

Data Path : Z:\HPCHEM1\BNA F\DATA\BF031115\
 Data File : BF077695.D
 Acq On : 11 Mar 2015 19:03
 Operator : TP/IZ
 Sample : PB82059BS
 Misc : S
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB82059BS

Manual Integrations
 APPROVED

mohammad
 3/13/2015 9:40:25 AM

Quant Time: Mar 12 05:32:21 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	57765	20.00	ng	0.00
21) Naphthalene-d8	8.75	136	245320	20.00	ng	0.00
38) Acenaphthene-d10	10.91	164	127742	20.00	ng	0.00
63) Phenanthrene-d10	12.75	188	233930	20.00	ng	0.00
75) Chrysene-d12	16.03	240	254978	20.00	ng	0.00
86) Perylene-d12	17.77	264	253195	20.00	ng	0.05

System Monitoring Compounds

5) 2-Fluorophenol	5.46	112	418886	126.58	ng	0.00
7) Phenol-d6	6.74	99	536842	131.30	ng	0.00
23) Nitrobenzene-d5	7.86	82	283863	75.85	ng	0.00
41) 2,4,6-Tribromophenol	11.89	330	139551	114.18	ng	0.00
44) 2-Fluorobiphenyl	10.09	172	653651	75.20	ng	0.00
78) Terphenyl-d14	14.75	244	755133	72.34	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.08	88	49567	32.99	ng	# 100
3) Pyridine	2.76	79	148702	36.83	ng	98
4) n-Nitrosodimethylamine	2.69	42	62902	35.78	ng	97
6) Aniline	6.75	93	96111	16.43	ng	# 1
8) 2-Chlorophenol	6.90	128	160401	40.72	ng	98
9) Benzaldehyde	6.61	77	16332	9.75	ng	95
10) Phenol	6.75	94	196114	40.58	ng	83
11) bis(2-Chloroethyl)ether	6.86	93	147839	40.84	ng	98
12) 1,3-Dichlorobenzene	7.09	146	166744	38.06	ng	99
13) 1,4-Dichlorobenzene	7.20	146	167143	36.72	ng	98
14) 1,2-Dichlorobenzene	7.38	146	158463	37.97	ng	99
15) Benzyl Alcohol	7.36	79	128775	40.35	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.54	45	190176	38.98	ng	100
17) 2-Methylphenol	7.50	107	129437	40.36	ng	98
18) Hexachloroethane	7.79	117	56119	37.59	ng	98
19) n-Nitroso-di-n-propylamine	7.69	70	105871	37.43	ng	98
20) 3+4-Methylphenols	7.70	107	169764	40.34	ng	98
22) Acetophenone	7.68	105	210262	38.72	ng	# 100
24) Nitrobenzene	7.88	77	149613	37.11	ng	98
25) Isophorone	8.19	82	284093	37.59	ng	97
26) 2-Nitrophenol	8.28	139	78687	39.86	ng	98
27) 2,4-Dimethylphenol	8.35	122	146937	40.86	ng	98
28) bis(2-Chloroethoxy)methane	8.46	93	176611	38.50	ng	98
29) 2,4-Dichlorophenol	8.58	162	140169	40.89	ng	98
30) 1,2,4-Trichlorobenzene	8.68	180	140397	36.61	ng	99
31) Naphthalene	8.77	128	468627	37.19	ng	100
32) Benzoic acid	8.46	122	76343	38.70	ng	90
33) 4-Chloroaniline	8.85	127	77252	15.11	ng	98
34) Hexachlorobutadiene	8.93	225	77948	35.86	ng	98
35) Caprolactam	9.26	113	41149	41.08	ng	98
36) 4-Chloro-3-methylphenol	9.46	107	146163	42.38	ng	96
37) 2-Methylnaphthalene	9.63	142	327332	38.67	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.84	216	146133	38.35	ng	# 100
40) Hexachlorocyclopentadiene	9.82	237	142970	75.16	ng	99

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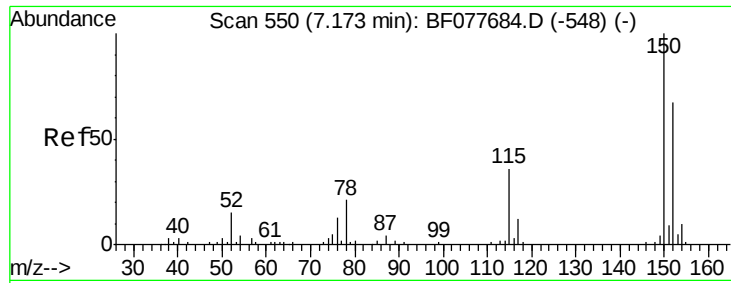
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.98	196	101145	38.32	nq	99
43) 2,4,5-Trichlorophenol	10.03	196	107981	37.87	nq	97
45) 1,1'-Biphenyl	10.21	154	404794	39.64	nq	100
46) 2-Chloronaphthalene	10.23	162	312721	37.68	nq	# 92
47) 2-Nitroaniline	10.36	65	84363	40.93	nq	99
48) Acenaphthylene	10.74	152	487212	35.31	nq	100
49) Dimethylphthalate	10.60	163	364141	38.43	nq	100
50) 2,6-Dinitrotoluene	10.67	165	78172	39.80	nq	99
51) Acenaphthene	10.96	154	289502	36.59	nq	99
52) 3-Nitroaniline	10.88	138	46614	20.44	nq	97
53) 2,4-Dinitrophenol	11.01	184	57662	79.93	nq	# 63
54) Dibenzofuran	11.17	168	450481	38.39	nq	99
55) 4-Nitrophenol	11.09	139	138190	81.79	nq	# 82
56) 2,4-Dinitrotoluene	11.17	165	103540	40.43	nq	# 69
57) Fluorene	11.60	166	369859	37.96	nq	99
58) 2,3,4,6-Tetrachlorophenol	11.32	232	86367	39.34	nq	# 100
59) Diethylphthalate	11.48	149	373676	40.48	nq	99
60) 4-Chlorophenyl-phenylether	11.61	204	173338	38.98	nq	98
61) 4-Nitroaniline	11.63	138	84117	37.00	nq	96
62) Azobenzene	11.80	77	380558	43.13	nq	99
64) 4,6-Dinitro-2-methylphenol	11.67	198	43374	40.05	nq	98
65) n-Nitrosodiphenylamine	11.76	169	324863	41.71	nq	100
66) 4-Bromophenyl-phenylether	12.21	248	106248	42.56	nq	98
67) Hexachlorobenzene	12.27	284	112131	40.88	nq	99
68) Atrazine	12.43	200	102419	46.92	nq	99
69) Pentachlorophenol	12.52	266	117791	81.91	nq	98
70) Phenanthrene	12.79	178	522653	38.92	nq	100
71) Anthracene	12.84	178	500708	37.74	nq	100
72) Carbazole	13.05	167	470360	37.27	nq	99
73) Di-n-butylphthalate	13.51	149	533552	37.70	nq	100
74) Fluoranthene	14.26	202	536001	36.19	nq	99
76) Benzidine	14.43	184	180066	28.41	nq	99
77) Pyrene	14.53	202	559364	34.89	nq	100
79) Butylbenzylphthalate	15.37	149	235792	37.30	nq	99
80) Benzo(a)anthracene	16.02	228	570798	37.76	nq	99
81) 3,3'-Dichlorobenzidine	16.00	252	111824	22.43	nq	96
82) Chrysene	16.07	228	532065	39.15	nq	99
83) Bis(2-ethylhexyl)phthalate	16.09	149	390701	40.80	nq	# 99
84) Di-n-octyl phthalate	16.88	149	672773	41.09	nq	100
85) Indeno(1,2,3-cd)pyrene	19.15	276	569504m	33.57	nq	
87) Benzo(b)fluoranthene	17.32	252	543675	32.89	nq	# 97
88) Benzo(k)fluoranthene	17.36	252	551473	42.71	nq	97
89) Benzo(a)pyrene	17.70	252	526684	38.19	nq	# 97
90) Dibenzo(a,h)anthracene	19.19	278	465762	34.05	nq	99
91) Benzo(g,h,i)perylene	19.56	276	464934	33.39	nq	98

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



#1

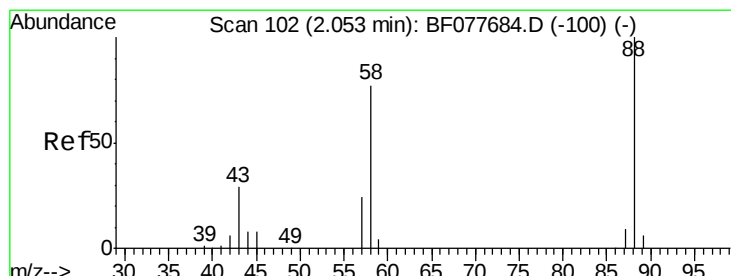
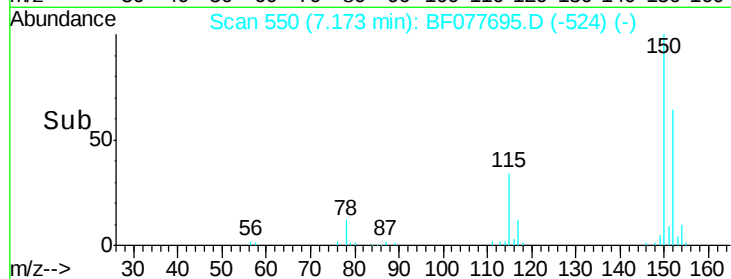
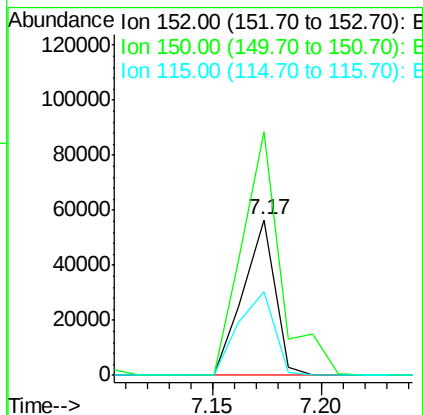
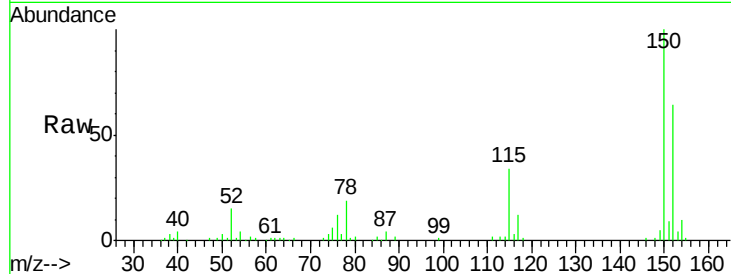
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.17 min Scan# 550
Delta R.T. 0.00 min
Lab File: BF077695.D
Acq: 11 Mar 2015 19:03

Instrument :
BNA_F
ClientSampleId :
PB82059BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.7	119.5	179.3
115	53.4	43.0	64.4

Manual Integrations
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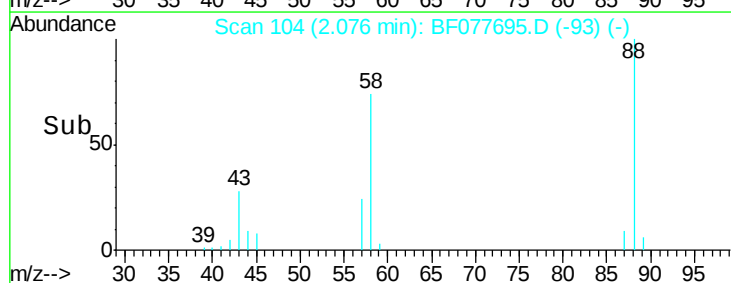
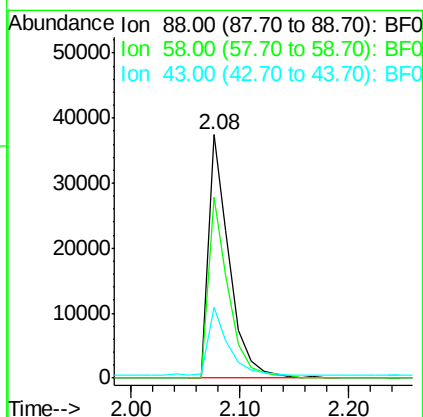
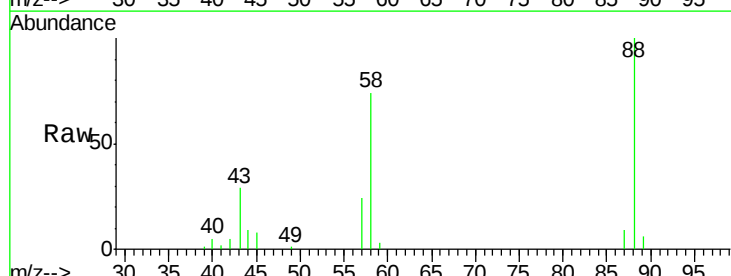
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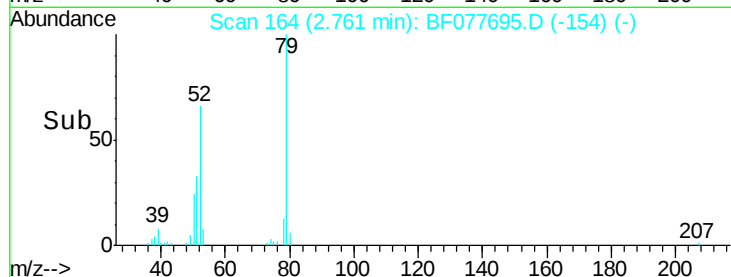
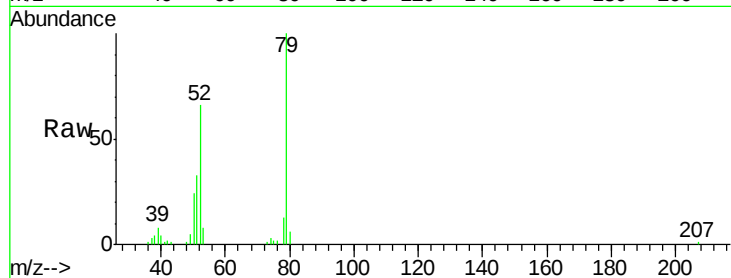
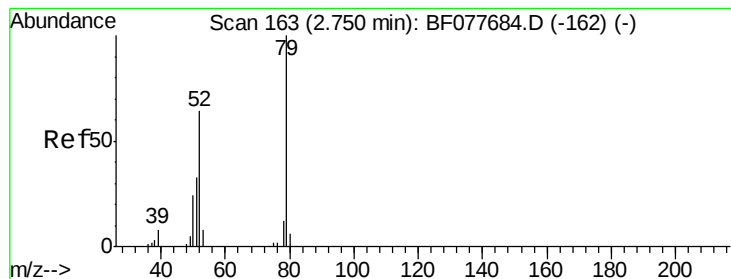


#2

1,4-Dioxane
Concen: 32.99 ng
RT: 2.08 min Scan# 104
Delta R.T. 0.02 min
Lab File: BF077695.D
Acq: 11 Mar 2015 19:03

Tgt Ion	Ratio	Lower	Upper
88	100		
58	72.1	0.0	0.0#
43	28.5	0.0	0.0#





#3

Pvridine

Concen: 36.83 ng

RT: 2.76 min Scan# 164

Delta R.T. 0.01 min

Lab File: BF077695.D

Acq: 11 Mar 2015 19:03

Tot Ion:	79	Resp:	148702
Ion Ratio	Lower	Upper	
79	100		
52	66.1	51.1	76.7
51	32.8	26.1	39.1

Instrument :

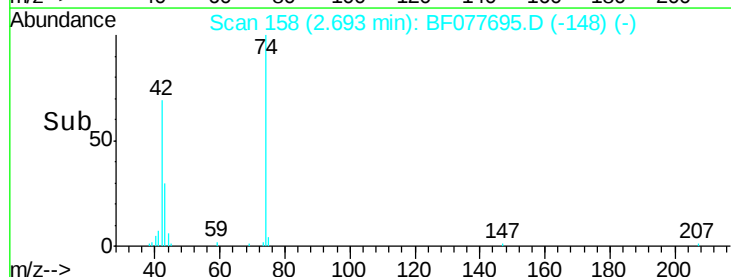
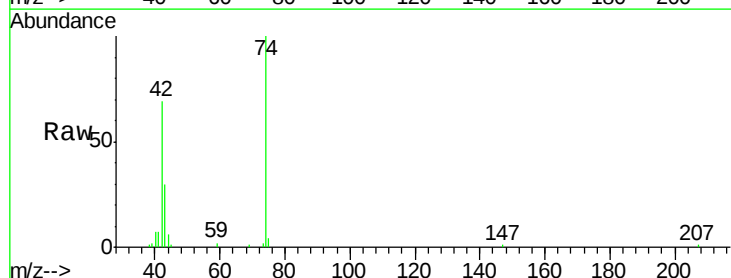
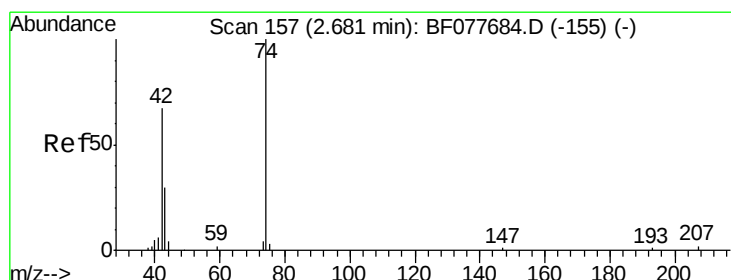
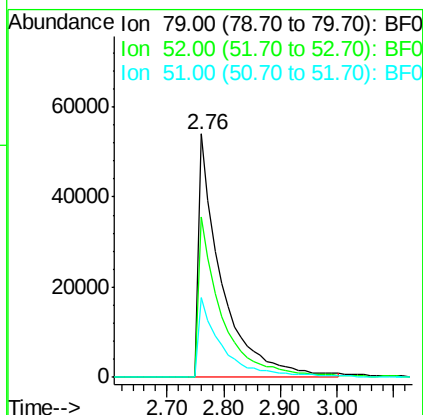
BNA_F

ClientSampleId :

PB82059BS

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#4

n-Nitrosodimethylamine

Concen: 35.78 ng

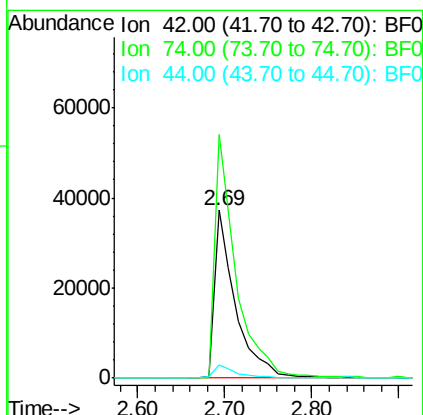
RT: 2.69 min Scan# 158

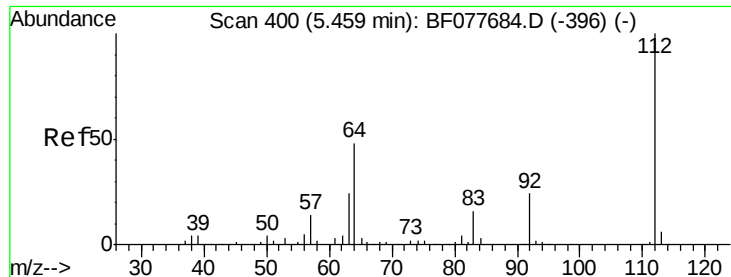
Delta R.T. 0.01 min

Lab File: BF077695.D

Acq: 11 Mar 2015 19:03

Tgt Ion:	42	Resp:	62902
Ion Ratio	Lower	Upper	
42	100		
74	144.9	119.3	178.9
44	8.0	5.4	8.2





#5

2-Fluorophenol

Concen: 126.58 ng

RT: 5.46 min Scan# 400

Delta R.T. 0.00 min

Lab File: BF077695.D

Acq: 11 Mar 2015 19:03

Instrument :

BNA_F

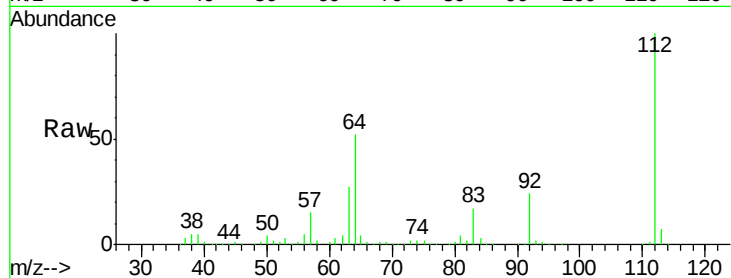
ClientSampleID :

PB82059BS

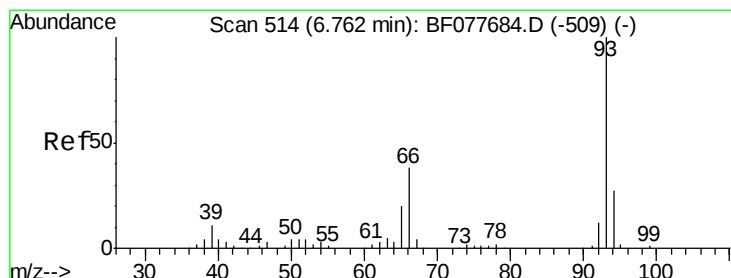
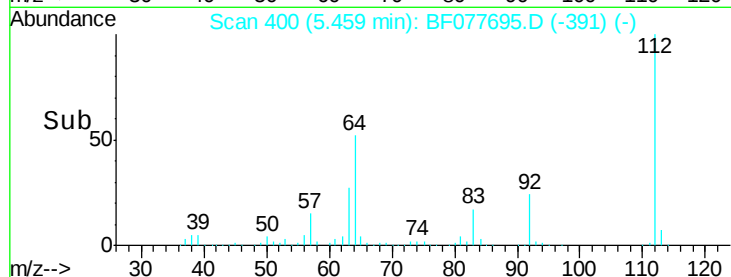
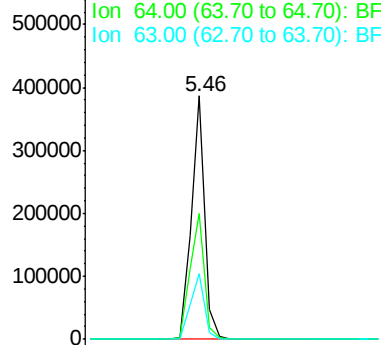
Tot Ion	Ion	Ratio	Resp	Lower	Upper
418886	112	100			
	64	51.9	38.6	57.8	
	63	26.7	19.3	28.9	

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Abundance Ion 112.00 (111.70 to 112.70): BF077684.D (-396) (-)



#6

Aniline

Concen: 16.43 ng

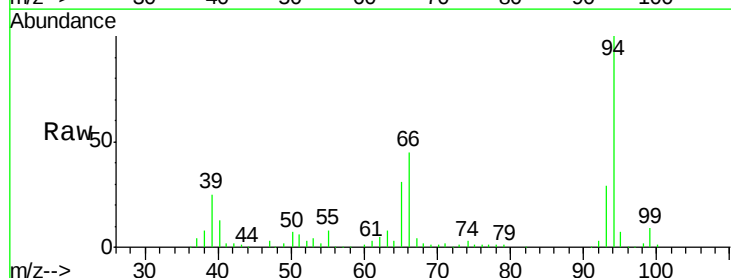
RT: 6.75 min Scan# 513

Delta R.T. -0.01 min

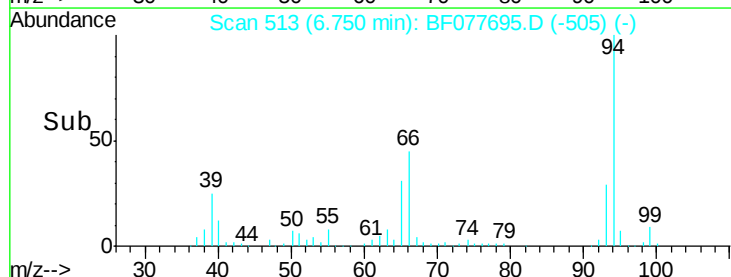
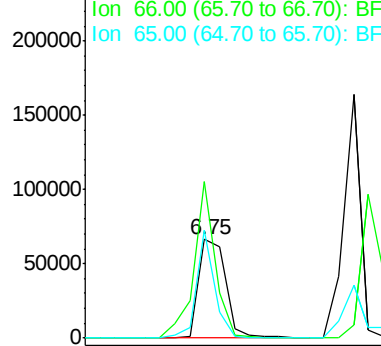
Lab File: BF077695.D

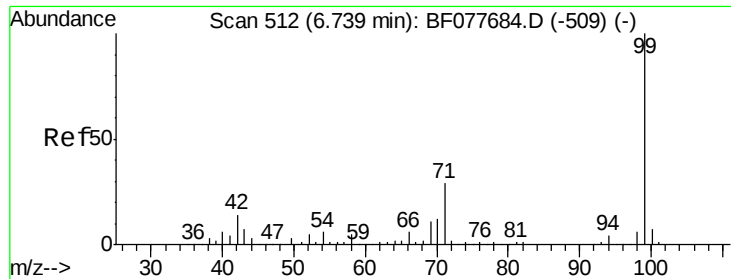
Acq: 11 Mar 2015 19:03

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
96111	93	100			
	66	157.8	30.8	46.2#	
	65	109.3	16.0	24.0#	



Abundance Ion 93.00 (92.70 to 93.70): BF077684.D (-509) (-)





#7

Phenol-d6

Concen: 131.30 ng

RT: 6.74 min Scan# 512

Delta R.T. 0.00 min

Lab File: BF077695.D

Acq: 11 Mar 2015 19:03

Instrument :

BNA_F

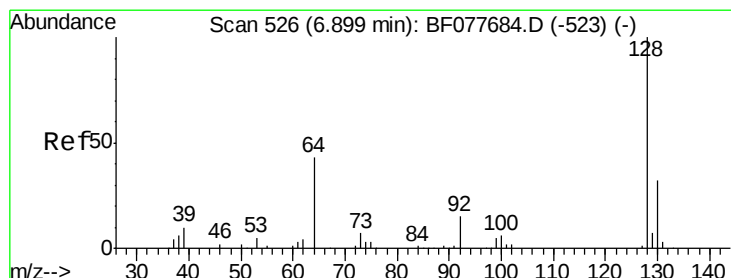
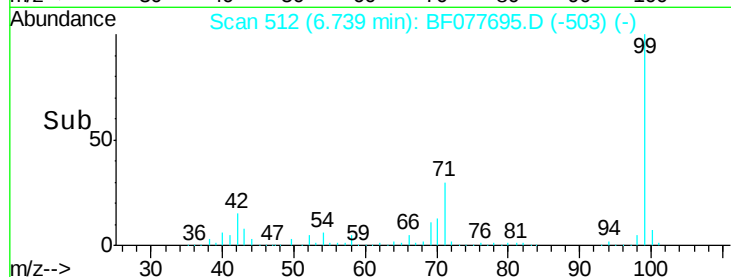
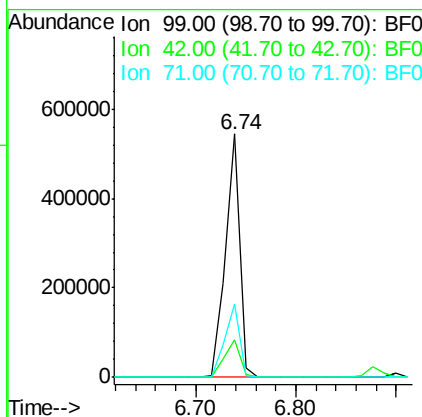
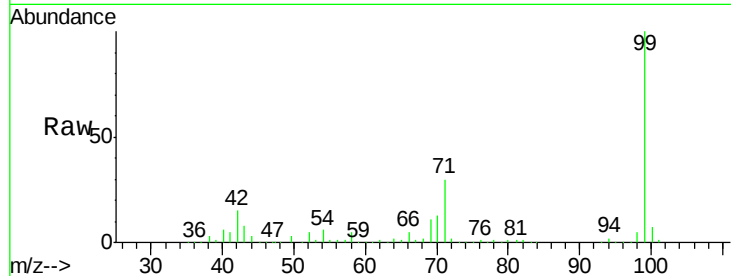
ClientSampleId :

PB82059BS

Tot Ion:	99	Resp:	536842
Ion Ratio	Lower	Upper	
99	100		
42	15.2	11.0	16.4
71	30.4	23.4	35.2

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#8

2-Chlorophenol

Concen: 40.72 ng

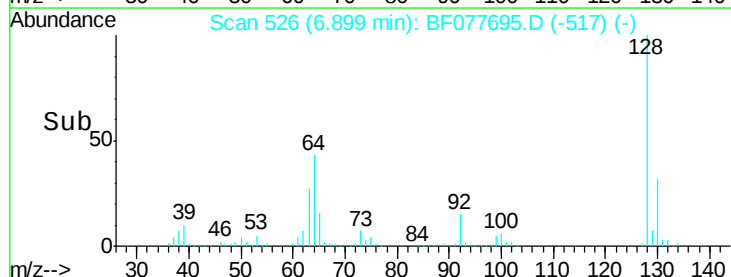
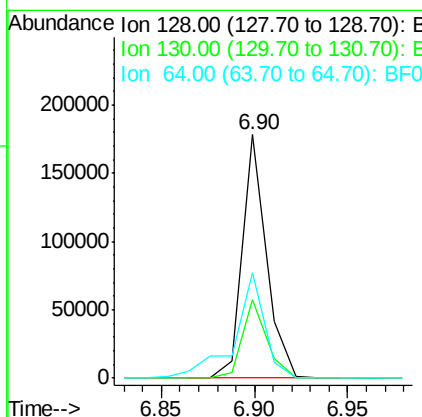
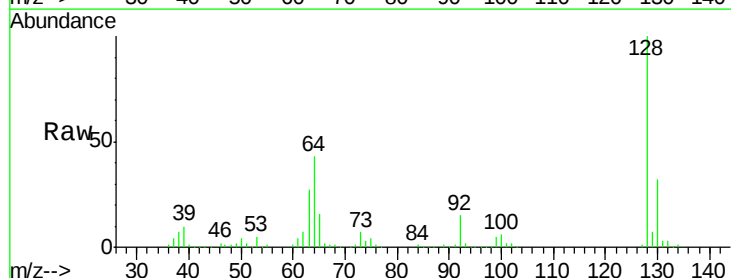
RT: 6.90 min Scan# 526

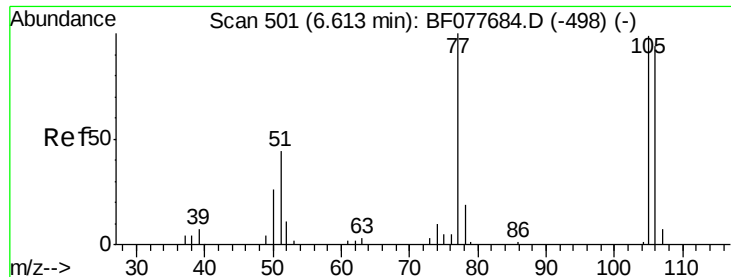
Delta R.T. 0.00 min

Lab File: BF077695.D

Acq: 11 Mar 2015 19:03

Tgt Ion:	128	Resp:	160401
Ion Ratio	Lower	Upper	
128	100		
130	32.0	12.0	52.0
64	43.1	24.9	64.9





#9

Benzaldehyde

Concen: 9.75 ng

RT: 6.61 min Scan# 501

Delta R.T. 0.00 min

Lab File: BF077695.D

Acq: 11 Mar 2015 19:03

Instrument :

BNA_F

ClientSampleId :

PB82059BS

Tot Ion: 77 Resp: 16332

Ion Ratio Lower Upper

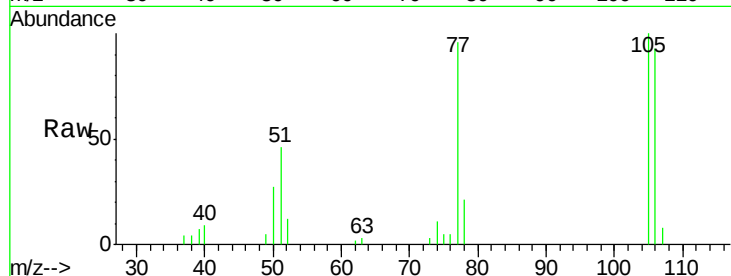
77 100

105 104.3 78.8 118.8

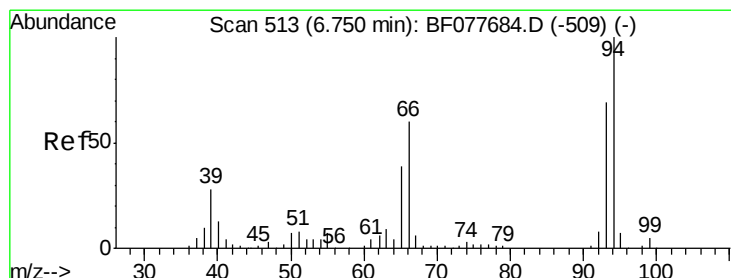
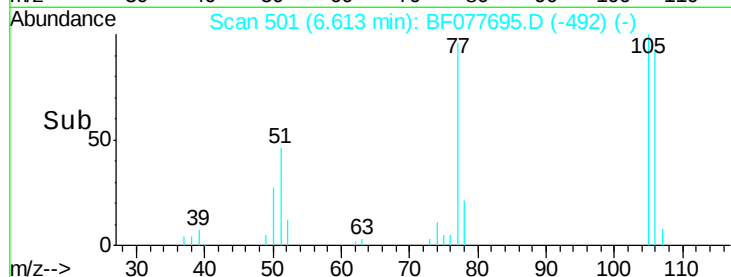
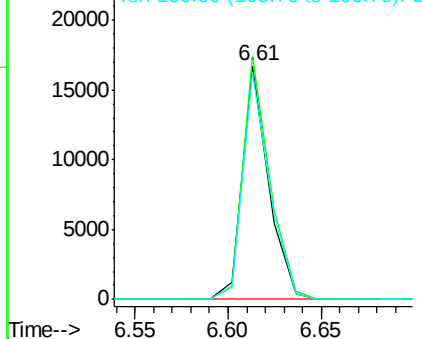
106 97.3 73.7 113.7

