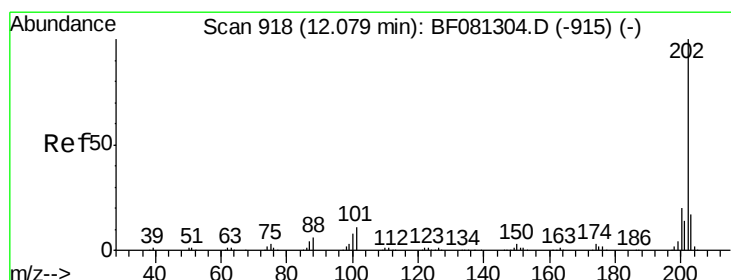
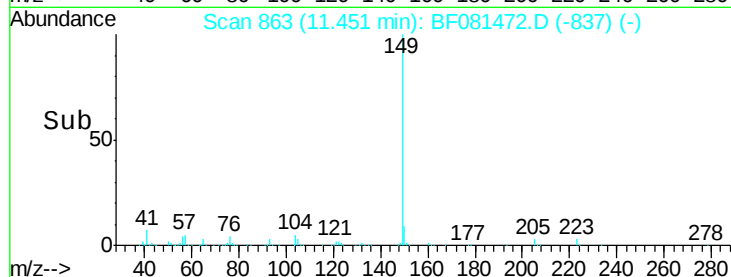
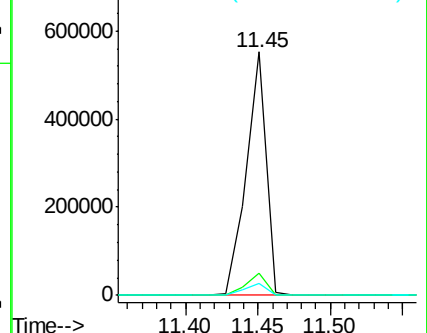
104 4.7 2.4 3.6#



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: 37.28 ng

RT: 12.05 min Scan# 915

Delta R.T. 0.00 min

Lab File: BF081472.D

Acq: 5 Sep 2015 18:54

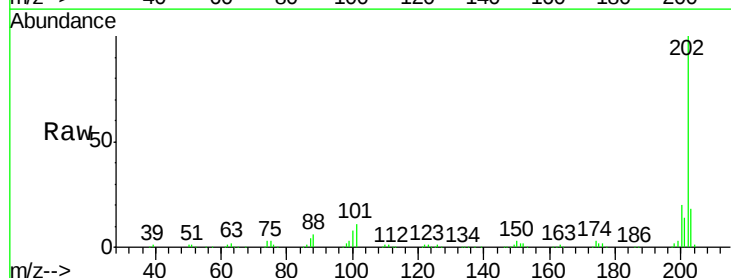
Tgt Ion:202 Resp: 393160

Ion Ratio Lower Upper

202 100

101 10.9 0.0 38.3

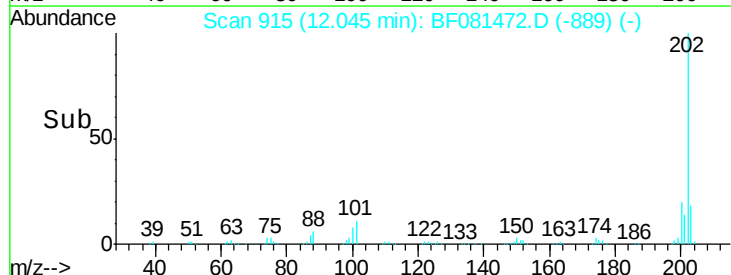
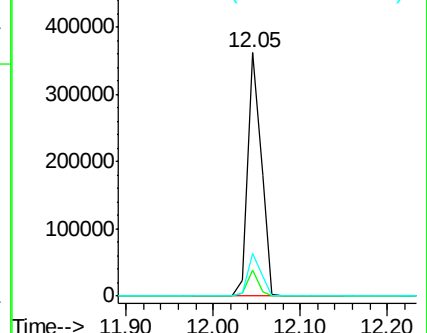
203 17.7 0.0 37.3

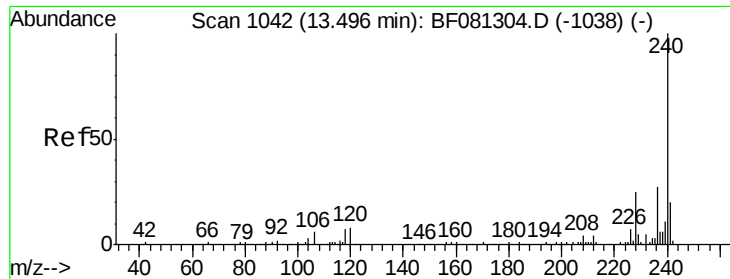


Abundance Ion 202.00 (201.70 to 202.70): E

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: 13.46 min Scan# 1039

Delta R.T. 0.00 min

Lab File: BF081472.D

Acq: 5 Sep 2015 18:54

Instrument :

BNA_F

ClientSampleId :

