

Data Path : Z:\HPCHEM1\BNA F\DATA\BF090115\
 Data File : BF081307.D
 Acq On : 1 Sep 2015 16:47
 Operator : UM/IZ
 Sample : SSTDICC080
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Sep 01 17:12:15 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 16:51:18 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.39	152	52293	20.00	ng	0.00
21) Naphthalene-d8	7.68	136	196798	20.00	ng	0.00
38) Acenaphthene-d10	9.43	164	94421	20.00	ng	0.01
63) Phenanthrene-d10	10.89	188	185785	20.00	ng	0.01
75) Chrysene-d12	13.50	240	128856	20.00	ng	0.00
86) Perylene-d12	14.80	264	98847	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	4.94	112	555976	82.91	ng	0.01
7) Phenol-d6	6.07	99	695583	77.63	ng	0.01
23) Nitrobenzene-d5	6.98	82	661524	81.27	ng	0.01
41) 2,4,6-Tribromophenol	10.22	330	144387	86.93	ng	0.01
44) 2-Fluorobiphenyl	8.76	172	1046223	69.69	ng	0.00
78) Terphenyl-d14	12.48	244	1010771	93.50	ng	0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	1.74	88	125575	83.47	ng	97
3) Pyridine	2.28	79	370741	93.56	ng	94
4) n-Nitrosodimethylamine	2.26	42	198428	86.58	ng	# 76
6) Aniline	6.06	93	496291	78.58	ng	# 68
8) 2-Chlorophenol	6.18	128	306308	82.90	ng	89
9) Benzaldehyde	5.93	77	215428	76.60	ng	# 76
10) Phenol	6.08	94	402735	77.49	ng	# 49
11) bis(2-Chloroethyl)ether	6.15	93	284019	75.47	ng	89
12) 1,3-Dichlorobenzene	6.33	146	312010	78.40	ng	# 90
13) 1,4-Dichlorobenzene	6.41	146	313650	77.25	ng	# 90
14) 1,2-Dichlorobenzene	6.57	146	279419	76.30	ng	97
15) Benzyl Alcohol	6.56	79	294802	80.64	ng	# 71
16) 2,2'-oxybis(1-Chloropropan	6.71	45	524878	72.36	ng	85
17) 2-Methylphenol	6.70	107	240861	81.49	ng	# 73
18) Hexachloroethane	6.90	117	119912	75.70	ng	93
19) n-Nitroso-di-n-propylamine	6.84	70	244200	80.50	ng	# 83
20) 3+4-Methylphenols	6.86	107	319486	79.95	ng	87
22) Acetophenone	6.83	105	456488	85.80	ng	# 82
24) Nitrobenzene	6.99	77	319096	74.61	ng	# 60
25) Isophorone	7.24	82	616141	81.42	ng	# 84
26) 2-Nitrophenol	7.31	139	163112	89.91	ng	# 49
27) 2,4-Dimethylphenol	7.38	122	264346	83.40	ng	# 84
28) bis(2-Chloroethoxy)methane	7.46	93	346635	78.95	ng	# 91
29) 2,4-Dichlorophenol	7.56	162	226632	82.30	ng	97
30) 1,2,4-Trichlorobenzene	7.63	180	252427	84.74	ng	97
31) Naphthalene	7.71	128	824518	78.32	ng	99
32) Benzoic acid	7.56	122	187560	87.56	ng	# 54
33) 4-Chloroaniline	7.77	127	308372	70.86	ng	# 80
34) Hexachlorobutadiene	7.83	225	143122	78.01	ng	96
35) Caprolactam	8.18	113	68111	80.36	ng	# 27
36) 4-Chloro-3-methylphenol	8.27	107	239825	77.08	ng	# 70
37) 2-Methylnaphthalene	8.40	142	583232	86.36	ng	# 90
39) 1,2,4,5-Tetrachlorobenzene	8.56	216	209459	68.73	ng	99
40) Hexachlorocyclopentadiene	8.55	237	125653	86.99	ng	97

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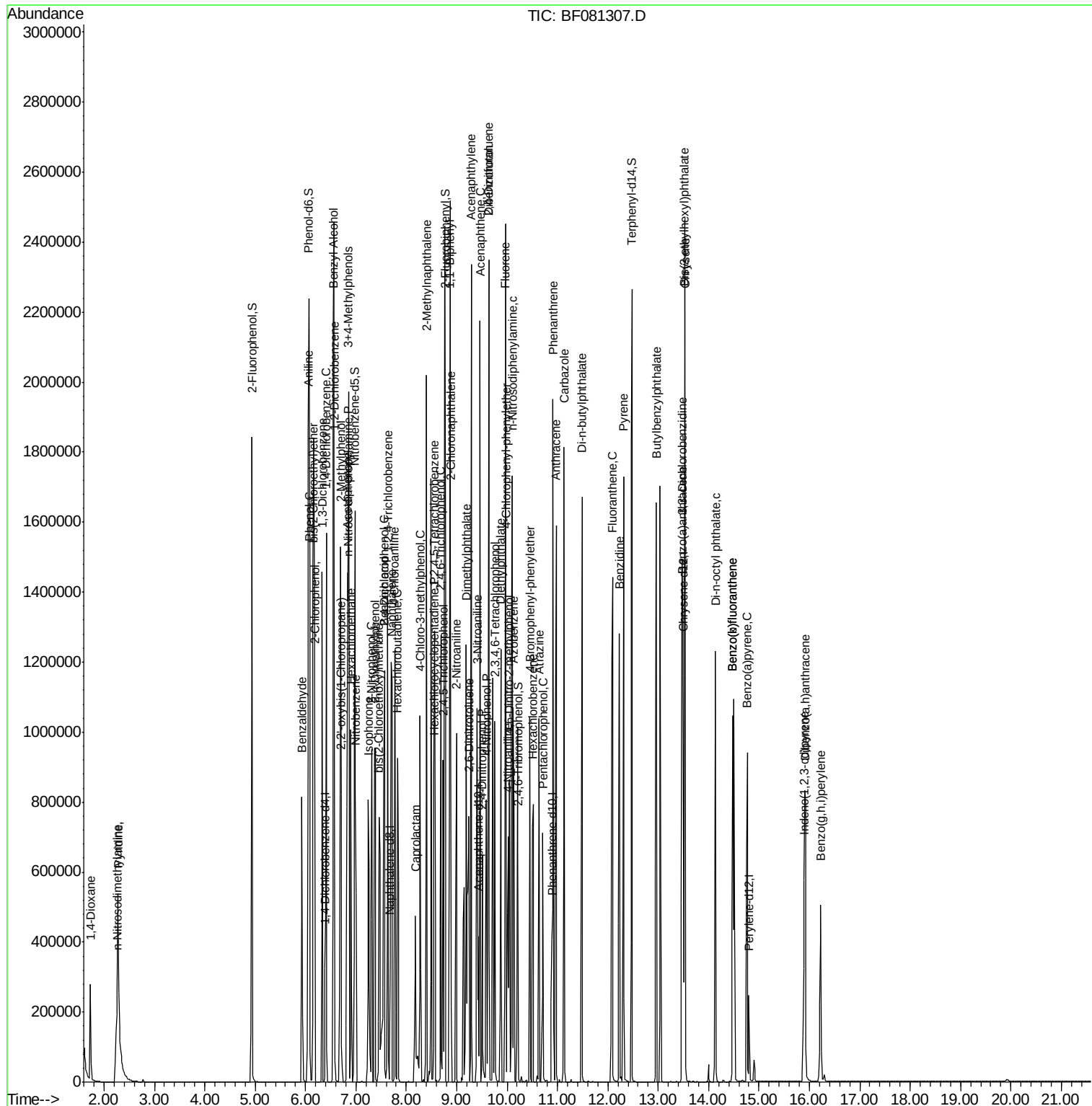
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.68	196	165886	80.58	nq	98
43) 2,4,5-Trichlorophenol	8.73	196	167976	79.88	nq	94
45) 1,1'-Biphenyl	8.87	154	708740	81.86	nq	95
46) 2-Chloronaphthalene	8.88	162	433753	67.61	nq	# 88
47) 2-Nitroaniline	8.99	65	225769	89.86	nq	# 71
48) Acenaphthylene	9.29	152	859793	76.82	nq	97
49) Dimethylphthalate	9.19	163	524520	70.25	nq	# 97
50) 2,6-Dinitrotoluene	9.24	165	137206	82.82	nq	# 89
51) Acenaphthene	9.46	154	486768	76.39	nq	89
52) 3-Nitroaniline	9.40	138	141444	73.79	nq	# 47
53) 2,4-Dinitrophenol	9.51	184	67954	101.17	nq	# 12
54) Dibenzofuran	9.63	168	711736	76.51	nq	# 88
55) 4-Nitrophenol	9.59	139	102215	86.89	nq	# 12
56) 2,4-Dinitrotoluene	9.63	165	162231	75.97	nq	# 5
57) Fluorene	9.96	166	495392	69.26	nq	96
58) 2,3,4,6-Tetrachlorophenol	9.76	232	140259	88.74	nq	96
59) Diethylphthalate	9.87	149	515558	65.02	nq	95
60) 4-Chlorophenyl-phenylether	9.98	204	254679	73.63	nq	95
61) 4-Nitroaniline	10.02	138	145688	75.46	nq	# 27
62) Azobenzene	10.12	77	603541	68.96	nq	# 81
64) 4,6-Dinitro-2-methylphenol	10.04	198	89957	88.01	nq	81
65) n-Nitrosodiphenylamine	10.10	169	536669	79.28	nq	92
66) 4-Bromophenyl-phenylether	10.46	248	152716	81.51	nq	97
67) Hexachlorobenzene	10.51	284	154428	78.40	nq	# 78
68) Atrazine	10.64	200	157062	80.33	nq	83
69) Pentachlorophenol	10.71	266	76947	106.47	nq	100
70) Phenanthrene	10.91	178	697867	65.86	nq	96
71) Anthracene	10.97	178	829814	77.91	nq	98
72) Carbazole	11.13	167	751757	74.79	nq	95
73) Di-n-butylphthalate	11.49	149	949311	80.86	nq	# 98
74) Fluoranthene	12.09	202	894035	79.95	nq	85
76) Benzidine	12.23	184	469019	85.64	nq	# 93
77) Pyrene	12.31	202	762715	79.89	nq	98
79) Butylbenzylphthalate	12.96	149	388991	96.46	nq	# 83
80) Benzo(a)anthracene	13.49	228	695605	85.62	nq	97
81) 3,3'-Dichlorobenzidine	13.47	252	251907	93.14	nq	# 94
82) Chrysene	13.53	228	655918	90.90	nq	95
83) Bis(2-ethylhexyl)phthalate	13.52	149	474557	87.84	nq	# 89
84) Di-n-octyl phthalate	14.14	149	791994	89.25	nq	99
85) Indeno(1,2,3-cd)pyrene	15.90	276	471112	88.64	nq	# 87
87) Benzo(b)fluoranthene	14.48	252	975315	136.43	nq	# 88
88) Benzo(k)fluoranthene	14.48	252	975315	165.45	nq	# 89
89) Benzo(a)pyrene	14.77	252	488756	82.03	nq	# 83
90) Dibenzo(a,h)anthracene	15.92	278	393841	86.17	nq	# 77
91) Benzo(g,h,i)perylene	16.23	276	374576	85.81	nq	# 73

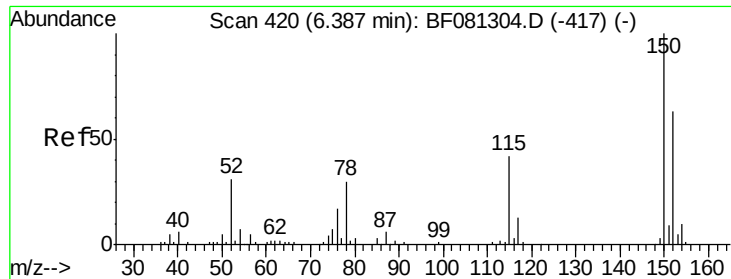
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Misc      :  
ALS Vial  : 9 Sample Multiplier: 1
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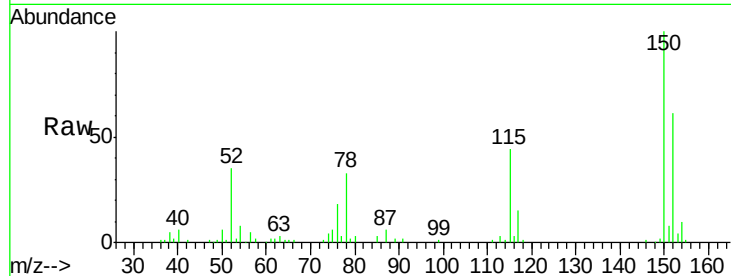


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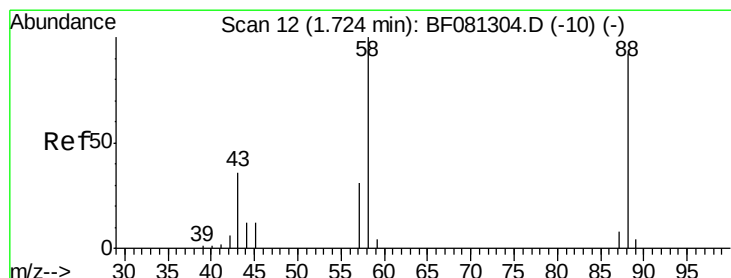
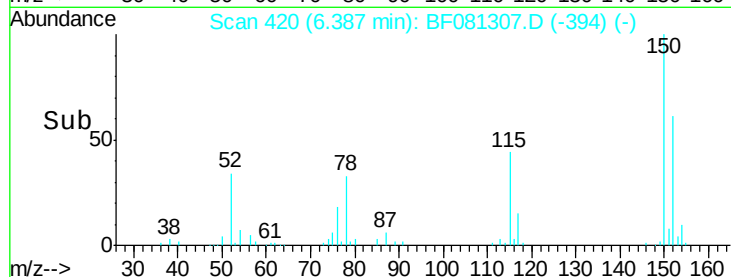
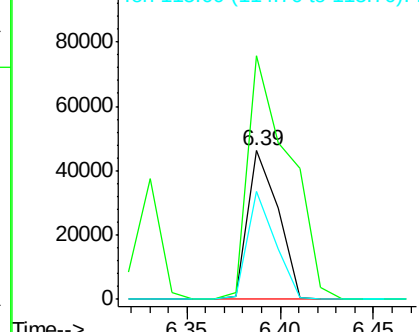
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.39 min Scan# 420
Delta R.T. 0.00 min
Lab File: BF081307.D
Acq: 1 Sep 2015 16:47

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 52293
Ion Ratio Lower Upper
152 100
150 164.2 124.7 187.1
115 72.8 39.0 58.4#



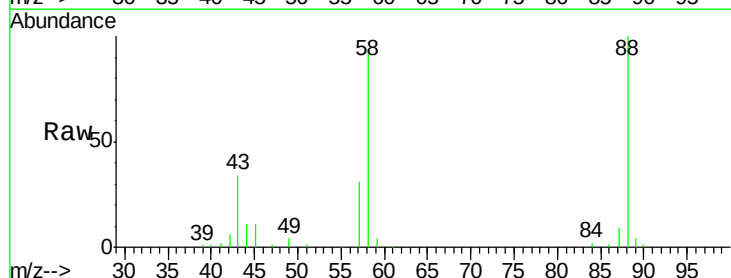
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



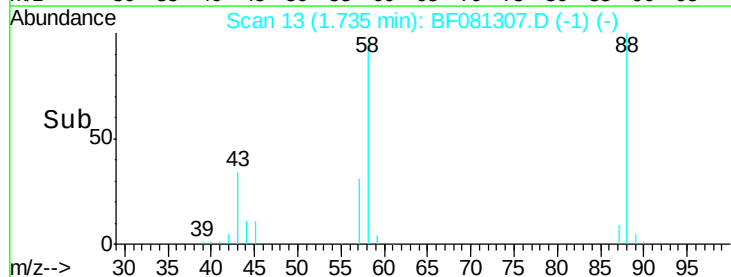
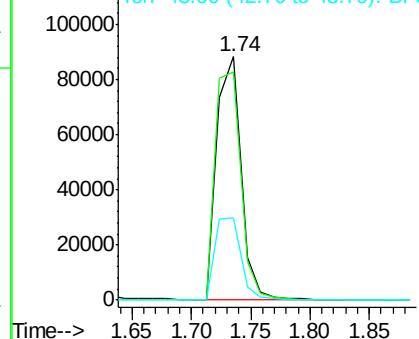
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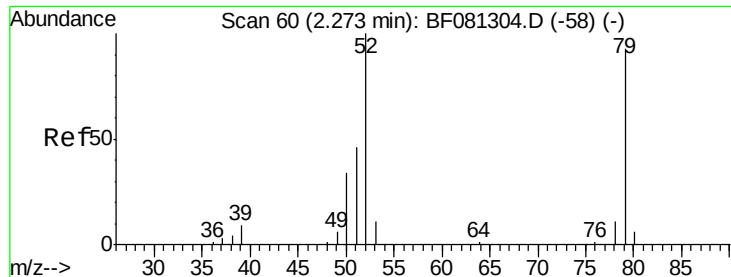
1,4-Dioxane
Concen: 83.47 ng
RT: 1.74 min Scan# 13
Delta R.T. 0.01 min
Lab File: BF081307.D
Acq: 1 Sep 2015 16:47

Tgt Ion: 88 Resp: 125575
Ion Ratio Lower Upper
88 100
58 99.4 77.7 116.5
43 35.7 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

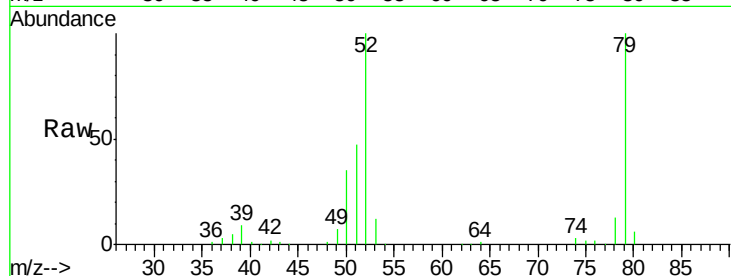




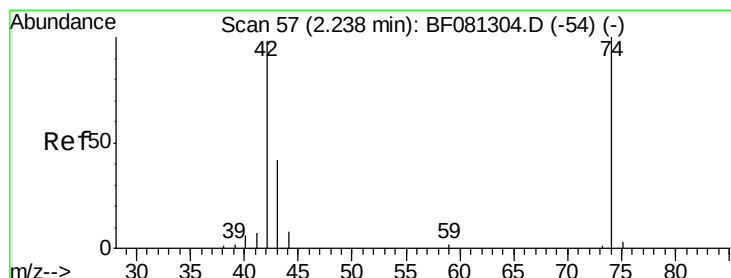
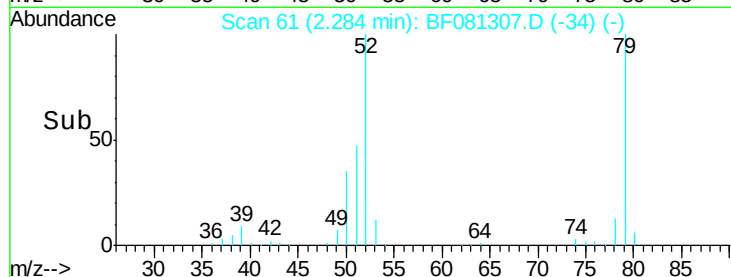
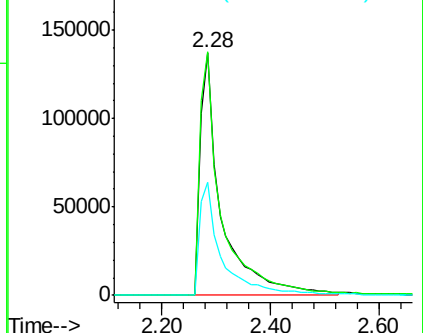
#3
 Pvridine
 Concen: 93.56 ng
 RT: 2.28 min Scan# 61
 Delta R.T. 0.01 min
 Lab File: BF081307.D
 Acq: 1 Sep 2015 16:47

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion: 79 Resp: 370741
 Ion Ratio Lower Upper
 79 100
 52 100.3 76.8 115.2
 51 46.8 32.2 48.4

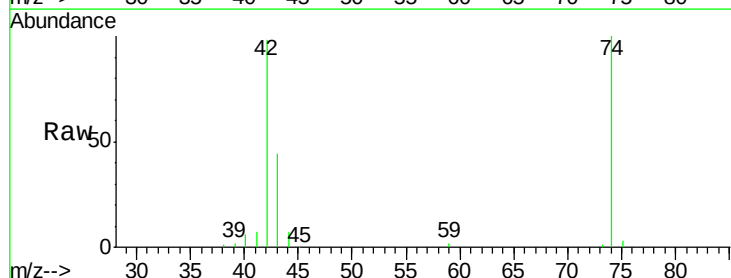


Abundance Ion 79.00 (78.70 to 79.70): BF0
 Ion 52.00 (51.70 to 52.70): BF0
 Ion 51.00 (50.70 to 51.70): BF0

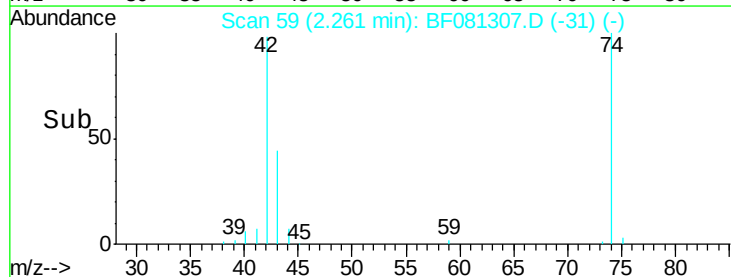
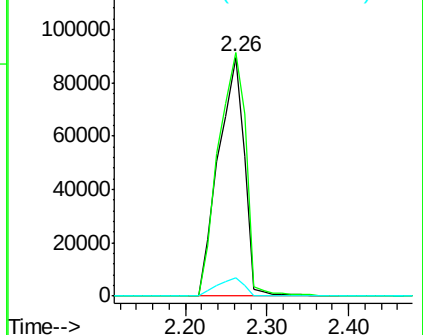


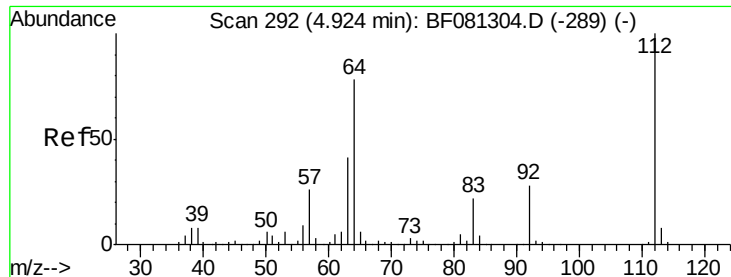
#4
 n-Nitrosodimethylamine
 Concen: 86.58 ng
 RT: 2.26 min Scan# 59
 Delta R.T. 0.02 min
 Lab File: BF081307.D
 Acq: 1 Sep 2015 16:47

Tgt Ion: 42 Resp: 198428
 Ion Ratio Lower Upper
 42 100
 74 101.9 105.0 157.6#
 44 7.4 6.6 10.0



Abundance Ion 42.00 (41.70 to 42.70): BF0
 Ion 74.00 (73.70 to 74.70): BF0
 Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 82.91 ng

RT: 4.94 min Scan# 293

Delta R.T. 0.01 min

Lab File: BF081307.D

Acq: 1 Sep 2015 16:47

Instrument :

BNA_F

ClientSampled :

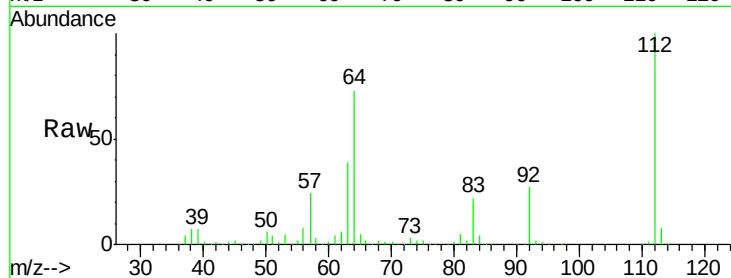
Tot Ion:112 Resp: 555976

Ion Ratio Lower Upper

112 100

64 72.6 39.7 59.5#

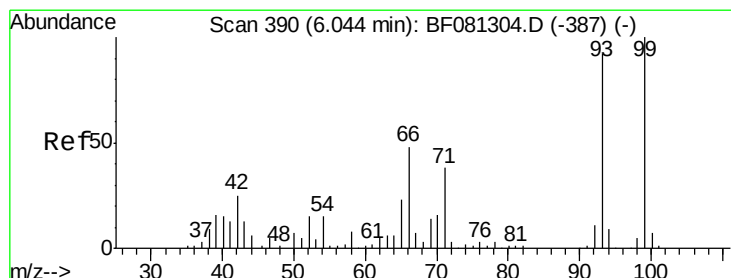
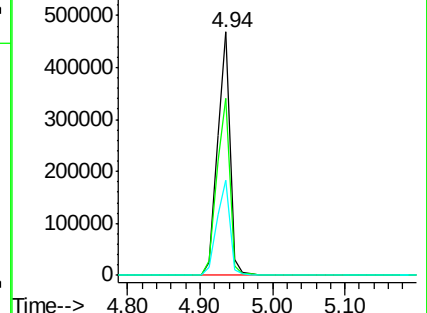
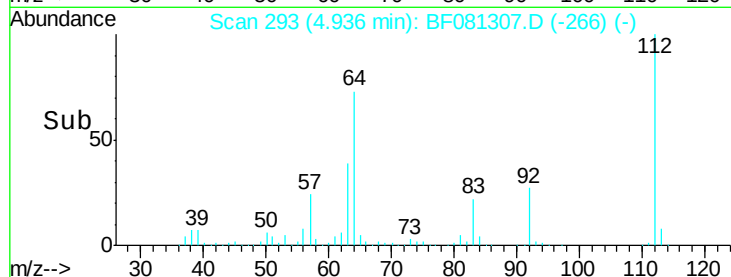
63 38.9 17.4 26.0#



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: 78.58 ng

RT: 6.06 min Scan# 391

Delta R.T. 0.01 min

Lab File: BF081307.D

Acq: 1 Sep 2015 16:47

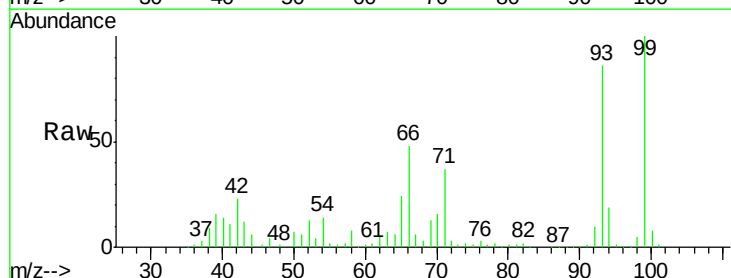
Tgt Ion: 93 Resp: 496291

Ion Ratio Lower Upper

93 100

66 55.6 27.2 40.8#

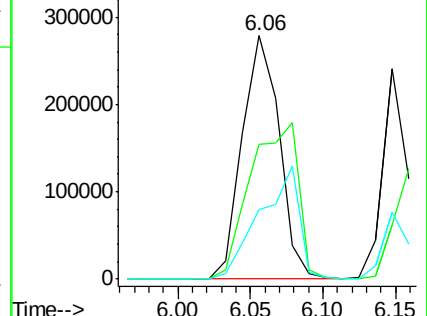
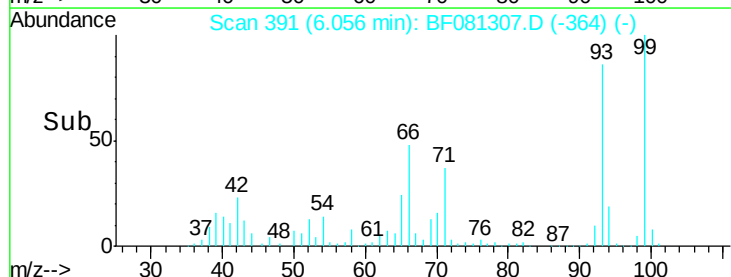
65 28.4 14.7 22.1#

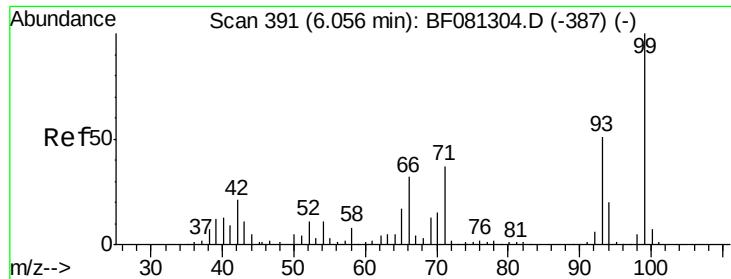


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 77.63 ng

RT: 6.07 min Scan# 392

Delta R.T. 0.01 min

Lab File: BF081307.D

Acq: 1 Sep 2015 16:47

Instrument :

BNA_F

ClientSampleId :

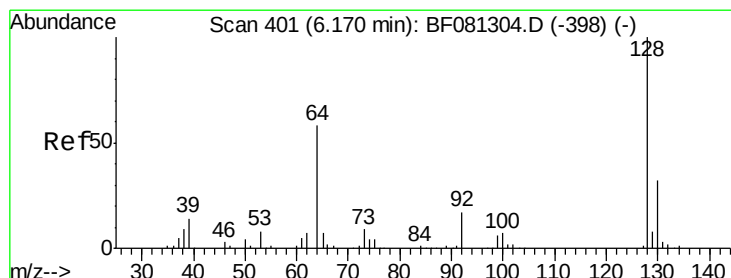
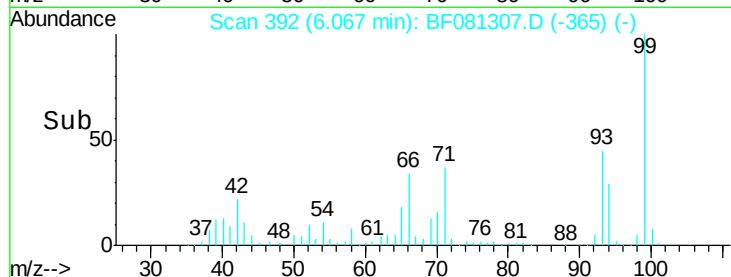
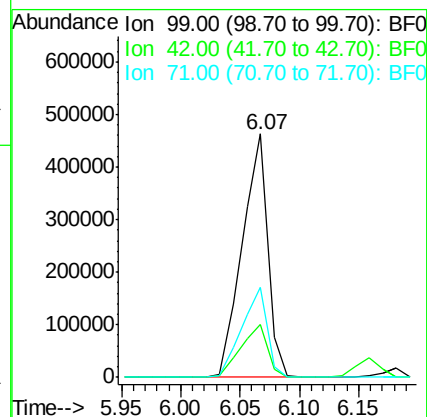
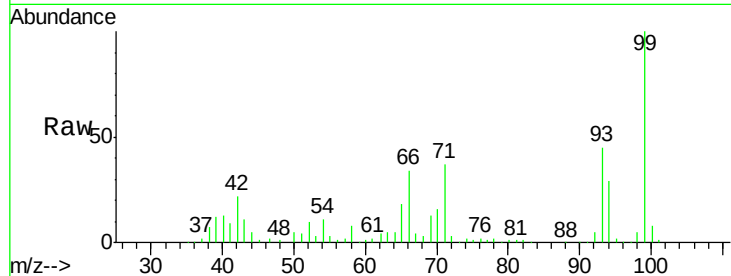
Tot Ion: 99 Resp: 695583

Ion Ratio Lower Upper

99 100

42 21.6 13.7 20.5#

71 36.8 14.2 21.2#



#8

2-Chlorophenol

Concen: 82.90 ng

RT: 6.18 min Scan# 402

Delta R.T. 0.01 min

Lab File: BF081307.D

Acq: 1 Sep 2015 16:47

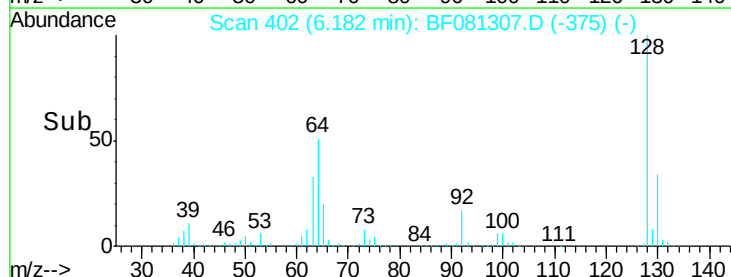
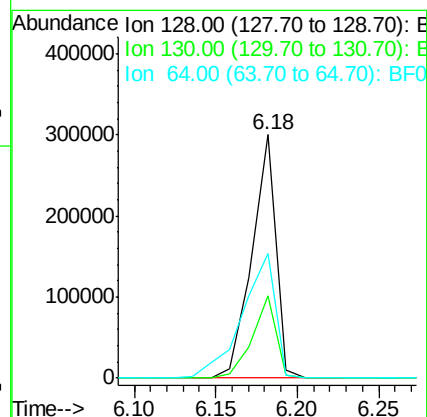
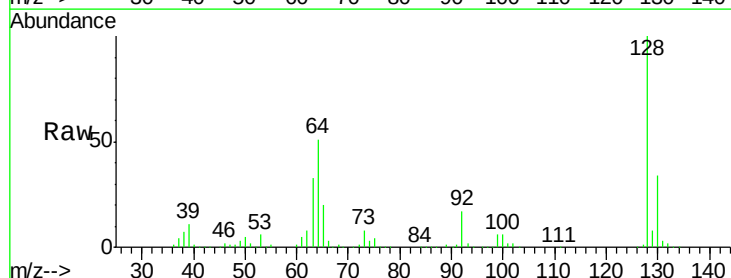
Tgt Ion: 128 Resp: 306308

