

Data Path : Z:\HPCHEM1\BNA F\DATA\BF031115\
 Data File : BF077705.D
 Acq On : 12 Mar 2015 00:47
 Operator : TP/IZ
 Sample : PB82075BSD
 Misc : W
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB82075BSD

Manual Integrations
 APPROVED

mohammad
 3/13/2015 9:40:49 AM

Quant Time: Mar 12 06:44:47 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	56185	20.00	ng	0.00
21) Naphthalene-d8	8.75	136	230617	20.00	ng	0.00
38) Acenaphthene-d10	10.91	164	117841	20.00	ng	0.00
63) Phenanthrene-d10	12.75	188	233562	20.00	ng	0.00
75) Chrysene-d12	16.03	240	241059	20.00	ng	0.00
86) Perylene-d12	17.69	264	225541	20.00	ng	-0.03

System Monitoring Compounds

5) 2-Fluorophenol	5.46	112	401217	124.65	ng	0.00
7) Phenol-d6	6.74	99	530677	133.44	ng	0.00
23) Nitrobenzene-d5	7.86	82	280651	79.77	ng	0.00
41) 2,4,6-Tribromophenol	11.89	330	133212	118.15	ng	0.00
44) 2-Fluorobiphenyl	10.09	172	631182	78.72	ng	0.00
78) Terphenyl-d14	14.74	244	769731	78.00	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.08	88	46849	32.06	ng	# 100
3) Pyridine	2.76	79	138869	35.37	ng	97
4) n-Nitrosodimethylamine	2.69	42	58104	33.98	ng	96
6) Aniline	6.75	93	97497	17.14	ng	# 1
8) 2-Chlorophenol	6.90	128	158370	41.33	ng	98
9) Benzaldehyde	6.61	77	16376	10.05	ng	99
10) Phenol	6.75	94	198331	42.19	ng	84
11) bis(2-Chloroethyl)ether	6.86	93	141664	40.23	ng	99
12) 1,3-Dichlorobenzene	7.09	146	161934	38.00	ng	98
13) 1,4-Dichlorobenzene	7.20	146	160902	36.34	ng	98
14) 1,2-Dichlorobenzene	7.38	146	155425	38.29	ng	99
15) Benzyl Alcohol	7.36	79	127027	40.92	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.54	45	189674	39.97	ng	100
17) 2-Methylphenol	7.50	107	127052	40.73	ng	99
18) Hexachloroethane	7.79	117	56880	39.17	ng	99
19) n-Nitroso-di-n-propylamine	7.69	70	105280	38.27	ng	98
20) 3+4-Methylphenols	7.70	107	166654	40.72	ng	99
22) Acetophenone	7.68	105	208556	40.85	ng	# 99
24) Nitrobenzene	7.88	77	146966	38.78	ng	98
25) Isophorone	8.18	82	279268	39.31	ng	# 90
26) 2-Nitrophenol	8.28	139	75154	40.50	ng	96
27) 2,4-Dimethylphenol	8.35	122	140970	41.70	ng	100
28) bis(2-Chloroethoxy)methane	8.46	93	173910	40.33	ng	99
29) 2,4-Dichlorophenol	8.58	162	138148	42.87	ng	96
30) 1,2,4-Trichlorobenzene	8.68	180	139590	38.72	ng	99
31) Naphthalene	8.77	128	458440	38.71	ng	100
32) Benzoic acid	8.45	122	66000	35.84	ng	95
33) 4-Chloroaniline	8.84	127	79521	16.54	ng	# 91
34) Hexachlorobutadiene	8.93	225	75795	37.09	ng	98
35) Caprolactam	9.26	113	39991	42.47	ng	100
36) 4-Chloro-3-methylphenol	9.46	107	137044	42.27	ng	99
37) 2-Methylnaphthalene	9.63	142	328056	41.23	ng	97
39) 1,2,4,5-Tetrachlorobenzene	9.84	216	139555	39.71	ng	# 100
40) Hexachlorocyclopentadiene	9.82	237	141191	80.24	ng	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.99	196	98339	40.39	nq	99
43) 2,4,5-Trichlorophenol	10.03	196	104004	39.54	nq	96
45) 1,1'-Biphenyl	10.21	154	388135	41.20	nq	99
46) 2-Chloronaphthalene	10.23	162	294112	38.42	nq	# 92
47) 2-Nitroaniline	10.36	65	83167	43.74	nq	94
48) Acenaphthylene	10.74	152	486351	38.20	nq	100
49) Dimethylphthalate	10.60	163	356928	40.84	nq	99
50) 2,6-Dinitrotoluene	10.67	165	75893	41.89	nq	95
51) Acenaphthene	10.96	154	279742	38.33	nq	99
52) 3-Nitroaniline	10.87	138	47797	22.72	nq	# 74
53) 2,4-Dinitrophenol	11.00	184	56102	83.86	nq	98
54) Dibenzofuran	11.17	168	445386	41.14	nq	99
55) 4-Nitrophenol	11.09	139	142008	91.11	nq	93
56) 2,4-Dinitrotoluene	11.16	165	100887	42.71	nq	# 97
57) Fluorene	11.60	166	360595	40.12	nq	100
58) 2,3,4,6-Tetrachlorophenol	11.32	232	82522	40.75	nq	# 100
59) Diethylphthalate	11.48	149	348092	40.88	nq	99
60) 4-Chlorophenyl-phenylether	11.61	204	165829	40.42	nq	95
61) 4-Nitroaniline	11.62	138	76888	36.67	nq	80
62) Azobenzene	11.80	77	329216	40.45	nq	99
64) 4,6-Dinitro-2-methylphenol	11.67	198	41810	38.82	nq	88
65) n-Nitrosodiphenylamine	11.76	169	308305	39.64	nq	99
66) 4-Bromophenyl-phenylether	12.21	248	98478	39.51	nq	98
67) Hexachlorobenzene	12.27	284	105614	38.56	nq	# 93
68) Atrazine	12.43	200	98401	45.15	nq	98
69) Pentachlorophenol	12.52	266	110609	77.22	nq	99
70) Phenanthrene	12.79	178	518721	38.69	nq	100
71) Anthracene	12.84	178	512714	38.70	nq	100
72) Carbazole	13.05	167	477866	37.92	nq	100
73) Di-n-butylphthalate	13.51	149	565094	39.99	nq	100
74) Fluoranthene	14.25	202	546742	36.97	nq	93
76) Benzidine	14.43	184	184523	30.83	nq	98
77) Pyrene	14.53	202	597382	39.41	nq	100
79) Butylbenzylphthalate	15.37	149	247682	41.44	nq	97
80) Benzo(a)anthracene	16.02	228	552814	38.69	nq	100
81) 3,3'-Dichlorobenzidine	16.00	252	111704	23.70	nq	98
82) Chrysene	16.07	228	497794	38.74	nq	100
83) Bis(2-ethylhexyl)phthalate	16.08	149	371968	41.09	nq	# 95
84) Di-n-octyl phthalate	16.85	149	617903	39.92	nq	99
85) Indeno(1,2,3-cd)pyrene	19.08	276	573016	35.73	nq	# 100
87) Benzo(b)fluoranthene	17.28	252	545639	37.06	nq	# 95
88) Benzo(k)fluoranthene	17.30	252	492247m	42.80	nq	
89) Benzo(a)pyrene	17.63	252	496187	40.39	nq	# 97
90) Dibenzo(a,h)anthracene	19.11	278	470291	38.60	nq	98
91) Benzo(g,h,i)perylene	19.48	276	476976	38.45	nq	96

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

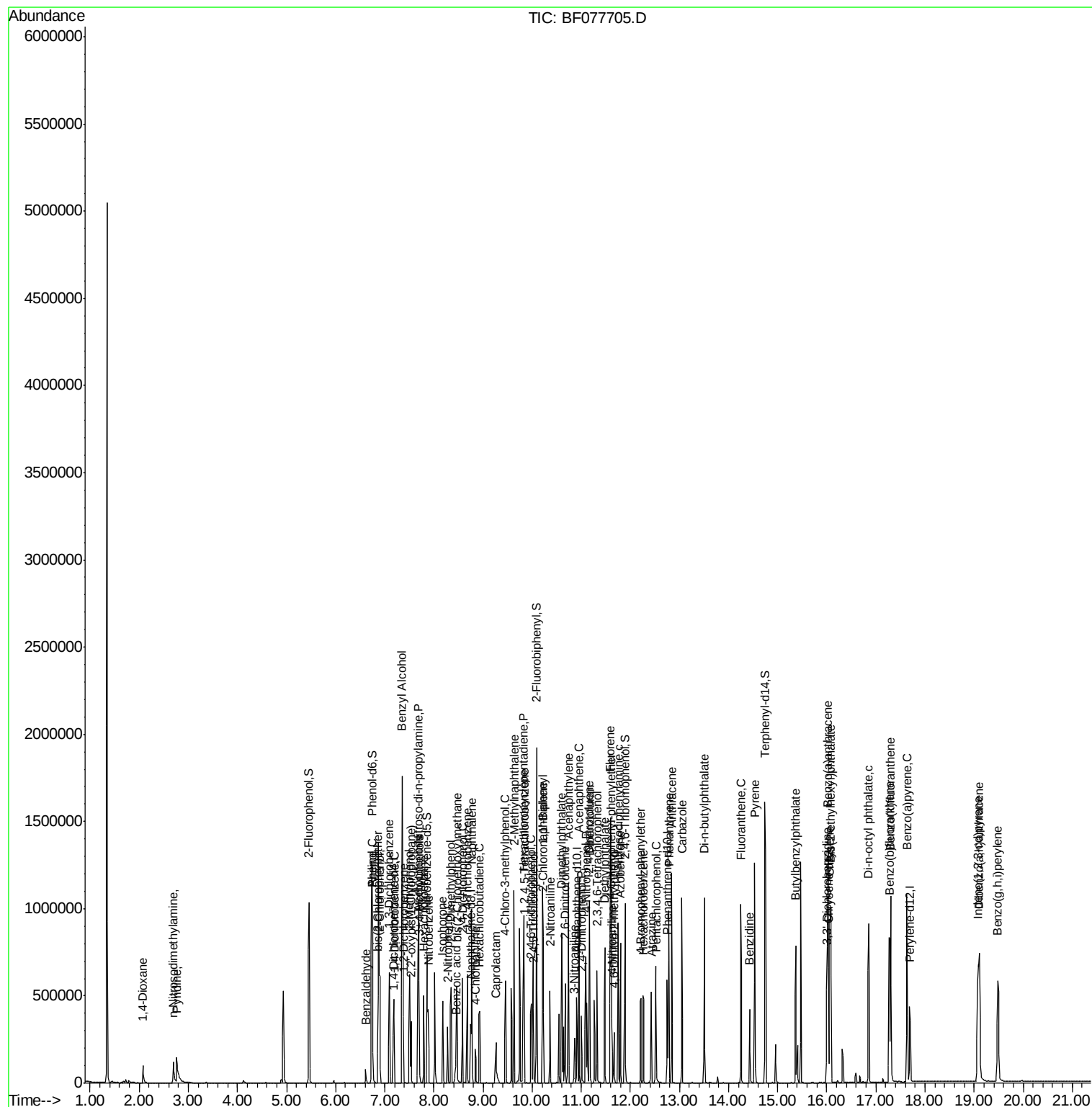
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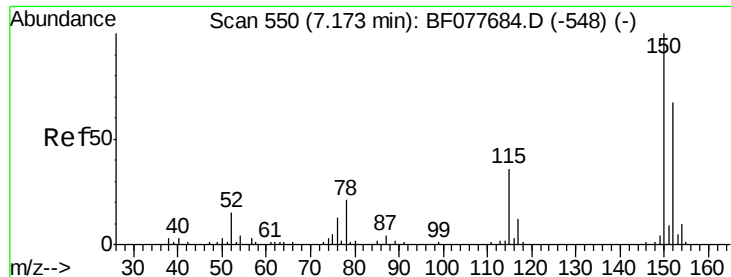
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#1

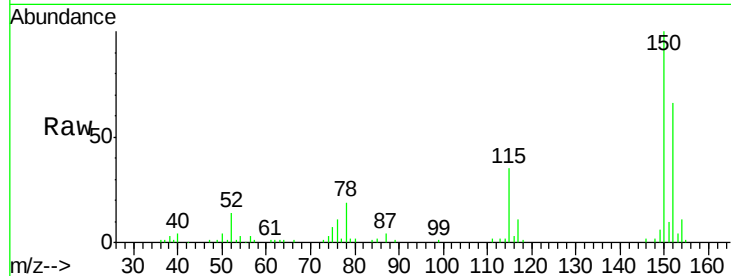
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.17 min Scan# 550
Delta R.T. 0.00 min
Lab File: BF077705.D
Acq: 12 Mar 2015 00:47

Instrument :
BNA_F
ClientSampleId :
PB82075BSD

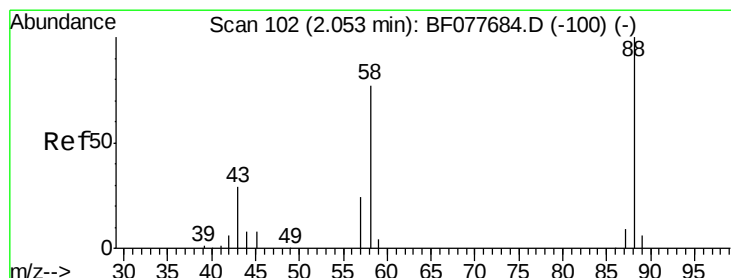
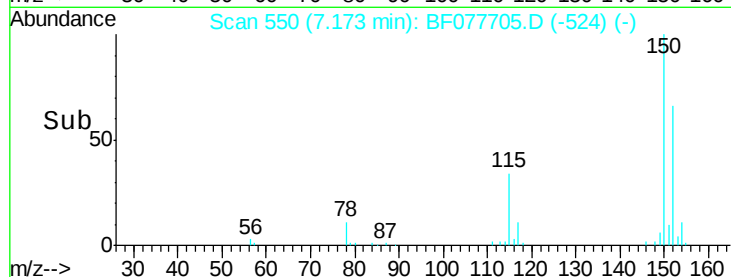
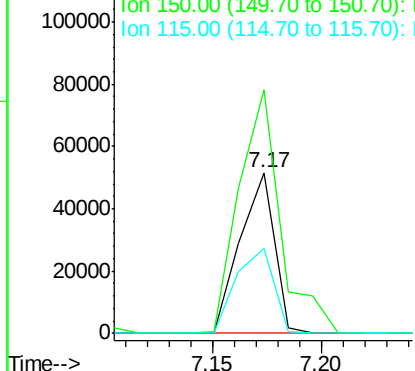
Tot Ion	Ratio	Lower	Upper
152	100		
150	151.7	119.5	179.3
115	52.6	43.0	64.4

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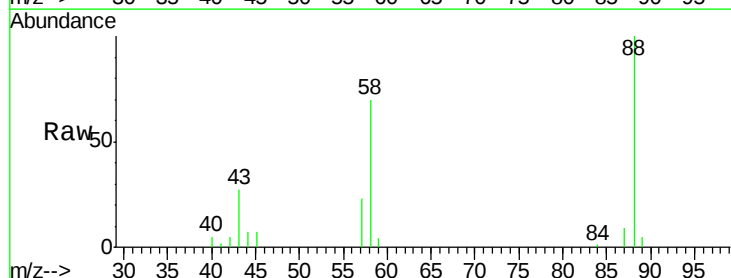
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



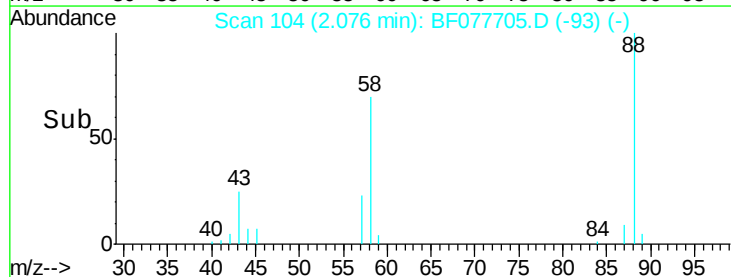
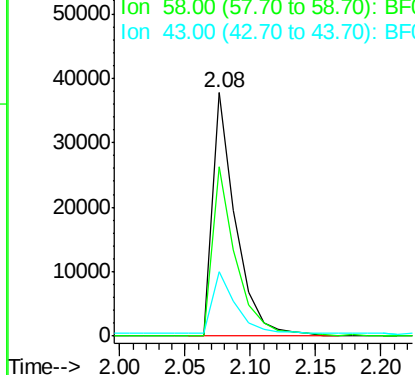
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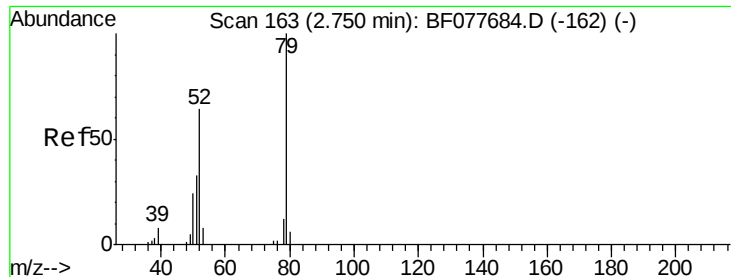
1,4-Dioxane
Concen: 32.06 ng
RT: 2.08 min Scan# 104
Delta R.T. 0.02 min
Lab File: BF077705.D
Acq: 12 Mar 2015 00:47

Tgt Ion	Ratio	Lower	Upper
88	100		
58	72.0	0.0	0.0#
43	28.4	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: 35.37 ng

RT: 2.76 min Scan# 164

Delta R.T. 0.01 min

Lab File: BF077705.D

Acq: 12 Mar 2015 00:47

Instrument :

BNA_F

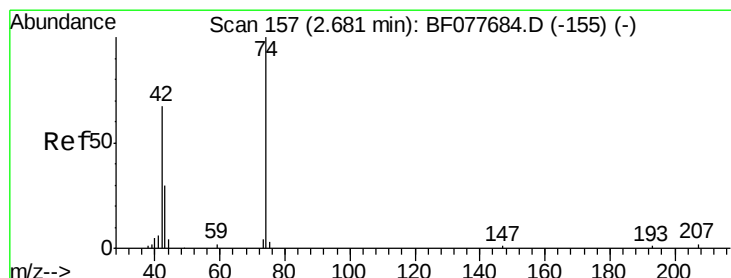
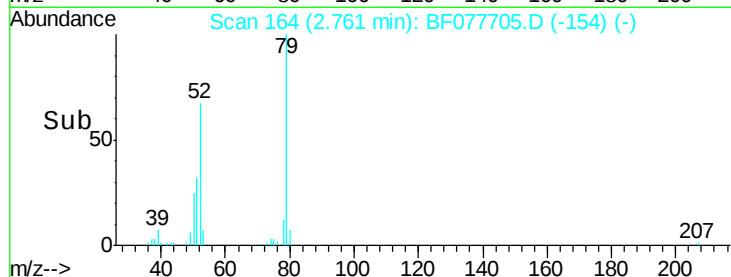
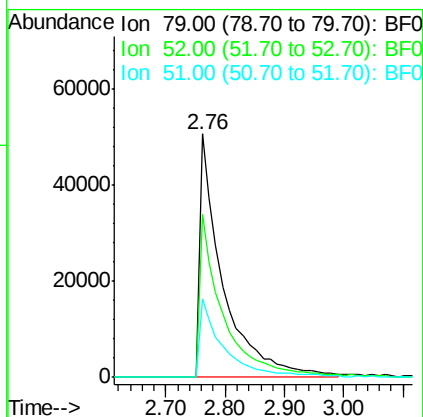
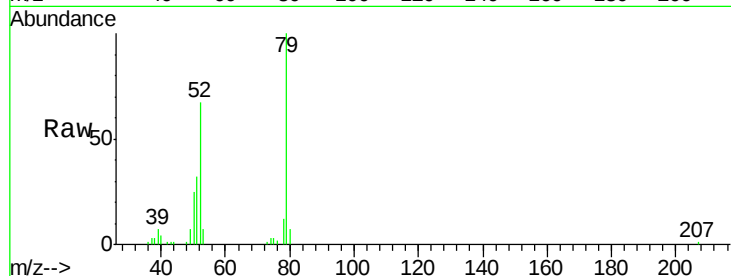
ClientSampleId :

PB82075BSD

Tot Ion:	79	Resp:	138869
Ion Ratio	Lower	Upper	
79	100		
52	66.8	51.1	76.7
51	32.3	26.1	39.1

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#4

n-Nitrosodimethylamine

Concen: 33.98 ng

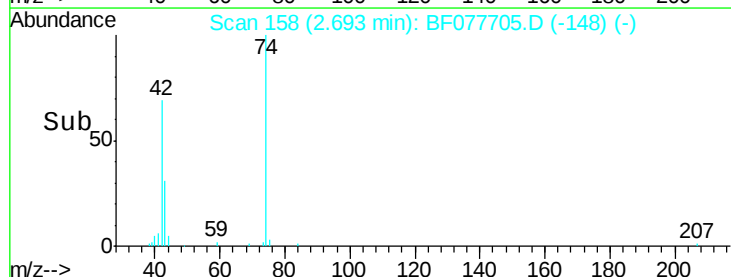
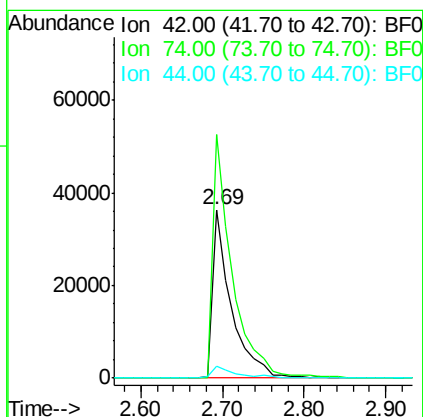
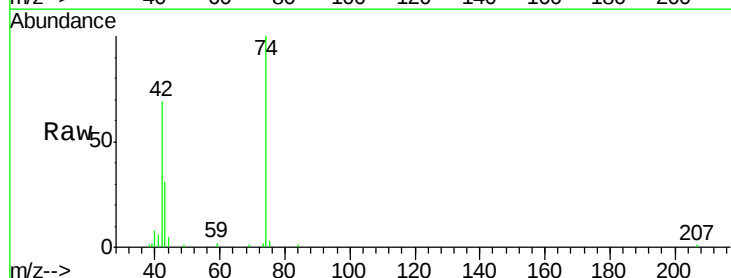
RT: 2.69 min Scan# 158

Delta R.T. 0.01 min

Lab File: BF077705.D

Acq: 12 Mar 2015 00:47

Tgt Ion:	42	Resp:	58104
Ion Ratio	Lower	Upper	
42	100		
74	144.5	119.3	178.9
44	7.3	5.4	8.2





#5

2-Fluorophenol

Concen: 124.65 ng

RT: 5.46 min Scan# 400

Delta R.T. 0.00 min

Lab File: BF077705.D

Acq: 12 Mar 2015 00:47

Instrument :

BNA_F

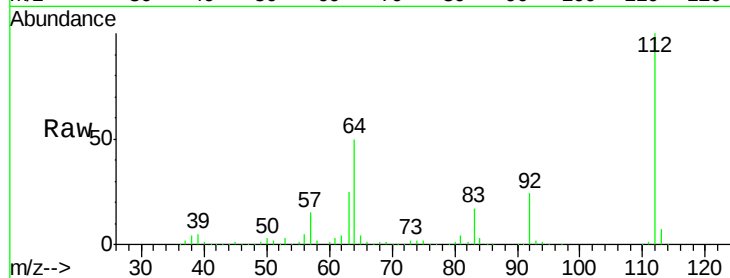
ClientSampleId :

PB82075BSD

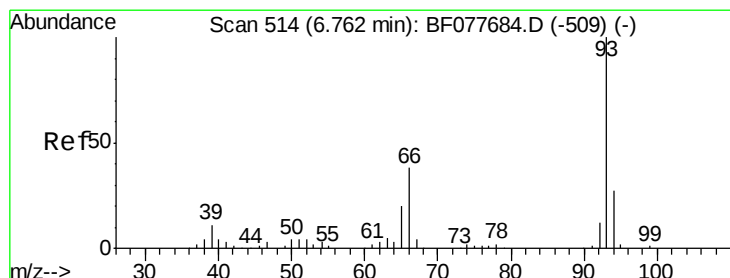
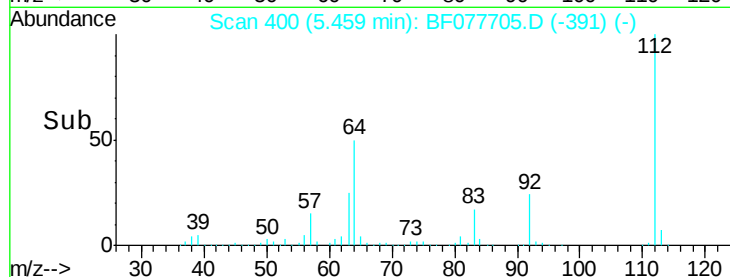
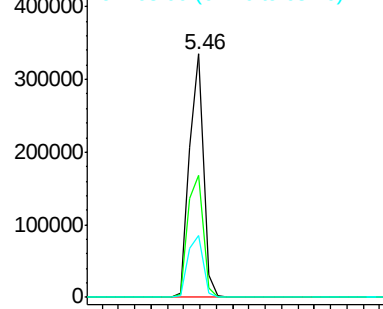
Tot Ion:	112	Resp:	401217
Ion Ratio	Lower	Upper	
112	100		
64	50.1	38.6	57.8
63	25.3	19.3	28.9

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Abundance Ion 112.00 (111.70 to 112.70): BF077705.D (-505) (-)



#6

Aniline

Concen: 17.14 ng

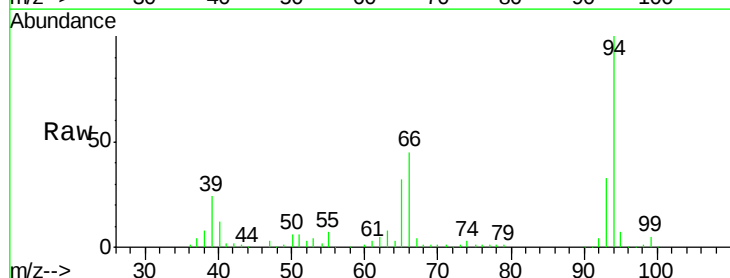
RT: 6.75 min Scan# 513

Delta R.T. -0.01 min

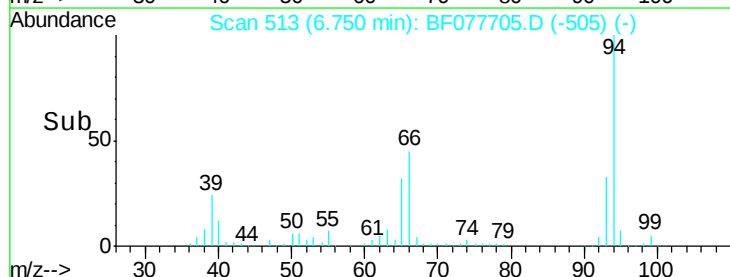
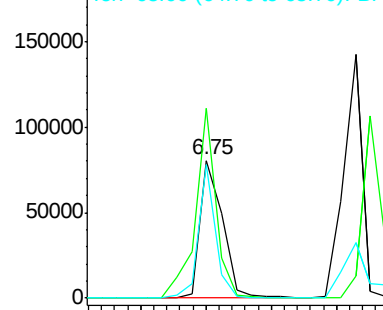
Lab File: BF077705.D

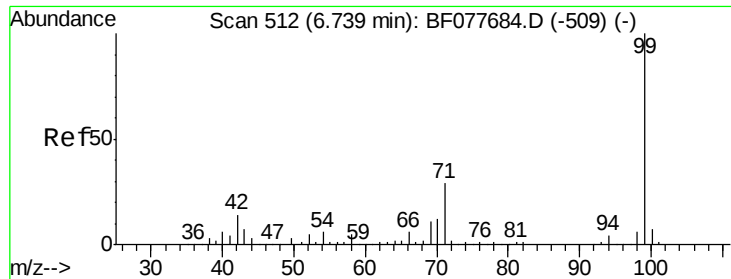
Acq: 12 Mar 2015 00:47

Tgt Ion:	93	Resp:	97497
Ion Ratio	Lower	Upper	
93	100		
66	137.6	30.8	46.2#
65	96.9	16.0	24.0#



Abundance Ion 93.00 (92.70 to 93.70): BF077705.D (-505) (-)





#7

Phenol-d6

Concen: 133.44 ng

RT: 6.74 min Scan# 512

Delta R.T. 0.00 min

Lab File: BF077705.D

Acq: 12 Mar 2015 00:47

Instrument :

BNA_F

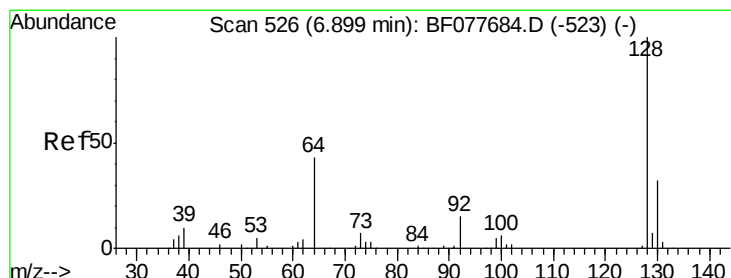
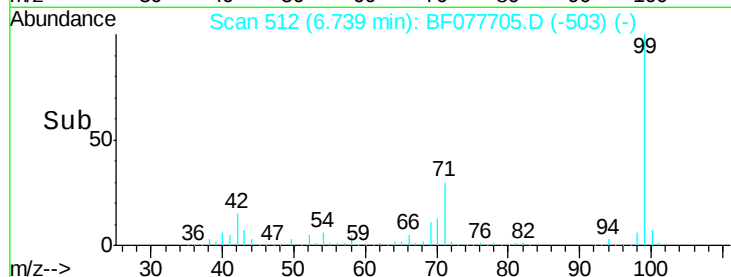
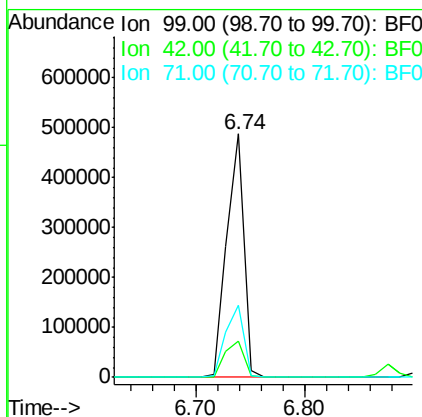
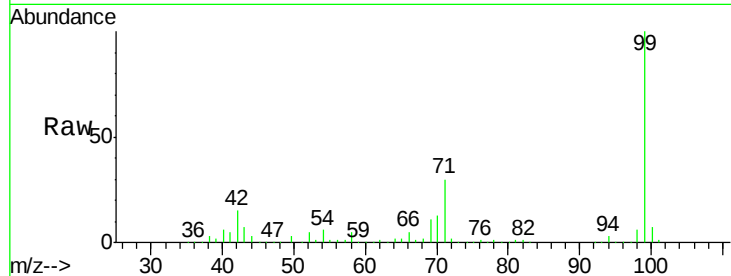
ClientSampleId :

PB82075BSD

Tot Ion:	99	Resp:	530677
Ion	Ratio	Lower	Upper
99	100		
42	14.9	11.0	16.4
71	29.7	23.4	35.2

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#8

2-Chlorophenol

Concen: 41.33 ng

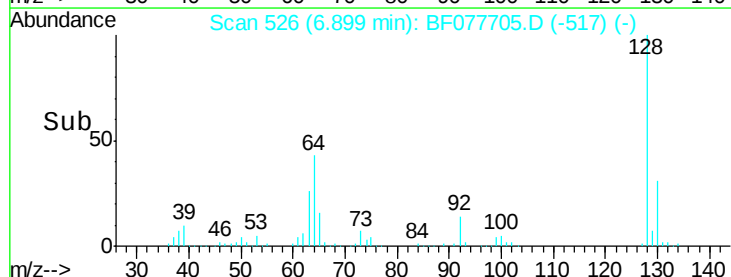
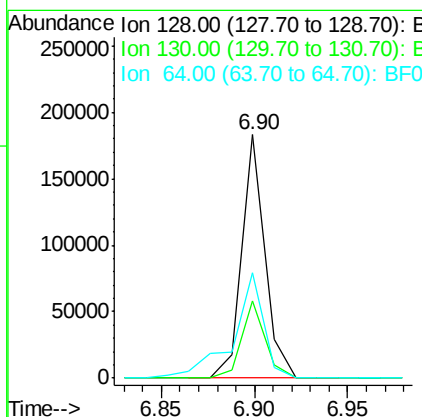
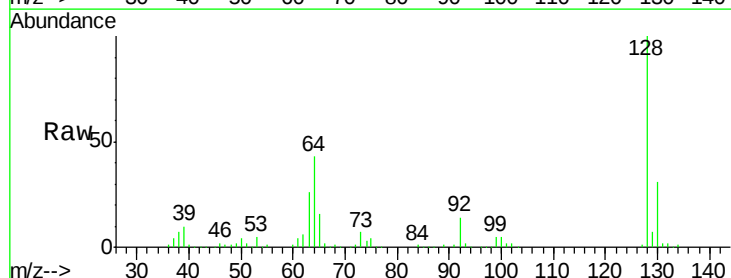
RT: 6.90 min Scan# 526

