

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032415\
 Data File : BF077949.D
 Acq On : 25 Mar 2015 11:14
 Operator : TP/IZ
 Sample : G1613-20MS
 Misc :
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-14MS

Manual Integrations
 APPROVED

mohammad
 3/25/2015 5:01:43 PM

Quant Time: Mar 25 12:12:51 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 11:05:58 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.12	152	45723m	20.00	ng	0.00
21) Naphthalene-d8	8.69	136	186058	20.00	ng	0.00
38) Acenaphthene-d10	10.86	164	93433	20.00	ng	0.00
63) Phenanthrene-d10	12.71	188	184150	20.00	ng	0.01
75) Chrysene-d12	16.00	240	198058	20.00	ng	0.01
86) Perylene-d12	17.76	264	187466	20.00	ng	0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.41	112	247478	94.48	ng	0.01
7) Phenol-d6	6.70	99	327512	101.20	ng	0.01
23) Nitrobenzene-d5	7.81	82	183059	64.49	ng	0.00
41) 2,4,6-Tribromophenol	11.85	330	78365	87.66	ng	0.01
44) 2-Fluorobiphenyl	10.04	172	404919	63.69	ng	0.00
78) Terphenyl-d14	14.69	244	467807	57.70	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.00	88	30910	25.99	ng	# 100
3) Pyridine	2.69	79	53416	16.72	ng	100
4) n-Nitrosodimethylamine	2.61	42	38838	27.91	ng	90
6) Aniline	6.70	93	34233m	7.39	ng	
8) 2-Chlorophenol	6.85	128	93919	30.12	ng	98
9) Benzaldehyde	6.57	77	4635	3.50	ng	92
10) Phenol	6.72	94	121682m	31.81	ng	
11) bis(2-Chloroethyl)ether	6.82	93	86897	30.32	ng	98
12) 1,3-Dichlorobenzene	7.05	146	95484m	27.53	ng	
13) 1,4-Dichlorobenzene	7.14	146	99107	27.50	ng	94
14) 1,2-Dichlorobenzene	7.32	146	94733	28.68	ng	96
15) Benzyl Alcohol	7.31	79	73664	29.16	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.49	45	113753	29.46	ng	96
17) 2-Methylphenol	7.47	107	72552	28.58	ng	98
18) Hexachloroethane	7.74	117	27849m	23.57	ng	
19) n-Nitroso-di-n-propylamine	7.64	70	66681	29.78	ng	99
20) 3+4-Methylphenols	7.66	107	100923	30.30	ng	97
22) Acetophenone	7.63	105	130146	31.60	ng	# 97
24) Nitrobenzene	7.84	77	93593	30.61	ng	97
25) Isophorone	8.14	82	166783	29.10	ng	98
26) 2-Nitrophenol	8.24	139	32455	21.68	ng	98
27) 2,4-Dimethylphenol	8.30	122	80147	29.39	ng	95
28) bis(2-Chloroethoxy)methane	8.42	93	105338	30.28	ng	100
29) 2,4-Dichlorophenol	8.53	162	79794	30.69	ng	96
30) 1,2,4-Trichlorobenzene	8.64	180	82467	28.35	ng	99
31) Naphthalene	8.73	128	273116	28.58	ng	99
32) Benzoic acid	8.41	122	40458	27.97	ng	98
33) 4-Chloroaniline	8.81	127	42111	10.86	ng	97
34) Hexachlorobutadiene	8.88	225	45633	27.68	ng	98
35) Caprolactam	9.23	113	22593	29.74	ng	97
36) 4-Chloro-3-methylphenol	9.42	107	81185	31.04	ng	93
37) 2-Methylnaphthalene	9.58	142	193653	30.17	ng	98
39) 1,2,4,5-Tetrachlorobenzene	9.79	216	81904	29.39	ng	# 100
40) Hexachlorocyclopentadiene	9.77	237	14927	13.44	ng	93