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Abundance Ion 77.00 (76.70 to 77.70): BF0
Ion 105.00 (104.70 to 105.70): BF0
Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 40.58 ng

RT: 6.75 min Scan# 513

Delta R.T. 0.00 min

Lab File: BF077695.D

Acq: 11 Mar 2015 19:03

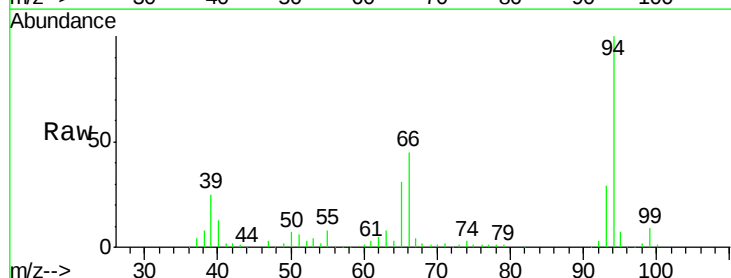
Tgt Ion: 94 Resp: 196114

Ion Ratio Lower Upper

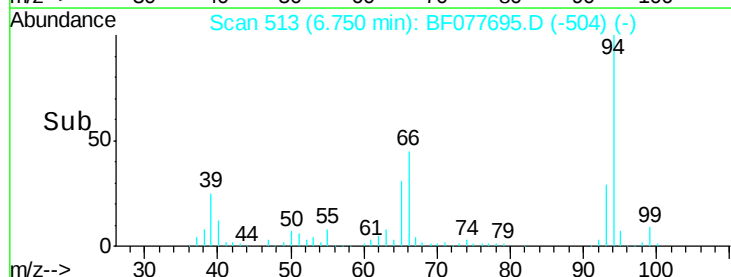
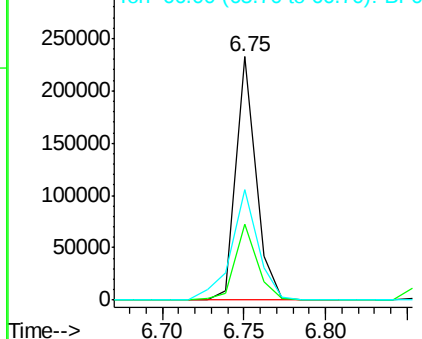
94 100

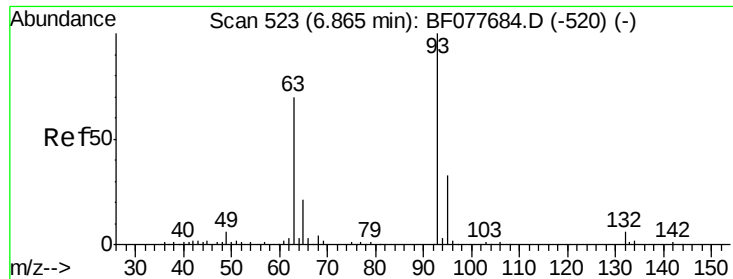
65 31.3 18.8 58.8

66 45.1 39.9 79.9



Abundance Ion 94.00 (93.70 to 94.70): BF0
Ion 65.00 (64.70 to 65.70): BF0
Ion 66.00 (65.70 to 66.70): BF0





#11

bis(2-Chloroethyl)ether

Concen: 40.84 ng

RT: 6.86 min Scan# 523

Delta R.T. 0.00 min

Lab File: BF077695.D

Acq: 11 Mar 2015 19:03

Instrument :

BNA_F

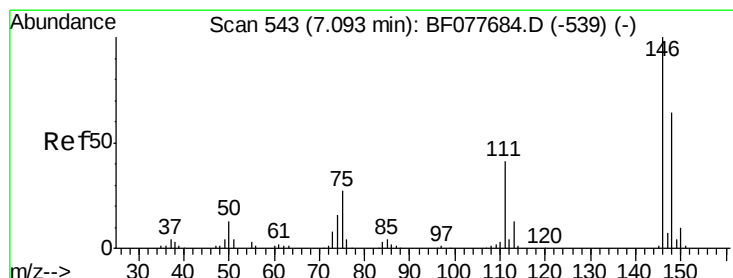
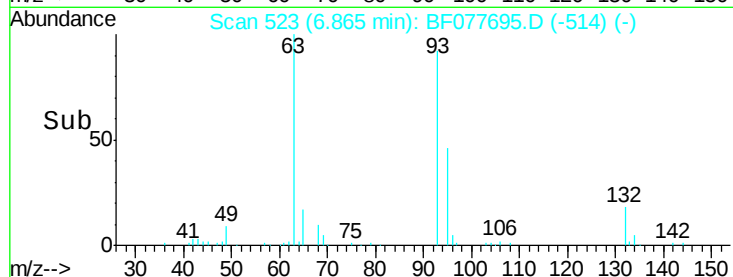
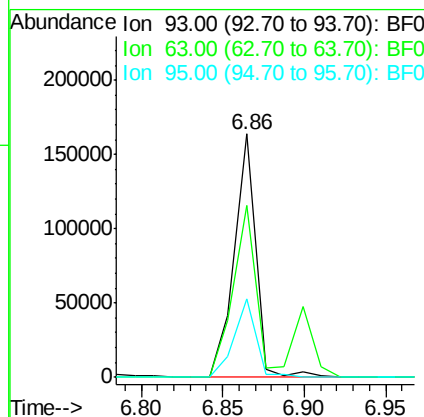
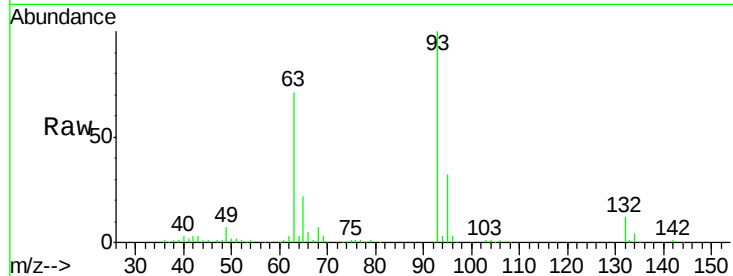
ClientSampleId :

PB82059BS

Tot Ion:	93	Resp:	147839
Ion Ratio	Lower	Upper	
93	100		
63	70.8	49.5	89.5
95	32.5	13.5	53.5

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#12

1,3-Dichlorobenzene

Concen: 38.06 ng

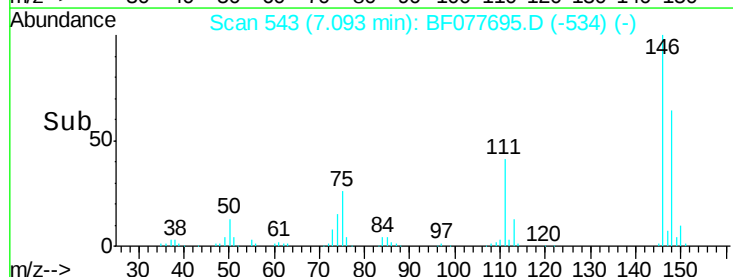
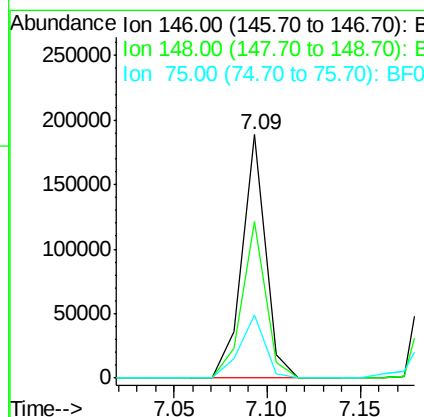
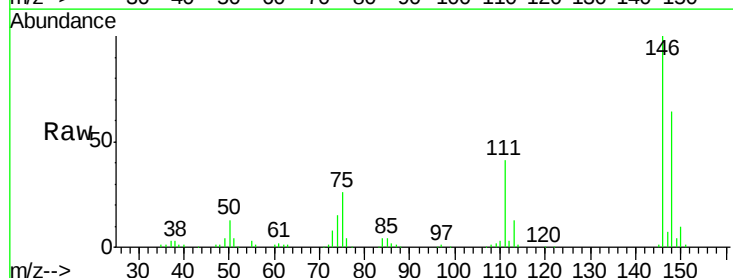
RT: 7.09 min Scan# 543

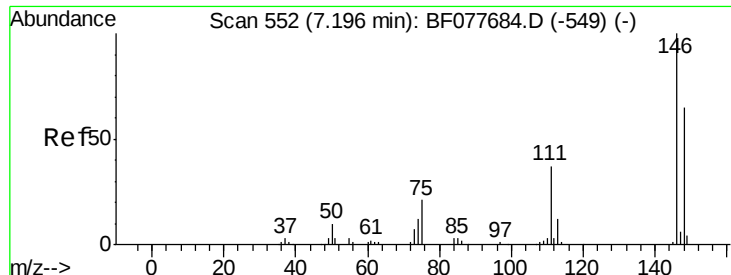
Delta R.T. 0.00 min

Lab File: BF077695.D

Acq: 11 Mar 2015 19:03

Tgt Ion:	146	Resp:	166744
Ion Ratio	Lower	Upper	
146	100		
148	64.3	50.9	76.3
75	25.8	21.4	32.2





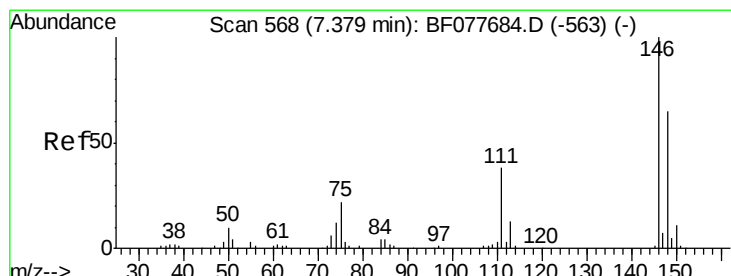
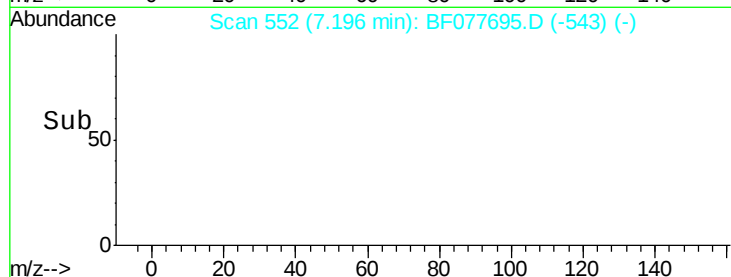
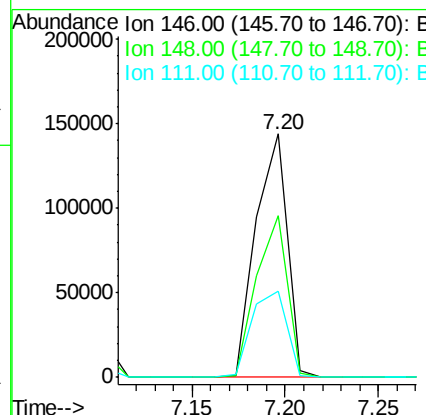
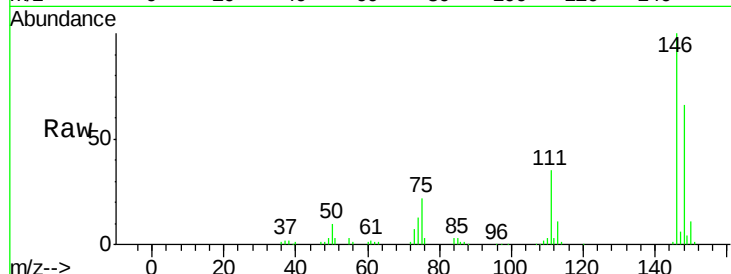
#13
 1,4-Dichlorobenzene
 Concen: 36.72 ng
 RT: 7.20 min Scan# 552
 Delta R.T. 0.00 min
 Lab File: BF077695.D
 Acq: 11 Mar 2015 19:03

Instrument :
 BNA_F
 ClientSampleId :
 PB82059BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	66.2	51.9	77.9
111	35.5	29.2	43.8

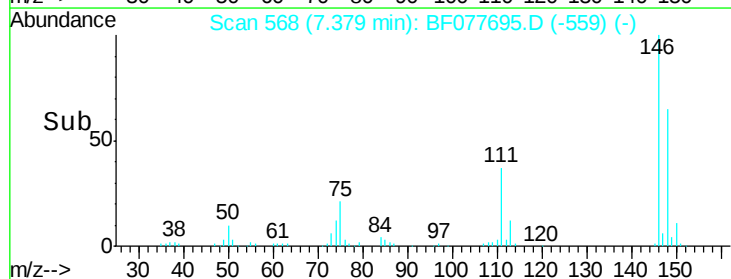
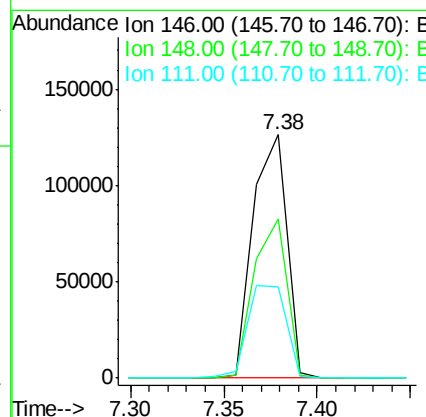
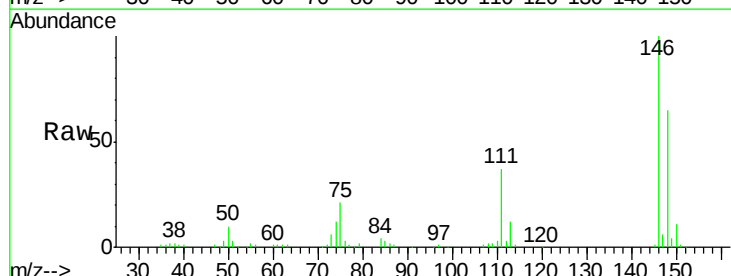
Manual Integrations
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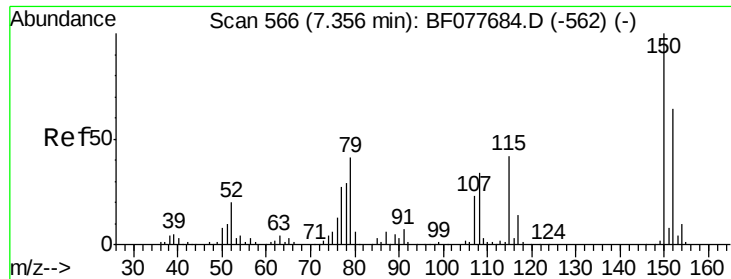
mohammad
 3/13/2015 9:40:25 AM



#14
 1,2-Dichlorobenzene
 Concen: 37.97 ng
 RT: 7.38 min Scan# 568
 Delta R.T. 0.00 min
 Lab File: BF077695.D
 Acq: 11 Mar 2015 19:03

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.1	52.3	78.5
111	37.3	30.6	45.8





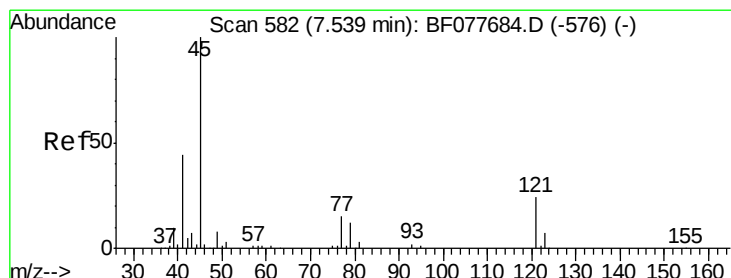
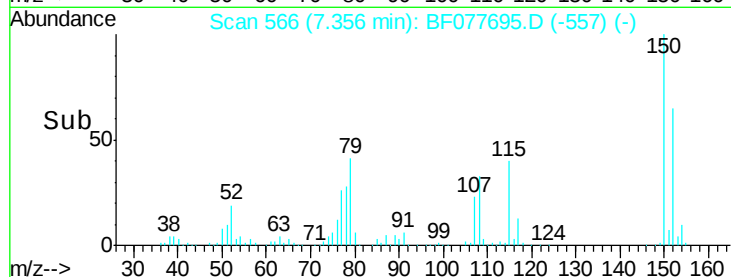
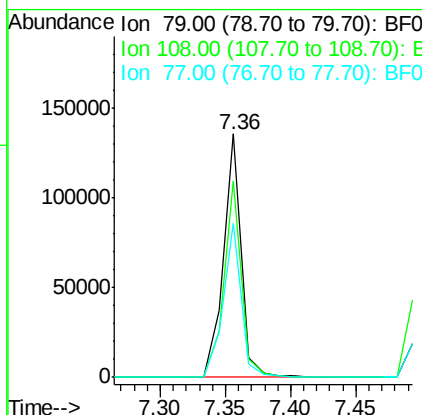
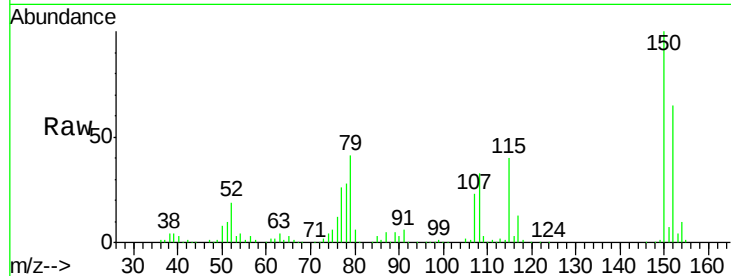
#15
Benzyl Alcohol
Concen: 40.35 ng
RT: 7.36 min Scan# 566
Delta R.T. 0.00 min
Lab File: BF077695.D
Acq: 11 Mar 2015 19:03

Instrument :
BNA_F
ClientSampleId :
PB82059BS

Tot Ion	Ratio	Lower	Upper
79	100		
108	80.5	65.0	97.4
77	63.0	53.0	79.6

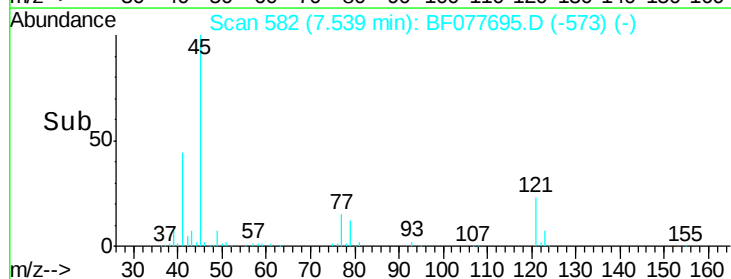
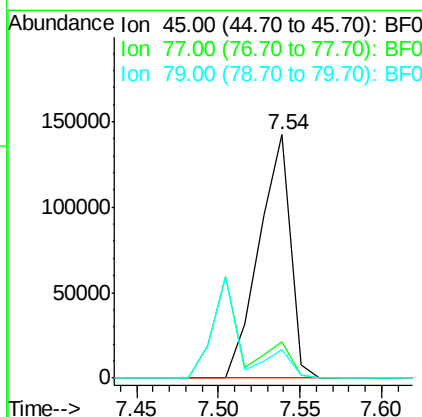
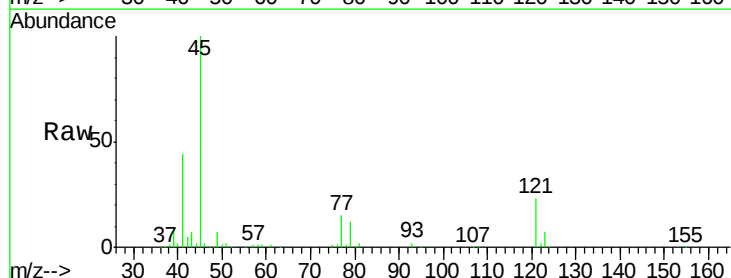
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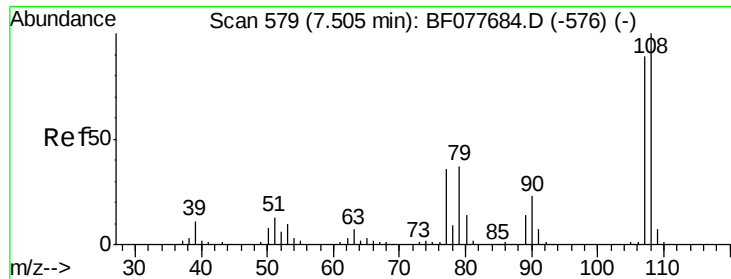
mohammad
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#16
2,2'-oxybis(1-chloropropane)
Concen: 38.98 ng
RT: 7.54 min Scan# 582
Delta R.T. 0.00 min
Lab File: BF077695.D
Acq: 11 Mar 2015 19:03

Tgt Ion	Ratio	Lower	Upper
45	100		
77	15.1	0.0	35.2
79	11.8	0.0	32.0





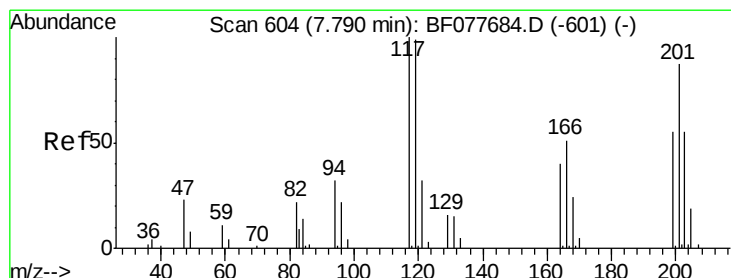
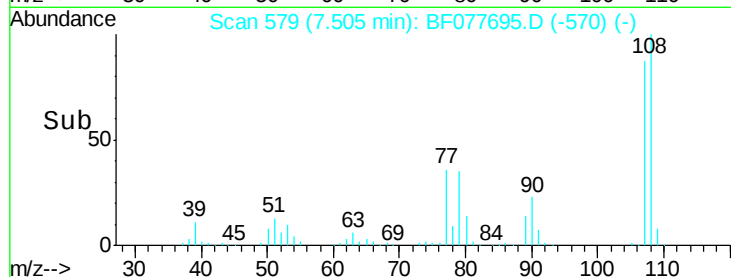
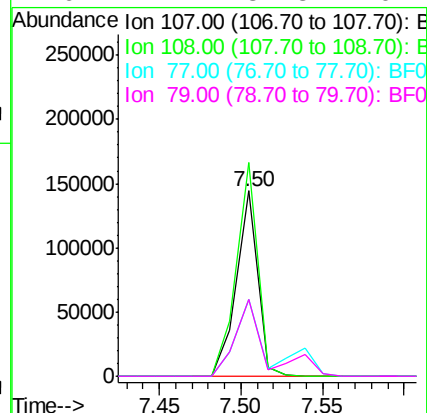
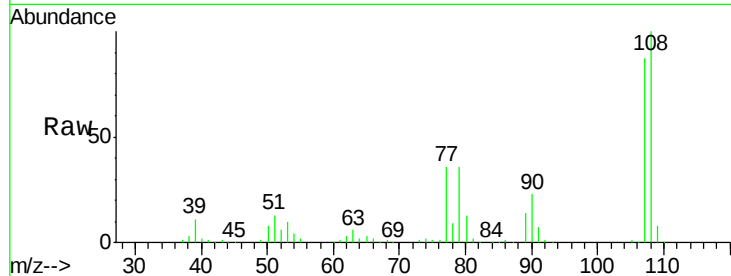
#17
2-Methylphenol
Concen: 40.36 ng
RT: 7.50 min Scan# 579
Delta R.T. 0.00 min
Lab File: BF077695.D
Acq: 11 Mar 2015 19:03

Instrument :
BNA_F
ClientSampleId :
PB82059BS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	115.2	89.8	134.8	
77	41.2	32.6	48.8	
79	41.2	32.8	49.2	

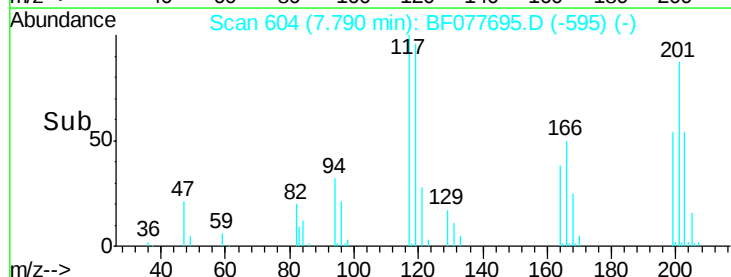
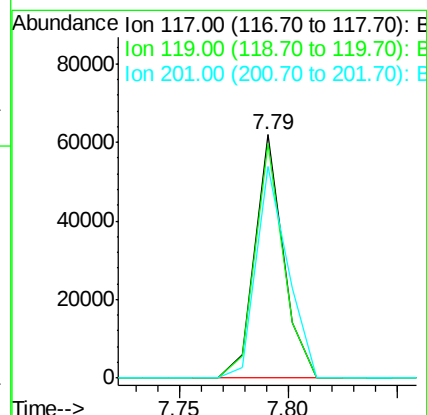
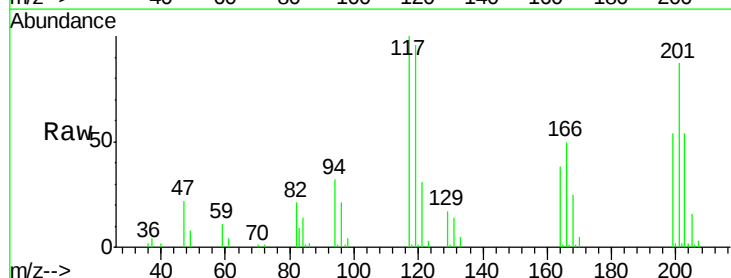
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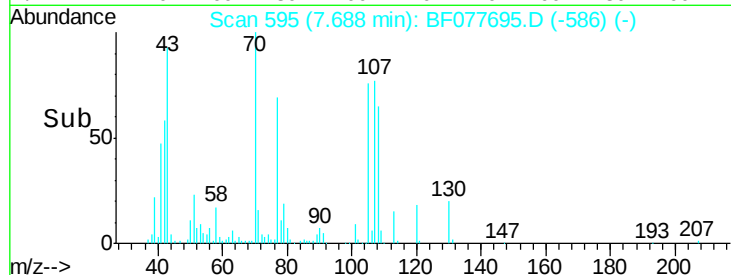
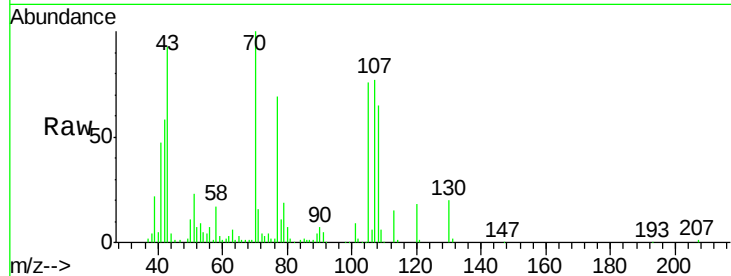
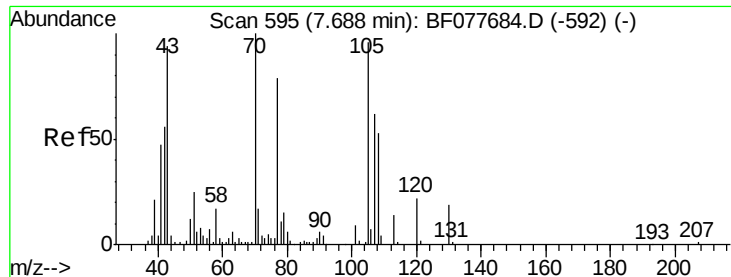
mohammad
3/13/2015 9:40:25 AM



#18
Hexachloroethane
Concen: 37.59 ng
RT: 7.79 min Scan# 604
Delta R.T. 0.00 min
Lab File: BF077695.D
Acq: 11 Mar 2015 19:03

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	96.4	79.2	118.8	
201	86.9	69.8	104.6	





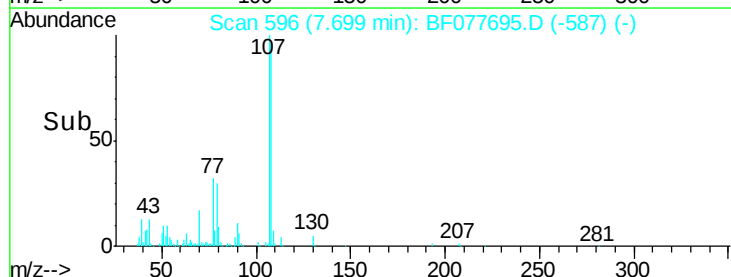
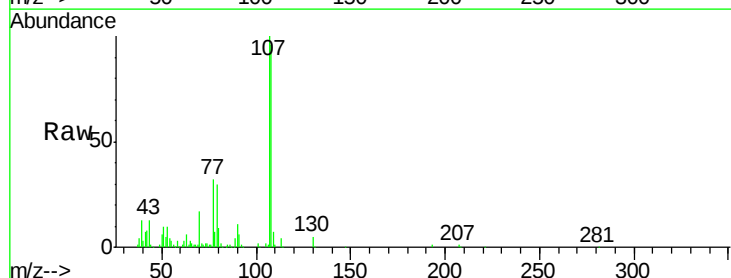
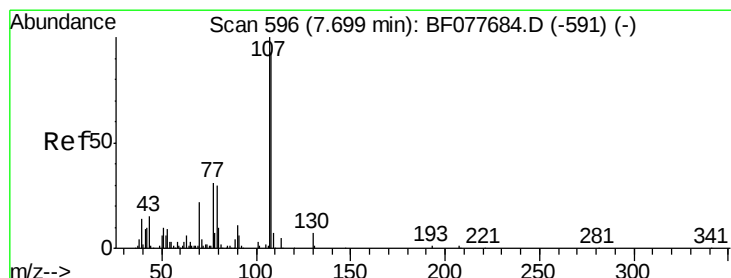
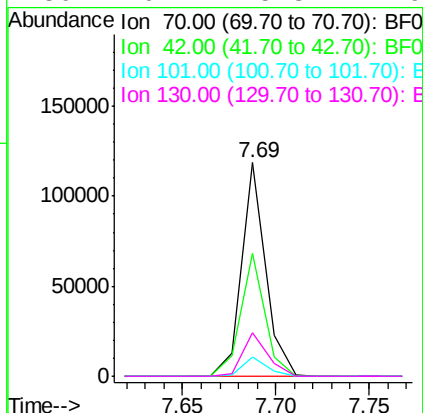
#19
n-Nitroso-di-n-propylamine
Concen: 37.43 ng
RT: 7.69 min Scan# 595
Delta R.T. 0.00 min
Lab File: BF077695.D
Acq: 11 Mar 2015 19:03

Instrument :
BNA_F
ClientSampleId :
PB82059BS

Manual Integrations
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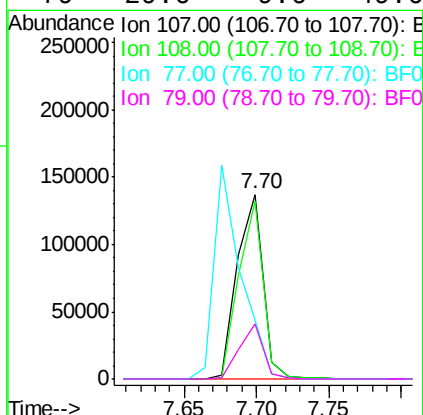
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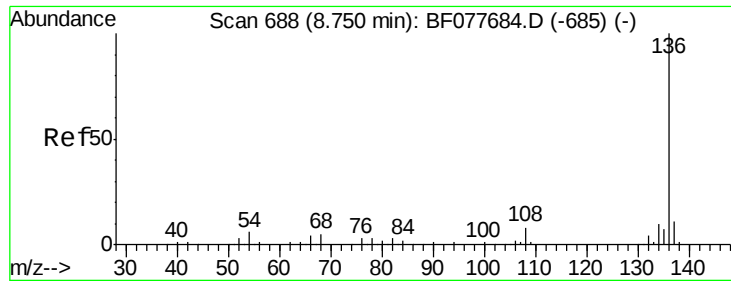
Tot Ion	Ratio	Lower	Upper
70	100		
42	57.6	44.5	66.7
101	9.2	7.4	11.2
130	20.2	15.3	22.9



#20
3+4-Methylphenols
Concen: 40.34 ng
RT: 7.70 min Scan# 596
Delta R.T. 0.00 min
Lab File: BF077695.D
Acq: 11 Mar 2015 19:03

Tgt Ion	Ratio	Lower	Upper
107	100		
108	96.1	73.2	113.2
77	31.6	10.7	50.7
79	29.6	9.6	49.6