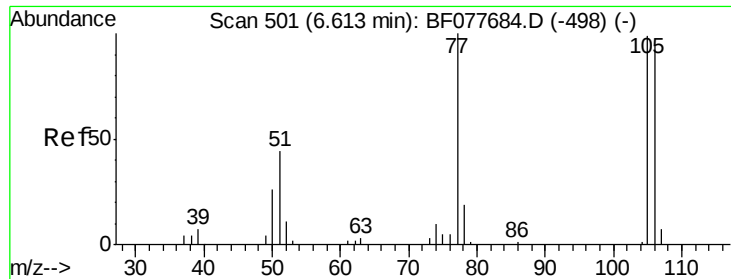
Delta R.T. 0.00 min

Lab File: BF077705.D

Acq: 12 Mar 2015 00:47

Tgt Ion:	128	Resp:	158370
Ion	Ratio	Lower	Upper
128	100		
130	31.5	12.0	52.0
64	43.1	24.9	64.9





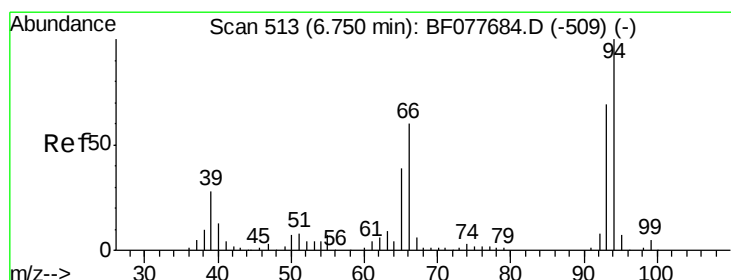
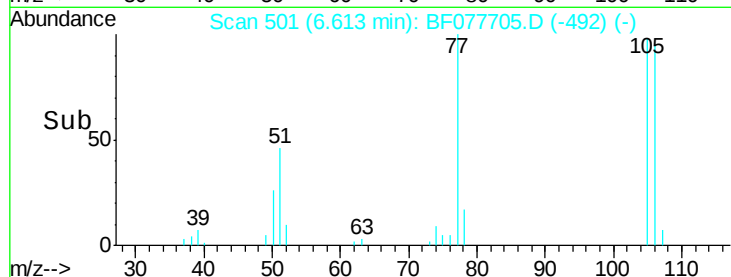
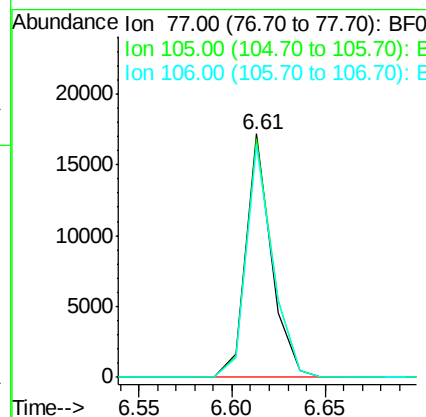
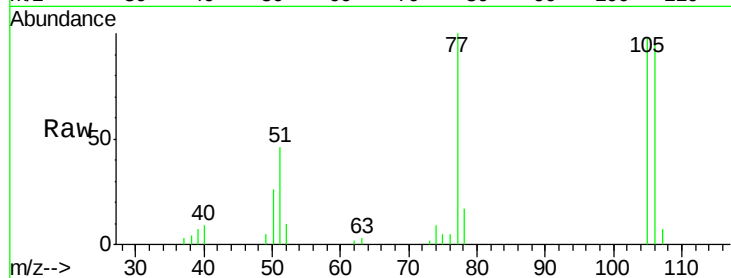
#9
Benzaldehyde
Concen: 10.05 ng
RT: 6.61 min Scan# 501
Delta R.T. 0.00 min
Lab File: BF077705.D
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Instrument :
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ClientSampleId :
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Tot Ion	Ratio	Lower	Upper
77	100		
105	98.0	78.8	118.8
106	95.3	73.7	113.7

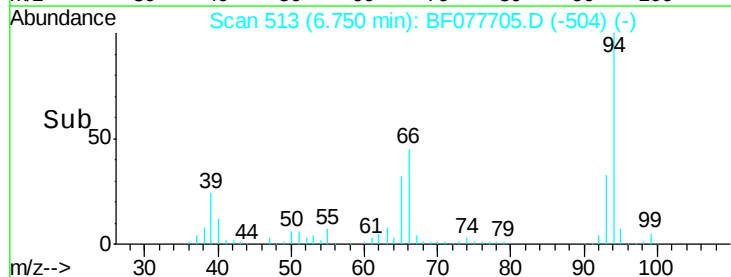
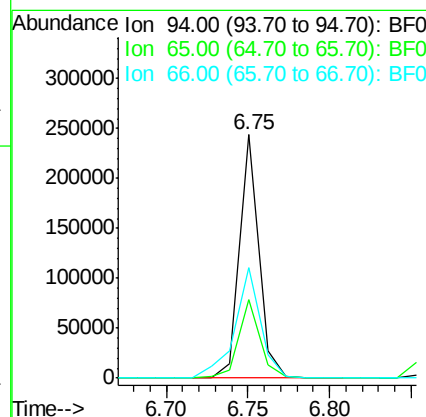
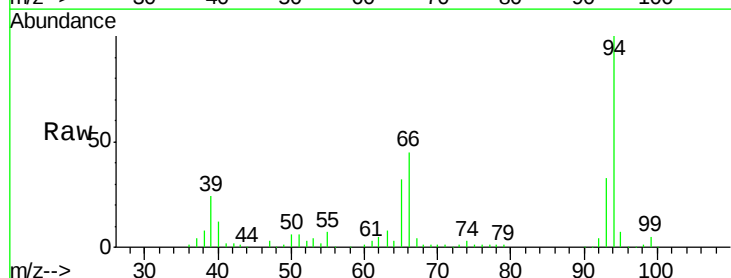
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mohammad
3/13/2015 9:40:49 AM



#10
Phenol
Concen: 42.19 ng
RT: 6.75 min Scan# 513
Delta R.T. 0.00 min
Lab File: BF077705.D
Acq: 12 Mar 2015 00:47

Tgt Ion	Ratio	Lower	Upper
94	100		
65	32.0	18.8	58.8
66	45.5	39.9	79.9





#11

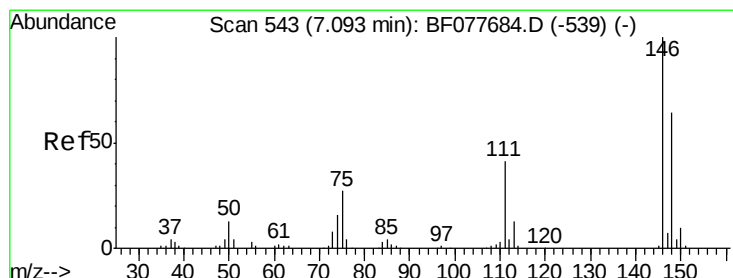
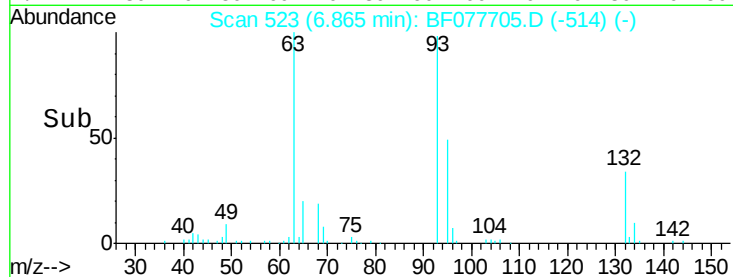
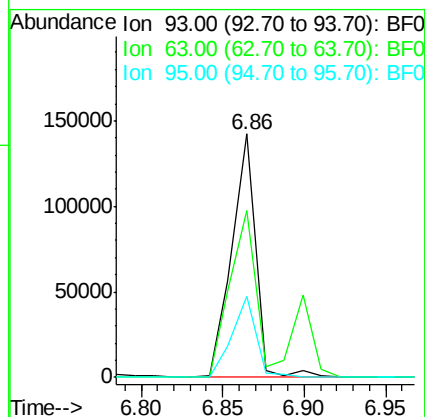
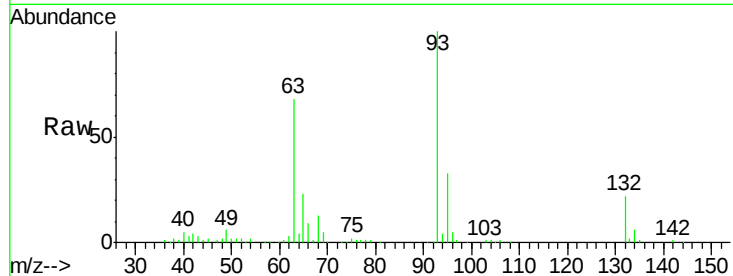
bis(2-Chloroethyl)ether
Concen: 40.23 ng
RT: 6.86 min Scan# 523
Delta R.T. 0.00 min
Lab File: BF077705.D
Acq: 12 Mar 2015 00:47

Instrument :
BNA_F
ClientSampleId :
PB82075BSD

Tot Ion:	93	Resp:	141664
Ion Ratio	Lower	Upper	
93	100		
63	68.5	49.5	89.5
95	33.2	13.5	53.5

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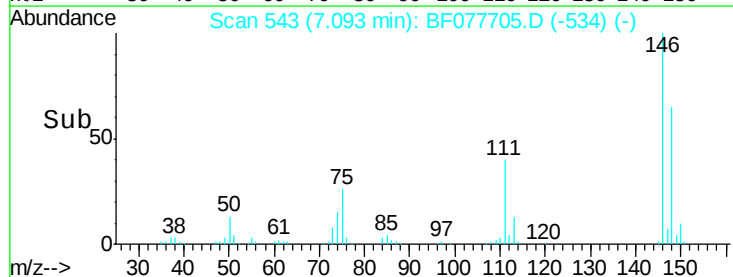
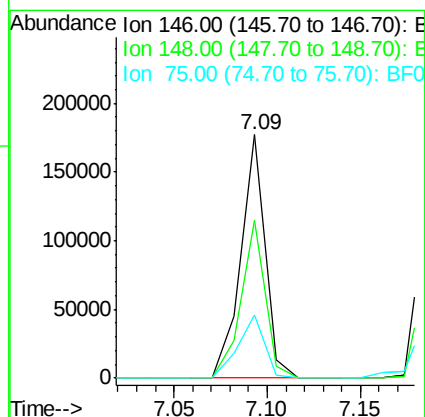
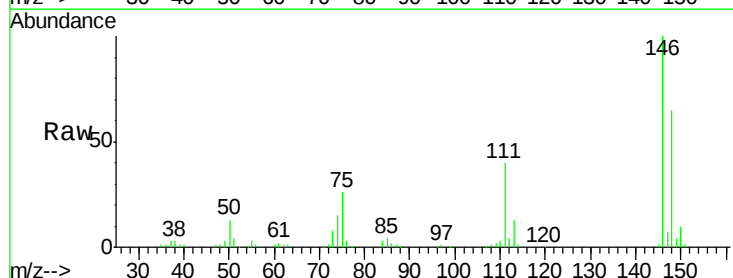
mohammad
3/13/2015 9:40:49 AM

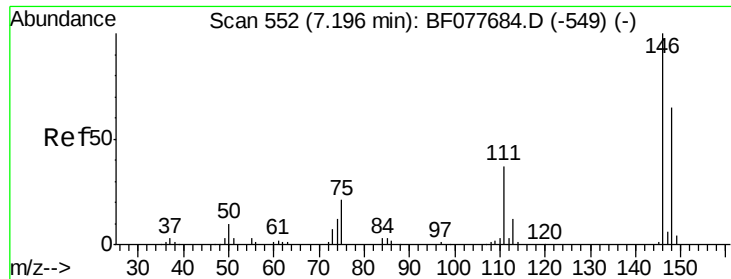


#12

1,3-Dichlorobenzene
Concen: 38.00 ng
RT: 7.09 min Scan# 543
Delta R.T. 0.00 min
Lab File: BF077705.D
Acq: 12 Mar 2015 00:47

Tgt Ion:	146	Resp:	161934
Ion Ratio	Lower	Upper	
146	100		
148	64.7	50.9	76.3
75	25.8	21.4	32.2





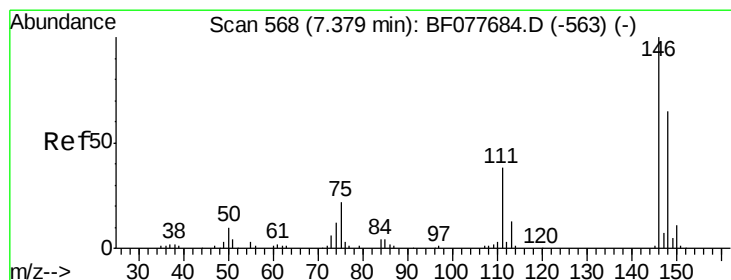
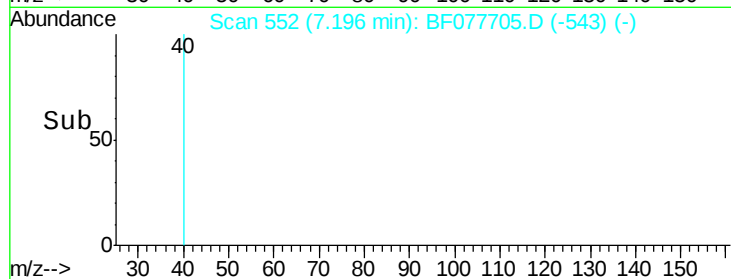
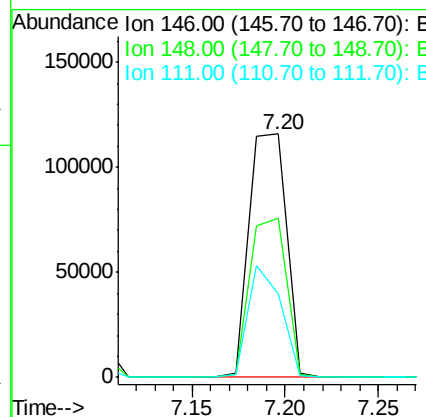
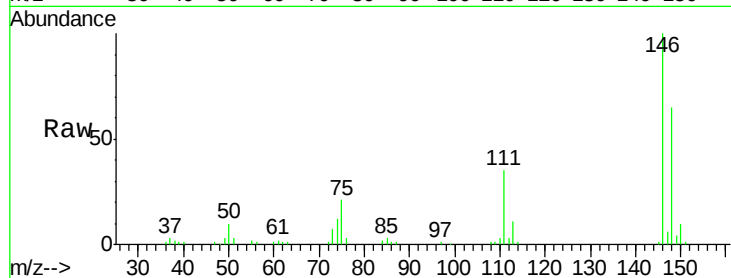
#13
 1,4-Dichlorobenzene
 Concen: 36.34 ng
 RT: 7.20 min Scan# 552
 Delta R.T. 0.00 min
 Lab File: BF077705.D
 Acq: 12 Mar 2015 00:47

Instrument :
 BNA_F
 ClientSampleId :
 PB82075BSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	65.4	51.9	77.9
111	34.6	29.2	43.8

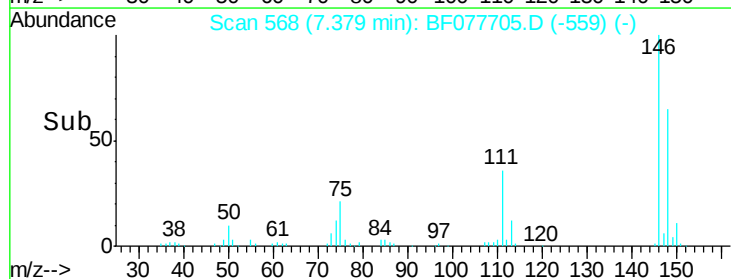
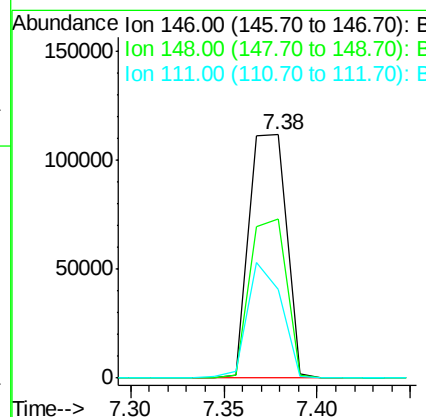
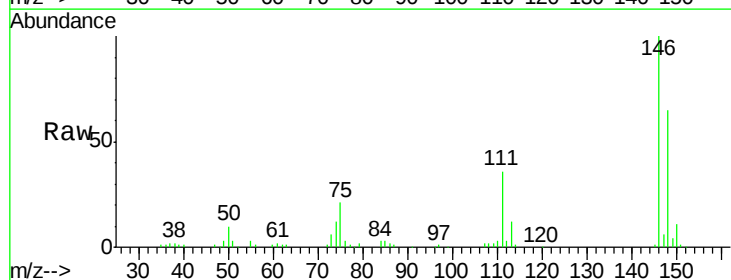
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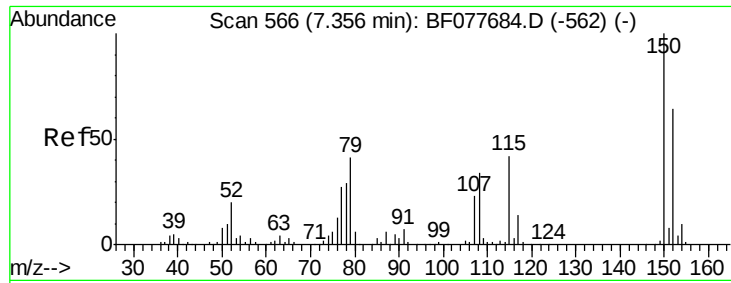
mohammad
 3/13/2015 9:40:49 AM



#14
 1,2-Dichlorobenzene
 Concen: 38.29 ng
 RT: 7.38 min Scan# 568
 Delta R.T. 0.00 min
 Lab File: BF077705.D
 Acq: 12 Mar 2015 00:47

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.1	52.3	78.5
111	36.3	30.6	45.8





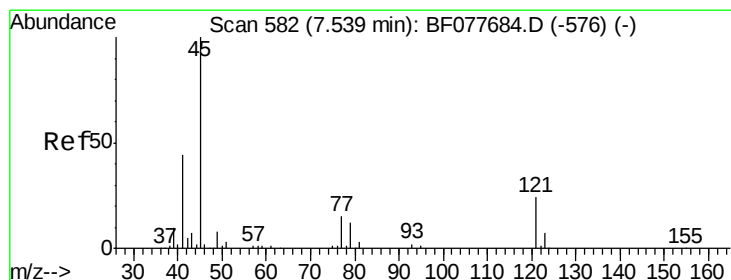
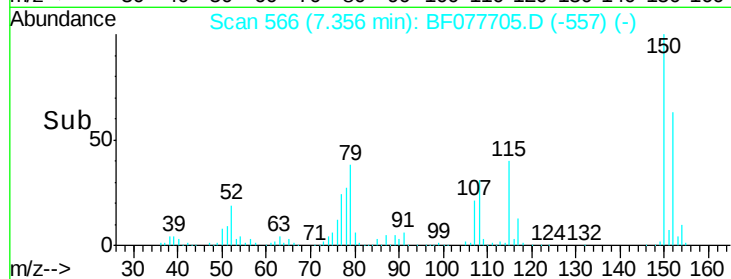
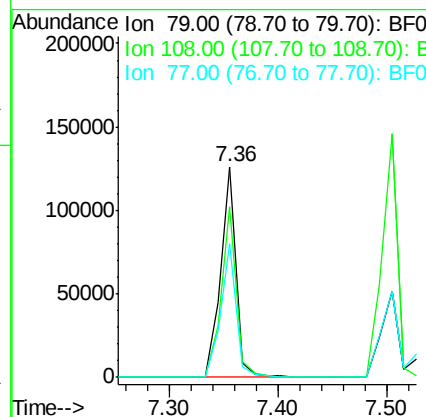
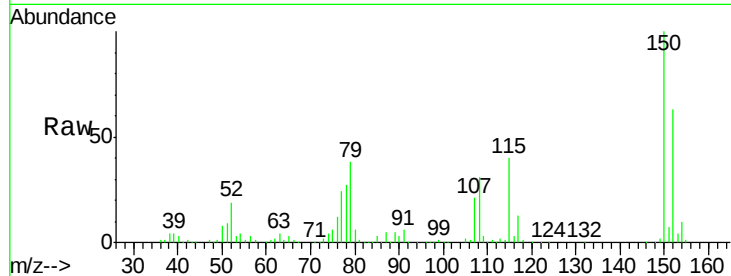
#15
Benzyl Alcohol
Concen: 40.92 ng
RT: 7.36 min Scan# 566
Delta R.T. 0.00 min
Lab File: BF077705.D
Acq: 12 Mar 2015 00:47

Instrument :
BNA_F
ClientSampleId :
PB82075BSD

Tot Ion	Ratio	Lower	Upper
79	100		
108	81.2	65.0	97.4
77	63.4	53.0	79.6

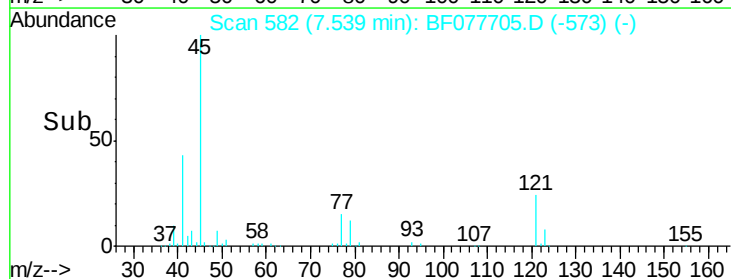
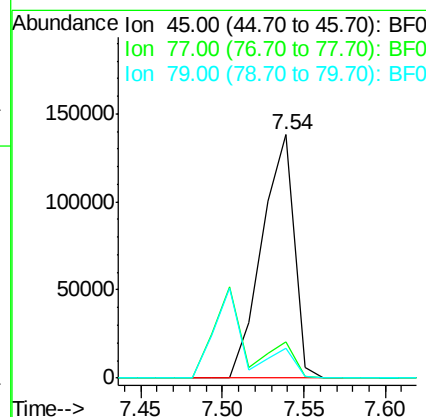
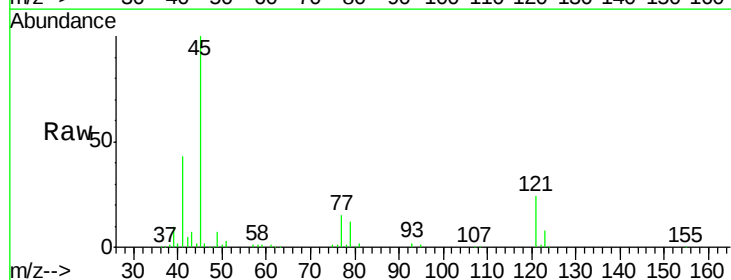
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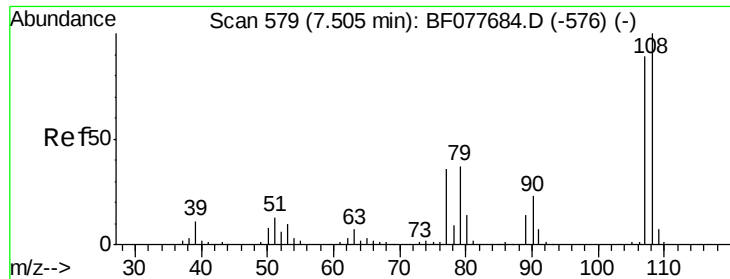
mohammad
3/13/2015 9:40:49 AM



#16
2,2'-oxybis(1-chloropropane)
Concen: 39.97 ng
RT: 7.54 min Scan# 582
Delta R.T. 0.00 min
Lab File: BF077705.D
Acq: 12 Mar 2015 00:47

Tgt Ion	Ratio	Lower	Upper
45	100		
77	15.1	0.0	35.2
79	12.3	0.0	32.0





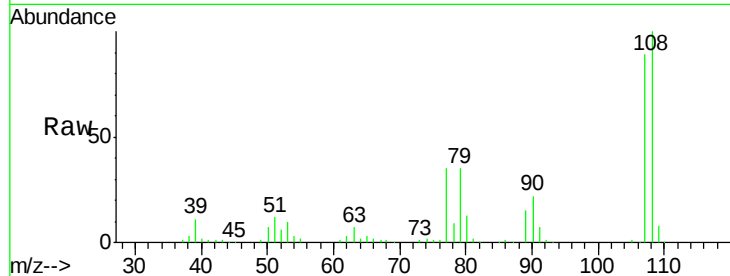
#17
2-Methylphenol
Concen: 40.73 ng
RT: 7.50 min Scan# 579
Delta R.T. 0.00 min
Lab File: BF077705.D
Acq: 12 Mar 2015 00:47

Instrument :
BNA_F
ClientSampleId :
PB82075BSD

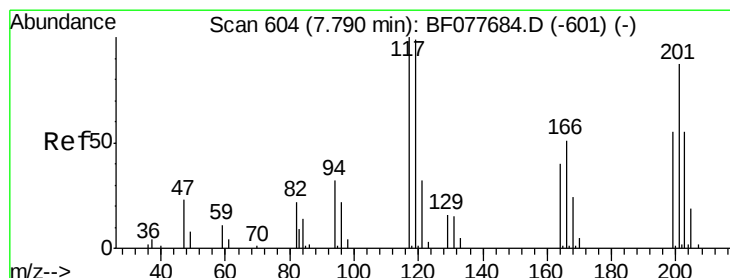
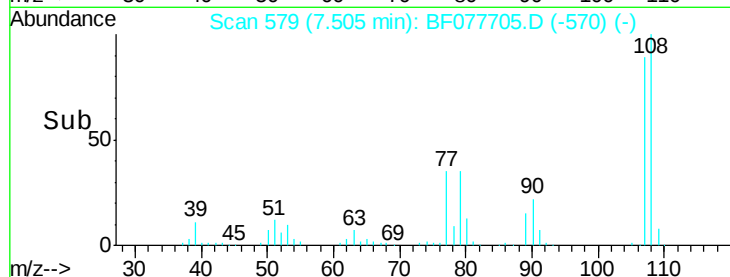
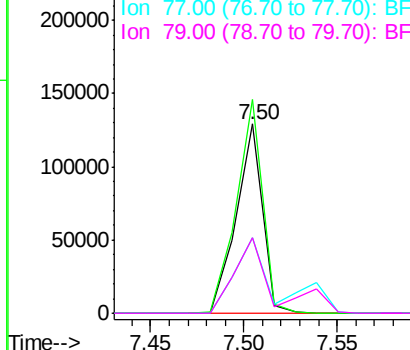
Tot Ion	107	Resp	127052
Ion Ratio	Lower	Upper	
107	100		
108	112.8	89.8	134.8
77	39.9	32.6	48.8
79	39.8	32.8	49.2

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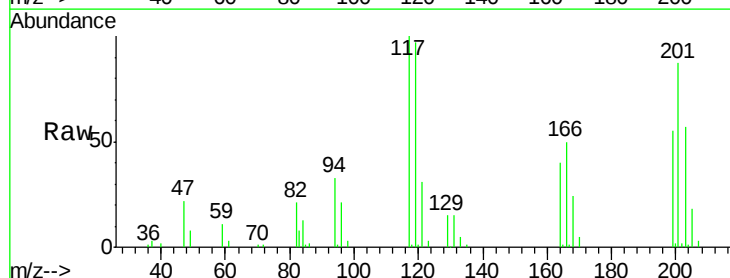


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

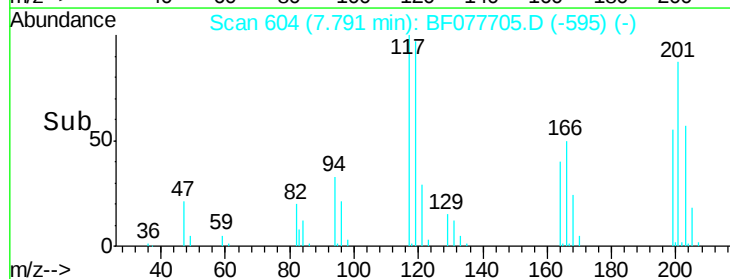
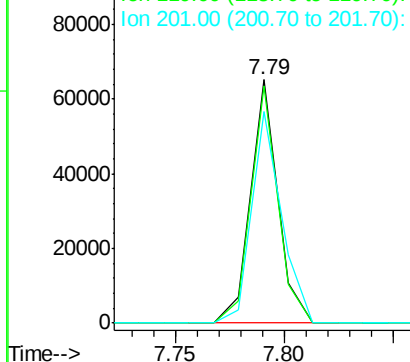


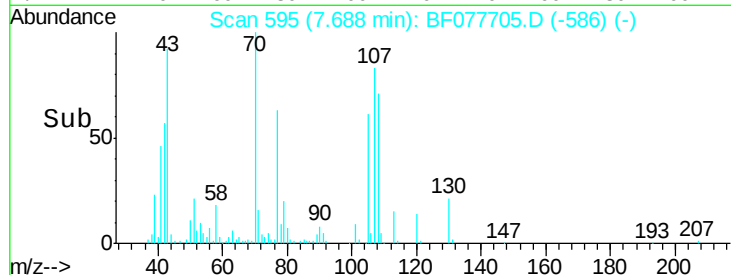
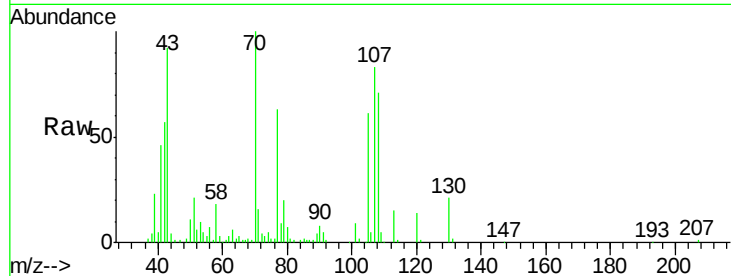
#18
Hexachloroethane
Concen: 39.17 ng
RT: 7.79 min Scan# 604
Delta R.T. 0.00 min
Lab File: BF077705.D
Acq: 12 Mar 2015 00:47

Tgt Ion	117	Resp	56880
Ion Ratio	Lower	Upper	
117	100		
119	97.2	79.2	118.8
201	86.9	69.8	104.6



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E





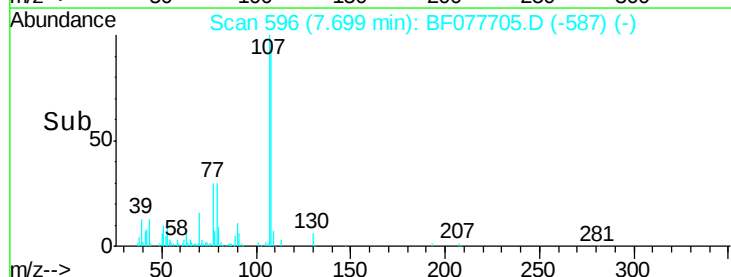
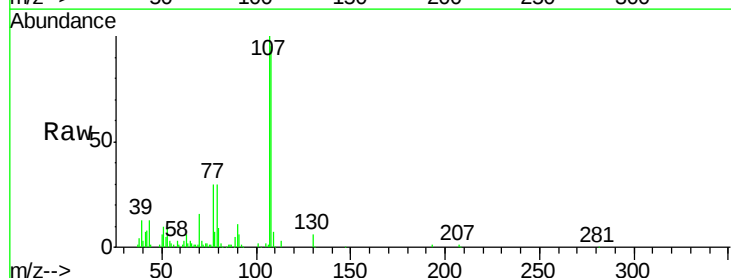
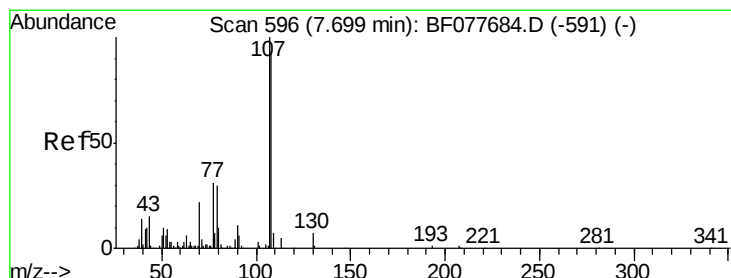
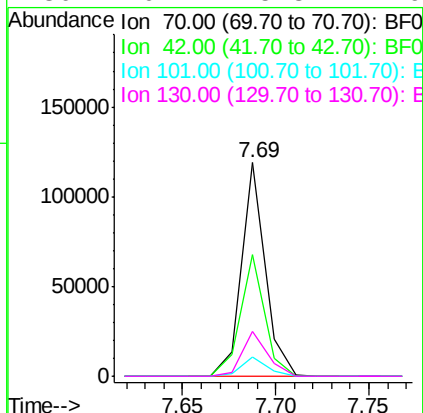
#19
n-Nitroso-di-n-propylamine
Concen: 38.27 ng
RT: 7.69 min Scan# 595
Delta R.T. 0.00 min
Lab File: BF077705.D
Acq: 12 Mar 2015 00:47

Instrument :
BNA_F
ClientSampleId :
PB82075BSD

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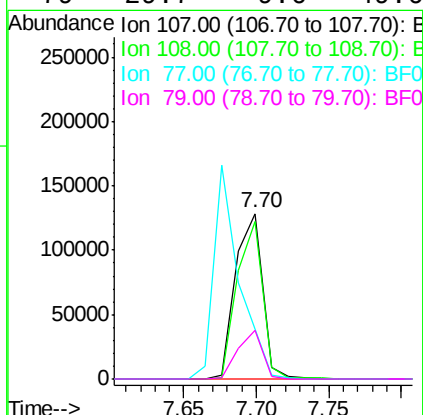
mohammad
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Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	57.0	44.5	66.7	
101	9.1	7.4	11.2	
130	20.7	15.3	22.9	



