

Data Path : Z:\HPCHEM1\BNA F\DATA\BF090415\
 Data File : BF081436.D
 Acq On : 4 Sep 2015 23:58
 Operator : UM/IZ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Sep 07 01:52:01 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF090115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 01 17:35:35 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.36	152	71506	20.00	ng	-0.02
21) Naphthalene-d8	7.66	136	292467	20.00	ng	-0.02
38) Acenaphthene-d10	9.39	164	141248	20.00	ng	-0.02
63) Phenanthrene-d10	10.86	188	269901	20.00	ng	-0.02
75) Chrysene-d12	13.46	240	206534	20.00	ng	-0.03
86) Perylene-d12	14.77	264	149024	20.00	ng	-0.03

System Monitoring Compounds

5) 2-Fluorophenol	4.90	112	389343	84.48	ng	-0.02
7) Phenol-d6	6.03	99	494851	81.12	ng	-0.02
23) Nitrobenzene-d5	6.95	82	505247	83.35	ng	-0.02
41) 2,4,6-Tribromophenol	10.18	330	95210	75.70	ng	-0.02
44) 2-Fluorobiphenyl	8.73	172	747427	67.81	ng	-0.03
78) Terphenyl-d14	12.44	244	761295	85.81	ng	-0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	1.67	88	87096	42.08	ng	95
3) Pyridine	2.22	79	217710	38.14	ng	# 89
4) n-Nitrosodimethylamine	2.18	42	141731	44.70	ng	# 75
6) Aniline	6.02	93	353204	41.00	ng	# 79
8) 2-Chlorophenol	6.15	128	213831	42.10	ng	88
9) Benzaldehyde	5.90	77	157487	41.20	ng	# 75
10) Phenol	6.04	94	286600	40.51	ng	# 53
11) bis(2-Chloroethyl)ether	6.11	93	204737	40.11	ng	87
12) 1,3-Dichlorobenzene	6.30	146	223632	41.21	ng	# 90
13) 1,4-Dichlorobenzene	6.38	146	222102	40.20	ng	# 88
14) 1,2-Dichlorobenzene	6.54	146	193758	38.95	ng	97
15) Benzyl Alcohol	6.52	79	203376	40.64	ng	# 69
16) 2,2'-oxybis(1-Chloropropan	6.67	45	431210	44.07	ng	84
17) 2-Methylphenol	6.66	107	174432	43.04	ng	# 75
18) Hexachloroethane	6.87	117	85816	39.92	ng	91
19) n-Nitroso-di-n-propylamine	6.81	70	184910	44.54	ng	# 85
20) 3+4-Methylphenols	6.82	107	227657	41.67	ng	90
22) Acetophenone	6.80	105	308225	38.58	ng	# 84
24) Nitrobenzene	6.96	77	226736	36.02	ng	# 61
25) Isophorone	7.21	82	456269	40.47	ng	# 85
26) 2-Nitrophenol	7.28	139	113064	41.21	ng	# 42
27) 2,4-Dimethylphenol	7.35	122	195691	41.29	ng	# 82
28) bis(2-Chloroethoxy)methane	7.44	93	256332	39.36	ng	# 93
29) 2,4-Dichlorophenol	7.53	162	169876	41.34	ng	94
30) 1,2,4-Trichlorobenzene	7.60	180	175510	39.31	ng	97
31) Naphthalene	7.68	128	599949	38.46	ng	99
32) Benzoic acid	7.51	122	113801	34.40	ng	# 54
33) 4-Chloroaniline	7.74	127	228758	35.96	ng	# 78
34) Hexachlorobutadiene	7.80	225	106603	39.24	ng	99
35) Caprolactam	8.14	113	58026	46.04	ng	# 61
36) 4-Chloro-3-methylphenol	8.25	107	196649	42.75	ng	86
37) 2-Methylnaphthalene	8.36	142	408224	40.22	ng	# 89
39) 1,2,4,5-Tetrachlorobenzene	8.54	216	159120	35.62	ng	99
40) Hexachlorocyclopentadiene	8.51	237	71448	32.59	ng	96

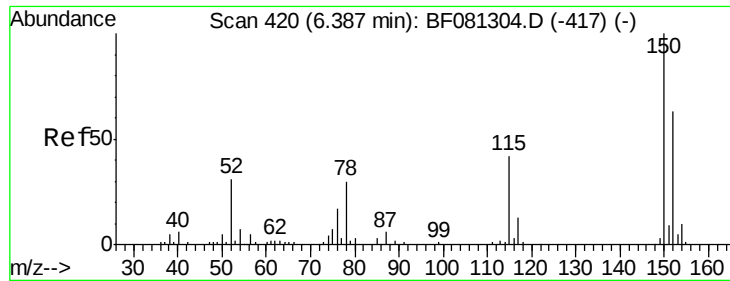
Data Path : Z:\HPCHEM1\BNA F\DATA\BF090415\
 Data File : BF081436.D
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 Operator : UM/IZ
 Sample : SSTDCCC040
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 01 17:35:35 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.65	196	114359	37.10	nq	98
43) 2,4,5-Trichlorophenol	8.70	196	121712	38.70	nq	# 87
45) 1,1'-Biphenyl	8.83	154	503410	38.74	nq	95
46) 2-Chloronaphthalene	8.84	162	329900	35.15	nq	# 88
47) 2-Nitroaniline	8.96	65	174184	45.54	nq	# 65
48) Acenaphthylene	9.26	152	637171	38.27	nq	97
49) Dimethylphthalate	9.15	163	439979	40.09	nq	# 97
50) 2,6-Dinitrotoluene	9.21	165	92465	37.12	nq	# 94
51) Acenaphthene	9.43	154	366690	38.72	nq	89
52) 3-Nitroaniline	9.37	138	110886	39.11	nq	# 47
53) 2,4-Dinitrophenol	9.47	184	40743	38.84	nq	# 1
54) Dibenzofuran	9.60	168	534371	38.64	nq	# 90
55) 4-Nitrophenol	9.60	139	289714	162.63	nq	# 31
56) 2,4-Dinitrotoluene	9.60	165	115725	36.49	nq	# 7
57) Fluorene	9.93	166	366906	34.96	nq	95
58) 2,3,4,6-Tetrachlorophenol	9.72	232	95943	39.96	nq	# 87
59) Diethylphthalate	9.84	149	417092	36.13	nq	94
60) 4-Chlorophenyl-phenylether	9.94	204	196963	40.27	nq	99
61) 4-Nitroaniline	9.98	138	101745	35.52	nq	# 25
62) Azobenzene	10.09	77	472657	36.83	nq	# 79
64) 4,6-Dinitro-2-methylphenol	10.01	198	67236	44.54	nq	98
65) n-Nitrosodiphenylamine	10.07	169	373470	38.03	nq	89
66) 4-Bromophenyl-phenylether	10.42	248	109891	40.27	nq	99
67) Hexachlorobenzene	10.48	284	112655	39.48	nq	# 78
68) Atrazine	10.60	200	120117	42.26	nq	82
69) Pentachlorophenol	10.67	266	57539	45.64	nq	98
70) Phenanthrene	10.88	178	541387	36.08	nq	96
71) Anthracene	10.94	178	608992	39.50	nq	98
72) Carbazole	11.10	167	556788	38.49	nq	95
73) Di-n-butylphthalate	11.45	149	734727	43.01	nq	# 98
74) Fluoranthene	12.06	202	658045	40.51	nq	86
76) Benzidine	12.19	184	291650	32.89	nq	98
77) Pyrene	12.27	202	615228	40.21	nq	98
79) Butylbenzylphthalate	12.92	149	312754	47.01	nq	# 85
80) Benzo(a)anthracene	13.45	228	507727	38.60	nq	97
81) 3,3'-Dichlorobenzidine	13.44	252	169487	38.20	nq	# 92
82) Chrysene	13.50	228	472235	40.05	nq	95
83) Bis(2-ethylhexyl)phthalate	13.50	149	373177	42.50	nq	# 94
84) Di-n-octyl phthalate	14.10	149	585541	40.50	nq	97
85) Indeno(1,2,3-cd)pyrene	15.84	276	371788	42.98	nq	# 90
87) Benzo(b)fluoranthene	14.47	252	798539	75.06	nq	# 88
88) Benzo(k)fluoranthene	14.47	252	798539	90.46	nq	# 88
89) Benzo(a)pyrene	14.72	252	340662	37.79	nq	# 90
90) Dibenzo(a,h)anthracene	15.86	278	308503	44.28	nq	# 77
91) Benzo(g,h,i)perylene	16.16	276	292183	43.94	nq	# 79

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

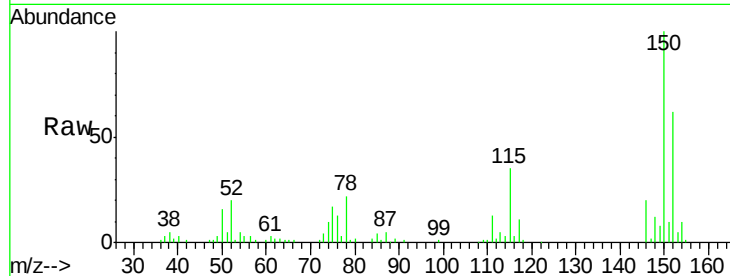


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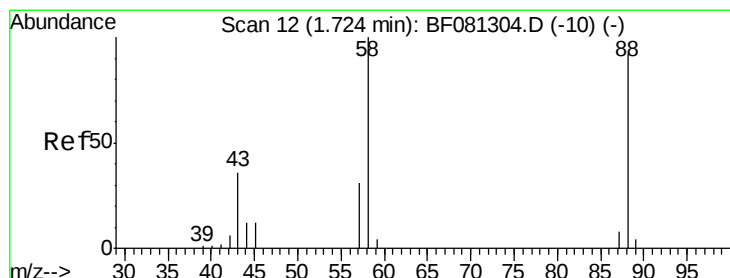
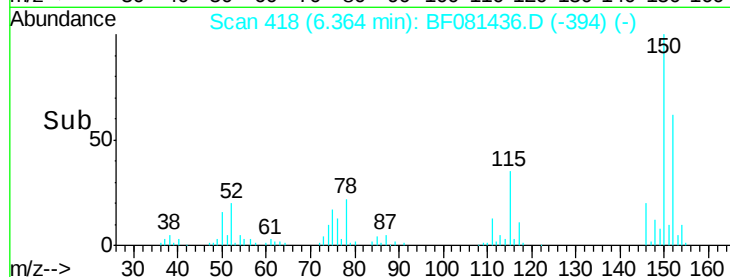
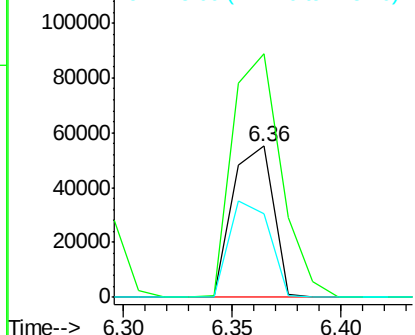
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.36 min Scan# 418
Delta R.T. -0.02 min
Lab File: BF081436.D
Acq: 4 Sep 2015 23:58

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 71506
Ion Ratio Lower Upper
152 100
150 161.4 124.7 187.1
115 55.7 39.0 58.4



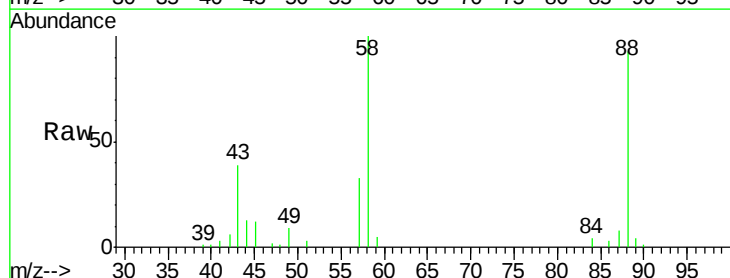
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



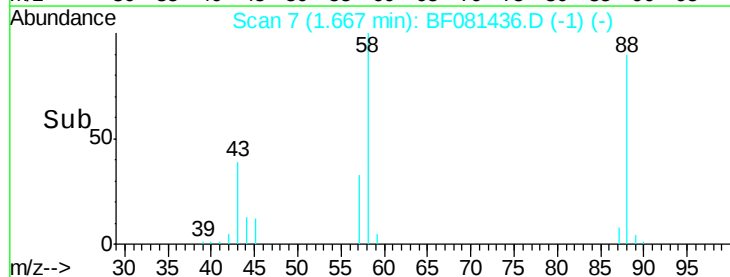
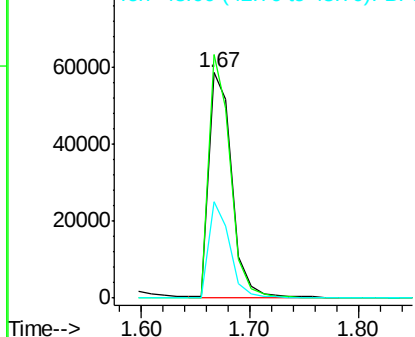
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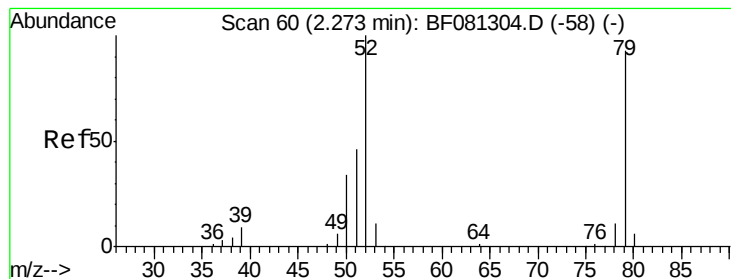
1,4-Dioxane
Concen: 42.08 ng
RT: 1.67 min Scan# 7
Delta R.T. -0.06 min
Lab File: BF081436.D
Acq: 4 Sep 2015 23:58

Tgt Ion: 88 Resp: 87096
Ion Ratio Lower Upper
88 100
58 100.1 77.7 116.5
43 39.1 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: 38.14 ng

RT: 2.22 min Scan# 55

Delta R.T. -0.06 min

Lab File: BF081436.D

Acq: 4 Sep 2015 23:58

Instrument :

BNA_F

ClientSampleId :

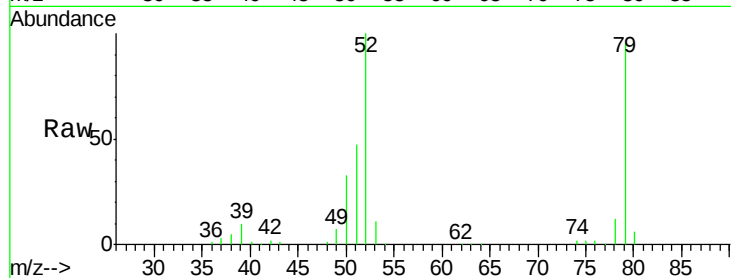
Tot Ion: 79 Resp: 217710

Ion Ratio Lower Upper

79 100

52 104.8 76.8 115.2

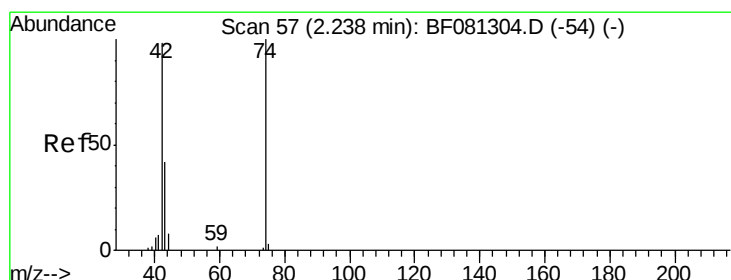
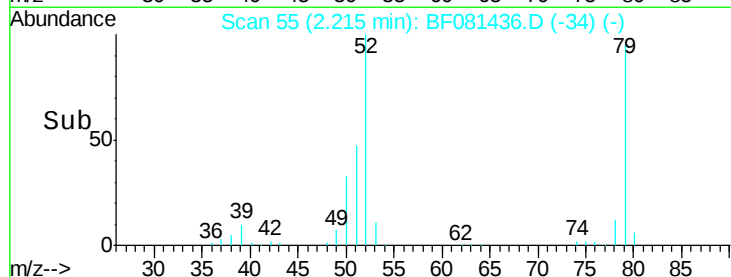
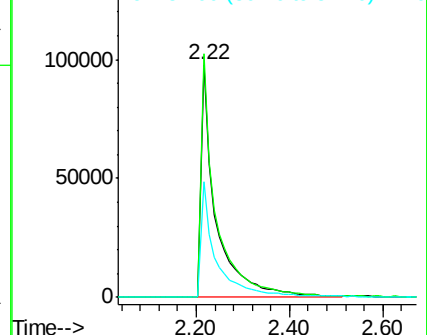
51 49.6 32.2 48.4#



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: 44.70 ng

RT: 2.18 min Scan# 52

Delta R.T. -0.06 min

Lab File: BF081436.D

Acq: 4 Sep 2015 23:58

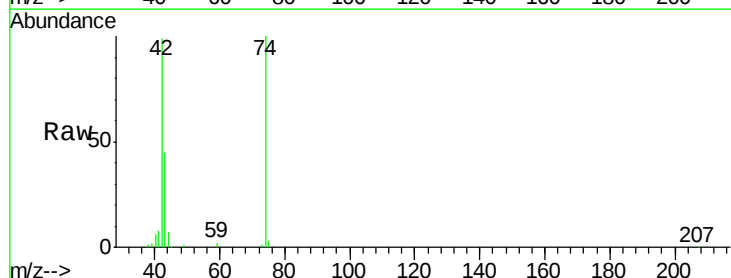
Tgt Ion: 42 Resp: 141731

Ion Ratio Lower Upper

42 100

74 100.6 105.0 157.6#

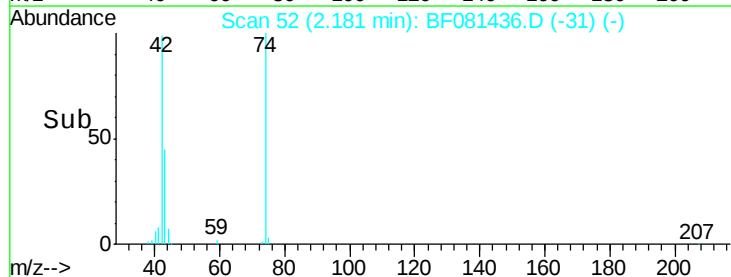
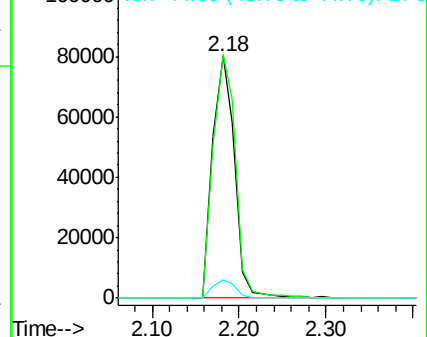
44 7.5 6.6 10.0



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: 84.48 ng

RT: 4.90 min Scan# 290

Delta R.T. -0.02 min

Lab File: BF081436.D

Acq: 4 Sep 2015 23:58

Instrument :

BNA_F

ClientSampled :

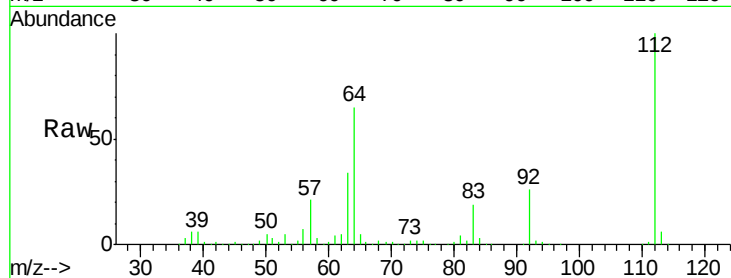
Tot Ion:112 Resp: 389343

Ion Ratio Lower Upper

112 100

64 65.0 39.7 59.5#

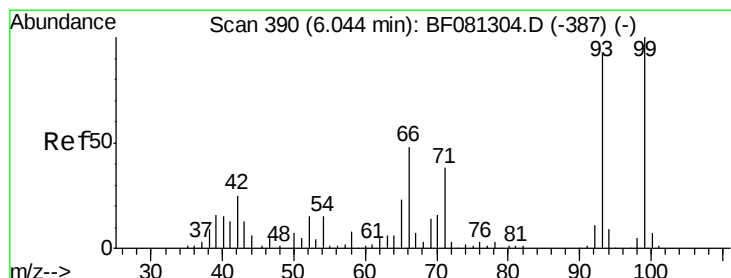
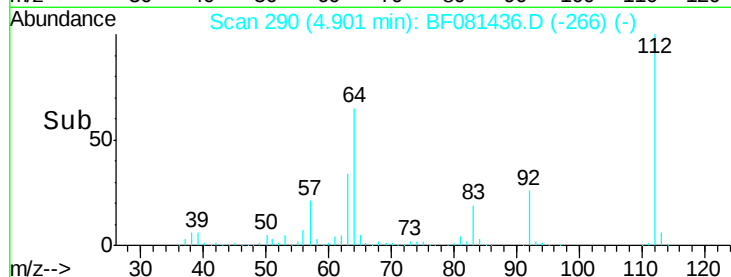
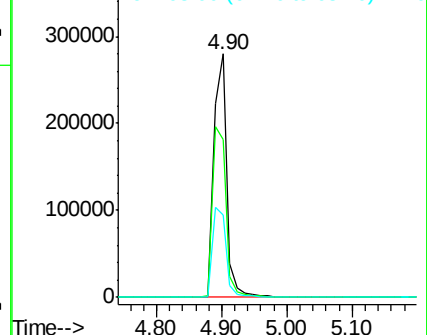
63 33.9 17.4 26.0#



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: 41.00 ng

RT: 6.02 min Scan# 388

Delta R.T. -0.02 min

Lab File: BF081436.D

Acq: 4 Sep 2015 23:58

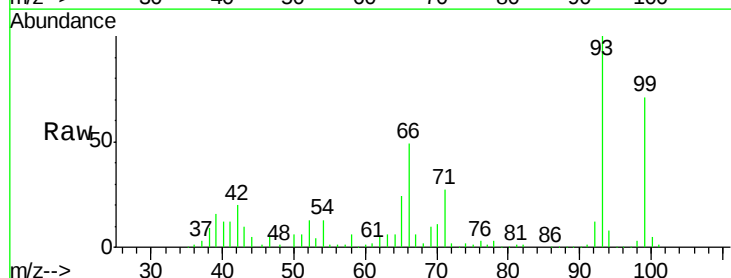
Tgt Ion: 93 Resp: 353204

Ion Ratio Lower Upper

93 100

66 49.0 27.2 40.8#

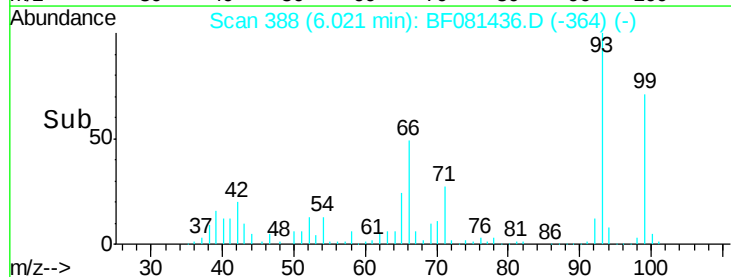
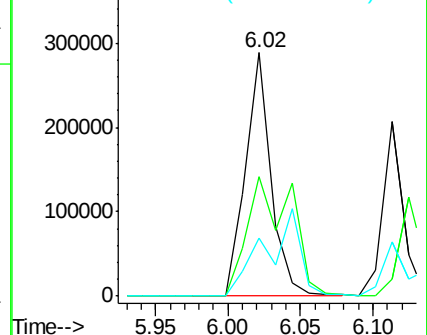
65 23.8 14.7 22.1#



Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 81.12 ng

RT: 6.03 min Scan# 389

Delta R.T. -0.02 min

Lab File: BF081436.D

Acq: 4 Sep 2015 23:58

Instrument :

BNA_F

ClientSampleId :

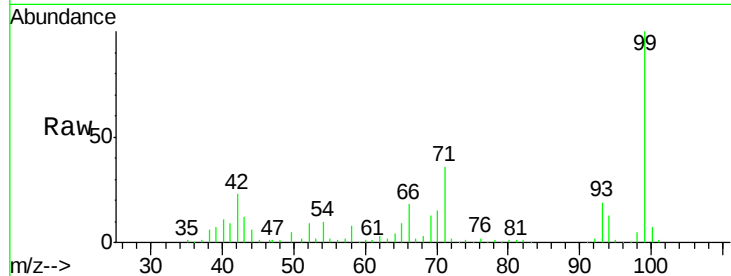
Tot Ion: 99 Resp: 494851

Ion Ratio Lower Upper

99 100

42 23.2 13.7 20.5#

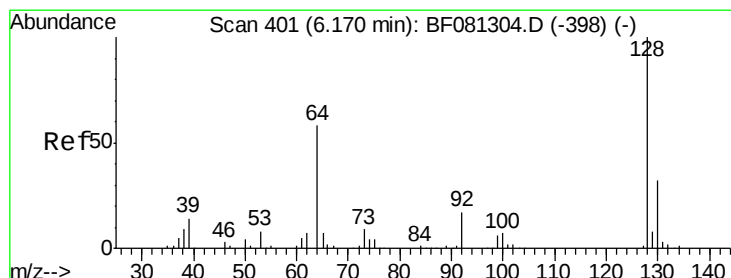
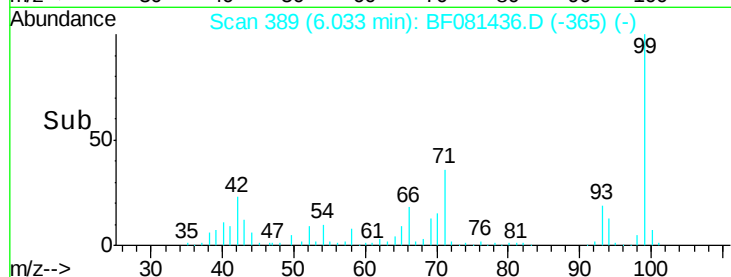
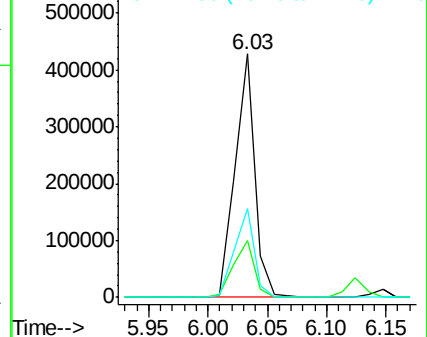
71 36.4 14.2 21.2#



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: 42.10 ng

RT: 6.15 min Scan# 399

Delta R.T. -0.02 min

Lab File: BF081436.D

Acq: 4 Sep 2015 23:58

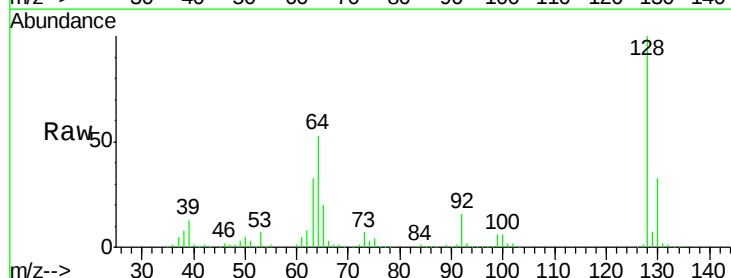
Tgt Ion: 128 Resp: 213831

Ion Ratio Lower Upper

128 100

130 33.0 12.2 52.2

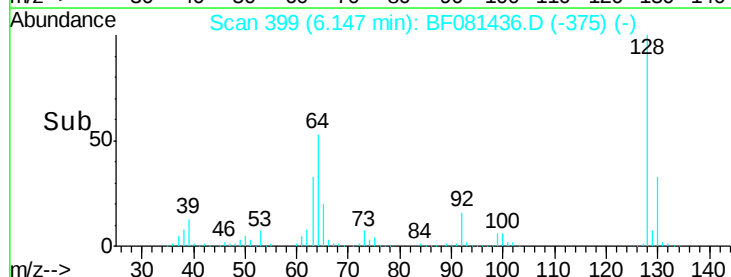
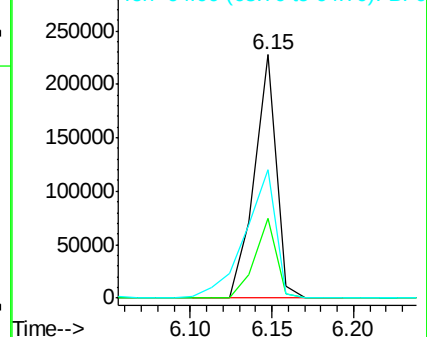
64 52.7 20.5 60.5

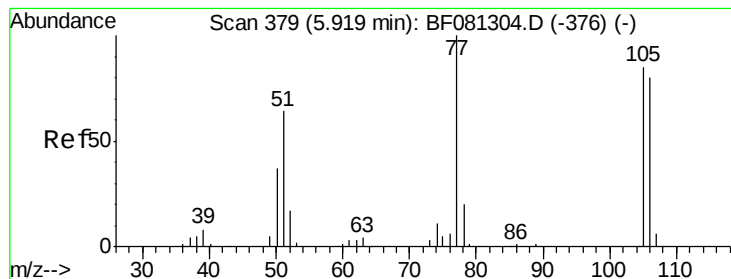


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 41.20 ng

RT: 5.90 min Scan# 377

Delta R.T. -0.02 min

Lab File: BF081436.D

Acq: 4 Sep 2015 23:58

Instrument :

BNA_F

ClientSampleId :

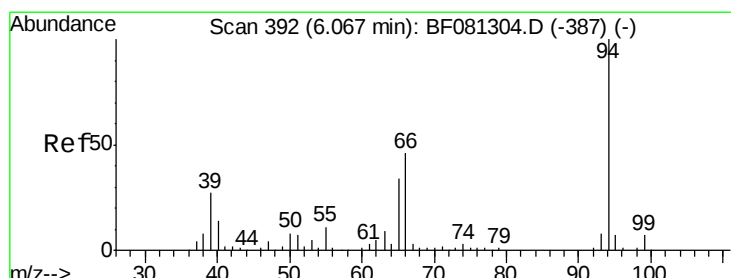
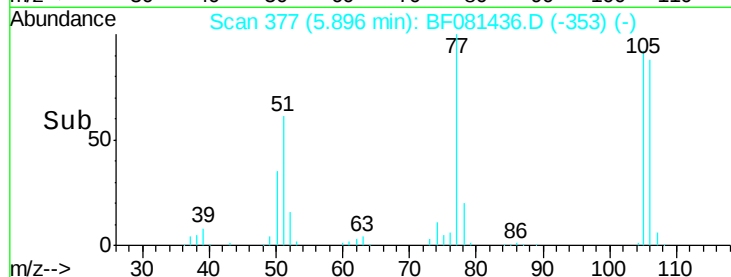
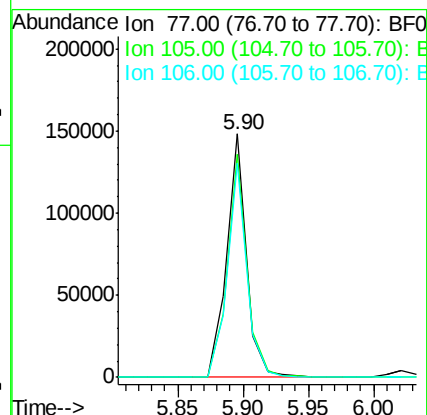
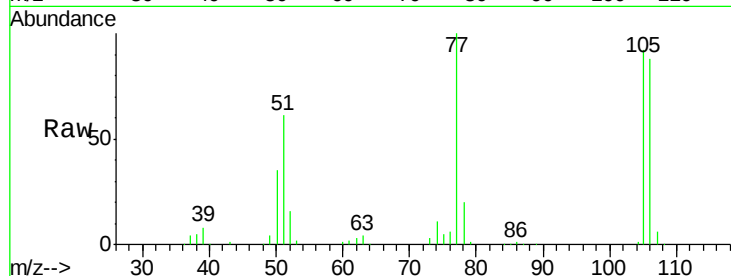
Tot Ion: 77 Resp: 157487