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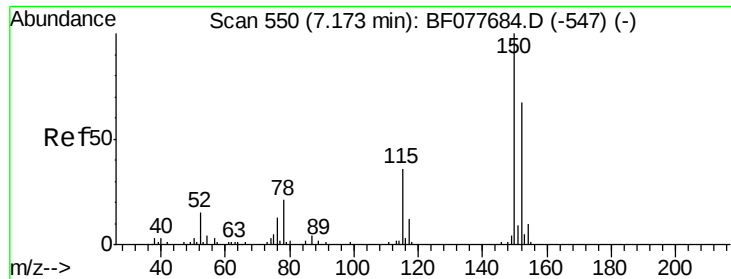
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.94	196	56207	29.12	ng	99
43) 2,4,5-Trichlorophenol	10.00	196	57874	27.75	ng	99
45) 1,1'-Biphenyl	10.17	154	231780	31.03	ng	98
46) 2-Chloronaphthalene	10.18	162	174250	28.71	ng	# 90
47) 2-Nitroaniline	10.32	65	50270	33.35	ng	# 82
48) Acenaphthylene	10.69	152	286043	28.34	ng	100
49) Dimethylphthalate	10.56	163	216887	31.30	ng	100
50) 2,6-Dinitrotoluene	10.62	165	39704	27.64	ng	89
51) Acenaphthene	10.91	154	165811	28.65	ng	100
52) 3-Nitroaniline	10.83	138	48064	28.81	ng	89
53) 2,4-Dinitrophenol	10.97	184	932	9.65	ng	# 84
54) Dibenzofuran	11.13	168	252605	29.43	ng	99
55) 4-Nitrophenol	11.06	139	65009	52.61	ng	# 70
56) 2,4-Dinitrotoluene	11.13	165	50728	27.08	ng	# 74
57) Fluorene	11.55	166	206907	29.03	ng	99
58) 2,3,4,6-Tetrachlorophenol	11.28	232	47640	29.67	ng	# 100
59) Diethylphthalate	11.44	149	204206	30.24	ng	99
60) 4-Chlorophenyl-phenylether	11.56	204	91821	28.23	ng	92
61) 4-Nitroaniline	11.58	138	50969	30.66	ng	87
62) Azobenzene	11.76	77	194771	30.18	ng	96
64) 4,6-Dinitro-2-methylphenol	11.63	198	1153	5.50	ng	89
65) n-Nitrosodiphenylamine	11.71	169	177940	29.02	ng	99
66) 4-Bromophenyl-phenylether	12.16	248	56236	28.62	ng	# 77
67) Hexachlorobenzene	12.23	284	57930	26.83	ng	96
68) Atrazine	12.39	200	57474	33.45	ng	96
69) Pentachlorophenol	12.48	266	59374	53.56	ng	97
70) Phenanthrene	12.74	178	307123	29.05	ng	98
71) Anthracene	12.80	178	301508	28.87	ng	99
72) Carbazole	13.01	167	288697	29.06	ng	97
73) Di-n-butylphthalate	13.46	149	350422	31.46	ng	99
74) Fluoranthene	14.20	202	330096	28.31	ng	94
76) Benzidine	14.40	184	277629	56.88	ng	99
77) Pyrene	14.49	202	353501	28.38	ng	100
79) Butylbenzylphthalate	15.32	149	156131	31.80	ng	96
80) Benzo(a)anthracene	15.97	228	336861	28.69	ng	100
81) 3,3'-Dichlorobenzidine	15.96	252	121542	31.38	ng	97
82) Chrysene	16.02	228	316474	29.98	ng	99
83) Bis(2-ethylhexyl)phthalate	16.04	149	241712	32.50	ng	# 96
84) Di-n-octyl phthalate	16.85	149	414405	32.58	ng	99
85) Indeno(1,2,3-cd)pyrene	19.14	276	333957	25.35	ng	# 100
87) Benzo(b)fluoranthene	17.30	252	375440	30.68	ng	98
88) Benzo(k)fluoranthene	17.33	252	275455	28.82	ng	98
89) Benzo(a)pyrene	17.69	252	324739	31.80	ng	# 96
90) Dibenzo(a,h)anthracene	19.16	278	282566	27.90	ng	97
91) Benzo(g,h,i)perylene	19.54	276	276938	26.86	ng	98

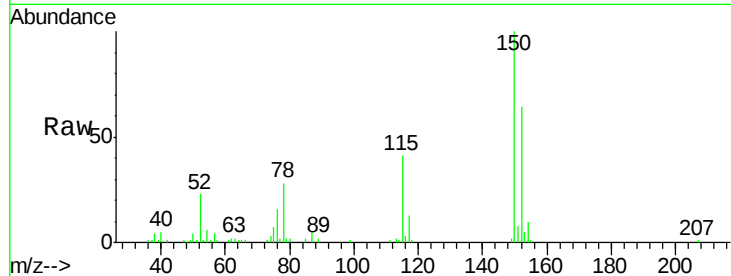
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng m
RT: 7.12 min Scan# 545
Delta R.T. -0.00 min
Lab File: BF077949.D
Acq: 25 Mar 2015 11:14

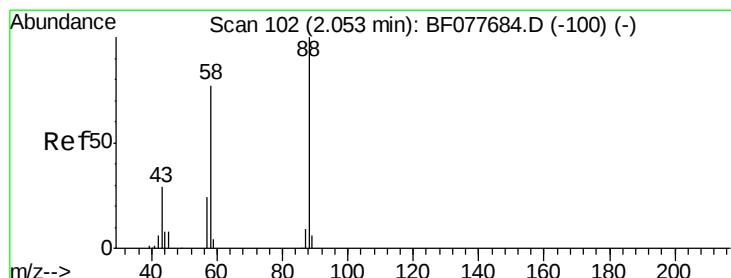
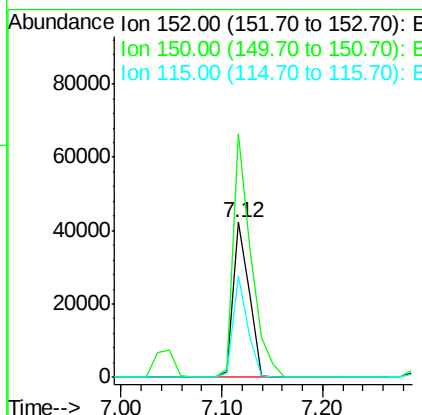
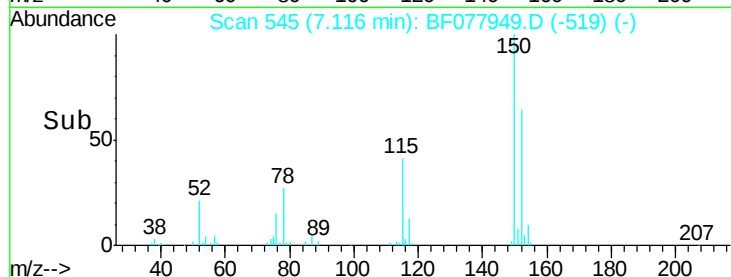
Instrument :
BNA_F
ClientSampleId :
SB-14MS