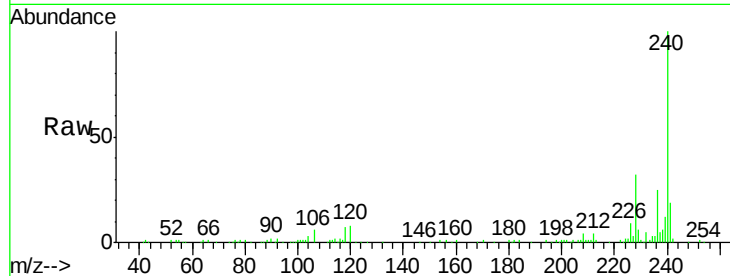
Tot Ion:240 Resp: 117360

Ion Ratio Lower Upper

240 100

120 7.5 16.2 24.2#

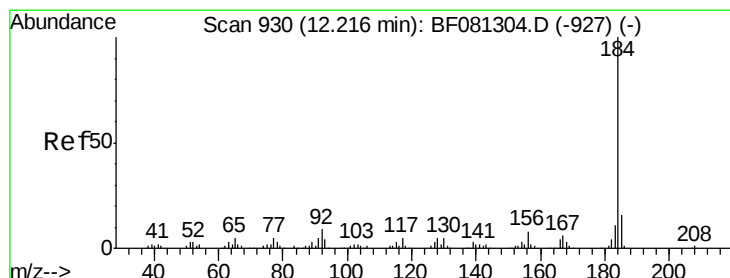
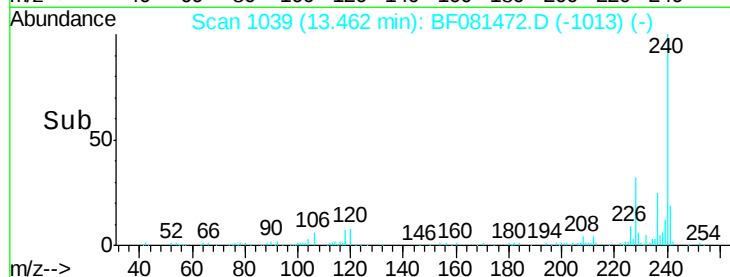
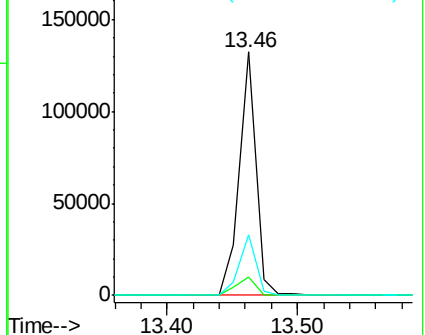
236 25.1 18.4 27.6



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 38.24 ng

RT: 12.19 min Scan# 928

Delta R.T. 0.00 min

Lab File: BF081472.D

Acq: 5 Sep 2015 18:54

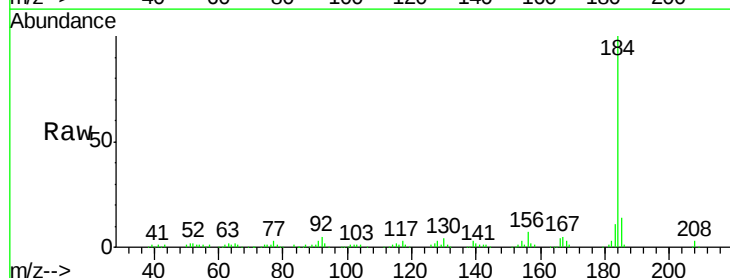
Tgt Ion:184 Resp: 192647

Ion Ratio Lower Upper

184 100

185 14.1 11.8 17.6

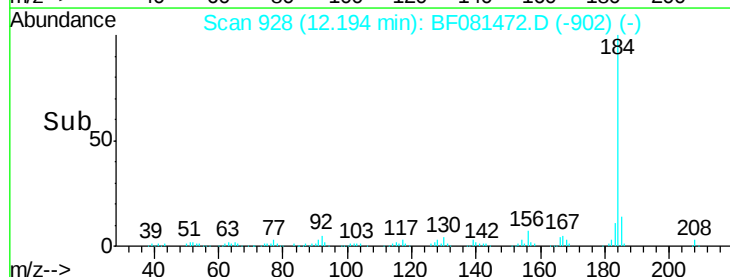
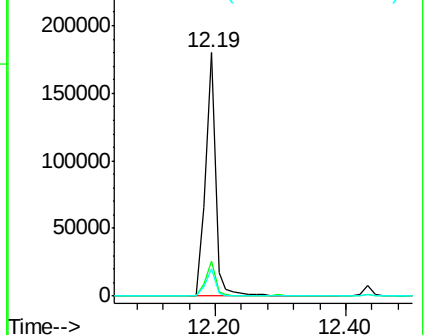
183 11.2 7.6 11.4

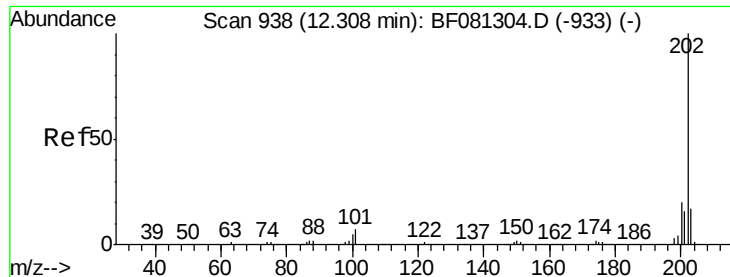


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

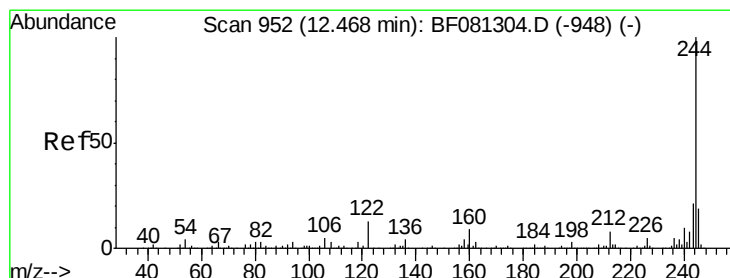
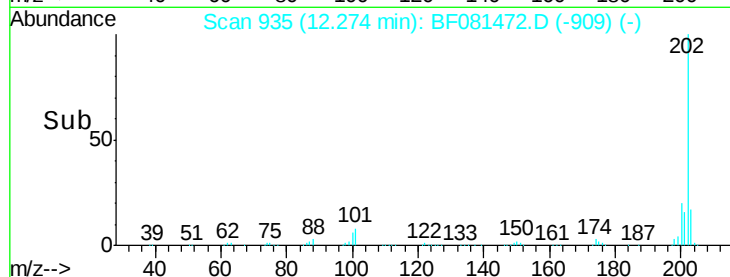
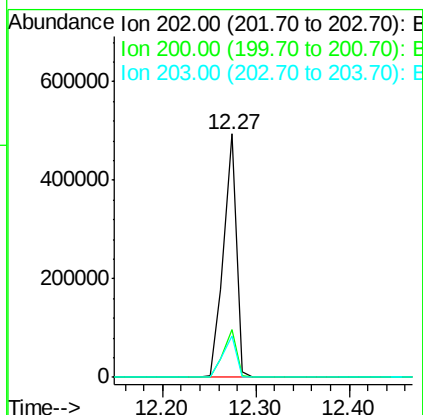
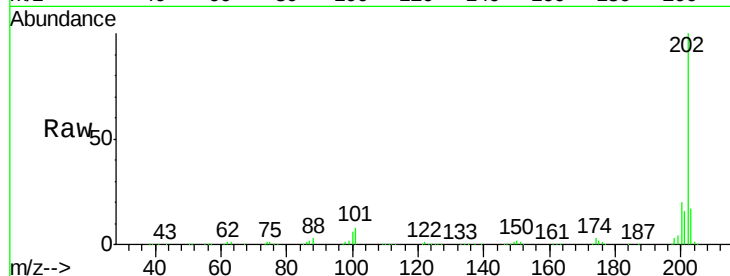