Ion Ratio Lower Upper

77 100

105 91.7 91.6 131.6

106 87.9 102.6 142.6#



#10

Phenol

Concen: 40.51 ng

RT: 6.04 min Scan# 390

Delta R.T. -0.02 min

Lab File: BF081436.D

Acq: 4 Sep 2015 23:58

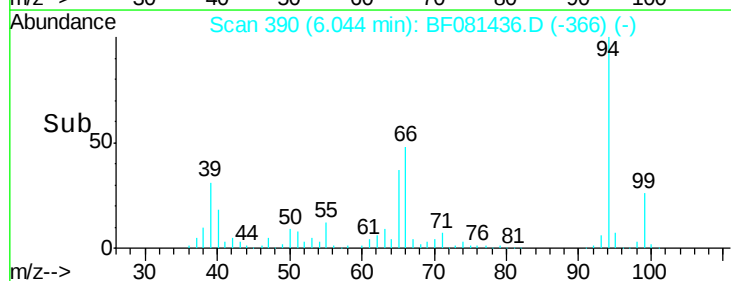
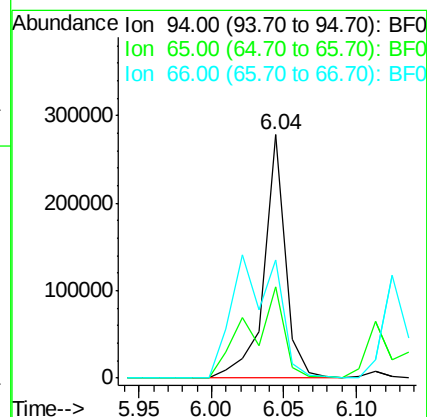
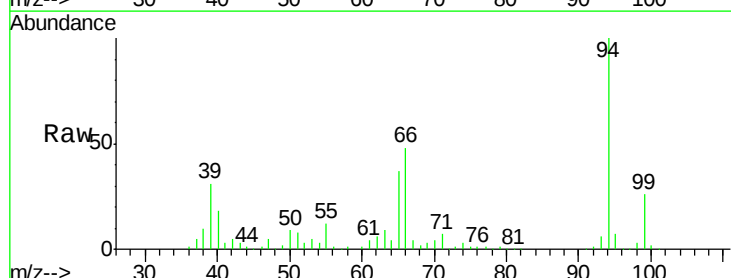
Tgt Ion: 94 Resp: 286600

Ion Ratio Lower Upper

94 100

65 37.3 0.7 40.7

66 48.3 0.8 40.8#





#11

bis(2-Chloroethyl)ether

Concen: 40.11 ng

RT: 6.11 min Scan# 396

Delta R.T. -0.03 min

Lab File: BF081436.D

Acq: 4 Sep 2015 23:58

Instrument :

BNA_F

ClientSampleId :

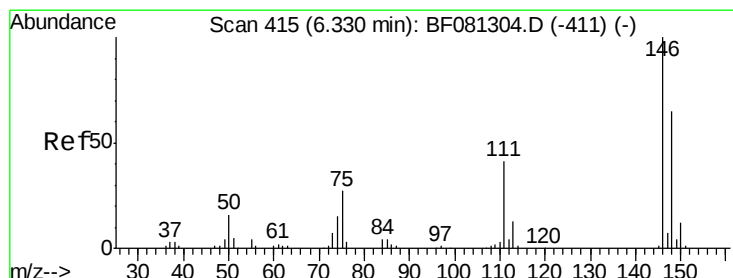
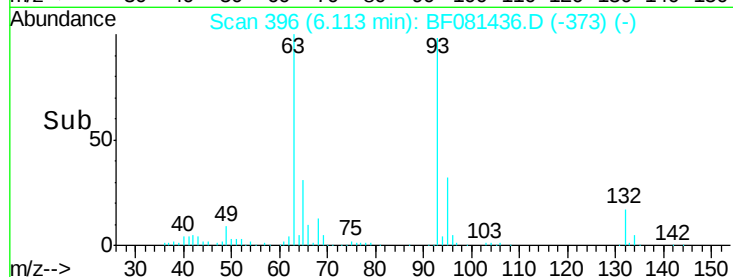
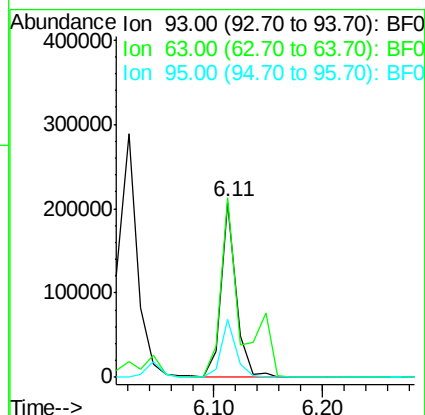
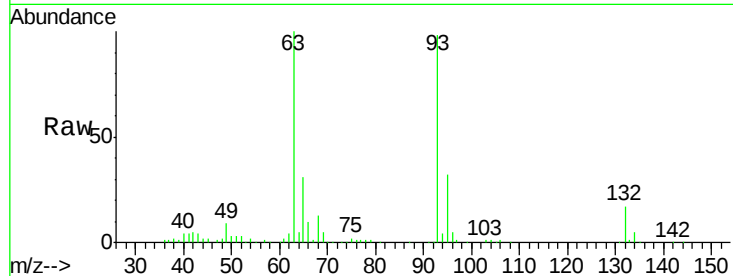
Tot Ion: 93 Resp: 204737

Ion Ratio Lower Upper

93 100

63 102.3 65.6 105.6

95 32.8 13.6 53.6



#12

1,3-Dichlorobenzene

Concen: 41.21 ng

RT: 6.30 min Scan# 412

Delta R.T. -0.03 min

Lab File: BF081436.D

Acq: 4 Sep 2015 23:58

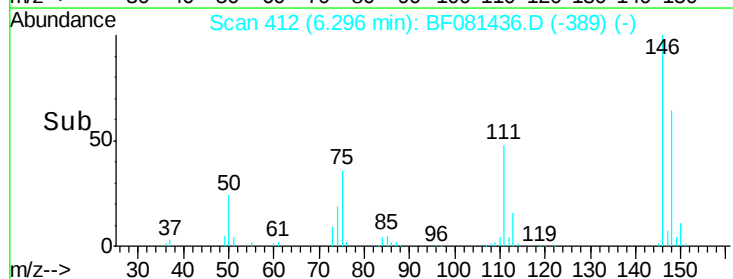
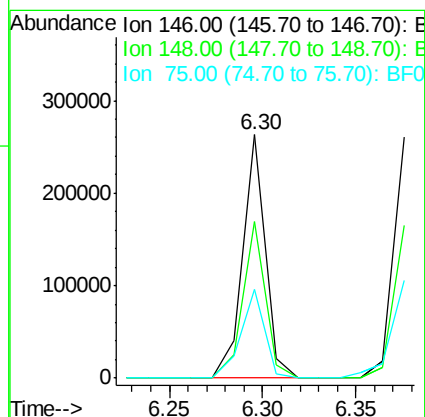
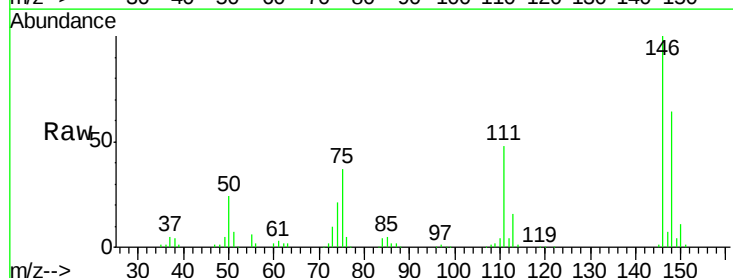
Tgt Ion: 146 Resp: 223632

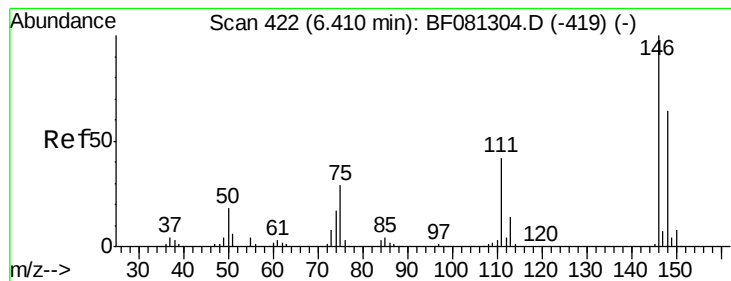
Ion Ratio Lower Upper

146 100

148 64.3 51.0 76.4

75 36.6 15.0 22.6#





#13

1,4-Dichlorobenzene

Concen: 40.20 ng

RT: 6.38 min Scan# 419

Delta R.T. -0.03 min

Lab File: BF081436.D

Acq: 4 Sep 2015 23:58

Instrument :

BNA_F

ClientSampleId :

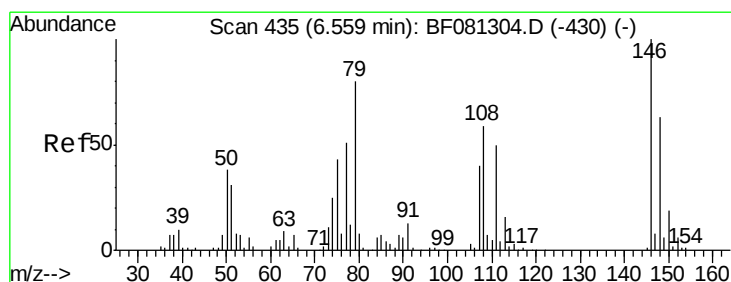
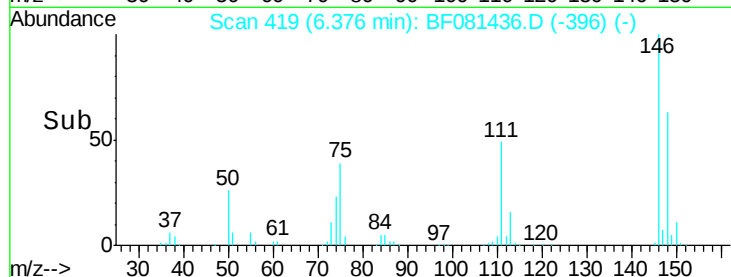
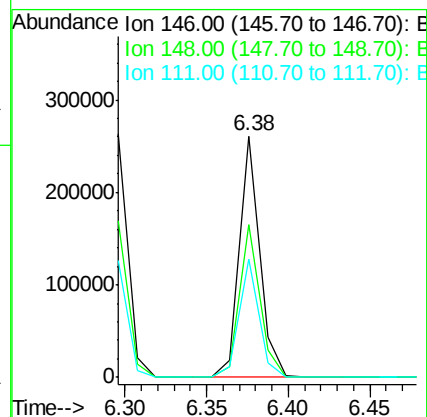
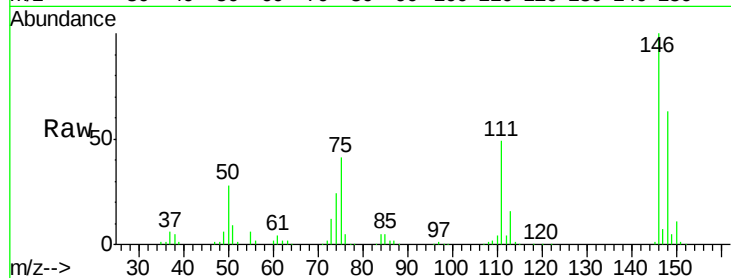
Tot Ion:146 Resp: 222102

Ion Ratio Lower Upper

146 100

148 63.1 51.8 77.6

111 48.8 24.9 37.3#



#14

1,2-Dichlorobenzene

Concen: 38.95 ng

RT: 6.54 min Scan# 433

Delta R.T. -0.02 min

Lab File: BF081436.D

Acq: 4 Sep 2015 23:58

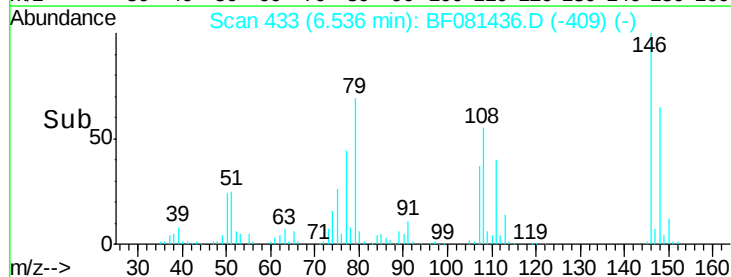
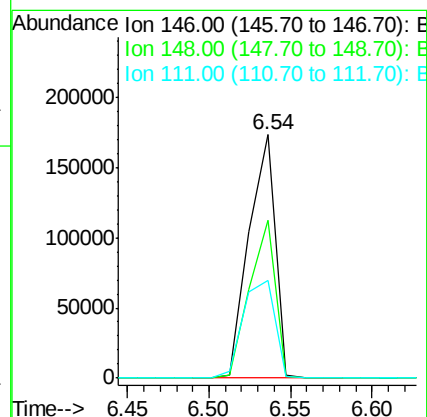
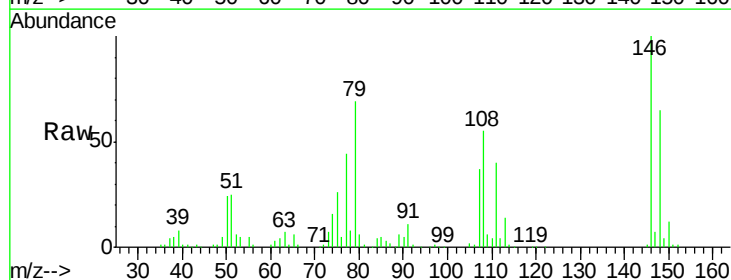
Tgt Ion:146 Resp: 193758

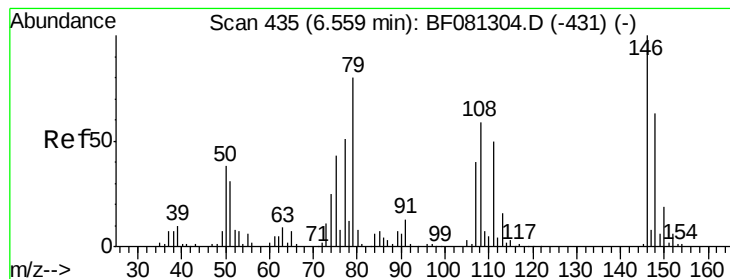
Ion Ratio Lower Upper

146 100

148 64.7 52.7 79.1

111 40.1 28.8 43.2





#15

Benzyl Alcohol

Concen: 40.64 ng

RT: 6.52 min Scan# 432

Delta R.T. -0.03 min

Lab File: BF081436.D

Acq: 4 Sep 2015 23:58

Instrument :

BNA_F

ClientSampleId :

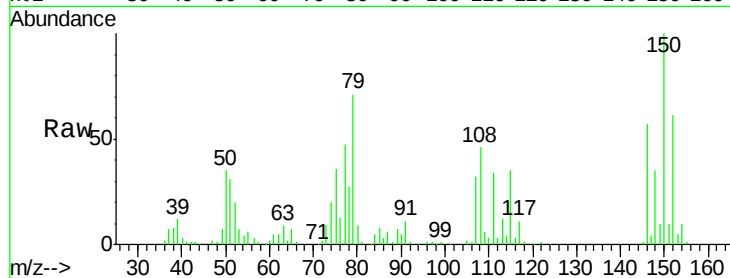
Tot Ion: 79 Resp: 203376

Ion Ratio Lower Upper

79 100

108 65.2 88.6 132.8#

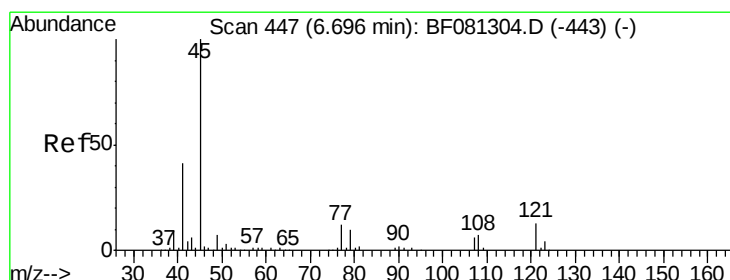
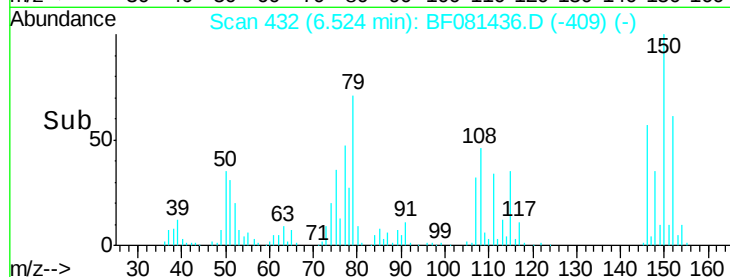
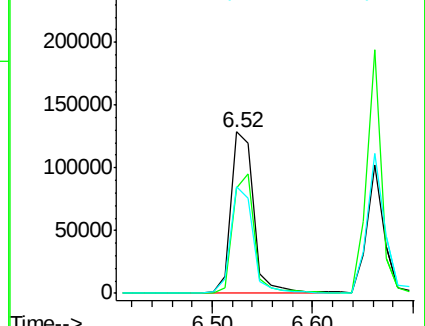
77 66.1 47.0 70.4



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0



#16

2,2'-oxybis(1-chloropropane)

Concen: 44.07 ng

RT: 6.67 min Scan# 445

Delta R.T. -0.02 min

Lab File: BF081436.D

Acq: 4 Sep 2015 23:58

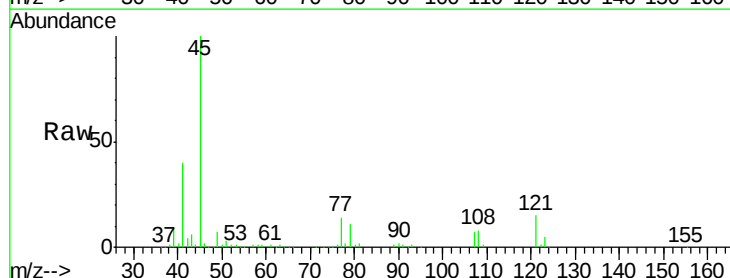
Tgt Ion: 45 Resp: 431210

Ion Ratio Lower Upper

45 100

77 13.8 0.0 28.1

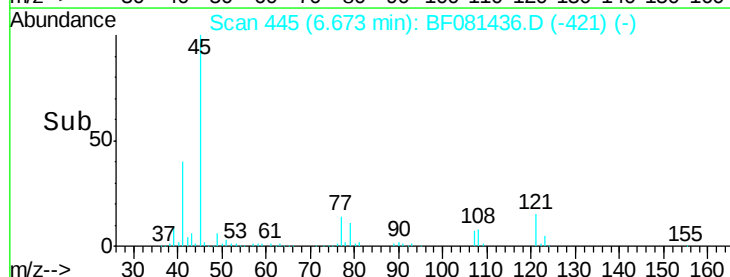
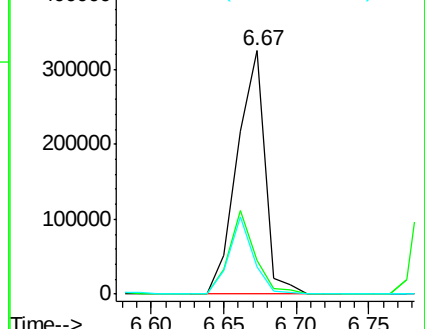
79 11.4 0.0 26.0

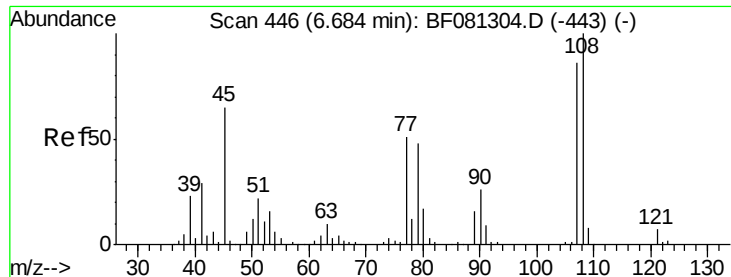


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0

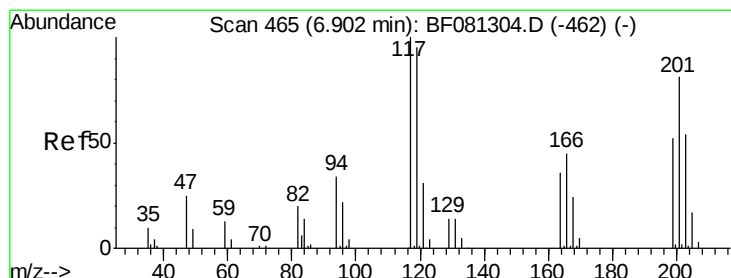
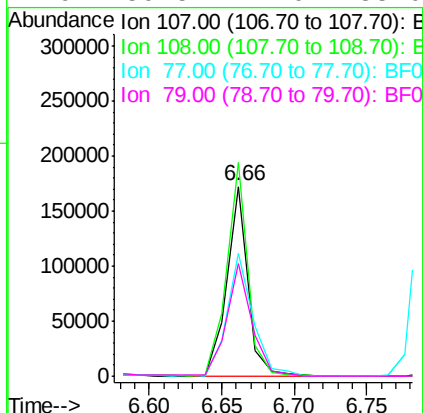
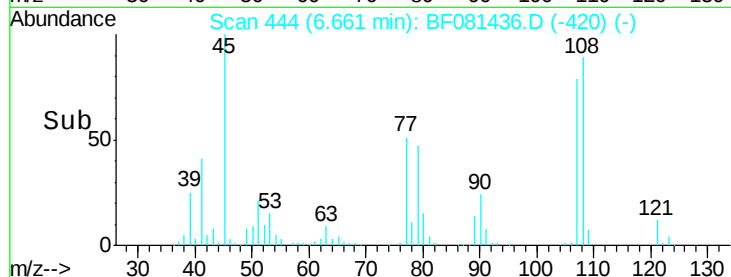
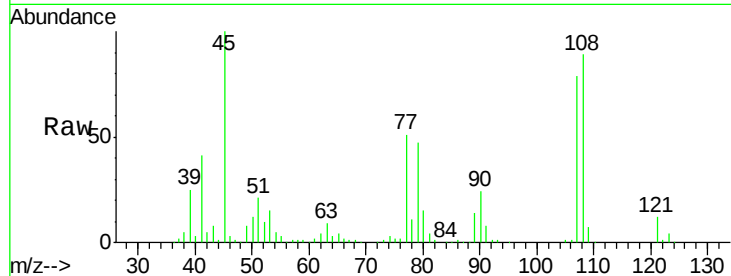




#17
2-Methylphenol
Concen: 43.04 ng
RT: 6.66 min Scan# 444
Delta R.T. -0.02 min
Lab File: BF081436.D
Acq: 4 Sep 2015 23:58

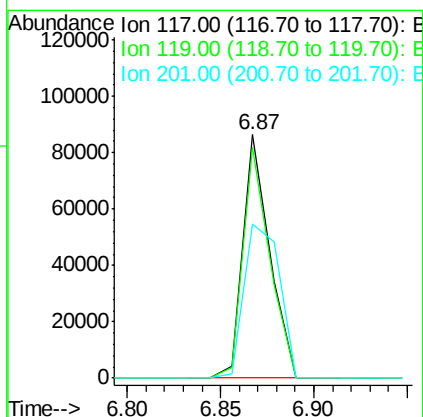
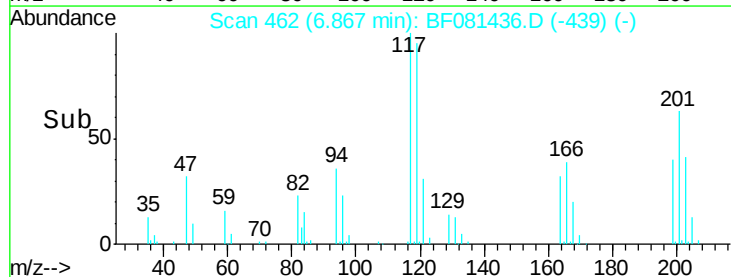
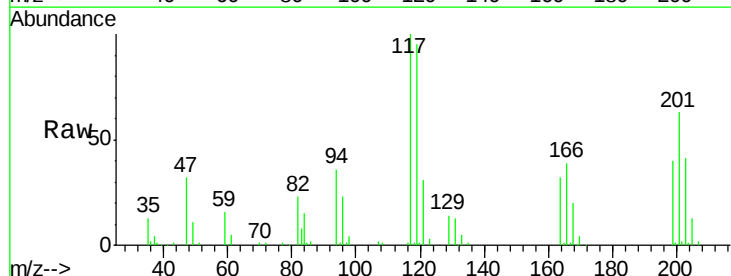
Instrument :
BNA_F
ClientSampleId :

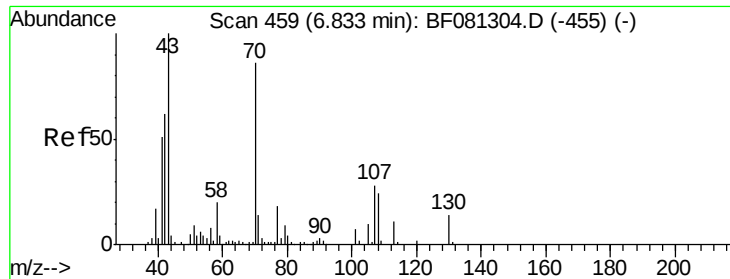
Tot Ion	Ratio	Lower	Upper
107	100		
108	112.4	96.6	145.0
77	64.4	23.3	34.9#
79	59.5	22.0	33.0#



#18
Hexachloroethane
Concen: 39.92 ng
RT: 6.87 min Scan# 462
Delta R.T. -0.03 min
Lab File: BF081436.D
Acq: 4 Sep 2015 23:58

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.0	83.8	125.6
201	63.1	55.1	82.7

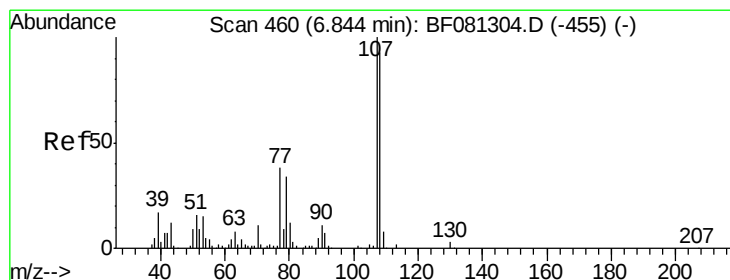
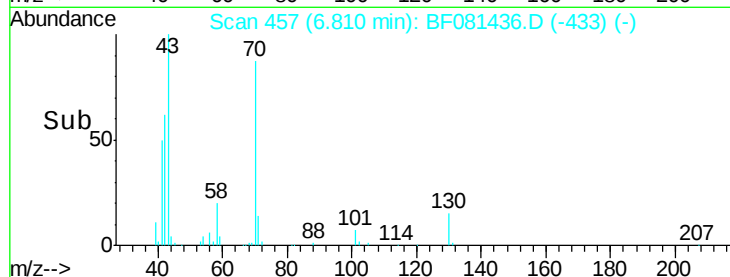
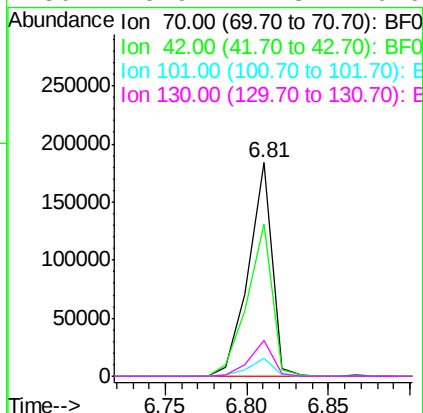
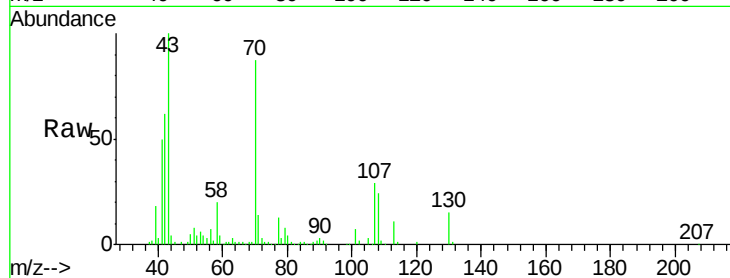




#19
n-Nitroso-di-n-propylamine
Concen: 44.54 ng
RT: 6.81 min Scan# 457
Delta R.T. -0.02 min
Lab File: BF081436.D
Acq: 4 Sep 2015 23:58

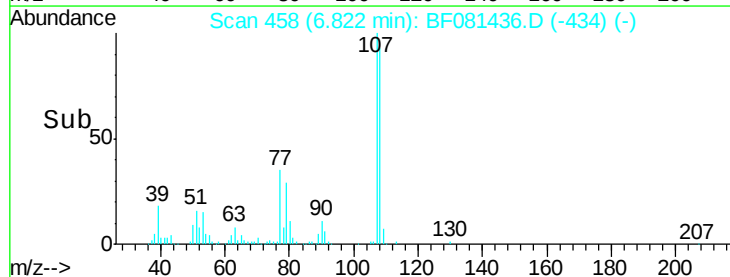
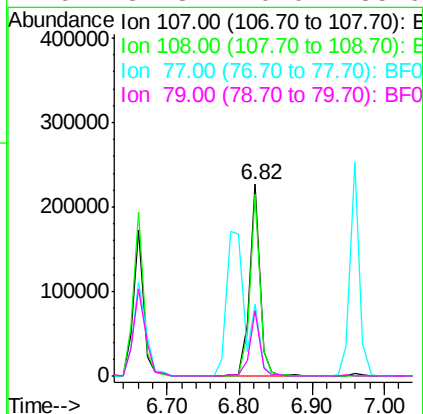
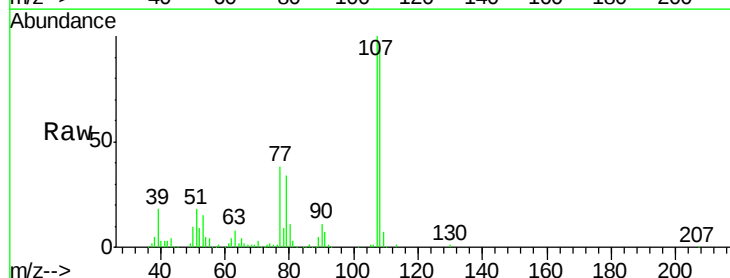
Instrument :
BNA_F
ClientSampleId :

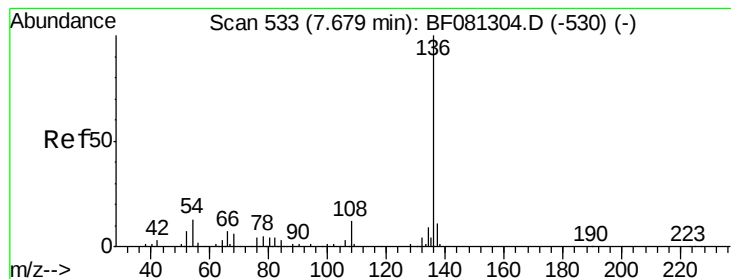
Tot Ion: 70 Resp: 184910
Ion Ratio Lower Upper
70 100
42 71.5 63.8 95.6
101 8.2 9.2 13.8#
130 16.9 27.3 40.9#



#20
3+4-Methylphenols
Concen: 41.67 ng
RT: 6.82 min Scan# 458
Delta R.T. -0.02 min
Lab File: BF081436.D
Acq: 4 Sep 2015 23:58

