

Data Path : Z:\HPCHEM1\BNA F\DATA\BF031115\
 Data File : BF077704.D
 Acq On : 12 Mar 2015 00:19
 Operator : TP/IZ
 Sample : PB82075BS
 Misc : W
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB82075BS

Manual Integrations
 APPROVED

mohammad
 3/13/2015 9:40:46 AM

Quant Time: Mar 12 06:43:31 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF031115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 12 02:24:12 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.17	152	54100	20.00	ng	0.00
21) Naphthalene-d8	8.75	136	227526	20.00	ng	0.00
38) Acenaphthene-d10	10.91	164	117502	20.00	ng	0.00
63) Phenanthrene-d10	12.75	188	217383	20.00	ng	0.00
75) Chrysene-d12	16.03	240	229339	20.00	ng	0.00
86) Perylene-d12	17.70	264	221362	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.46	112	387541	125.04	ng	0.00
7) Phenol-d6	6.74	99	508857	132.89	ng	0.00
23) Nitrobenzene-d5	7.86	82	268785	77.44	ng	0.00
41) 2,4,6-Tribromophenol	11.89	330	124594	110.83	ng	0.00
44) 2-Fluorobiphenyl	10.09	172	619621	77.50	ng	0.00
78) Terphenyl-d14	14.75	244	745820	79.44	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.08	88	39415	28.01	ng	# 100
3) Pyridine	2.76	79	125805	33.27	ng	97
4) n-Nitrosodimethylamine	2.69	42	49950	30.34	ng	# 99
6) Aniline	6.75	93	116716	21.31	ng	# 1
8) 2-Chlorophenol	6.90	128	150202	40.71	ng	98
9) Benzaldehyde	6.61	77	15569	9.92	ng	94
10) Phenol	6.75	94	196206	43.34	ng	85
11) bis(2-Chloroethyl)ether	6.86	93	136566	40.28	ng	98
12) 1,3-Dichlorobenzene	7.09	146	153763	37.47	ng	99
13) 1,4-Dichlorobenzene	7.20	146	151458	35.52	ng	98
14) 1,2-Dichlorobenzene	7.37	146	146546	37.49	ng	# 92
15) Benzyl Alcohol	7.36	79	119784	40.07	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.54	45	183902	40.25	ng	99
17) 2-Methylphenol	7.50	107	119079	39.65	ng	98
18) Hexachloroethane	7.79	117	53492	38.25	ng	97
19) n-Nitroso-di-n-propylamine	7.69	70	100800	38.05	ng	99
20) 3+4-Methylphenols	7.70	107	162403	41.21	ng	98
22) Acetophenone	7.68	105	200067	39.72	ng	# 99
24) Nitrobenzene	7.88	77	140704	37.63	ng	98
25) Isophorone	8.18	82	262856	37.50	ng	# 91
26) 2-Nitrophenol	8.28	139	72219	39.45	ng	97
27) 2,4-Dimethylphenol	8.35	122	134268	40.26	ng	98
28) bis(2-Chloroethoxy)methane	8.46	93	169535	39.85	ng	100
29) 2,4-Dichlorophenol	8.58	162	131126	41.25	ng	97
30) 1,2,4-Trichlorobenzene	8.68	180	135269	38.03	ng	99
31) Naphthalene	8.77	128	436183	37.33	ng	100
32) Benzoic acid	8.45	122	63004	34.78	ng	97
33) 4-Chloroaniline	8.85	127	99243	20.93	ng	98
34) Hexachlorobutadiene	8.93	225	72077	35.75	ng	98
35) Caprolactam	9.26	113	38207	41.12	ng	93
36) 4-Chloro-3-methylphenol	9.46	107	130572	40.82	ng	99
37) 2-Methylnaphthalene	9.63	142	311791	39.72	ng	98
39) 1,2,4,5-Tetrachlorobenzene	9.84	216	136589	38.97	ng	# 100
40) Hexachlorocyclopentadiene	9.82	237	135959	77.59	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.98	196	92849	38.25	nq	99
43) 2,4,5-Trichlorophenol	10.03	196	96154	36.66	nq	98
45) 1,1'-Biphenyl	10.21	154	370995	39.50	nq	99
46) 2-Chloronaphthalene	10.22	162	284197	37.23	nq	# 91
47) 2-Nitroaniline	10.36	65	77790	41.03	nq	95
48) Acenaphthylene	10.74	152	463559	36.52	nq	99
49) Dimethylphthalate	10.60	163	340132	39.03	nq	100
50) 2,6-Dinitrotoluene	10.67	165	73115	40.47	nq	96
51) Acenaphthene	10.96	154	264351	36.32	nq	99
52) 3-Nitroaniline	10.86	138	54307	25.88	nq	# 71
53) 2,4-Dinitrophenol	11.00	184	49458	75.08	nq	96
54) Dibenzofuran	11.17	168	423705	39.25	nq	100
55) 4-Nitrophenol	11.09	139	131811	84.81	nq	93
56) 2,4-Dinitrotoluene	11.16	165	96120	40.80	nq	# 91
57) Fluorene	11.60	166	338955	37.82	nq	99
58) 2,3,4,6-Tetrachlorophenol	11.32	232	79513	39.37	nq	# 100
59) Diethylphthalate	11.48	149	332565	39.16	nq	98
60) 4-Chlorophenyl-phenylether	11.61	204	154705	37.82	nq	98
61) 4-Nitroaniline	11.63	138	74307	35.54	nq	97
62) Azobenzene	11.80	77	313396	38.62	nq	98
64) 4,6-Dinitro-2-methylphenol	11.66	198	37297	37.38	nq	94
65) n-Nitrosodiphenylamine	11.76	169	291680	40.30	nq	99
66) 4-Bromophenyl-phenylether	12.21	248	92542	39.89	nq	98
67) Hexachlorobenzene	12.27	284	102988	40.40	nq	97
68) Atrazine	12.43	200	92481	45.59	nq	99
69) Pentachlorophenol	12.52	266	106280	79.62	nq	98
70) Phenanthrene	12.79	178	495096	39.67	nq	100
71) Anthracene	12.84	178	485387	39.37	nq	99
72) Carbazole	13.05	167	446288	38.05	nq	99
73) Di-n-butylphthalate	13.51	149	531064	40.38	nq	99
74) Fluoranthene	14.26	202	521802	37.91	nq	99
76) Benzidine	14.43	184	180509	31.72	nq	98
77) Pyrene	14.53	202	545462	37.82	nq	99
79) Butylbenzylphthalate	15.37	149	229453	40.35	nq	98
80) Benzo(a)anthracene	16.02	228	521748	38.38	nq	99
81) 3,3'-Dichlorobenzidine	16.00	252	109439	24.40	nq	99
82) Chrysene	16.07	228	482495	39.47	nq	100
83) Bis(2-ethylhexyl)phthalate	16.08	149	340507	39.53	nq	# 94
84) Di-n-octyl phthalate	16.85	149	588981	39.99	nq	100
85) Indeno(1,2,3-cd)pyrene	19.08	276	541119	35.47	nq	# 100
87) Benzo(b)fluoranthene	17.28	252	514997	35.64	nq	# 95
88) Benzo(k)fluoranthene	17.30	252	482261m	42.72	nq	
89) Benzo(a)pyrene	17.63	252	475179	39.41	nq	# 96
90) Dibenzo(a,h)anthracene	19.11	278	448845	37.53	nq	97
91) Benzo(g,h,i)perylene	19.49	276	449592	36.93	nq	96

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

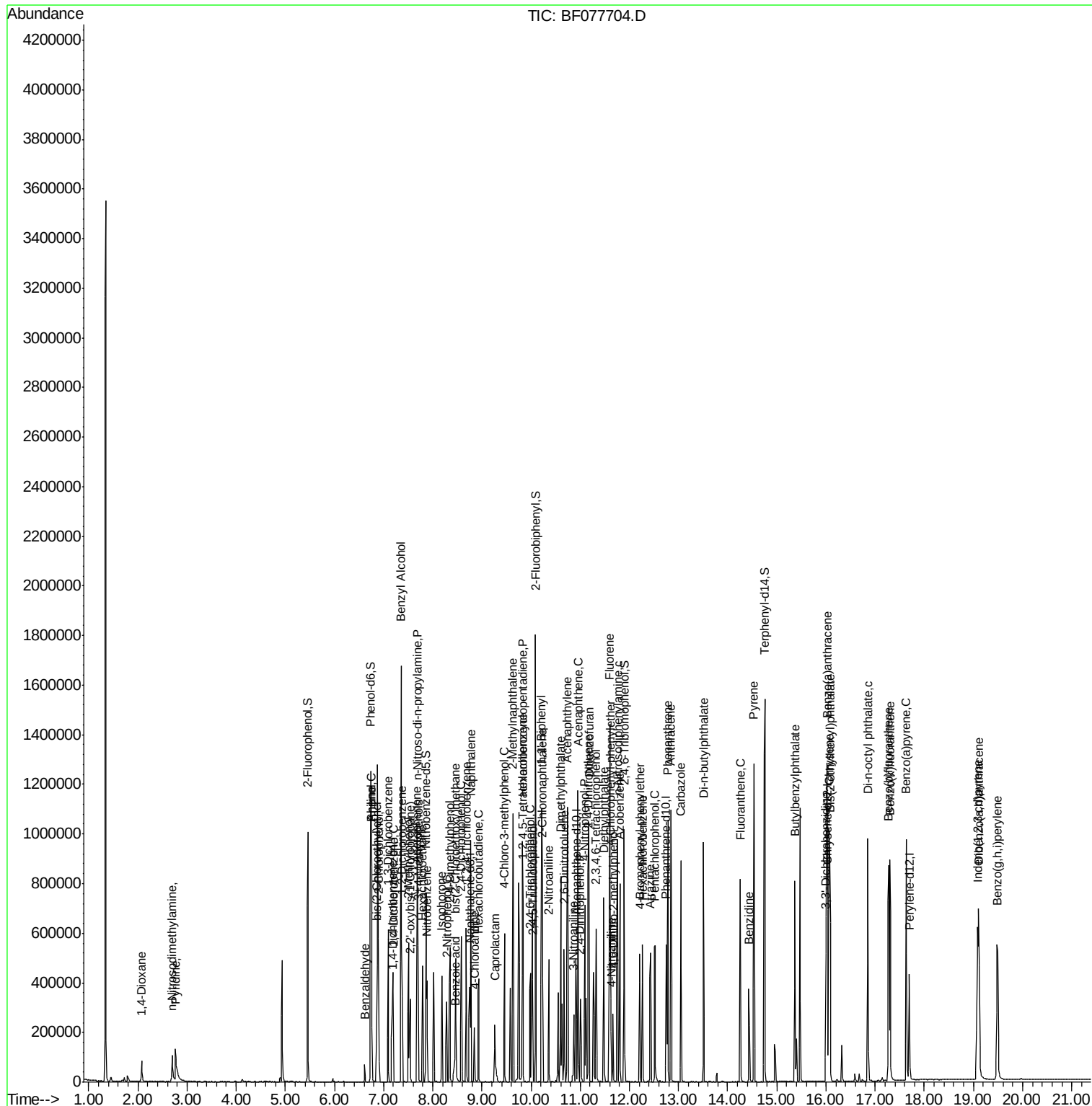
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Data File : BF077704.D  
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Operator  : TP/IZ  
Sample    : PB82075BS  
Misc      : W  
ALS Vial  : 22      Sample Multiplier: 1
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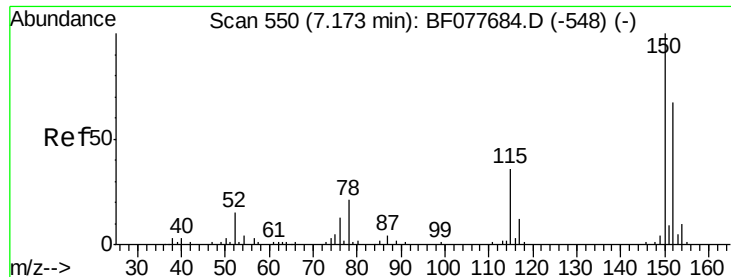
Instrument :
BNA_F
ClientSampleId :
PB82075BS

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#1

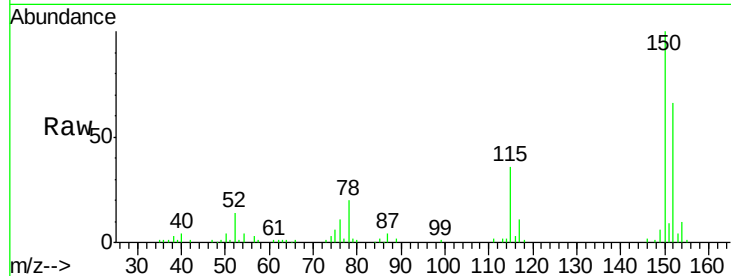
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.17 min Scan# 550
Delta R.T. -0.00 min
Lab File: BF077704.D
Acq: 12 Mar 2015 00:19

Instrument :
BNA_F
ClientSampleId :
PB82075BS

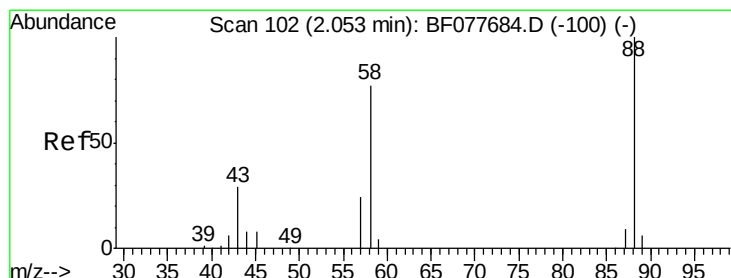
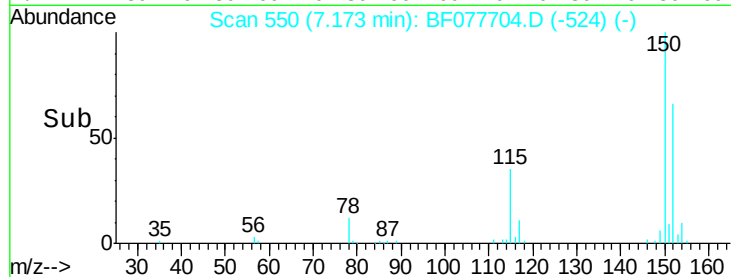
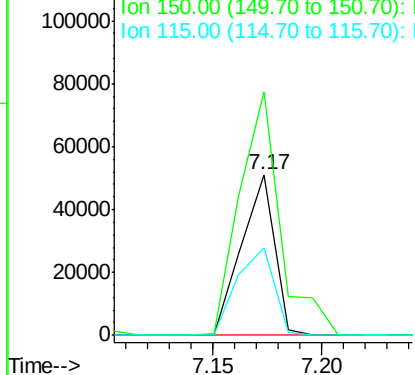
Tot Ion	Ratio	Lower	Upper
152	100		
150	151.4	119.5	179.3
115	54.2	43.0	64.4

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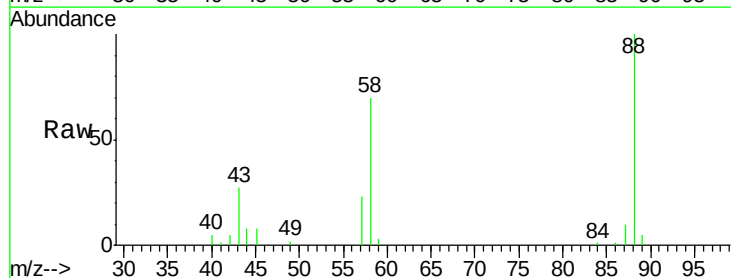
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



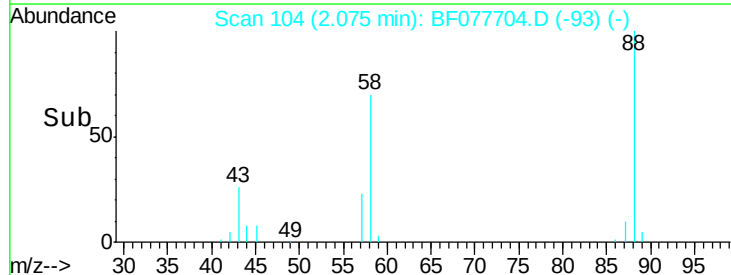
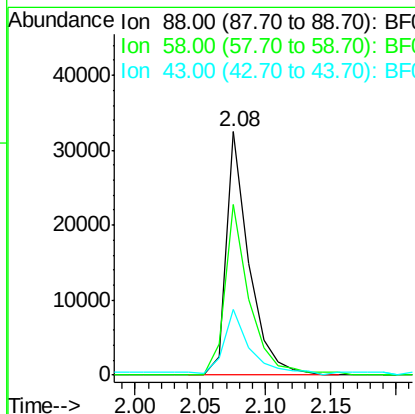
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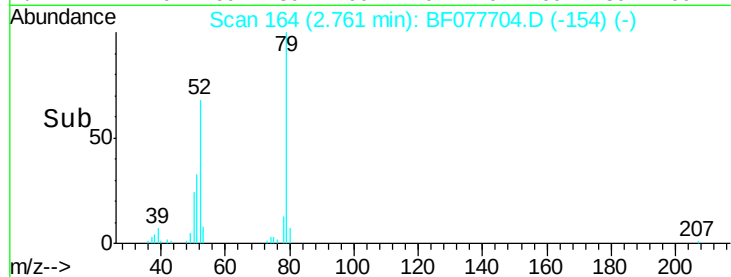
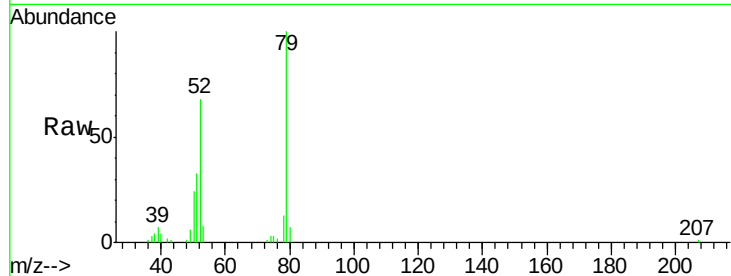
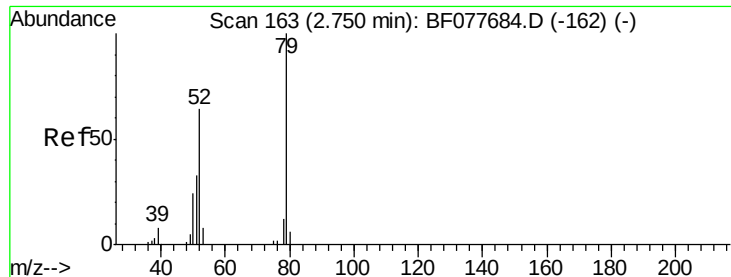
1,4-Dioxane
Concen: 28.01 ng
RT: 2.08 min Scan# 104
Delta R.T. 0.02 min
Lab File: BF077704.D
Acq: 12 Mar 2015 00:19

Tgt Ion	Ratio	Lower	Upper
88	100		
58	76.2	0.0	0.0#
43	33.0	0.0	0.0#



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





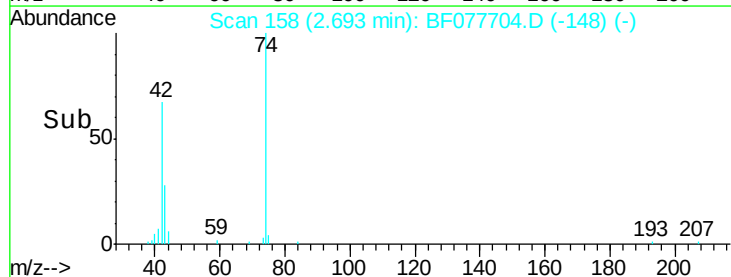
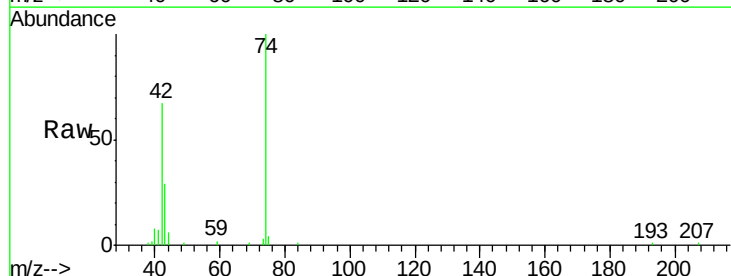
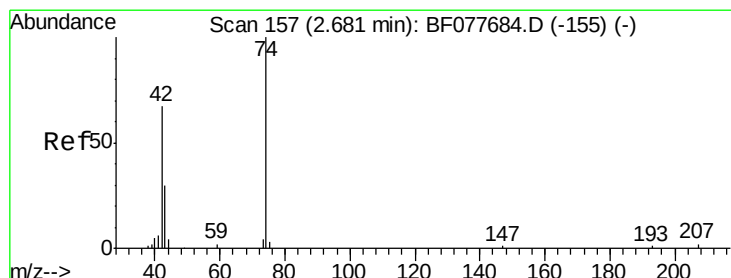
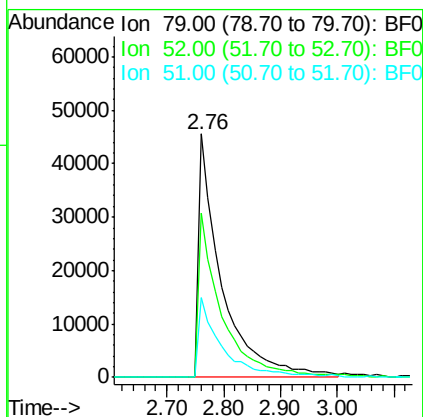
#3
 Pvridine
 Concen: 33.27 ng
 RT: 2.76 min Scan# 164
 Delta R.T. 0.01 min
 Lab File: BF077704.D
 Acq: 12 Mar 2015 00:19

Tot Ion	Ratio	Lower	Upper
79	100		
52	67.6	51.1	76.7
51	32.6	26.1	39.1

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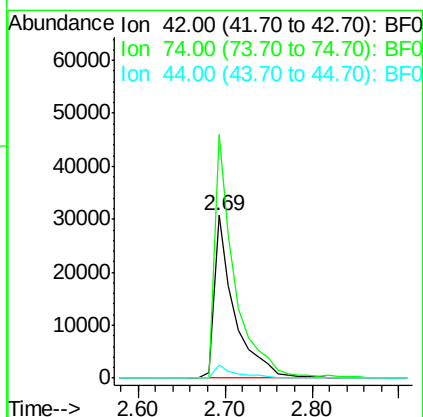
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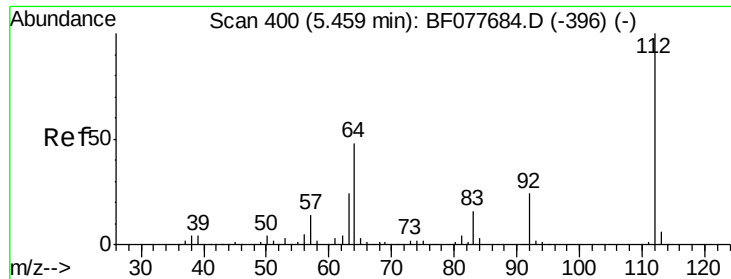
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#4
 n-Nitrosodimethylamine
 Concen: 30.34 ng
 RT: 2.69 min Scan# 158
 Delta R.T. 0.01 min
 Lab File: BF077704.D
 Acq: 12 Mar 2015 00:19

Tgt Ion	Ratio	Lower	Upper
42	100		
74	149.6	119.3	178.9
44	8.3	5.4	8.2#





#5

2-Fluorophenol

Concen: 125.04 ng

RT: 5.46 min Scan# 400

Delta R.T. -0.00 min

Lab File: BF077704.D

Acq: 12 Mar 2015 00:19

Instrument :

BNA_F

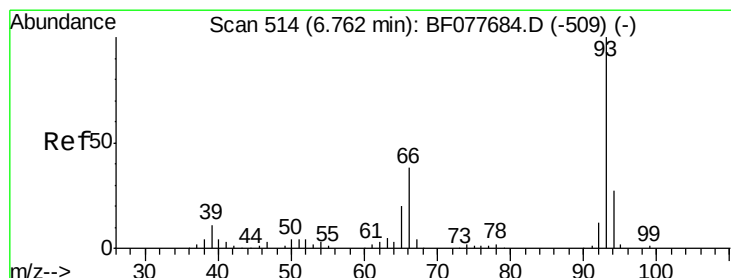
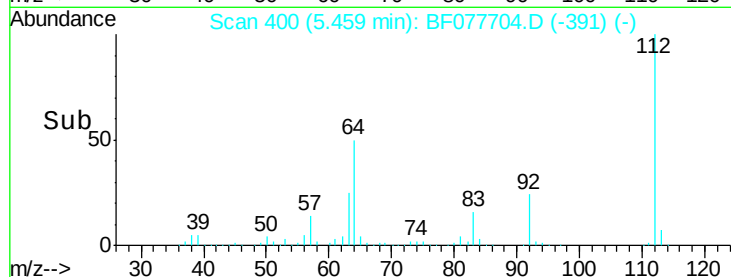
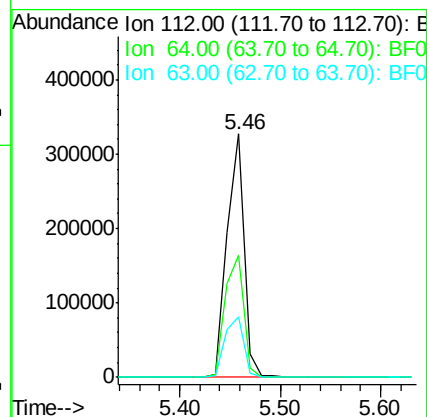
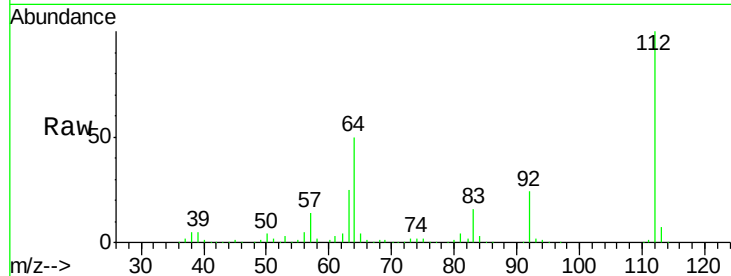
ClientSampleID :

PB82075BS

Tot Ion:	112	Resp:	387541
Ion Ratio	Lower	Upper	
112	100		
64	50.0	38.6	57.8
63	25.1	19.3	28.9

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#6

Aniline

Concen: 21.31 ng

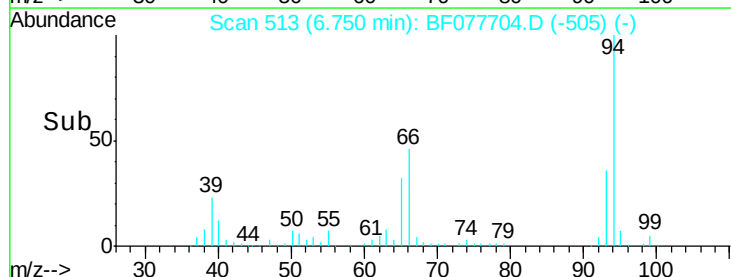
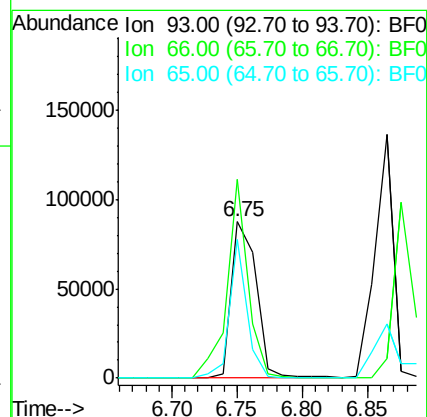
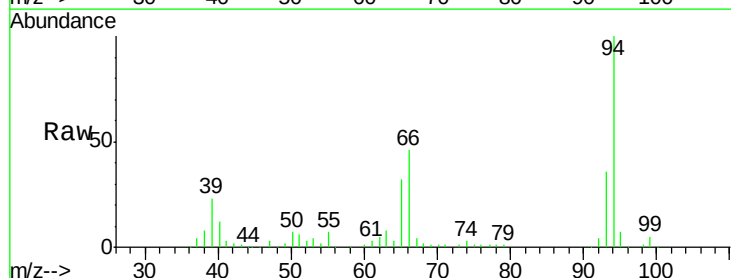
RT: 6.75 min Scan# 513

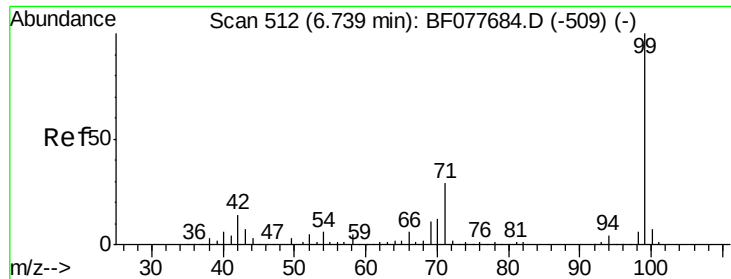
Delta R.T. -0.01 min

Lab File: BF077704.D

Acq: 12 Mar 2015 00:19

Tgt Ion:	93	Resp:	116716
Ion Ratio	Lower	Upper	
93	100		
66	127.0	30.8	46.2#
65	89.1	16.0	24.0#





#7

Phenol-d6

Concen: 132.89 ng

RT: 6.74 min Scan# 512

Delta R.T. -0.00 min

Lab File: BF077704.D

Acq: 12 Mar 2015 00:19

Instrument :

BNA_F

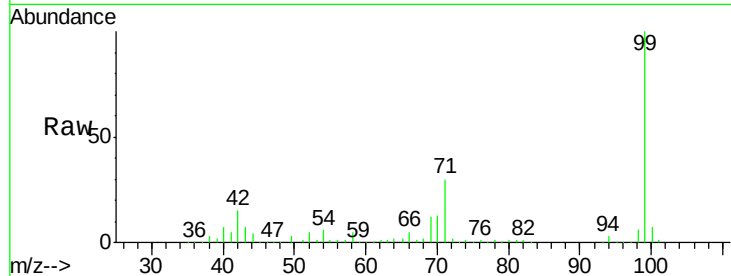
ClientSampleId :

PB82075BS

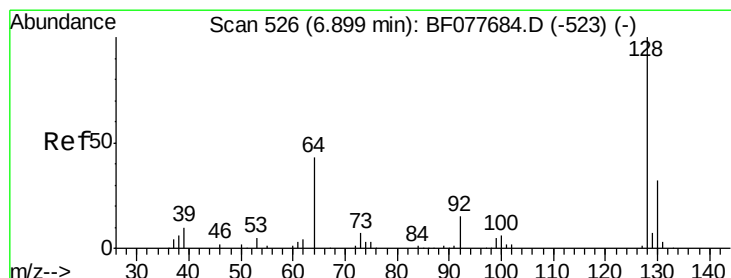
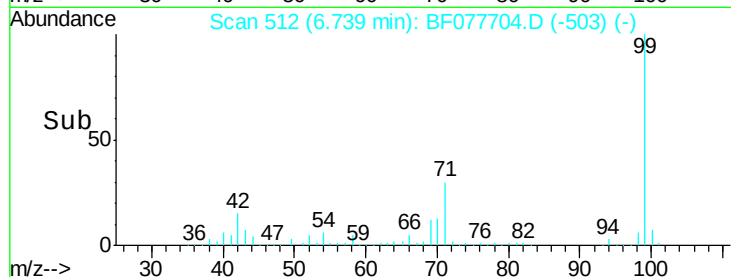
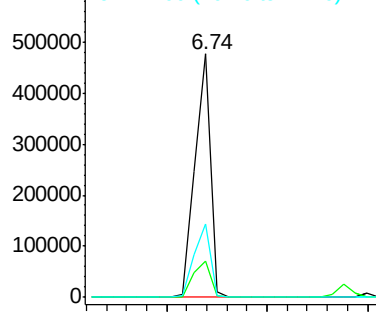
Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		508857		
42	14.9	11.0	16.4		
71	30.0	23.4	35.2		

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Abundance Ion 99.00 (98.70 to 99.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 40.71 ng

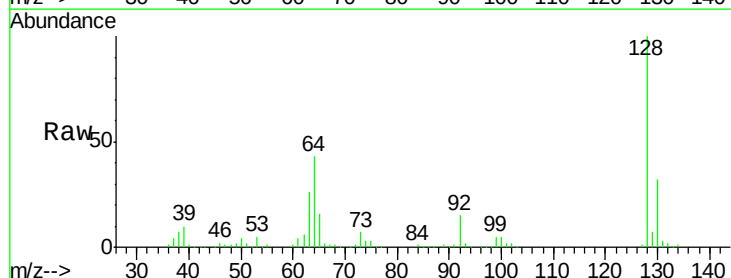
RT: 6.90 min Scan# 526

Delta R.T. -0.00 min

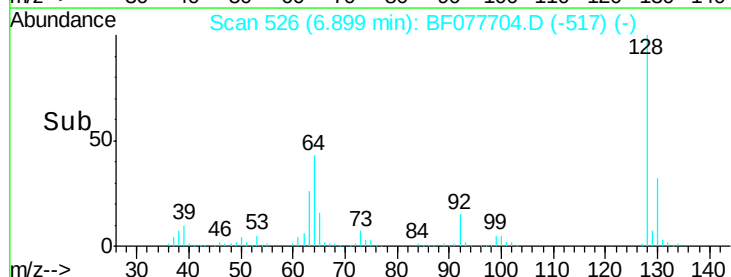
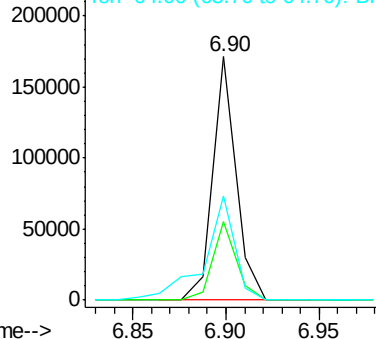
Lab File: BF077704.D

