

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032415\
 Data File : BF077950.D
 Acq On : 25 Mar 2015 11:42
 Operator : TP/IZ
 Sample : G1613-20MSD
 Misc :
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-14MSD

Manual Integrations
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 3/25/2015 5:01:46 PM

Quant Time: Mar 25 12:42:00 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 25 12:23:45 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.12	152	42998	20.00	ng	0.00
21) Naphthalene-d8	8.69	136	177733	20.00	ng	0.00
38) Acenaphthene-d10	10.87	164	90828	20.00	ng	0.00
63) Phenanthrene-d10	12.71	188	180268	20.00	ng	0.01
75) Chrysene-d12	15.99	240	190732	20.00	ng	0.00
86) Perylene-d12	17.75	264	189799	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.41	112	253017	102.71	ng	0.01
7) Phenol-d6	6.70	99	330002	108.43	ng	0.01
23) Nitrobenzene-d5	7.81	82	181956	67.11	ng	0.00
41) 2,4,6-Tribromophenol	11.85	330	80774	92.95	ng	0.01
44) 2-Fluorobiphenyl	10.04	172	408232	66.05	ng	0.00
78) Terphenyl-d14	14.69	244	483485	61.92	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.00	88	27234	24.35	ng	# 100
3) Pyridine	2.68	79	69352	23.08	ng	97
4) n-Nitrosodimethylamine	2.60	42	39580	30.25	ng	89
6) Aniline	6.70	93	48978	11.25	ng	# 44
8) 2-Chlorophenol	6.85	128	96342	32.86	ng	99
9) Benzaldehyde	6.57	77	5232	4.20	ng	95
10) Phenol	6.72	94	125855	34.98	ng	78
11) bis(2-Chloroethyl)ether	6.82	93	88953	33.01	ng	98
12) 1,3-Dichlorobenzene	7.05	146	98540m	30.22	ng	
13) 1,4-Dichlorobenzene	7.14	146	101219	29.87	ng	94
14) 1,2-Dichlorobenzene	7.32	146	97257	31.31	ng	95
15) Benzyl Alcohol	7.31	79	76412	32.16	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.49	45	117982	32.49	ng	98
17) 2-Methylphenol	7.47	107	74818	31.34	ng	98
18) Hexachloroethane	7.74	117	28578	25.71	ng	# 82
19) n-Nitroso-di-n-propylamine	7.64	70	66684	31.67	ng	98
20) 3+4-Methylphenols	7.66	107	102214	32.63	ng	98
22) Acetophenone	7.63	105	134415	34.16	ng	# 98
24) Nitrobenzene	7.84	77	94123	32.22	ng	95
25) Isophorone	8.14	82	168981	30.86	ng	96
26) 2-Nitrophenol	8.24	139	35104	24.55	ng	98
27) 2,4-Dimethylphenol	8.30	122	84125	32.29	ng	95
28) bis(2-Chloroethoxy)methane	8.42	93	106620	32.08	ng	99
29) 2,4-Dichlorophenol	8.53	162	79987	32.21	ng	96
30) 1,2,4-Trichlorobenzene	8.64	180	83566	30.08	ng	98
31) Naphthalene	8.73	128	281519	30.84	ng	99
32) Benzoic acid	8.41	122	39767	28.69	ng	95
33) 4-Chloroaniline	8.81	127	56935	15.37	ng	98
34) Hexachlorobutadiene	8.88	225	46731	29.67	ng	96
35) Caprolactam	9.23	113	24031	33.11	ng	96
36) 4-Chloro-3-methylphenol	9.42	107	83258	33.32	ng	94
37) 2-Methylnaphthalene	9.58	142	200639	32.72	ng	98
39) 1,2,4,5-Tetrachlorobenzene	9.79	216	85331	31.50	ng	# 100
40) Hexachlorocyclopentadiene	9.77	237	16076	14.55	ng	94

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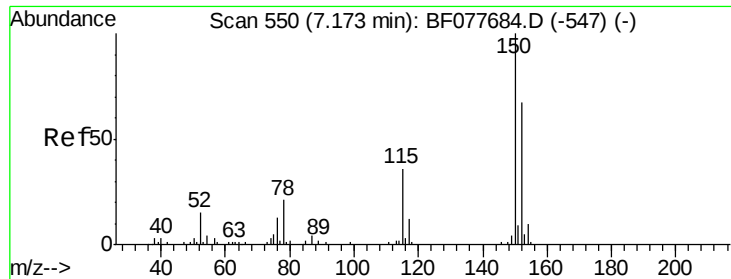
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.94	196	57056	30.40	ng	99
43) 2,4,5-Trichlorophenol	10.00	196	59744	29.47	ng	99
45) 1,1'-Biphenyl	10.17	154	231410	31.87	ng	99
46) 2-Chloronaphthalene	10.18	162	185889	31.50	ng	# 90
47) 2-Nitroaniline	10.32	65	52494	35.82	ng	85
48) Acenaphthylene	10.69	152	293142	29.88	ng	99
49) Dimethylphthalate	10.56	163	219800	32.63	ng	100
50) 2,6-Dinitrotoluene	10.62	165	40100	28.72	ng	# 86
51) Acenaphthene	10.91	154	170469	30.30	ng	99
52) 3-Nitroaniline	10.83	138	51584	31.81	ng	88
53) 2,4-Dinitrophenol	10.98	184	991	9.80	ng	# 79
54) Dibenzofuran	11.13	168	259639	31.12	ng	98
55) 4-Nitrophenol	11.06	139	66557	55.40	ng	# 67
56) 2,4-Dinitrotoluene	11.13	165	53412	29.33	ng	# 72
57) Fluorene	11.55	166	211698	30.56	ng	100
58) 2,3,4,6-Tetrachlorophenol	11.28	232	49884	31.96	ng	# 100
59) Diethylphthalate	11.44	149	205169	31.26	ng	99
60) 4-Chlorophenyl-phenylether	11.56	204	97299	30.77	ng	91
61) 4-Nitroaniline	11.59	138	54403	33.66	ng	87
62) Azobenzene	11.76	77	199687	31.83	ng	95
64) 4,6-Dinitro-2-methylphenol	11.63	198	1239	5.62	ng	95
65) n-Nitrosodiphenylamine	11.71	169	179260	29.86	ng	99
66) 4-Bromophenyl-phenylether	12.16	248	56847	29.55	ng	# 77
67) Hexachlorobenzene	12.23	284	58262	27.56	ng	96
68) Atrazine	12.39	200	57960	34.46	ng	98
69) Pentachlorophenol	12.48	266	60598	55.71	ng	98
70) Phenanthrene	12.73	178	306059	29.57	ng	99
71) Anthracene	12.80	178	315579	30.87	ng	100
72) Carbazole	13.00	167	298063	30.65	ng	100
73) Di-n-butylphthalate	13.46	149	353088	32.38	ng	99
74) Fluoranthene	14.20	202	346939	30.39	ng	96
76) Benzidine	14.40	184	313147	66.70	ng	100
77) Pyrene	14.49	202	367924	30.68	ng	100
79) Butylbenzylphthalate	15.32	149	156742	33.15	ng	96
80) Benzo(a)anthracene	15.97	228	350955	31.04	ng	99
81) 3,3'-Dichlorobenzidine	15.96	252	122699	32.90	ng	# 97
82) Chrysene	16.02	228	331986	32.66	ng	100
83) Bis(2-ethylhexyl)phthalate	16.04	149	243622	34.01	ng	# 96
84) Di-n-octyl phthalate	16.84	149	423657	34.59	ng	100
85) Indeno(1,2,3-cd)pyrene	19.12	276	350253	27.60	ng	# 100
87) Benzo(b)fluoranthene	17.29	252	380059	30.67	ng	99
88) Benzo(k)fluoranthene	17.32	252	301170m	31.12	ng	
89) Benzo(a)pyrene	17.68	252	335398	32.44	ng	# 97
90) Dibenzo(a,h)anthracene	19.15	278	294570	28.73	ng	100
91) Benzo(g,h,i)perylene	19.53	276	286822	27.48	ng	97

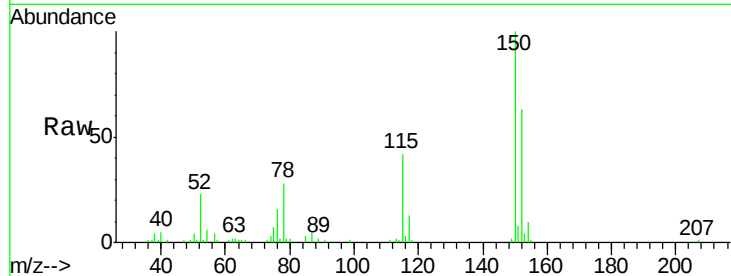
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.12 min Scan# 545
Delta R.T. -0.00 min
Lab File: BF077950.D
Acq: 25 Mar 2015 11:42

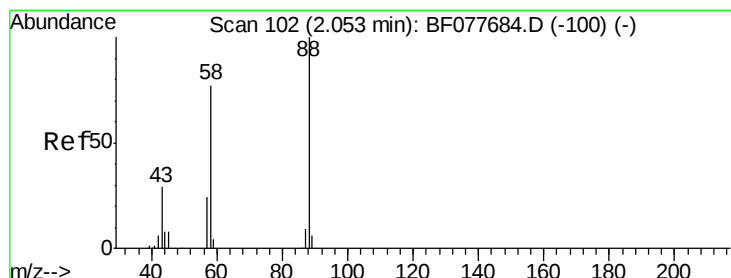
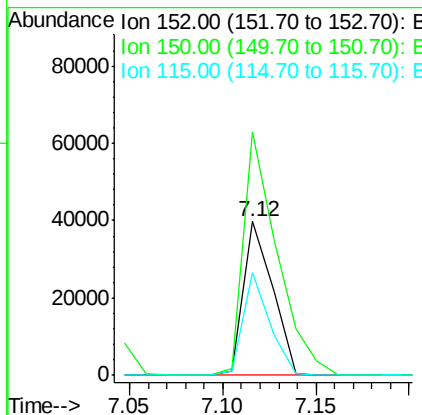
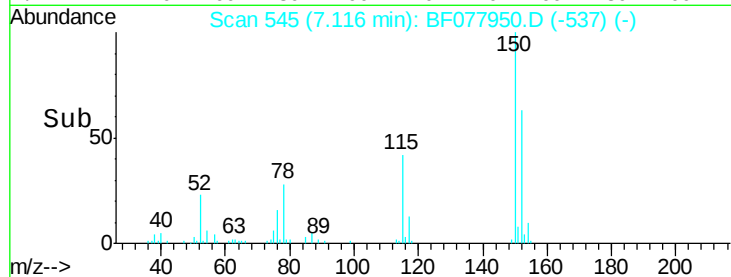
Instrument :
BNA_F
ClientSampleId :
SB-14MSD



Tgt Ion	Ratio	Lower	Upper
152	100		
150	158.6	119.5	179.3
115	66.8	43.0	64.4#

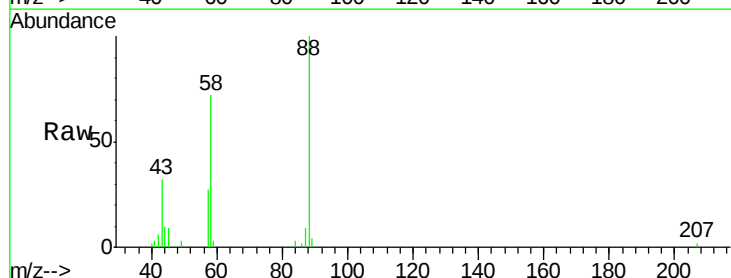
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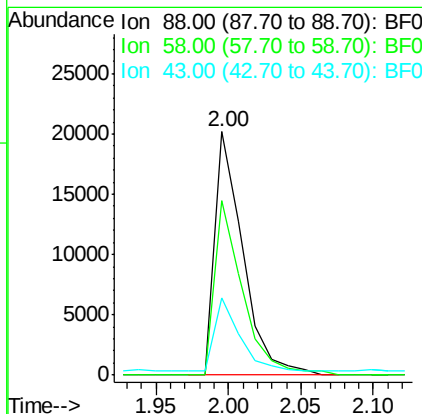
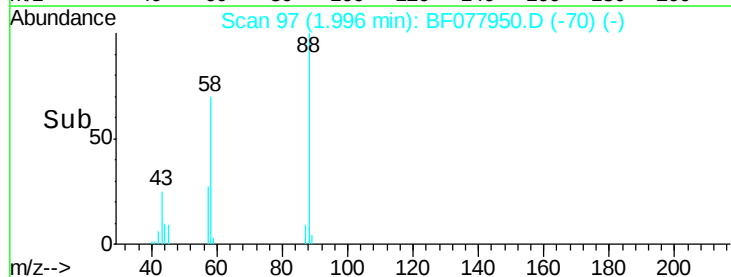


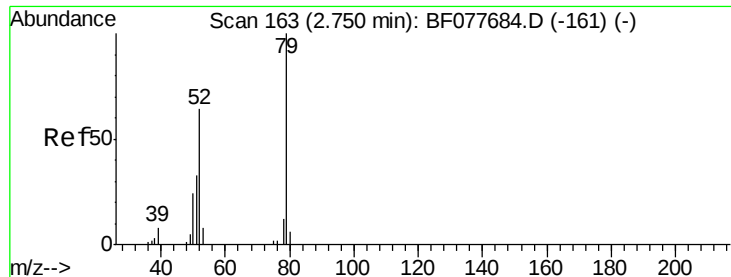
#2

1,4-Dioxane
Concen: 24.35 ng
RT: 2.00 min Scan# 97
Delta R.T. 0.01 min
Lab File: BF077950.D
Acq: 25 Mar 2015 11:42



Tgt Ion	Ratio	Lower	Upper
88	100		
58	71.6	0.0	0.0#
43	27.5	0.0	0.0#





#3

Pyridine

Concen: 23.08 ng

RT: 2.68 min Scan# 157

Delta R.T. 0.03 min

Lab File: BF077950.D

Acq: 25 Mar 2015 11:42

Instrument :

BNA_F

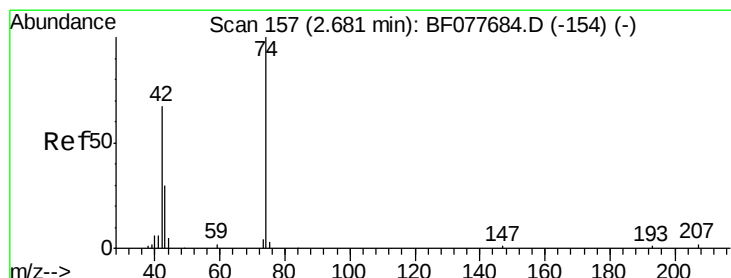
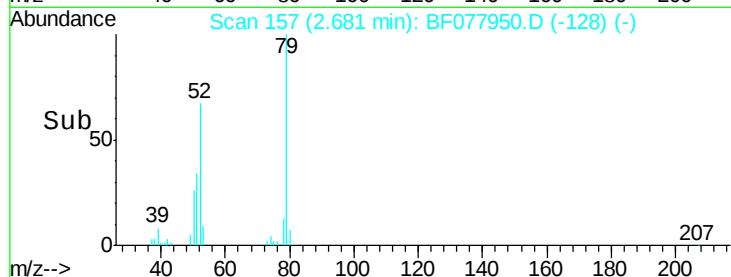
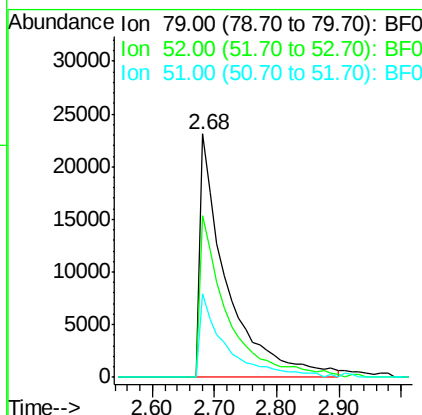
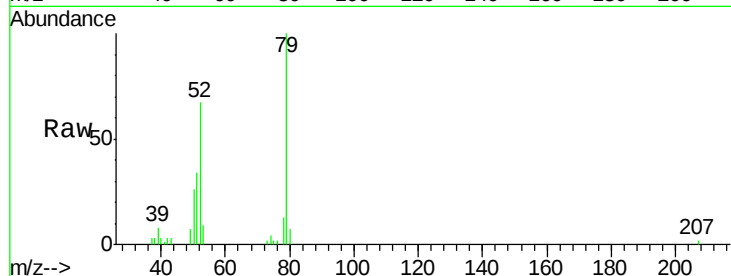
ClientSampleId :

SB-14MSD

Tgt Ion:	79	Resp:	69352
Ion	Ratio	Lower	Upper
79	100		
52	66.5	51.1	76.7
51	34.2	26.1	39.1

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#4

n-Nitrosodimethylamine

Concen: 30.25 ng

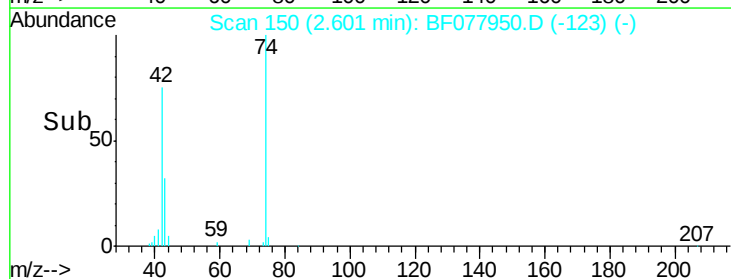
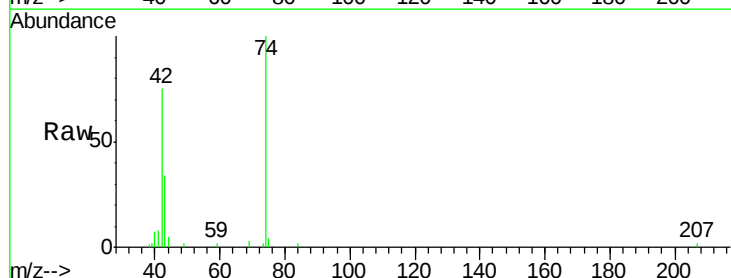
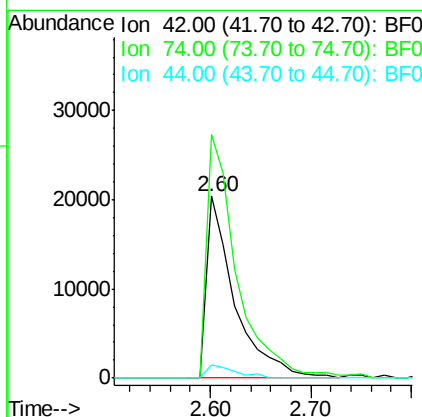
RT: 2.60 min Scan# 150

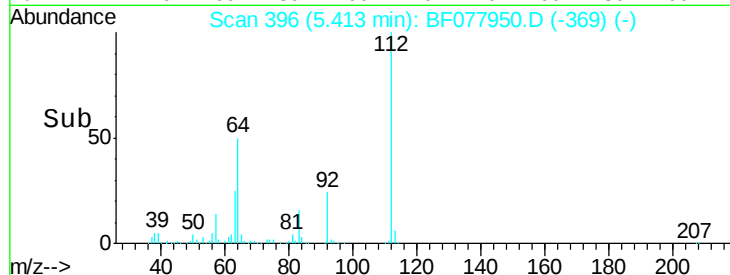
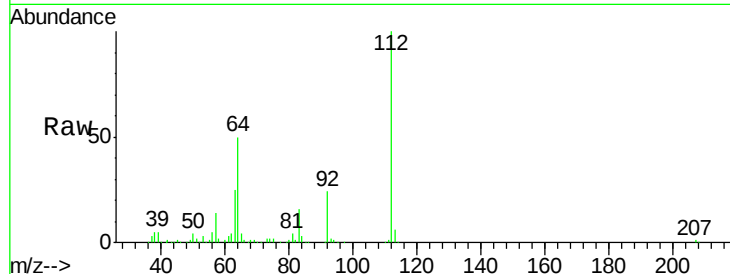
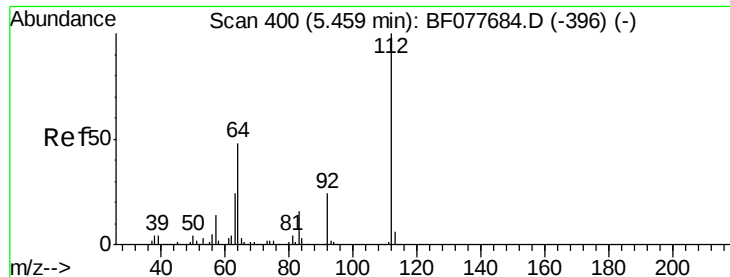
Delta R.T. 0.01 min

Lab File: BF077950.D

Acq: 25 Mar 2015 11:42

Tgt Ion:	42	Resp:	39580
Ion	Ratio	Lower	Upper
42	100		
74	134.1	119.3	178.9
44	7.2	5.4	8.2





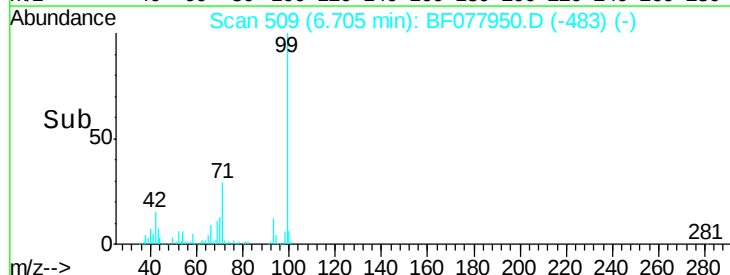
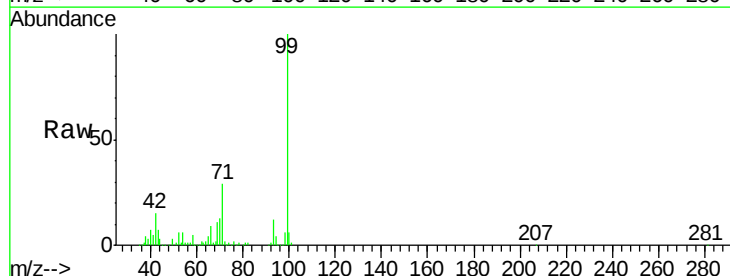
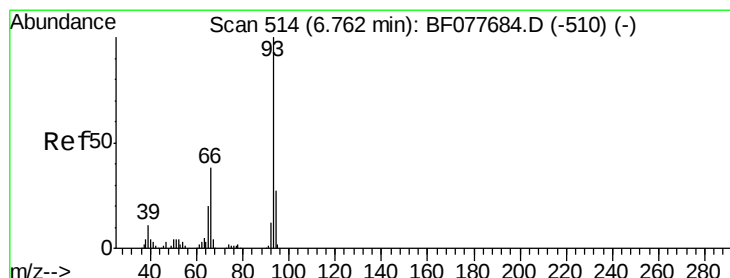
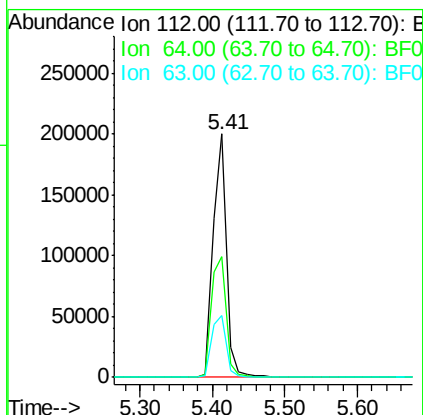
#5
2-Fluorophenol
Concen: 102.71 ng
RT: 5.41 min Scan# 396
Delta R.T. 0.01 min
Lab File: BF077950.D
Acq: 25 Mar 2015 11:42

Tgt Ion	Ratio	Resp	Lower	Upper
112	100	253017		
64	49.8	38.6	57.8	
63	25.4	19.3	28.9	

Instrument :
BNA_F
ClientSampleId :
SB-14MSD

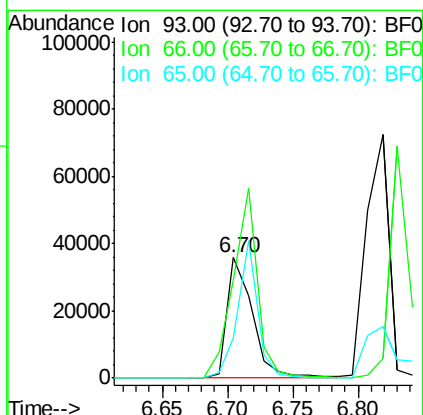
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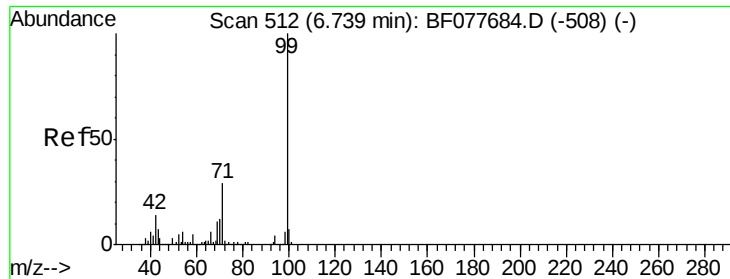
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#6
Aniline
Concen: 11.25 ng
RT: 6.70 min Scan# 509
Delta R.T. 0.00 min
Lab File: BF077950.D
Acq: 25 Mar 2015 11:42

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	48978		
66	81.3	30.8	46.2#	
65	33.6	16.0	24.0#	





#7

Phenol-d6

Concen: 108.43 ng

RT: 6.70 min Scan# 509

Delta R.T. 0.01 min

Lab File: BF077950.D

Acq: 25 Mar 2015 11:42

Instrument :

BNA_F

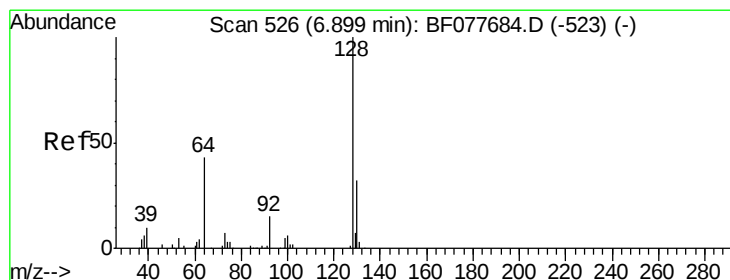
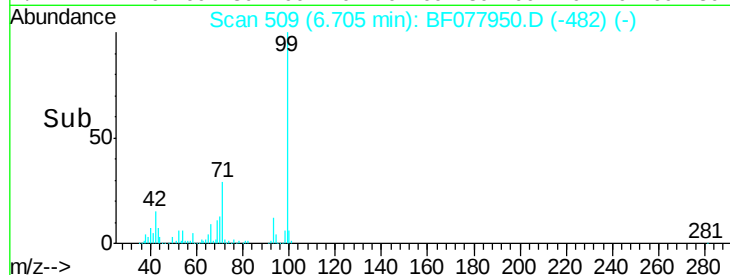
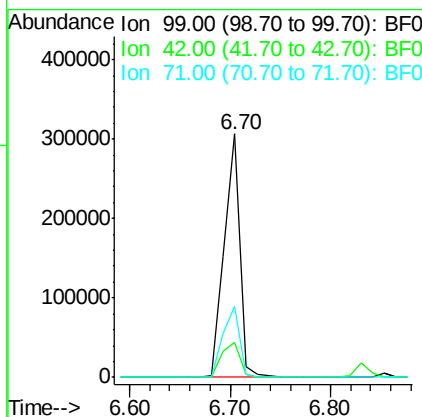
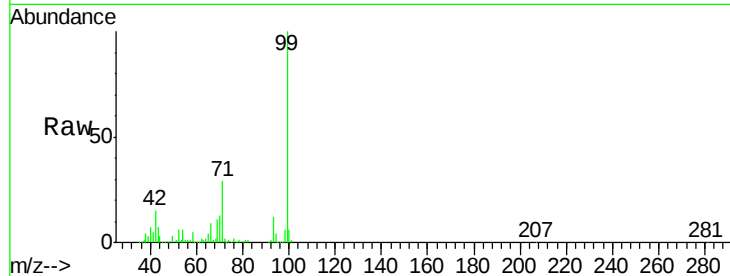
ClientSampleId :

SB-14MSD

Tgt Ion:	99	Resp:	330002
Ion Ratio	Lower	Upper	
99	100		
42	14.5	11.0	16.4
71	29.1	23.4	35.2

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#8

2-Chlorophenol

Concen: 32.86 ng

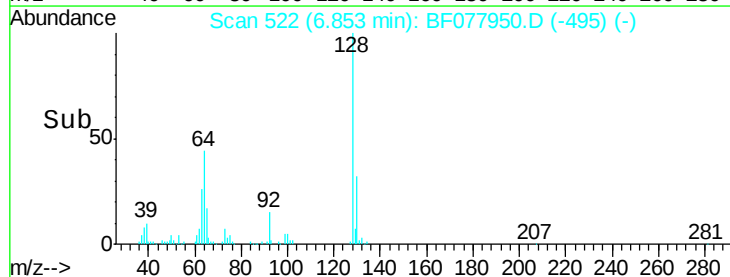
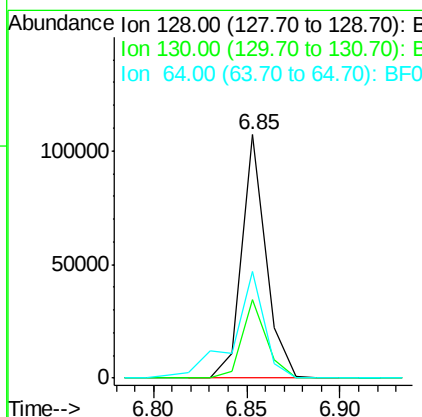
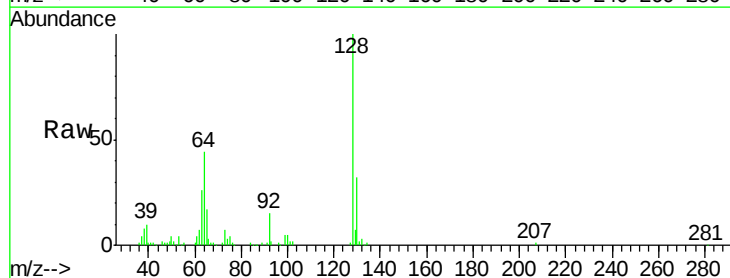
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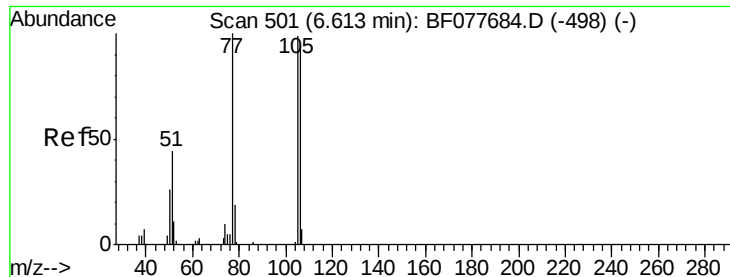
Delta R.T. 0.01 min

Lab File: BF077950.D

Acq: 25 Mar 2015 11:42

Tgt Ion:	128	Resp:	96342
Ion Ratio	Lower	Upper	
128	100		
130	32.4	12.0	52.0
64	43.7	24.9	64.9





#9

Benzaldehyde

Concen: 4.20 ng

RT: 6.57 min Scan# 497

Delta R.T. 0.01 min

Lab File: BF077950.D

Acq: 25 Mar 2015 11:42

Instrument :

BNA_F

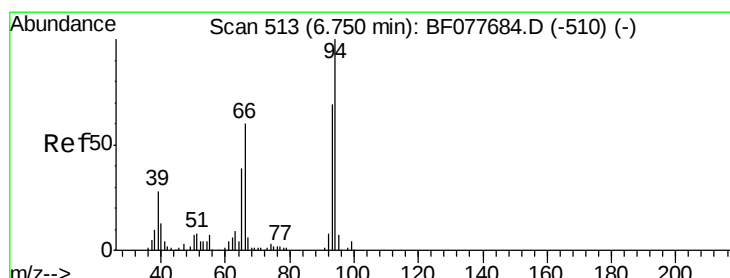
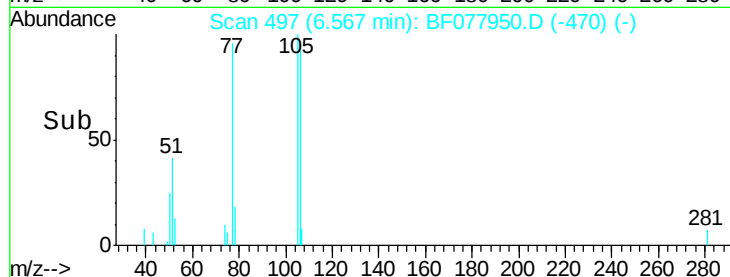
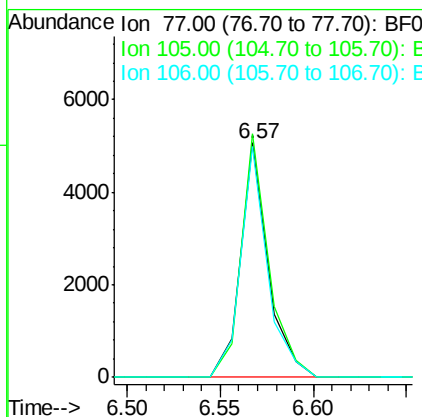
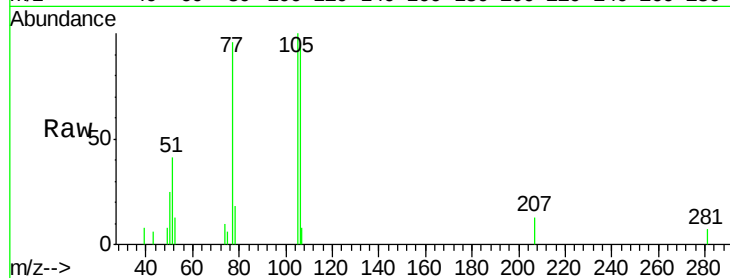
ClientSampleId :

SB-14MSD

Tgt Ion:	77	Resp:	5232
Ion	Ratio	Lower	Upper
77	100		
105	104.0	78.8	118.8
106	98.8	73.7	113.7