Tgt Ion:107 Resp: 227657
Ion Ratio Lower Upper
107 100
108 94.6 74.6 114.6
77 37.6 0.7 40.7
79 34.3 0.0 38.9





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.66 min Scan# 531

Delta R.T. -0.02 min

Lab File: BF081436.D

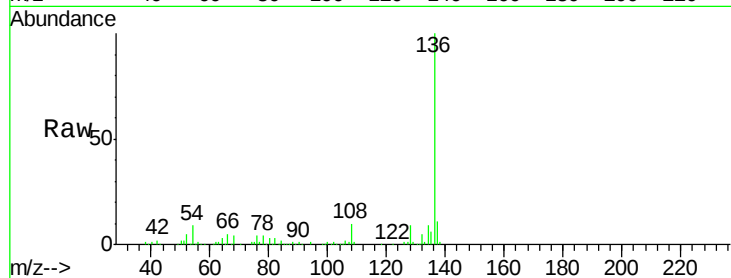
Acq: 4 Sep 2015 23:58

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136	Resp:	292467
Ion Ratio	Lower	Upper
136	100	
137	10.6	9.0 13.6
54	9.0	8.2 12.2
68	4.5	5.8 8.6#

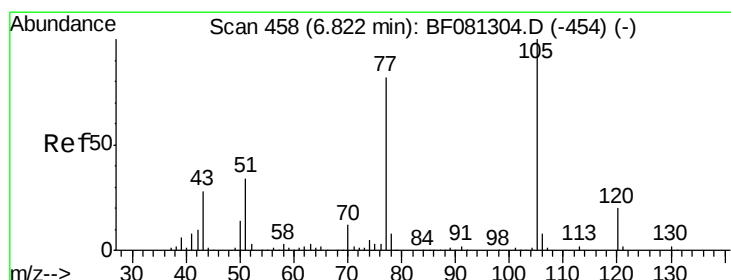
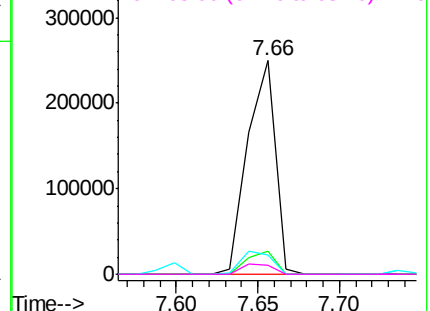
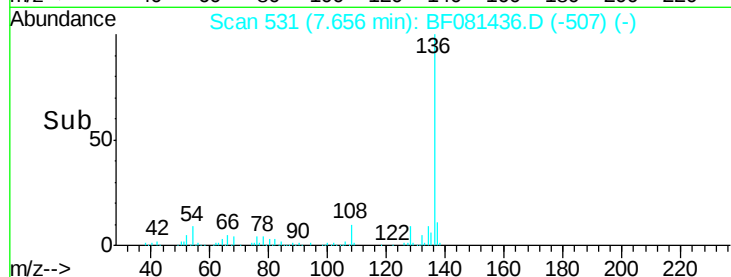


Abundance Ion 136.00 (135.70 to 136.70): E

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: 38.58 ng

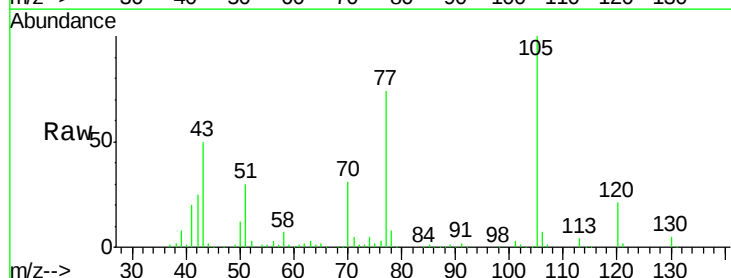
RT: 6.80 min Scan# 456

Delta R.T. -0.02 min

Lab File: BF081436.D

Acq: 4 Sep 2015 23:58

Tgt Ion:105	Resp:	308225
Ion Ratio	Lower	Upper
105	100	
71	5.3	4.7 7.1
51	29.8	22.0 33.0
120	21.4	30.1 45.1#

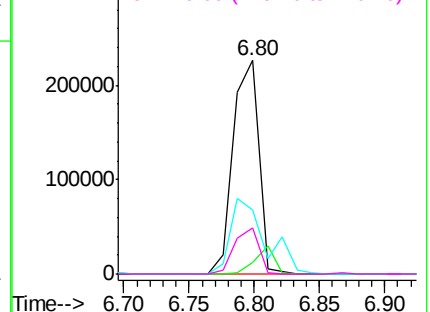
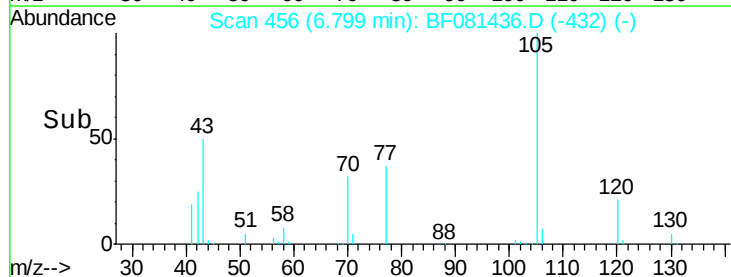


Abundance Ion 105.00 (104.70 to 105.70): E

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

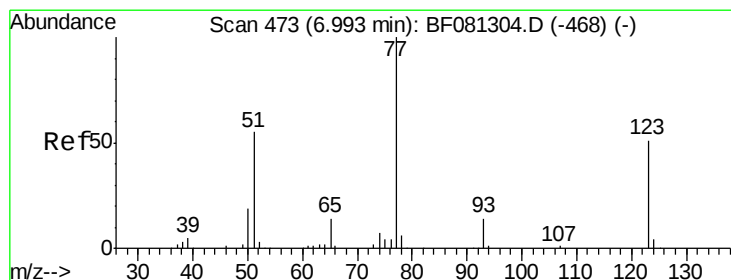
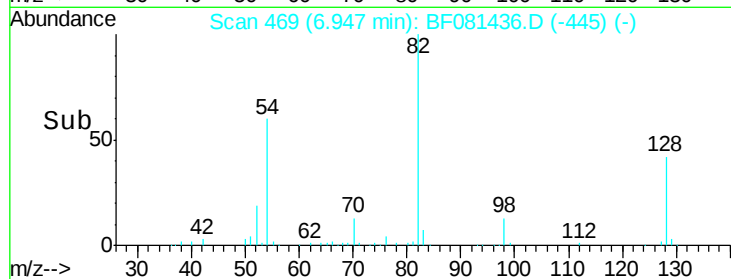
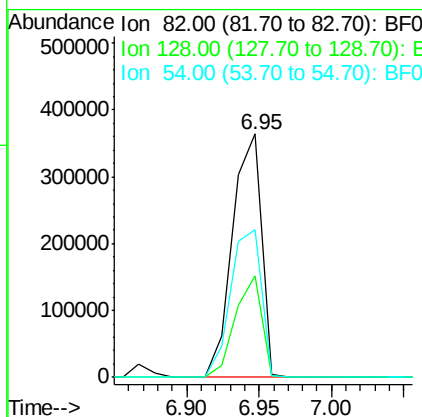
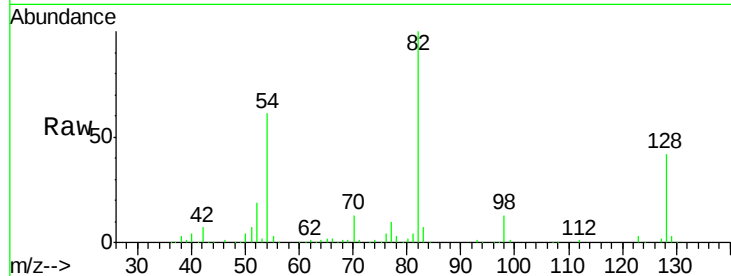




#23
 Nitrobenzene-d5
 Concen: 83.35 ng
 RT: 6.95 min Scan# 469
 Delta R.T. -0.02 min
 Lab File: BF081436.D
 Acq: 4 Sep 2015 23:58

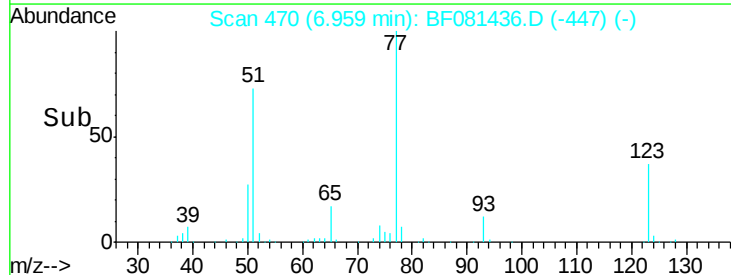
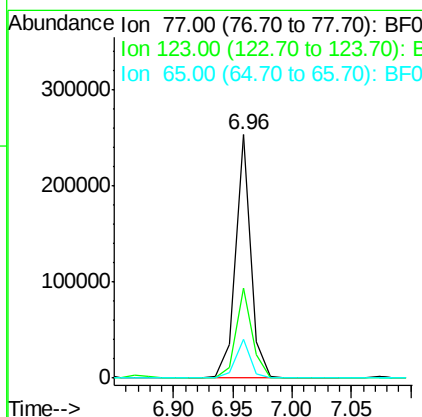
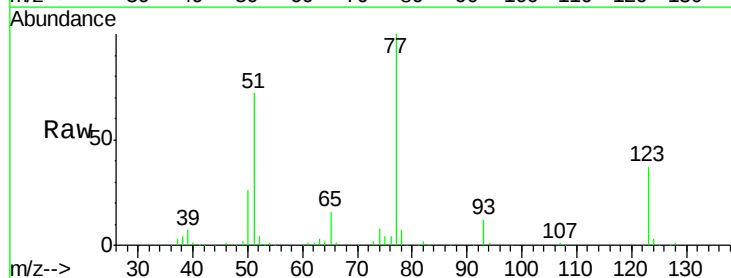
Instrument :
 BNA_F
 ClientSampleId :

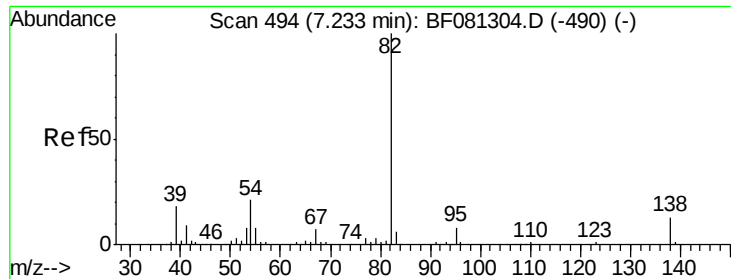
Tot Ion: 82 Resp: 505247
 Ion Ratio Lower Upper
 82 100
 128 41.9 51.0 76.6#
 54 60.6 47.5 71.3



#24
 Nitrobenzene
 Concen: 36.02 ng
 RT: 6.96 min Scan# 470
 Delta R.T. -0.03 min
 Lab File: BF081436.D
 Acq: 4 Sep 2015 23:58

Tgt Ion: 77 Resp: 226736
 Ion Ratio Lower Upper
 77 100
 123 36.9 59.8 89.8#
 65 16.2 10.2 15.4#





#25

Isophorone

Concen: 40.47 ng

RT: 7.21 min Scan# 492

Delta R.T. -0.02 min

Lab File: BF081436.D

Acq: 4 Sep 2015 23:58

Instrument :

BNA_F

ClientSampled :

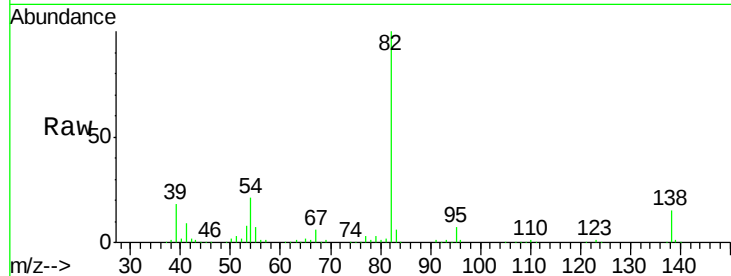
Tot Ion: 82 Resp: 456269

Ion Ratio Lower Upper

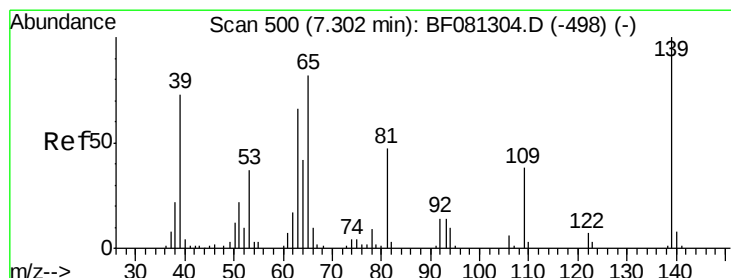
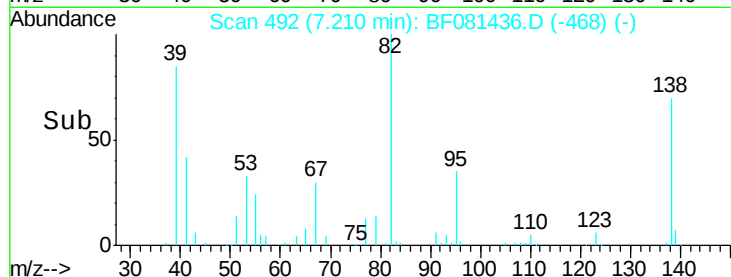
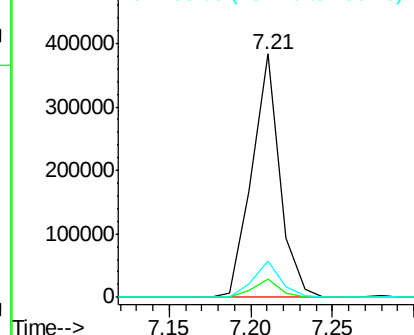
82 100

95 7.4 4.0 6.0#

138 14.7 18.3 27.5#



Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 95.00 (94.70 to 95.70): BF0
Ion 138.00 (137.70 to 138.70): BF0



#26

2-Nitrophenol

Concen: 41.21 ng

RT: 7.28 min Scan# 498

Delta R.T. -0.02 min

Lab File: BF081436.D

Acq: 4 Sep 2015 23:58

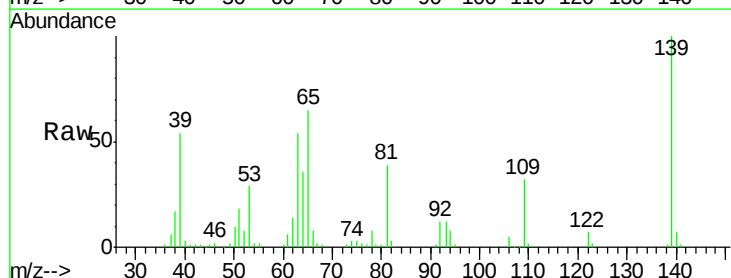
Tgt Ion: 139 Resp: 113064

Ion Ratio Lower Upper

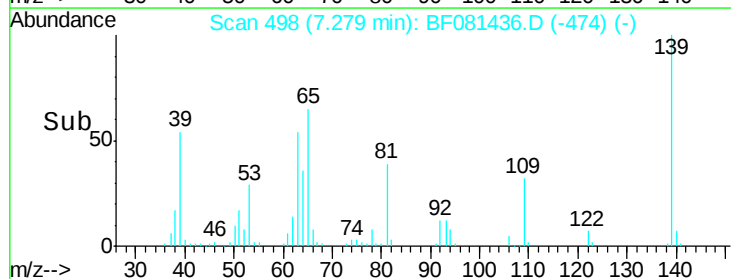
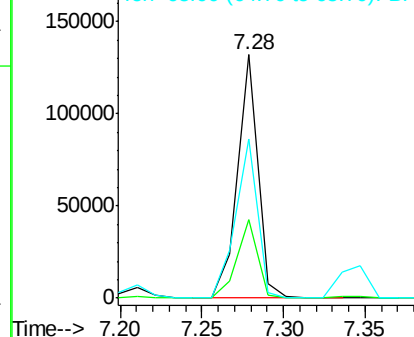
139 100

109 32.4 11.0 16.4#

65 65.5 24.7 37.1#



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

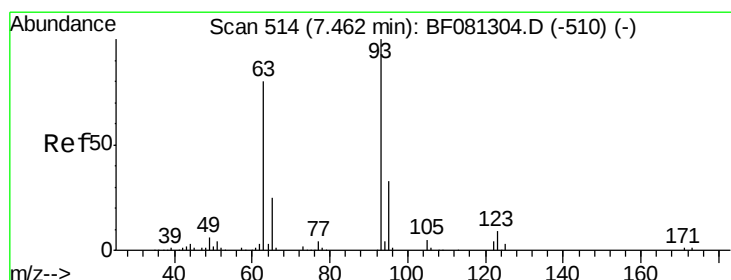
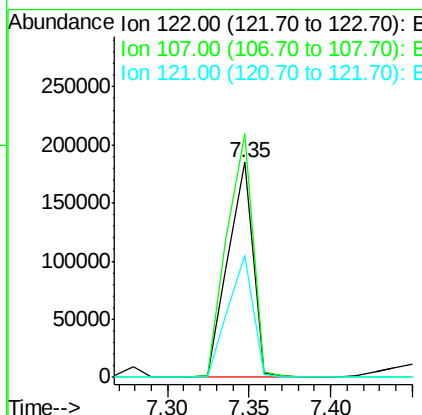
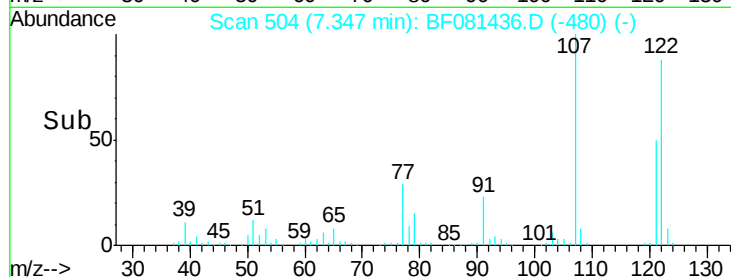
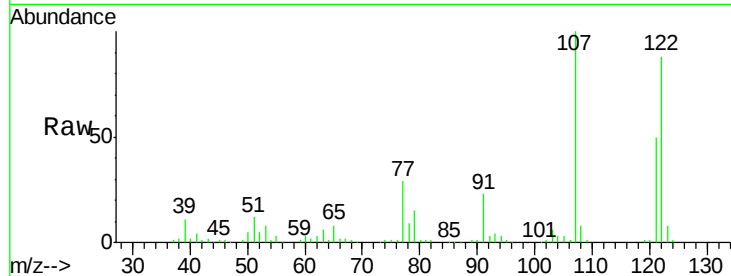




#27
 2,4-Dimethylphenol
 Concen: 41.29 ng
 RT: 7.35 min Scan# 504
 Delta R.T. -0.02 min
 Lab File: BF081436.D
 Acq: 4 Sep 2015 23:58

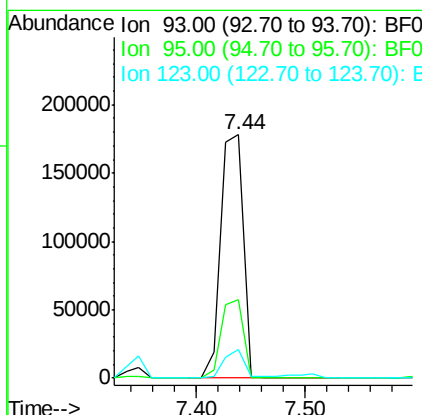
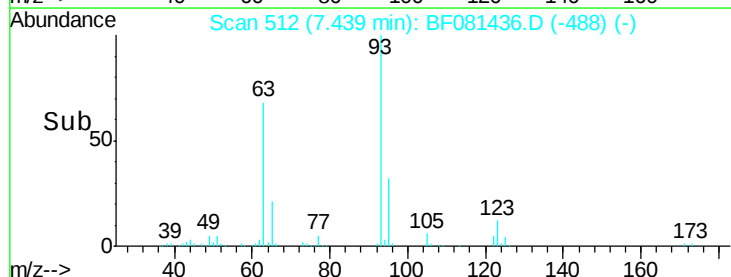
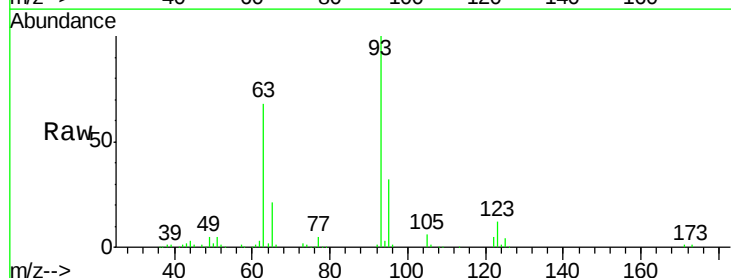
Instrument :
 BNA_F
 ClientSampleID :

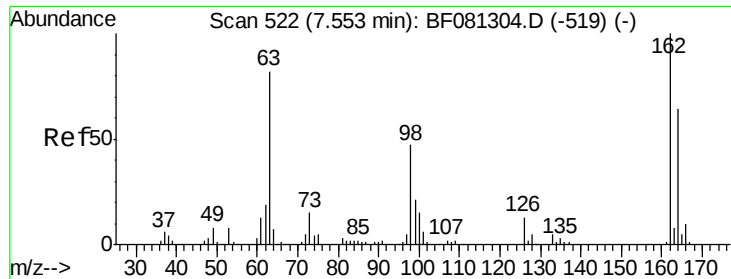
Tot Ion:122 Resp: 195691
 Ion Ratio Lower Upper
 122 100
 107 113.3 71.8 107.6#
 121 56.7 42.3 63.5



#28
 bis(2-Chloroethoxy)methane
 Concen: 39.36 ng
 RT: 7.44 min Scan# 512
 Delta R.T. -0.02 min
 Lab File: BF081436.D
 Acq: 4 Sep 2015 23:58

Tgt Ion: 93 Resp: 256332
 Ion Ratio Lower Upper
 93 100
 95 32.0 27.5 41.3
 123 11.6 13.7 20.5#

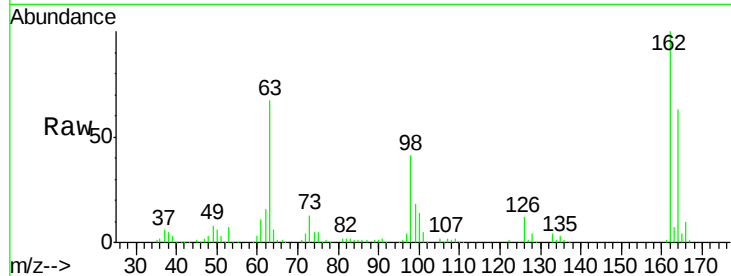




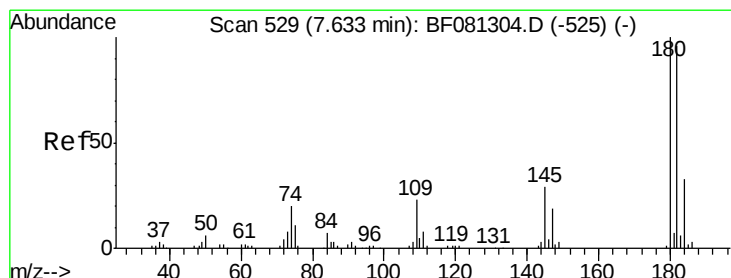
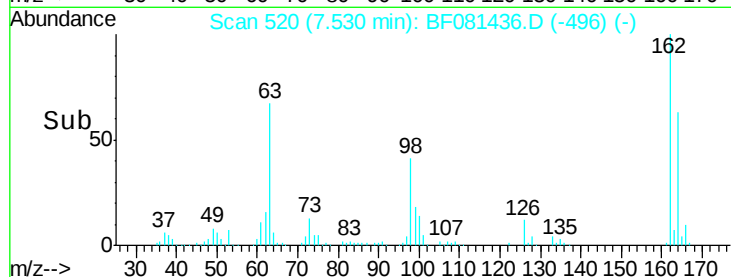
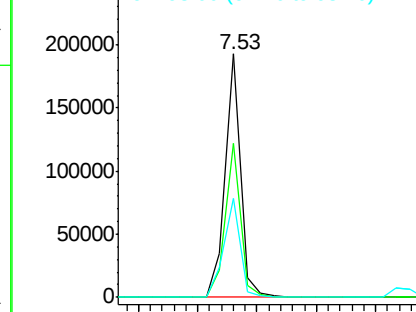
#29
 2,4-Dichlorophenol
 Concen: 41.34 ng
 RT: 7.53 min Scan# 520
 Delta R.T. -0.02 min
 Lab File: BF081436.D
 Acq: 4 Sep 2015 23:58

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	63.3	44.9	84.9
98	40.8	13.0	53.0

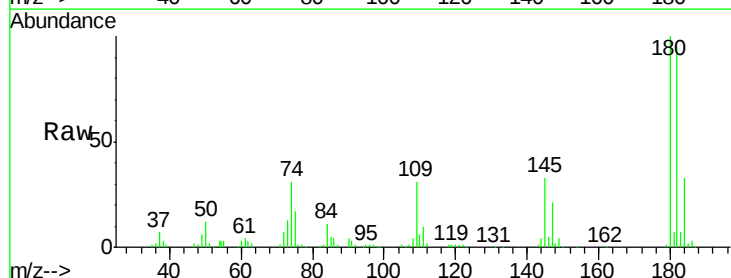


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

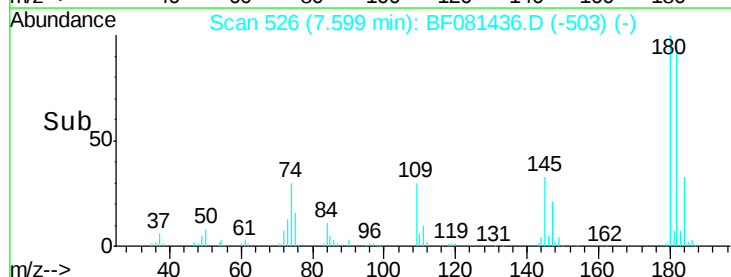
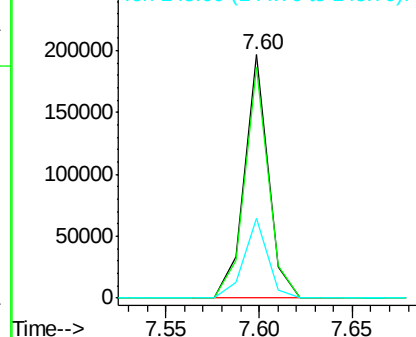


#30
 1,2,4-Trichlorobenzene
 Concen: 39.31 ng
 RT: 7.60 min Scan# 526
 Delta R.T. -0.03 min
 Lab File: BF081436.D
 Acq: 4 Sep 2015 23:58

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.6	77.1	115.7
145	32.8	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: 38.46 ng

RT: 7.68 min Scan# 533

Delta R.T. -0.02 min

Lab File: BF081436.D

Acq: 4 Sep 2015 23:58

Instrument :

BNA_F

ClientSampleId :

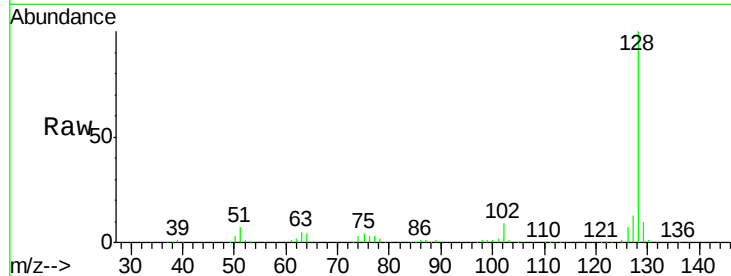
Tot Ion:128 Resp: 599949

Ion Ratio Lower Upper

128 100

129 10.5 8.4 12.6

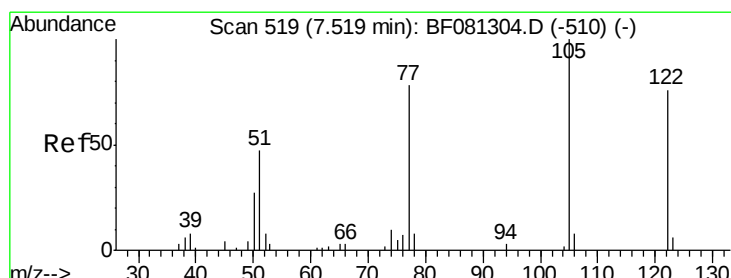
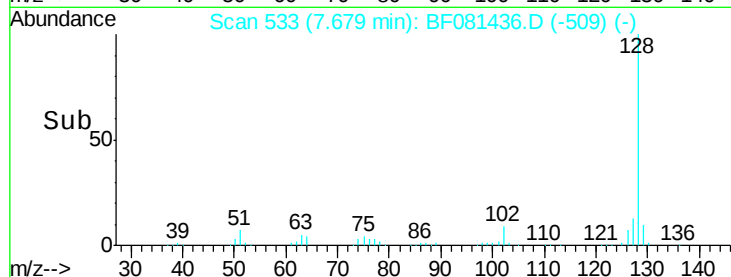
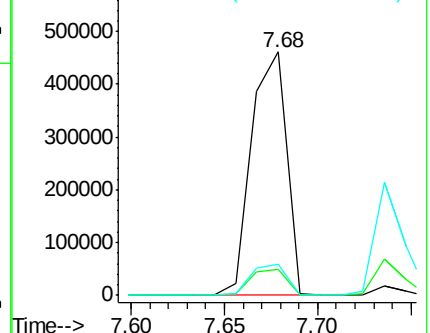
127 13.0 9.9 14.9



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: 34.40 ng

RT: 7.51 min Scan# 518

Delta R.T. -0.01 min

Lab File: BF081436.D

Acq: 4 Sep 2015 23:58

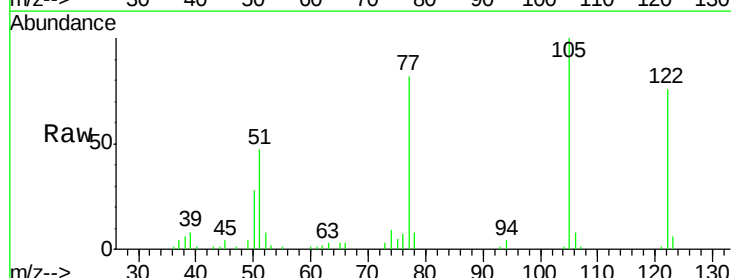
Tgt Ion:122 Resp: 113801

Ion Ratio Lower Upper

122 100

105 131.7 76.1 116.1#

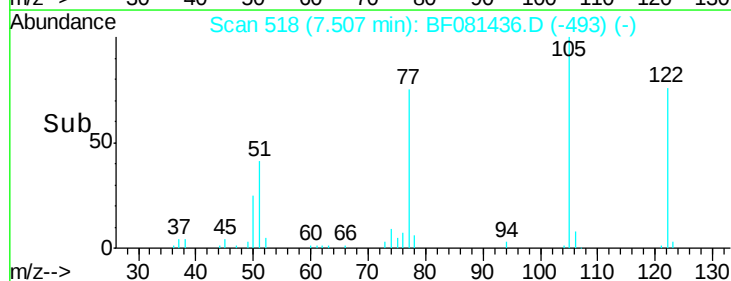
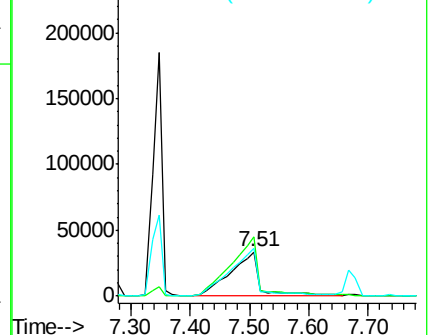
77 107.6 40.5 80.5#