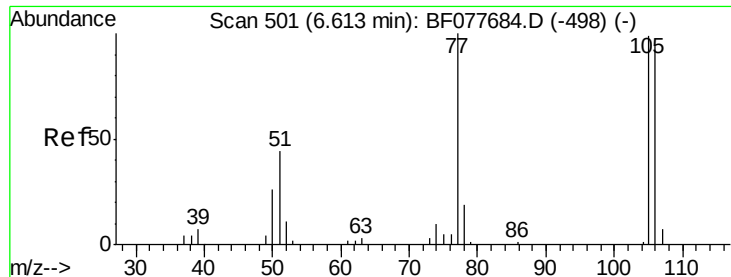
Acq: 12 Mar 2015 00:19

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
128	100		150202		
130	32.1	12.0	52.0		
64	42.8	24.9	64.9		



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 9.92 ng

RT: 6.61 min Scan# 501

Delta R.T. -0.00 min

Lab File: BF077704.D

Acq: 12 Mar 2015 00:19

Instrument :

BNA_F

ClientSampleId :

PB82075BS

Tot Ion: 77 Resp: 15569

Ion Ratio Lower Upper

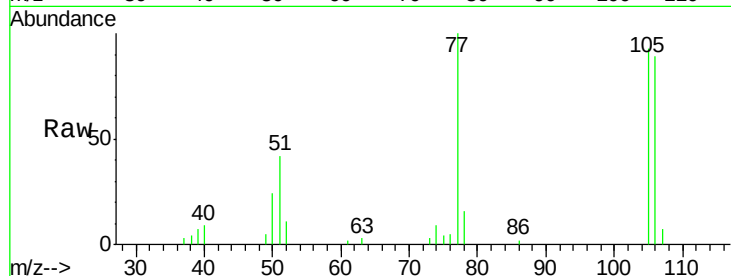
77 100

105 92.7 78.8 118.8

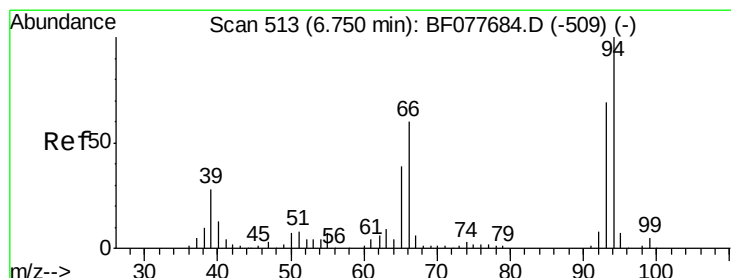
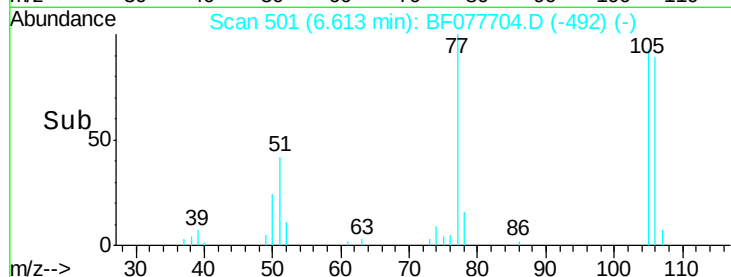
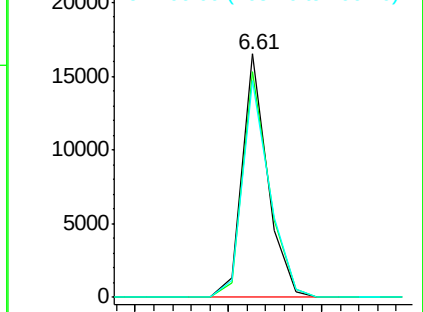
106 88.9 73.7 113.7

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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: 43.34 ng

RT: 6.75 min Scan# 513

Delta R.T. -0.00 min

Lab File: BF077704.D

Acq: 12 Mar 2015 00:19

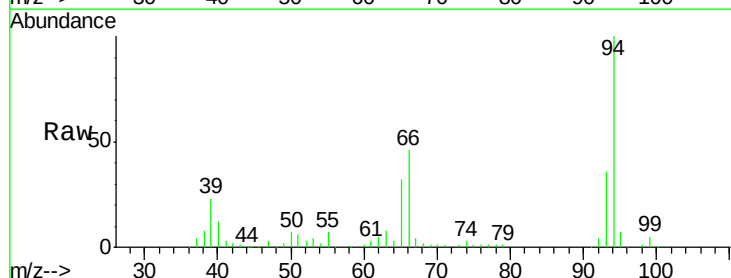
Tgt Ion: 94 Resp: 196206

Ion Ratio Lower Upper

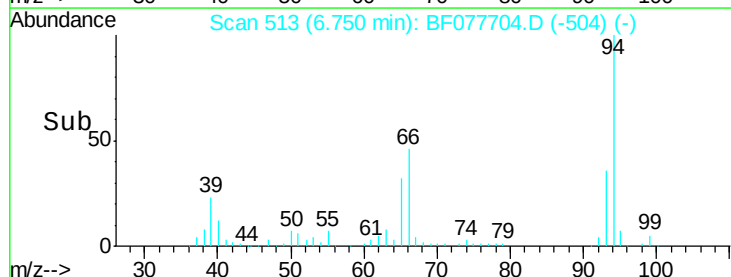
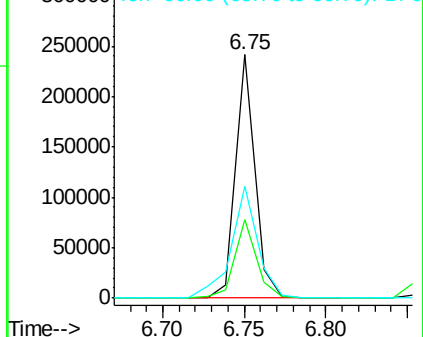
94 100

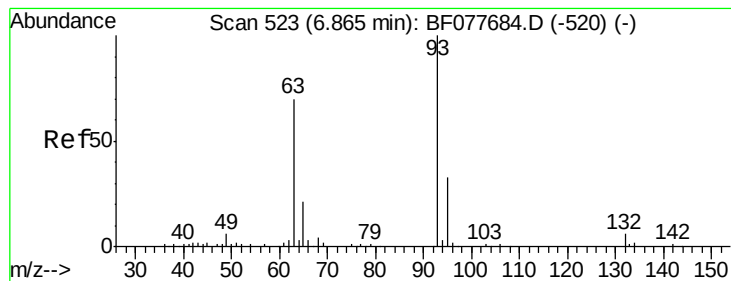
65 32.3 18.8 58.8

66 46.0 39.9 79.9



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





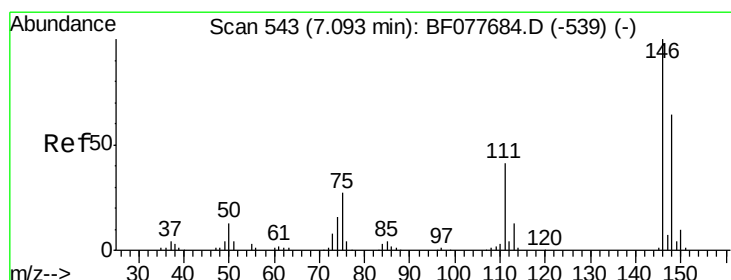
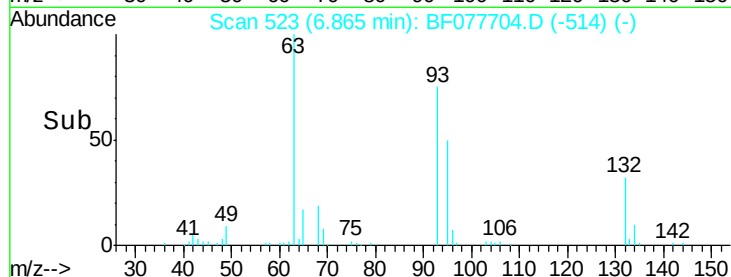
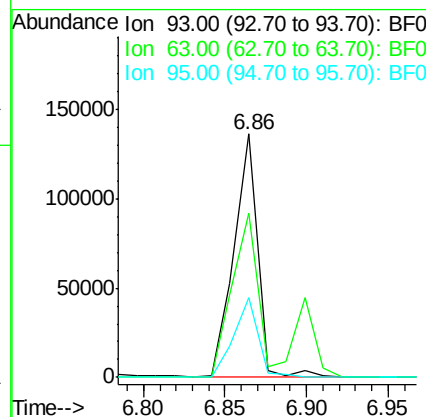
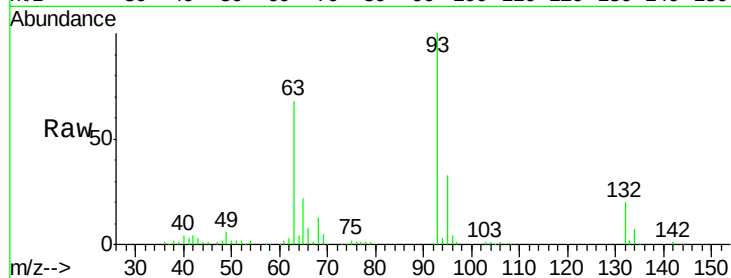
#11
bis(2-Chloroethyl)ether
Concen: 40.28 ng
RT: 6.86 min Scan# 523
Delta R.T. -0.00 min
Lab File: BF077704.D
Acq: 12 Mar 2015 00:19

Instrument :
BNA_F
ClientSampleId :
PB82075BS

Tot Ion	Ratio	Resp	Lower	Upper
93	100	136566		
63	67.5	49.5	89.5	
95	33.0	13.5	53.5	

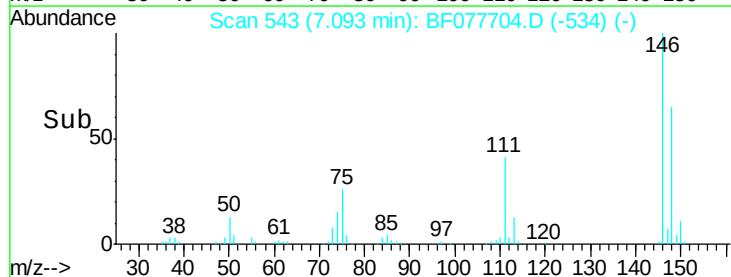
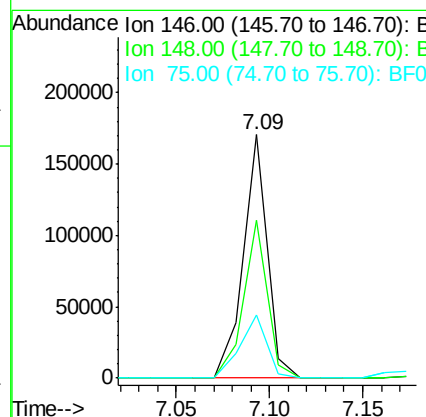
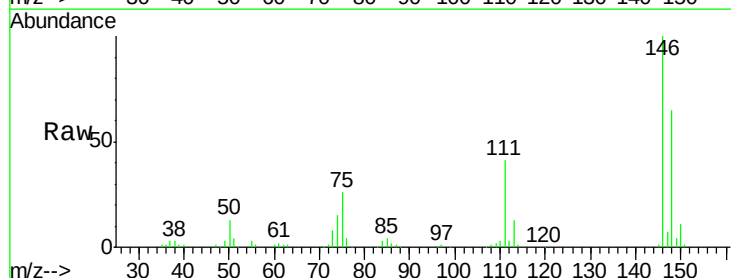
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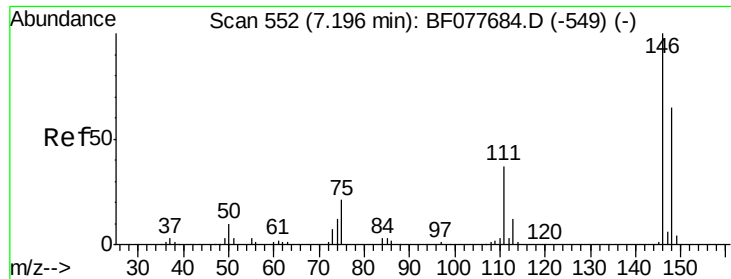
mohammad
3/13/2015 9:40:46 AM



#12
1,3-Dichlorobenzene
Concen: 37.47 ng
RT: 7.09 min Scan# 543
Delta R.T. -0.00 min
Lab File: BF077704.D
Acq: 12 Mar 2015 00:19

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	153763		
148	64.7	50.9	76.3	
75	26.1	21.4	32.2	





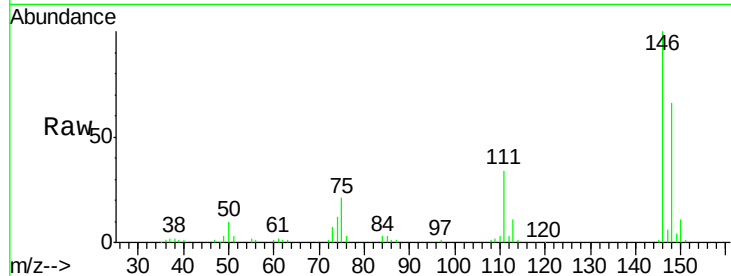
#13
 1,4-Dichlorobenzene
 Concen: 35.52 ng
 RT: 7.20 min Scan# 552
 Delta R.T. -0.00 min
 Lab File: BF077704.D
 Acq: 12 Mar 2015 00:19

Instrument :
 BNA_F
 ClientSampleId :
 PB82075BS

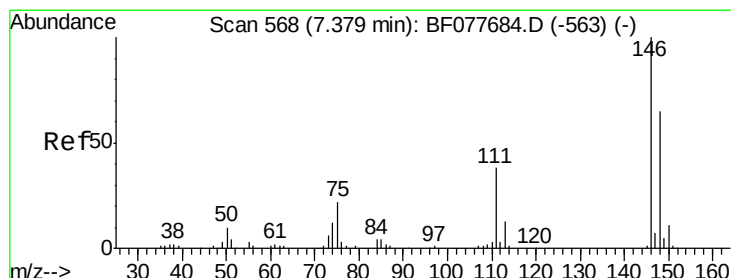
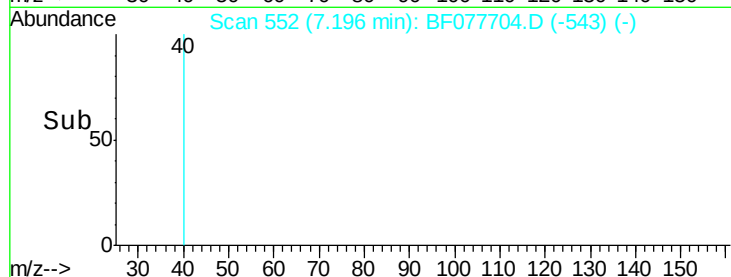
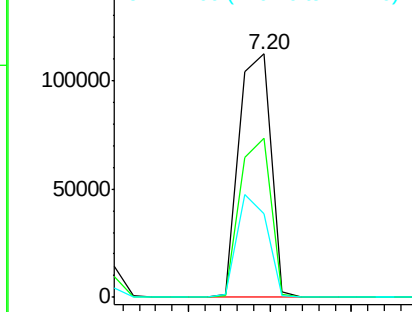
Tot Ion	Ratio	Lower	Upper
146	100		
148	65.5	51.9	77.9
111	34.5	29.2	43.8

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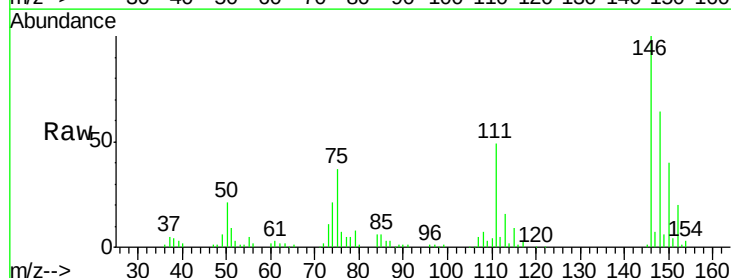


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

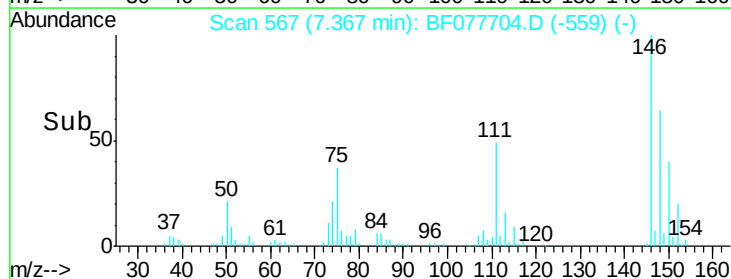
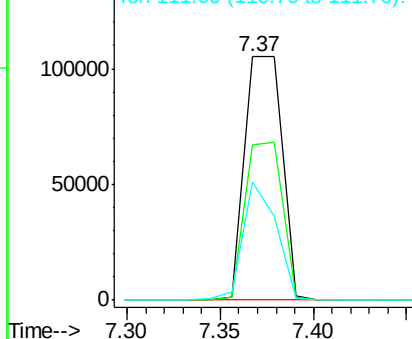


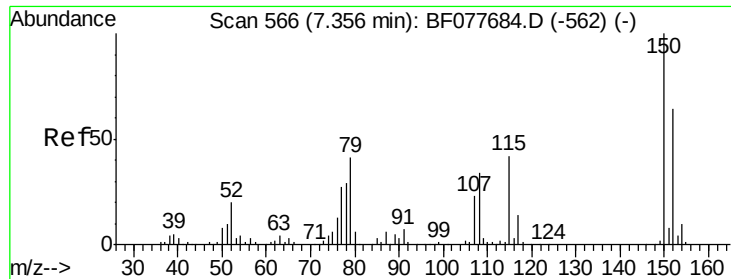
#14
 1,2-Dichlorobenzene
 Concen: 37.49 ng
 RT: 7.37 min Scan# 567
 Delta R.T. -0.01 min
 Lab File: BF077704.D
 Acq: 12 Mar 2015 00:19

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.7	52.3	78.5
111	48.7	30.6	45.8



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





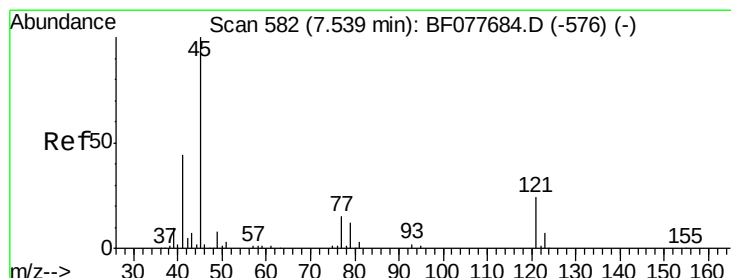
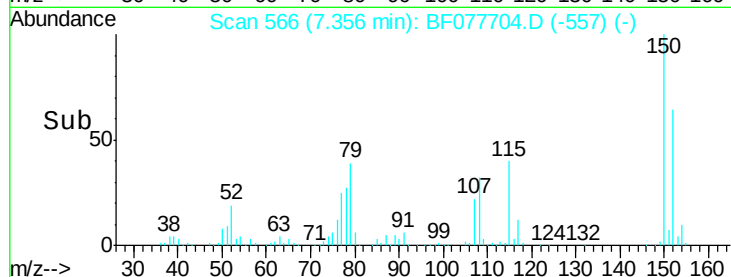
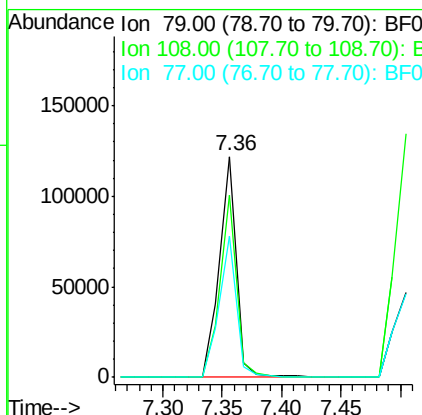
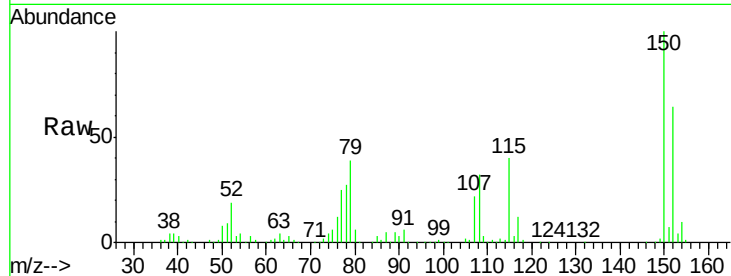
#15
Benzyl Alcohol
Concen: 40.07 ng
RT: 7.36 min Scan# 566
Delta R.T. -0.00 min
Lab File: BF077704.D
Acq: 12 Mar 2015 00:19

Instrument :
BNA_F
ClientSampleId :
PB82075BS

Tot Ion	Ratio	Lower	Upper
79	100		
108	82.5	65.0	97.4
77	63.8	53.0	79.6

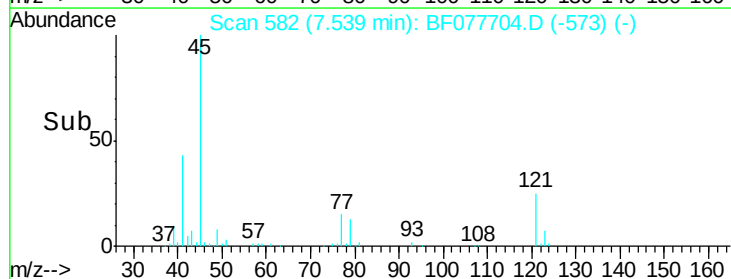
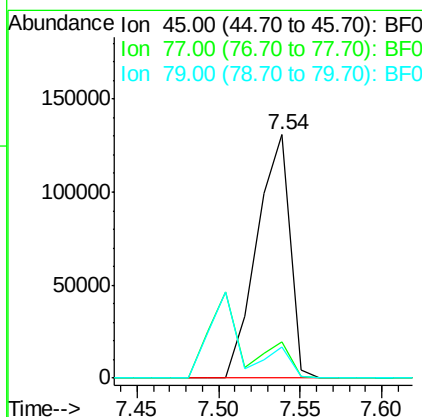
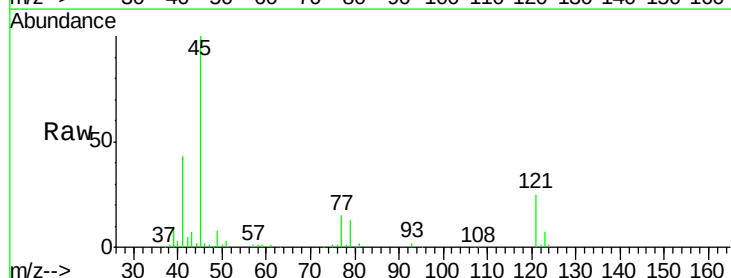
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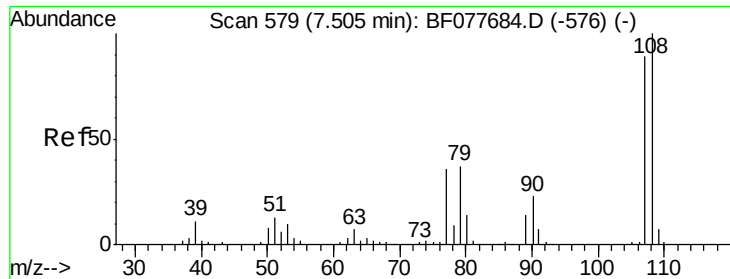
mohammad
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#16
2,2'-oxybis(1-chloropropane)
Concen: 40.25 ng
RT: 7.54 min Scan# 582
Delta R.T. -0.00 min
Lab File: BF077704.D
Acq: 12 Mar 2015 00:19

Tgt Ion	Ratio	Lower	Upper
45	100		
77	15.1	0.0	35.2
79	12.5	0.0	32.0





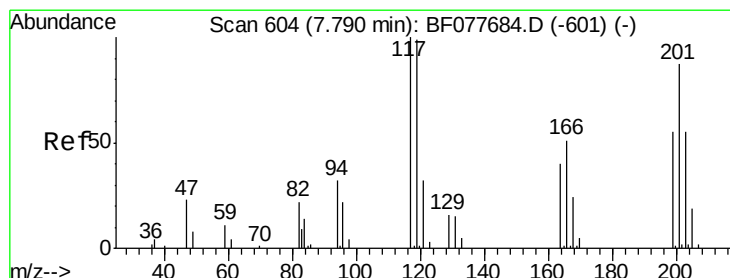
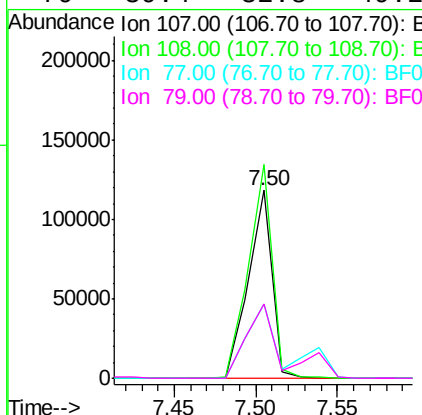
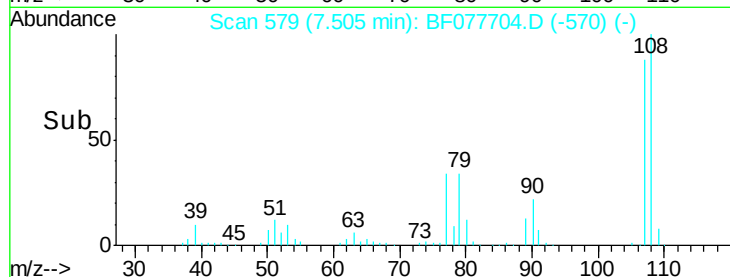
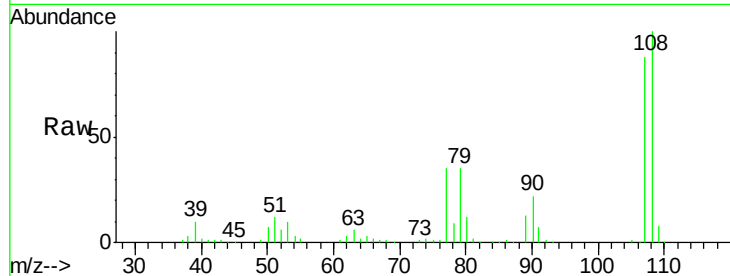
#17
2-Methylphenol
Concen: 39.65 ng
RT: 7.50 min Scan# 579
Delta R.T. -0.00 min
Lab File: BF077704.D
Acq: 12 Mar 2015 00:19

Instrument :
BNA_F
ClientSampleId :
PB82075BS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	113.8	89.8	134.8	
77	39.4	32.6	48.8	
79	39.4	32.8	49.2	

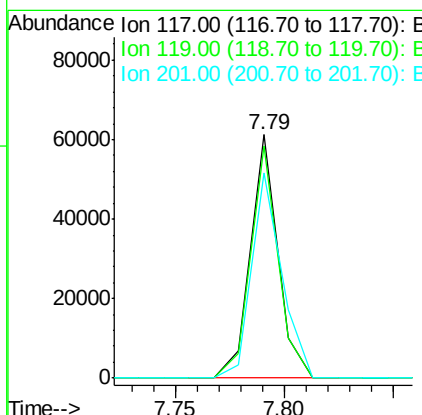
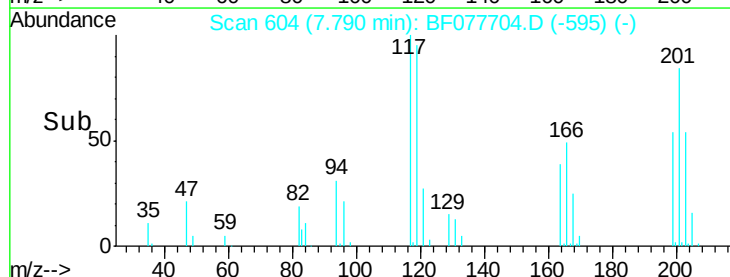
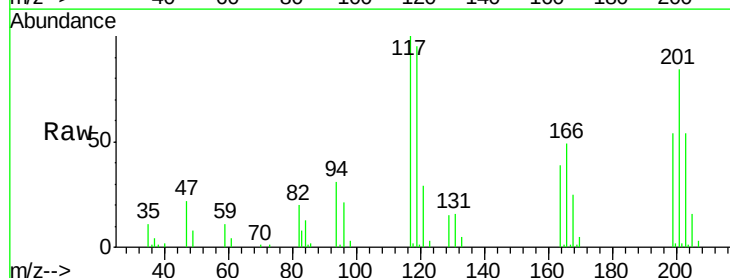
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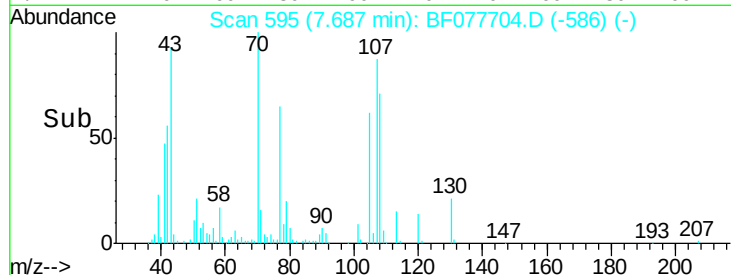
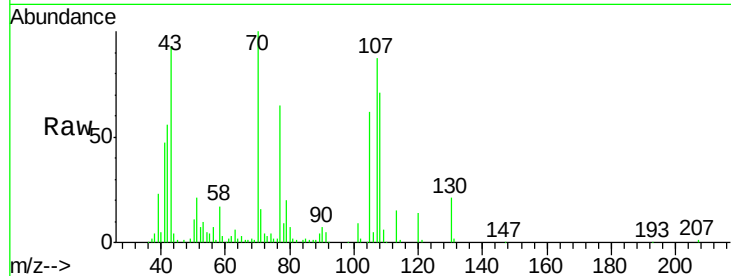
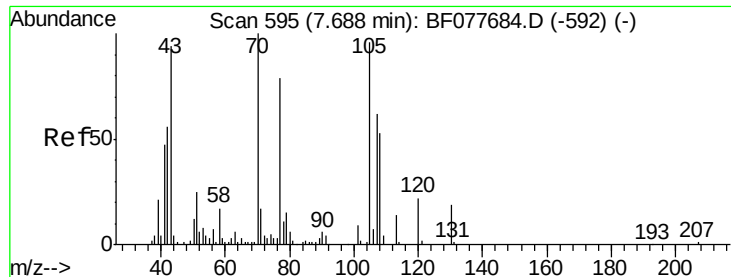
mohammad
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#18
Hexachloroethane
Concen: 38.25 ng
RT: 7.79 min Scan# 604
Delta R.T. -0.00 min
Lab File: BF077704.D
Acq: 12 Mar 2015 00:19

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	95.3	79.2	118.8	
201	84.4	69.8	104.6	





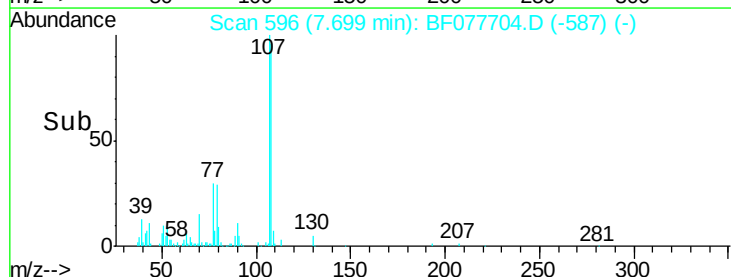
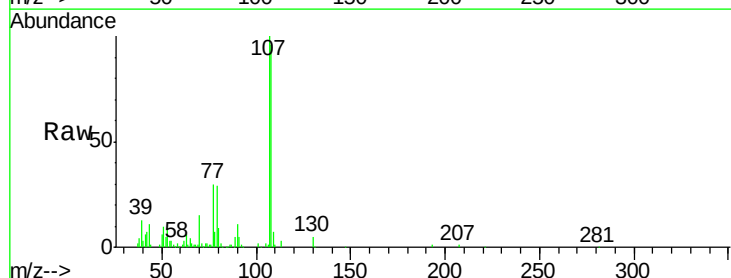
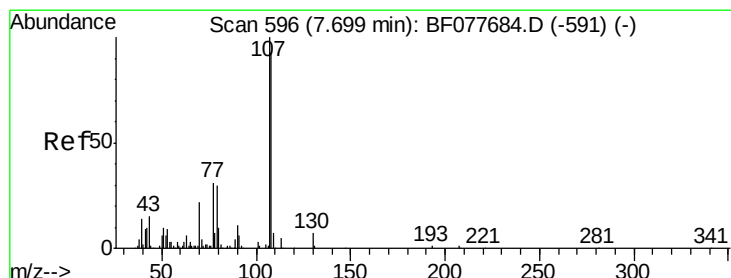
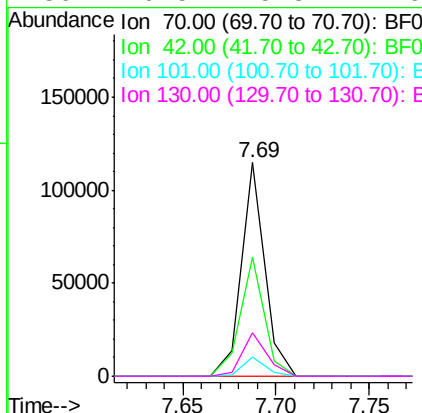
#19
n-Nitroso-di-n-propylamine
Concen: 38.05 ng
RT: 7.69 min Scan# 595
Delta R.T. -0.00 min
Lab File: BF077704.D
Acq: 12 Mar 2015 00:19