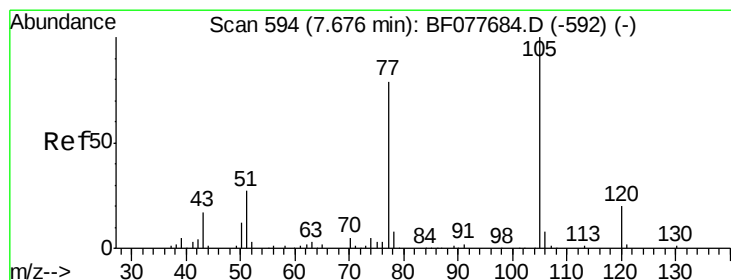
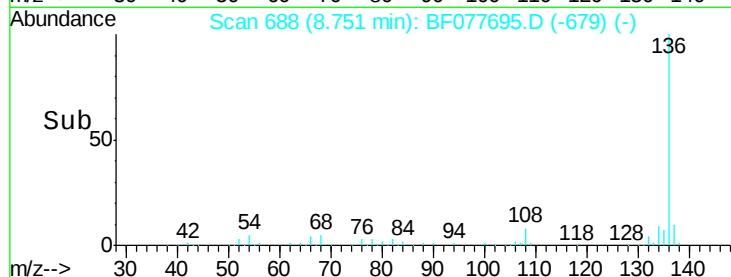
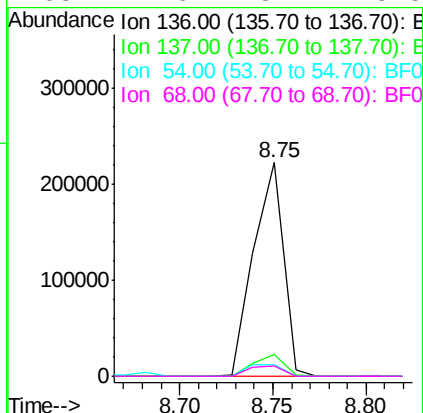
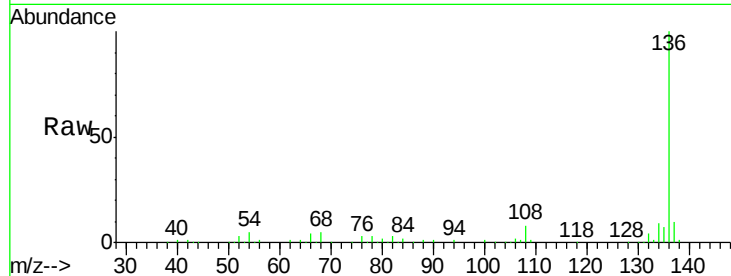
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.75 min Scan# 688
Delta R.T. 0.00 min
Lab File: BF077695.D
Acq: 11 Mar 2015 19:03

Instrument :
BNA_F
ClientSampleId :
PB82059BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	245320		
137	10.3		8.7	13.1
54	5.5		4.6	6.8
68	4.6		3.7	5.5

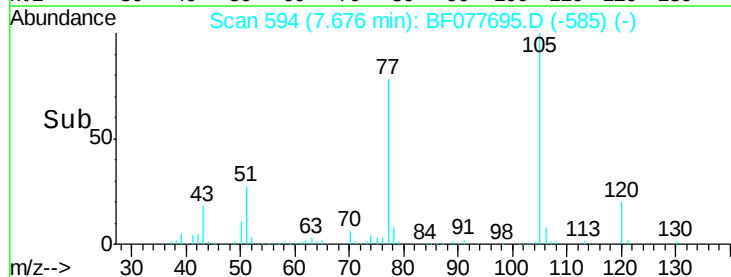
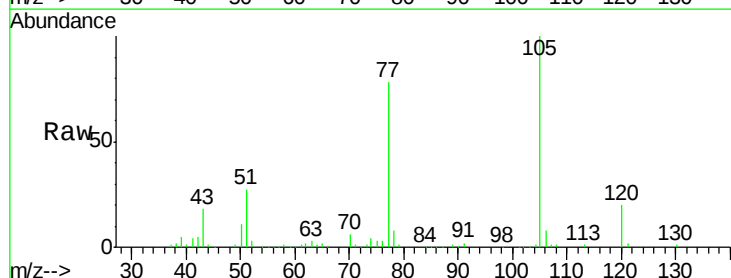
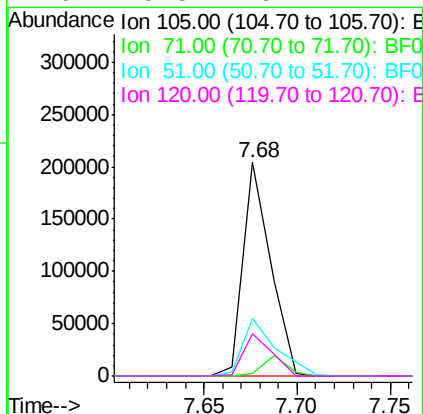
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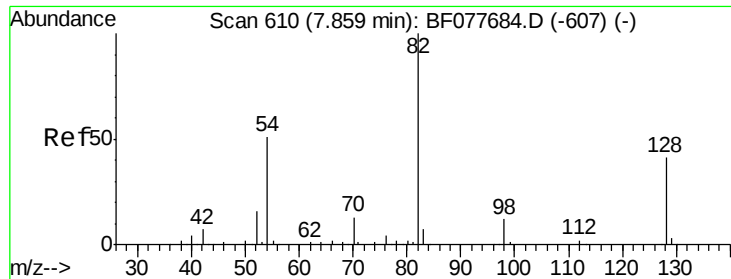
mohammad
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#22
Acetophenone
Concen: 38.72 ng
RT: 7.68 min Scan# 594
Delta R.T. 0.00 min
Lab File: BF077695.D
Acq: 11 Mar 2015 19:03

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	210262		
71	1.1		0.6	1.0#
51	26.8		21.6	32.4
120	19.8		16.1	24.1





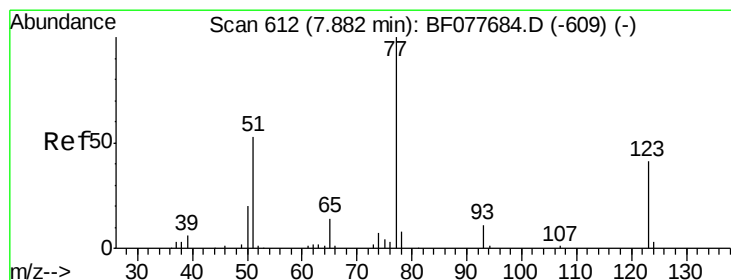
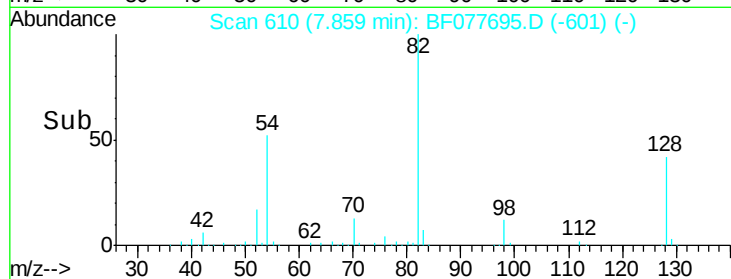
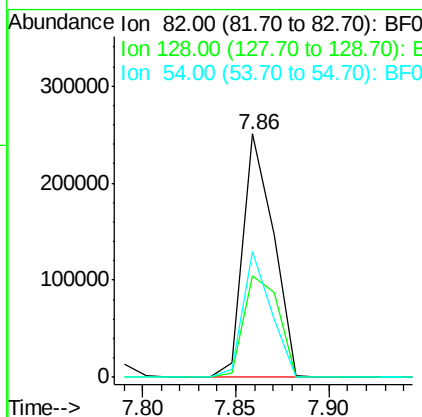
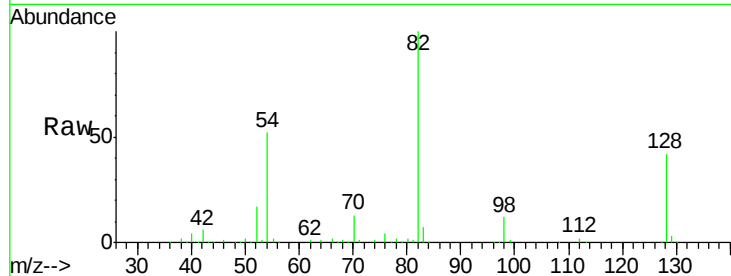
#23
 Nitrobenzene-d5
 Concen: 75.85 ng
 RT: 7.86 min Scan# 610
 Delta R.T. 0.00 min
 Lab File: BF077695.D
 Acq: 11 Mar 2015 19:03

Instrument :
 BNA_F
 ClientSampleId :
 PB82059BS

Tot Ion	Ratio	Resp	Lower	Upper
82	100	283863		
128	41.7		32.8	49.2
54	51.6		40.6	60.8

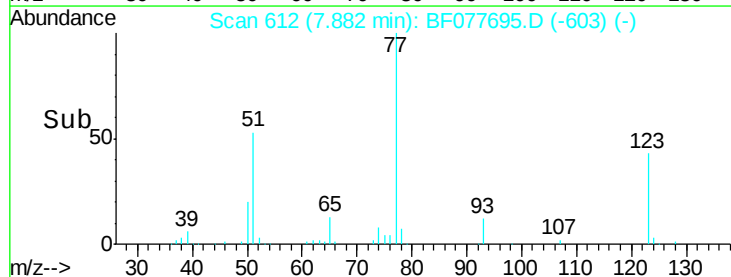
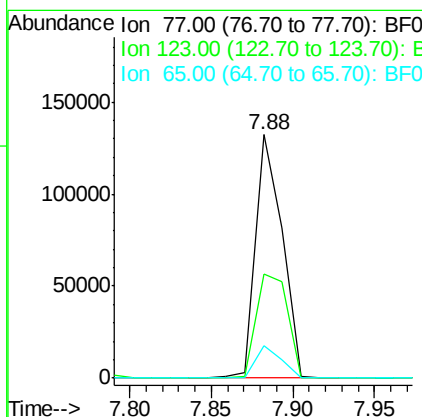
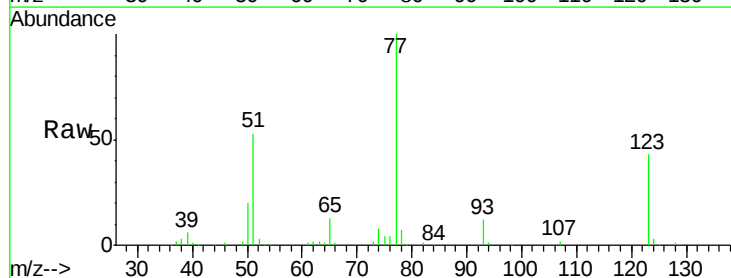
Manual Integrations
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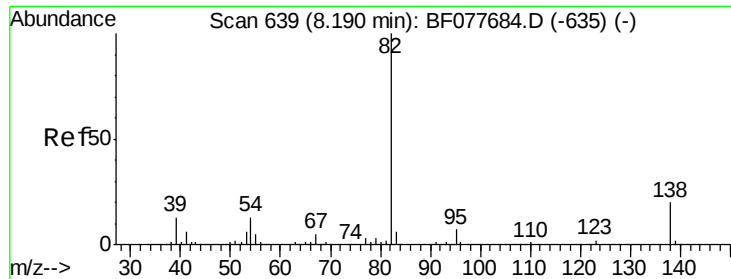
mohammad
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#24
 Nitrobenzene
 Concen: 37.11 ng
 RT: 7.88 min Scan# 612
 Delta R.T. 0.00 min
 Lab File: BF077695.D
 Acq: 11 Mar 2015 19:03

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	149613		
123	42.6		32.6	49.0
65	13.2		10.9	16.3





#25

Isophorone

Concen: 37.59 ng

RT: 8.19 min Scan# 639

Delta R.T. 0.00 min

Lab File: BF077695.D

Acq: 11 Mar 2015 19:03

Instrument :

BNA_F

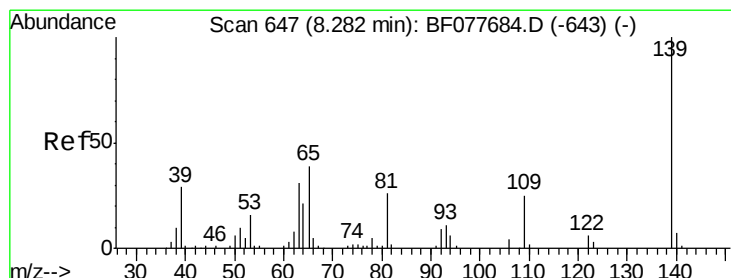
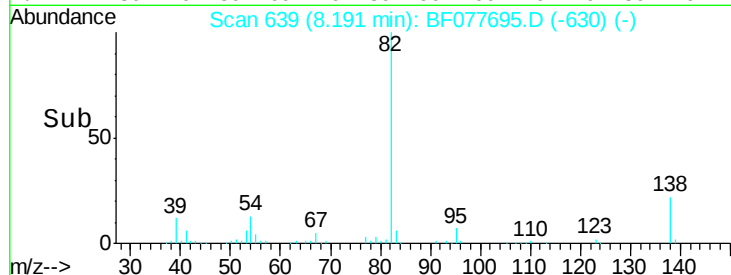
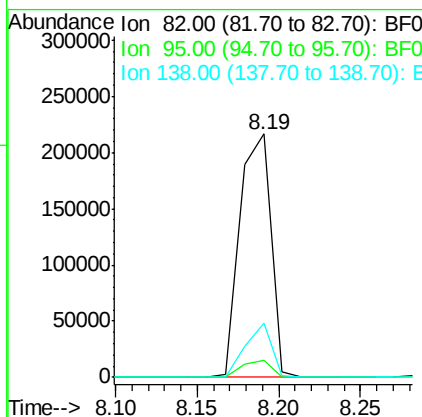
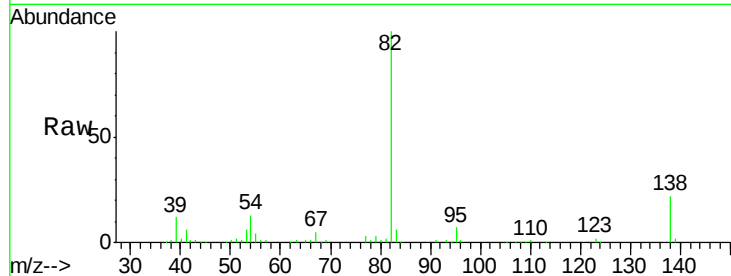
ClientSampleId :

PB82059BS

Tot Ion:	82	Resp:	284093
Ion Ratio		Lower	Upper
82	100		
95	7.2	5.8	8.6
138	22.2	16.3	24.5

Manual Integrations
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mohammad
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#26

2-Nitrophenol

Concen: 39.86 ng

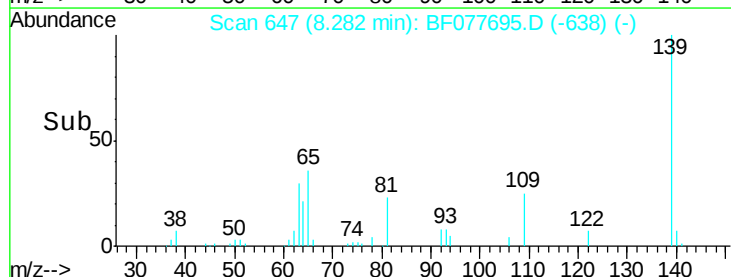
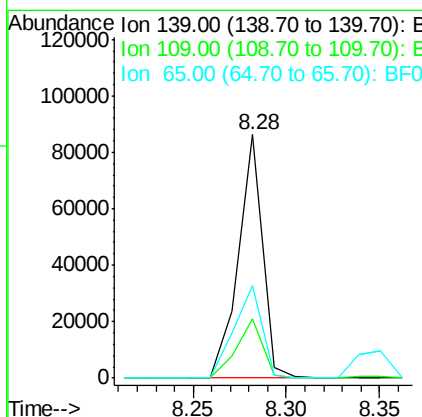
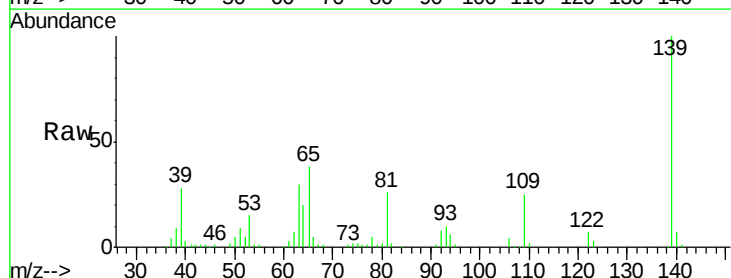
RT: 8.28 min Scan# 647

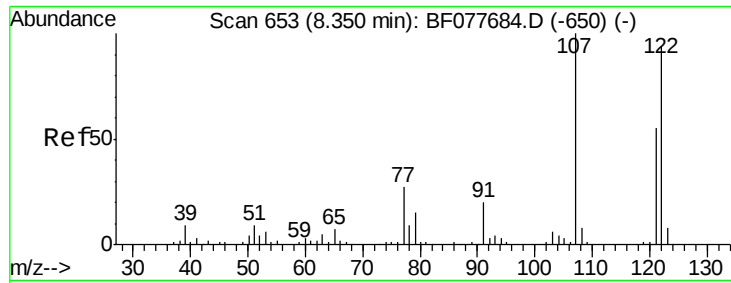
Delta R.T. 0.00 min

Lab File: BF077695.D

Acq: 11 Mar 2015 19:03

Tgt Ion:	139	Resp:	78687
Ion Ratio		Lower	Upper
139	100		
109	24.6	20.1	30.1
65	37.8	31.5	47.3





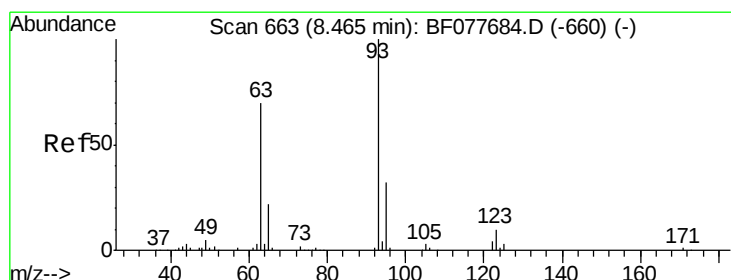
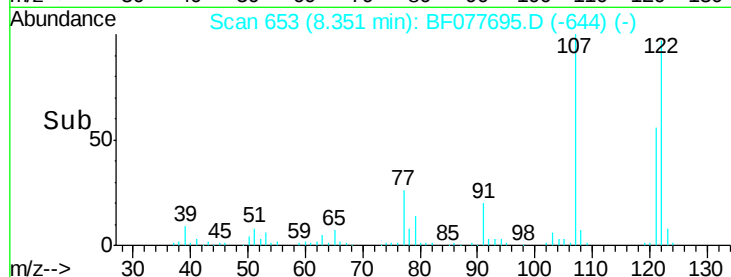
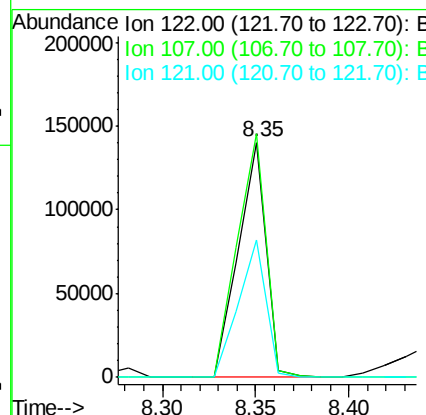
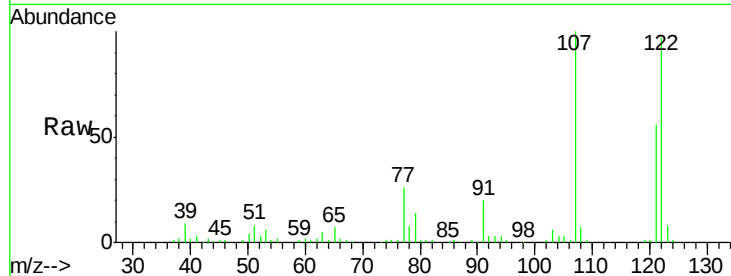
#27
 2,4-Dimethylphenol
 Concen: 40.86 ng
 RT: 8.35 min Scan# 653
 Delta R.T. 0.00 min
 Lab File: BF077695.D
 Acq: 11 Mar 2015 19:03

Instrument :
 BNA_F
 ClientSampleId :
 PB82059BS

Tot Ion	Ratio	Resp	Lower	Upper
122	100	146937		
107	103.6	84.7	127.1	
121	58.5	46.6	69.8	

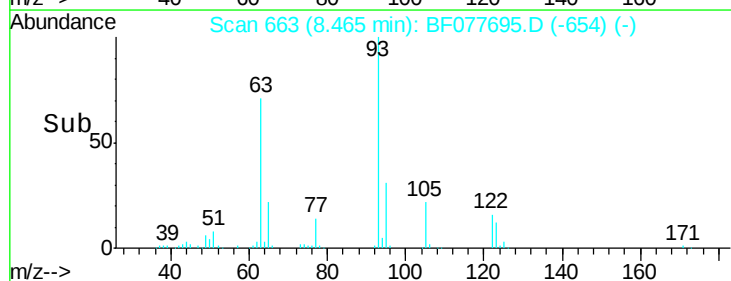
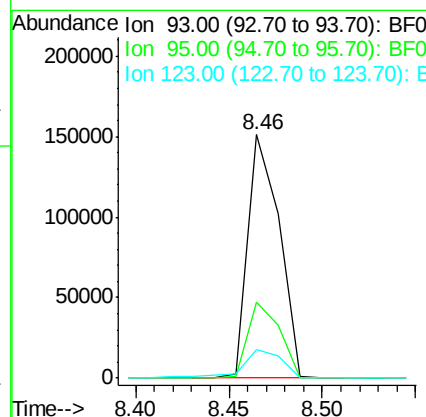
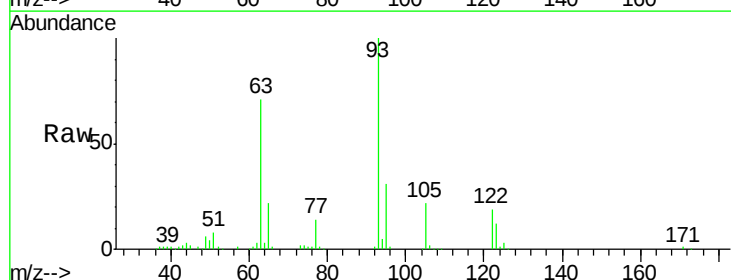
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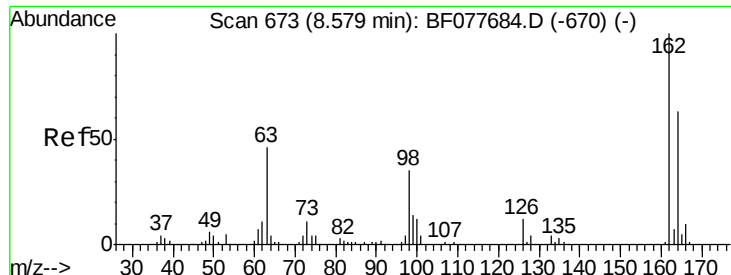
mohammad
 3/13/2015 9:40:25 AM



#28
 bis(2-Chloroethoxy)methane
 Concen: 38.50 ng
 RT: 8.46 min Scan# 663
 Delta R.T. 0.00 min
 Lab File: BF077695.D
 Acq: 11 Mar 2015 19:03

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	176611		
95	31.3	25.5	38.3	
123	11.9	8.6	13.0	





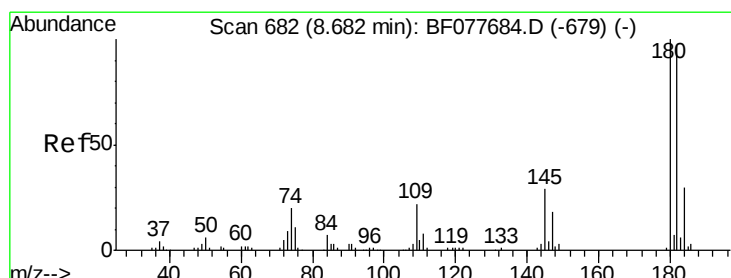
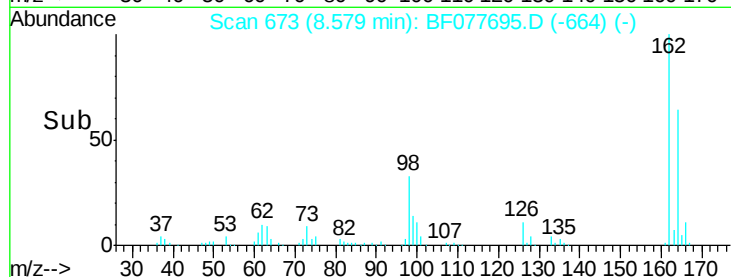
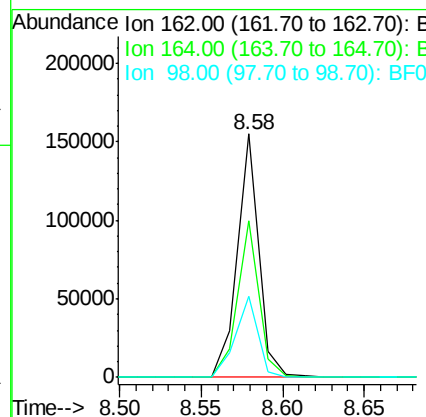
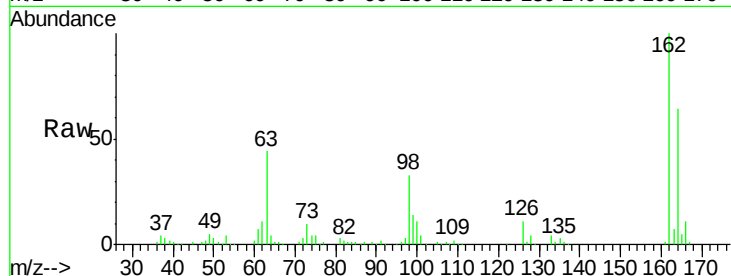
#29
 2,4-Dichlorophenol
 Concen: 40.89 ng
 RT: 8.58 min Scan# 673
 Delta R.T. 0.00 min
 Lab File: BF077695.D
 Acq: 11 Mar 2015 19:03

Instrument :
 BNA_F
 ClientSampleId :
 PB82059BS

Tot Ion:	162	Resp:	140169
Ion Ratio	Lower	Upper	
162	100		
164	64.3	42.8	82.8
98	33.3	14.5	54.5

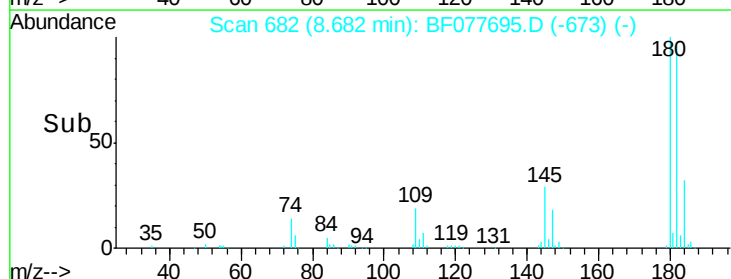
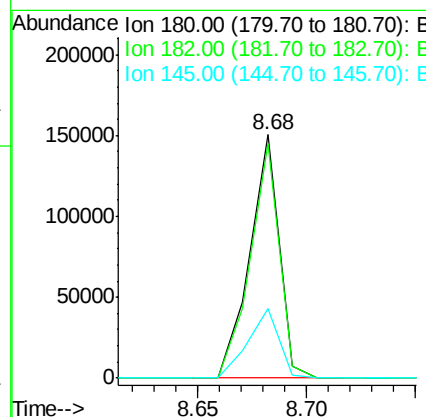
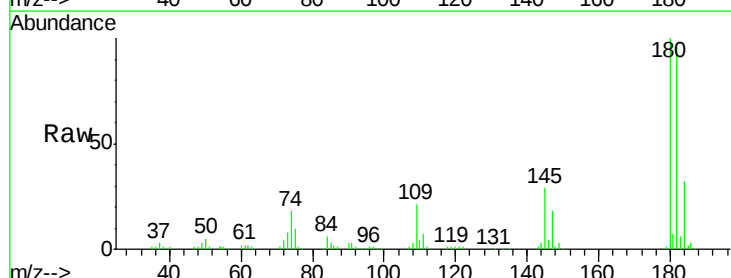
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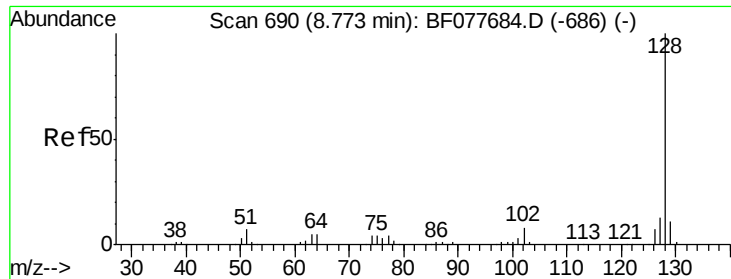
mohammad
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#30
 1,2,4-Trichlorobenzene
 Concen: 36.61 ng
 RT: 8.68 min Scan# 682
 Delta R.T. 0.00 min
 Lab File: BF077695.D
 Acq: 11 Mar 2015 19:03

Tgt Ion:	180	Resp:	140397
Ion Ratio	Lower	Upper	
180	100		
182	96.4	77.6	116.4
145	28.6	23.4	35.2





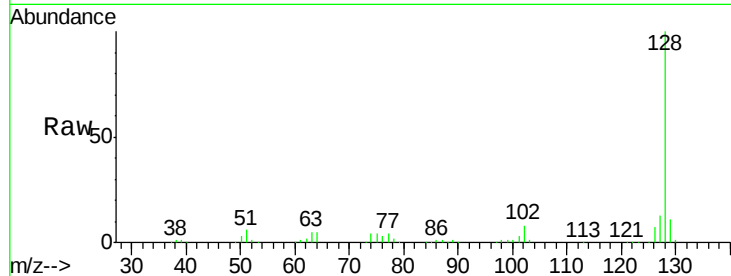
#31
Naphthalene
Concen: 37.19 ng
RT: 8.77 min Scan# 690
Delta R.T. 0.00 min
Lab File: BF077695.D
Acq: 11 Mar 2015 19:03

Instrument :
BNA_F
ClientSampleId :
PB82059BS

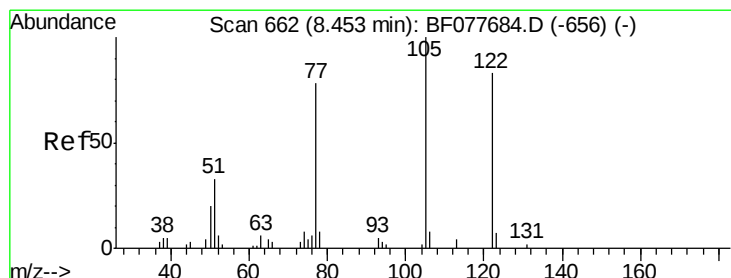
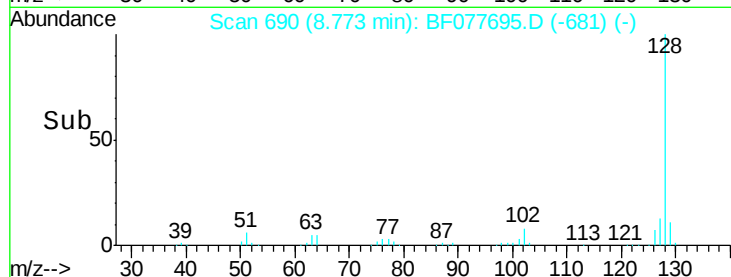
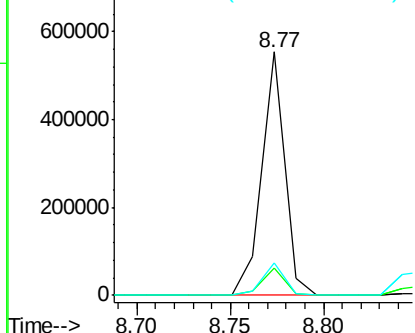
Tot Ion	Ratio	Resp	Lower	Upper
128	100	468627		
129	11.0		8.9	13.3
127	13.2		10.4	15.6

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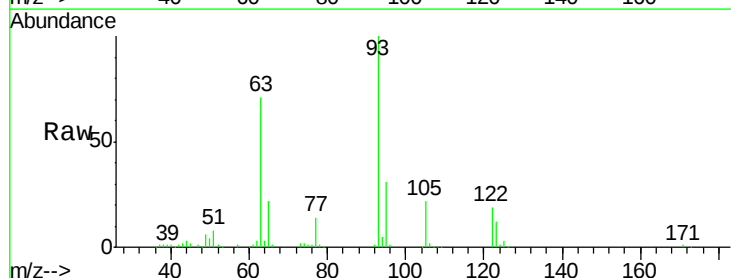


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

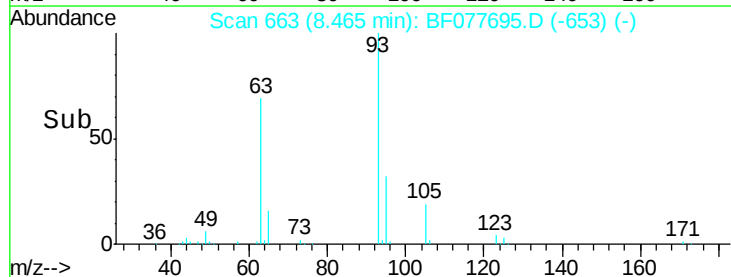
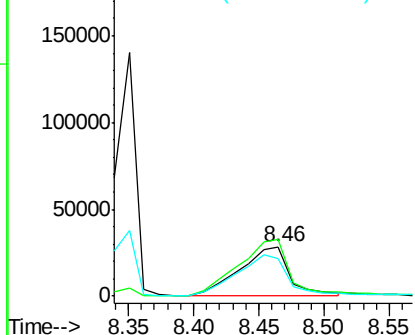


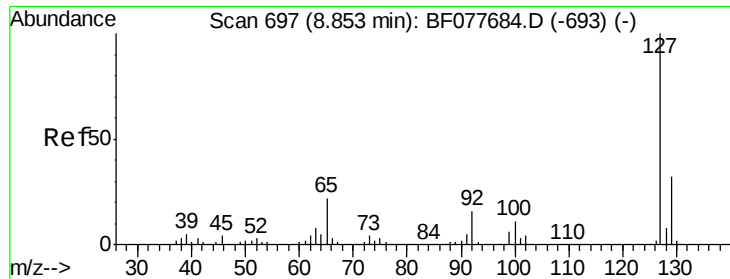
#32
Benzoic acid
Concen: 38.70 ng
RT: 8.46 min Scan# 663
Delta R.T. 0.01 min
Lab File: BF077695.D
Acq: 11 Mar 2015 19:03