Tgt Ion	Ratio	Lower	Upper
152	100		
150	157.0	119.5	179.3
115	65.1	43.0	64.4#

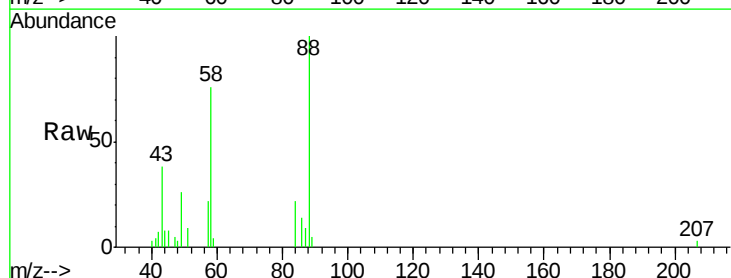
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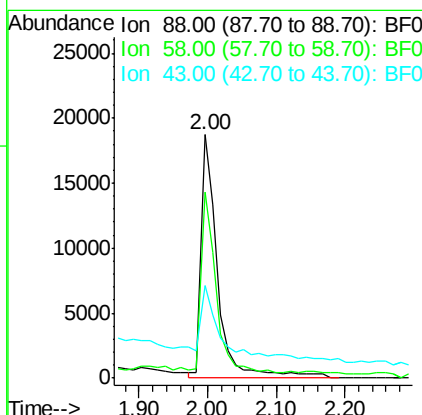
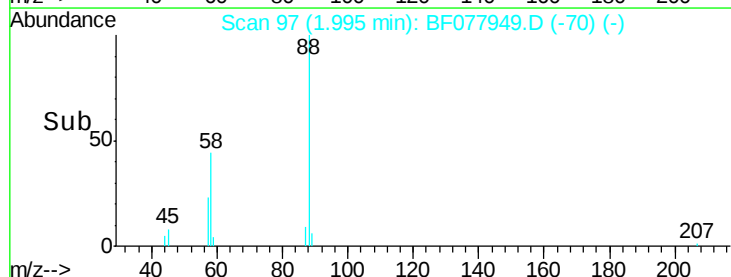


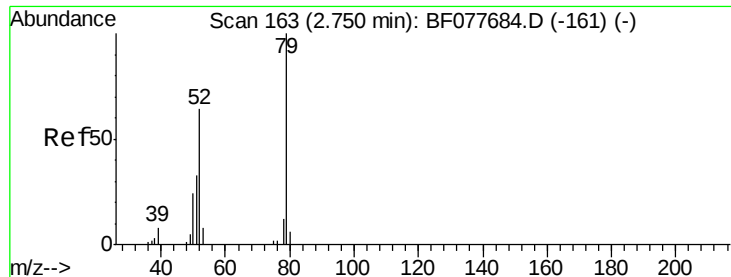
#2

1,4-Dioxane
Concen: 25.99 ng
RT: 2.00 min Scan# 97
Delta R.T. 0.01 min
Lab File: BF077949.D
Acq: 25 Mar 2015 11:14



Tgt Ion	Ratio	Lower	Upper
88	100		
58	63.9	0.0	0.0#
43	46.4	0.0	0.0#





#3

Pyridine

Concen: 16.72 ng

RT: 2.69 min Scan# 158

Delta R.T. 0.05 min

Lab File: BF077949.D

Acq: 25 Mar 2015 11:14

Instrument :

BNA_F

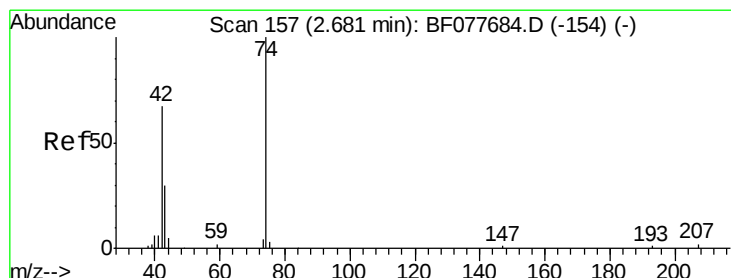
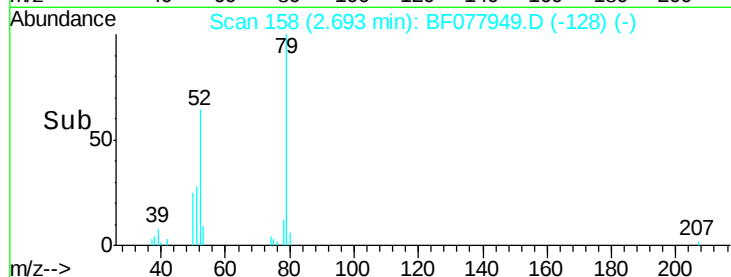
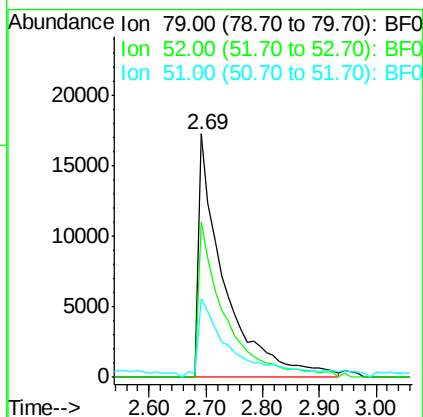
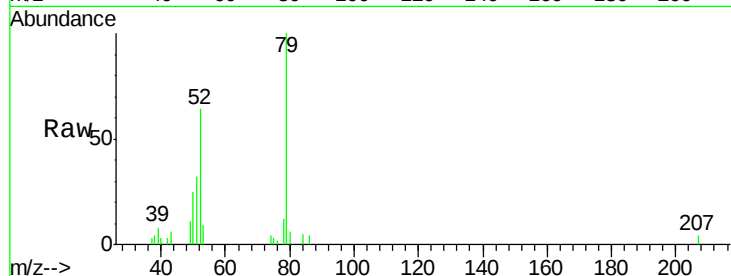
ClientSampleId :