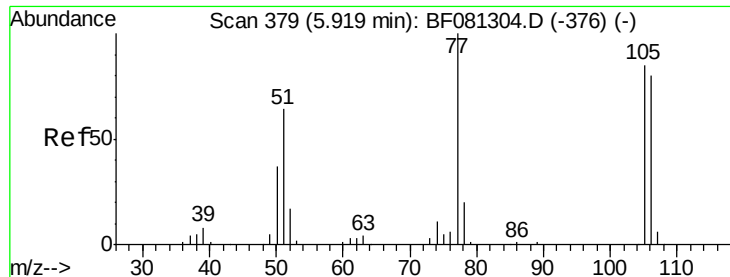
Ion Ratio Lower Upper

128 100

130 33.7 12.2 52.2

64 51.1 20.5 60.5





#9

Benzaldehyde

Concen: 76.60 ng

RT: 5.93 min Scan# 380

Delta R.T. 0.01 min

Lab File: BF081307.D

Acq: 1 Sep 2015 16:47

Instrument :

BNA_F

ClientSampled :

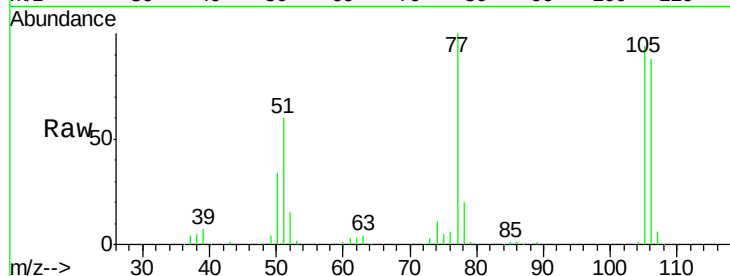
Tot Ion: 77 Resp: 215428

Ion Ratio Lower Upper

77 100

105 93.7 91.6 131.6

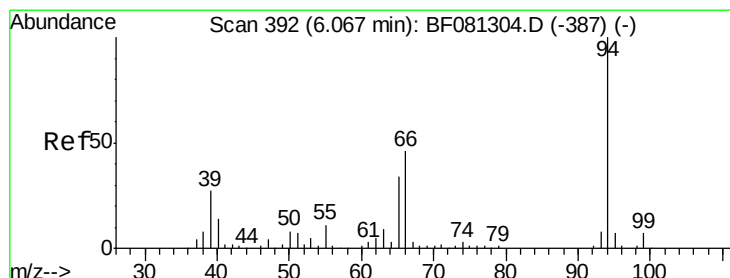
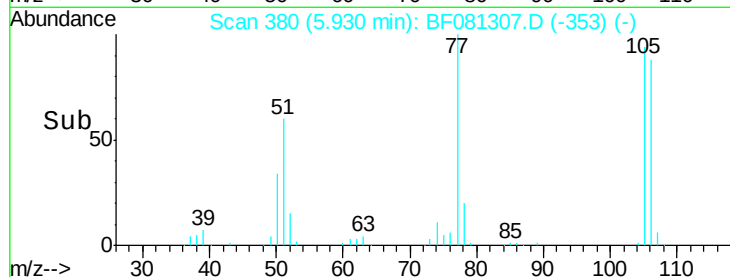
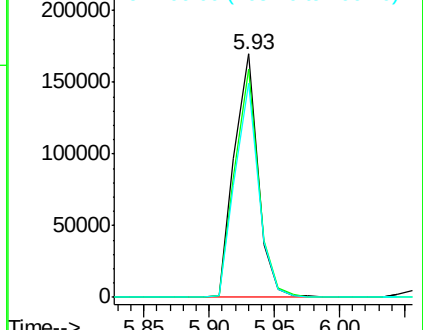
106 87.9 102.6 142.6#



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 77.49 ng

RT: 6.08 min Scan# 393

Delta R.T. 0.01 min

Lab File: BF081307.D

Acq: 1 Sep 2015 16:47

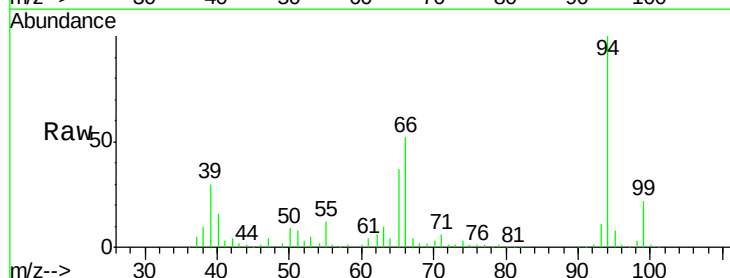
Tgt Ion: 94 Resp: 402735

Ion Ratio Lower Upper

94 100

65 37.4 0.7 40.7

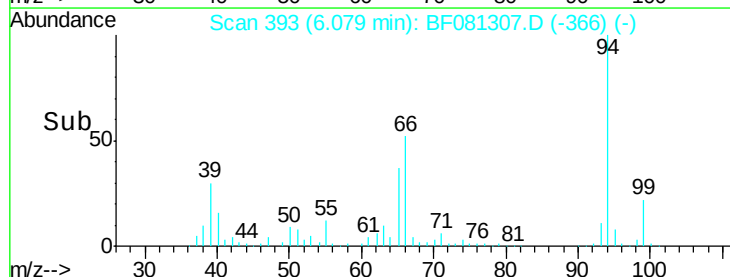
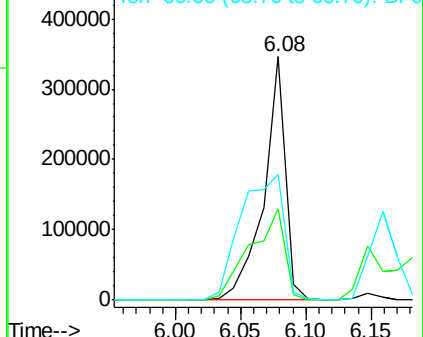
66 51.7 0.8 40.8#

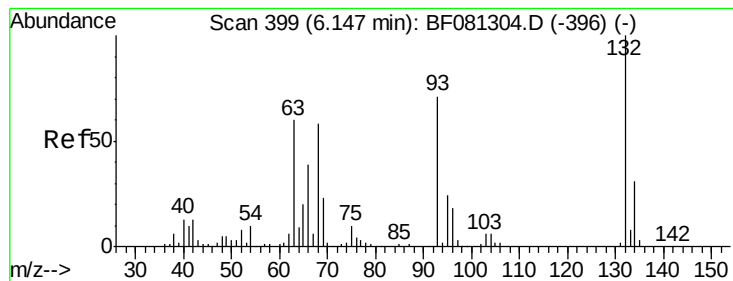


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

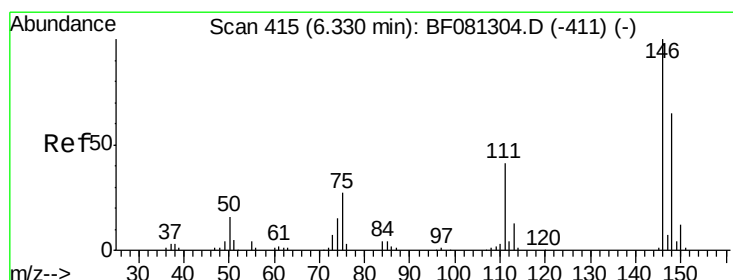
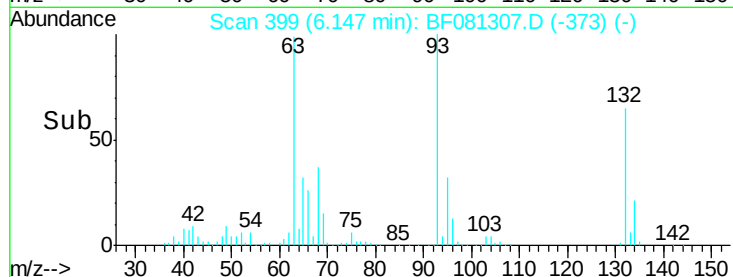
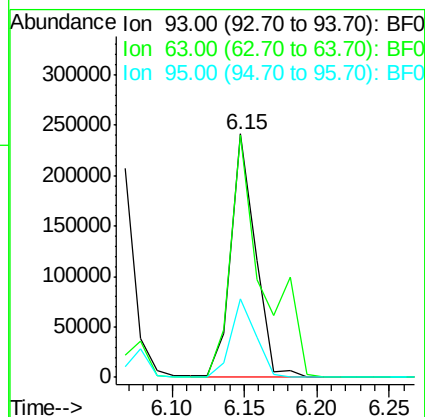
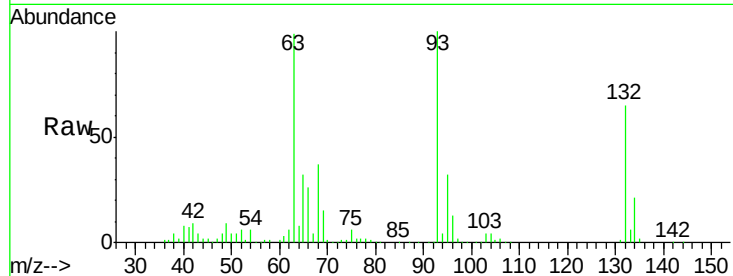




#11
bis(2-Chloroethyl)ether
Concen: 75.47 ng
RT: 6.15 min Scan# 399
Delta R.T. 0.00 min
Lab File: BF081307.D
Acq: 1 Sep 2015 16:47

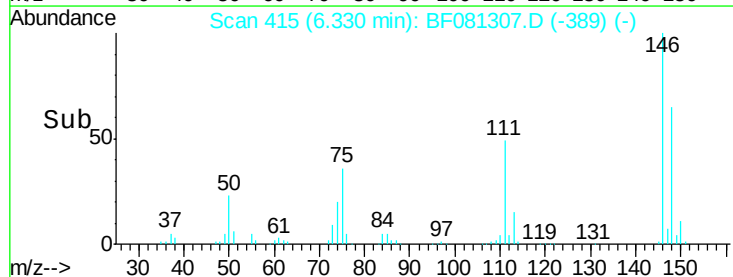
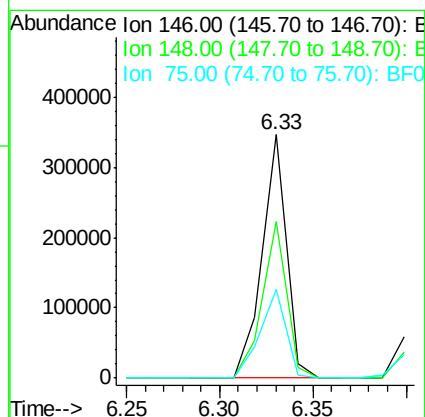
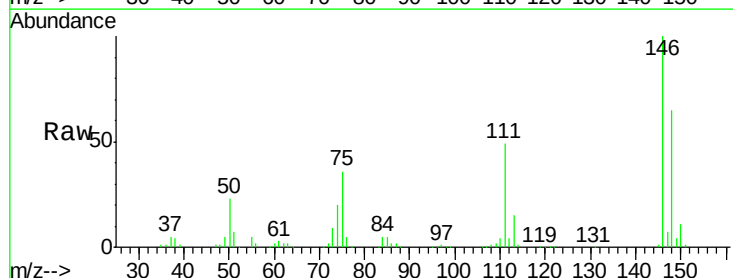
Instrument :
BNA_F
ClientSampleId :

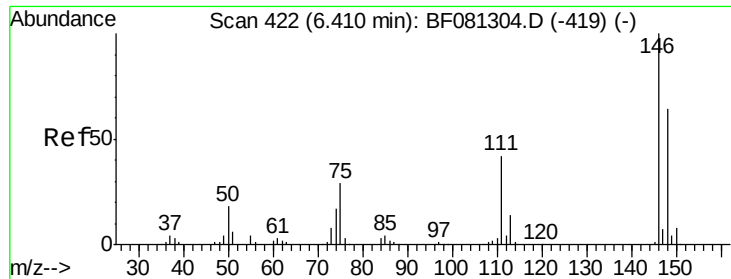
Tot Ion: 93 Resp: 284019
Ion Ratio Lower Upper
93 100
63 99.5 65.6 105.6
95 32.4 13.6 53.6



#12
1,3-Dichlorobenzene
Concen: 78.40 ng
RT: 6.33 min Scan# 415
Delta R.T. 0.00 min
Lab File: BF081307.D
Acq: 1 Sep 2015 16:47

Tgt Ion: 146 Resp: 312010
Ion Ratio Lower Upper
146 100
148 64.6 51.0 76.4
75 36.3 15.0 22.6#

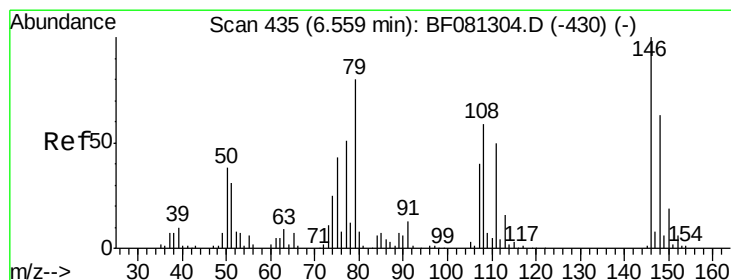
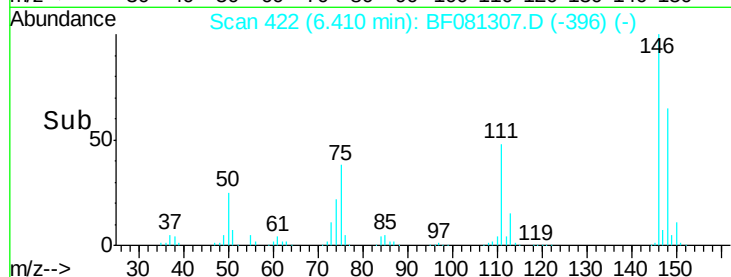
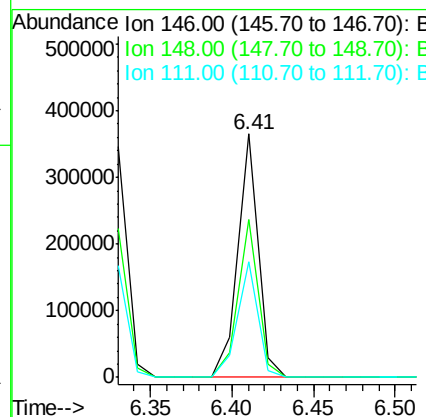
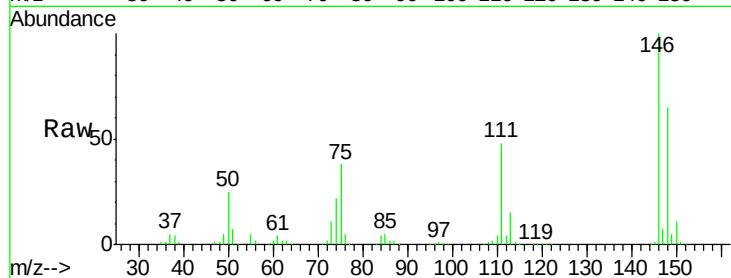




#13
 1,4-Dichlorobenzene
 Concen: 77.25 ng
 RT: 6.41 min Scan# 422
 Delta R.T. 0.00 min
 Lab File: BF081307.D
 Acq: 1 Sep 2015 16:47

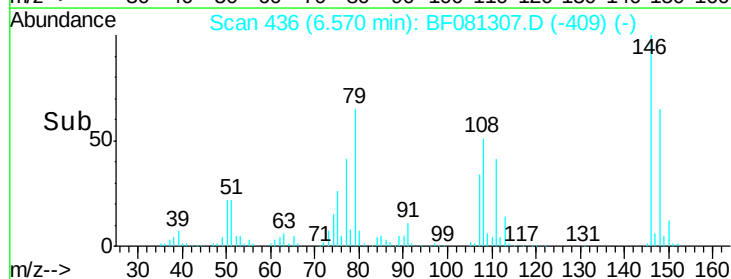
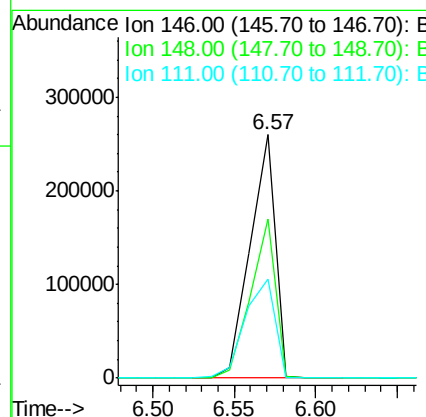
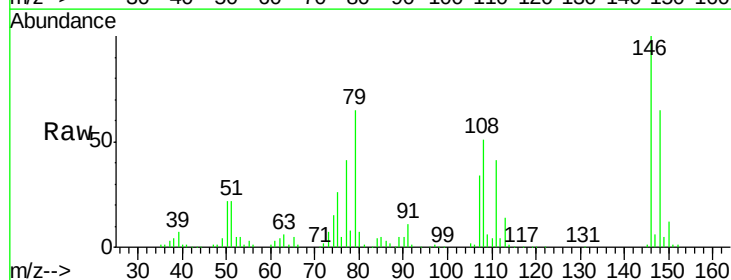
Instrument :
 BNA_F
 ClientSampleId :

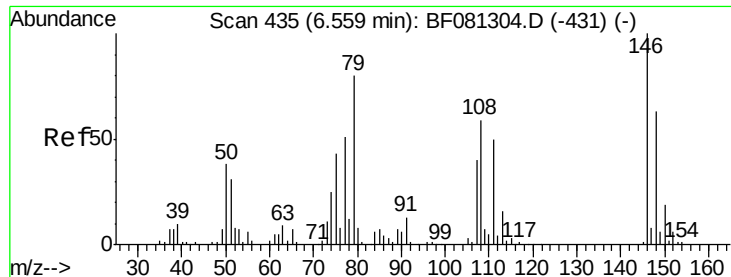
Tot Ion:146 Resp: 313650
 Ion Ratio Lower Upper
 146 100
 148 64.7 51.8 77.6
 111 47.7 24.9 37.3#



#14
 1,2-Dichlorobenzene
 Concen: 76.30 ng
 RT: 6.57 min Scan# 436
 Delta R.T. 0.01 min
 Lab File: BF081307.D
 Acq: 1 Sep 2015 16:47

Tgt Ion:146 Resp: 279419
 Ion Ratio Lower Upper
 146 100
 148 65.4 52.7 79.1
 111 40.8 28.8 43.2





#15

Benzyl Alcohol

Concen: 80.64 ng

RT: 6.56 min Scan# 435

Delta R.T. 0.00 min

Lab File: BF081307.D

Acq: 1 Sep 2015 16:47

Instrument :

BNA_F

ClientSampleId :

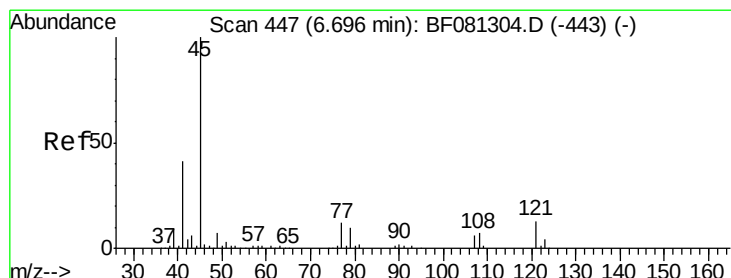
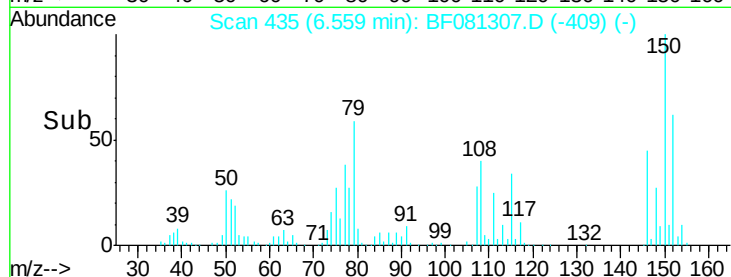
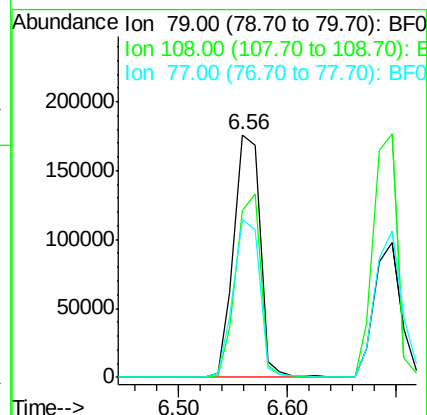
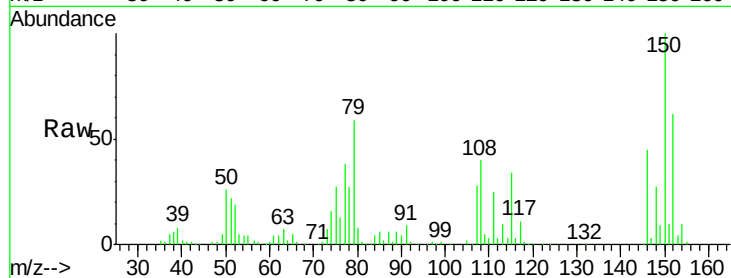
Tot Ion: 79 Resp: 294802

Ion Ratio Lower Upper

79 100

108 69.0 88.6 132.8#

77 65.0 47.0 70.4



#16

2,2'-oxybis(1-chloropropane)

Concen: 72.36 ng

RT: 6.71 min Scan# 448

Delta R.T. 0.01 min

Lab File: BF081307.D

Acq: 1 Sep 2015 16:47

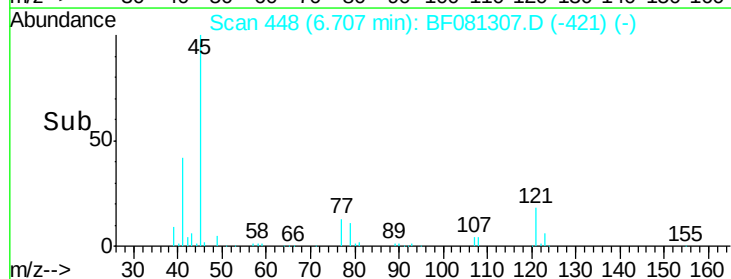
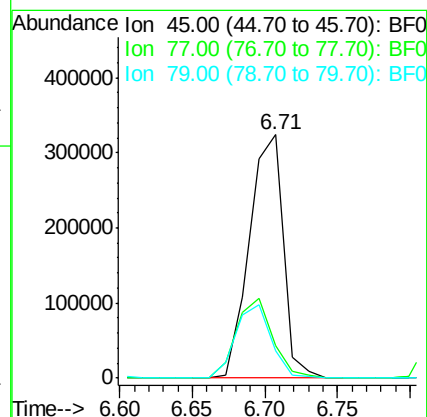
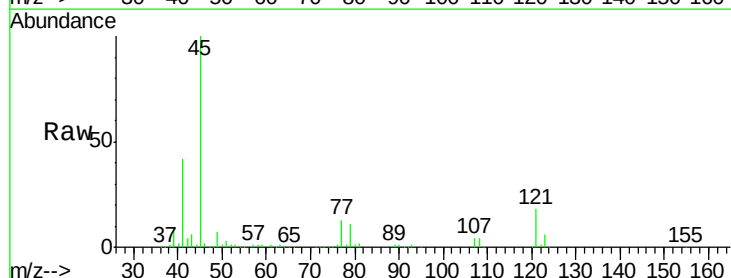
Tgt Ion: 45 Resp: 524878

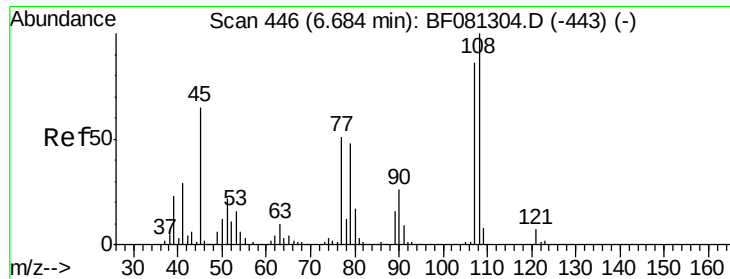
Ion Ratio Lower Upper

45 100

77 13.5 0.0 28.1

79 11.1 0.0 26.0





#17

2-Methylphenol

Concen: 81.49 ng

RT: 6.70 min Scan# 447

Delta R.T. 0.01 min

Lab File: BF081307.D

Acq: 1 Sep 2015 16:47

Instrument :

BNA_F

ClientSampleId :

Tot Ion:107 Resp: 240861

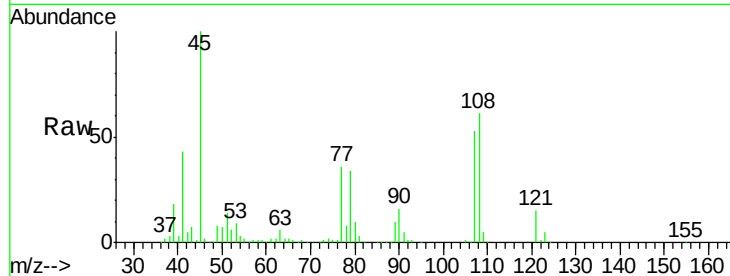
Ion Ratio Lower Upper

107 100

108 114.4 96.6 145.0

77 68.8 23.3 34.9#

79 63.6 22.0 33.0#

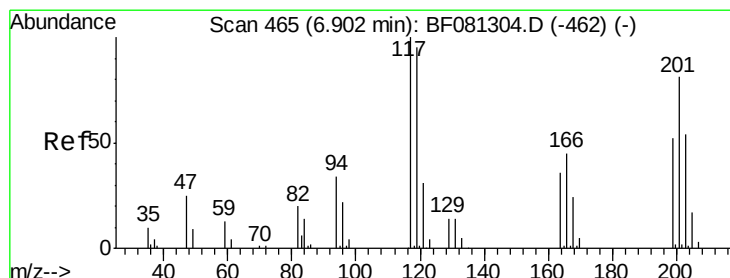
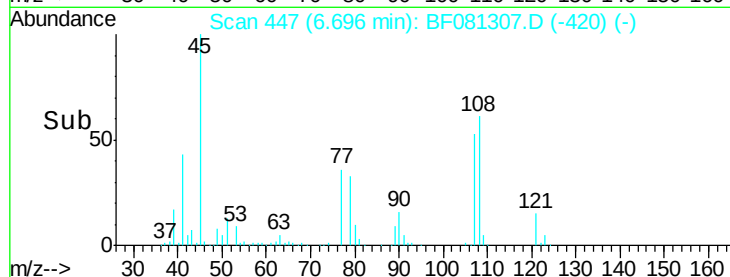
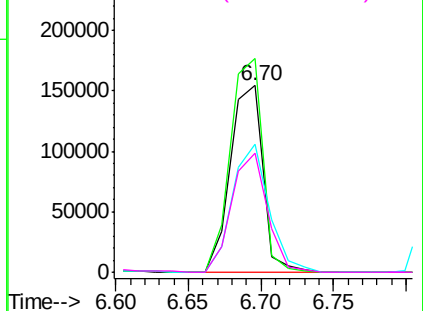


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#18

Hexachloroethane

Concen: 75.70 ng

RT: 6.90 min Scan# 465

Delta R.T. 0.00 min

Lab File: BF081307.D

Acq: 1 Sep 2015 16:47

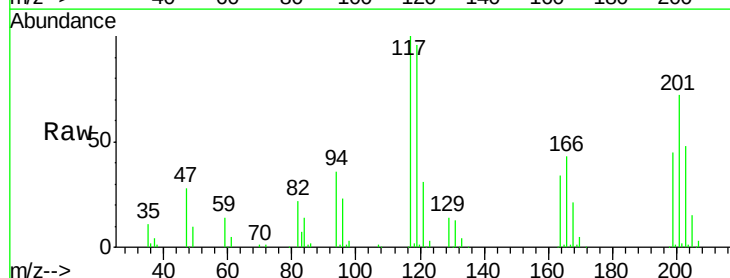
Tgt Ion:117 Resp: 119912

Ion Ratio Lower Upper

117 100

119 96.0 83.8 125.6

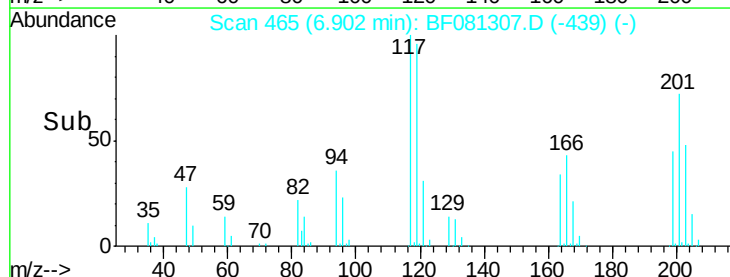
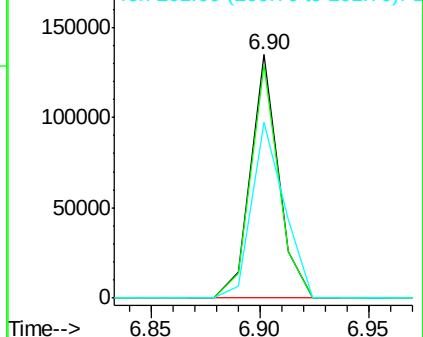
201 72.1 55.1 82.7

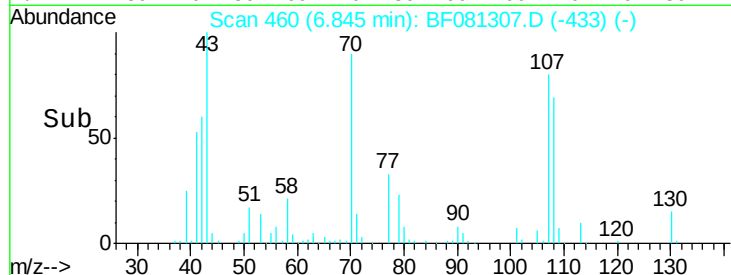
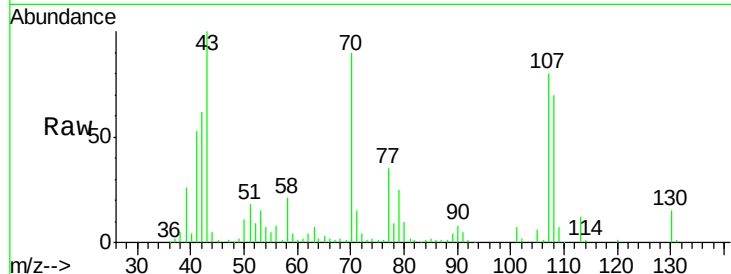
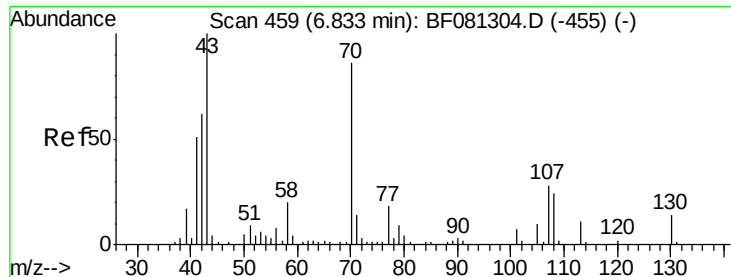


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

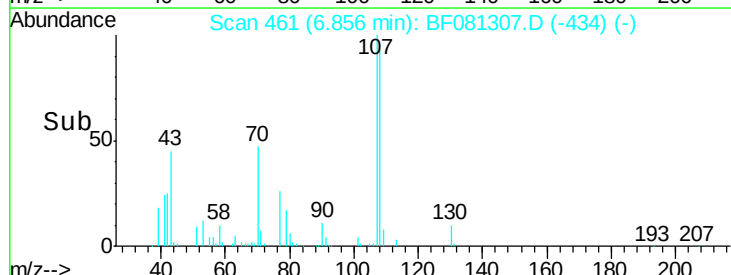
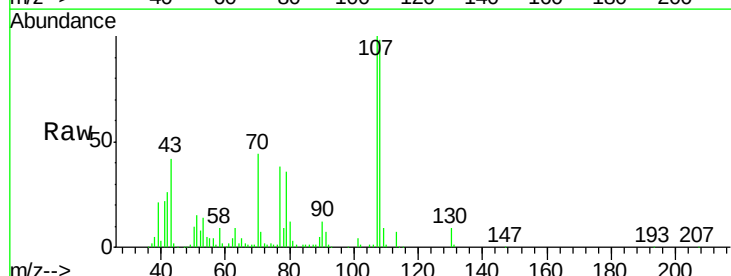
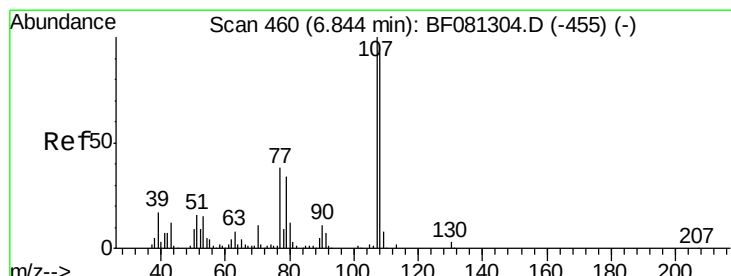
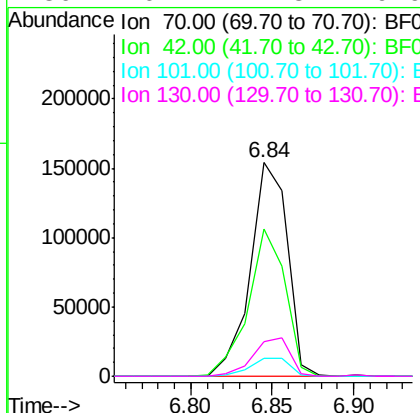