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	76343		
105	114.7		99.9	139.9
77	77.1		73.7	113.7



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





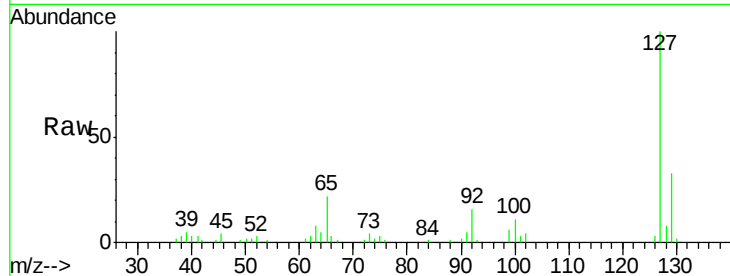
#33
4-Chloroaniline
Concen: 15.11 ng
RT: 8.85 min Scan# 697
Delta R.T. 0.00 min
Lab File: BF077695.D
Acq: 11 Mar 2015 19:03

Instrument :
BNA_F
ClientSampleId :
PB82059BS

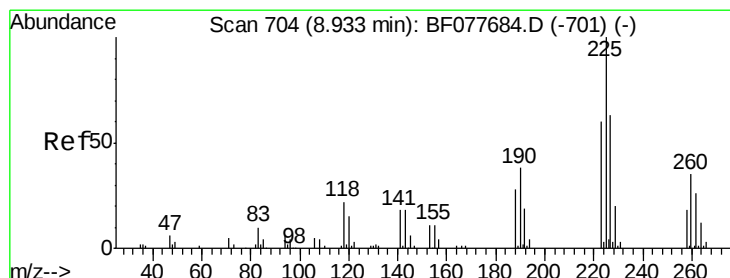
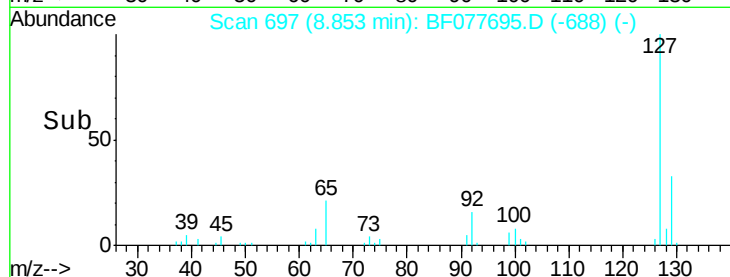
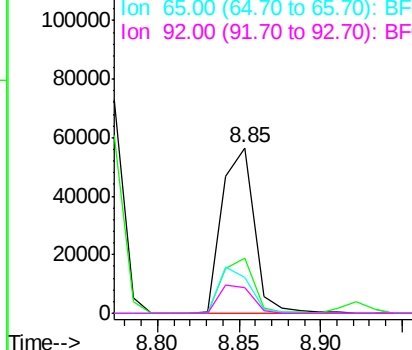
Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100		77252		
129	33.3	25.3	37.9		
65	21.8	17.6	26.4		
92	15.6	13.1	19.7		

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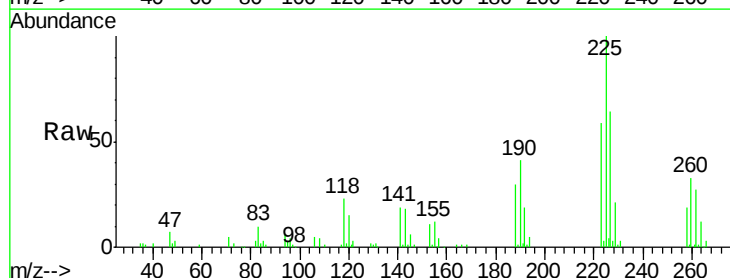


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

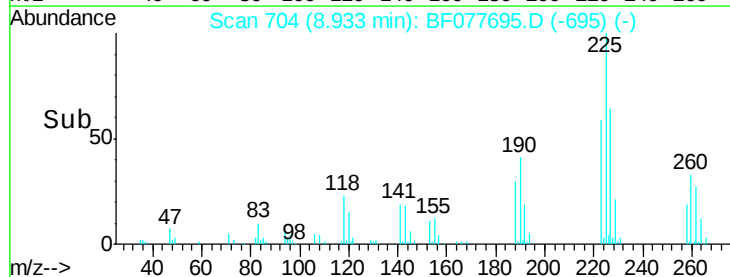
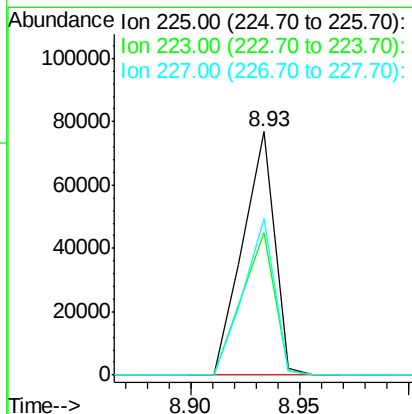


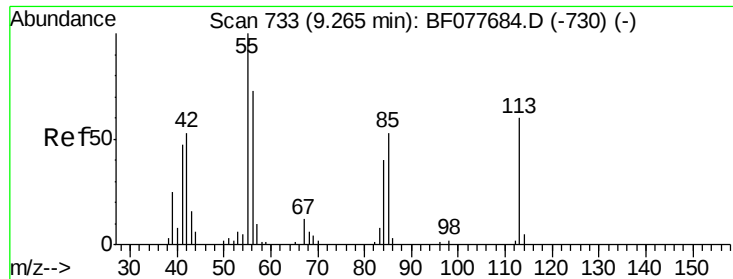
#34
Hexachlorobutadiene
Concen: 35.86 ng
RT: 8.93 min Scan# 704
Delta R.T. 0.00 min
Lab File: BF077695.D
Acq: 11 Mar 2015 19:03

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100		77948		
223	58.7	47.9	71.9		
227	64.2	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





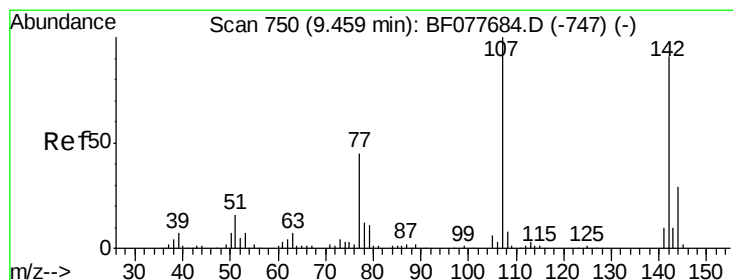
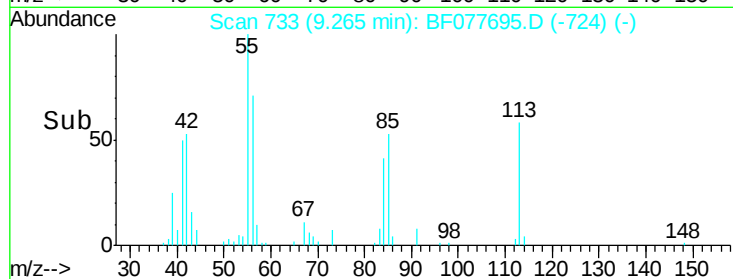
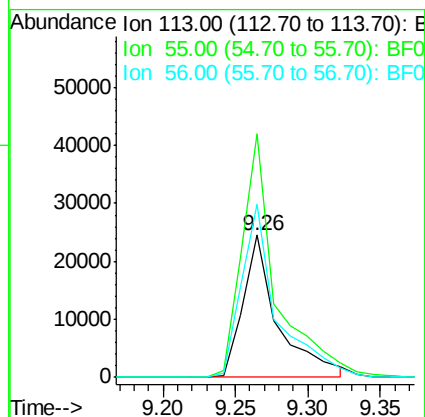
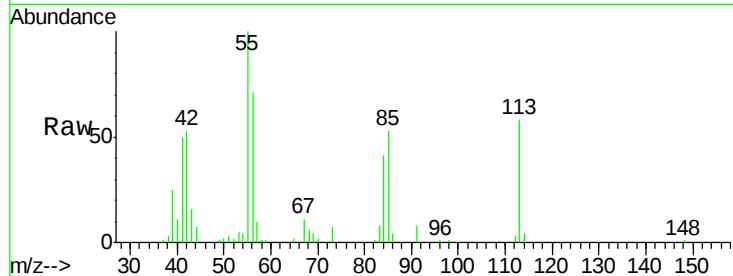
#35
 Caprolactam
 Concen: 41.08 ng
 RT: 9.26 min Scan# 733
 Delta R.T. 0.00 min
 Lab File: BF077695.D
 Acq: 11 Mar 2015 19:03

Instrument :
 BNA_F
 ClientSampleId :
 PB82059BS

Tot Ion	Ratio	Lower	Upper
113	100		
55	171.0	145.9	185.9
56	121.6	101.0	141.0

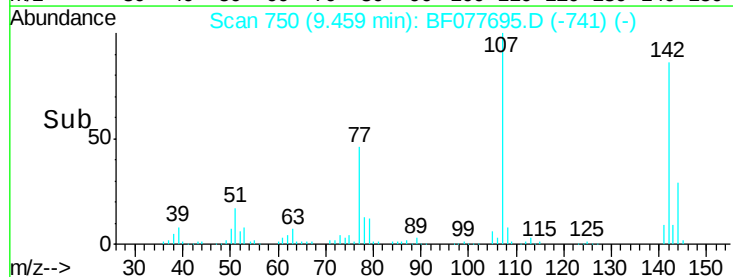
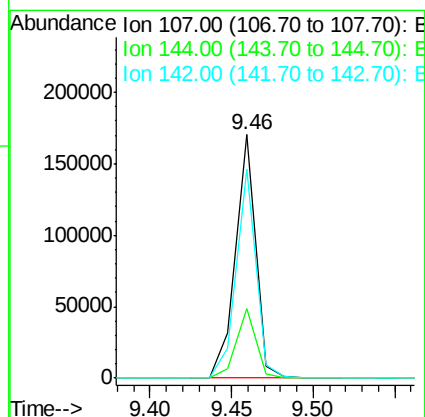
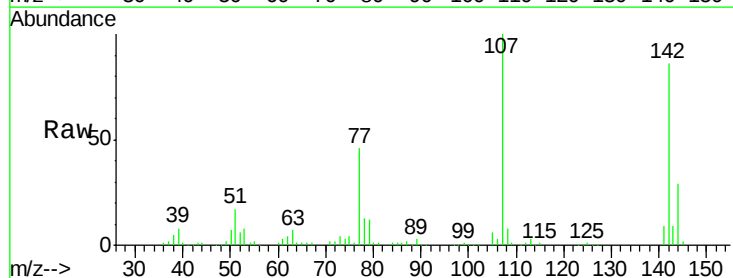
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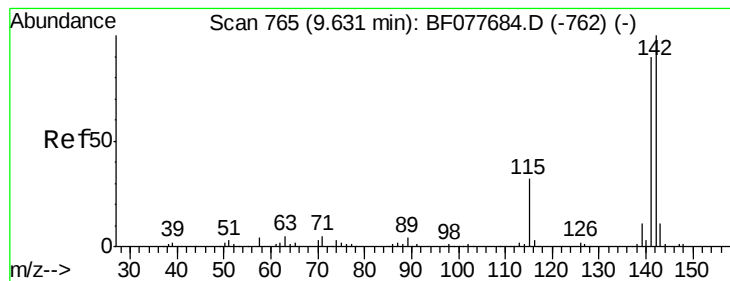
mohammad
 3/13/2015 9:40:25 AM



#36
 4-Chloro-3-methylphenol
 Concen: 42.38 ng
 RT: 9.46 min Scan# 750
 Delta R.T. 0.00 min
 Lab File: BF077695.D
 Acq: 11 Mar 2015 19:03

Tgt Ion	Ratio	Lower	Upper
107	100		
144	28.6	23.3	34.9
142	86.0	72.6	109.0





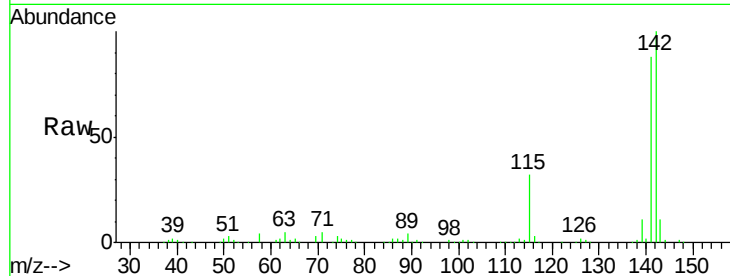
#37
2-Methylnaphthalene
Concen: 38.67 ng
RT: 9.63 min Scan# 765
Delta R.T. 0.00 min
Lab File: BF077695.D
Acq: 11 Mar 2015 19:03

Instrument :
BNA_F
ClientSampleId :
PB82059BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.5	71.9	107.9
115	31.8	25.4	38.0

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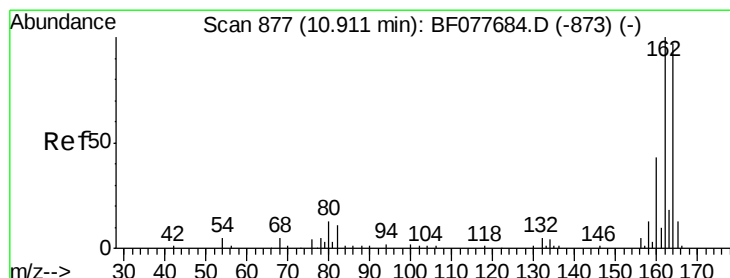
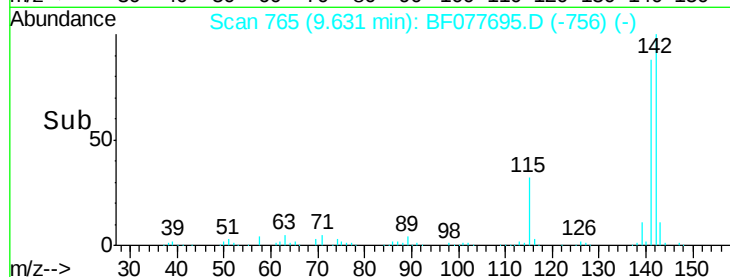
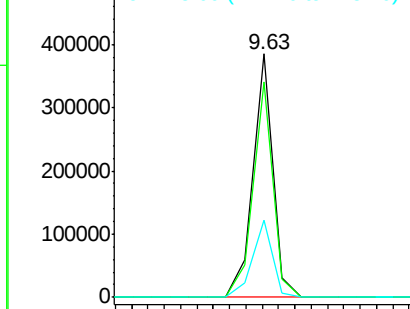


Abundance

Ion 142.00 (141.70 to 142.70): E

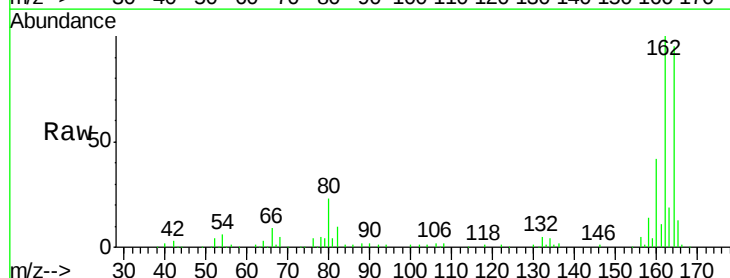
Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.91 min Scan# 877
Delta R.T. 0.00 min
Lab File: BF077695.D
Acq: 11 Mar 2015 19:03

Tgt Ion	Ratio	Lower	Upper
164	100		
162	105.4	82.4	123.6
160	44.6	35.8	53.6

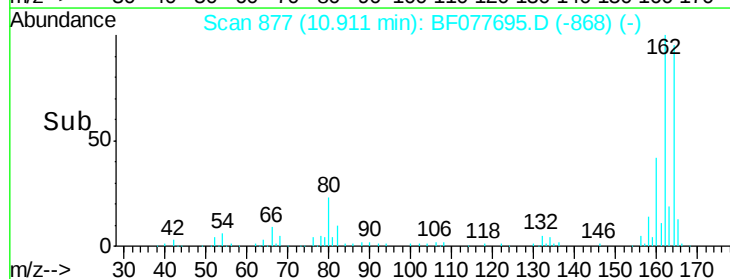
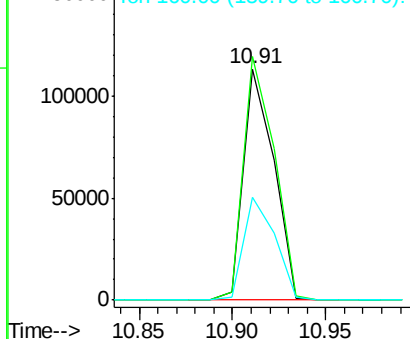


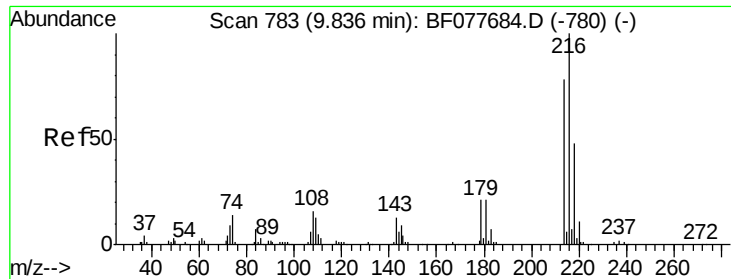
Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#39

1,2,4,5-Tetrachlorobenzene

Concen: 38.35 ng

RT: 9.84 min Scan# 783

Delta R.T. 0.00 min

Lab File: BF077695.D

Acq: 11 Mar 2015 19:03

Instrument :

BNA_F

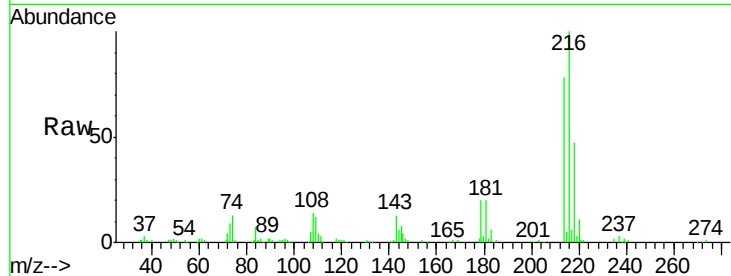
ClientSampleId :

PB82059BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
216	100				
214	78.7	0.0	0.0#		
179	20.6	0.0	0.0#		
108	19.6	0.0	0.0#		

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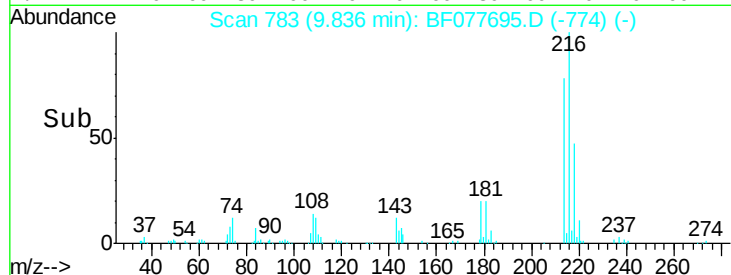
Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

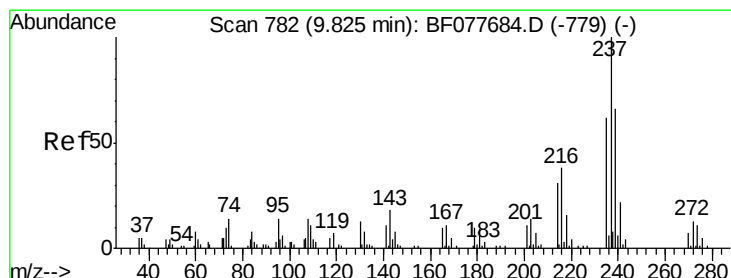
Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E

Time-->



Time-->



#40

Hexachlorocyclopentadiene

Concen: 75.16 ng

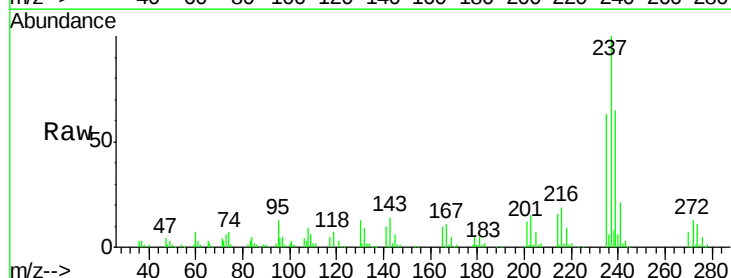
RT: 9.82 min Scan# 782

Delta R.T. 0.00 min

Lab File: BF077695.D

Acq: 11 Mar 2015 19:03

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
237	100				
235	63.1	42.0	82.0		
272	13.4	0.0	33.4		

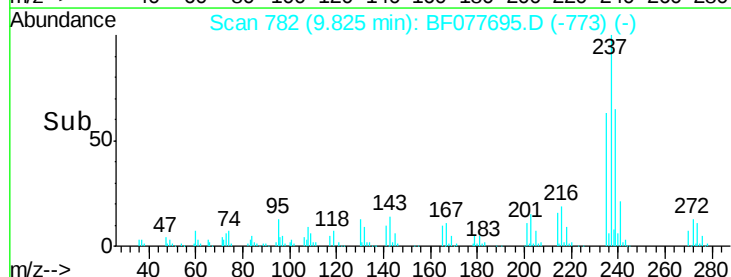


Abundance Ion 236.80 (236.50 to 237.50): E

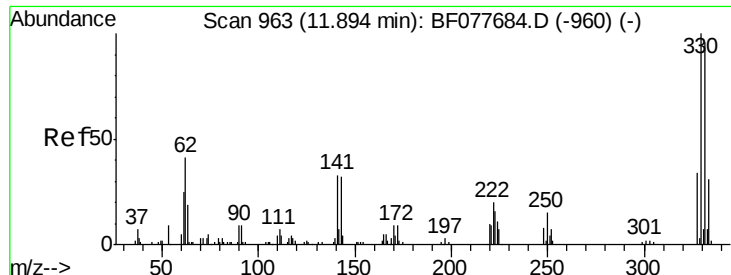
Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

Time-->



Time-->



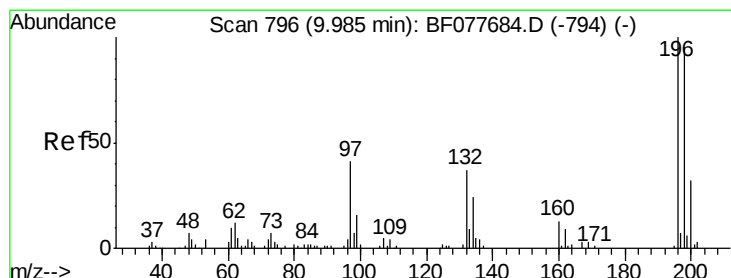
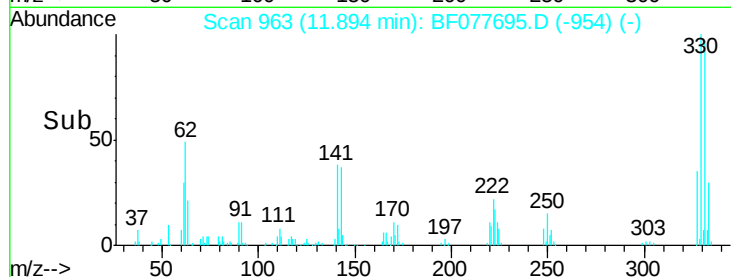
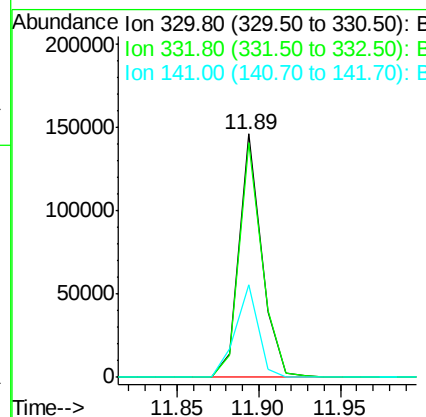
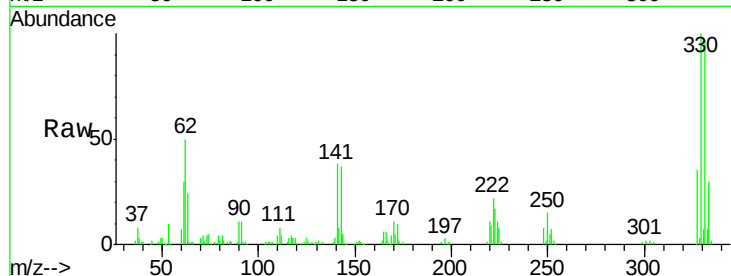
#41
 2,4,6-Tribromophenol
 Concen: 114.18 ng
 RT: 11.89 min Scan# 963
 Delta R.T. 0.00 min
 Lab File: BF077695.D
 Acq: 11 Mar 2015 19:03

Instrument :
 BNA_F
 ClientSampleId :
 PB82059BS

Tot Ion	Ratio	Resp Lower	Upper
330	100		
332	97.9	0.0	0.0#
141	38.6	0.0	0.0#

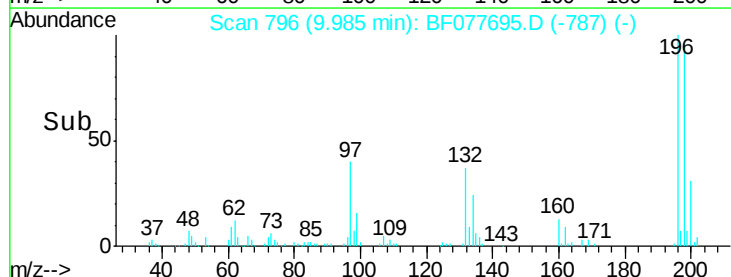
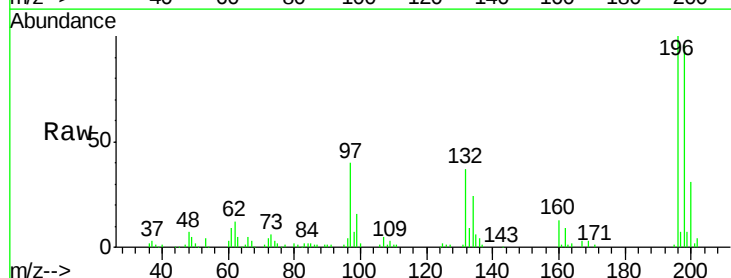
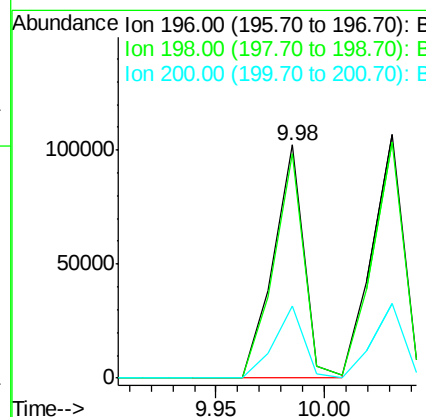
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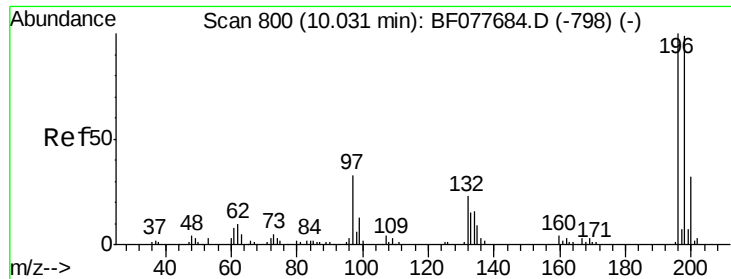
mohammad
 3/13/2015 9:40:25 AM



#42
 2,4,6-Trichlorophenol
 Concen: 38.32 ng
 RT: 9.98 min Scan# 796
 Delta R.T. 0.00 min
 Lab File: BF077695.D
 Acq: 11 Mar 2015 19:03

Tgt Ion	Ratio	Resp Lower	Upper
196	100		
198	96.2	76.3	114.5
200	31.1	25.6	38.4





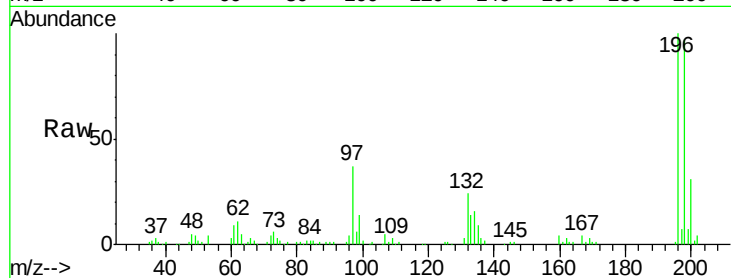
#43
 2,4,5-Trichlorophenol
 Concen: 37.87 ng
 RT: 10.03 min Scan# 800
 Delta R.T. 0.00 min
 Lab File: BF077695.D
 Acq: 11 Mar 2015 19:03

Instrument :
 BNA_F
 ClientSampleId :
 PB82059BS

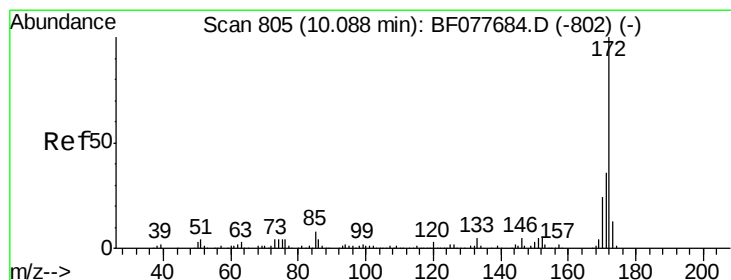
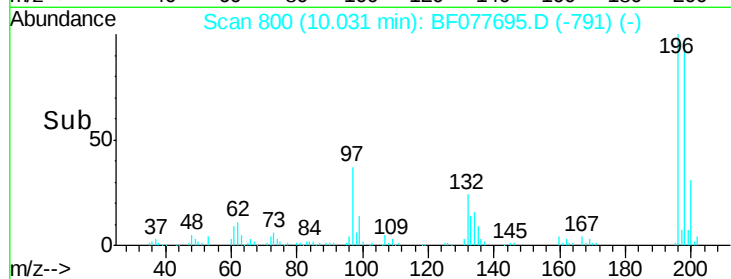
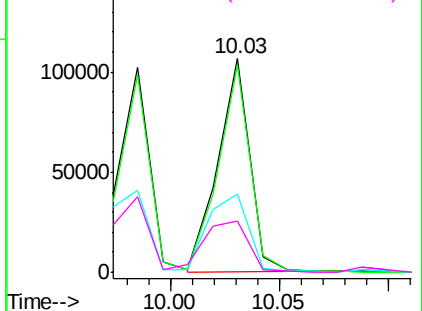
Tot Ion	Ion	Ratio	Resp	Lower	Upper
196	100		107981		
198	97.1	79.4	119.0		
97	36.9	26.8	40.2		
132	23.9	18.6	28.0		

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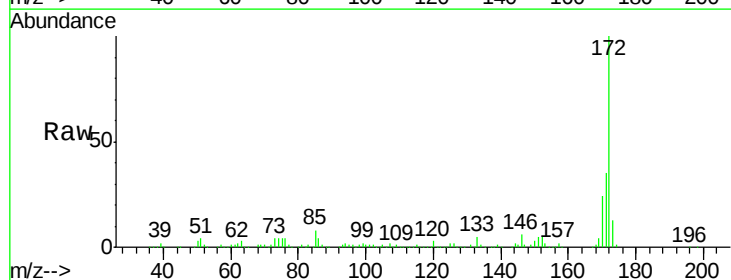


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

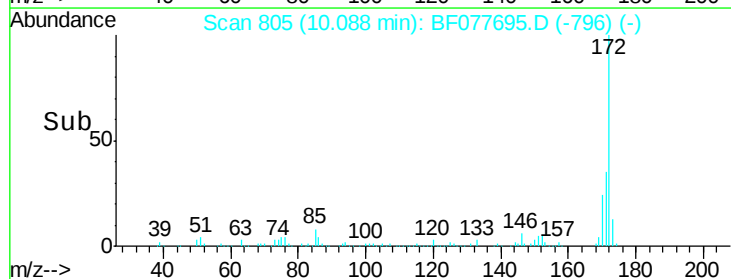
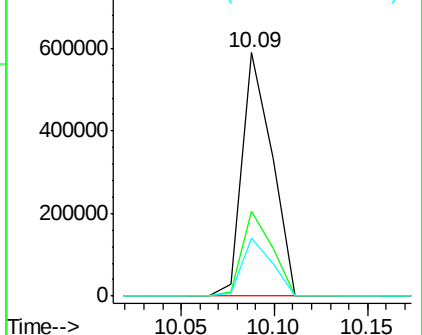


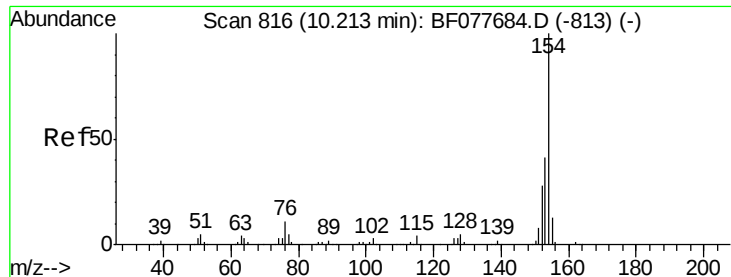
#44
 2-Fluorobiphenyl
 Concen: 75.20 ng
 RT: 10.09 min Scan# 805
 Delta R.T. 0.00 min
 Lab File: BF077695.D
 Acq: 11 Mar 2015 19:03