#77
Pvrene
Concen: 54.40 ng
RT: 12.27 min Scan# 935
Delta R.T. 0.00 min
Lab File: BF081472.D
Acq: 5 Sep 2015 18:54

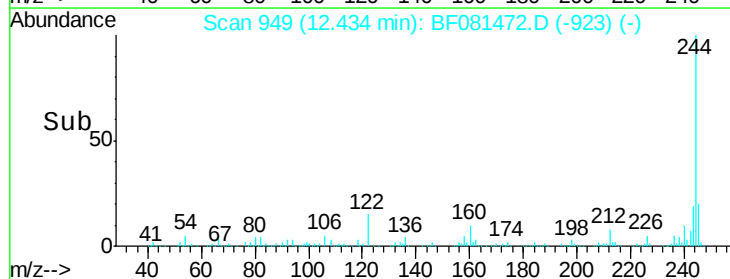
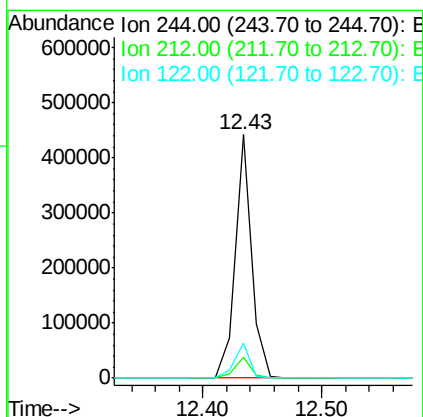
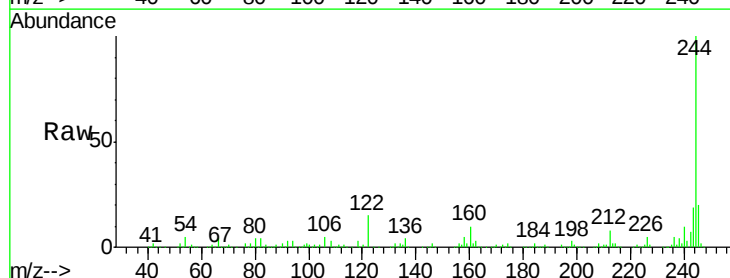
Instrument :
BNA_F
ClientSampleId :

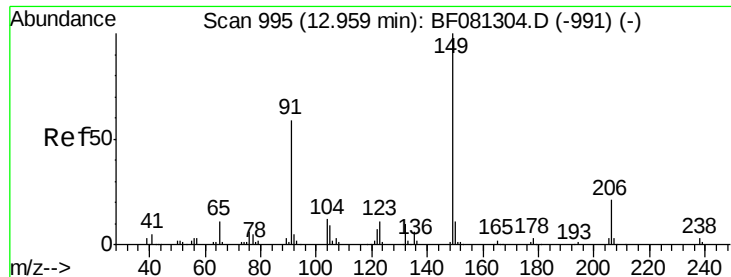
Tot Ion:202 Resp: 472927
Ion Ratio Lower Upper
202 100
200 19.7 15.0 22.4
203 17.2 14.1 21.1



#78
Terphenyl-d14
Concen: 84.05 ng
RT: 12.43 min Scan# 949
Delta R.T. 0.00 min
Lab File: BF081472.D
Acq: 5 Sep 2015 18:54

Tgt Ion:244 Resp: 423757
Ion Ratio Lower Upper
244 100
212 8.3 4.3 6.5#
122 14.5 17.4 26.2#

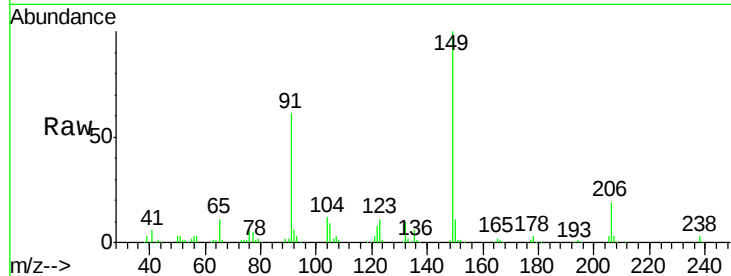




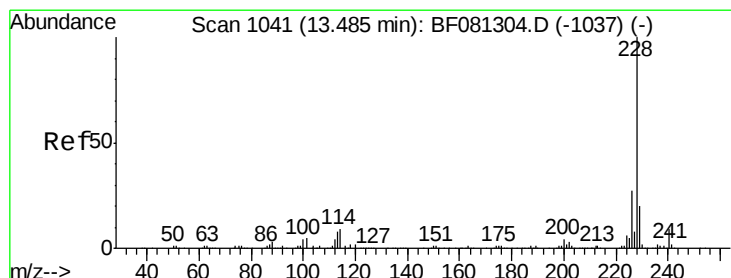
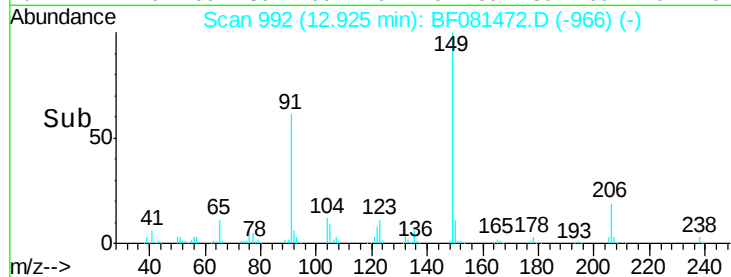
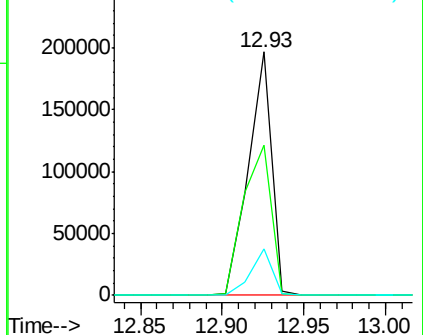
#79
Butylbenzylphthalate
Concen: 51.52 ng
RT: 12.93 min Scan# 992
Delta R.T. 0.00 min
Lab File: BF081472.D
Acq: 5 Sep 2015 18:54