Instrument :
BNA_F
ClientSampleId :
PB82075BS

Manual Integrations
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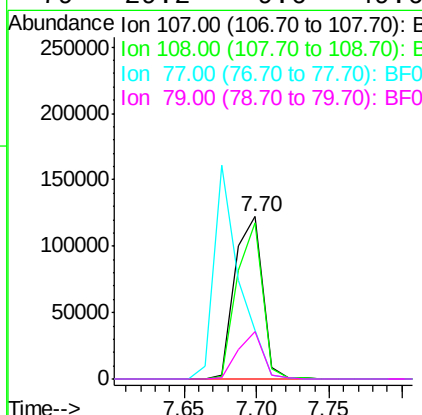
mohammad
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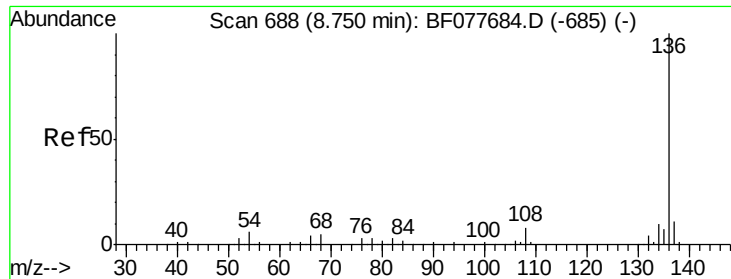
Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	56.0	44.5	66.7	
101	9.2	7.4	11.2	
130	20.5	15.3	22.9	



#20
3+4-Methylphenols
Concen: 41.21 ng
RT: 7.70 min Scan# 596
Delta R.T. -0.00 min
Lab File: BF077704.D
Acq: 12 Mar 2015 00:19

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	96.4	73.2	113.2	
77	29.9	10.7	50.7	
79	29.2	9.6	49.6	





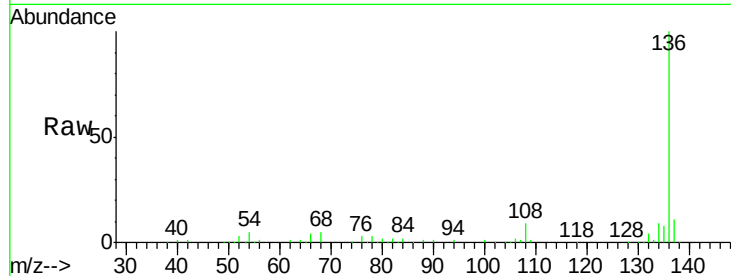
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.75 min Scan# 688
Delta R.T. -0.00 min
Lab File: BF077704.D
Acq: 12 Mar 2015 00:19

Instrument :
BNA_F
ClientSampleId :
PB82075BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	227526		
137	10.5	8.7	13.1	
54	5.4	4.6	6.8	
68	4.6	3.7	5.5	

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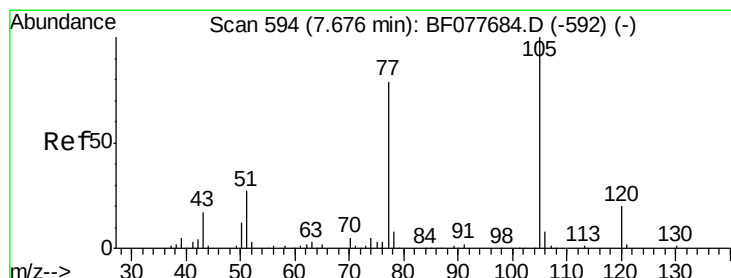
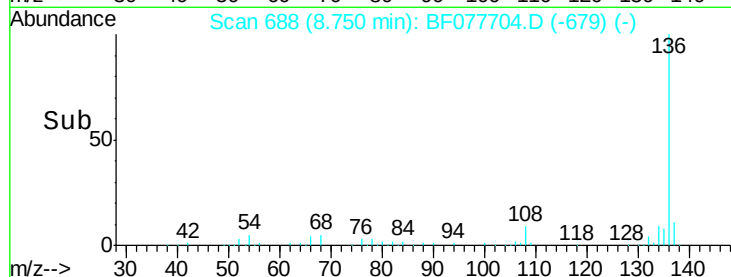
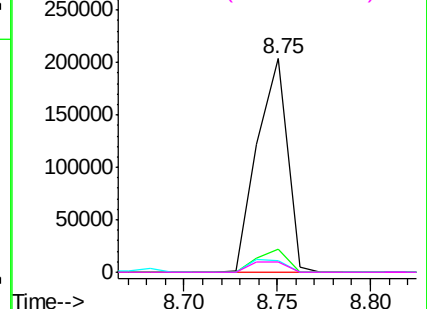
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22
Acetophenone
Concen: 39.72 ng
RT: 7.68 min Scan# 594
Delta R.T. -0.00 min
Lab File: BF077704.D
Acq: 12 Mar 2015 00:19

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	200067		
71	1.3	0.6	1.0#	
51	27.1	21.6	32.4	
120	20.9	16.1	24.1	

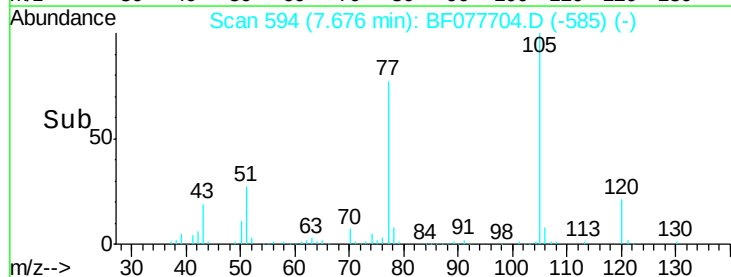
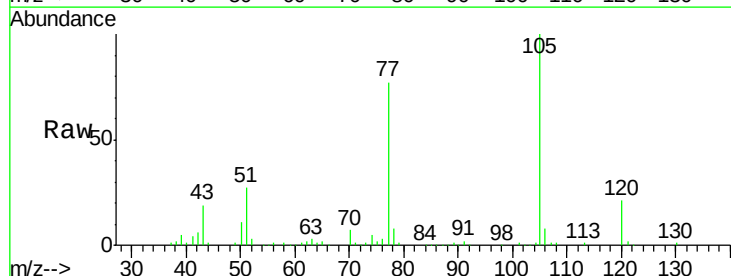
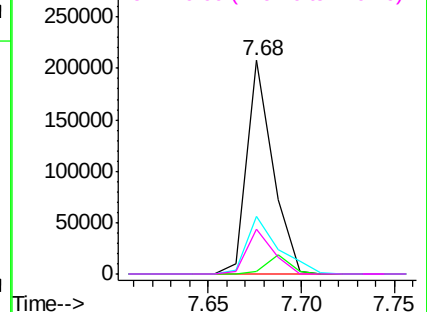
Abundance

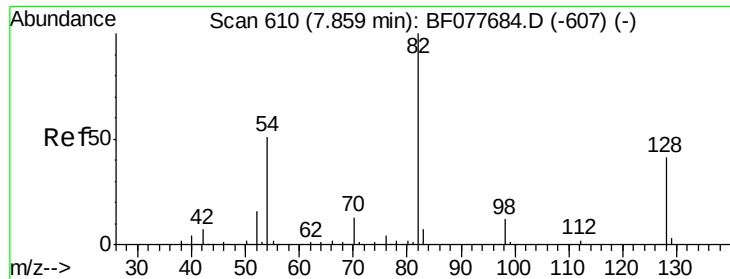
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E





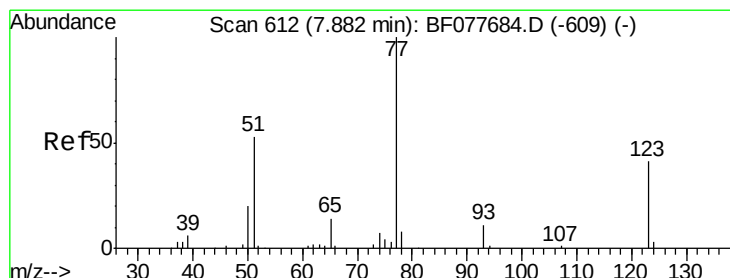
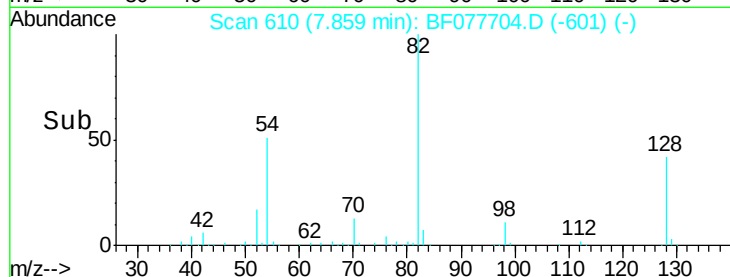
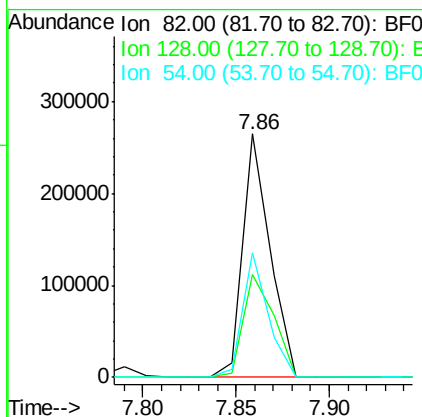
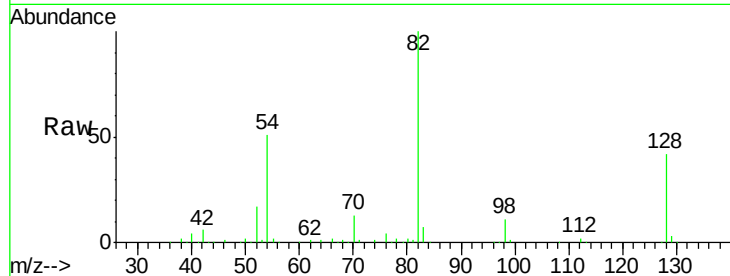
#23
 Nitrobenzene-d5
 Concen: 77.44 ng
 RT: 7.86 min Scan# 610
 Delta R.T. -0.00 min
 Lab File: BF077704.D
 Acq: 12 Mar 2015 00:19

Instrument :
 BNA_F
 ClientSampleId :
 PB82075BS

Tot Ion	Ratio	Resp	Lower	Upper
82	100	268785		
128	42.3		32.8	49.2
54	51.2		40.6	60.8

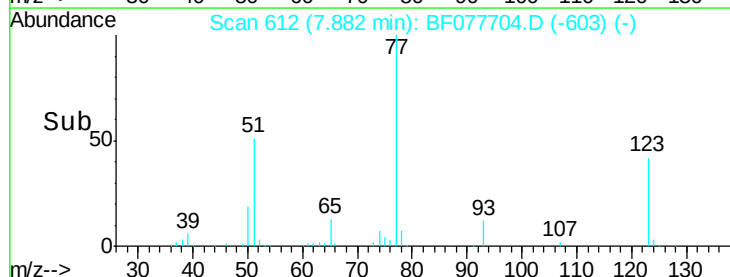
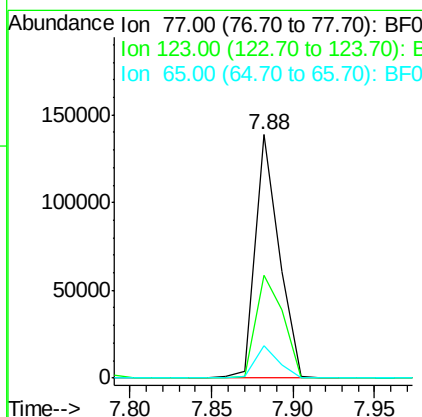
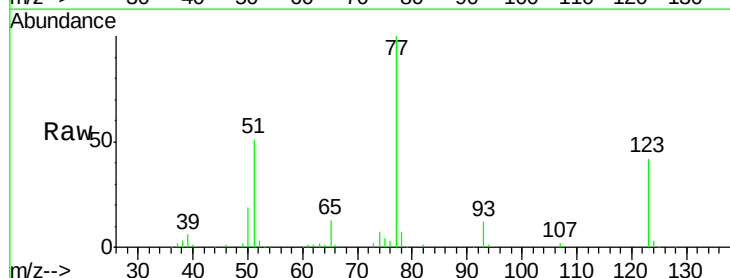
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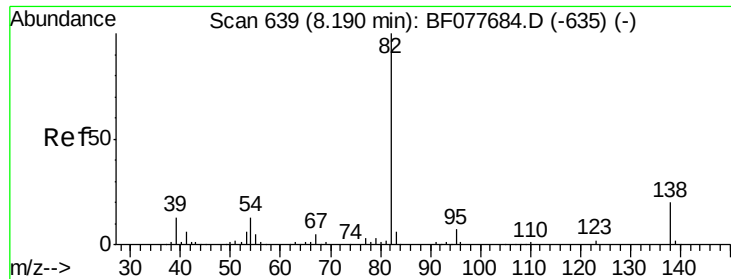
mohammad
 3/13/2015 9:40:46 AM



#24
 Nitrobenzene
 Concen: 37.63 ng
 RT: 7.88 min Scan# 612
 Delta R.T. -0.00 min
 Lab File: BF077704.D
 Acq: 12 Mar 2015 00:19

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	140704		
123	42.4		32.6	49.0
65	13.3		10.9	16.3





#25

Isophorone

Concen: 37.50 ng

RT: 8.18 min Scan# 638

Delta R.T. -0.01 min

Lab File: BF077704.D

Acq: 12 Mar 2015 00:19

Instrument :

BNA_F

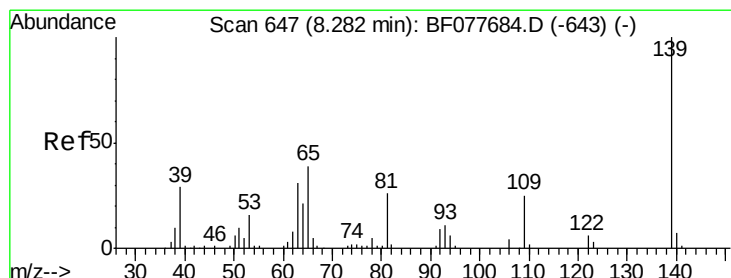
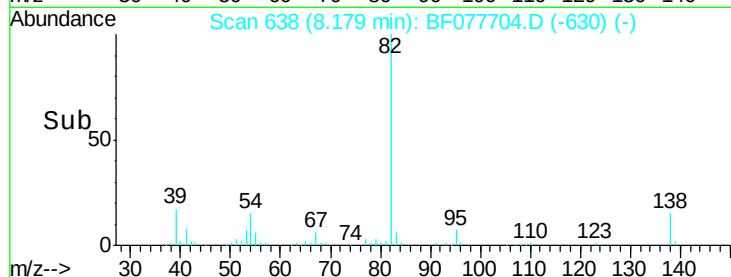
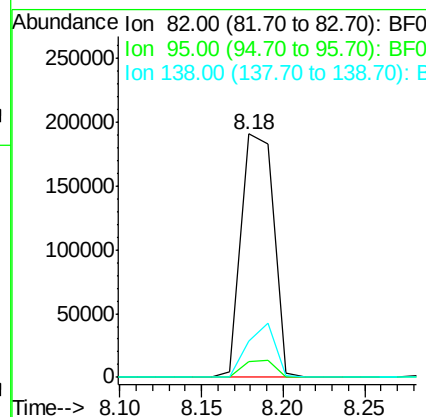
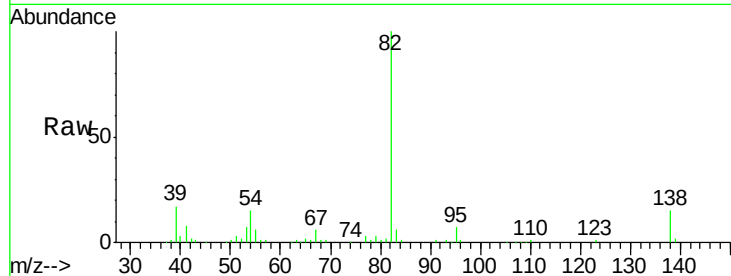
ClientSampleId :

PB82075BS

Tot Ion:	82	Resp:	262856
Ion Ratio		Lower	Upper
82	100		
95	6.5	5.8	8.6
138	15.0	16.3	24.5#

Manual Integrations
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#26

2-Nitrophenol

Concen: 39.45 ng

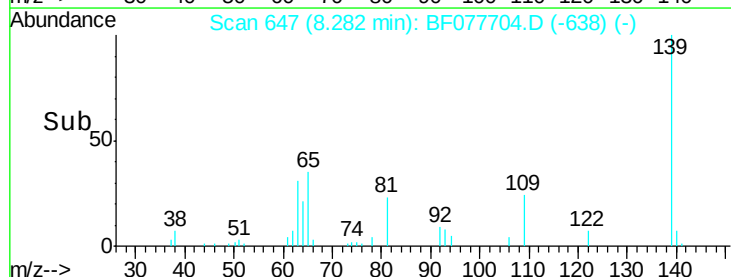
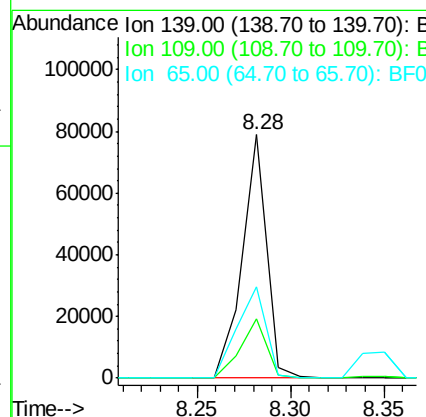
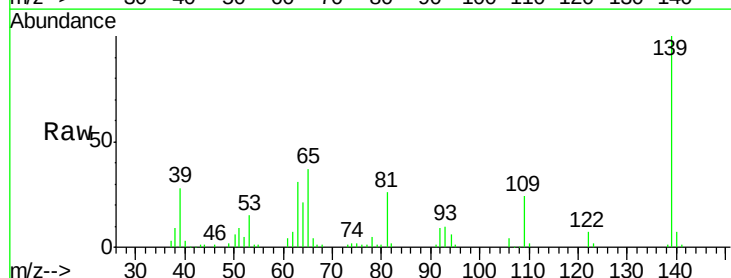
RT: 8.28 min Scan# 647

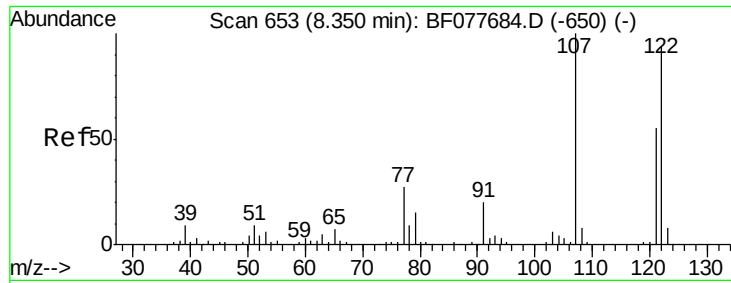
Delta R.T. -0.00 min

Lab File: BF077704.D

Acq: 12 Mar 2015 00:19

Tgt Ion:	139	Resp:	72219
Ion Ratio		Lower	Upper
139	100		
109	24.2	20.1	30.1
65	37.2	31.5	47.3





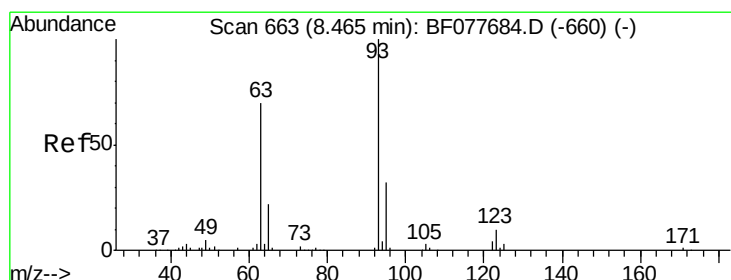
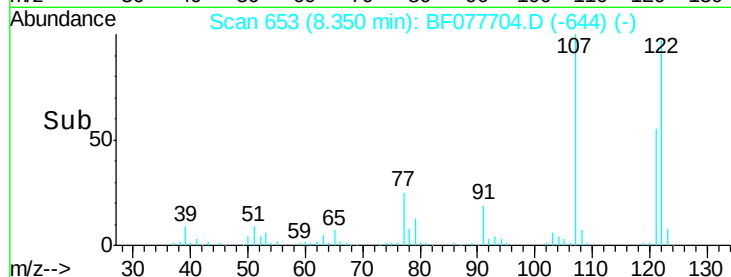
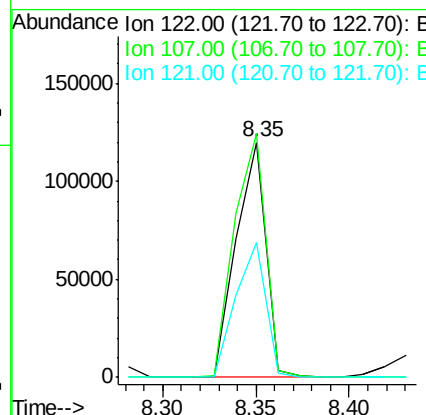
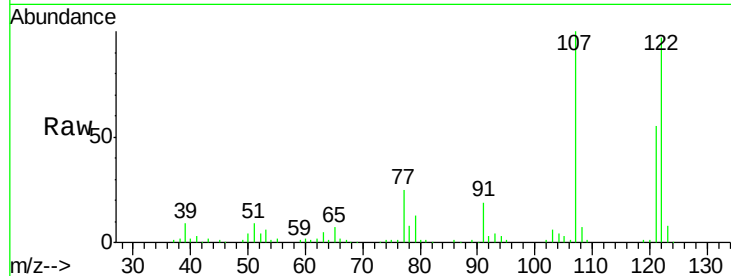
#27
 2,4-Dimethylphenol
 Concen: 40.26 ng
 RT: 8.35 min Scan# 653
 Delta R.T. -0.00 min
 Lab File: BF077704.D
 Acq: 12 Mar 2015 00:19

Instrument :
 BNA_F
 ClientSampleId :
 PB82075BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
122	100		134268		
107	103.5	84.7	127.1		
121	57.3	46.6	69.8		

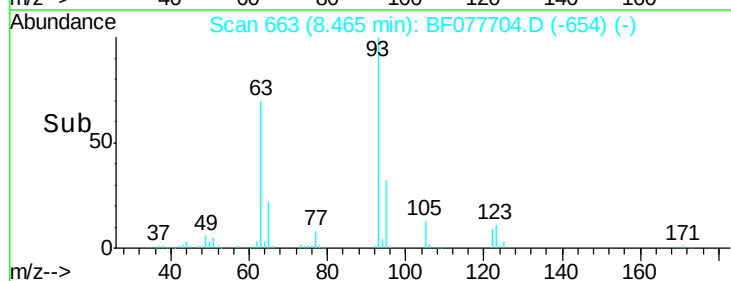
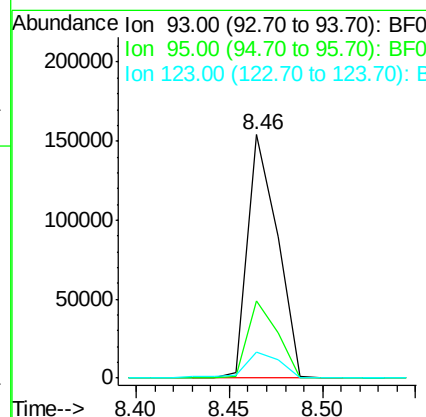
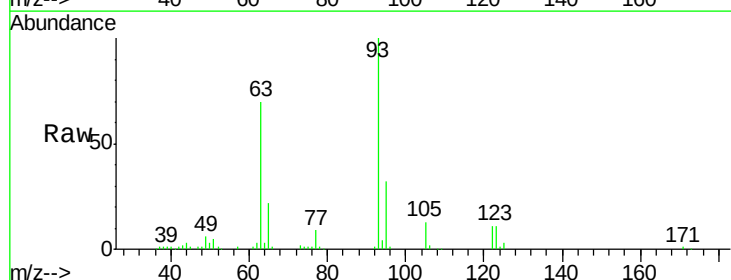
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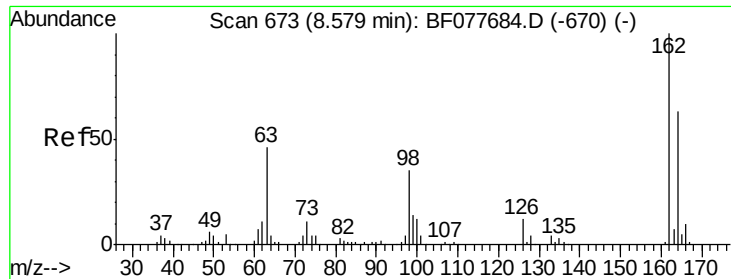
mohammad
 3/13/2015 9:40:46 AM



#28
 bis(2-Chloroethoxy)methane
 Concen: 39.85 ng
 RT: 8.46 min Scan# 663
 Delta R.T. -0.00 min
 Lab File: BF077704.D
 Acq: 12 Mar 2015 00:19

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
93	100		169535		
95	31.9	25.5	38.3		
123	10.7	8.6	13.0		





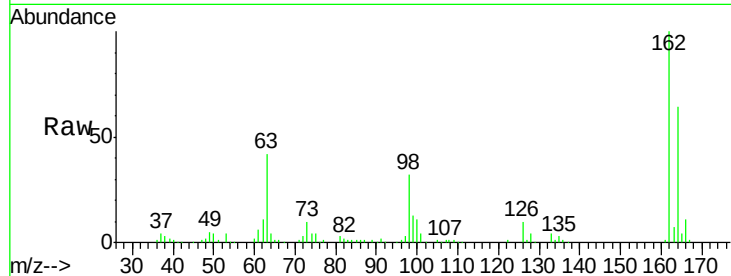
#29
 2,4-Dichlorophenol
 Concen: 41.25 ng
 RT: 8.58 min Scan# 673
 Delta R.T. -0.00 min
 Lab File: BF077704.D
 Acq: 12 Mar 2015 00:19

Instrument :
 BNA_F
 ClientSampleId :
 PB82075BS

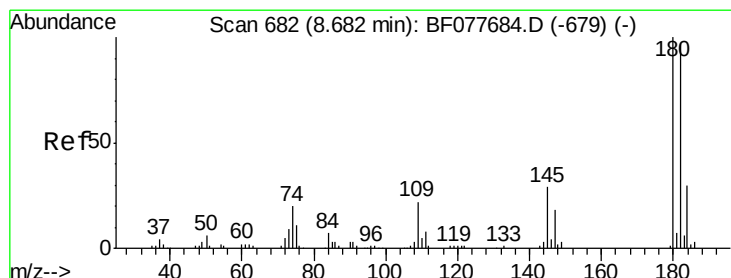
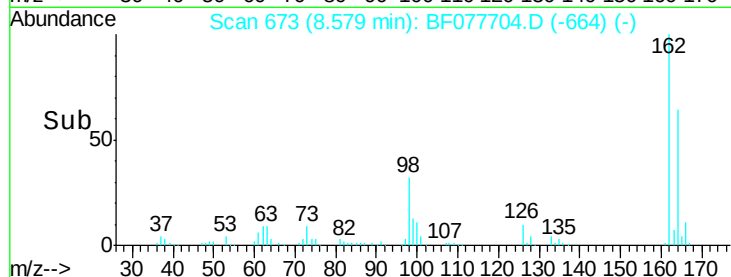
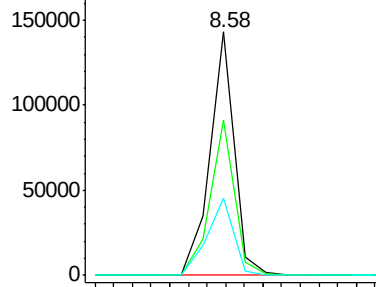
Tot Ion	Ion	Ratio	Resp	Lower	Upper
162	100		131126		
164	63.8		42.8	82.8	
98	31.8		14.5	54.5	

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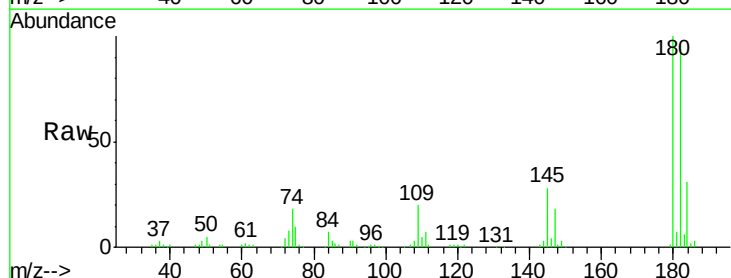


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

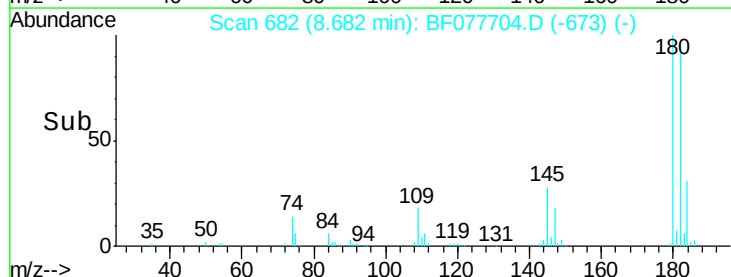
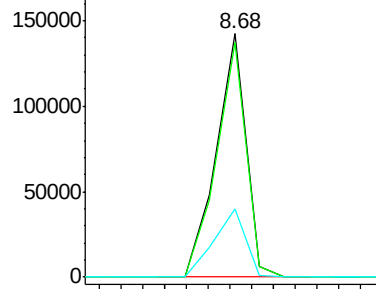


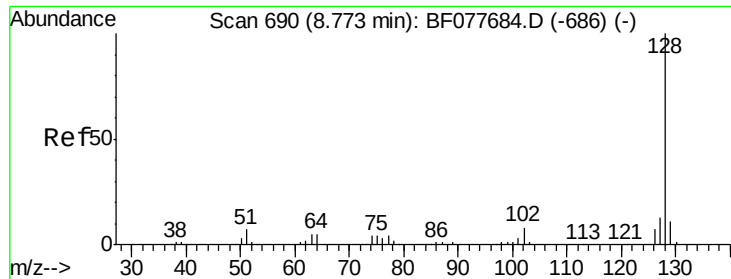
#30
 1,2,4-Trichlorobenzene
 Concen: 38.03 ng
 RT: 8.68 min Scan# 682
 Delta R.T. -0.00 min
 Lab File: BF077704.D
 Acq: 12 Mar 2015 00:19

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
180	100		135269		
182	96.2		77.6	116.4	
145	28.2		23.4	35.2	



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





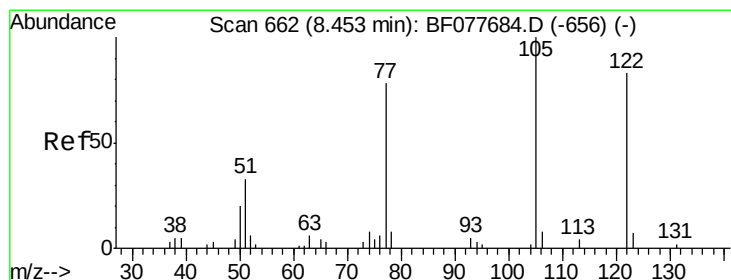
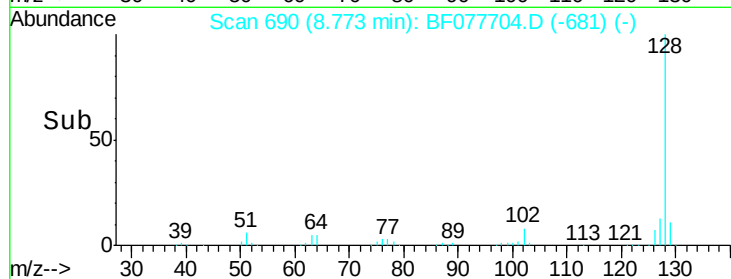
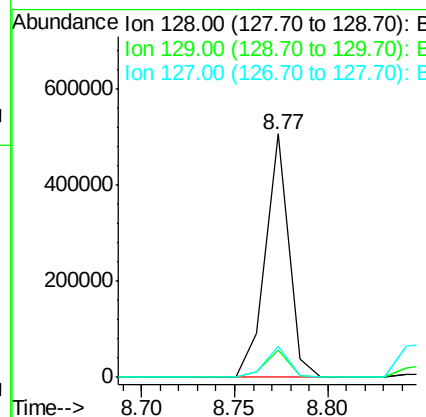
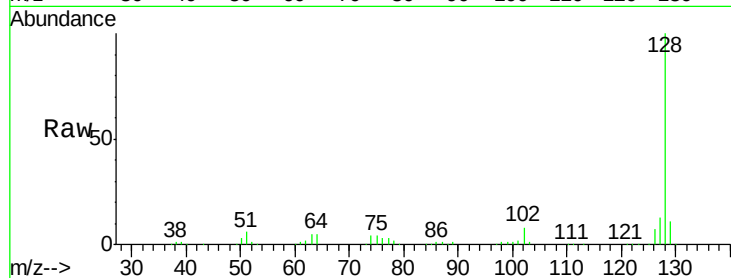
#31
Naphthalene
Concen: 37.33 ng
RT: 8.77 min Scan# 690
Delta R.T. -0.00 min
Lab File: BF077704.D
Acq: 12 Mar 2015 00:19

Instrument :
BNA_F
ClientSampleId :
PB82075BS

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.2	8.9	13.3
127	12.9	10.4	15.6