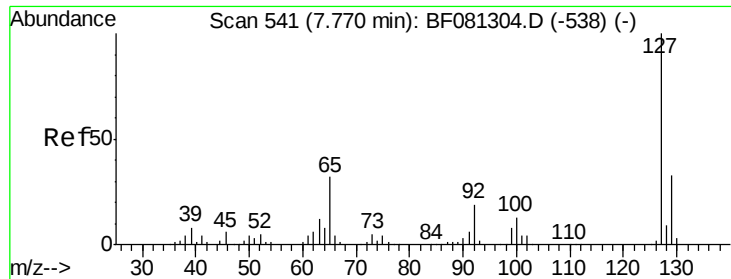


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

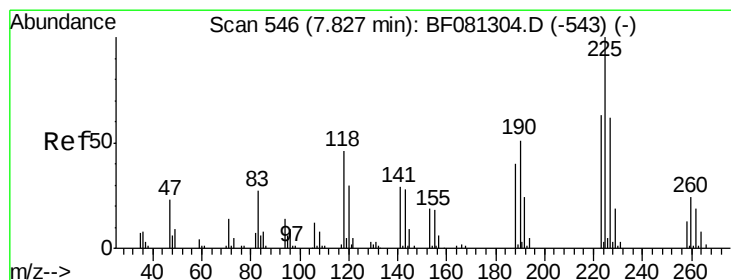
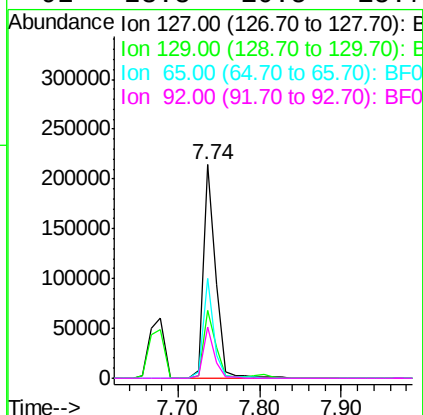
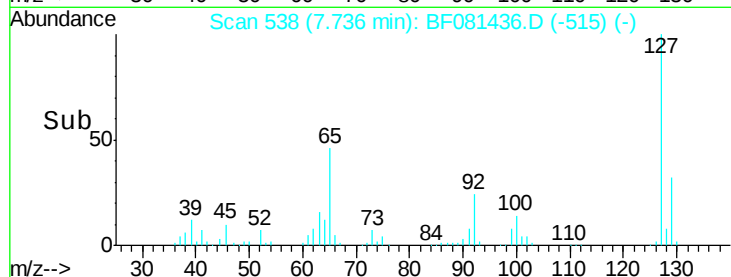
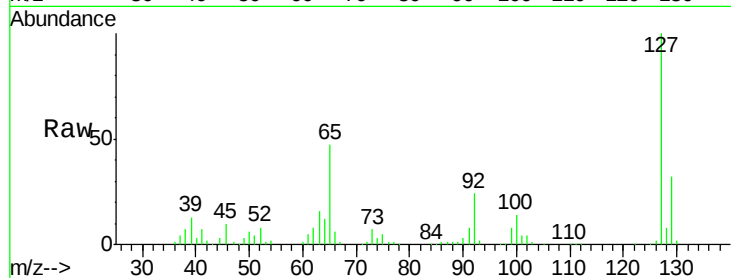




#33
4-Chloroaniline
Concen: 35.96 ng
RT: 7.74 min Scan# 538
Delta R.T. -0.03 min
Lab File: BF081436.D
Acq: 4 Sep 2015 23:58

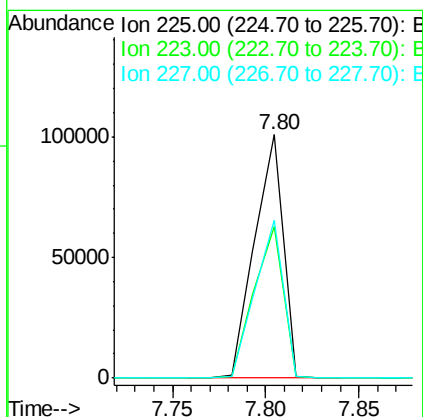
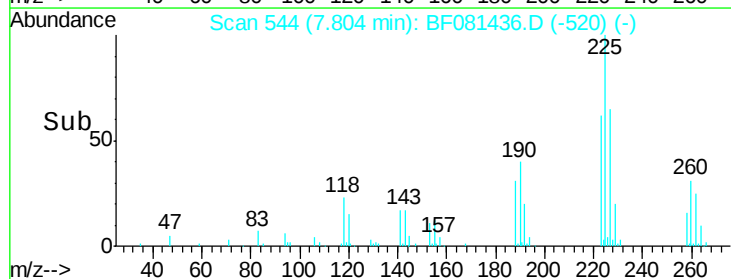
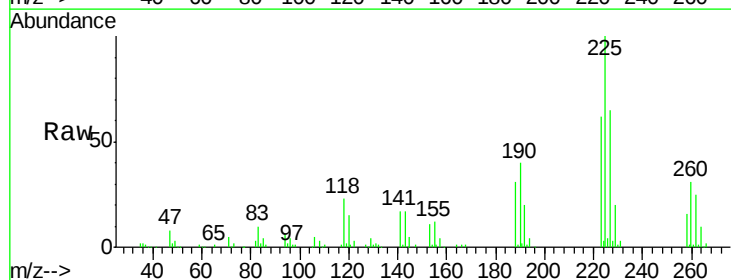
Instrument :
BNA_F
ClientSampleId :

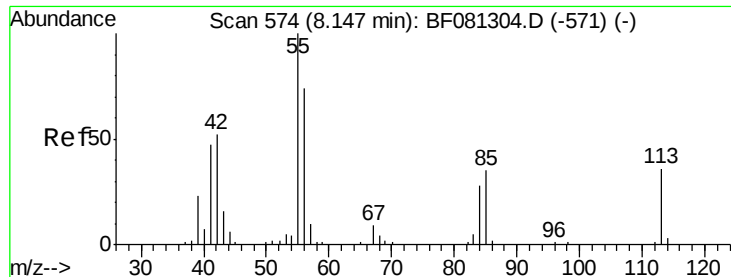
Tot Ion:	127	Resp:	228758
Ion	Ratio	Lower	Upper
127	100		
129	31.8	25.8	38.6
65	46.9	17.9	26.9#
92	23.8	10.5	15.7#



#34
Hexachlorobutadiene
Concen: 39.24 ng
RT: 7.80 min Scan# 544
Delta R.T. -0.02 min
Lab File: BF081436.D
Acq: 4 Sep 2015 23:58

Tgt Ion:	225	Resp:	106603
Ion	Ratio	Lower	Upper
225	100		
223	62.0	50.2	75.2
227	64.6	52.2	78.2





#35

Caprolactam

Concen: 46.04 ng

RT: 8.14 min Scan# 573

Delta R.T. -0.01 min

Lab File: BF081436.D

Acq: 4 Sep 2015 23:58

Instrument :

BNA_F

ClientSampleId :

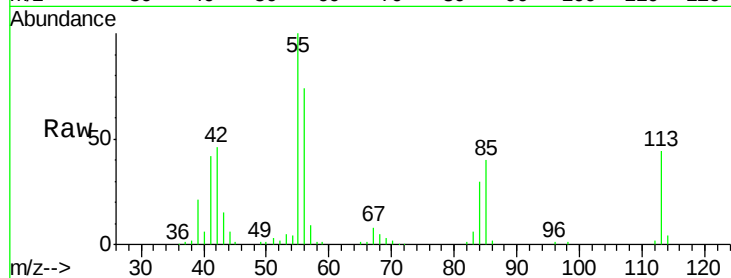
Tot Ion:113 Resp: 58026

Ion Ratio Lower Upper

113 100

55 226.5 152.4 192.4#

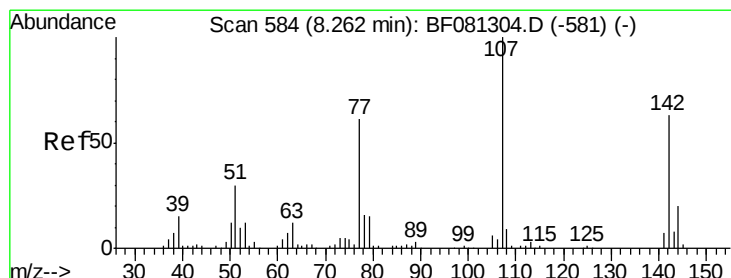
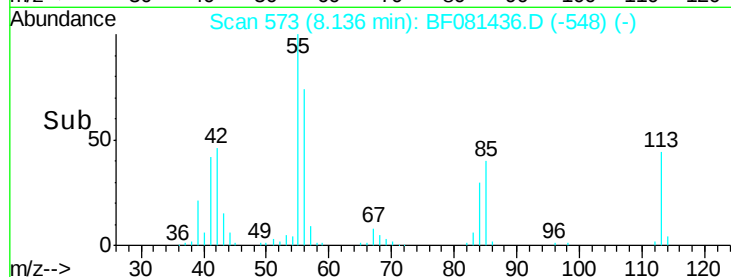
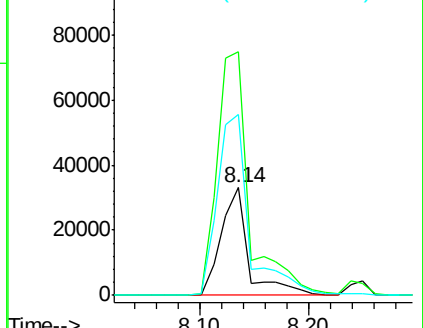
56 167.8 104.6 144.6#



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: 42.75 ng

RT: 8.25 min Scan# 583

Delta R.T. -0.01 min

Lab File: BF081436.D

Acq: 4 Sep 2015 23:58

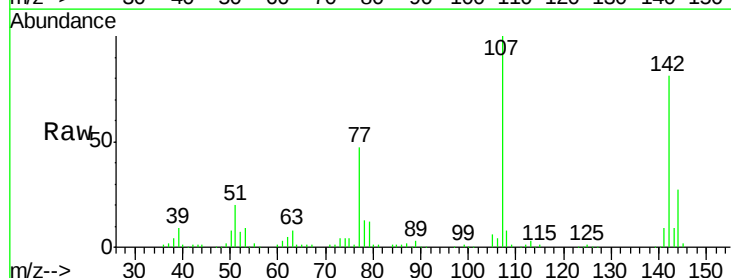
Tgt Ion:107 Resp: 196649

Ion Ratio Lower Upper

107 100

144 26.7 25.4 38.0

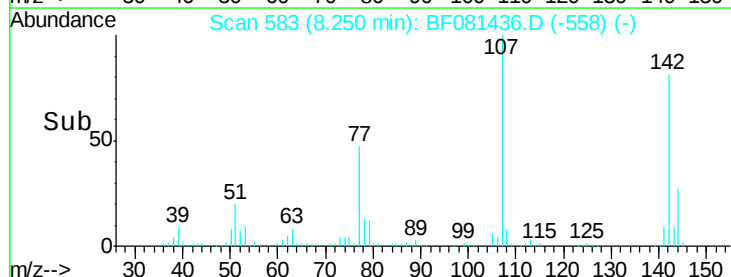
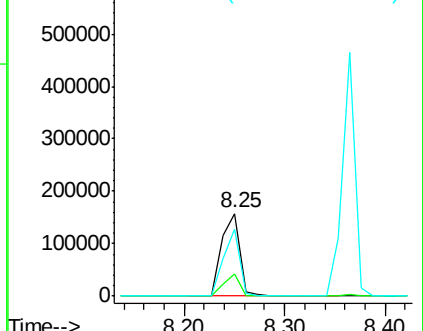
142 80.7 77.3 115.9

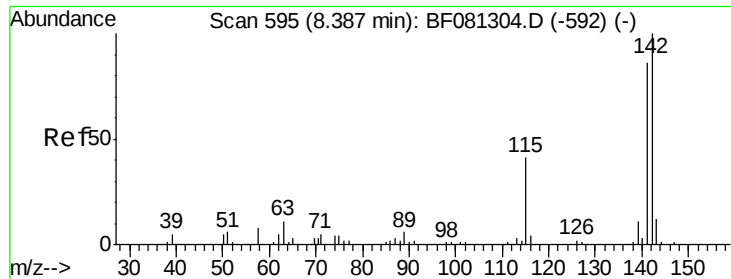


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

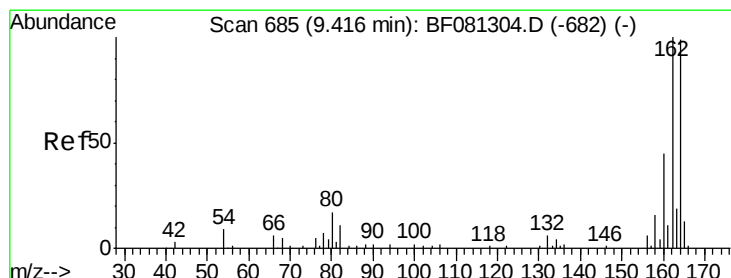
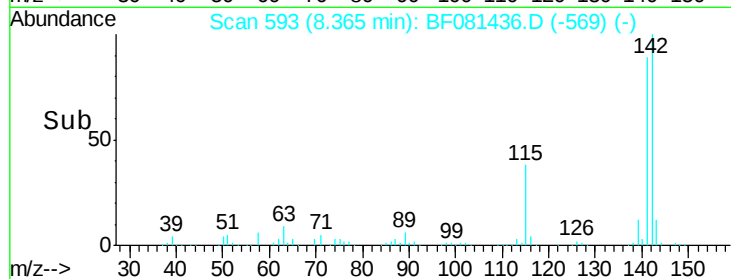
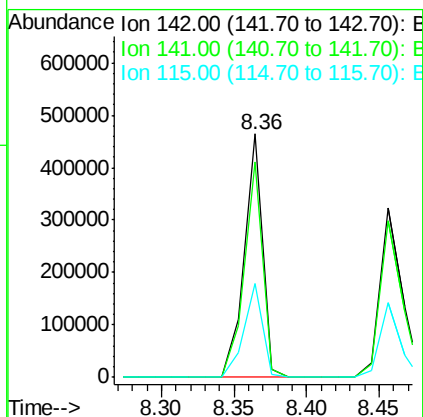
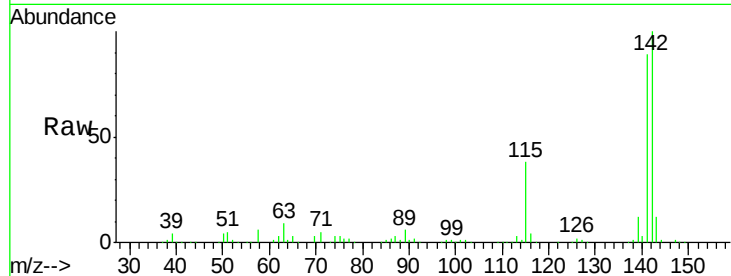




#37
 2-Methylnaphthalene
 Concen: 40.22 ng
 RT: 8.36 min Scan# 593
 Delta R.T. -0.02 min
 Lab File: BF081436.D
 Acq: 4 Sep 2015 23:58

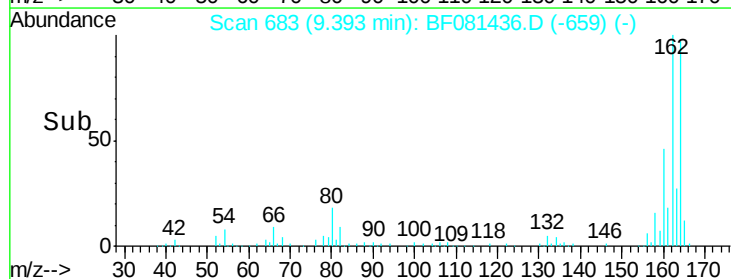
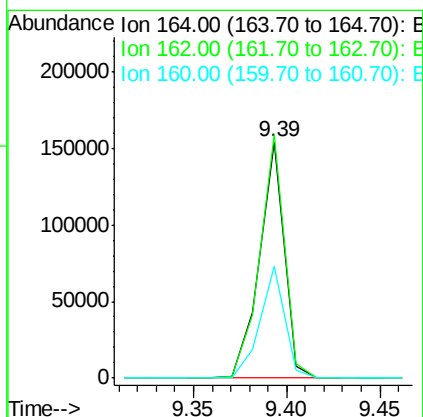
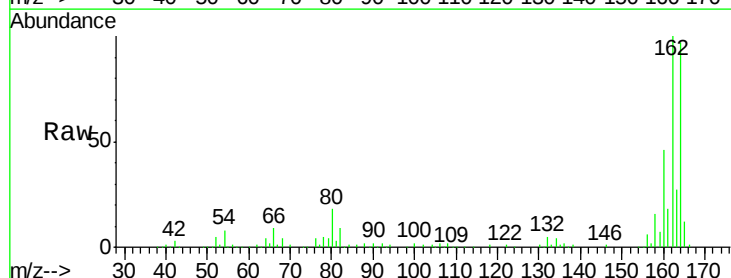
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:142 Resp: 408224
 Ion Ratio Lower Upper
 142 100
 141 88.7 67.5 101.3
 115 38.4 18.2 27.2#



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.39 min Scan# 683
 Delta R.T. -0.02 min
 Lab File: BF081436.D
 Acq: 4 Sep 2015 23:58

Tgt Ion:164 Resp: 141248
 Ion Ratio Lower Upper
 164 100
 162 102.9 75.2 112.8
 160 47.4 31.5 47.3#





#39

1,2,4,5-Tetrachlorobenzene

Concen: 35.62 ng

RT: 8.54 min Scan# 608

Delta R.T. -0.02 min

Lab File: BF081436.D

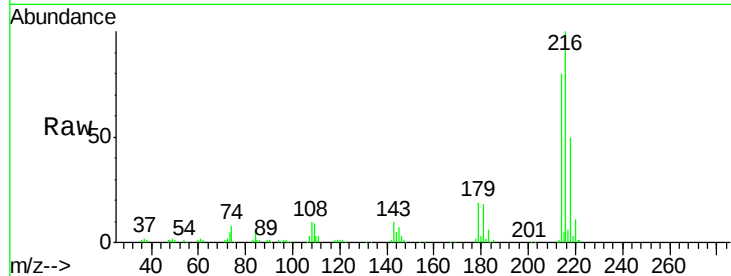
Acq: 4 Sep 2015 23:58

Instrument :

BNA_F

ClientSampleId :

Tot Ion:216	Resp:	159120
Ion Ratio	Lower	Upper
216	100	
214	79.8	63.5 95.3
179	22.1	16.6 24.8
108	19.9	16.3 24.5

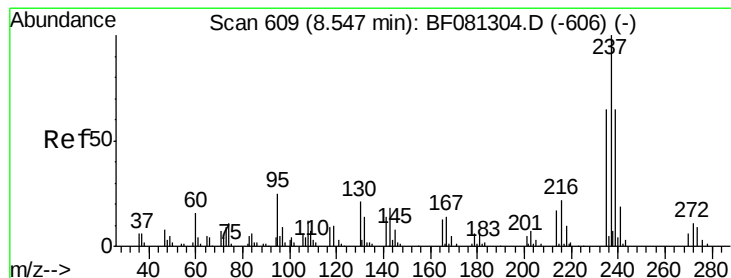
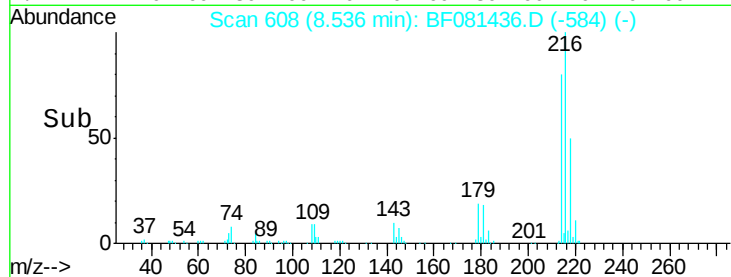
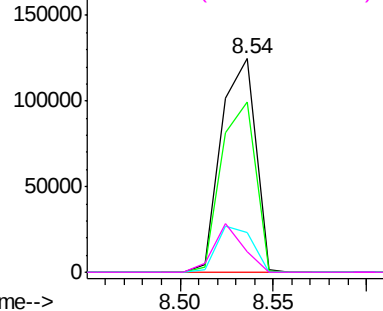


Abundance Ion 216.00 (215.70 to 216.70): E

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: 32.59 ng

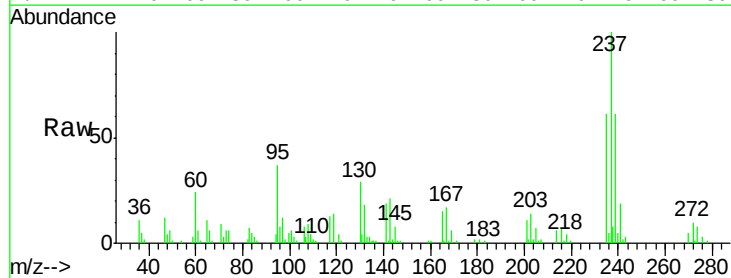
RT: 8.51 min Scan# 606

Delta R.T. -0.03 min

Lab File: BF081436.D

Acq: 4 Sep 2015 23:58

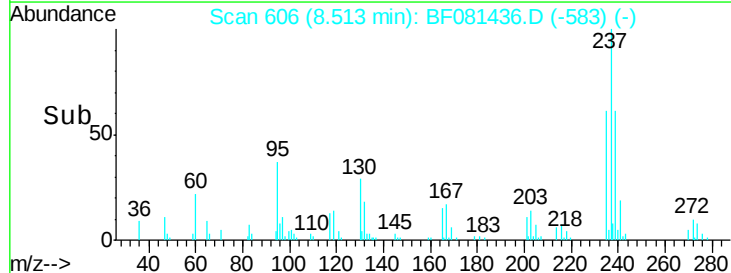
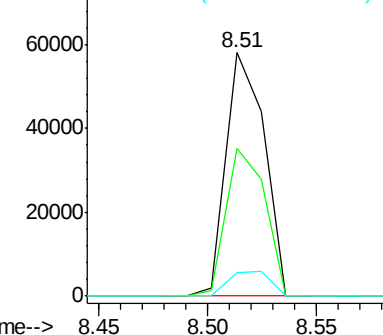
Tgt Ion:237	Resp:	71448
Ion Ratio	Lower	Upper
237	100	
235	60.7	42.0 82.0
272	9.6	0.0 36.1

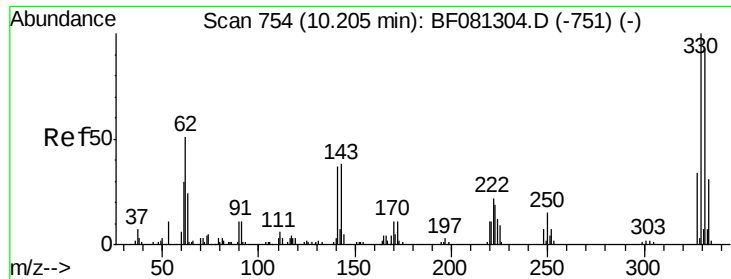


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

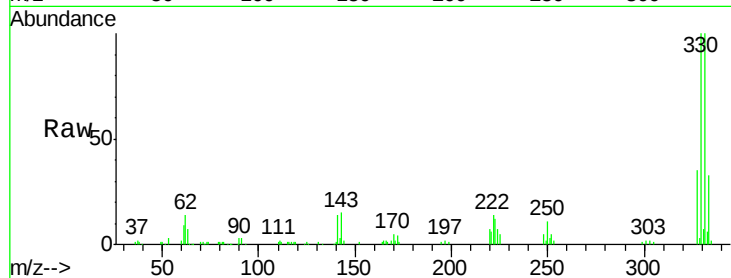




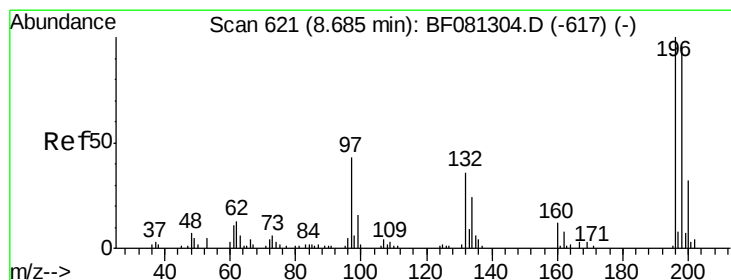
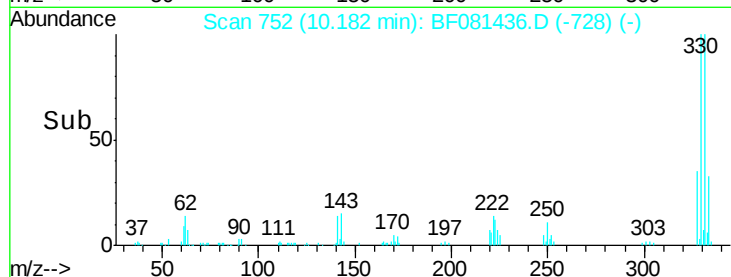
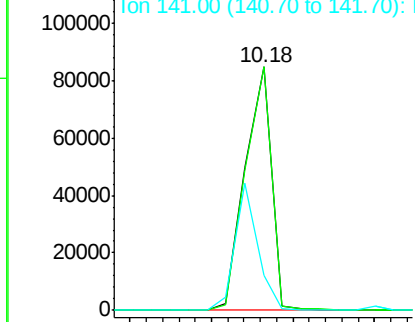
#41
 2,4,6-Tribromophenol
 Concen: 75.70 ng
 RT: 10.18 min Scan# 752
 Delta R.T. -0.02 min
 Lab File: BF081436.D
 Acq: 4 Sep 2015 23:58

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:330 Resp: 95210
 Ion Ratio Lower Upper
 330 100
 332 99.2 76.6 114.8
 141 44.1 29.7 44.5

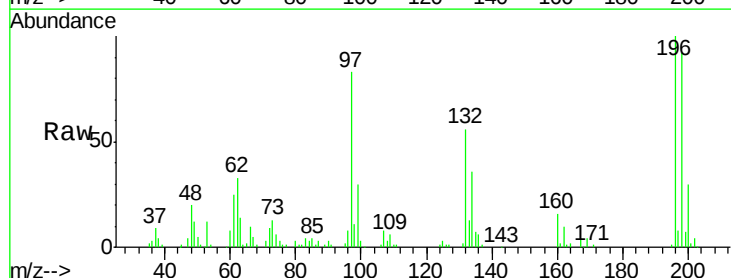


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

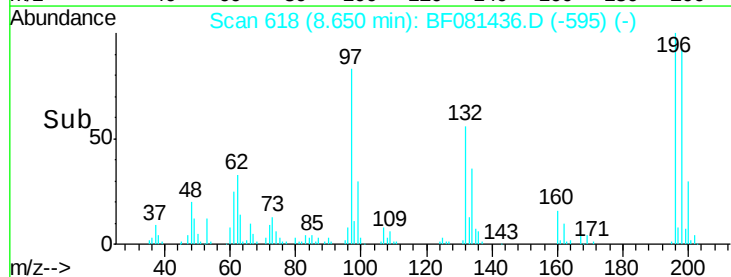
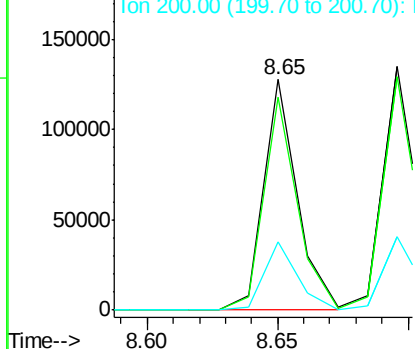


#42
 2,4,6-Trichlorophenol
 Concen: 37.10 ng
 RT: 8.65 min Scan# 618
 Delta R.T. -0.03 min
 Lab File: BF081436.D
 Acq: 4 Sep 2015 23:58

Tgt Ion:196 Resp: 114359
 Ion Ratio Lower Upper
 196 100
 198 92.5 75.7 113.5
 200 29.7 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

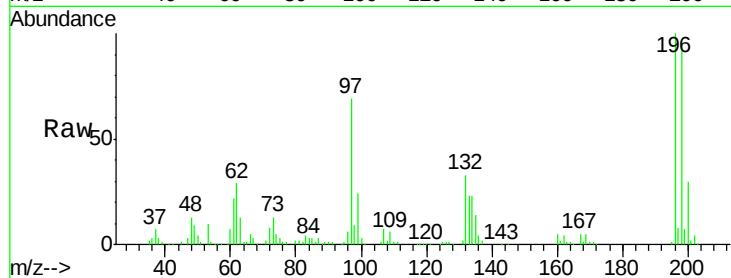




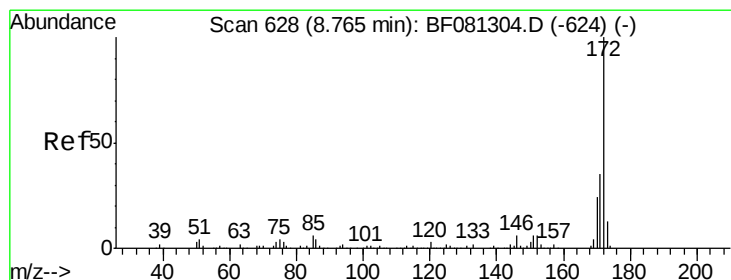
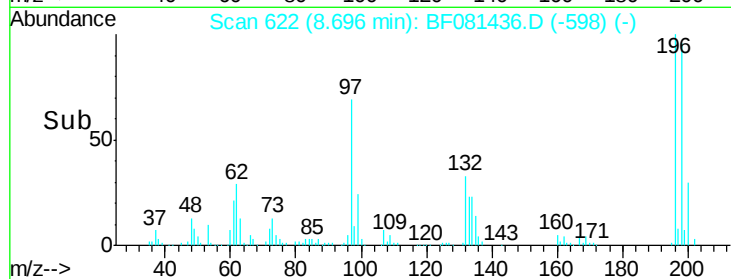
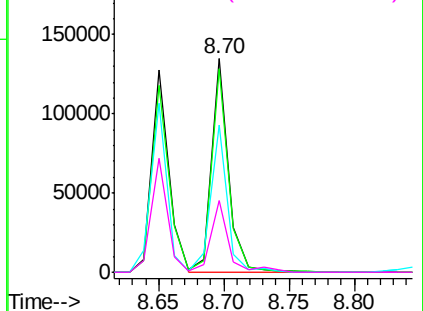
#43
 2,4,5-Trichlorophenol
 Concen: 38.70 ng
 RT: 8.70 min Scan# 622
 Delta R.T. -0.02 min
 Lab File: BF081436.D
 Acq: 4 Sep 2015 23:58

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	196	Resp:	121712
Ion	Ratio	Lower	Upper
196	100		
198	95.6	75.4	113.0
97	69.2	33.3	49.9#
132	33.3	24.6	37.0

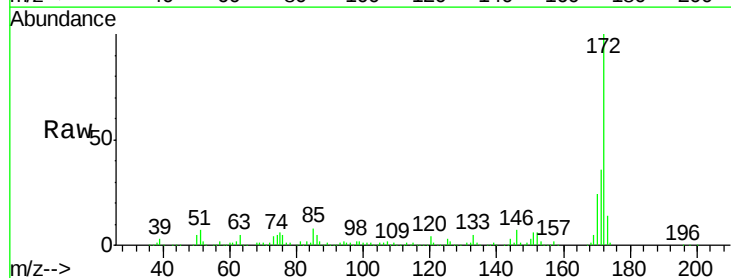


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

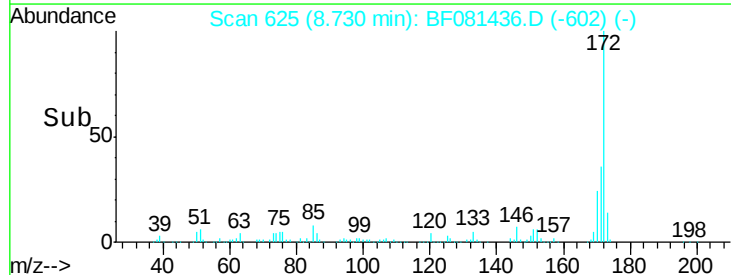
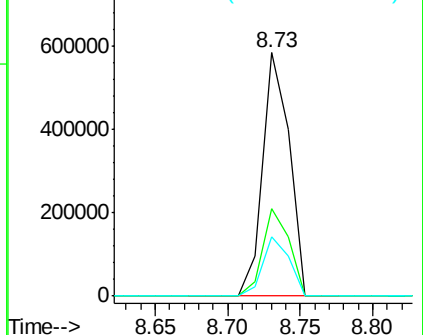