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
149	100		
91	61.4	48.6	72.8
206	19.1	14.9	22.3

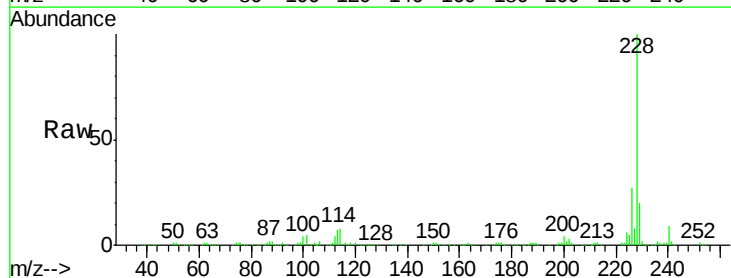


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BF0
Ion 206.00 (205.70 to 206.70): E

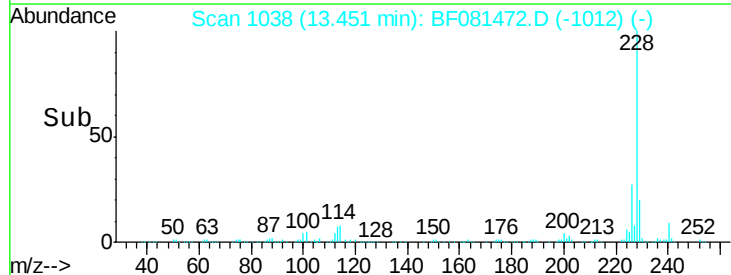
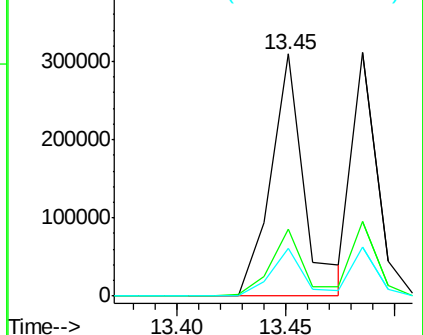


#80
Benzo(a)anthracene
Concen: 44.55 ng
RT: 13.45 min Scan# 1038
Delta R.T. 0.00 min
Lab File: BF081472.D
Acq: 5 Sep 2015 18:54

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.4	20.0	30.0
229	19.9	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

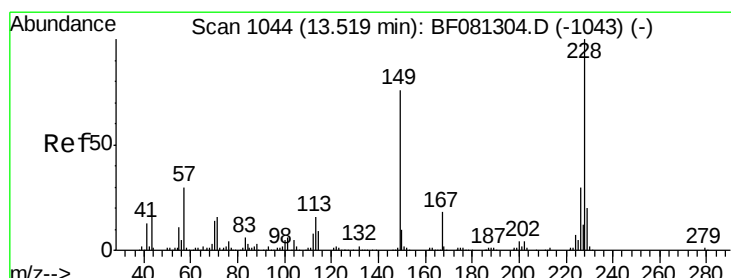
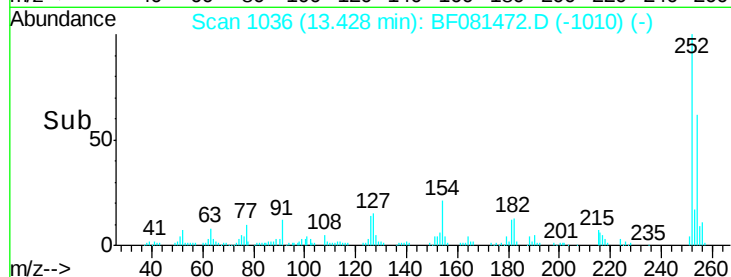
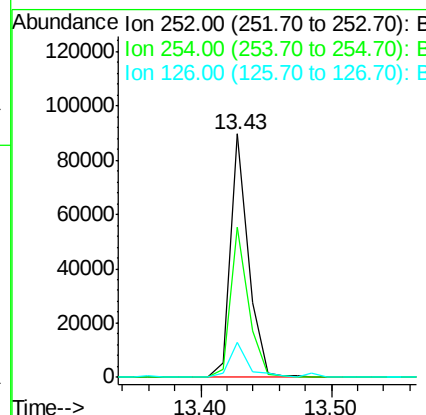
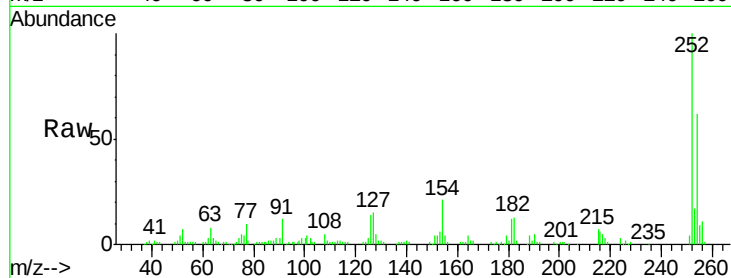




#81
 3,3'-Dichlorobenzidine
 Concen: 34.20 ng
 RT: 13.43 min Scan# 1036
 Delta R.T. 0.00 min
 Lab File: BF081472.D
 Acq: 5 Sep 2015 18:54