Manual Integrations
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#10

Phenol

Concen: 34.98 ng

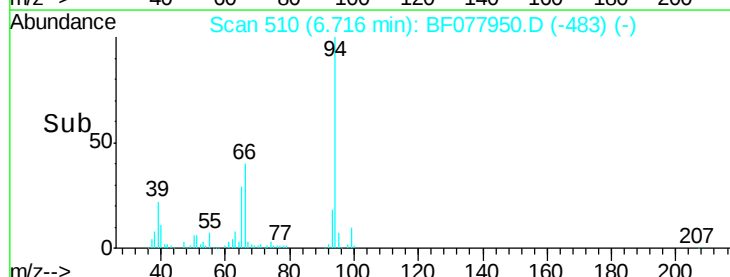
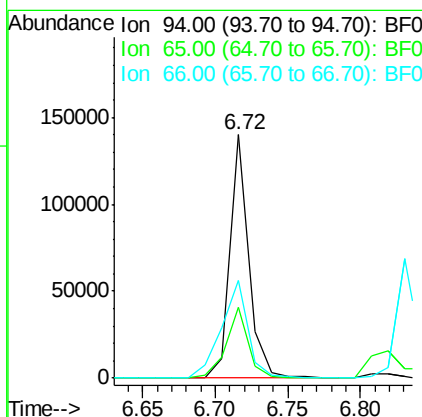
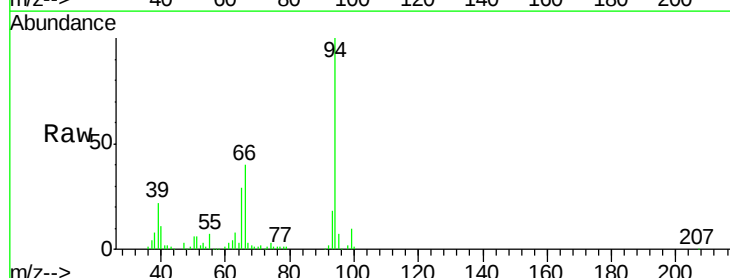
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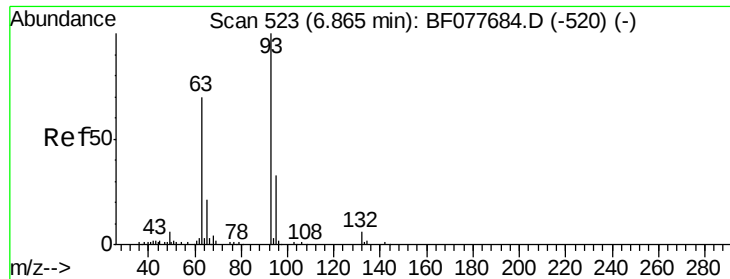
Delta R.T. 0.01 min

Lab File: BF077950.D

Acq: 25 Mar 2015 11:42

Tgt Ion:	94	Resp:	125855
Ion	Ratio	Lower	Upper
94	100		
65	29.1	18.8	58.8
66	40.3	39.9	79.9





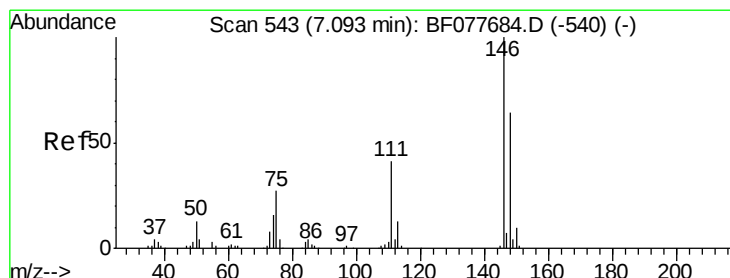
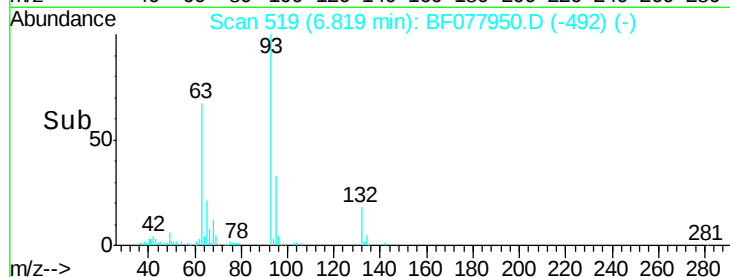
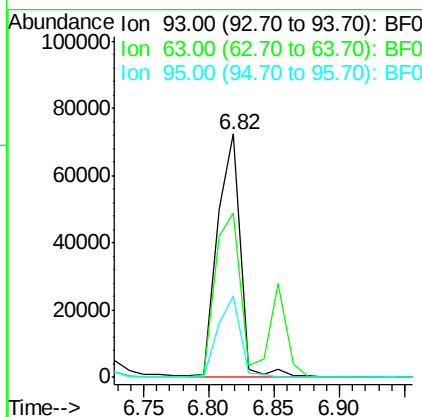
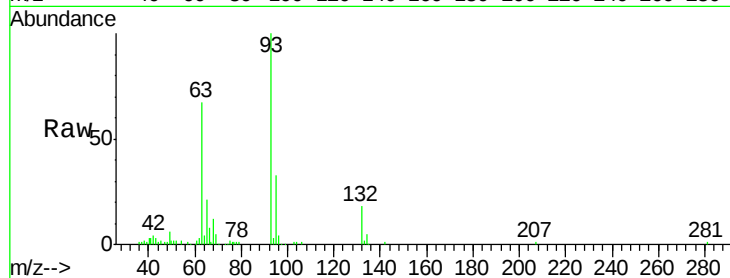
#11
bis(2-Chloroethyl)ether
Concen: 33.01 ng
RT: 6.82 min Scan# 519
Delta R.T. 0.01 min
Lab File: BF077950.D
Acq: 25 Mar 2015 11:42

Instrument :
BNA_F
ClientSampleId :
SB-14MSD

Tgt Ion	Ratio	Resp Lower	Resp Upper
93	100		
63	67.4	49.5	89.5
95	33.2	13.5	53.5

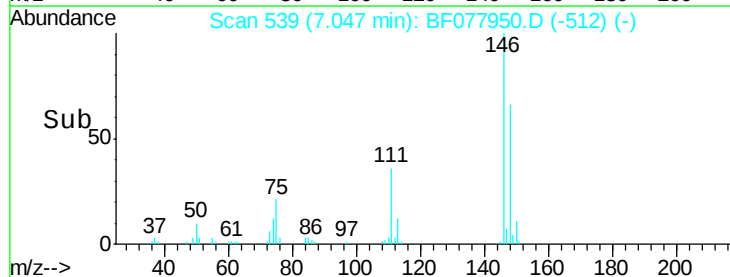
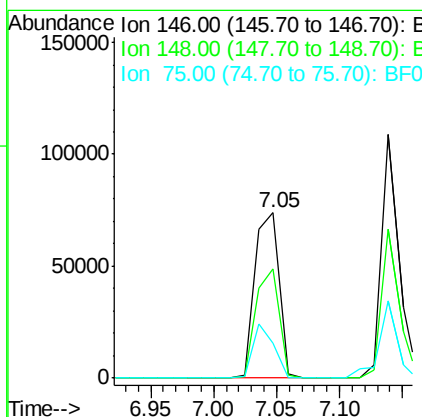
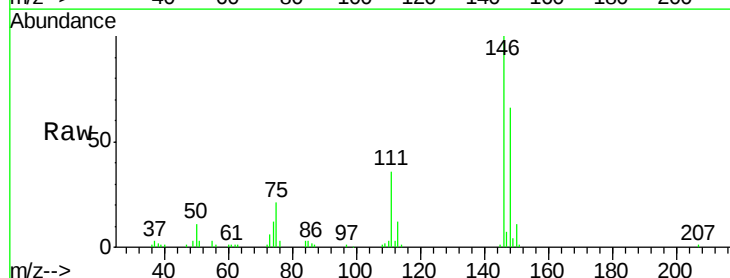
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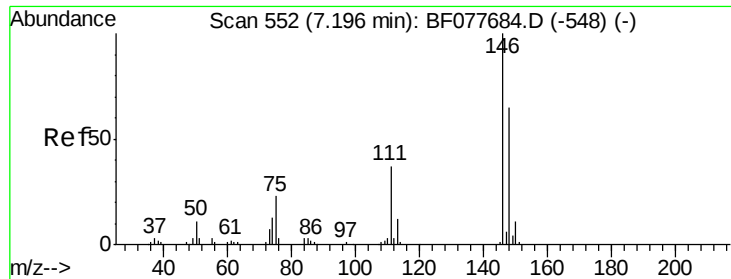
mohammad
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#12
1,3-Dichlorobenzene
Concen: 30.22 ng m
RT: 7.05 min Scan# 539
Delta R.T. 0.01 min
Lab File: BF077950.D
Acq: 25 Mar 2015 11:42

Tgt Ion	Ratio	Resp Lower	Resp Upper
146	100		
148	66.1	50.9	76.3
75	21.3	21.4	32.2





#13

1,4-Dichlorobenzene

Concen: 29.87 ng

RT: 7.14 min Scan# 547

Delta R.T. 0.00 min

Lab File: BF077950.D

Acq: 25 Mar 2015 11:42

Instrument :

BNA_F

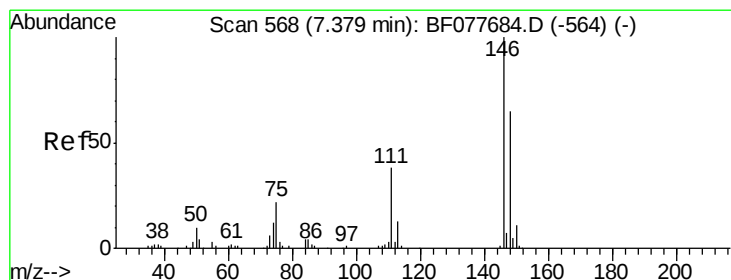
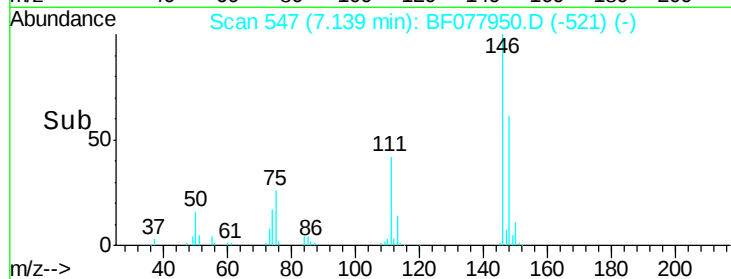
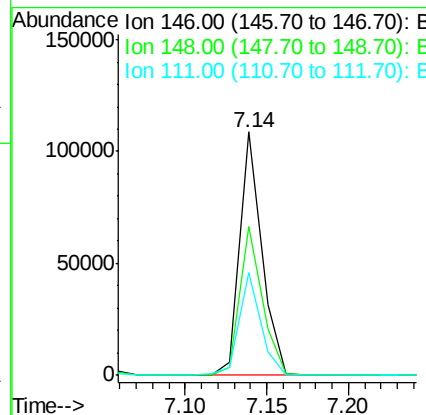
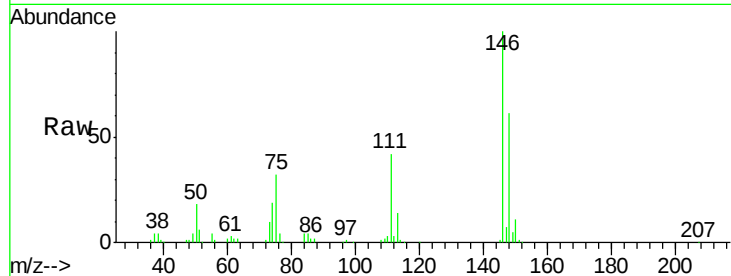
ClientSampleId :

SB-14MSD

Tgt Ion:	146	Resp:	101219
Ion Ratio	Lower	Upper	
146	100		
148	61.1	51.9	77.9
111	42.1	29.2	43.8

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#14

1,2-Dichlorobenzene

Concen: 31.31 ng

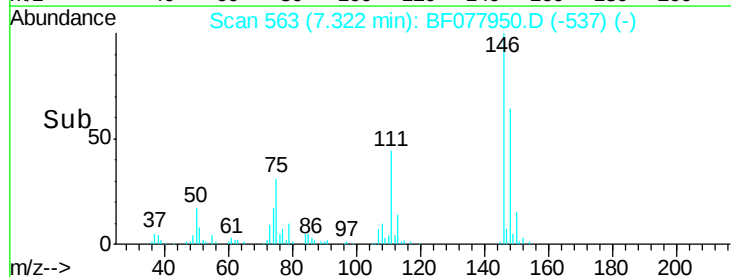
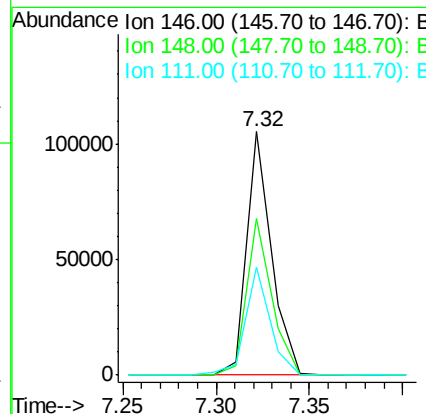
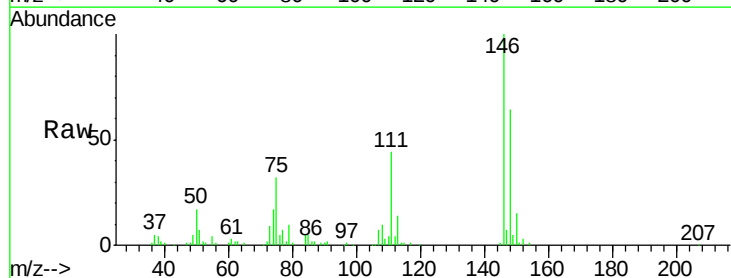
RT: 7.32 min Scan# 563

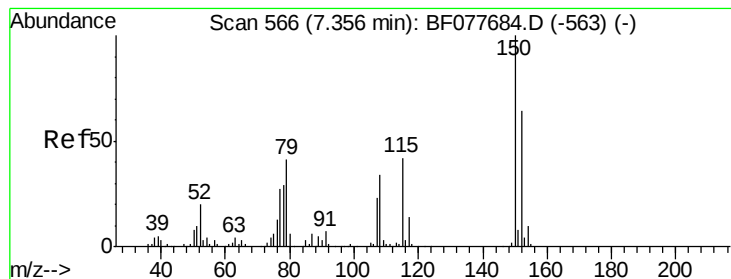
Delta R.T. 0.00 min

Lab File: BF077950.D

Acq: 25 Mar 2015 11:42

Tgt Ion:	146	Resp:	97257
Ion Ratio	Lower	Upper	
146	100		
148	64.3	52.3	78.5
111	44.4	30.6	45.8





#15

Benzyl Alcohol

Concen: 32.16 ng

RT: 7.31 min Scan# 562

Delta R.T. 0.00 min

Lab File: BF077950.D

Acq: 25 Mar 2015 11:42

Instrument :

BNA_F

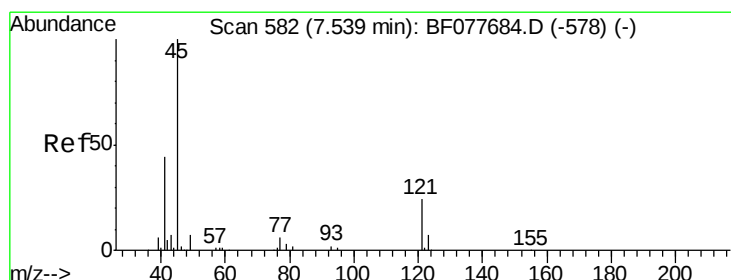
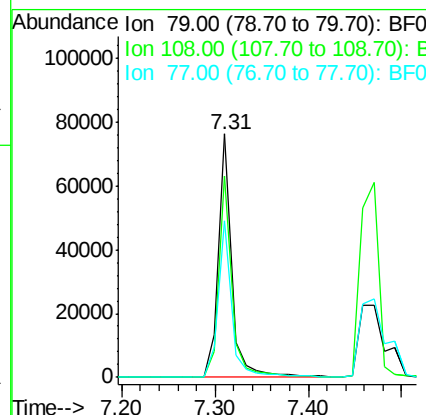
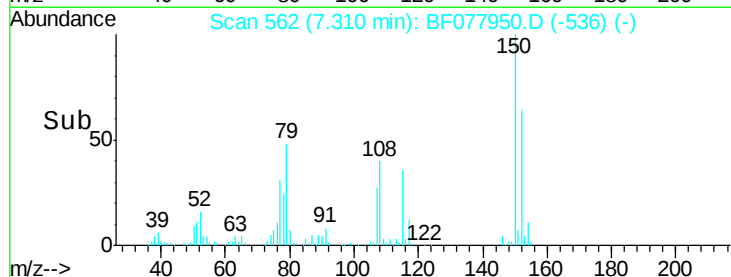
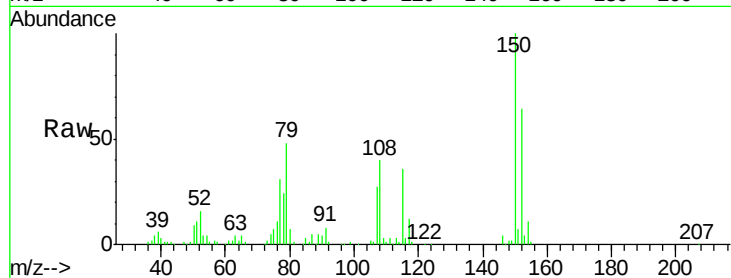
ClientSampleID :

SB-14MSD

Tgt Ion:	79	Resp:	76412
Ion Ratio	Lower	Upper	
79	100		
108	82.8	65.0	97.4
77	64.6	53.0	79.6

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 32.49 ng

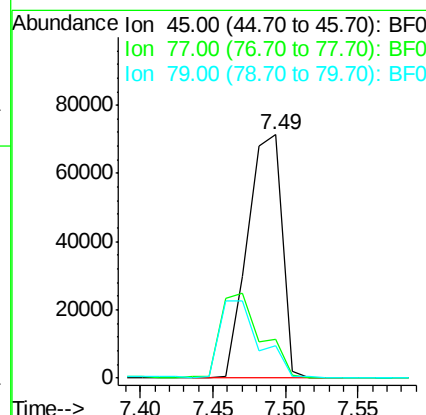
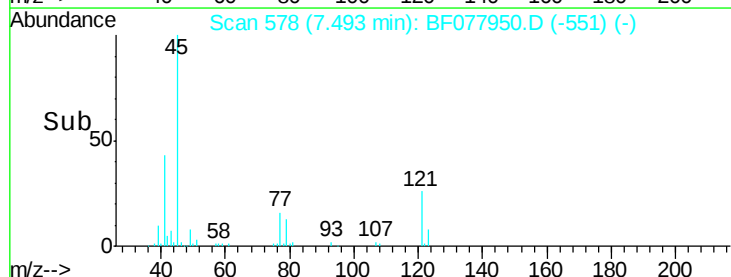
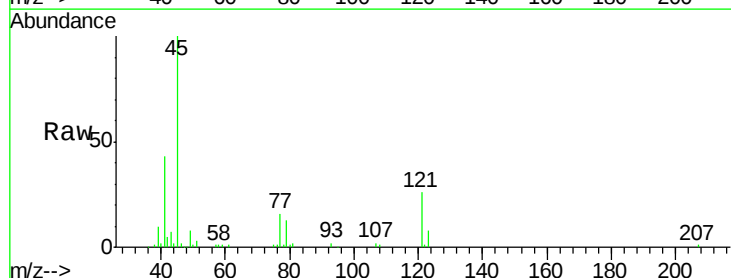
RT: 7.49 min Scan# 578

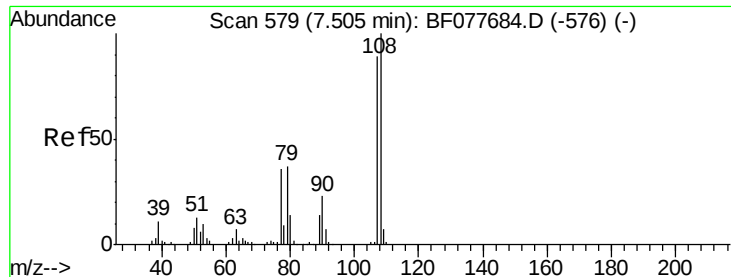
Delta R.T. 0.01 min

Lab File: BF077950.D

Acq: 25 Mar 2015 11:42

Tgt Ion:	45	Resp:	117982
Ion Ratio	Lower	Upper	
45	100		
77	15.7	0.0	35.2
79	13.3	0.0	32.0





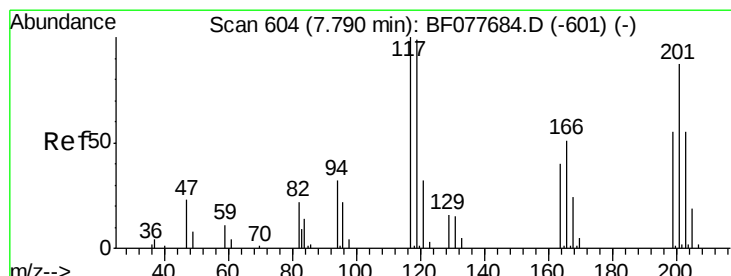
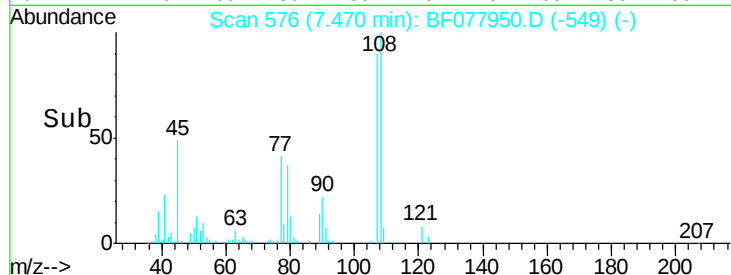
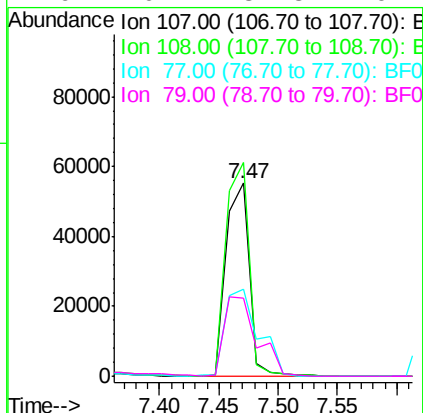
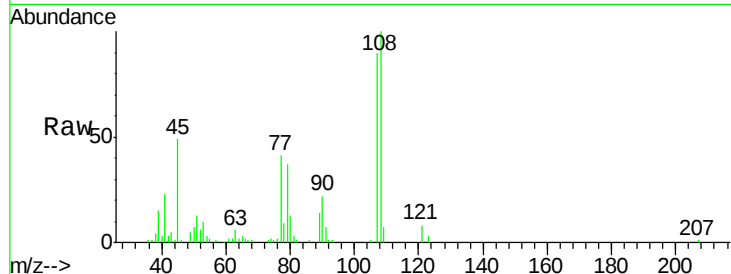
#17
 2-Methylphenol
 Concen: 31.34 ng
 RT: 7.47 min Scan# 576
 Delta R.T. 0.01 min
 Lab File: BF077950.D
 Acq: 25 Mar 2015 11:42

Instrument :
 BNA_F
 ClientSampleId :
 SB-14MSD

Tgt Ion:	107	Resp:	74818
Ion Ratio	Lower	Upper	
107	100		
108	110.5	89.8	134.8
77	44.8	32.6	48.8
79	40.7	32.8	49.2

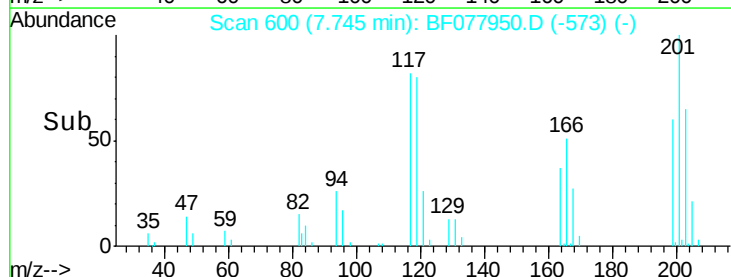
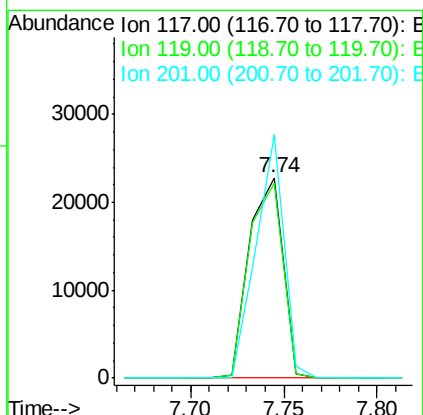
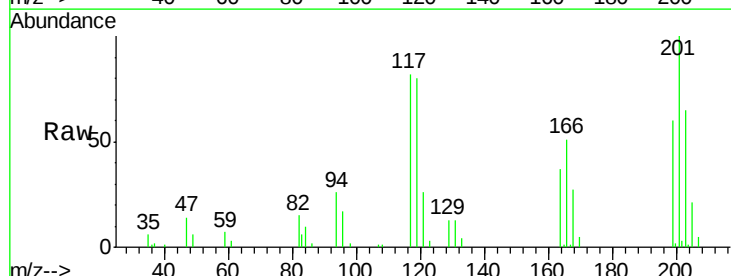
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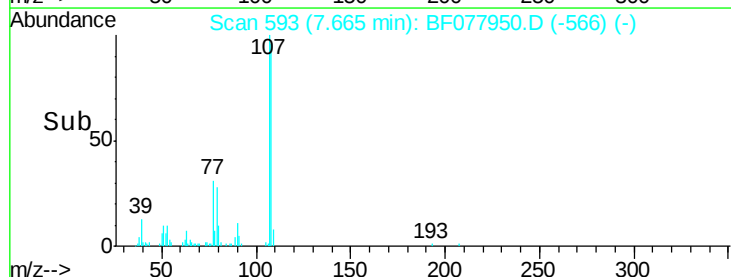
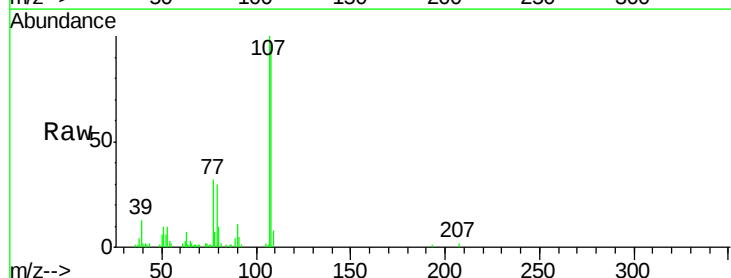
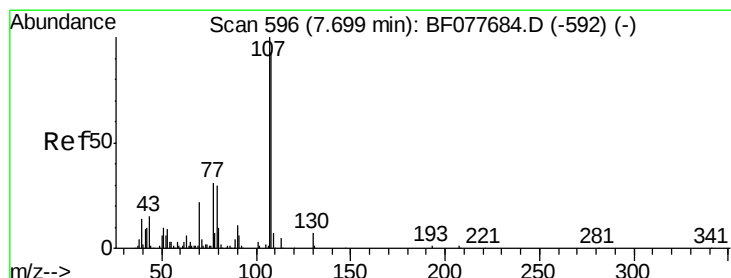
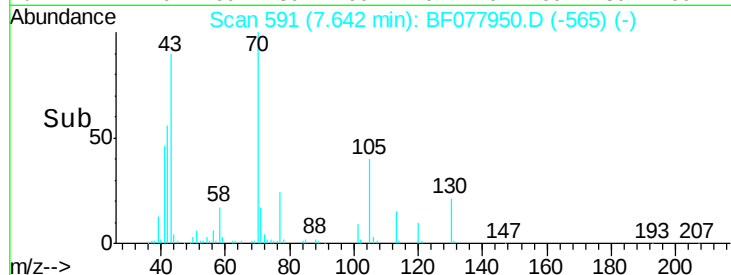
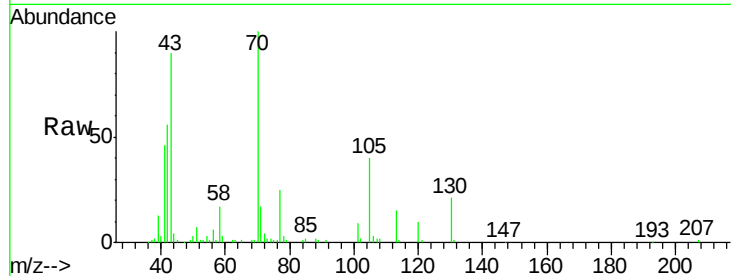
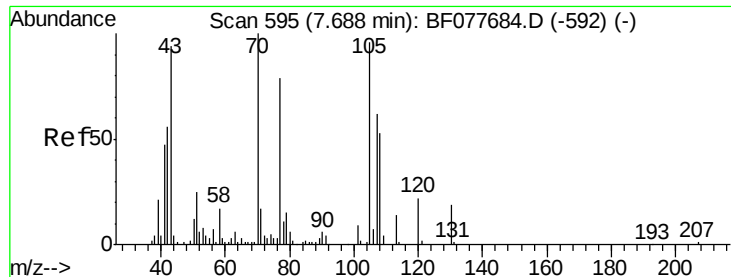
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#18
 Hexachloroethane
 Concen: 25.71 ng
 RT: 7.74 min Scan# 600
 Delta R.T. 0.01 min
 Lab File: BF077950.D
 Acq: 25 Mar 2015 11:42

Tgt Ion:	117	Resp:	28578
Ion Ratio	Lower	Upper	
117	100		
119	97.3	79.2	118.8
201	121.6	69.8	104.6#

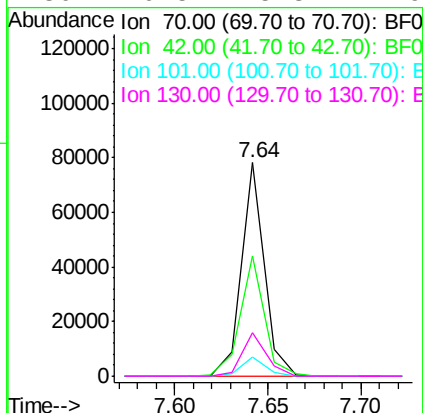




#19
n-Nitroso-di-n-propylamine
Concen: 31.67 ng
RT: 7.64 min Scan# 591
Delta R.T. 0.00 min
Lab File: BF077950.D
Acq: 25 Mar 2015 11:42

Instrument :
BNA_F
ClientSampleId :
SB-14MSD

Tgt Ion	Ratio	Lower	Upper
70	100		
42	56.5	44.5	66.7
101	9.2	7.4	11.2
130	20.5	15.3	22.9

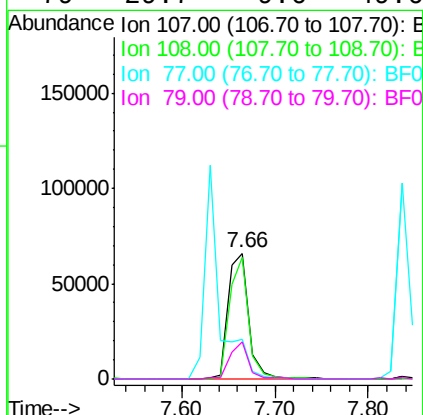


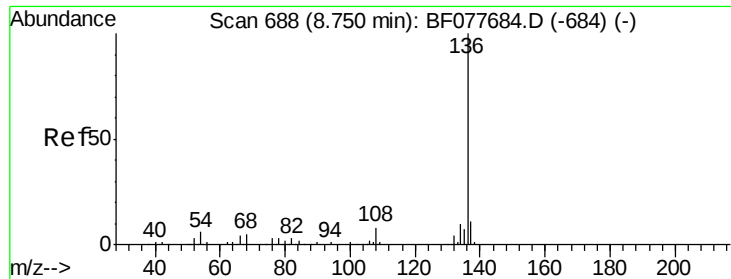
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#20
3+4-Methylphenols
Concen: 32.63 ng
RT: 7.66 min Scan# 593
Delta R.T. 0.01 min
Lab File: BF077950.D
Acq: 25 Mar 2015 11:42

Tgt Ion	Ratio	Lower	Upper
107	100		
108	96.4	73.2	113.2
77	31.7	10.7	50.7
79	29.7	9.6	49.6





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.69 min Scan# 683

Delta R.T. 0.00 min

Lab File: BF077950.D

Acq: 25 Mar 2015 11:42

Instrument :

BNA_F

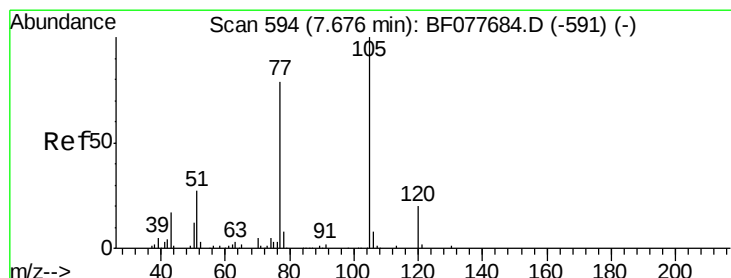
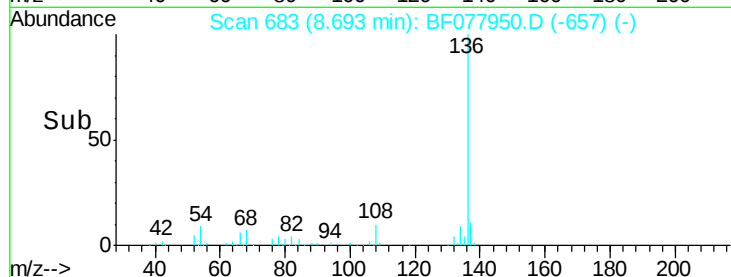
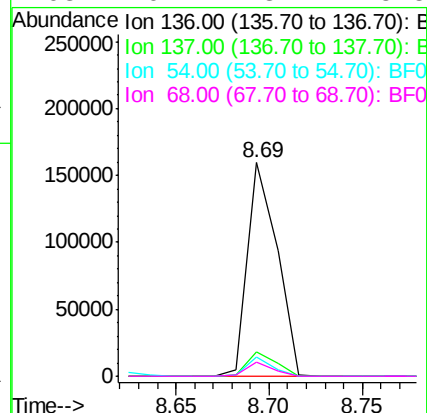
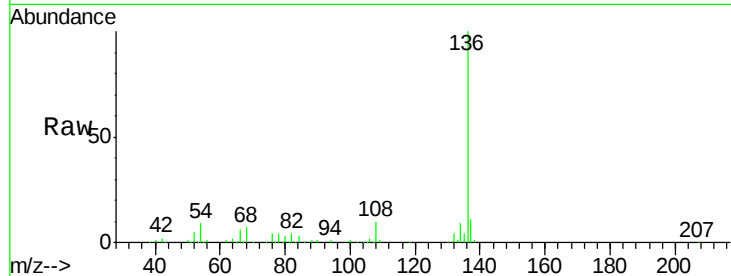
ClientSampleId :