#19
n-Nitroso-di-n-propylamine
Concen: 80.50 ng
RT: 6.84 min Scan# 460
Delta R.T. 0.01 min
Lab File: BF081307.D
Acq: 1 Sep 2015 16:47

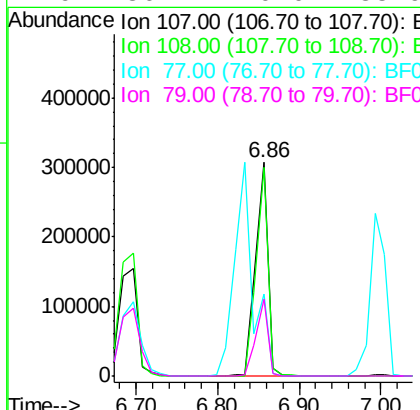
Instrument :
BNA_F
ClientSampleId :

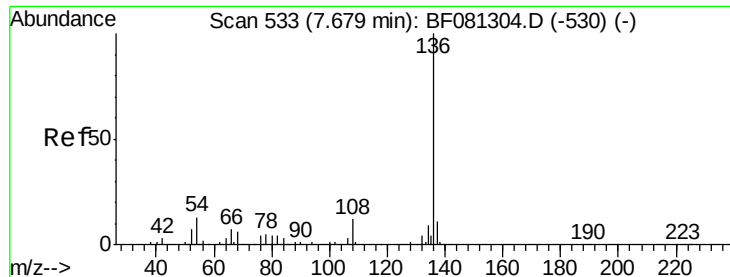
Tot Ion: 70 Resp: 244200
Ion Ratio Lower Upper
70 100
42 69.0 63.8 95.6
101 8.3 9.2 13.8#
130 16.4 27.3 40.9#



#20
3+4-Methylphenols
Concen: 79.95 ng
RT: 6.86 min Scan# 461
Delta R.T. 0.01 min
Lab File: BF081307.D
Acq: 1 Sep 2015 16:47

Tgt Ion:107 Resp: 319486
Ion Ratio Lower Upper
107 100
108 97.6 74.6 114.6
77 38.3 0.7 40.7
79 36.2 0.0 38.9

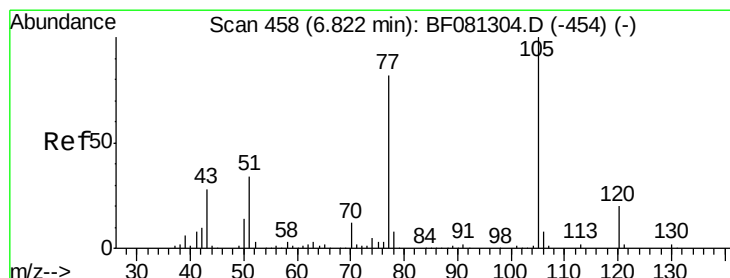
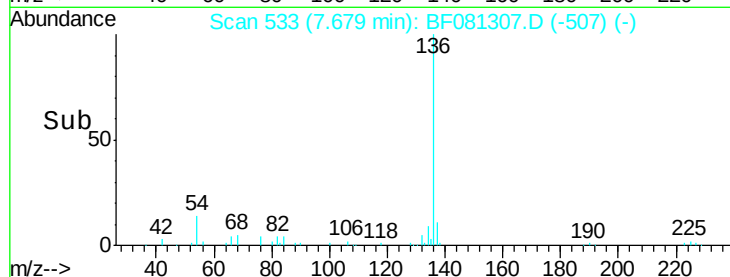
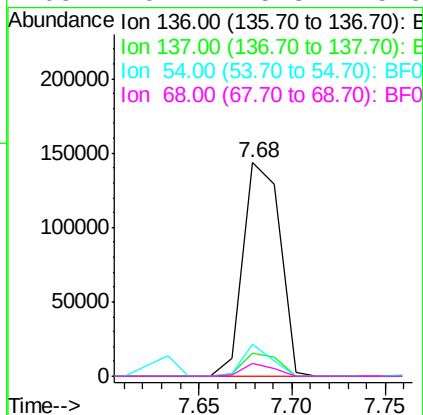
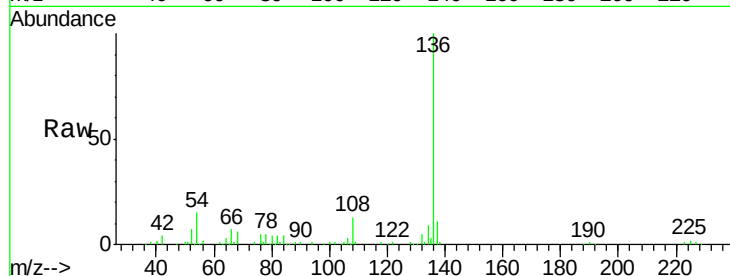




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.68 min Scan# 533
Delta R.T. 0.00 min
Lab File: BF081307.D
Acq: 1 Sep 2015 16:47

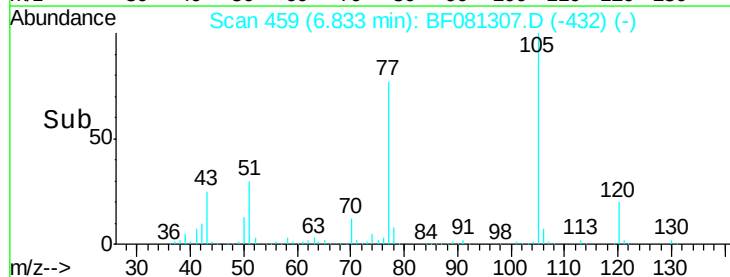
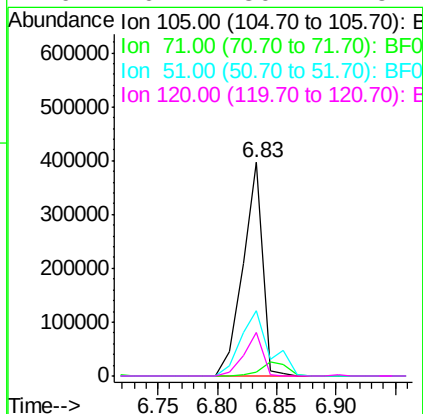
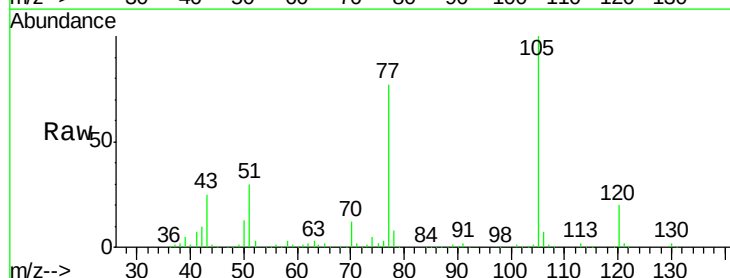
Instrument :
BNA_F
ClientSampleId :

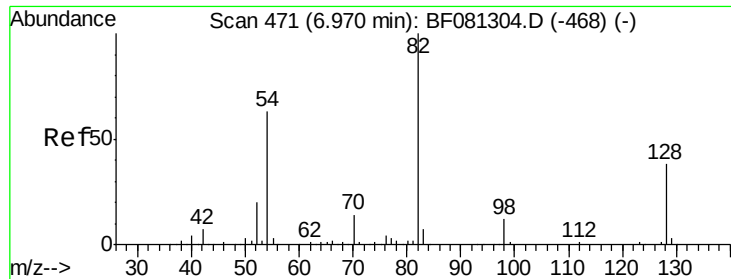
Tot Ion:136	Resp:	196798
Ion Ratio	Lower	Upper
136	100	
137	11.0	9.0 13.6
54	14.9	8.2 12.2#
68	6.2	5.8 8.6



#22
Acetophenone
Concen: 85.80 ng
RT: 6.83 min Scan# 459
Delta R.T. 0.01 min
Lab File: BF081307.D
Acq: 1 Sep 2015 16:47

Tgt Ion:105	Resp:	456488
Ion Ratio	Lower	Upper
105	100	
71	1.9	4.7 7.1#
51	30.4	22.0 33.0
120	20.4	30.1 45.1#

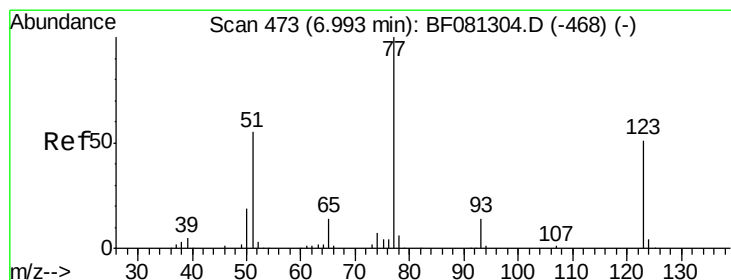
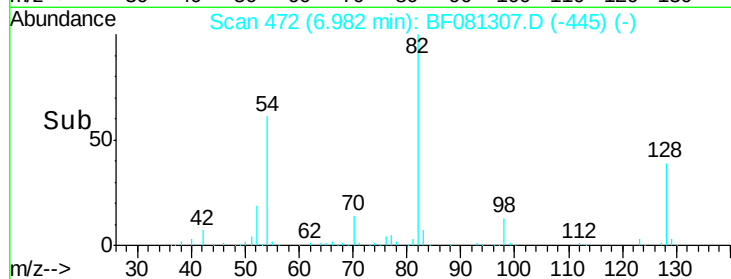
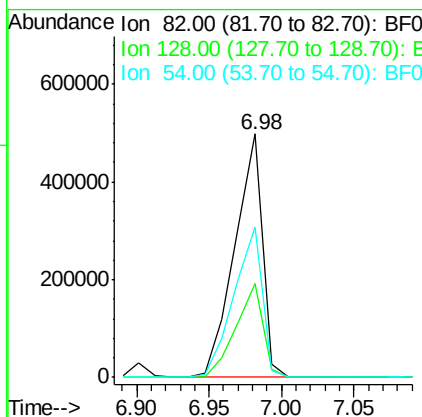
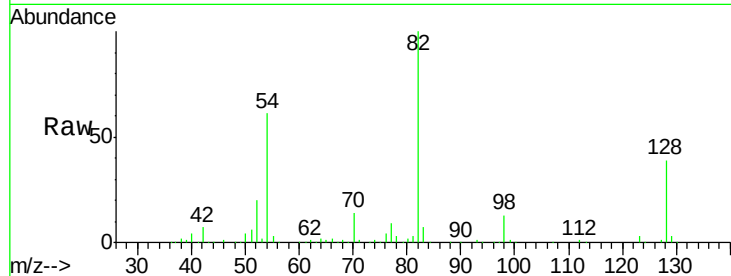




#23
 Nitrobenzene-d5
 Concen: 81.27 ng
 RT: 6.98 min Scan# 472
 Delta R.T. 0.01 min
 Lab File: BF081307.D
 Acq: 1 Sep 2015 16:47

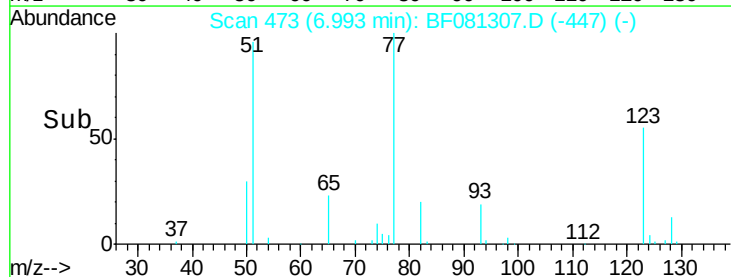
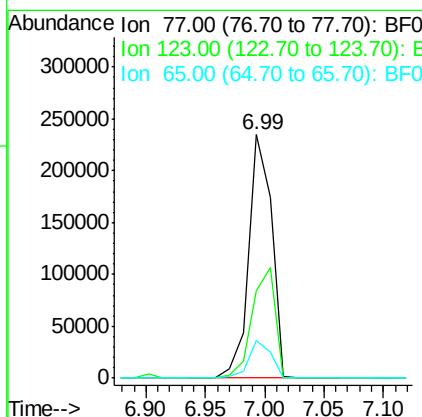
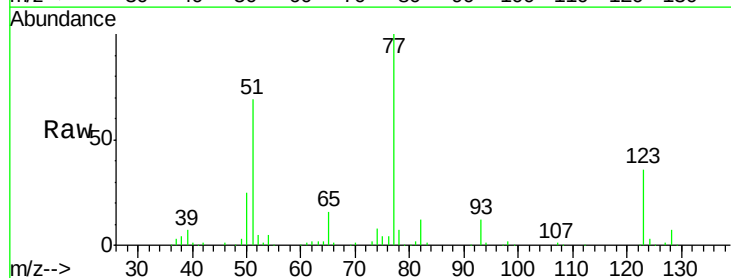
Instrument :
 BNA_F
 ClientSampleId :

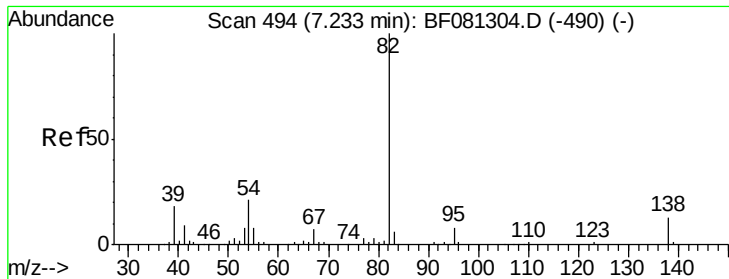
Tot Ion	82	Resp	661524
Ion Ratio	Lower	Upper	
82	100		
128	38.6	51.0	76.6#
54	61.5	47.5	71.3



#24
 Nitrobenzene
 Concen: 74.61 ng
 RT: 6.99 min Scan# 473
 Delta R.T. 0.00 min
 Lab File: BF081307.D
 Acq: 1 Sep 2015 16:47

Tgt Ion	77	Resp	319096
Ion Ratio	Lower	Upper	
77	100		
123	35.8	59.8	89.8#
65	15.6	10.2	15.4#





#25

Isophorone

Concen: 81.42 ng

RT: 7.24 min Scan# 495

Delta R.T. 0.01 min

Lab File: BF081307.D

Acq: 1 Sep 2015 16:47

Instrument :

BNA_F

ClientSampleId :

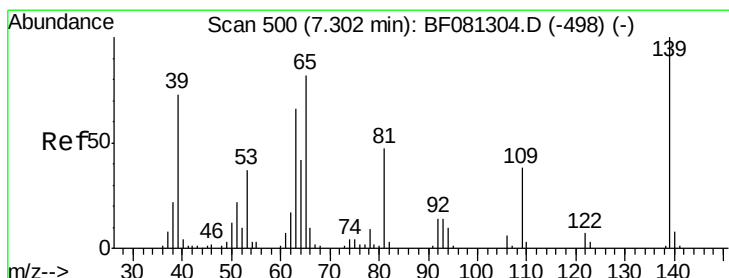
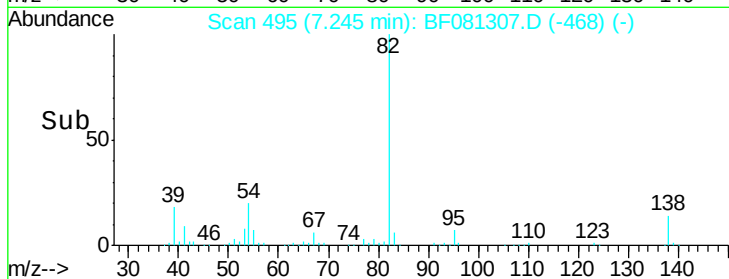
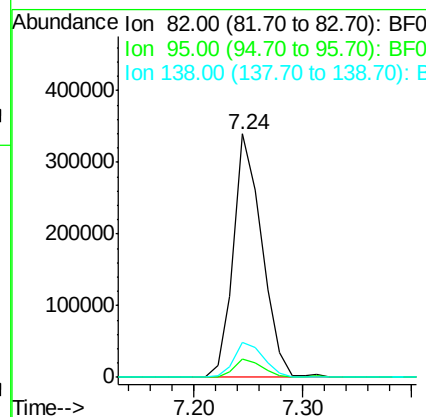
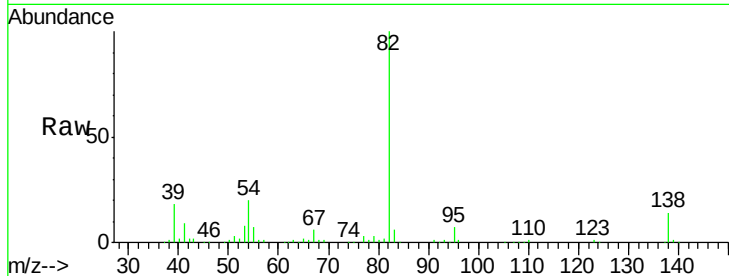
Tot Ion: 82 Resp: 616141

Ion Ratio Lower Upper

82 100

95 7.5 4.0 6.0#

138 14.1 18.3 27.5#



#26

2-Nitrophenol

Concen: 89.91 ng

RT: 7.31 min Scan# 501

Delta R.T. 0.01 min

Lab File: BF081307.D

Acq: 1 Sep 2015 16:47

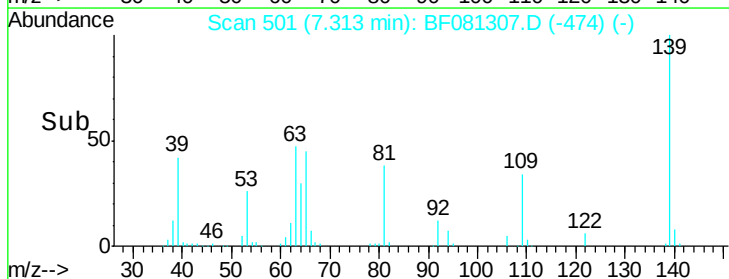
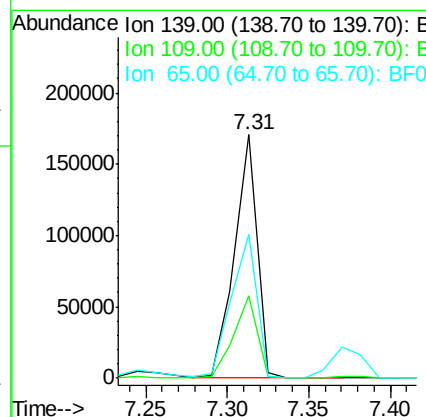
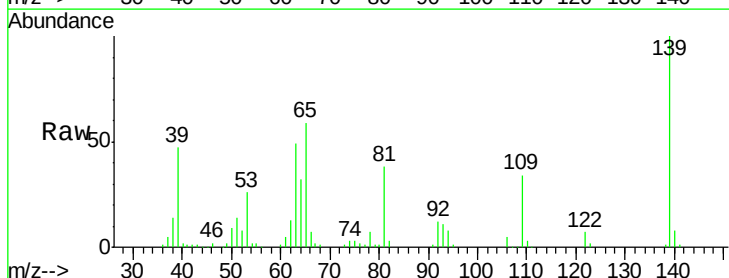
Tgt Ion: 139 Resp: 163112

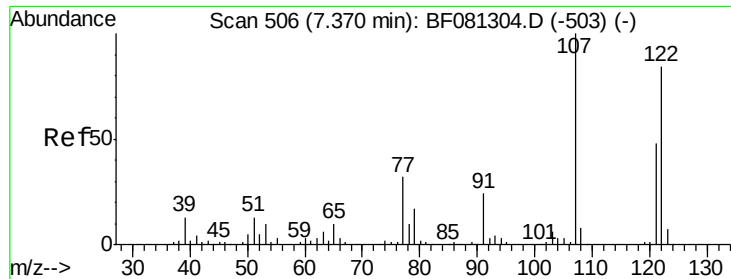
Ion Ratio Lower Upper

139 100

109 33.9 11.0 16.4#

65 59.1 24.7 37.1#





#27

2,4-Dimethylphenol

Concen: 83.40 ng

RT: 7.38 min Scan# 507

Delta R.T. 0.01 min

Lab File: BF081307.D

Acq: 1 Sep 2015 16:47

Instrument :

BNA_F

ClientSampleId :

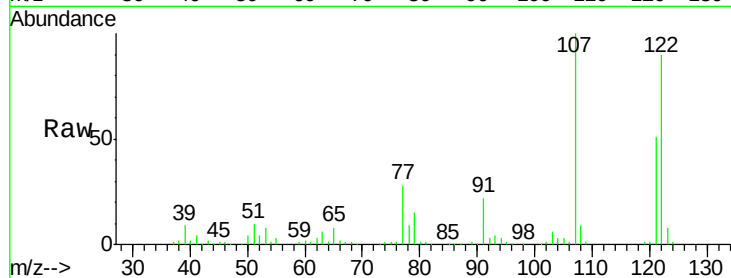
Tot Ion:122 Resp: 264346

Ion Ratio Lower Upper

122 100

107 110.6 71.8 107.6#

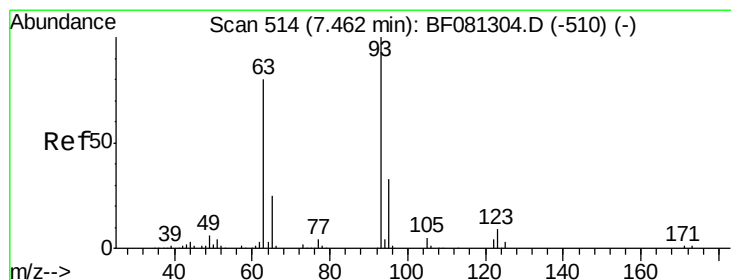
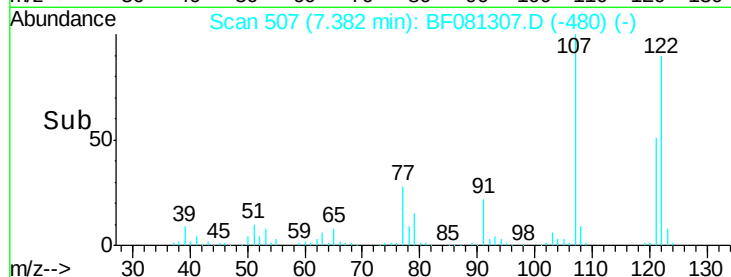
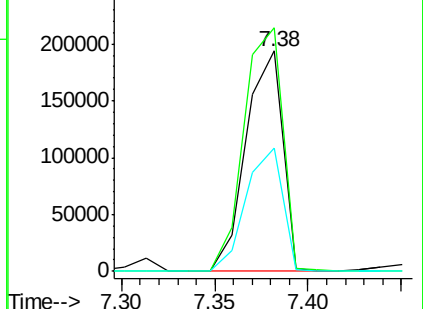
121 55.9 42.3 63.5



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 78.95 ng

RT: 7.46 min Scan# 514

Delta R.T. 0.00 min

Lab File: BF081307.D

Acq: 1 Sep 2015 16:47

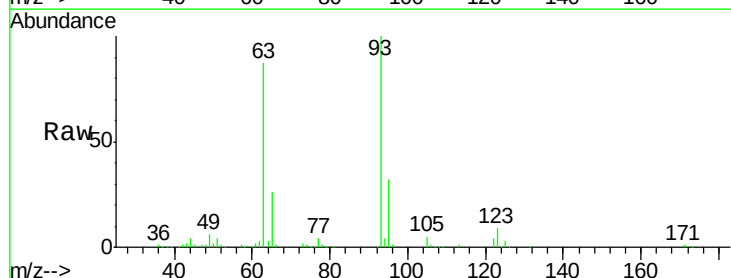
Tgt Ion: 93 Resp: 346635

Ion Ratio Lower Upper

93 100

95 32.1 27.5 41.3

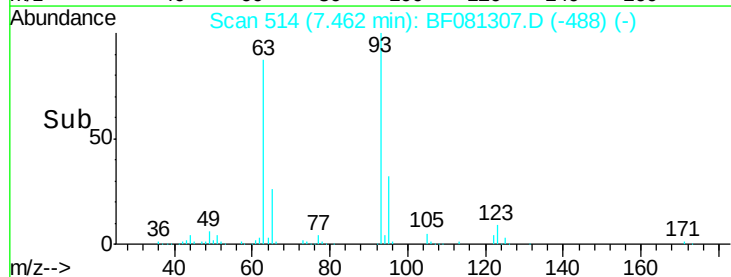
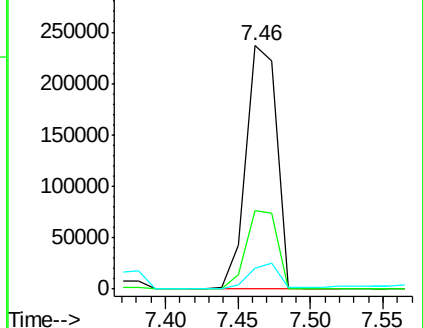
123 8.8 13.7 20.5#

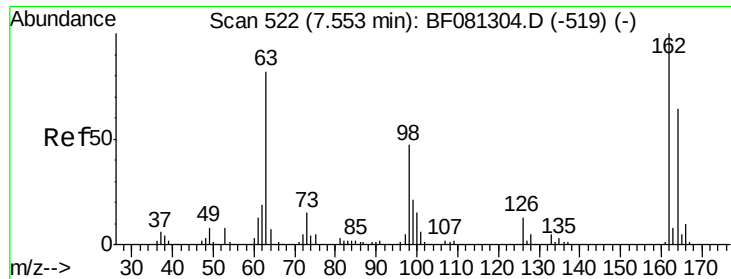


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

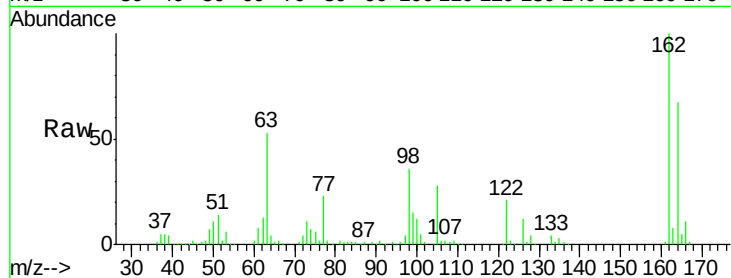




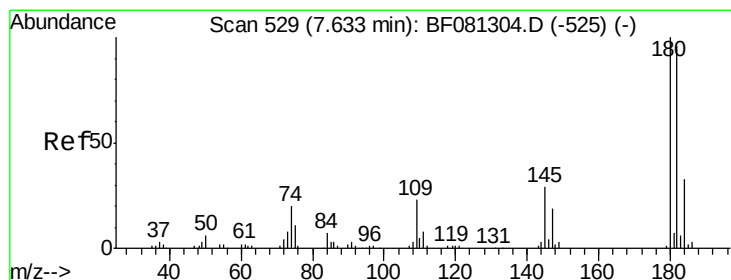
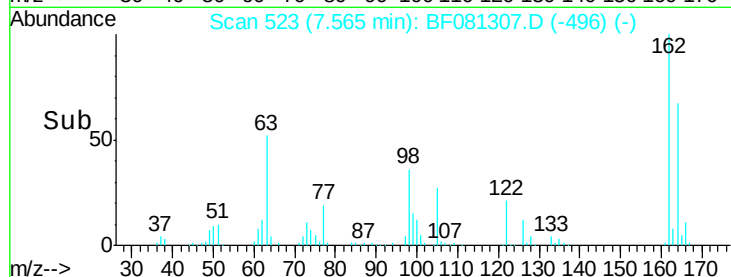
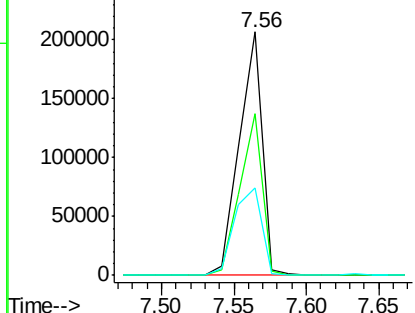
#29
 2,4-Dichlorophenol
 Concen: 82.30 ng
 RT: 7.56 min Scan# 523
 Delta R.T. 0.01 min
 Lab File: BF081307.D
 Acq: 1 Sep 2015 16:47

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	66.5	44.9	84.9
98	36.1	13.0	53.0

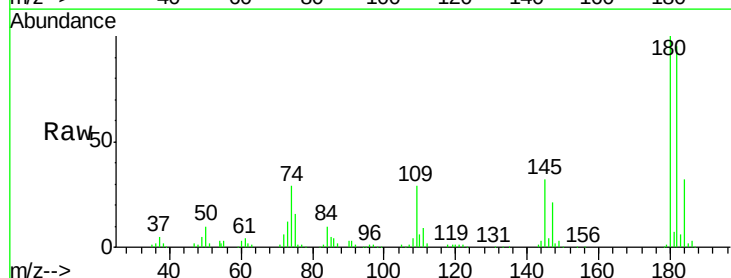


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

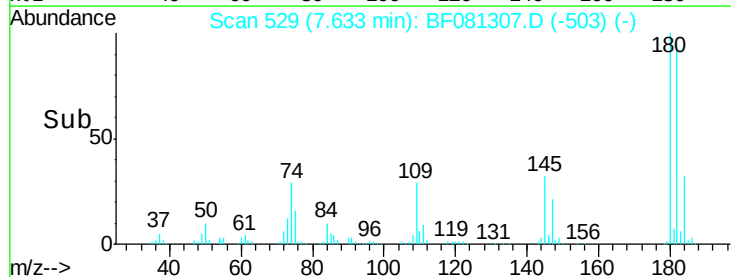
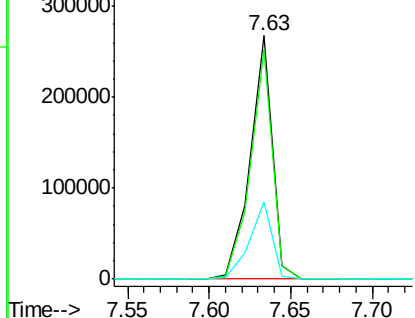


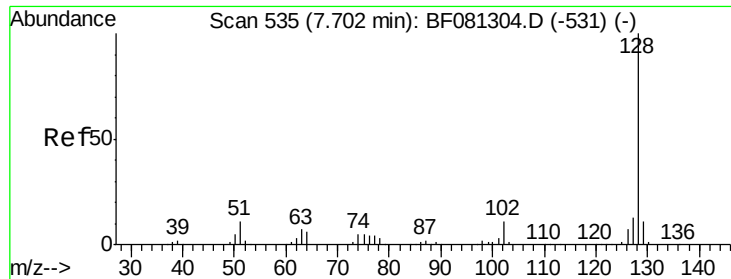
#30
 1,2,4-Trichlorobenzene
 Concen: 84.74 ng
 RT: 7.63 min Scan# 529
 Delta R.T. 0.00 min
 Lab File: BF081307.D
 Acq: 1 Sep 2015 16:47

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.5	77.1	115.7
145	31.9	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

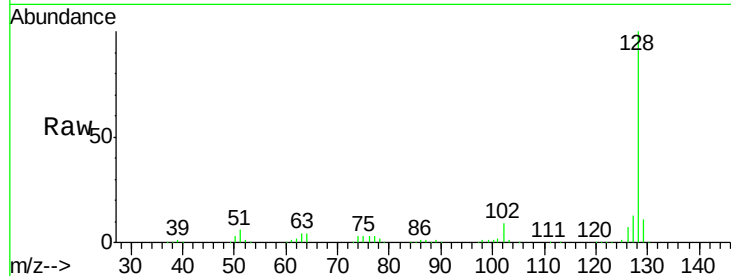




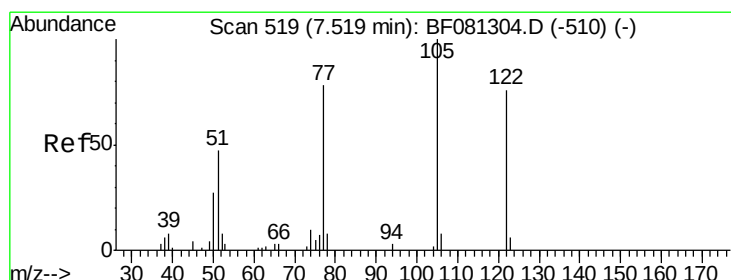
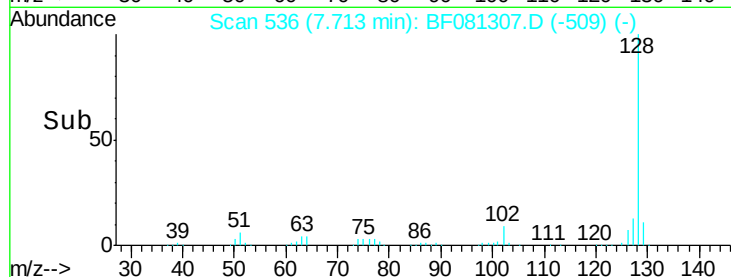
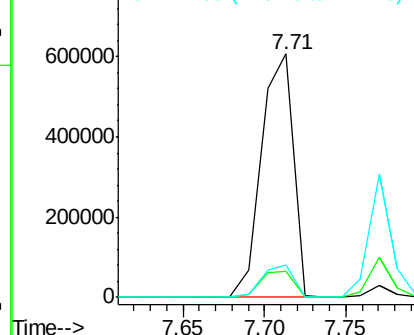
#31
Naphthalene
Concen: 78.32 ng
RT: 7.71 min Scan# 536
Delta R.T. 0.01 min
Lab File: BF081307.D
Acq: 1 Sep 2015 16:47