SB-14MS

Tgt Ion:	79	Resp:	53416
Ion	Ratio	Lower	Upper
79	100		
52	63.8	51.1	76.7
51	32.2	26.1	39.1

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#4

n-Nitrosodimethylamine

Concen: 27.91 ng

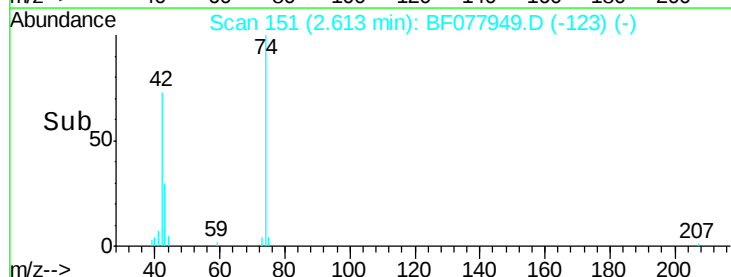
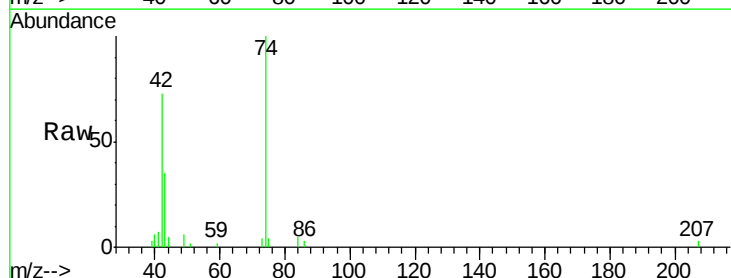
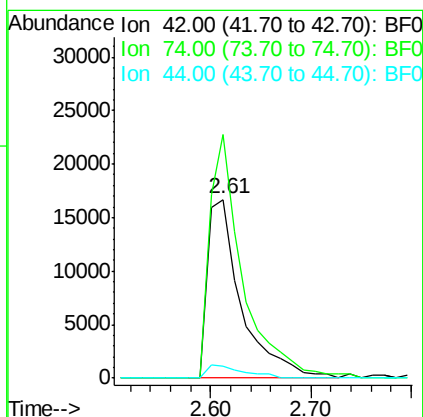
RT: 2.61 min Scan# 151

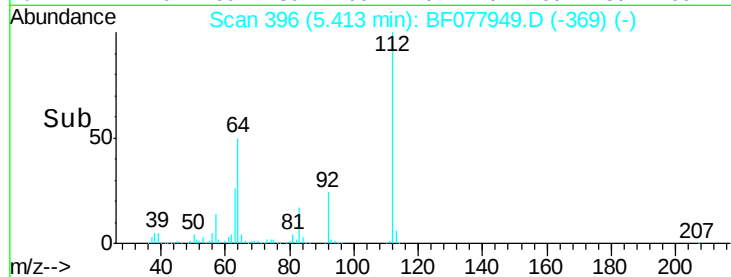
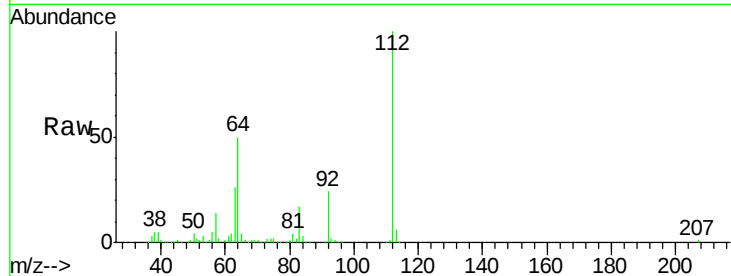
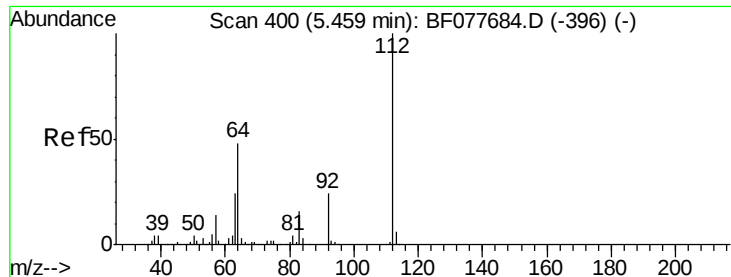
Delta R.T. 0.02 min

Lab File: BF077949.D

Acq: 25 Mar 2015 11:14

Tgt Ion:	42	Resp:	38838
Ion	Ratio	Lower	Upper
42	100		
74	136.5	119.3	178.9
44	6.8	5.4	8.2





#5

2-Fluorophenol

Concen: 94.48 ng

RT: 5.41 min Scan# 396

Delta R.T. 0.01 min

Lab File: BF077949.D

Acq: 25 Mar 2015 11:14

Instrument :