SB-14MSD

Tgt Ion	Ratio	Resp	Lower	Upper
136	100	177733		
137	11.3	8.7	13.1	
54	8.9	4.6	6.8#	
68	6.7	3.7	5.5#	

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#22

Acetophenone

Concen: 34.16 ng

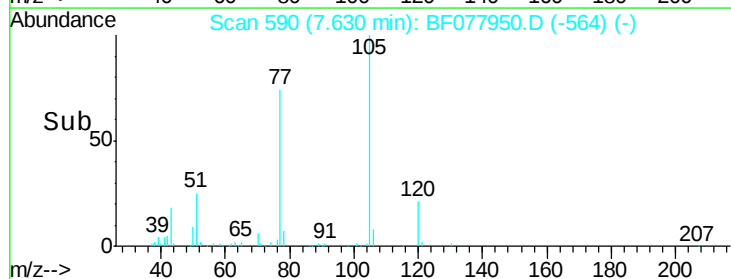
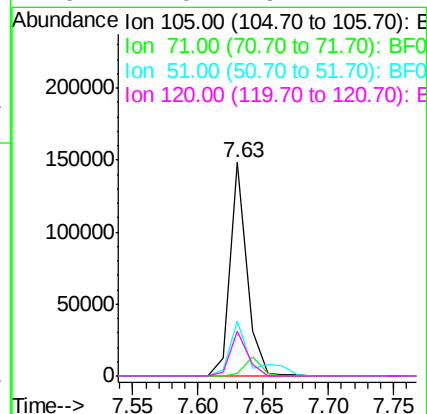
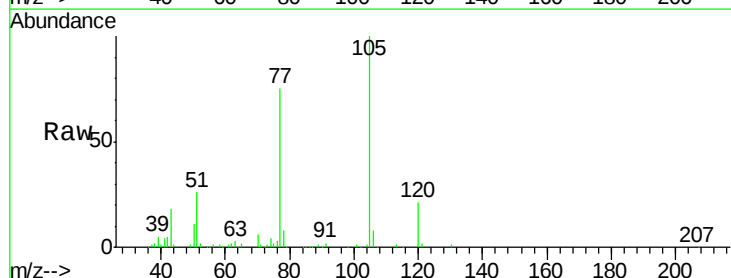
RT: 7.63 min Scan# 590

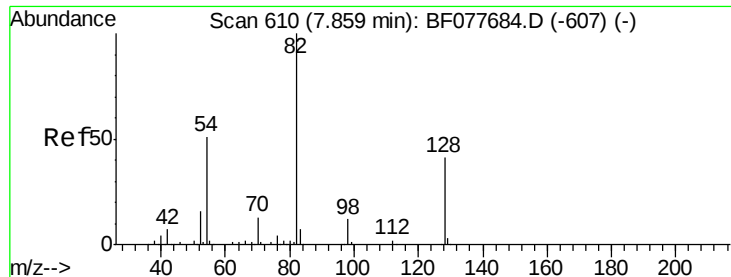
Delta R.T. 0.00 min

Lab File: BF077950.D

Acq: 25 Mar 2015 11:42

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	134415		
71	1.1	0.6	1.0#	
51	25.8	21.6	32.4	
120	21.0	16.1	24.1	





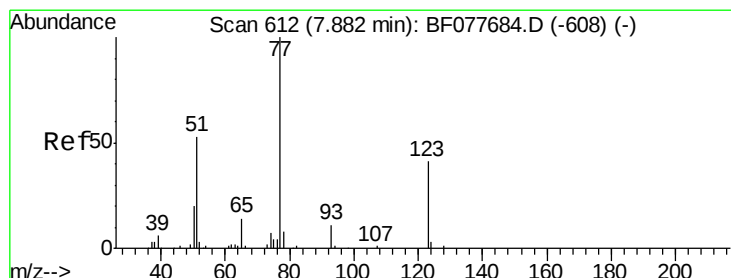
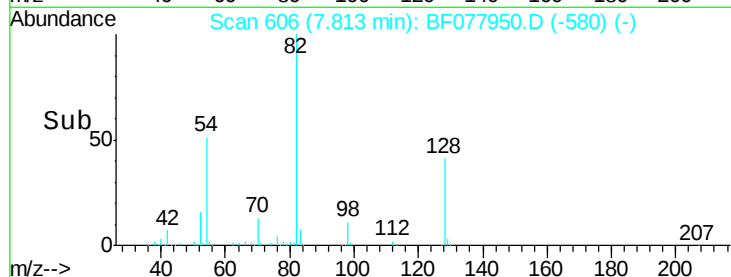
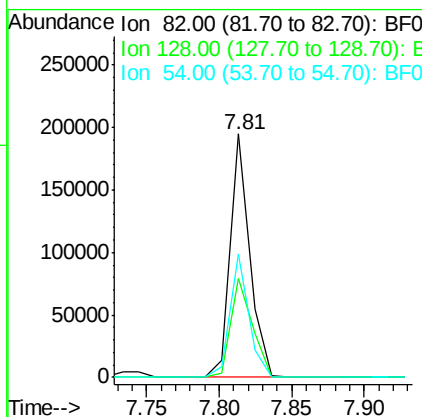
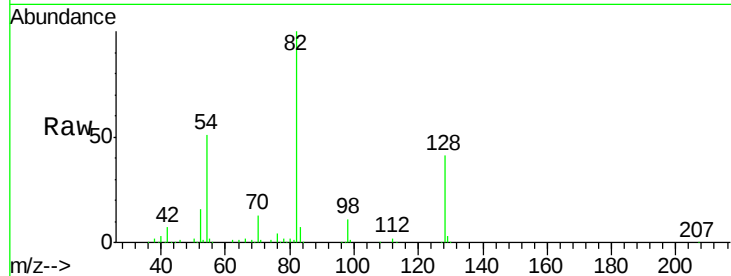
#23
 Nitrobenzene-d5
 Concen: 67.11 ng
 RT: 7.81 min Scan# 606
 Delta R.T. 0.00 min
 Lab File: BF077950.D
 Acq: 25 Mar 2015 11:42

Instrument :
 BNA_F
 ClientSampleId :
 SB-14MSD

Tgt Ion	Ratio	Resp Lower	Resp Upper
82	100		
128	40.7	32.8	49.2
54	50.6	40.6	60.8

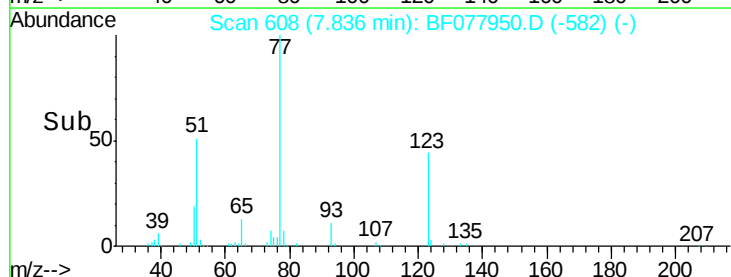
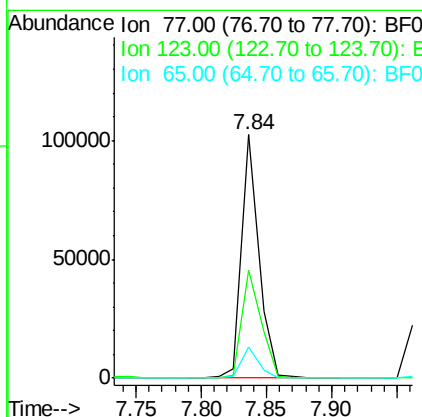
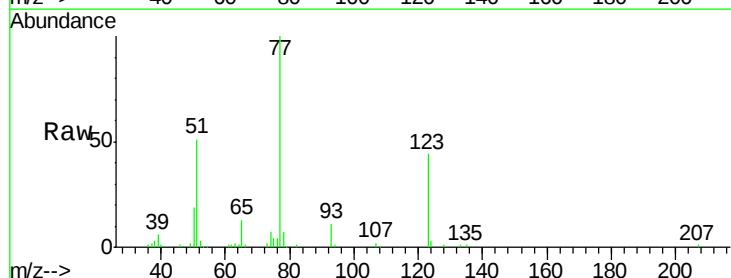
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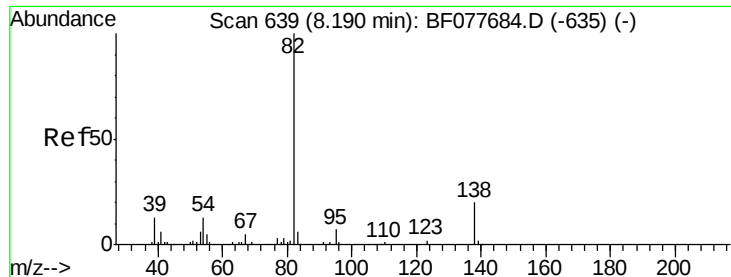
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#24
 Nitrobenzene
 Concen: 32.22 ng
 RT: 7.84 min Scan# 608
 Delta R.T. 0.00 min
 Lab File: BF077950.D
 Acq: 25 Mar 2015 11:42

Tgt Ion	Ratio	Resp Lower	Resp Upper
77	100		
123	44.4	32.6	49.0
65	13.0	10.9	16.3





#25

Isophorone

Concen: 30.86 ng

RT: 8.14 min Scan# 635

Delta R.T. 0.01 min

Lab File: BF077950.D

Acq: 25 Mar 2015 11:42

Instrument :

BNA_F

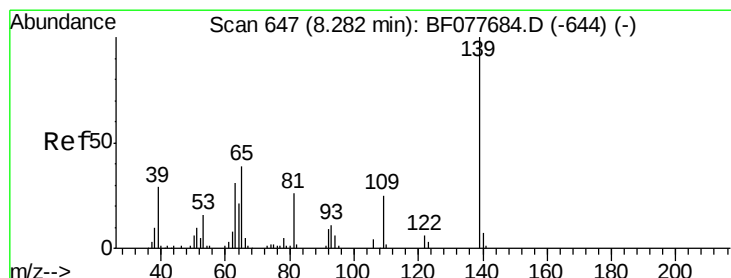
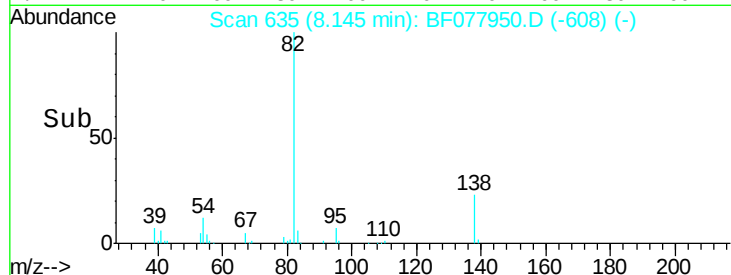
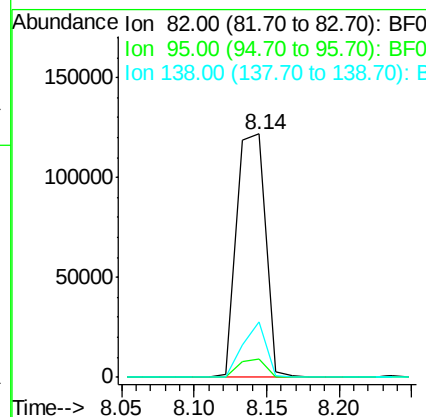
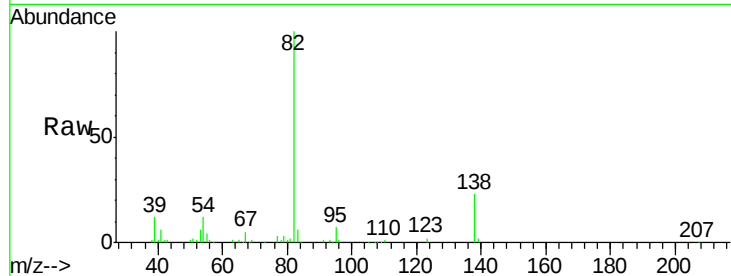
ClientSampleId :

SB-14MSD

Tgt Ion:	82	Resp:	168981
Ion Ratio	Lower	Upper	
82	100		
95	7.3	5.8	8.6
138	22.8	16.3	24.5

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#26

2-Nitrophenol

Concen: 24.55 ng

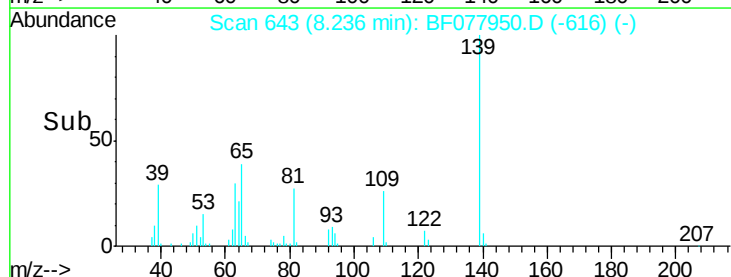
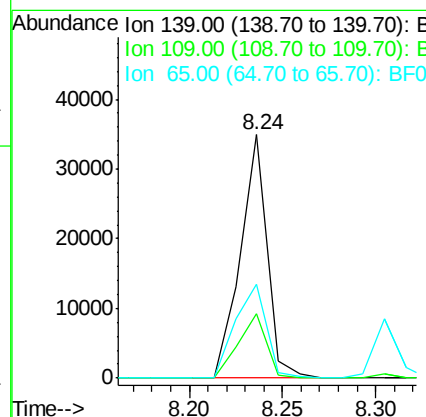
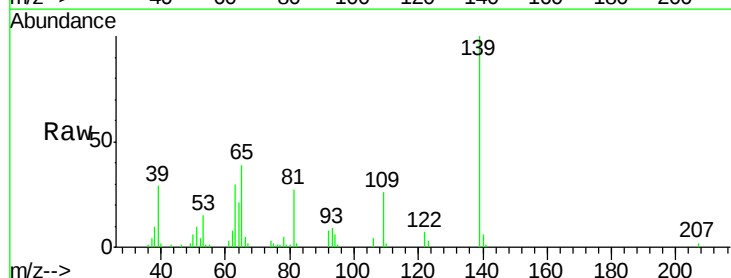
RT: 8.24 min Scan# 643

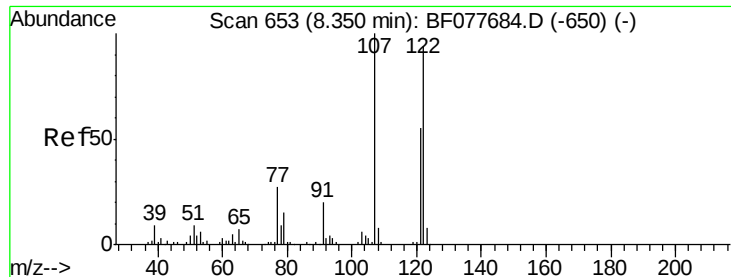
Delta R.T. 0.01 min

Lab File: BF077950.D

Acq: 25 Mar 2015 11:42

Tgt Ion:	139	Resp:	35104
Ion Ratio	Lower	Upper	
139	100		
109	26.3	20.1	30.1
65	38.6	31.5	47.3





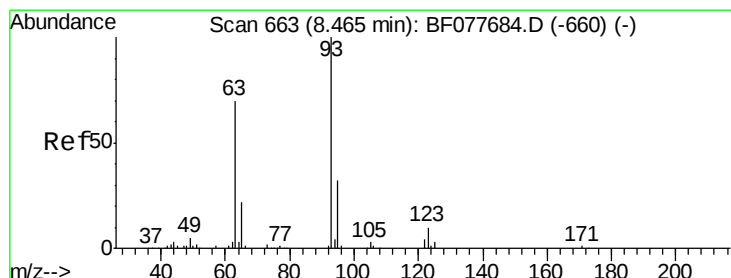
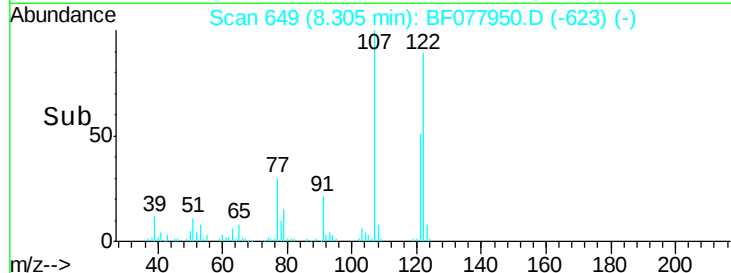
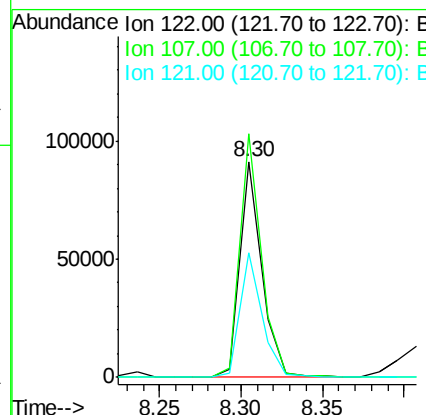
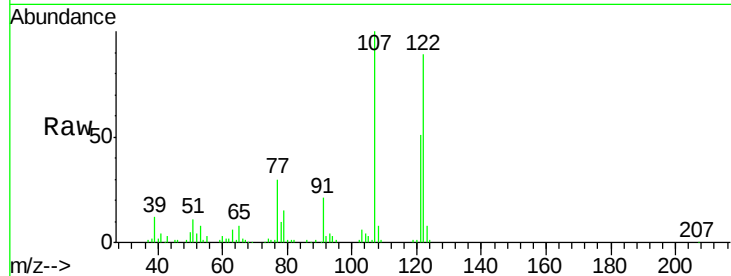
#27
 2,4-Dimethylphenol
 Concen: 32.29 ng
 RT: 8.30 min Scan# 649
 Delta R.T. 0.00 min
 Lab File: BF077950.D
 Acq: 25 Mar 2015 11:42

Instrument :
 BNA_F
 ClientSampleId :
 SB-14MSD

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	84125		
107	112.9	84.7	127.1	
121	57.7	46.6	69.8	

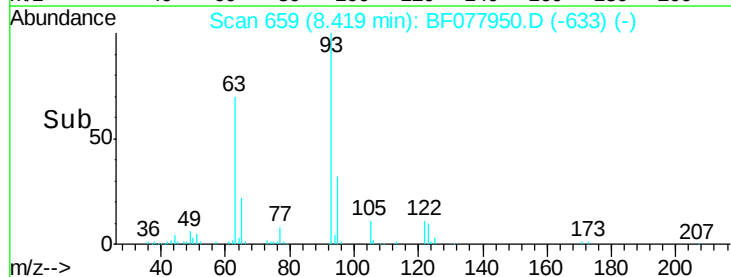
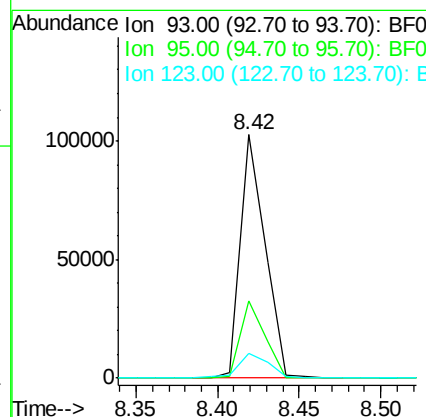
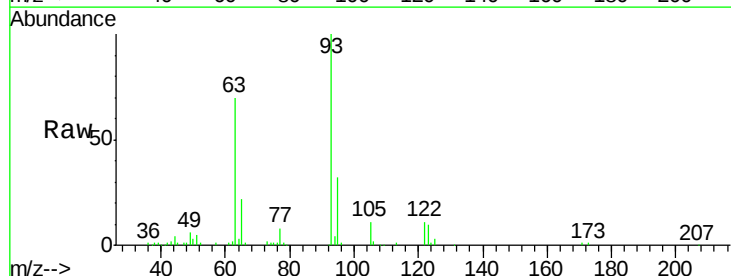
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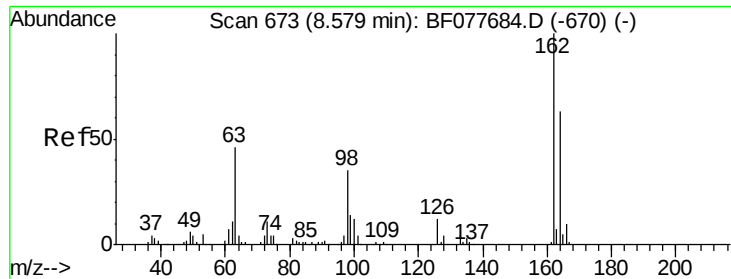
mohammad
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#28
 bis(2-Chloroethoxy)methane
 Concen: 32.08 ng
 RT: 8.42 min Scan# 659
 Delta R.T. 0.00 min
 Lab File: BF077950.D
 Acq: 25 Mar 2015 11:42

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	106620		
95	31.7	25.5	38.3	
123	10.4	8.6	13.0	





#29

2,4-Dichlorophenol

Concen: 32.21 ng

RT: 8.53 min Scan# 669

Delta R.T. 0.00 min

Lab File: BF077950.D

Acq: 25 Mar 2015 11:42

Instrument :

BNA_F

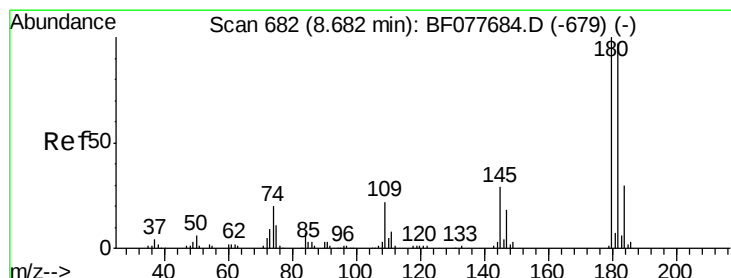
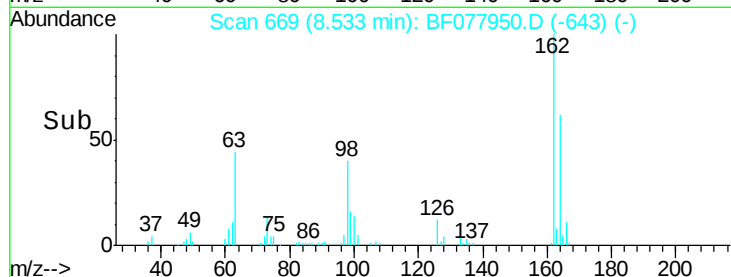
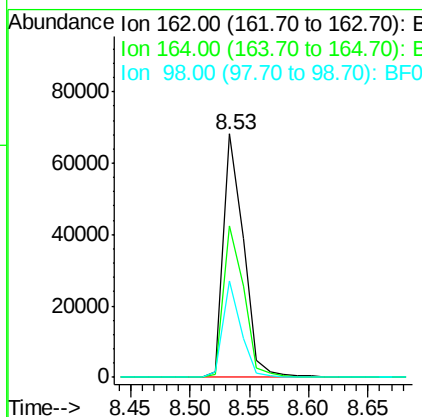
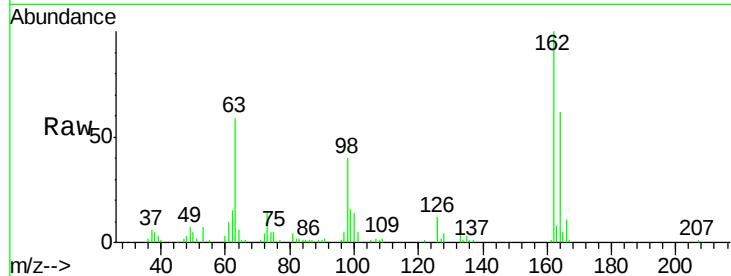
ClientSampleId :

SB-14MSD

Tgt Ion:	162	Resp:	79987
Ion Ratio	Lower	Upper	
162	100		
164	61.9	42.8	82.8
98	39.8	14.5	54.5

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#30

1,2,4-Trichlorobenzene

Concen: 30.08 ng

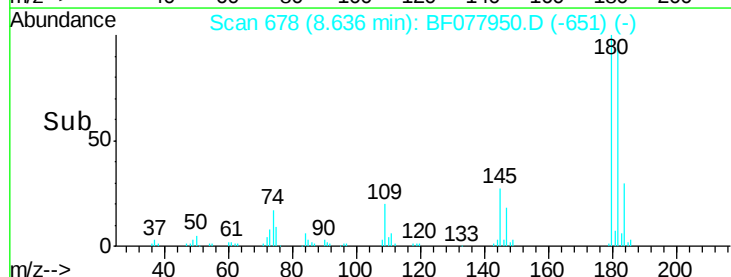
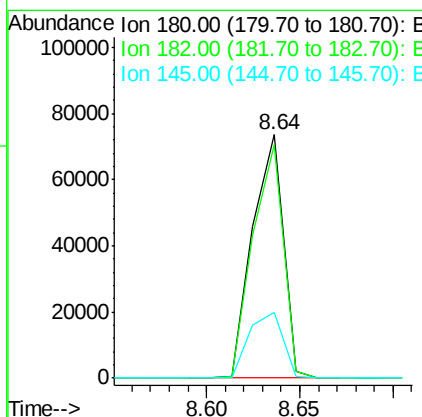
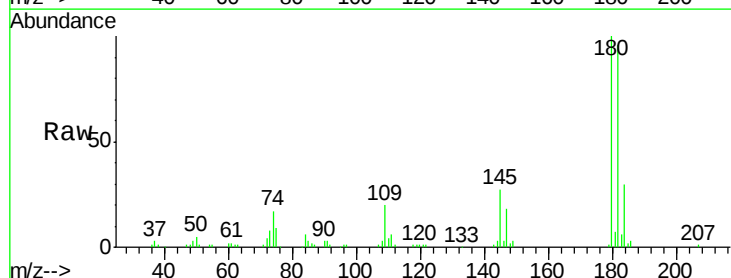
RT: 8.64 min Scan# 678

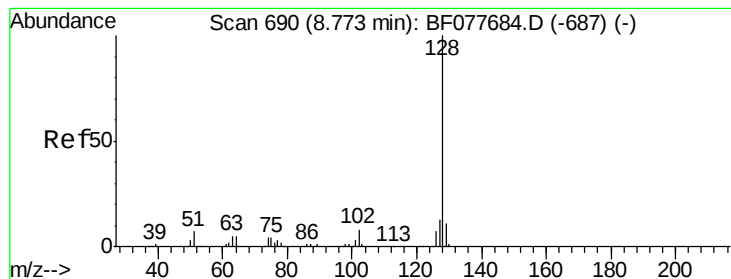
Delta R.T. 0.01 min

Lab File: BF077950.D

Acq: 25 Mar 2015 11:42

Tgt Ion:	180	Resp:	83566
Ion Ratio	Lower	Upper	
180	100		
182	95.6	77.6	116.4
145	26.9	23.4	35.2





#31

Naphthalene

Concen: 30.84 ng

RT: 8.73 min Scan# 686

Delta R.T. 0.01 min

Lab File: BF077950.D

Acq: 25 Mar 2015 11:42

Instrument :

BNA_F

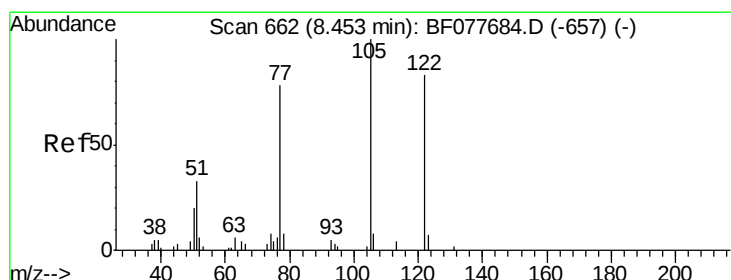
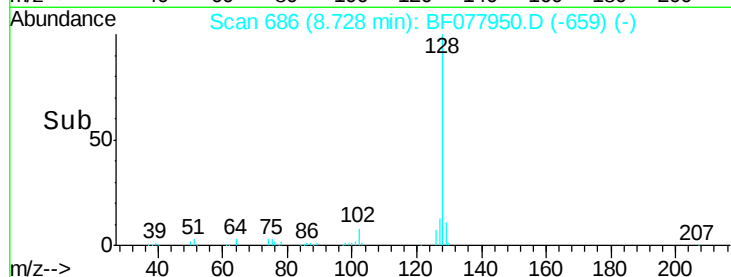
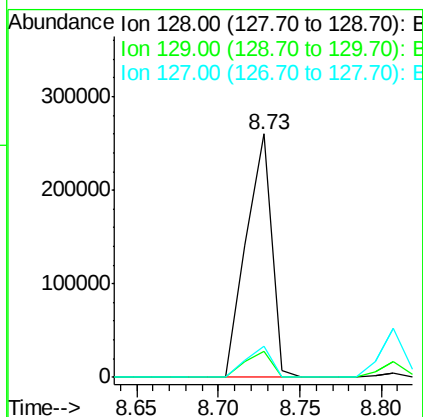
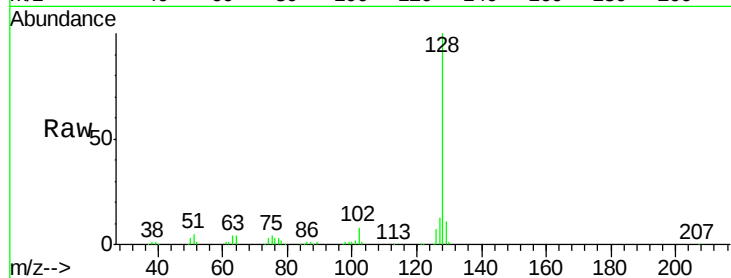
ClientSampleId :

SB-14MSD

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	281519		
129	10.6	8.9	13.3	
127	12.9	10.4	15.6	

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#32

Benzoic acid

Concen: 28.69 ng

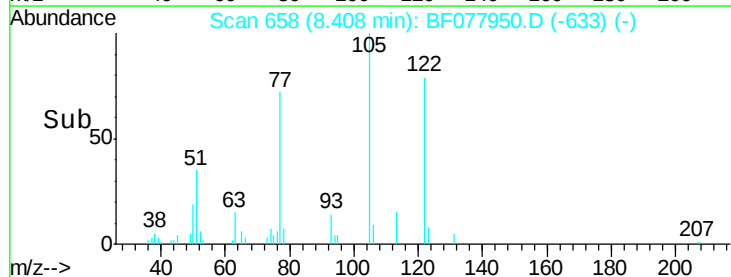
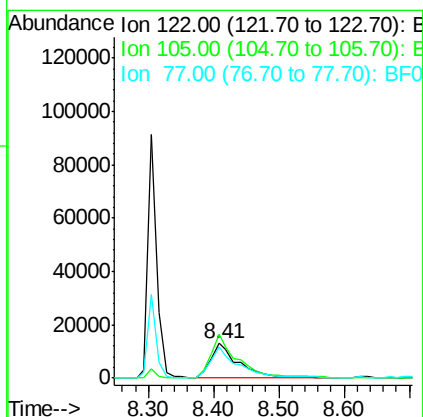
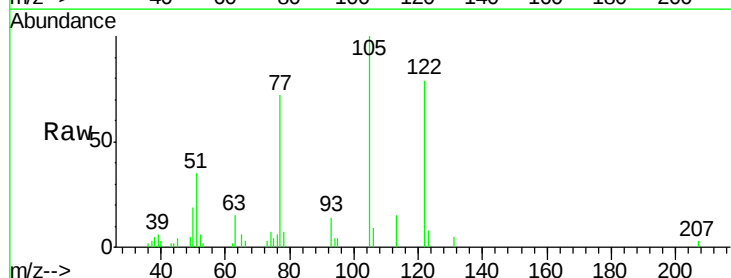
RT: 8.41 min Scan# 658

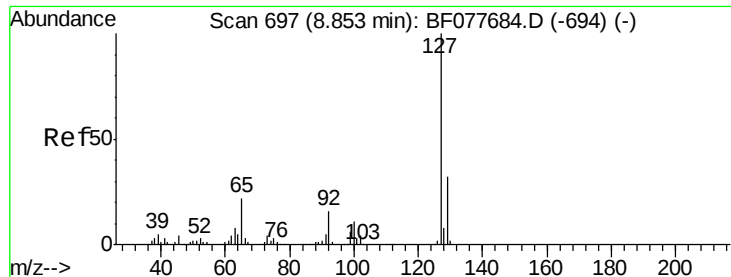
Delta R.T. -0.01 min

Lab File: BF077950.D

Acq: 25 Mar 2015 11:42

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	39767		
105	127.4	99.9	139.9	
77	91.8	73.7	113.7	