Instrument :
BNA_F
ClientSampled :

Tot Ion:128 Resp: 824518
Ion Ratio Lower Upper
128 100
129 10.7 8.4 12.6
127 13.1 9.9 14.9

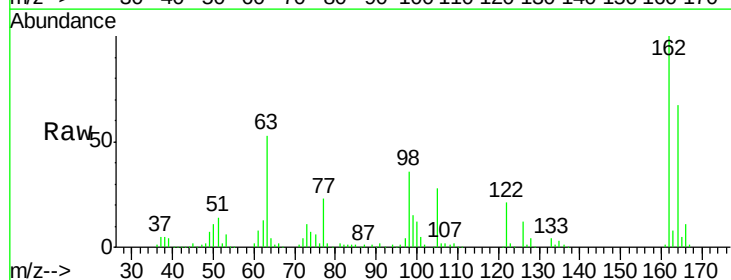


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

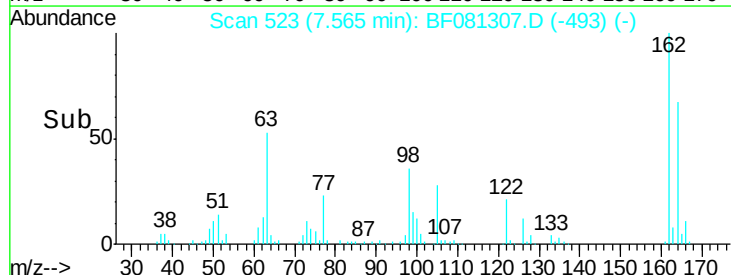
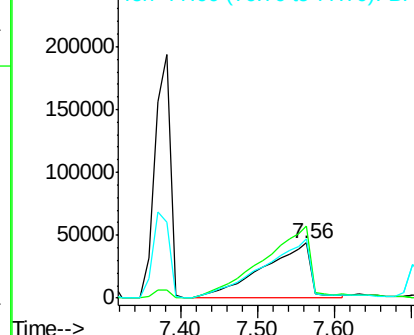


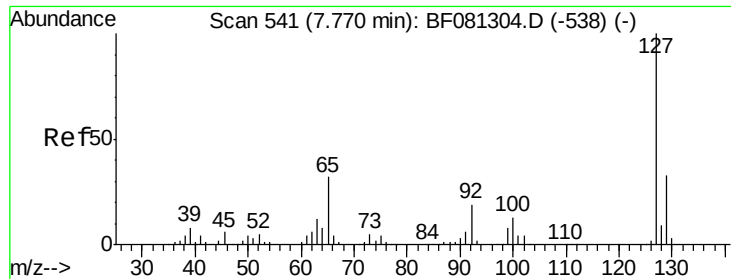
#32
Benzoic acid
Concen: 87.56 ng
RT: 7.56 min Scan# 523
Delta R.T. 0.05 min
Lab File: BF081307.D
Acq: 1 Sep 2015 16:47

Tgt Ion:122 Resp: 187560
Ion Ratio Lower Upper
122 100
105 130.5 76.1 116.1#
77 108.5 40.5 80.5#



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF0

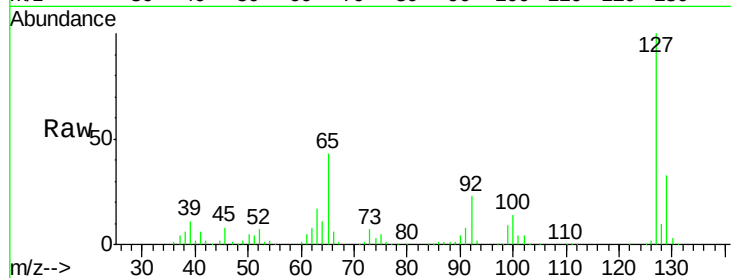




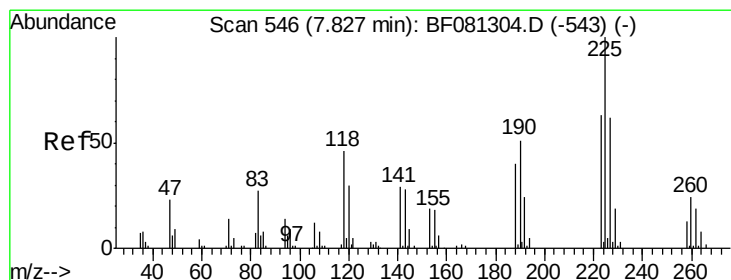
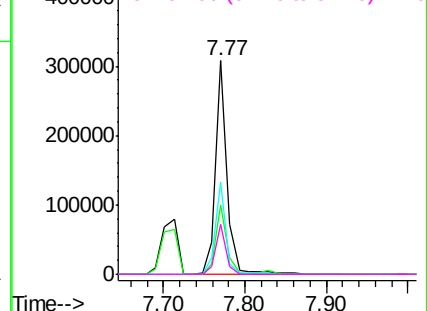
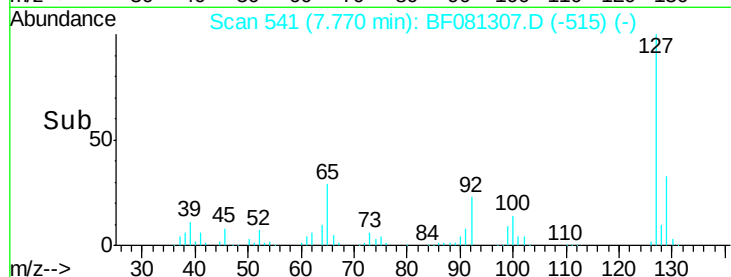
#33
4-Chloroaniline
Concen: 70.86 ng
RT: 7.77 min Scan# 541
Delta R.T. 0.00 min
Lab File: BF081307.D
Acq: 1 Sep 2015 16:47

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
127	100		
129	32.7	25.8	38.6
65	43.4	17.9	26.9
92	23.2	10.5	15.7

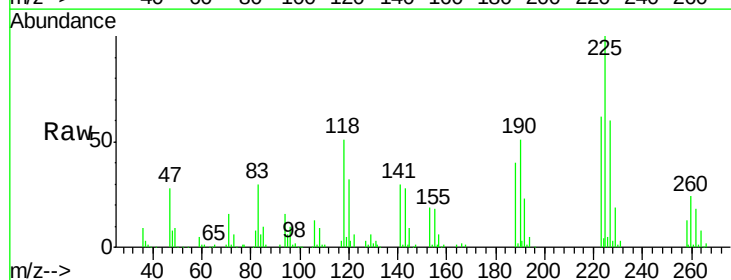


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

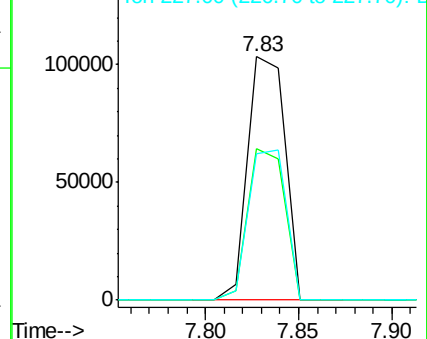
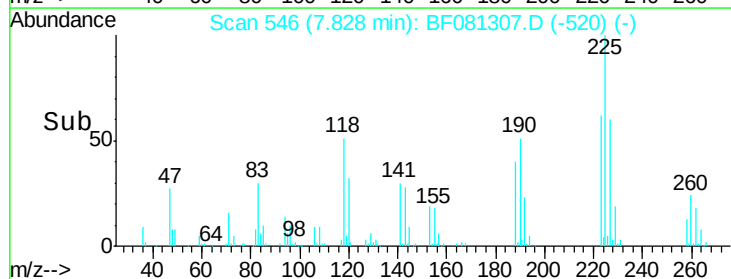


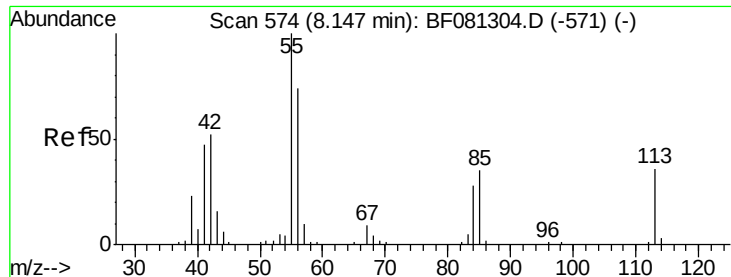
#34
Hexachlorobutadiene
Concen: 78.01 ng
RT: 7.83 min Scan# 546
Delta R.T. 0.00 min
Lab File: BF081307.D
Acq: 1 Sep 2015 16:47

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.3	50.2	75.2
227	59.9	52.2	78.2



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 80.36 ng

RT: 8.18 min Scan# 577

Delta R.T. 0.03 min

Lab File: BF081307.D

Acq: 1 Sep 2015 16:47

Instrument :

BNA_F

ClientSampleId :

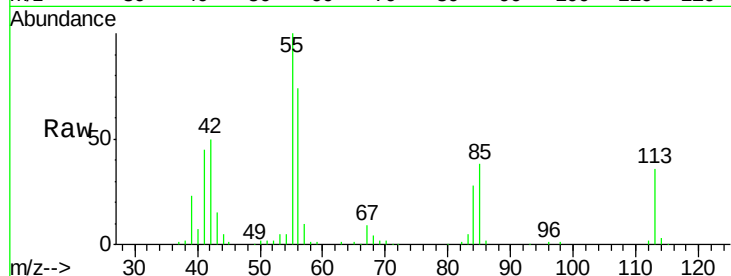
Tot Ion:113 Resp: 68111

Ion Ratio Lower Upper

113 100

55 275.9 152.4 192.4#

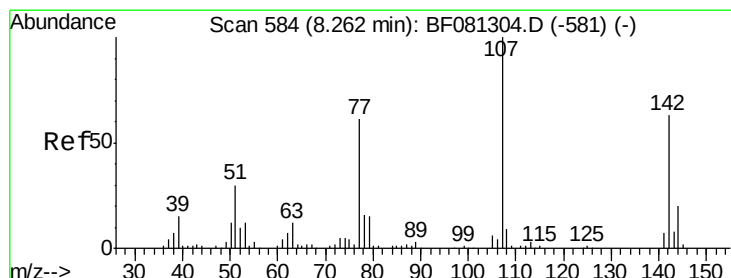
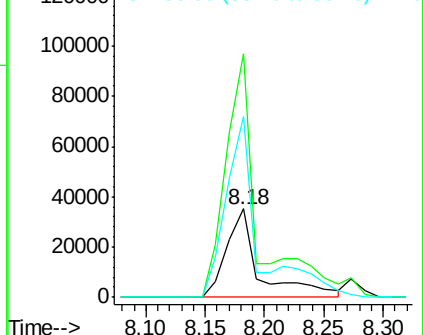
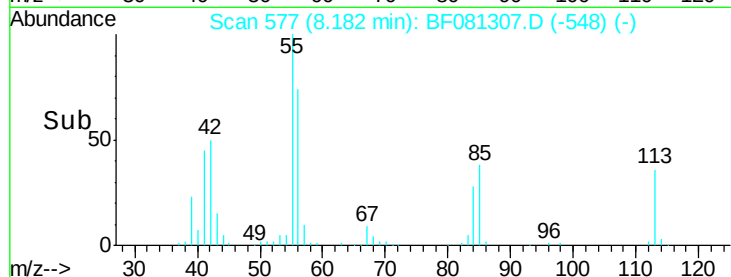
56 205.5 104.6 144.6#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 77.08 ng

RT: 8.27 min Scan# 585

Delta R.T. 0.01 min

Lab File: BF081307.D

Acq: 1 Sep 2015 16:47

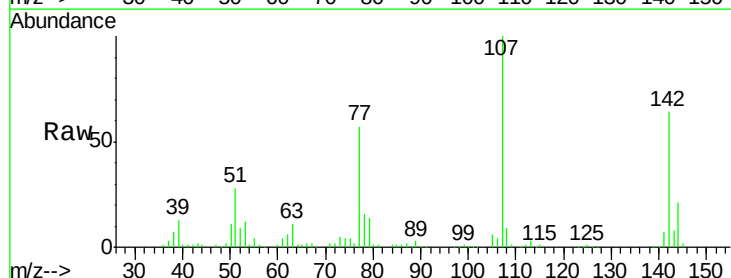
Tgt Ion:107 Resp: 239825

Ion Ratio Lower Upper

107 100

144 20.7 25.4 38.0#

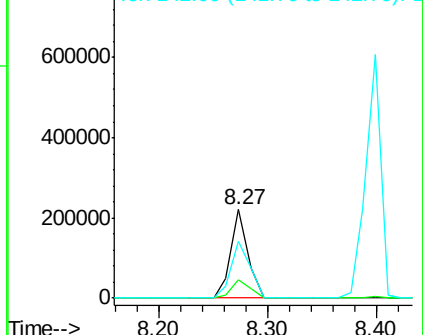
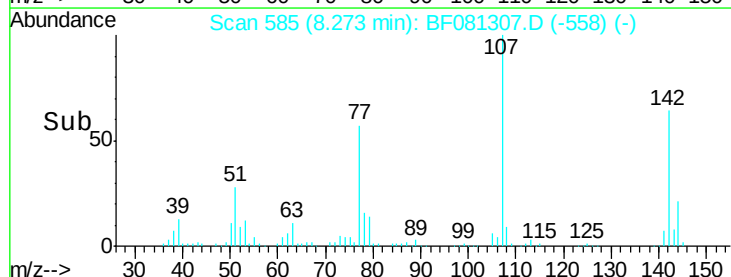
142 64.2 77.3 115.9#

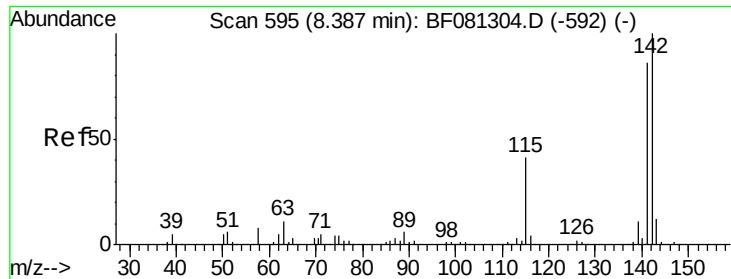


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

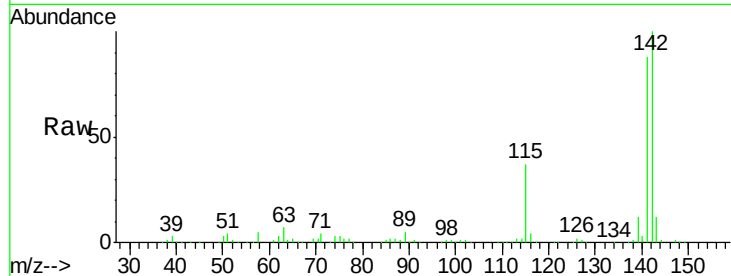




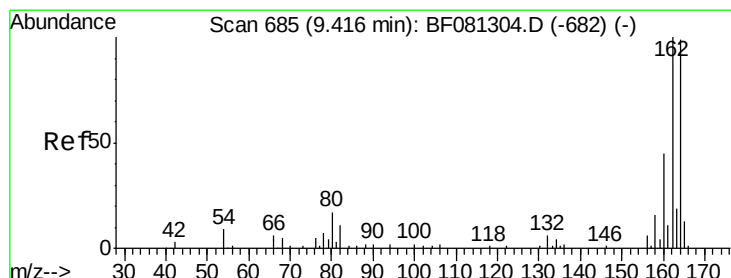
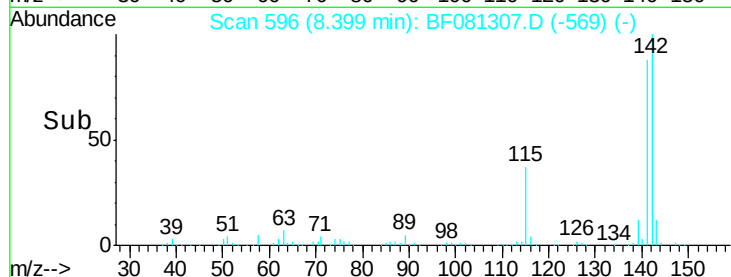
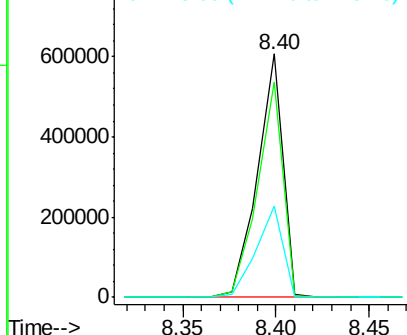
#37
 2-Methylnaphthalene
 Concen: 86.36 ng
 RT: 8.40 min Scan# 596
 Delta R.T. 0.01 min
 Lab File: BF081307.D
 Acq: 1 Sep 2015 16:47

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:142 Resp: 583232
 Ion Ratio Lower Upper
 142 100
 141 88.5 67.5 101.3
 115 37.4 18.2 27.2#

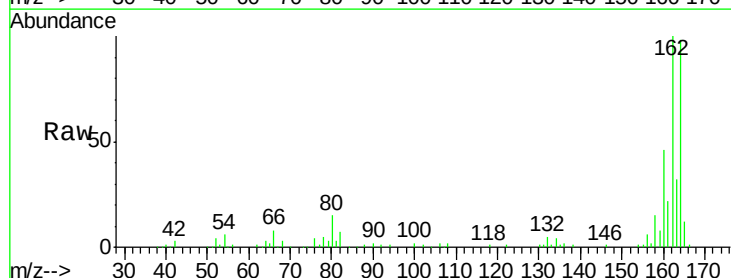


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

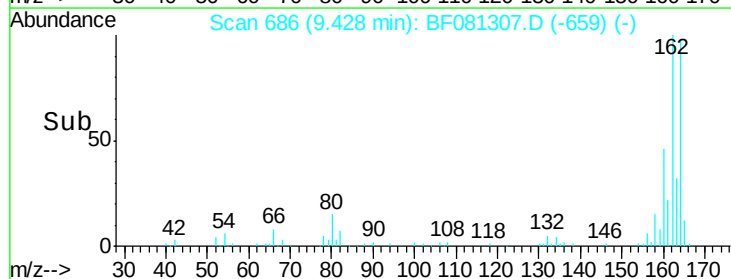
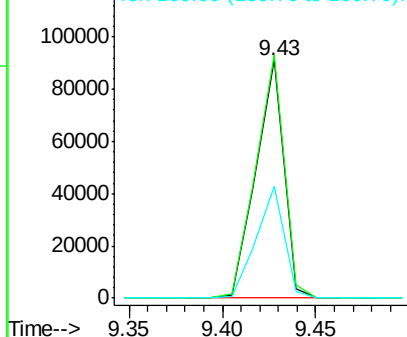


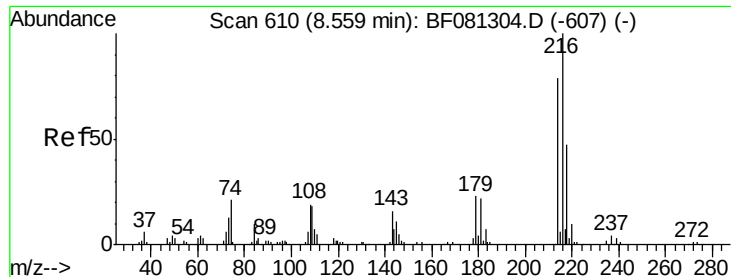
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.43 min Scan# 686
 Delta R.T. 0.01 min
 Lab File: BF081307.D
 Acq: 1 Sep 2015 16:47

Tgt Ion:164 Resp: 94421
 Ion Ratio Lower Upper
 164 100
 162 102.1 75.2 112.8
 160 46.9 31.5 47.3



Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E





#39

1,2,4,5-Tetrachlorobenzene

Concen: 68.73 ng

RT: 8.56 min Scan# 610

Delta R.T. 0.00 min

Lab File: BF081307.D

Acq: 1 Sep 2015 16:47

Instrument :

BNA_F

ClientSampled :

Tot Ion:216 Resp: 209459

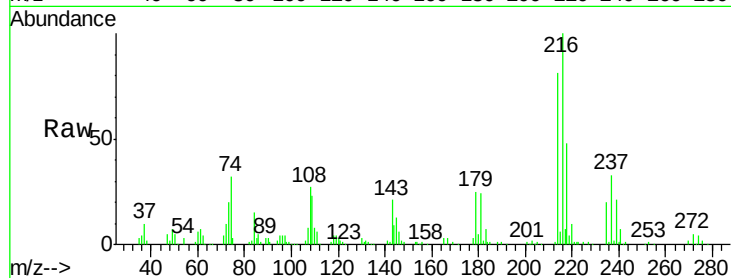
Ion Ratio Lower Upper

216 100

214 80.1 63.5 95.3

179 21.3 16.6 24.8

108 21.3 16.3 24.5

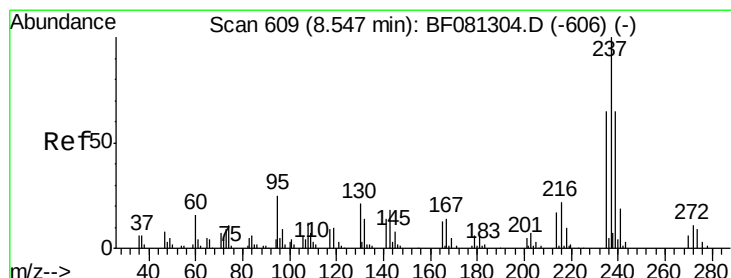
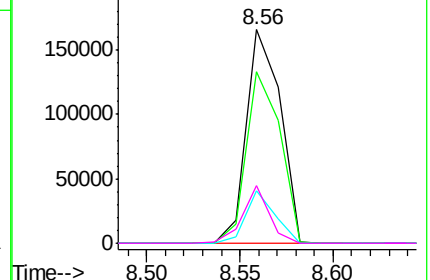
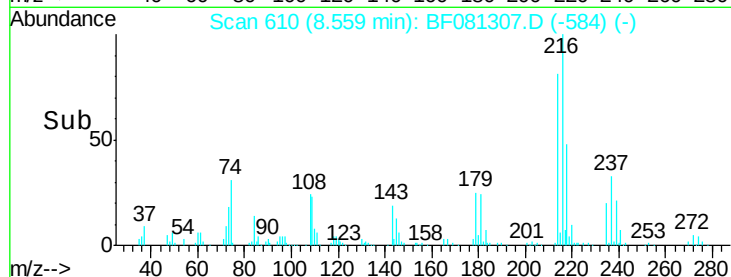


Abundance Ion 216.00 (215.70 to 216.70): E

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: 86.99 ng

RT: 8.55 min Scan# 609

Delta R.T. 0.00 min

Lab File: BF081307.D

Acq: 1 Sep 2015 16:47

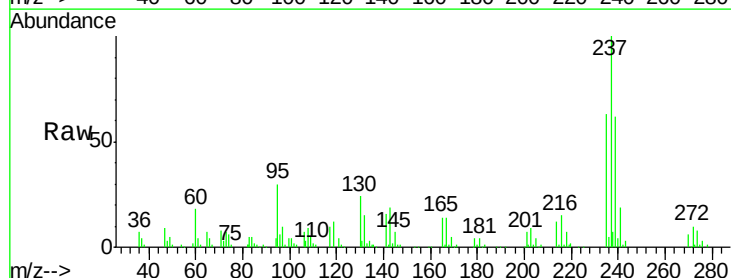
Tgt Ion:237 Resp: 125653

Ion Ratio Lower Upper

237 100

235 62.5 42.0 82.0

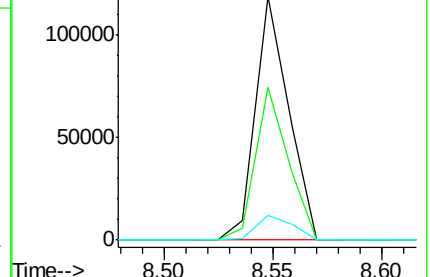
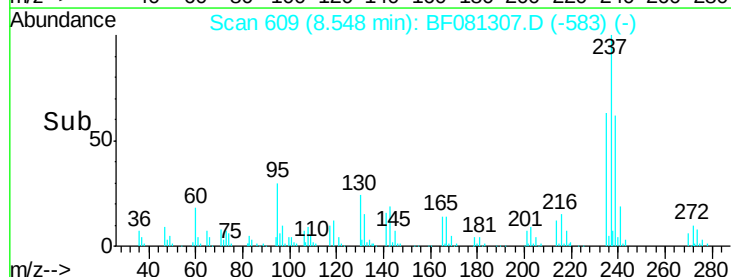
272 10.3 0.0 36.1

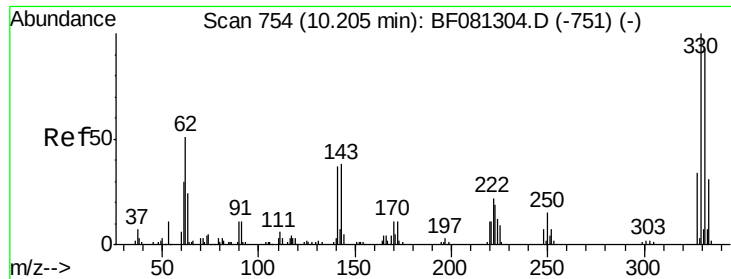


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

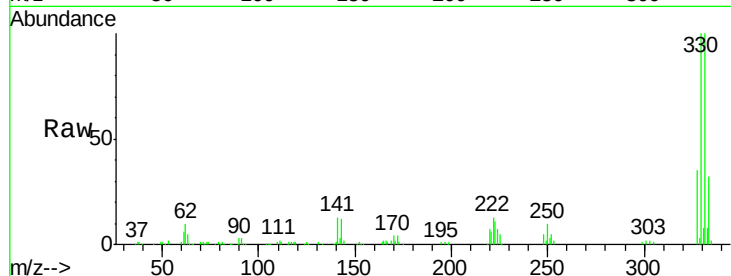




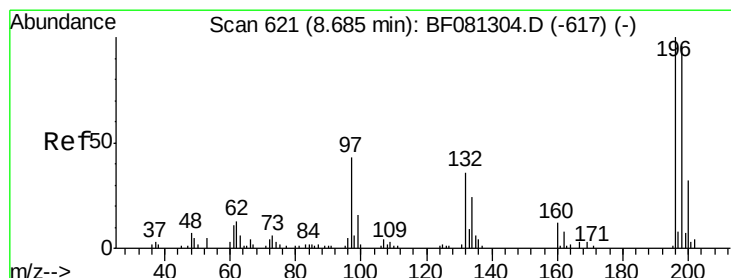
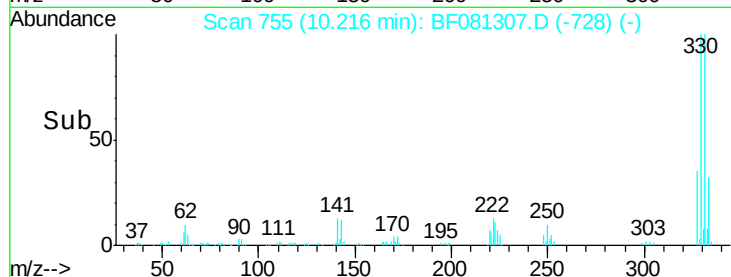
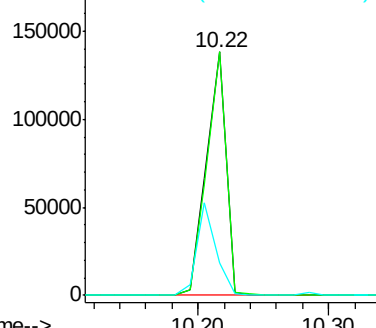
#41
 2,4,6-Tribromophenol
 Concen: 86.93 ng
 RT: 10.22 min Scan# 755
 Delta R.T. 0.01 min
 Lab File: BF081307.D
 Acq: 1 Sep 2015 16:47

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:330 Resp: 144387
 Ion Ratio Lower Upper
 330 100
 332 98.3 76.6 114.8
 141 36.7 29.7 44.5

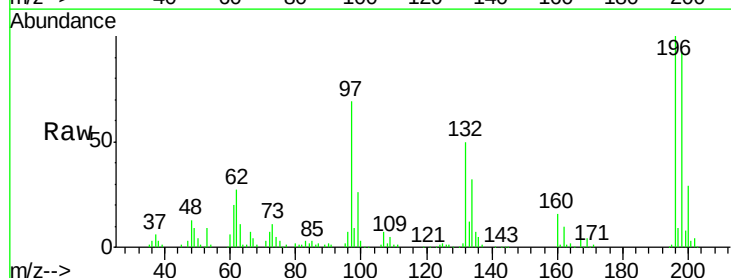


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

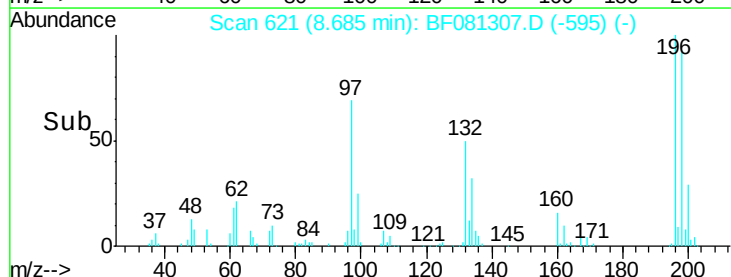
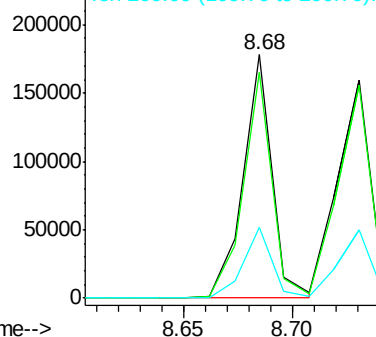


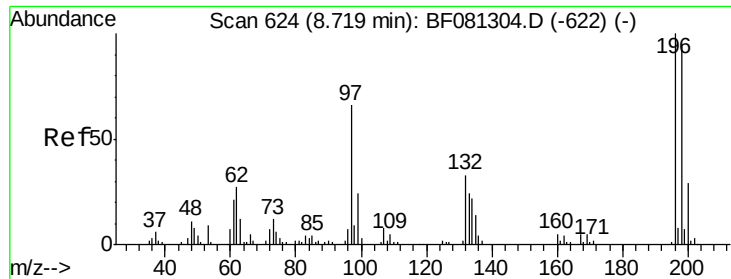
#42
 2,4,6-Trichlorophenol
 Concen: 80.58 ng
 RT: 8.68 min Scan# 621
 Delta R.T. 0.00 min
 Lab File: BF081307.D
 Acq: 1 Sep 2015 16:47

Tgt Ion:196 Resp: 165886
 Ion Ratio Lower Upper
 196 100
 198 92.6 75.7 113.5
 200 29.1 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

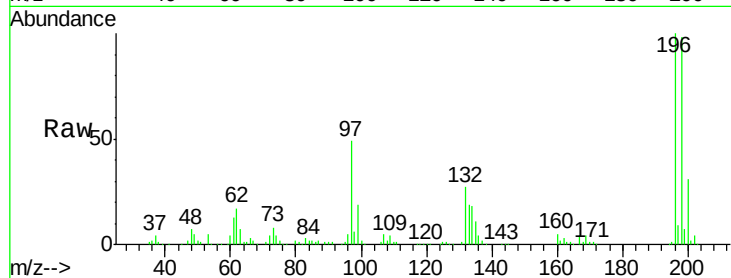




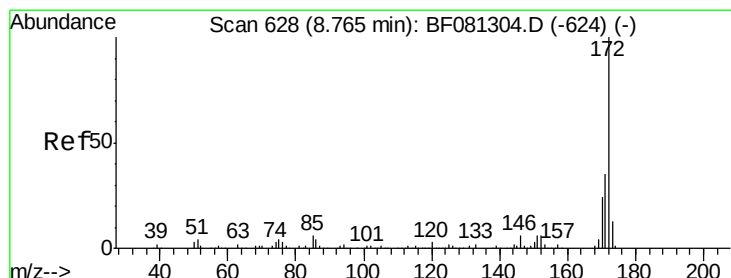
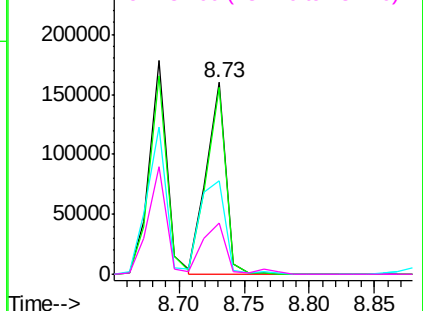
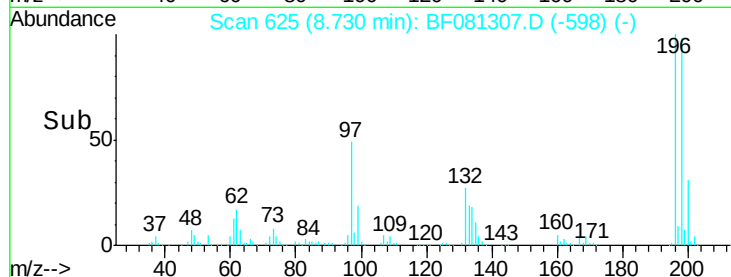
#43
 2,4,5-Trichlorophenol
 Concen: 79.88 ng
 RT: 8.73 min Scan# 625
 Delta R.T. 0.01 min
 Lab File: BF081307.D
 Acq: 1 Sep 2015 16:47