#20
3+4-Methylphenols
Concen: 40.72 ng
RT: 7.70 min Scan# 596
Delta R.T. 0.00 min
Lab File: BF077705.D
Acq: 12 Mar 2015 00:47

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	94.8	73.2	113.2	
77	30.4	10.7	50.7	
79	29.7	9.6	49.6	





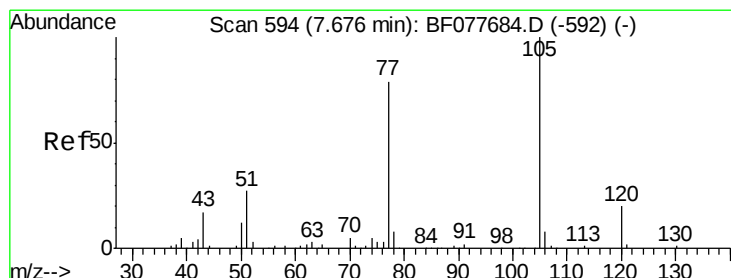
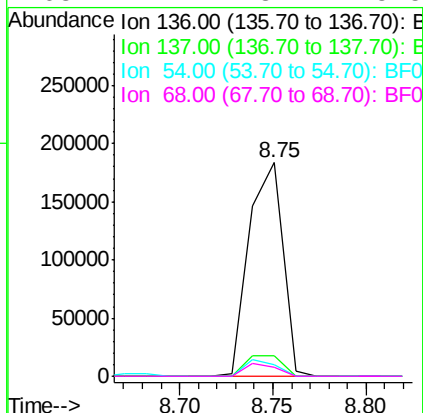
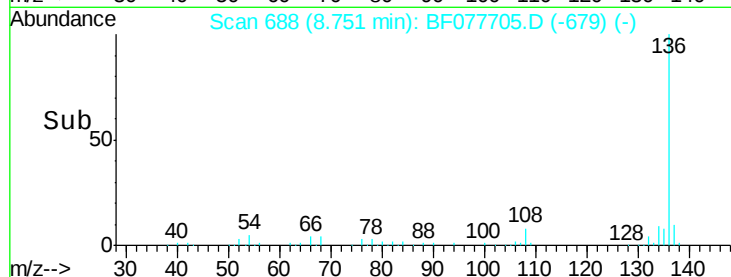
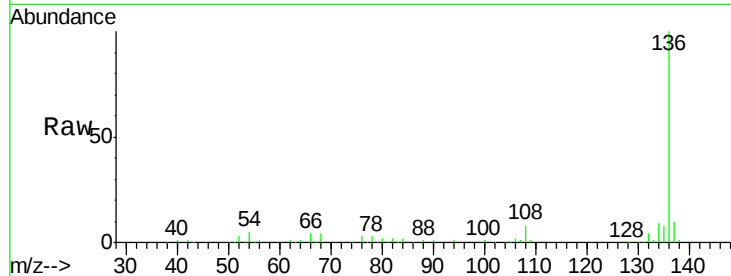
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.75 min Scan# 688
Delta R.T. 0.00 min
Lab File: BF077705.D
Acq: 12 Mar 2015 00:47

Instrument :
BNA_F
ClientSampleId :
PB82075BSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		230617		
137	9.9		8.7	13.1	
54	5.3		4.6	6.8	
68	4.2		3.7	5.5	

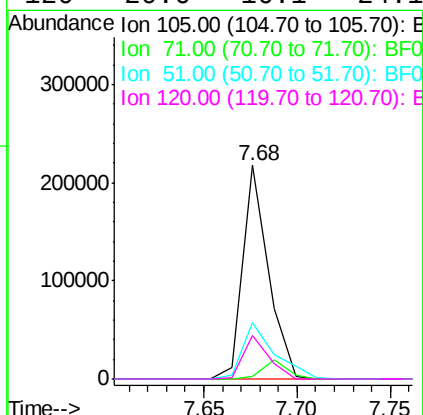
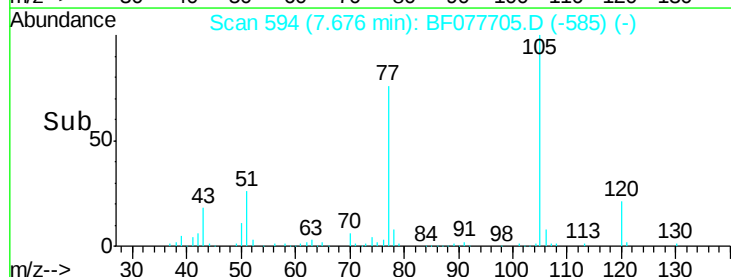
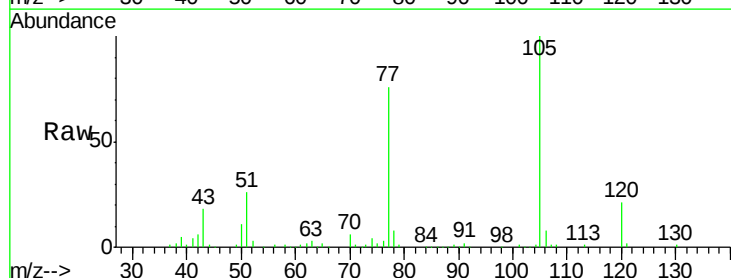
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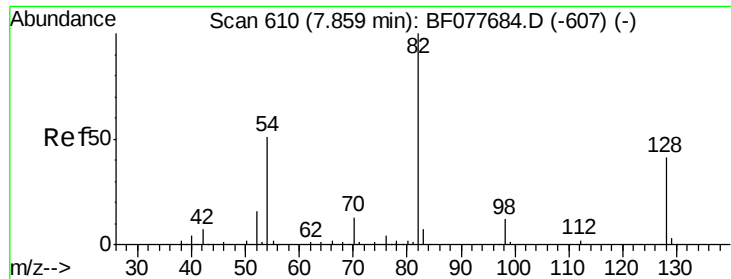
mohammad
3/13/2015 9:40:49 AM



#22
Acetophenone
Concen: 40.85 ng
RT: 7.68 min Scan# 594
Delta R.T. 0.00 min
Lab File: BF077705.D
Acq: 12 Mar 2015 00:47

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		208556		
71	1.2		0.6	1.0#	
51	26.3		21.6	32.4	
120	20.6		16.1	24.1	





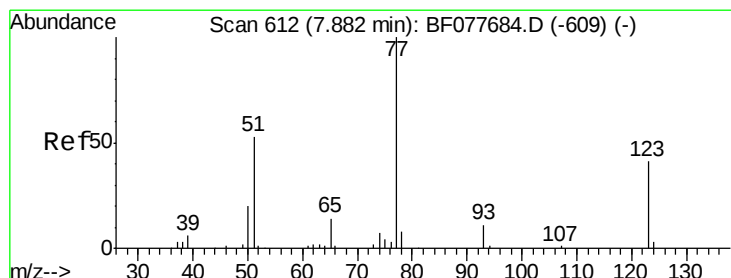
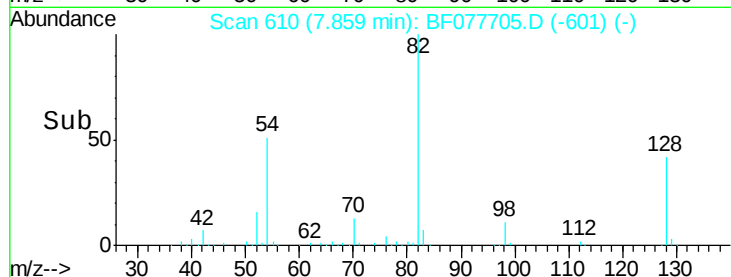
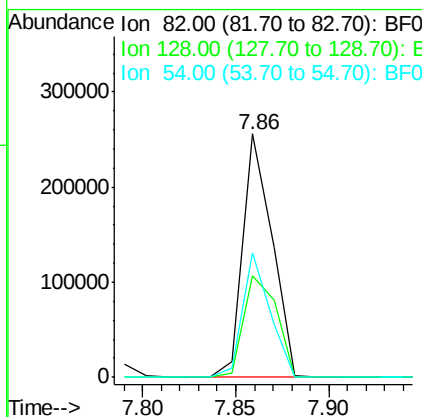
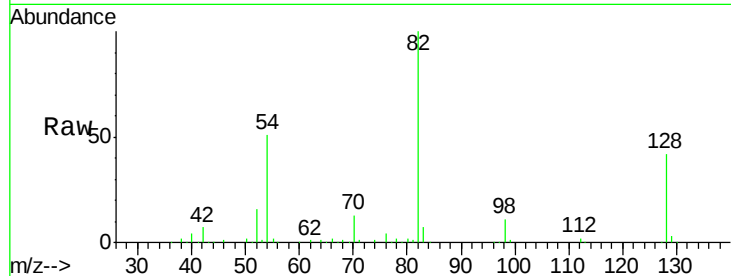
#23
Nitrobenzene-d5
Concen: 79.77 ng
RT: 7.86 min Scan# 610
Delta R.T. 0.00 min
Lab File: BF077705.D
Acq: 12 Mar 2015 00:47

Instrument :
BNA_F
ClientSampleId :
PB82075BSD

Tot Ion	Ratio	Resp	Lower	Upper
82	100	280651		
128	41.6		32.8	49.2
54	50.9		40.6	60.8

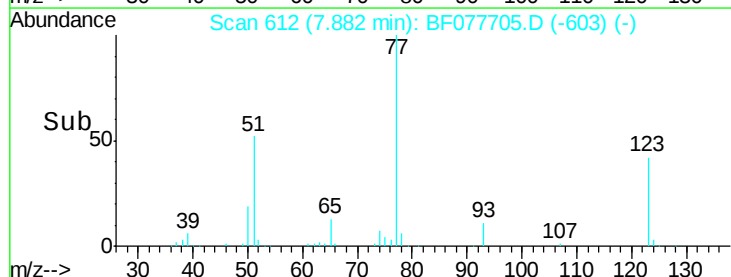
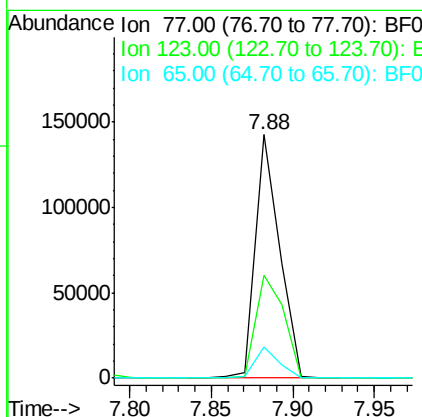
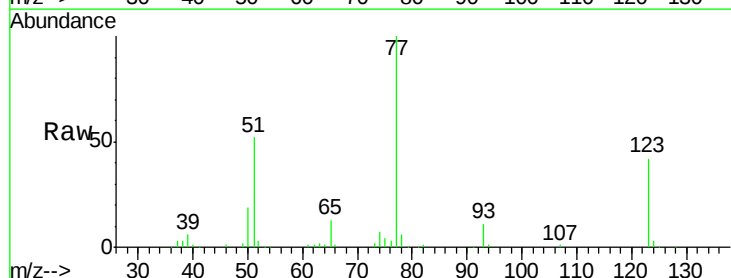
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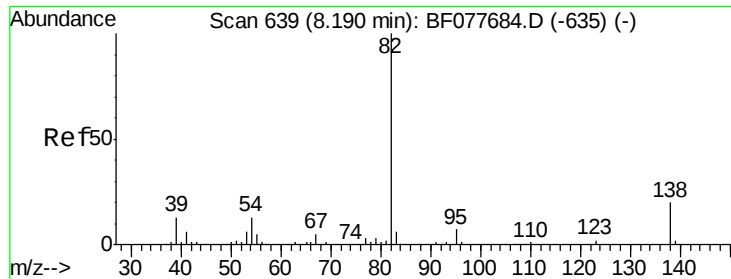
mohammad
3/13/2015 9:40:49 AM



#24
Nitrobenzene
Concen: 38.78 ng
RT: 7.88 min Scan# 612
Delta R.T. 0.00 min
Lab File: BF077705.D
Acq: 12 Mar 2015 00:47

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	146966		
123	42.5		32.6	49.0
65	13.0		10.9	16.3





#25

Isophorone

Concen: 39.31 ng

RT: 8.18 min Scan# 638

Delta R.T. -0.01 min

Lab File: BF077705.D

Acq: 12 Mar 2015 00:47

Instrument :

BNA_F

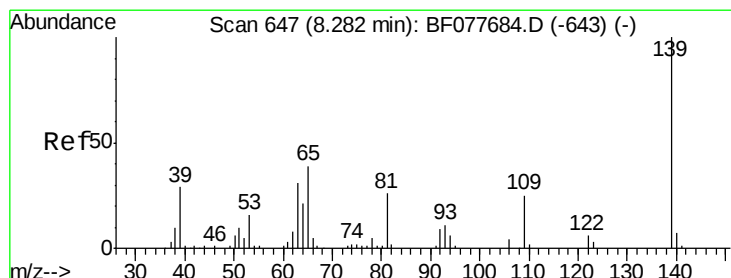
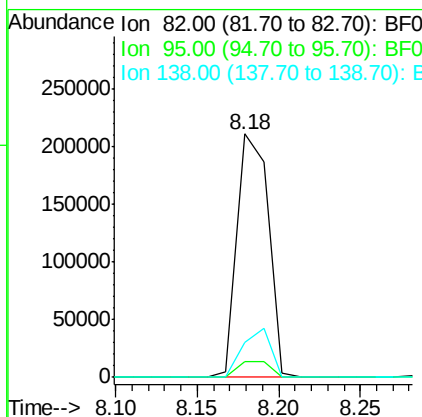
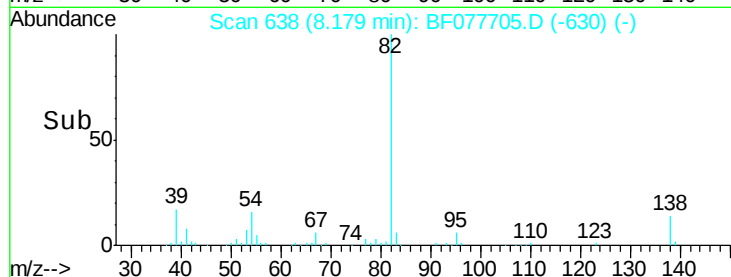
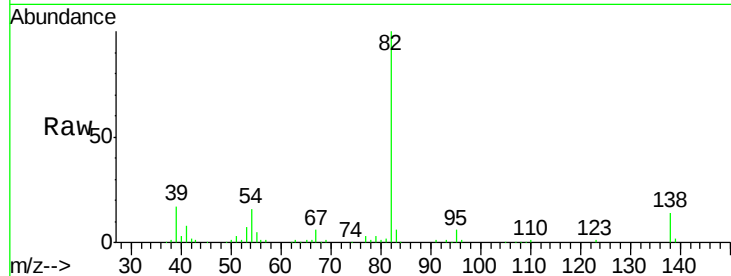
ClientSampleId :

PB82075BSD

Tot Ion:	82	Resp:	279268
Ion Ratio		Lower	Upper
82	100		
95	6.4	5.8	8.6
138	14.5	16.3	24.5#

Manual Integrations
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mohammad
3/13/2015 9:40:49 AM



#26

2-Nitrophenol

Concen: 40.50 ng

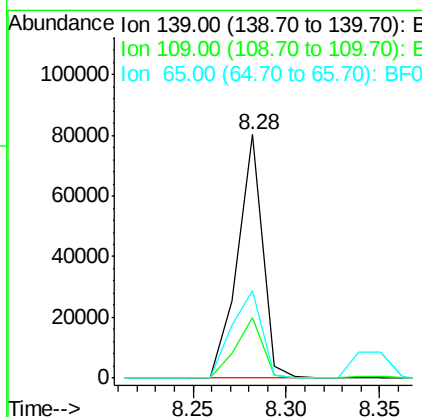
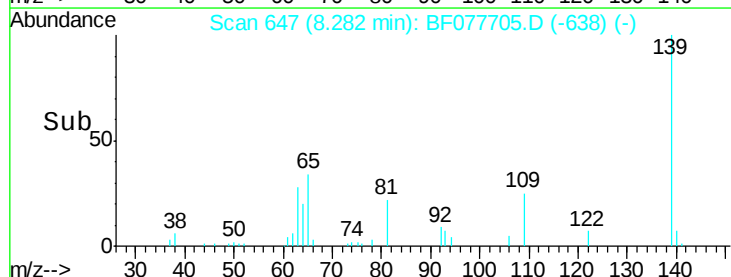
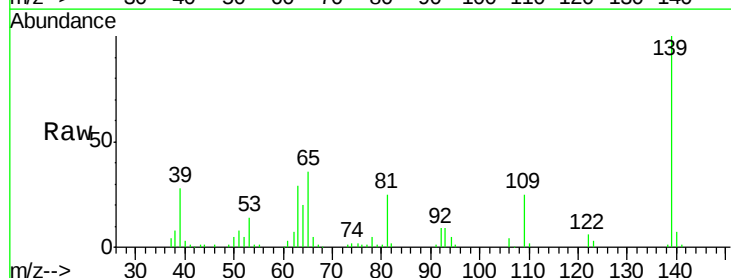
RT: 8.28 min Scan# 647

Delta R.T. 0.00 min

Lab File: BF077705.D

Acq: 12 Mar 2015 00:47

Tgt Ion:	139	Resp:	75154
Ion Ratio		Lower	Upper
139	100		
109	24.7	20.1	30.1
65	36.0	31.5	47.3





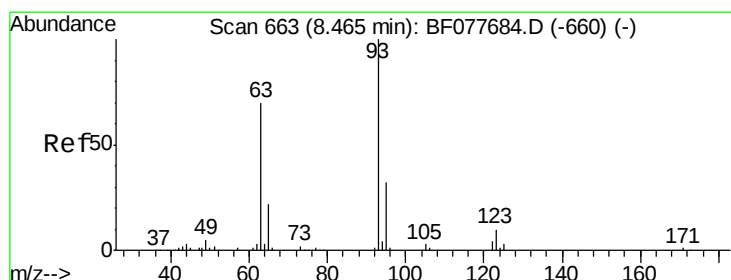
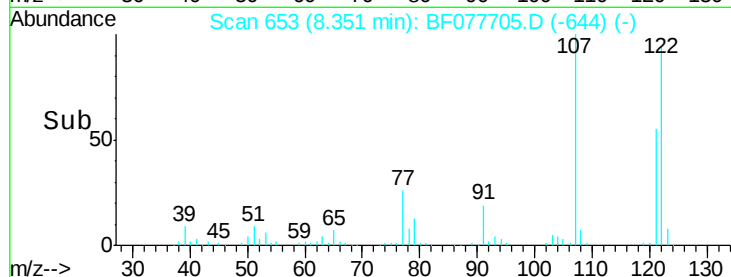
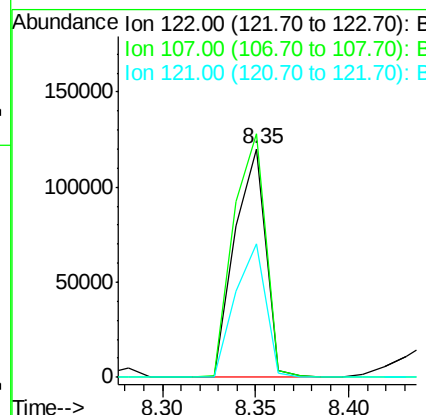
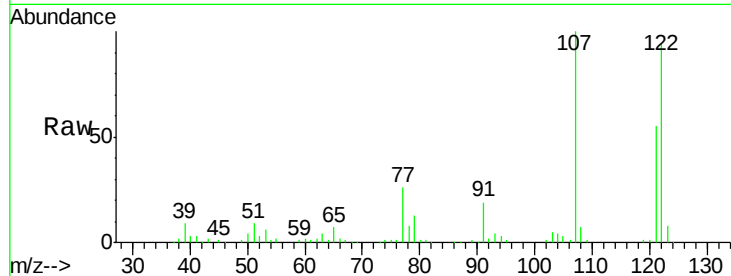
#27
 2,4-Dimethylphenol
 Concen: 41.70 ng
 RT: 8.35 min Scan# 653
 Delta R.T. 0.00 min
 Lab File: BF077705.D
 Acq: 12 Mar 2015 00:47

Instrument :
 BNA_F
 ClientSampleId :
 PB82075BSD

Tot Ion	Ratio	Lower	Upper
122	100		
107	106.6	84.7	127.1
121	58.3	46.6	69.8

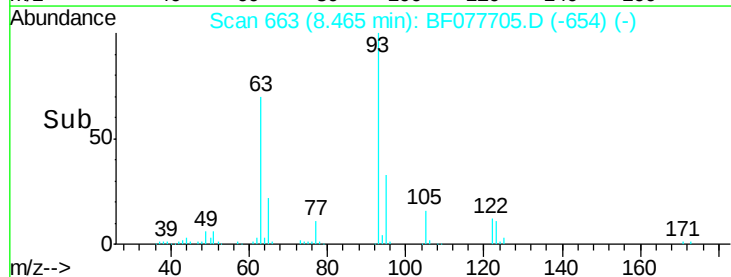
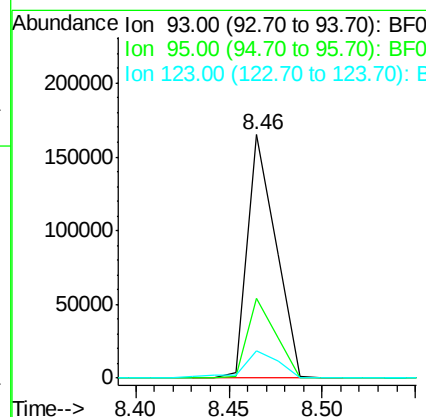
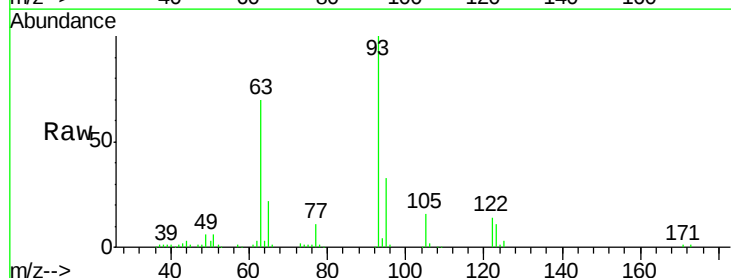
Manual Integrations
 APPROVED

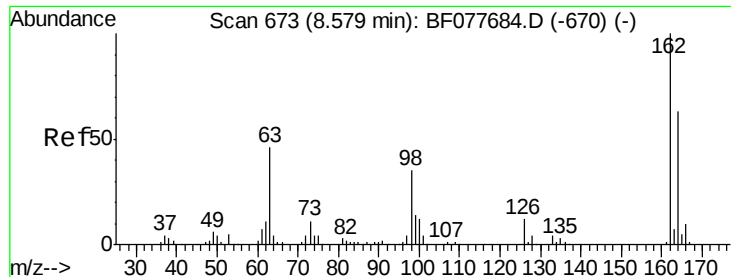
mohammad
 3/13/2015 9:40:49 AM



#28
 bis(2-Chloroethoxy)methane
 Concen: 40.33 ng
 RT: 8.46 min Scan# 663
 Delta R.T. 0.00 min
 Lab File: BF077705.D
 Acq: 12 Mar 2015 00:47

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.5	25.5	38.3
123	11.1	8.6	13.0





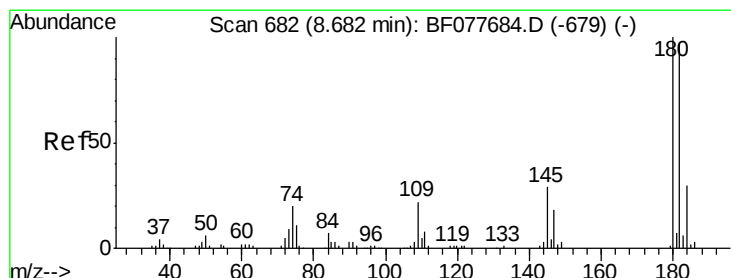
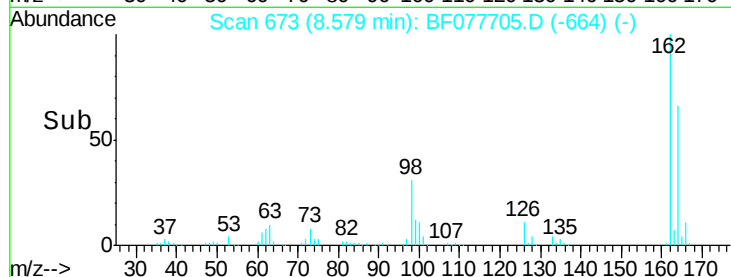
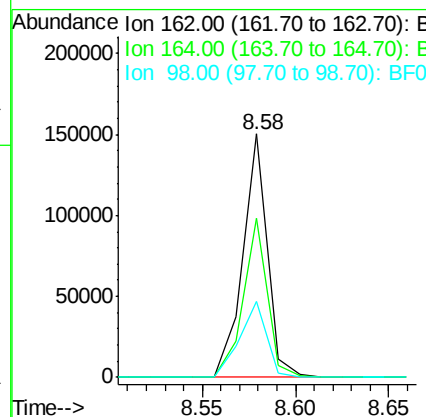
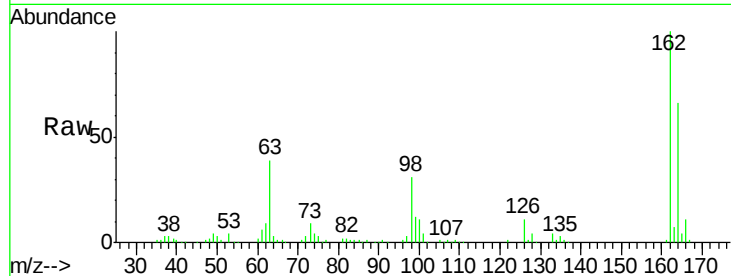
#29
 2,4-Dichlorophenol
 Concen: 42.87 ng
 RT: 8.58 min Scan# 673
 Delta R.T. 0.00 min
 Lab File: BF077705.D
 Acq: 12 Mar 2015 00:47

Instrument :
 BNA_F
 ClientSampleId :
 PB82075BSD

Tot Ion	Ratio	Resp Lower	Resp Upper
162	100		
164	65.6	42.8	82.8
98	31.4	14.5	54.5

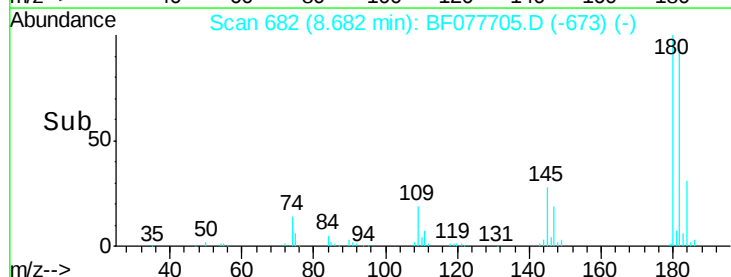
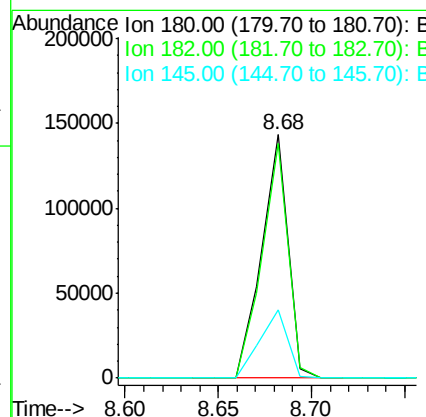
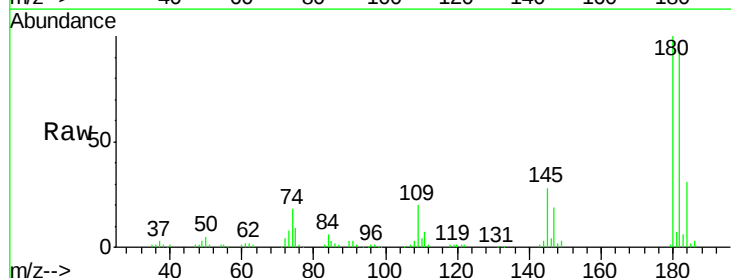
Manual Integrations
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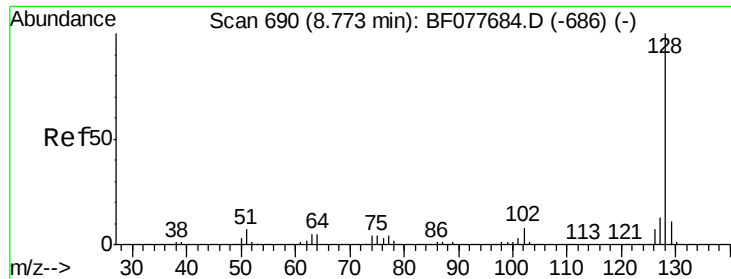
mohammad
 3/13/2015 9:40:49 AM



#30
 1,2,4-Trichlorobenzene
 Concen: 38.72 ng
 RT: 8.68 min Scan# 682
 Delta R.T. 0.00 min
 Lab File: BF077705.D
 Acq: 12 Mar 2015 00:47

Tgt Ion	Ratio	Resp Lower	Resp Upper
180	100		
182	96.4	77.6	116.4
145	28.1	23.4	35.2





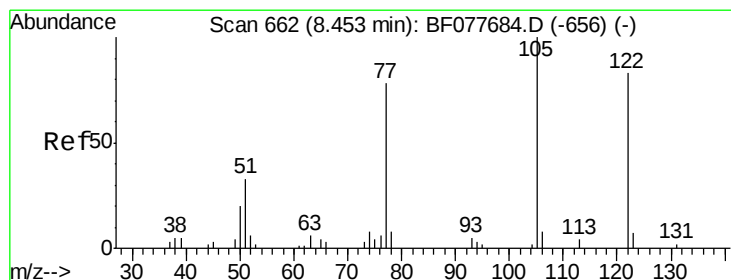
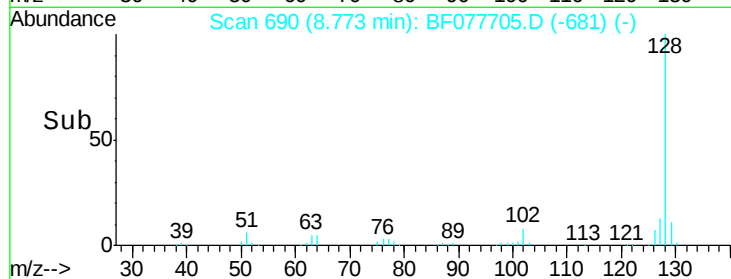
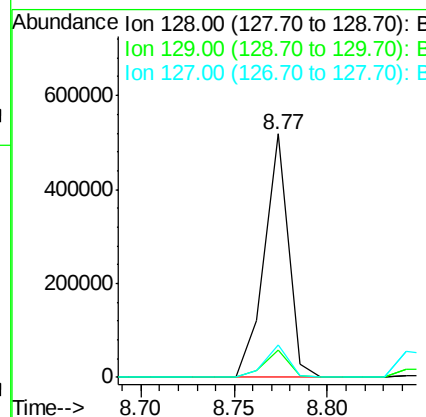
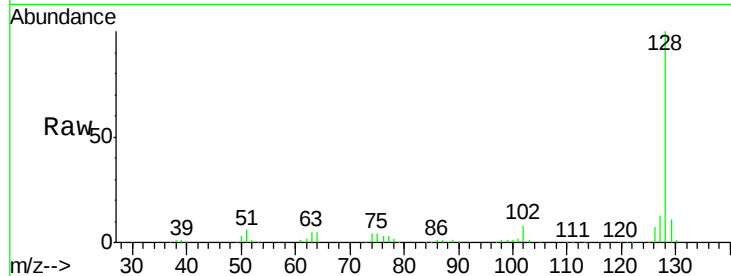
#31
Naphthalene
Concen: 38.71 ng
RT: 8.77 min Scan# 690
Delta R.T. 0.00 min
Lab File: BF077705.D
Acq: 12 Mar 2015 00:47

Instrument :
BNA_F
ClientSampleId :
PB82075BSD

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.3	8.9	13.3
127	13.1	10.4	15.6

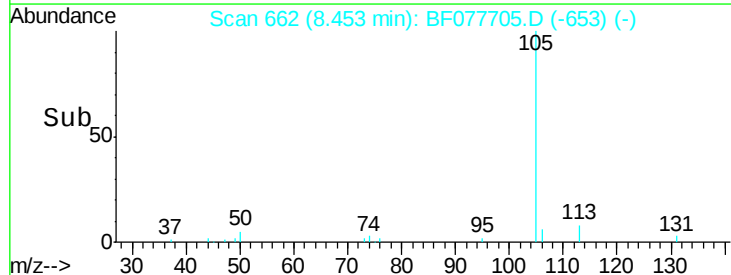
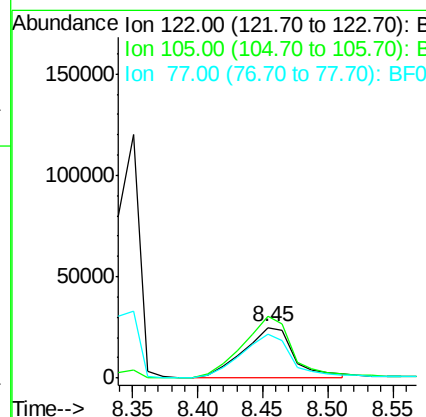
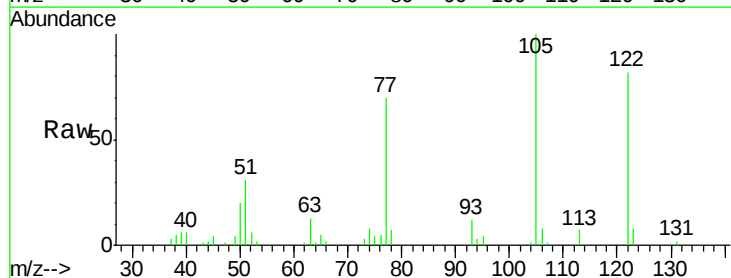
Manual Integrations
APPROVED