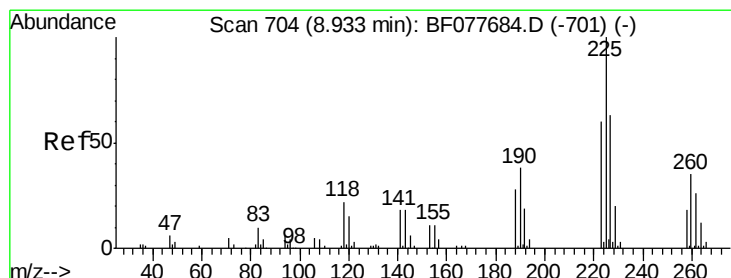
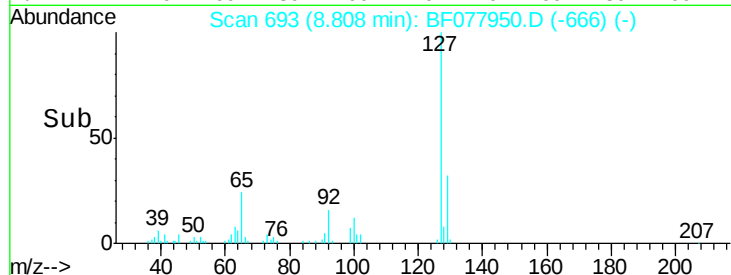
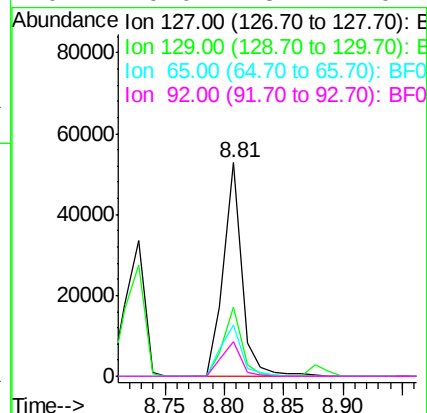
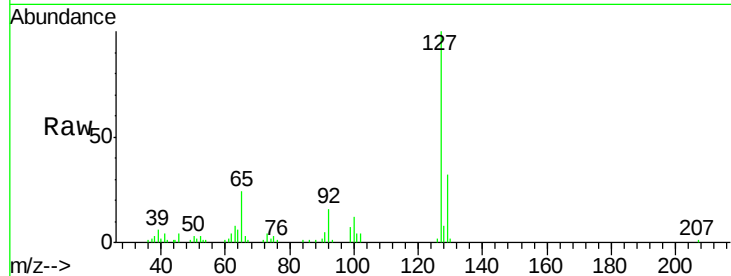
#33
4-Chloroaniline
Concen: 15.37 ng
RT: 8.81 min Scan# 693
Delta R.T. 0.01 min
Lab File: BF077950.D
Acq: 25 Mar 2015 11:42

Instrument :
BNA_F
ClientSampleId :
SB-14MSD

Tgt Ion	Ratio	Resp	Lower	Upper
127	100	56935		
129	32.5	25.3	37.9	
65	24.1	17.6	26.4	
92	16.0	13.1	19.7	

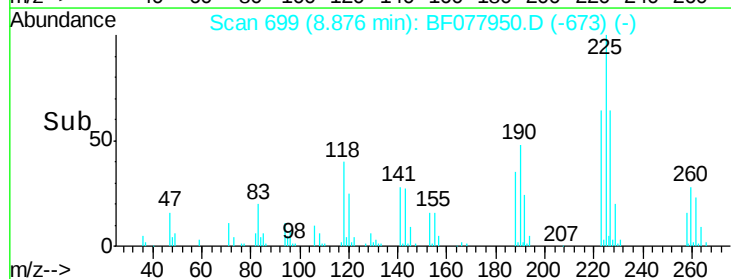
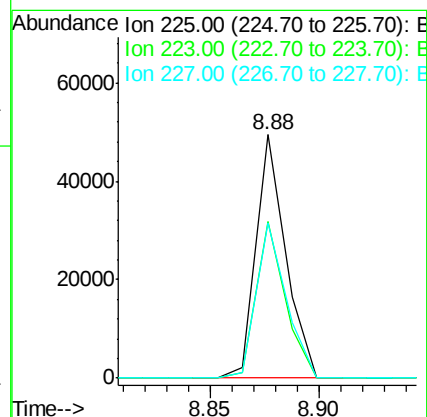
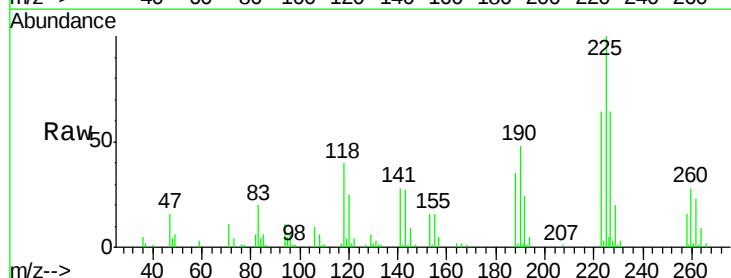
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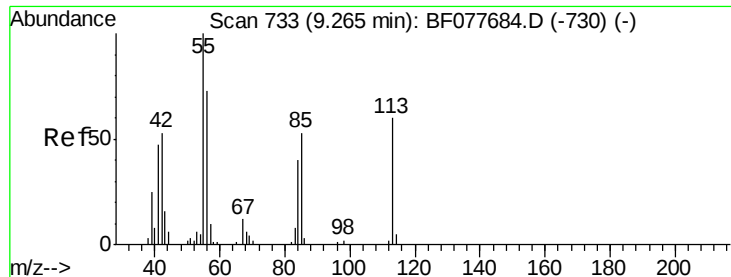
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#34
Hexachlorobutadiene
Concen: 29.67 ng
RT: 8.88 min Scan# 699
Delta R.T. 0.00 min
Lab File: BF077950.D
Acq: 25 Mar 2015 11:42

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	46731		
223	64.3	47.9	71.9	
227	63.8	50.1	75.1	





#35

Caprolactam

Concen: 33.11 ng

RT: 9.23 min Scan# 730

Delta R.T. 0.00 min

Lab File: BF077950.D

Acq: 25 Mar 2015 11:42

Instrument :

BNA_F

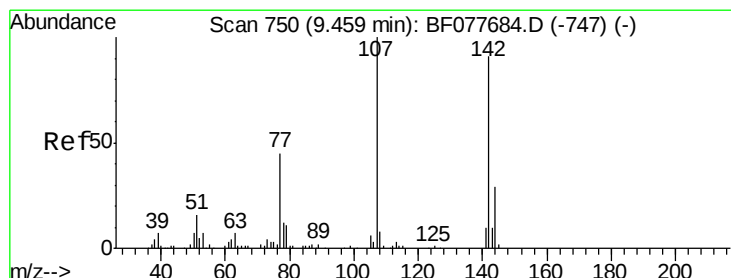
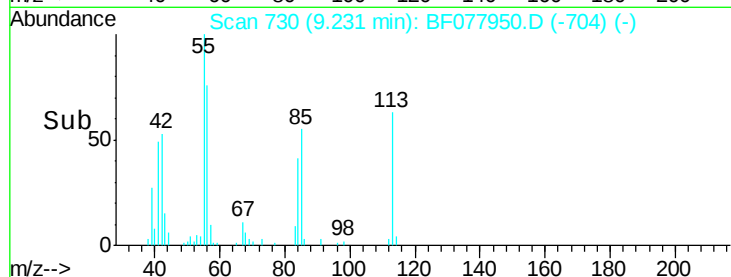
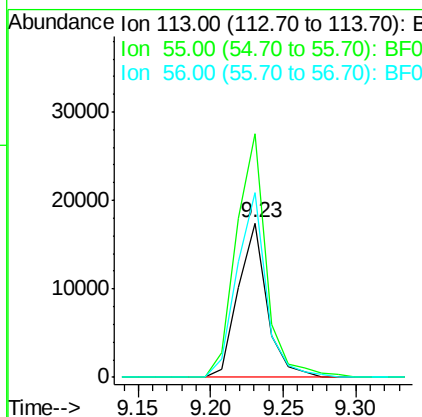
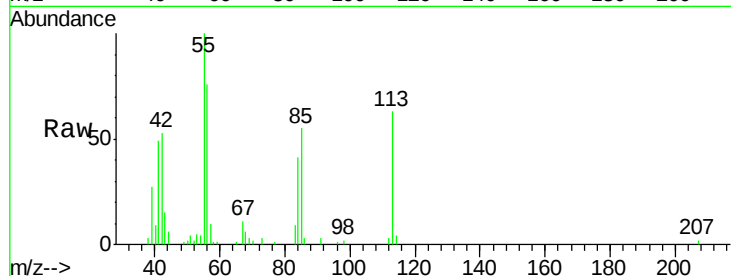
ClientSampleId :

SB-14MSD

Tgt Ion:	113	Resp:	24031
Ion Ratio	Lower	Upper	
113	100		
55	157.8	145.9	185.9
56	119.8	101.0	141.0

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#36

4-Chloro-3-methylphenol

Concen: 33.32 ng

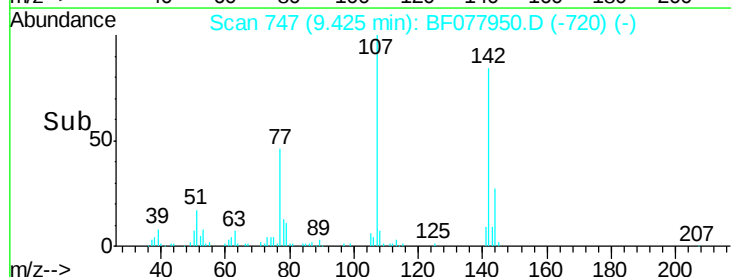
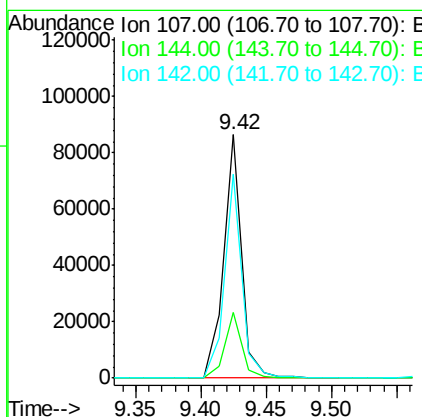
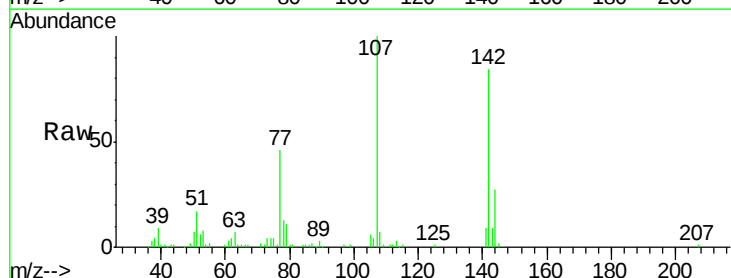
RT: 9.42 min Scan# 747

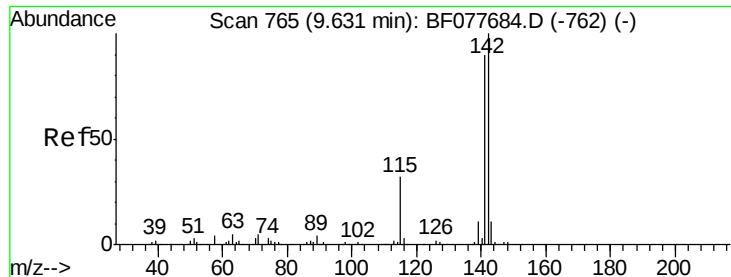
Delta R.T. 0.01 min

Lab File: BF077950.D

Acq: 25 Mar 2015 11:42

Tgt Ion:	107	Resp:	83258
Ion Ratio	Lower	Upper	
107	100		
144	27.1	23.3	34.9
142	83.8	72.6	109.0





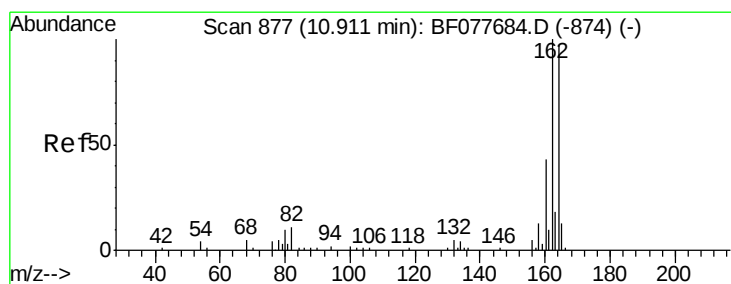
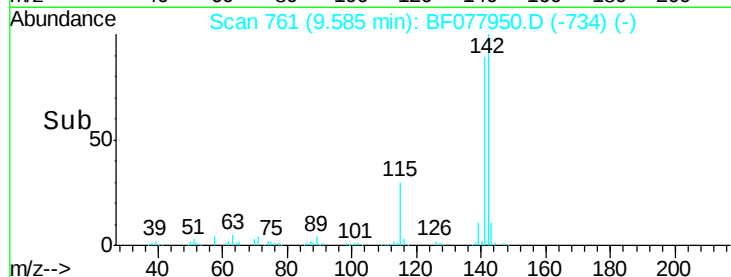
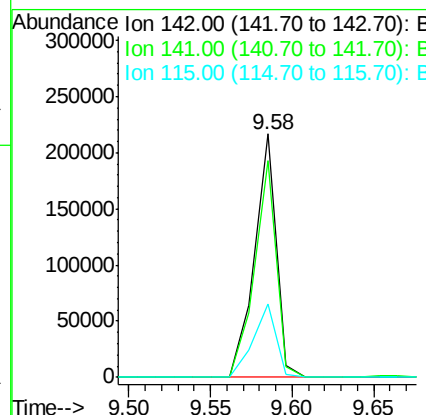
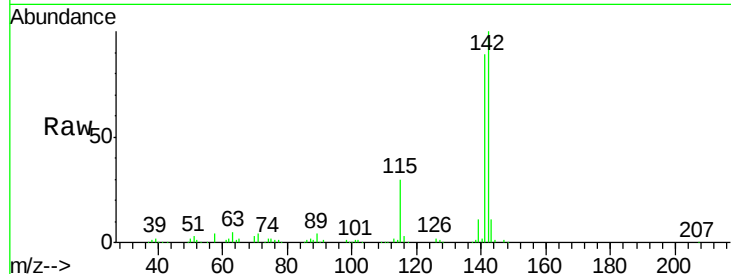
#37
2-Methylnaphthalene
Concen: 32.72 ng
RT: 9.58 min Scan# 761
Delta R.T. 0.01 min
Lab File: BF077950.D
Acq: 25 Mar 2015 11:42

Instrument :
BNA_F
ClientSampled :
SB-14MSD

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	200639		
141	88.9	71.9	107.9	
115	30.1	25.4	38.0	

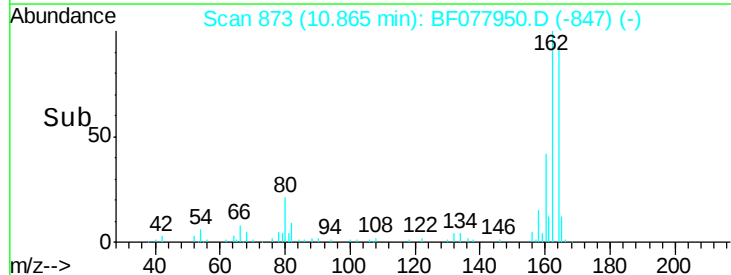
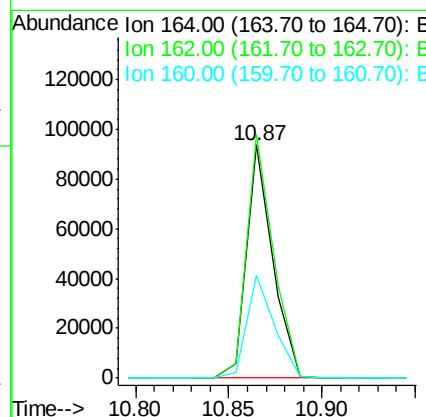
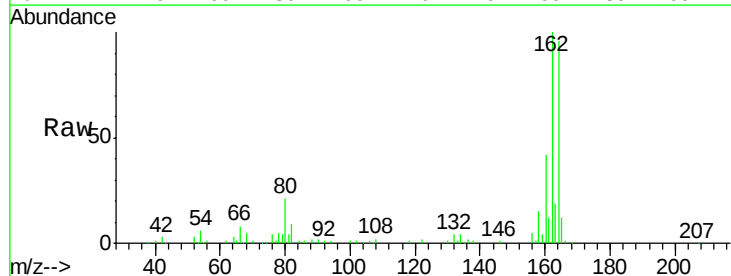
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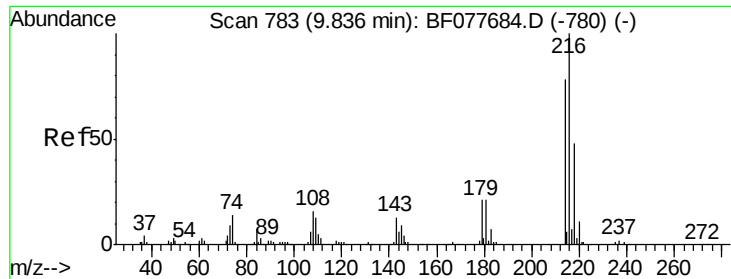
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.87 min Scan# 873
Delta R.T. 0.00 min
Lab File: BF077950.D
Acq: 25 Mar 2015 11:42

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	90828		
162	104.6	82.4	123.6	
160	44.2	35.8	53.6	





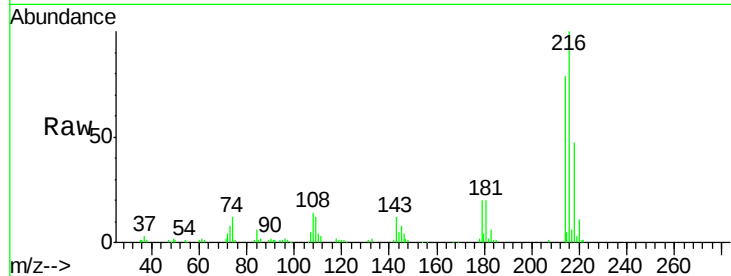
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 31.50 ng
 RT: 9.79 min Scan# 779
 Delta R.T. 0.01 min
 Lab File: BF077950.D
 Acq: 25 Mar 2015 11:42

Instrument :
 BNA_F
 ClientSampleId :
 SB-14MSD

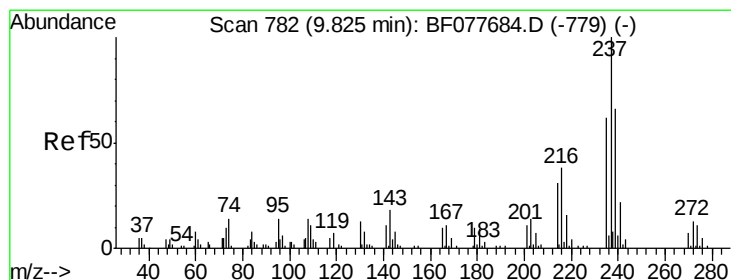
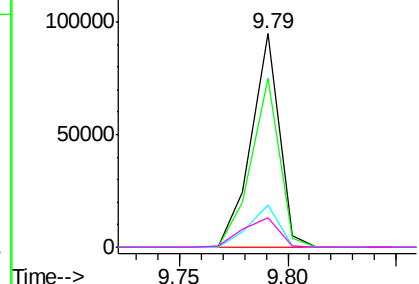
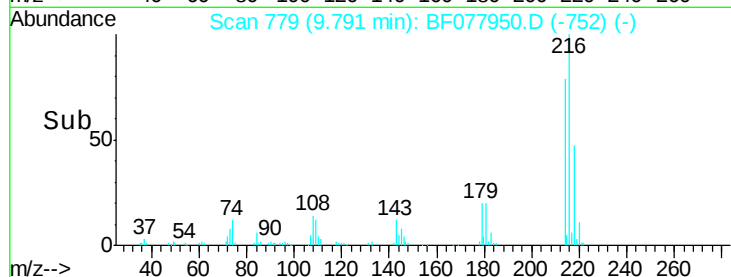
Tgt Ion	Ratio	Resp	Lower	Upper
216	100	85331		
214	79.6	0.0	0.0	0.0
179	21.1	0.0	0.0	0.0
108	17.8	0.0	0.0	0.0

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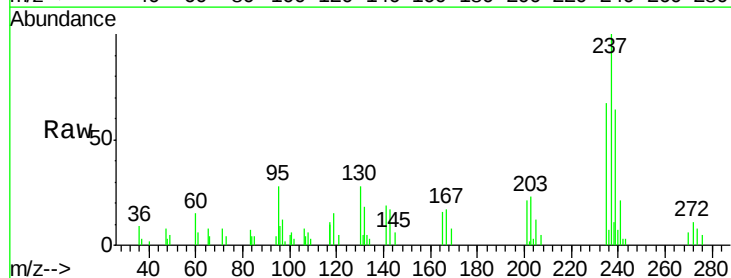


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

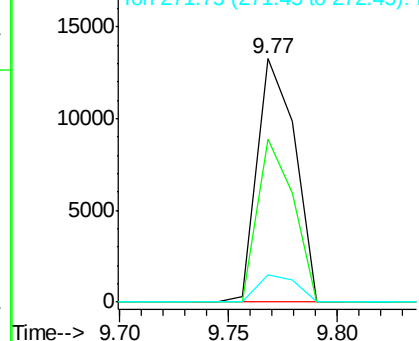
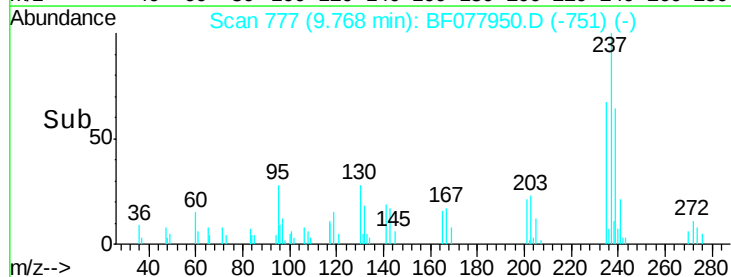


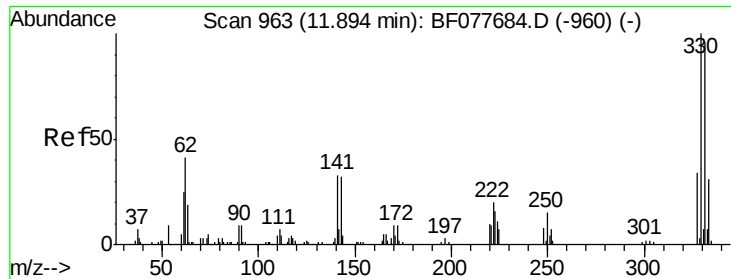
#40
 Hexachlorocyclopentadiene
 Concen: 14.55 ng
 RT: 9.77 min Scan# 777
 Delta R.T. 0.00 min
 Lab File: BF077950.D
 Acq: 25 Mar 2015 11:42

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	16076		
235	66.7	42.0	82.0	
272	11.5	0.0	33.4	



Abundance Ion 236.80 (236.50 to 237.50): E
 Ion 234.90 (234.60 to 235.60): E
 Ion 271.75 (271.45 to 272.45): E





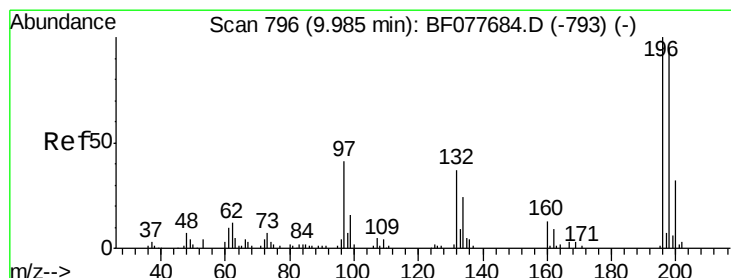
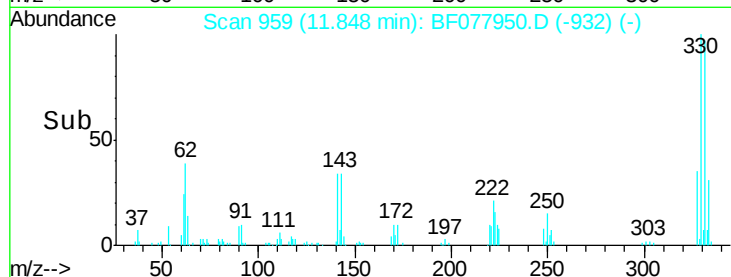
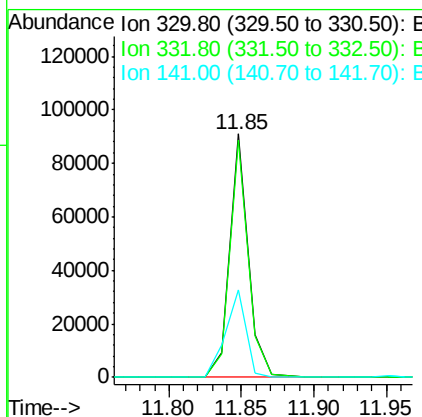
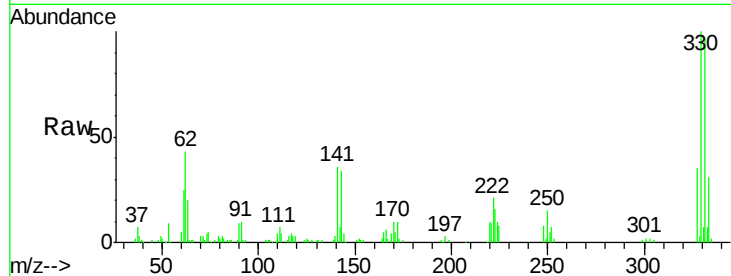
#41
 2,4,6-Tribromophenol
 Concen: 92.95 ng
 RT: 11.85 min Scan# 959
 Delta R.T. 0.01 min
 Lab File: BF077950.D
 Acq: 25 Mar 2015 11:42

Instrument :
 BNA_F
 ClientSampleId :
 SB-14MSD

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	80774		
332	97.1	0.0	0.0	0.0
141	39.1	0.0	0.0	0.0

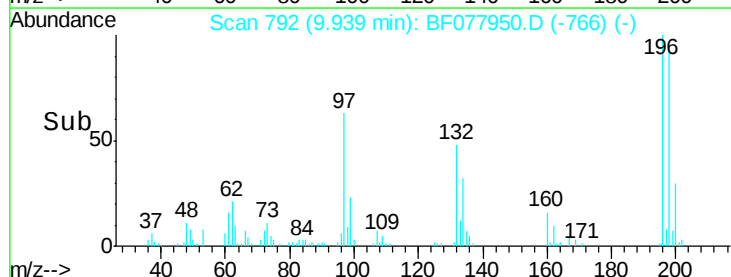
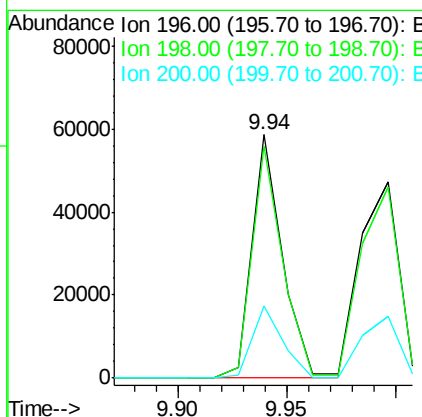
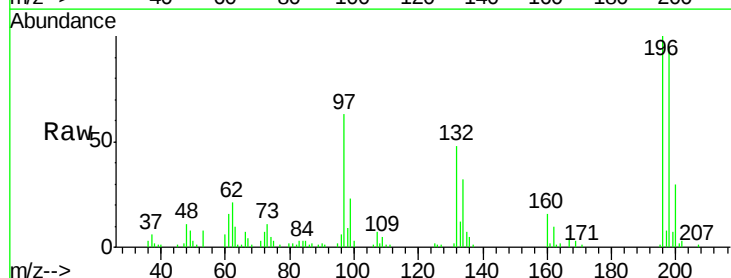
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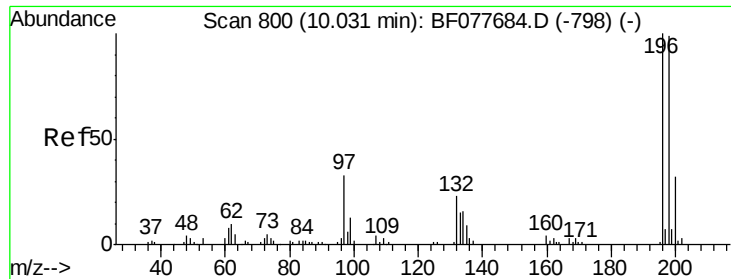
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#42
 2,4,6-Trichlorophenol
 Concen: 30.40 ng
 RT: 9.94 min Scan# 792
 Delta R.T. 0.00 min
 Lab File: BF077950.D
 Acq: 25 Mar 2015 11:42

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	57056		
198	95.2	76.3	114.5	
200	29.8	25.6	38.4	





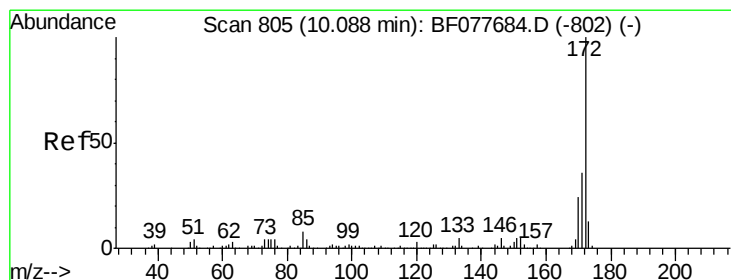
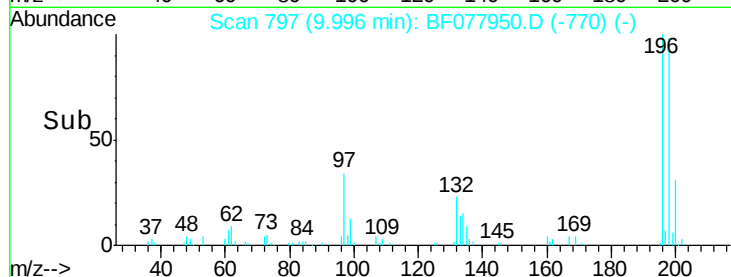
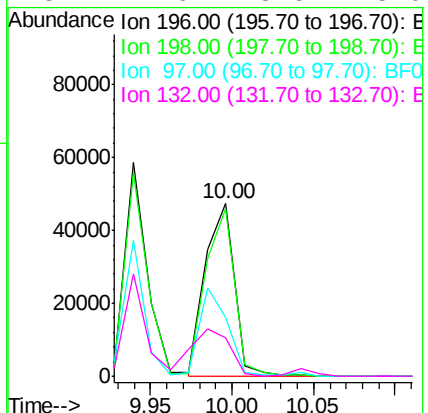
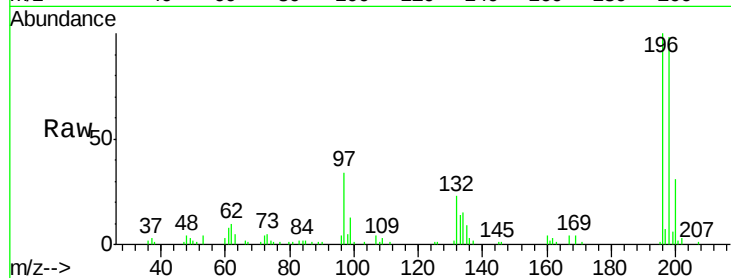
#43
 2,4,5-Trichlorophenol
 Concen: 29.47 ng
 RT: 10.00 min Scan# 797
 Delta R.T. 0.01 min
 Lab File: BF077950.D
 Acq: 25 Mar 2015 11:42

Instrument :
 BNA_F
 ClientSampleId :
 SB-14MSD

Tgt Ion:	196	Resp:	59744
Ion Ratio	Lower	Upper	
196	100		
198	97.5	79.4	119.0
97	34.1	26.8	40.2
132	22.6	18.6	28.0

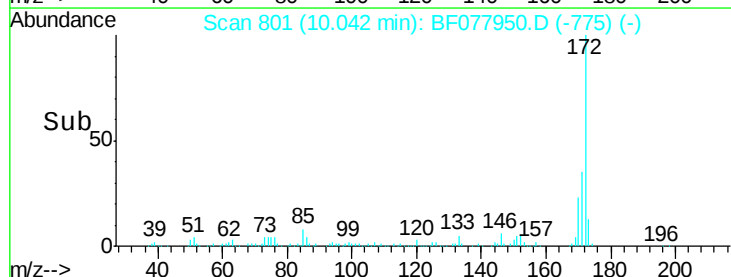
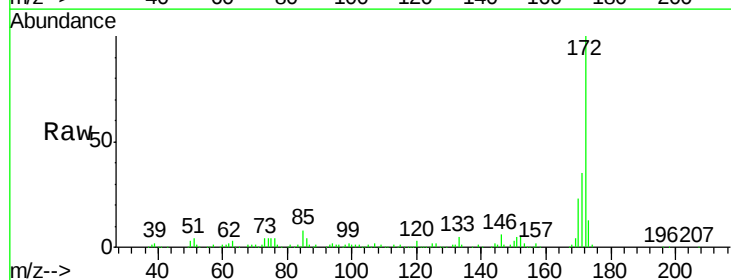
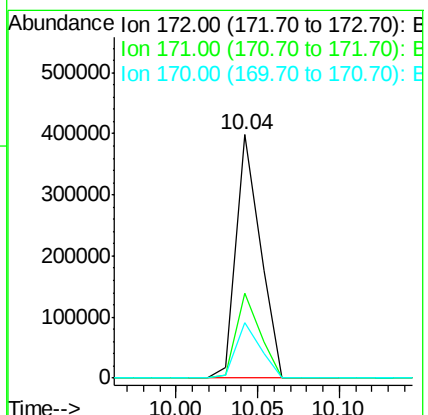
Manual Integrations
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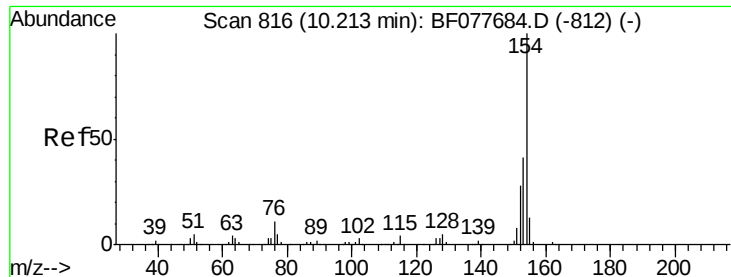
mohammad
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#44
 2-Fluorobiphenyl
 Concen: 66.05 ng
 RT: 10.04 min Scan# 801
 Delta R.T. 0.00 min
 Lab File: BF077950.D
 Acq: 25 Mar 2015 11:42