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
172	100		653651		
171	35.1	28.5	42.7		
170	23.6	18.8	28.2		



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E





#45

1,1'-Biphenyl

Concen: 39.64 ng

RT: 10.21 min Scan# 816

Delta R.T. 0.00 min

Lab File: BF077695.D

Acq: 11 Mar 2015 19:03

Instrument :

BNA_F

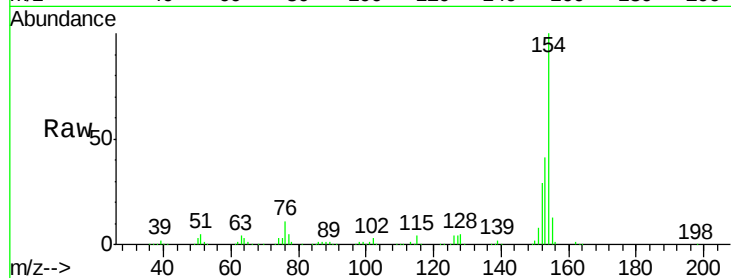
ClientSampleId :

PB82059BS

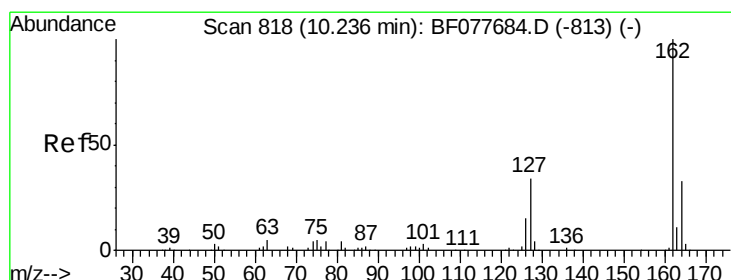
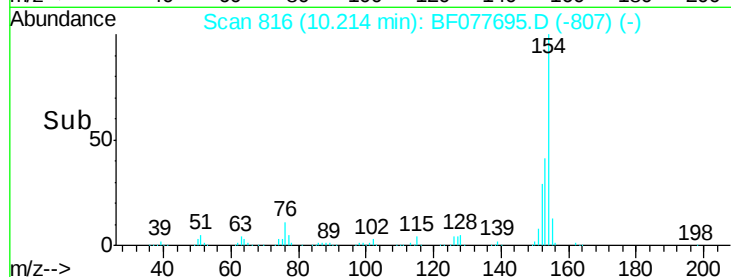
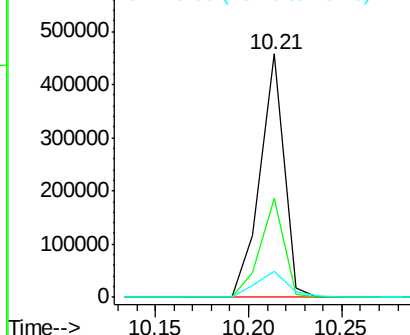
Tot Ion:	154	Resp:	404794
Ion Ratio	Lower	Upper	
154	100		
153	40.6	20.7	60.7
76	10.6	0.0	30.9

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Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BF0



#46

2-Chloronaphthalene

Concen: 37.68 ng

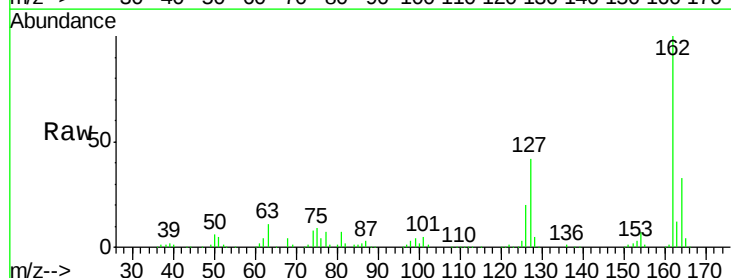
RT: 10.23 min Scan# 817

Delta R.T. -0.01 min

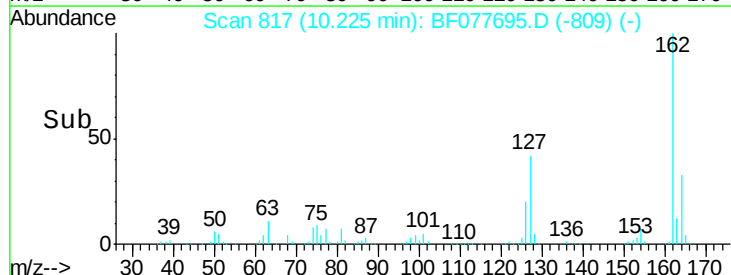
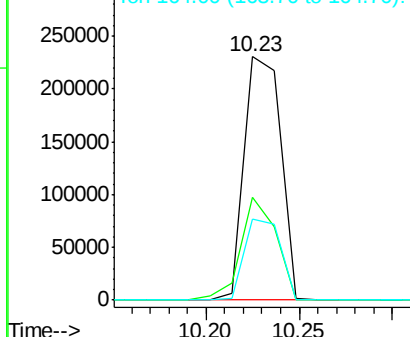
Lab File: BF077695.D

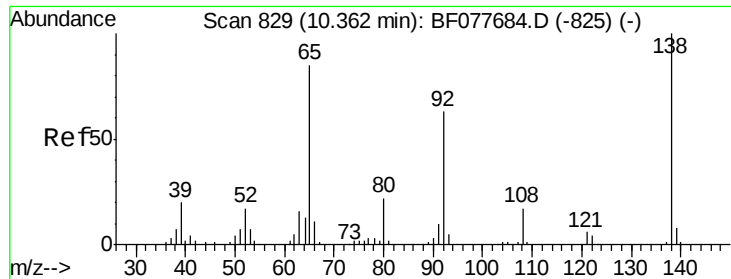
Acq: 11 Mar 2015 19:03

Tgt Ion:	162	Resp:	312721
Ion Ratio	Lower	Upper	
162	100		
127	42.5	26.9	40.3#
164	33.1	26.8	40.2



Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E





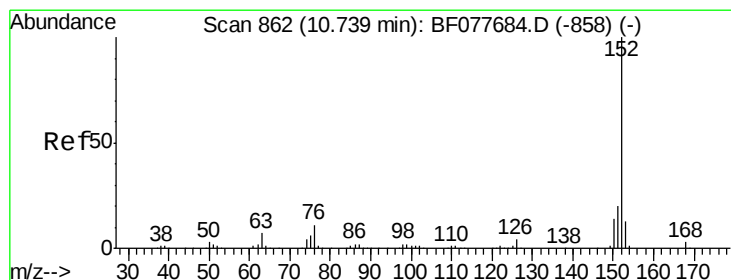
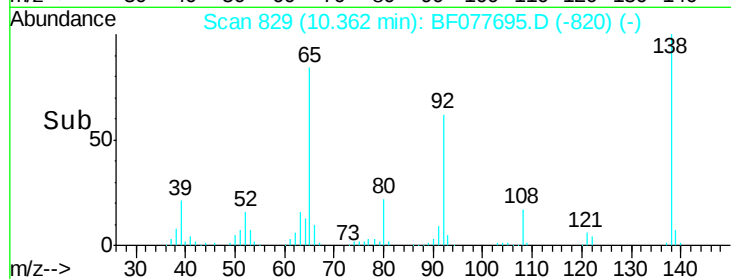
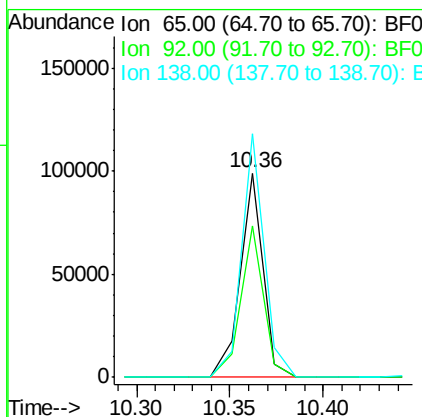
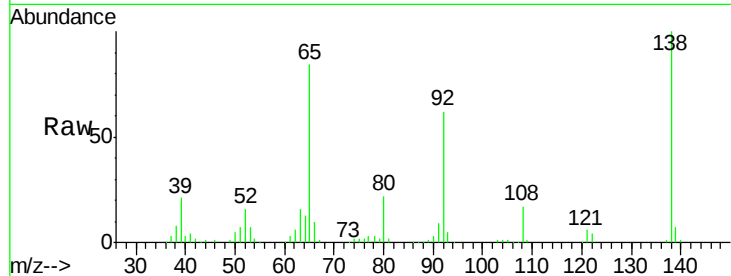
#47
 2-Nitroaniline
 Concen: 40.93 ng
 RT: 10.36 min Scan# 829
 Delta R.T. 0.00 min
 Lab File: BF077695.D
 Acq: 11 Mar 2015 19:03

Instrument :
 BNA_F
 ClientSampleId :
 PB82059BS

Tot Ion	Ratio	Lower	Upper
65	100		
92	74.1	59.1	88.7
138	119.2	93.9	140.9

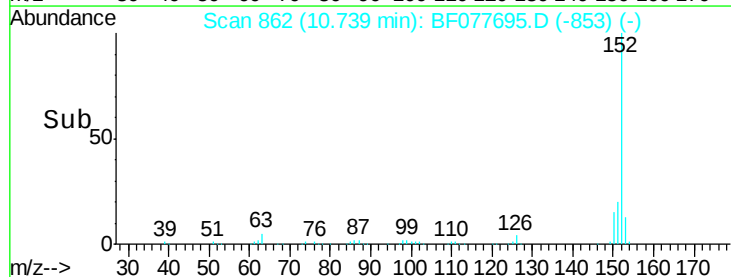
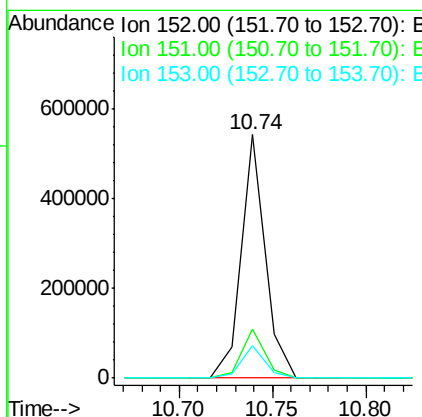
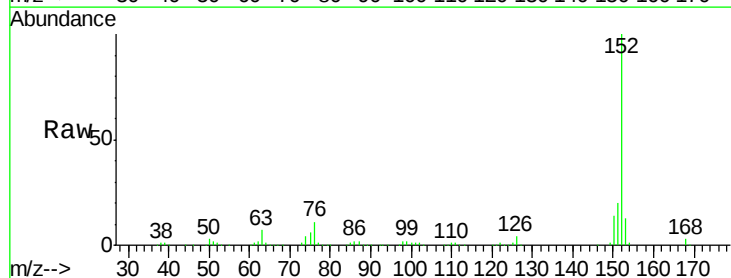
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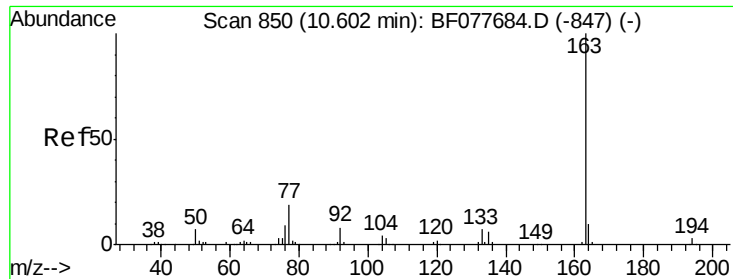
mohammad
 3/13/2015 9:40:25 AM



#48
 Acenaphthylene
 Concen: 35.31 ng
 RT: 10.74 min Scan# 862
 Delta R.T. 0.00 min
 Lab File: BF077695.D
 Acq: 11 Mar 2015 19:03

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.1	15.9	23.9
153	13.3	10.6	16.0





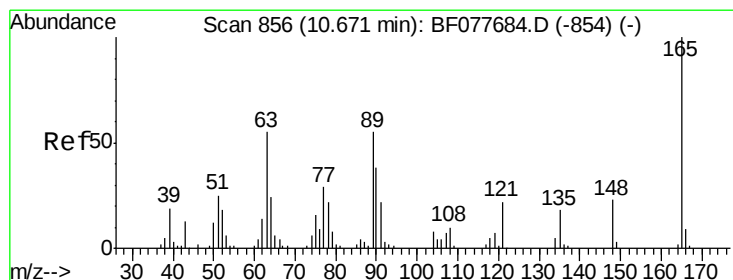
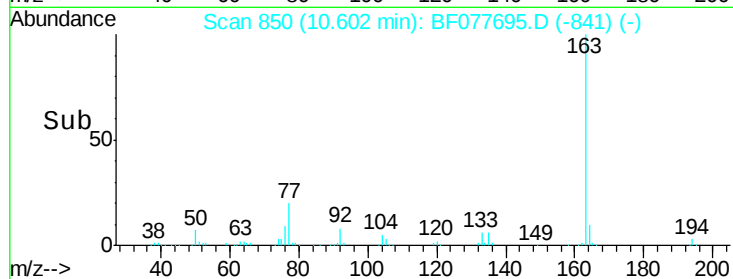
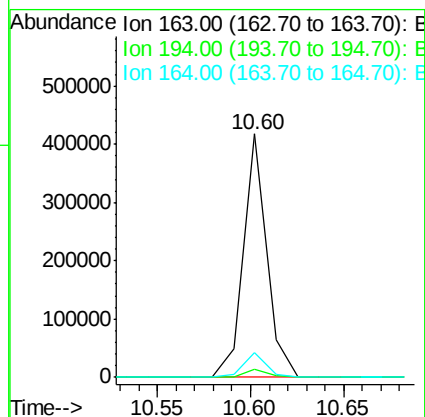
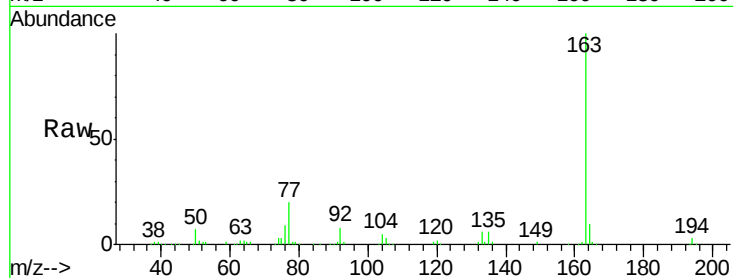
#49
Dimethylphthalate
Concen: 38.43 ng
RT: 10.60 min Scan# 850
Delta R.T. 0.00 min
Lab File: BF077695.D
Acq: 11 Mar 2015 19:03

Instrument :
BNA_F
ClientSampleId :
PB82059BS

Tot Ion	Ratio	Resp	Lower	Upper
163	100	364141		
194	3.4	2.7	4.1	
164	10.1	8.2	12.2	

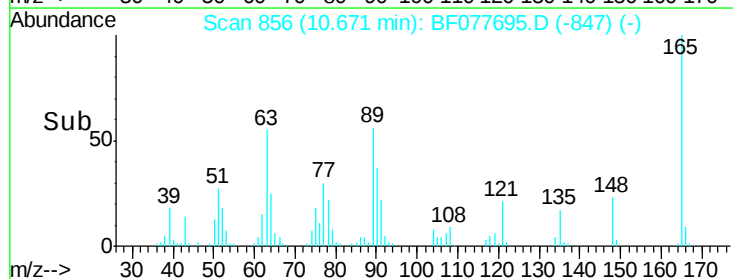
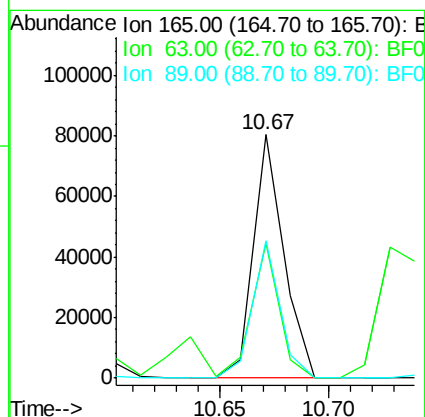
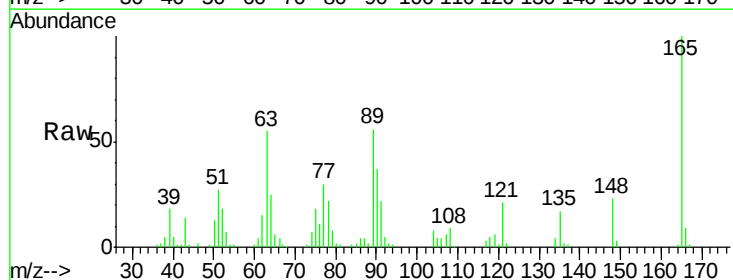
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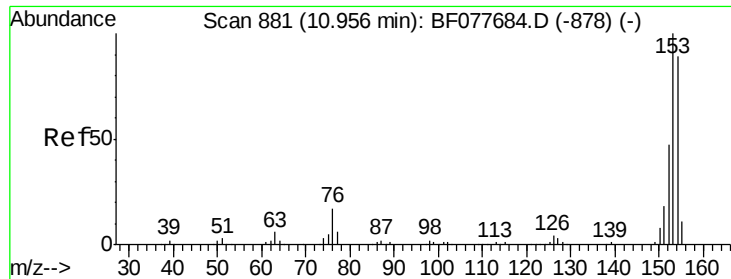
mohammad
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#50
2,6-Dinitrotoluene
Concen: 39.80 ng
RT: 10.67 min Scan# 856
Delta R.T. 0.00 min
Lab File: BF077695.D
Acq: 11 Mar 2015 19:03

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	78172		
63	55.5	44.1	66.1	
89	56.4	44.3	66.5	





#51

Acenaphthene

Concen: 36.59 ng

RT: 10.96 min Scan# 881

Delta R.T. 0.00 min

Lab File: BF077695.D

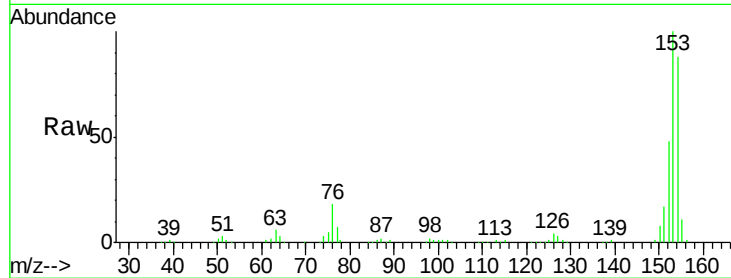
Acq: 11 Mar 2015 19:03

Instrument :

BNA_F

ClientSampleId :

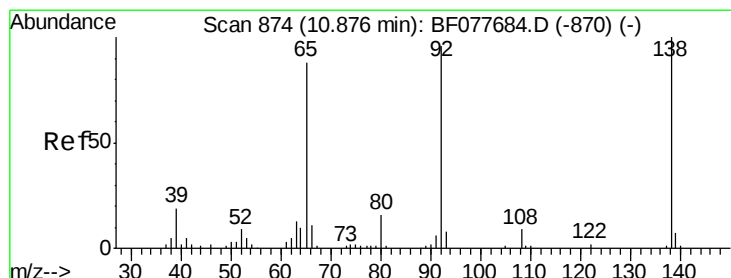
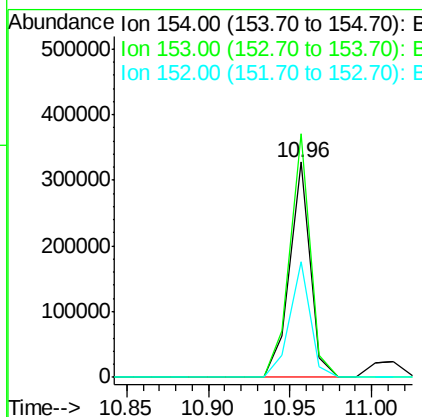
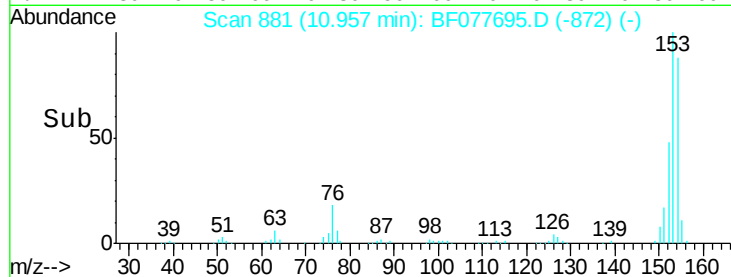
PB82059BS



Tot Ion:	154	Resp:	289502
Ion Ratio	Lower	Upper	
154	100		
153	113.0	90.0	135.0
152	53.9	42.6	63.8

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#52

3-Nitroaniline

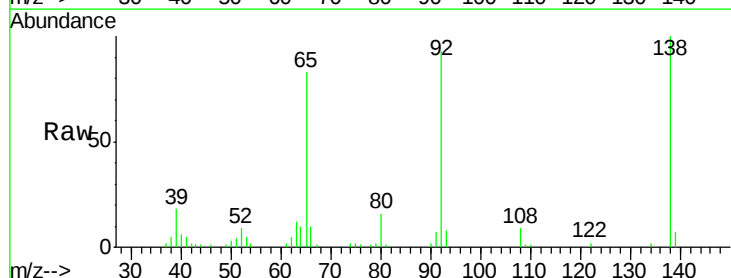
Concen: 20.44 ng

RT: 10.88 min Scan# 874

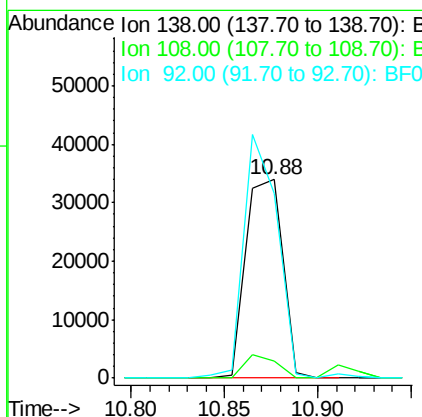
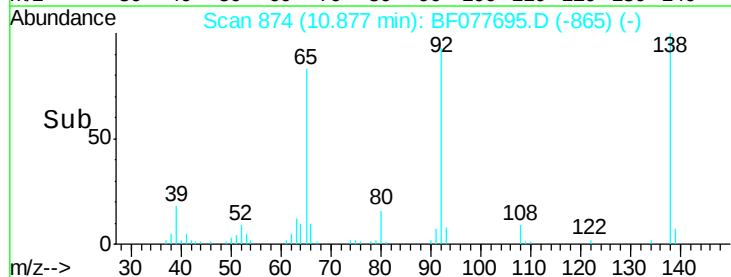
Delta R.T. 0.00 min

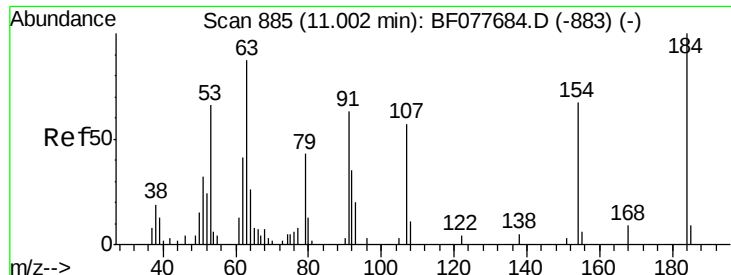
Lab File: BF077695.D

Acq: 11 Mar 2015 19:03



Tgt Ion:	138	Resp:	46614
Ion Ratio	Lower	Upper	
138	100		
108	8.6	7.3	10.9
92	92.8	76.6	114.8





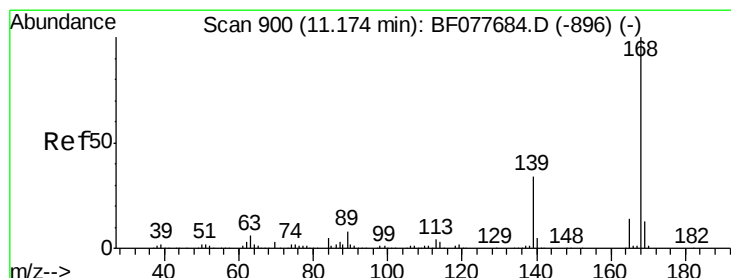
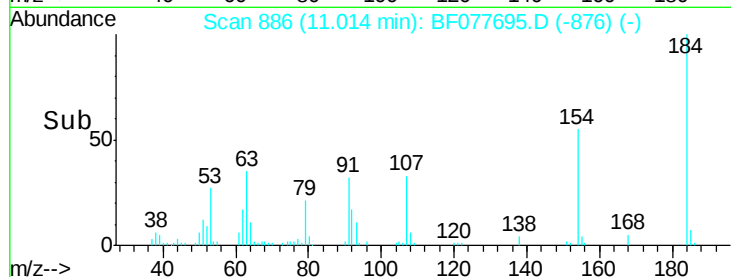
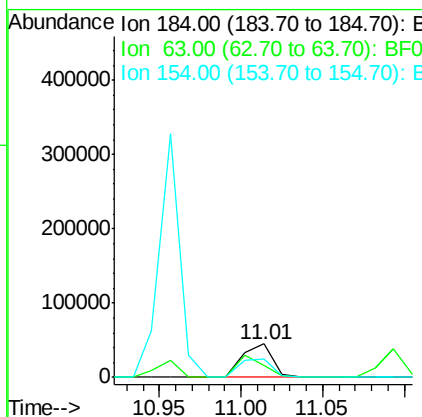
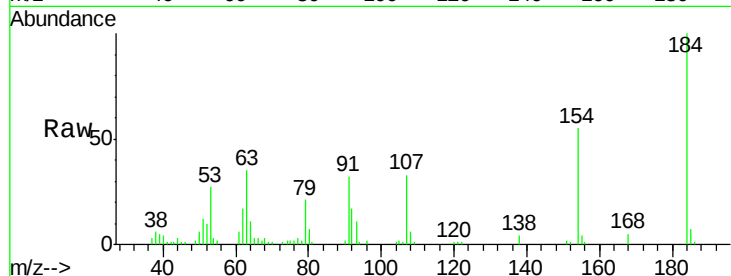
#53
 2,4-Dinitrophenol
 Concen: 79.93 ng
 RT: 11.01 min Scan# 886
 Delta R.T. 0.01 min
 Lab File: BF077695.D
 Acq: 11 Mar 2015 19:03

Instrument :
 BNA_F
 ClientSampleId :
 PB82059BS

Tot Ion	Ratio	Resp	Lower	Upper
184	100			
63	35.4	69.2	103.8#	
154	55.5	53.3	79.9	

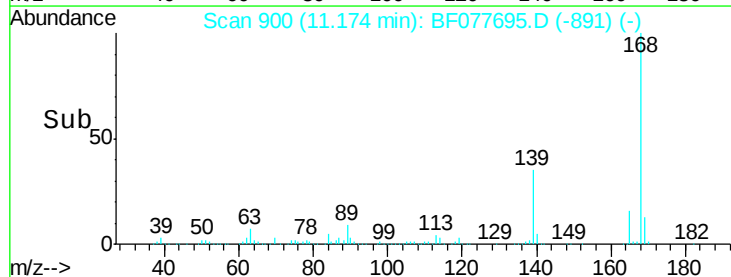
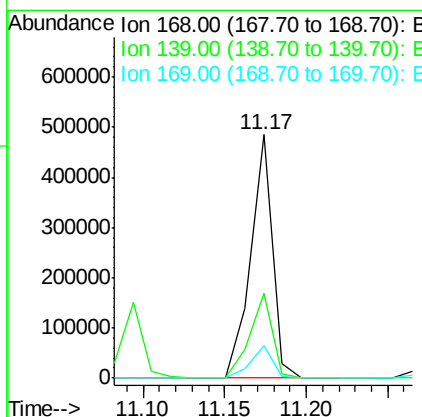
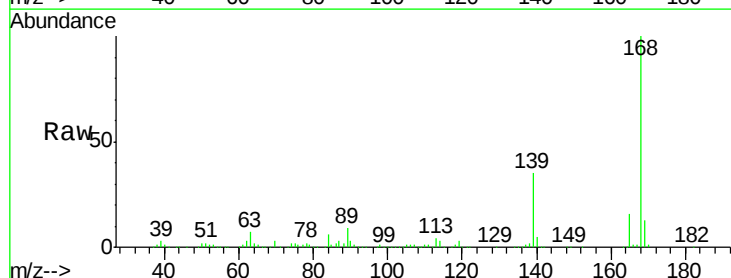
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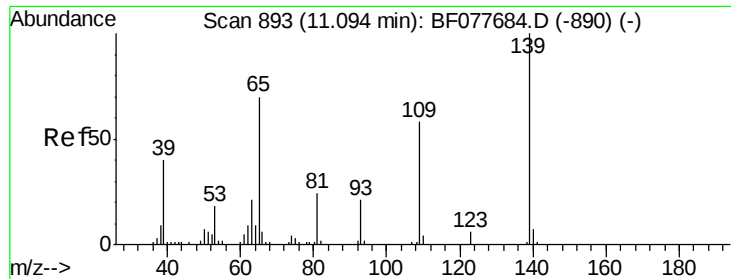
mohammad
 3/13/2015 9:40:25 AM



#54
 Dibenzofuran
 Concen: 38.39 ng
 RT: 11.17 min Scan# 900
 Delta R.T. 0.00 min
 Lab File: BF077695.D
 Acq: 11 Mar 2015 19:03

Tgt Ion	Ratio	Resp	Lower	Upper
168	100			
139	35.0	27.3	40.9	
169	13.2	10.6	16.0	





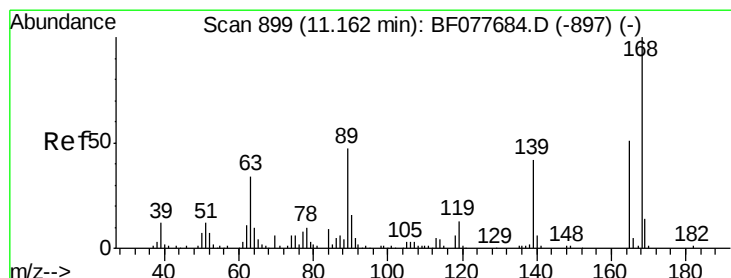
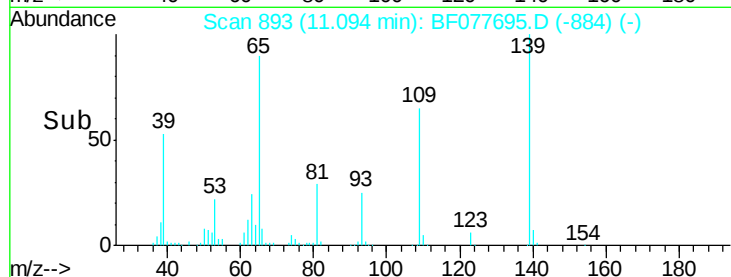
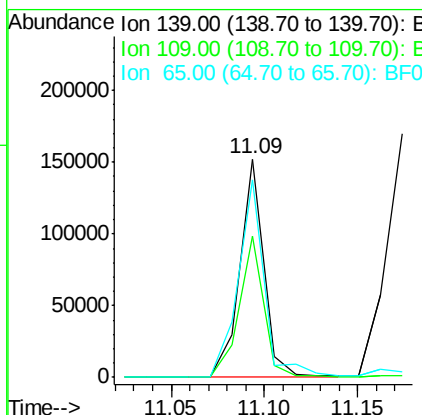
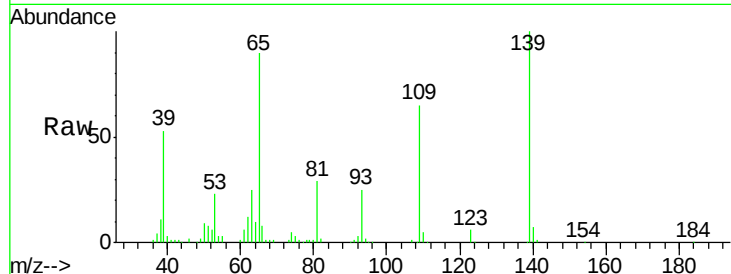
#55
4-Nitrophenol
Concen: 81.79 ng
RT: 11.09 min Scan# 893
Delta R.T. 0.00 min
Lab File: BF077695.D
Acq: 11 Mar 2015 19:03

Instrument :
BNA_F
ClientSampleId :
PB82059BS

Tot Ion	Ratio	Resp	Lower	Upper
139	100			
109	64.7	37.7	77.7	
65	90.4	49.9	89.9	

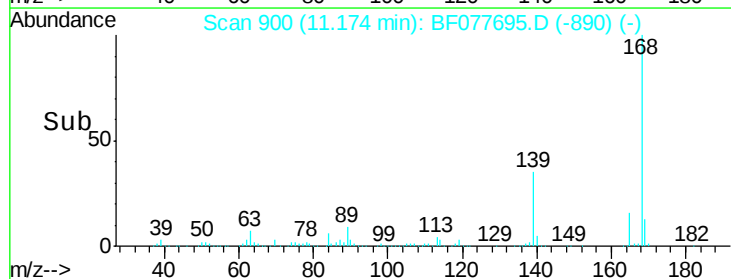
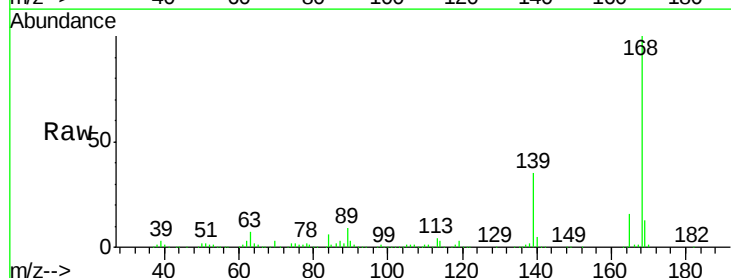
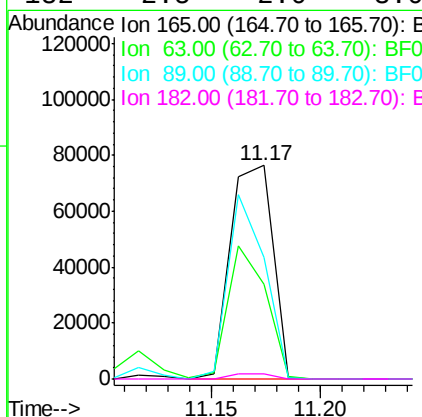
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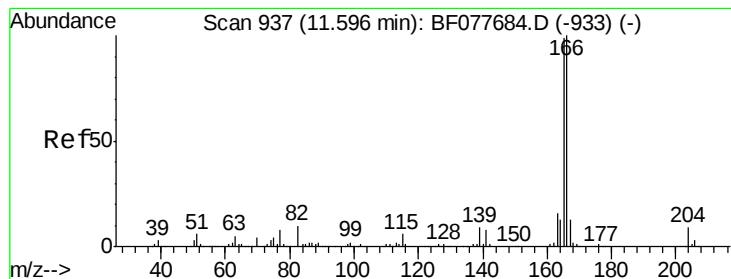
mohammad
3/13/2015 9:40:25 AM