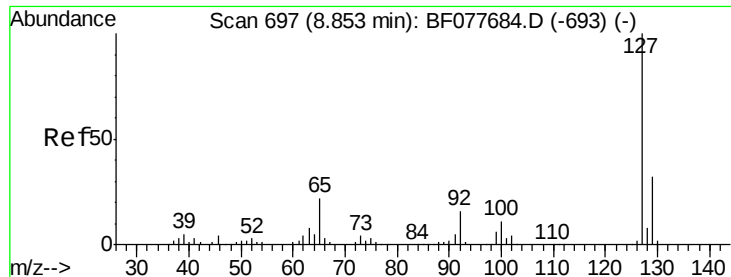
mohammad
3/13/2015 9:40:49 AM



#32
Benzoic acid
Concen: 35.84 ng
RT: 8.45 min Scan# 662
Delta R.T. 0.00 min
Lab File: BF077705.D
Acq: 12 Mar 2015 00:47

Tgt Ion	Ratio	Lower	Upper
122	100		
105	121.9	99.9	139.9
77	85.8	73.7	113.7





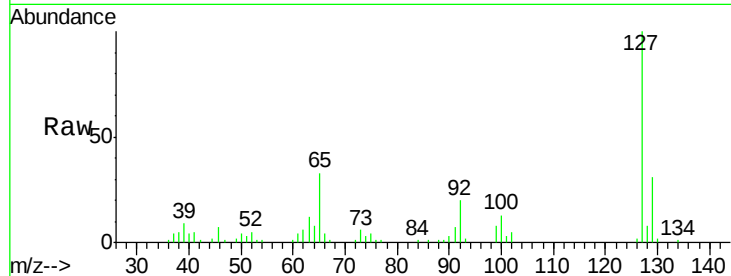
#33
4-Chloroaniline
Concen: 16.54 ng
RT: 8.84 min Scan# 696
Delta R.T. -0.01 min
Lab File: BF077705.D
Acq: 12 Mar 2015 00:47

Instrument :
BNA_F
ClientSampleId :
PB82075BSD

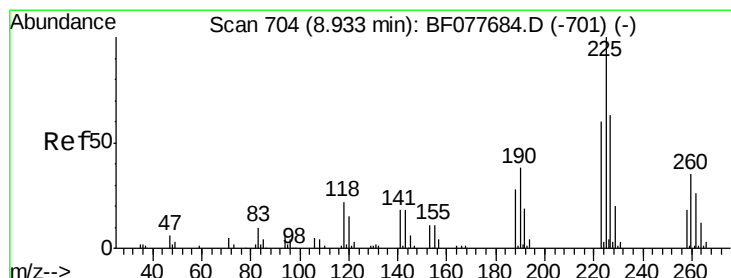
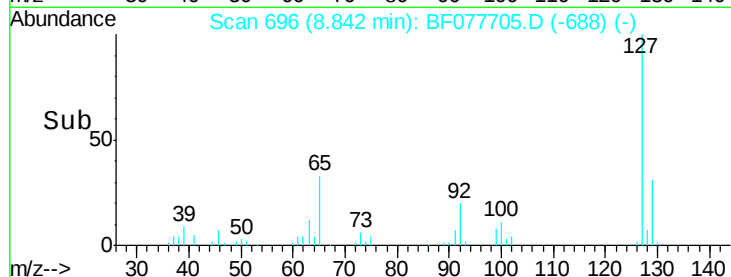
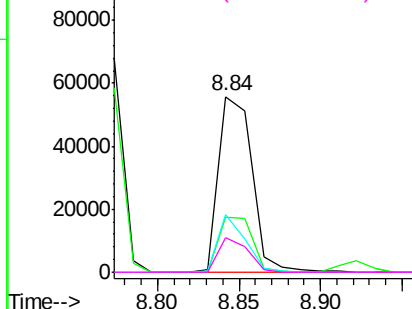
Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	31.1	25.3	37.9		
65	33.0	17.6	26.4		
92	19.7	13.1	19.7		

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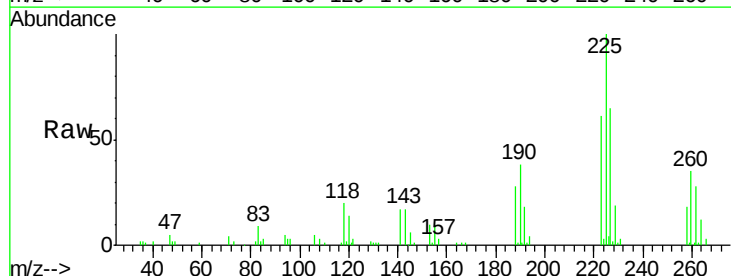


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

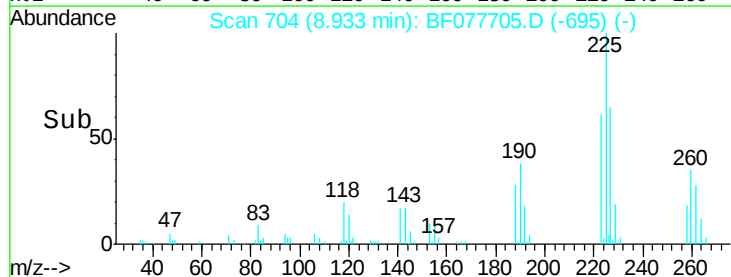
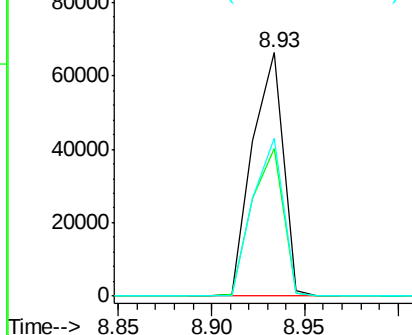


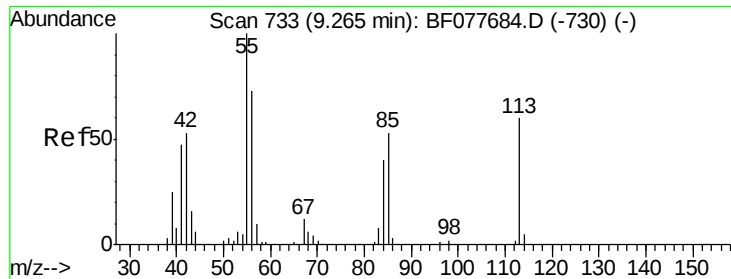
#34
Hexachlorobutadiene
Concen: 37.09 ng
RT: 8.93 min Scan# 704
Delta R.T. 0.00 min
Lab File: BF077705.D
Acq: 12 Mar 2015 00:47

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	60.7	47.9	71.9		
227	65.0	50.1	75.1		



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





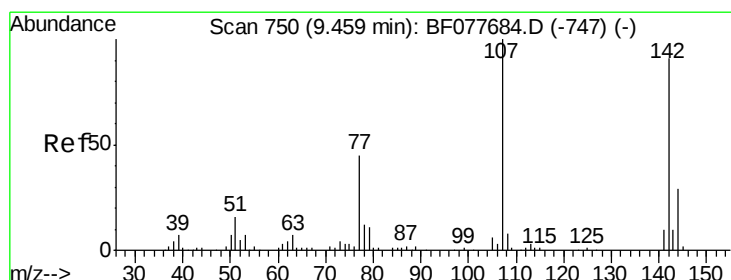
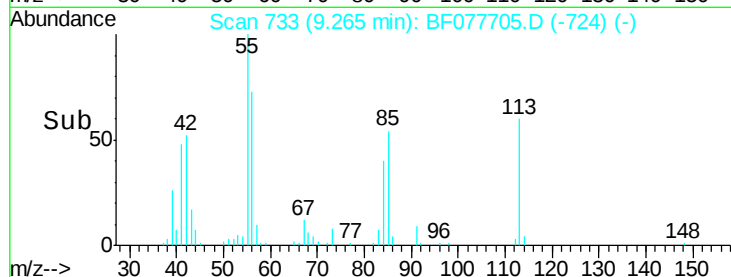
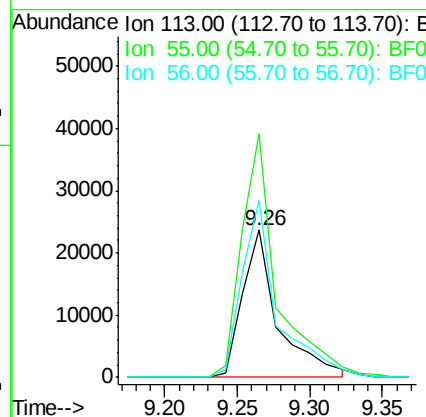
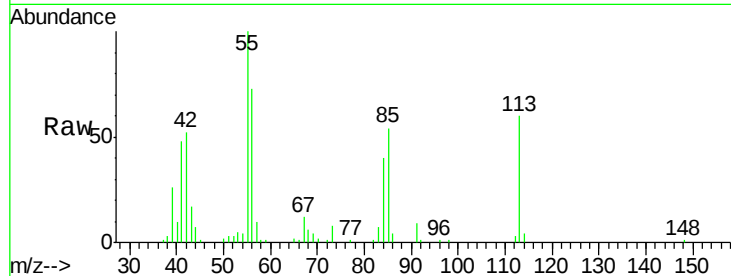
#35
Caprolactam
Concen: 42.47 ng
RT: 9.26 min Scan# 733
Delta R.T. 0.00 min
Lab File: BF077705.D
Acq: 12 Mar 2015 00:47

Instrument :
BNA_F
ClientSampleId :
PB82075BSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
113	100				
55	165.5		145.9	185.9	
56	120.2		101.0	141.0	

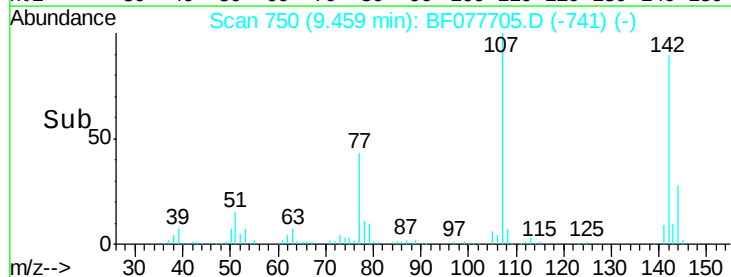
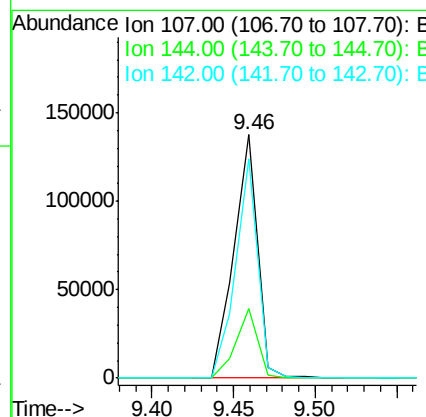
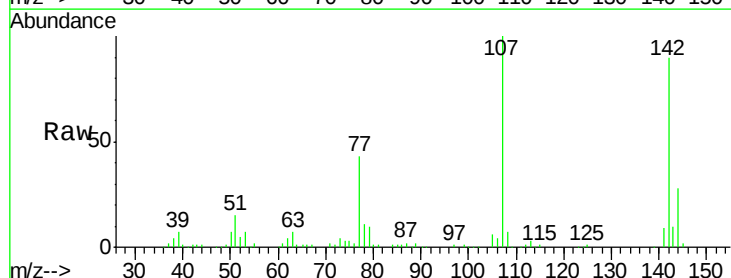
Manual Integrations
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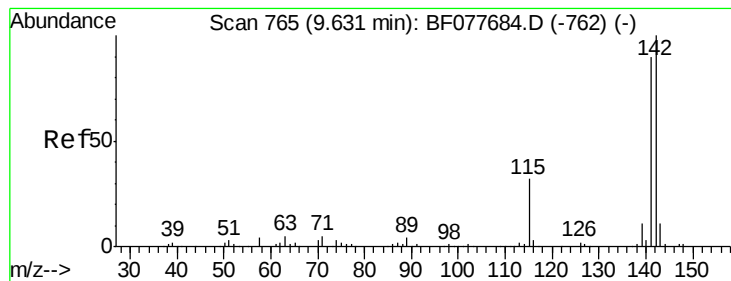
mohammad
3/13/2015 9:40:49 AM



#36
4-Chloro-3-methylphenol
Concen: 42.27 ng
RT: 9.46 min Scan# 750
Delta R.T. 0.00 min
Lab File: BF077705.D
Acq: 12 Mar 2015 00:47

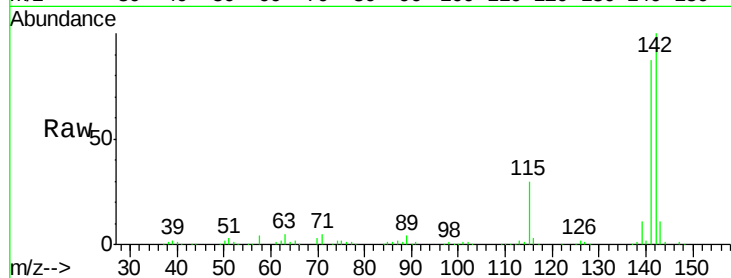
Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100				
144	28.4		23.3	34.9	
142	90.3		72.6	109.0	





#37
2-Methylnaphthalene
Concen: 41.23 ng
RT: 9.63 min Scan# 765
Delta R.T. 0.00 min
Lab File: BF077705.D
Acq: 12 Mar 2015 00:47

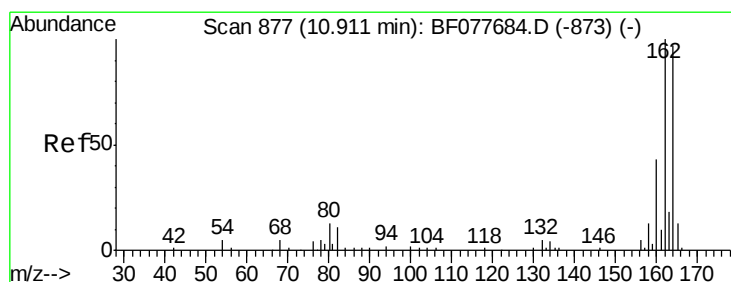
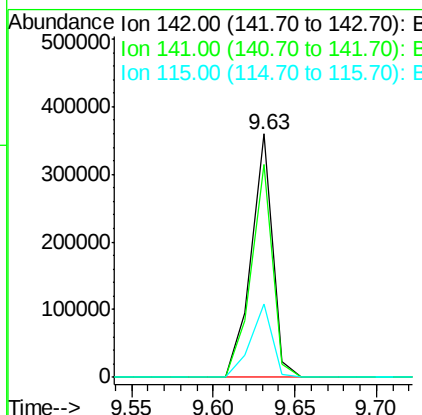
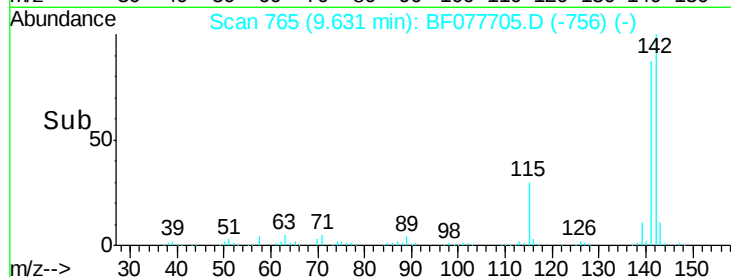
Instrument :
BNA_F
ClientSampleId :
PB82075BSD



Tot Ion	Ratio	Lower	Upper
142	100		
141	87.3	71.9	107.9
115	30.2	25.4	38.0

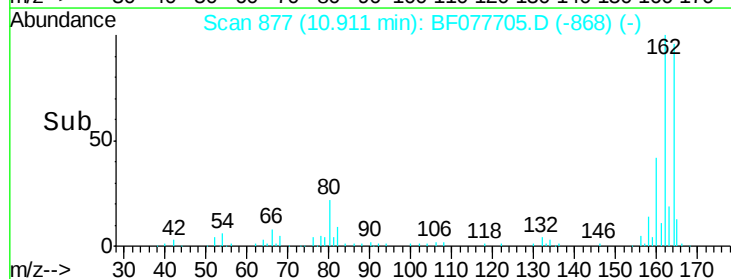
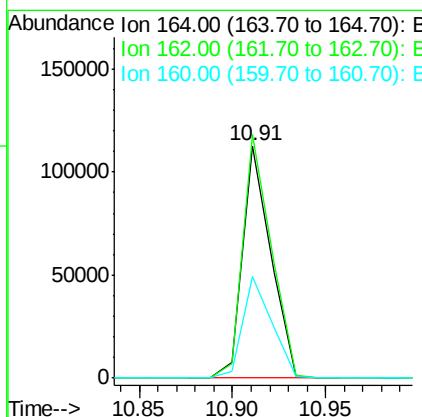
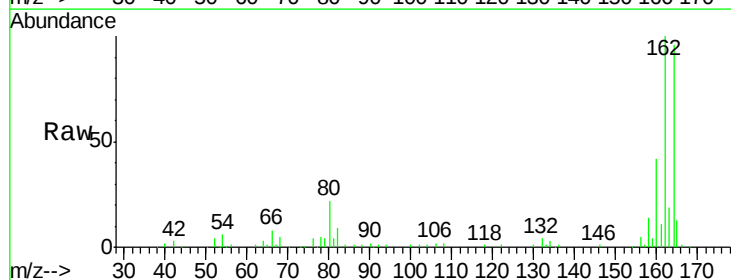
Manual Integrations
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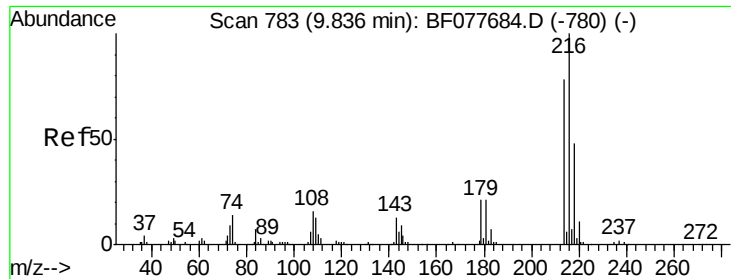
mohammad
3/13/2015 9:40:49 AM



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.91 min Scan# 877
Delta R.T. 0.00 min
Lab File: BF077705.D
Acq: 12 Mar 2015 00:47

Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.7	82.4	123.6
160	43.9	35.8	53.6





#39

1,2,4,5-Tetrachlorobenzene

Concen: 39.71 ng

RT: 9.84 min Scan# 783

Delta R.T. 0.00 min

Lab File: BF077705.D

Acq: 12 Mar 2015 00:47

Instrument :

BNA_F

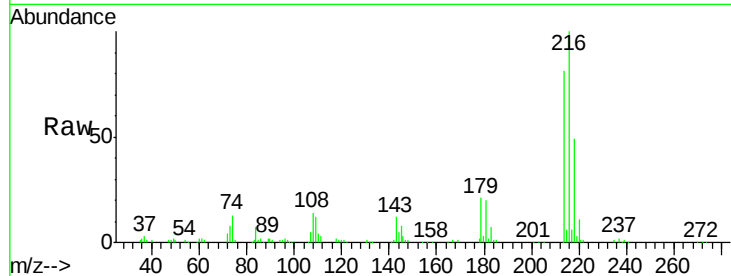
ClientSampleId :

PB82075BSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
216	100				
214	79.7		0.0	0.0	#
179	21.6		0.0	0.0	#
108	20.4		0.0	0.0	#

Manual Integrations
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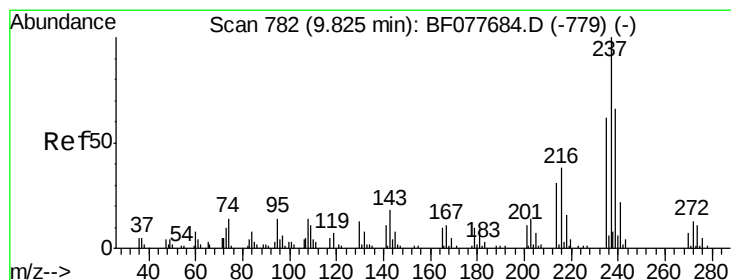
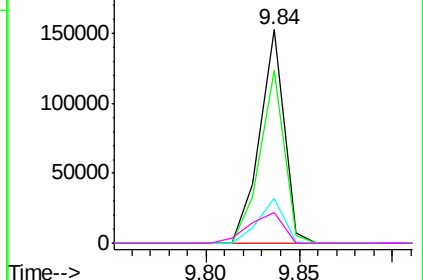
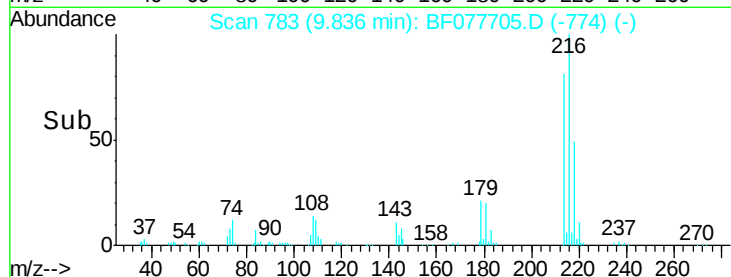


Abundance Ion 216.00 (215.70 to 216.70): E

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: 80.24 ng

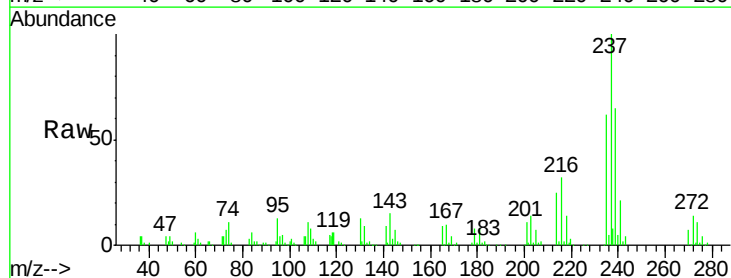
RT: 9.82 min Scan# 782

Delta R.T. 0.00 min

Lab File: BF077705.D

Acq: 12 Mar 2015 00:47

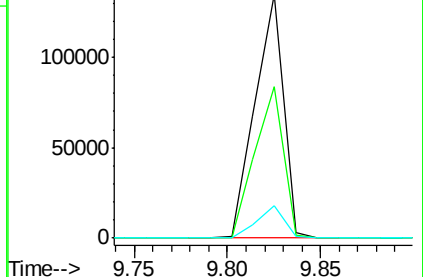
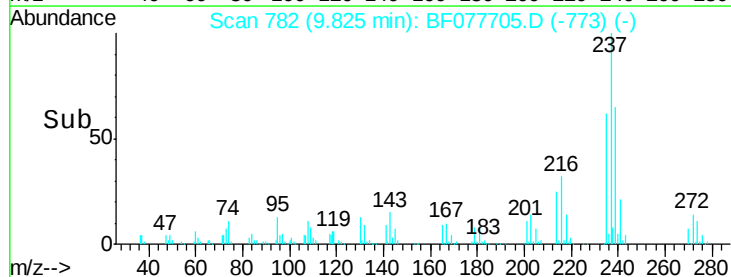
Tgt Ion	Ion	Ratio	Resp	Lower	Upper
237	100				
235	62.2		42.0	82.0	
272	13.6		0.0	33.4	

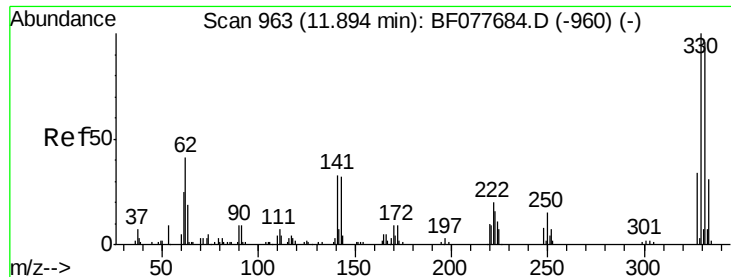


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E





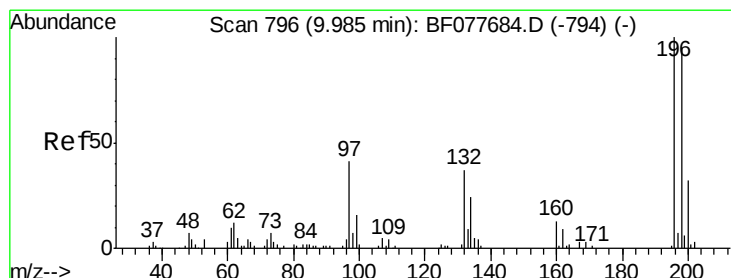
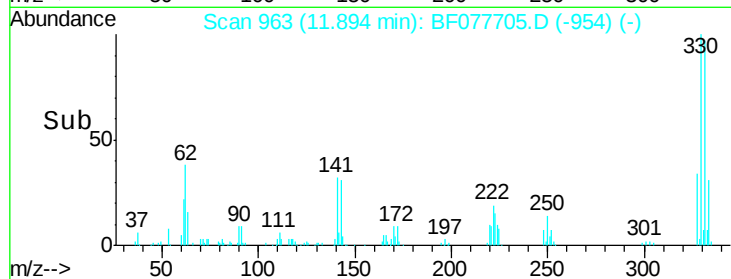
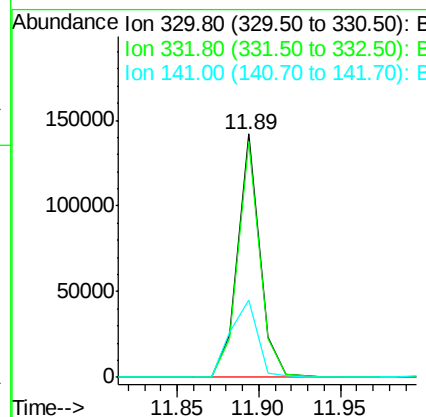
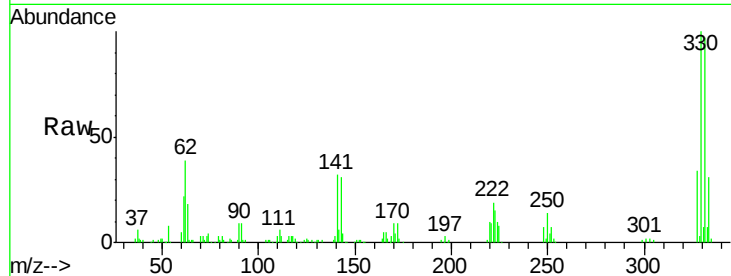
#41
 2,4,6-Tribromophenol
 Concen: 118.15 ng
 RT: 11.89 min Scan# 963
 Delta R.T. 0.00 min
 Lab File: BF077705.D
 Acq: 12 Mar 2015 00:47

Instrument :
 BNA_F
 ClientSampleId :
 PB82075BSD

Tot Ion	Ratio	Resp Lower	Upper
330	100		
332	96.5	0.0	0.0#
141	39.0	0.0	0.0#

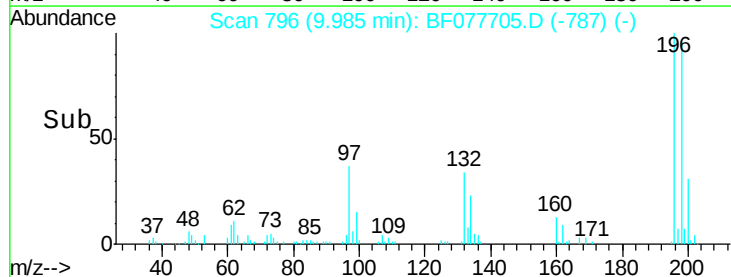
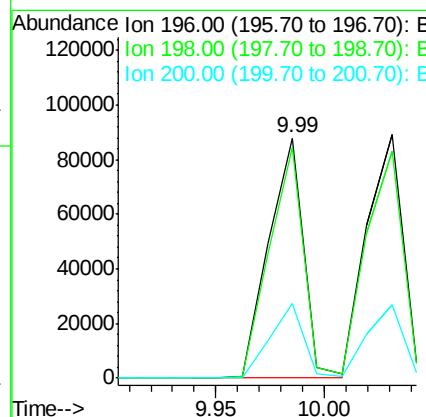
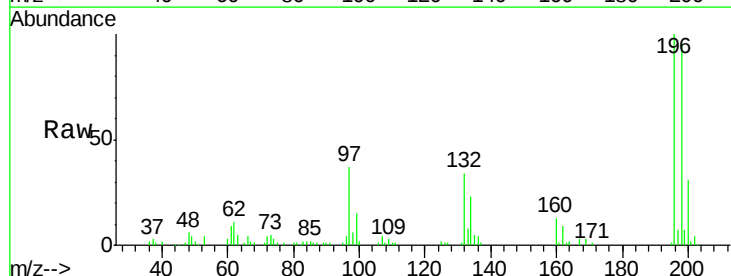
Manual Integrations
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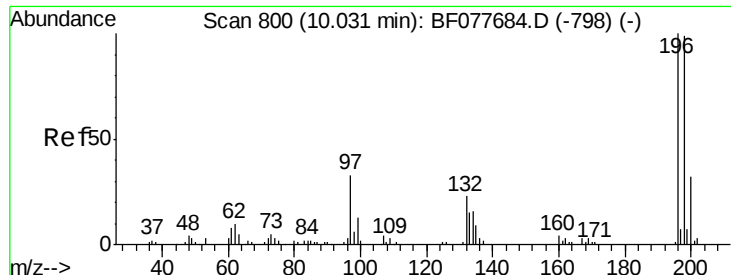
mohammad
 3/13/2015 9:40:49 AM



#42
 2,4,6-Trichlorophenol
 Concen: 40.39 ng
 RT: 9.99 min Scan# 796
 Delta R.T. 0.00 min
 Lab File: BF077705.D
 Acq: 12 Mar 2015 00:47

Tgt Ion	Ratio	Resp Lower	Upper
196	100		
198	95.8	76.3	114.5
200	31.3	25.6	38.4





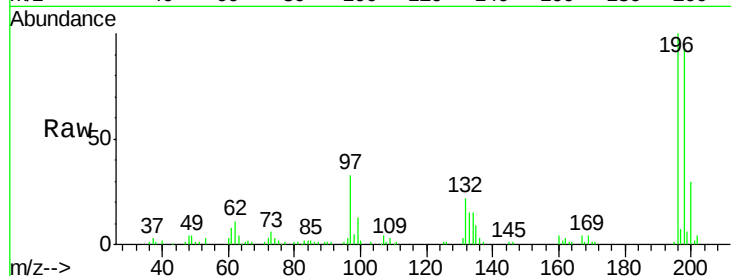
#43
 2,4,5-Trichlorophenol
 Concen: 39.54 ng
 RT: 10.03 min Scan# 800
 Delta R.T. 0.00 min
 Lab File: BF077705.D
 Acq: 12 Mar 2015 00:47

Instrument :
 BNA_F
 ClientSampleId :
 PB82075BSD

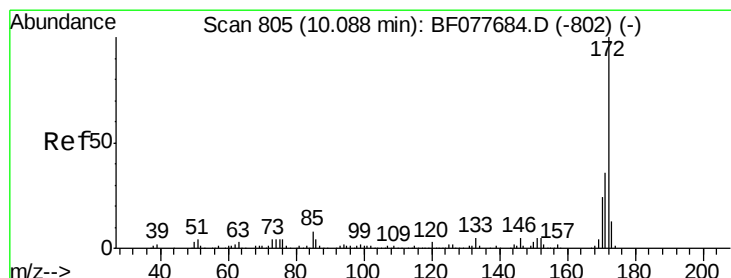
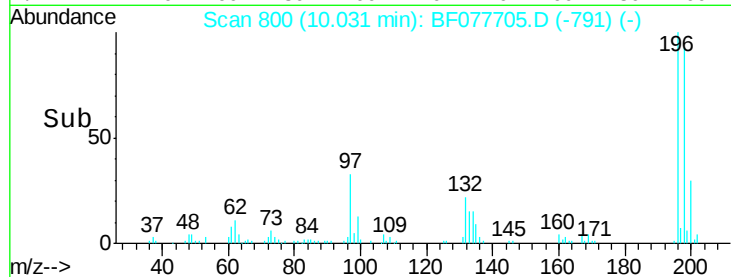
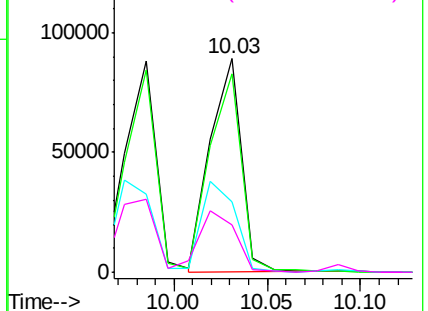
Tot Ion	Ion	Ratio	Resp	Lower	Upper
196	100		104004		
198	93.2	79.4	119.0		
97	33.1	26.8	40.2		
132	21.9	18.6	28.0		