Tgt Ion:	172	Resp:	408232
Ion Ratio	Lower	Upper	
172	100		
171	35.0	28.5	42.7
170	23.0	18.8	28.2





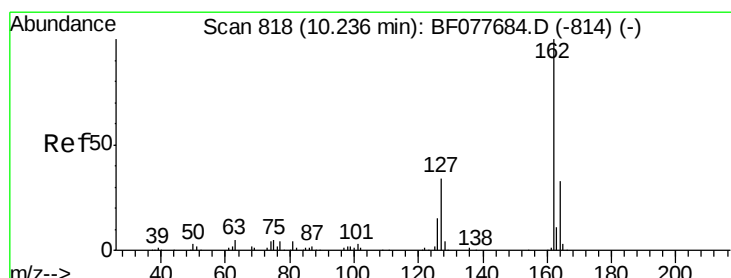
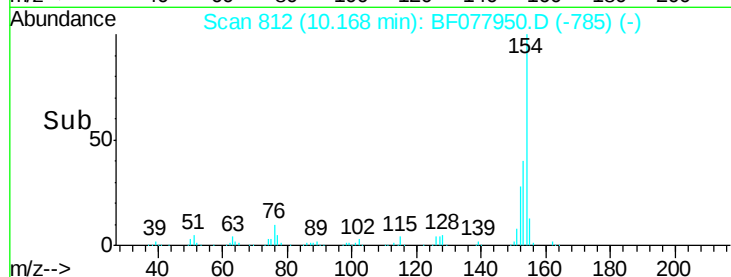
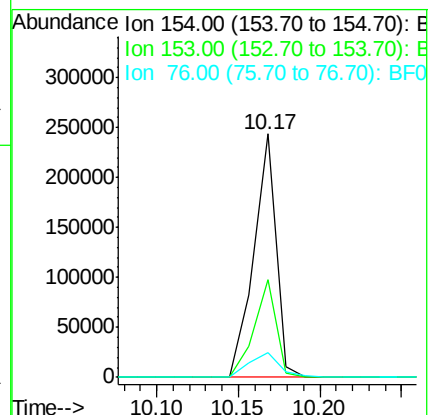
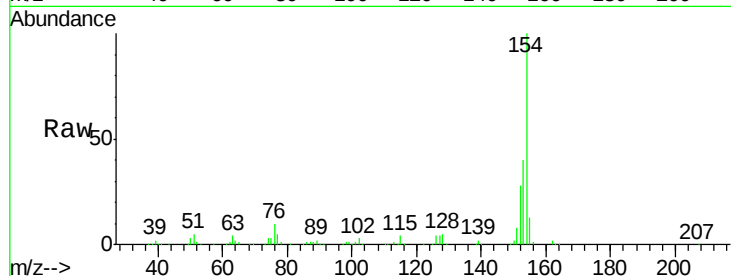
#45
 1,1'-Biphenyl
 Concen: 31.87 ng
 RT: 10.17 min Scan# 812
 Delta R.T. 0.01 min
 Lab File: BF077950.D
 Acq: 25 Mar 2015 11:42

Instrument :
 BNA_F
 ClientSampleId :
 SB-14MSD

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	231410		
153	39.9	20.7	60.7	
76	10.4	0.0	30.9	

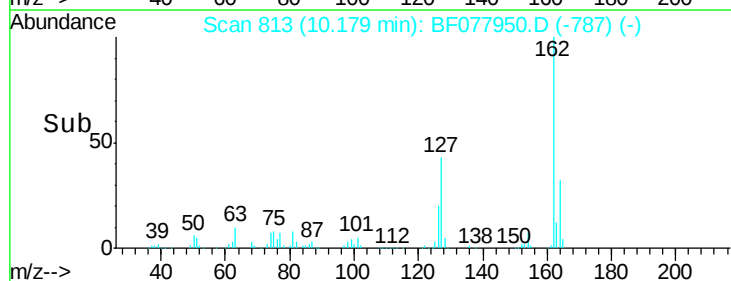
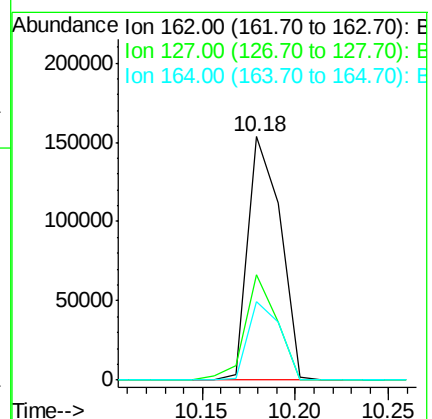
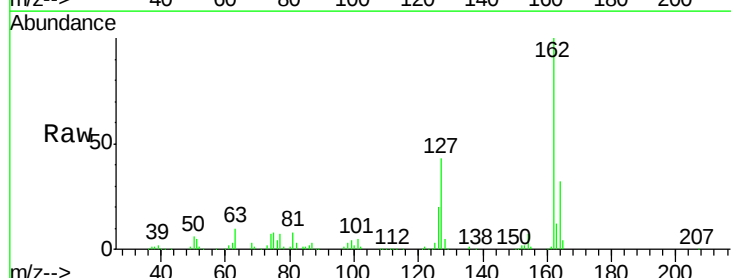
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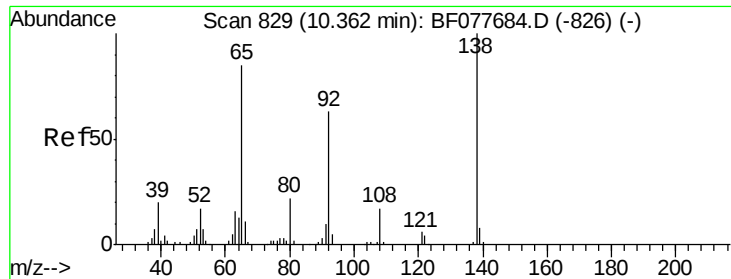
mohammad
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#46
 2-Chloronaphthalene
 Concen: 31.50 ng
 RT: 10.18 min Scan# 813
 Delta R.T. 0.00 min
 Lab File: BF077950.D
 Acq: 25 Mar 2015 11:42

Tgt Ion	Ratio	Resp	Lower	Upper
162	100	185889		
127	43.2	26.9	40.3#	
164	32.1	26.8	40.2	





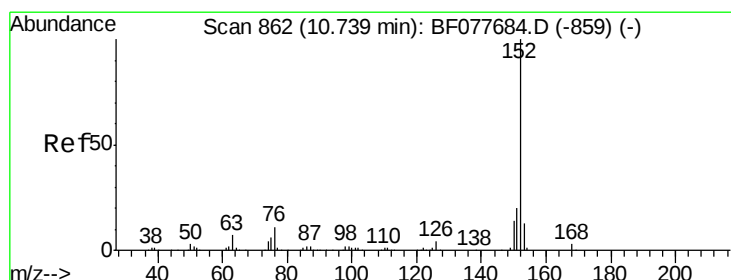
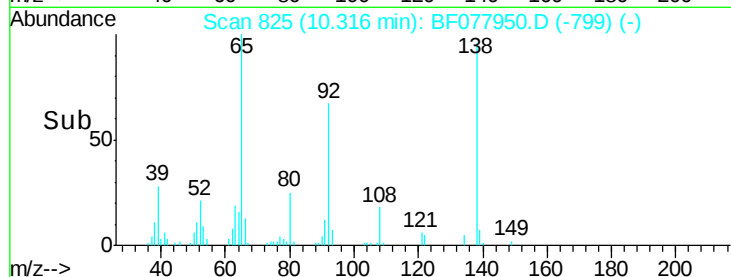
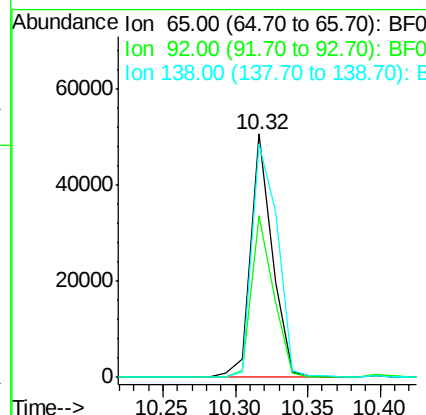
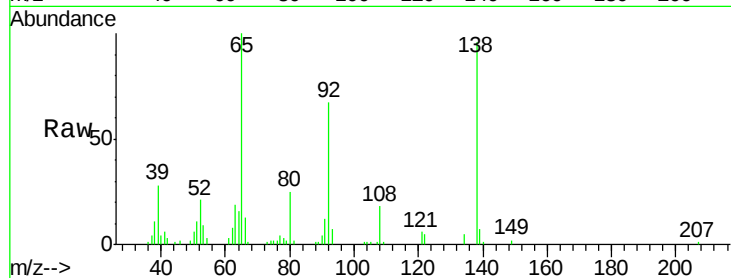
#47
2-Nitroaniline
Concen: 35.82 ng
RT: 10.32 min Scan# 825
Delta R.T. 0.00 min
Lab File: BF077950.D
Acq: 25 Mar 2015 11:42

Instrument :
BNA_F
ClientSampleId :
SB-14MSD

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	52494		
92	66.5	59.1	88.7	
138	96.0	93.9	140.9	

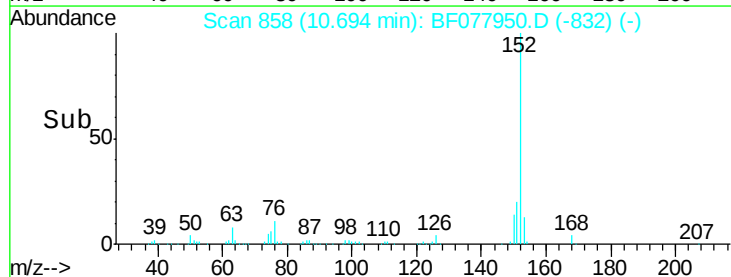
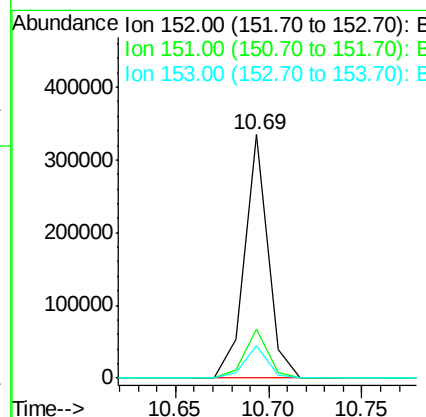
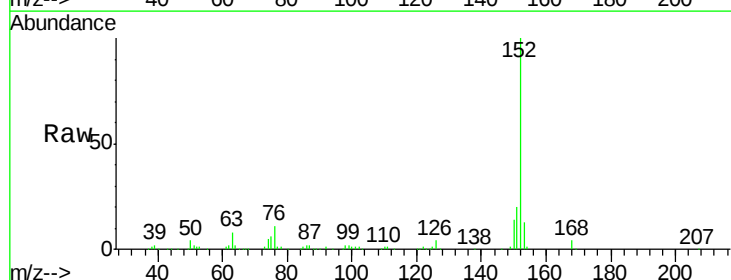
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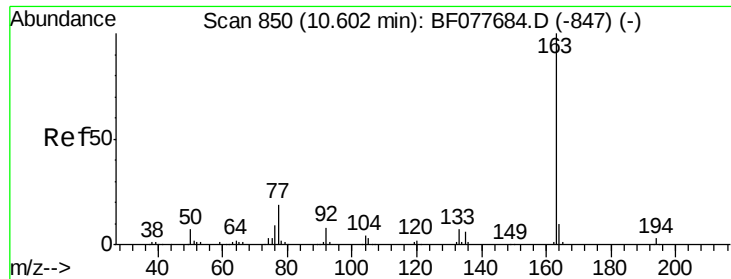
mohammad
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#48
Acenaphthylene
Concen: 29.88 ng
RT: 10.69 min Scan# 858
Delta R.T. 0.00 min
Lab File: BF077950.D
Acq: 25 Mar 2015 11:42

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	293142		
151	20.2	15.9	23.9	
153	13.5	10.6	16.0	





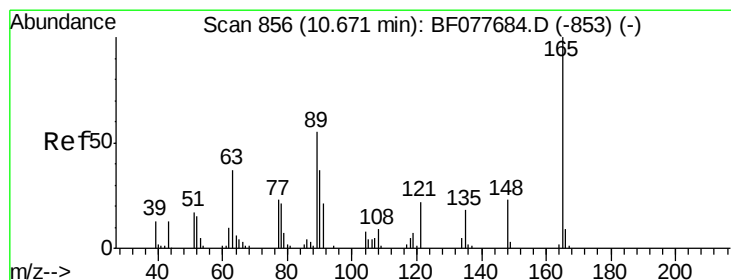
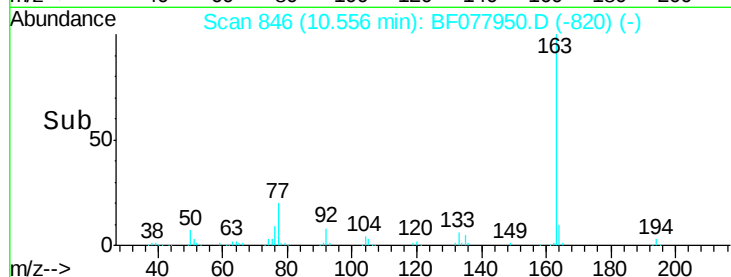
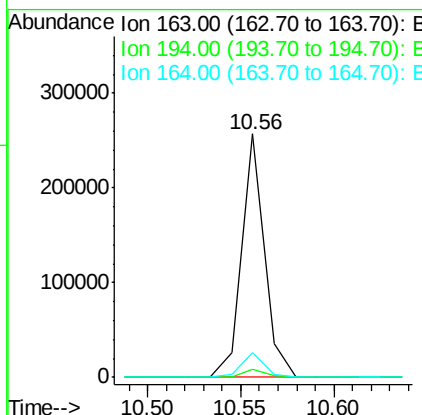
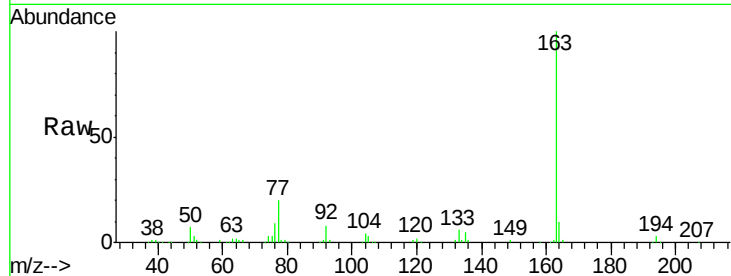
#49
Dimethylphthalate
Concen: 32.63 ng
RT: 10.56 min Scan# 846
Delta R.T. 0.00 min
Lab File: BF077950.D
Acq: 25 Mar 2015 11:42

Instrument :
BNA_F
ClientSampleId :
SB-14MSD

Tgt Ion	Ratio	Resp	Lower	Upper
163	100	219800		
194	3.3	2.7	4.1	
164	10.0	8.2	12.2	

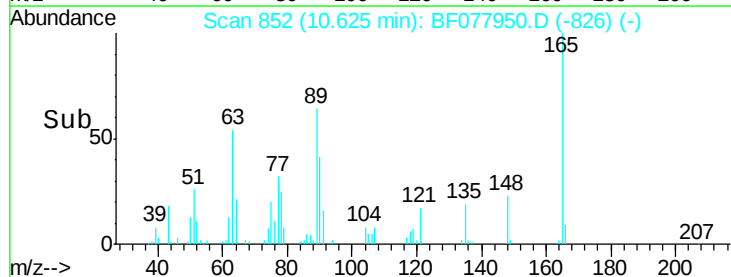
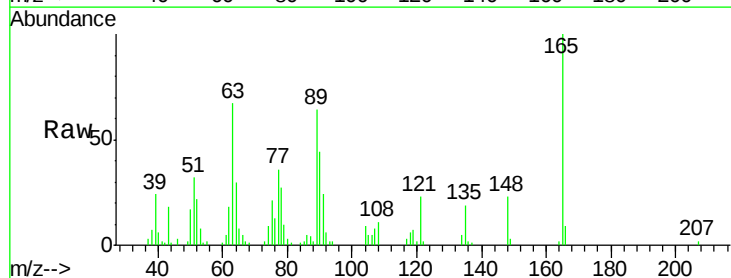
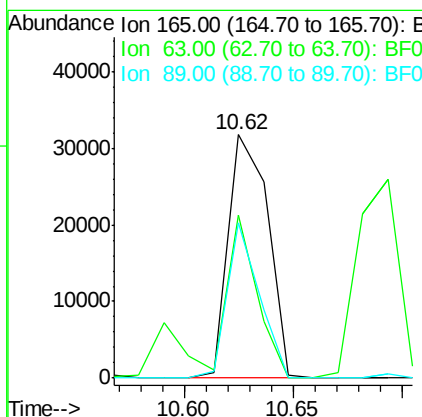
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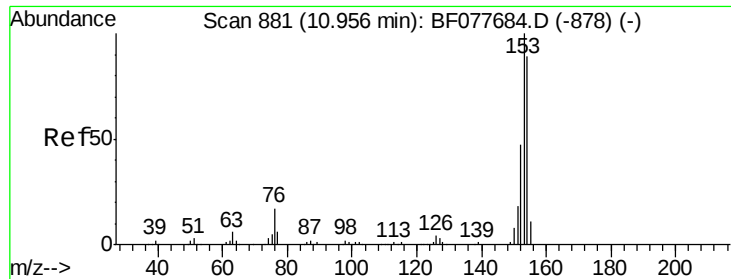
mohammad
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#50
2,6-Dinitrotoluene
Concen: 28.72 ng
RT: 10.62 min Scan# 852
Delta R.T. 0.00 min
Lab File: BF077950.D
Acq: 25 Mar 2015 11:42

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	40100		
63	67.0	44.1	66.1#	
89	63.9	44.3	66.5	





#51

Acenaphthene

Concen: 30.30 ng

RT: 10.91 min Scan# 877

Delta R.T. 0.01 min

Lab File: BF077950.D

Acq: 25 Mar 2015 11:42

Instrument :

BNA_F

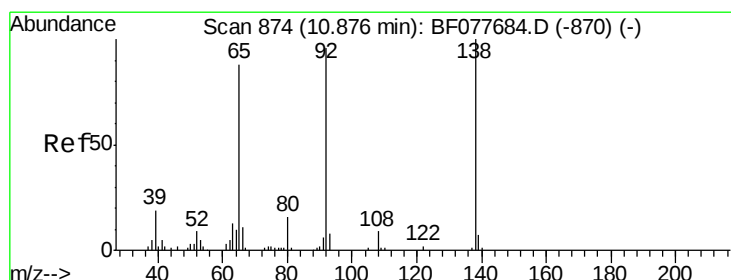
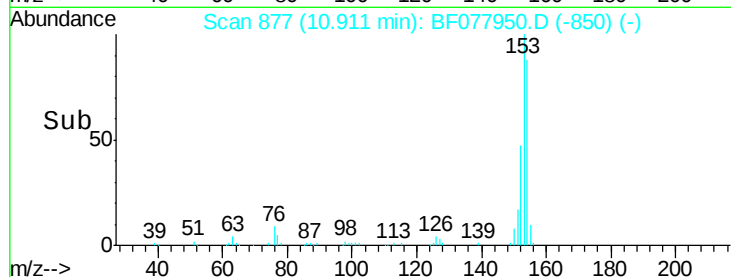
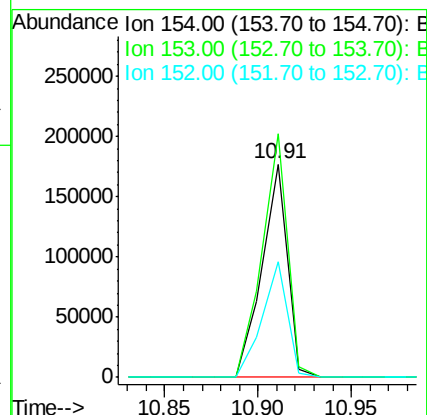
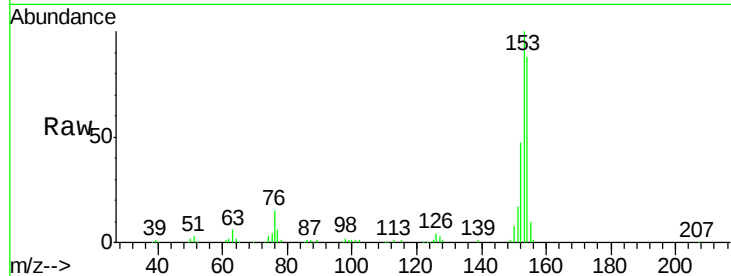
ClientSampled :

SB-14MSD

Tgt Ion:	154	Resp:	170469
Ion Ratio	Lower	Upper	
154	100		
153	114.0	90.0	135.0
152	53.9	42.6	63.8

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#52

3-Nitroaniline

Concen: 31.81 ng

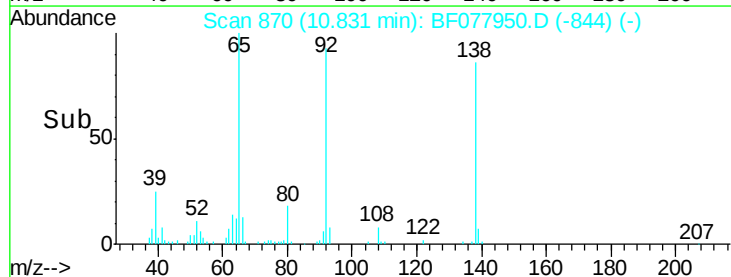
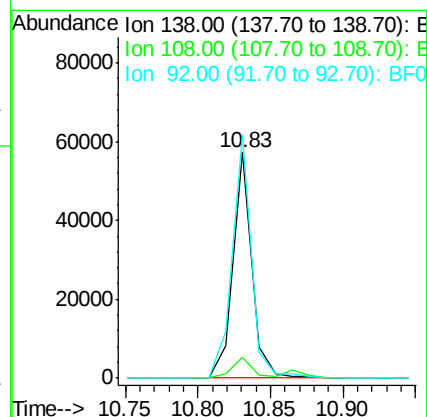
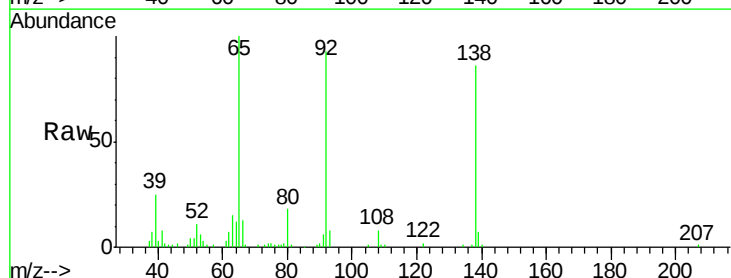
RT: 10.83 min Scan# 870

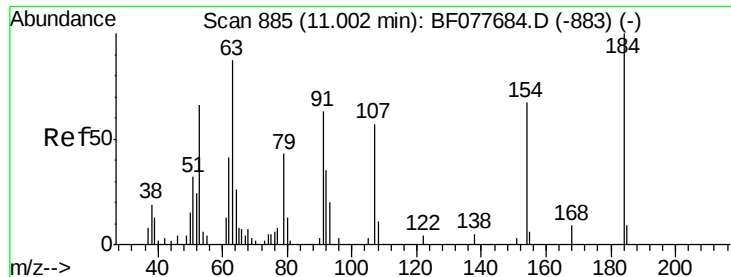
Delta R.T. 0.00 min

Lab File: BF077950.D

Acq: 25 Mar 2015 11:42

Tgt Ion:	138	Resp:	51584
Ion Ratio	Lower	Upper	
138	100		
108	9.3	7.3	10.9
92	108.1	76.6	114.8





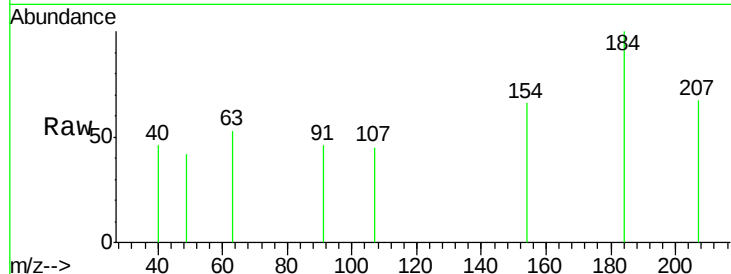
#53
2,4-Dinitrophenol
Concen: 9.80 ng
RT: 10.98 min Scan# 883
Delta R.T. 0.02 min
Lab File: BF077950.D
Acq: 25 Mar 2015 11:42

Instrument :
BNA_F
ClientSampleId :
SB-14MSD

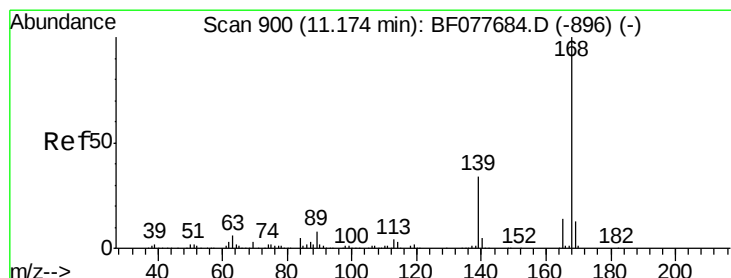
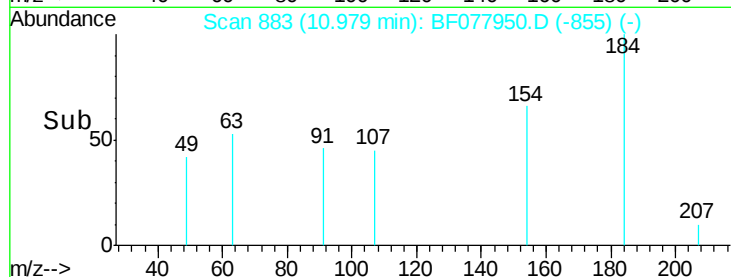
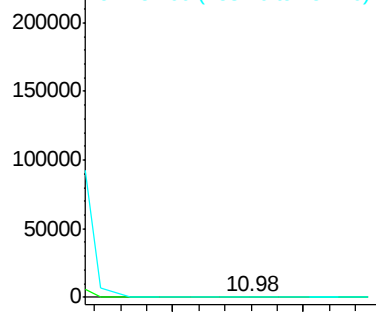
Tgt Ion:184 Resp: 991
Ion Ratio Lower Upper
184 100
63 52.8 69.2 103.8#
154 66.1 53.3 79.9

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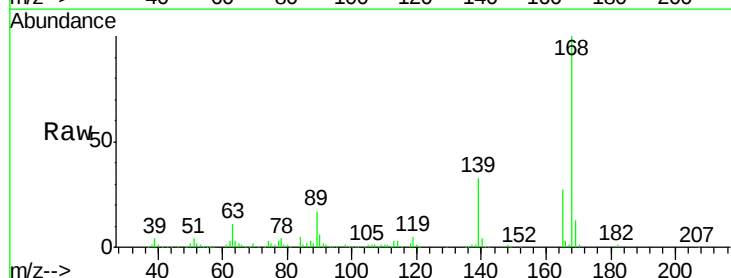


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

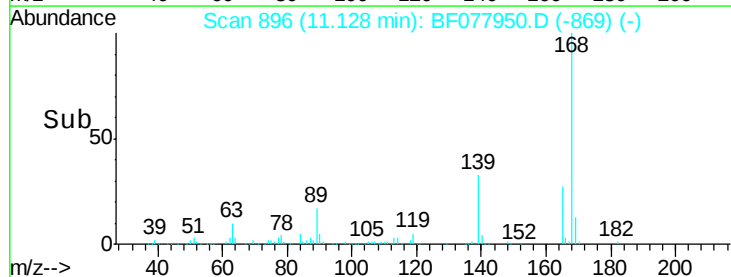
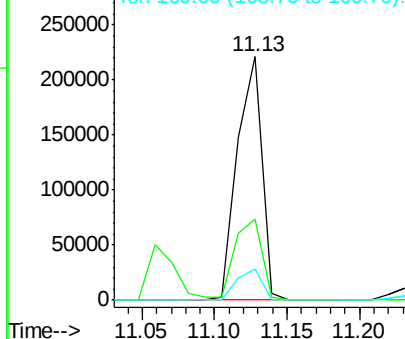


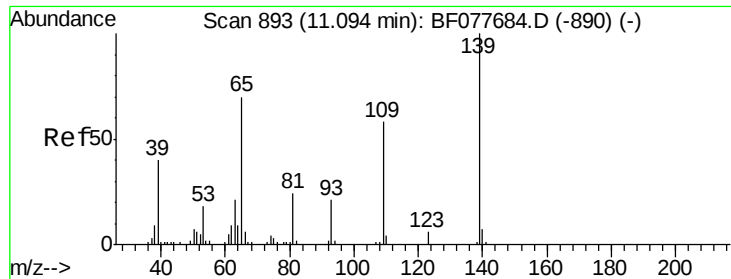
#54
Dibenzofuran
Concen: 31.12 ng
RT: 11.13 min Scan# 896
Delta R.T. 0.01 min
Lab File: BF077950.D
Acq: 25 Mar 2015 11:42

Tgt Ion:168 Resp: 259639
Ion Ratio Lower Upper
168 100
139 33.1 27.3 40.9
169 12.8 10.6 16.0



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





#55

4-Nitrophenol

Concen: 55.40 ng

RT: 11.06 min Scan# 890

Delta R.T. 0.01 min

Lab File: BF077950.D

Acq: 25 Mar 2015 11:42

Instrument :

BNA_F

ClientSampleId :

SB-14MSD

Tgt Ion:139 Resp: 66557
Ion Ratio Lower Upper

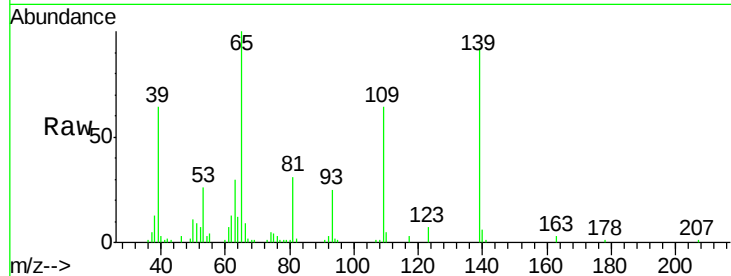
139 100

109 69.4 37.7 77.7

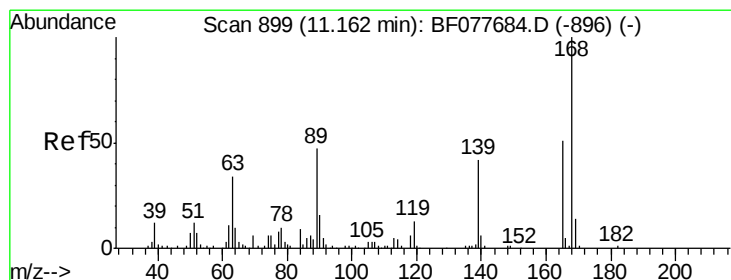
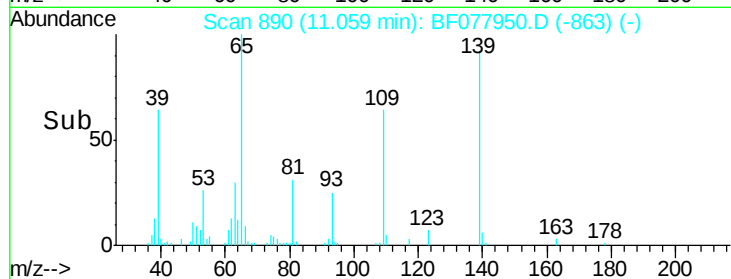
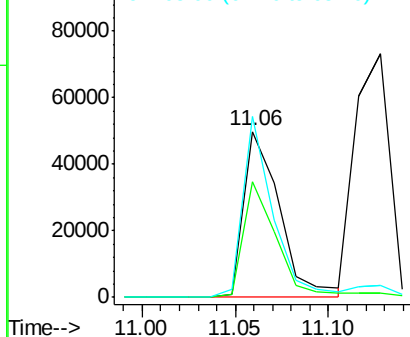
65 109.1 49.9 89.9#

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



#56

2,4-Dinitrotoluene

Concen: 29.33 ng

RT: 11.13 min Scan# 896

Delta R.T. 0.01 min

Lab File: BF077950.D

Acq: 25 Mar 2015 11:42

Tgt Ion:165 Resp: 53412
Ion Ratio Lower Upper

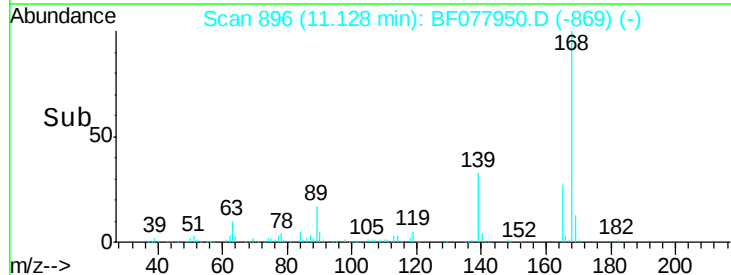
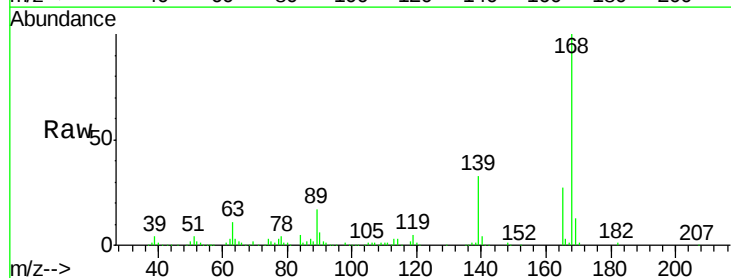
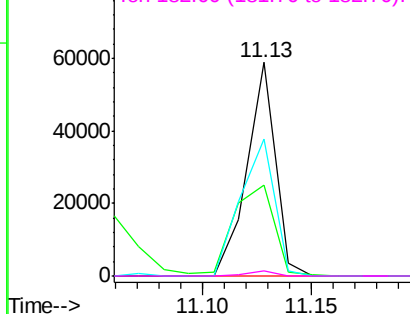
165 100