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	196	Resp:	167976
Ion	Ratio	Lower	Upper
196	100		
198	97.6	75.4	113.0
97	48.7	33.3	49.9
132	27.0	24.6	37.0

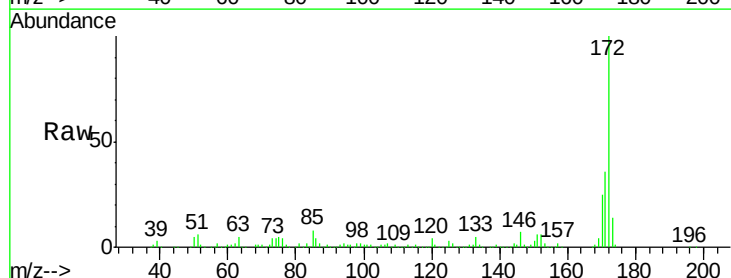


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

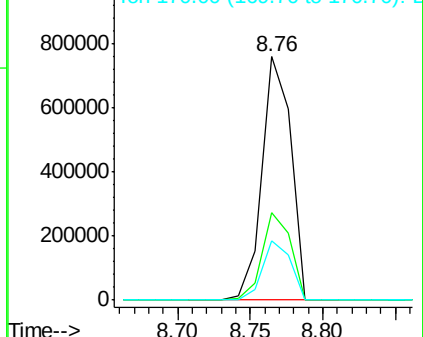
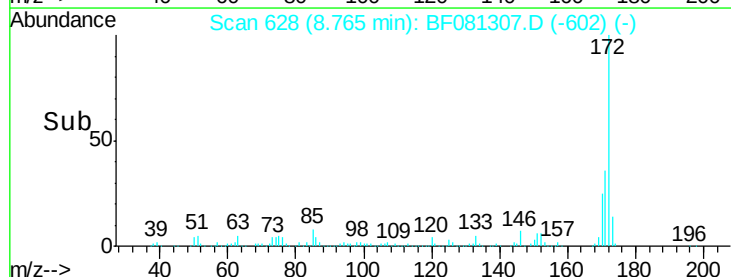


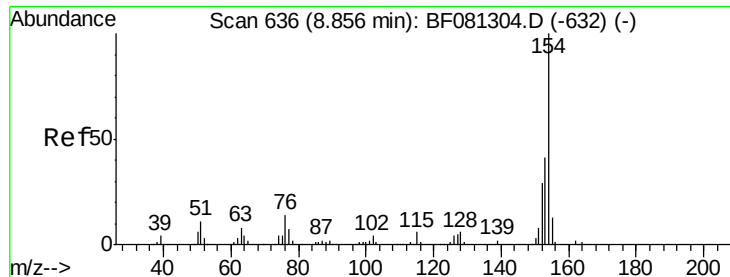
#44
 2-Fluorobiphenyl
 Concen: 69.69 ng
 RT: 8.76 min Scan# 628
 Delta R.T. 0.00 min
 Lab File: BF081307.D
 Acq: 1 Sep 2015 16:47

Tgt Ion:	172	Resp:	1046223
Ion	Ratio	Lower	Upper
172	100		
171	35.9	26.1	39.1
170	24.5	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: 81.86 ng

RT: 8.87 min Scan# 637

Delta R.T. 0.01 min

Lab File: BF081307.D

Acq: 1 Sep 2015 16:47

Instrument :

BNA_F

ClientSampleId :

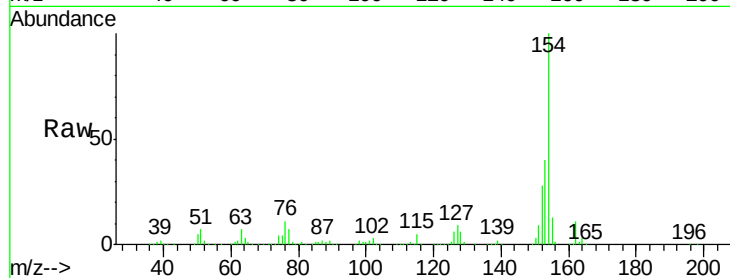
Tot Ion:154 Resp: 708740

Ion Ratio Lower Upper

154 100

153 40.3 17.1 57.1

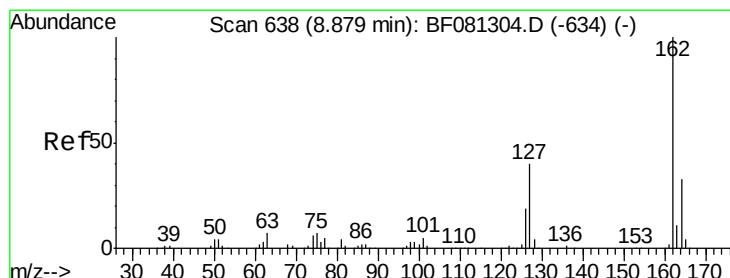
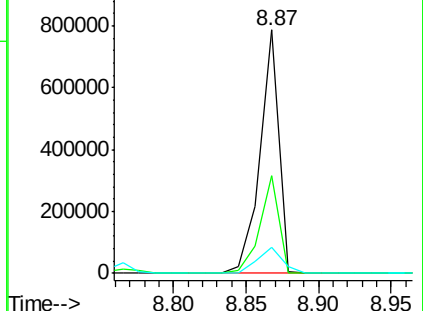
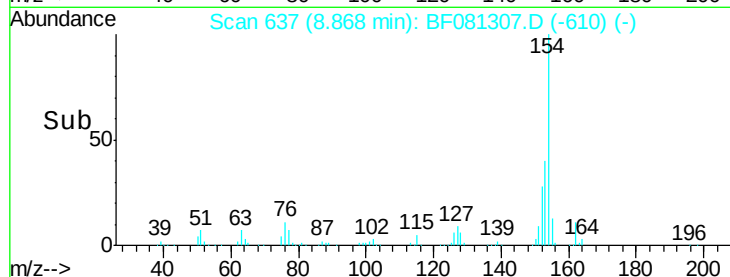
76 10.7 0.0 31.6



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: 67.61 ng

RT: 8.88 min Scan# 638

Delta R.T. 0.00 min

Lab File: BF081307.D

Acq: 1 Sep 2015 16:47

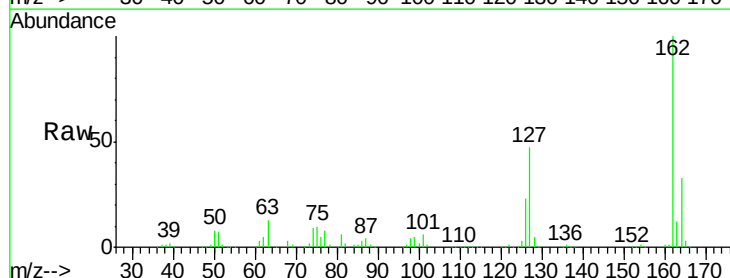
Tgt Ion:162 Resp: 433753

Ion Ratio Lower Upper

162 100

127 47.5 27.6 41.4#

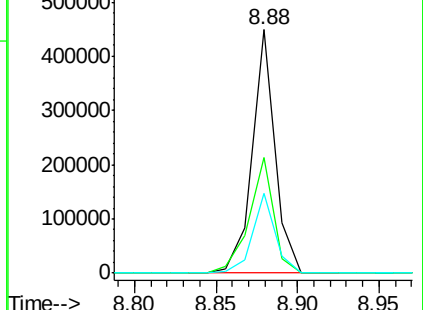
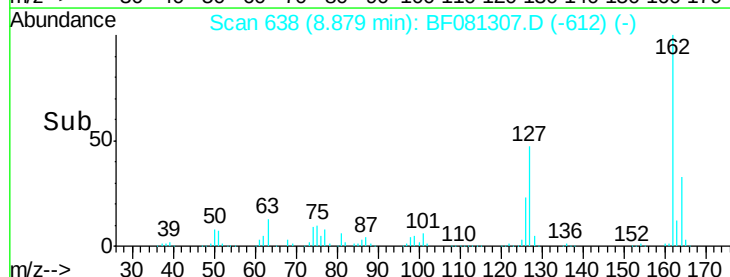
164 32.6 25.4 38.2

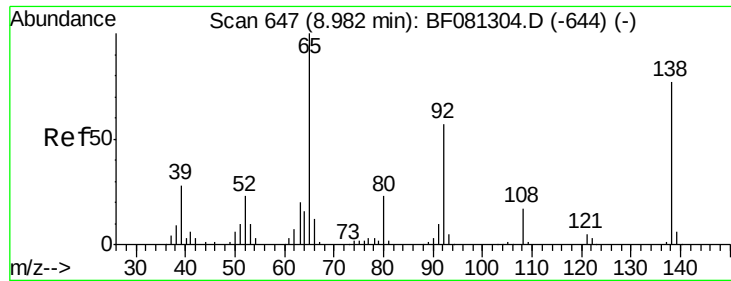


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 89.86 ng

RT: 8.99 min Scan# 648

Delta R.T. 0.01 min

Lab File: BF081307.D

Acq: 1 Sep 2015 16:47

Instrument :

BNA_F

ClientSampled :

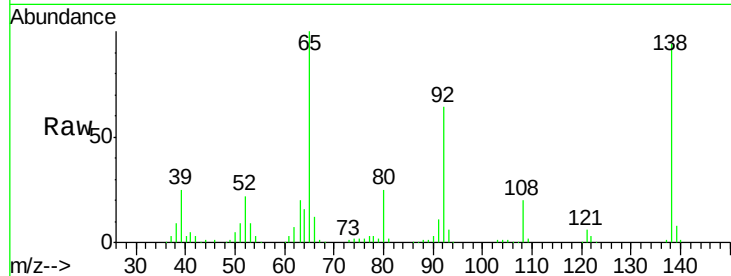
Tot Ion: 65 Resp: 225769

Ion Ratio Lower Upper

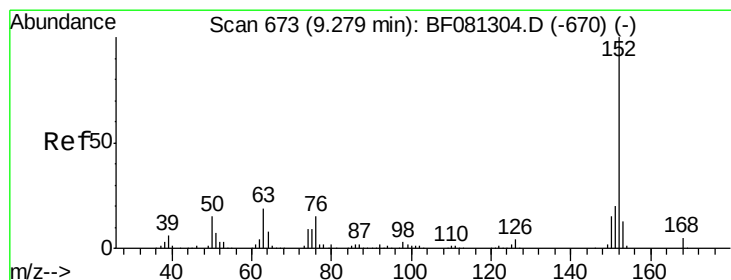
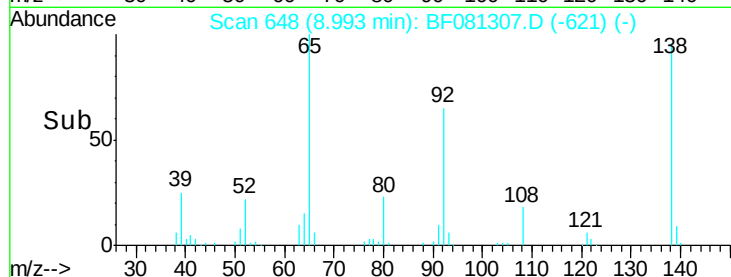
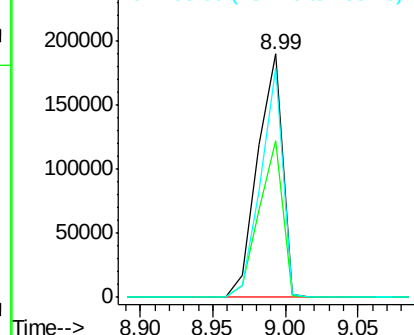
65 100

92 64.4 55.4 83.0

138 94.5 115.5 173.3#



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: 76.82 ng

RT: 9.29 min Scan# 674

Delta R.T. 0.01 min

Lab File: BF081307.D

Acq: 1 Sep 2015 16:47

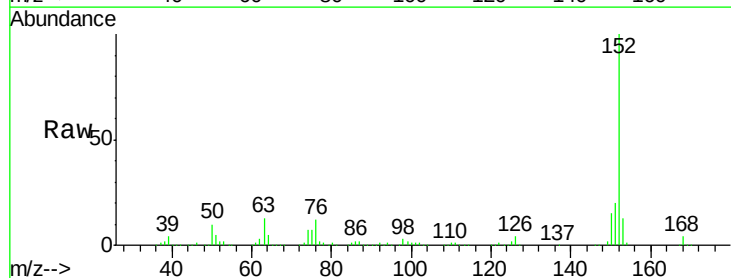
Tgt Ion: 152 Resp: 859793

Ion Ratio Lower Upper

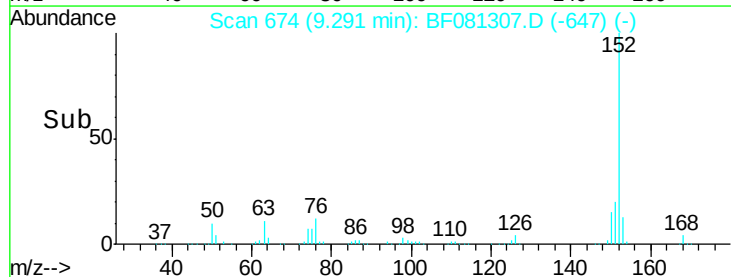
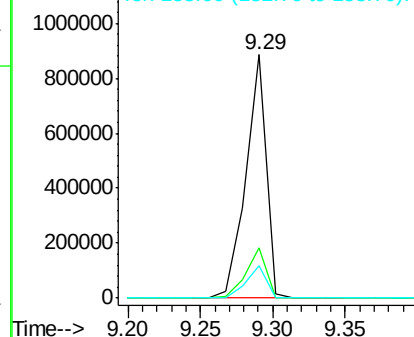
152 100

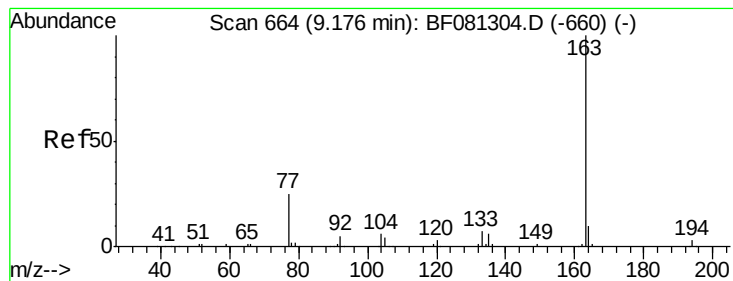
151 20.4 14.6 22.0

153 13.5 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: 70.25 ng

RT: 9.19 min Scan# 665

Delta R.T. 0.01 min

Lab File: BF081307.D

Acq: 1 Sep 2015 16:47

Instrument :

BNA_F

ClientSampleId :

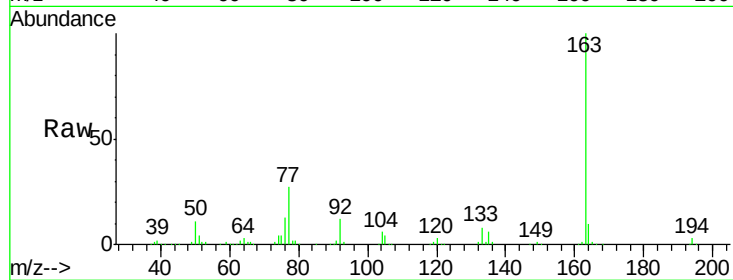
Tot Ion:163 Resp: 524520

Ion Ratio Lower Upper

163 100

194 3.1 4.4 6.6#

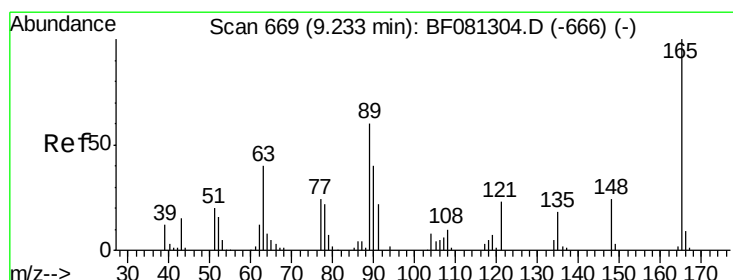
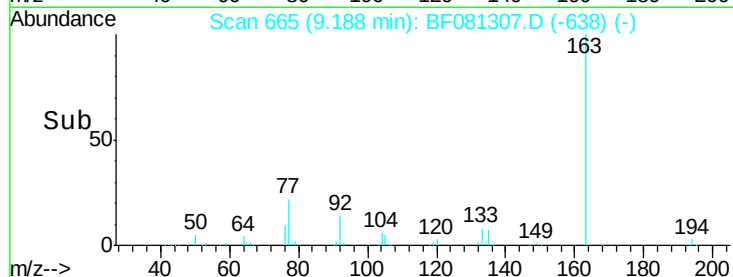
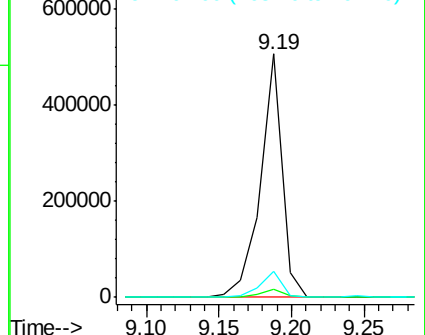
164 10.4 8.3 12.5



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 82.82 ng

RT: 9.24 min Scan# 670

Delta R.T. 0.01 min

Lab File: BF081307.D

Acq: 1 Sep 2015 16:47

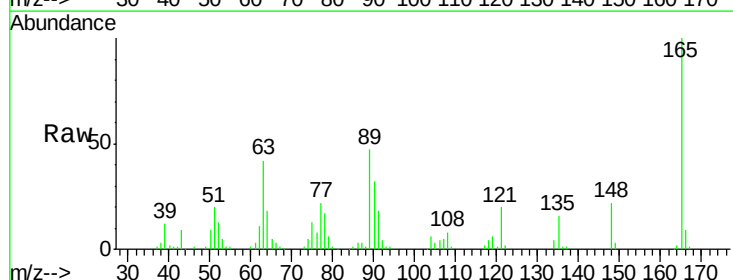
Tgt Ion:165 Resp: 137206

Ion Ratio Lower Upper

165 100

63 42.2 32.3 48.5

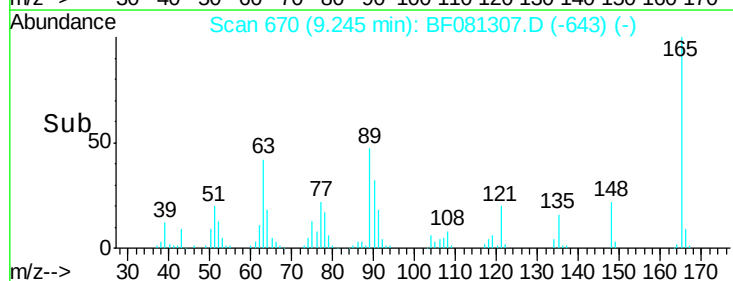
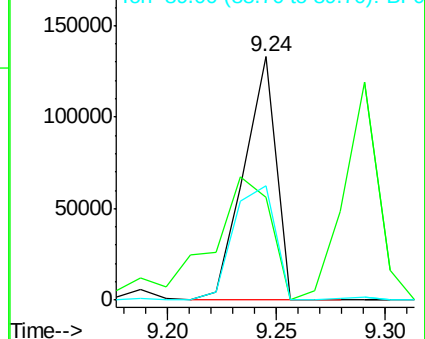
89 47.2 28.6 43.0#

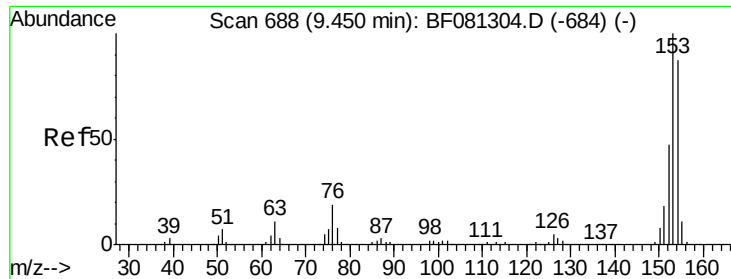


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 76.39 ng

RT: 9.46 min Scan# 689

Delta R.T. 0.01 min

Lab File: BF081307.D

Acq: 1 Sep 2015 16:47

Instrument :

BNA_F

ClientSampleId :

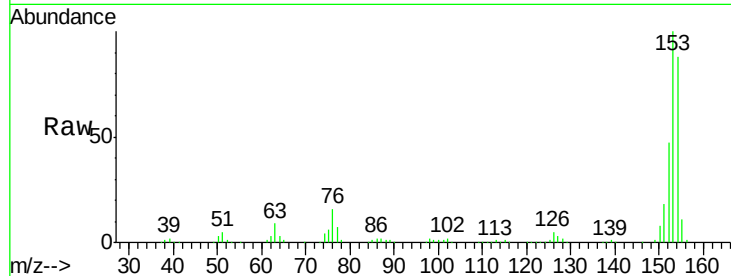
Tot Ion:154 Resp: 486768

Ion Ratio Lower Upper

154 100

153 113.7 82.1 123.1

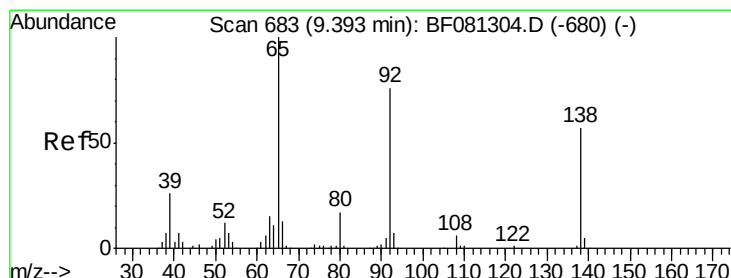
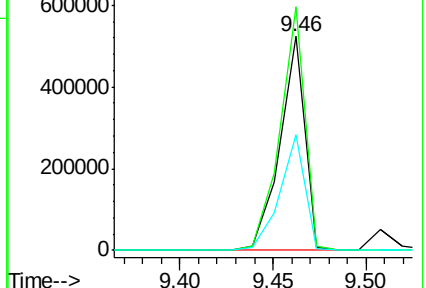
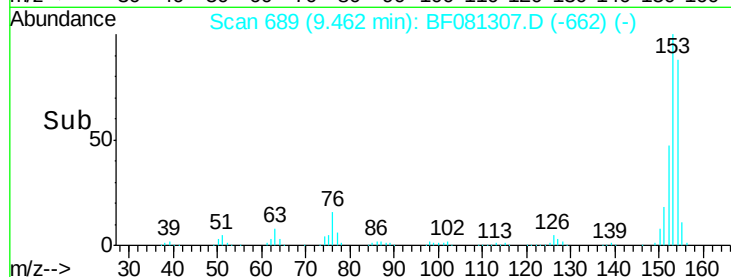
152 54.0 37.9 56.9



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: 73.79 ng

RT: 9.40 min Scan# 684

Delta R.T. 0.01 min

Lab File: BF081307.D

Acq: 1 Sep 2015 16:47

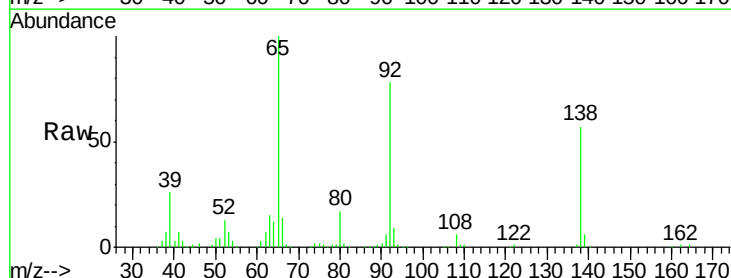
Tgt Ion:138 Resp: 141444

Ion Ratio Lower Upper

138 100

108 10.8 5.7 8.5#

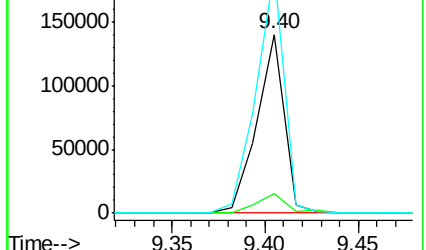
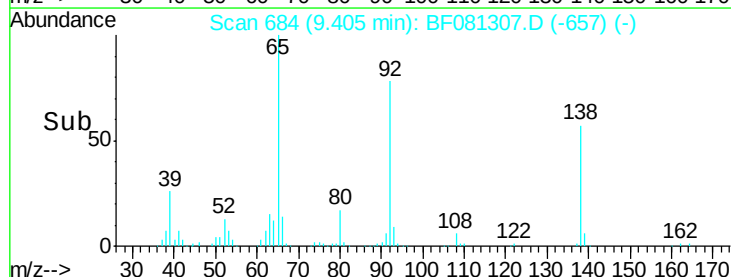
92 136.2 67.7 101.5#

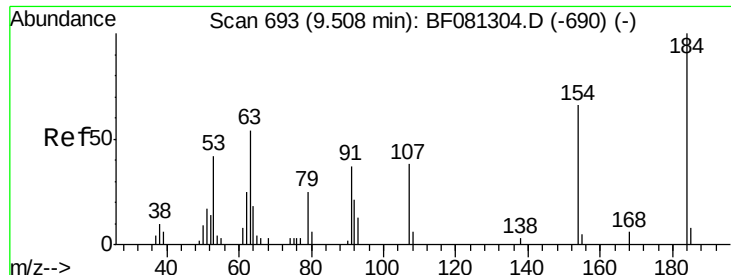


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

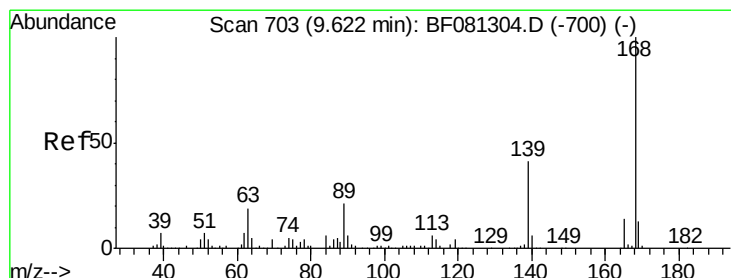
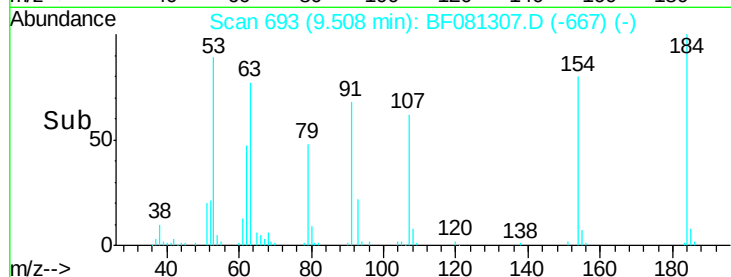
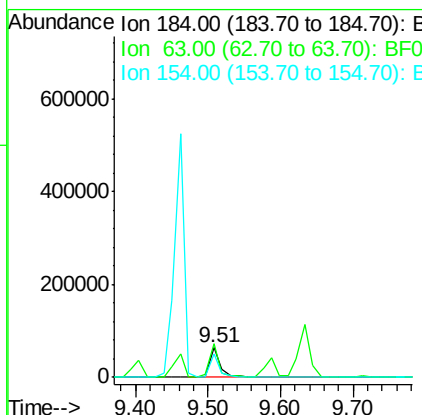
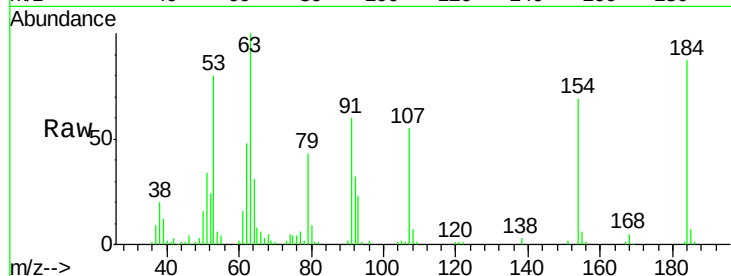




#53
2,4-Dinitrophenol
Concen: 101.17 ng
RT: 9.51 min Scan# 693
Delta R.T. 0.00 min
Lab File: BF081307.D
Acq: 1 Sep 2015 16:47

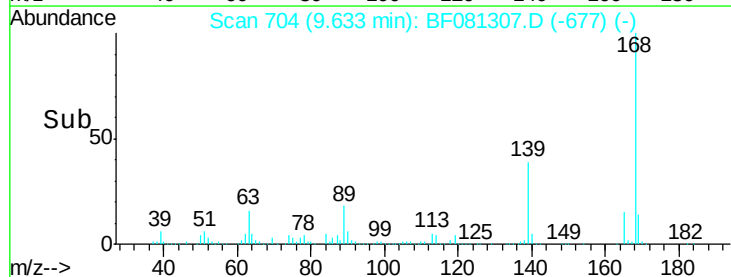
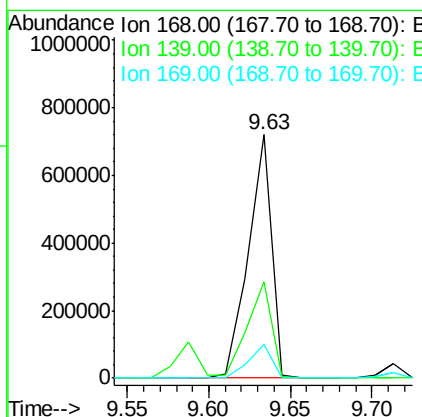
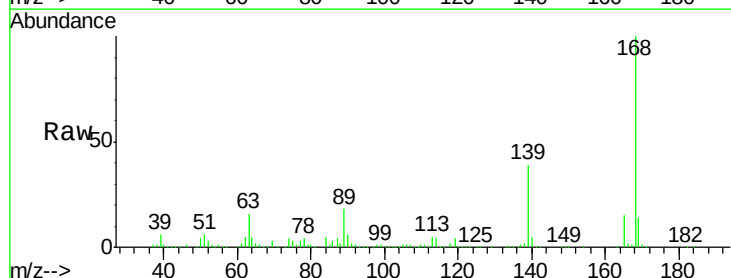
Instrument :
BNA_F
ClientSampled :

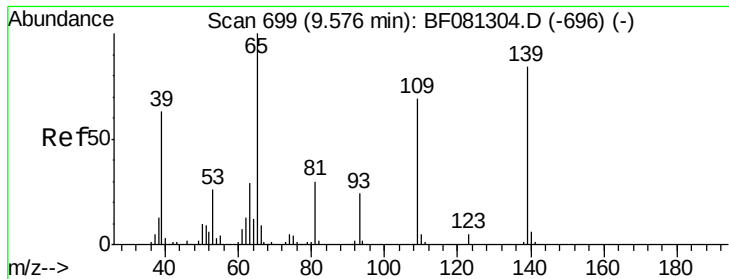
Tot Ion:184 Resp: 67954
Ion Ratio Lower Upper
184 100
63 115.6 35.4 53.2#
154 80.1 32.2 48.4#



#54
Dibenzofuran
Concen: 76.51 ng
RT: 9.63 min Scan# 704
Delta R.T. 0.01 min
Lab File: BF081307.D
Acq: 1 Sep 2015 16:47

Tgt Ion:168 Resp: 711736
Ion Ratio Lower Upper
168 100
139 39.5 24.2 36.2#
169 13.6 10.6 15.8





#55

4-Nitrophenol

Concen: 86.89 ng

RT: 9.59 min Scan# 700

Delta R.T. 0.01 min

Lab File: BF081307.D

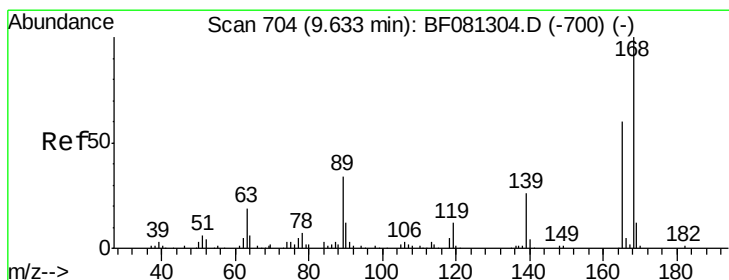
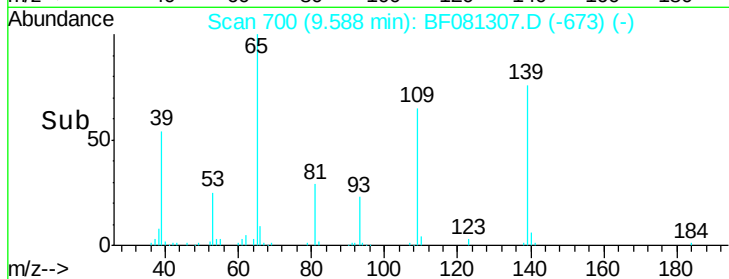
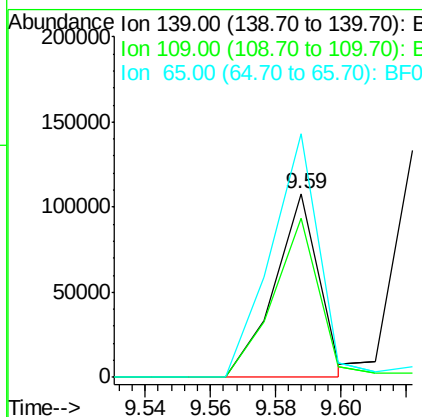
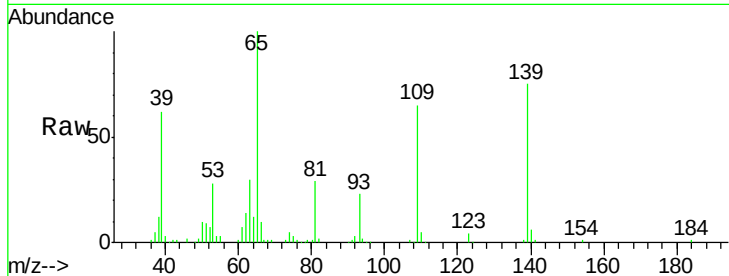
Acq: 1 Sep 2015 16:47