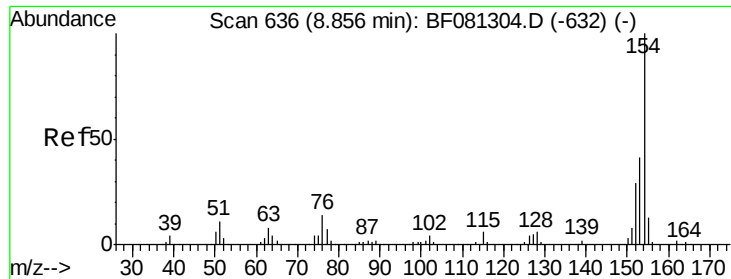
#44
 2-Fluorobiphenyl
 Concen: 67.81 ng
 RT: 8.73 min Scan# 625
 Delta R.T. -0.03 min
 Lab File: BF081436.D
 Acq: 4 Sep 2015 23:58

Tgt Ion:	172	Resp:	747427
Ion	Ratio	Lower	Upper
172	100		
171	35.8	26.1	39.1
170	24.4	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: 38.74 ng

RT: 8.83 min Scan# 634

Delta R.T. -0.02 min

Lab File: BF081436.D

Acq: 4 Sep 2015 23:58

Instrument :

BNA_F

ClientSampleId :

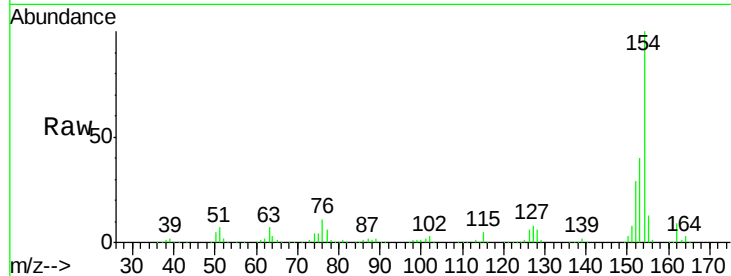
Tot Ion:154 Resp: 503410

Ion Ratio Lower Upper

154 100

153 40.5 17.1 57.1

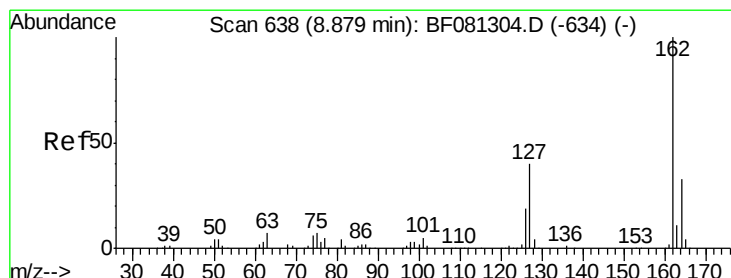
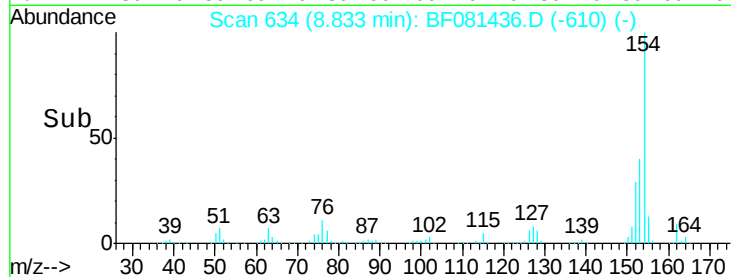
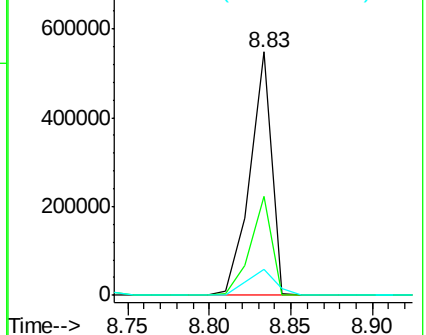
76 10.6 0.0 31.6



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0



#46

2-Chloronaphthalene

Concen: 35.15 ng

RT: 8.84 min Scan# 635

Delta R.T. -0.03 min

Lab File: BF081436.D

Acq: 4 Sep 2015 23:58

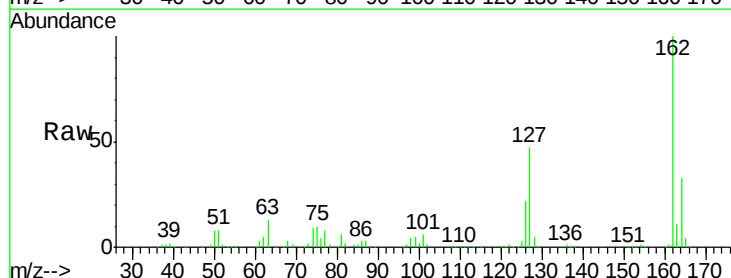
Tgt Ion:162 Resp: 329900

Ion Ratio Lower Upper

162 100

127 46.8 27.6 41.4#

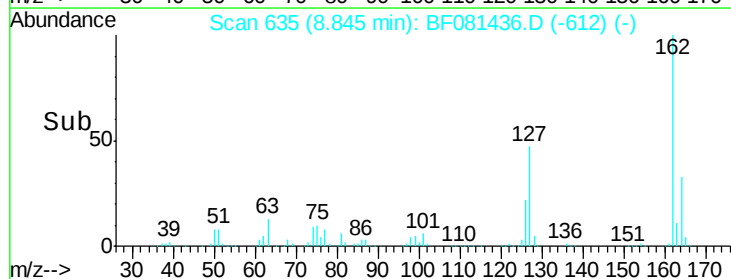
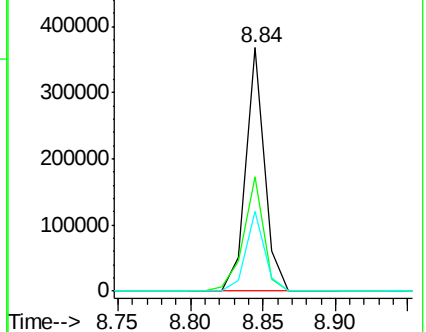
164 32.6 25.4 38.2



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

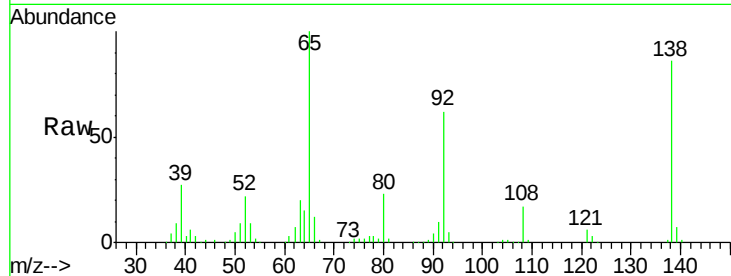




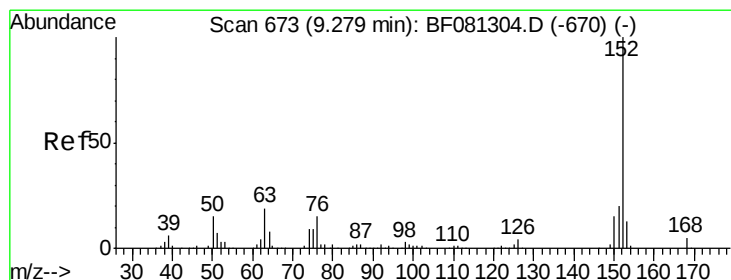
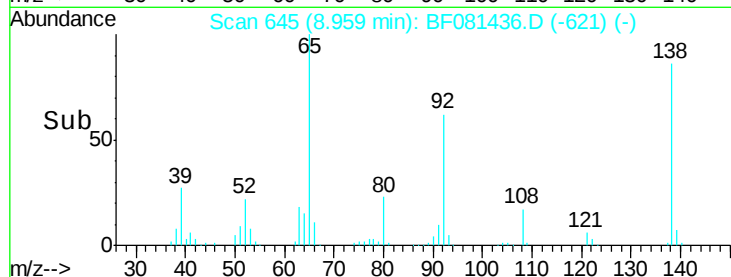
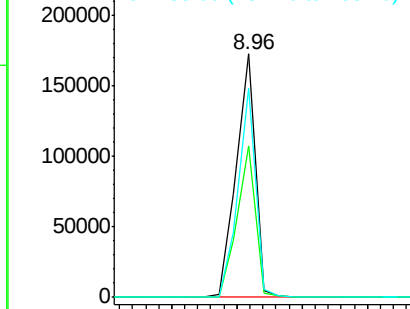
#47
2-Nitroaniline
Concen: 45.54 ng
RT: 8.96 min Scan# 645
Delta R.T. -0.02 min
Lab File: BF081436.D
Acq: 4 Sep 2015 23:58

Instrument :
BNA_F
ClientSampled :

Tot Ion: 65 Resp: 174184
Ion Ratio Lower Upper
65 100
92 62.0 55.4 83.0
138 86.0 115.5 173.3#

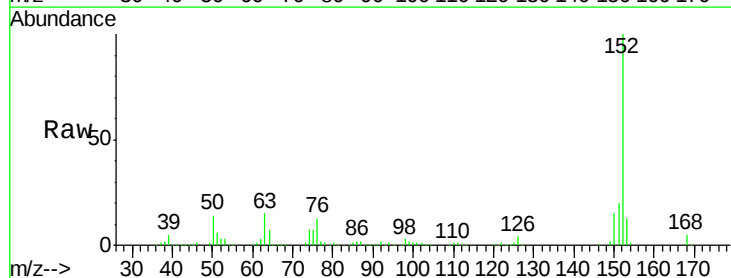


Abundance Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0
Ion 138.00 (137.70 to 138.70): BF0

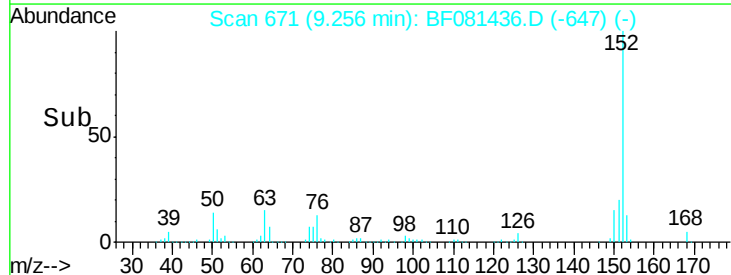
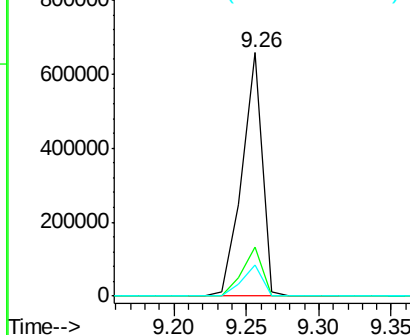


#48
Acenaphthylene
Concen: 38.27 ng
RT: 9.26 min Scan# 671
Delta R.T. -0.02 min
Lab File: BF081436.D
Acq: 4 Sep 2015 23:58

Tgt Ion: 152 Resp: 637171
Ion Ratio Lower Upper
152 100
151 20.3 14.6 22.0
153 13.0 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

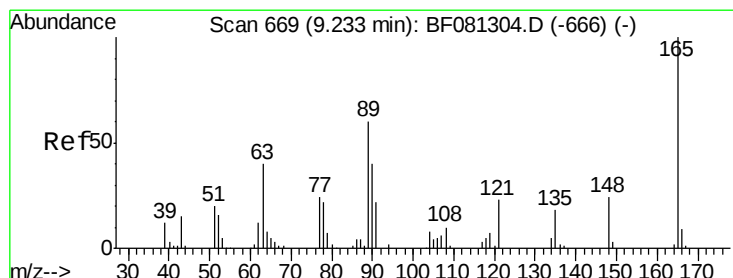
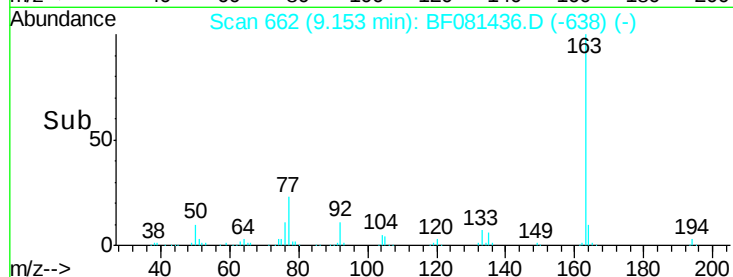
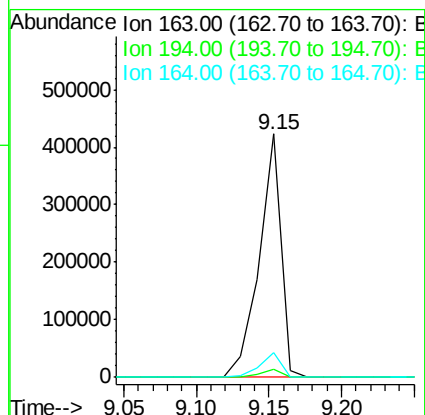
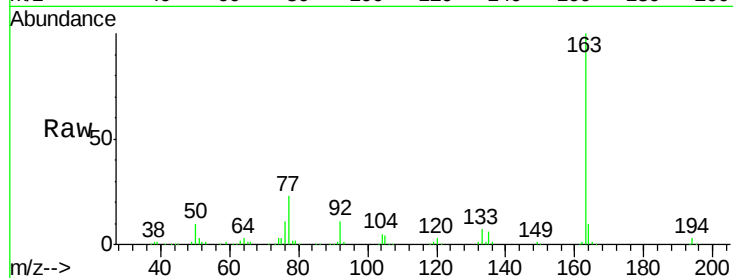




#49
Dimethylphthalate
Concen: 40.09 ng
RT: 9.15 min Scan# 662
Delta R.T. -0.02 min
Lab File: BF081436.D
Acq: 4 Sep 2015 23:58

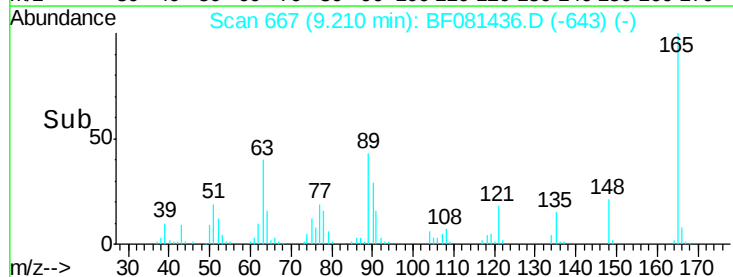
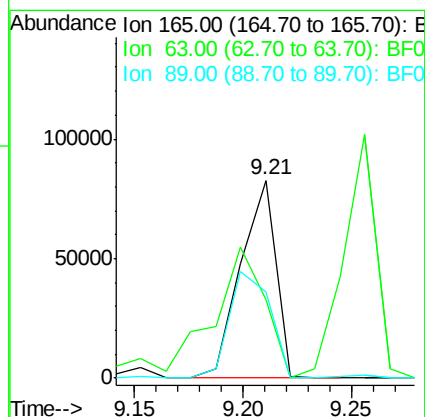
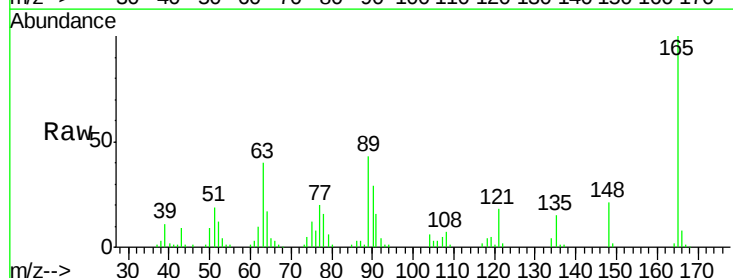
Instrument :
BNA_F
ClientSampleId :

Tot Ion:163 Resp: 439979
Ion Ratio Lower Upper
163 100
194 3.1 4.4 6.6#
164 10.1 8.3 12.5



#50
2,6-Dinitrotoluene
Concen: 37.12 ng
RT: 9.21 min Scan# 667
Delta R.T. -0.02 min
Lab File: BF081436.D
Acq: 4 Sep 2015 23:58

Tgt Ion:165 Resp: 92465
Ion Ratio Lower Upper
165 100
63 40.0 32.3 48.5
89 43.2 28.6 43.0#

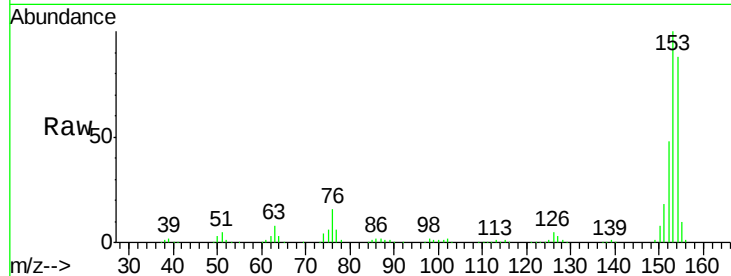




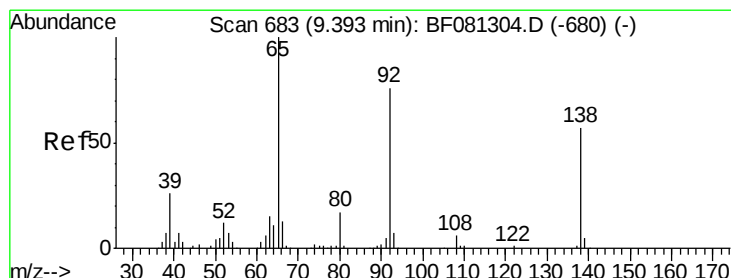
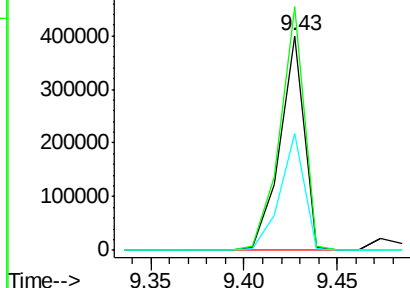
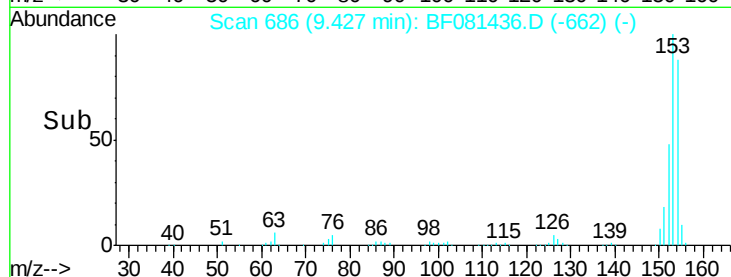
#51
Acenaphthene
Concen: 38.72 ng
RT: 9.43 min Scan# 686
Delta R.T. -0.02 min
Lab File: BF081436.D
Acq: 4 Sep 2015 23:58

Instrument :
BNA_F
ClientSampleId :

Tot Ion:154 Resp: 366690
Ion Ratio Lower Upper
154 100
153 113.3 82.1 123.1
152 54.6 37.9 56.9

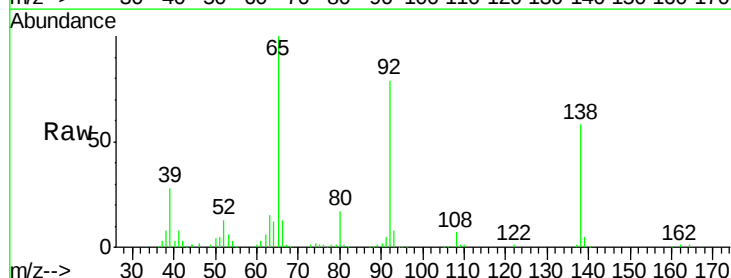


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

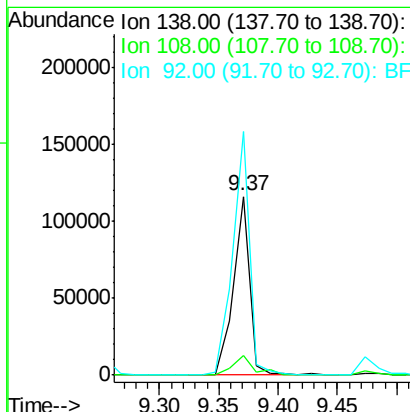
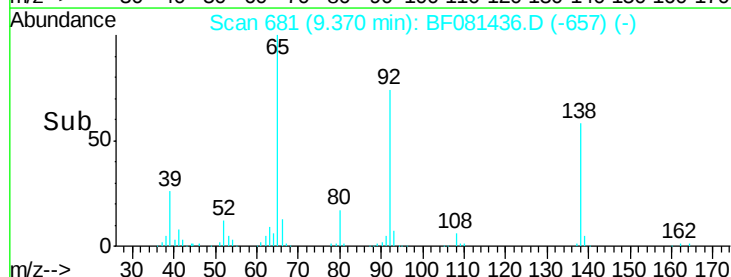


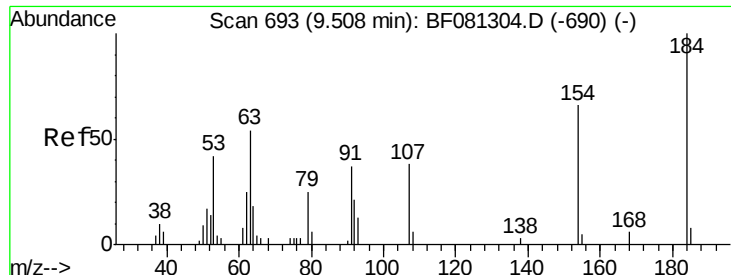
#52
3-Nitroaniline
Concen: 39.11 ng
RT: 9.37 min Scan# 681
Delta R.T. -0.02 min
Lab File: BF081436.D
Acq: 4 Sep 2015 23:58

Tgt Ion:138 Resp: 110886
Ion Ratio Lower Upper
138 100
108 11.3 5.7 8.5#
92 136.4 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

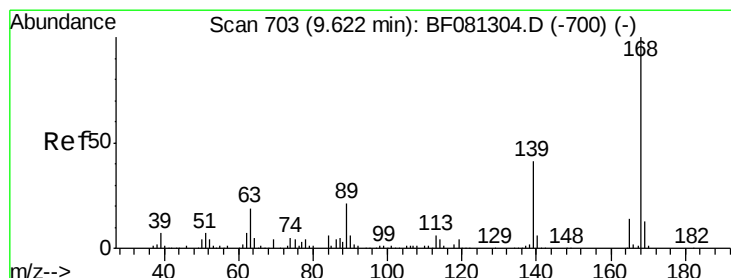
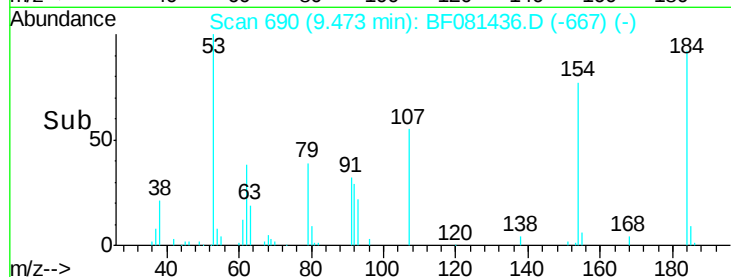
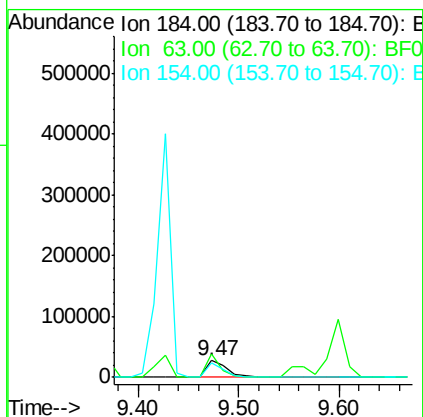
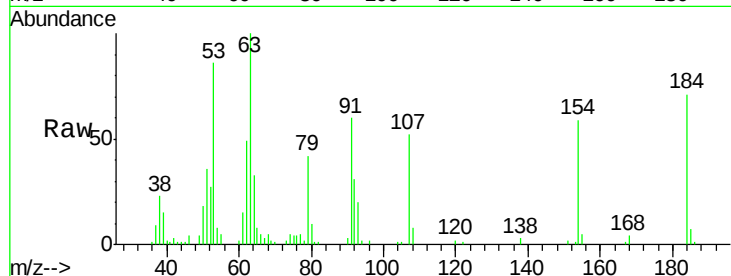




#53
2,4-Dinitrophenol
Concen: 38.84 ng
RT: 9.47 min Scan# 690
Delta R.T. -0.03 min
Lab File: BF081436.D
Acq: 4 Sep 2015 23:58

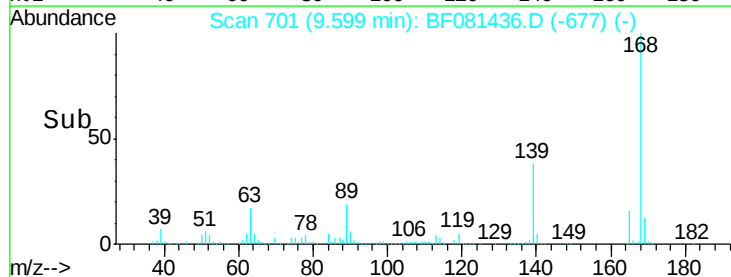
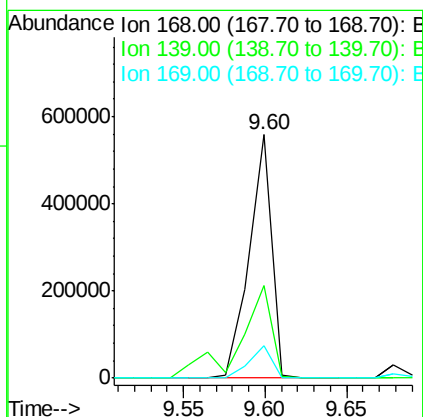
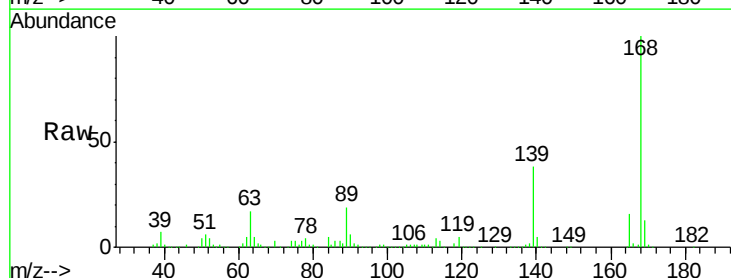
Instrument :
BNA_F
ClientSampled :

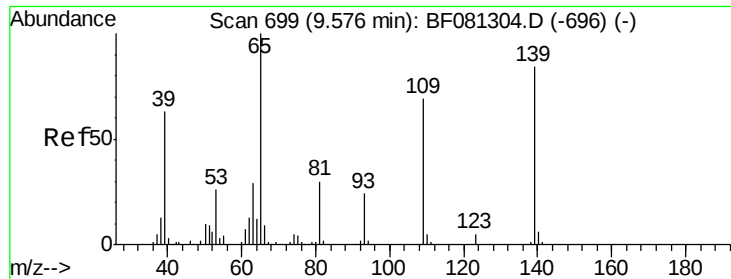
Tot Ion:184 Resp: 40743
Ion Ratio Lower Upper
184 100
63 140.9 35.4 53.2#
154 83.0 32.2 48.4#



#54
Dibenzofuran
Concen: 38.64 ng
RT: 9.60 min Scan# 701
Delta R.T. -0.02 min
Lab File: BF081436.D
Acq: 4 Sep 2015 23:58

Tgt Ion:168 Resp: 534371
Ion Ratio Lower Upper
168 100
139 38.1 24.2 36.2#
169 13.3 10.6 15.8

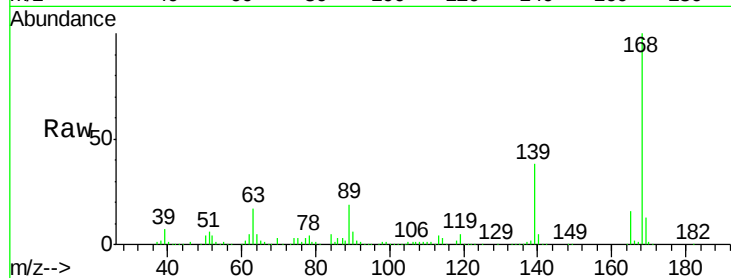




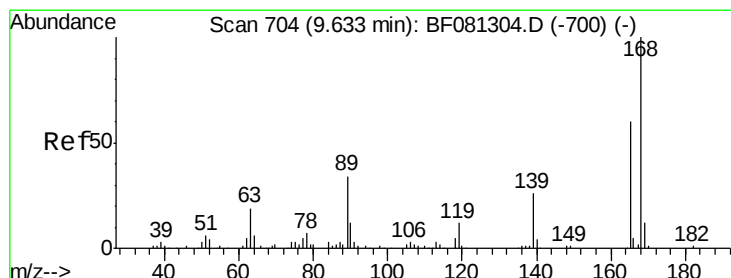
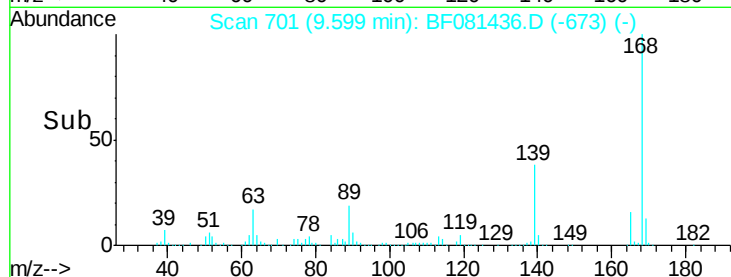
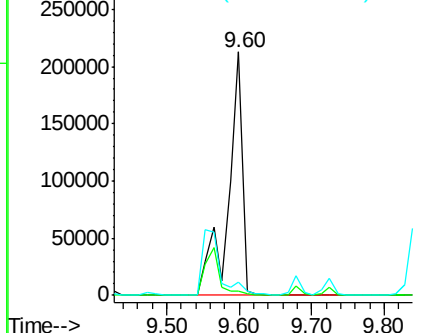
#55
4-Nitrophenol
Concen: 162.63 ng
RT: 9.60 min Scan# 701
Delta R.T. 0.02 min
Lab File: BF081436.D
Acq: 4 Sep 2015 23:58

Instrument :
BNA_F
ClientSampleId :

Tot Ion:139 Resp: 289714
Ion Ratio Lower Upper
139 100
109 1.5 12.7 52.7#
65 5.4 45.9 85.9#