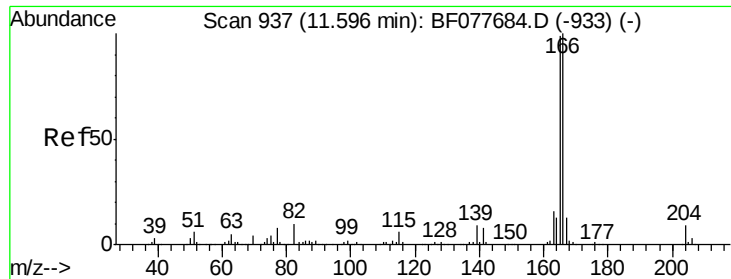
63 42.3 52.4 78.6#

89 64.4 72.4 108.6#

182 2.7 2.0 3.0

Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0
Ion 182.00 (181.70 to 182.70): E





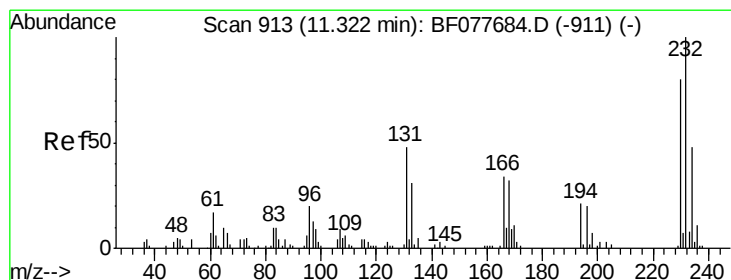
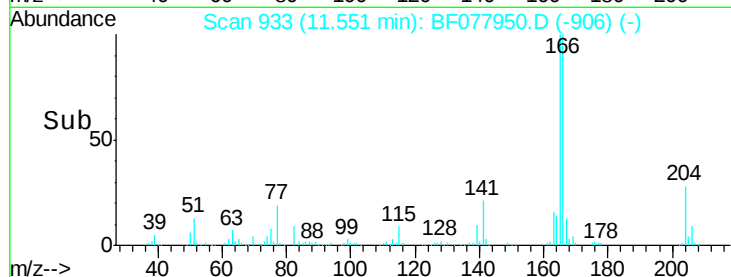
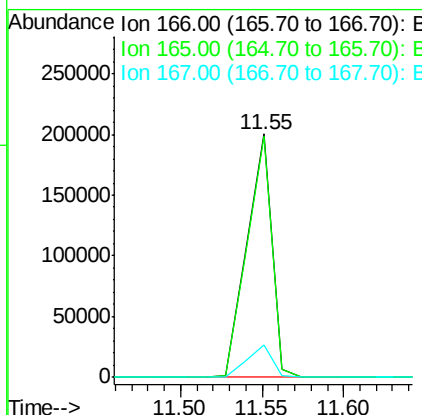
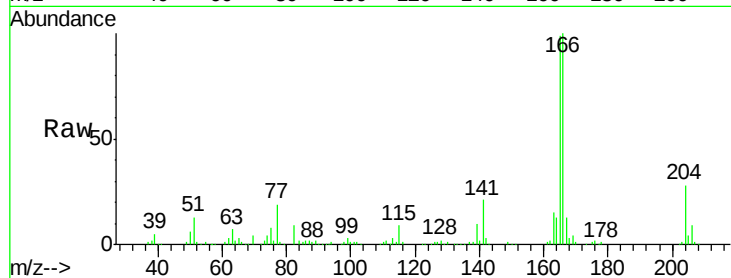
#57
 Fluorene
 Concen: 30.56 ng
 RT: 11.55 min Scan# 933
 Delta R.T. 0.01 min
 Lab File: BF077950.D
 Acq: 25 Mar 2015 11:42

Instrument :
 BNA_F
 ClientSampleID :
 SB-14MSD

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	211698		
165	99.1	79.0	118.4	
167	13.3	10.3	15.5	

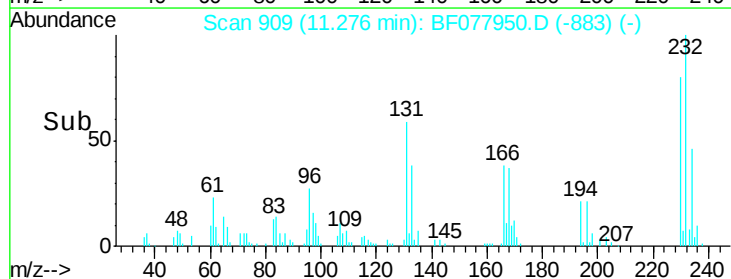
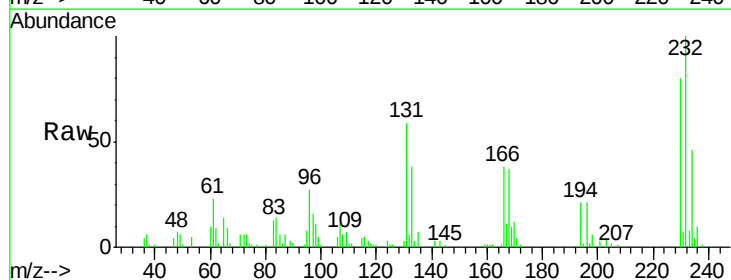
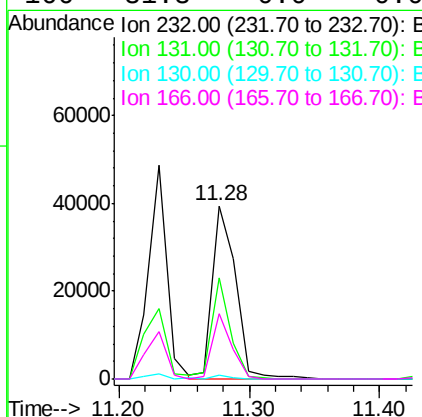
Manual Integrations
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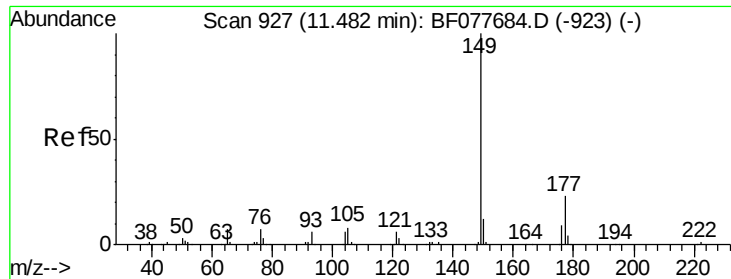
mohammad
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#58
 2,3,4,6-Tetrachlorophenol
 Concen: 31.96 ng
 RT: 11.28 min Scan# 909
 Delta R.T. 0.00 min
 Lab File: BF077950.D
 Acq: 25 Mar 2015 11:42

Tgt Ion	Ratio	Resp	Lower	Upper
232	100	49884		
131	46.4	0.0	0.0#	
130	1.9	0.0	0.0#	
166	31.3	0.0	0.0#	





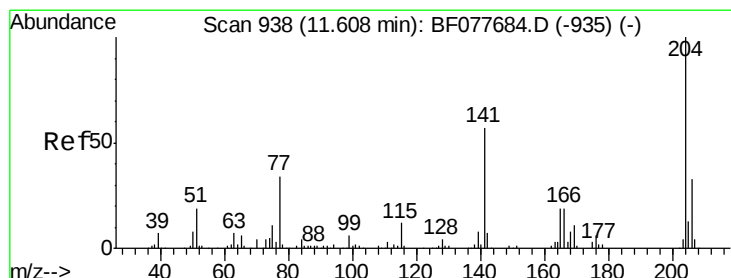
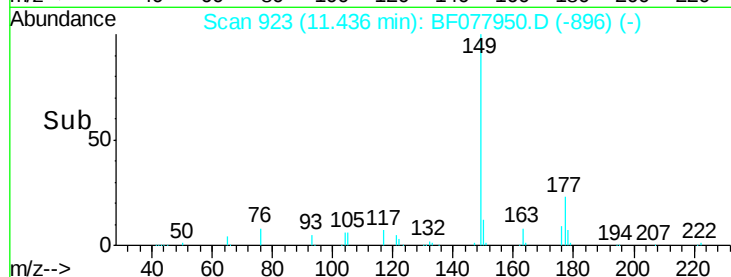
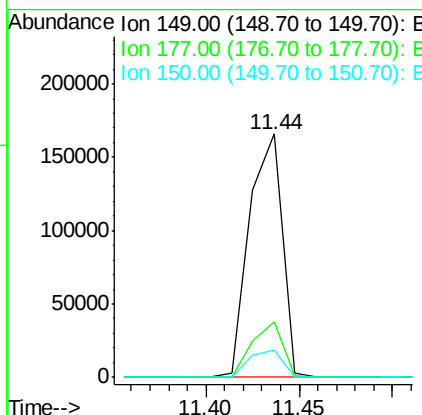
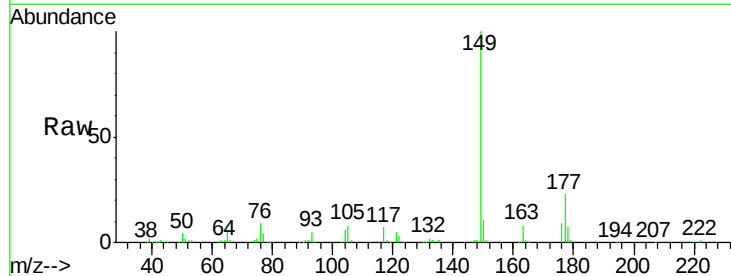
#59
Diethylphthalate
Concen: 31.26 ng
RT: 11.44 min Scan# 923
Delta R.T. 0.01 min
Lab File: BF077950.D
Acq: 25 Mar 2015 11:42

Instrument :
BNA_F
ClientSampleId :
SB-14MSD

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	205169		
177	22.7	18.3	27.5	
150	11.4	9.8	14.8	

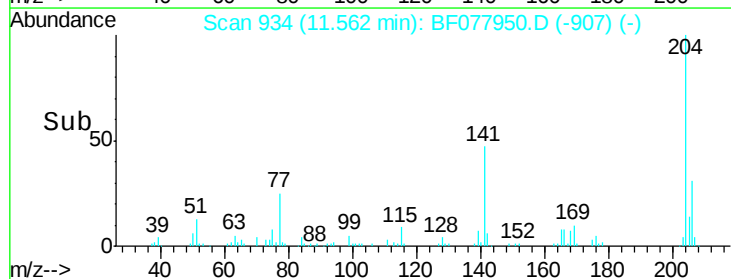
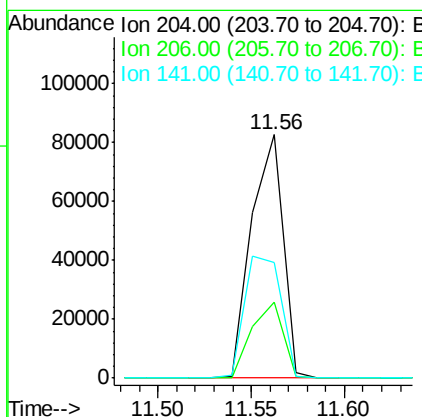
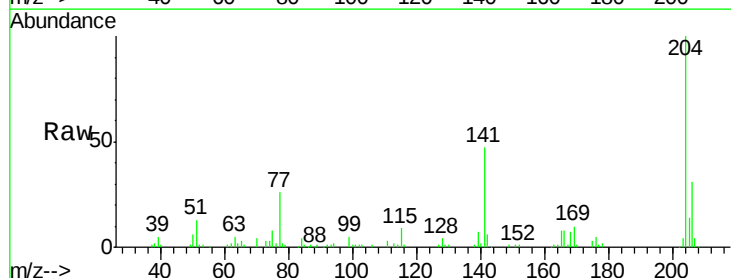
Manual Integrations
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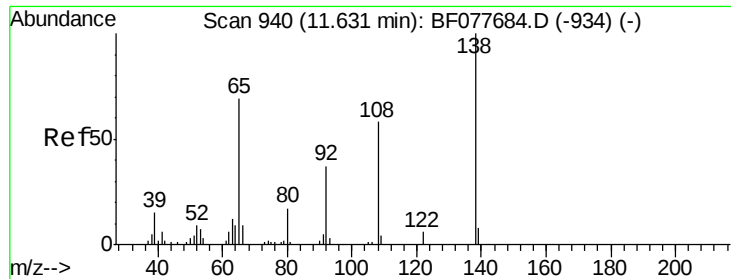
mohammad
3/25/2015 5:01:46 PM



#60
4-Chlorophenyl-phenylether
Concen: 30.77 ng
RT: 11.56 min Scan# 934
Delta R.T. 0.01 min
Lab File: BF077950.D
Acq: 25 Mar 2015 11:42

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	97299		
206	31.3	26.6	39.8	
141	47.3	45.2	67.8	





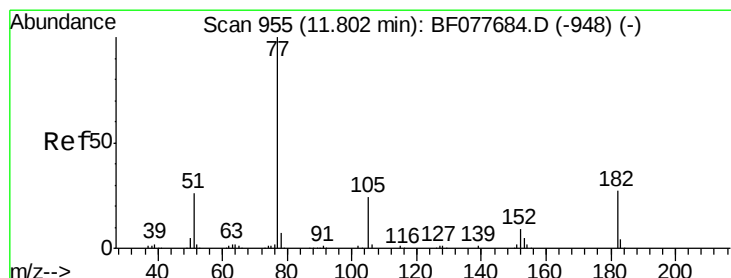
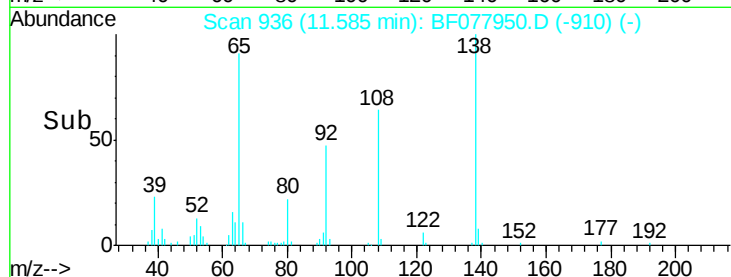
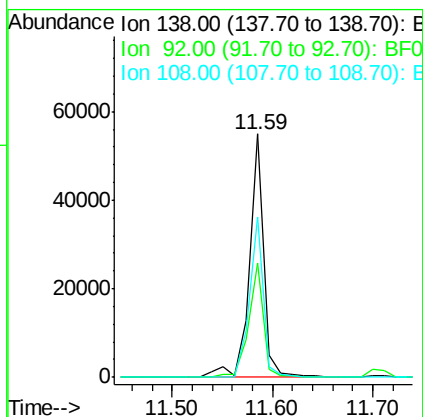
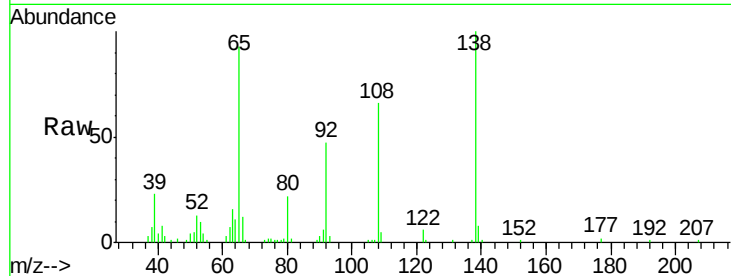
#61
4-Nitroaniline
Concen: 33.66 ng
RT: 11.59 min Scan# 936
Delta R.T. 0.00 min
Lab File: BF077950.D
Acq: 25 Mar 2015 11:42

Instrument :
BNA_F
ClientSampleId :
SB-14MSD

Tgt Ion: 138 Resp: 54403
Ion Ratio Lower Upper
138 100
92 47.0 16.7 56.7
108 65.7 37.6 77.6

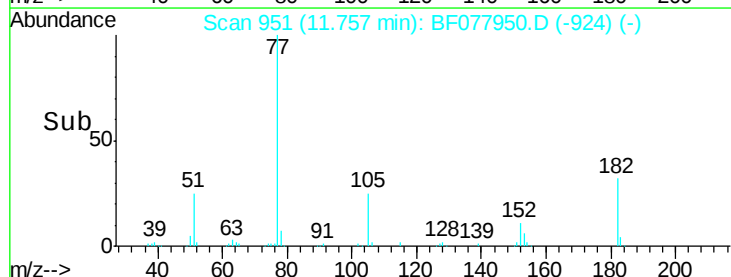
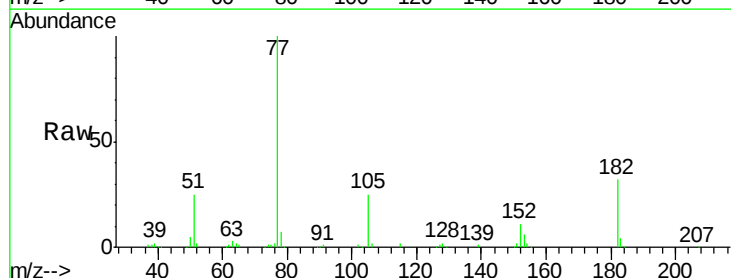
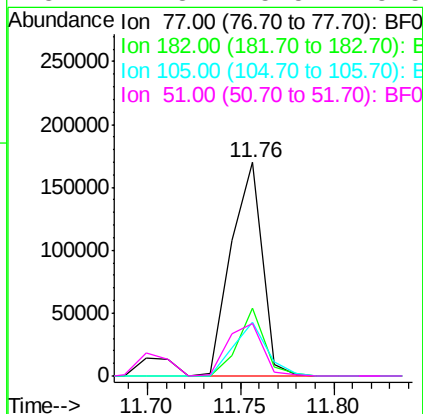
Manual Integrations
APPROVED

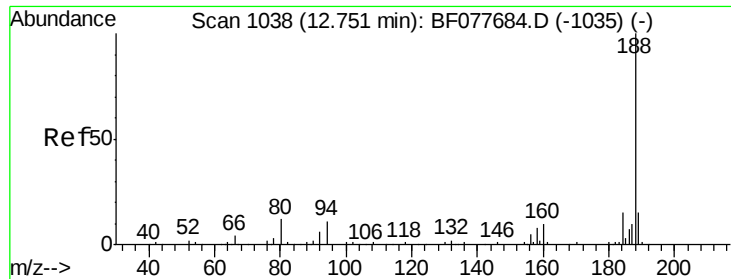
mohammad
3/25/2015 5:01:46 PM



#62
Azobenzene
Concen: 31.83 ng
RT: 11.76 min Scan# 951
Delta R.T. 0.01 min
Lab File: BF077950.D
Acq: 25 Mar 2015 11:42

Tgt Ion: 77 Resp: 199687
Ion Ratio Lower Upper
77 100
182 31.7 6.5 46.5
105 25.0 3.8 43.8
51 24.8 5.5 45.5





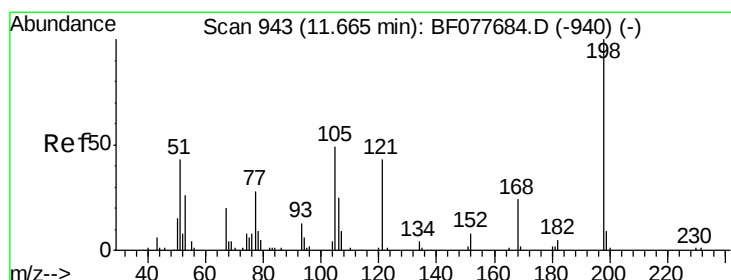
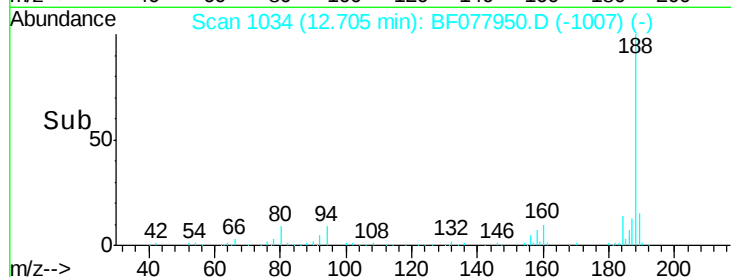
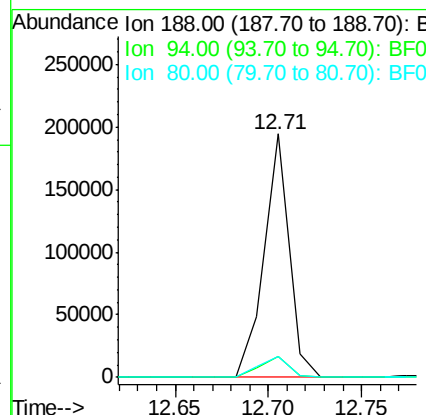
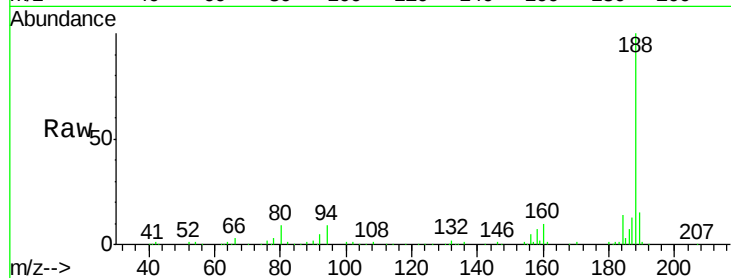
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.71 min Scan# 1034
Delta R.T. 0.01 min
Lab File: BF077950.D
Acq: 25 Mar 2015 11:42

Instrument :
BNA_F
ClientSampleId :
SB-14MSD

Tgt Ion	Ratio	Resp Lower	Resp Upper
188	100		
94	8.6	8.7	13.1#
80	8.6	9.3	13.9#

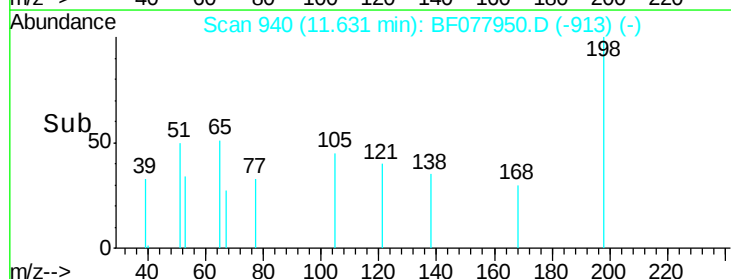
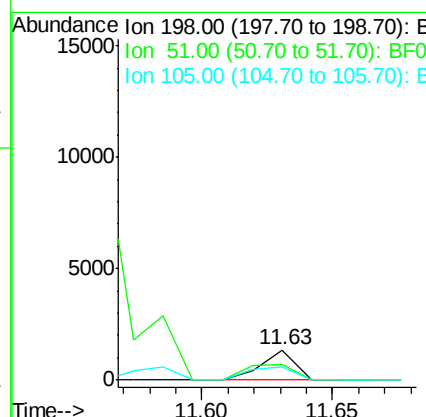
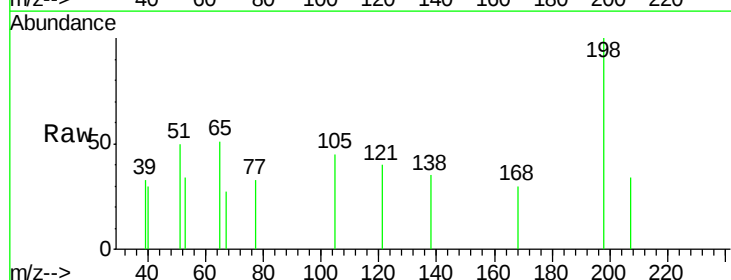
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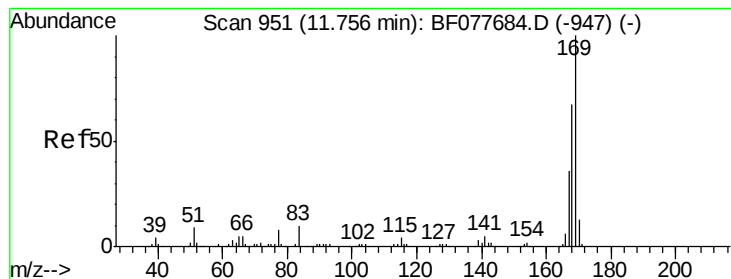
mohammad
3/25/2015 5:01:46 PM



#64
4,6-Dinitro-2-methylphenol
Concen: 5.62 ng
RT: 11.63 min Scan# 940
Delta R.T. 0.01 min
Lab File: BF077950.D
Acq: 25 Mar 2015 11:42

Tgt Ion	Ratio	Resp Lower	Resp Upper
198	100		
51	50.5	28.8	68.8
105	45.0	30.5	70.5





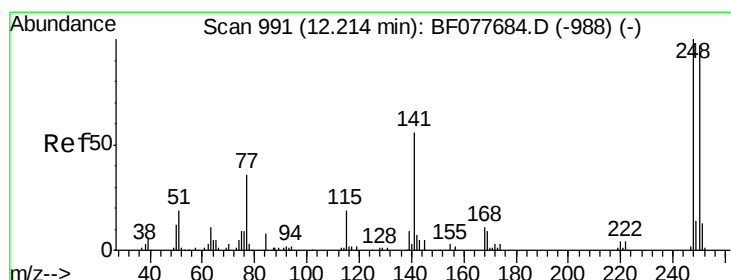
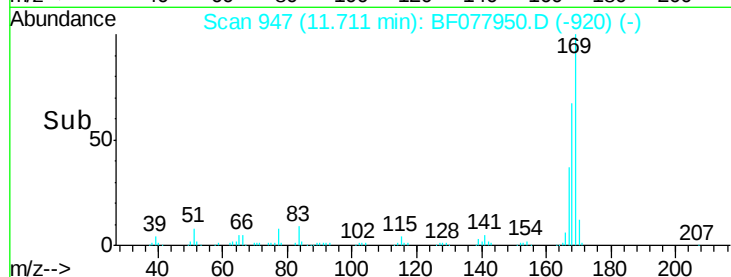
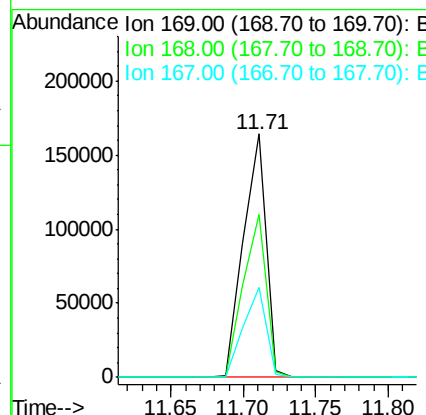
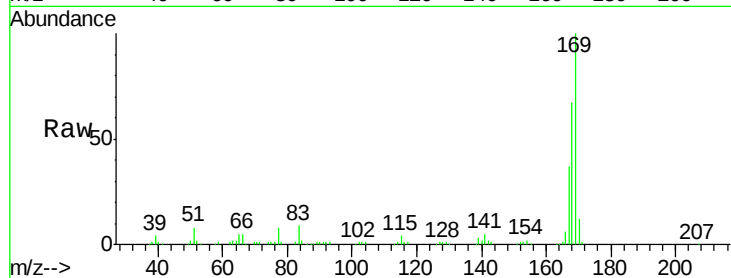
#65
 n-Nitrosodiphenylamine
 Concen: 29.86 ng
 RT: 11.71 min Scan# 947
 Delta R.T. 0.01 min
 Lab File: BF077950.D
 Acq: 25 Mar 2015 11:42

Instrument :
 BNA_F
 ClientSampleId :
 SB-14MSD

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	179260		
168	66.9	53.9	80.9	
167	36.8	28.9	43.3	

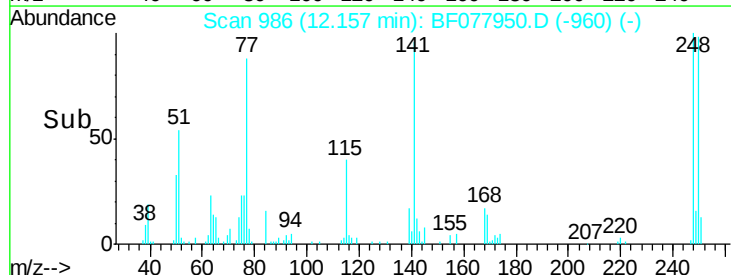
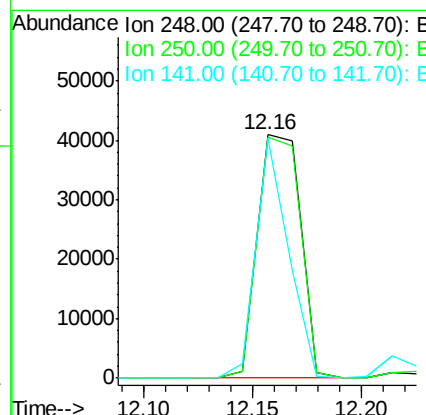
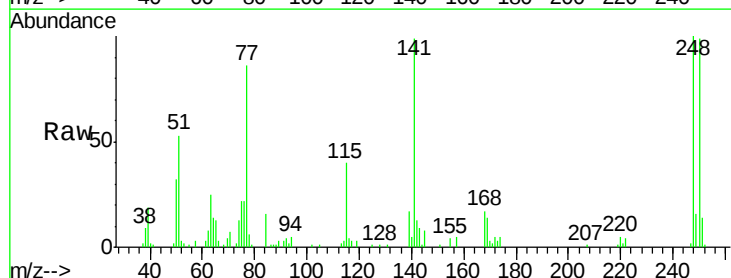
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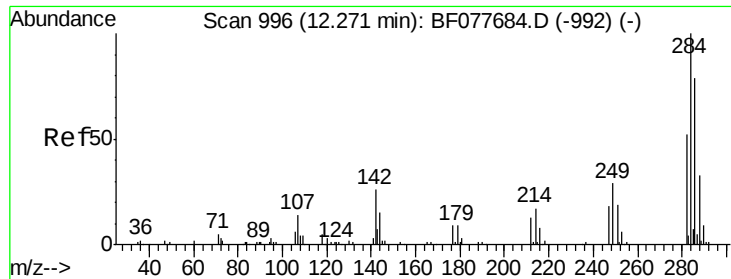
mohammad
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#66
 4-Bromophenyl-phenylether
 Concen: 29.55 ng
 RT: 12.16 min Scan# 986
 Delta R.T. 0.00 min
 Lab File: BF077950.D
 Acq: 25 Mar 2015 11:42

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	56847		
250	99.2	77.4	116.0	
141	98.6	45.2	67.8	





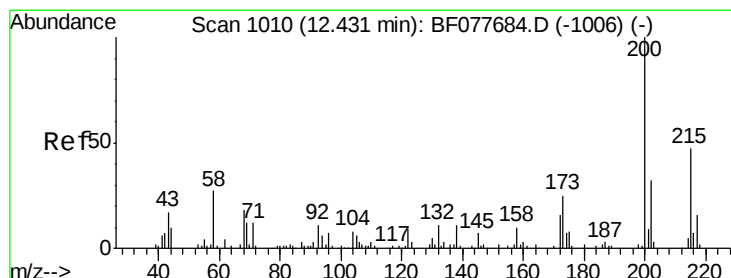
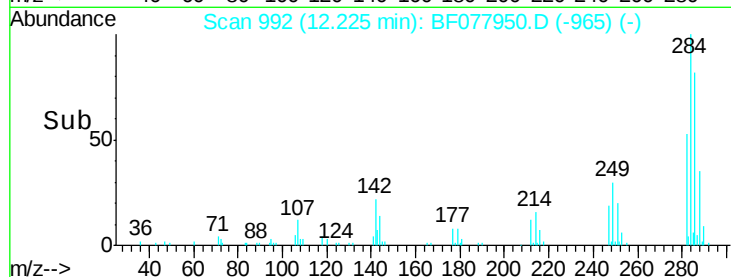
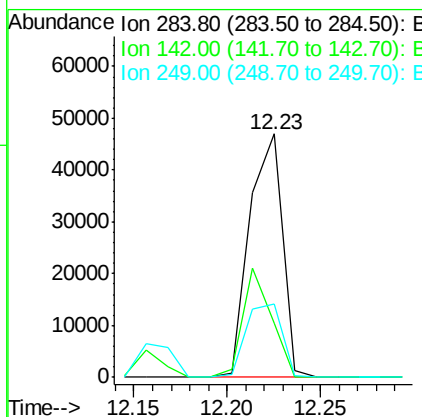
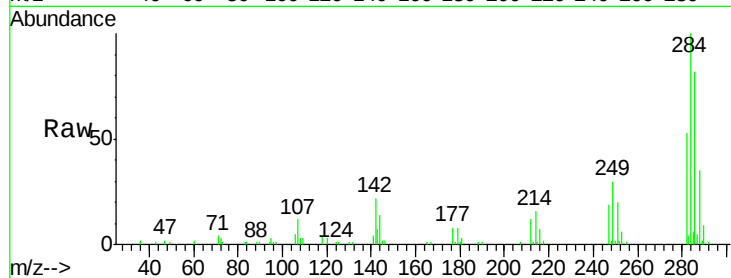
#67
Hexachlorobenzene
Concen: 27.56 ng
RT: 12.23 min Scan# 992
Delta R.T. 0.01 min
Lab File: BF077950.D
Acq: 25 Mar 2015 11:42

Instrument :
BNA_F
ClientSampleId :
SB-14MSD

Tgt Ion	Ratio	Resp	Lower	Upper
284	100	58262		
142	22.3	20.4	30.6	
249	30.3	23.8	35.6	