Instrument :

BNA_F

ClientSampleId :

Tot Ion:	139	Resp:	102215
Ion	Ratio	Lower	Upper
139	100		
109	86.5	12.7	52.7#
65	132.7	45.9	85.9#



#56

2,4-Dinitrotoluene

Concen: 75.97 ng

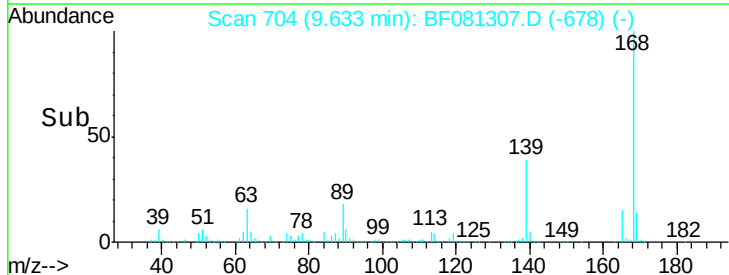
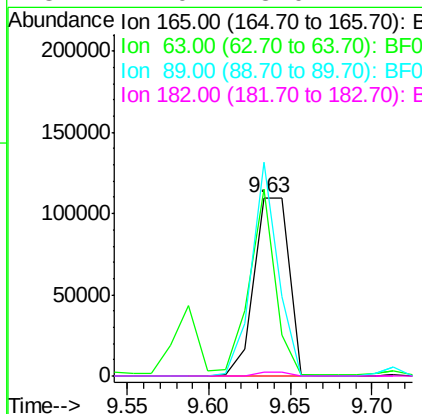
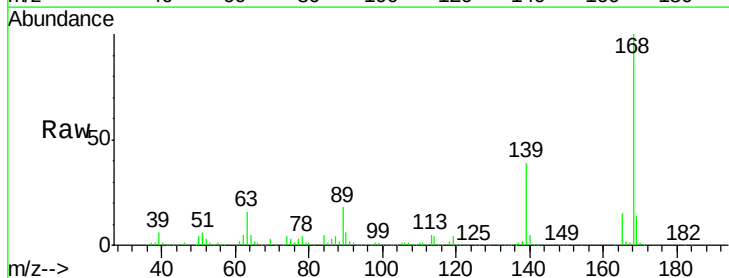
RT: 9.63 min Scan# 704

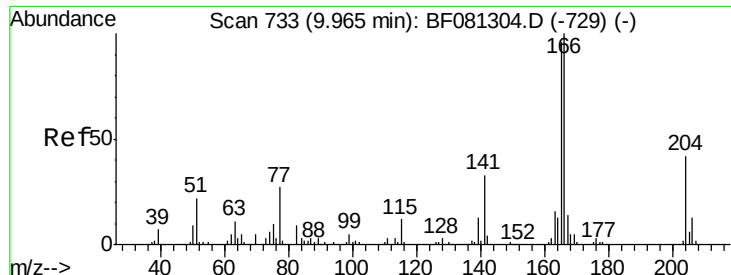
Delta R.T. 0.00 min

Lab File: BF081307.D

Acq: 1 Sep 2015 16:47

Tgt Ion:	165	Resp:	162231
Ion	Ratio	Lower	Upper
165	100		
63	104.6	29.8	44.6#
89	119.9	44.5	66.7#
182	2.0	3.0	4.4#

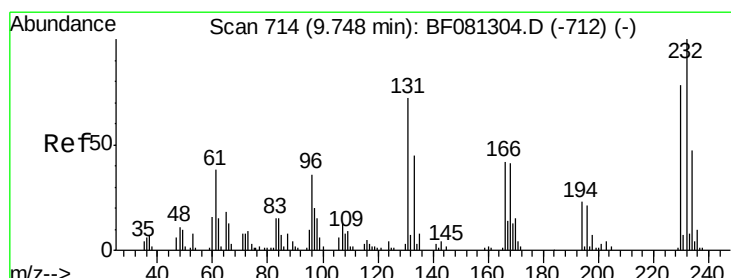
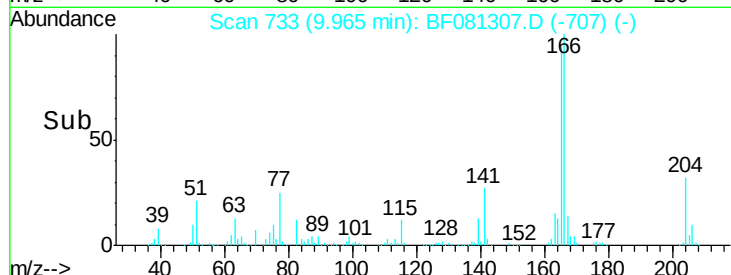
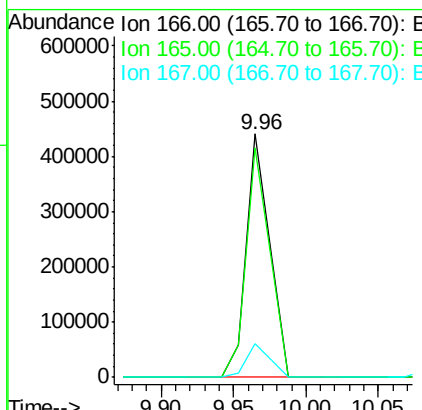
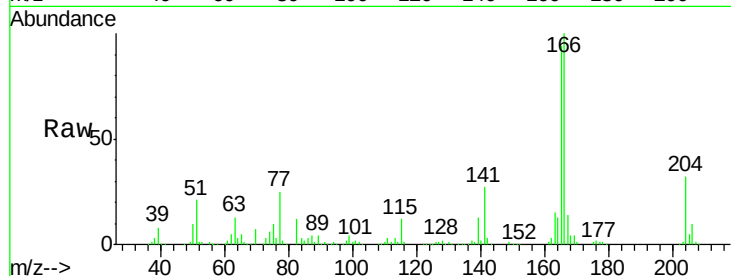




#57
 Fluorene
 Concen: 69.26 ng
 RT: 9.96 min Scan# 733
 Delta R.T. 0.00 min
 Lab File: BF081307.D
 Acq: 1 Sep 2015 16:47

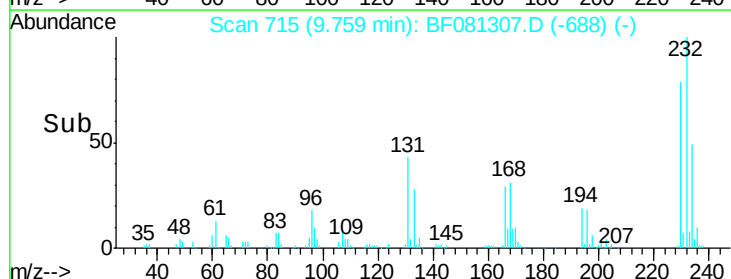
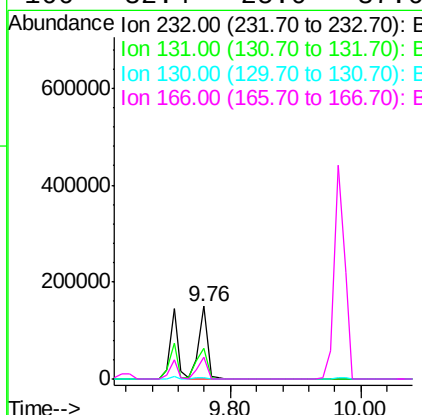
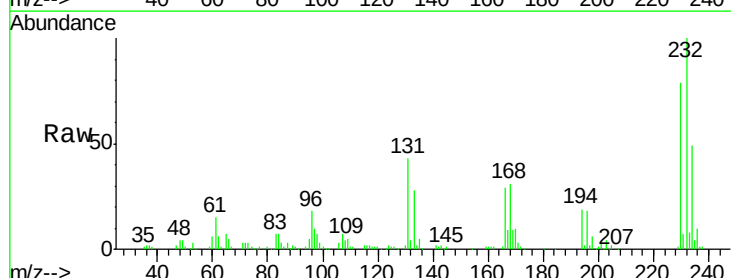
Instrument :
 BNA_F
 ClientSampleId :

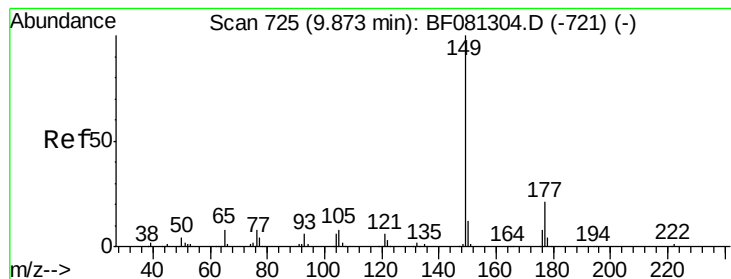
Tot Ion:166 Resp: 495392
 Ion Ratio Lower Upper
 166 100
 165 94.4 72.6 109.0
 167 14.1 10.6 16.0



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 88.74 ng
 RT: 9.76 min Scan# 715
 Delta R.T. 0.01 min
 Lab File: BF081307.D
 Acq: 1 Sep 2015 16:47

Tgt Ion:232 Resp: 140259
 Ion Ratio Lower Upper
 232 100
 131 51.3 38.5 57.7
 130 2.3 1.8 2.6
 166 32.4 25.0 37.6





#59

Diethylphthalate

Concen: 65.02 ng

RT: 9.87 min Scan# 725

Delta R.T. 0.00 min

Lab File: BF081307.D

Acq: 1 Sep 2015 16:47

Instrument :

BNA_F

ClientSampleId :

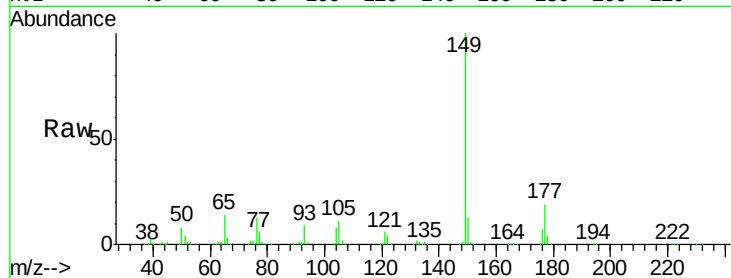
Tot Ion:149 Resp: 515558

Ion Ratio Lower Upper

149 100

177 18.8 17.5 26.3

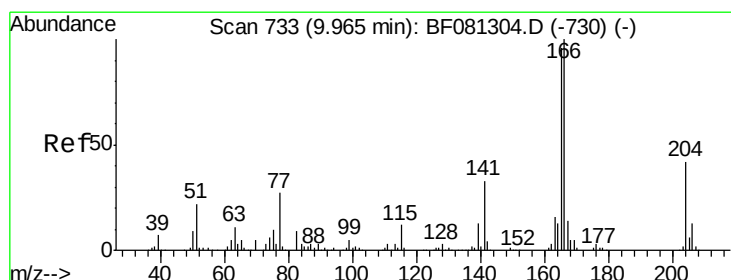
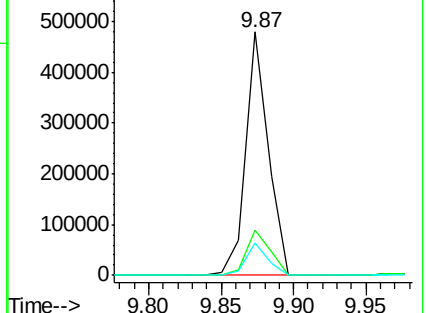
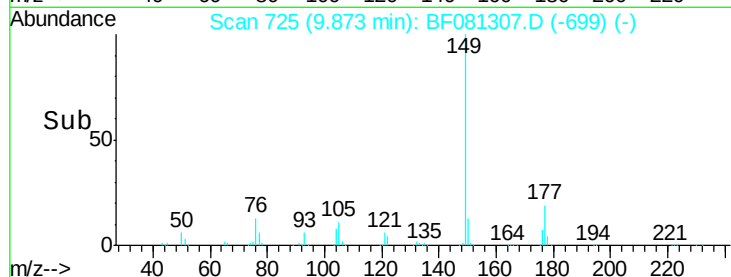
150 13.1 9.4 14.2



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: 73.63 ng

RT: 9.98 min Scan# 734

Delta R.T. 0.01 min

Lab File: BF081307.D

Acq: 1 Sep 2015 16:47

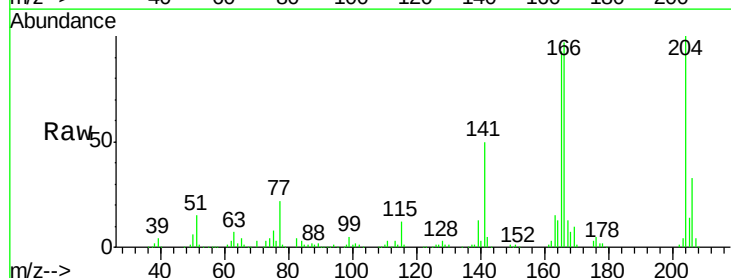
Tgt Ion:204 Resp: 254679

Ion Ratio Lower Upper

204 100

206 33.5 24.8 37.2

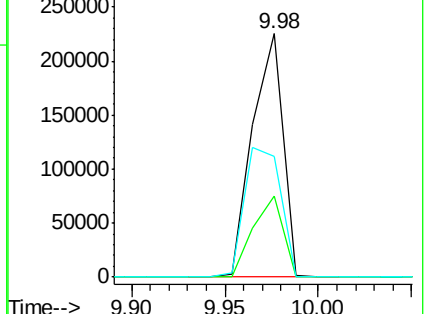
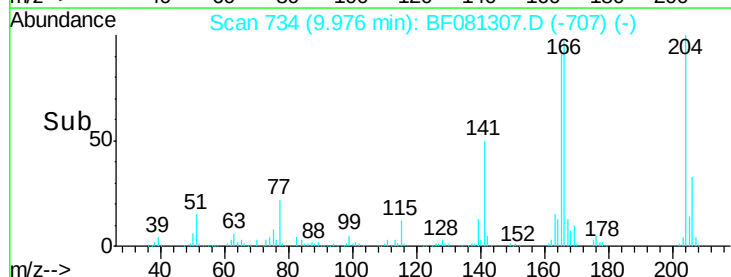
141 49.5 42.2 63.4

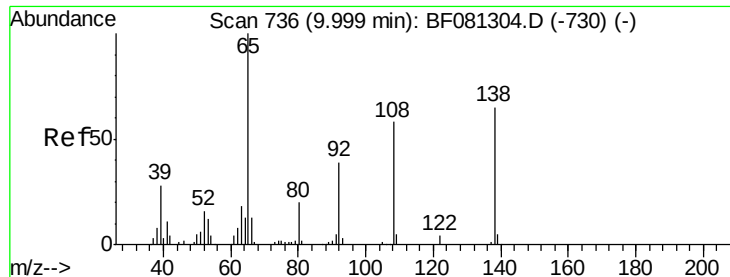


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 75.46 ng

RT: 10.02 min Scan# 738

Delta R.T. 0.02 min

Lab File: BF081307.D

Acq: 1 Sep 2015 16:47

Instrument :

BNA_F

ClientSampleId :

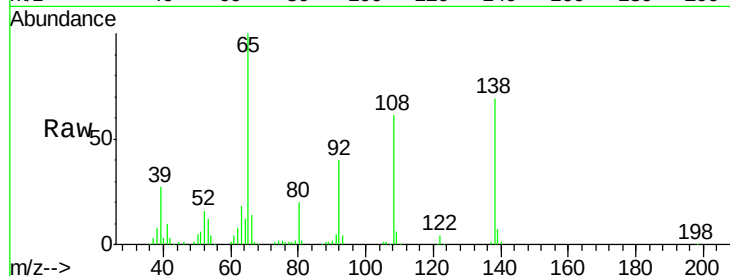
Tot Ion:138 Resp: 145688

Ion Ratio Lower Upper

138 100

92 58.2 12.6 52.6#

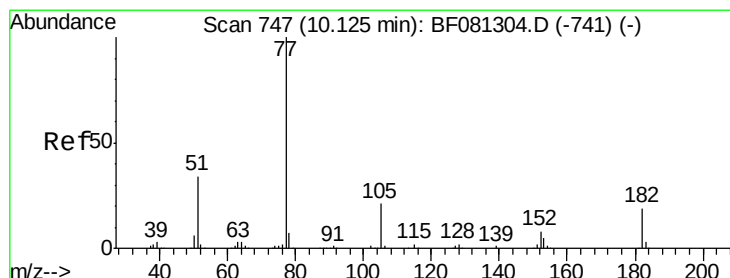
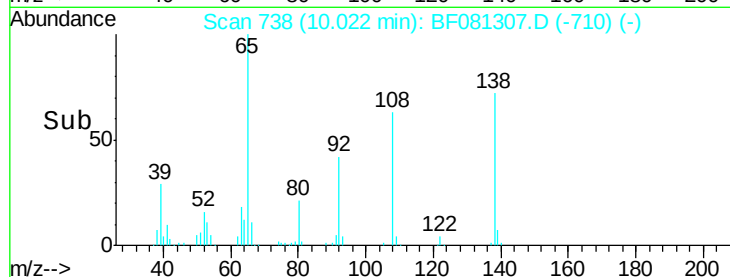
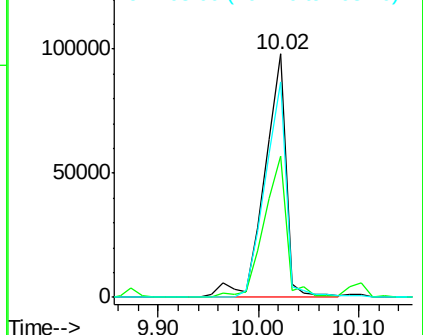
108 88.5 12.4 52.4#



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: 68.96 ng

RT: 10.12 min Scan# 747

Delta R.T. 0.00 min

Lab File: BF081307.D

Acq: 1 Sep 2015 16:47

Tgt Ion: 77 Resp: 603541

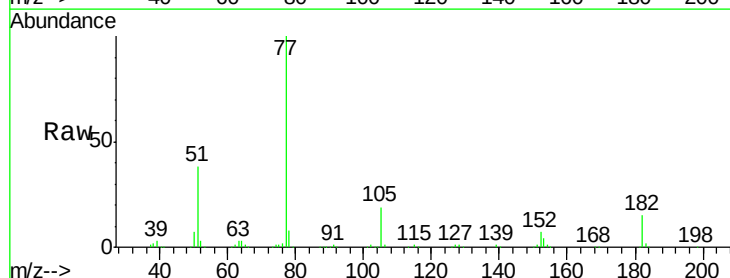
Ion Ratio Lower Upper

77 100

182 14.5 15.1 55.1#

105 19.4 3.4 43.4

51 37.7 12.0 52.0

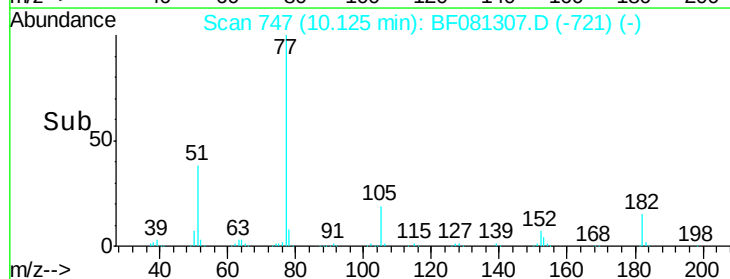
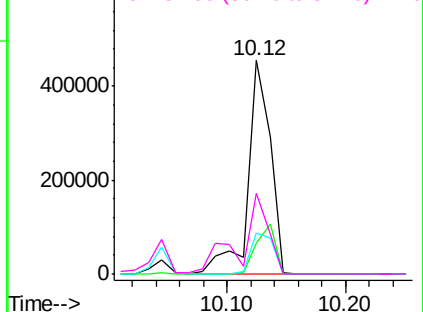


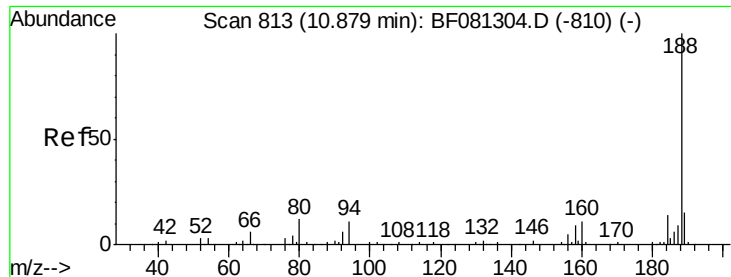
Abundance Ion 77.00 (76.70 to 77.70): BF0

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

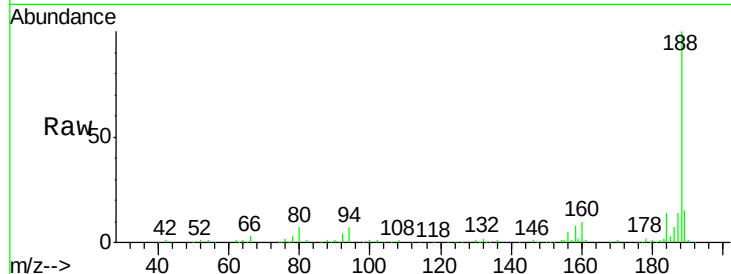




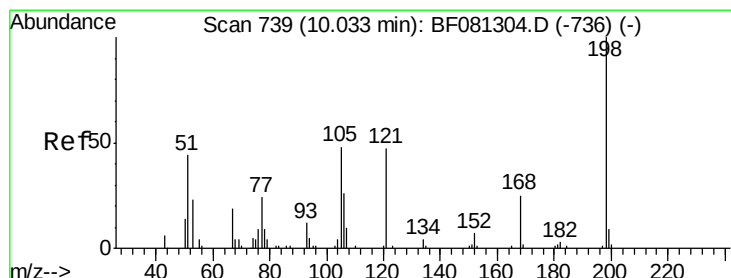
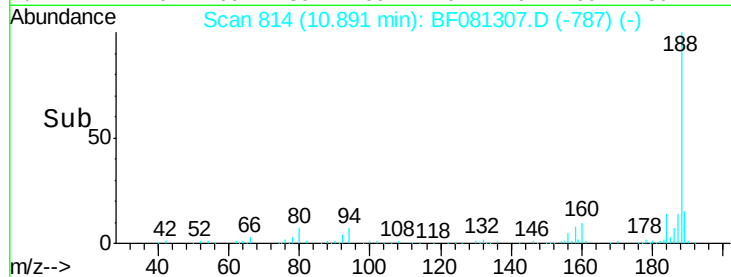
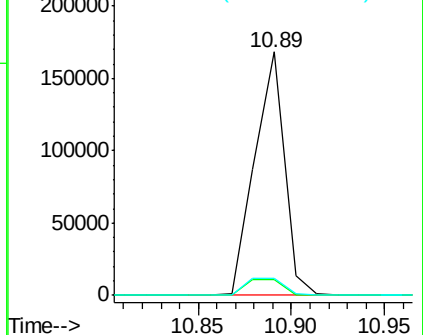
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 10.89 min Scan# 814
 Delta R.T. 0.01 min
 Lab File: BF081307.D
 Acq: 1 Sep 2015 16:47

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:188 Resp: 185785
 Ion Ratio Lower Upper
 188 100
 94 6.6 11.1 16.7#
 80 7.2 11.0 16.4#

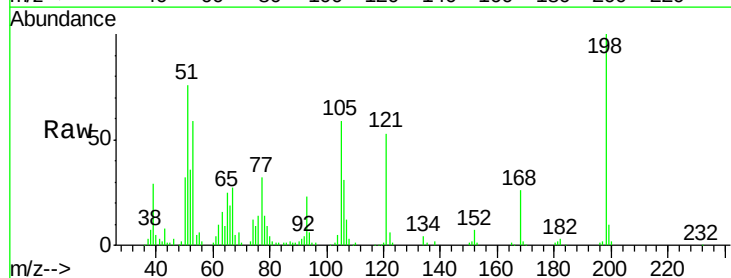


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

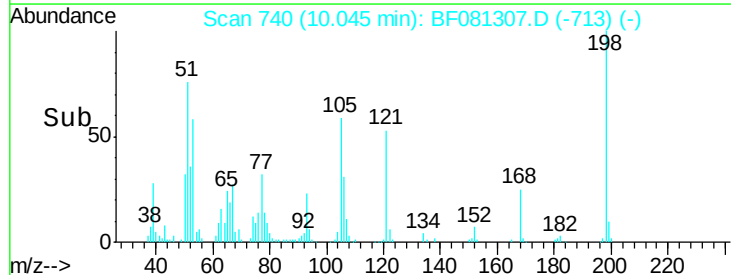
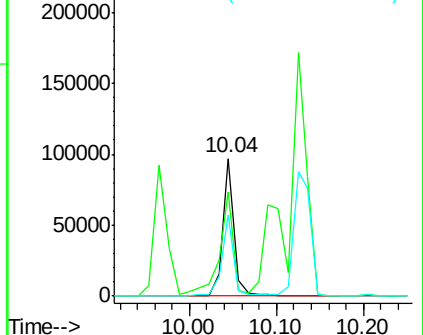


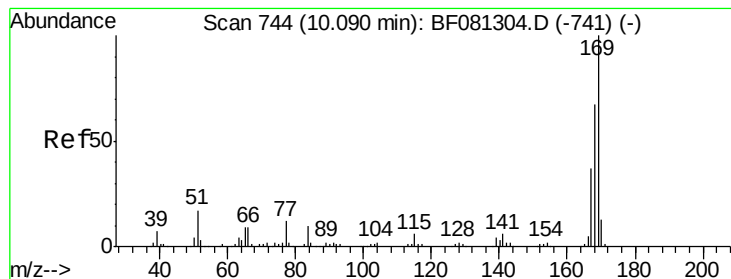
#64
 4,6-Dinitro-2-methylphenol
 Concen: 88.01 ng
 RT: 10.04 min Scan# 740
 Delta R.T. 0.01 min
 Lab File: BF081307.D
 Acq: 1 Sep 2015 16:47

Tgt Ion:198 Resp: 89957
 Ion Ratio Lower Upper
 198 100
 51 75.8 39.6 79.6
 105 58.7 28.5 68.5



Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF0
 Ion 105.00 (104.70 to 105.70): E

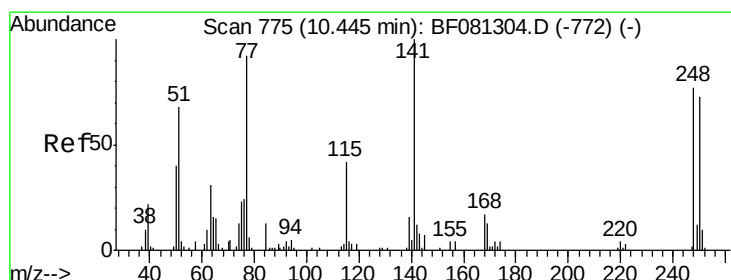
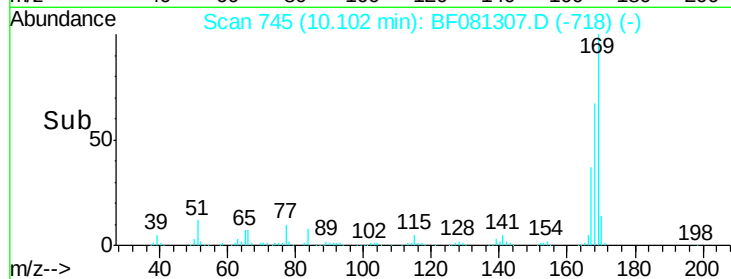
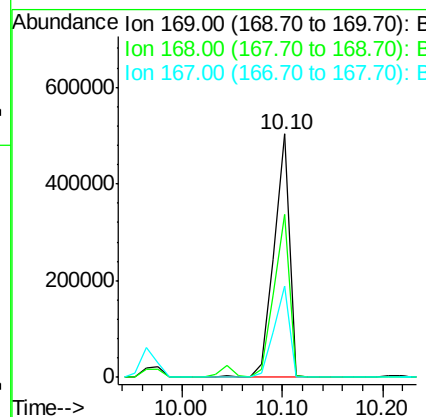
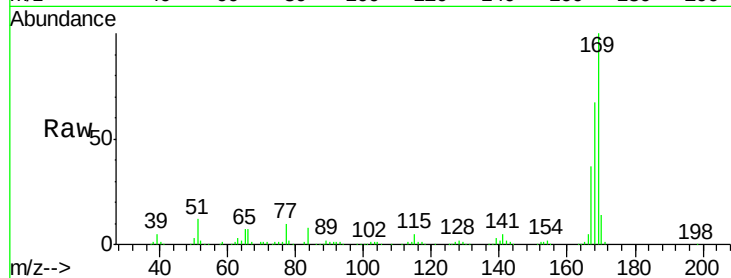




#65
 n-Nitrosodiphenylamine
 Concen: 79.28 ng
 RT: 10.10 min Scan# 745
 Delta R.T. 0.01 min
 Lab File: BF081307.D
 Acq: 1 Sep 2015 16:47

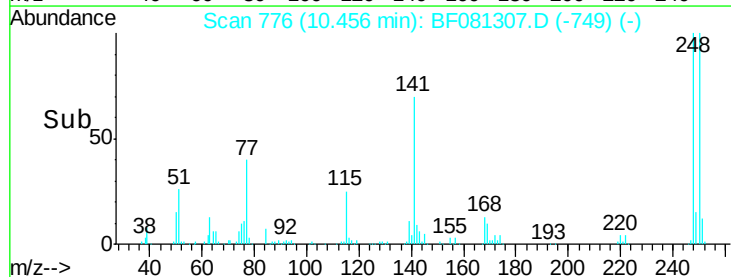
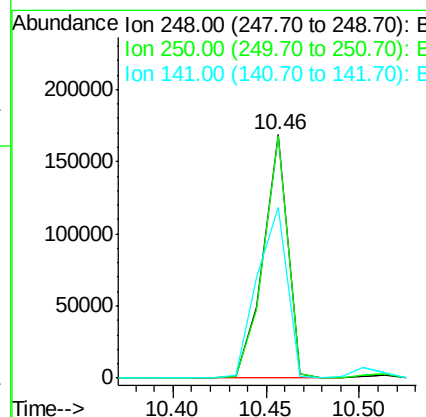
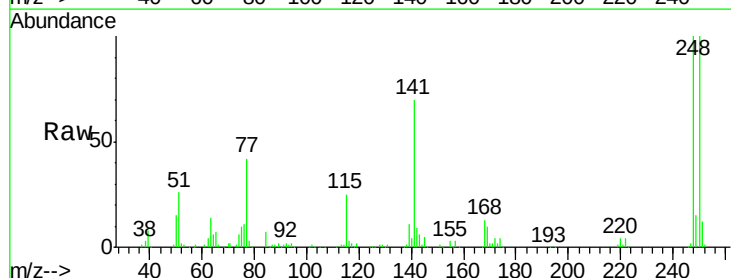
Instrument :
 BNA_F
 ClientSampleId :

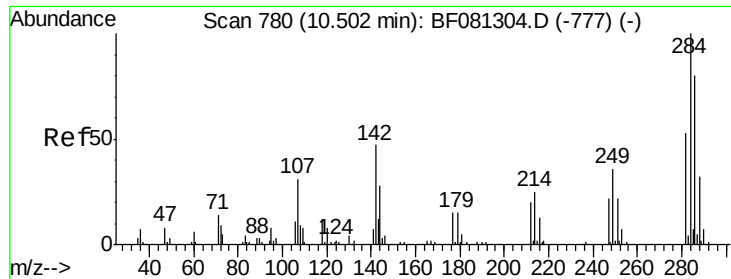
Tot Ion:169 Resp: 536669
 Ion Ratio Lower Upper
 169 100
 168 67.1 48.9 73.3
 167 37.4 26.2 39.4



#66
 4-Bromophenyl-phenylether
 Concen: 81.51 ng
 RT: 10.46 min Scan# 776
 Delta R.T. 0.01 min
 Lab File: BF081307.D
 Acq: 1 Sep 2015 16:47

Tgt Ion:248 Resp: 152716
 Ion Ratio Lower Upper
 248 100
 250 99.5 78.5 117.7
 141 70.1 59.0 88.6

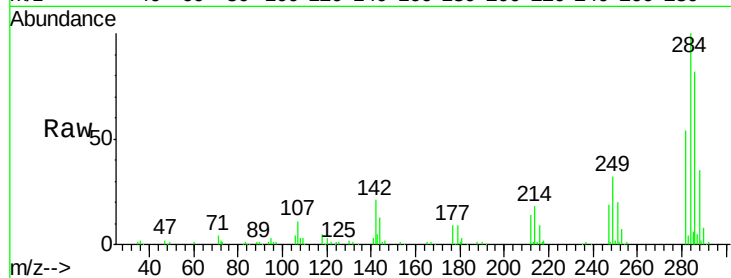




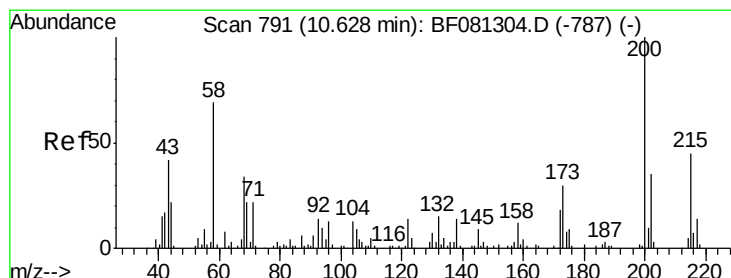
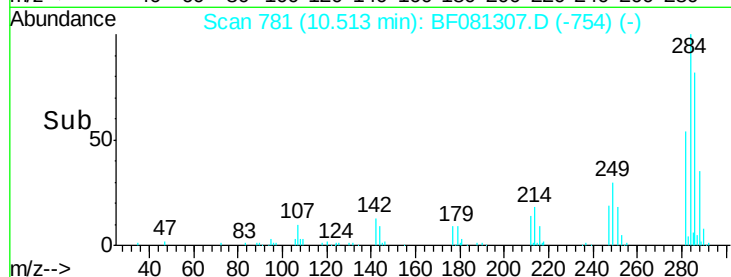
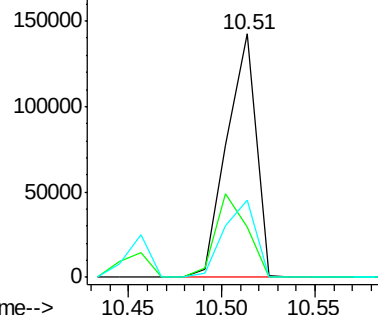
#67
Hexachlorobenzene
Concen: 78.40 ng
RT: 10.51 min Scan# 781
Delta R.T. 0.01 min
Lab File: BF081307.D
Acq: 1 Sep 2015 16:47