BNA_F

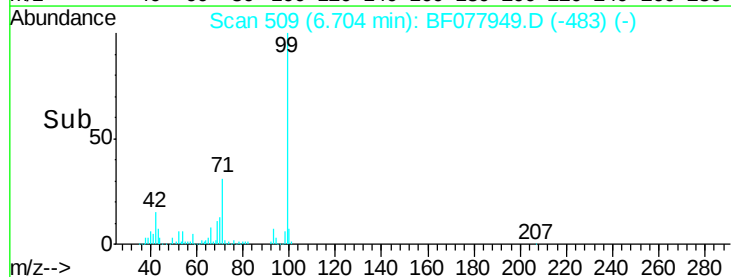
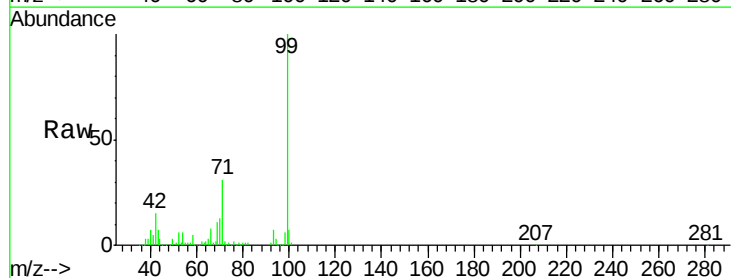
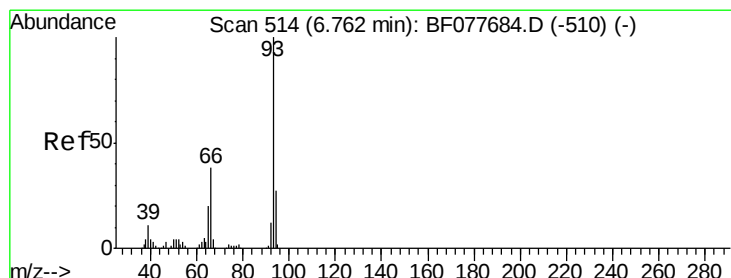
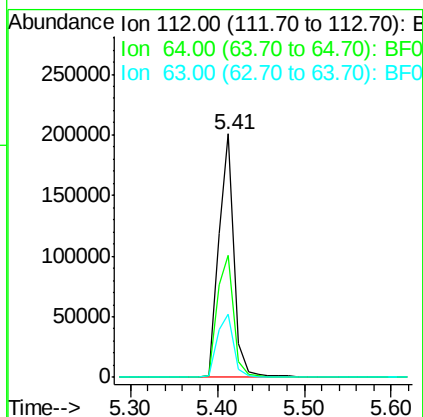
ClientSampleId :

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Tgt Ion	Ratio	Resp	Lower	Upper
112	100	247478		
64	50.3	38.6	57.8	
63	25.7	19.3	28.9	



#6

Aniline

Concen: 7.39 ng m

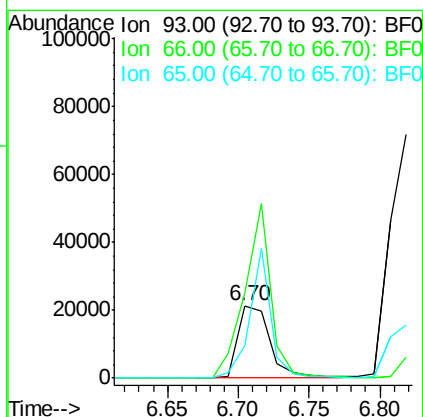
RT: 6.70 min Scan# 509

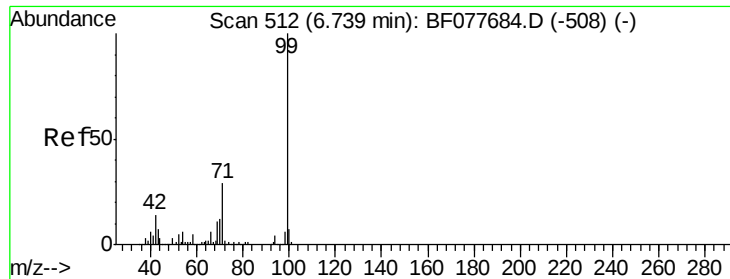
Delta R.T. -0.00 min

Lab File: BF077949.D

Acq: 25 Mar 2015 11:14

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	34233		
66	117.4	30.8	46.2#	
65	44.1	16.0	24.0#	





#7

Phenol-d6

Concen: 101.20 ng

RT: 6.70 min Scan# 509

Delta R.T. 0.01 min

Lab File: BF077949.D

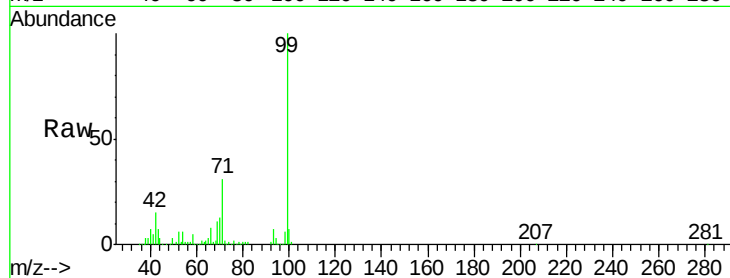
Acq: 25 Mar 2015 11:14

Instrument :

BNA_F

ClientSampleId :