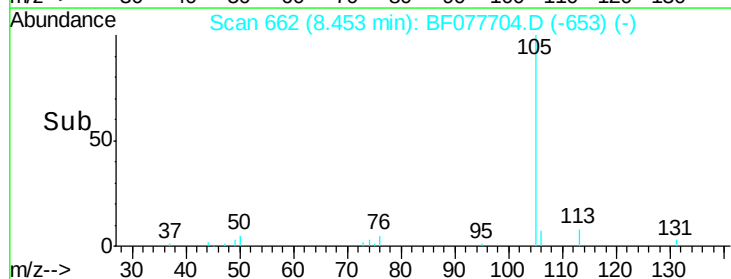
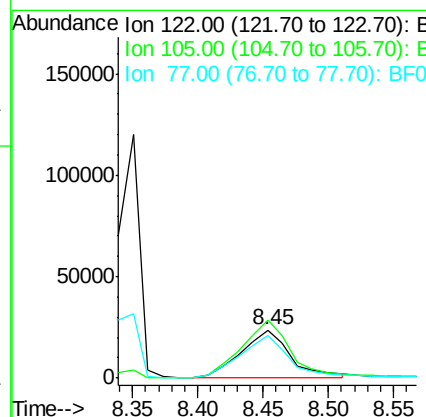
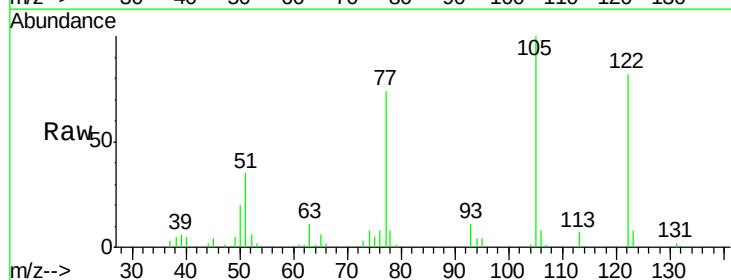
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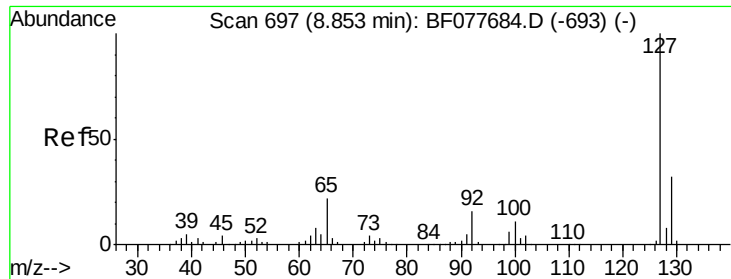
mohammad
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#32
Benzoic acid
Concen: 34.78 ng
RT: 8.45 min Scan# 662
Delta R.T. 0.00 min
Lab File: BF077704.D
Acq: 12 Mar 2015 00:19

Tgt Ion	Ratio	Lower	Upper
122	100		
105	121.4	99.9	139.9
77	89.8	73.7	113.7





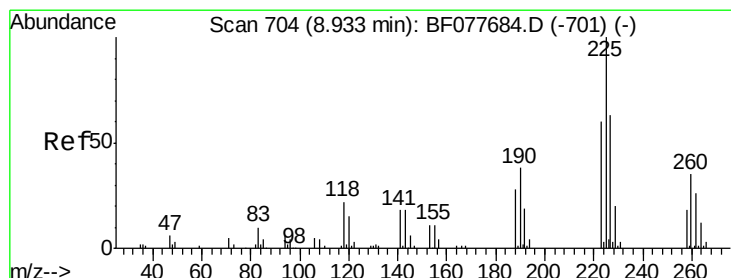
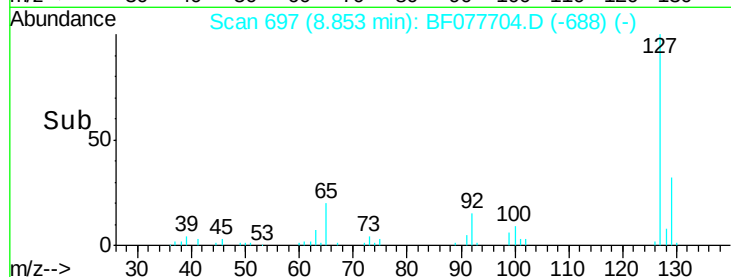
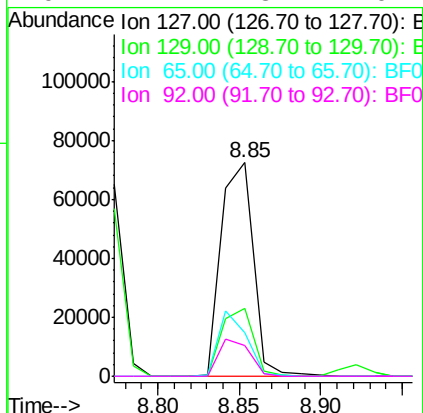
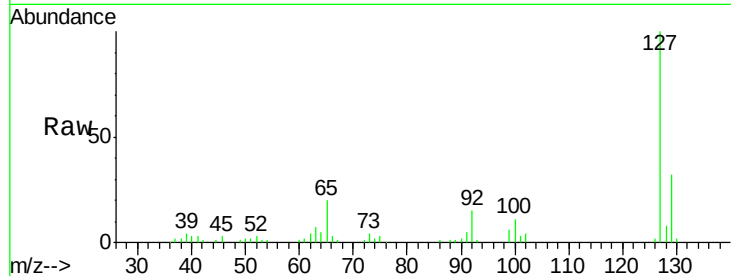
#33
4-Chloroaniline
Concen: 20.93 ng
RT: 8.85 min Scan# 697
Delta R.T. -0.00 min
Lab File: BF077704.D
Acq: 12 Mar 2015 00:19

Instrument :
BNA_F
ClientSampleId :
PB82075BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	31.8	25.3	37.9		
65	20.2	17.6	26.4		
92	14.7	13.1	19.7		

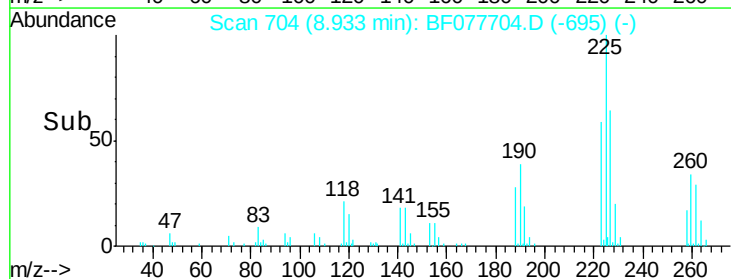
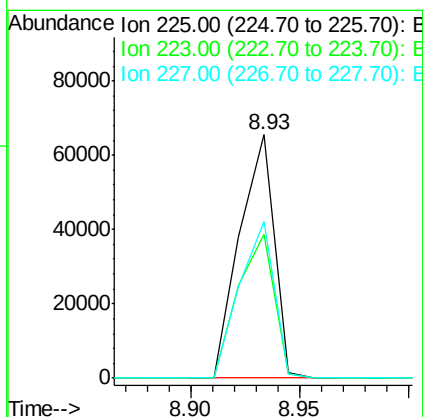
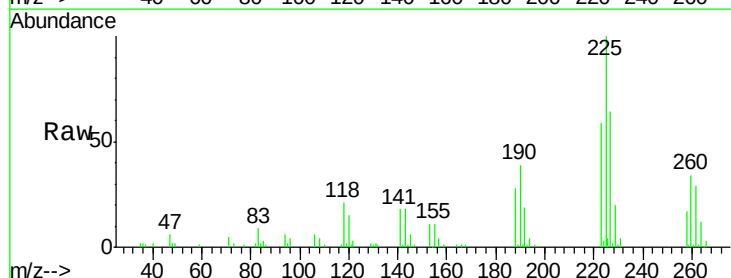
Manual Integrations
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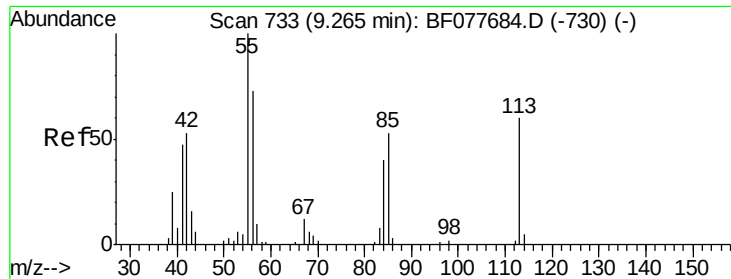
mohammad
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#34
Hexachlorobutadiene
Concen: 35.75 ng
RT: 8.93 min Scan# 704
Delta R.T. -0.00 min
Lab File: BF077704.D
Acq: 12 Mar 2015 00:19

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	58.9	47.9	71.9		
227	64.1	50.1	75.1		





#35

Caprolactam

Concen: 41.12 ng

RT: 9.26 min Scan# 733

Delta R.T. -0.00 min

Lab File: BF077704.D

Acq: 12 Mar 2015 00:19

Instrument :

BNA_F

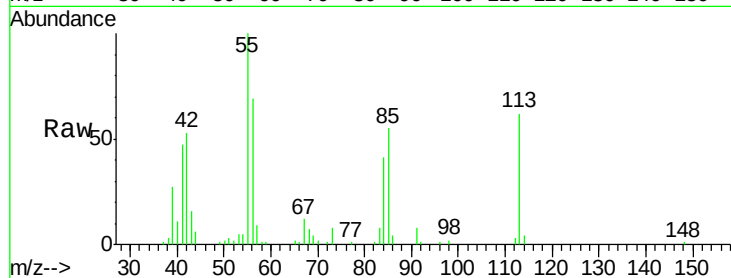
ClientSampleId :

PB82075BS

Tot Ion:	113	Resp:	38207
Ion Ratio	Lower	Upper	
113	100		
55	160.1	145.9	185.9
56	110.0	101.0	141.0

Manual Integrations
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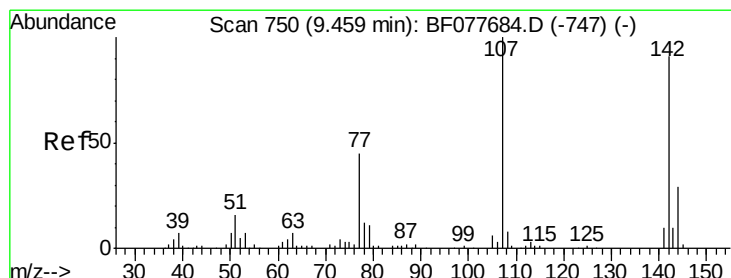
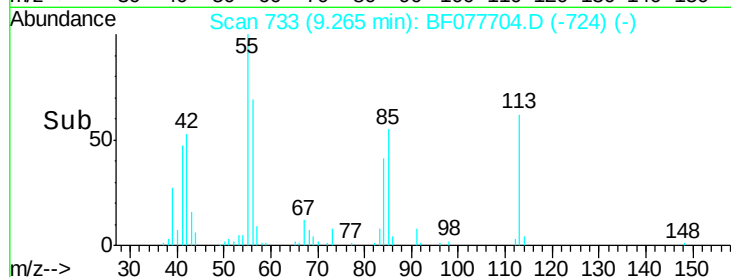
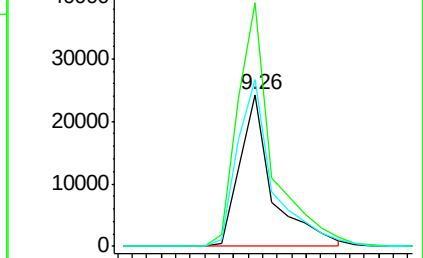
mohammad
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Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 40.82 ng

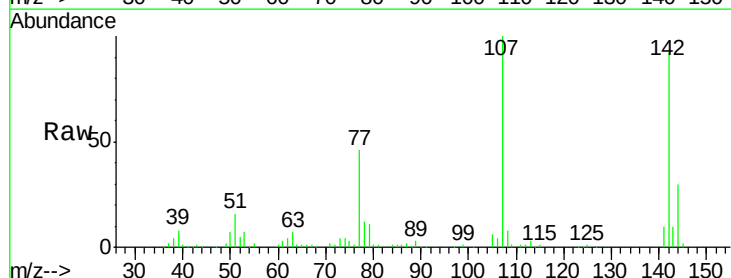
RT: 9.46 min Scan# 750

Delta R.T. -0.00 min

Lab File: BF077704.D

Acq: 12 Mar 2015 00:19

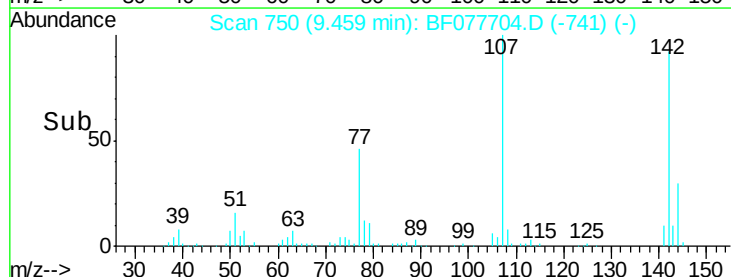
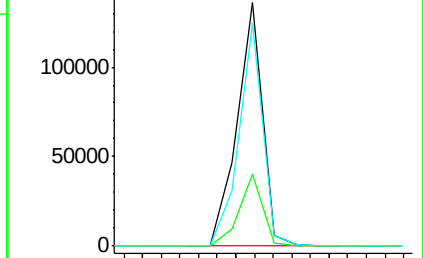
Tgt Ion:	107	Resp:	130572
Ion Ratio	Lower	Upper	
107	100		
144	29.9	23.3	34.9
142	91.8	72.6	109.0

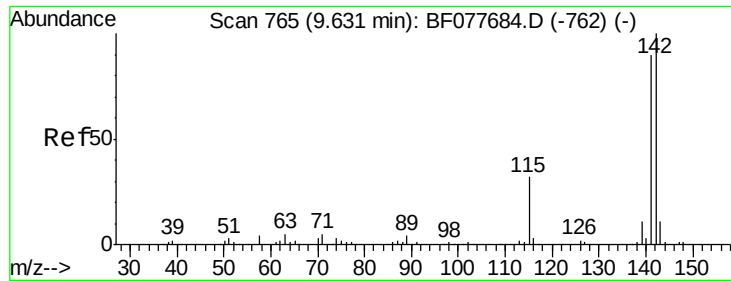


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





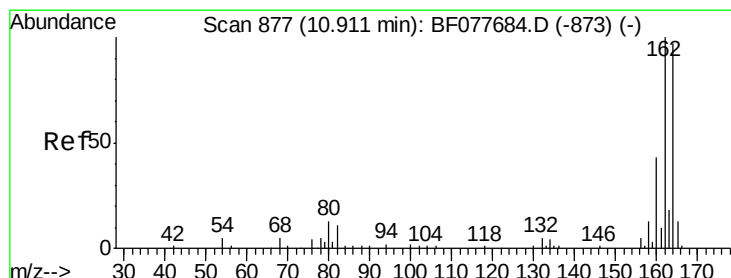
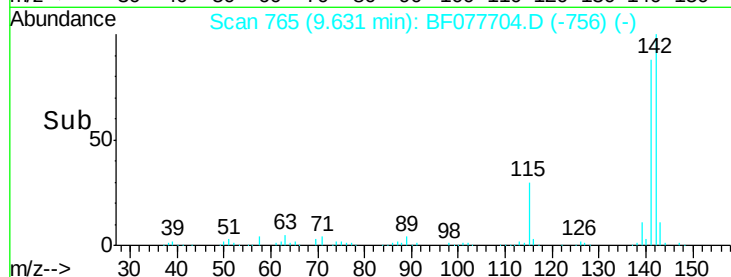
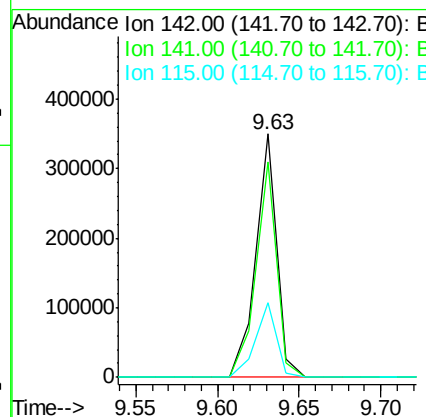
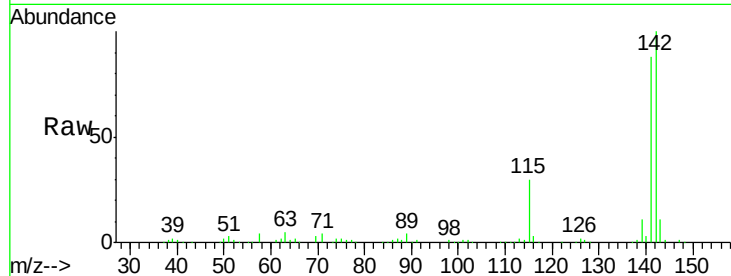
#37
2-Methylnaphthalene
Concen: 39.72 ng
RT: 9.63 min Scan# 765
Delta R.T. -0.00 min
Lab File: BF077704.D
Acq: 12 Mar 2015 00:19

Instrument :
BNA_F
ClientSampleId :
PB82075BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.3	71.9	107.9
115	30.5	25.4	38.0

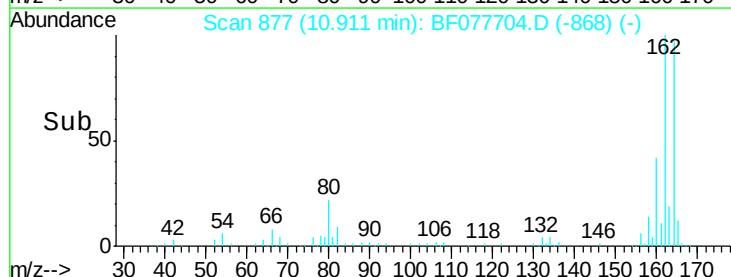
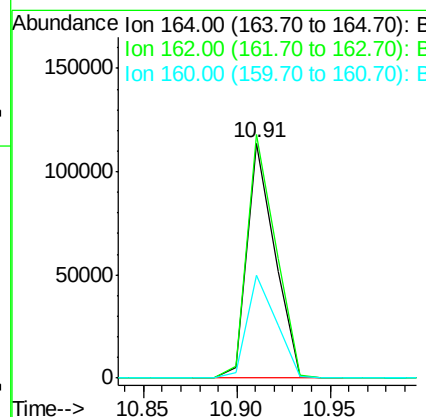
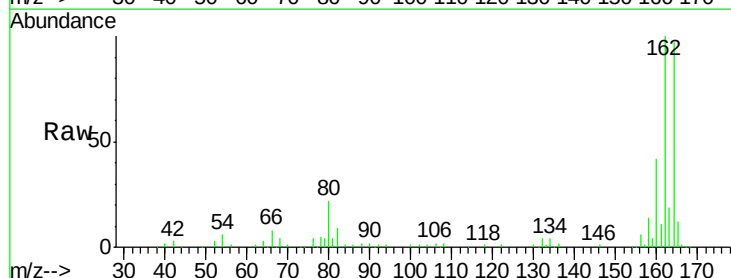
Manual Integrations
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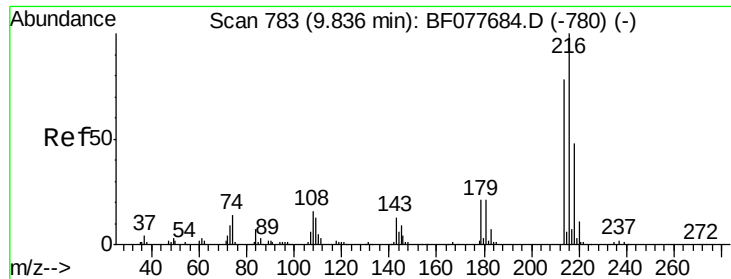
mohammad
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.91 min Scan# 877
Delta R.T. -0.00 min
Lab File: BF077704.D
Acq: 12 Mar 2015 00:19

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.6	82.4	123.6
160	43.9	35.8	53.6





#39

1,2,4,5-Tetrachlorobenzene

Concen: 38.97 ng

RT: 9.84 min Scan# 783

Delta R.T. -0.00 min

Lab File: BF077704.D

Acq: 12 Mar 2015 00:19

Instrument :

BNA_F

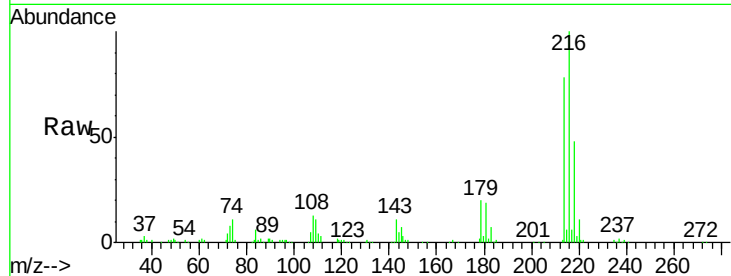
ClientSampleId :

PB82075BS

Tot Ion	Ratio	Resp Lower	Upper
216	100		
214	78.1	0.0	0.0#
179	21.0	0.0	0.0#
108	19.1	0.0	0.0#

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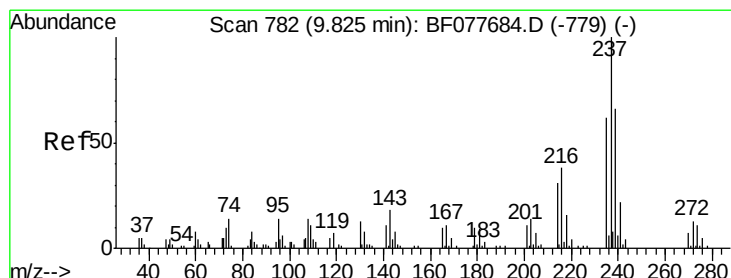
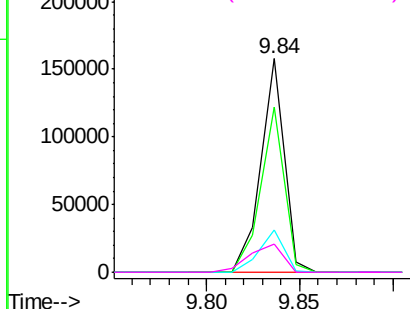
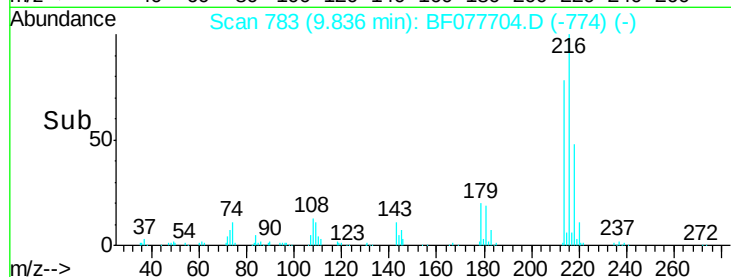
Abundance

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: 77.59 ng

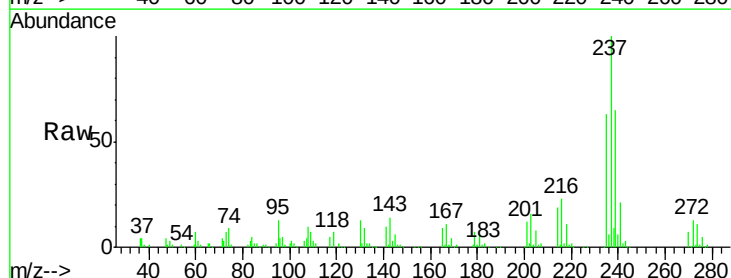
RT: 9.82 min Scan# 782

Delta R.T. 0.00 min

Lab File: BF077704.D

Acq: 12 Mar 2015 00:19

Tgt Ion	Ratio	Resp Lower	Upper
237	100		
235	62.8	42.0	82.0
272	13.0	0.0	33.4

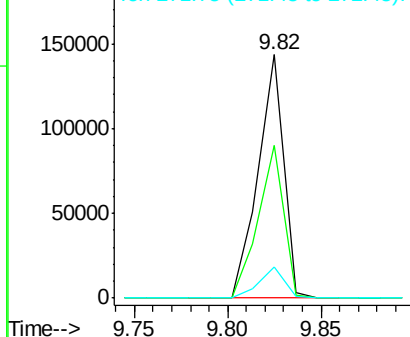
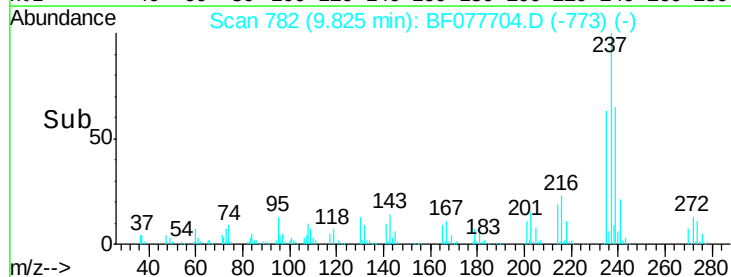


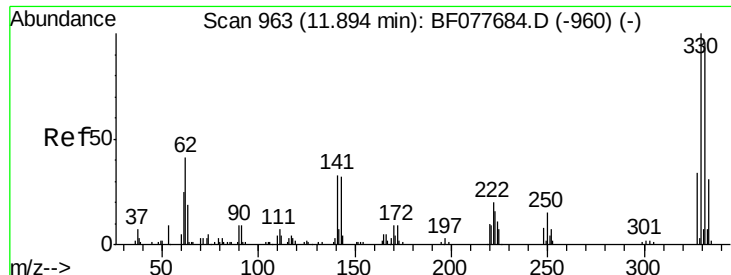
Abundance

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





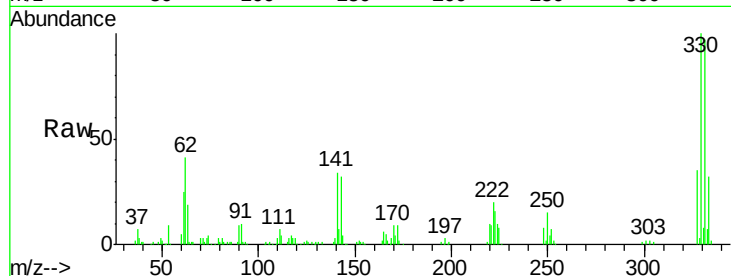
#41
 2,4,6-Tribromophenol
 Concen: 110.83 ng
 RT: 11.89 min Scan# 963
 Delta R.T. -0.00 min
 Lab File: BF077704.D
 Acq: 12 Mar 2015 00:19

Instrument :
 BNA_F
 ClientSampleId :
 PB82075BS

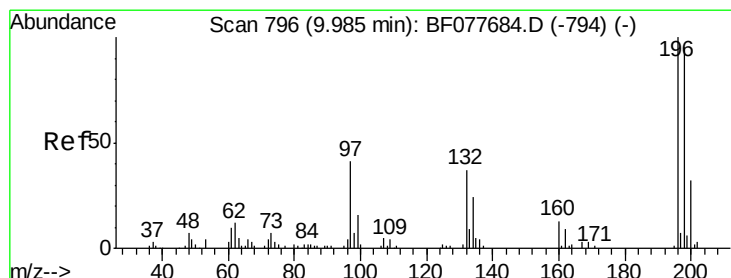
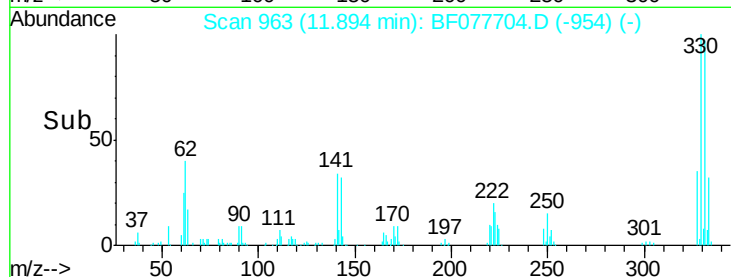
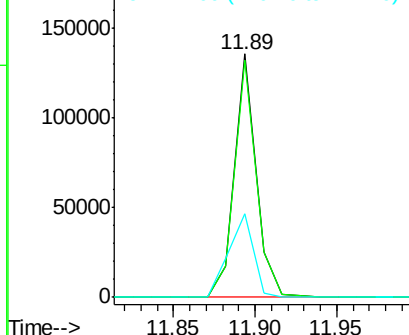
Tot Ion	Ratio	Resp Lower	Upper
330	100		
332	97.9	0.0	0.0#
141	39.2	0.0	0.0#

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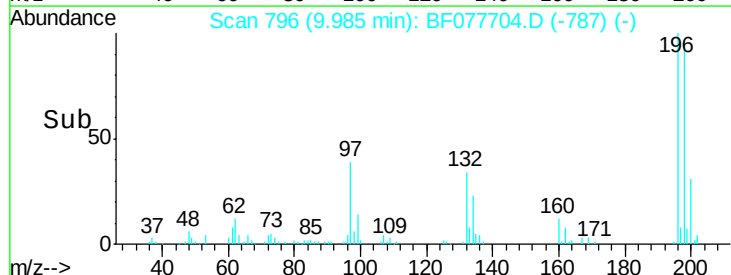
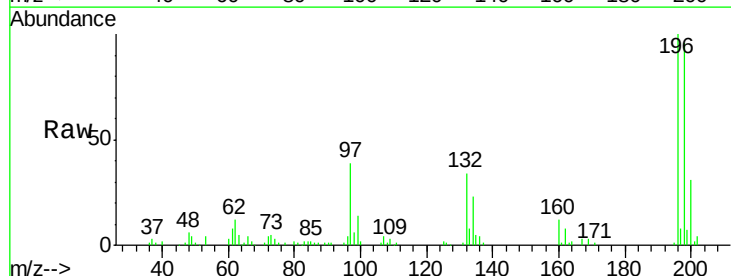
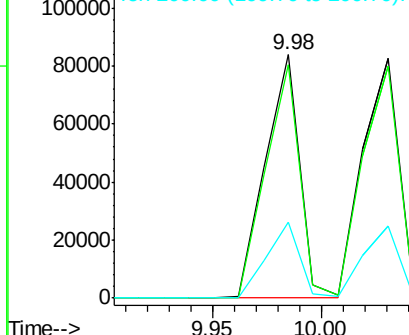
Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

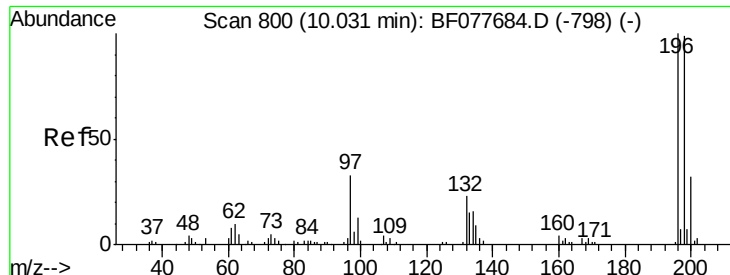


#42
 2,4,6-Trichlorophenol
 Concen: 38.25 ng
 RT: 9.98 min Scan# 796
 Delta R.T. -0.00 min
 Lab File: BF077704.D
 Acq: 12 Mar 2015 00:19

Tgt Ion	Ratio	Resp Lower	Upper
196	100		
198	95.9	76.3	114.5
200	31.1	25.6	38.4

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





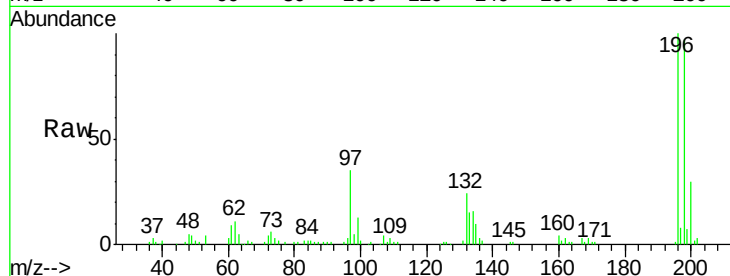
#43
 2,4,5-Trichlorophenol
 Concen: 36.66 ng
 RT: 10.03 min Scan# 800
 Delta R.T. -0.00 min
 Lab File: BF077704.D
 Acq: 12 Mar 2015 00:19

Instrument :
 BNA_F
 ClientSampleId :
 PB82075BS

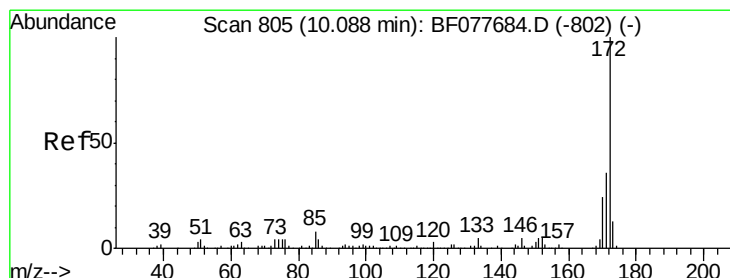
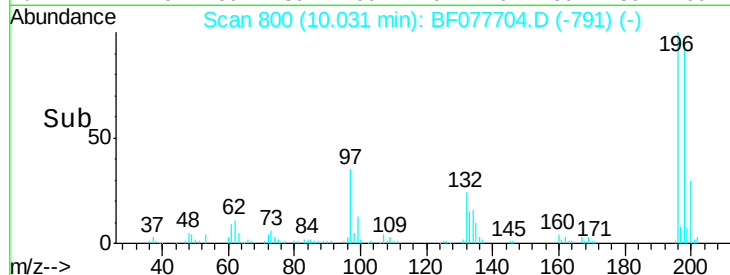
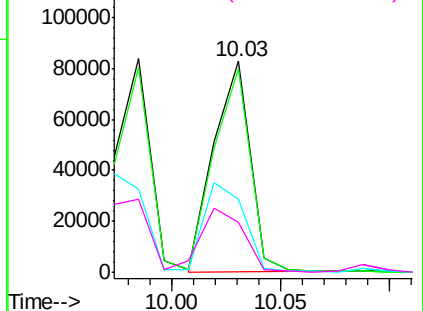
Tot Ion	Ion	Ratio	Resp	Lower	Upper
196	100		96154		
198	96.6	79.4	119.0		
97	34.6	26.8	40.2		
132	23.6	18.6	28.0		

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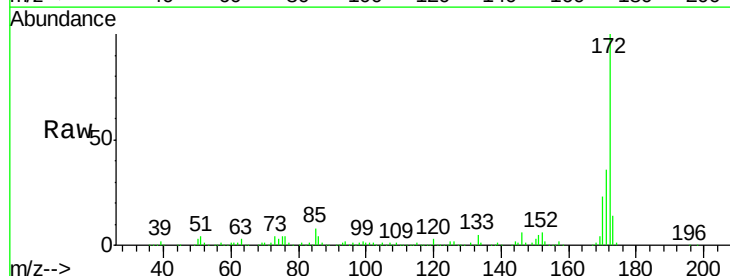