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
284	100		
142	20.8	29.5	44.3#
249	31.6	19.5	29.3#

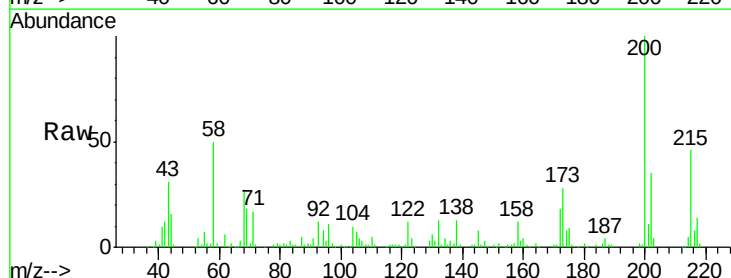


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

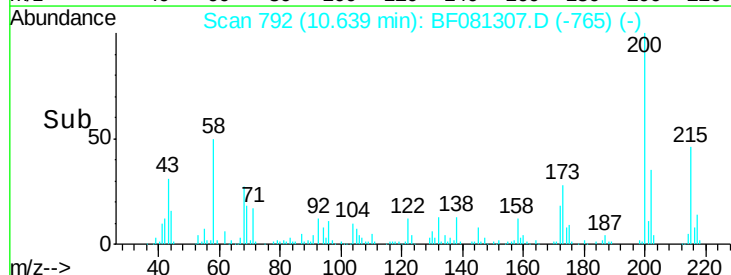
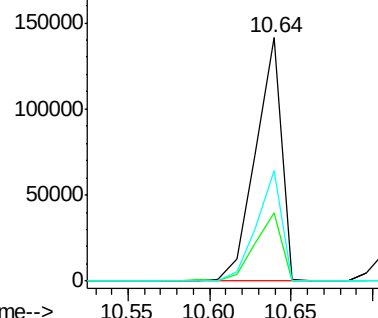


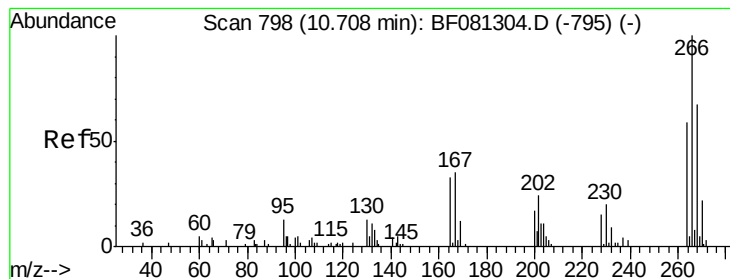
#68
Atrazine
Concen: 80.33 ng
RT: 10.64 min Scan# 792
Delta R.T. 0.01 min
Lab File: BF081307.D
Acq: 1 Sep 2015 16:47

Tgt Ion	Ratio	Lower	Upper
200	100		
173	28.2	13.2	53.2
215	45.6	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: 106.47 ng

RT: 10.71 min Scan# 798

Delta R.T. 0.00 min

Lab File: BF081307.D

Acq: 1 Sep 2015 16:47

Instrument :
BNA_F
ClientSampled :

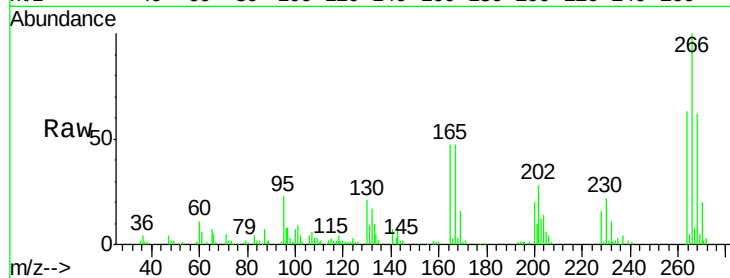
Tot Ion:266 Resp: 76947

Ion Ratio Lower Upper

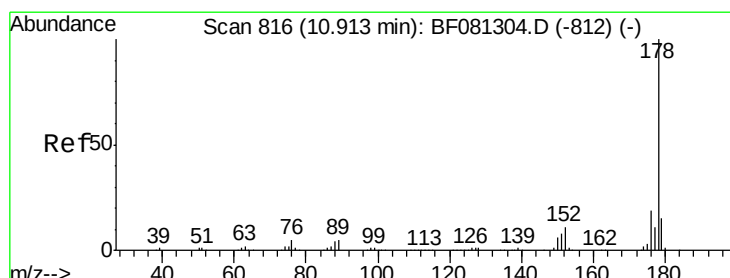
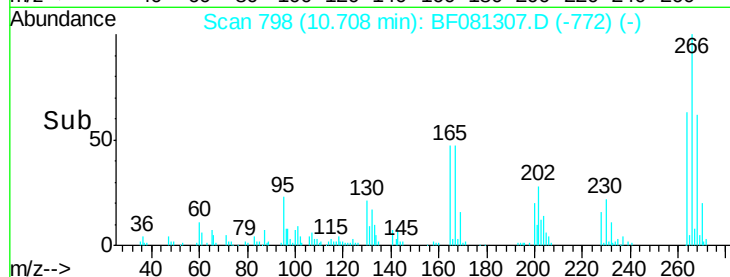
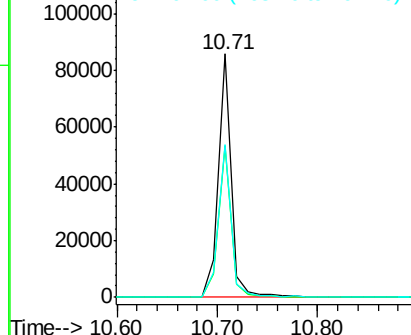
266 100

268 62.3 49.8 74.6

264 62.7 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: 65.86 ng

RT: 10.91 min Scan# 816

Delta R.T. 0.00 min

Lab File: BF081307.D

Acq: 1 Sep 2015 16:47

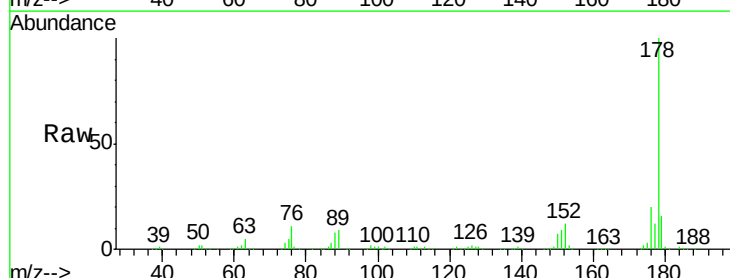
Tgt Ion:178 Resp: 697867

Ion Ratio Lower Upper

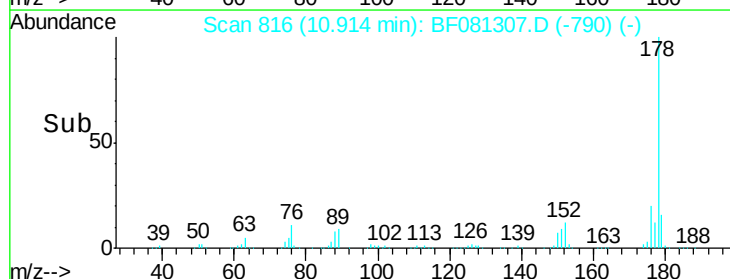
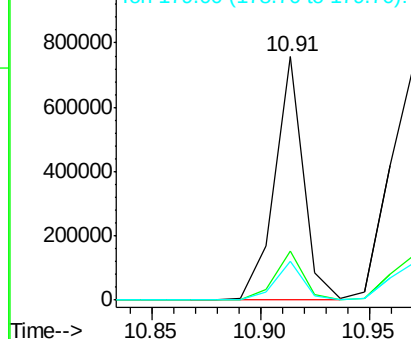
178 100

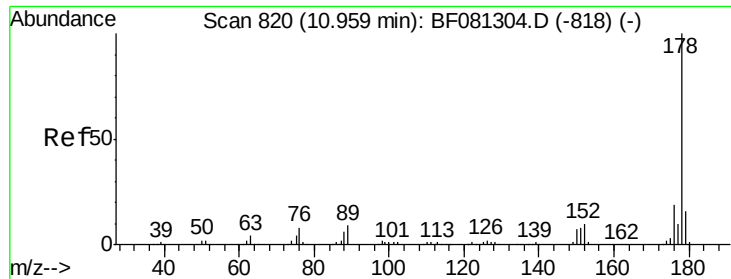
176 20.2 13.8 20.8

179 15.9 12.2 18.2



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

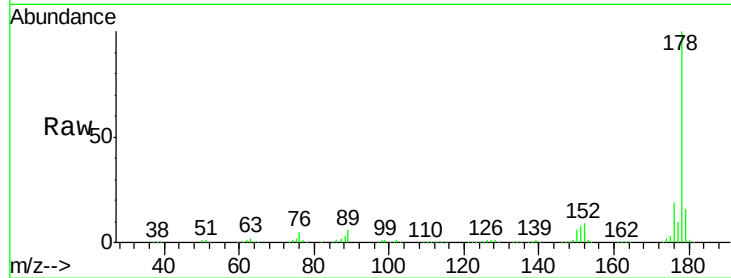




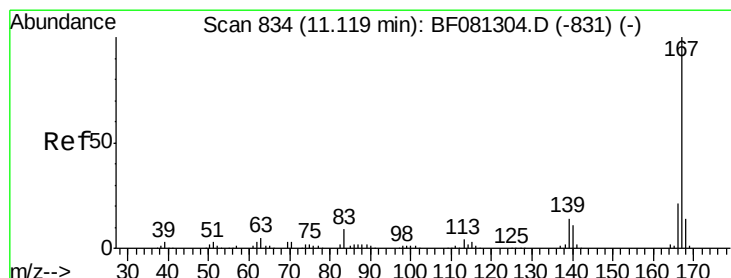
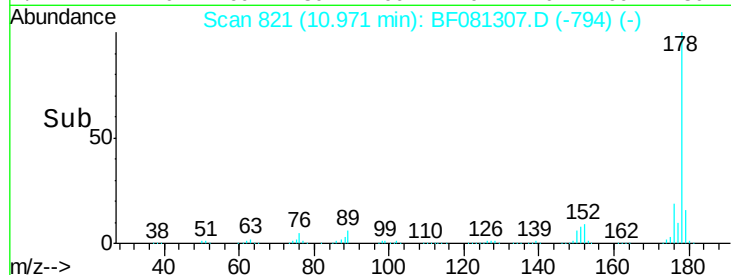
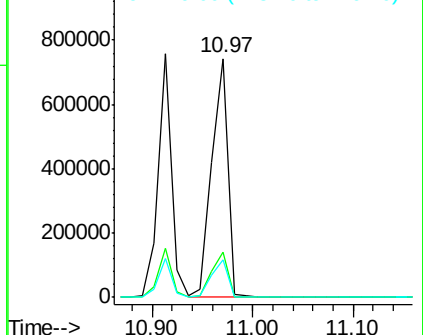
#71
 Anthracene
 Concen: 77.91 ng
 RT: 10.97 min Scan# 821
 Delta R.T. 0.01 min
 Lab File: BF081307.D
 Acq: 1 Sep 2015 16:47

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:178 Resp: 829814
 Ion Ratio Lower Upper
 178 100
 176 19.0 14.1 21.1
 179 15.6 12.2 18.2

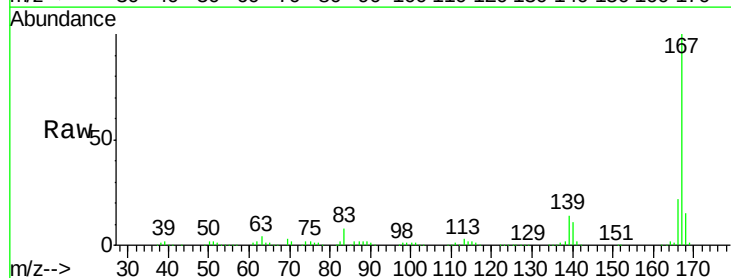


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

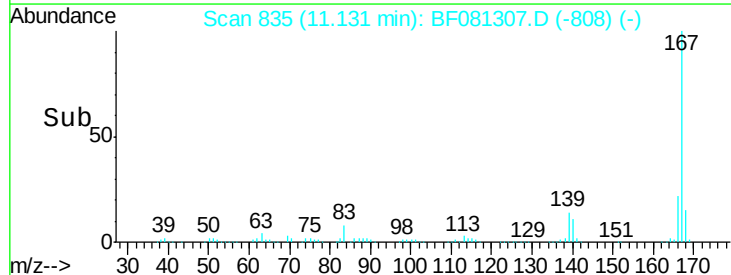
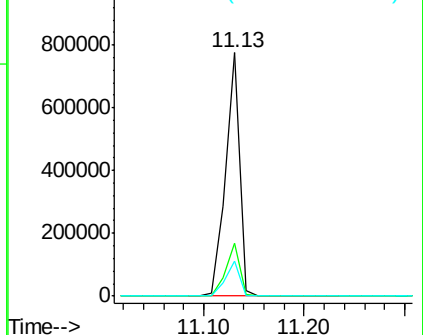


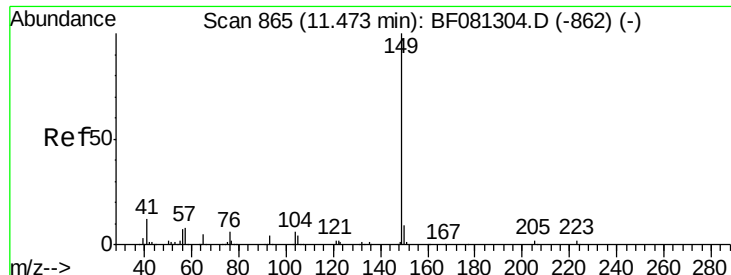
#72
 Carbazole
 Concen: 74.79 ng
 RT: 11.13 min Scan# 835
 Delta R.T. 0.01 min
 Lab File: BF081307.D
 Acq: 1 Sep 2015 16:47

Tgt Ion:167 Resp: 751757
 Ion Ratio Lower Upper
 167 100
 166 21.9 15.7 23.5
 139 14.2 9.5 14.3



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





#73

Di-n-butylphthalate

Concen: 80.86 ng

RT: 11.49 min Scan# 866

Delta R.T. 0.01 min

Lab File: BF081307.D

Acq: 1 Sep 2015 16:47

Instrument :

BNA_F

ClientSampleId :

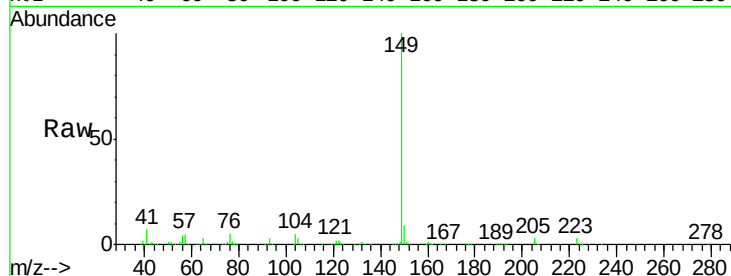
Tot Ion:149 Resp: 949311

Ion Ratio Lower Upper

149 100

150 9.4 7.4 11.2

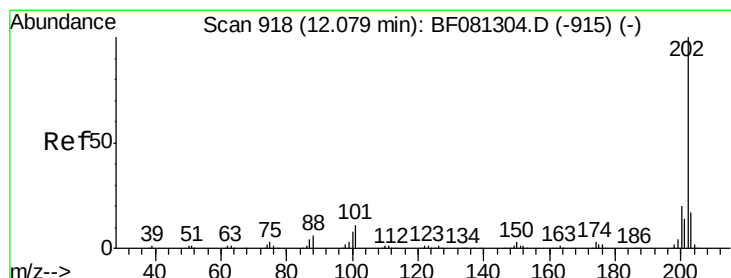
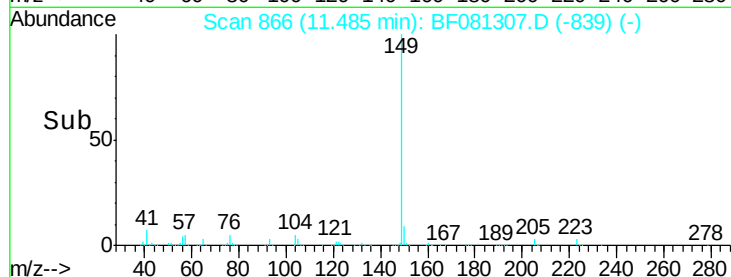
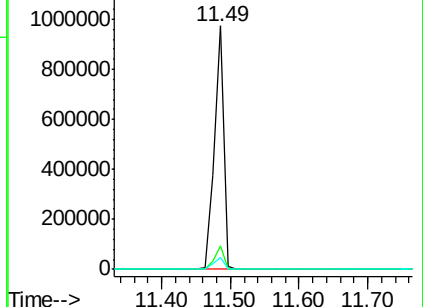
104 4.9 2.4 3.6#



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: 79.95 ng

RT: 12.09 min Scan# 919

Delta R.T. 0.01 min

Lab File: BF081307.D

Acq: 1 Sep 2015 16:47

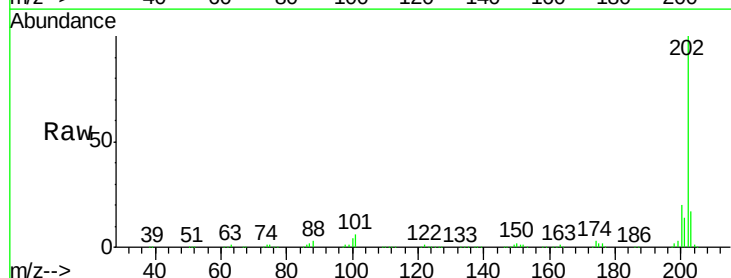
Tgt Ion:202 Resp: 894035

Ion Ratio Lower Upper

202 100

101 5.6 0.0 38.3

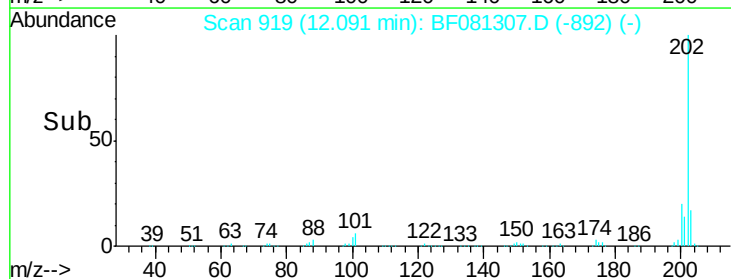
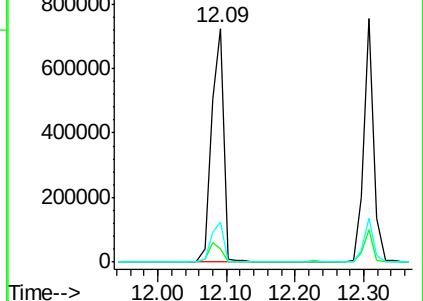
203 17.4 0.0 37.3

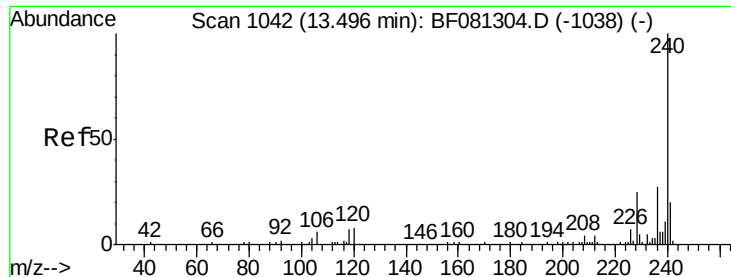


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.50 min Scan# 1042

Delta R.T. 0.00 min

Lab File: BF081307.D

Acq: 1 Sep 2015 16:47

Instrument :

BNA_F

ClientSampleId :

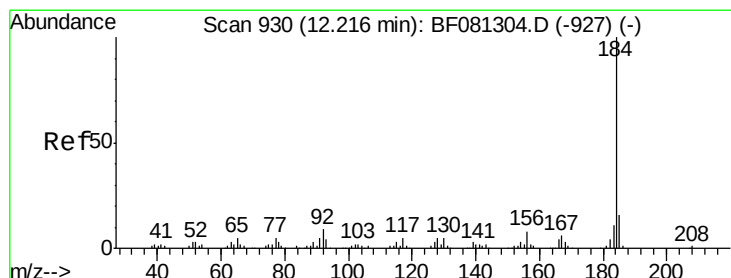
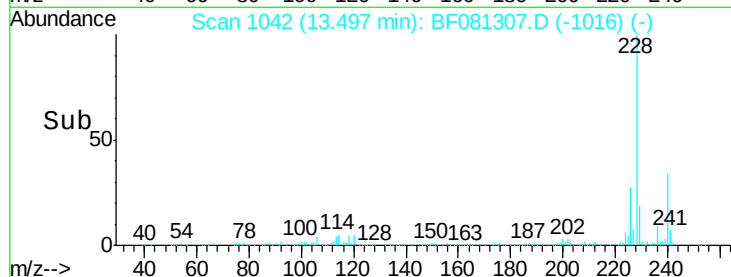
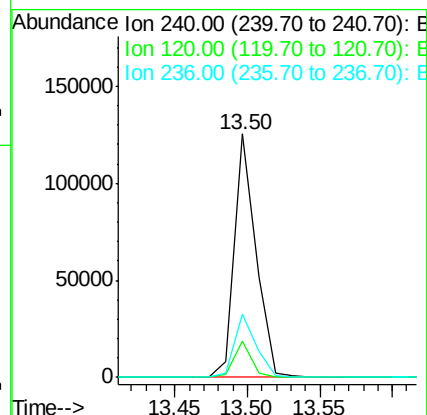
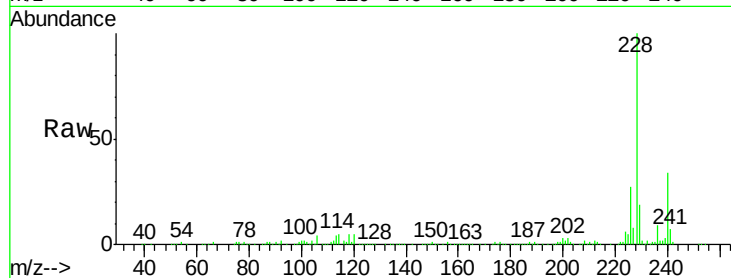
Tot Ion:240 Resp: 128856

Ion	Ratio	Lower	Upper
240	100		
120	14.9	16.2	24.2#
236	25.9	18.4	27.6

240 100

120 14.9 16.2 24.2#

236 25.9 18.4 27.6



#76

Benzidine

Concen: 85.64 ng

RT: 12.23 min Scan# 931

Delta R.T. 0.01 min

Lab File: BF081307.D

Acq: 1 Sep 2015 16:47

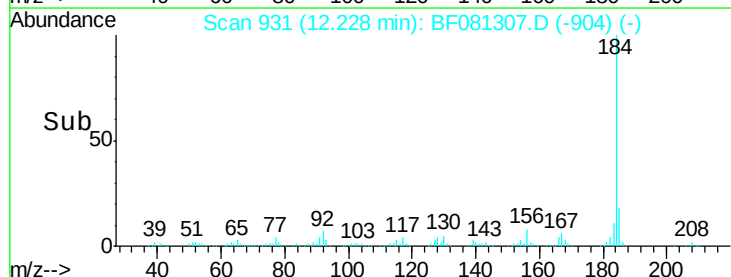
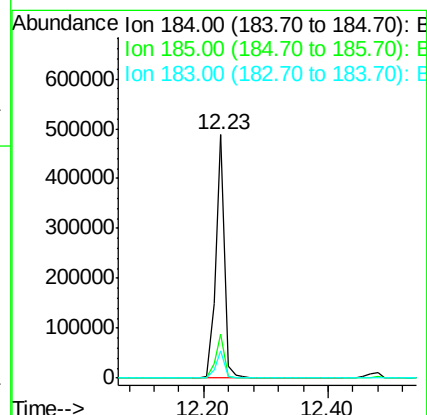
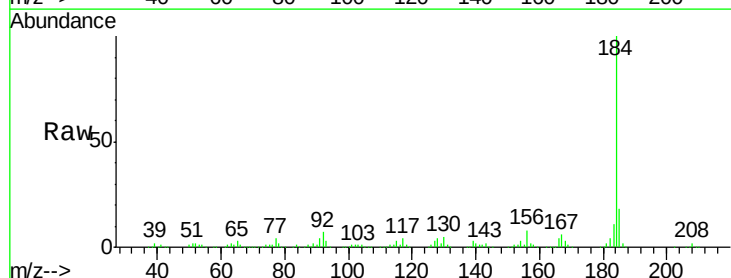
Tgt Ion:184 Resp: 469019

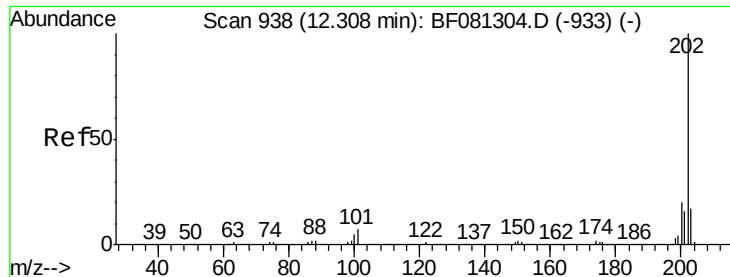
Ion	Ratio	Lower	Upper
184	100		
185	18.1	11.8	17.6#
183	11.3	7.6	11.4

184 100

185 18.1 11.8 17.6#

183 11.3 7.6 11.4

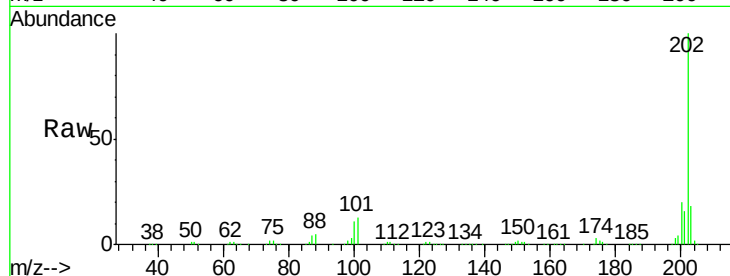




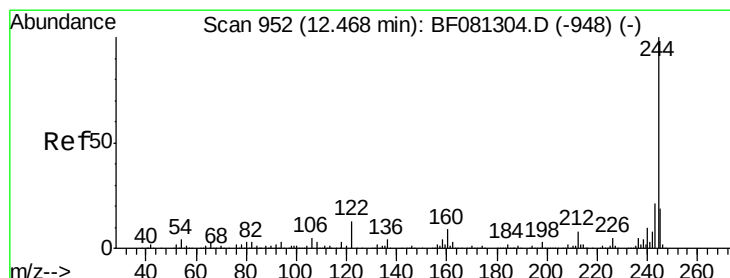
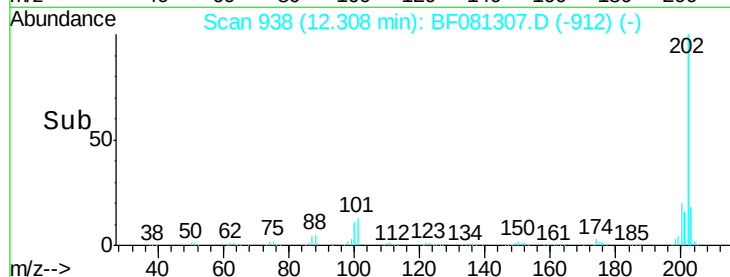
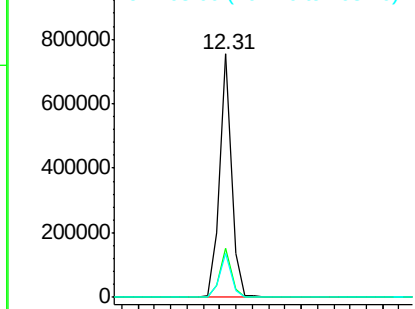
#77
Pvrene
Concen: 79.89 ng
RT: 12.31 min Scan# 938
Delta R.T. 0.00 min
Lab File: BF081307.D
Acq: 1 Sep 2015 16:47

Instrument :
BNA_F
ClientSampleId :

Tot Ion:202 Resp: 762715
Ion Ratio Lower Upper
202 100
200 20.3 15.0 22.4
203 18.2 14.1 21.1

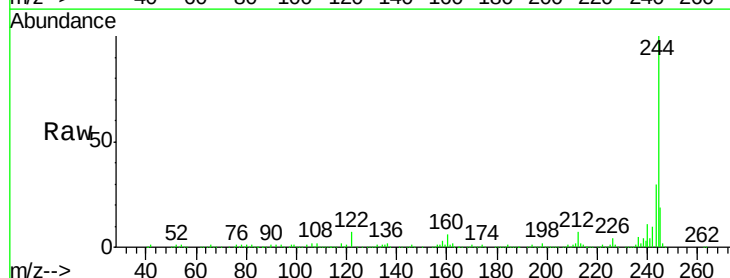


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

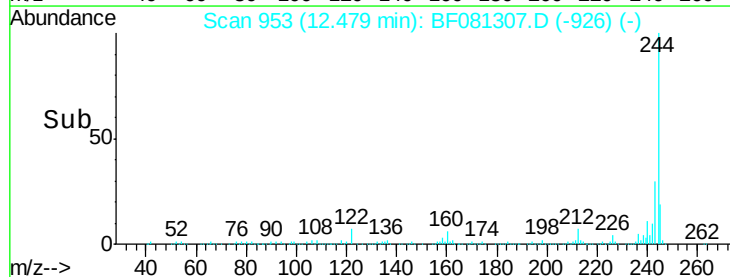
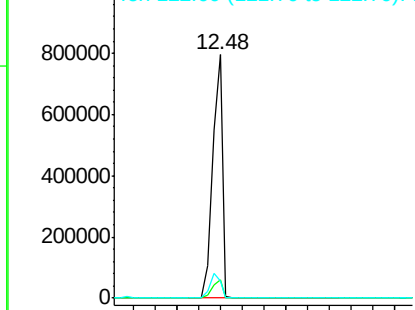


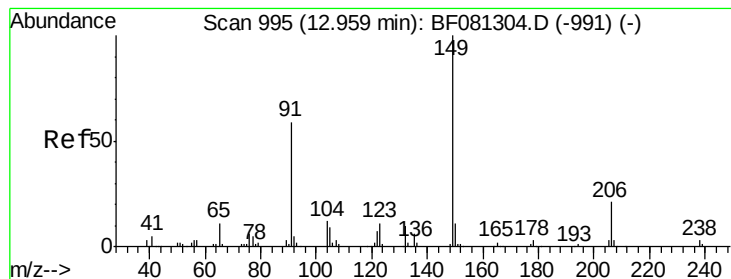
#78
Terphenyl-d14
Concen: 93.50 ng
RT: 12.48 min Scan# 953
Delta R.T. 0.01 min
Lab File: BF081307.D
Acq: 1 Sep 2015 16:47

Tgt Ion:244 Resp: 1010771
Ion Ratio Lower Upper
244 100
212 7.3 4.3 6.5#
122 7.1 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: 96.46 ng

RT: 12.96 min Scan# 995

Delta R.T. 0.00 min

Lab File: BF081307.D

Acq: 1 Sep 2015 16:47

Instrument :

BNA_F

ClientSampleId :