#56
2,4-Dinitrotoluene
Concen: 40.43 ng
RT: 11.17 min Scan# 900
Delta R.T. 0.01 min
Lab File: BF077695.D
Acq: 11 Mar 2015 19:03

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	44.5	52.4	78.6	
89	57.1	72.4	108.6	
182	2.5	2.0	3.0	





#57

Fluorene

Concen: 37.96 ng

RT: 11.60 min Scan# 937

Delta R.T. 0.00 min

Lab File: BF077695.D

Acq: 11 Mar 2015 19:03

Instrument :

BNA_F

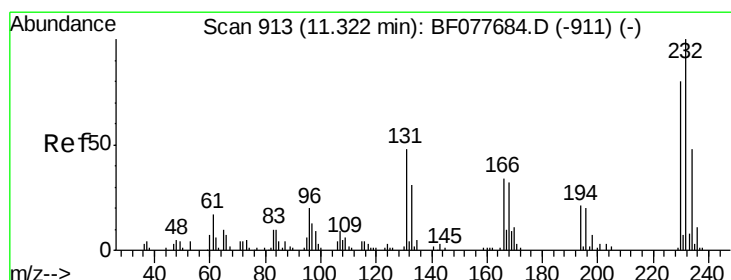
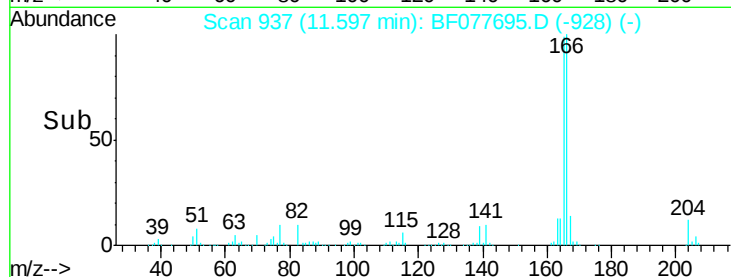
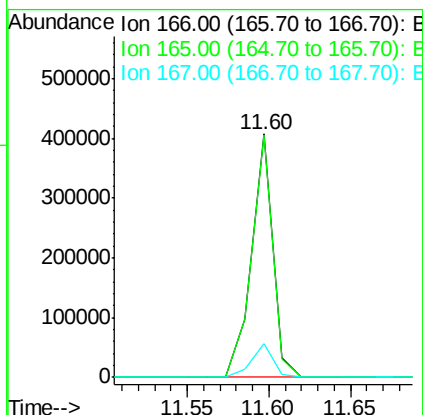
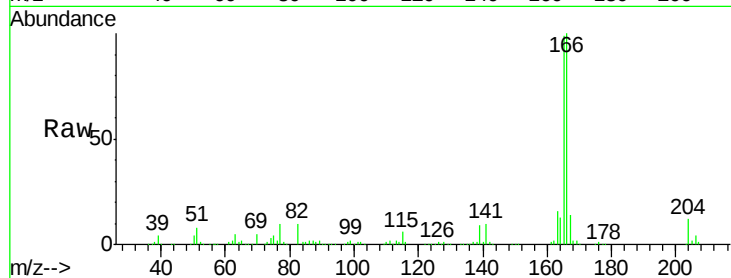
ClientSampled :

PB82059BS

Tot Ion	Ratio	Resp	Lower	Upper
166	100			
165	99.4	79.0	118.4	
167	13.6	10.3	15.5	

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mohammad
3/13/2015 9:40:25 AM



#58

2,3,4,6-Tetrachlorophenol

Concen: 39.34 ng

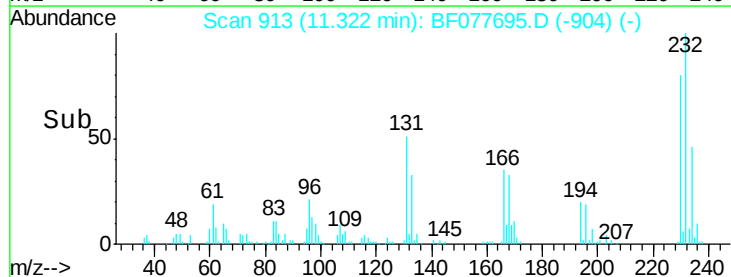
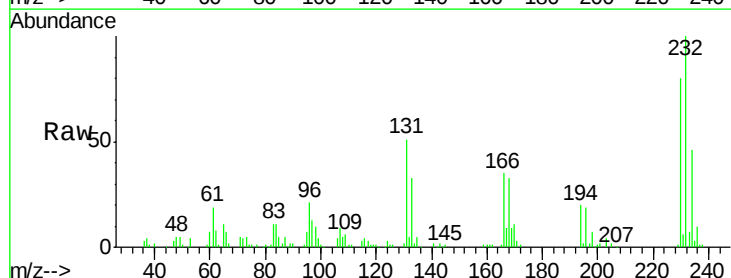
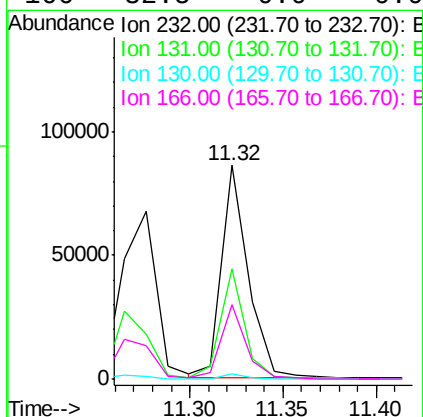
RT: 11.32 min Scan# 913

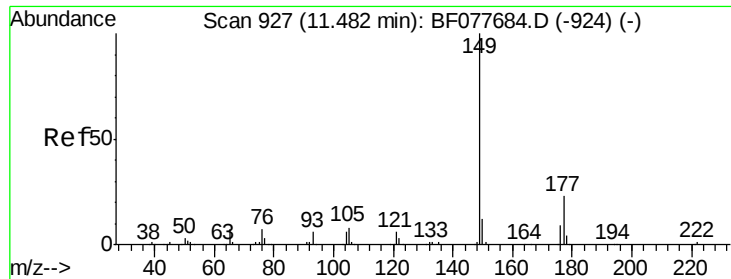
Delta R.T. 0.00 min

Lab File: BF077695.D

Acq: 11 Mar 2015 19:03

Tgt Ion	Ratio	Resp	Lower	Upper
232	100			
131	46.5	0.0	0.0#	
130	1.9	0.0	0.0#	
166	32.5	0.0	0.0#	





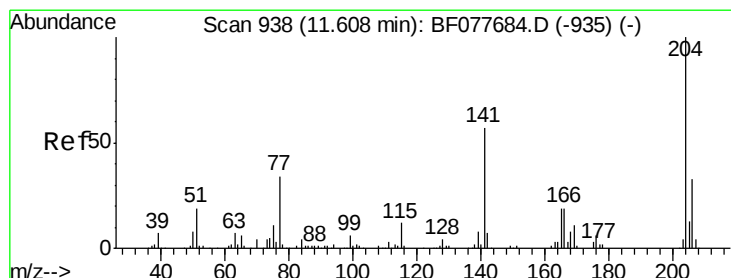
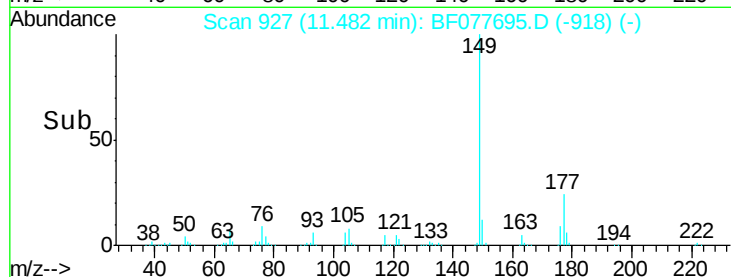
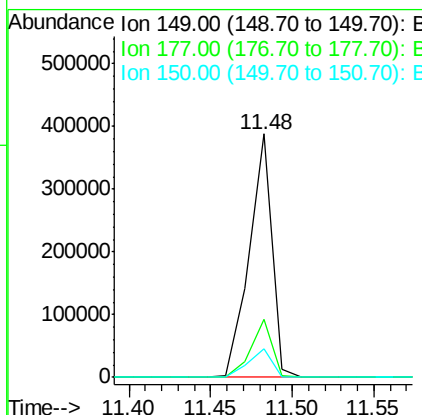
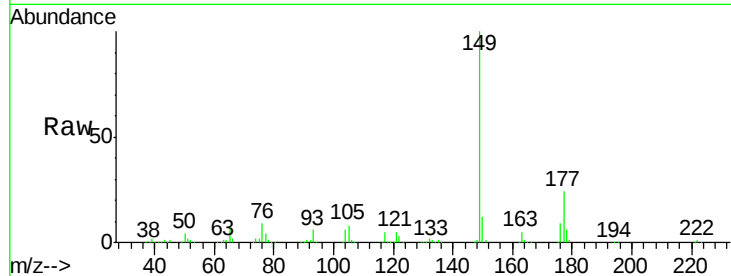
#59
Diethylphthalate
Concen: 40.48 ng
RT: 11.48 min Scan# 927
Delta R.T. 0.00 min
Lab File: BF077695.D
Acq: 11 Mar 2015 19:03

Instrument :
BNA_F
ClientSampled :
PB82059BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	373676		
177	23.6	18.3	27.5	
150	11.9	9.8	14.8	

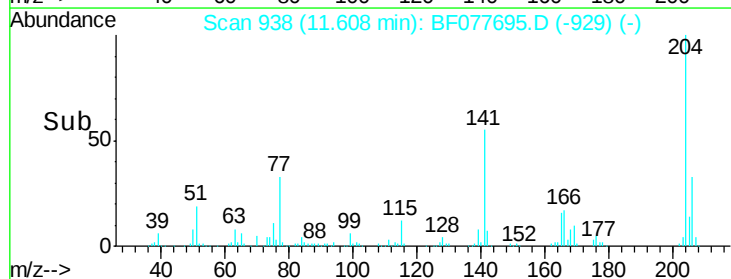
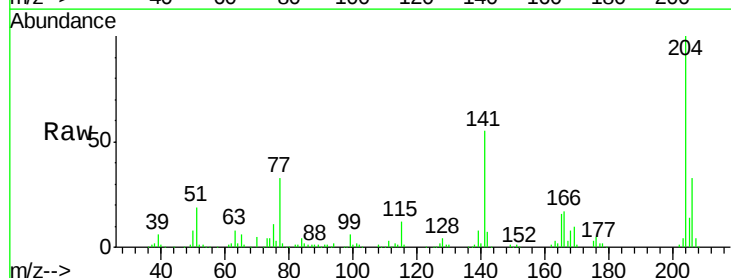
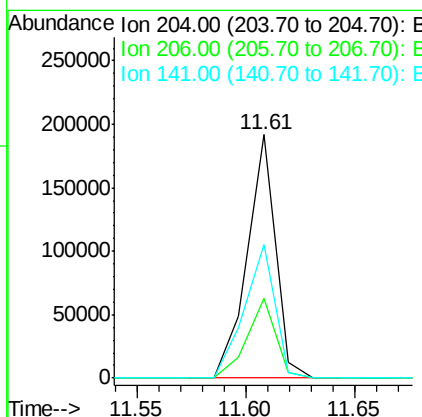
Manual Integrations
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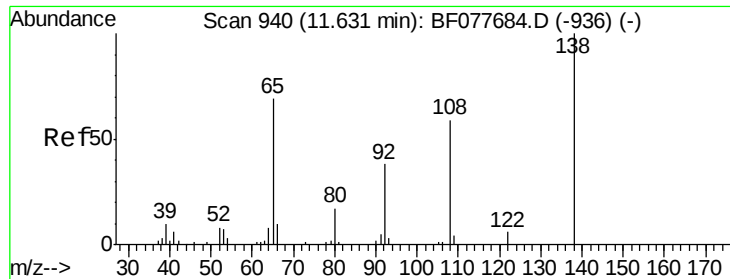
mohammad
3/13/2015 9:40:25 AM



#60
4-Chlorophenyl-phenylether
Concen: 38.98 ng
RT: 11.61 min Scan# 938
Delta R.T. 0.00 min
Lab File: BF077695.D
Acq: 11 Mar 2015 19:03

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	173338		
206	32.5	26.6	39.8	
141	54.8	45.2	67.8	





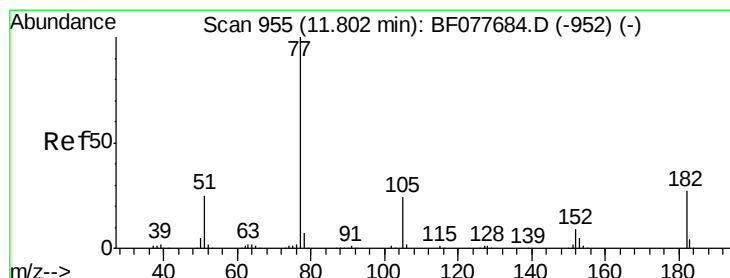
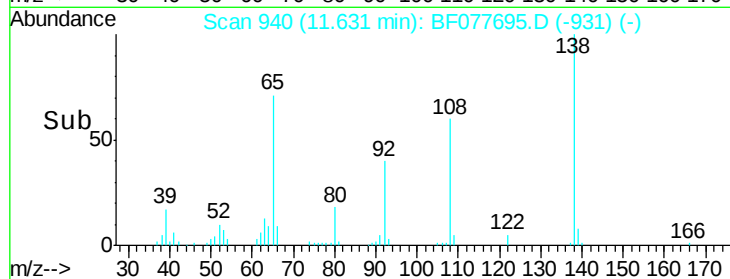
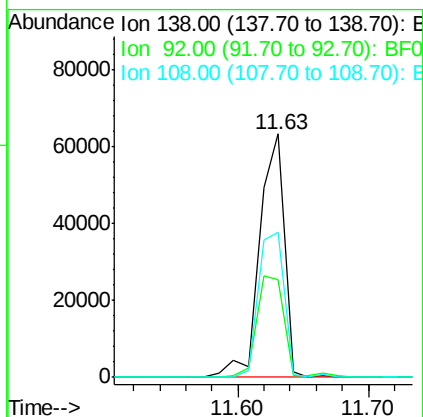
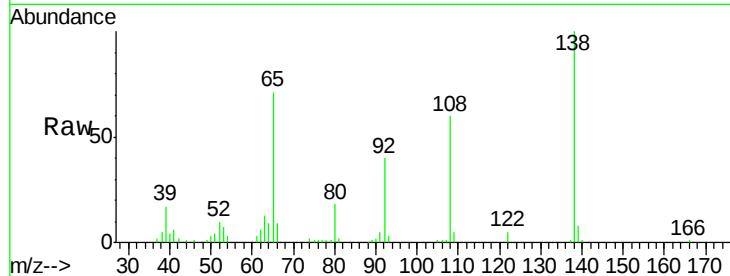
#61
4-Nitroaniline
Concen: 37.00 ng
RT: 11.63 min Scan# 940
Delta R.T. 0.00 min
Lab File: BF077695.D
Acq: 11 Mar 2015 19:03

Instrument :
BNA_F
ClientSampleId :
PB82059BS

Tot Ion:	138	Resp:	84117
Ion Ratio	Lower	Upper	
138	100		
92	40.4	16.7	56.7
108	59.7	37.6	77.6

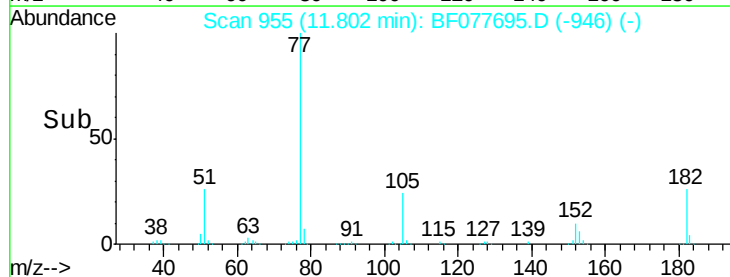
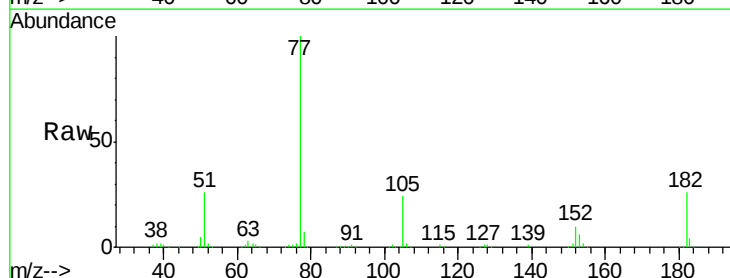
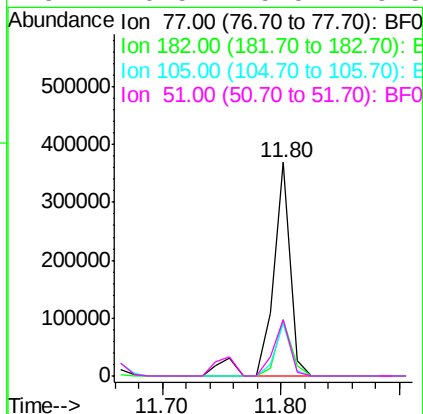
Manual Integrations
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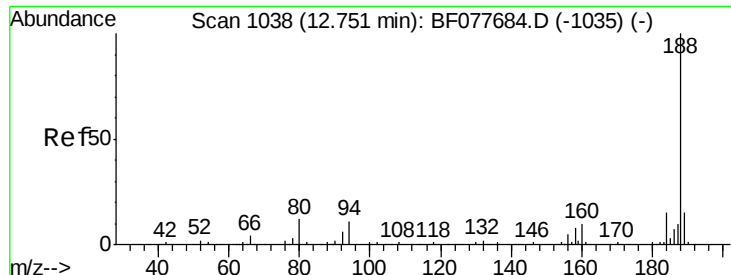
mohammad
3/13/2015 9:40:25 AM



#62
Azobenzene
Concen: 43.13 ng
RT: 11.80 min Scan# 955
Delta R.T. 0.00 min
Lab File: BF077695.D
Acq: 11 Mar 2015 19:03

Tgt Ion:	77	Resp:	380558
Ion Ratio	Lower	Upper	
77	100		
182	26.3	6.5	46.5
105	24.4	3.8	43.8
51	26.5	5.5	45.5





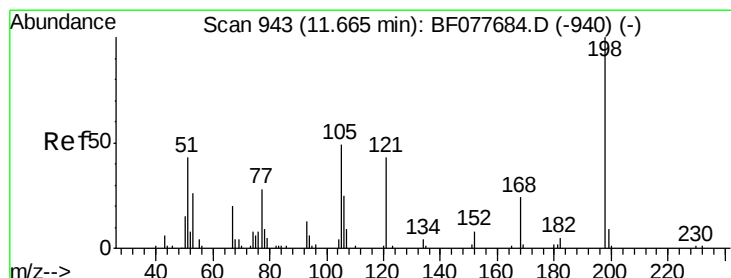
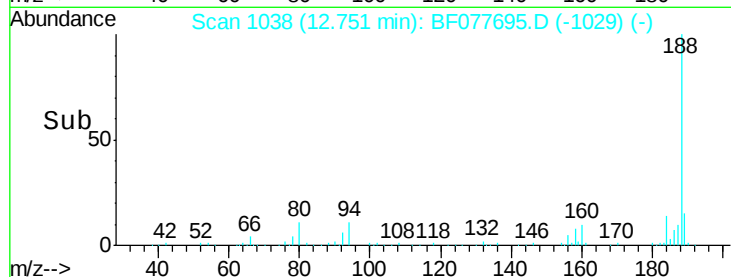
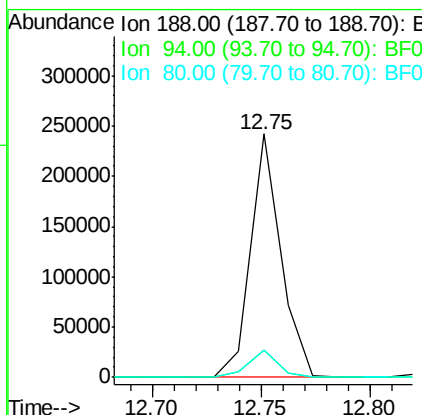
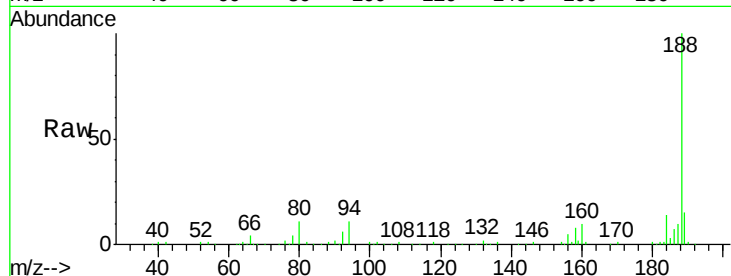
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 12.75 min Scan# 1038
 Delta R.T. 0.00 min
 Lab File: BF077695.D
 Acq: 11 Mar 2015 19:03

Instrument :
 BNA_F
 ClientSampleId :
 PB82059BS

Tot Ion:	188	Resp:	233930
Ion Ratio	Lower	Upper	
188	100		
94	11.0	8.7	13.1
80	11.2	9.3	13.9

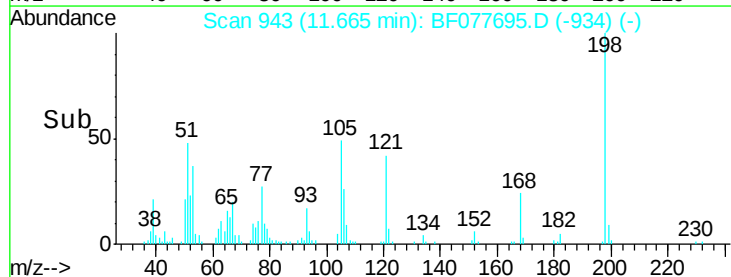
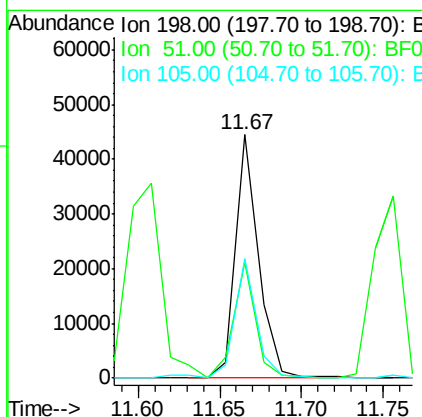
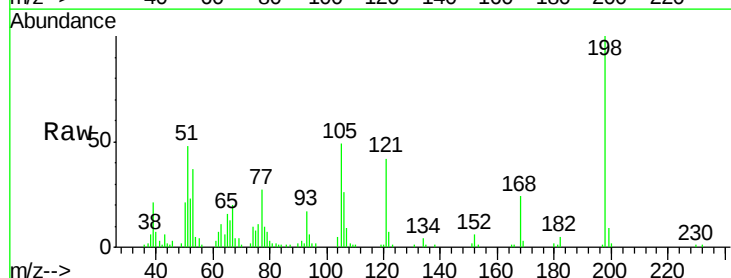
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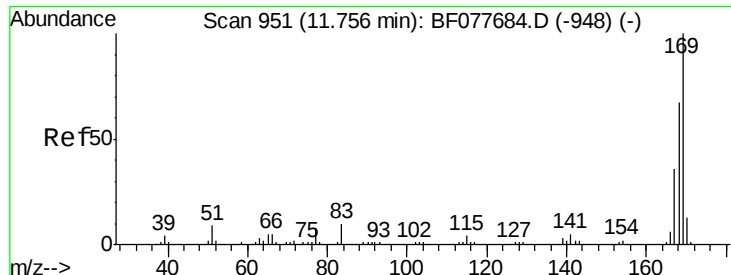
mohammad
 3/13/2015 9:40:25 AM



#64
 4,6-Dinitro-2-methylphenol
 Concen: 40.05 ng
 RT: 11.67 min Scan# 943
 Delta R.T. 0.00 min
 Lab File: BF077695.D
 Acq: 11 Mar 2015 19:03

Tgt Ion:	198	Resp:	43374
Ion Ratio	Lower	Upper	
198	100		
51	47.7	28.8	68.8
105	49.1	30.5	70.5





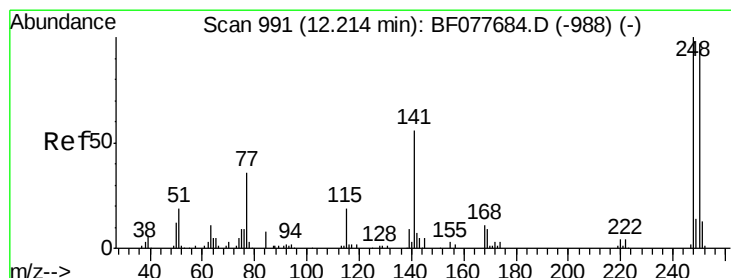
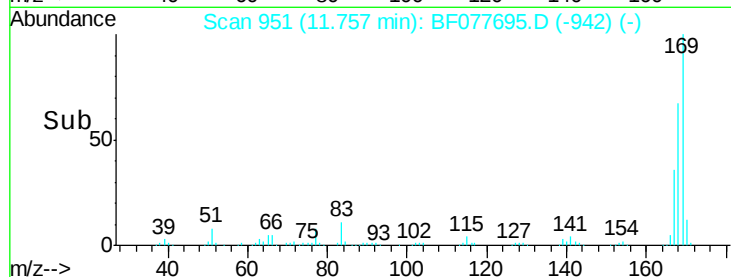
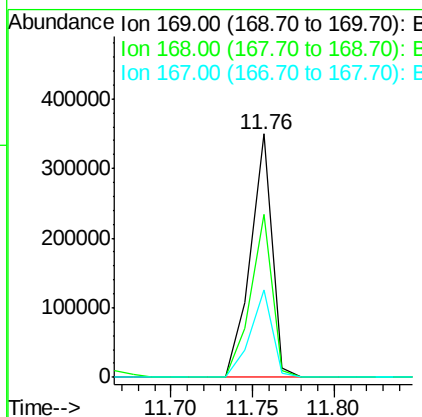
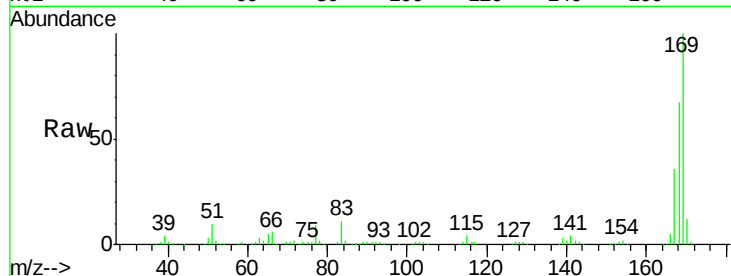
#65
 n-Nitrosodiphenylamine
 Concen: 41.71 ng
 RT: 11.76 min Scan# 951
 Delta R.T. 0.00 min
 Lab File: BF077695.D
 Acq: 11 Mar 2015 19:03

Instrument :
 BNA_F
 ClientSampleId :
 PB82059BS

Tot Ion	Ratio	Resp	Lower	Upper
169	100	324863		
168	66.9		53.9	80.9
167	36.1		28.9	43.3

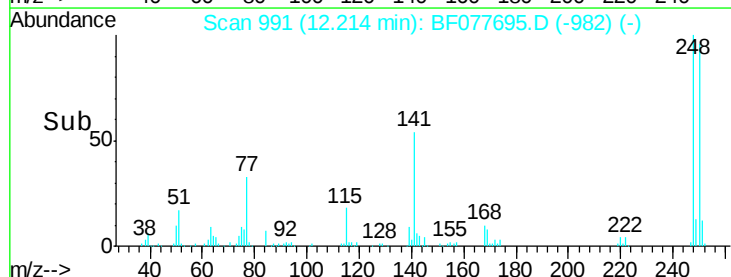
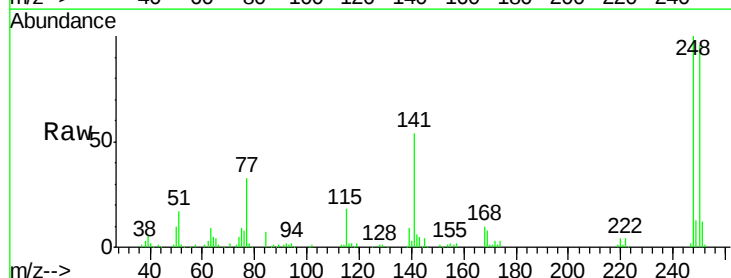
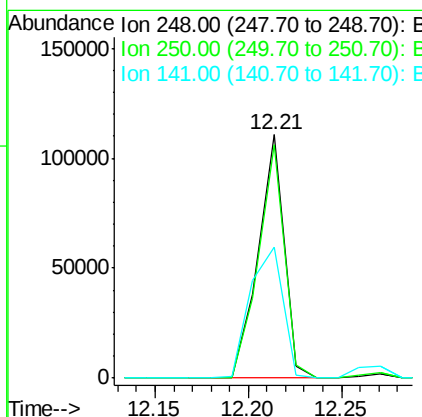
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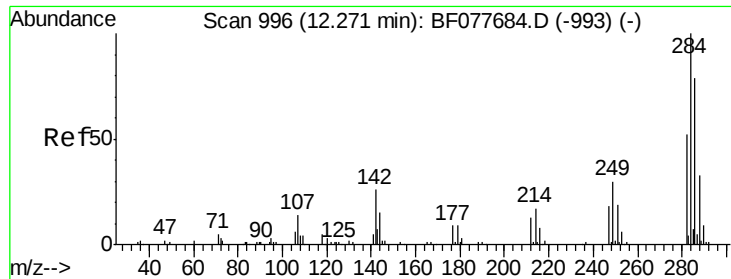
mohammad
 3/13/2015 9:40:25 AM



#66
 4-Bromophenyl-phenylether
 Concen: 42.56 ng
 RT: 12.21 min Scan# 991
 Delta R.T. 0.00 min
 Lab File: BF077695.D
 Acq: 11 Mar 2015 19:03

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	106248		
250	95.9		77.4	116.0
141	54.0		45.2	67.8





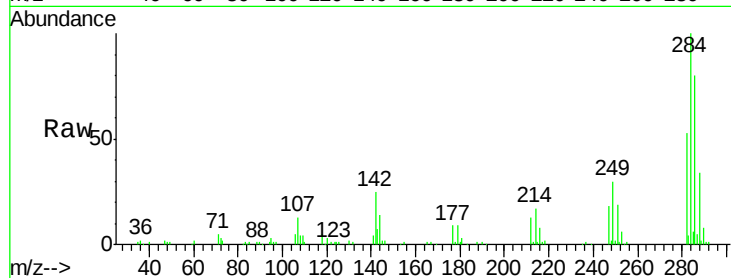
#67
Hexachlorobenzene
Concen: 40.88 ng
RT: 12.27 min Scan# 996
Delta R.T. 0.00 min
Lab File: BF077695.D
Acq: 11 Mar 2015 19:03

Instrument :
BNA_F
ClientSampleId :
PB82059BS

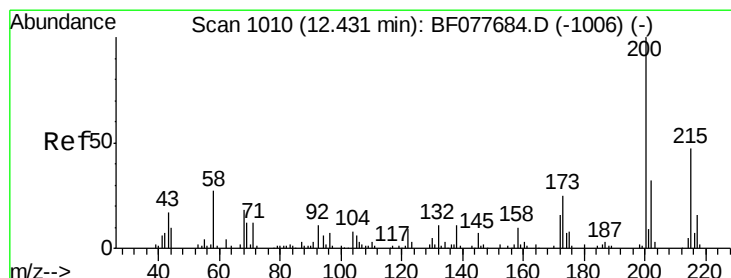
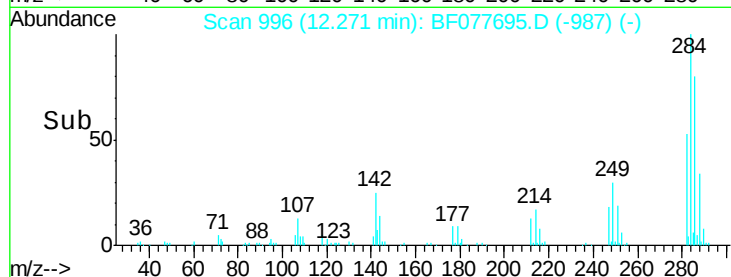
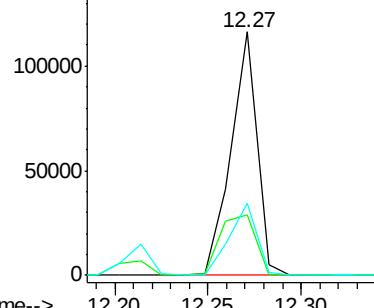
Tot Ion	Ratio	Resp Lower	Resp Upper
284	100		
142	24.9	20.4	30.6
249	29.7	23.8	35.6