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

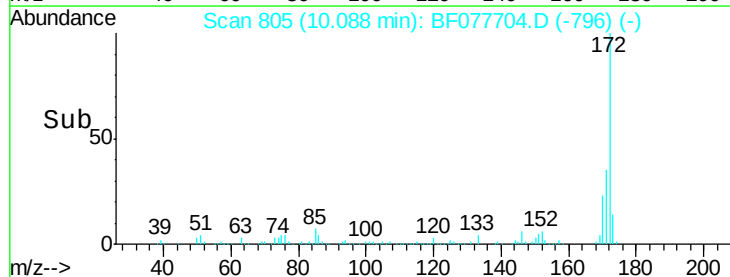
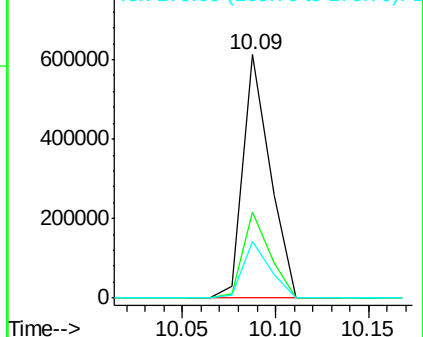


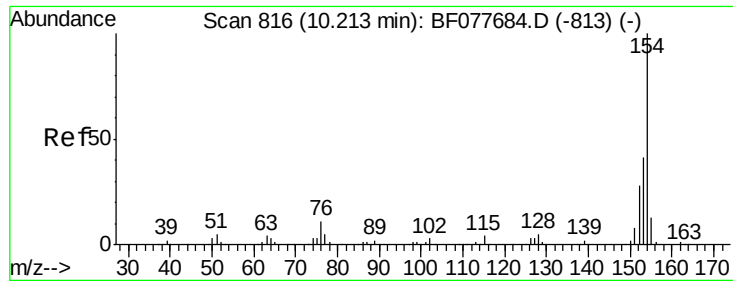
#44
 2-Fluorobiphenyl
 Concen: 77.50 ng
 RT: 10.09 min Scan# 805
 Delta R.T. -0.00 min
 Lab File: BF077704.D
 Acq: 12 Mar 2015 00:19

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
172	100		619621		
171	35.6	28.5	42.7		
170	23.4	18.8	28.2		



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





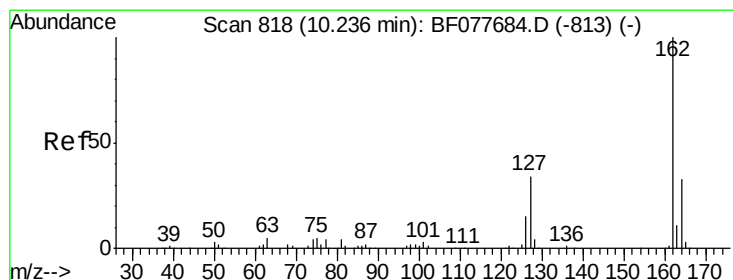
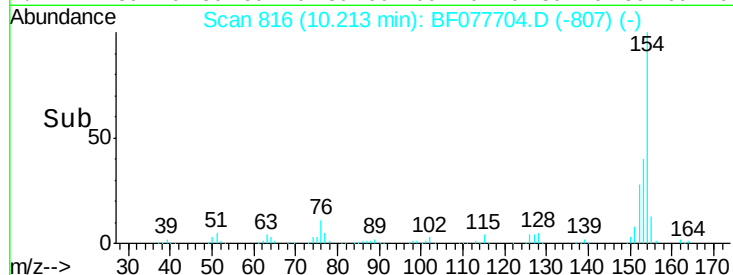
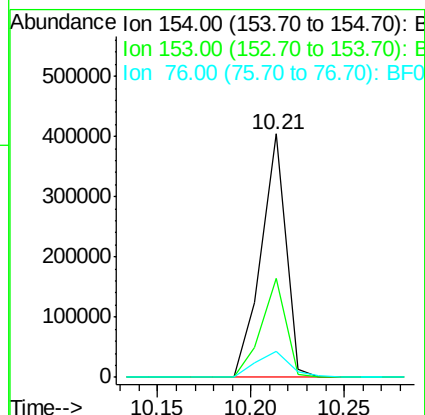
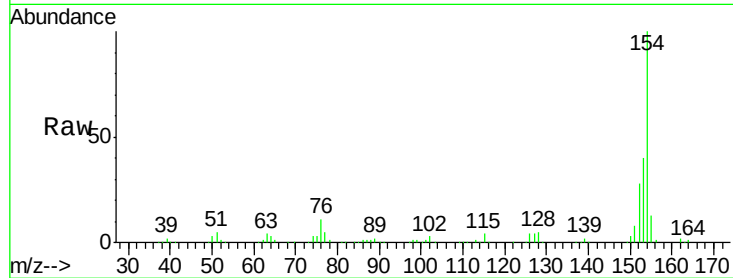
#45
1,1'-Biphenyl
Concen: 39.50 ng
RT: 10.21 min Scan# 816
Delta R.T. -0.00 min
Lab File: BF077704.D
Acq: 12 Mar 2015 00:19

Instrument :
BNA_F
ClientSampleId :
PB82075BS

Tot Ion:	154	Resp:	370995
Ion Ratio	Lower	Upper	
154	100		
153	40.5	20.7	60.7
76	10.5	0.0	30.9

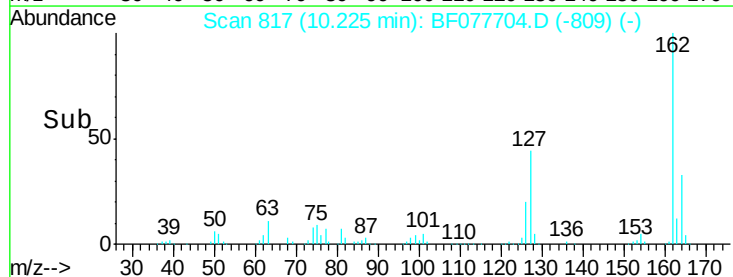
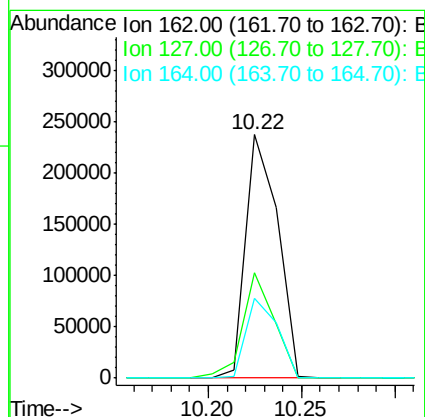
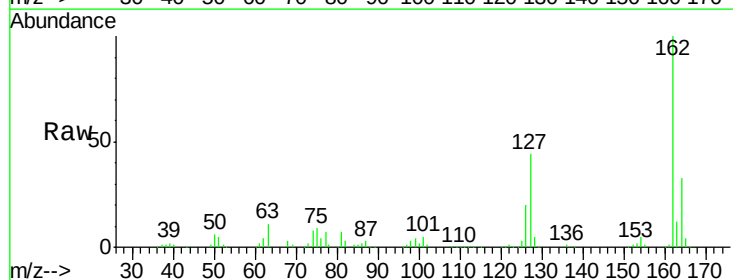
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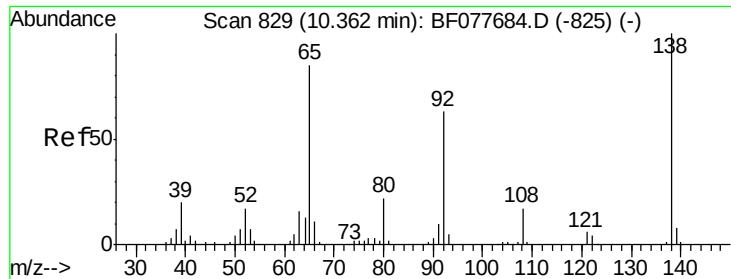
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3/13/2015 9:40:46 AM



#46
2-Chloronaphthalene
Concen: 37.23 ng
RT: 10.22 min Scan# 817
Delta R.T. -0.01 min
Lab File: BF077704.D
Acq: 12 Mar 2015 00:19

Tgt Ion:	162	Resp:	284197
Ion Ratio	Lower	Upper	
162	100		
127	43.5	26.9	40.3#
164	33.0	26.8	40.2





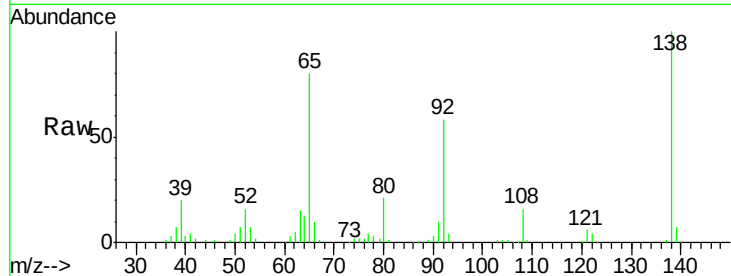
#47
2-Nitroaniline
Concen: 41.03 ng
RT: 10.36 min Scan# 829
Delta R.T. -0.00 min
Lab File: BF077704.D
Acq: 12 Mar 2015 00:19

Instrument :
BNA_F
ClientSampleId :
PB82075BS

Tot Ion	Ratio	Lower	Upper
65	100		
92	72.5	59.1	88.7
138	124.4	93.9	140.9

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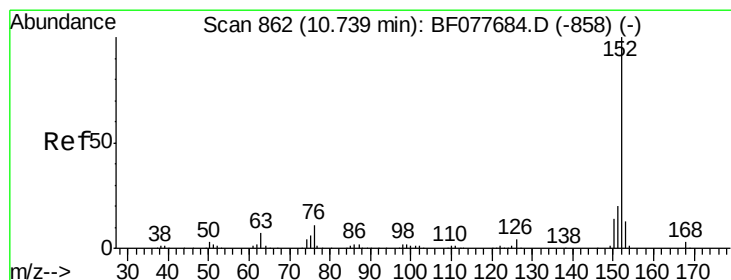
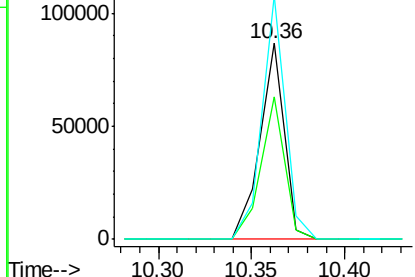
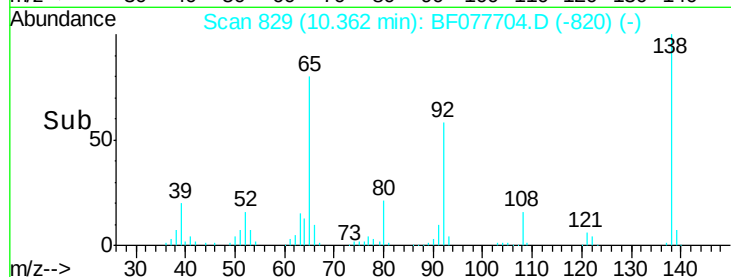


Abundance

Ion 65.00 (64.70 to 65.70): BF077704.D (-820) (-)

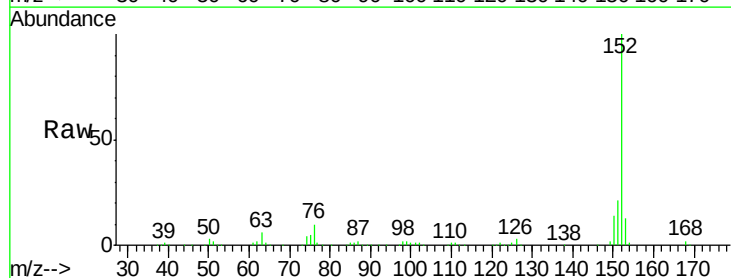
Ion 92.00 (91.70 to 92.70): BF077704.D (-820) (-)

Ion 138.00 (137.70 to 138.70): BF077704.D (-820) (-)



#48
Acenaphthylene
Concen: 36.52 ng
RT: 10.74 min Scan# 862
Delta R.T. -0.00 min
Lab File: BF077704.D
Acq: 12 Mar 2015 00:19

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.6	15.9	23.9
153	13.3	10.6	16.0

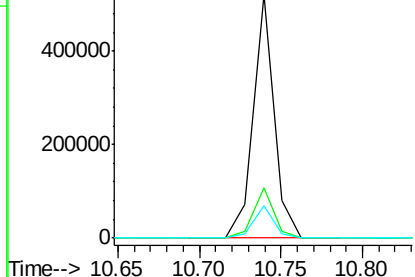
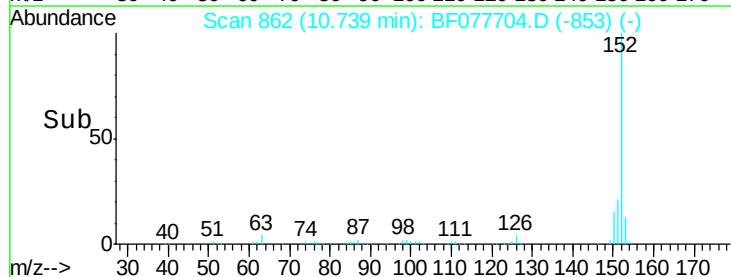


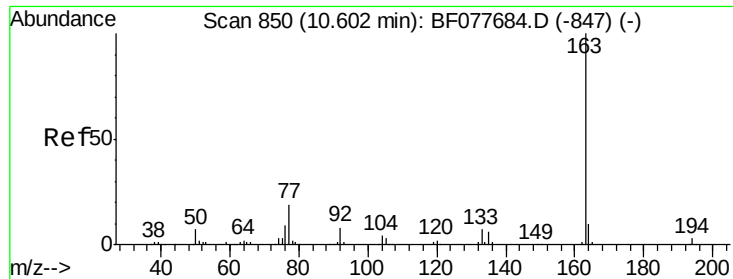
Abundance

Ion 152.00 (151.70 to 152.70): BF077704.D (-853) (-)

Ion 151.00 (150.70 to 151.70): BF077704.D (-853) (-)

Ion 153.00 (152.70 to 153.70): BF077704.D (-853) (-)





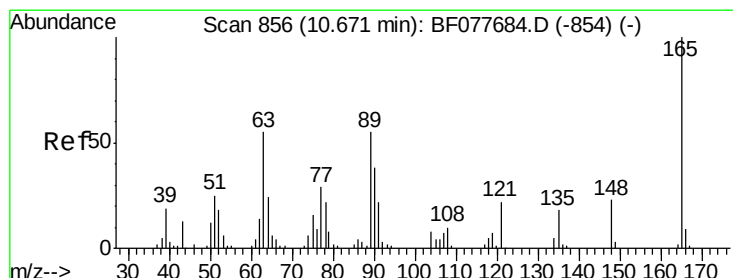
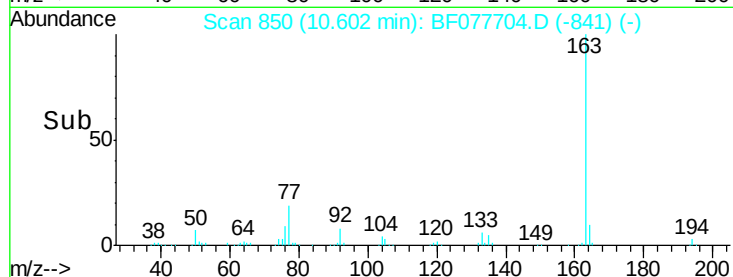
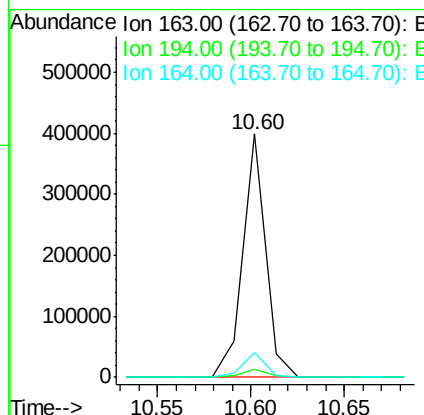
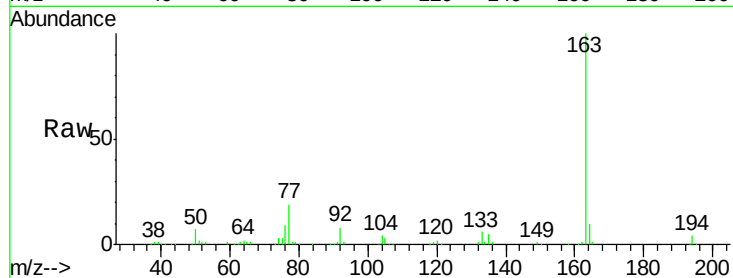
#49
Dimethylphthalate
Concen: 39.03 ng
RT: 10.60 min Scan# 850
Delta R.T. -0.00 min
Lab File: BF077704.D
Acq: 12 Mar 2015 00:19

Instrument :
BNA_F
ClientSampleId :
PB82075BS

Tot Ion	Ratio	Resp	Lower	Upper
163	100	340132		
194	3.6		2.7	4.1
164	10.3		8.2	12.2

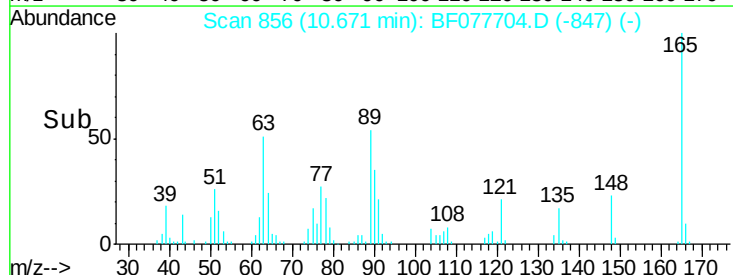
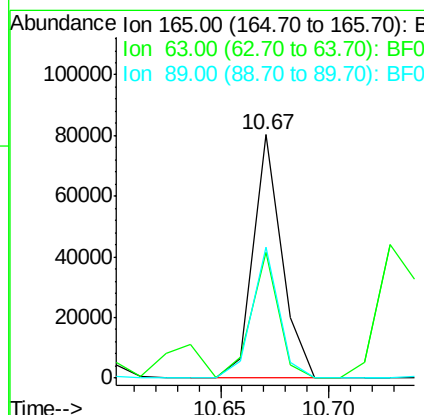
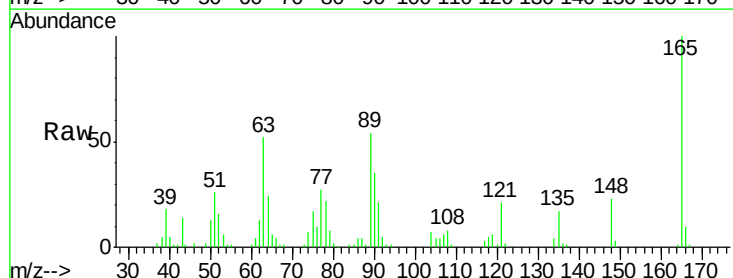
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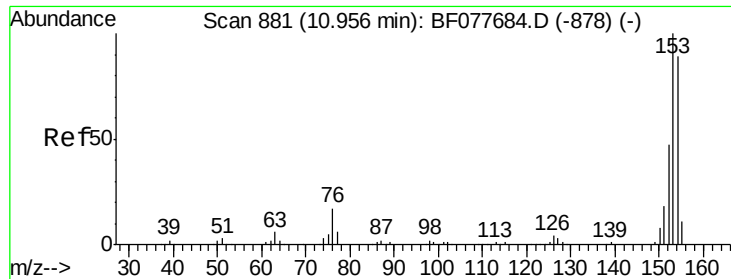
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#50
2,6-Dinitrotoluene
Concen: 40.47 ng
RT: 10.67 min Scan# 856
Delta R.T. -0.00 min
Lab File: BF077704.D
Acq: 12 Mar 2015 00:19

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	73115		
63	51.8		44.1	66.1
89	53.6		44.3	66.5





#51

Acenaphthene

Concen: 36.32 ng

RT: 10.96 min Scan# 881

Delta R.T. -0.00 min

Lab File: BF077704.D

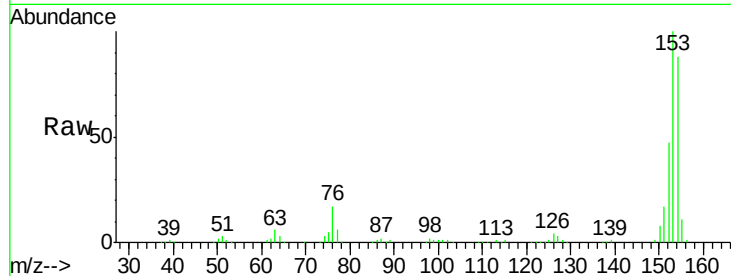
Acq: 12 Mar 2015 00:19

Instrument :

BNA_F

ClientSampleId :

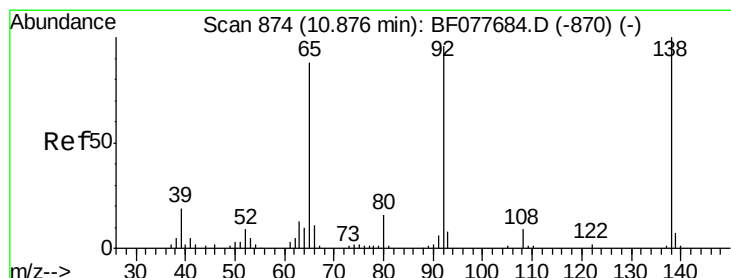
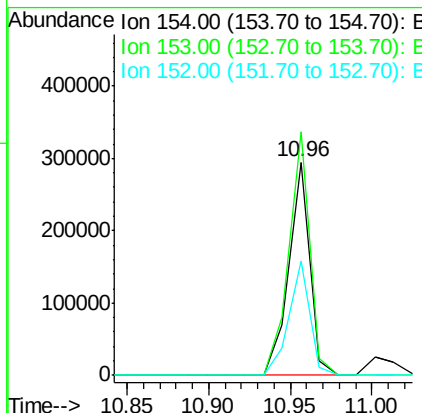
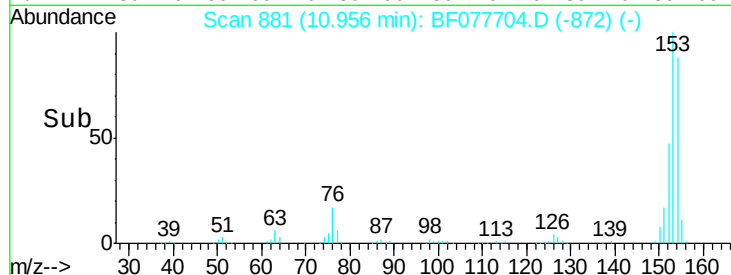
PB82075BS



Tot Ion:	154	Resp:	264351
Ion Ratio	Lower	Upper	
154	100		
153	114.2	90.0	135.0
152	53.8	42.6	63.8

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#52

3-Nitroaniline

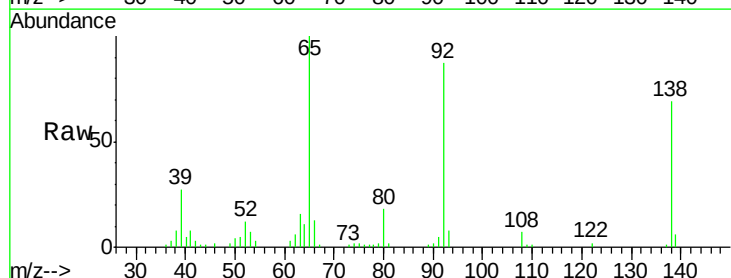
Concen: 25.88 ng

RT: 10.86 min Scan# 873

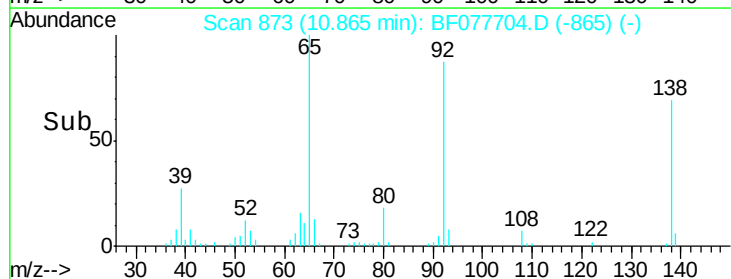
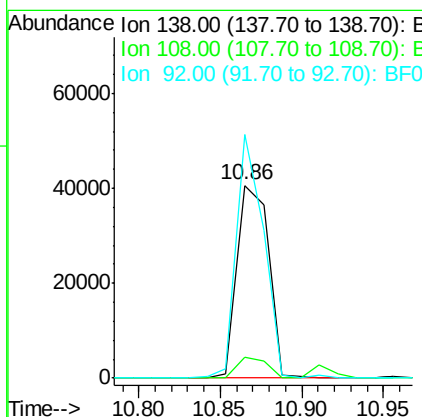
Delta R.T. -0.01 min

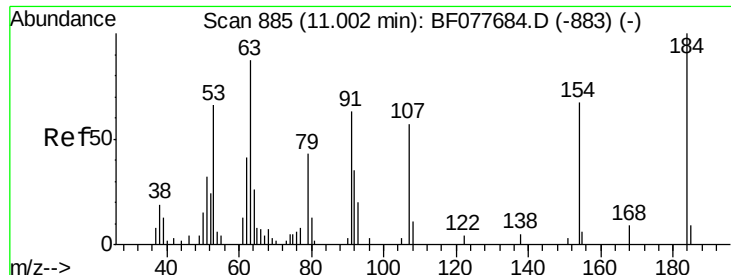
Lab File: BF077704.D

Acq: 12 Mar 2015 00:19



Tgt Ion:	138	Resp:	54307
Ion Ratio	Lower	Upper	
138	100		
108	10.7	7.3	10.9
92	126.2	76.6	114.8#





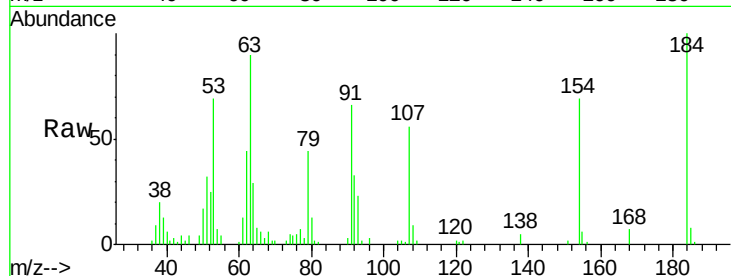
#53
2,4-Dinitrophenol
Concen: 75.08 ng
RT: 11.00 min Scan# 885
Delta R.T. 0.00 min
Lab File: BF077704.D
Acq: 12 Mar 2015 00:19

Instrument :
BNA_F
ClientSampled :
PB82075BS

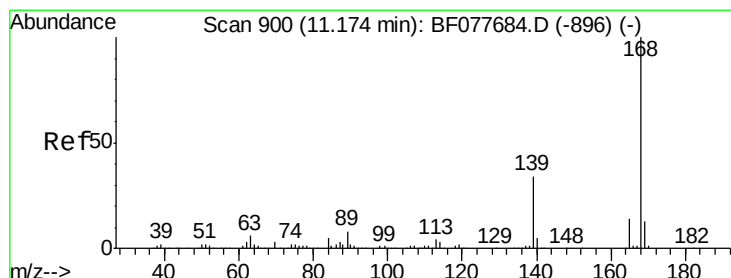
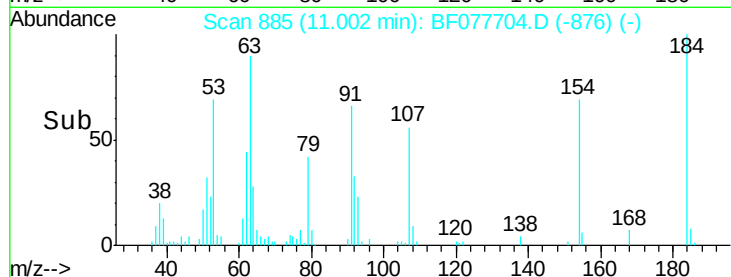
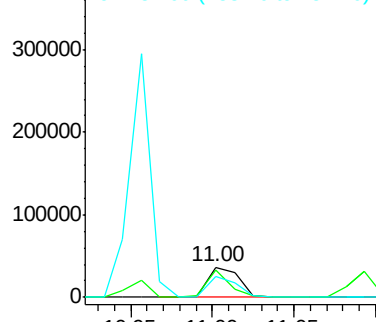
Tot Ion	Ratio	Lower	Upper
184	100		
63	90.3	69.2	103.8
154	69.5	53.3	79.9

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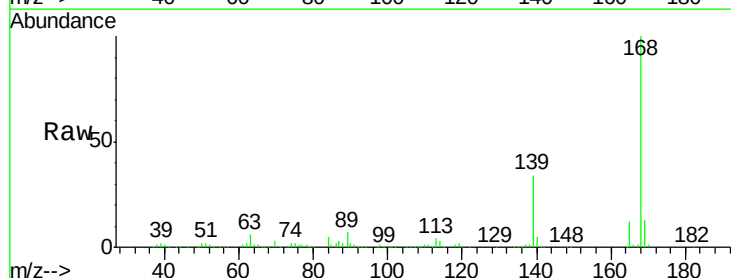


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

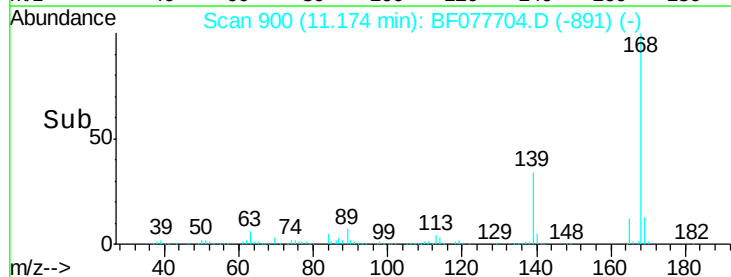
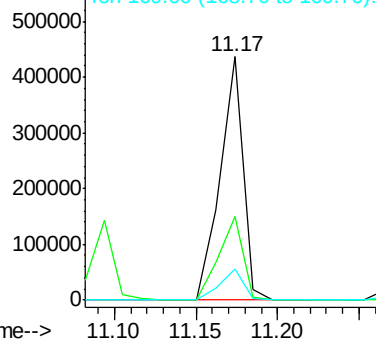


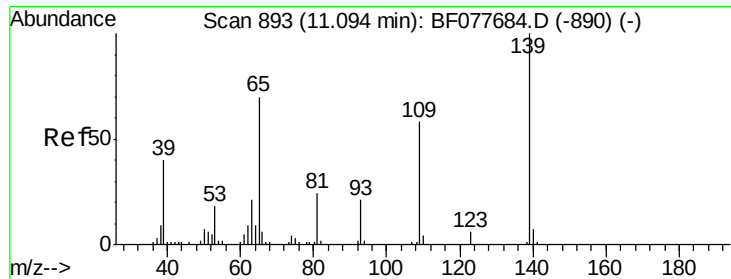
#54
Dibenzofuran
Concen: 39.25 ng
RT: 11.17 min Scan# 900
Delta R.T. -0.00 min
Lab File: BF077704.D
Acq: 12 Mar 2015 00:19

Tgt Ion	Ratio	Lower	Upper
168	100		
139	34.3	27.3	40.9
169	13.0	10.6	16.0



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





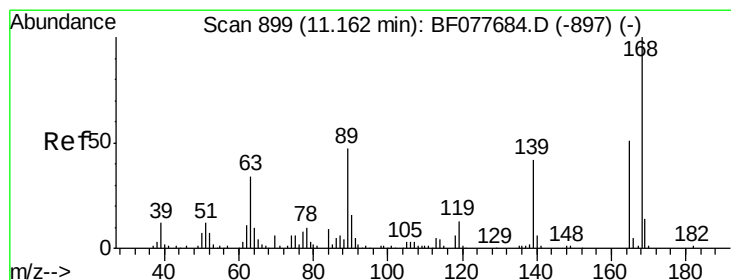
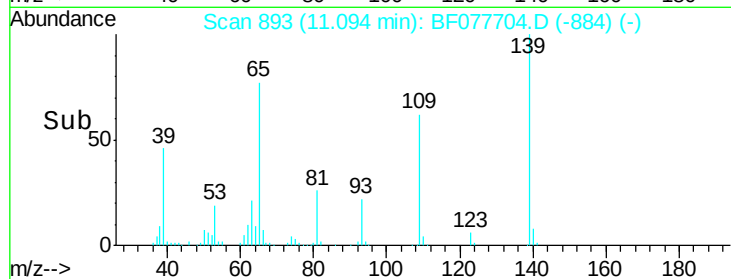
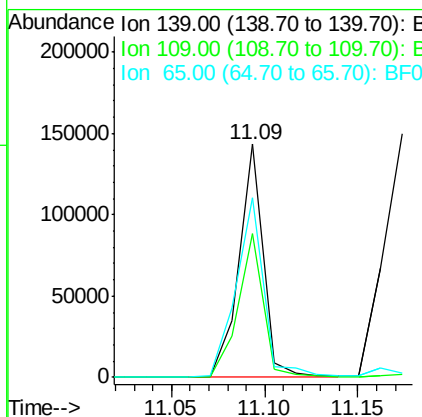
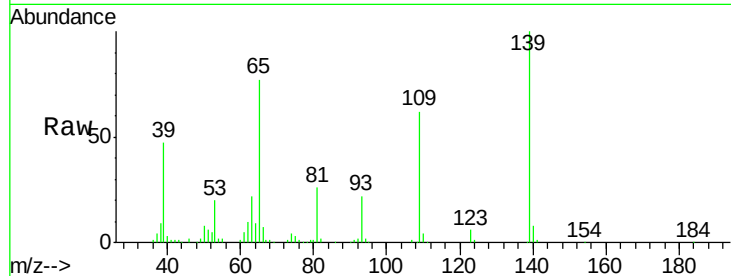
#55
4-Nitrophenol
Concen: 84.81 ng
RT: 11.09 min Scan# 893
Delta R.T. -0.00 min
Lab File: BF077704.D
Acq: 12 Mar 2015 00:19