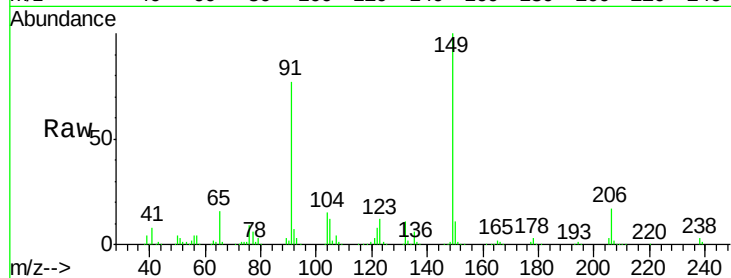
Tot Ion:149 Resp: 388991

Ion Ratio Lower Upper

149 100

91 76.8 48.6 72.8#

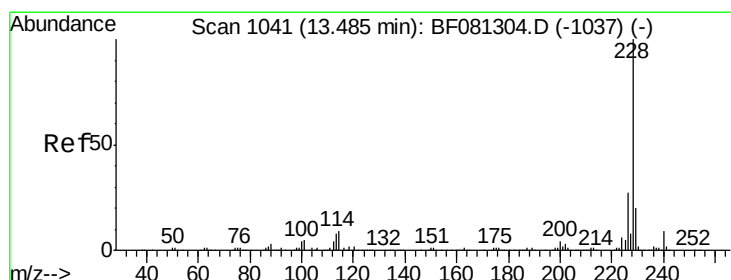
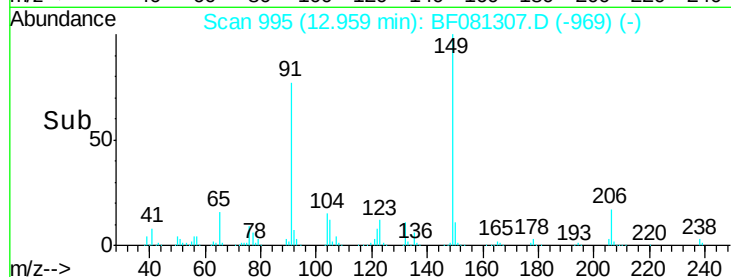
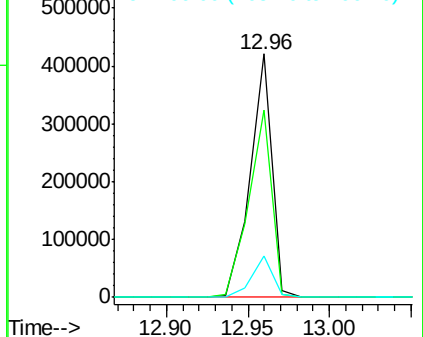
206 16.9 14.9 22.3



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: 85.62 ng

RT: 13.49 min Scan# 1041

Delta R.T. 0.00 min

Lab File: BF081307.D

Acq: 1 Sep 2015 16:47

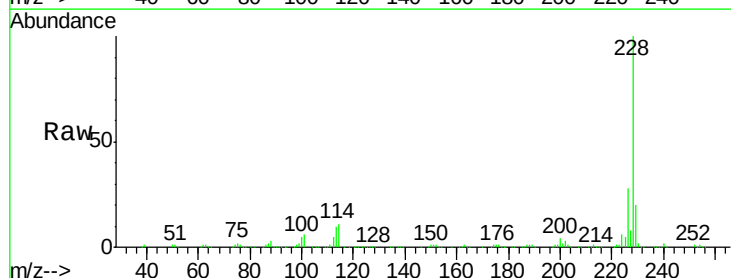
Tgt Ion:228 Resp: 695605

Ion Ratio Lower Upper

228 100

226 27.6 20.0 30.0

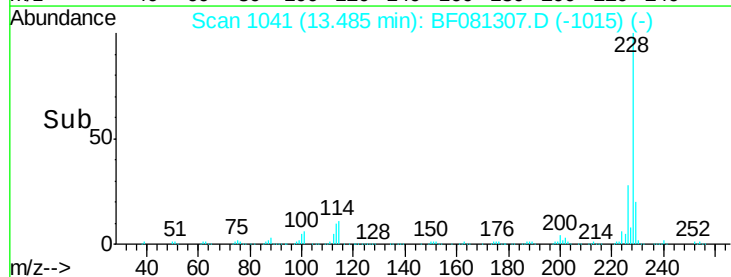
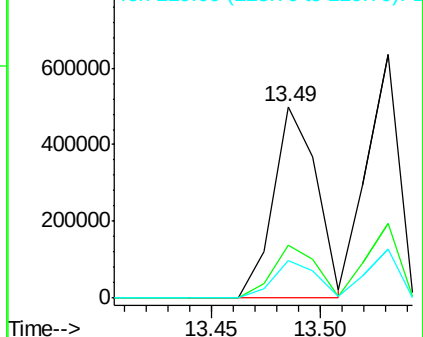
229 19.8 15.4 23.2

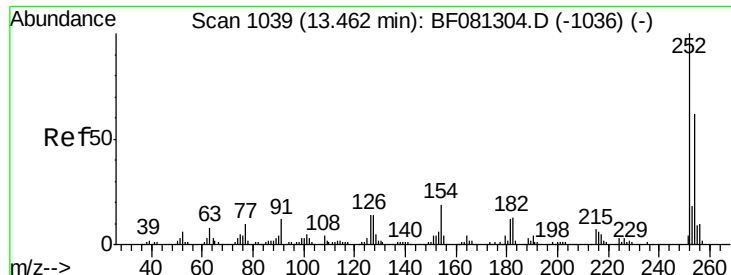


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

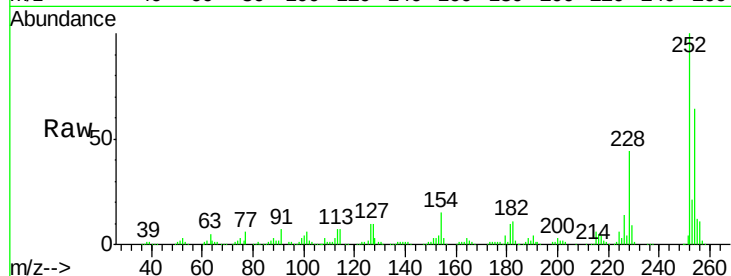




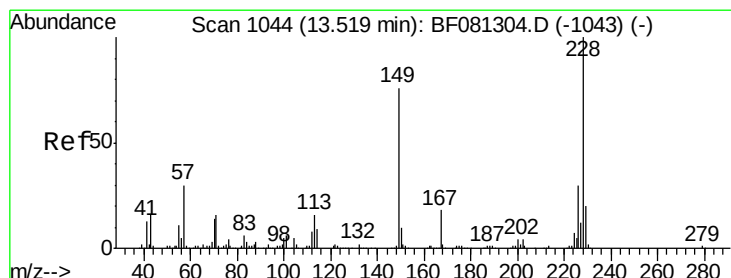
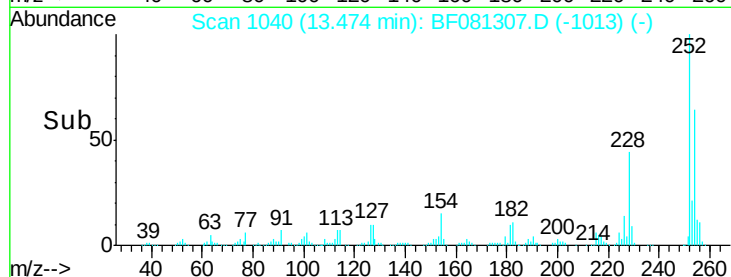
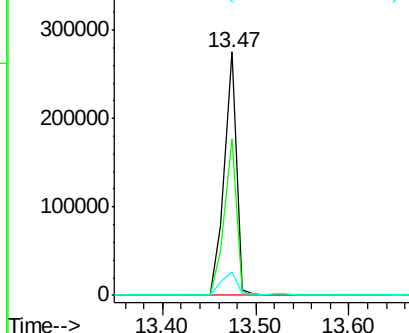
#81
 3,3'-Dichlorobenzidine
 Concen: 93.14 ng
 RT: 13.47 min Scan# 1040
 Delta R.T. 0.01 min
 Lab File: BF081307.D
 Acq: 1 Sep 2015 16:47

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
252	100		
254	64.4	51.4	77.2
126	9.7	16.4	24.6

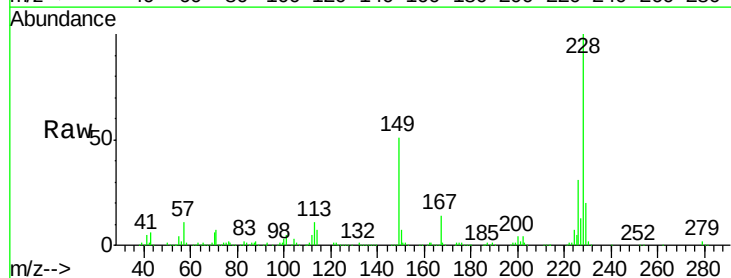


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

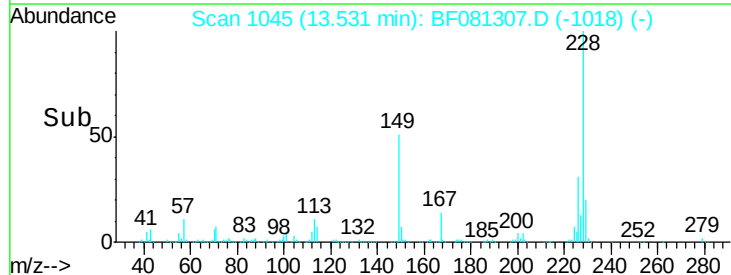
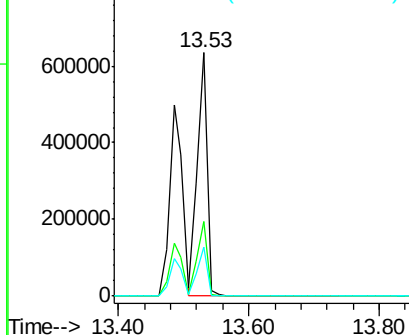


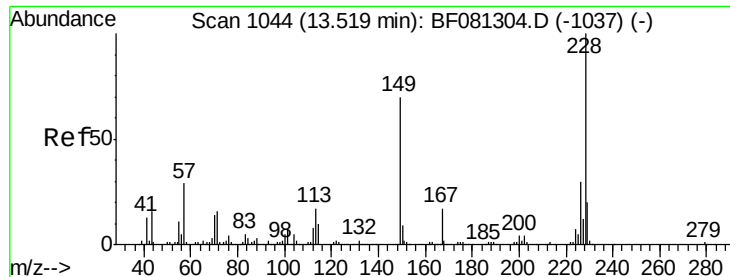
#82
 Chrysene
 Concen: 90.90 ng
 RT: 13.53 min Scan# 1045
 Delta R.T. 0.01 min
 Lab File: BF081307.D
 Acq: 1 Sep 2015 16:47

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.5	21.0	31.4
229	20.0	15.6	23.4



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





#83

Bis(2-ethylhexyl)phthalate

Concen: 87.84 ng

RT: 13.52 min Scan# 1044

Delta R.T. 0.00 min

Lab File: BF081307.D

Acq: 1 Sep 2015 16:47

Instrument :

BNA_F

ClientSampleId :

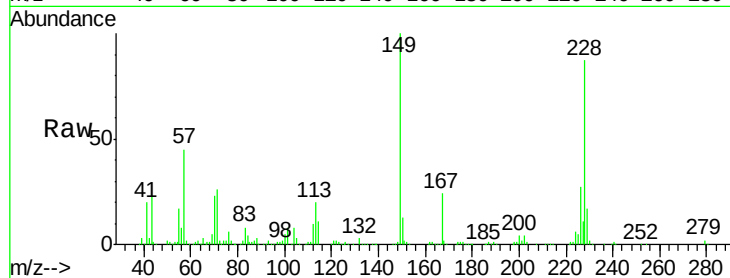
Tot Ion:149 Resp: 474557

Ion Ratio Lower Upper

149 100

167 24.0 24.2 36.2#

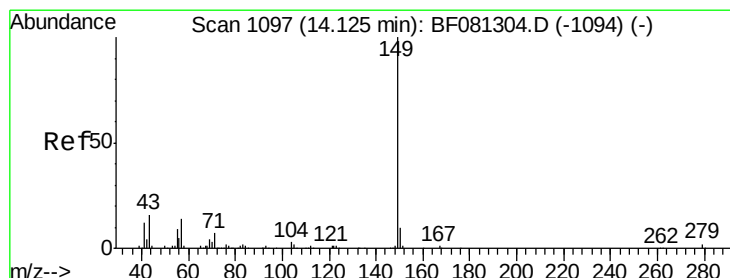
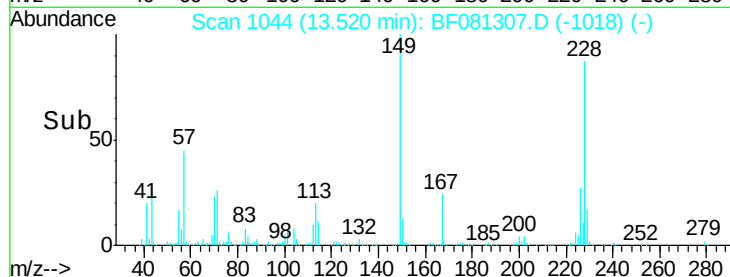
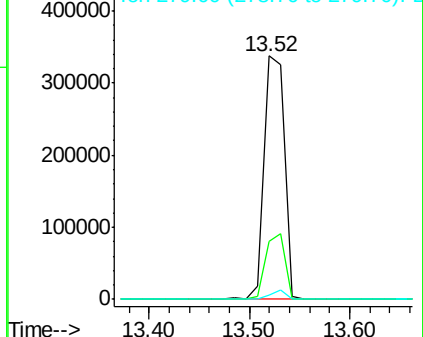
279 1.6 3.8 5.6#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 89.25 ng

RT: 14.14 min Scan# 1098

Delta R.T. 0.01 min

Lab File: BF081307.D

Acq: 1 Sep 2015 16:47

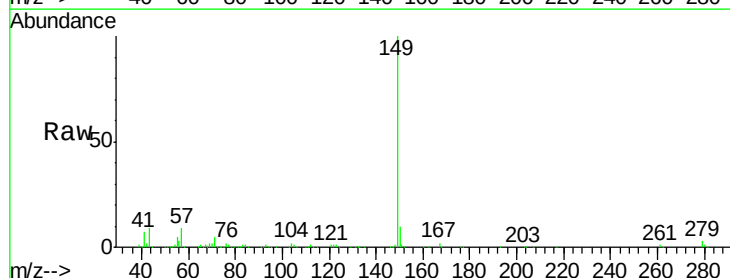
Tgt Ion:149 Resp: 791994

Ion Ratio Lower Upper

149 100

167 1.4 1.0 1.6

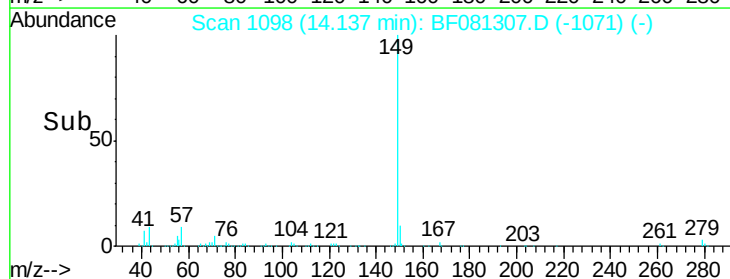
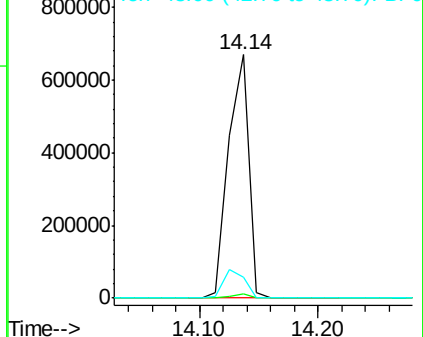
43 12.3 10.2 15.2

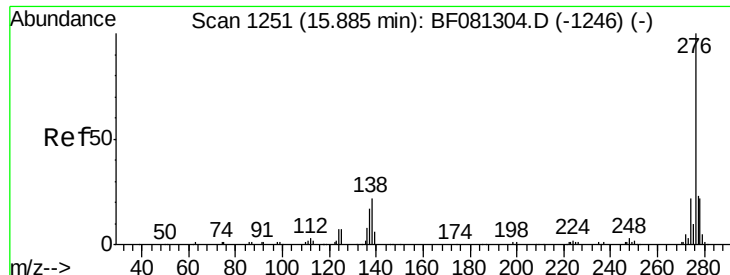


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0





#85

Indeno(1,2,3-cd)pyrene

Concen: 88.64 ng

RT: 15.90 min Scan# 1252

Delta R.T. 0.01 min

Lab File: BF081307.D

Acq: 1 Sep 2015 16:47

Instrument :

BNA_F

ClientSampleId :

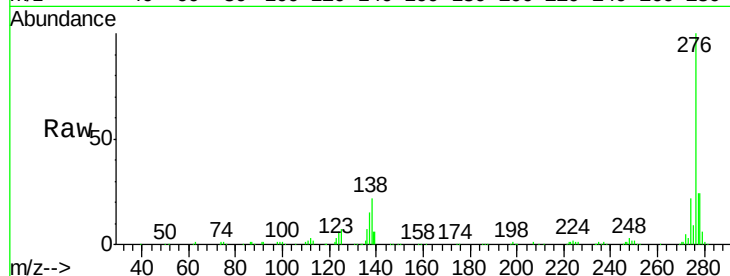
Tot Ion:276 Resp: 471112

Ion Ratio Lower Upper

276 100

138 24.0 25.7 38.5#

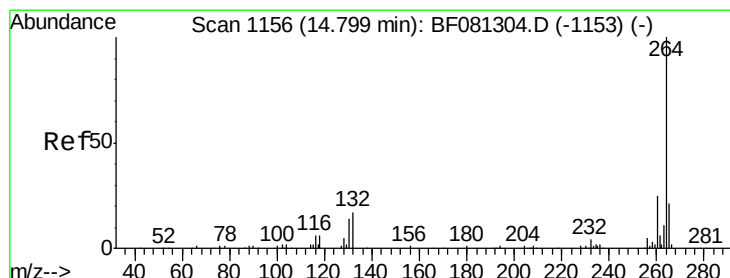
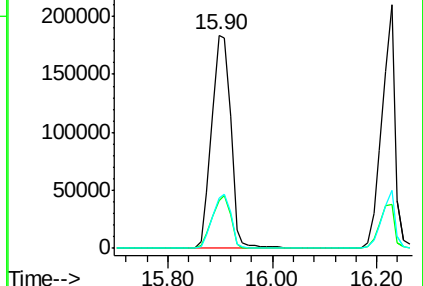
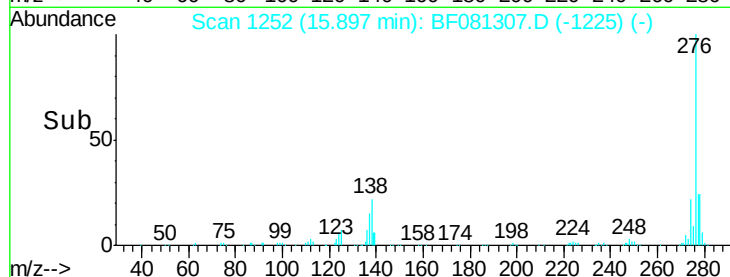
277 24.9 15.6 23.4#



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#86

Perylene-d12

Concen: 20.00 ng

RT: 14.80 min Scan# 1156

Delta R.T. 0.00 min

Lab File: BF081307.D

Acq: 1 Sep 2015 16:47

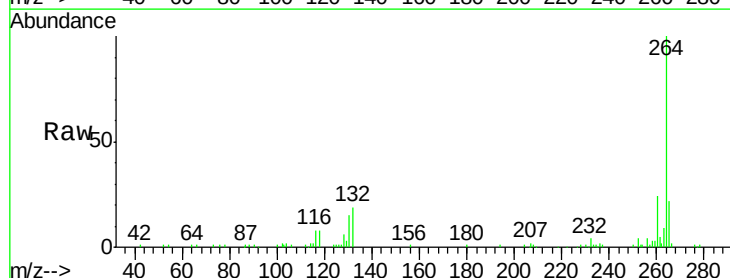
Tgt Ion:264 Resp: 98847

Ion Ratio Lower Upper

264 100

260 24.0 16.7 25.1

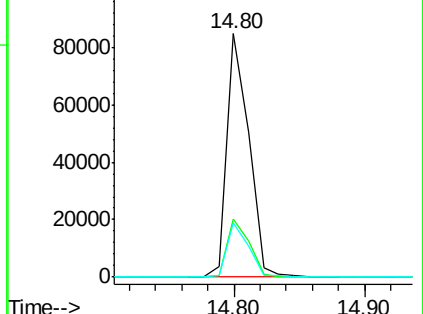
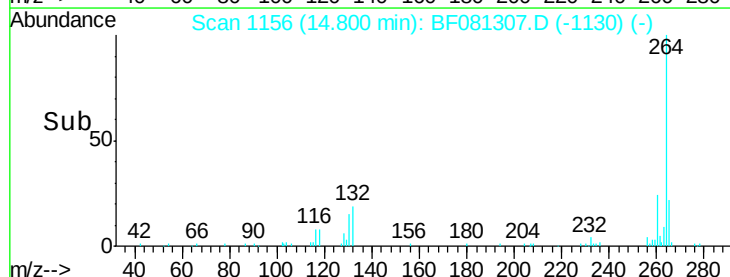
265 22.1 17.2 25.8

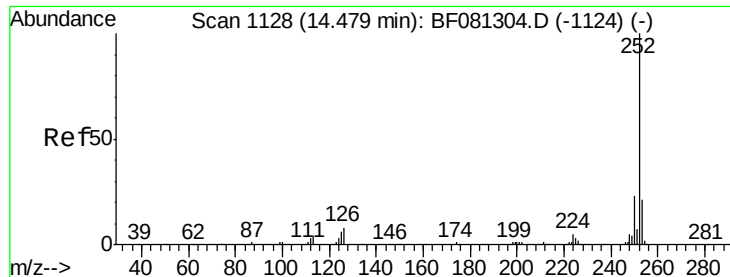


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

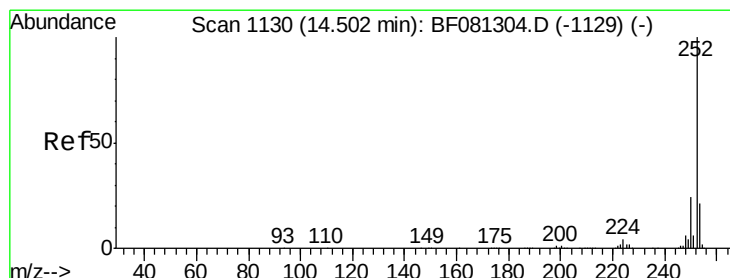
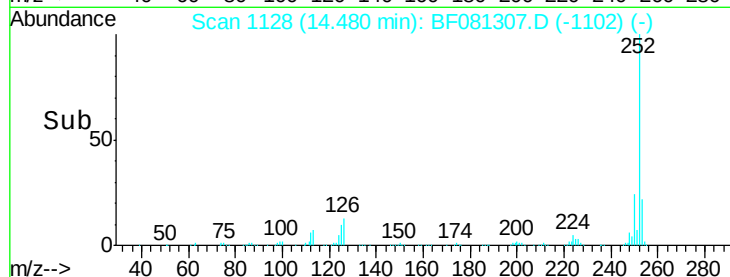
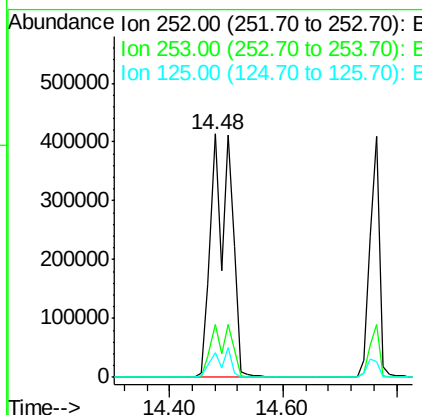
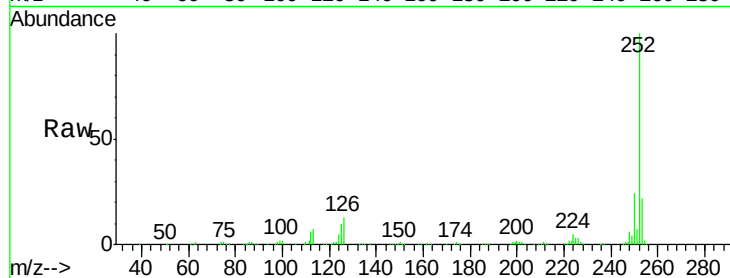




#87
Benzo(b)fluoranthene
Concen: 136.43 ng
RT: 14.48 min Scan# 1128
Delta R.T. 0.00 min
Lab File: BF081307.D
Acq: 1 Sep 2015 16:47

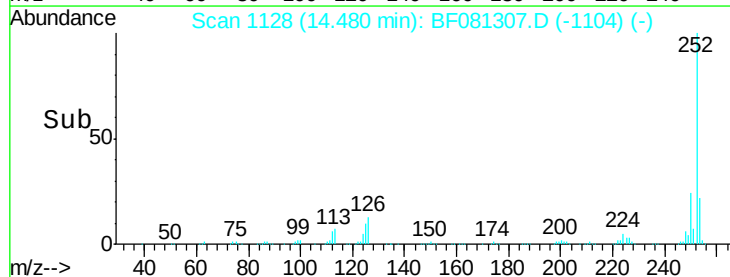
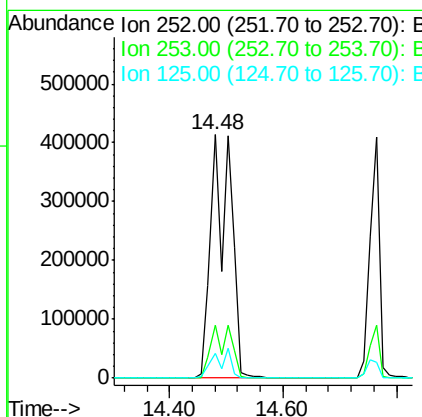
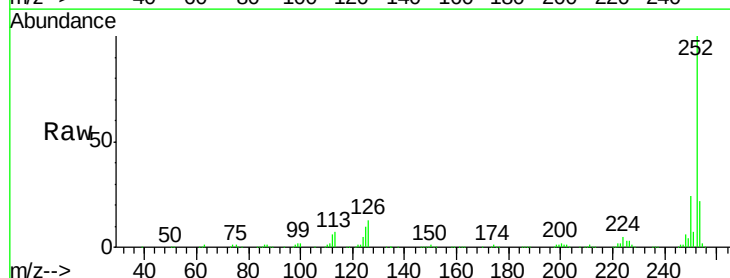
Instrument :
BNA_F
ClientSampled :

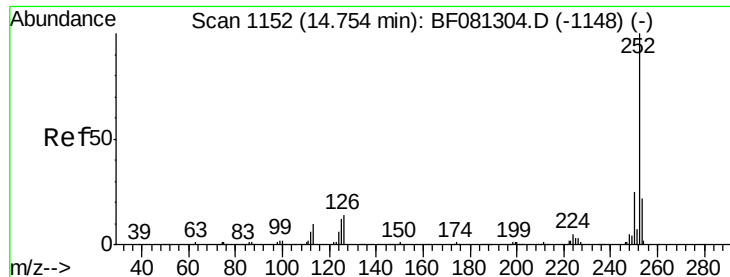
Tot Ion:252 Resp: 975315
Ion Ratio Lower Upper
252 100
253 21.9 17.5 26.3
125 10.0 17.1 25.7#



#88
Benzo(k)fluoranthene
Concen: 165.45 ng
RT: 14.48 min Scan# 1128
Delta R.T. -0.02 min
Lab File: BF081307.D
Acq: 1 Sep 2015 16:47

Tgt Ion:252 Resp: 975315
Ion Ratio Lower Upper
252 100
253 21.9 17.0 25.4
125 10.0 16.0 24.0#





#89

Benzo(a)pyrene

Concen: 82.03 ng

RT: 14.77 min Scan# 1153

Delta R.T. 0.01 min

Lab File: BF081307.D

Acq: 1 Sep 2015 16:47

Instrument :

BNA_F

ClientSampled :

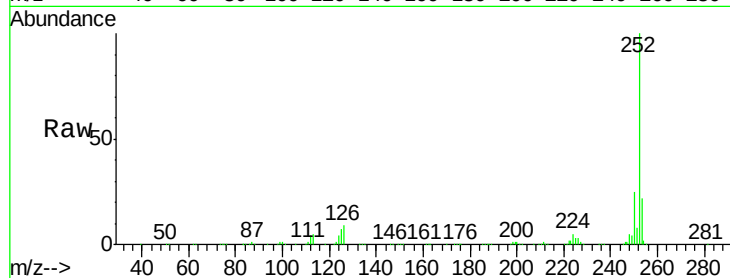
Tot Ion:252 Resp: 488756

Ion Ratio Lower Upper

252 100

253 22.1 17.2 25.8

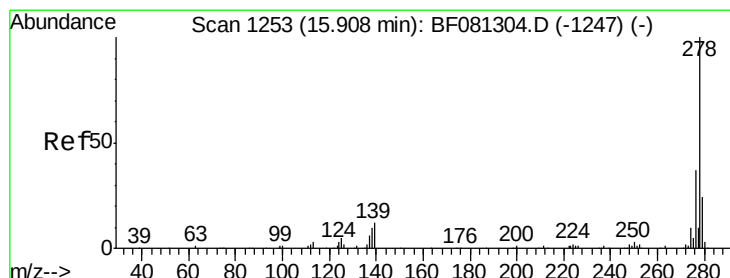
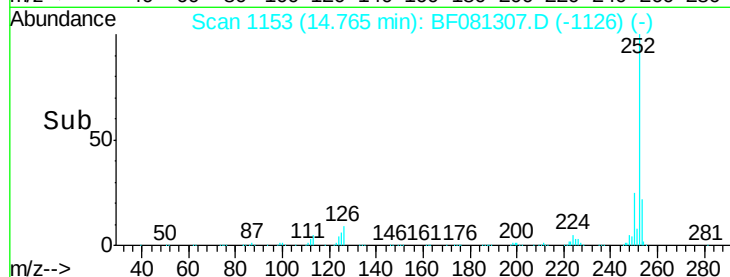
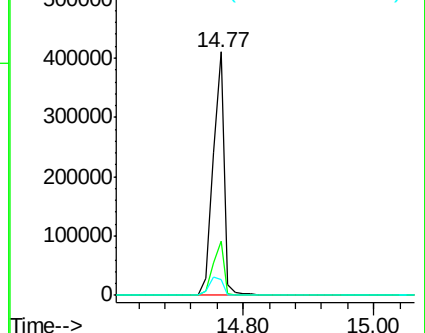
125 6.7 18.0 27.0#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 86.17 ng

RT: 15.92 min Scan# 1254

Delta R.T. 0.01 min

Lab File: BF081307.D

Acq: 1 Sep 2015 16:47

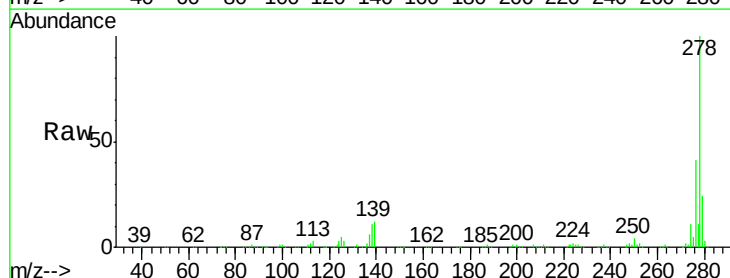
Tgt Ion:278 Resp: 393841

Ion Ratio Lower Upper

278 100

139 12.0 26.3 39.5#

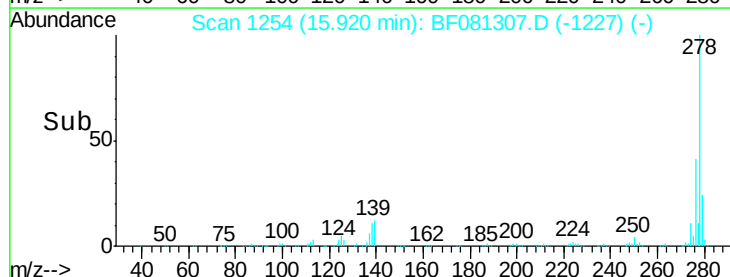
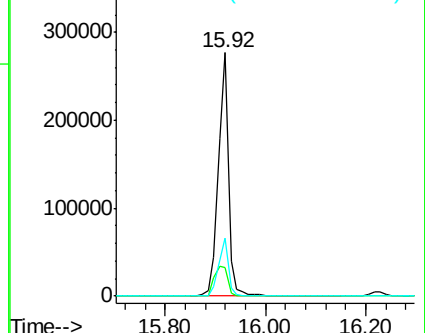
279 24.1 18.2 27.4

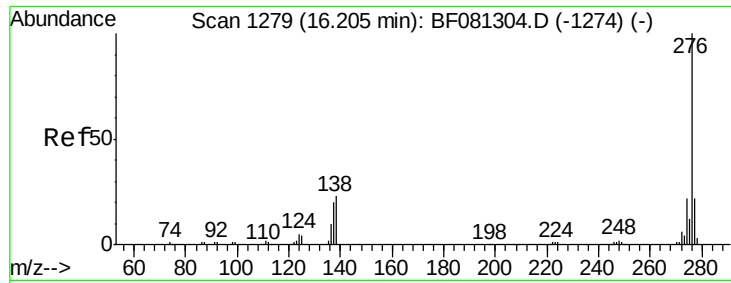


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(a,h,i)perylene

Concen: 85.81 ng

RT: 16.23 min Scan# 1281

Delta R.T. 0.02 min

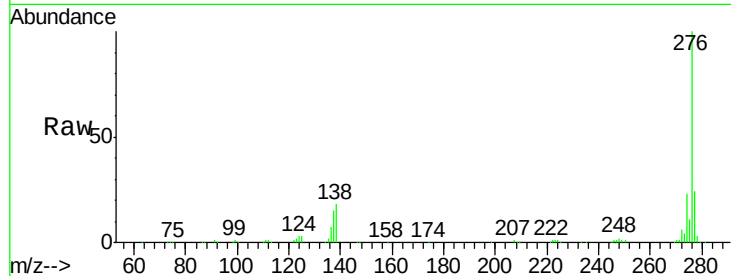
Lab File: BF081307.D

Acq: 1 Sep 2015 16:47

Instrument :

BNA_F

ClientSampleId :



Tot Ion: 276 Resp: 374576

Ion Ratio Lower Upper

276 100

277 23.8 17.8 26.6

138 18.2 34.6 51.8#