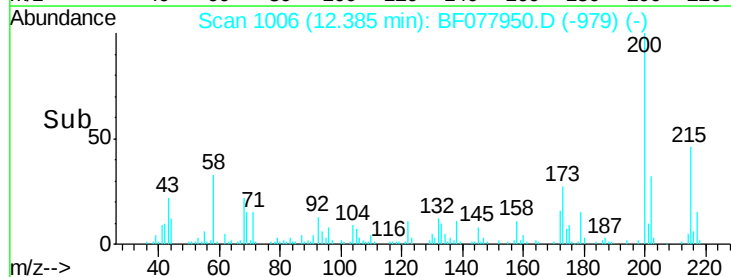
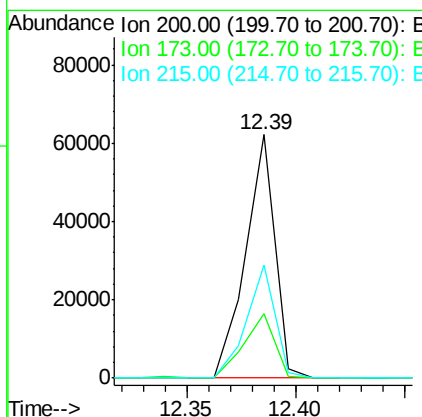
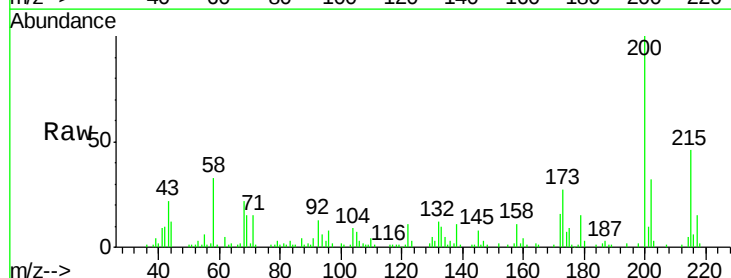
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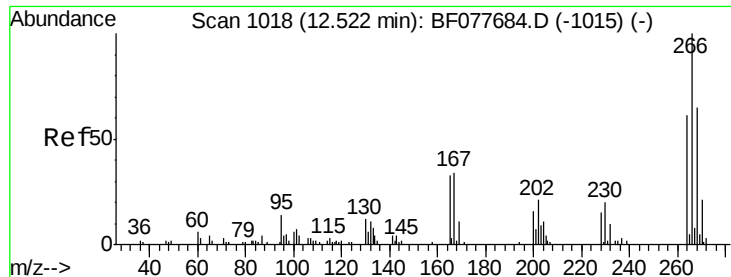
mohammad
3/25/2015 5:01:46 PM



#68
Atrazine
Concen: 34.46 ng
RT: 12.39 min Scan# 1006
Delta R.T. 0.01 min
Lab File: BF077950.D
Acq: 25 Mar 2015 11:42

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	57960		
173	26.7	4.8	44.8	
215	46.2	26.9	66.9	





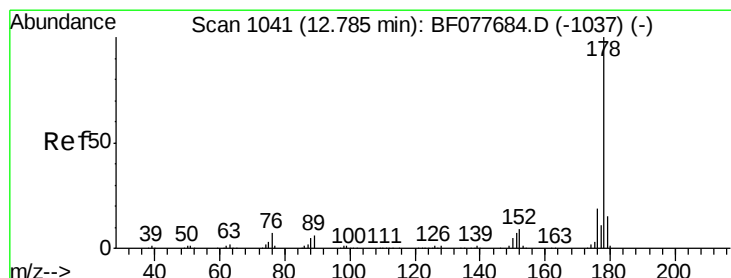
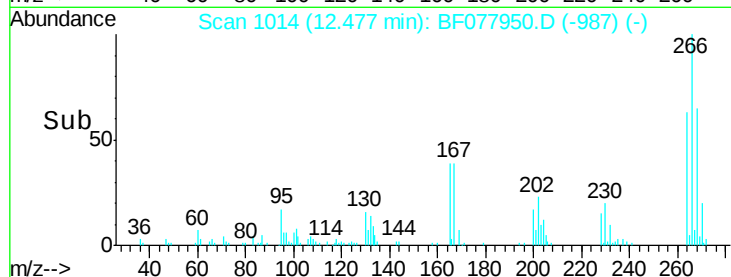
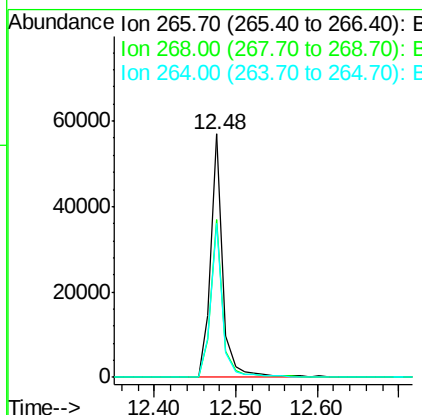
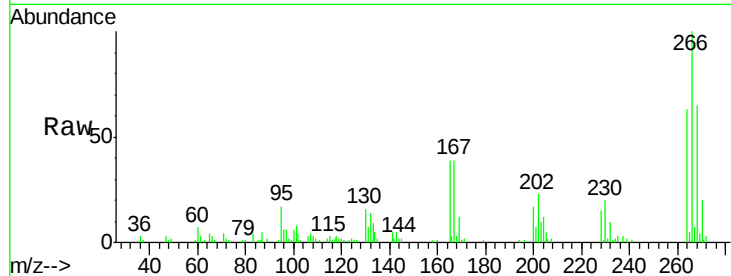
#69
 Pentachlorophenol
 Concen: 55.71 ng
 RT: 12.48 min Scan# 1014
 Delta R.T. 0.01 min
 Lab File: BF077950.D
 Acq: 25 Mar 2015 11:42

Instrument :
 BNA_F
 ClientSampleId :
 SB-14MSD

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	60598		
268	64.6	52.0	78.0	
264	63.3	49.0	73.4	

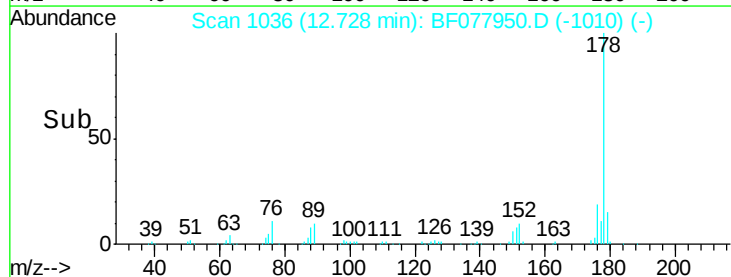
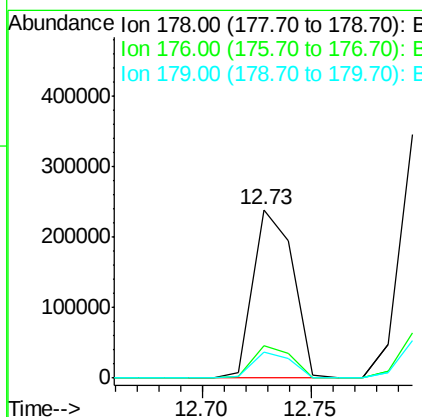
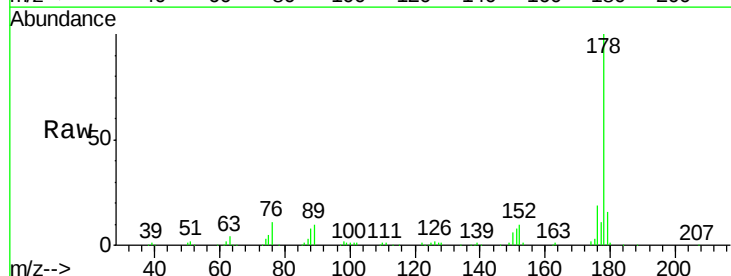
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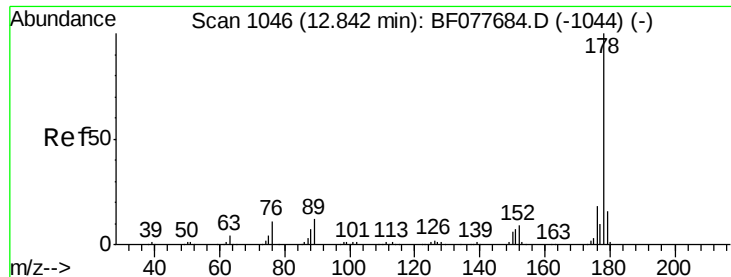
mohammad
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#70
 Phenanthrene
 Concen: 29.57 ng
 RT: 12.73 min Scan# 1036
 Delta R.T. 0.00 min
 Lab File: BF077950.D
 Acq: 25 Mar 2015 11:42

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	306059		
176	19.0	15.2	22.8	
179	15.6	12.1	18.1	





#71

Anthracene

Concen: 30.87 ng

RT: 12.80 min Scan# 1042

Delta R.T. 0.00 min

Lab File: BF077950.D

Acq: 25 Mar 2015 11:42

Instrument :

BNA_F

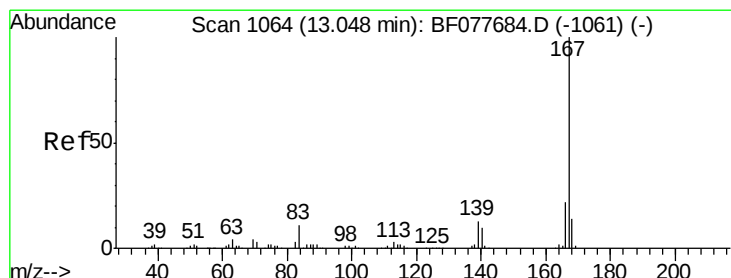
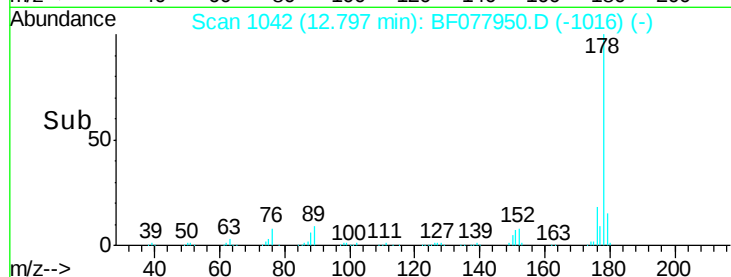
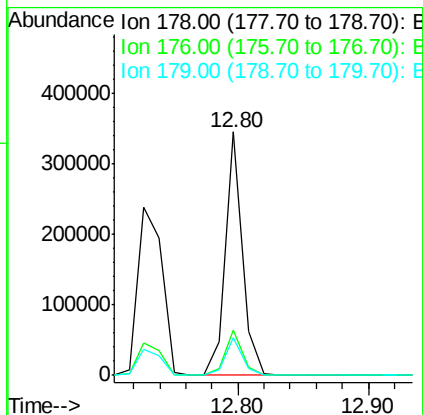
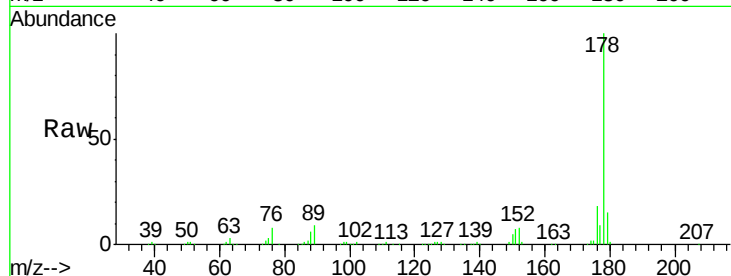
ClientSampleId :

SB-14MSD

Tgt Ion:	178	Resp:	315579
Ion Ratio	Lower	Upper	
178	100		
176	18.4	14.6	22.0
179	15.4	12.6	19.0

Manual Integrations
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#72

Carbazole

Concen: 30.65 ng

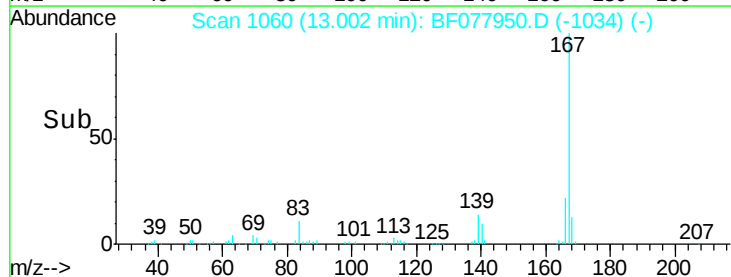
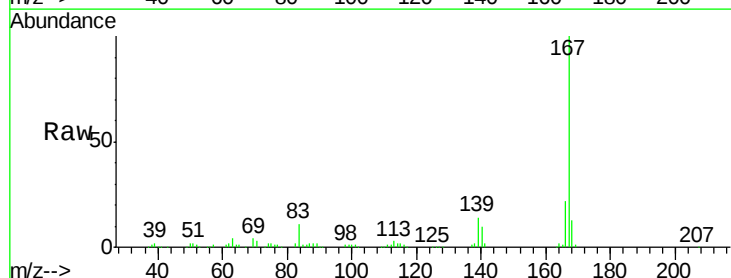
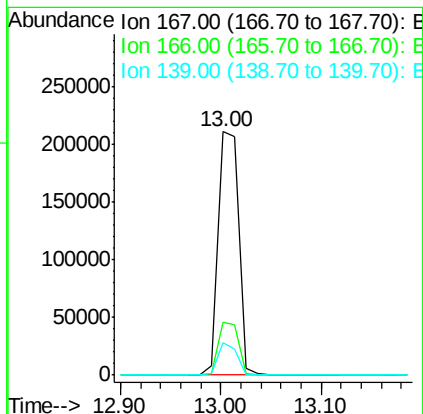
RT: 13.00 min Scan# 1060

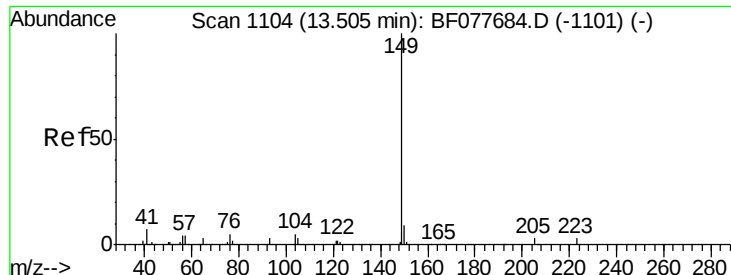
Delta R.T. 0.00 min

Lab File: BF077950.D

Acq: 25 Mar 2015 11:42

Tgt Ion:	167	Resp:	298063
Ion Ratio	Lower	Upper	
167	100		
166	21.7	17.2	25.8
139	13.6	10.8	16.2





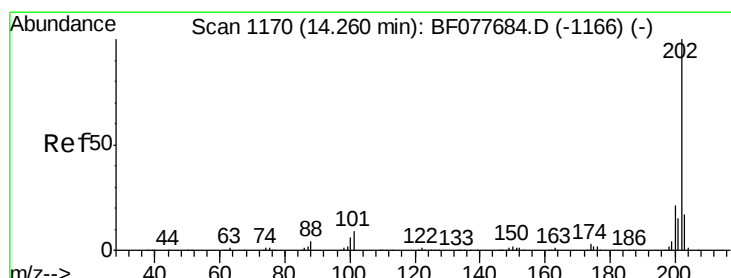
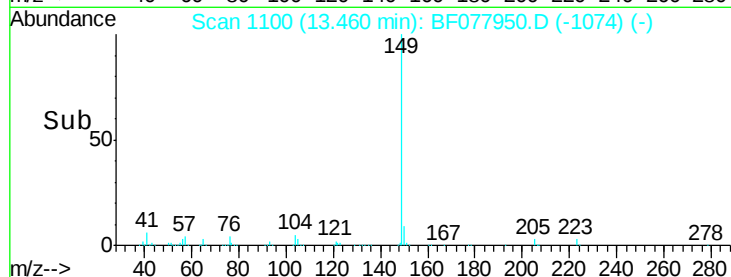
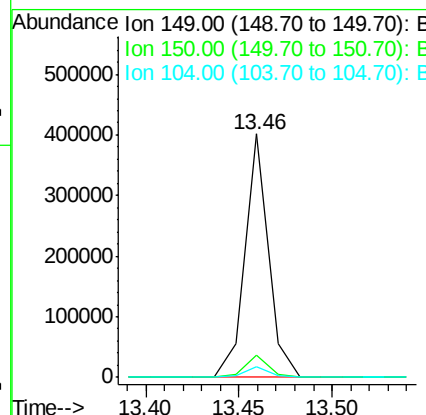
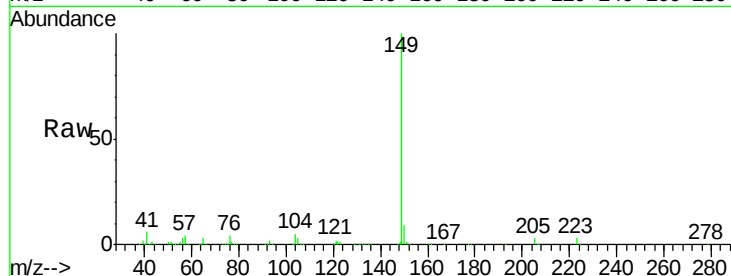
#73
Di-n-butylphthalate
Concen: 32.38 ng
RT: 13.46 min Scan# 1100
Delta R.T. 0.00 min
Lab File: BF077950.D
Acq: 25 Mar 2015 11:42

Instrument :
BNA_F
ClientSampleId :
SB-14MSD

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	353088		
150	9.0	7.5	11.3	
104	4.5	3.7	5.5	

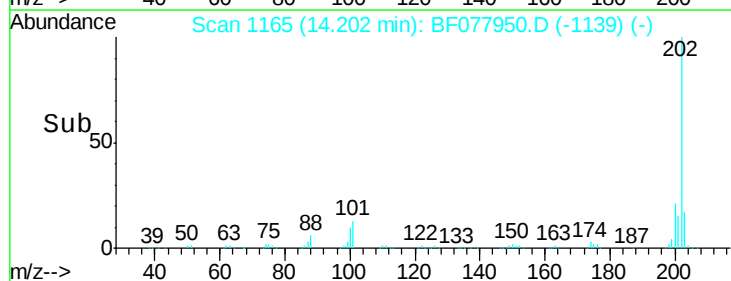
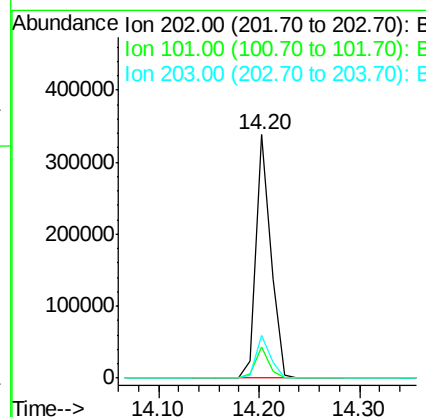
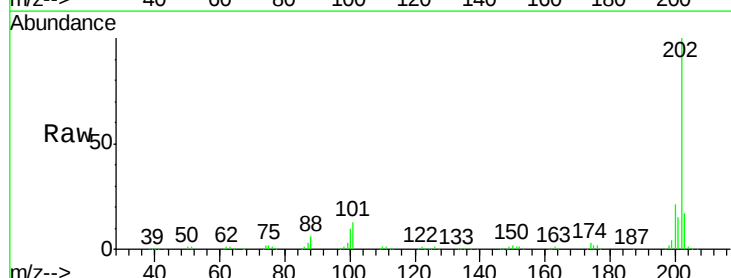
Manual Integrations
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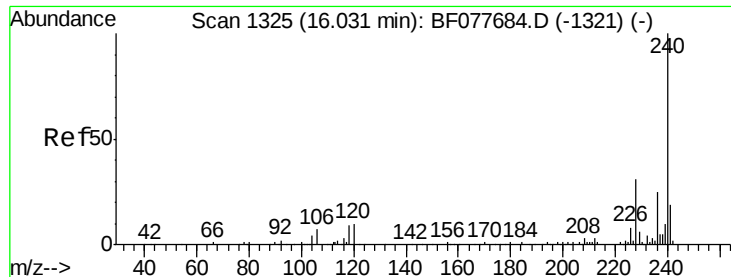
mohammad
3/25/2015 5:01:46 PM



#74
Fluoranthene
Concen: 30.39 ng
RT: 14.20 min Scan# 1165
Delta R.T. 0.00 min
Lab File: BF077950.D
Acq: 25 Mar 2015 11:42

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	346939		
101	12.9	0.0	28.7	
203	17.3	0.0	37.2	





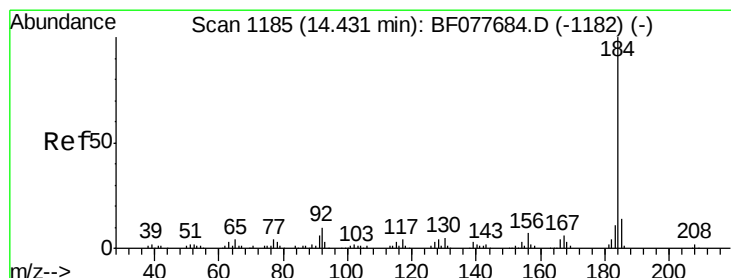
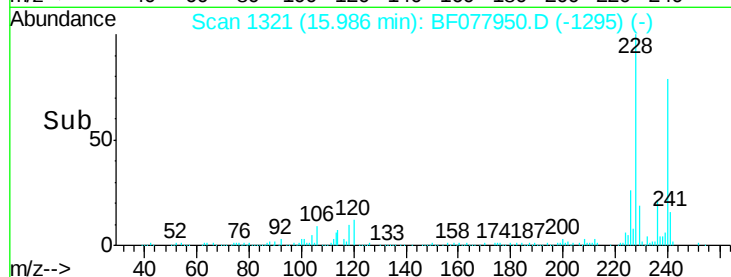
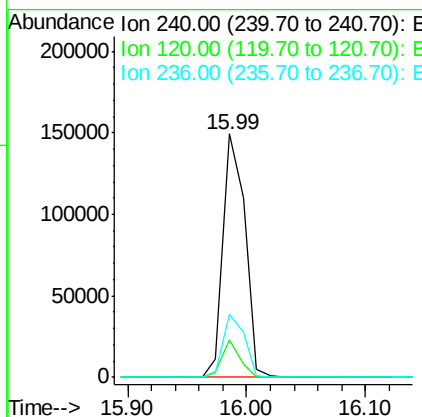
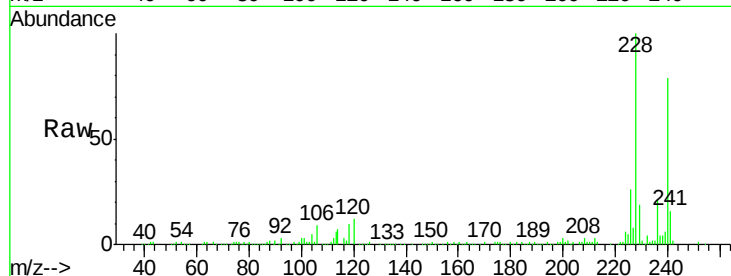
#75
Chrysene-d12
Concen: 20.00 ng
RT: 15.99 min Scan# 1321
Delta R.T. 0.00 min
Lab File: BF077950.D
Acq: 25 Mar 2015 11:42

Instrument :
BNA_F
ClientSampleId :
SB-14MSD

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	190732		
120	15.5	8.2	12.2#	
236	26.0	20.0	30.0	

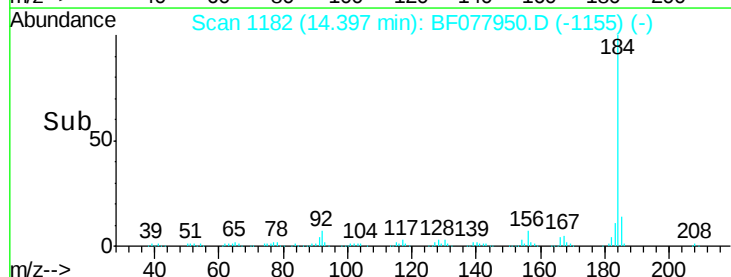
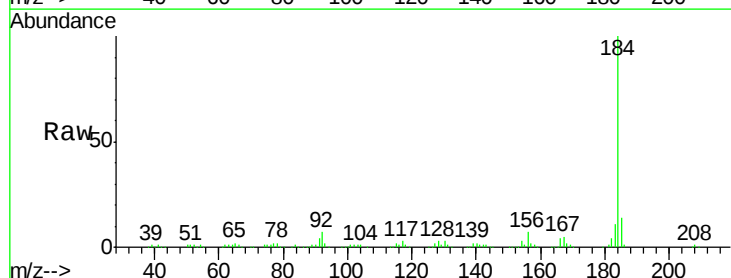
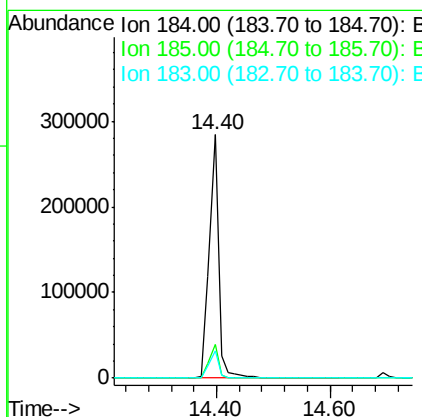
Manual Integrations
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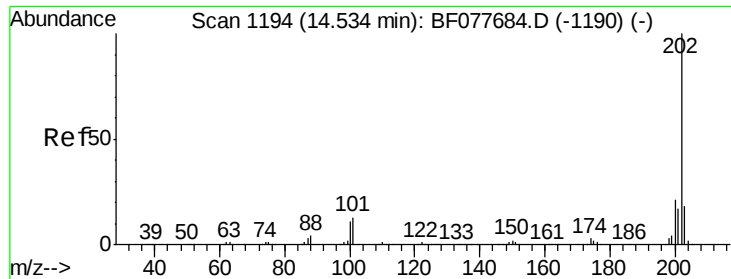
mohammad
3/25/2015 5:01:46 PM



#76
Benzidine
Concen: 66.70 ng
RT: 14.40 min Scan# 1182
Delta R.T. 0.01 min
Lab File: BF077950.D
Acq: 25 Mar 2015 11:42

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	313147		
185	13.9	11.3	16.9	
183	11.3	8.9	13.3	





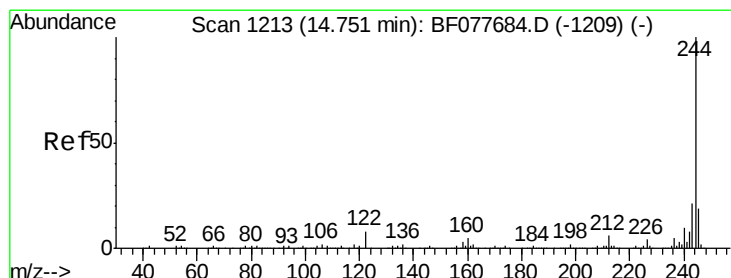
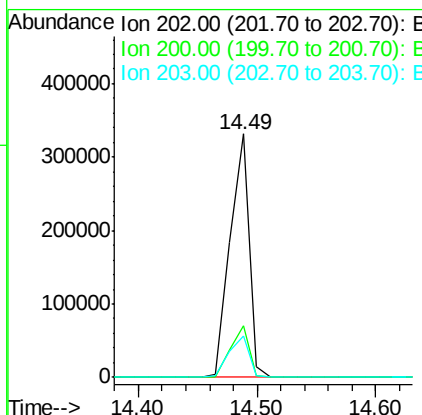
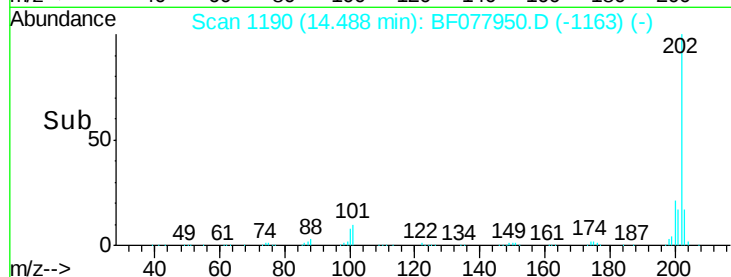
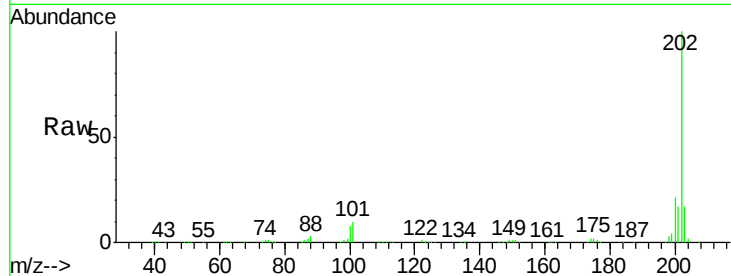
#77
 Pyrene
 Concen: 30.68 ng
 RT: 14.49 min Scan# 1190
 Delta R.T. 0.01 min
 Lab File: BF077950.D
 Acq: 25 Mar 2015 11:42

Instrument :
 BNA_F
 ClientSampleId :
 SB-14MSD

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	367924		
200	21.2	16.9	25.3	
203	17.2	14.1	21.1	

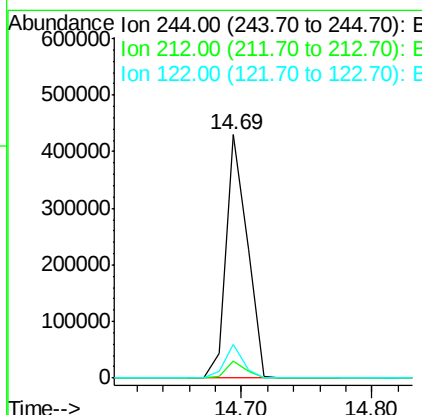
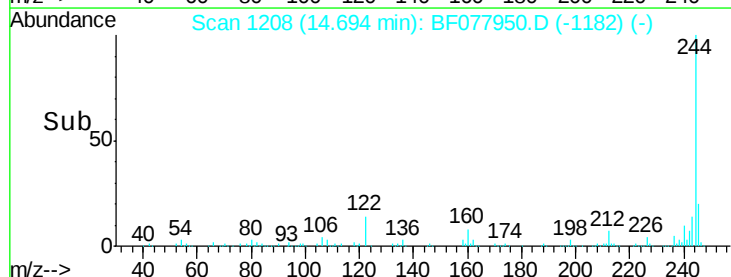
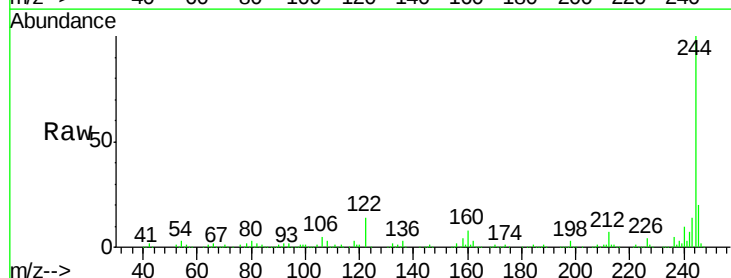
Manual Integrations
 APPROVED

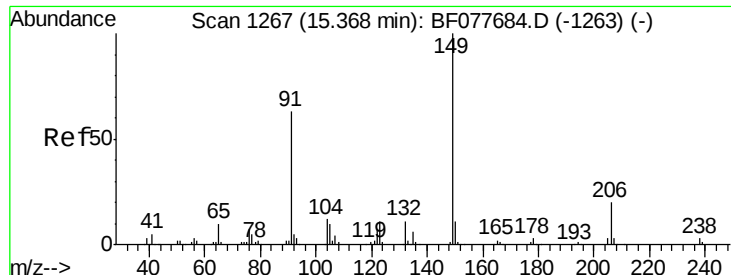
mohammad
 3/25/2015 5:01:46 PM



#78
 Terphenyl-d14
 Concen: 61.92 ng
 RT: 14.69 min Scan# 1208
 Delta R.T. 0.00 min
 Lab File: BF077950.D
 Acq: 25 Mar 2015 11:42

Tgt Ion	Ratio	Resp	Lower	Upper
244	100	483485		
212	6.9	4.9	7.3	
122	14.0	6.2	9.4	





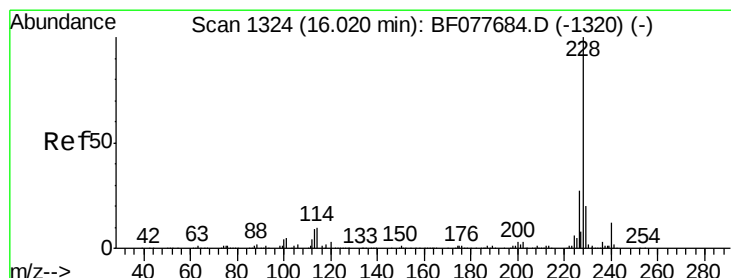
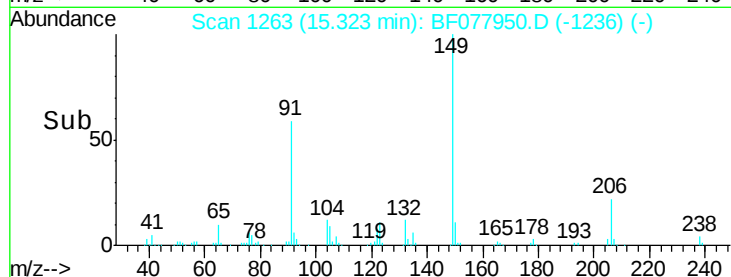
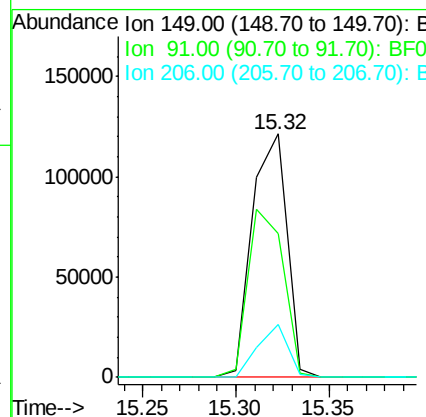
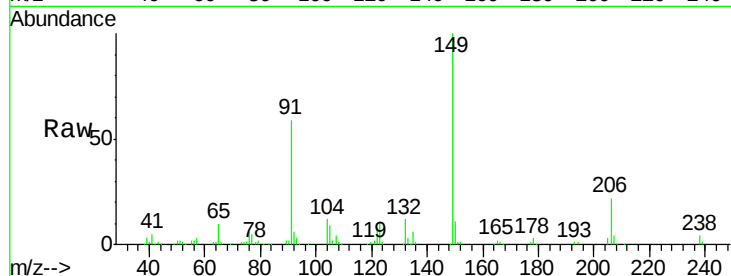
#79
Butylbenzylphthalate
Concen: 33.15 ng
RT: 15.32 min Scan# 1263
Delta R.T. 0.01 min
Lab File: BF077950.D
Acq: 25 Mar 2015 11:42