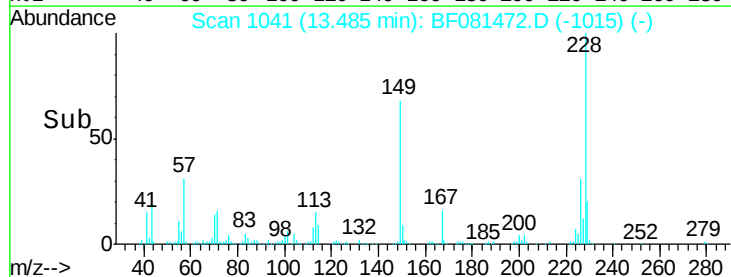
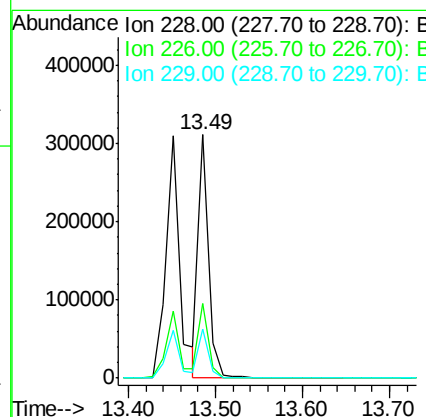
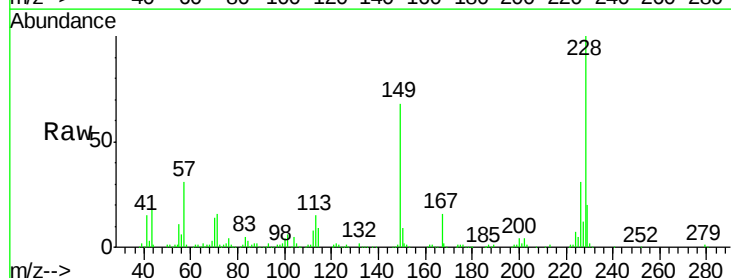
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
252	100		
254	61.7	51.4	77.2
126	14.1	16.4	24.6#



#82
 Chrysene
 Concen: 37.78 ng
 RT: 13.49 min Scan# 1041
 Delta R.T. 0.00 min
 Lab File: BF081472.D
 Acq: 5 Sep 2015 18:54

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.8	21.0	31.4
229	20.0	15.6	23.4

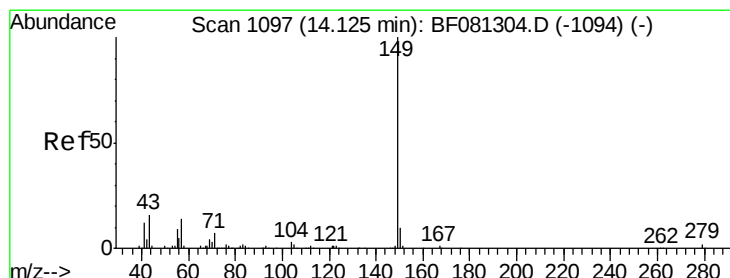
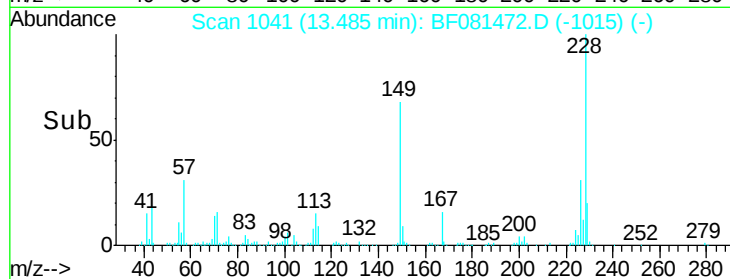
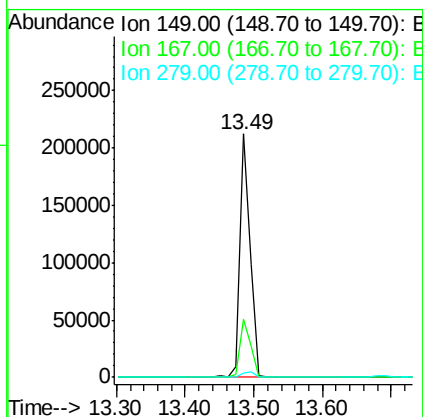
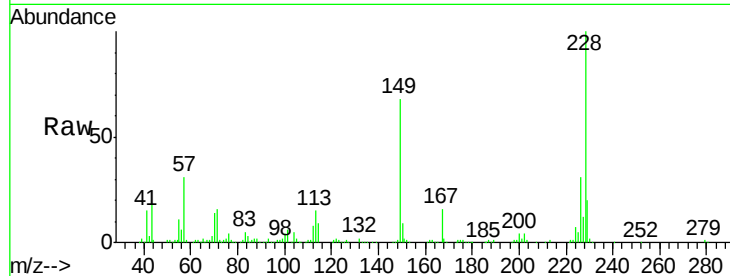




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 45.12 ng
 RT: 13.49 min Scan# 1041
 Delta R.T. 0.00 min
 Lab File: BF081472.D
 Acq: 5 Sep 2015 18:54

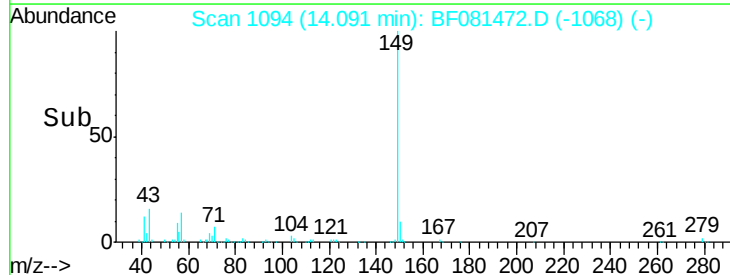
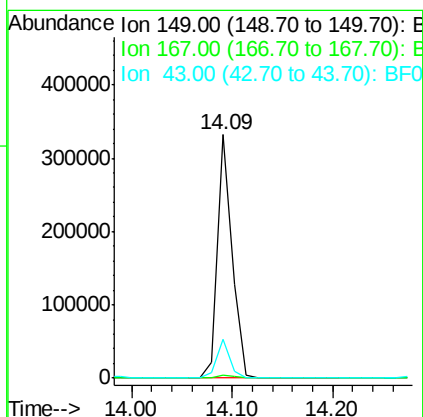
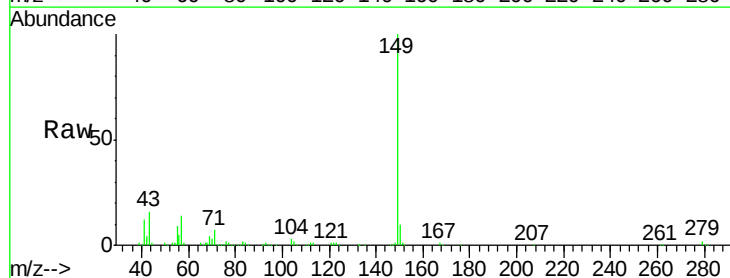
Instrument :
 BNA_F
 ClientSampled :

Tot Ion:149 Resp: 225129
 Ion Ratio Lower Upper
 149 100
 167 24.0 24.2 36.2#
 279 1.5 3.8 5.6#