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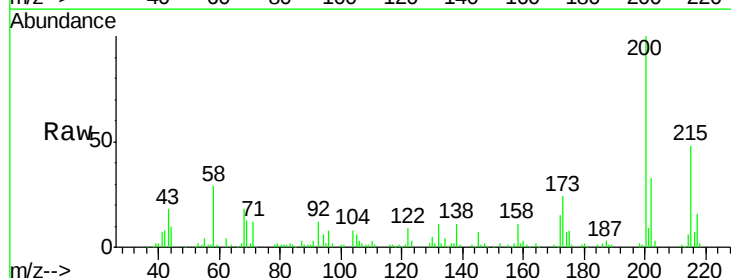


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

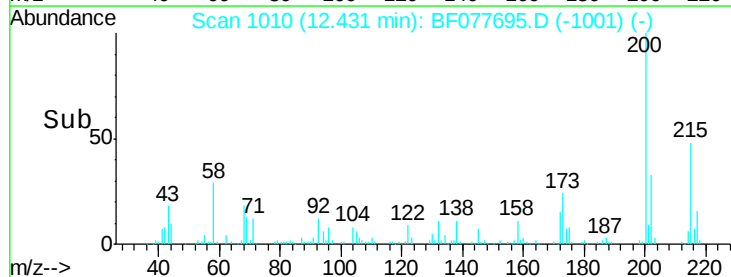
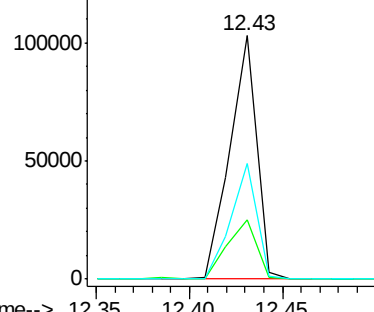


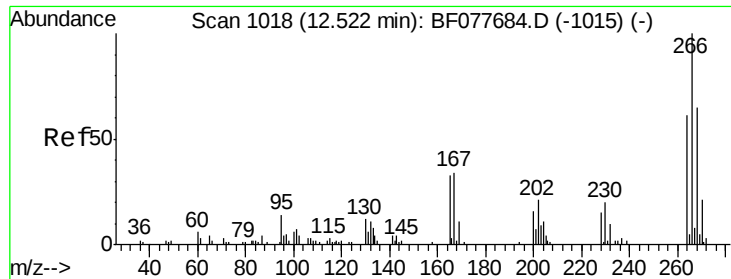
#68
Atrazine
Concen: 46.92 ng
RT: 12.43 min Scan# 1010
Delta R.T. 0.00 min
Lab File: BF077695.D
Acq: 11 Mar 2015 19:03

Tgt Ion	Ratio	Resp Lower	Resp Upper
200	100		
173	24.2	4.8	44.8
215	47.6	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





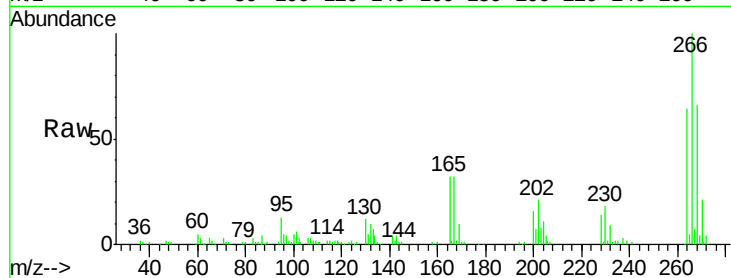
#69
 Pentachlorophenol
 Concen: 81.91 ng
 RT: 12.52 min Scan# 1018
 Delta R.T. 0.00 min
 Lab File: BF077695.D
 Acq: 11 Mar 2015 19:03

Instrument :
 BNA_F
 ClientSampleId :
 PB82059BS

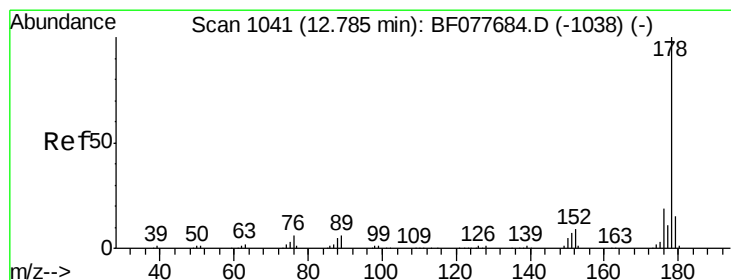
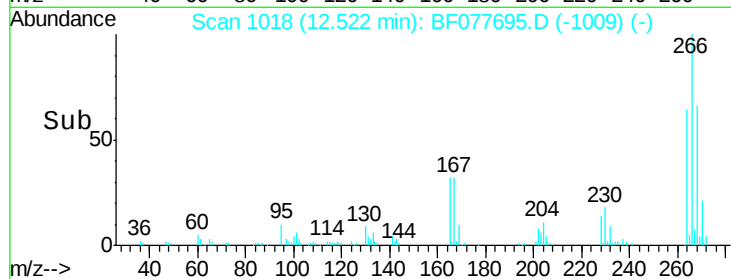
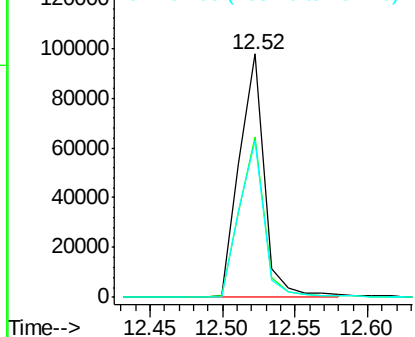
Tot Ion	Ratio	Resp	Lower	Upper
266	100	117791		
268	65.6	52.0	78.0	
264	64.3	49.0	73.4	

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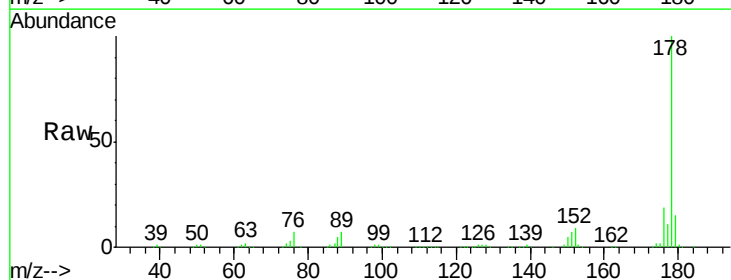


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

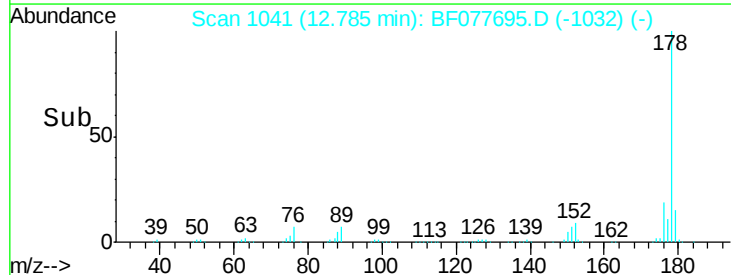
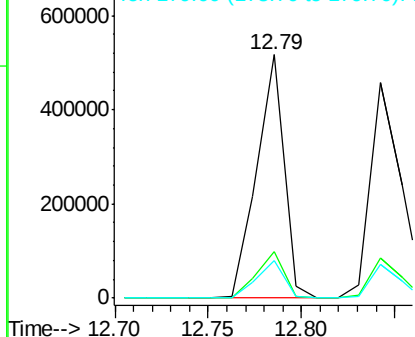


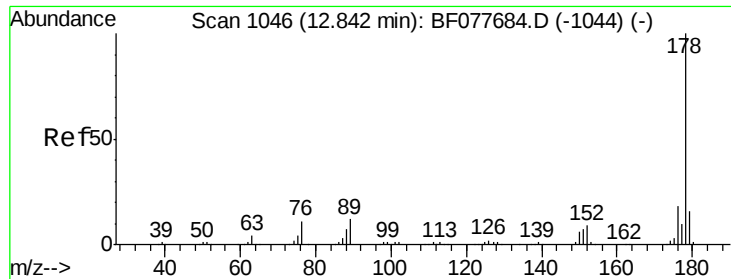
#70
 Phenanthrene
 Concen: 38.92 ng
 RT: 12.79 min Scan# 1041
 Delta R.T. 0.00 min
 Lab File: BF077695.D
 Acq: 11 Mar 2015 19:03

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	522653		
176	19.2	15.2	22.8	
179	15.2	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





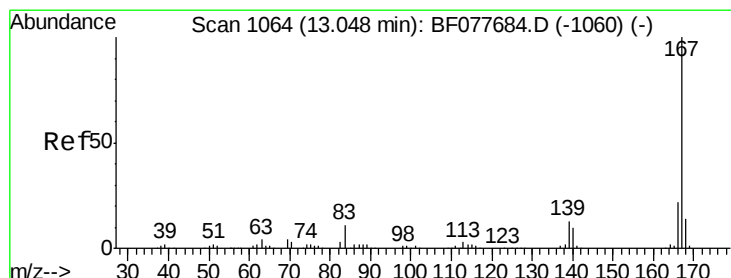
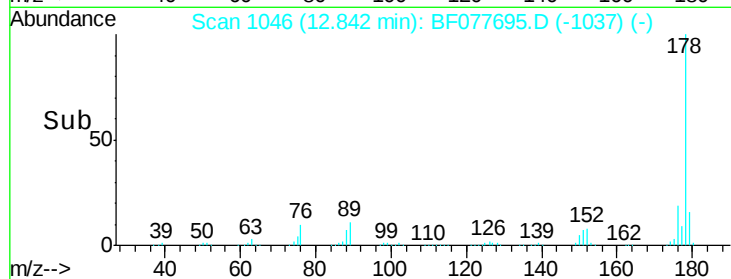
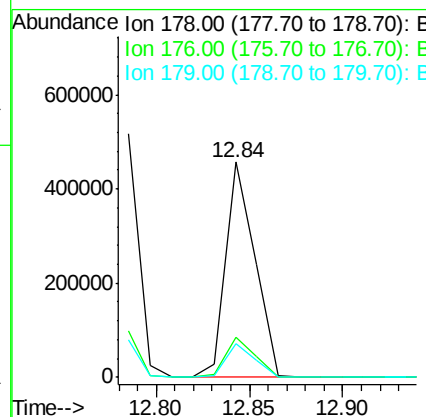
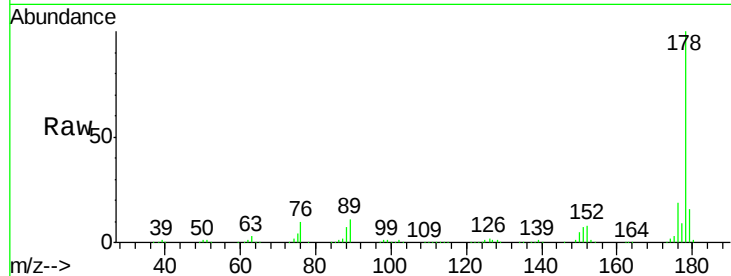
#71
 Anthracene
 Concen: 37.74 ng
 RT: 12.84 min Scan# 1046
 Delta R.T. 0.00 min
 Lab File: BF077695.D
 Acq: 11 Mar 2015 19:03

Instrument :
 BNA_F
 ClientSampleId :
 PB82059BS

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.6	14.6	22.0
179	15.7	12.6	19.0

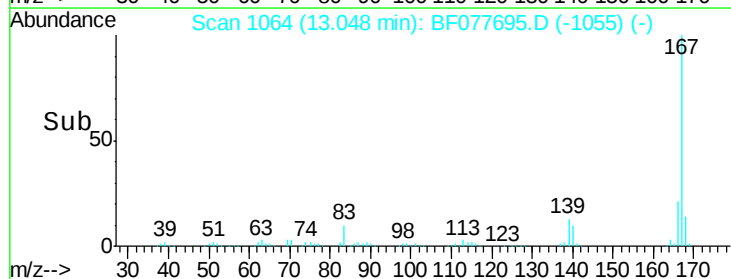
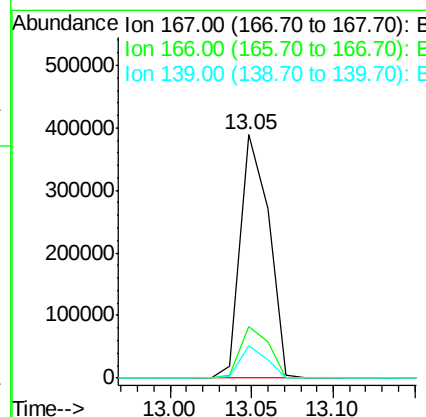
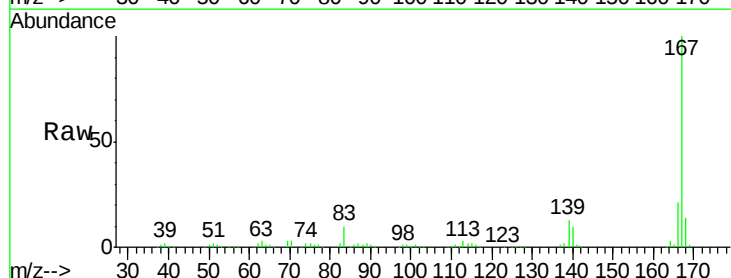
Manual Integrations
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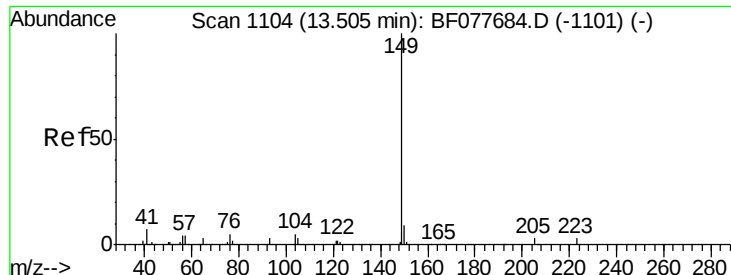
mohammad
 3/13/2015 9:40:25 AM



#72
 Carbazole
 Concen: 37.27 ng
 RT: 13.05 min Scan# 1064
 Delta R.T. 0.00 min
 Lab File: BF077695.D
 Acq: 11 Mar 2015 19:03

Tgt Ion	Ratio	Lower	Upper
167	100		
166	21.1	17.2	25.8
139	13.3	10.8	16.2





#73

Di-n-butylphthalate

Concen: 37.70 ng

RT: 13.51 min Scan# 1104

Delta R.T. 0.00 min

Lab File: BF077695.D

Acq: 11 Mar 2015 19:03

Instrument :

BNA_F

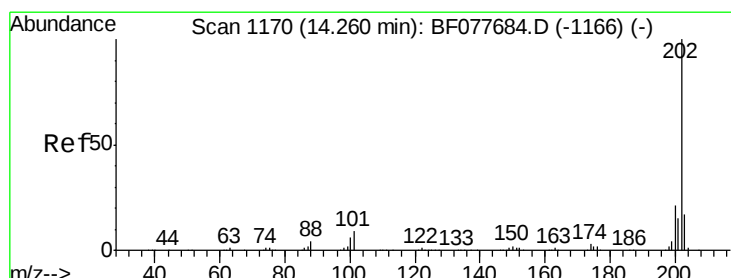
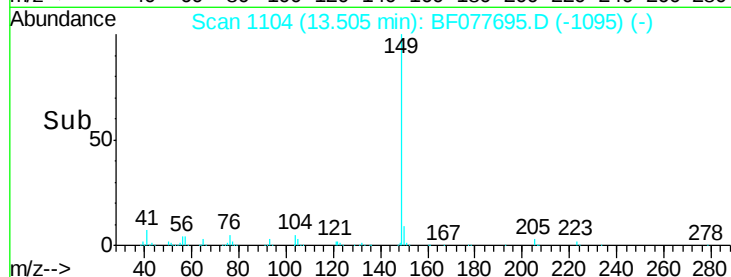
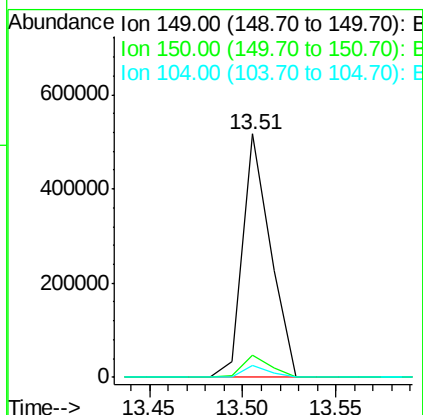
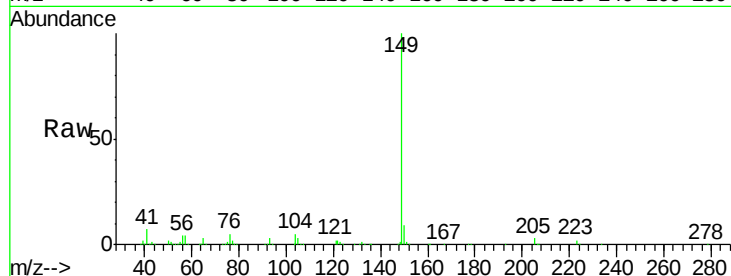
ClientSampleId :

PB82059BS

Tot Ion:	149	Resp:	533552
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: 36.19 ng

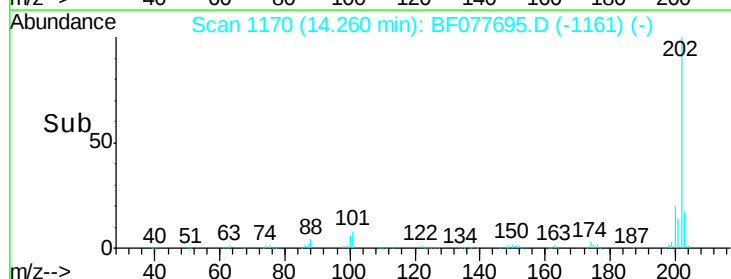
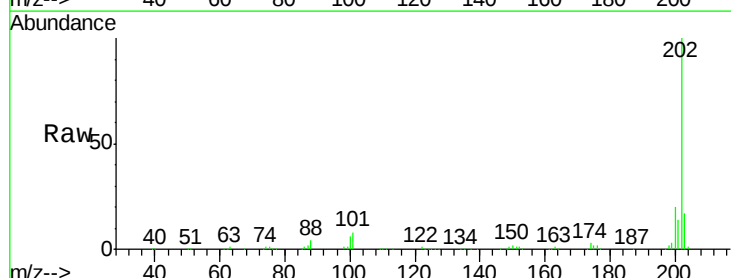
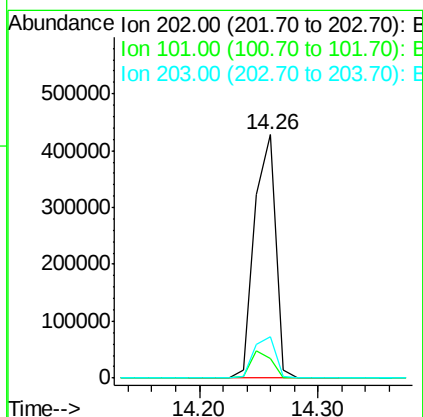
RT: 14.26 min Scan# 1170

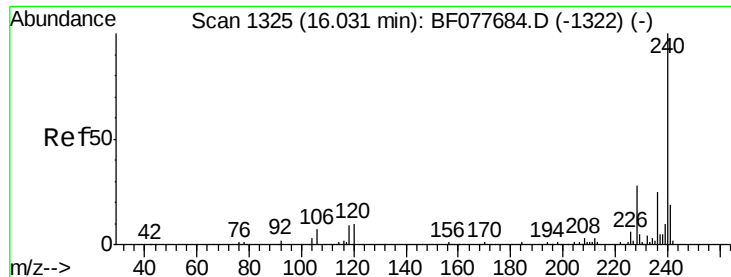
Delta R.T. 0.00 min

Lab File: BF077695.D

Acq: 11 Mar 2015 19:03

Tgt Ion:	202	Resp:	536001
Ion Ratio	Lower	Upper	
202	100		
101	8.1	0.0	28.7
203	17.1	0.0	37.2





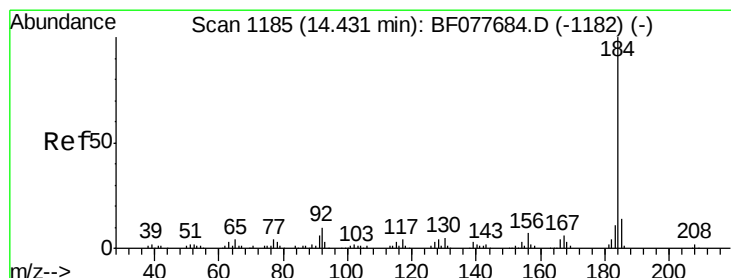
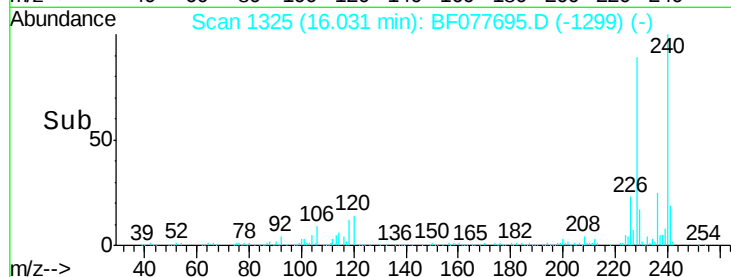
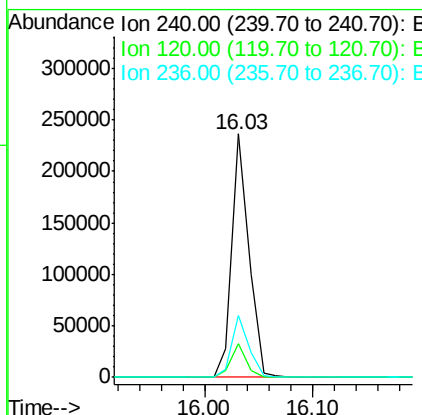
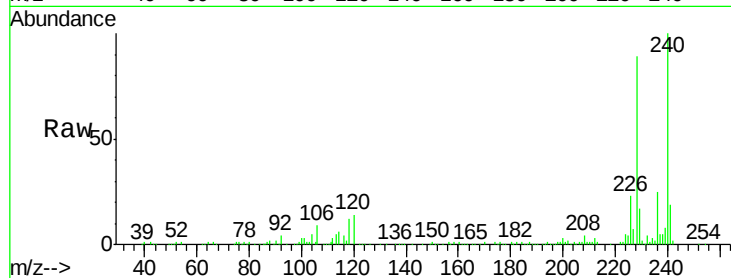
#75
Chrysene-d12
Concen: 20.00 ng
RT: 16.03 min Scan# 1325
Delta R.T. 0.00 min
Lab File: BF077695.D
Acq: 11 Mar 2015 19:03

Instrument :
BNA_F
ClientSampleId :
PB82059BS

Tot Ion	Ratio	Lower	Upper
240	100		
120	13.9	8.2	12.2#
236	25.3	20.0	30.0

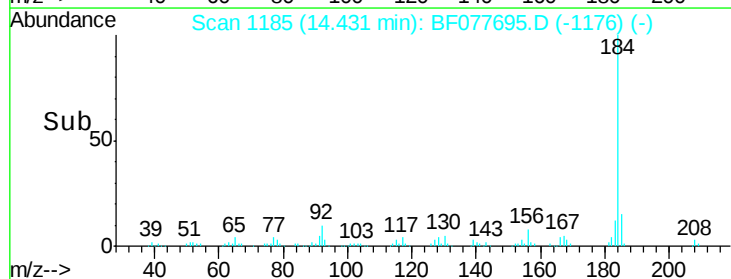
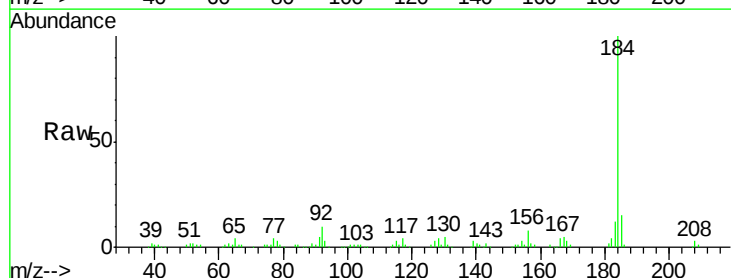
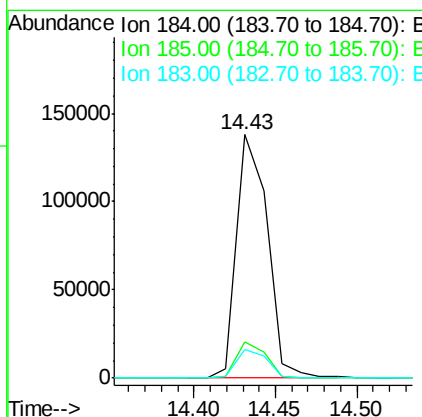
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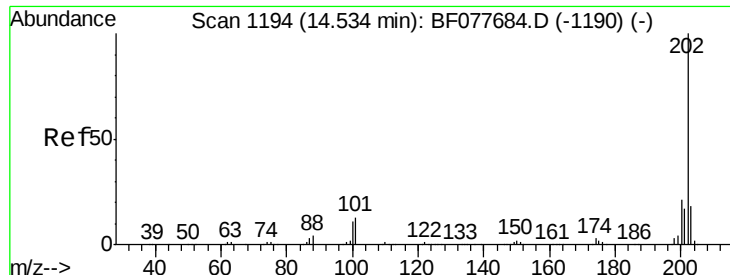
mohammad
3/13/2015 9:40:25 AM



#76
Benzidine
Concen: 28.41 ng
RT: 14.43 min Scan# 1185
Delta R.T. 0.00 min
Lab File: BF077695.D
Acq: 11 Mar 2015 19:03

Tgt Ion	Ratio	Lower	Upper
184	100		
185	14.7	11.3	16.9
183	11.7	8.9	13.3





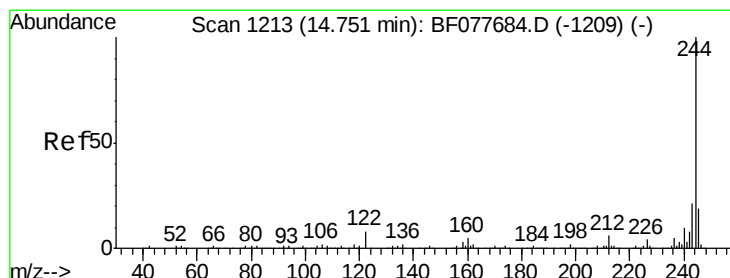
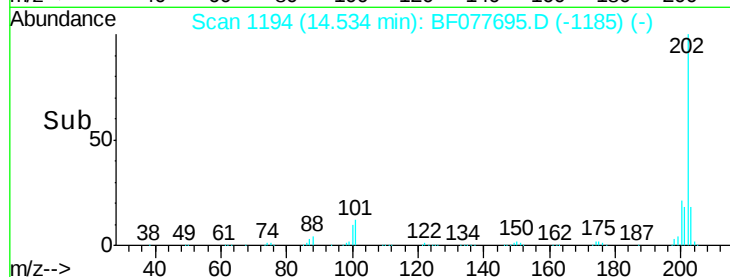
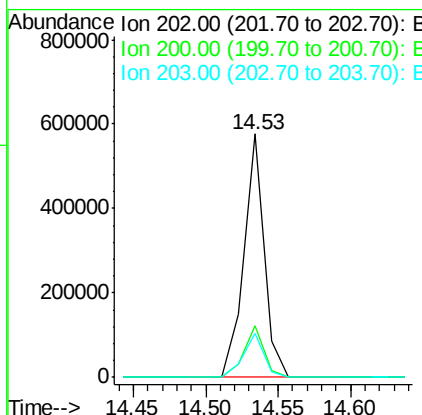
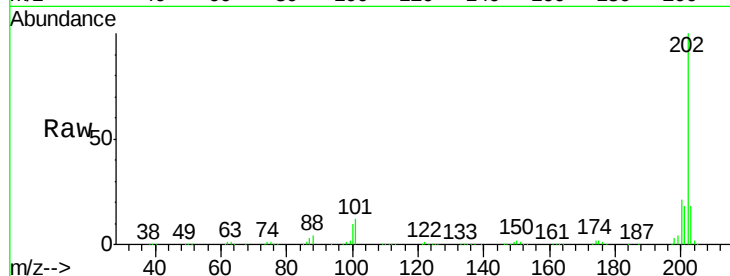
#77
Pvrene
Concen: 34.89 ng
RT: 14.53 min Scan# 1194
Delta R.T. 0.00 min
Lab File: BF077695.D
Acq: 11 Mar 2015 19:03

Instrument :
BNA_F
ClientSampleId :
PB82059BS

Tot Ion:	202	Resp:	559364
Ion Ratio	Lower	Upper	
202	100		
200	21.2	16.9	25.3
203	17.8	14.1	21.1

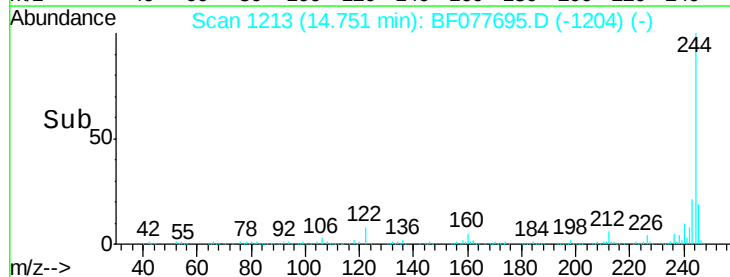
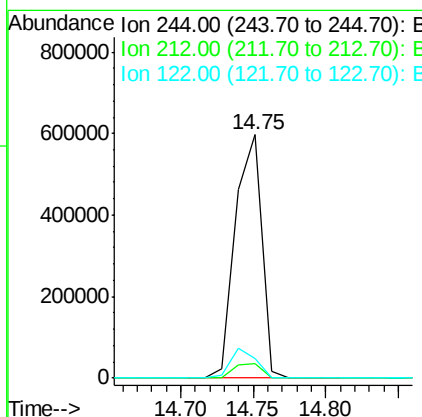
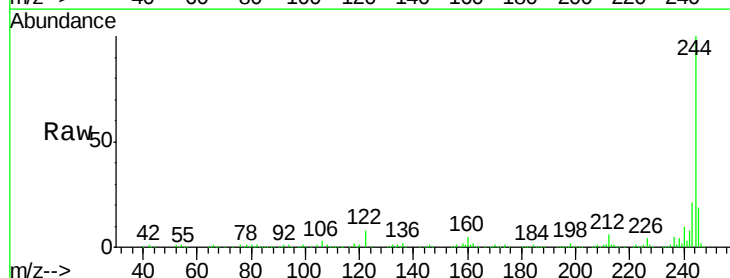
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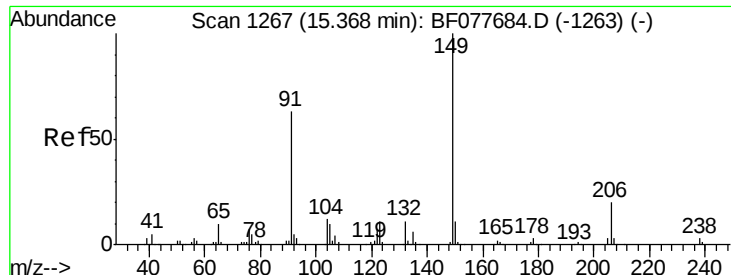
mohammad
3/13/2015 9:40:25 AM



#78
Terphenyl-d14
Concen: 72.34 ng
RT: 14.75 min Scan# 1213
Delta R.T. 0.00 min
Lab File: BF077695.D
Acq: 11 Mar 2015 19:03

Tgt Ion:	244	Resp:	755133
Ion Ratio	Lower	Upper	
244	100		
212	6.2	4.9	7.3
122	7.8	6.2	9.4





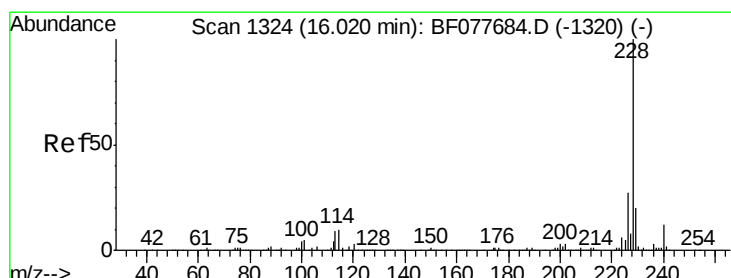
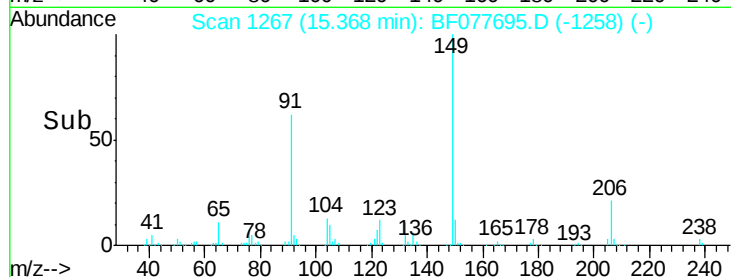
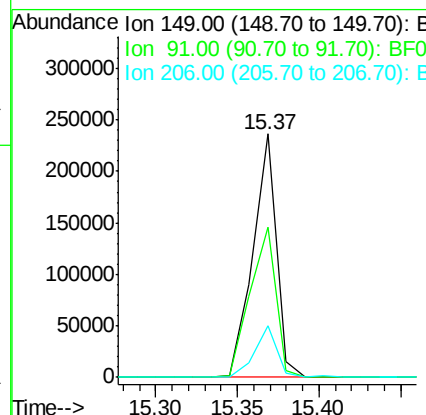
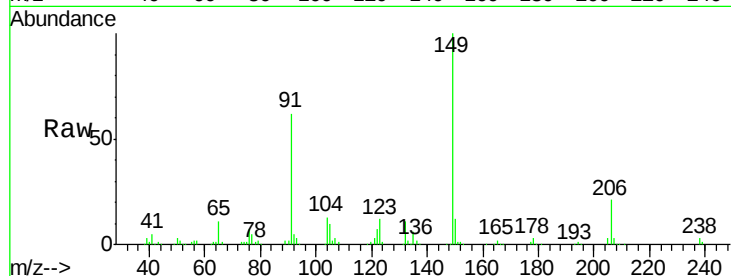
#79
Butylbenzylphthalate
Concen: 37.30 ng
RT: 15.37 min Scan# 1267
Delta R.T. 0.00 min
Lab File: BF077695.D
Acq: 11 Mar 2015 19:03