Instrument :
BNA_F
ClientSampleId :
PB82075BS

Tot Ion	Ratio	Lower	Upper
139	100		
109	61.7	37.7	77.7
65	77.3	49.9	89.9

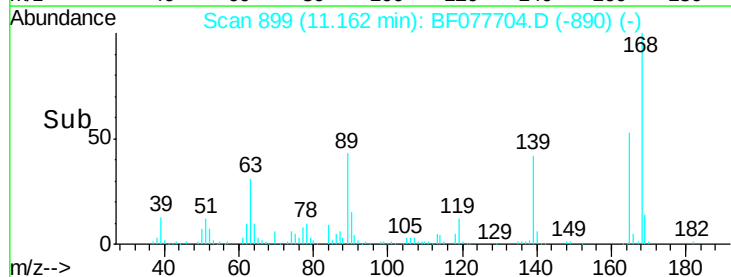
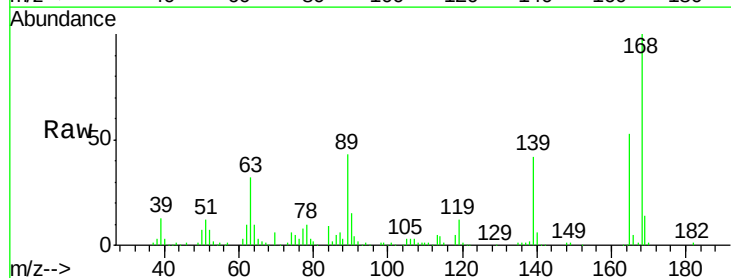
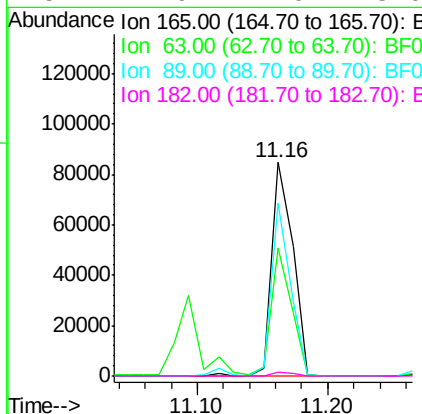
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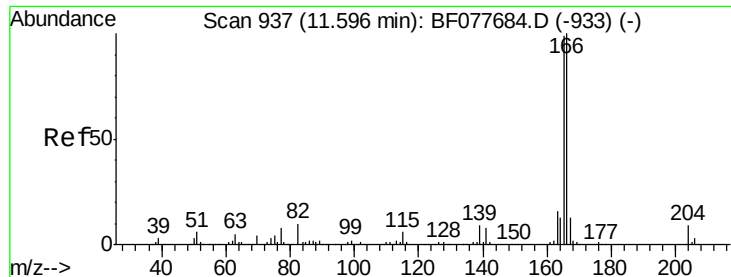
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#56
2,4-Dinitrotoluene
Concen: 40.80 ng
RT: 11.16 min Scan# 899
Delta R.T. -0.00 min
Lab File: BF077704.D
Acq: 12 Mar 2015 00:19

Tgt Ion	Ratio	Lower	Upper
165	100		
63	60.0	52.4	78.6
89	81.1	72.4	108.6
182	1.9	2.0	3.0#





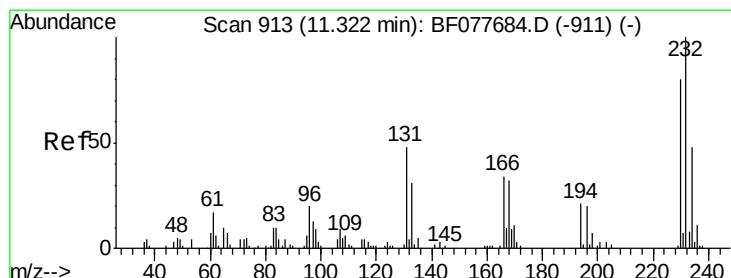
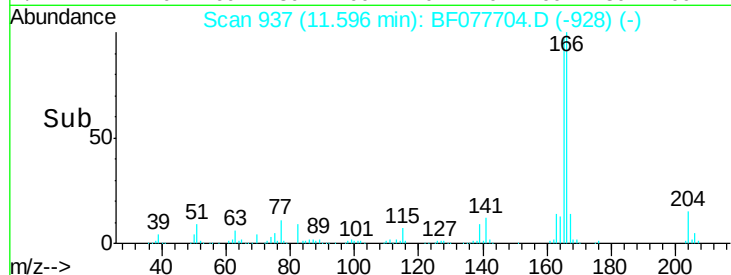
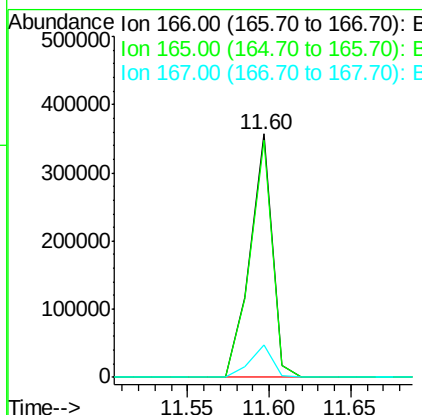
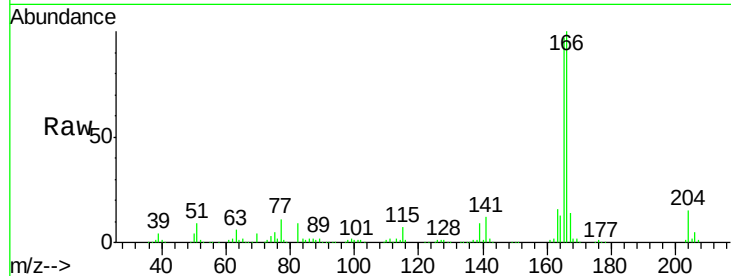
#57
Fluorene
Concen: 37.82 ng
RT: 11.60 min Scan# 937
Delta R.T. -0.00 min
Lab File: BF077704.D
Acq: 12 Mar 2015 00:19

Instrument :
BNA_F
ClientSampleId :
PB82075BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
166	100				
165	97.3	79.0	118.4		
167	13.5	10.3	15.5		

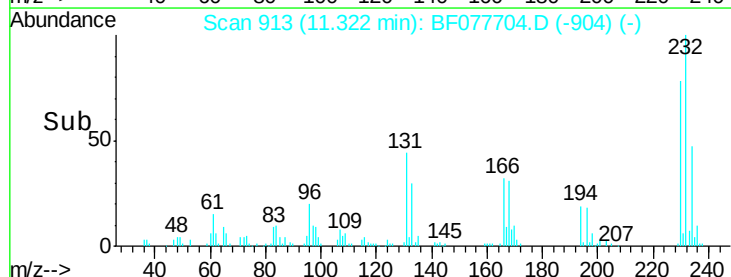
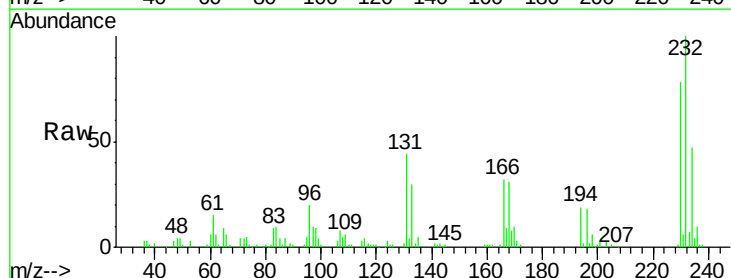
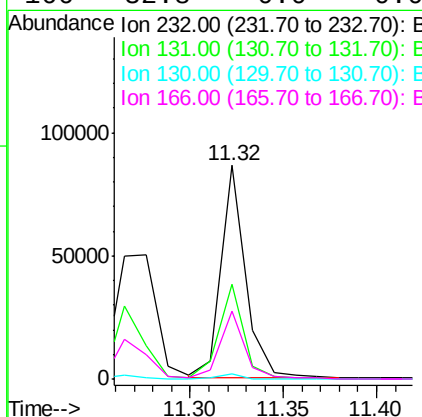
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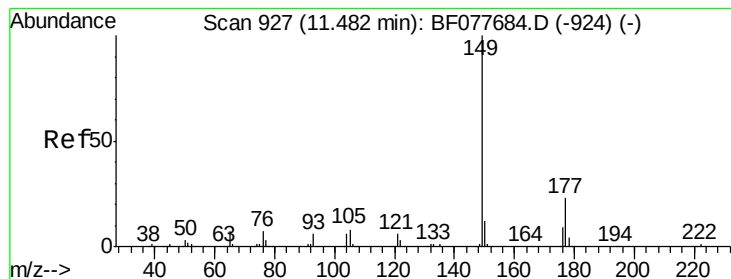
mohammad
3/13/2015 9:40:46 AM



#58
2,3,4,6-Tetrachlorophenol
Concen: 39.37 ng
RT: 11.32 min Scan# 913
Delta R.T. -0.00 min
Lab File: BF077704.D
Acq: 12 Mar 2015 00:19

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
232	100				
131	45.8	0.0	0.0#		
130	1.9	0.0	0.0#		
166	32.8	0.0	0.0#		





#59

Diethylphthalate

Concen: 39.16 ng

RT: 11.48 min Scan# 927

Delta R.T. -0.00 min

Lab File: BF077704.D

Acq: 12 Mar 2015 00:19

Instrument :

BNA_F

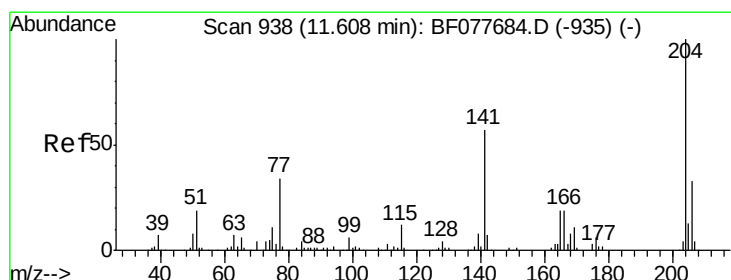
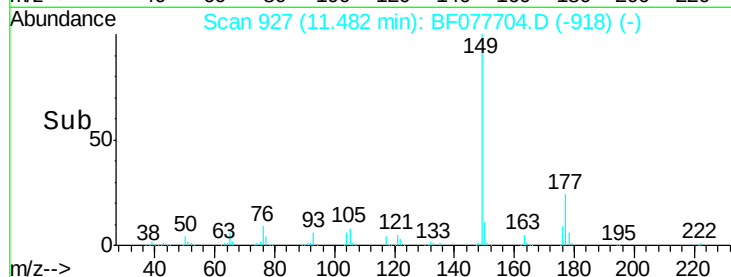
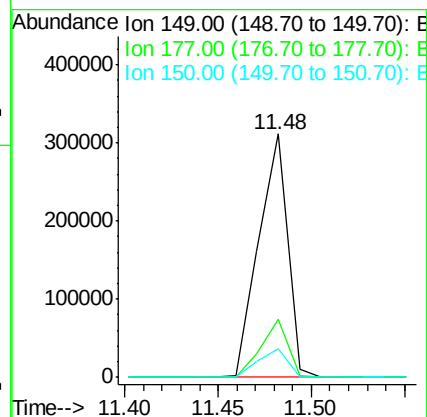
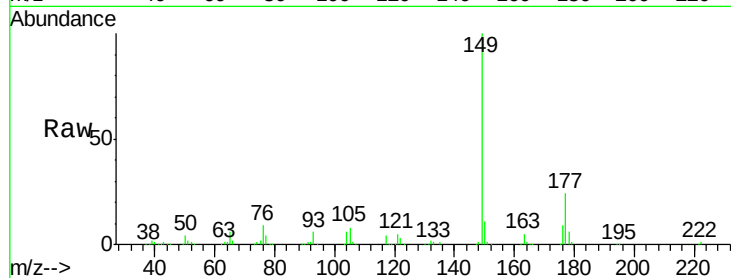
ClientSampleId :

PB82075BS

Tot Ion:	149	Resp:	332565
Ion Ratio	Lower	Upper	
149	100		
177	23.7	18.3	27.5
150	11.5	9.8	14.8

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#60

4-Chlorophenyl-phenylether

Concen: 37.82 ng

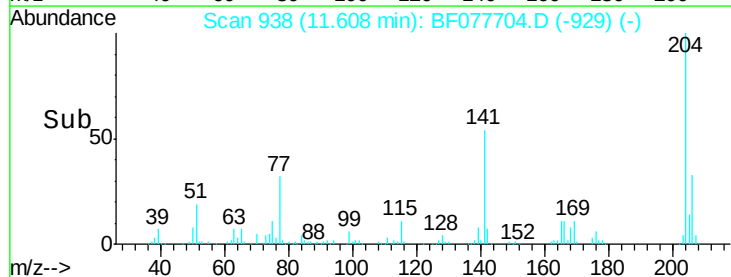
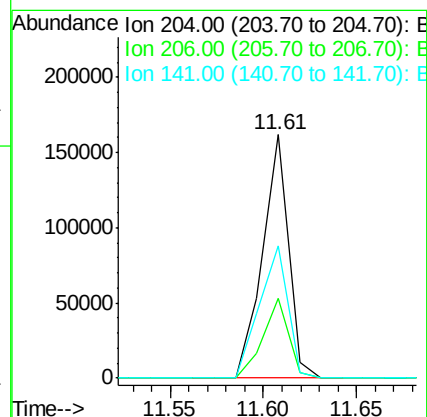
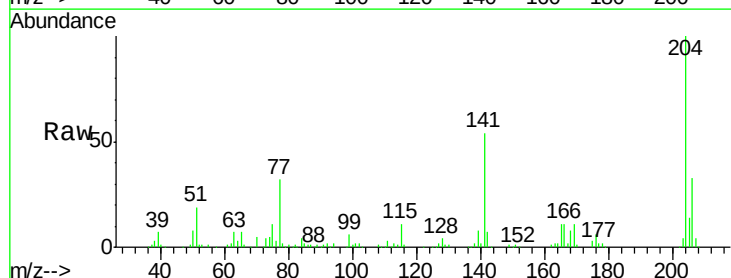
RT: 11.61 min Scan# 938

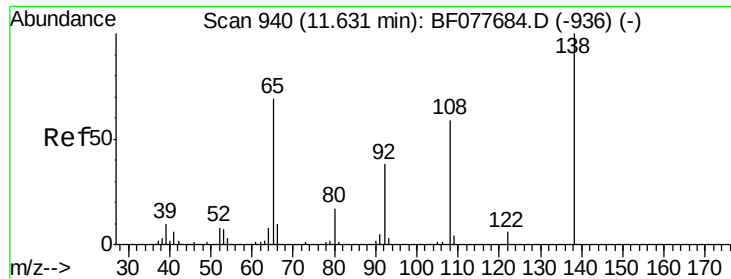
Delta R.T. -0.00 min

Lab File: BF077704.D

Acq: 12 Mar 2015 00:19

Tgt Ion:	204	Resp:	154705
Ion Ratio	Lower	Upper	
204	100		
206	32.9	26.6	39.8
141	54.3	45.2	67.8





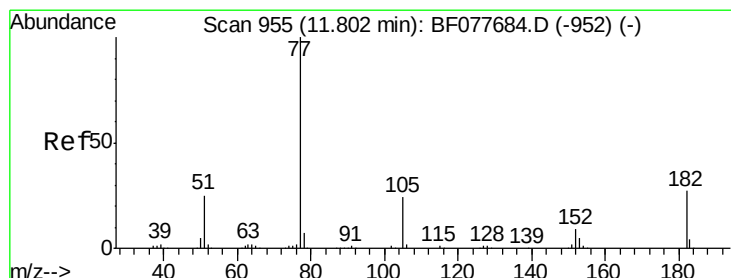
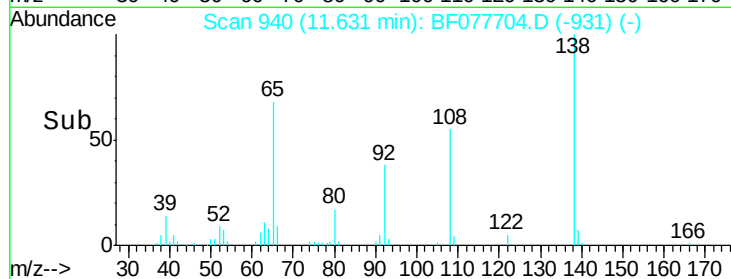
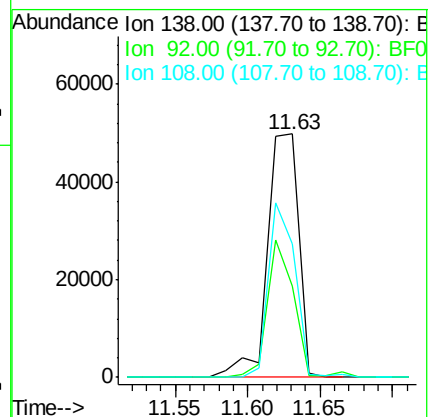
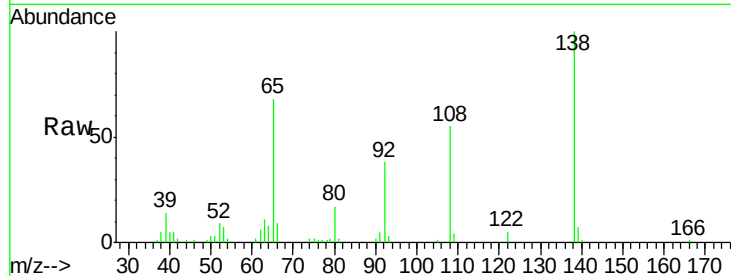
#61
4-Nitroaniline
Concen: 35.54 ng
RT: 11.63 min Scan# 940
Delta R.T. -0.00 min
Lab File: BF077704.D
Acq: 12 Mar 2015 00:19

Instrument :
BNA_F
ClientSampleId :
PB82075BS

Tot Ion:	138	Resp:	74307
Ion	Ratio	Lower	Upper
138	100		
92	37.5	16.7	56.7
108	54.9	37.6	77.6

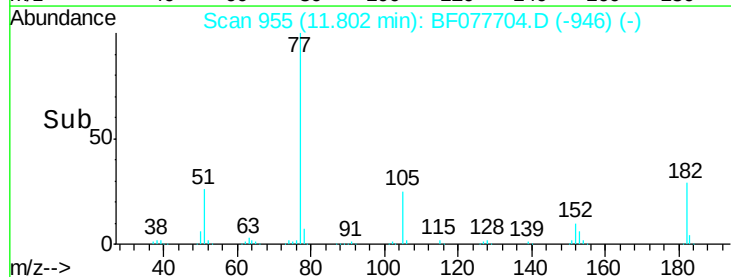
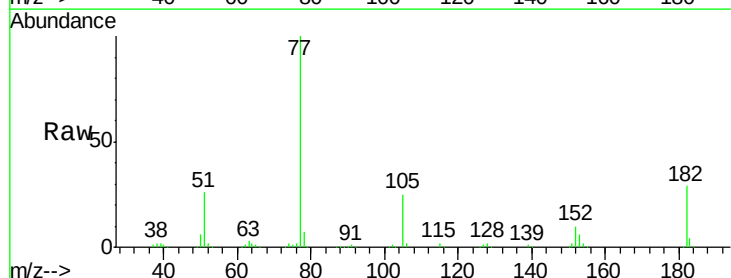
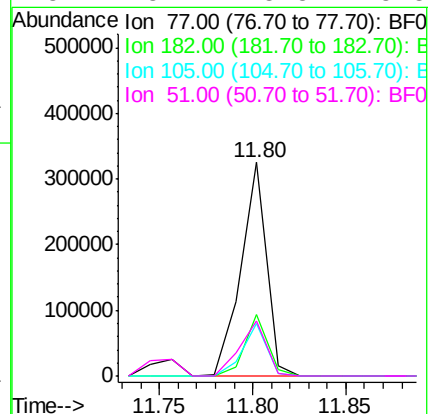
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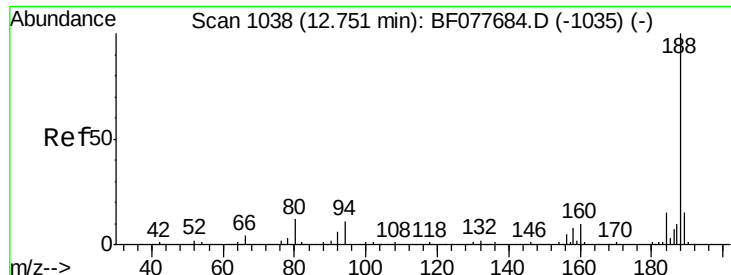
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#62
Azobenzene
Concen: 38.62 ng
RT: 11.80 min Scan# 955
Delta R.T. -0.00 min
Lab File: BF077704.D
Acq: 12 Mar 2015 00:19

Tgt Ion:	77	Resp:	313396
Ion	Ratio	Lower	Upper
77	100		
182	28.9	6.5	46.5
105	24.8	3.8	43.8
51	25.7	5.5	45.5





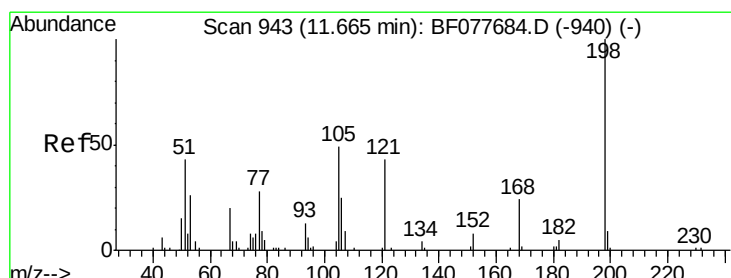
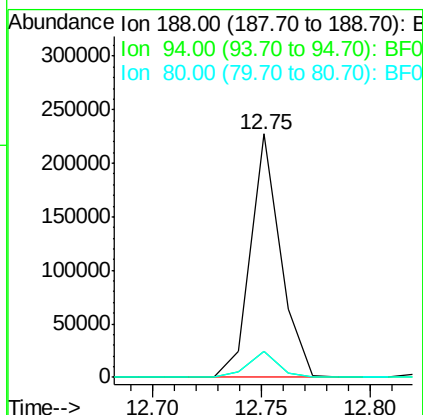
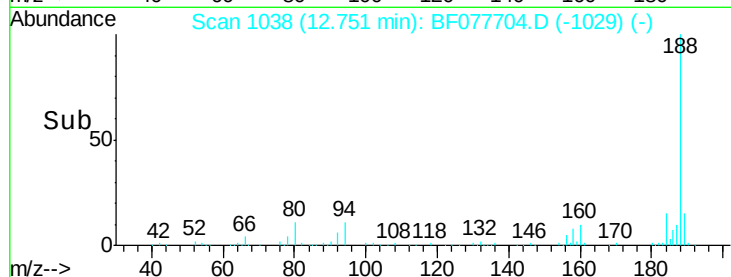
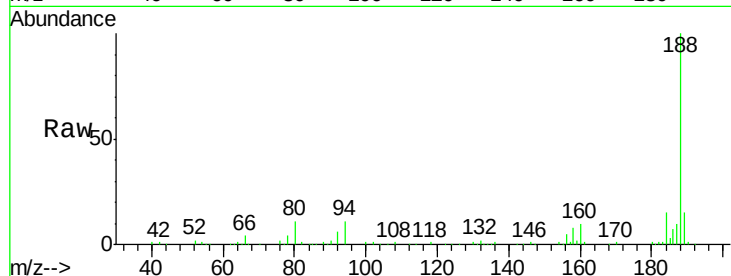
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.75 min Scan# 1038
Delta R.T. -0.00 min
Lab File: BF077704.D
Acq: 12 Mar 2015 00:19

Instrument :
BNA_F
ClientSampleId :
PB82075BS

Tot Ion	Ratio	Resp	Lower	Upper
188	100	217383		
94	10.7		8.7	13.1
80	10.9		9.3	13.9

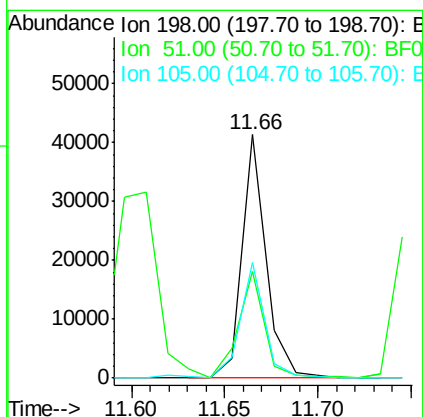
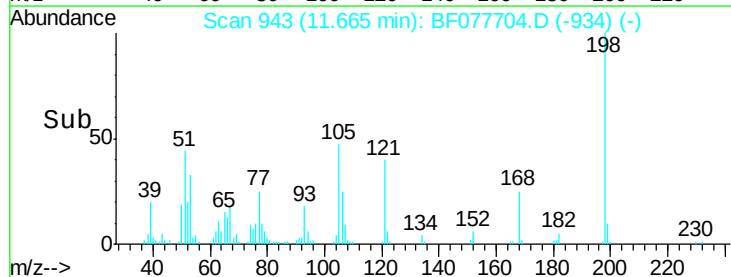
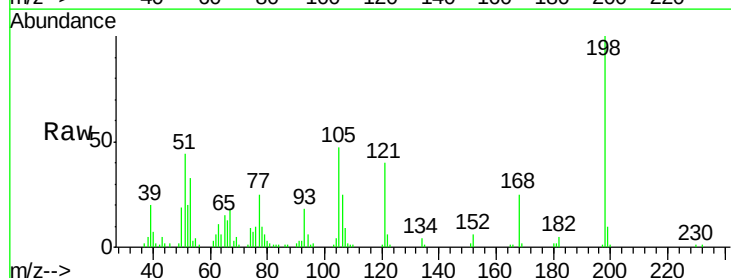
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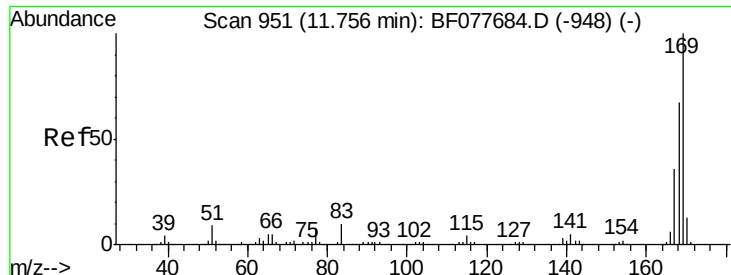
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#64
4,6-Dinitro-2-methylphenol
Concen: 37.38 ng
RT: 11.66 min Scan# 943
Delta R.T. 0.00 min
Lab File: BF077704.D
Acq: 12 Mar 2015 00:19

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	37297		
51	43.6		28.8	68.8
105	47.5		30.5	70.5





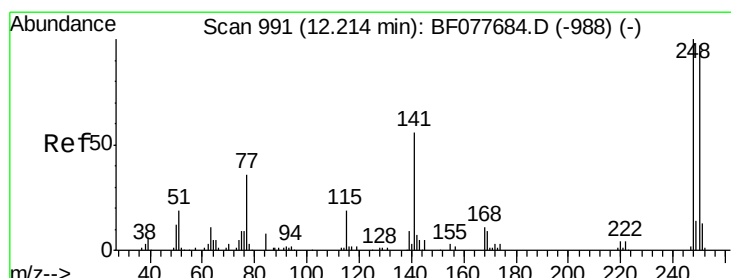
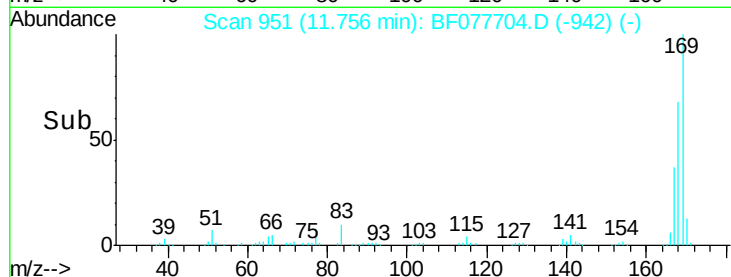
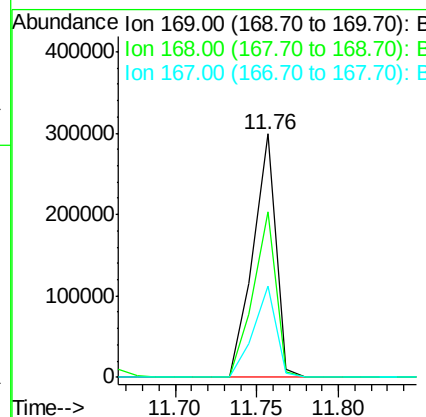
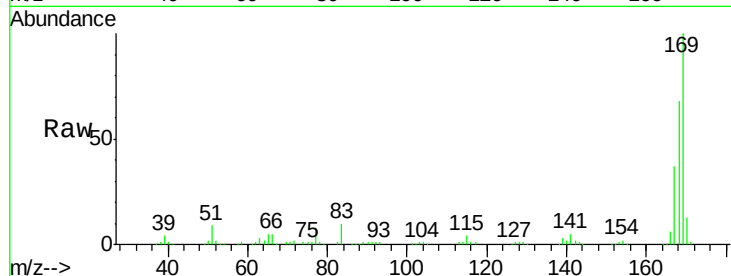
#65
 n-Nitrosodiphenylamine
 Concen: 40.30 ng
 RT: 11.76 min Scan# 951
 Delta R.T. -0.00 min
 Lab File: BF077704.D
 Acq: 12 Mar 2015 00:19

Instrument :
 BNA_F
 ClientSampleId :
 PB82075BS

Tot Ion	Ratio	Resp	Lower	Upper
169	100	291680		
168	68.2		53.9	80.9
167	37.3		28.9	43.3

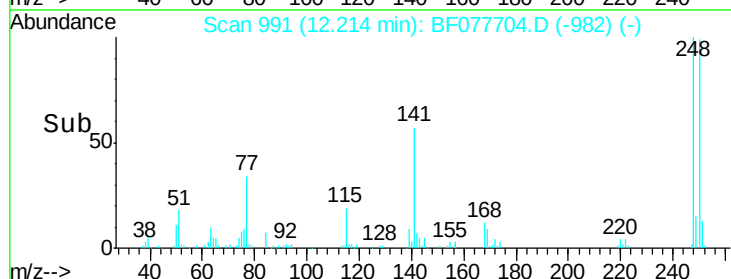
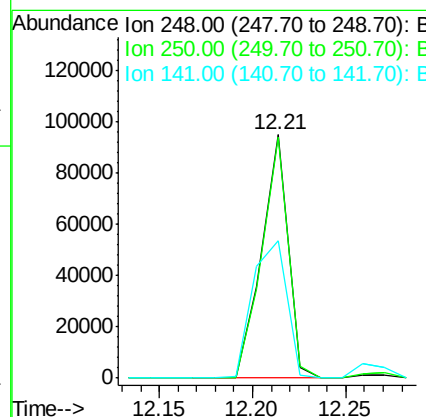
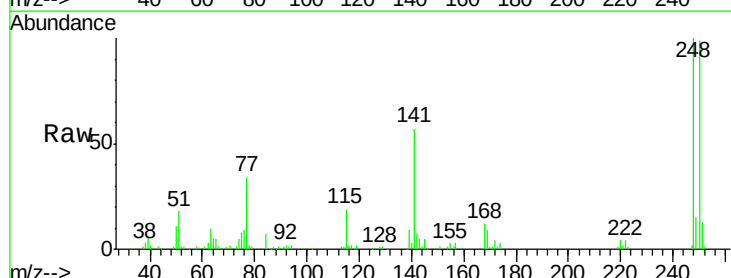
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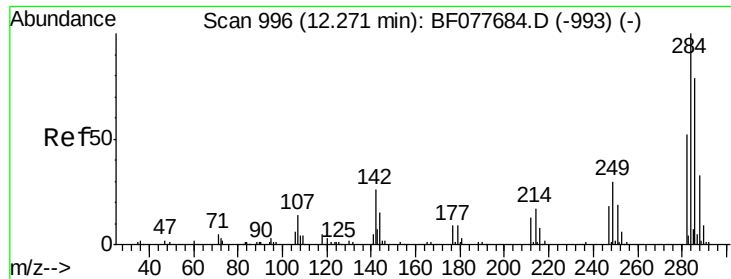
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#66
 4-Bromophenyl-phenylether
 Concen: 39.89 ng
 RT: 12.21 min Scan# 991
 Delta R.T. -0.00 min
 Lab File: BF077704.D
 Acq: 12 Mar 2015 00:19

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	92542		
250	99.1		77.4	116.0
141	56.6		45.2	67.8





#67

Hexachlorobenzene

Concen: 40.40 ng

RT: 12.27 min Scan# 996

Delta R.T. -0.00 min

Lab File: BF077704.D

Acq: 12 Mar 2015 00:19

Instrument :

BNA_F

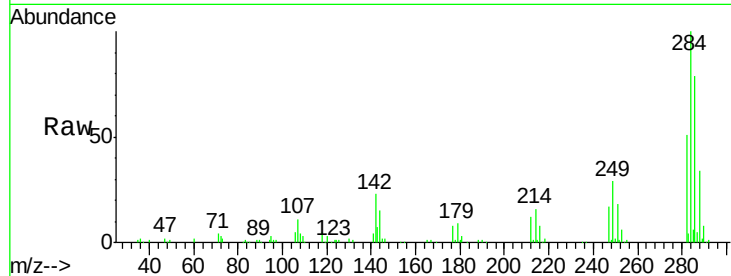
ClientSampleId :

PB82075BS

Tot Ion:	284	Resp:	102988
Ion Ratio	Lower	Upper	
284	100		
142	23.0	20.4	30.6
249	28.6	23.8	35.6