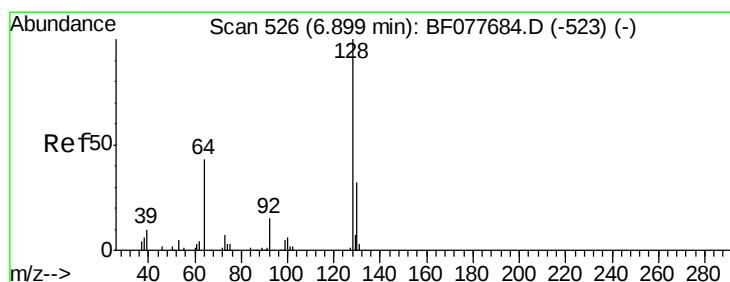
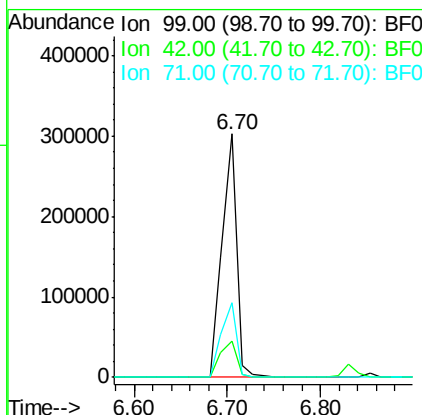
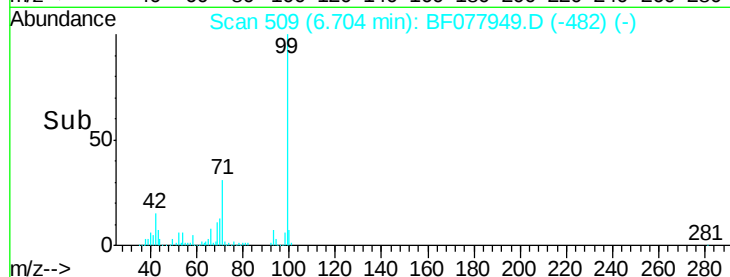
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Tgt Ion	Ratio	Resp	Lower	Upper
99	100	327512		
42	14.9	11.0	16.4	
71	30.7	23.4	35.2	

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#8

2-Chlorophenol

Concen: 30.12 ng

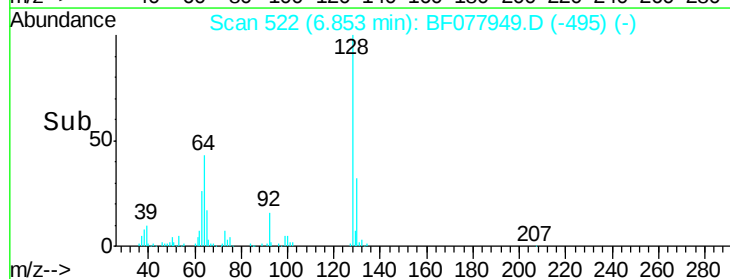
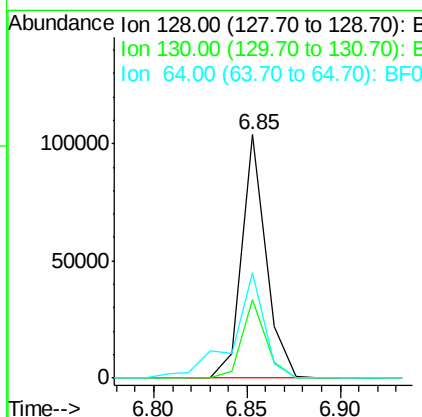
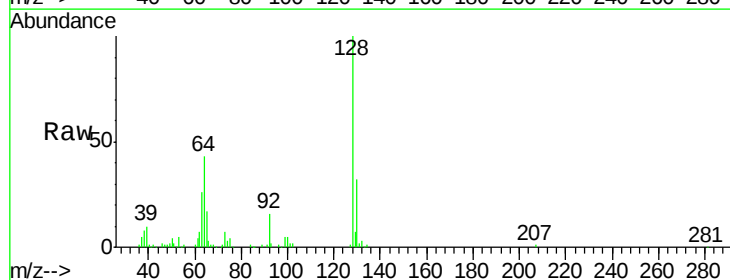
RT: 6.85 min Scan# 522

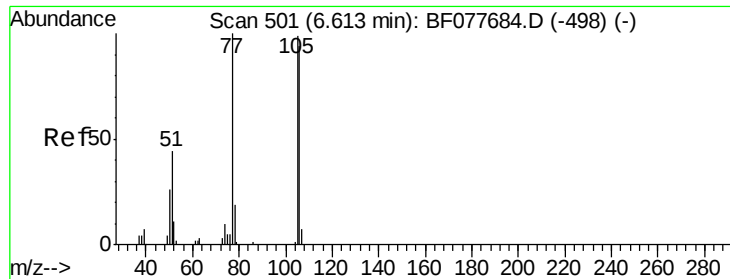
Delta R.T. 0.01 min

Lab File: BF077949.D

Acq: 25 Mar 2015 11:14

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	93919		
130	32.4	12.0	52.0	
64	43.2	24.9	64.9	





#9

Benzaldehyde

Concen: 3.50 ng

RT: 6.57 min Scan# 497

Delta R.T. 0.01 min

Lab File: BF077949.D

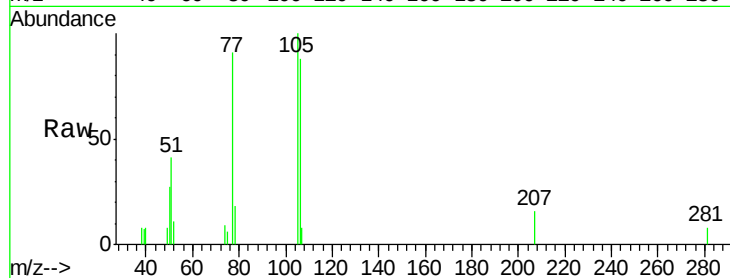
Acq: 25 Mar 2015 11:14

Instrument :