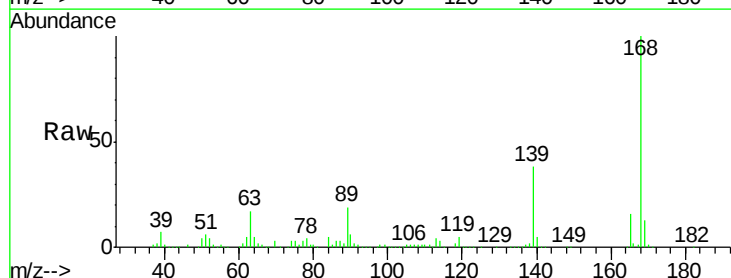


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0

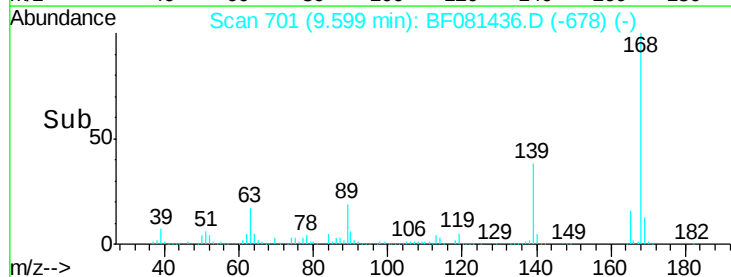
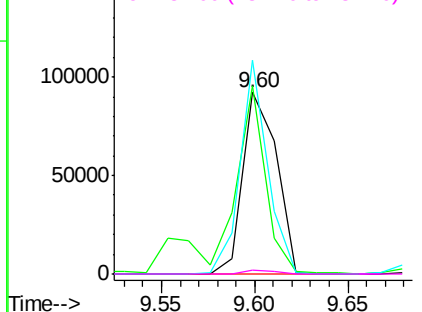


#56
2,4-Dinitrotoluene
Concen: 36.49 ng
RT: 9.60 min Scan# 701
Delta R.T. -0.03 min
Lab File: BF081436.D
Acq: 4 Sep 2015 23:58

Tgt Ion:165 Resp: 115725
Ion Ratio Lower Upper
165 100
63 103.9 29.8 44.6#
89 117.7 44.5 66.7#
182 1.8 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

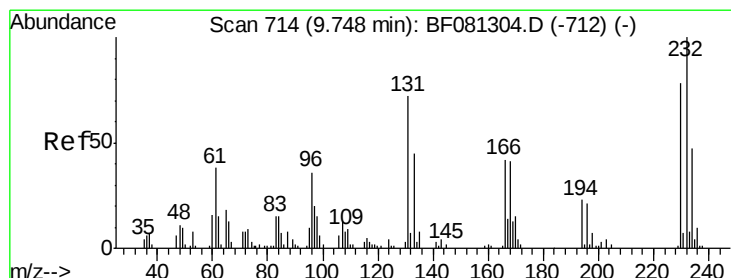
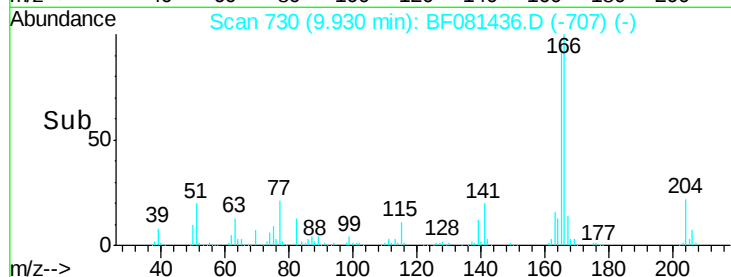
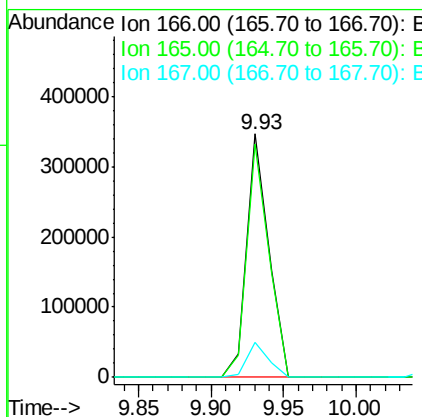
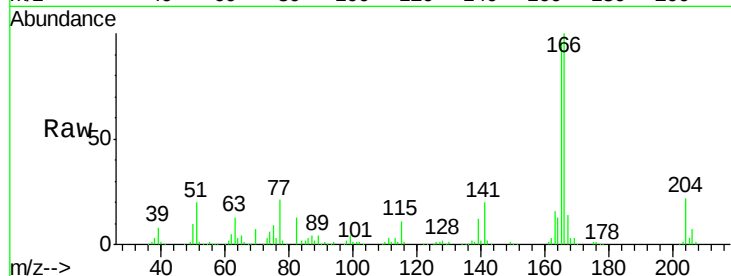




#57
Fluorene
 Concen: 34.96 ng
 RT: 9.93 min Scan# 730
 Delta R.T. -0.03 min
 Lab File: BF081436.D
 Acq: 4 Sep 2015 23:58

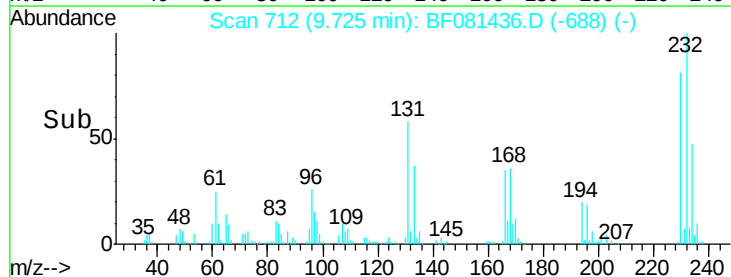
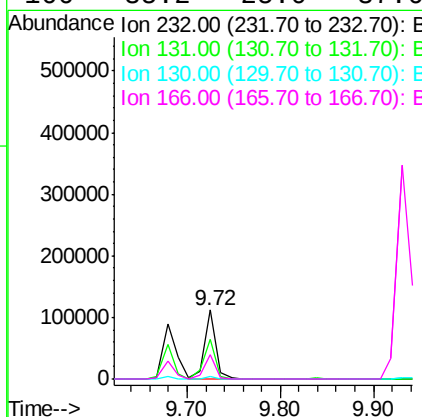
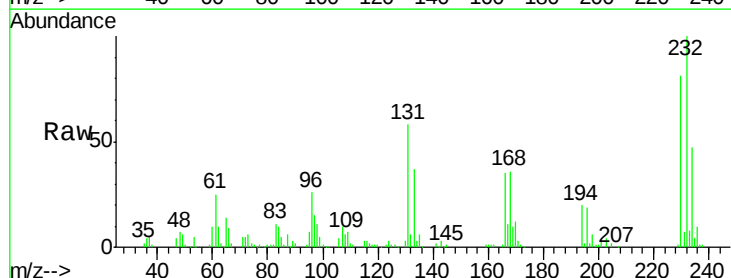
Instrument :
 BNA_F
 ClientSampleId :

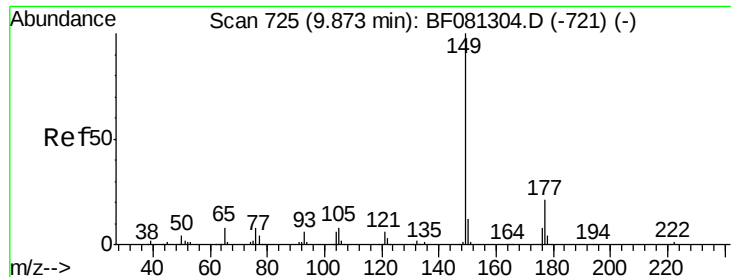
Tot Ion:166 Resp: 366906
 Ion Ratio Lower Upper
 166 100
 165 95.8 72.6 109.0
 167 14.2 10.6 16.0



#58
2,3,4,6-Tetrachlorophenol
 Concen: 39.96 ng
 RT: 9.72 min Scan# 712
 Delta R.T. -0.02 min
 Lab File: BF081436.D
 Acq: 4 Sep 2015 23:58

Tgt Ion:232 Resp: 95943
 Ion Ratio Lower Upper
 232 100
 131 59.9 38.5 57.7#
 130 2.9 1.8 2.6#
 166 35.2 25.0 37.6

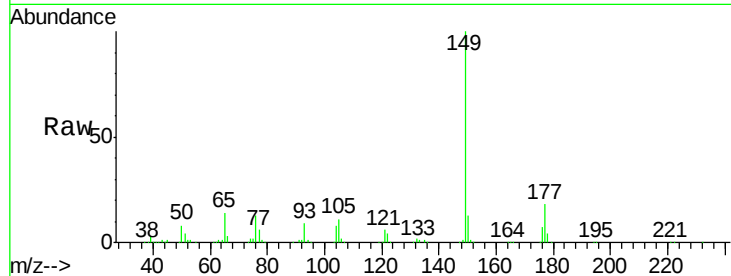




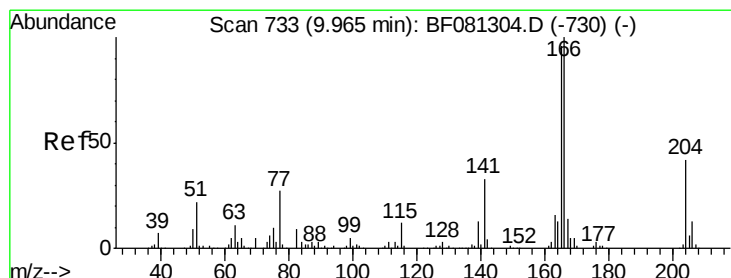
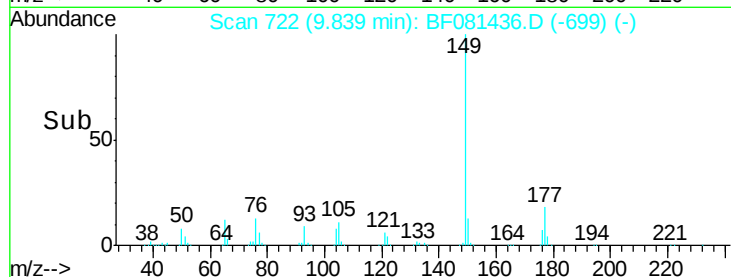
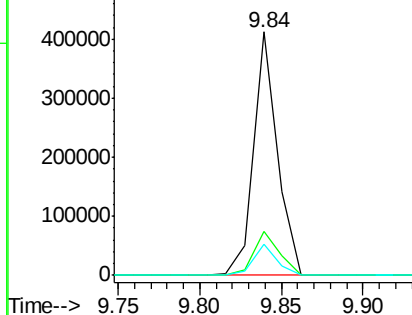
#59
Diethylphthalate
Concen: 36.13 ng
RT: 9.84 min Scan# 722
Delta R.T. -0.03 min
Lab File: BF081436.D
Acq: 4 Sep 2015 23:58

Instrument :
BNA_F
ClientSampleId :

Tot Ion:149 Resp: 417092
Ion Ratio Lower Upper
149 100
177 18.1 17.5 26.3
150 12.7 9.4 14.2

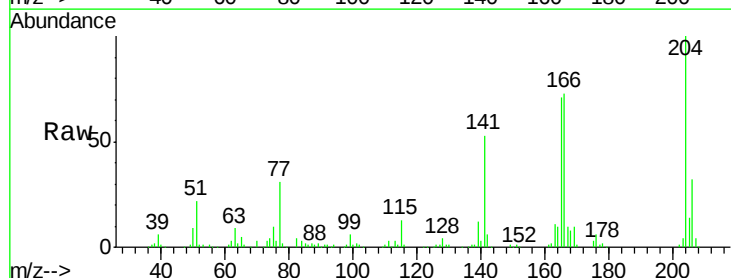


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

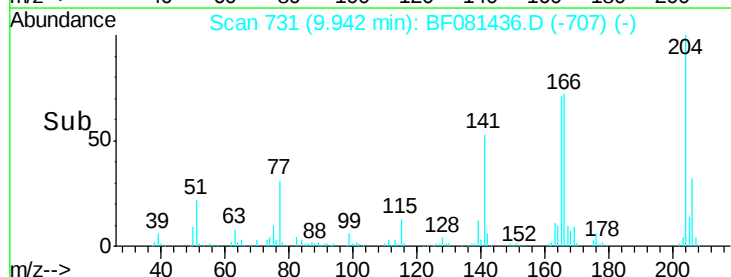
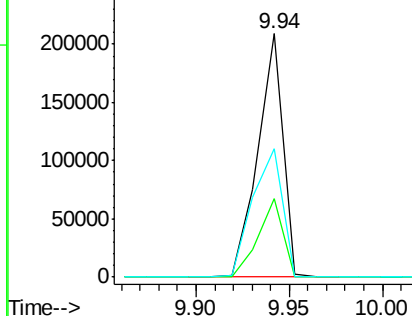


#60
4-Chlorophenyl-phenylether
Concen: 40.27 ng
RT: 9.94 min Scan# 731
Delta R.T. -0.02 min
Lab File: BF081436.D
Acq: 4 Sep 2015 23:58

Tgt Ion:204 Resp: 196963
Ion Ratio Lower Upper
204 100
206 32.2 24.8 37.2
141 52.7 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: 35.52 ng

RT: 9.98 min Scan# 734

Delta R.T. -0.02 min

Lab File: BF081436.D

Acq: 4 Sep 2015 23:58

Instrument :

BNA_F

ClientSampled :

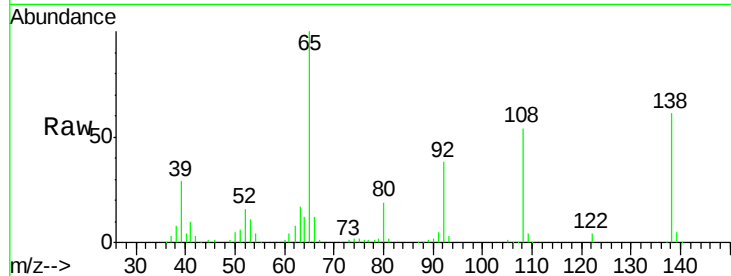
Tot Ion:138 Resp: 101745

Ion Ratio Lower Upper

138 100

92 62.2 12.6 52.6#

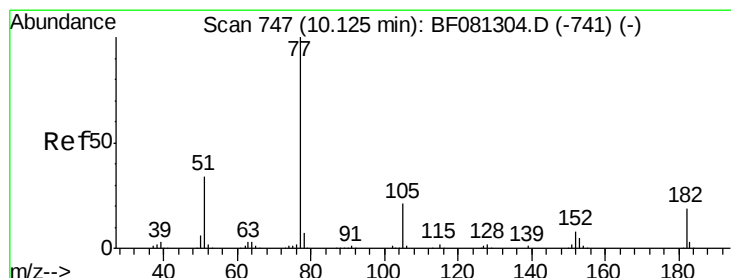
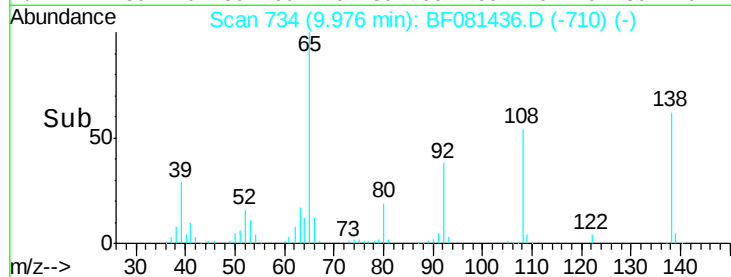
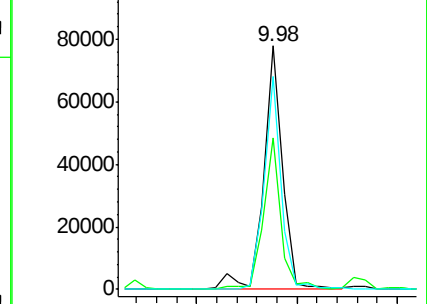
108 87.5 12.4 52.4#



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 36.83 ng

RT: 10.09 min Scan# 744

Delta R.T. -0.03 min

Lab File: BF081436.D

Acq: 4 Sep 2015 23:58

Tgt Ion: 77 Resp: 472657

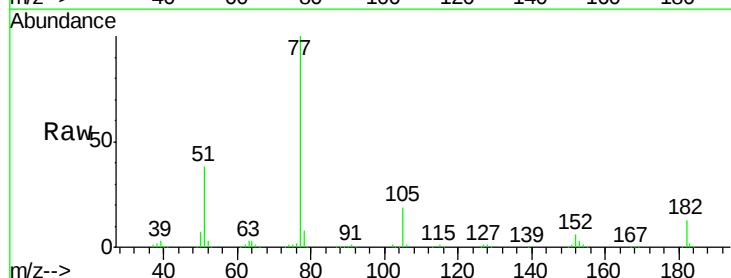
Ion Ratio Lower Upper

77 100

182 13.1 15.1 55.1#

105 18.9 3.4 43.4

51 37.6 12.0 52.0

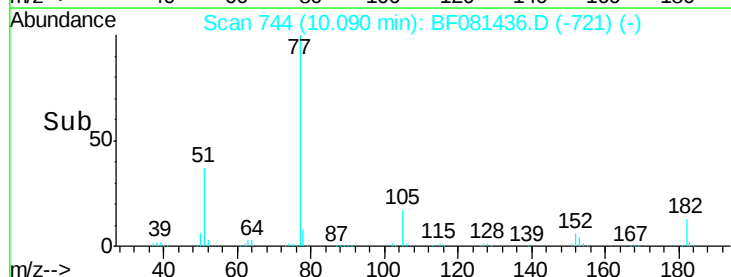
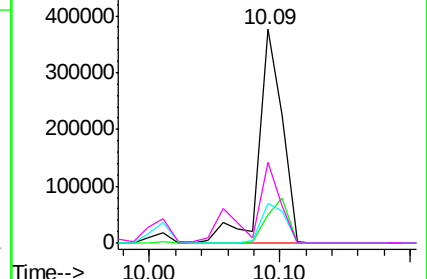


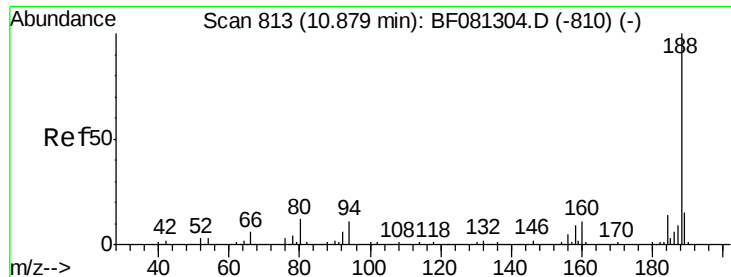
Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0

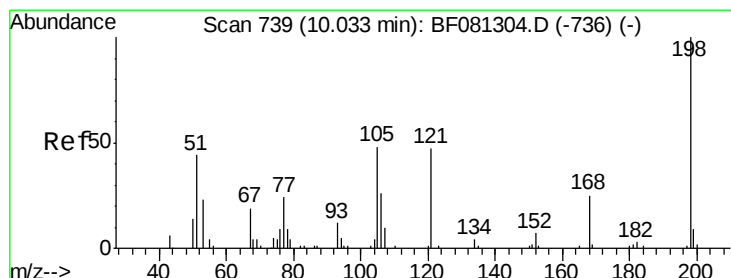
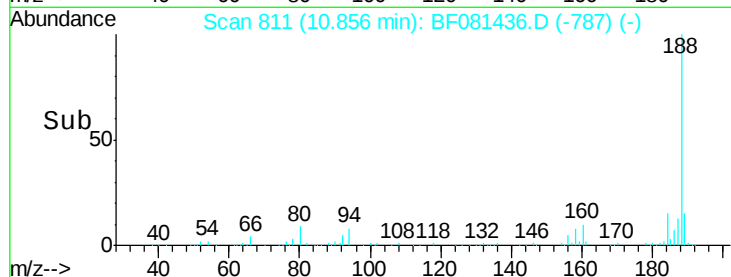
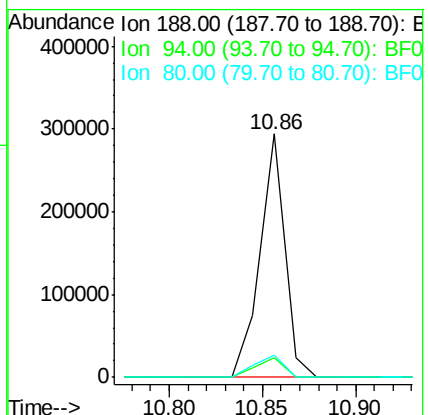
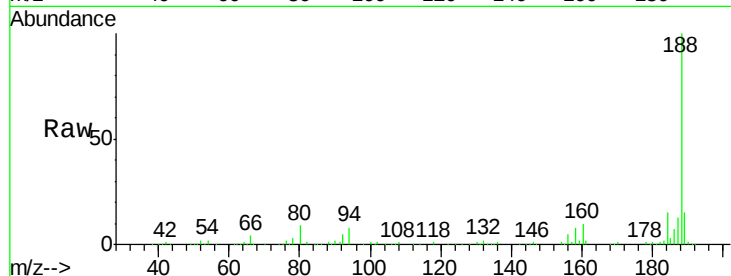




#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 10.86 min Scan# 811
 Delta R.T. -0.02 min
 Lab File: BF081436.D
 Acq: 4 Sep 2015 23:58

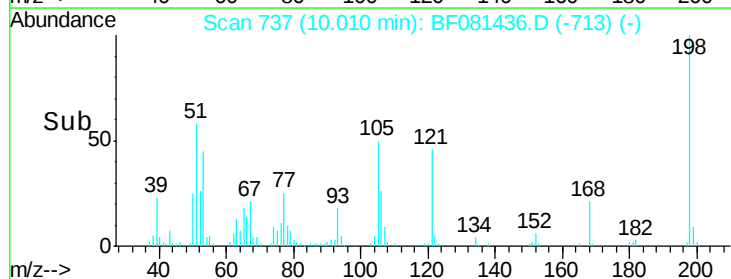
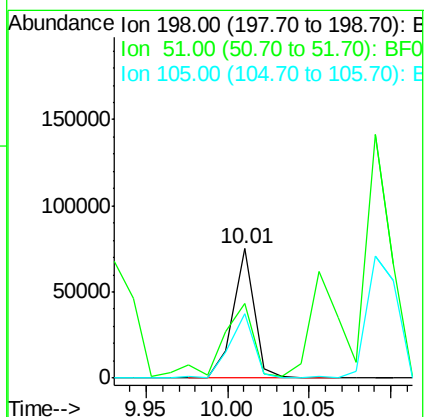
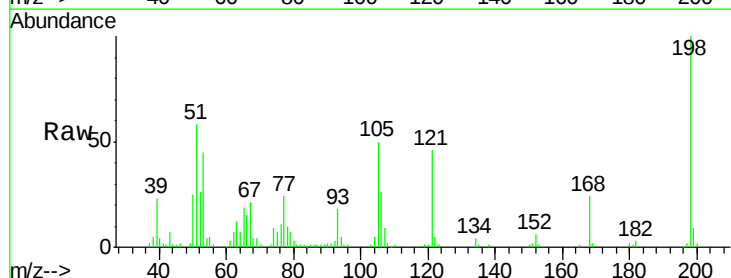
Instrument :
 BNA_F
 ClientSampleId :

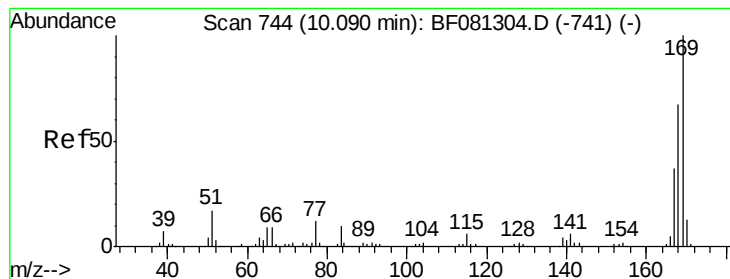
Tot Ion	Ratio	Lower	Upper
188	100		
94	8.1	11.1	16.7#
80	9.1	11.0	16.4#



#64
 4,6-Dinitro-2-methylphenol
 Concen: 44.54 ng
 RT: 10.01 min Scan# 737
 Delta R.T. -0.02 min
 Lab File: BF081436.D
 Acq: 4 Sep 2015 23:58

Tgt Ion	Ratio	Lower	Upper
198	100		
51	57.7	39.6	79.6
105	49.6	28.5	68.5

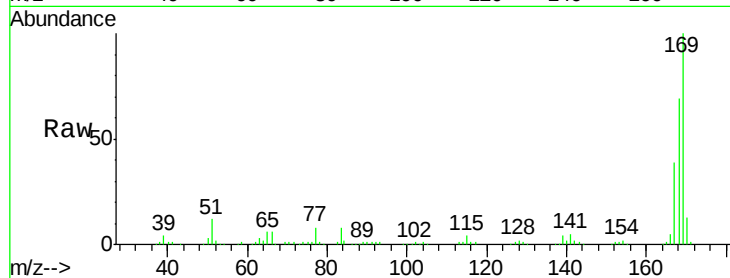




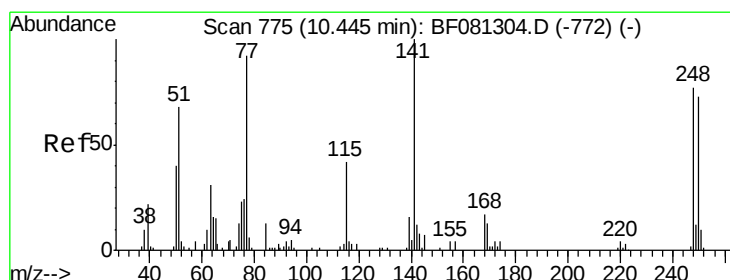
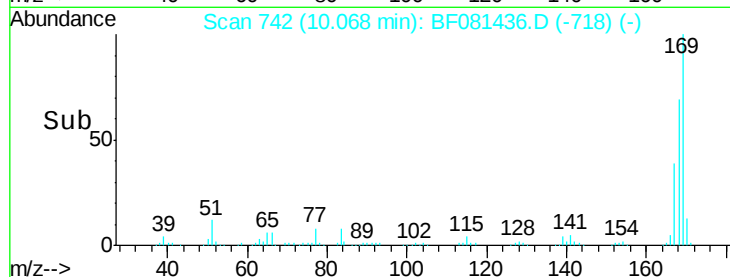
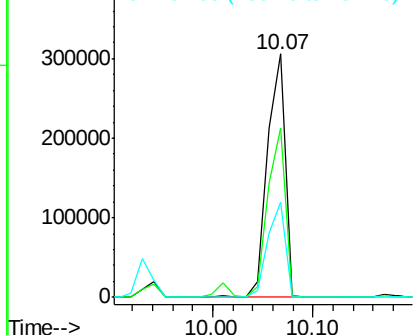
#65
 n-Nitrosodiphenylamine
 Concen: 38.03 ng
 RT: 10.07 min Scan# 742
 Delta R.T. -0.02 min
 Lab File: BF081436.D
 Acq: 4 Sep 2015 23:58

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:169 Resp: 373470
 Ion Ratio Lower Upper
 169 100
 168 69.4 48.9 73.3
 167 38.9 26.2 39.4

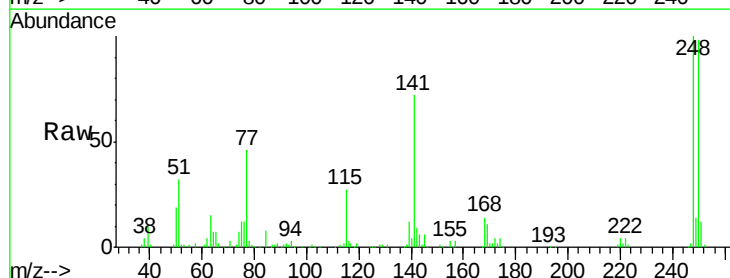


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

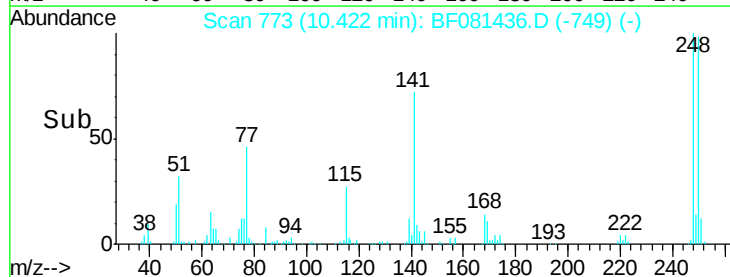
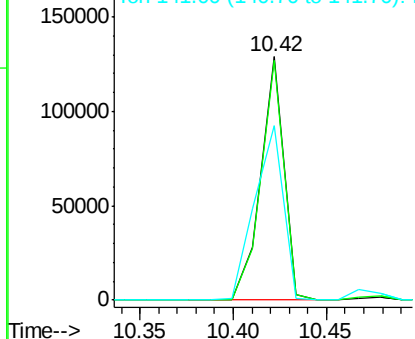


#66
 4-Bromophenyl-phenylether
 Concen: 40.27 ng
 RT: 10.42 min Scan# 773
 Delta R.T. -0.02 min
 Lab File: BF081436.D
 Acq: 4 Sep 2015 23:58

Tgt Ion:248 Resp: 109891
 Ion Ratio Lower Upper
 248 100
 250 98.3 78.5 117.7
 141 71.6 59.0 88.6



Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

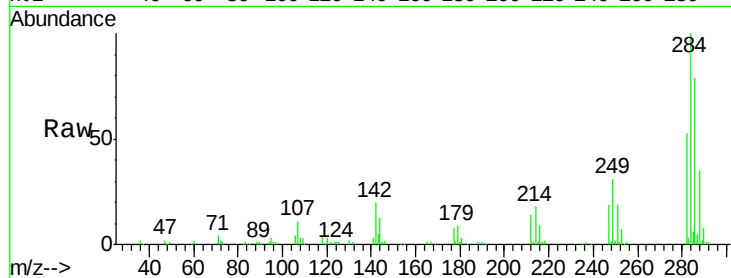




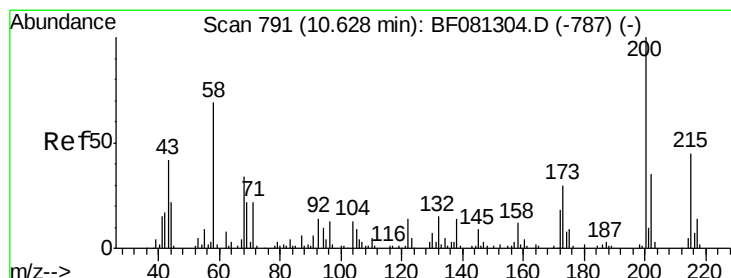
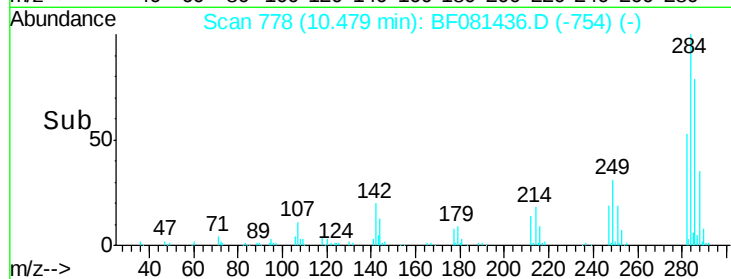
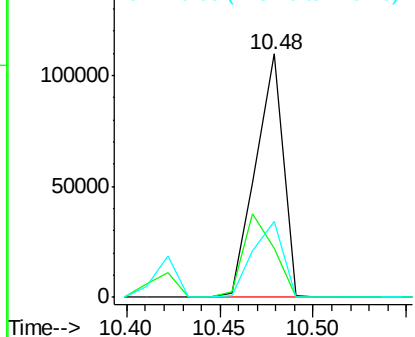
#67
Hexachlorobenzene
Concen: 39.48 ng
RT: 10.48 min Scan# 778
Delta R.T. -0.02 min
Lab File: BF081436.D
Acq: 4 Sep 2015 23:58

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
284	100		
142	20.2	29.5	44.3#
249	31.0	19.5	29.3#