#84
 Di-n-octyl phthalate
 Concen: 40.73 ng
 RT: 14.09 min Scan# 1094
 Delta R.T. 0.00 min
 Lab File: BF081472.D
 Acq: 5 Sep 2015 18:54

Tgt Ion:149 Resp: 334627
 Ion Ratio Lower Upper
 149 100
 167 1.3 1.0 1.6
 43 14.6 10.2 15.2

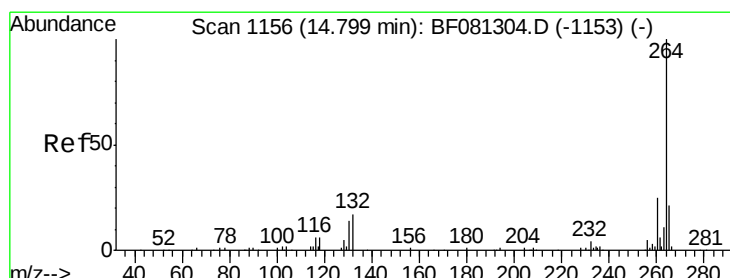
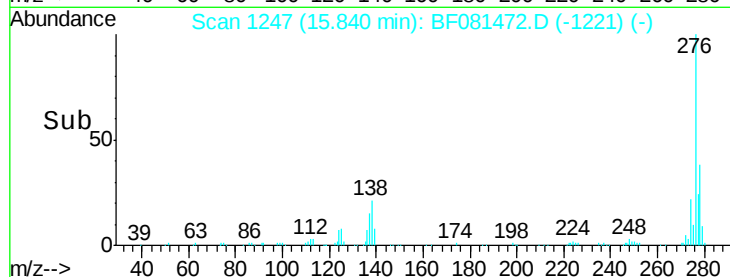
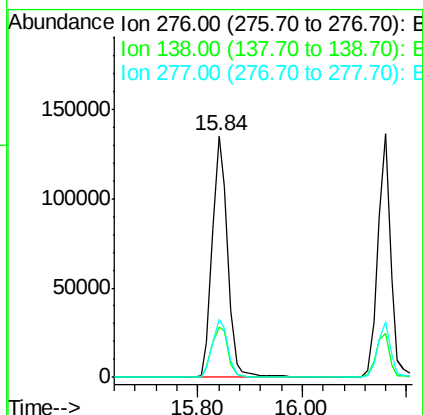
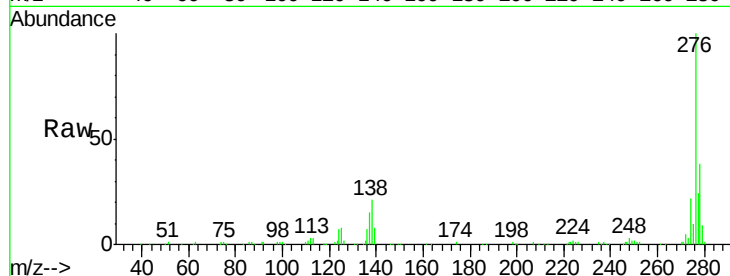




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 56.44 ng
 RT: 15.84 min Scan# 1247
 Delta R.T. 0.00 min
 Lab File: BF081472.D
 Acq: 5 Sep 2015 18:54

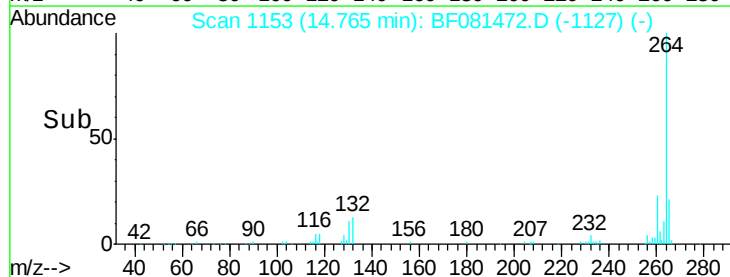
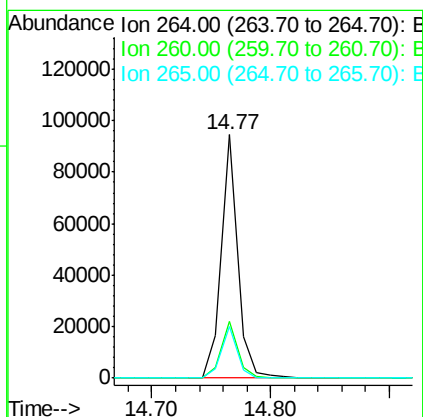
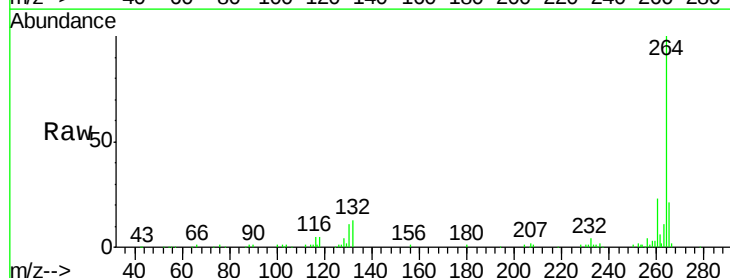
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:276 Resp: 277434
 Ion Ratio Lower Upper
 276 100
 138 22.6 25.7 38.5#
 277 24.3 15.6 23.4#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 14.77 min Scan# 1153
 Delta R.T. 0.00 min
 Lab File: BF081472.D
 Acq: 5 Sep 2015 18:54

Tgt Ion:264 Resp: 90296
 Ion Ratio Lower Upper
 264 100
 260 23.1 16.7 25.1
 265 21.0 17.2 25.8