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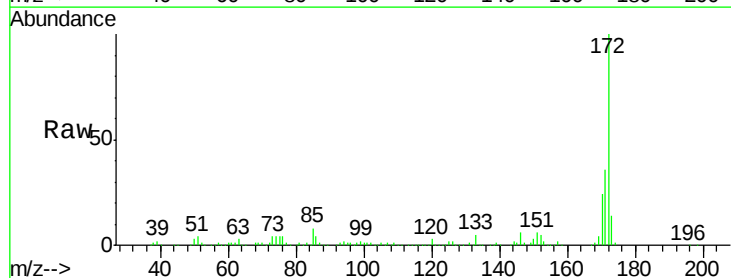


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

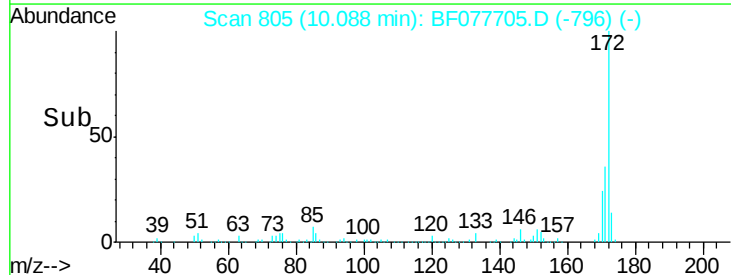
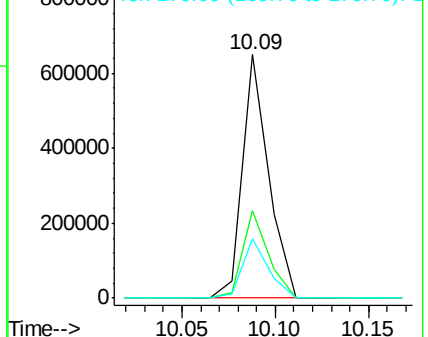


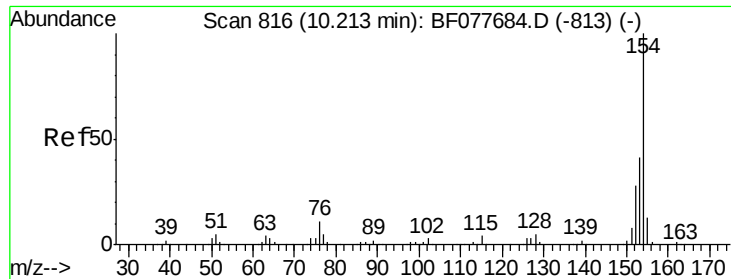
#44
 2-Fluorobiphenyl
 Concen: 78.72 ng
 RT: 10.09 min Scan# 805
 Delta R.T. 0.00 min
 Lab File: BF077705.D
 Acq: 12 Mar 2015 00:47

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
172	100		631182		
171	35.8	28.5	42.7		
170	24.1	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





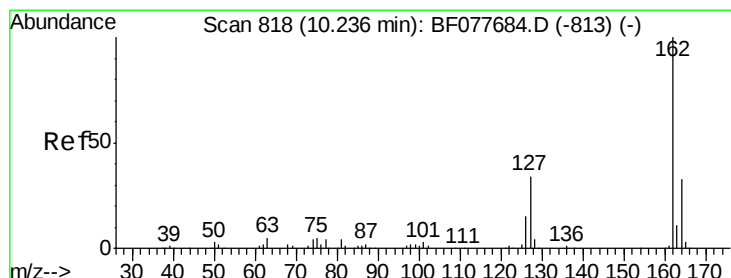
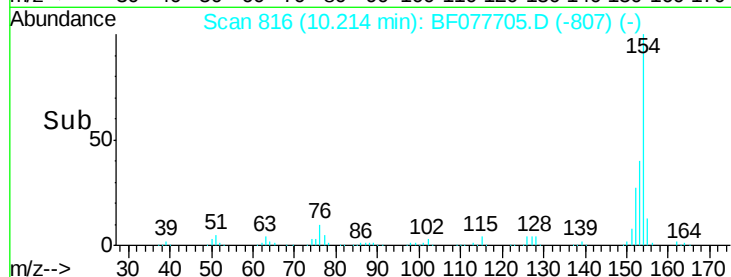
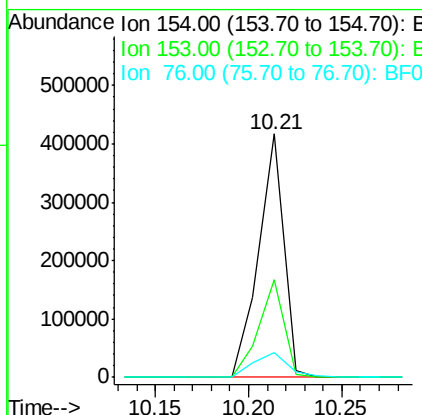
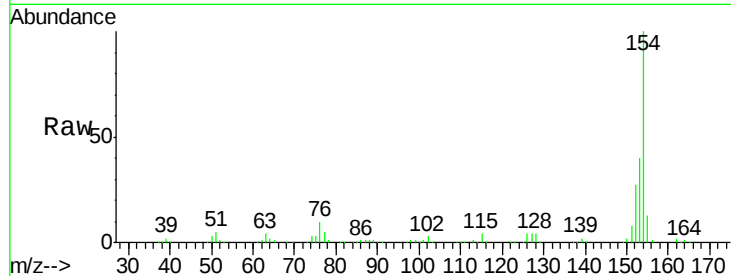
#45
1,1'-Biphenyl
Concen: 41.20 ng
RT: 10.21 min Scan# 816
Delta R.T. 0.00 min
Lab File: BF077705.D
Acq: 12 Mar 2015 00:47

Instrument :
BNA_F
ClientSampleId :
PB82075BSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
154	100		388135		
153	39.9	20.7	60.7		
76	10.3	0.0	30.9		

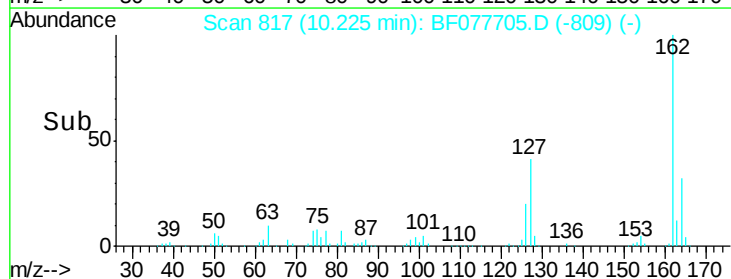
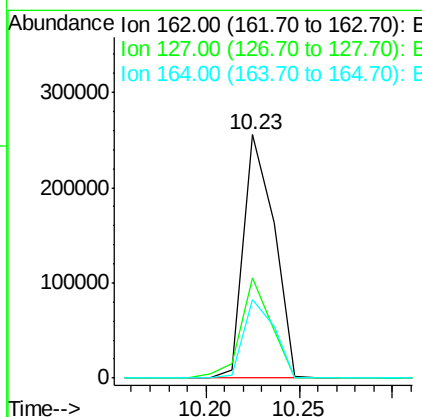
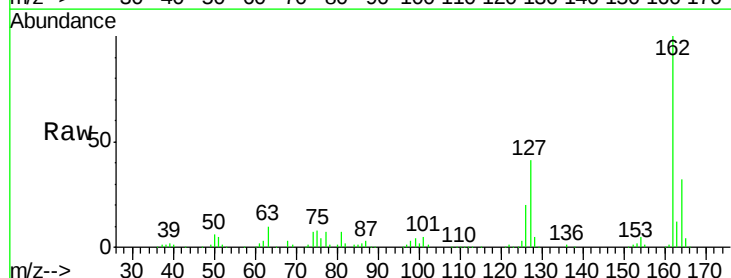
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#46
2-Chloronaphthalene
Concen: 38.42 ng
RT: 10.23 min Scan# 817
Delta R.T. -0.01 min
Lab File: BF077705.D
Acq: 12 Mar 2015 00:47

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
162	100		294112		
127	41.4	26.9	40.3#		
164	32.0	26.8	40.2		





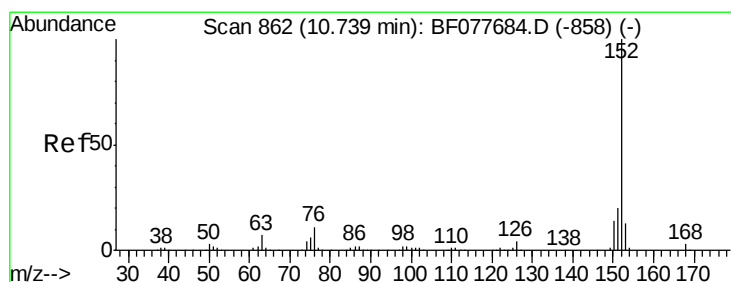
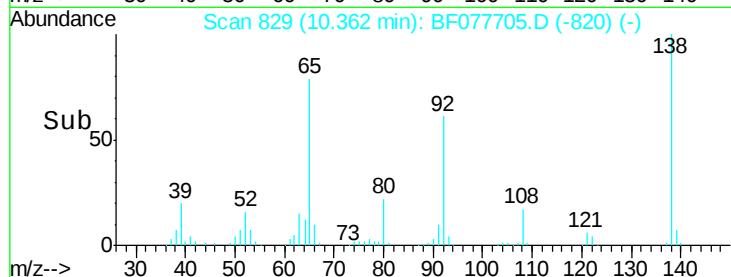
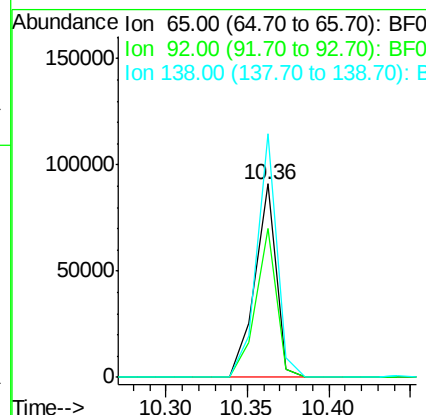
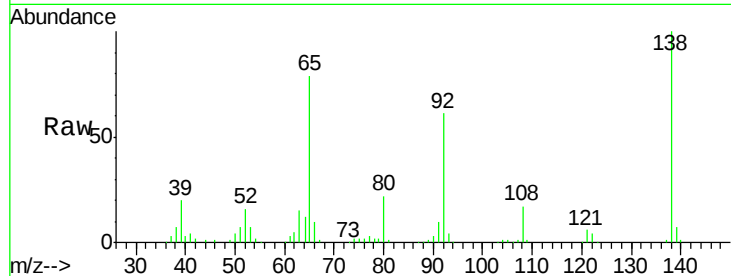
#47
2-Nitroaniline
Concen: 43.74 ng
RT: 10.36 min Scan# 829
Delta R.T. 0.00 min
Lab File: BF077705.D
Acq: 12 Mar 2015 00:47

Instrument :
BNA_F
ClientSampleId :
PB82075BSD

Tot Ion	Ratio	Lower	Upper
65	100		
92	77.3	59.1	88.7
138	125.8	93.9	140.9

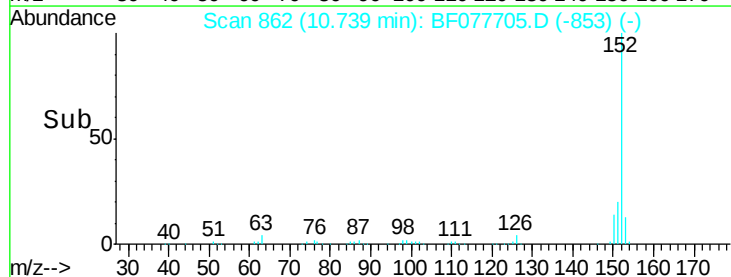
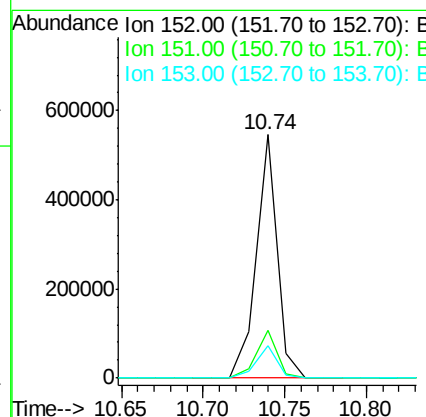
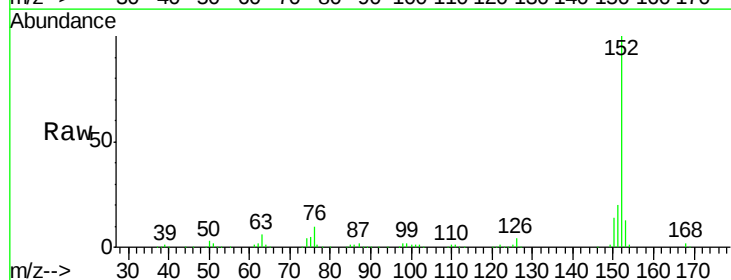
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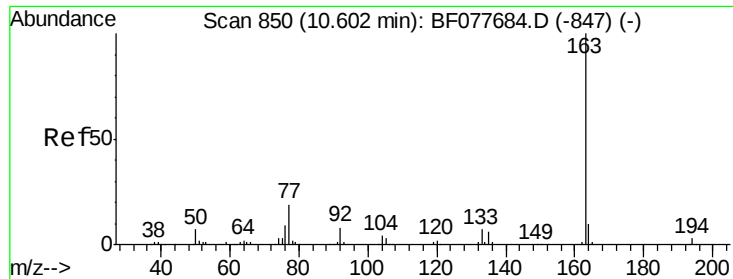
mohammad
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#48
Acenaphthylene
Concen: 38.20 ng
RT: 10.74 min Scan# 862
Delta R.T. 0.00 min
Lab File: BF077705.D
Acq: 12 Mar 2015 00:47

Tgt Ion	Ratio	Lower	Upper
152	100		
151	19.8	15.9	23.9
153	13.1	10.6	16.0





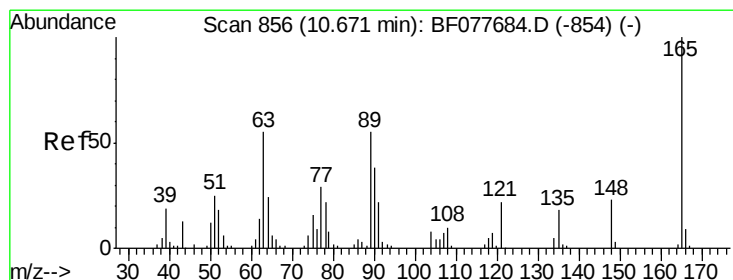
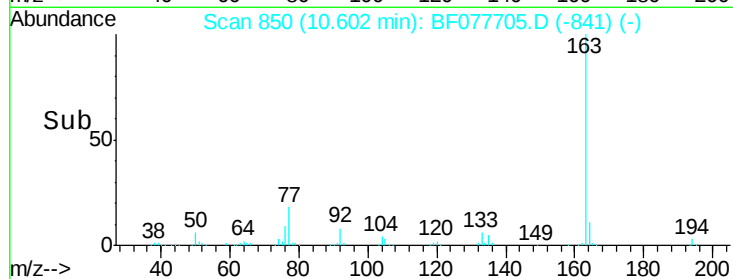
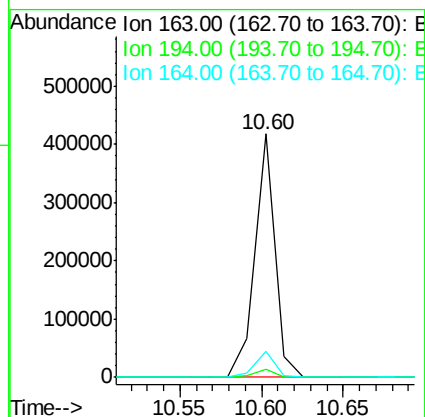
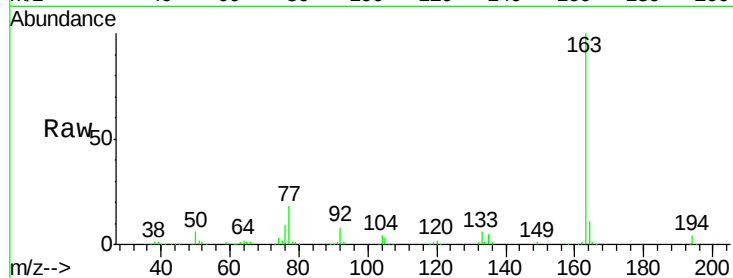
#49
Dimethylphthalate
Concen: 40.84 ng
RT: 10.60 min Scan# 850
Delta R.T. 0.00 min
Lab File: BF077705.D
Acq: 12 Mar 2015 00:47

Instrument :
BNA_F
ClientSampleId :
PB82075BSD

Tot Ion	Ratio	Resp	Lower	Upper
163	100	356928		
194	3.5	2.7	4.1	
164	10.5	8.2	12.2	

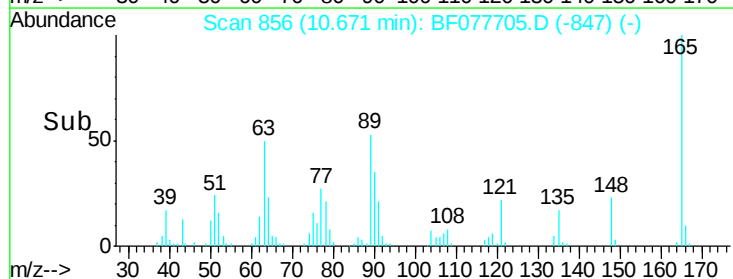
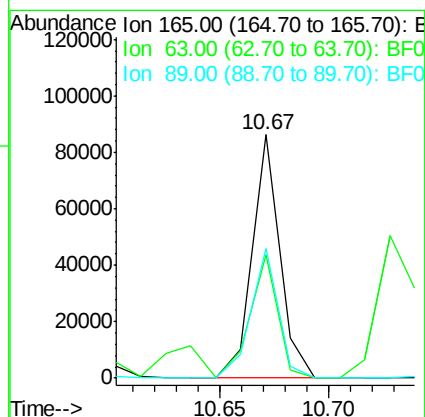
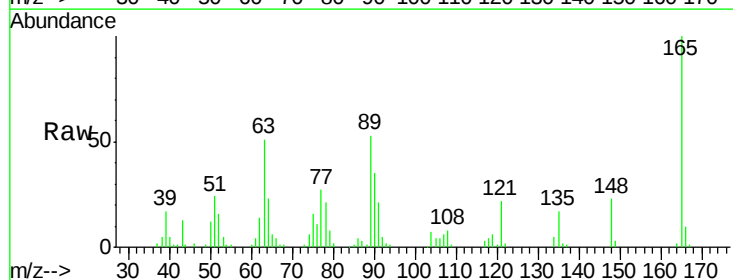
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#50
2,6-Dinitrotoluene
Concen: 41.89 ng
RT: 10.67 min Scan# 856
Delta R.T. 0.00 min
Lab File: BF077705.D
Acq: 12 Mar 2015 00:47

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	75893		
63	50.9	44.1	66.1	
89	53.1	44.3	66.5	





#51

Acenaphthene

Concen: 38.33 ng

RT: 10.96 min Scan# 881

Delta R.T. 0.00 min

Lab File: BF077705.D

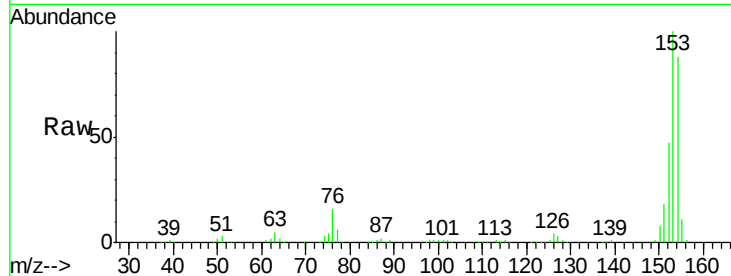
Acq: 12 Mar 2015 00:47

Instrument :

BNA_F

ClientSampleId :

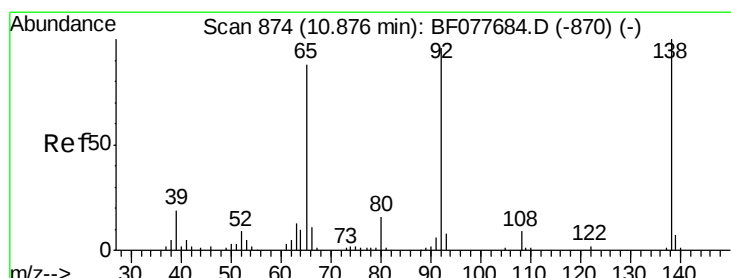
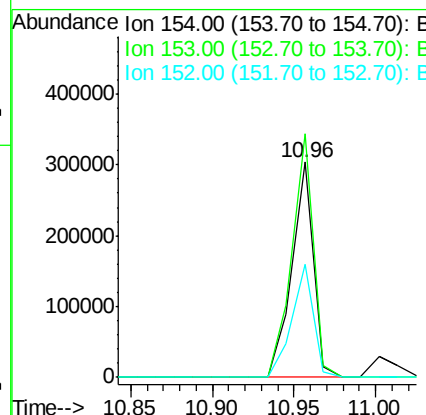
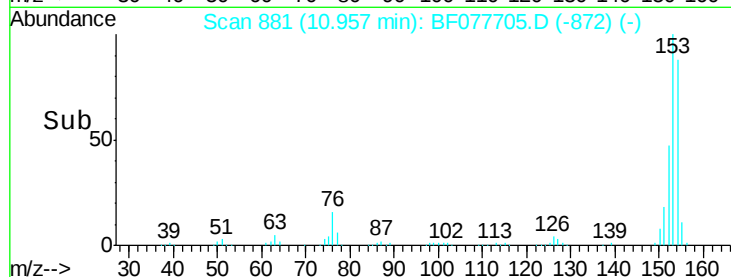
PB82075BSD



Tot Ion:	154	Resp:	279742
Ion Ratio	Lower	Upper	
154	100		
153	113.3	90.0	135.0
152	52.8	42.6	63.8

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#52

3-Nitroaniline

Concen: 22.72 ng

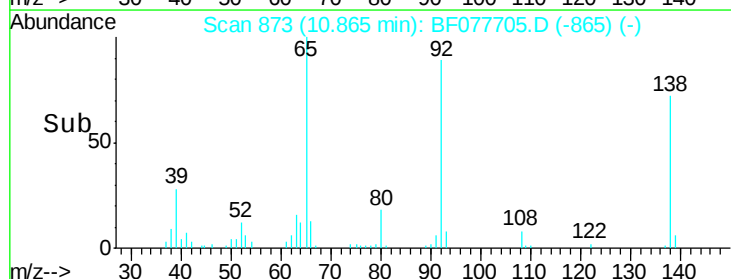
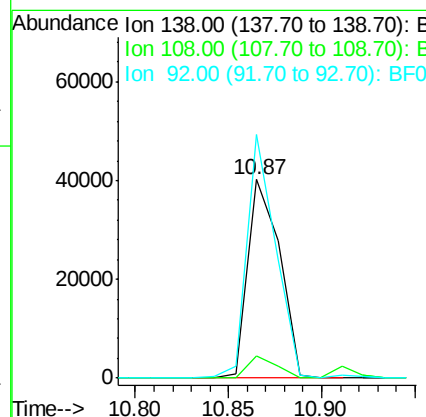
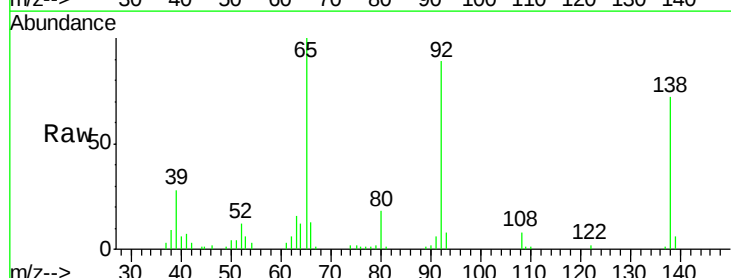
RT: 10.87 min Scan# 873

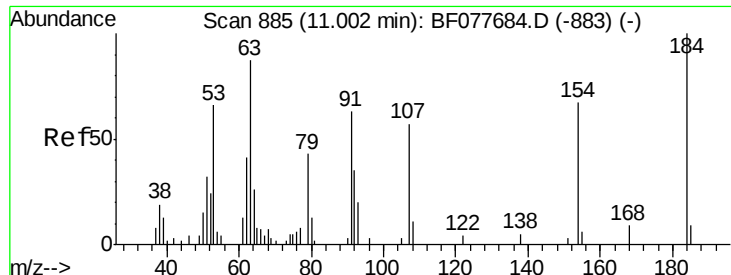
Delta R.T. -0.01 min

Lab File: BF077705.D

Acq: 12 Mar 2015 00:47

Tgt Ion:	138	Resp:	47797
Ion Ratio	Lower	Upper	
138	100		
108	11.0	7.3	10.9#
92	122.5	76.6	114.8#





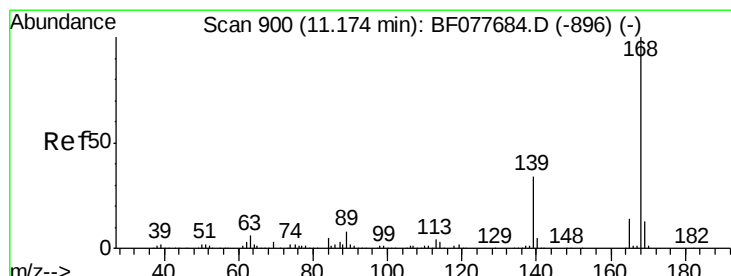
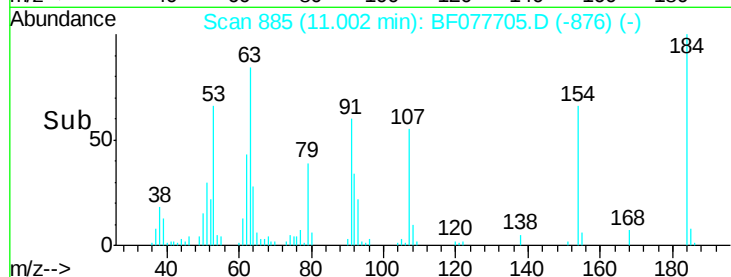
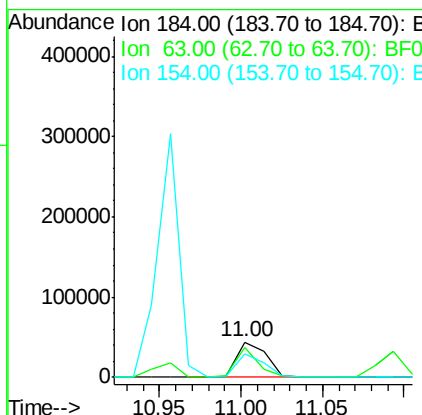
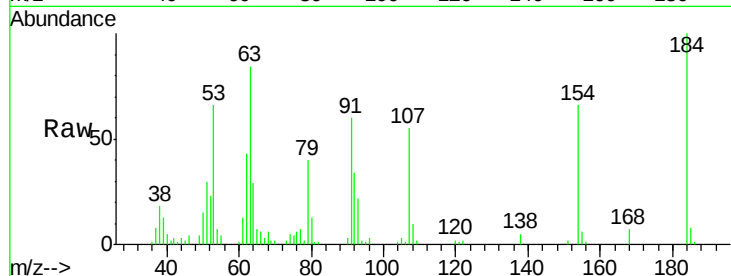
#53
2,4-Dinitrophenol
Concen: 83.86 ng
RT: 11.00 min Scan# 885
Delta R.T. 0.00 min
Lab File: BF077705.D
Acq: 12 Mar 2015 00:47

Instrument :
BNA_F
ClientSampleId :
PB82075BSD

Tot Ion	Ratio	Lower	Upper
184	100		
63	83.7	69.2	103.8
154	65.8	53.3	79.9

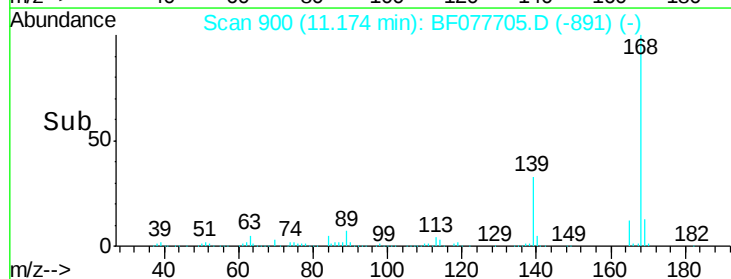
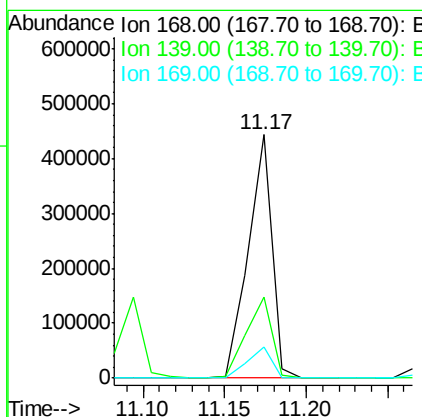
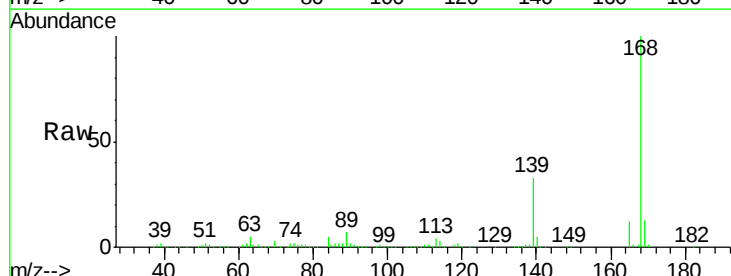
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#54
Dibenzofuran
Concen: 41.14 ng
RT: 11.17 min Scan# 900
Delta R.T. 0.00 min
Lab File: BF077705.D
Acq: 12 Mar 2015 00:47

Tgt Ion	Ratio	Lower	Upper
168	100		
139	33.4	27.3	40.9
169	12.9	10.6	16.0





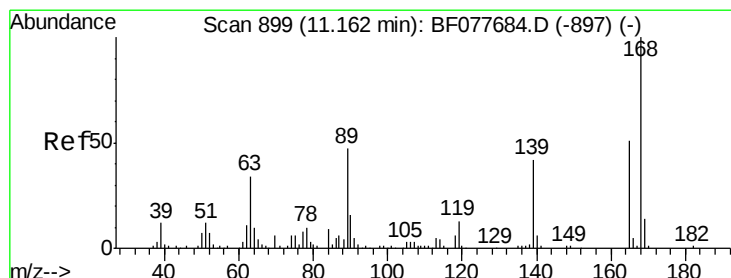
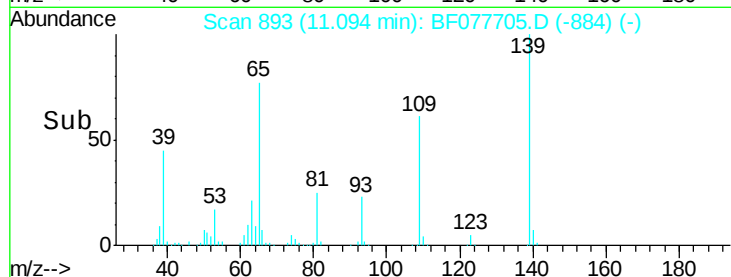
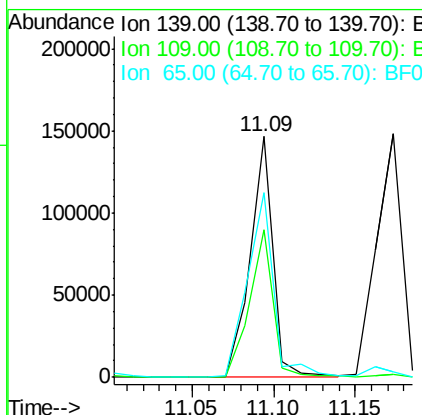
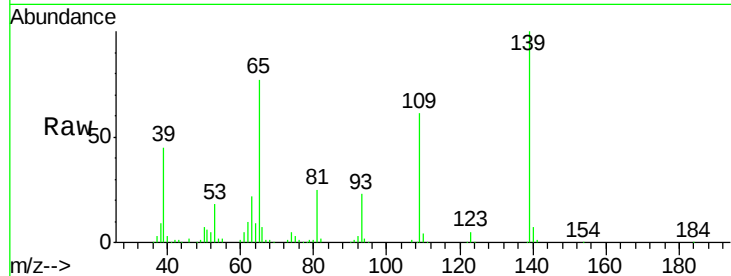
#55
4-Nitrophenol
Concen: 91.11 ng
RT: 11.09 min Scan# 893
Delta R.T. 0.00 min
Lab File: BF077705.D
Acq: 12 Mar 2015 00:47