BNA_F

ClientSampleId :

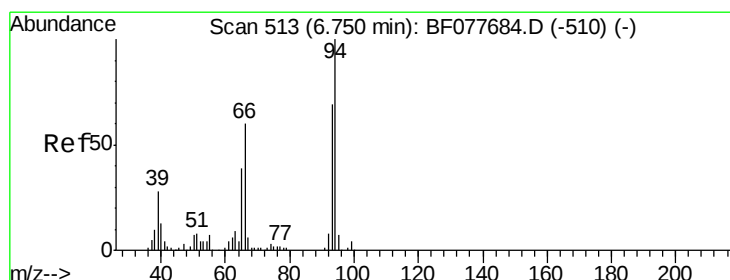
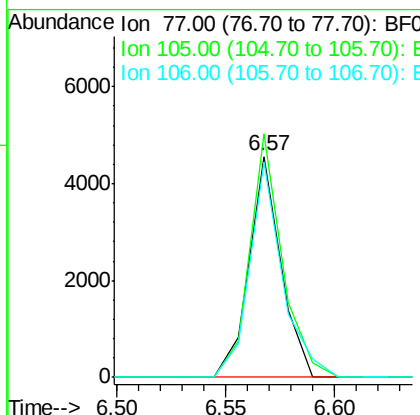
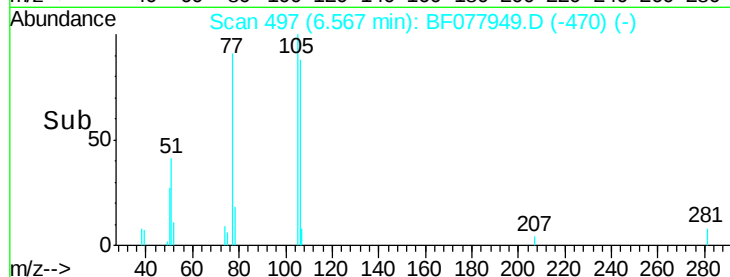
SB-14MS



Tgt Ion:	77	Resp:	4635
Ion	Ratio	Lower	Upper
77	100		
105	110.2	78.8	118.8
106	97.4	73.7	113.7

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#10

Phenol

Concen: 31.81 ng m

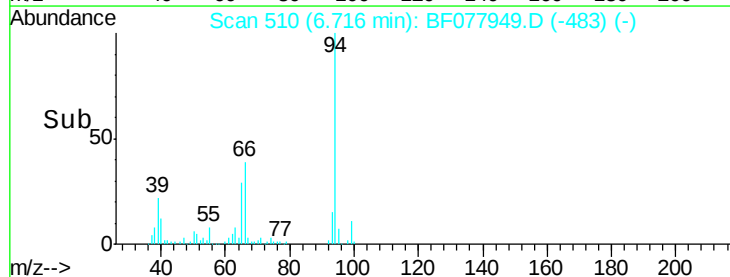
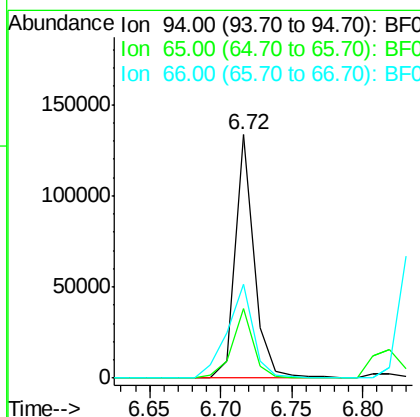
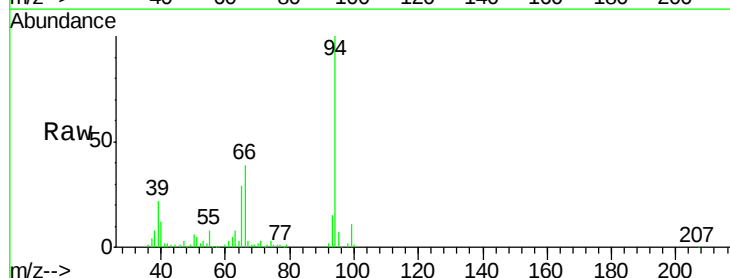
RT: 6.72 min Scan# 510

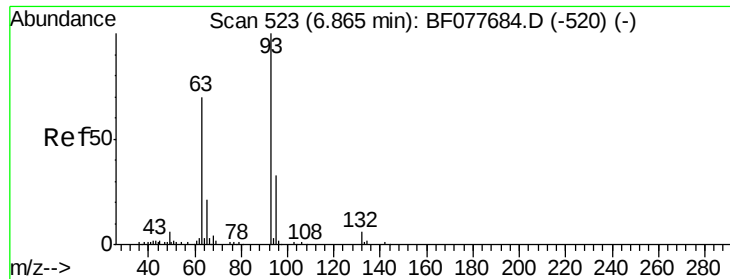
Delta R.T. 0.01 min

Lab File: BF077949.D

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Tgt Ion:	94	Resp:	121682
Ion	Ratio	Lower	Upper
94	100		
65	28.5	18.8	58.8
66	38.5	39.9	79.9#