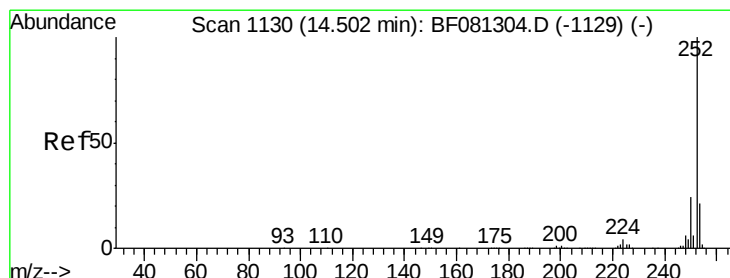
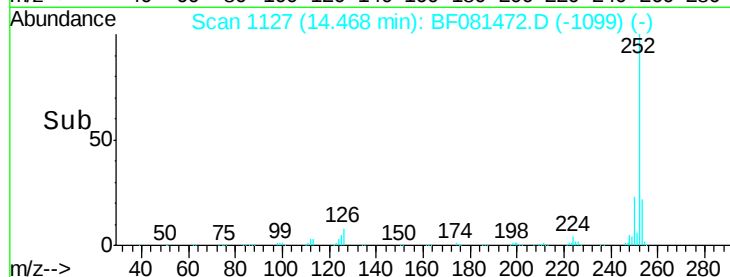
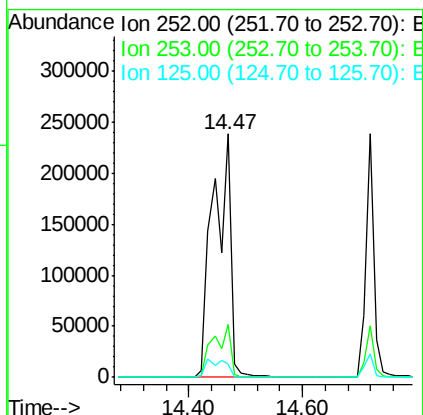
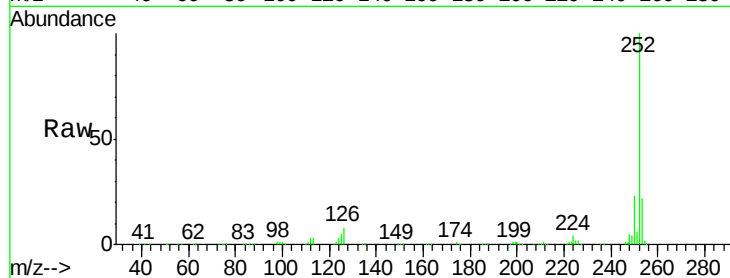




#87
Benzo(b)fluoranthene
Concen: 78.39 ng
RT: 14.47 min Scan# 1127
Delta R.T. 0.02 min
Lab File: BF081472.D
Acq: 5 Sep 2015 18:54

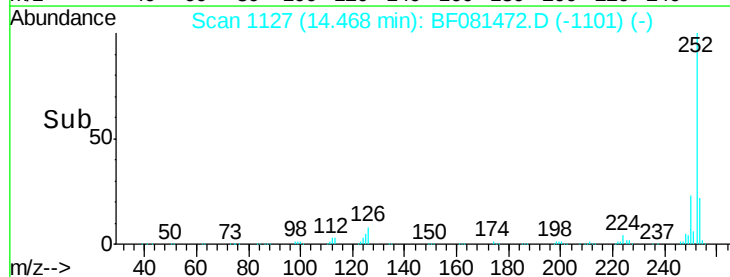
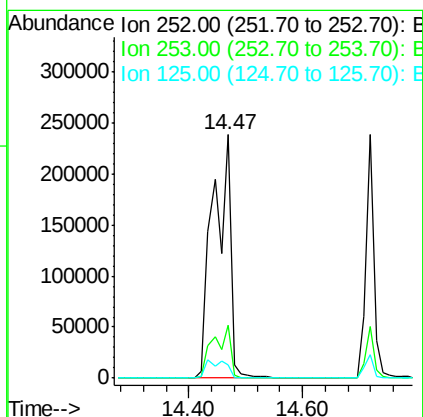
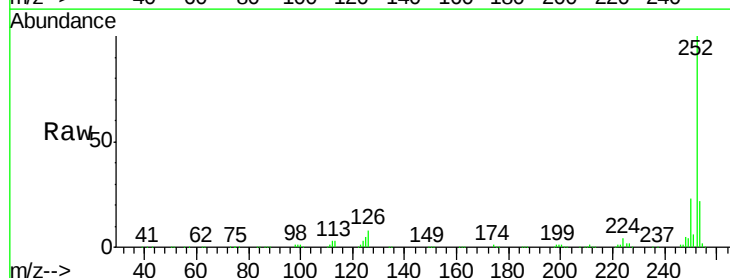
Instrument :
BNA_F
ClientSampleId :

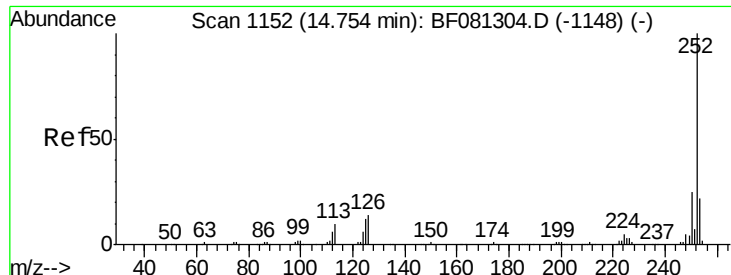
Tot Ion:252 Resp: 505368
Ion Ratio Lower Upper
252 100
253 21.7 17.5 26.3
125 5.5 17.1 25.7#



#88
Benzo(k)fluoranthene
Concen: 94.48 ng
RT: 14.47 min Scan# 1127
Delta R.T. 0.00 min
Lab File: BF081472.D
Acq: 5 Sep 2015 18:54

Tgt Ion:252 Resp: 505368
Ion Ratio Lower Upper
252 100
253 21.7 17.0 25.4
125 5.5 16.0 24.0#