Instrument :
BNA_F
ClientSampleId :
PB82075BSD

Tot Ion	Ratio	Resp	Lower	Upper
139	100			
109	61.4	37.7	77.7	
65	76.7	49.9	89.9	

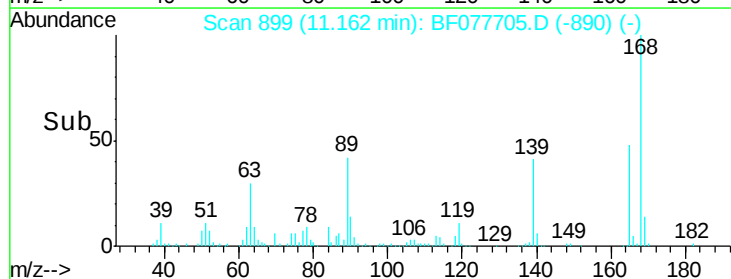
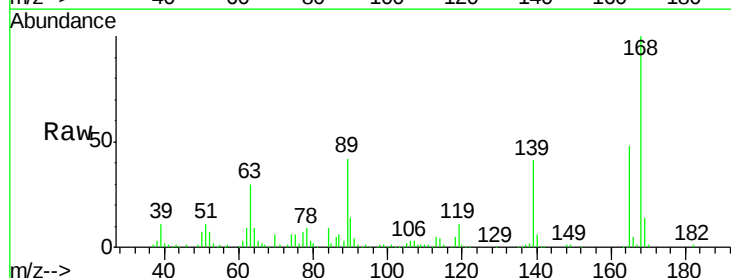
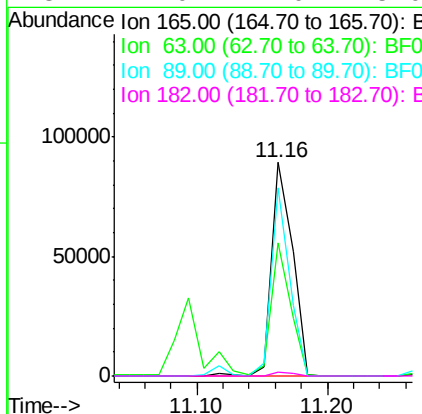
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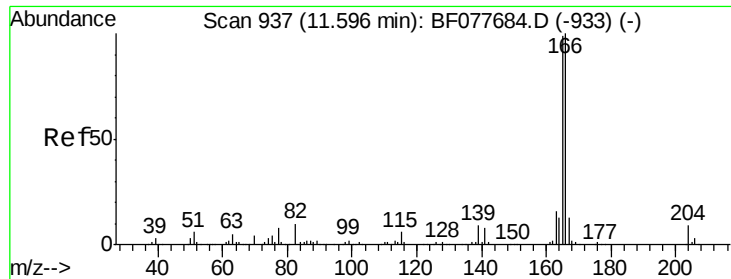
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#56
2,4-Dinitrotoluene
Concen: 42.71 ng
RT: 11.16 min Scan# 899
Delta R.T. 0.00 min
Lab File: BF077705.D
Acq: 12 Mar 2015 00:47

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	62.6	52.4	78.6	
89	88.1	72.4	108.6	
182	2.0	2.0	3.0	#





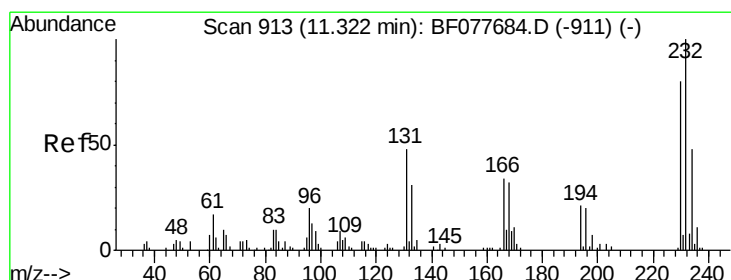
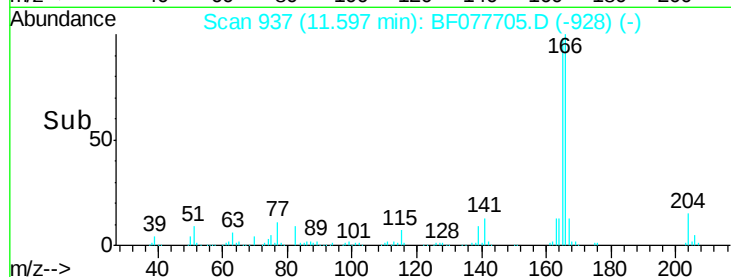
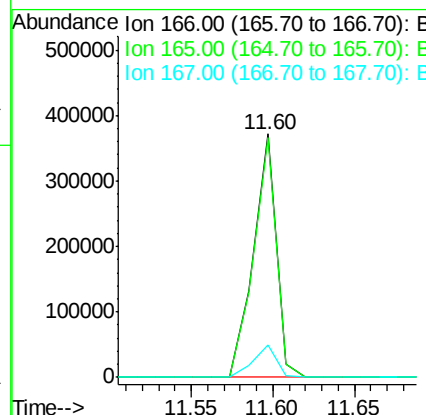
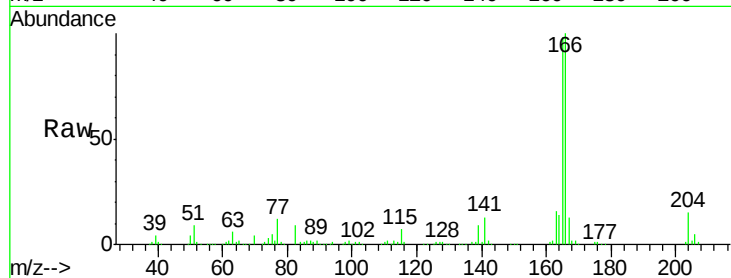
#57
 Fluorene
 Concen: 40.12 ng
 RT: 11.60 min Scan# 937
 Delta R.T. 0.00 min
 Lab File: BF077705.D
 Acq: 12 Mar 2015 00:47

Instrument :
 BNA_F
 ClientSampleId :
 PB82075BSD

Tot Ion	Ratio	Resp	Lower	Upper
166	100			
165	98.5	79.0	118.4	
167	13.4	10.3	15.5	

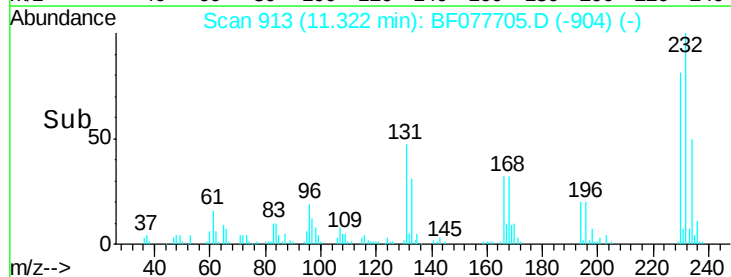
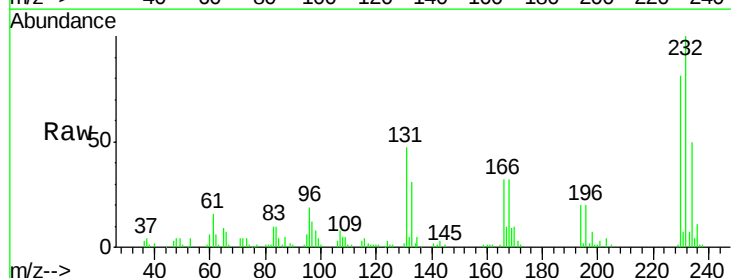
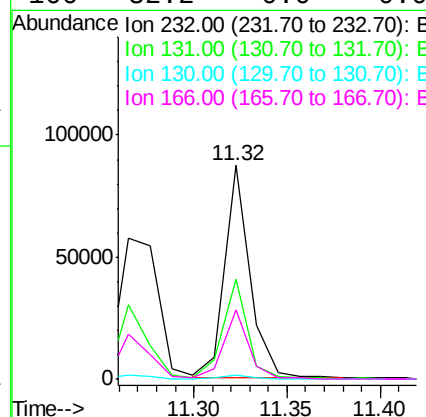
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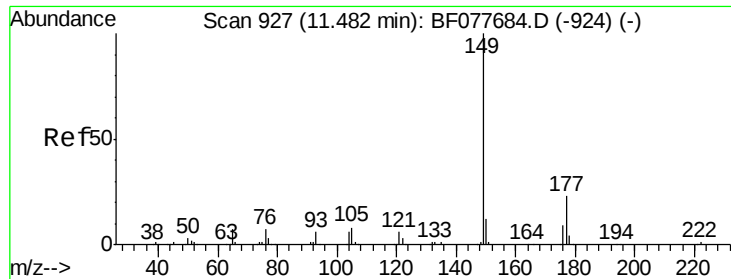
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#58
 2,3,4,6-Tetrachlorophenol
 Concen: 40.75 ng
 RT: 11.32 min Scan# 913
 Delta R.T. 0.00 min
 Lab File: BF077705.D
 Acq: 12 Mar 2015 00:47

Tgt Ion	Ratio	Resp	Lower	Upper
232	100			
131	46.7	0.0	0.0#	
130	2.1	0.0	0.0#	
166	32.2	0.0	0.0#	





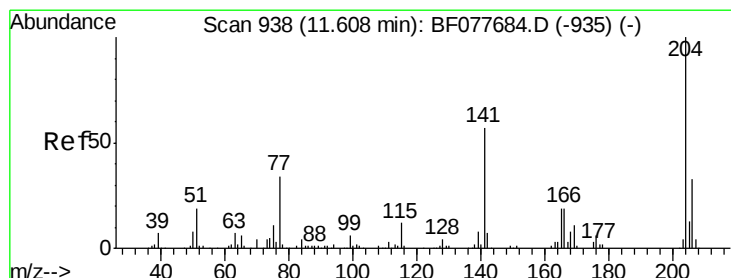
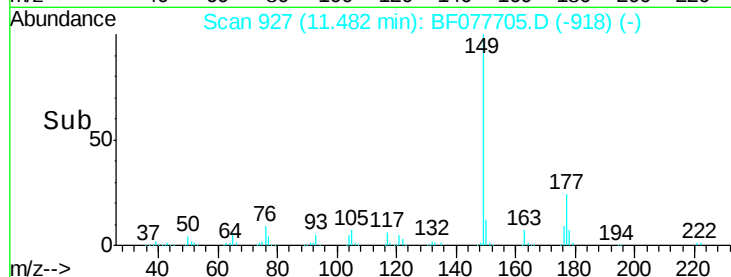
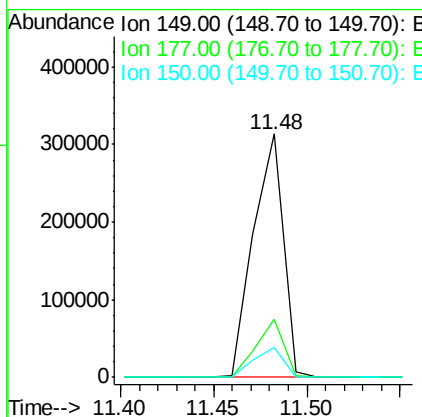
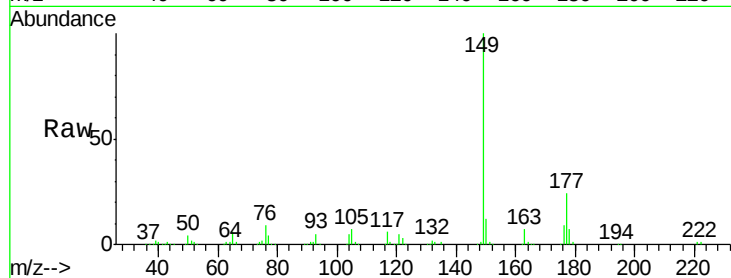
#59
Diethylphthalate
Concen: 40.88 ng
RT: 11.48 min Scan# 927
Delta R.T. 0.00 min
Lab File: BF077705.D
Acq: 12 Mar 2015 00:47

Instrument :
BNA_F
ClientSampleId :
PB82075BSD

Tot Ion	Ratio	Lower	Upper
149	100		
177	23.6	18.3	27.5
150	12.3	9.8	14.8

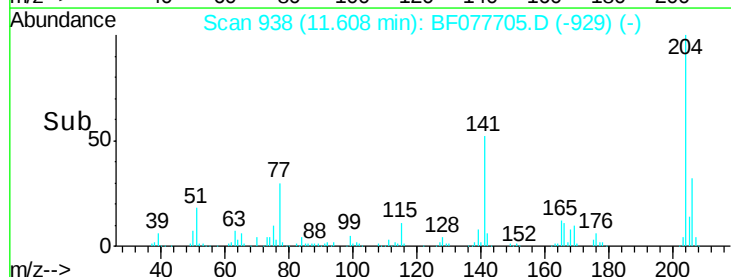
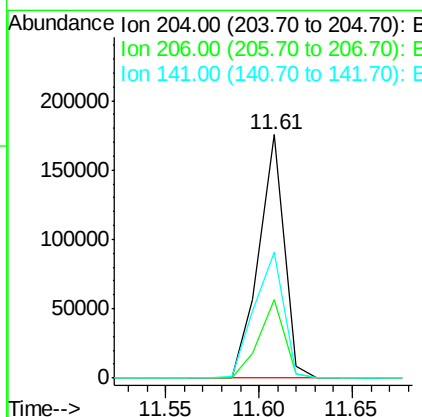
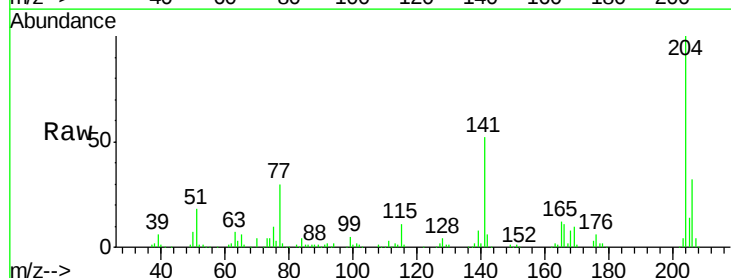
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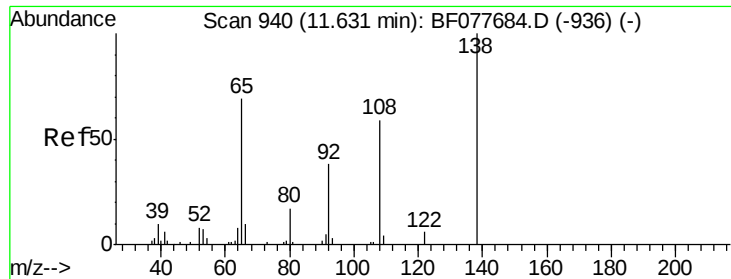
mohammad
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#60
4-Chlorophenyl-phenylether
Concen: 40.42 ng
RT: 11.61 min Scan# 938
Delta R.T. 0.00 min
Lab File: BF077705.D
Acq: 12 Mar 2015 00:47

Tgt Ion	Ratio	Lower	Upper
204	100		
206	32.1	26.6	39.8
141	51.8	45.2	67.8





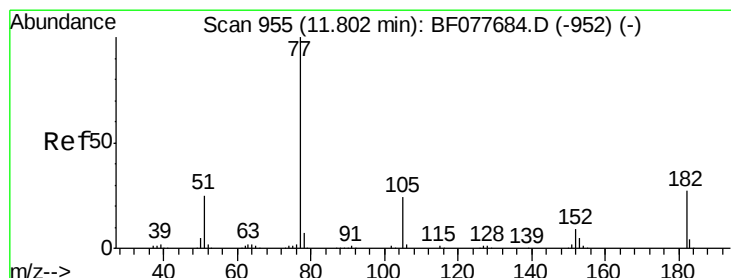
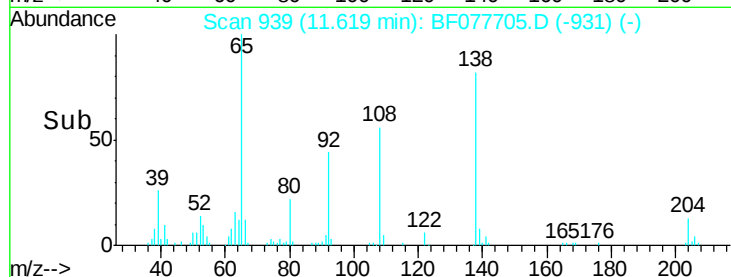
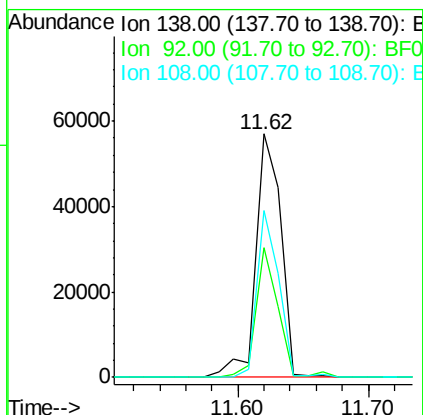
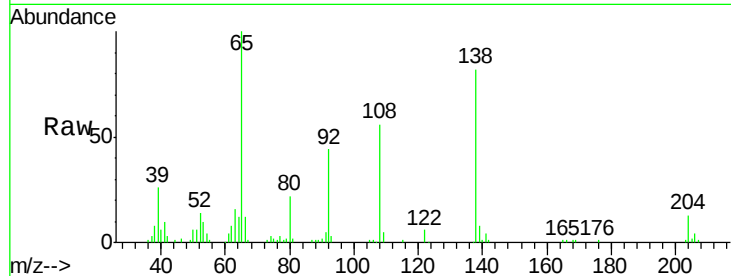
#61
4-Nitroaniline
Concen: 36.67 ng
RT: 11.62 min Scan# 939
Delta R.T. -0.01 min
Lab File: BF077705.D
Acq: 12 Mar 2015 00:47

Instrument :
BNA_F
ClientSampleId :
PB82075BSD

Tot Ion	Ratio	Lower	Upper
138	100		
92	53.1	16.7	56.7
108	68.6	37.6	77.6

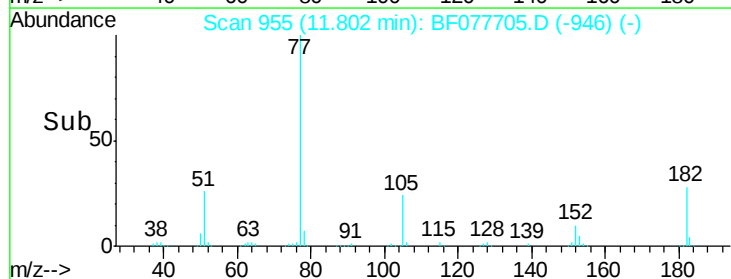
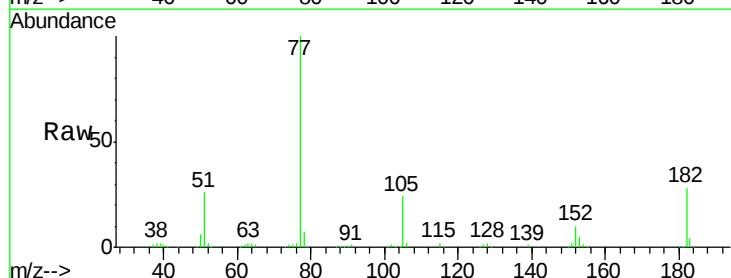
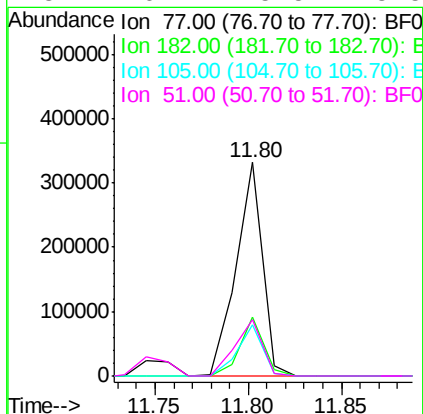
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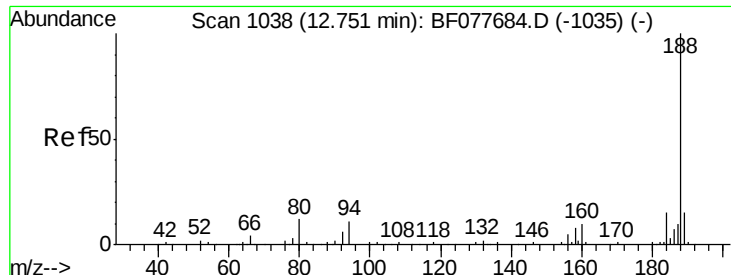
mohammad
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#62
Azobenzene
Concen: 40.45 ng
RT: 11.80 min Scan# 955
Delta R.T. 0.00 min
Lab File: BF077705.D
Acq: 12 Mar 2015 00:47

Tgt Ion	Ratio	Lower	Upper
77	100		
182	27.7	6.5	46.5
105	23.8	3.8	43.8
51	26.1	5.5	45.5





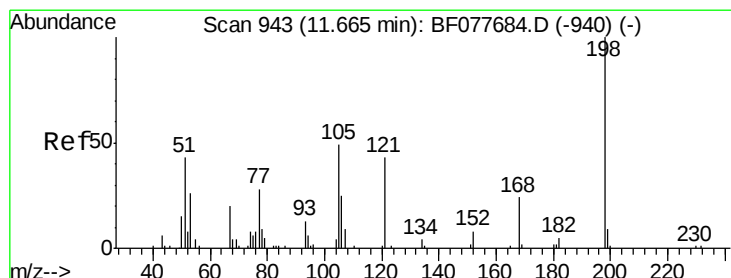
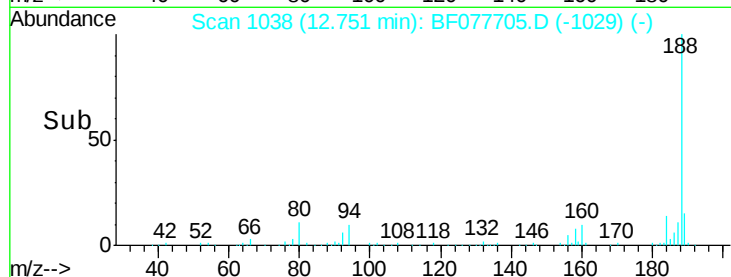
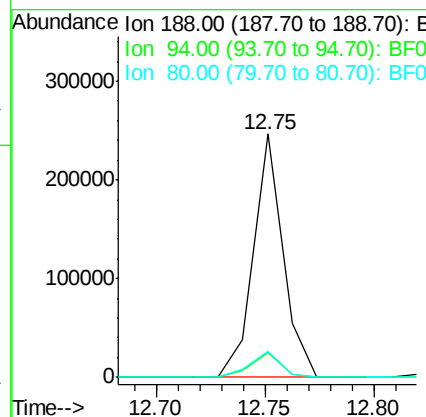
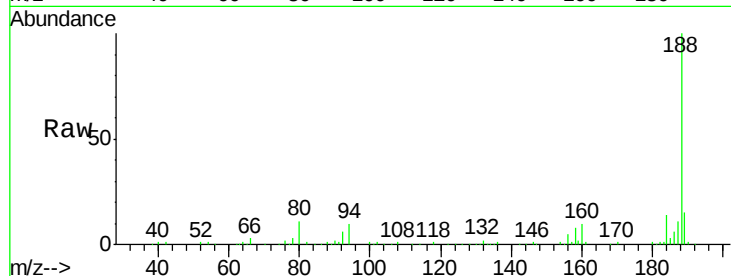
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 12.75 min Scan# 1038
 Delta R.T. 0.00 min
 Lab File: BF077705.D
 Acq: 12 Mar 2015 00:47

Instrument :
 BNA_F
 ClientSampleId :
 PB82075BSD

Tot Ion	Ratio	Resp	Lower	Upper
188	100	233562		
94	10.1	8.7	13.1	
80	10.7	9.3	13.9	

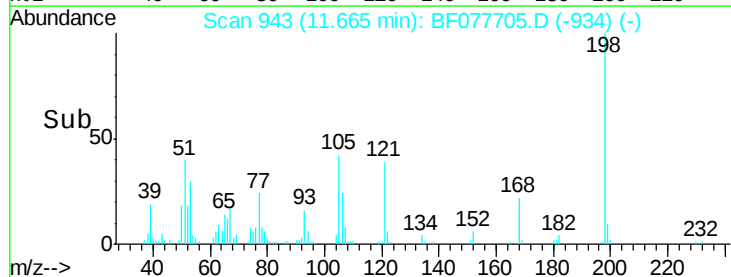
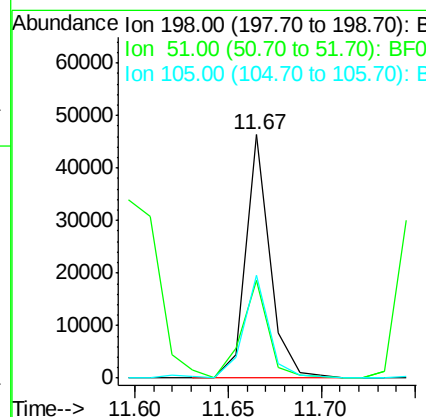
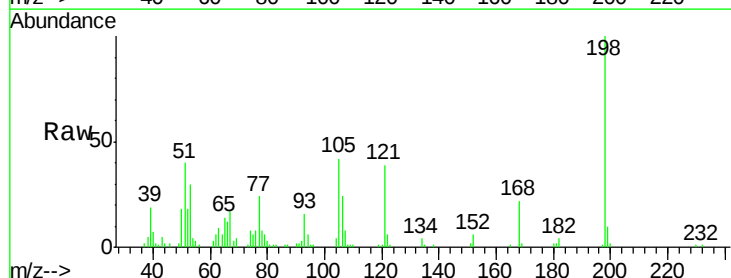
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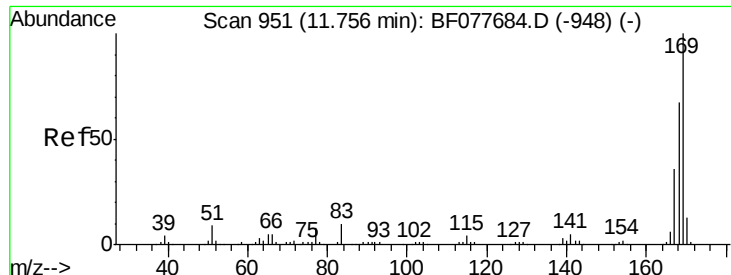
mohammad
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#64
 4,6-Dinitro-2-methylphenol
 Concen: 38.82 ng
 RT: 11.67 min Scan# 943
 Delta R.T. 0.00 min
 Lab File: BF077705.D
 Acq: 12 Mar 2015 00:47

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	41810		
51	40.0	28.8	68.8	
105	42.5	30.5	70.5	





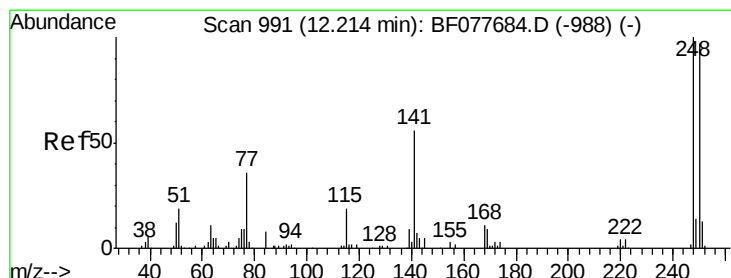
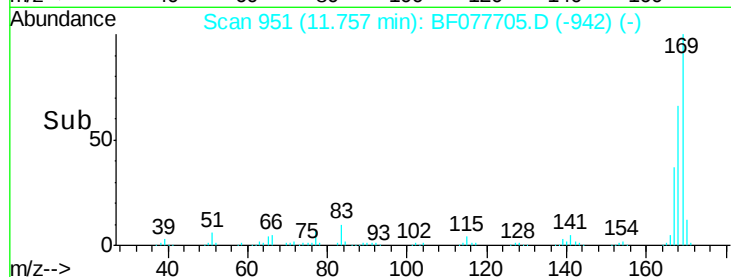
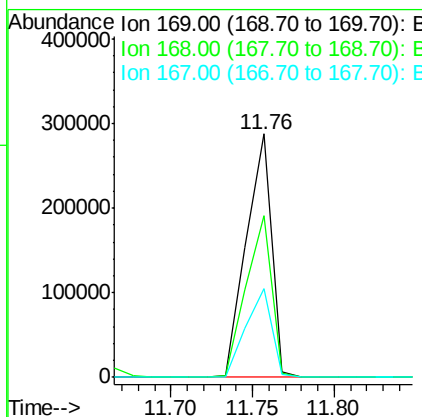
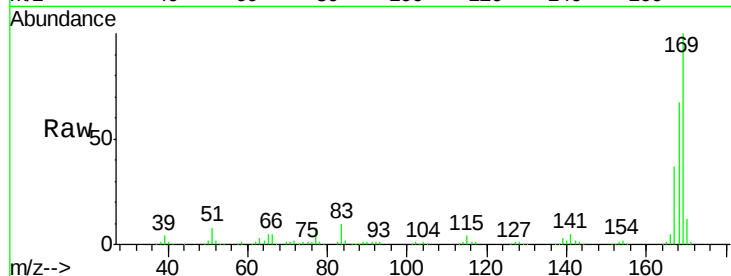
#65
 n-Nitrosodiphenylamine
 Concen: 39.64 ng
 RT: 11.76 min Scan# 951
 Delta R.T. 0.00 min
 Lab File: BF077705.D
 Acq: 12 Mar 2015 00:47

Instrument :
 BNA_F
 ClientSampleId :
 PB82075BSD

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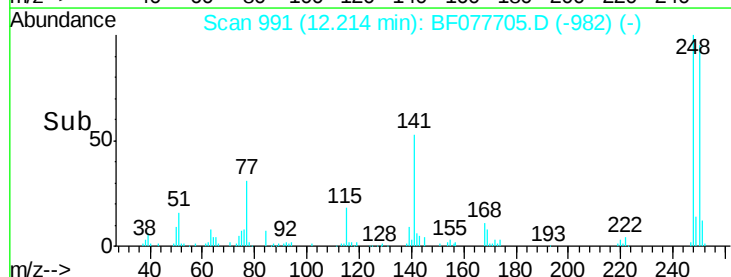
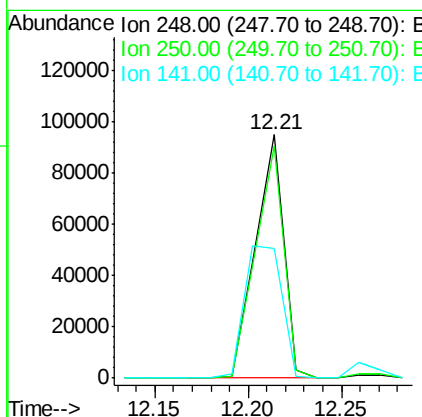
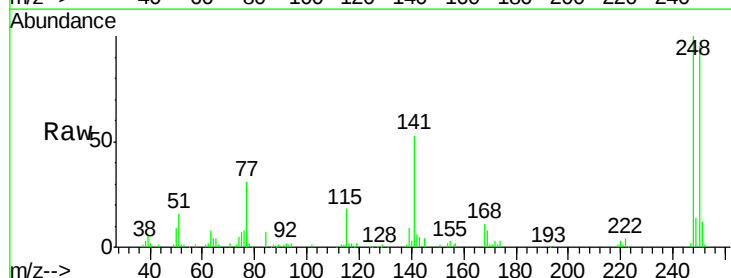
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Tot Ion	Ratio	Resp	Lower	Upper
169	100	308305		
168	66.7		53.9	80.9
167	36.6		28.9	43.3



#66
 4-Bromophenyl-phenylether
 Concen: 39.51 ng
 RT: 12.21 min Scan# 991
 Delta R.T. 0.00 min
 Lab File: BF077705.D
 Acq: 12 Mar 2015 00:47

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	98478		
250	95.3		77.4	116.0
141	53.4		45.2	67.8





#67

Hexachlorobenzene

Concen: 38.56 ng

RT: 12.27 min Scan# 996

Delta R.T. 0.00 min

Lab File: BF077705.D

Acq: 12 Mar 2015 00:47

Instrument :

BNA_F

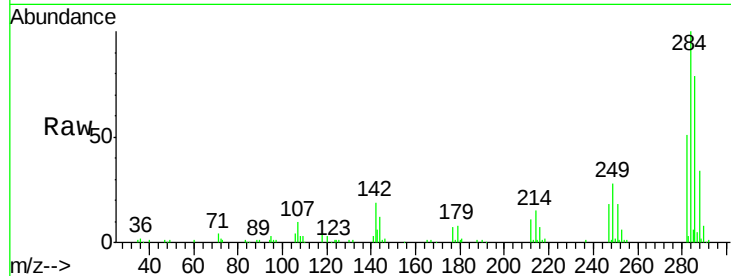
ClientSampleId :

PB82075BSD

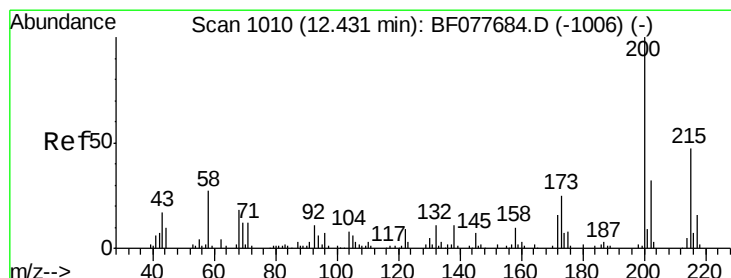
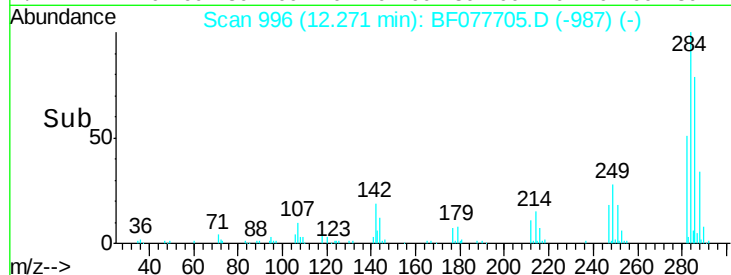
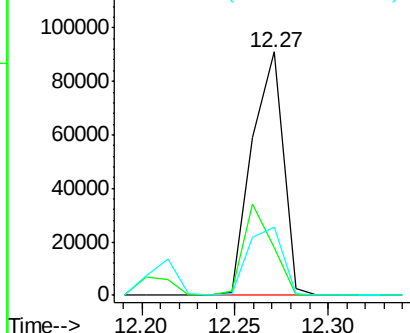
Tot Ion:	284	Resp:	105614
Ion Ratio	Lower	Upper	
284	100		
142	19.4	20.4	30.6#
249	28.1	23.8	35.6