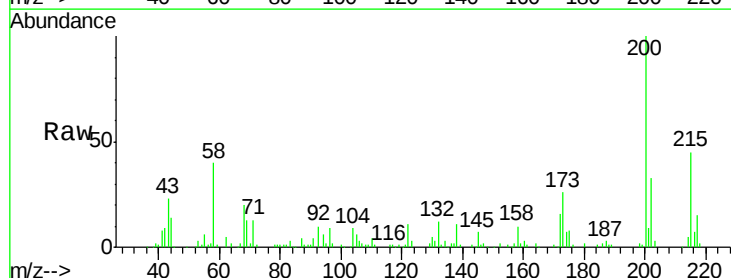


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

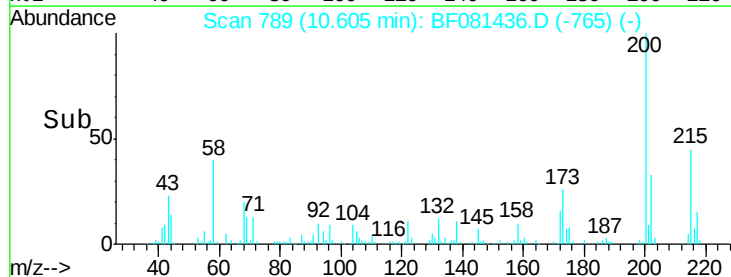
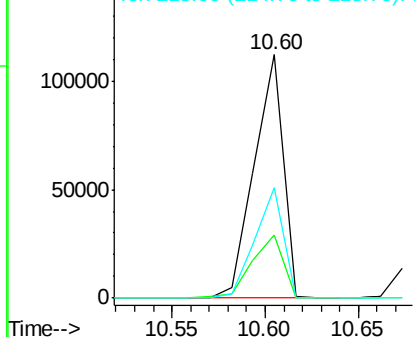


#68
Atrazine
Concen: 42.26 ng
RT: 10.60 min Scan# 789
Delta R.T. -0.02 min
Lab File: BF081436.D
Acq: 4 Sep 2015 23:58

Tgt Ion	Ratio	Lower	Upper
200	100		
173	26.2	13.2	53.2
215	45.3	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

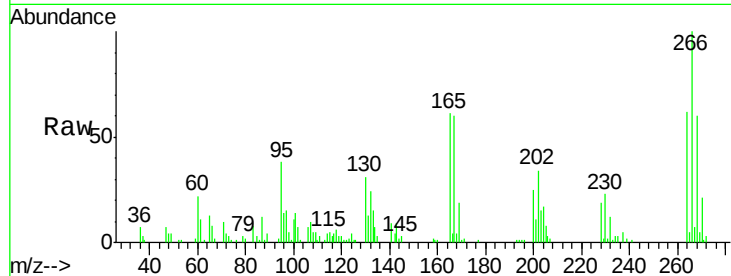




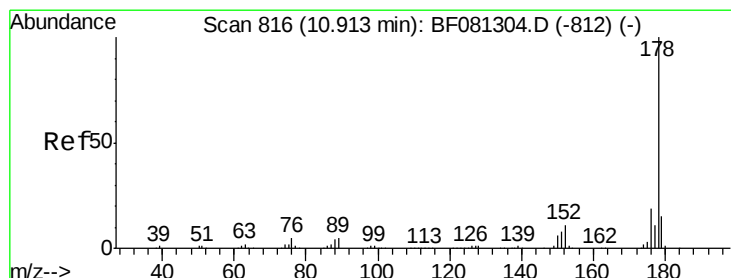
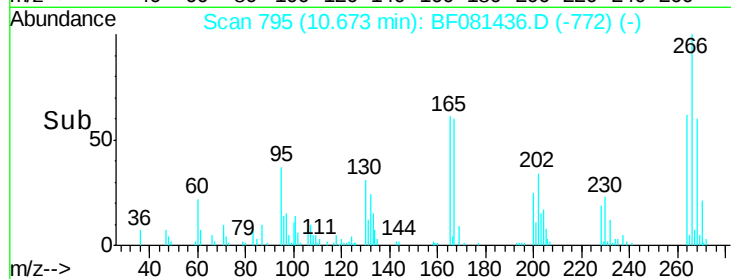
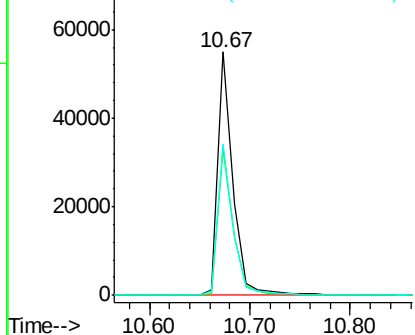
#69
 Pentachlorophenol
 Concen: 45.64 ng
 RT: 10.67 min Scan# 795
 Delta R.T. -0.03 min
 Lab File: BF081436.D
 Acq: 4 Sep 2015 23:58

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:266 Resp: 57539
 Ion Ratio Lower Upper
 266 100
 268 60.0 49.8 74.6
 264 62.4 50.2 75.2

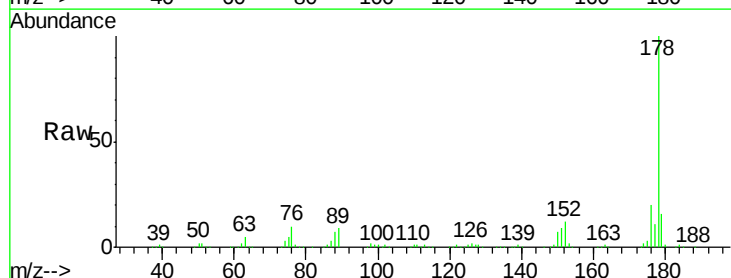


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

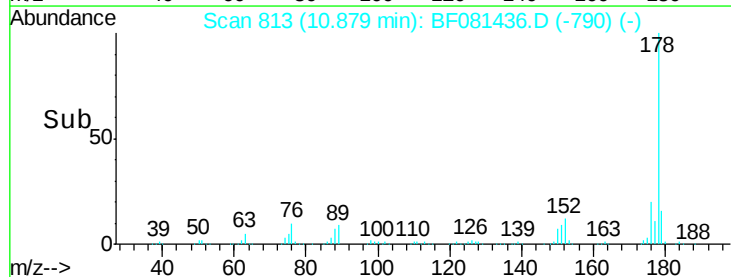
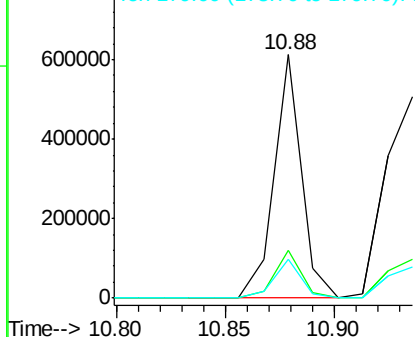


#70
 Phenanthrene
 Concen: 36.08 ng
 RT: 10.88 min Scan# 813
 Delta R.T. -0.03 min
 Lab File: BF081436.D
 Acq: 4 Sep 2015 23:58

Tgt Ion:178 Resp: 541387
 Ion Ratio Lower Upper
 178 100
 176 19.8 13.8 20.8
 179 15.7 12.2 18.2



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

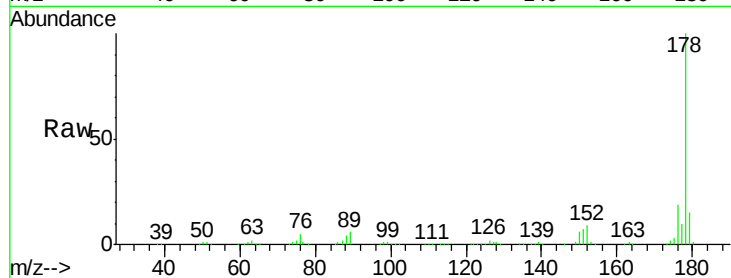




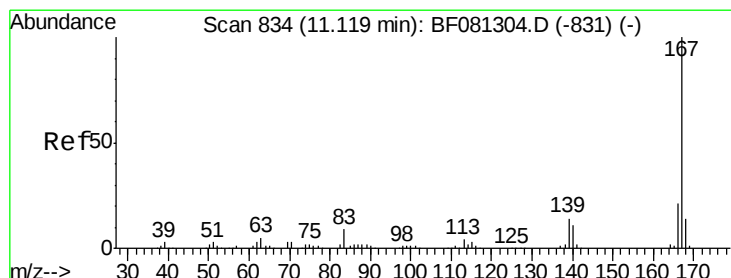
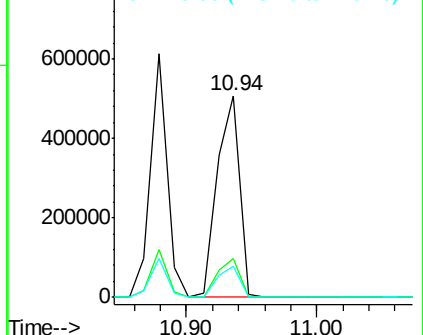
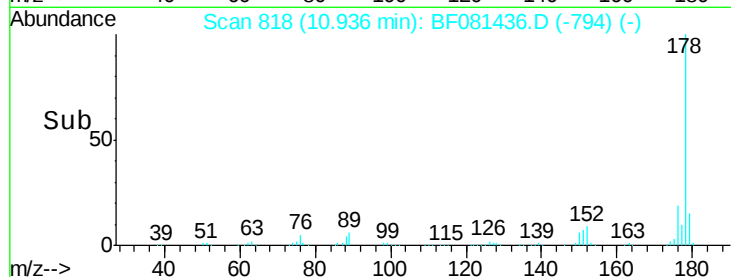
#71
 Anthracene
 Concen: 39.50 ng
 RT: 10.94 min Scan# 818
 Delta R.T. -0.02 min
 Lab File: BF081436.D
 Acq: 4 Sep 2015 23:58

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:178 Resp: 608992
 Ion Ratio Lower Upper
 178 100
 176 19.3 14.1 21.1
 179 15.4 12.2 18.2

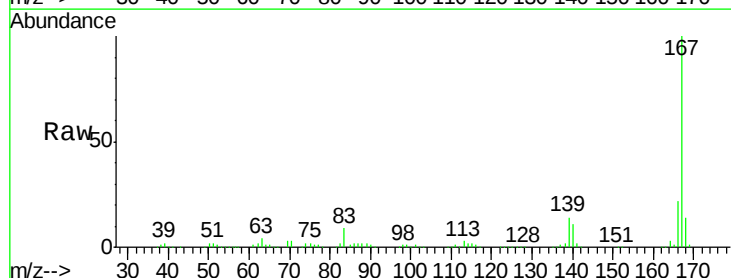


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

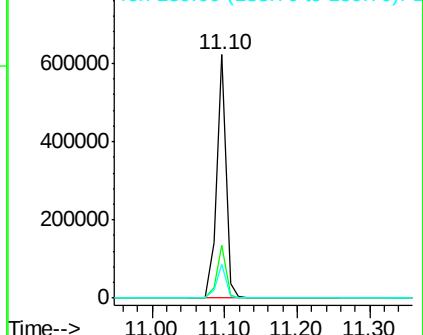
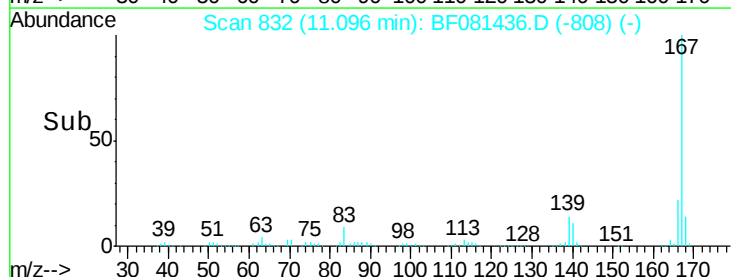


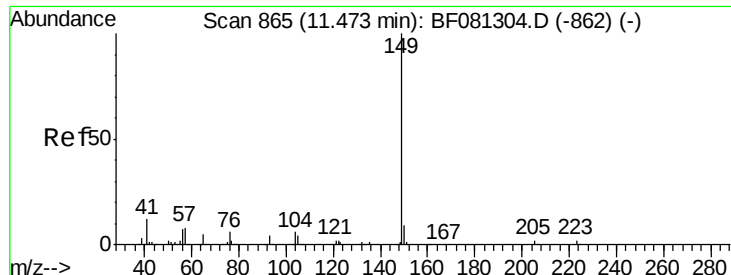
#72
 Carbazole
 Concen: 38.49 ng
 RT: 11.10 min Scan# 832
 Delta R.T. -0.02 min
 Lab File: BF081436.D
 Acq: 4 Sep 2015 23:58

Tgt Ion:167 Resp: 556788
 Ion Ratio Lower Upper
 167 100
 166 21.6 15.7 23.5
 139 13.9 9.5 14.3



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





#73

Di-n-butylphthalate

Concen: 43.01 ng

RT: 11.45 min Scan# 863

Delta R.T. -0.02 min

Lab File: BF081436.D

Acq: 4 Sep 2015 23:58

Instrument :

BNA_F

ClientSampleId :

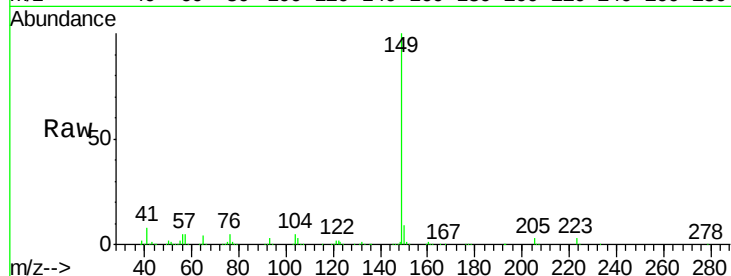
Tot Ion:149 Resp: 734727

Ion Ratio Lower Upper

149 100

150 9.2 7.4 11.2

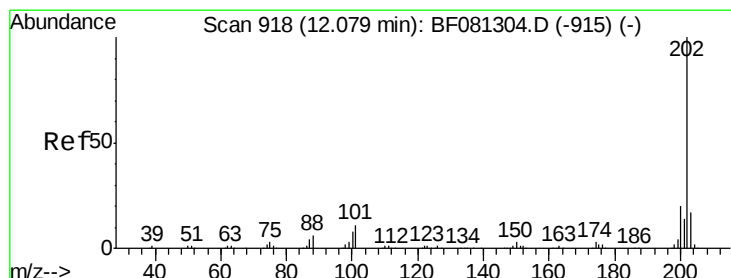
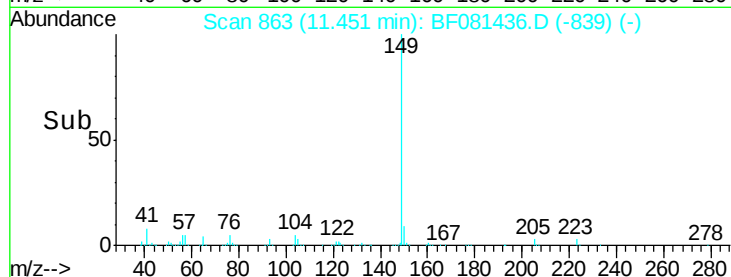
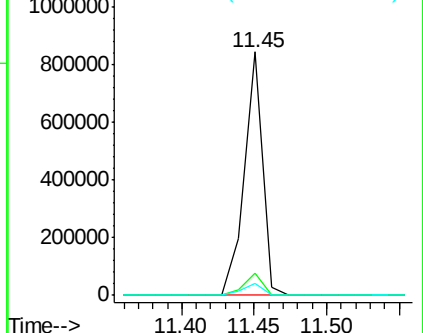
104 4.9 2.4 3.6#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 40.51 ng

RT: 12.06 min Scan# 916

Delta R.T. -0.02 min

Lab File: BF081436.D

Acq: 4 Sep 2015 23:58

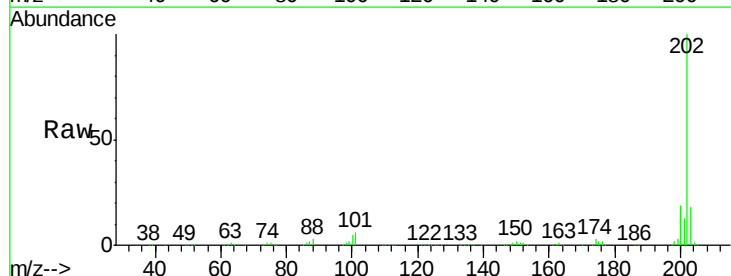
Tgt Ion:202 Resp: 658045

Ion Ratio Lower Upper

202 100

101 6.2 0.0 38.3

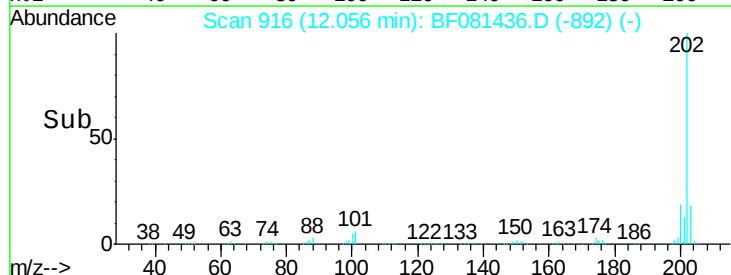
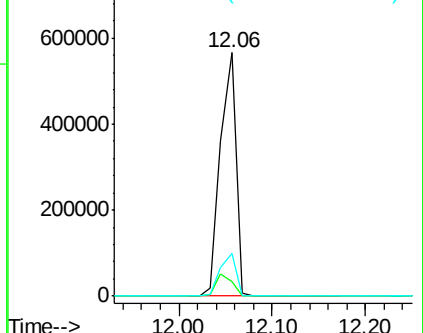
203 17.5 0.0 37.3

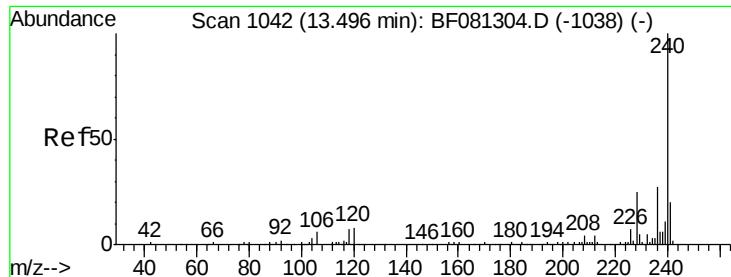


Abundance Ion 202.00 (201.70 to 202.70): E

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. -0.03 min

Lab File: BF081436.D

Acq: 4 Sep 2015 23:58

Instrument :

BNA_F

ClientSampleID :

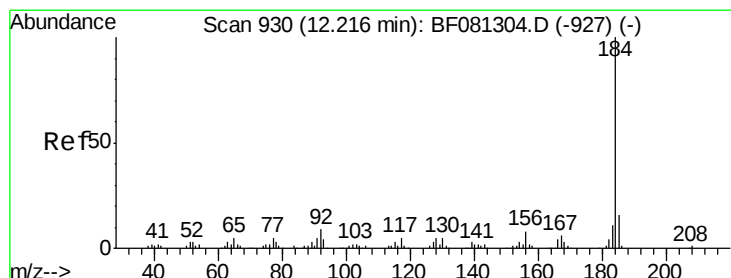
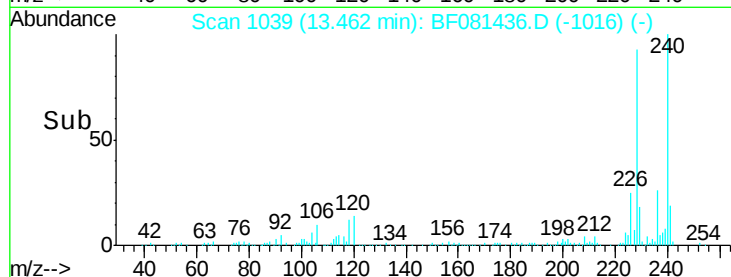
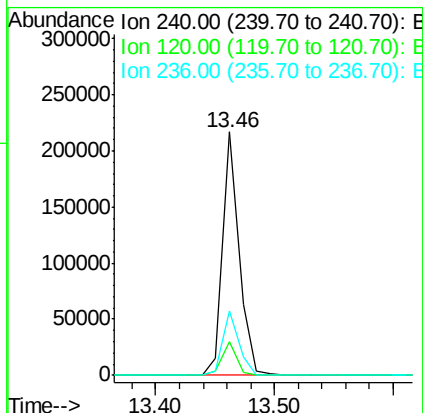
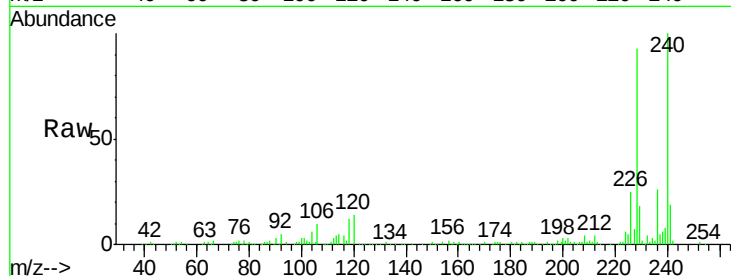
Tot Ion:240 Resp: 206534

Ion Ratio Lower Upper

240 100

120 13.7 16.2 24.2#

236 26.4 18.4 27.6



#76

Benzidine

Concen: 32.89 ng

RT: 12.19 min Scan# 928

Delta R.T. -0.02 min

Lab File: BF081436.D

Acq: 4 Sep 2015 23:58

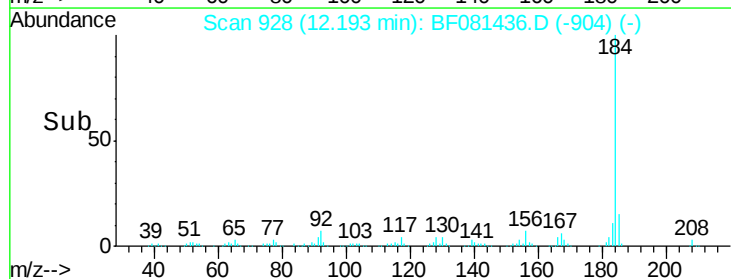
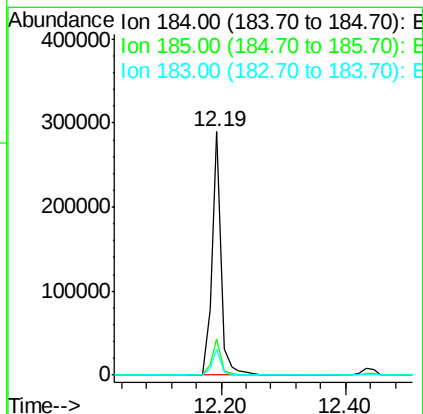
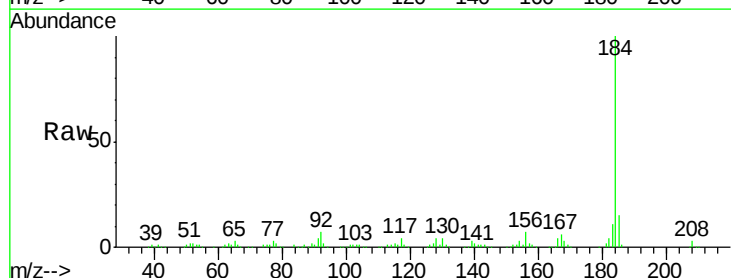
Tgt Ion:184 Resp: 291650

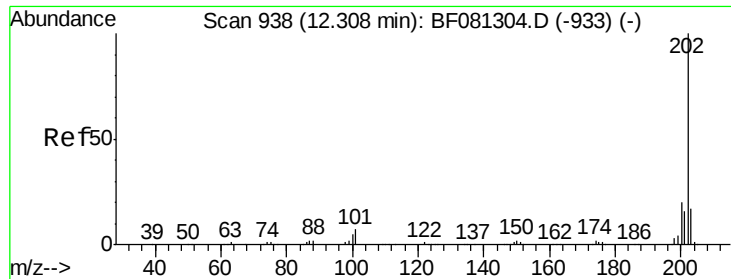
Ion Ratio Lower Upper

184 100

185 15.2 11.8 17.6

183 10.9 7.6 11.4

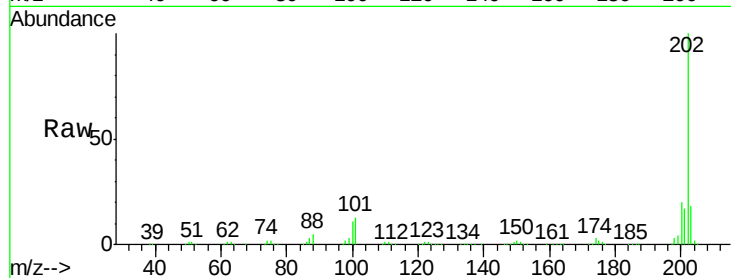




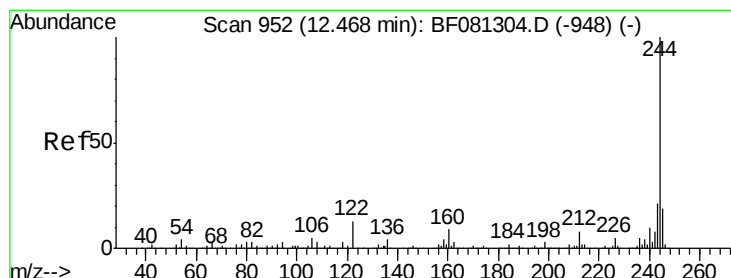
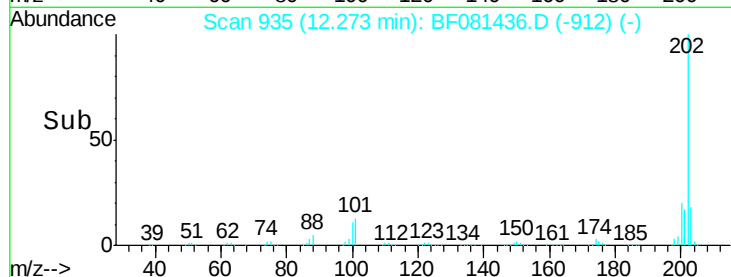
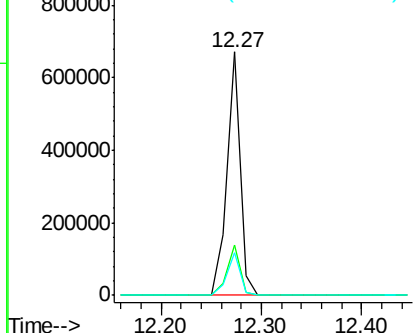
#77
Pvrene
Concen: 40.21 ng
RT: 12.27 min Scan# 935
Delta R.T. -0.03 min
Lab File: BF081436.D
Acq: 4 Sep 2015 23:58

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
202	100		
200	20.4	15.0	22.4
203	17.7	14.1	21.1

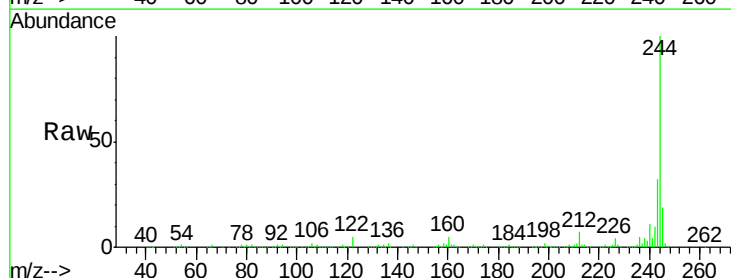


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

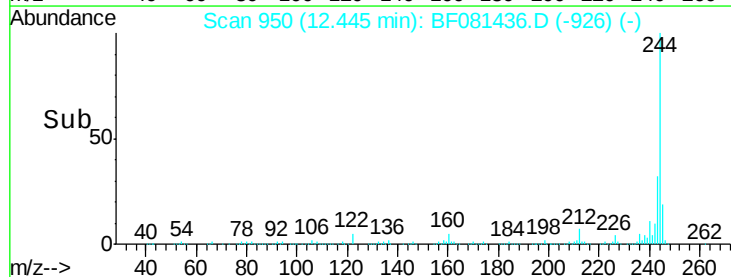
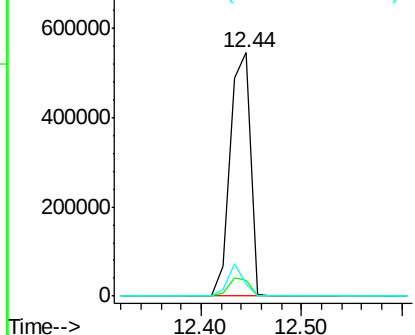


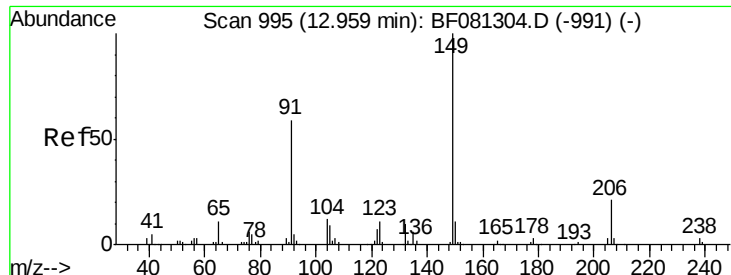
#78
Terphenyl-d14
Concen: 85.81 ng
RT: 12.44 min Scan# 950
Delta R.T. -0.02 min
Lab File: BF081436.D
Acq: 4 Sep 2015 23:58

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.7	4.3	6.5#
122	4.8	17.4	26.2#



Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E

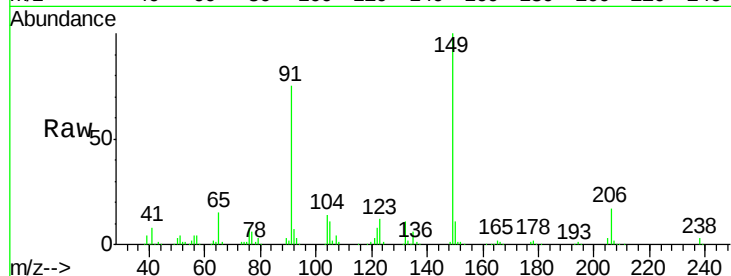




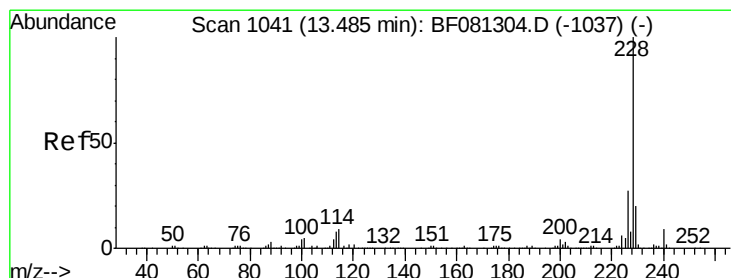
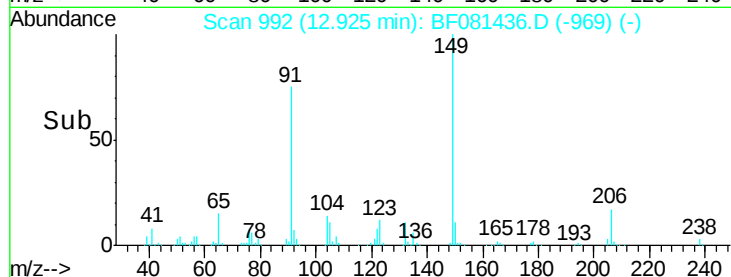
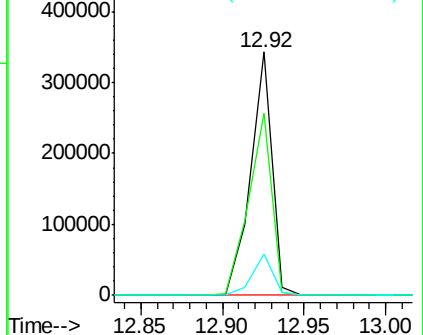
#79
Butylbenzylphthalate
Concen: 47.01 ng
RT: 12.92 min Scan# 992
Delta R.T. -0.03 min
Lab File: BF081436.D
Acq: 4 Sep 2015 23:58

Instrument :
BNA_F
ClientSampleId :

Tot Ion:149 Resp: 312754
Ion Ratio Lower Upper
149 100
91 74.6 48.6 72.8#
206 17.3 14.9 22.3