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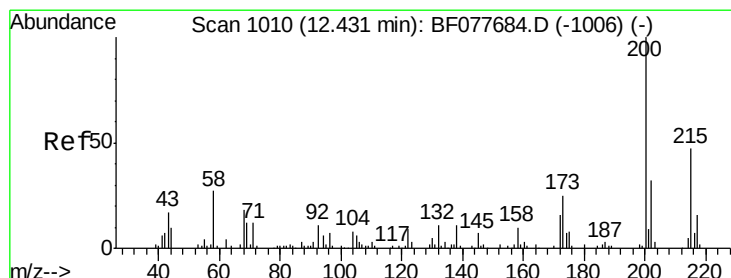
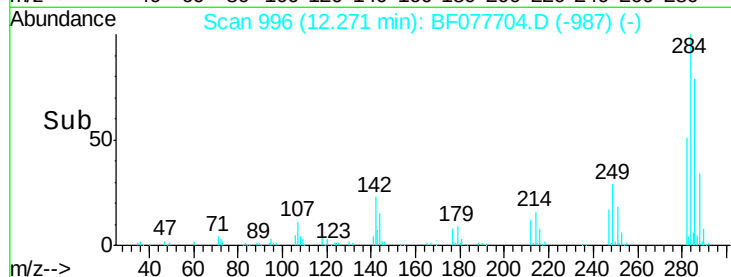
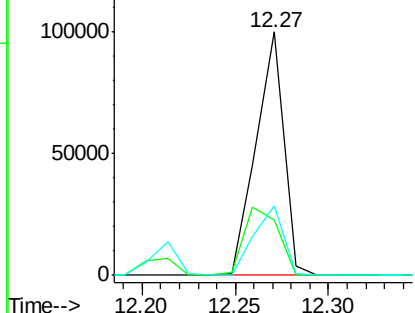
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Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 45.59 ng

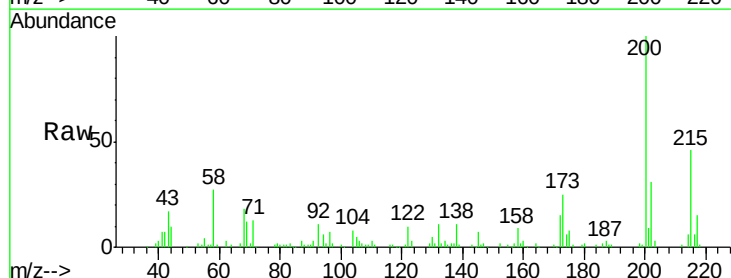
RT: 12.43 min Scan# 1010

Delta R.T. -0.00 min

Lab File: BF077704.D

Acq: 12 Mar 2015 00:19

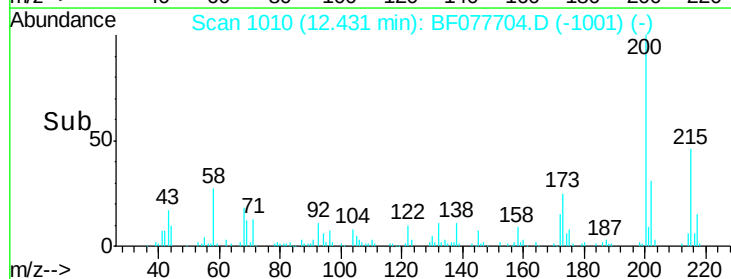
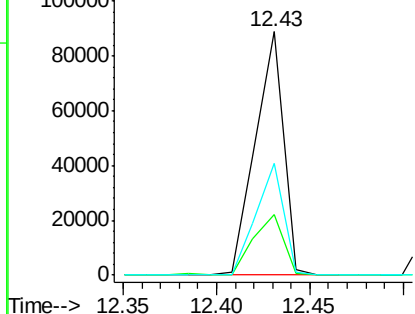
Tgt Ion:	200	Resp:	92481
Ion Ratio	Lower	Upper	
200	100		
173	25.1	4.8	44.8
215	46.2	26.9	66.9

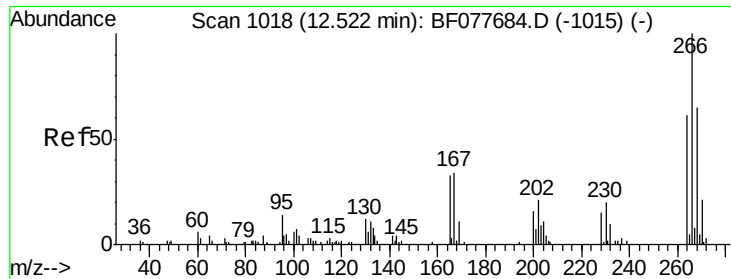


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E





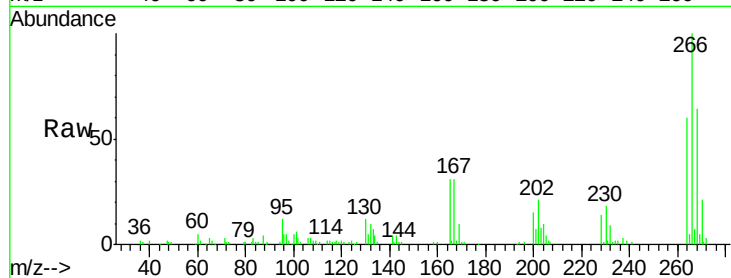
#69
 Pentachlorophenol
 Concen: 79.62 ng
 RT: 12.52 min Scan# 1018
 Delta R.T. 0.00 min
 Lab File: BF077704.D
 Acq: 12 Mar 2015 00:19

Instrument :
 BNA_F
 ClientSampleId :
 PB82075BS

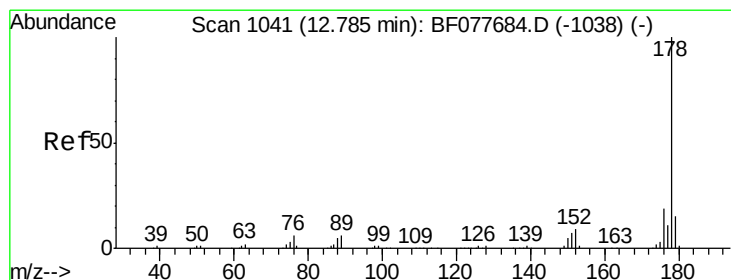
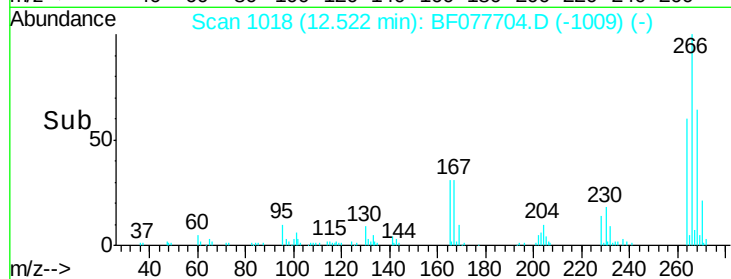
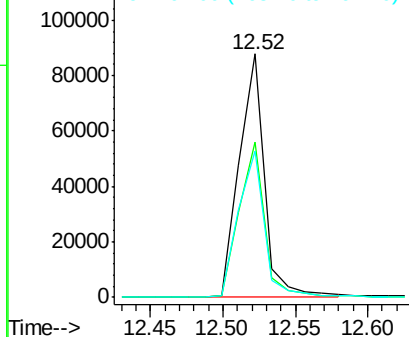
Tot Ion	Ratio	Lower	Upper
266	100		
268	63.7	52.0	78.0
264	59.9	49.0	73.4

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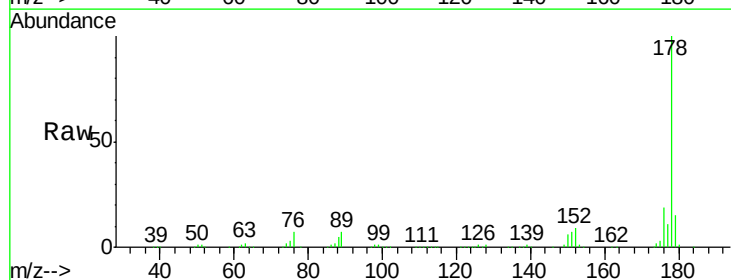


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

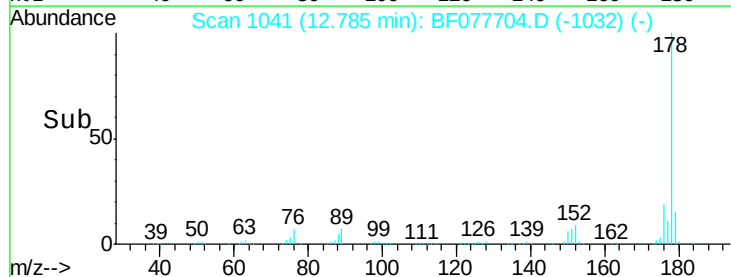
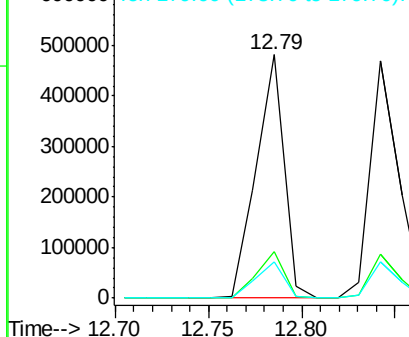


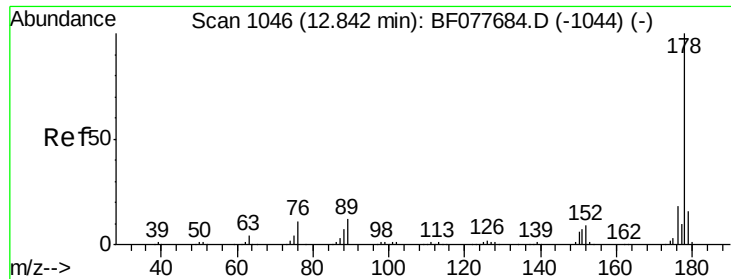
#70
 Phenanthrene
 Concen: 39.67 ng
 RT: 12.79 min Scan# 1041
 Delta R.T. -0.00 min
 Lab File: BF077704.D
 Acq: 12 Mar 2015 00:19

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.2	22.8
179	15.0	12.1	18.1



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





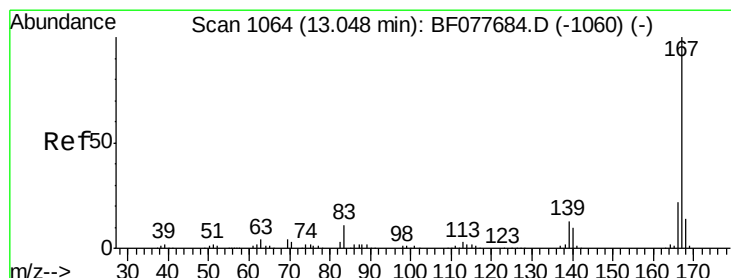
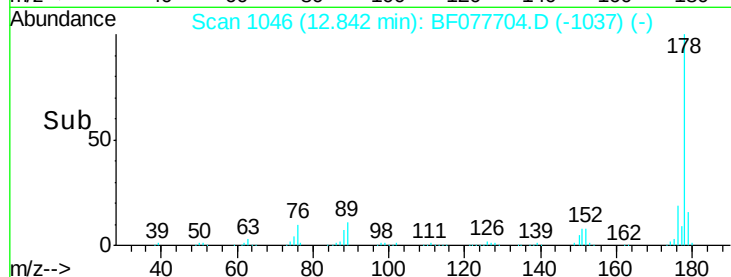
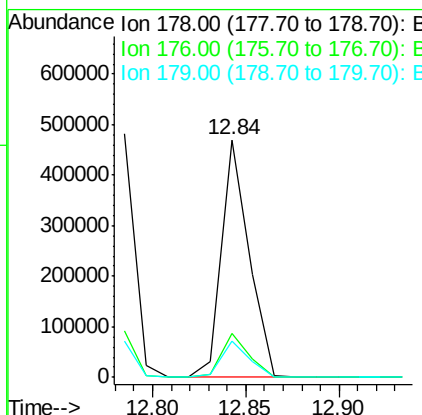
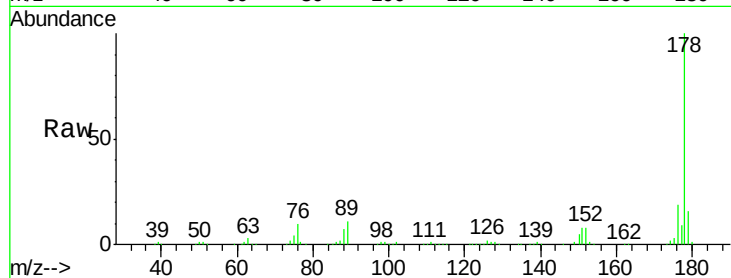
#71
 Anthracene
 Concen: 39.37 ng
 RT: 12.84 min Scan# 1046
 Delta R.T. -0.00 min
 Lab File: BF077704.D
 Acq: 12 Mar 2015 00:19

Instrument :
 BNA_F
 ClientSampleId :
 PB82075BS

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.5	14.6	22.0
179	15.6	12.6	19.0

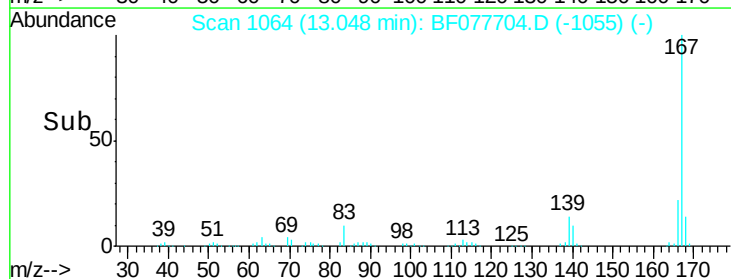
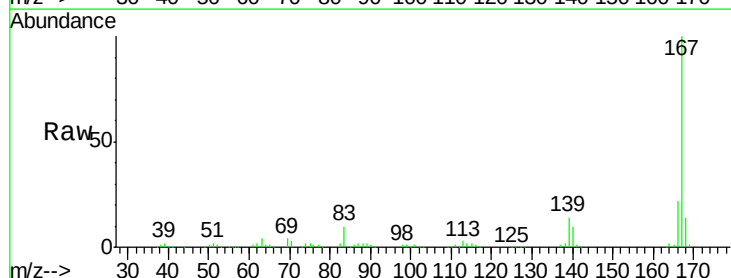
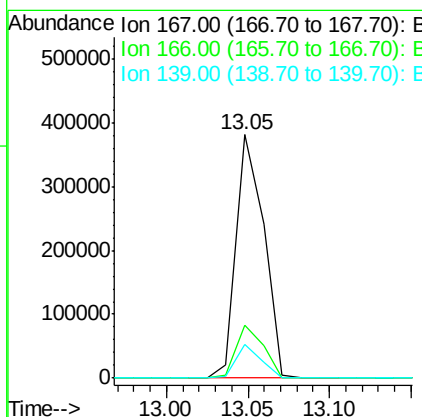
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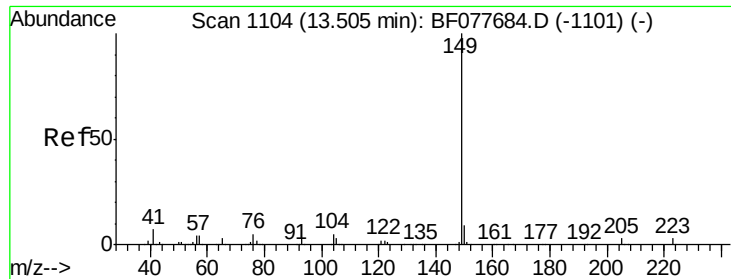
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#72
 Carbazole
 Concen: 38.05 ng
 RT: 13.05 min Scan# 1064
 Delta R.T. -0.00 min
 Lab File: BF077704.D
 Acq: 12 Mar 2015 00:19

Tgt Ion	Ratio	Lower	Upper
167	100		
166	21.9	17.2	25.8
139	13.6	10.8	16.2





#73

Di-n-butylphthalate

Concen: 40.38 ng

RT: 13.51 min Scan# 1104

Delta R.T. -0.00 min

Lab File: BF077704.D

Acq: 12 Mar 2015 00:19

Instrument :

BNA_F

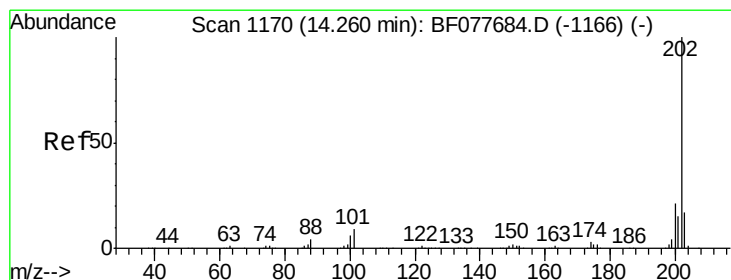
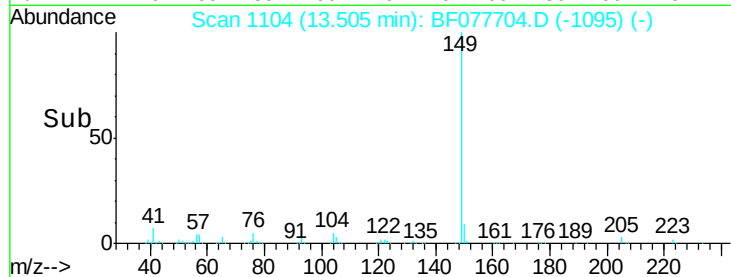
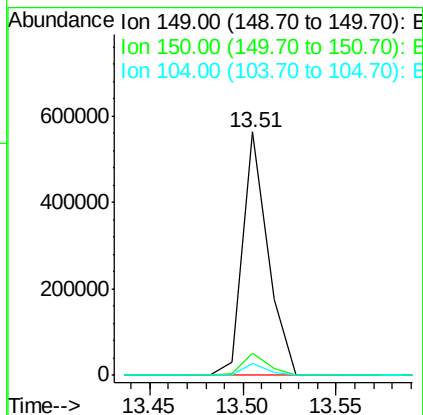
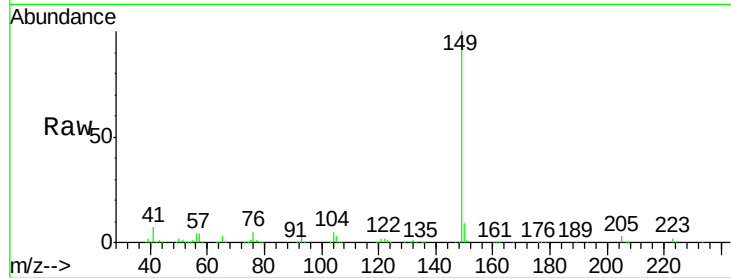
ClientSampleId :

PB82075BS

Tot Ion:	149	Resp:	531064
Ion Ratio	Lower	Upper	
149	100		
150	9.2	7.5	11.3
104	4.8	3.7	5.5

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#74

Fluoranthene

Concen: 37.91 ng

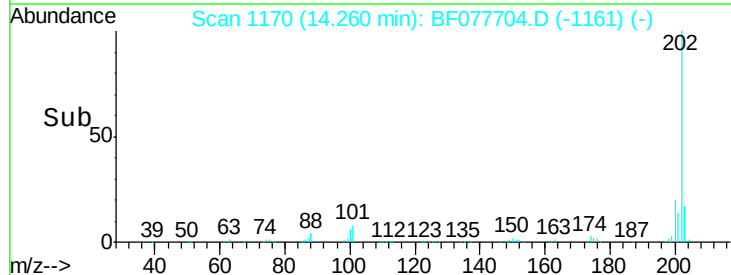
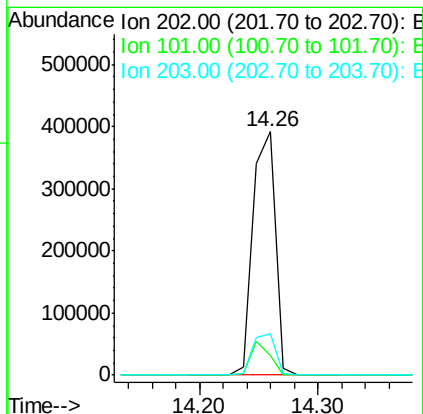
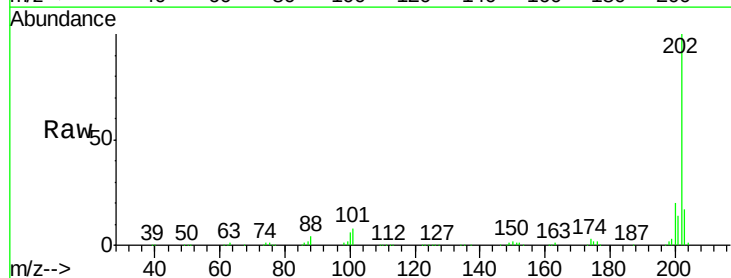
RT: 14.26 min Scan# 1170

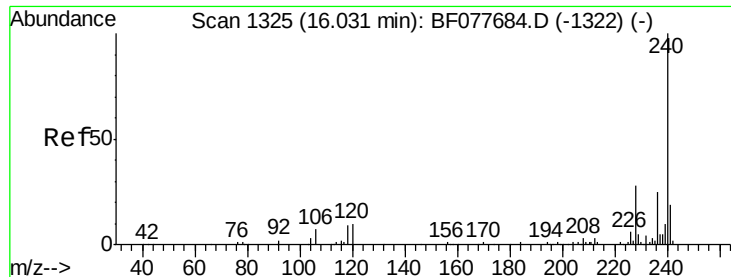
Delta R.T. -0.00 min

Lab File: BF077704.D

Acq: 12 Mar 2015 00:19

Tgt Ion:	202	Resp:	521802
Ion Ratio	Lower	Upper	
202	100		
101	8.2	0.0	28.7
203	17.0	0.0	37.2





#75

Chrysene-d12

Concen: 20.00 ng

RT: 16.03 min Scan# 1325

Delta R.T. -0.00 min

Lab File: BF077704.D

Acq: 12 Mar 2015 00:19

Instrument :

BNA_F

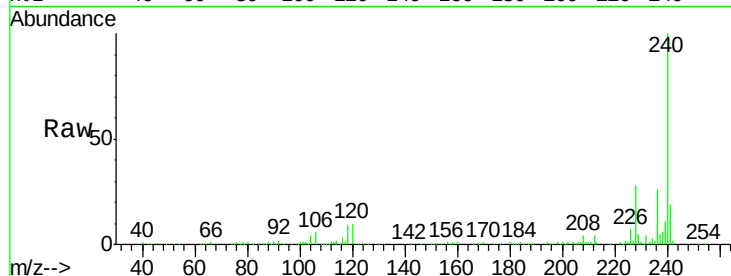
ClientSampleId :

PB82075BS

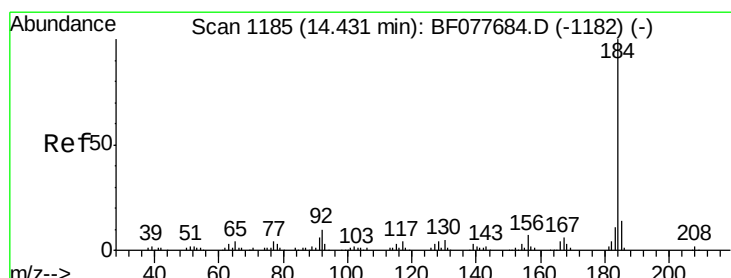
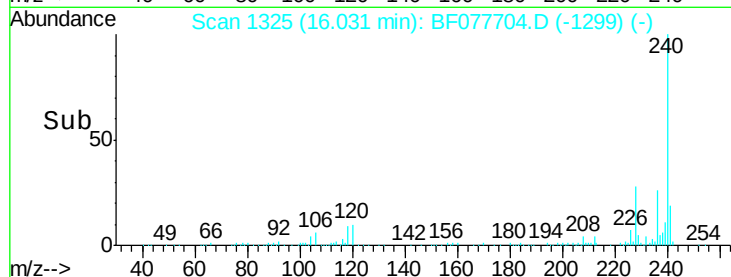
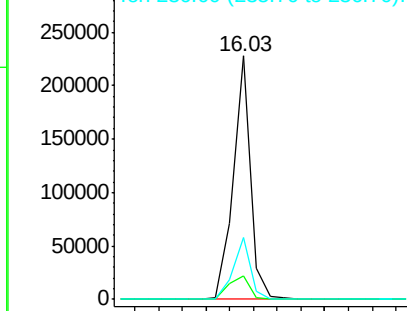
Tot Ion:	240	Resp:	229339
Ion Ratio	Lower	Upper	
240	100		
120	9.8	8.2	12.2
236	25.6	20.0	30.0

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Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 31.72 ng

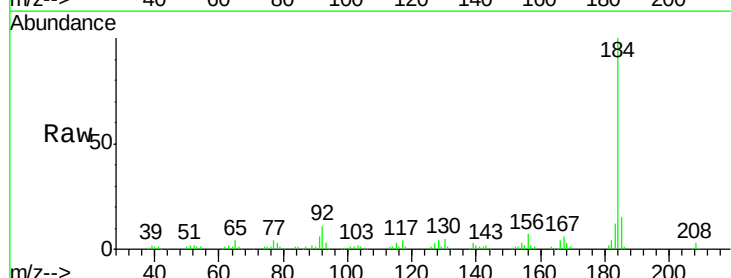
RT: 14.43 min Scan# 1185

Delta R.T. -0.00 min

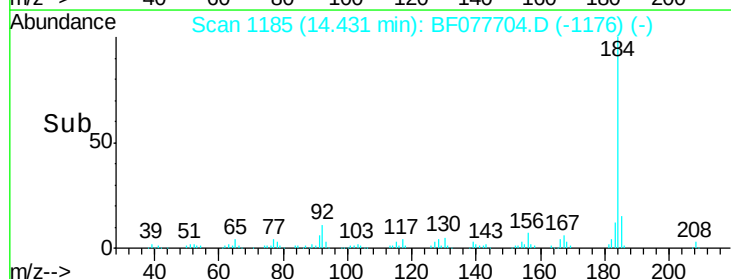
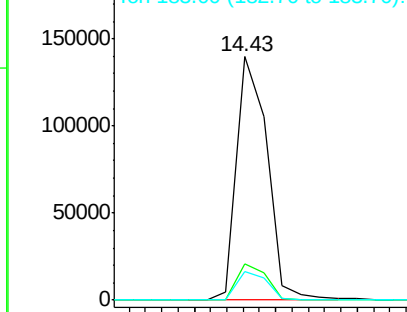
Lab File: BF077704.D

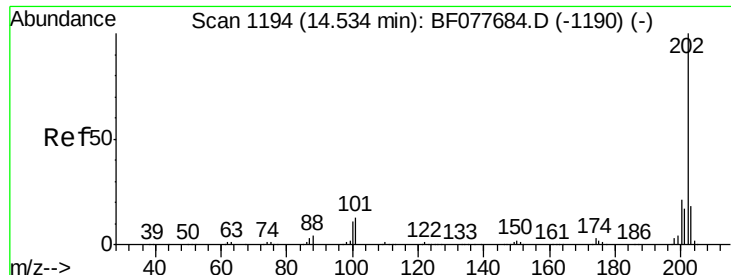
Acq: 12 Mar 2015 00:19

Tgt Ion:	184	Resp:	180509
Ion Ratio	Lower	Upper	
184	100		
185	14.9	11.3	16.9
183	11.6	8.9	13.3



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E





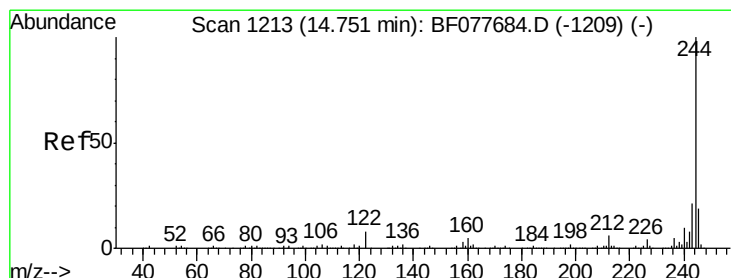
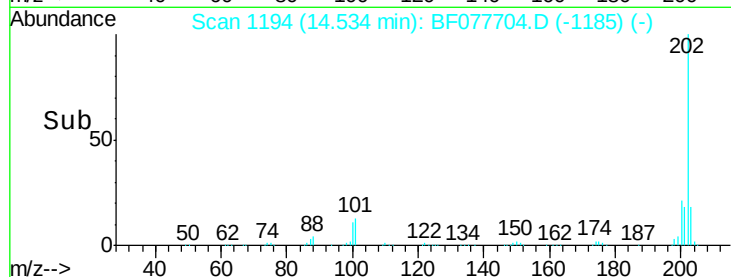
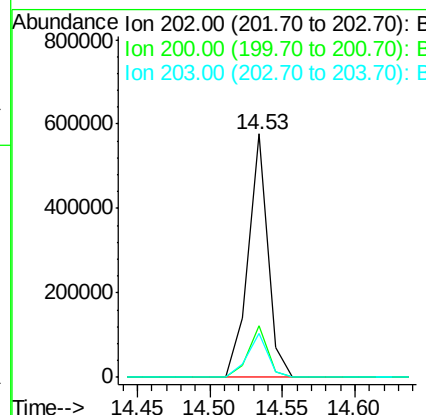
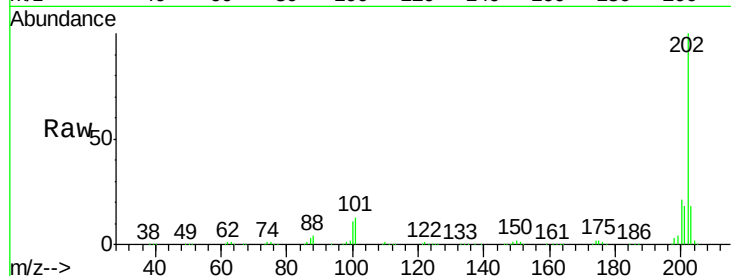
#77
Pvrene
Concen: 37.82 ng
RT: 14.53 min Scan# 1194
Delta R.T. -0.00 min
Lab File: BF077704.D
Acq: 12 Mar 2015 00:19

Instrument :
BNA_F
ClientSampleId :
PB82075BS

Tot Ion:	202	Resp:	545462
Ion Ratio	Lower	Upper	
202	100		
200	21.3	16.9	25.3
203	18.3	14.1	21.1

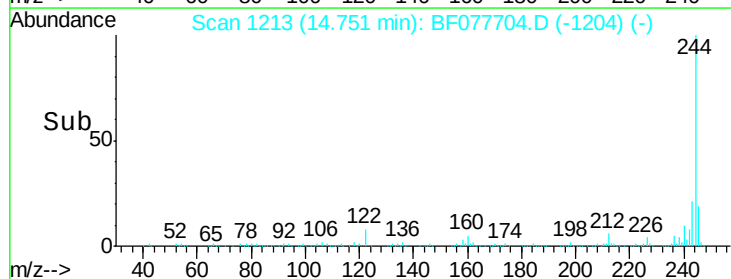
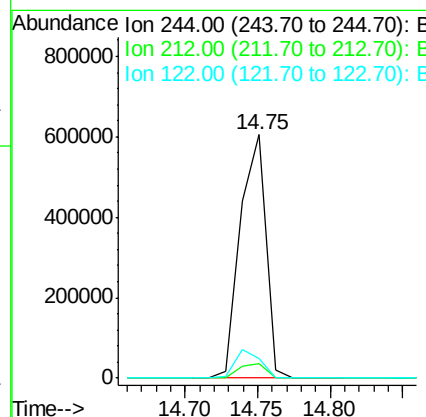
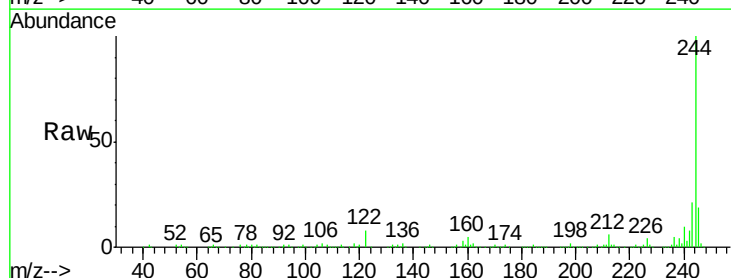
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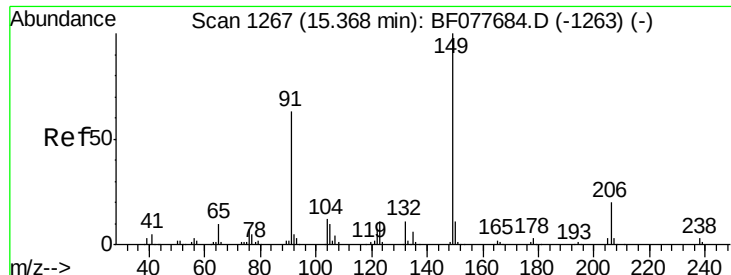
mohammad
3/13/2015 9:40:46 AM



#78
Terphenyl-d14
Concen: 79.44 ng
RT: 14.75 min Scan# 1213
Delta R.T. -0.00 min
Lab File: BF077704.D
Acq: 12 Mar 2015 00:19

Tgt Ion:	244	Resp:	745820
Ion Ratio	Lower	Upper	
244	100		
212	6.0	4.9	7.3
122	8.0	6.2	9.4





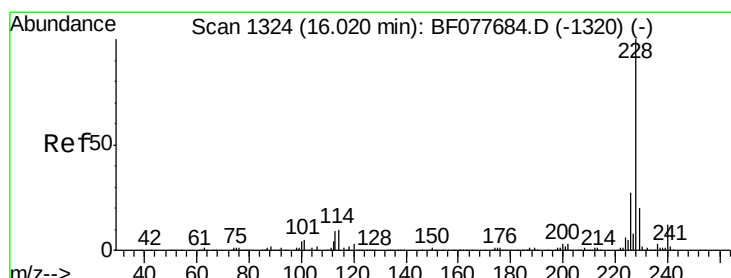
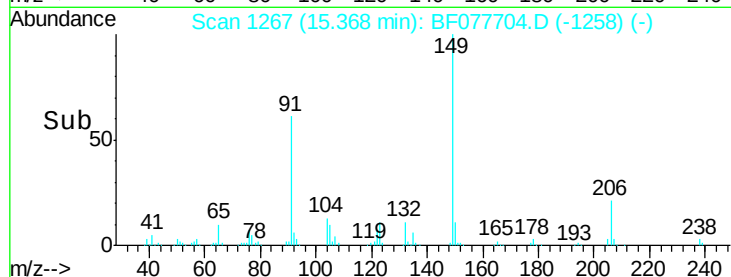
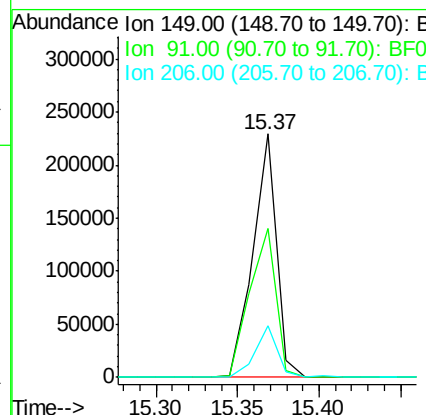
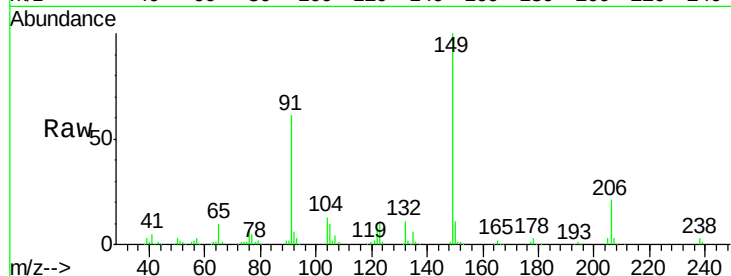
#79
Butylbenzylphthalate
Concen: 40.35 ng
RT: 15.37 min Scan# 1267
Delta R.T. -0.00 min
Lab File: BF077704.D
Acq: 12 Mar 2015 00:19