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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: 45.15 ng

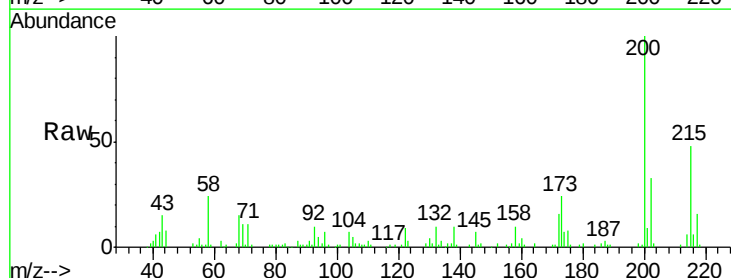
RT: 12.43 min Scan# 1010

Delta R.T. 0.00 min

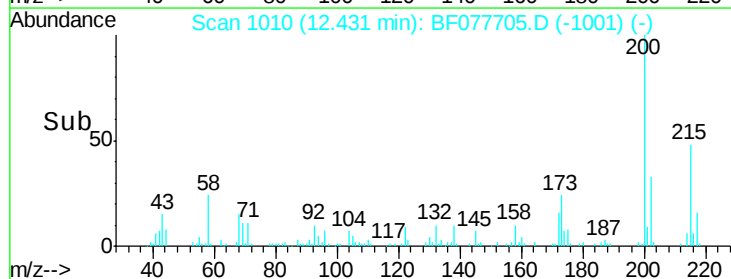
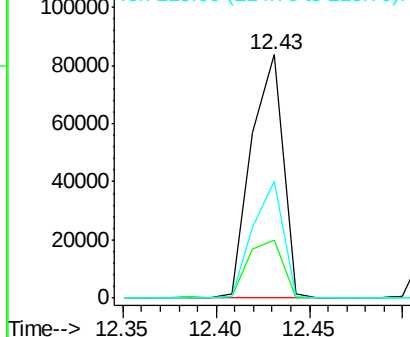
Lab File: BF077705.D

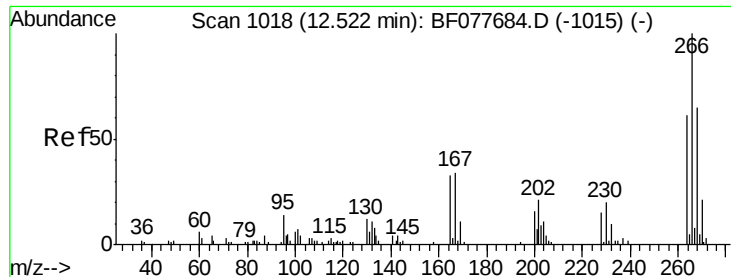
Acq: 12 Mar 2015 00:47

Tgt Ion:	200	Resp:	98401
Ion Ratio	Lower	Upper	
200	100		
173	23.6	4.8	44.8
215	47.8	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





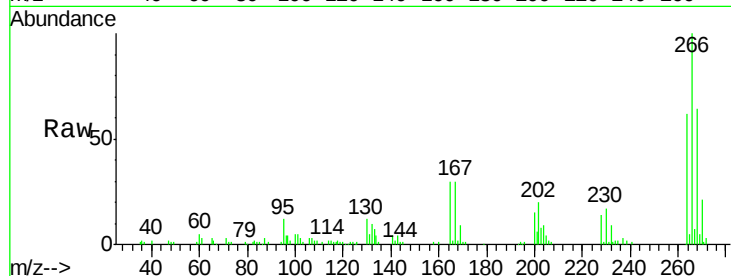
#69
 Pentachlorophenol
 Concen: 77.22 ng
 RT: 12.52 min Scan# 1018
 Delta R.T. 0.00 min
 Lab File: BF077705.D
 Acq: 12 Mar 2015 00:47

Instrument :
 BNA_F
 ClientSampleId :
 PB82075BSD

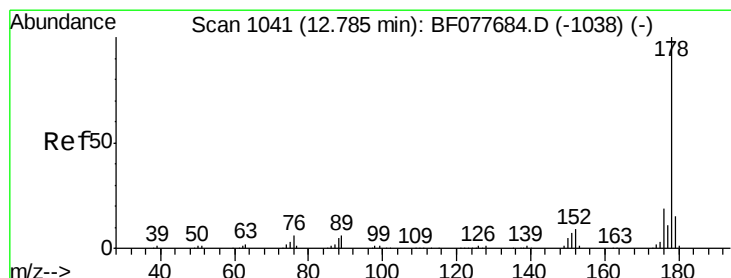
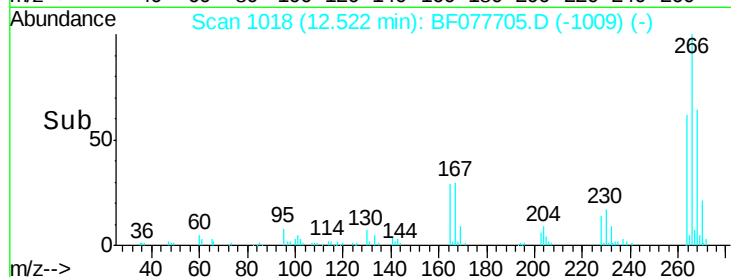
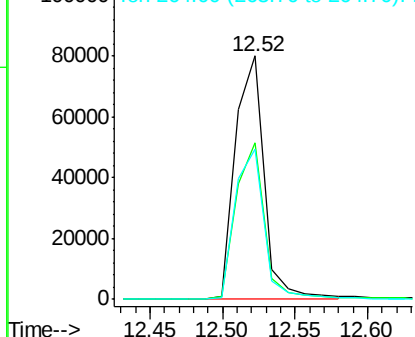
Tot Ion	Ratio	Resp	Lower	Upper
266	100	110609		
268	64.2	52.0	78.0	
264	61.7	49.0	73.4	

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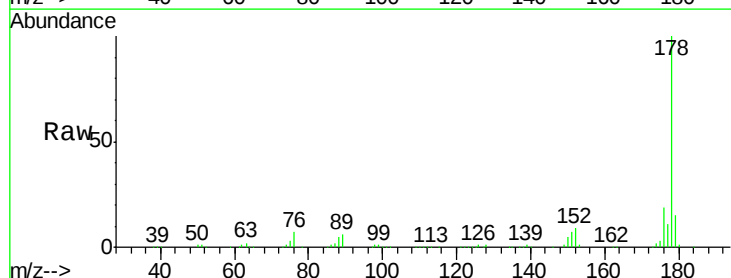


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

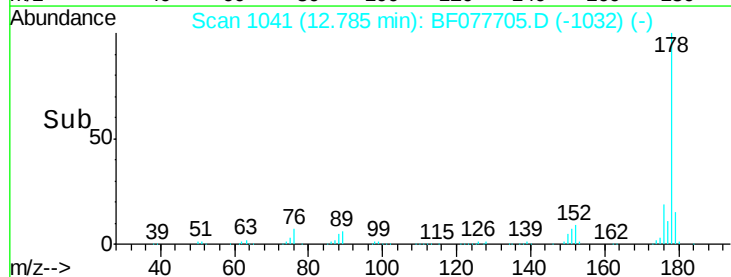
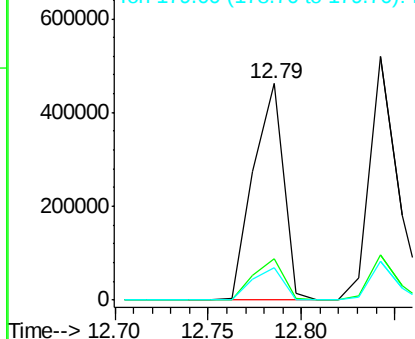


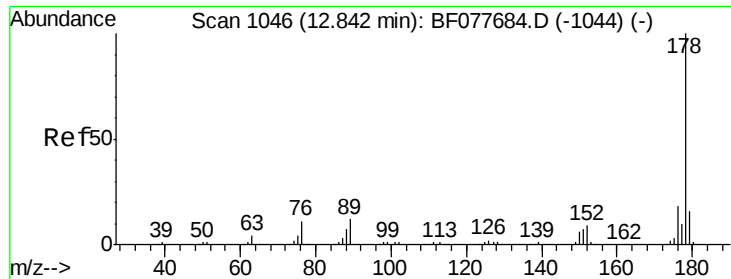
#70
 Phenanthrene
 Concen: 38.69 ng
 RT: 12.79 min Scan# 1041
 Delta R.T. 0.00 min
 Lab File: BF077705.D
 Acq: 12 Mar 2015 00:47

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	518721		
176	18.9	15.2	22.8	
179	15.1	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





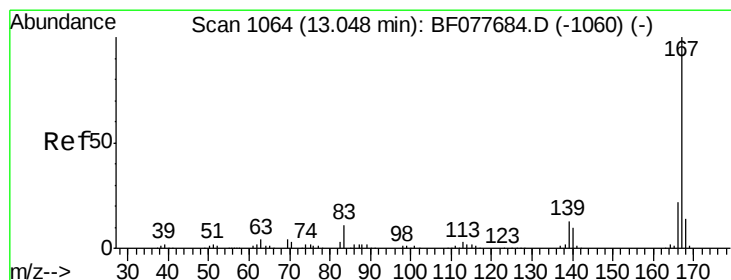
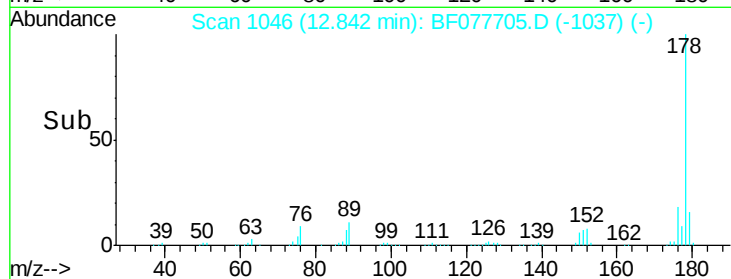
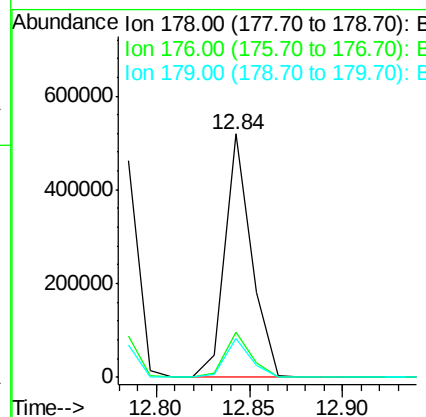
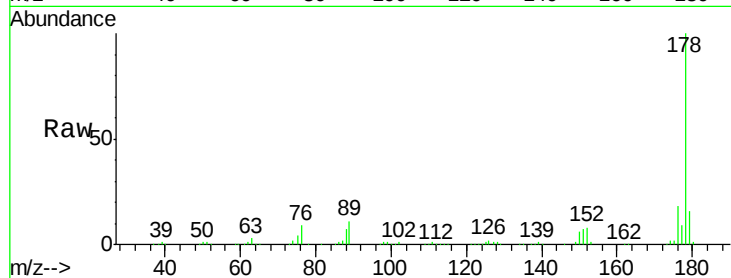
#71
 Anthracene
 Concen: 38.70 ng
 RT: 12.84 min Scan# 1046
 Delta R.T. 0.00 min
 Lab File: BF077705.D
 Acq: 12 Mar 2015 00:47

Instrument :
 BNA_F
 ClientSampleId :
 PB82075BSD

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.4	14.6	22.0
179	15.7	12.6	19.0

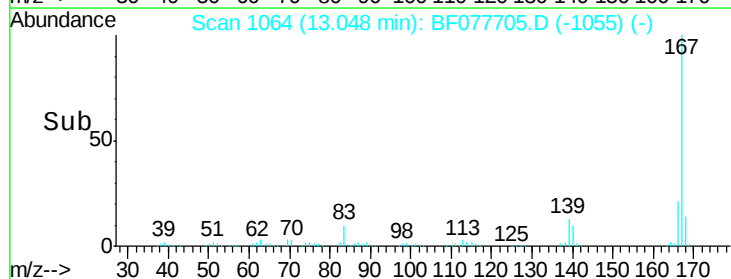
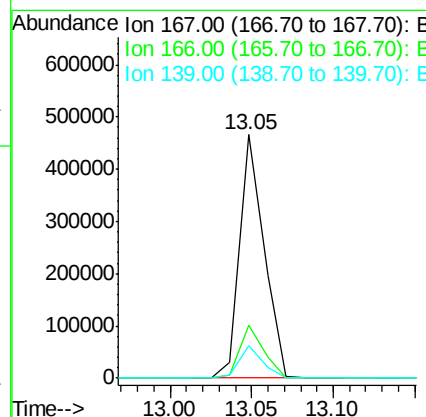
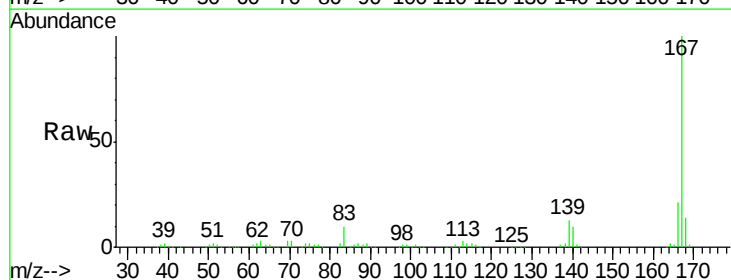
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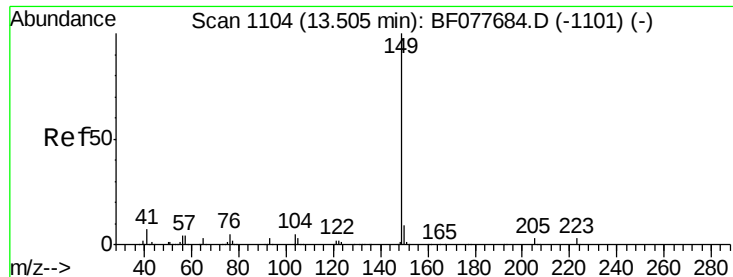
mohammad
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#72
 Carbazole
 Concen: 37.92 ng
 RT: 13.05 min Scan# 1064
 Delta R.T. 0.00 min
 Lab File: BF077705.D
 Acq: 12 Mar 2015 00:47

Tgt Ion	Ratio	Lower	Upper
167	100		
166	21.5	17.2	25.8
139	13.3	10.8	16.2





#73

Di-n-butylphthalate

Concen: 39.99 ng

RT: 13.51 min Scan# 1104

Delta R.T. 0.00 min

Lab File: BF077705.D

Acq: 12 Mar 2015 00:47

Instrument :

BNA_F

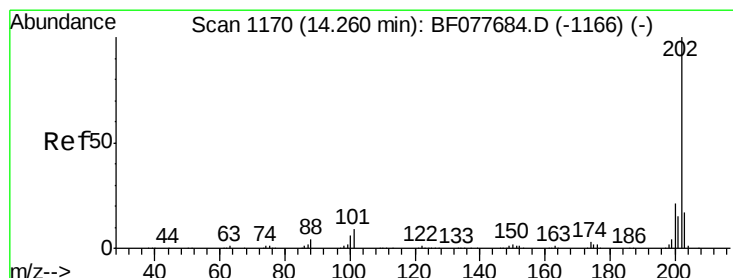
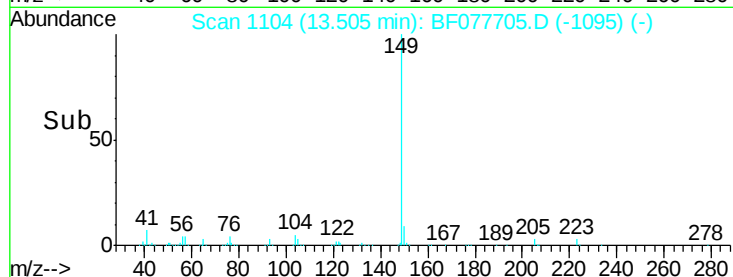
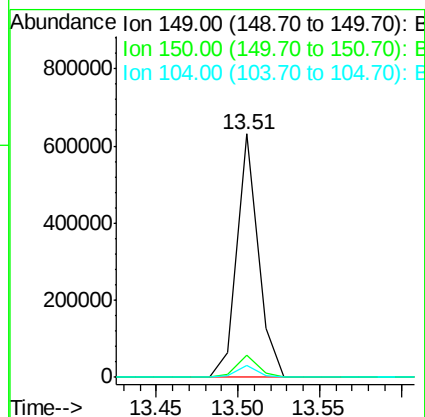
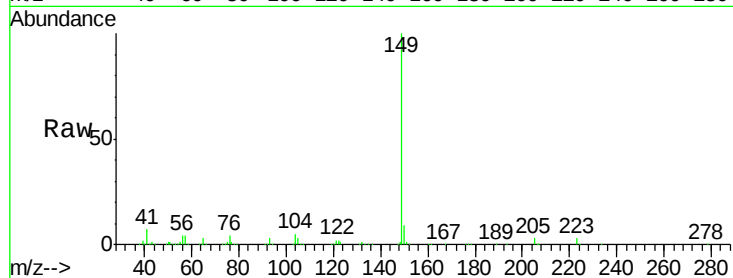
ClientSampleId :

PB82075BSD

Tot Ion:	149	Resp:	565094
Ion Ratio	Lower	Upper	
149	100		
150	9.3	7.5	11.3
104	4.8	3.7	5.5

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#74

Fluoranthene

Concen: 36.97 ng

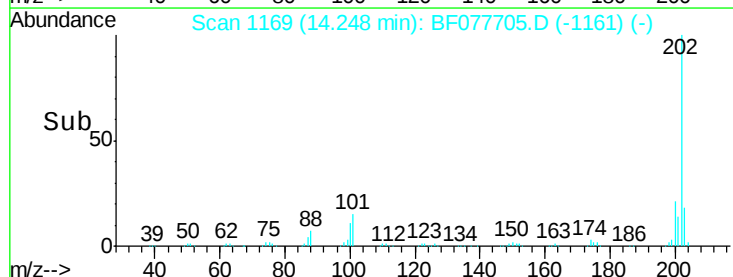
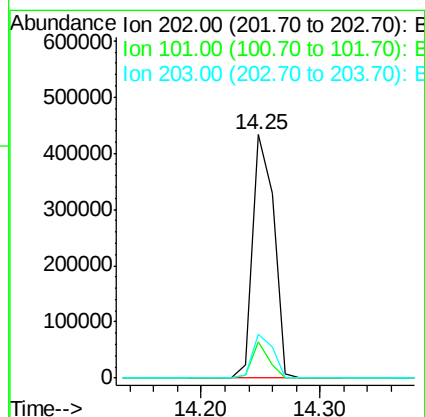
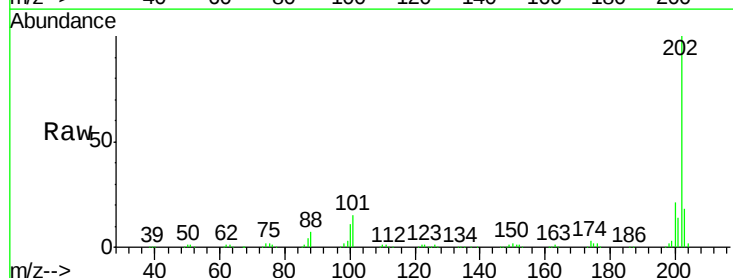
RT: 14.25 min Scan# 1169

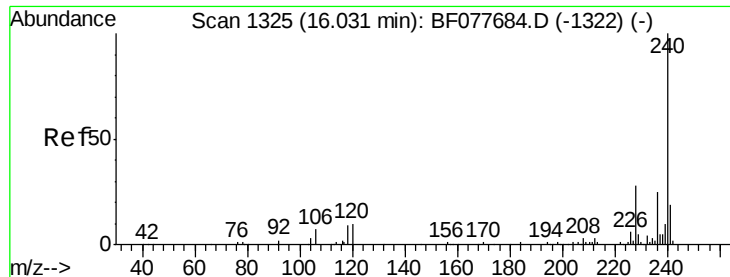
Delta R.T. -0.01 min

Lab File: BF077705.D

Acq: 12 Mar 2015 00:47

Tgt Ion:	202	Resp:	546742
Ion Ratio	Lower	Upper	
202	100		
101	14.8	0.0	28.7
203	17.9	0.0	37.2





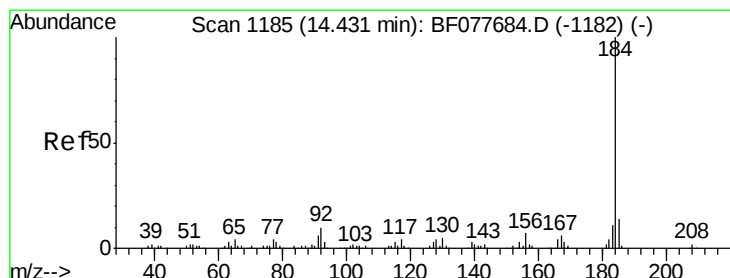
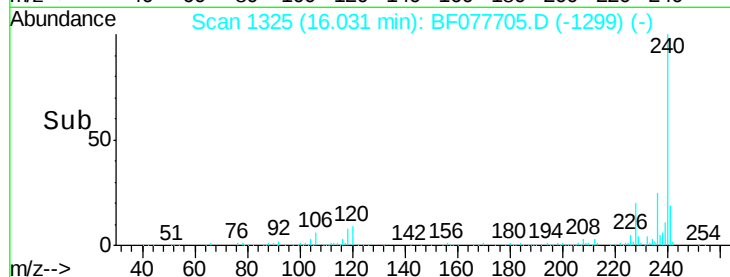
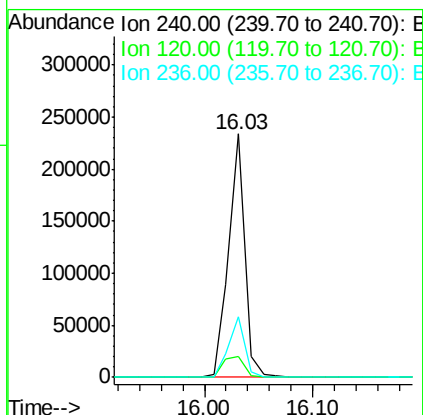
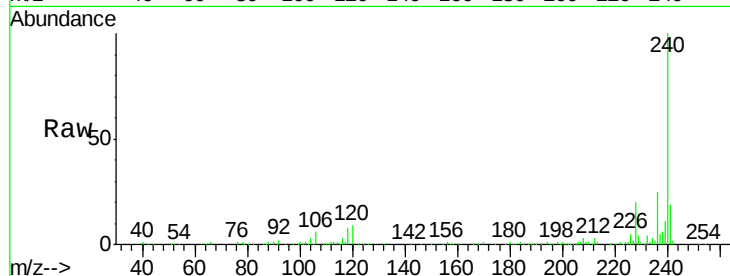
#75
Chrysene-d12
Concen: 20.00 ng
RT: 16.03 min Scan# 1325
Delta R.T. 0.00 min
Lab File: BF077705.D
Acq: 12 Mar 2015 00:47

Instrument :
BNA_F
ClientSampleId :
PB82075BSD

Tot Ion	Ratio	Lower	Upper
240	100		
120	8.7	8.2	12.2
236	25.0	20.0	30.0

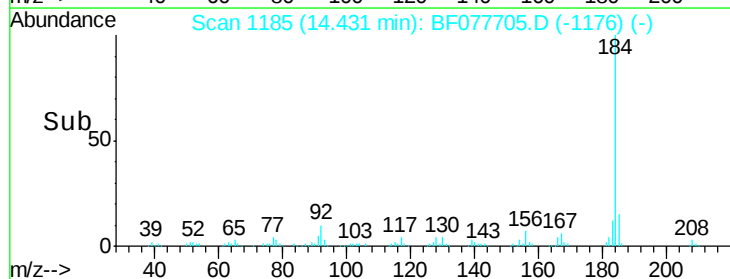
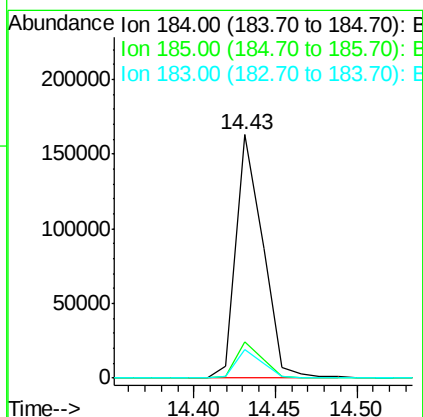
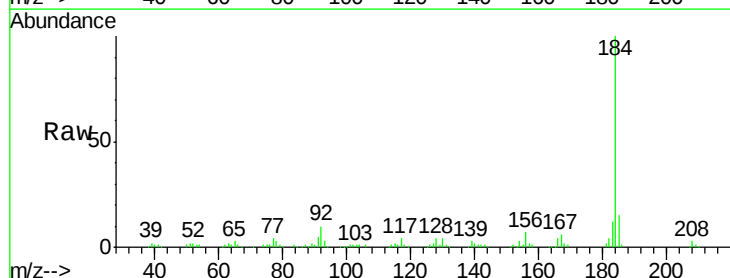
Manual Integrations
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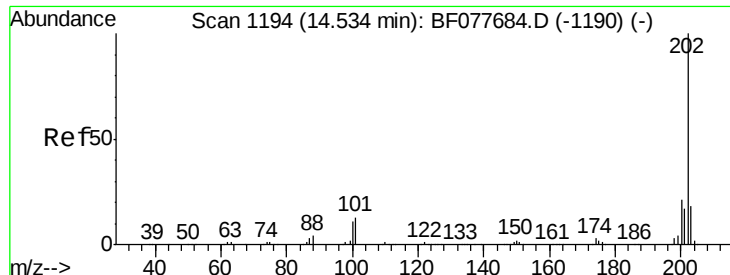
mohammad
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#76
Benzidine
Concen: 30.83 ng
RT: 14.43 min Scan# 1185
Delta R.T. 0.00 min
Lab File: BF077705.D
Acq: 12 Mar 2015 00:47

Tgt Ion	Ratio	Lower	Upper
184	100		
185	15.0	11.3	16.9
183	11.6	8.9	13.3





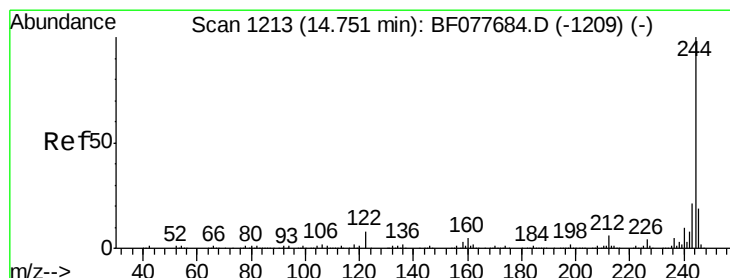
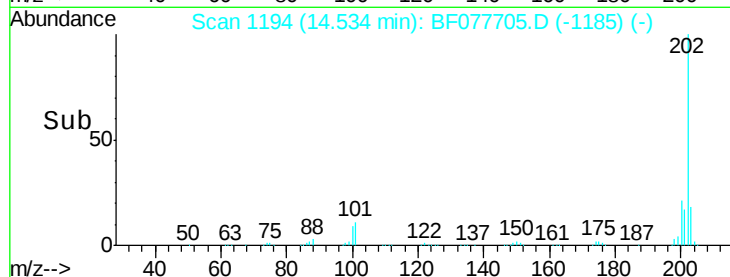
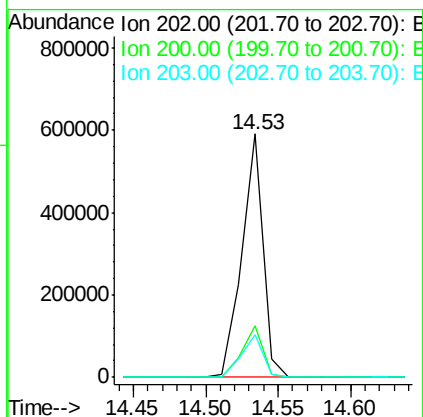
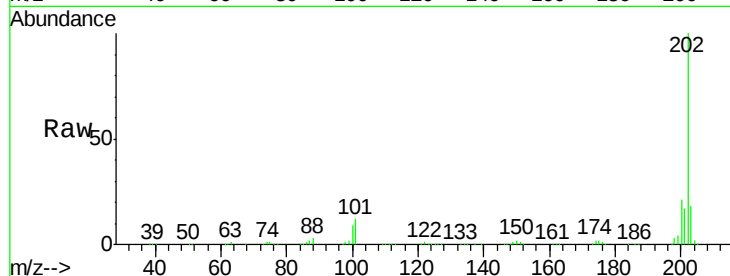
#77
Pvrene
Concen: 39.41 ng
RT: 14.53 min Scan# 1194
Delta R.T. 0.00 min
Lab File: BF077705.D
Acq: 12 Mar 2015 00:47

Instrument :
BNA_F
ClientSampleId :
PB82075BSD

Tot Ion	Ratio	Resp Lower	Upper
202	100		
200	21.1	16.9	25.3
203	17.6	14.1	21.1

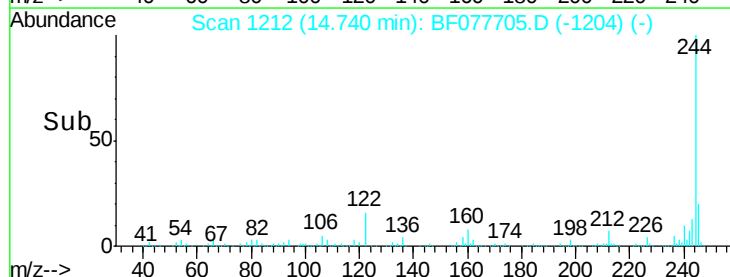
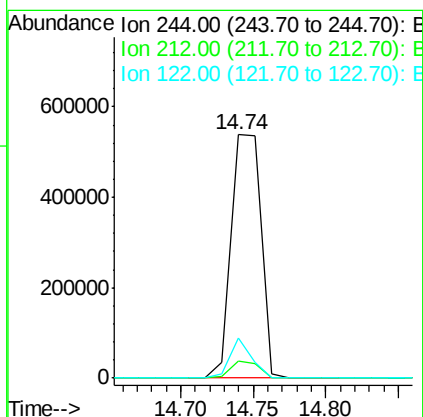
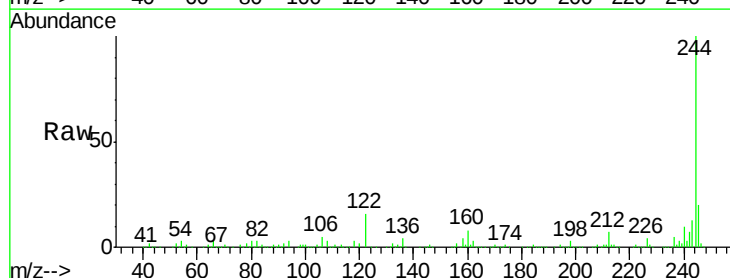
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#78
Terphenyl-d14
Concen: 78.00 ng
RT: 14.74 min Scan# 1212
Delta R.T. -0.01 min
Lab File: BF077705.D
Acq: 12 Mar 2015 00:47

Tgt Ion	Ratio	Resp Lower	Upper
244	100		
212	7.0	4.9	7.3
122	16.2	6.2	9.4





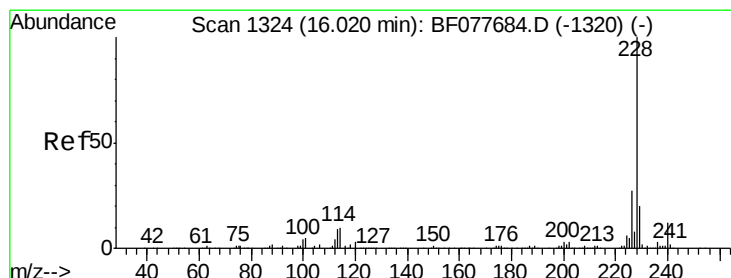
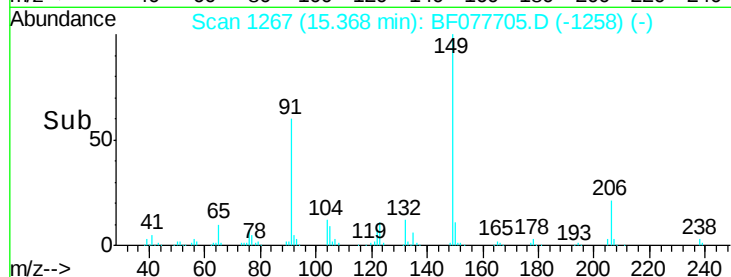
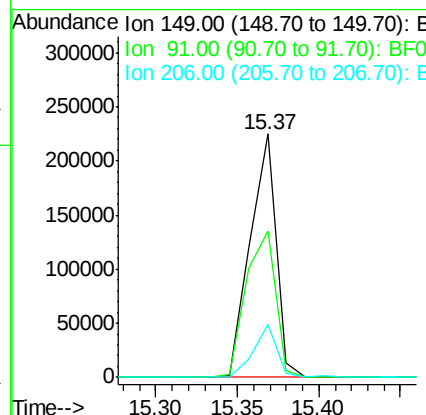
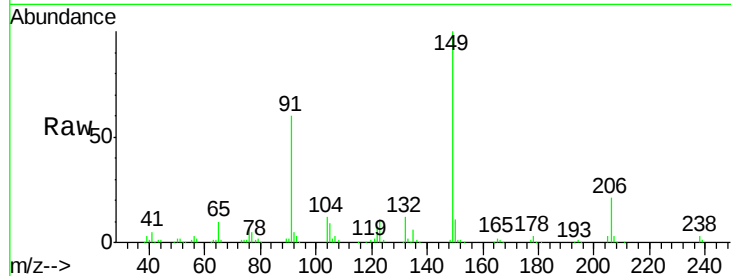
#79
Butylbenzylphthalate
Concen: 41.44 ng
RT: 15.37 min Scan# 1267
Delta R.T. 0.00 min
Lab File: BF077705.D
Acq: 12 Mar 2015 00:47