Instrument :
BNA_F
ClientSampleId :
SB-14MSD

Tgt Ion	Ratio	Resp Lower	Resp Upper
149	100		
91	58.8	50.1	75.1
206	21.6	16.2	24.2

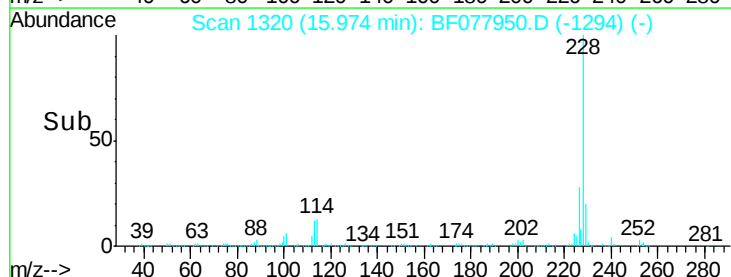
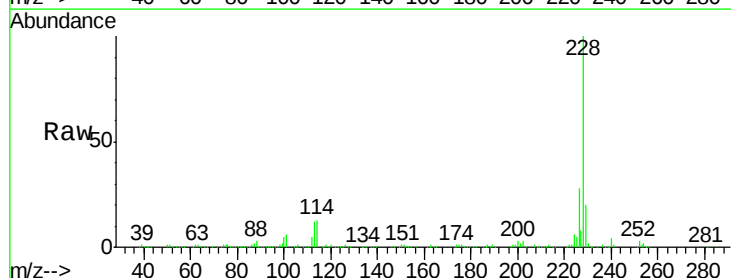
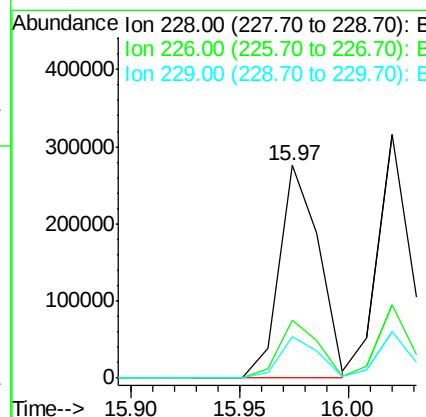
Manual Integrations
APPROVED

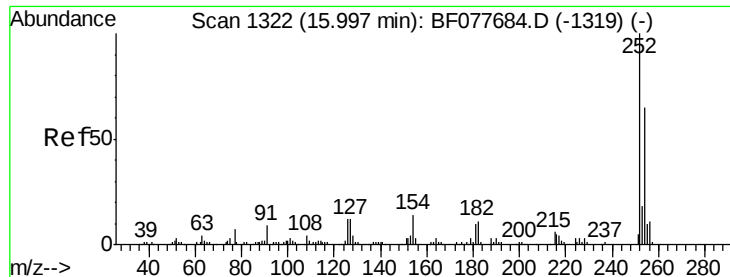
mohammad
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#80
Benzo(a)anthracene
Concen: 31.04 ng
RT: 15.97 min Scan# 1320
Delta R.T. 0.00 min
Lab File: BF077950.D
Acq: 25 Mar 2015 11:42

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
226	27.5	21.7	32.5
229	19.6	16.0	24.0





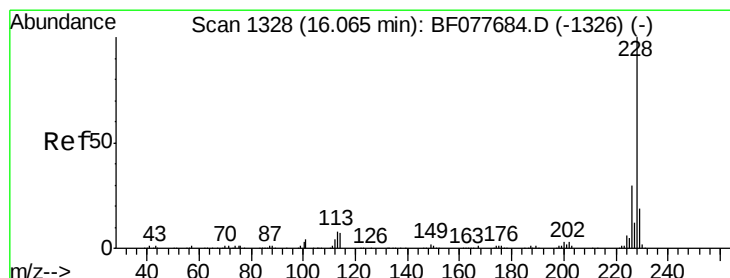
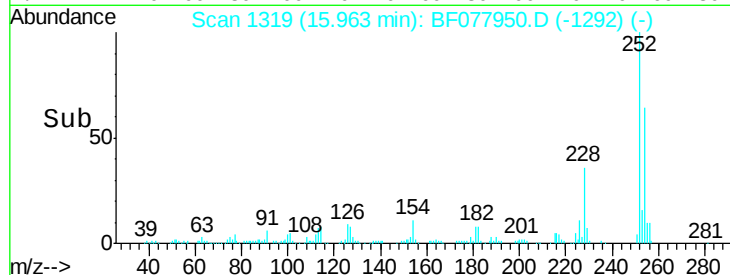
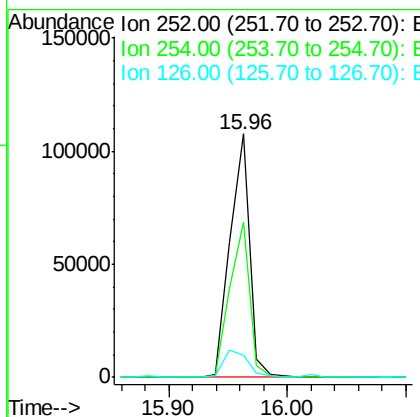
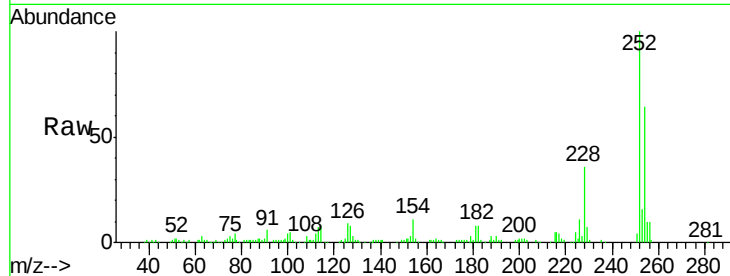
#81
 3,3'-Dichlorobenzidine
 Concen: 32.90 ng
 RT: 15.96 min Scan# 1319
 Delta R.T. 0.01 min
 Lab File: BF077950.D
 Acq: 25 Mar 2015 11:42

Instrument :
 BNA_F
 ClientSampleId :
 SB-14MSD

Tgt Ion	Ratio	Resp Lower	Resp Upper
252	100		
254	63.5	51.9	77.9
126	9.2	9.8	14.8

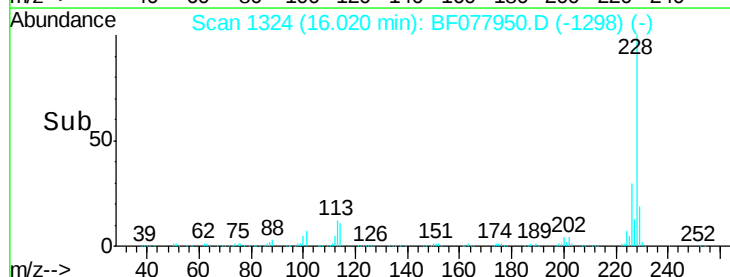
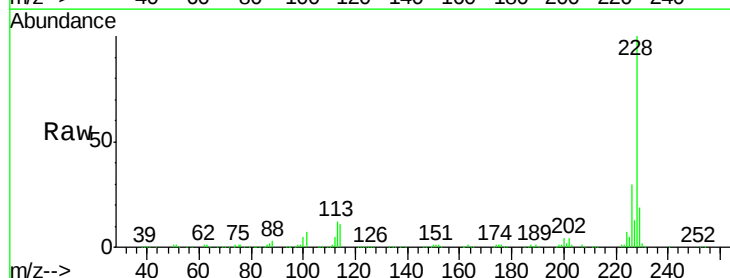
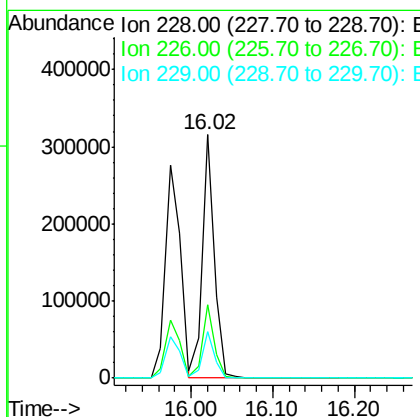
Manual Integrations
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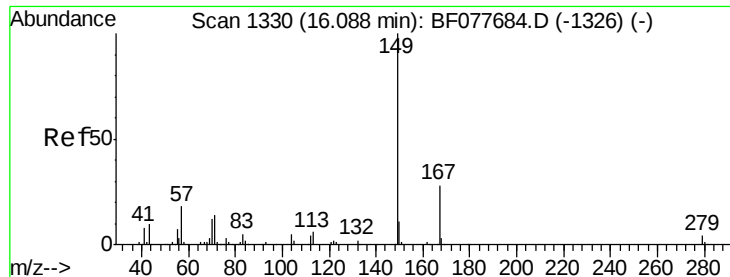
mohammad
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#82
 Chrysene
 Concen: 32.66 ng
 RT: 16.02 min Scan# 1324
 Delta R.T. 0.00 min
 Lab File: BF077950.D
 Acq: 25 Mar 2015 11:42

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





#83

Bis(2-ethylhexyl)phthalate

Concen: 34.01 ng

RT: 16.04 min Scan# 1326

Delta R.T. 0.00 min

Lab File: BF077950.D

Acq: 25 Mar 2015 11:42

Instrument :

BNA_F

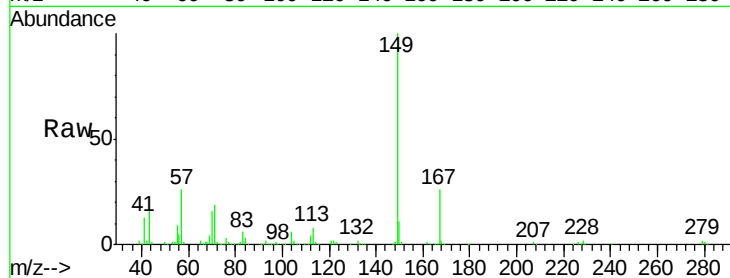
ClientSampleId :

SB-14MSD

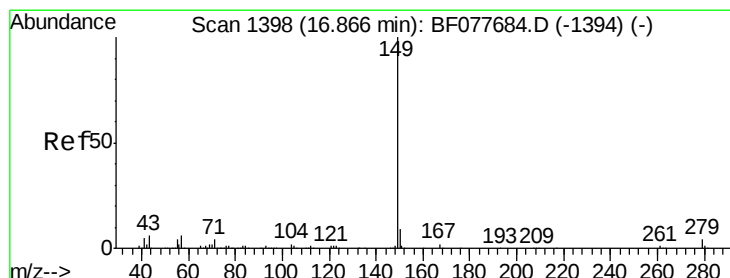
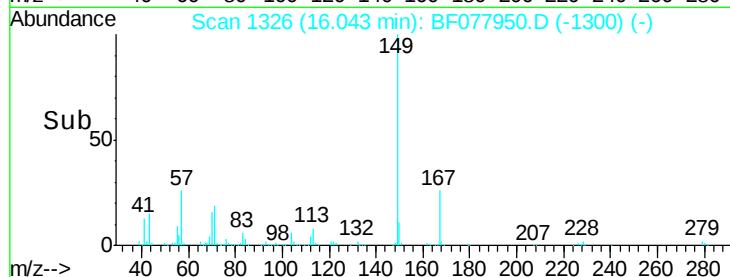
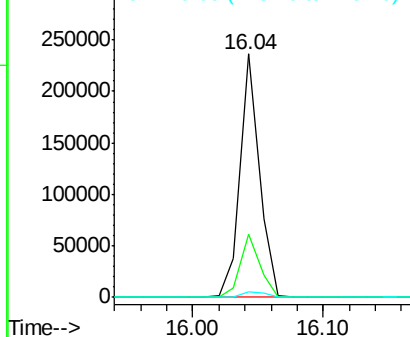
Tgt Ion:	149	Resp:	243622
Ion Ratio	Lower	Upper	
149	100		
167	25.9	22.4	33.6
279	2.5	3.4	5.0#

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



#84

Di-n-octyl phthalate

Concen: 34.59 ng

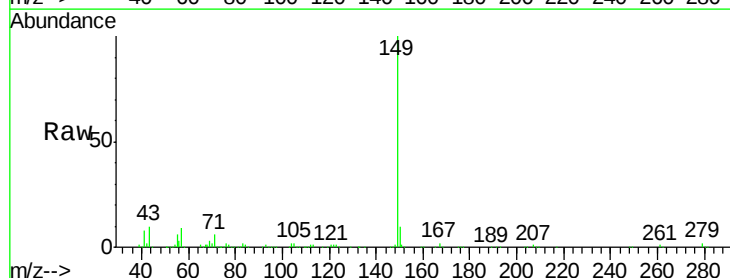
RT: 16.84 min Scan# 1396

Delta R.T. 0.00 min

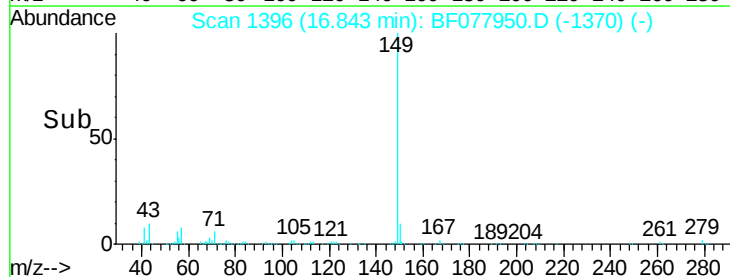
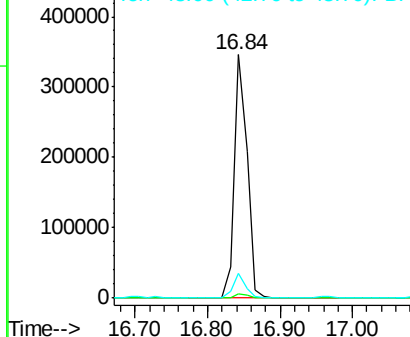
Lab File: BF077950.D

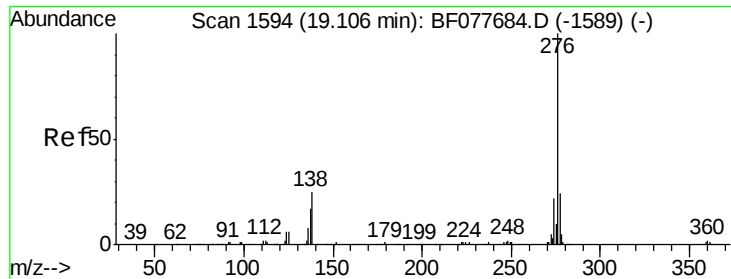
Acq: 25 Mar 2015 11:42

Tgt Ion:	149	Resp:	423657
Ion Ratio	Lower	Upper	
149	100		
167	1.5	1.2	1.8
43	9.2	7.3	10.9



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF0





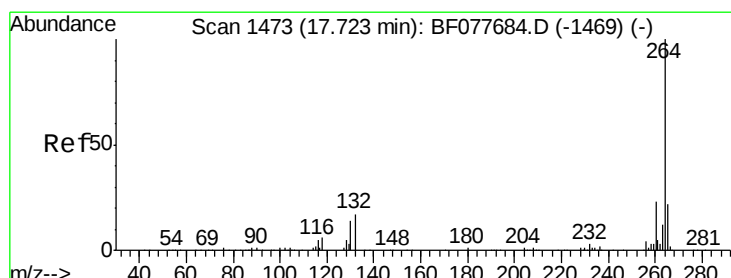
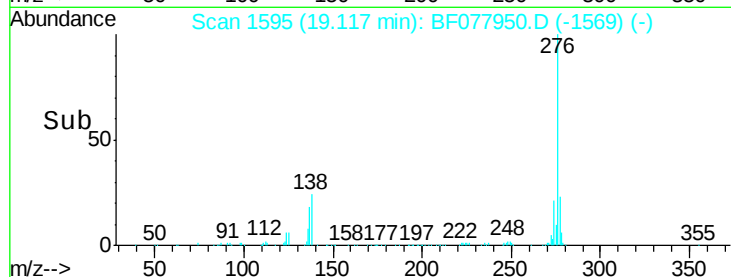
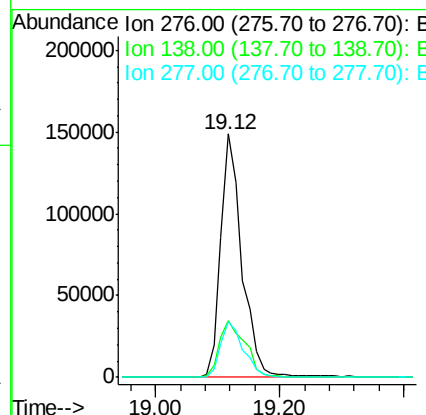
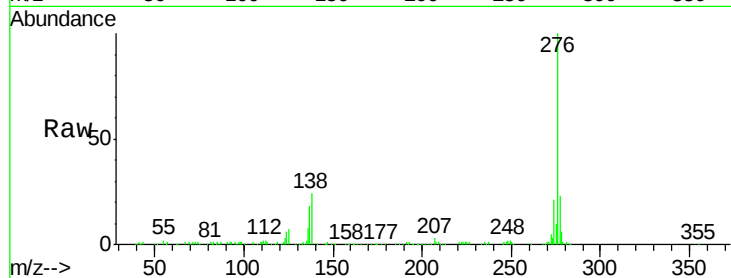
#85
Indeno(1,2,3-cd)pyrene
Concen: 27.60 ng
RT: 19.12 min Scan# 1595
Delta R.T. 0.00 min
Lab File: BF077950.D
Acq: 25 Mar 2015 11:42

Instrument :
BNA_F
ClientSampleId :
SB-14MSD

Tgt Ion	Ratio	Resp Lower	Resp Upper
276	100		
138	28.7	0.0	0.0#
277	24.9	0.0	0.0#

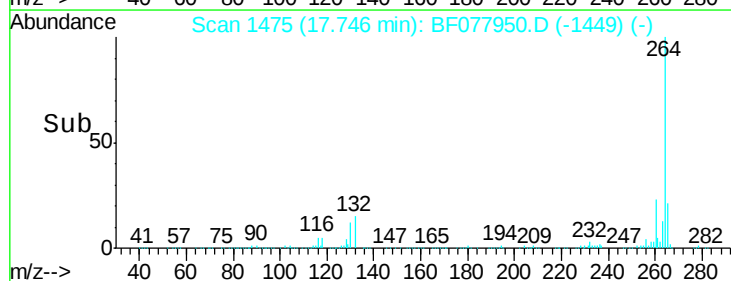
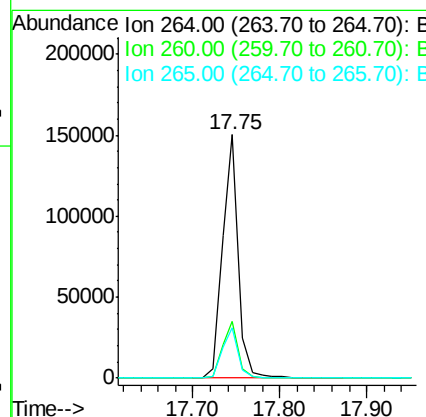
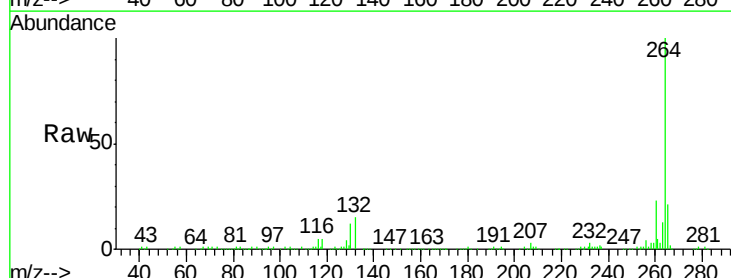
Manual Integrations
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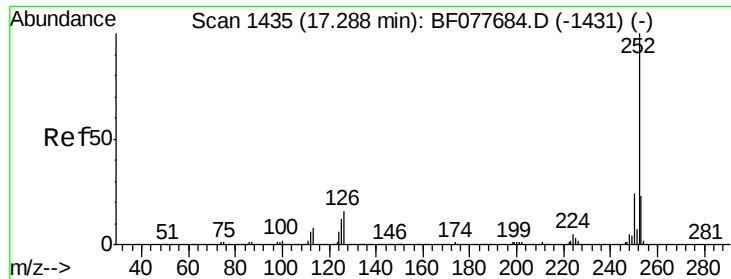
mohammad
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#86
Perylene-d12
Concen: 20.00 ng
RT: 17.75 min Scan# 1475
Delta R.T. 0.00 min
Lab File: BF077950.D
Acq: 25 Mar 2015 11:42

Tgt Ion	Ratio	Resp Lower	Resp Upper
264	100		
260	23.3	18.6	27.8
265	20.8	17.3	25.9





#87

Benzo(b)fluoranthene

Concen: 30.67 ng

RT: 17.29 min Scan# 1435

Delta R.T. 0.00 min

Lab File: BF077950.D

Acq: 25 Mar 2015 11:42

Instrument :

BNA_F

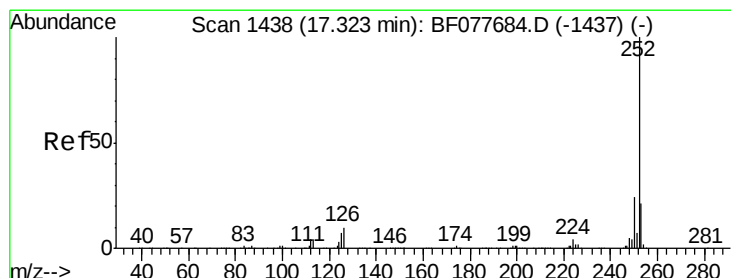
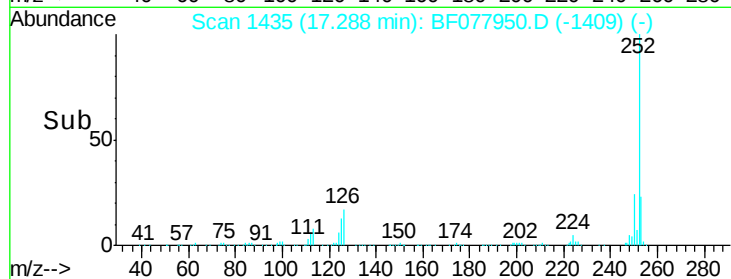
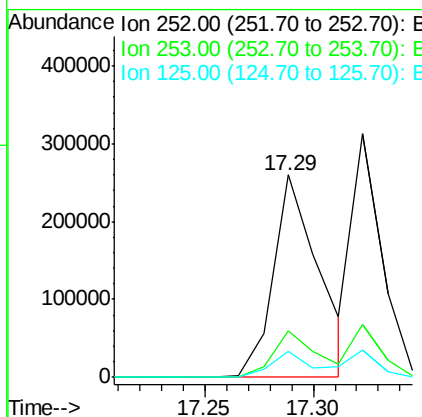
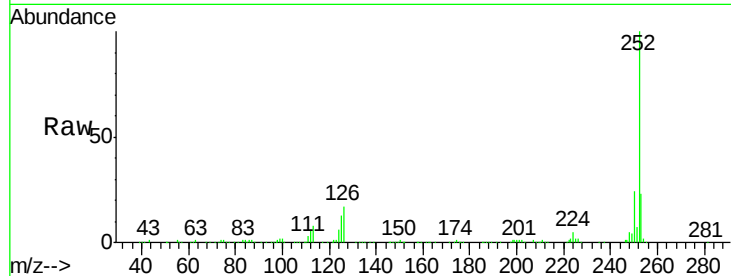
ClientSampleId :

SB-14MSD

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.7	18.0	27.0
125	12.8	9.9	14.9

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#88

Benzo(k)fluoranthene

Concen: 31.12 ng m

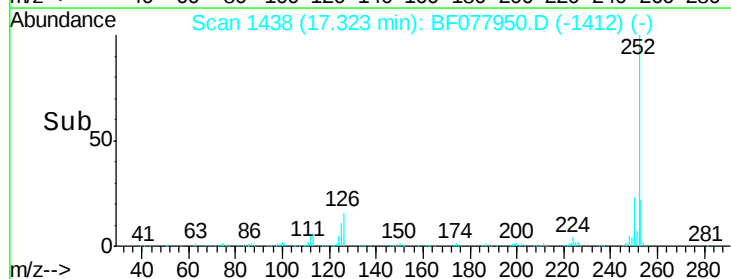
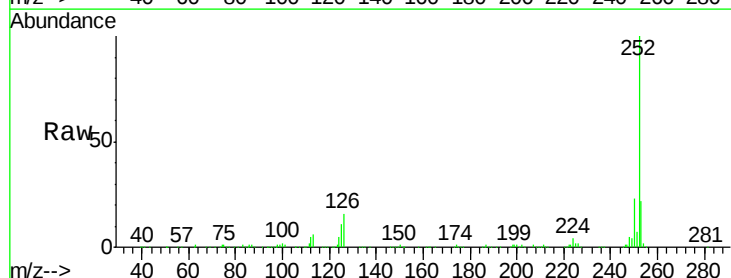
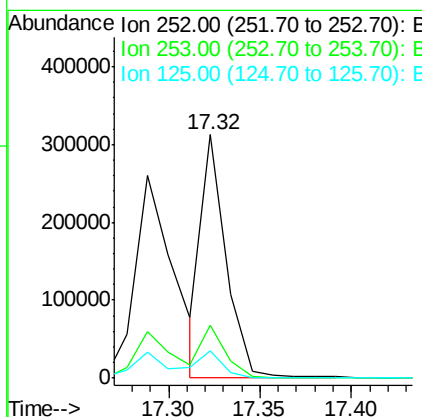
RT: 17.32 min Scan# 1438

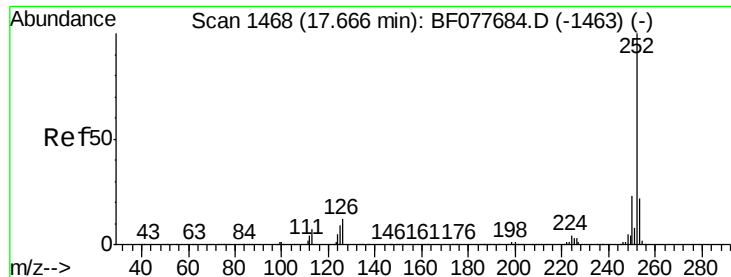
Delta R.T. 0.00 min

Lab File: BF077950.D

Acq: 25 Mar 2015 11:42

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.6	17.2	25.8
125	11.4	8.1	12.1





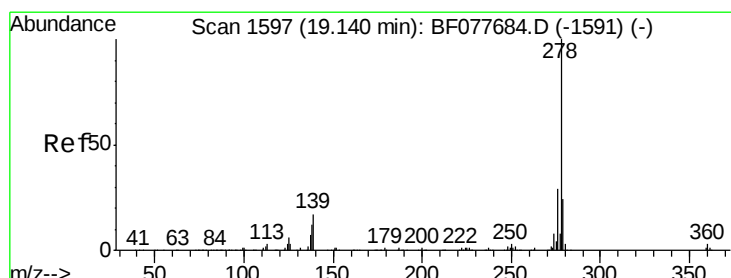
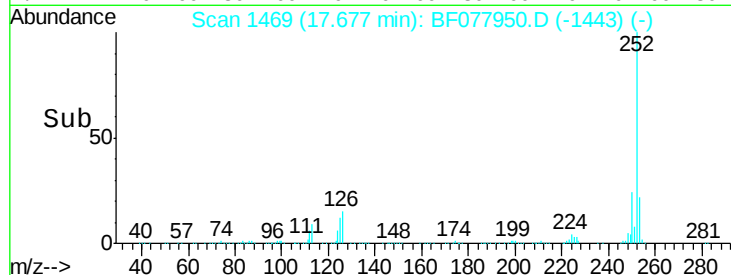
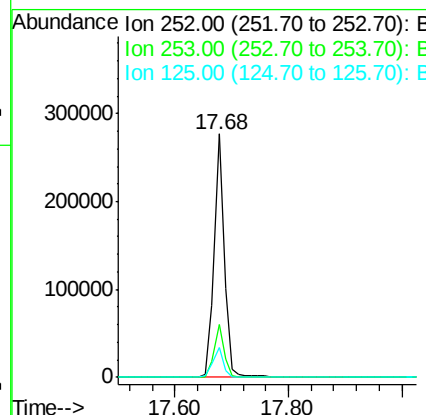
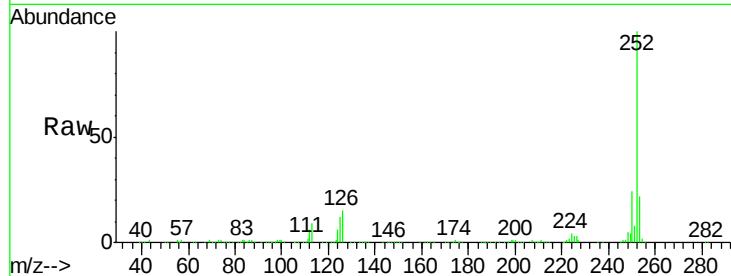
#89
Benzo(a)pyrene
Concen: 32.44 ng
RT: 17.68 min Scan# 1469
Delta R.T. 0.00 min
Lab File: BF077950.D
Acq: 25 Mar 2015 11:42

Instrument :
BNA_F
ClientSampleId :
SB-14MSD

Tgt Ion	Ratio	Resp Lower	Resp Upper
252	100		
253	21.9	17.6	26.4
125	12.2	7.4	11.2

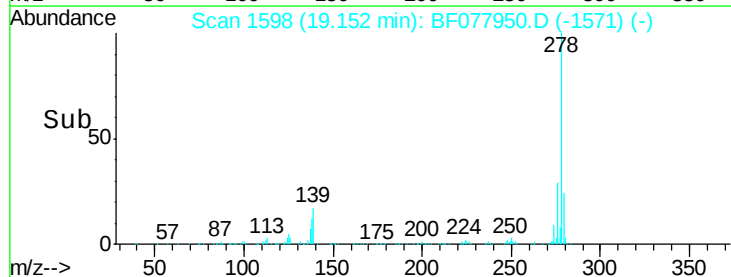
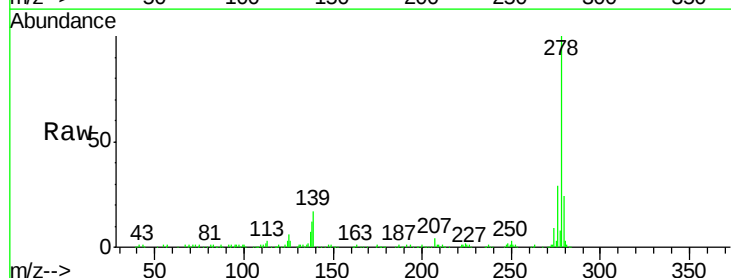
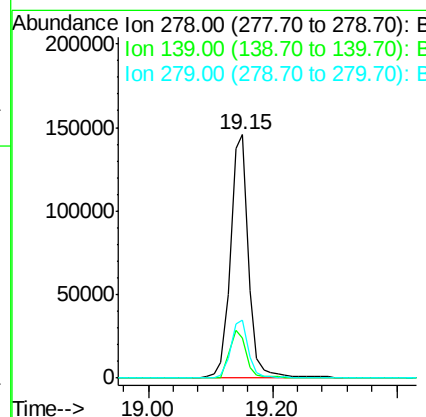
Manual Integrations
APPROVED

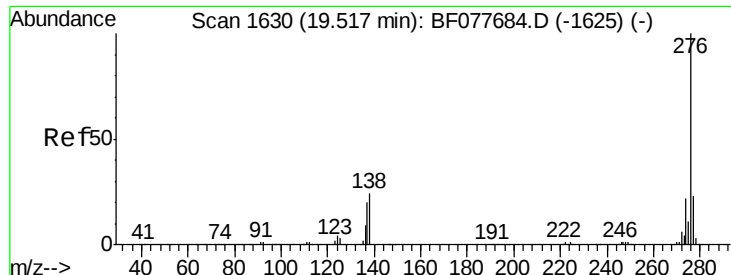
mohammad
3/25/2015 5:01:46 PM



#90
Dibenzo(a,h)anthracene
Concen: 28.73 ng
RT: 19.15 min Scan# 1598
Delta R.T. 0.01 min
Lab File: BF077950.D
Acq: 25 Mar 2015 11:42

Tgt Ion	Ratio	Resp Lower	Resp Upper
278	100		
139	16.5	13.4	20.0
279	23.8	19.0	28.4





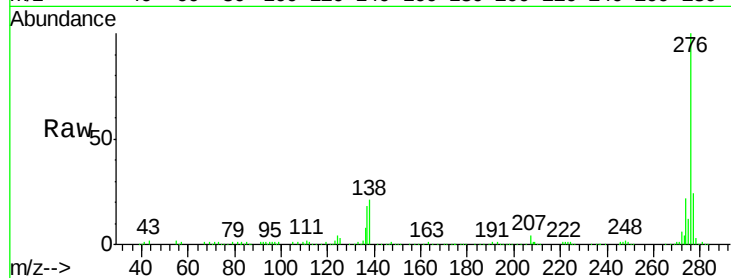
#91
 Benzo(g,h,i)perylene
 Concen: 27.48 ng
 RT: 19.53 min Scan# 1631
 Delta R.T. 0.01 min
 Lab File: BF077950.D
 Acq: 25 Mar 2015 11:42

Instrument :
 BNA_F
 ClientSampleId :
 SB-14MSD

Tgt Ion:	276	Resp:	286822
Ion Ratio	Lower	Upper	
276	100		
277	23.8	18.5	27.7
138	21.2	19.0	28.6

Manual Integrations
 APPROVED

mohammad
 3/25/2015 5:01:46 PM



Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 277.00 (276.70 to 277.70): E
 Ion 138.00 (137.70 to 138.70): E