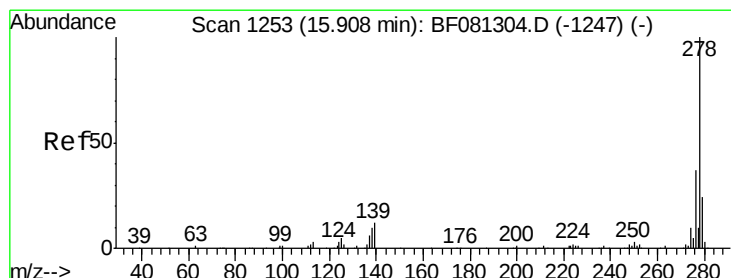
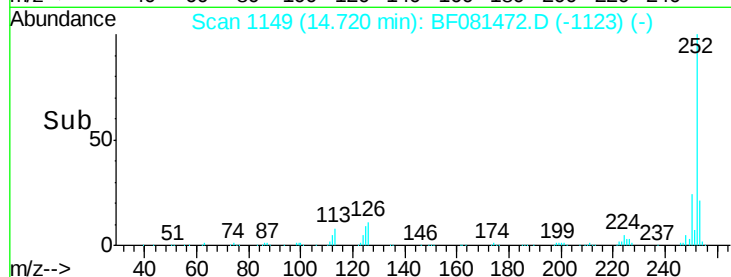
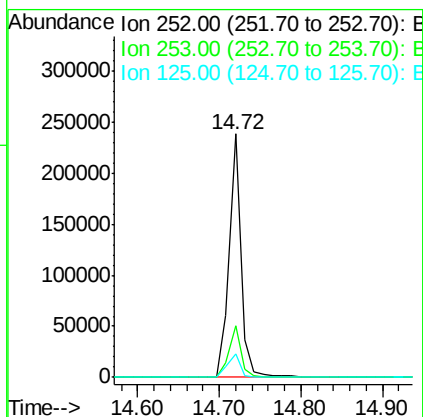
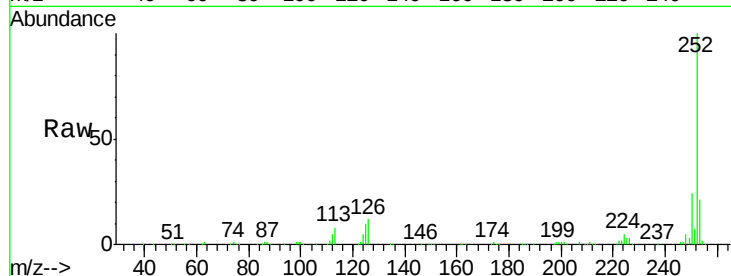




#89
Benzo(a)pyrene
Concen: 44.40 ng
RT: 14.72 min Scan# 1149
Delta R.T. 0.00 min
Lab File: BF081472.D
Acq: 5 Sep 2015 18:54

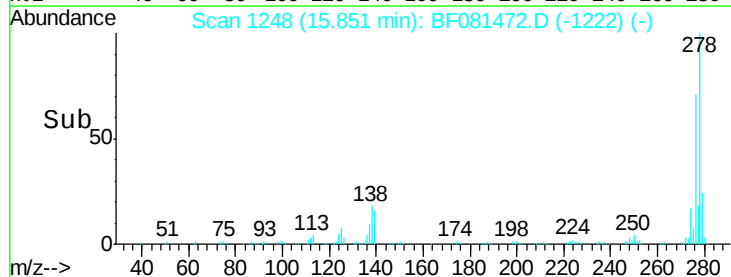
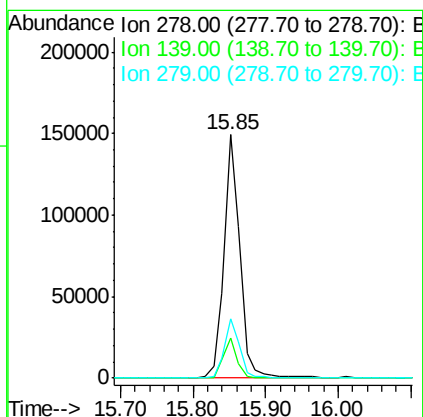
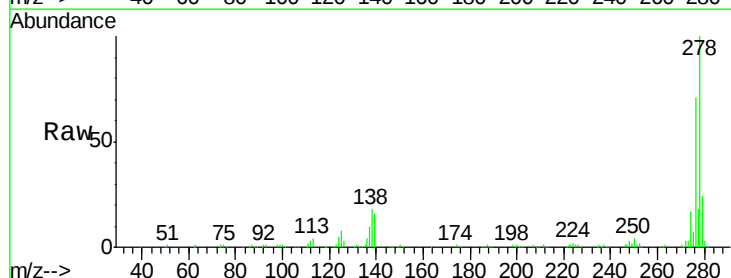
Instrument :
BNA_F
ClientSampleId :

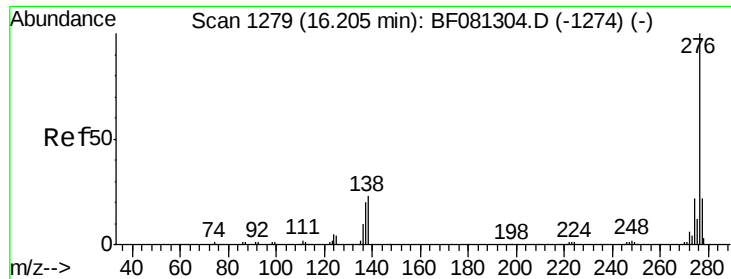
Tot Ion:252 Resp: 242518
Ion Ratio Lower Upper
252 100
253 21.3 17.2 25.8
125 9.7 18.0 27.0#



#90
Dibenzo(a,h)anthracene
Concen: 53.99 ng
RT: 15.85 min Scan# 1248
Delta R.T. 0.00 min
Lab File: BF081472.D
Acq: 5 Sep 2015 18:54

Tgt Ion:278 Resp: 227905
Ion Ratio Lower Upper
278 100
139 16.3 26.3 39.5#
279 24.4 18.2 27.4





#91

Benzo(a,h,i)perylene

Concen: 58.50 ng

RT: 16.16 min Scan# 1275

Delta R.T. 0.00 min

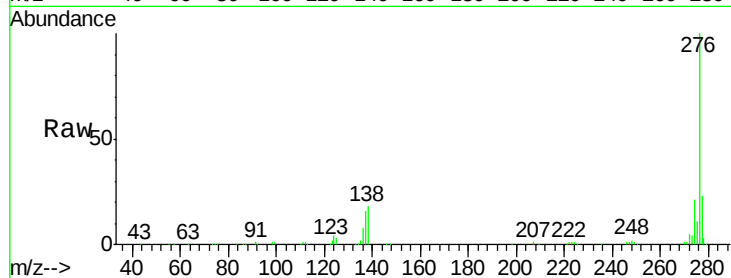
Lab File: BF081472.D

Acq: 5 Sep 2015 18:54

Instrument :

BNA_F

ClientSampleId :



Tot Ion: 276 Resp: 235696

Ion Ratio Lower Upper

276 100

277 22.6 17.8 26.6

138 18.2 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