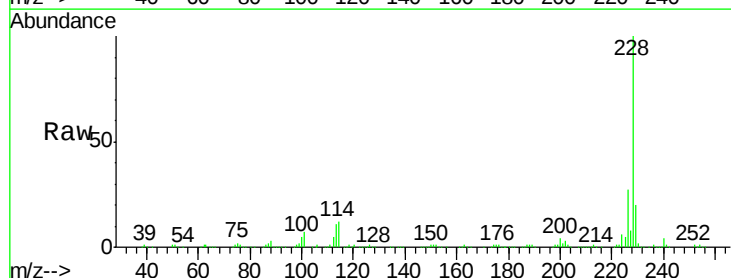


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BF0
Ion 206.00 (205.70 to 206.70): E

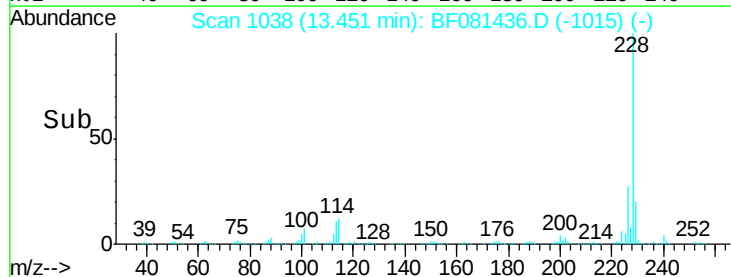
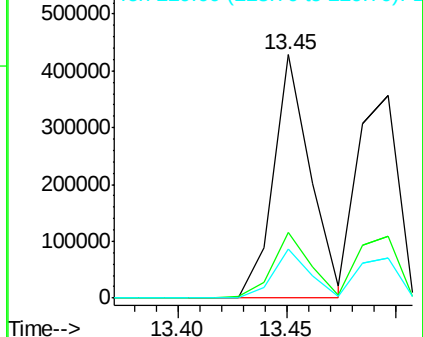


#80
Benzo(a)anthracene
Concen: 38.60 ng
RT: 13.45 min Scan# 1038
Delta R.T. -0.03 min
Lab File: BF081436.D
Acq: 4 Sep 2015 23:58

Tgt Ion:228 Resp: 507727
Ion Ratio Lower Upper
228 100
226 26.9 20.0 30.0
229 20.1 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

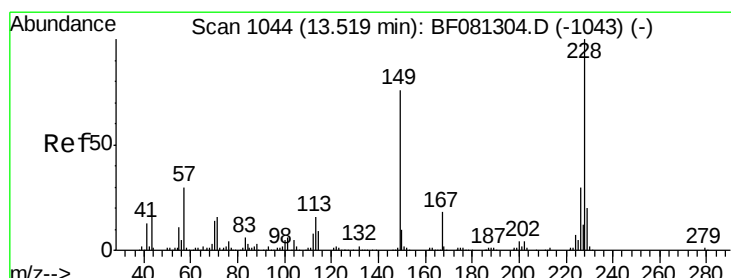
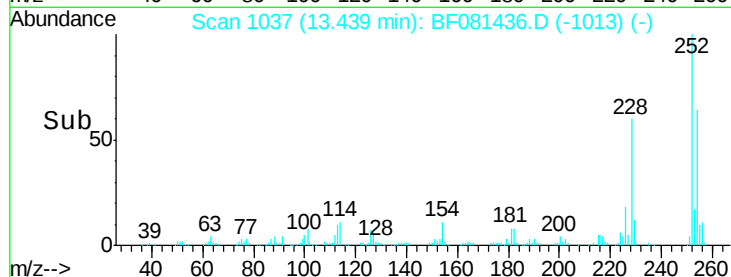
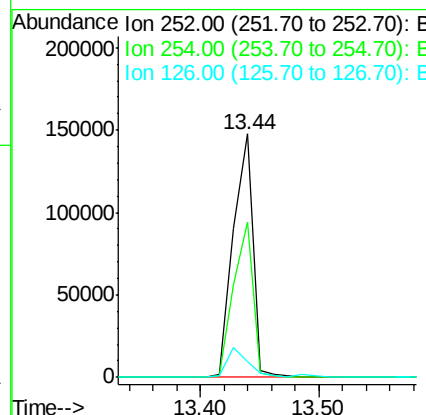
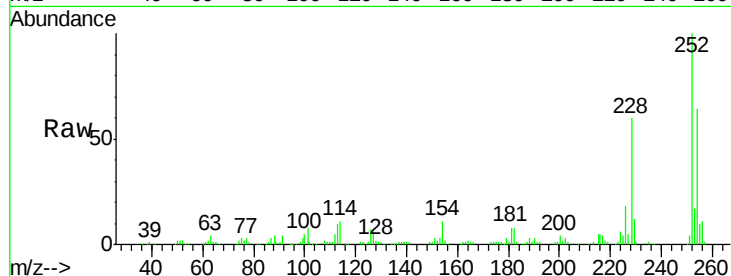




#81
 3,3'-Dichlorobenzidine
 Concen: 38.20 ng
 RT: 13.44 min Scan# 1037
 Delta R.T. -0.02 min
 Lab File: BF081436.D
 Acq: 4 Sep 2015 23:58

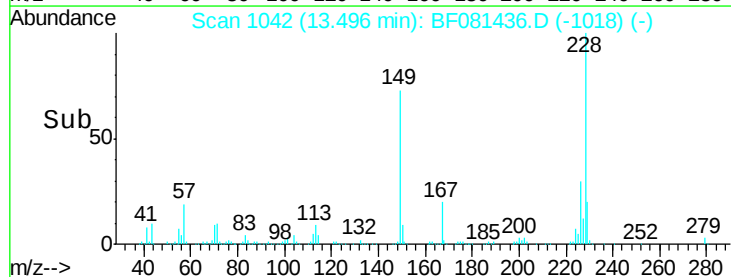
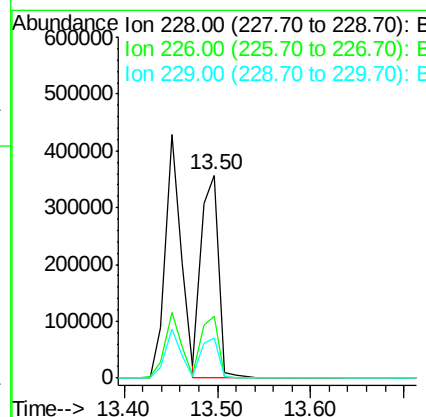
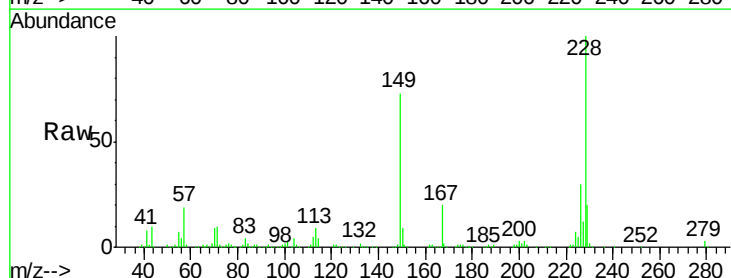
Instrument :
 BNA_F
 ClientSampled :

Tot Ion:252 Resp: 169487
 Ion Ratio Lower Upper
 252 100
 254 63.9 51.4 77.2
 126 6.6 16.4 24.6#



#82
 Chrysene
 Concen: 40.05 ng
 RT: 13.50 min Scan# 1042
 Delta R.T. -0.02 min
 Lab File: BF081436.D
 Acq: 4 Sep 2015 23:58

Tgt Ion:228 Resp: 472235
 Ion Ratio Lower Upper
 228 100
 226 30.4 21.0 31.4
 229 19.8 15.6 23.4

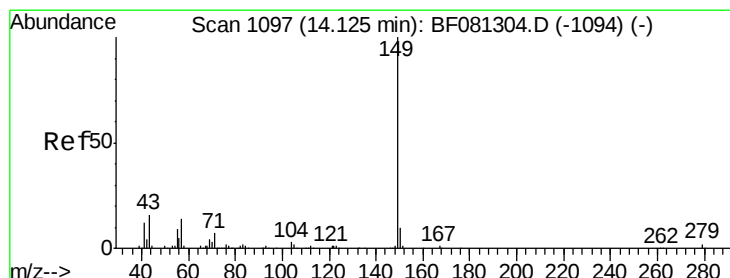
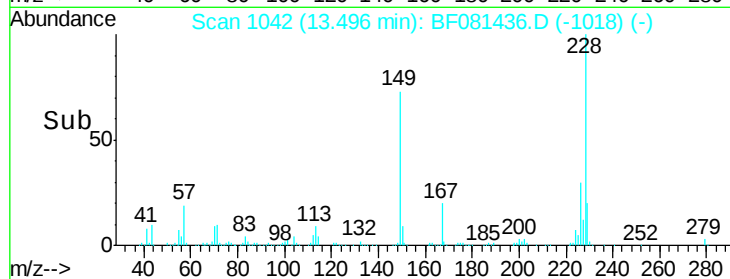
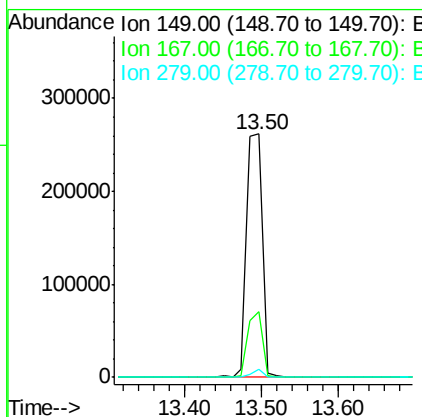
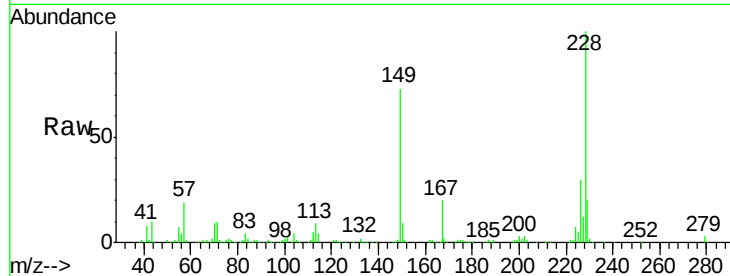




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 42.50 ng
 RT: 13.50 min Scan# 1042
 Delta R.T. -0.02 min
 Lab File: BF081436.D
 Acq: 4 Sep 2015 23:58

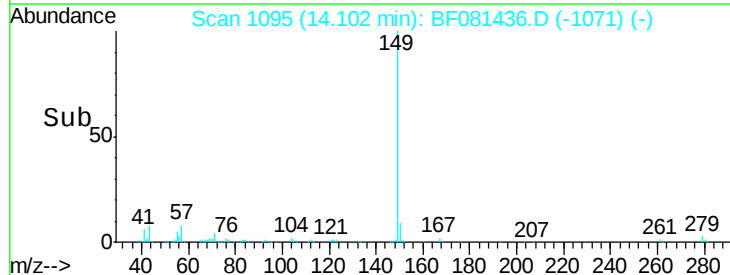
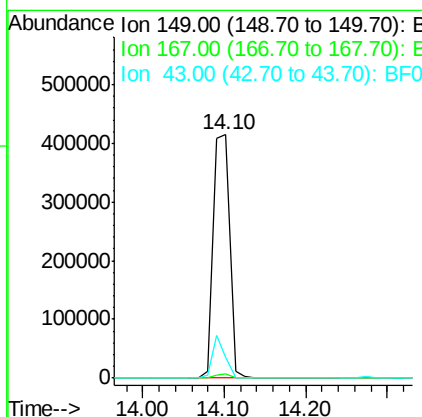
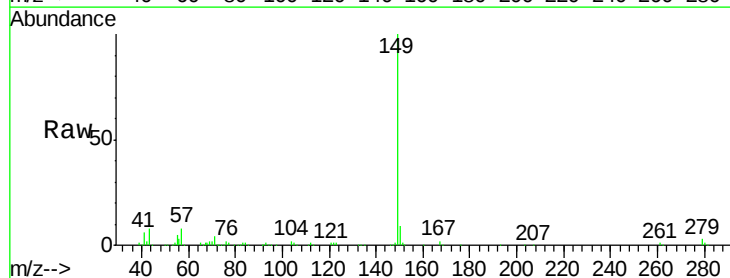
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	149	Resp:	373177
Ion	Ratio	Lower	Upper
149	100		
167	26.7	24.2	36.2
279	3.6	3.8	5.6#



#84
 Di-n-octyl phthalate
 Concen: 40.50 ng
 RT: 14.10 min Scan# 1095
 Delta R.T. -0.02 min
 Lab File: BF081436.D
 Acq: 4 Sep 2015 23:58

Tgt Ion:	149	Resp:	585541
Ion	Ratio	Lower	Upper
149	100		
167	1.4	1.0	1.6
43	13.8	10.2	15.2

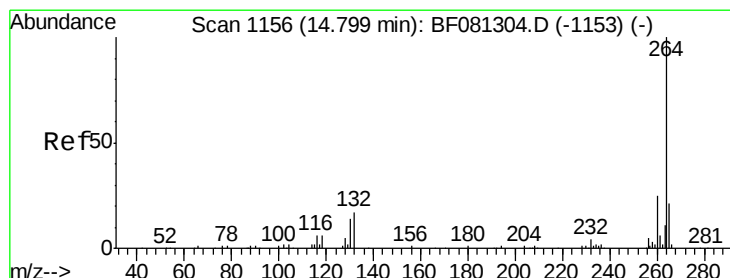
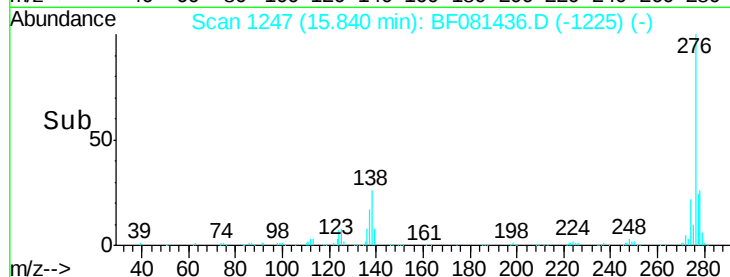
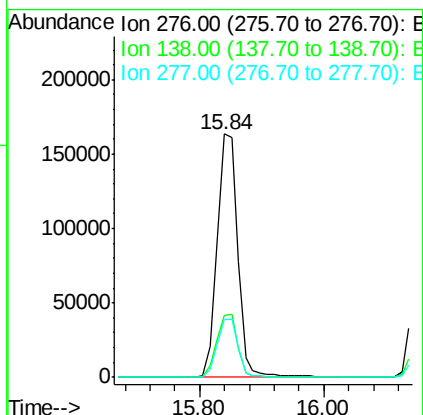
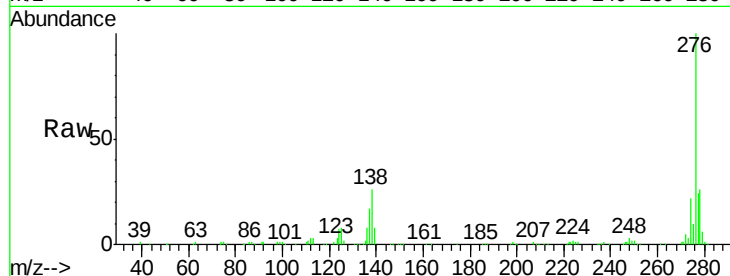




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 42.98 ng
 RT: 15.84 min Scan# 1247
 Delta R.T. -0.05 min
 Lab File: BF081436.D
 Acq: 4 Sep 2015 23:58

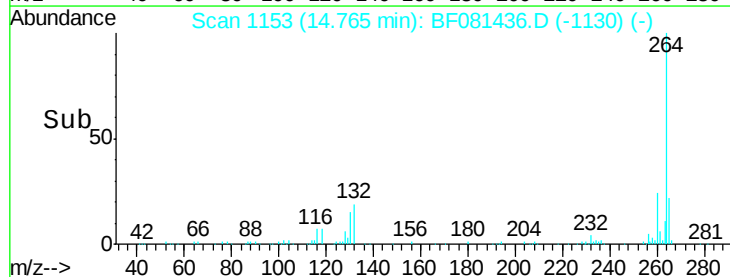
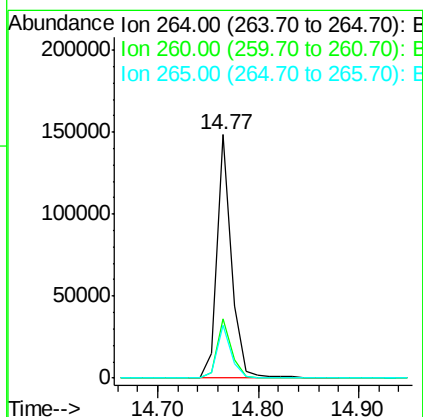
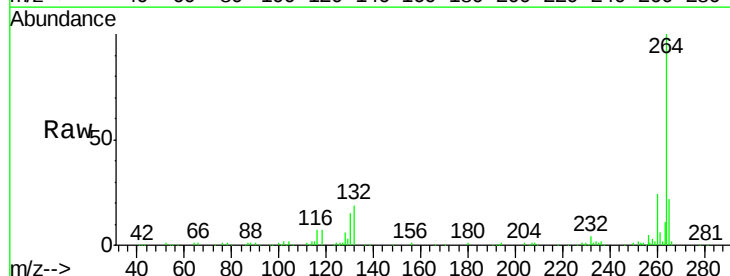
Instrument :
 BNA_F
 ClientSampleId :

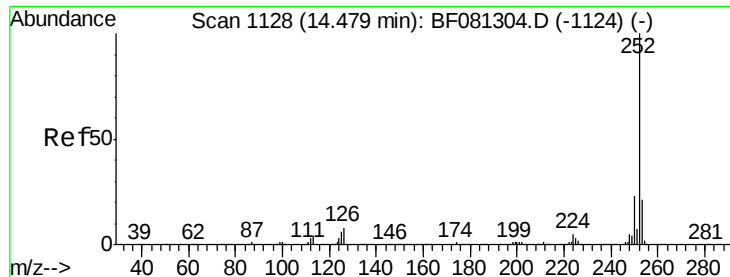
Tot Ion:276 Resp: 371788
 Ion Ratio Lower Upper
 276 100
 138 26.3 25.7 38.5
 277 24.1 15.6 23.4#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 14.77 min Scan# 1153
 Delta R.T. -0.03 min
 Lab File: BF081436.D
 Acq: 4 Sep 2015 23:58

Tgt Ion:264 Resp: 149024
 Ion Ratio Lower Upper
 264 100
 260 24.5 16.7 25.1
 265 21.7 17.2 25.8

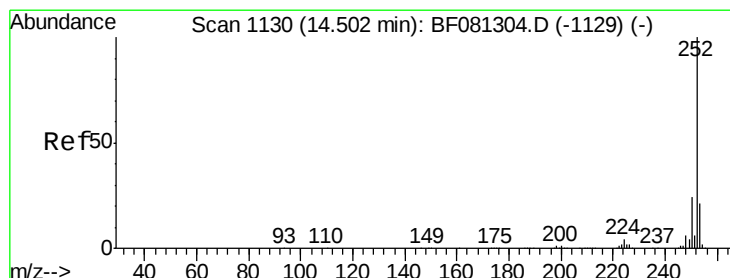
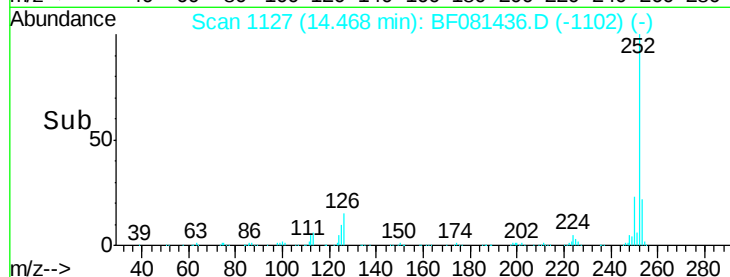
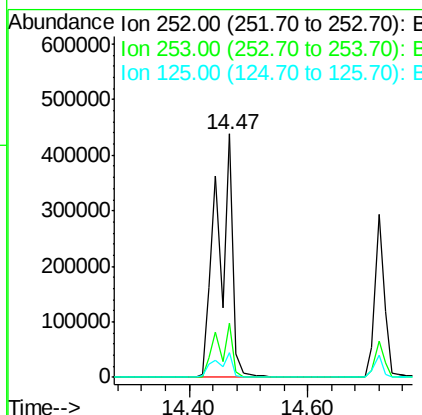
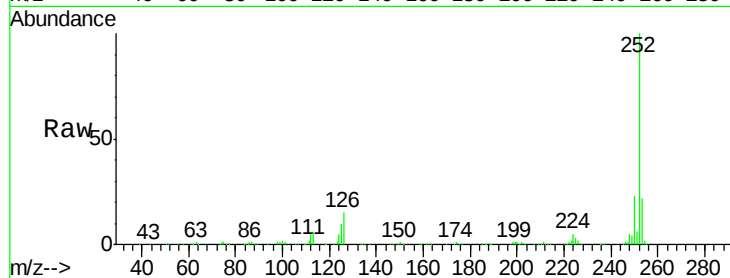




#87
Benzo(b)fluoranthene
Concen: 75.06 ng
RT: 14.47 min Scan# 1127
Delta R.T. -0.01 min
Lab File: BF081436.D
Acq: 4 Sep 2015 23:58

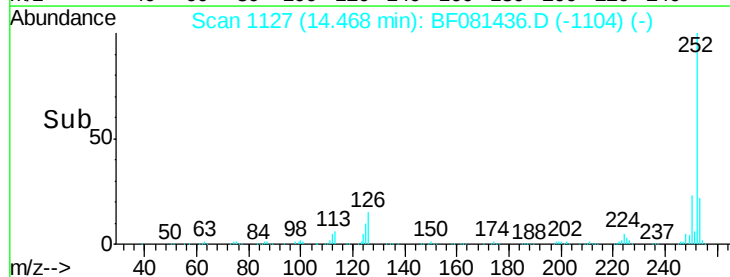
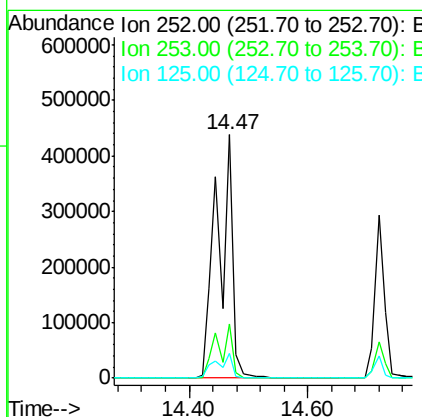
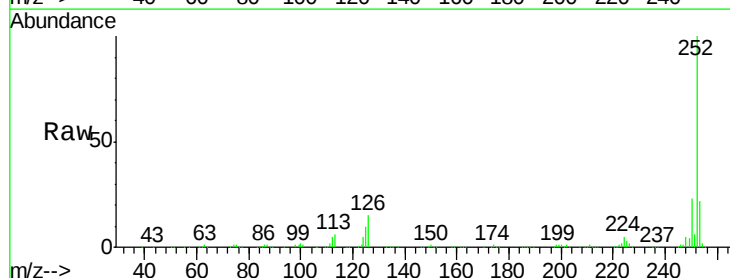
Instrument :
BNA_F
ClientSampled :

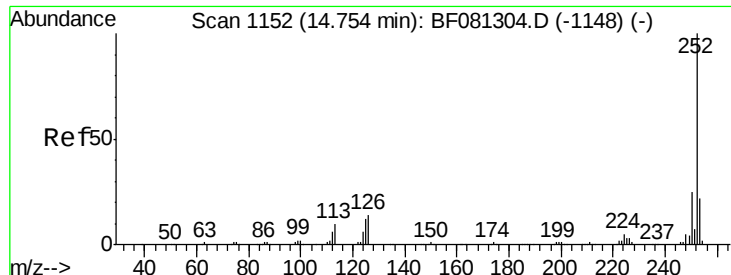
Tot Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.5	26.3
125	10.1	17.1	25.7#



#88
Benzo(k)fluoranthene
Concen: 90.46 ng
RT: 14.47 min Scan# 1127
Delta R.T. -0.03 min
Lab File: BF081436.D
Acq: 4 Sep 2015 23:58

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.0	25.4
125	10.1	16.0	24.0#

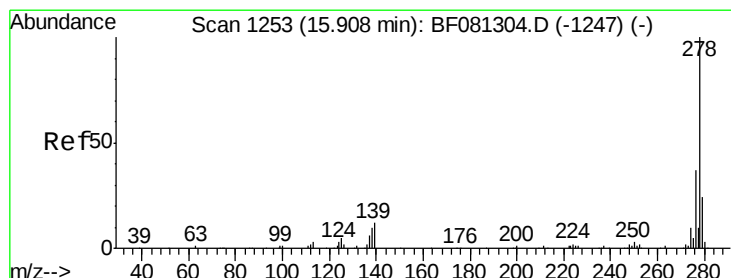
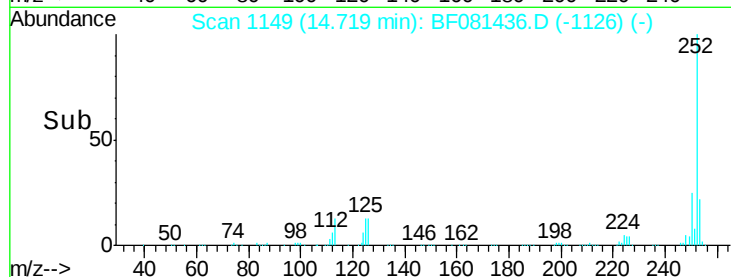
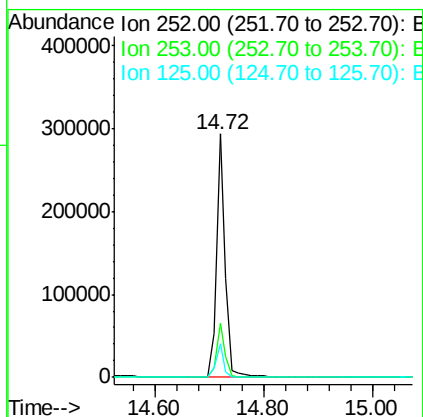
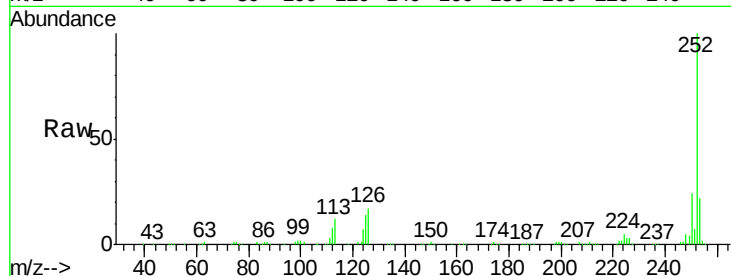




#89
Benzo(a)pyrene
Concen: 37.79 ng
RT: 14.72 min Scan# 1149
Delta R.T. -0.03 min
Lab File: BF081436.D
Acq: 4 Sep 2015 23:58

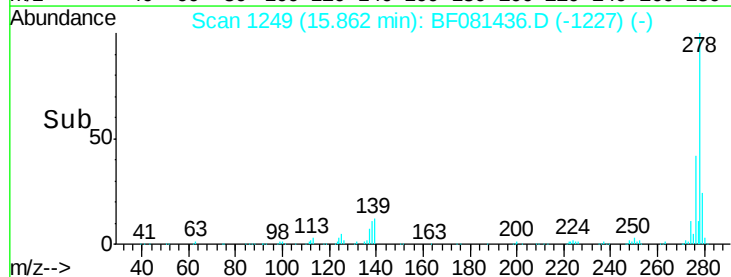
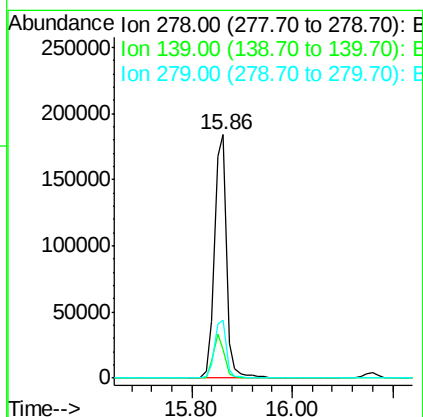
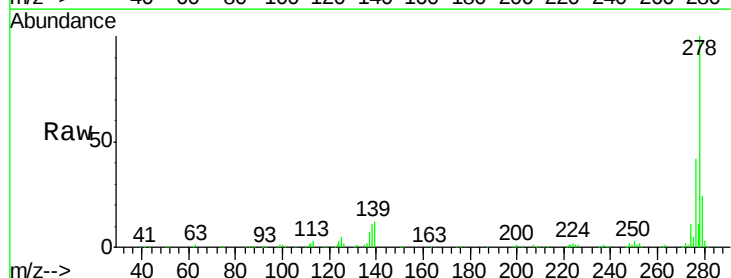
Instrument :
BNA_F
ClientSampleId :

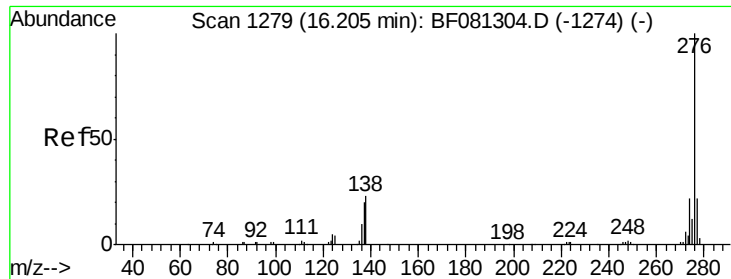
Tot Ion:252 Resp: 340662
Ion Ratio Lower Upper
252 100
253 22.1 17.2 25.8
125 13.8 18.0 27.0#



#90
Dibenzo(a,h)anthracene
Concen: 44.28 ng
RT: 15.86 min Scan# 1249
Delta R.T. -0.05 min
Lab File: BF081436.D
Acq: 4 Sep 2015 23:58

Tgt Ion:278 Resp: 308503
Ion Ratio Lower Upper
278 100
139 11.7 26.3 39.5#
279 23.6 18.2 27.4





#91

Benzo(a,h,i)perylene

Concen: 43.94 ng

RT: 16.16 min Scan# 1275

Delta R.T. -0.05 min

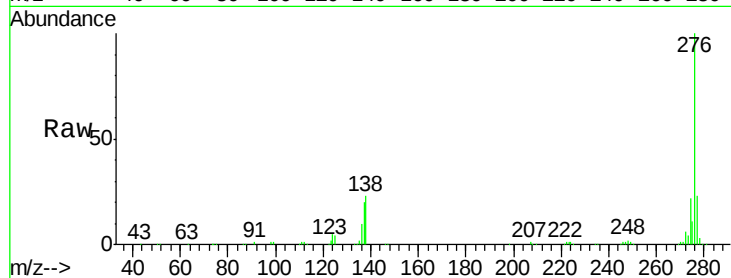
Lab File: BF081436.D

Acq: 4 Sep 2015 23:58

Instrument :

BNA_F

ClientSampleId :



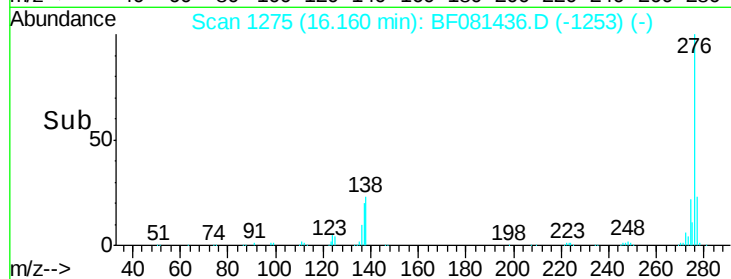
Tot Ion: 276 Resp: 292183

Ion Ratio Lower Upper

276 100

277 23.4 17.8 26.6

138 23.4 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