Instrument :
BNA_F
ClientSampleId :
PB82075BSD

Tot Ion	Ratio	Resp	Lower	Upper
149	100	247682		
91	60.3	50.1	75.1	
206	21.5	16.2	24.2	

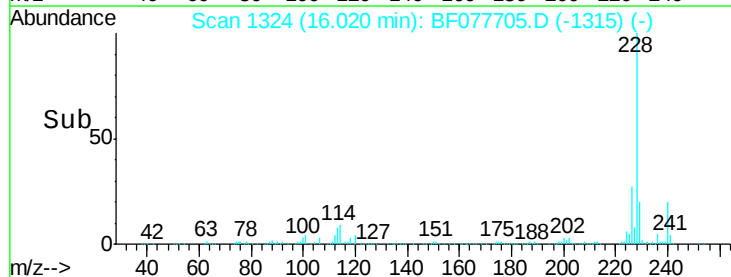
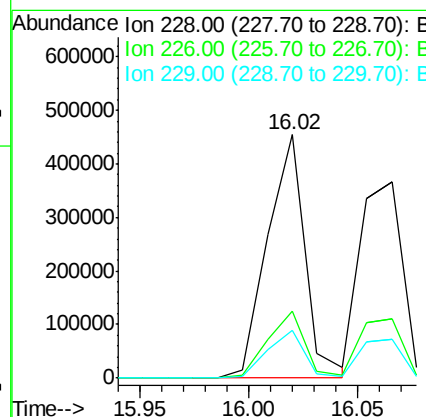
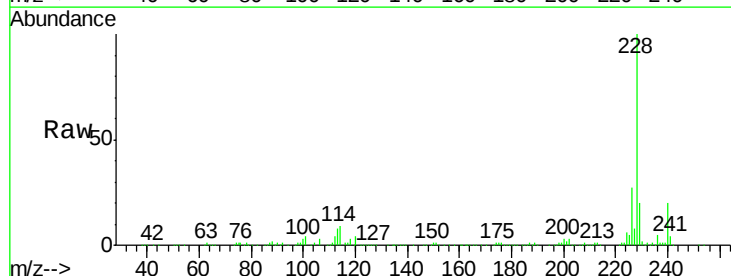
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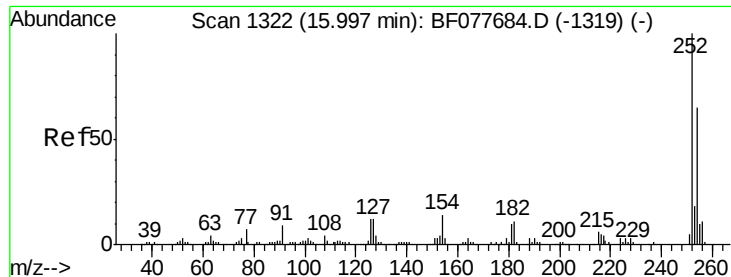
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#80
Benzo(a)anthracene
Concen: 38.69 ng
RT: 16.02 min Scan# 1324
Delta R.T. 0.00 min
Lab File: BF077705.D
Acq: 12 Mar 2015 00:47

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	552814		
226	27.4	21.7	32.5	
229	19.8	16.0	24.0	





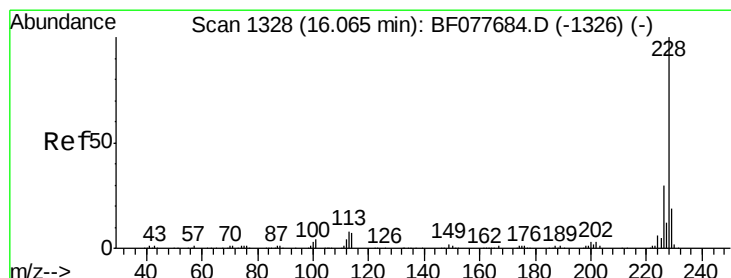
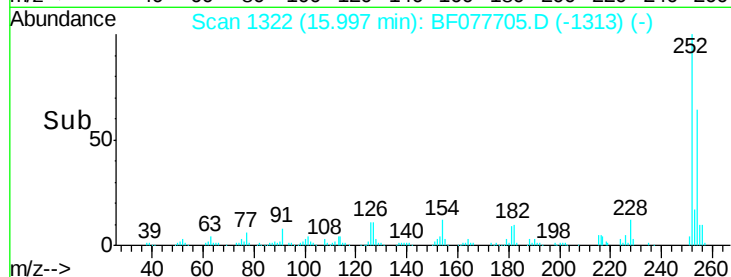
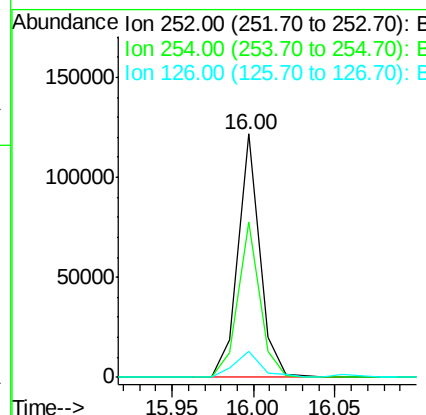
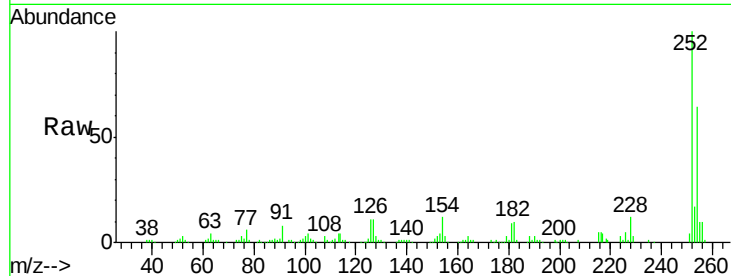
#81
 3,3'-Dichlorobenzidine
 Concen: 23.70 ng
 RT: 16.00 min Scan# 1322
 Delta R.T. 0.00 min
 Lab File: BF077705.D
 Acq: 12 Mar 2015 00:47

Instrument :
 BNA_F
 ClientSampleId :
 PB82075BSD

Tot Ion	Ratio	Resp	Lower	Upper
252	100	111704		
254	63.8	51.9	77.9	
126	10.7	9.8	14.8	

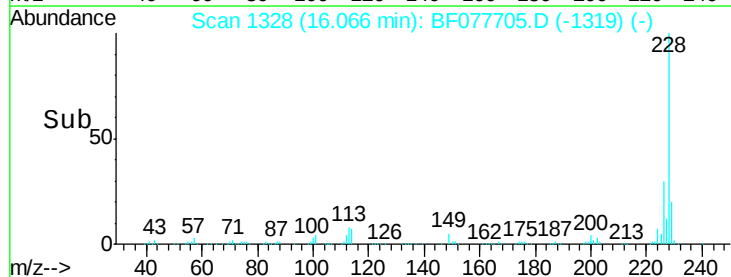
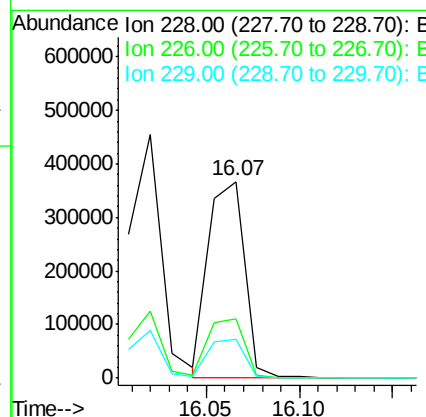
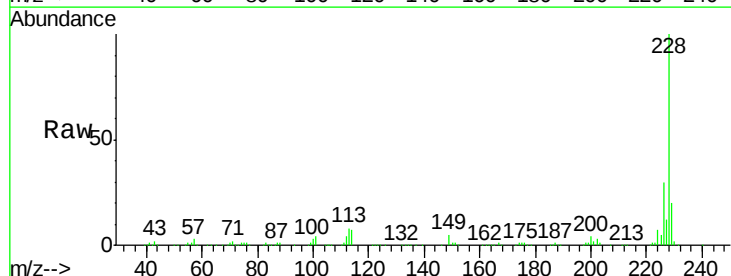
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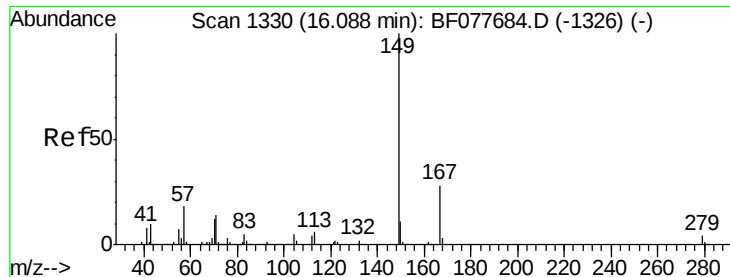
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#82
 Chrysene
 Concen: 38.74 ng
 RT: 16.07 min Scan# 1328
 Delta R.T. 0.00 min
 Lab File: BF077705.D
 Acq: 12 Mar 2015 00:47

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	497794		
226	30.2	24.1	36.1	
229	19.5	15.5	23.3	





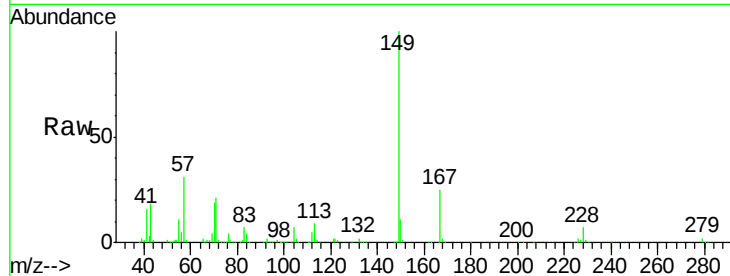
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 41.09 ng
 RT: 16.08 min Scan# 1329
 Delta R.T. -0.01 min
 Lab File: BF077705.D
 Acq: 12 Mar 2015 00:47

Instrument :
 BNA_F
 ClientSampleId :
 PB82075BSD

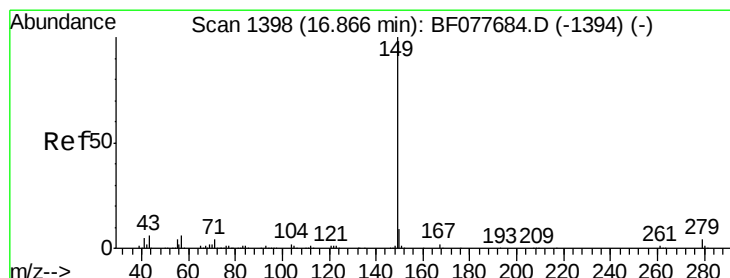
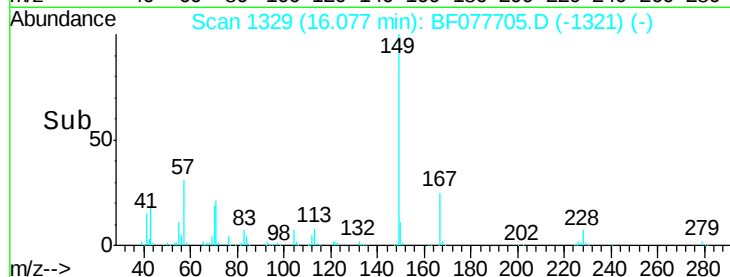
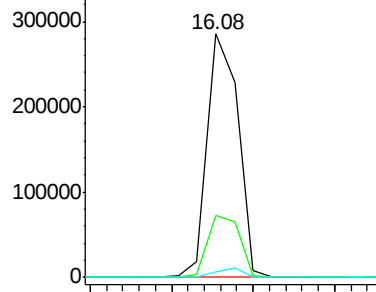
Tot Ion	Ratio	Resp	Lower	Upper
149	100	371968		
167	25.3	22.4	33.6	
279	2.1	3.4	5.0	

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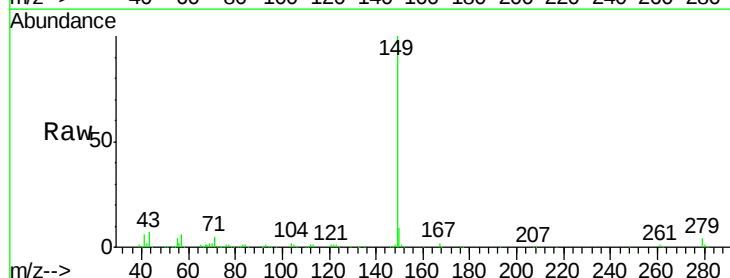


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

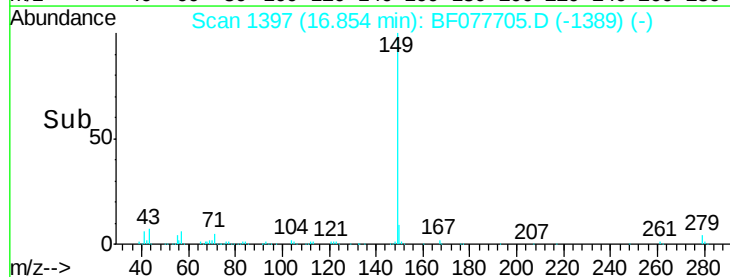
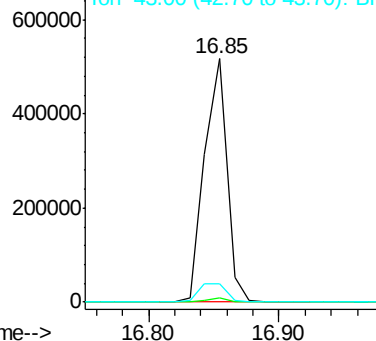


#84
 Di-n-octyl phthalate
 Concen: 39.92 ng
 RT: 16.85 min Scan# 1397
 Delta R.T. -0.01 min
 Lab File: BF077705.D
 Acq: 12 Mar 2015 00:47

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	617903		
167	1.5	1.2	1.8	
43	9.5	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





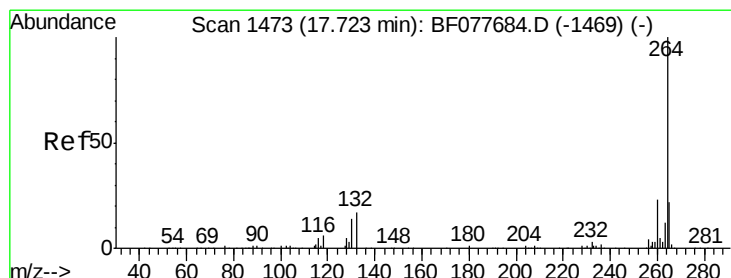
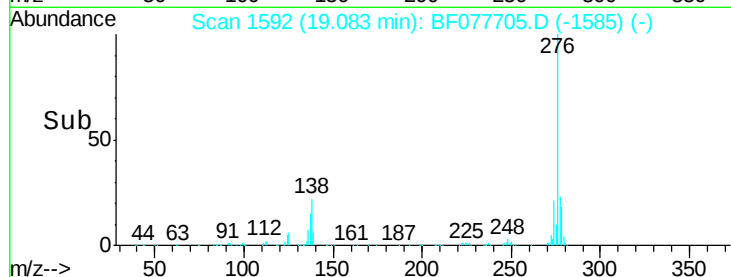
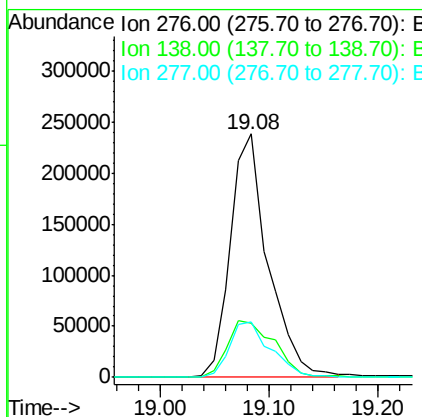
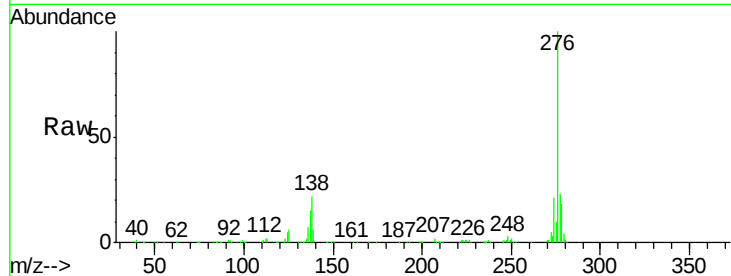
#85
Indeno(1,2,3-cd)pyrene
Concen: 35.73 ng
RT: 19.08 min Scan# 1592
Delta R.T. -0.02 min
Lab File: BF077705.D
Acq: 12 Mar 2015 00:47

Instrument :
BNA_F
ClientSampleId :
PB82075BSD

Tot Ion	Ratio	Resp	Lower	Upper
276	100	573016		
138	28.9	0.0	0.0	0.0
277	24.9	0.0	0.0	0.0

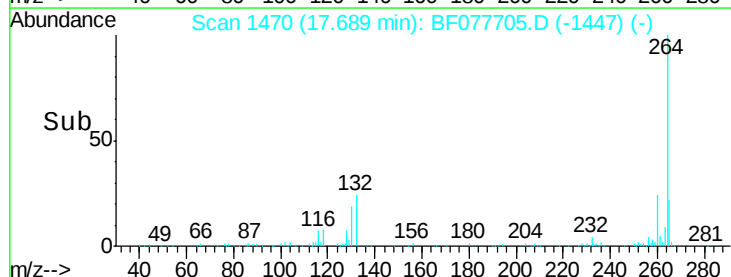
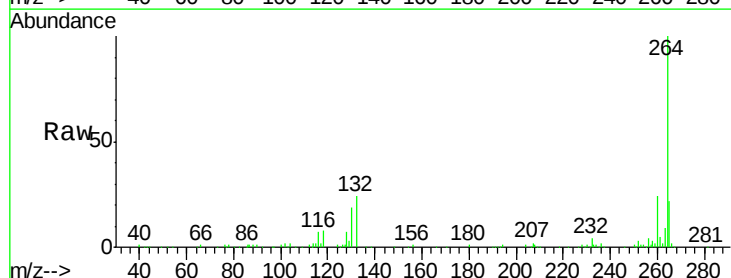
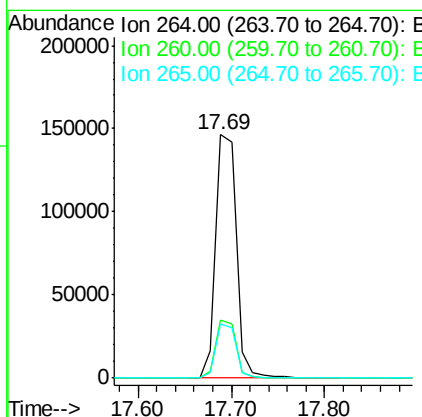
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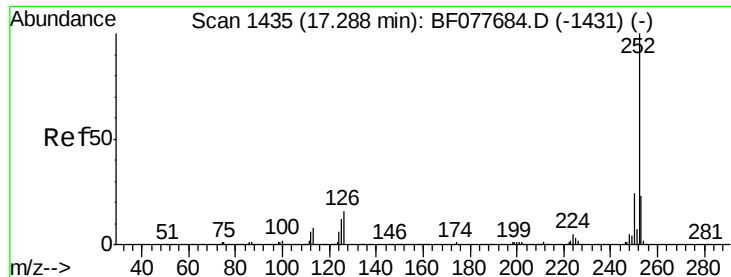
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#86
Perylene-d12
Concen: 20.00 ng
RT: 17.69 min Scan# 1470
Delta R.T. -0.03 min
Lab File: BF077705.D
Acq: 12 Mar 2015 00:47

Tgt Ion	Ratio	Resp	Lower	Upper
264	100	225541		
260	23.9	18.6	27.8	
265	22.3	17.3	25.9	





#87

Benzo(b)fluoranthene

Concen: 37.06 ng

RT: 17.28 min Scan# 1434

Delta R.T. -0.01 min

Lab File: BF077705.D

Acq: 12 Mar 2015 00:47

Instrument :

BNA_F

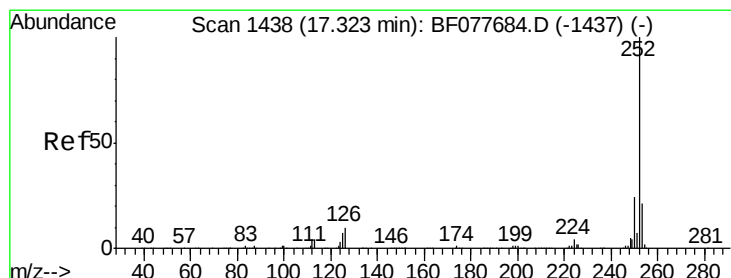
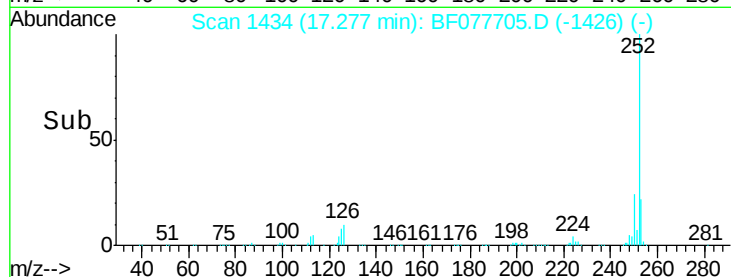
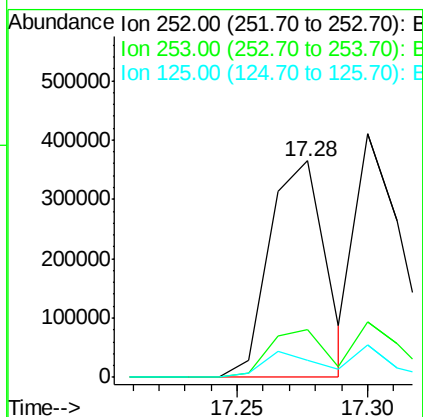
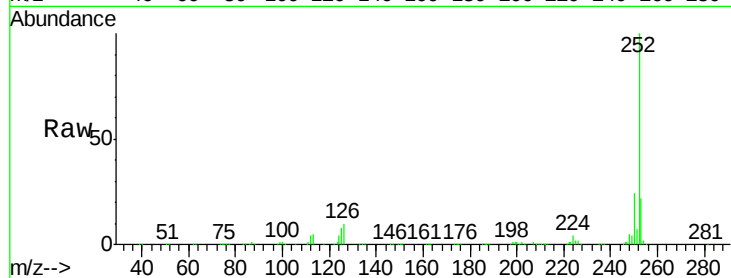
ClientSampleId :

PB82075BSD

Tot Ion:	252	Resp:	545639
Ion Ratio	Lower	Upper	
252	100		
253	22.0	18.0	27.0
125	8.0	9.9	14.9#

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#88

Benzo(k)fluoranthene

Concen: 42.80 ng m

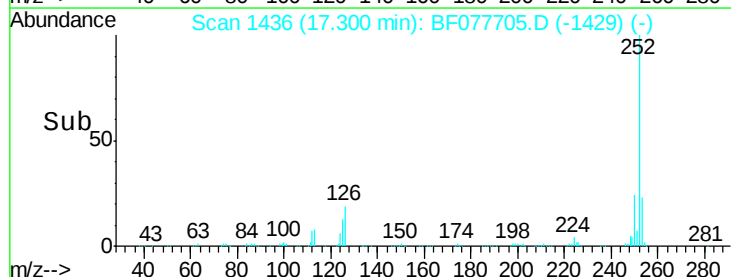
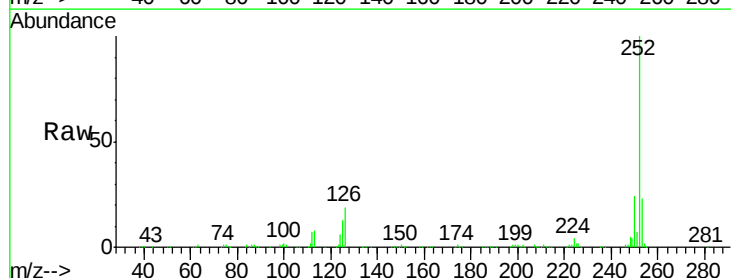
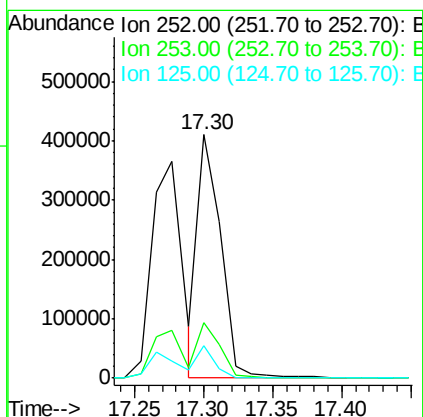
RT: 17.30 min Scan# 1436

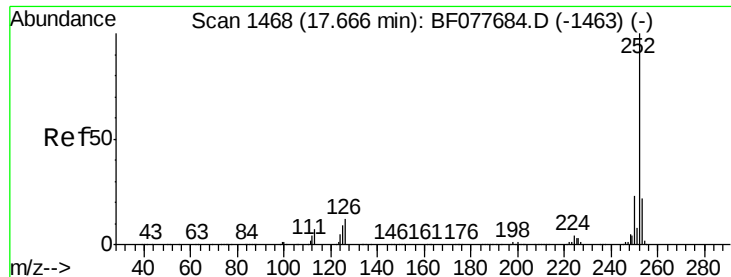
Delta R.T. -0.02 min

Lab File: BF077705.D

Acq: 12 Mar 2015 00:47

Tgt Ion:	252	Resp:	492247
Ion Ratio	Lower	Upper	
252	100		
253	22.5	17.2	25.8
125	13.2	8.1	12.1#





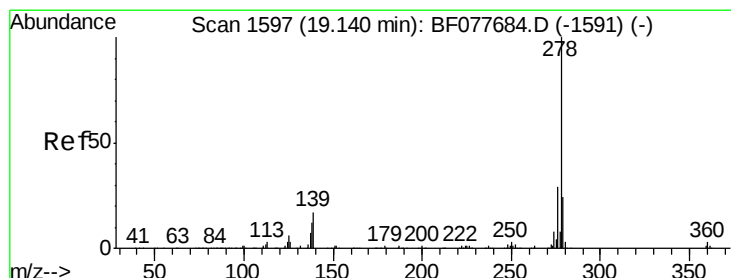
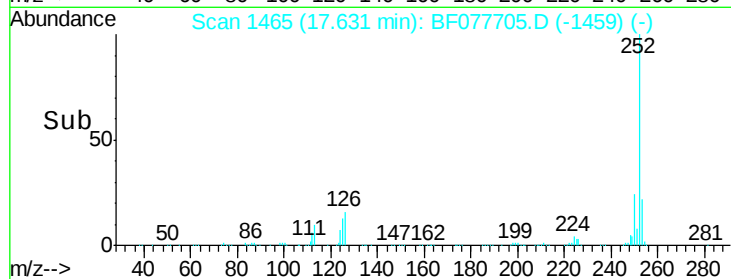
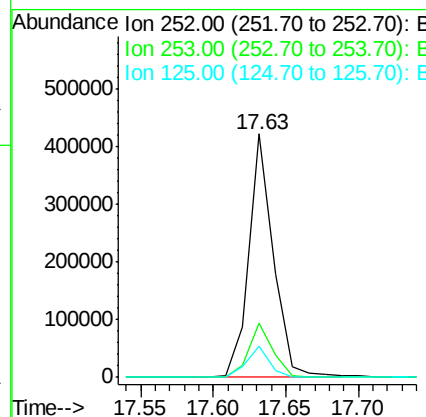
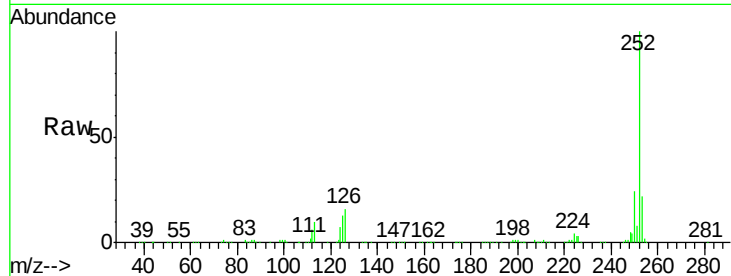
#89
Benzo(a)pyrene
Concen: 40.39 ng
RT: 17.63 min Scan# 1465
Delta R.T. -0.03 min
Lab File: BF077705.D
Acq: 12 Mar 2015 00:47

Instrument :
BNA_F
ClientSampleId :
PB82075BSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.6	26.4
125	12.8	7.4	11.2

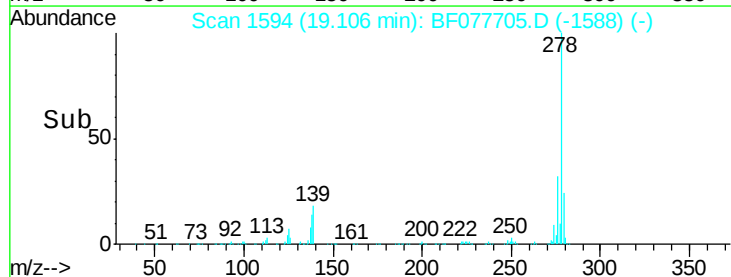
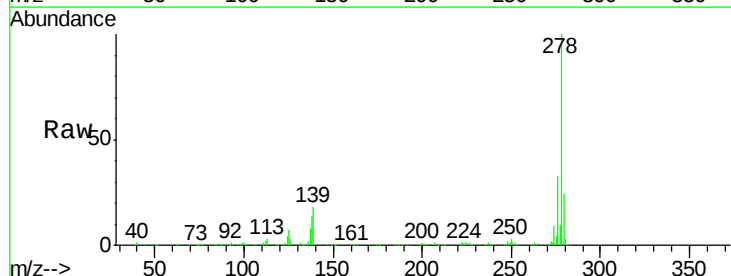
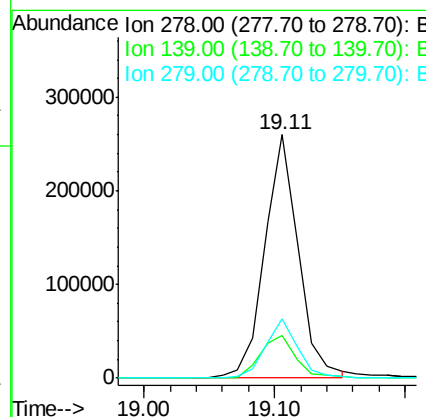
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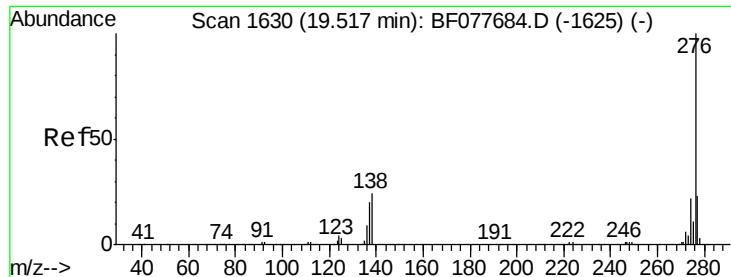
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#90
Dibenzo(a,h)anthracene
Concen: 38.60 ng
RT: 19.11 min Scan# 1594
Delta R.T. -0.03 min
Lab File: BF077705.D
Acq: 12 Mar 2015 00:47

Tgt Ion	Ratio	Lower	Upper
278	100		
139	17.7	13.4	20.0
279	24.2	19.0	28.4





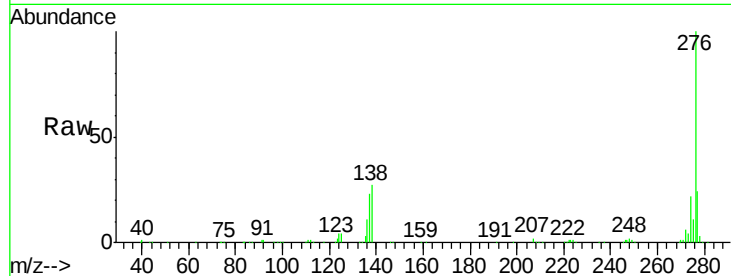
#91
 Benzo(a,h,i)perylene
 Concen: 38.45 ng
 RT: 19.48 min Scan# 1627
 Delta R.T. -0.03 min
 Lab File: BF077705.D
 Acq: 12 Mar 2015 00:47

Instrument :
 BNA_F
 ClientSampleId :
 PB82075BSD

Tot Ion	Ratio	Lower	Upper
276	100		
277	24.1	18.5	27.7
138	26.5	19.0	28.6

Manual Integrations
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Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