Instrument :
BNA_F
ClientSampleId :
PB82059BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	235792		
91	61.8	50.1	75.1	
206	20.9	16.2	24.2	

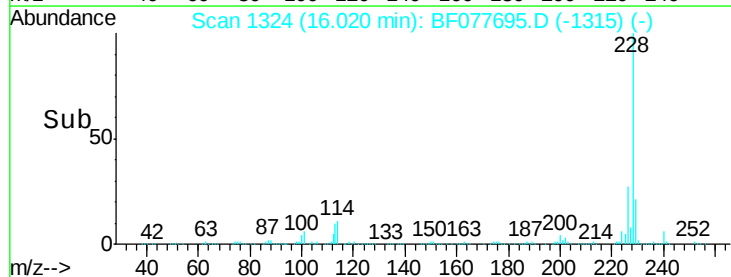
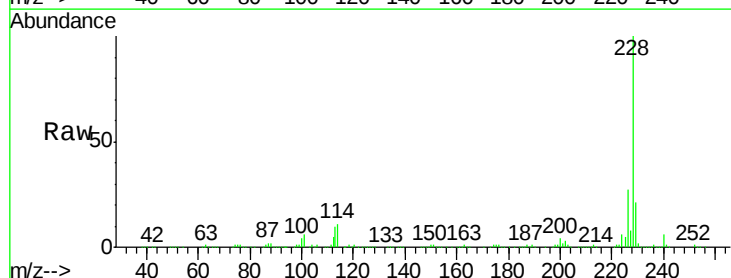
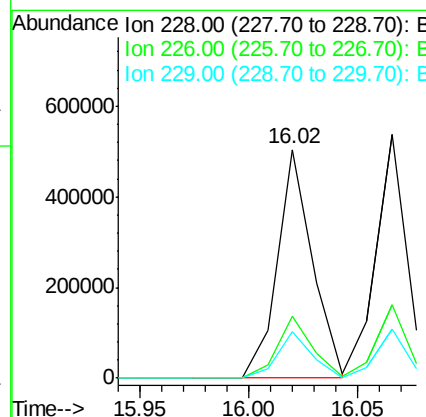
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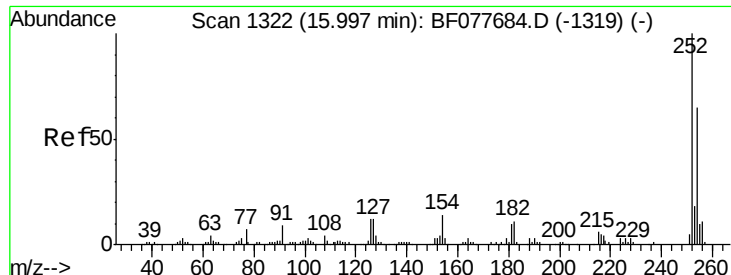
mohammad
3/13/2015 9:40:25 AM



#80
Benzo(a)anthracene
Concen: 37.76 ng
RT: 16.02 min Scan# 1324
Delta R.T. 0.00 min
Lab File: BF077695.D
Acq: 11 Mar 2015 19:03

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	570798		
226	27.2	21.7	32.5	
229	20.6	16.0	24.0	





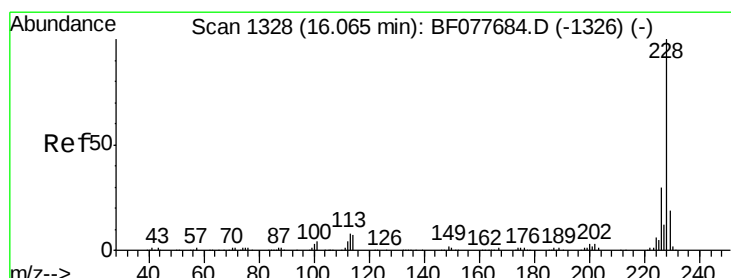
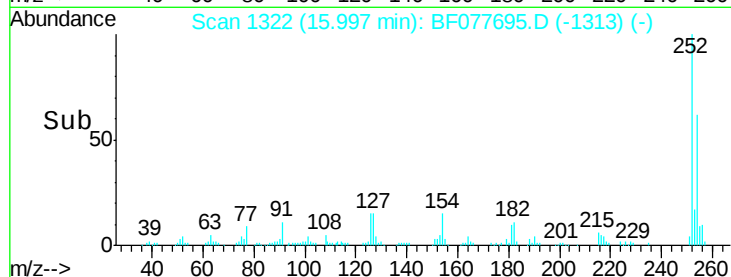
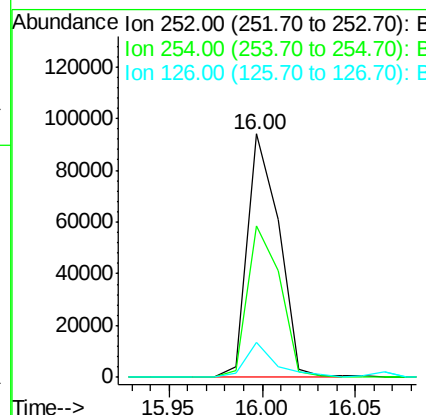
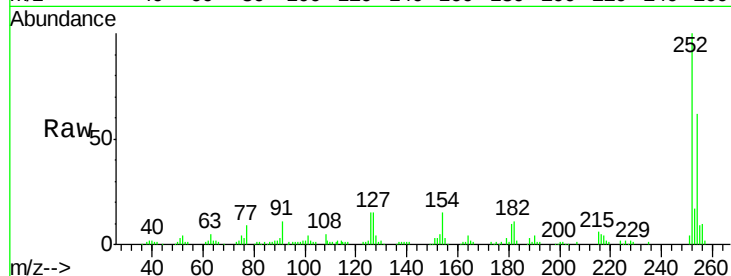
#81
 3,3'-Dichlorobenzidine
 Concen: 22.43 ng
 RT: 16.00 min Scan# 1322
 Delta R.T. 0.00 min
 Lab File: BF077695.D
 Acq: 11 Mar 2015 19:03

Instrument :
 BNA_F
 ClientSampleId :
 PB82059BS

Tot Ion	Ratio	Resp Lower	Upper
252	100		
254	62.0	51.9	77.9
126	14.6	9.8	14.8

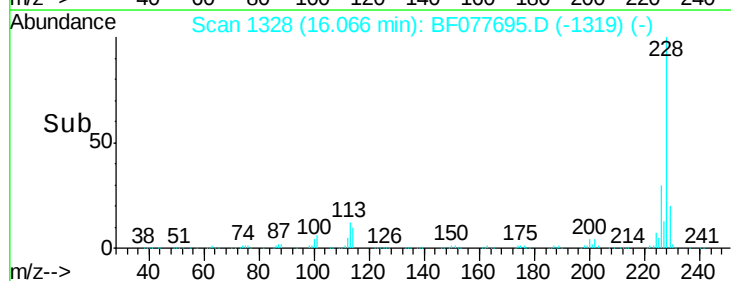
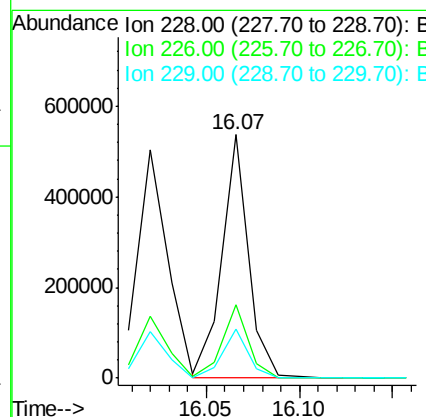
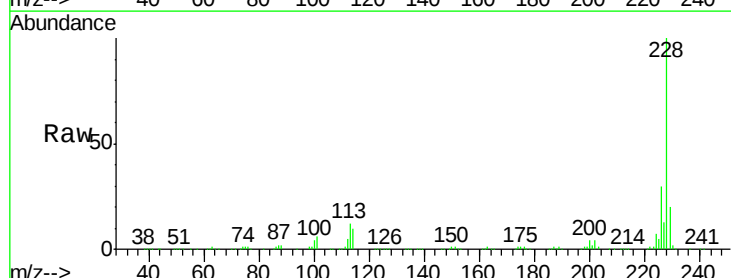
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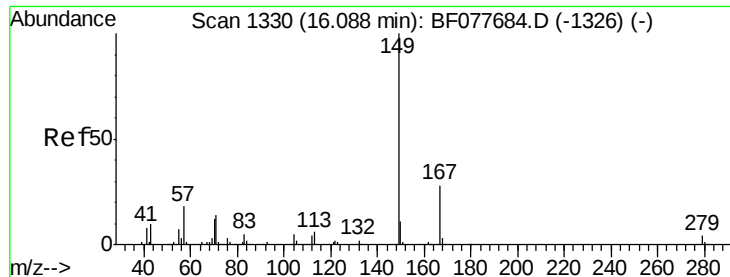
mohammad
 3/13/2015 9:40:25 AM



#82
 Chrysene
 Concen: 39.15 ng
 RT: 16.07 min Scan# 1328
 Delta R.T. 0.00 min
 Lab File: BF077695.D
 Acq: 11 Mar 2015 19:03

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
226	30.3	24.1	36.1
229	20.0	15.5	23.3





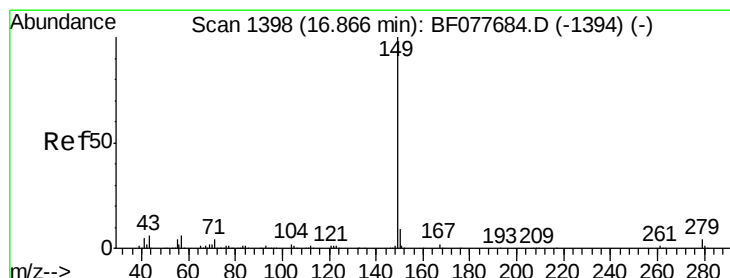
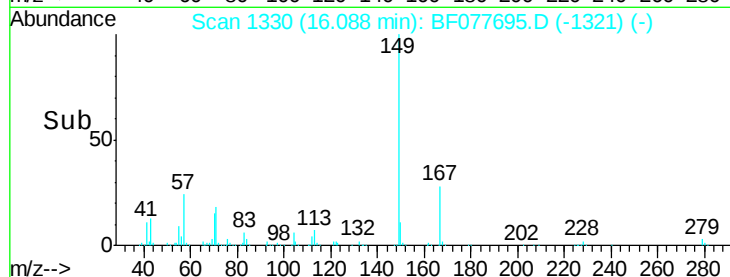
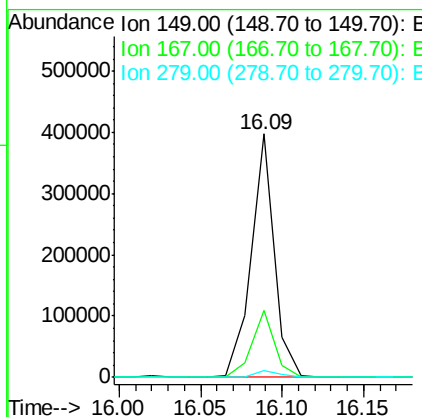
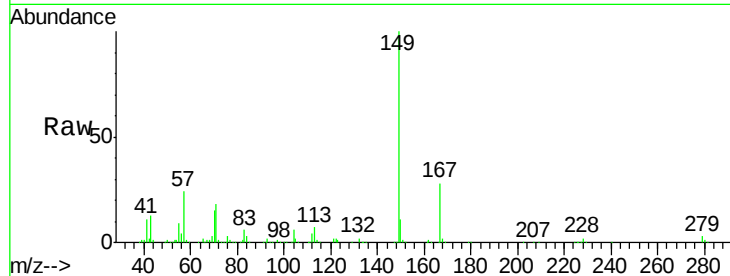
#83
Bis(2-ethylhexyl)phthalate
Concen: 40.80 ng
RT: 16.09 min Scan# 1330
Delta R.T. 0.00 min
Lab File: BF077695.D
Acq: 11 Mar 2015 19:03

Instrument :
BNA_F
ClientSampleId :
PB82059BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	390701		
167	27.6	22.4	33.6	
279	3.0	3.4	5.0	

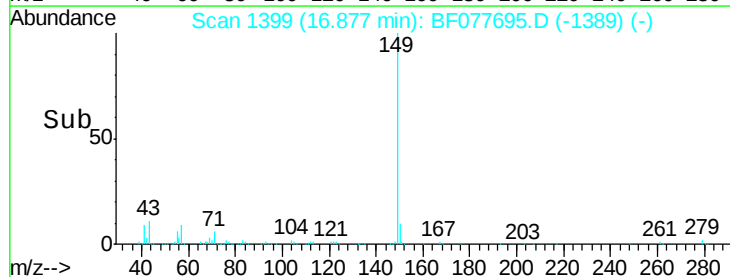
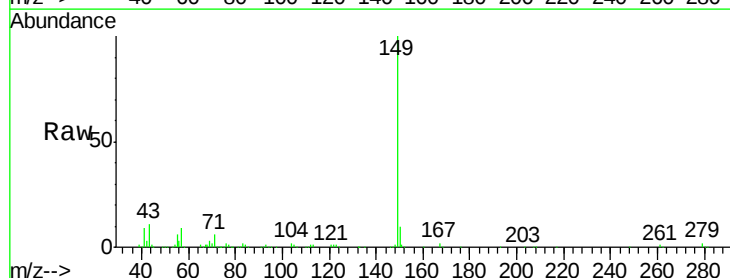
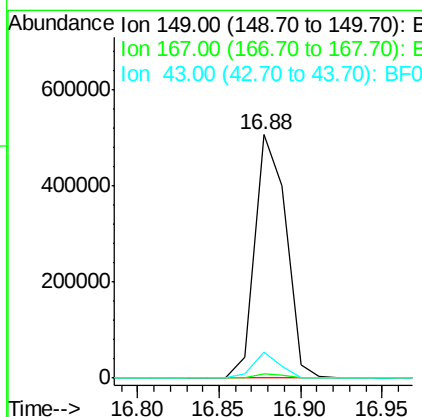
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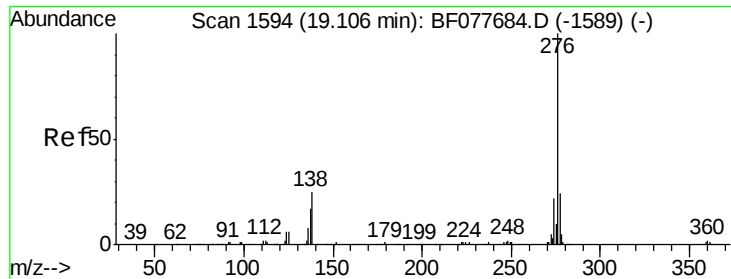
mohammad
3/13/2015 9:40:25 AM



#84
Di-n-octyl phthalate
Concen: 41.09 ng
RT: 16.88 min Scan# 1399
Delta R.T. 0.01 min
Lab File: BF077695.D
Acq: 11 Mar 2015 19:03

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	672773		
167	1.5	1.2	1.8	
43	9.3	7.3	10.9	





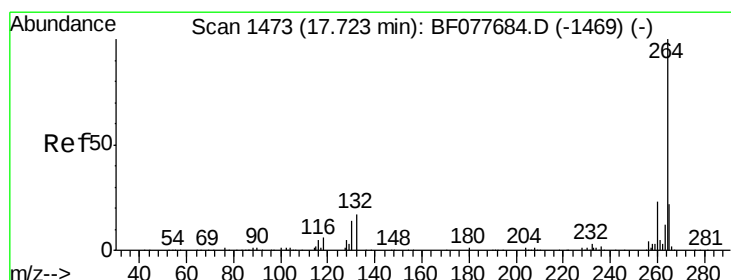
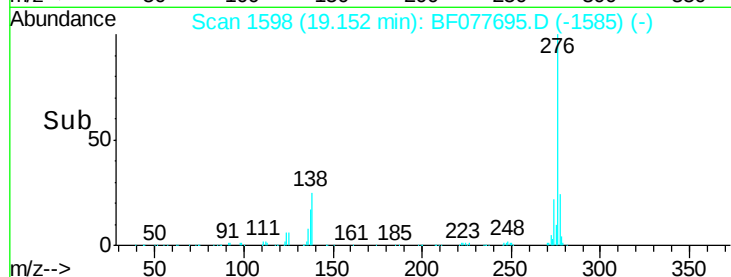
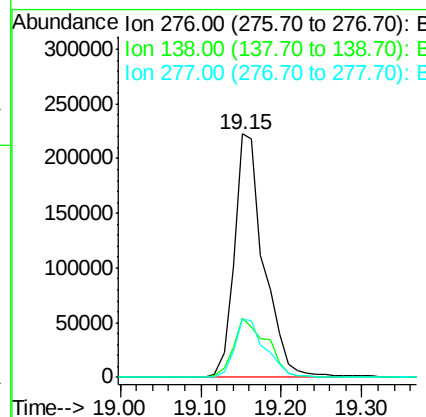
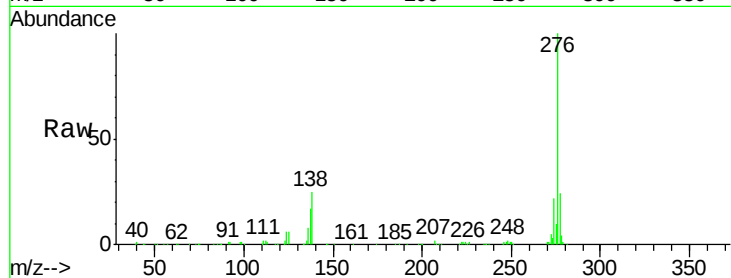
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 33.57 ng/ml
 RT: 19.15 min Scan# 1598
 Delta R.T. 0.05 min
 Lab File: BF077695.D
 Acq: 11 Mar 2015 19:03

Instrument :
 BNA_F
 ClientSampleId :
 PB82059BS

Tot Ion	Ratio	Resp Lower	Upper
276	100		
138	16.6	0.0	0.0#
277	16.2	0.0	0.0#

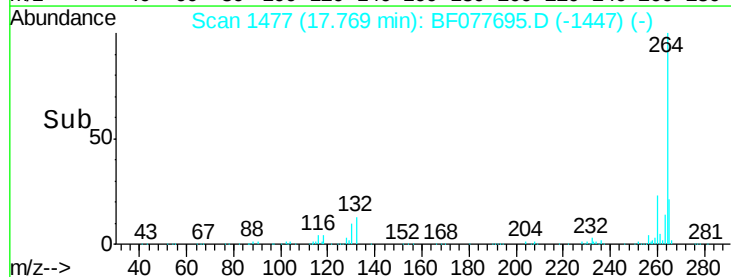
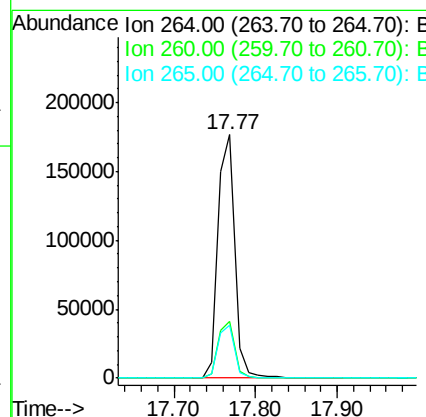
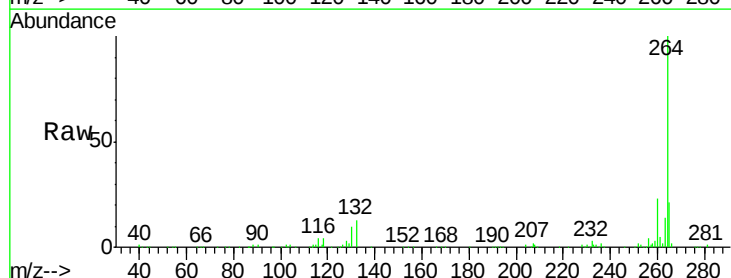
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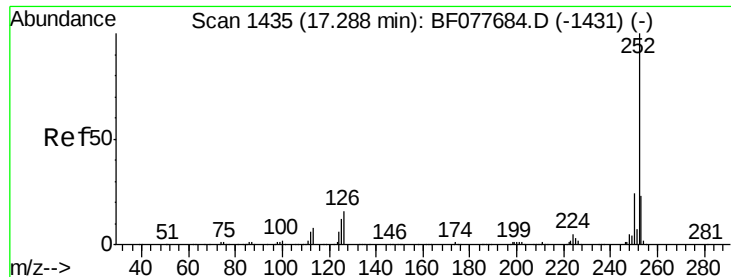
mohammad
 3/13/2015 9:40:25 AM



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 17.77 min Scan# 1477
 Delta R.T. 0.05 min
 Lab File: BF077695.D
 Acq: 11 Mar 2015 19:03

Tgt Ion	Ratio	Resp Lower	Upper
264	100		
260	23.3	18.6	27.8
265	21.5	17.3	25.9





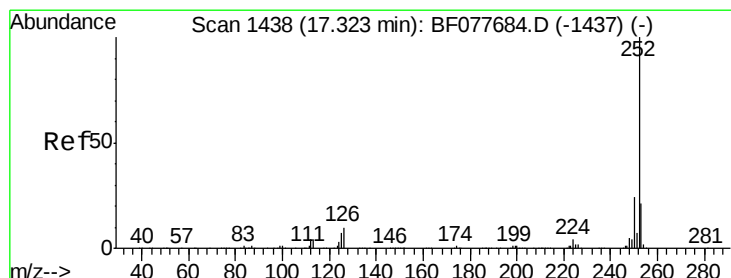
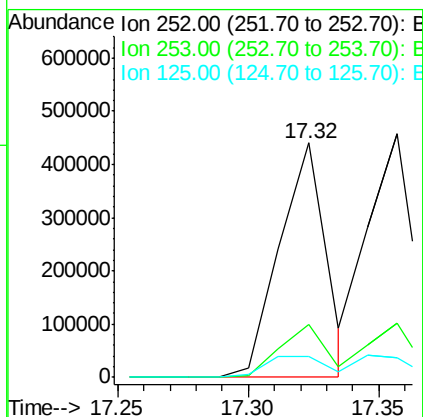
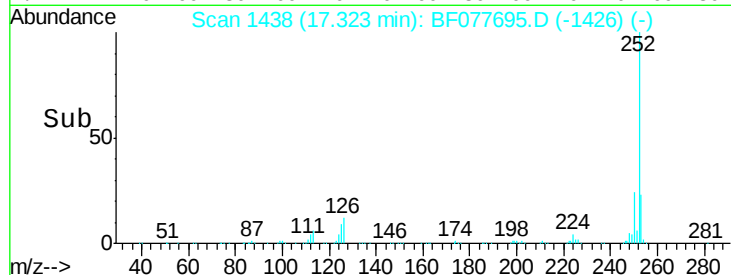
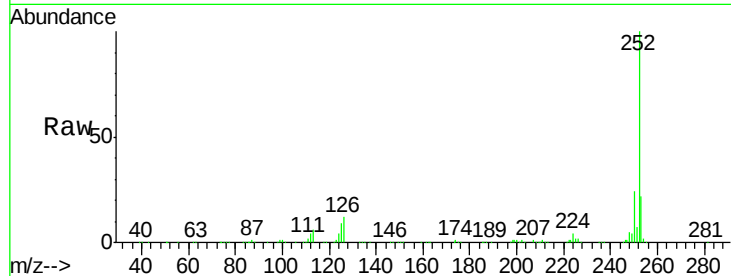
#87
Benzo(b)fluoranthene
Concen: 32.89 ng
RT: 17.32 min Scan# 1438
Delta R.T. 0.03 min
Lab File: BF077695.D
Acq: 11 Mar 2015 19:03

Instrument :
BNA_F
ClientSampleId :
PB82059BS

Tot Ion	Ratio	Resp Lower	Upper
252	100		
253	22.5	18.0	27.0
125	9.0	9.9	14.9

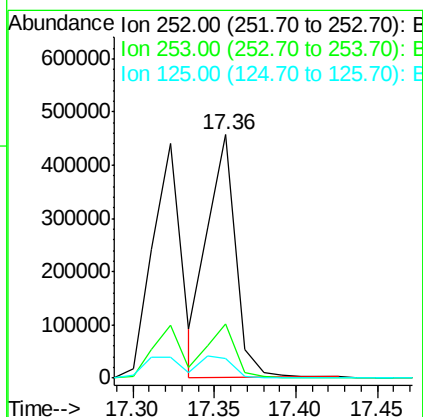
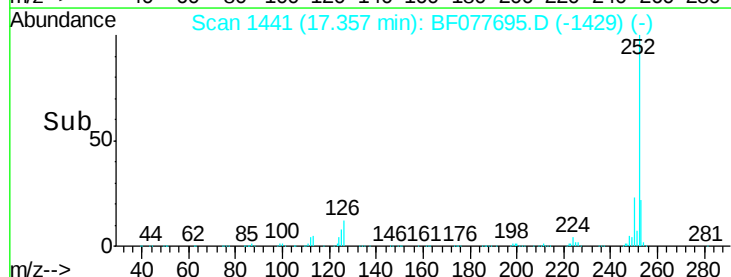
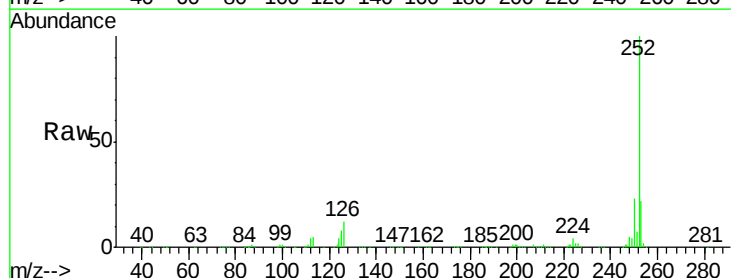
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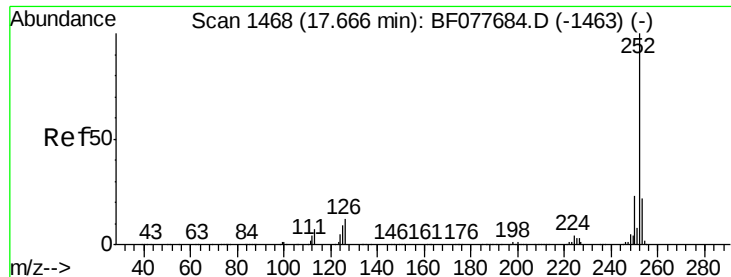
mohammad
3/13/2015 9:40:25 AM



#88
Benzo(k)fluoranthene
Concen: 42.71 ng
RT: 17.36 min Scan# 1441
Delta R.T. 0.03 min
Lab File: BF077695.D
Acq: 11 Mar 2015 19:03

Tgt Ion	Ratio	Resp Lower	Upper
252	100		
253	22.2	17.2	25.8
125	8.1	8.1	12.1





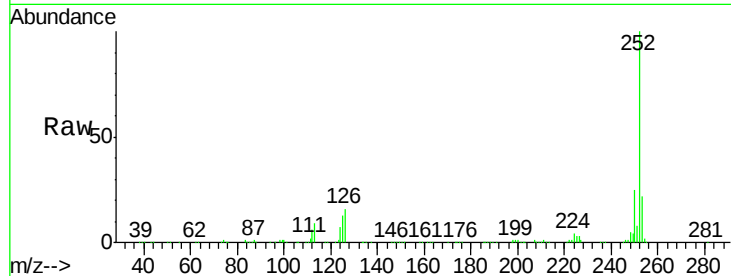
#89
Benzo(a)pyrene
Concen: 38.19 ng
RT: 17.70 min Scan# 1471
Delta R.T. 0.03 min
Lab File: BF077695.D
Acq: 11 Mar 2015 19:03

Instrument :
BNA_F
ClientSampleId :
PB82059BS

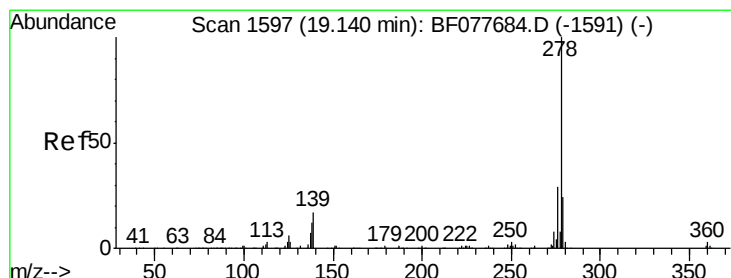
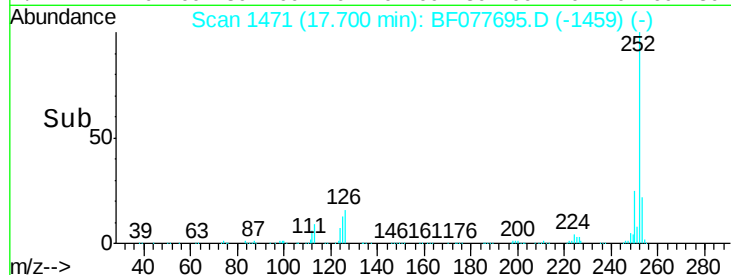
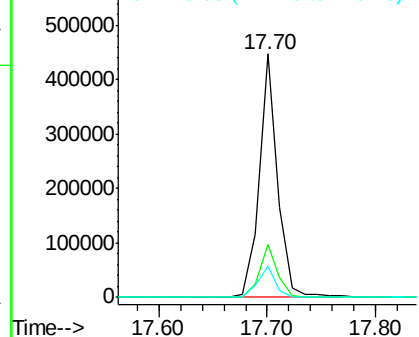
Tot Ion	Ratio	Resp Lower	Upper
252	100		
253	21.6	17.6	26.4
125	12.9	7.4	11.2

Manual Integrations
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mohammad
3/13/2015 9:40:25 AM



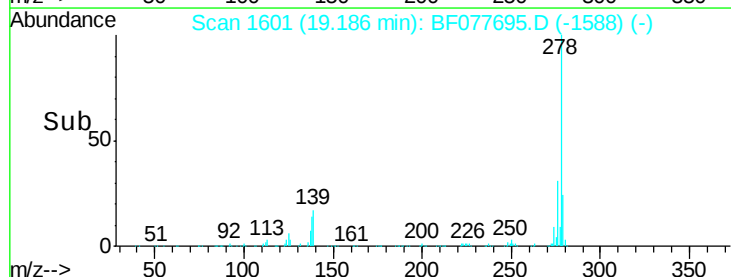
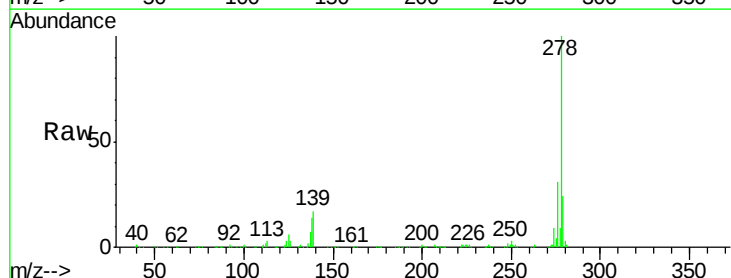
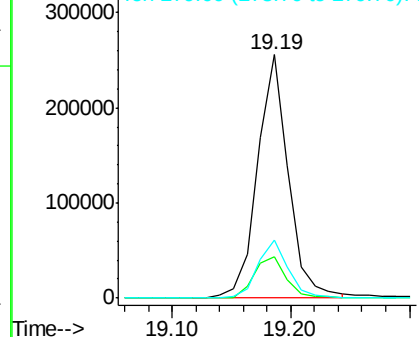
Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

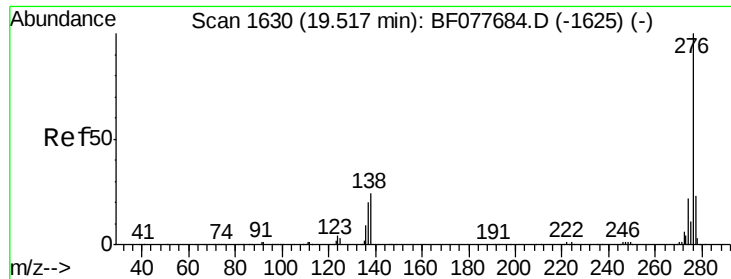


#90
Dibenzo(a,h)anthracene
Concen: 34.05 ng
RT: 19.19 min Scan# 1601
Delta R.T. 0.05 min
Lab File: BF077695.D
Acq: 11 Mar 2015 19:03

Tgt Ion	Ratio	Resp Lower	Upper
278	100		
139	17.2	13.4	20.0
279	24.0	19.0	28.4

Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E





#91
 Benzo(a,h,i)perylene
 Concen: 33.39 ng
 RT: 19.56 min Scan# 1634
 Delta R.T. 0.05 min
 Lab File: BF077695.D
 Acq: 11 Mar 2015 19:03

Instrument :
 BNA_F
 ClientSampleId :
 PB82059BS

Tot Ion:	276	Resp:	464934
Ion Ratio	Lower	Upper	
276	100		
277	23.5	18.5	27.7
138	25.6	19.0	28.6

Manual Integrations
 APPROVED

mohammad
 3/13/2015 9:40:25 AM