Instrument :
BNA_F
ClientSampleId :
PB82075BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	229453		
91	61.0	50.1	75.1	
206	21.1	16.2	24.2	

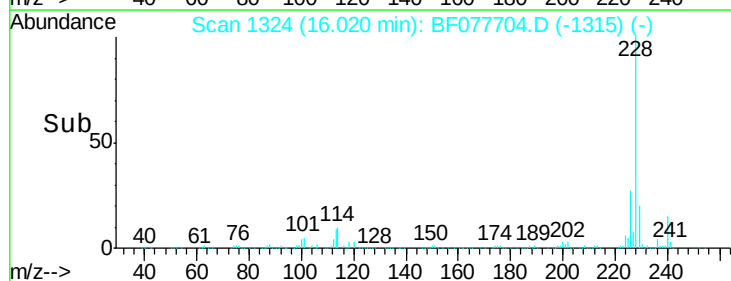
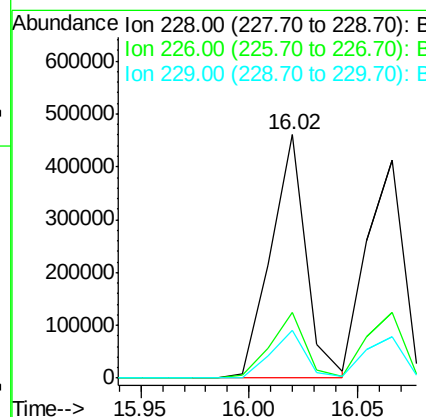
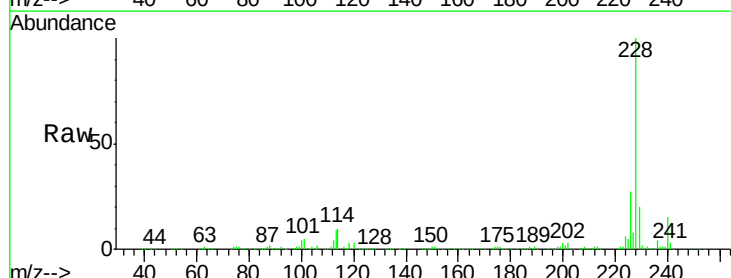
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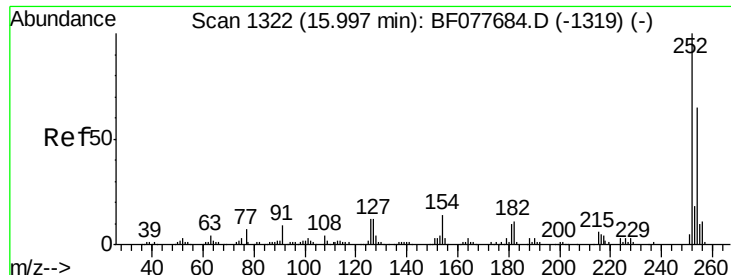
mohammad
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#80
Benzo(a)anthracene
Concen: 38.38 ng
RT: 16.02 min Scan# 1324
Delta R.T. -0.00 min
Lab File: BF077704.D
Acq: 12 Mar 2015 00:19

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	521748		
226	26.7	21.7	32.5	
229	19.9	16.0	24.0	





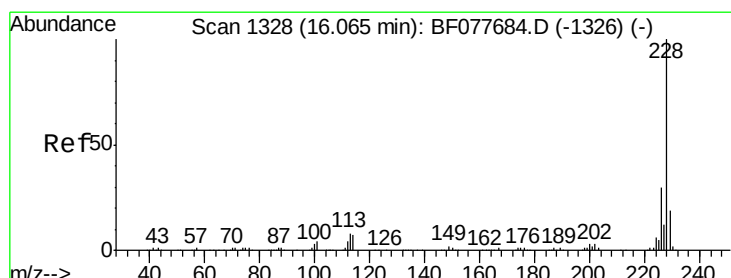
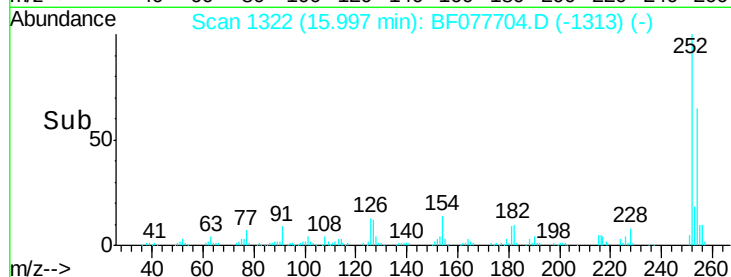
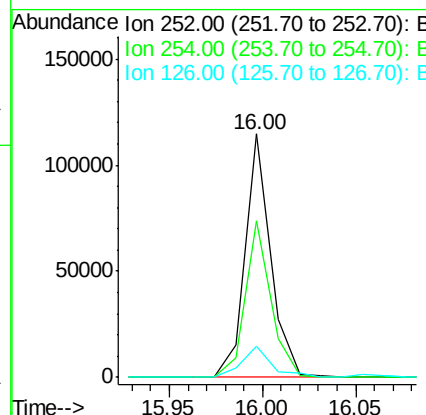
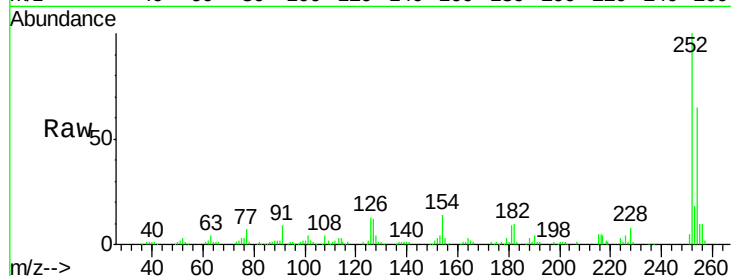
#81
 3,3'-Dichlorobenzidine
 Concen: 24.40 ng
 RT: 16.00 min Scan# 1322
 Delta R.T. -0.00 min
 Lab File: BF077704.D
 Acq: 12 Mar 2015 00:19

Instrument :
 BNA_F
 ClientSampleId :
 PB82075BS

Tot Ion	Ratio	Lower	Upper
252	100		
254	64.5	51.9	77.9
126	12.7	9.8	14.8

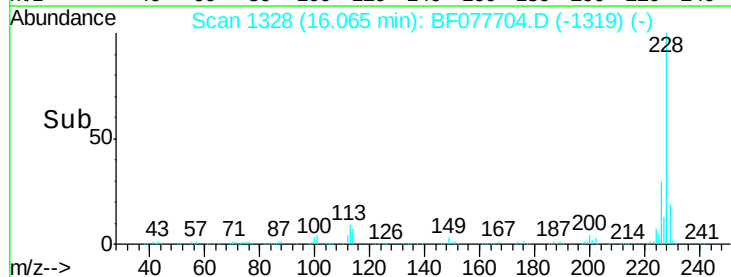
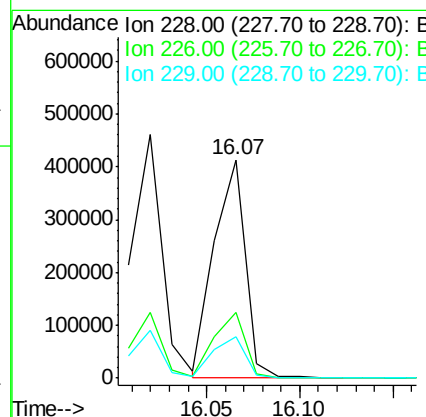
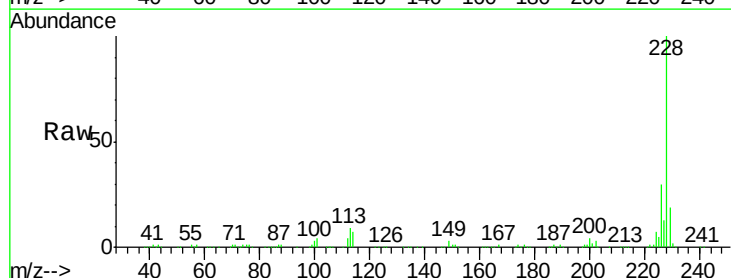
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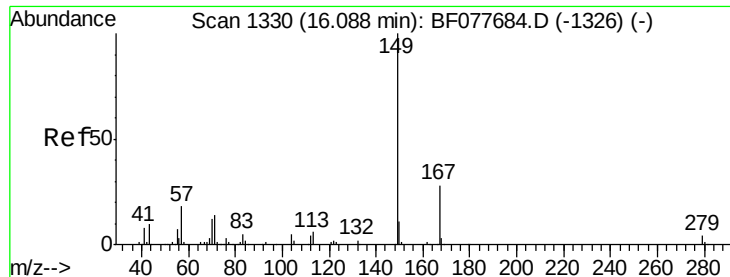
mohammad
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#82
 Chrysene
 Concen: 39.47 ng
 RT: 16.07 min Scan# 1328
 Delta R.T. -0.00 min
 Lab File: BF077704.D
 Acq: 12 Mar 2015 00:19

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.0	24.1	36.1
229	19.3	15.5	23.3





#83

Bis(2-ethylhexyl)phthalate

Concen: 39.53 ng

RT: 16.08 min Scan# 1329

Delta R.T. -0.01 min

Lab File: BF077704.D

Acq: 12 Mar 2015 00:19

Instrument :

BNA_F

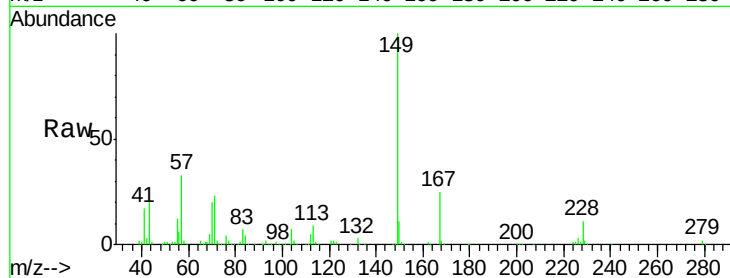
ClientSampleId :

PB82075BS

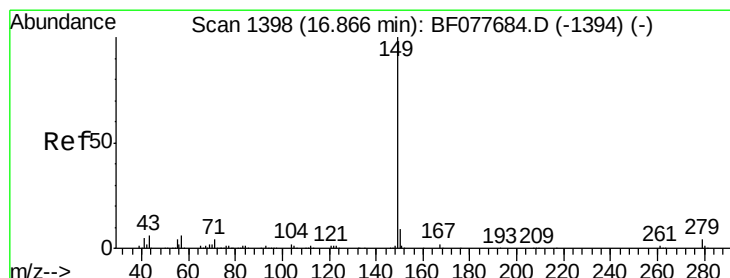
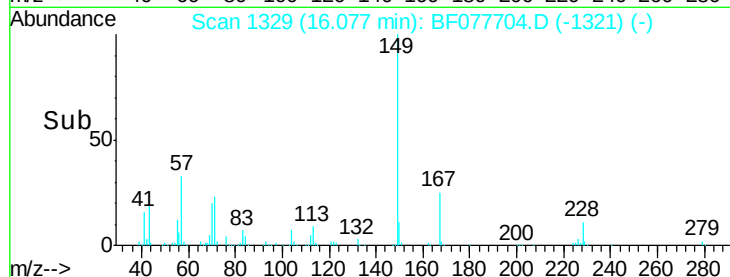
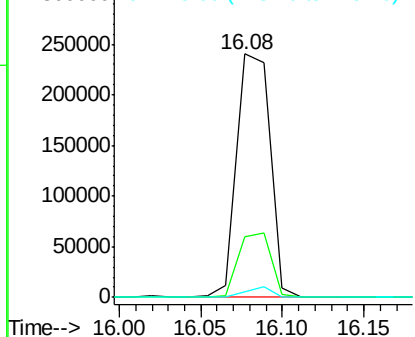
Tot Ion:	149	Resp:	340507
Ion Ratio		Lower	Upper
149	100		
167	24.8	22.4	33.6
279	2.1	3.4	5.0#

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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: 39.99 ng

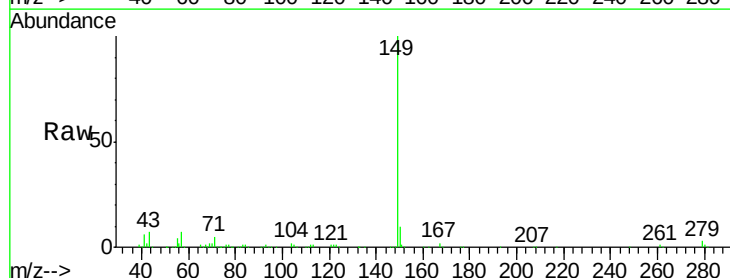
RT: 16.85 min Scan# 1397

Delta R.T. -0.01 min

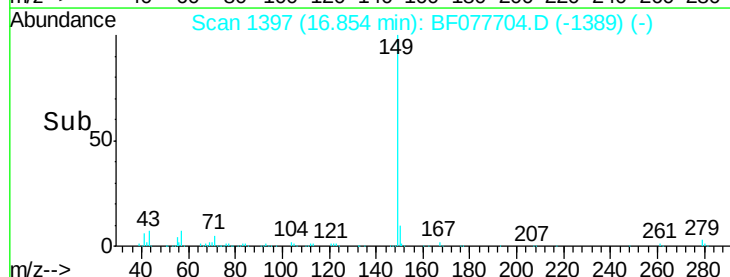
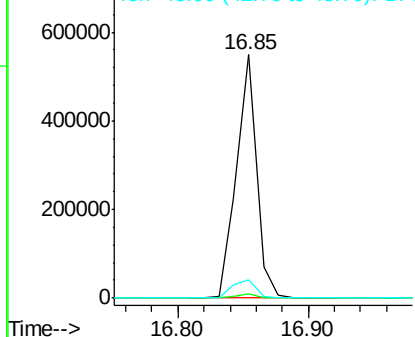
Lab File: BF077704.D

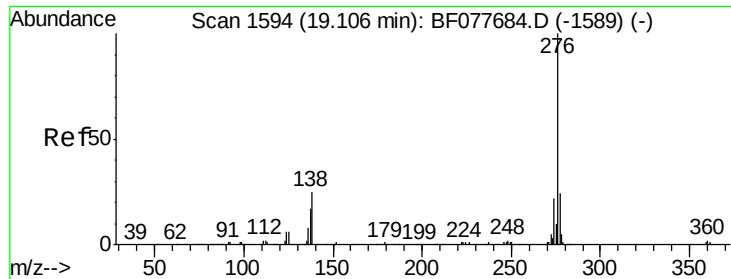
Acq: 12 Mar 2015 00:19

Tgt Ion:	149	Resp:	588981
Ion Ratio		Lower	Upper
149	100		
167	1.5	1.2	1.8
43	9.0	7.3	10.9



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





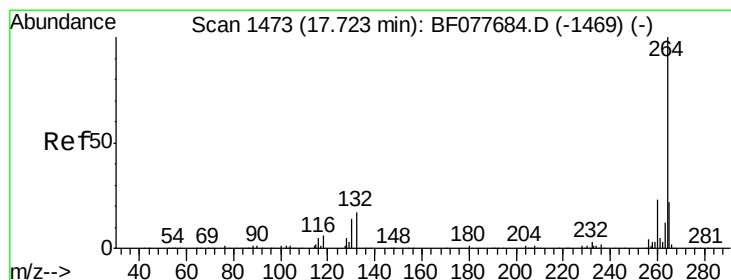
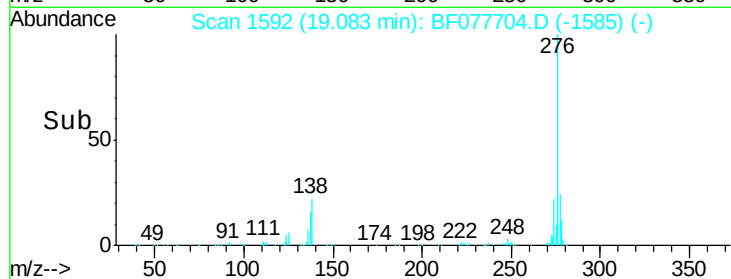
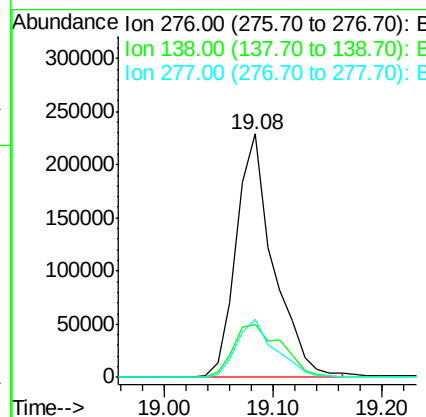
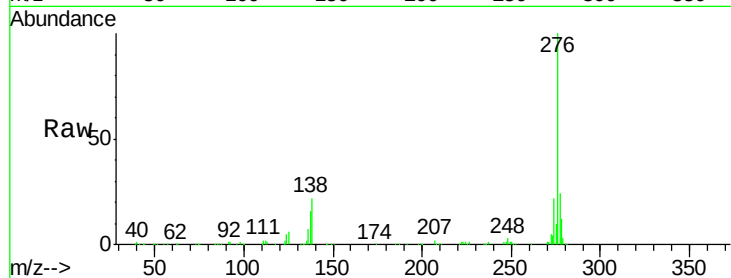
#85
Indeno(1,2,3-cd)pyrene
Concen: 35.47 ng
RT: 19.08 min Scan# 1592
Delta R.T. -0.02 min
Lab File: BF077704.D
Acq: 12 Mar 2015 00:19

Instrument :
BNA_F
ClientSampleId :
PB82075BS

Tot Ion	Ratio	Resp	Lower	Upper
276	100	541119		
138	28.4	0.0	0.0	0.0
277	24.8	0.0	0.0	0.0

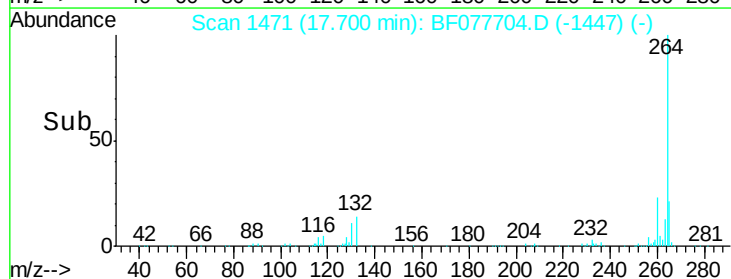
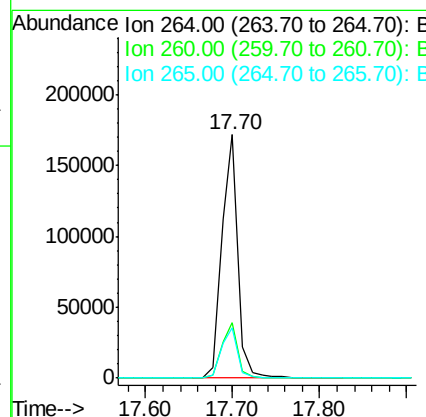
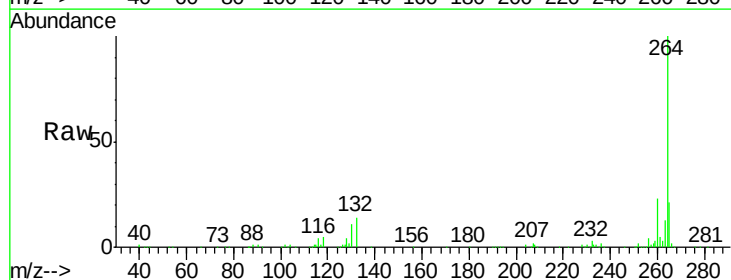
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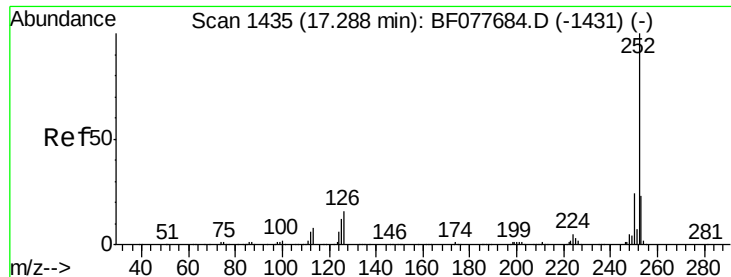
mohammad
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#86
Perylene-d12
Concen: 20.00 ng
RT: 17.70 min Scan# 1471
Delta R.T. -0.02 min
Lab File: BF077704.D
Acq: 12 Mar 2015 00:19

Tgt Ion	Ratio	Resp	Lower	Upper
264	100	221362		
260	23.0	18.6	27.8	
265	20.8	17.3	25.9	





#87

Benzo(b)fluoranthene

Concen: 35.64 ng

RT: 17.28 min Scan# 1434

Delta R.T. -0.01 min

Lab File: BF077704.D

Acq: 12 Mar 2015 00:19

Instrument :

BNA_F

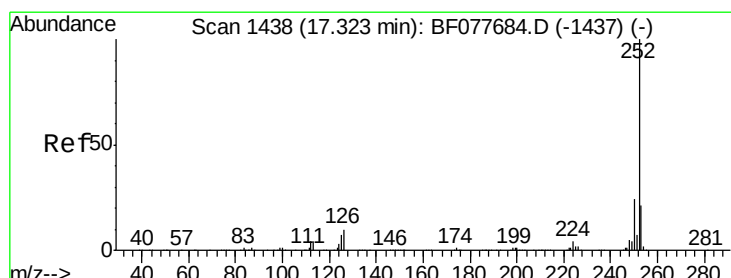
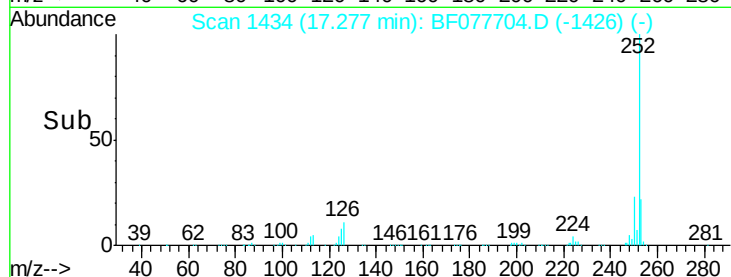
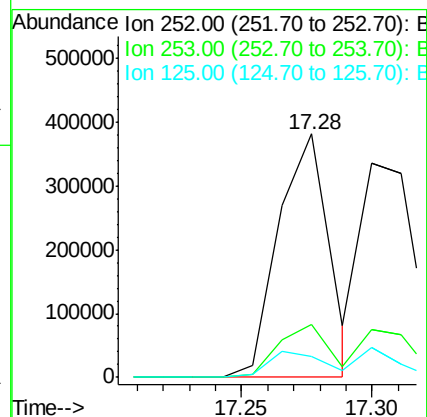
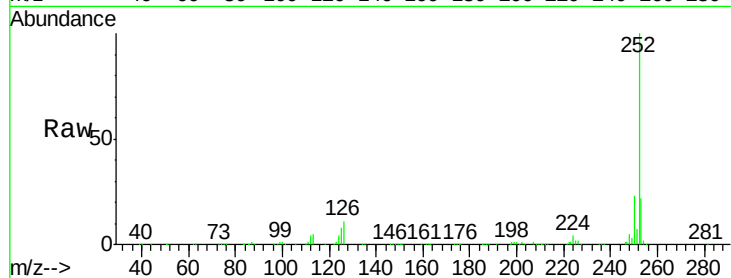
ClientSampleId :

PB82075BS

Tot Ion:	252	Resp:	514997
Ion Ratio	Lower	Upper	
252	100		
253	21.7	18.0	27.0
125	8.5	9.9	14.9#

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#88

Benzo(k)fluoranthene

Concen: 42.72 ng m

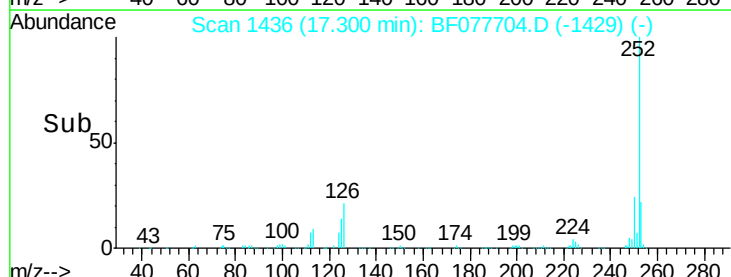
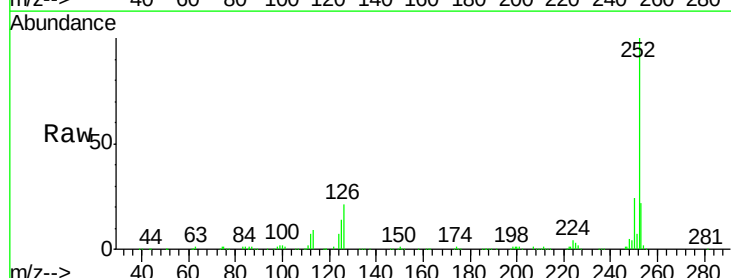
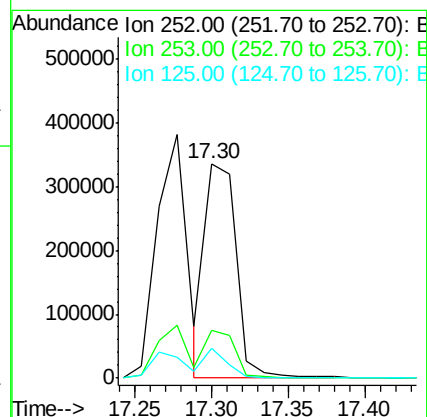
RT: 17.30 min Scan# 1436

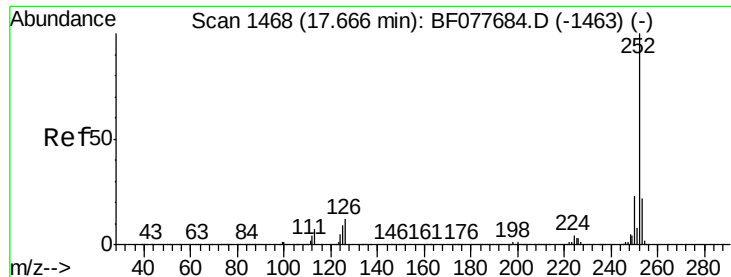
Delta R.T. -0.02 min

Lab File: BF077704.D

Acq: 12 Mar 2015 00:19

Tgt Ion:	252	Resp:	482261
Ion Ratio	Lower	Upper	
252	100		
253	22.1	17.2	25.8
125	13.9	8.1	12.1#





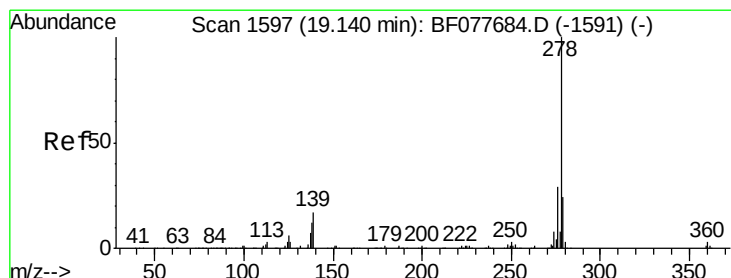
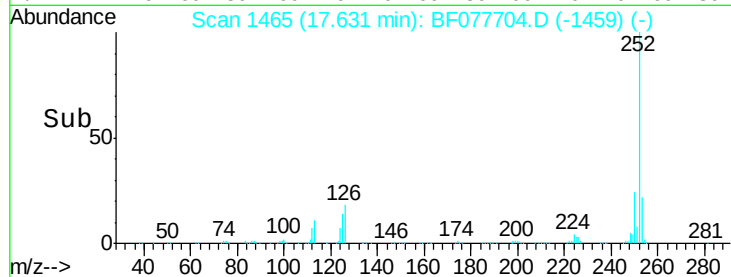
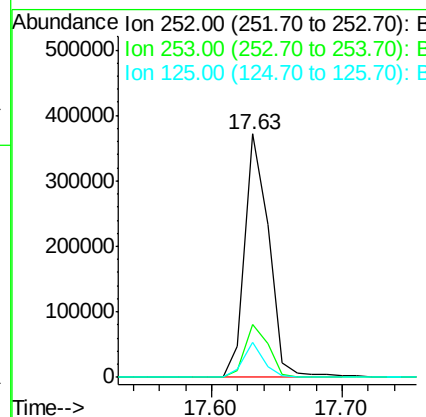
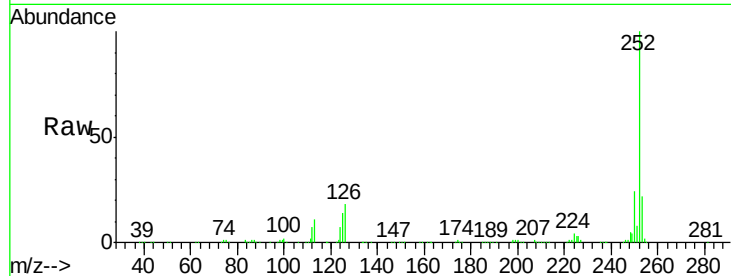
#89
Benzo(a)pyrene
Concen: 39.41 ng
RT: 17.63 min Scan# 1465
Delta R.T. -0.03 min
Lab File: BF077704.D
Acq: 12 Mar 2015 00:19

Instrument :
BNA_F
ClientSampleId :
PB82075BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.6	26.4
125	14.2	7.4	11.2

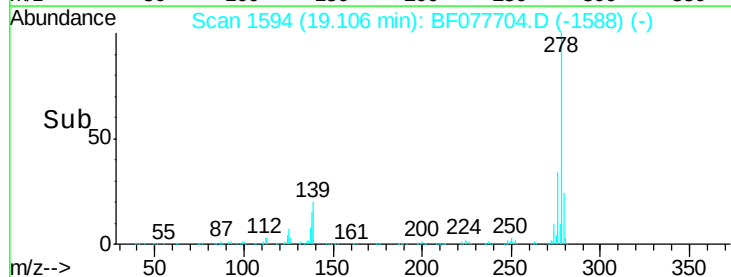
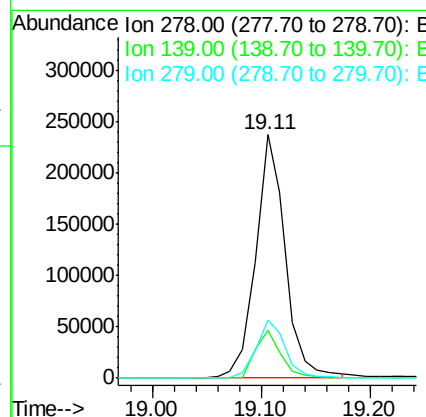
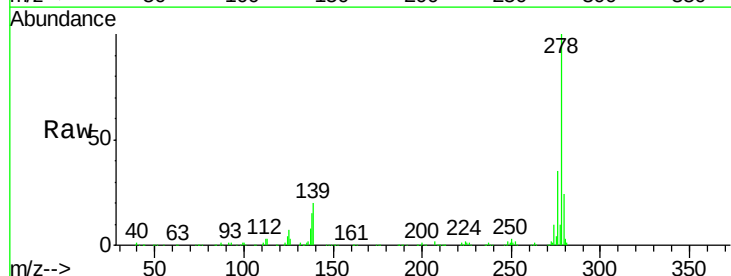
Manual Integrations
APPROVED

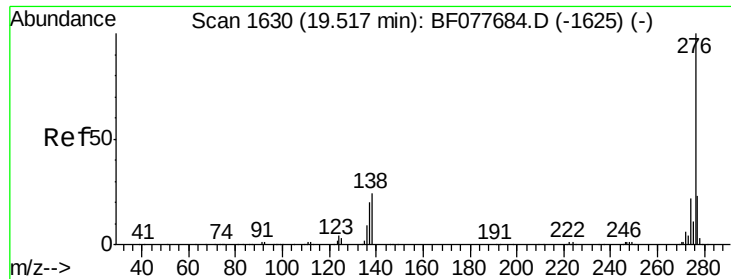
mohammad
3/13/2015 9:40:46 AM



#90
Dibenzo(a,h)anthracene
Concen: 37.53 ng
RT: 19.11 min Scan# 1594
Delta R.T. -0.03 min
Lab File: BF077704.D
Acq: 12 Mar 2015 00:19

Tgt Ion	Ratio	Lower	Upper
278	100		
139	19.7	13.4	20.0
279	24.1	19.0	28.4





#91
 Benzo(a,h,i)perylene
 Concen: 36.93 ng
 RT: 19.49 min Scan# 1628
 Delta R.T. -0.02 min
 Lab File: BF077704.D
 Acq: 12 Mar 2015 00:19

Instrument :
 BNA_F
 ClientSampleId :
 PB82075BS

Tot Ion:	276	Resp:	449592
Ion Ratio	Lower	Upper	
276	100		
277	23.9	18.5	27.7
138	20.7	19.0	28.6

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