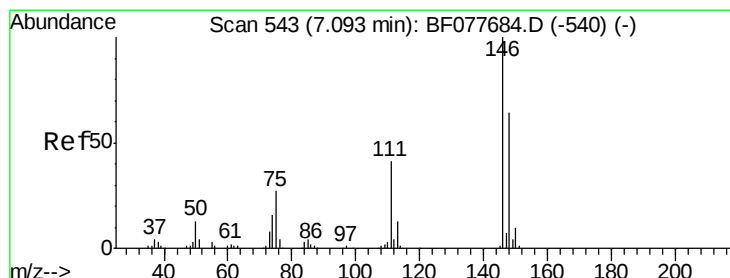
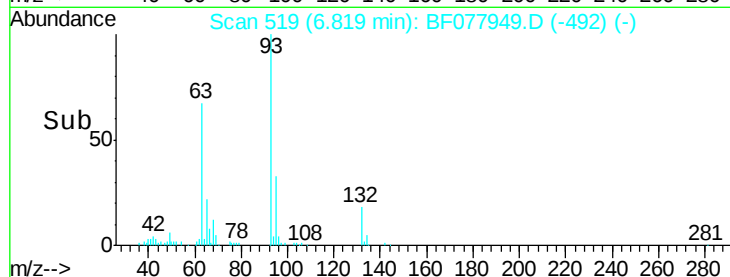
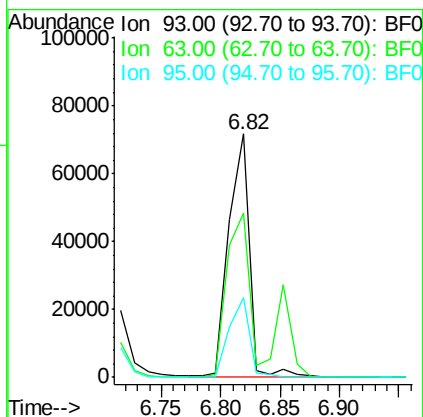
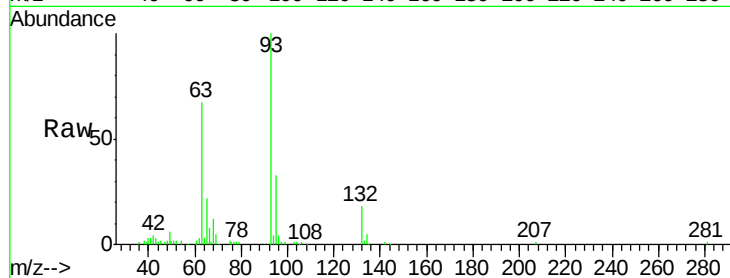
#11
bis(2-Chloroethyl)ether
Concen: 30.32 ng
RT: 6.82 min Scan# 519
Delta R.T. 0.01 min
Lab File: BF077949.D
Acq: 25 Mar 2015 11:14

Instrument :
BNA_F
ClientSampleId :
SB-14MS

Tgt Ion	Ratio	Lower	Upper
93	100		
63	67.4	49.5	89.5
95	32.7	13.5	53.5

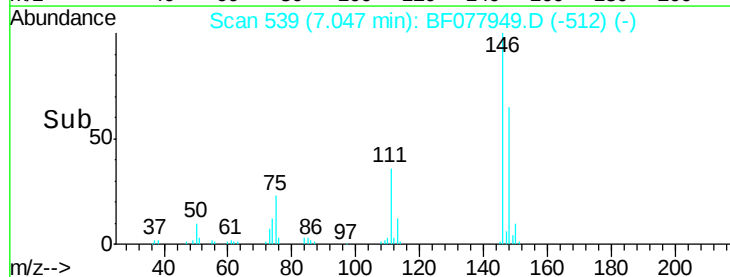
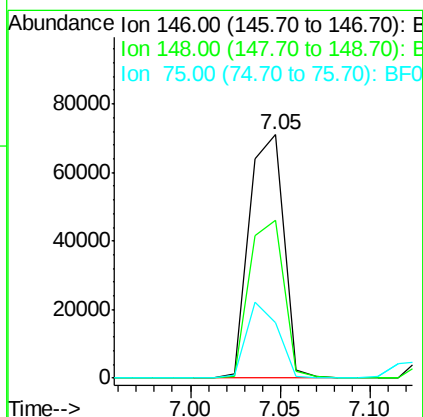
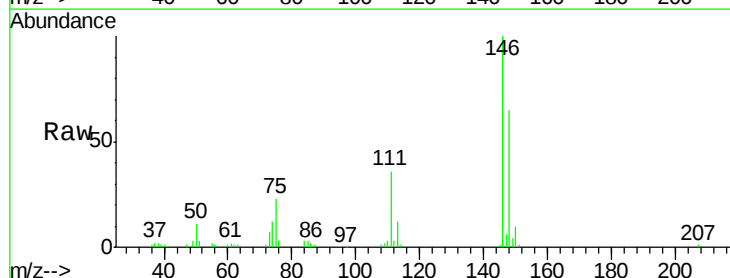
Manual Integrations
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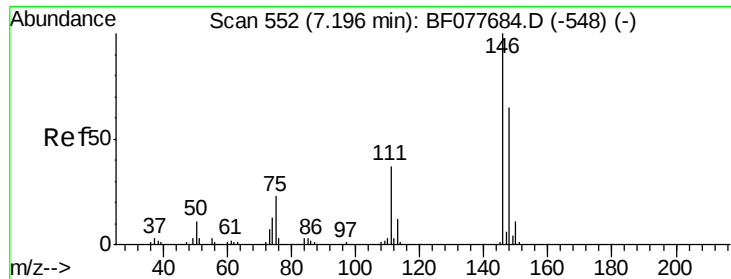
mohammad
3/25/2015 5:01:43 PM



#12
1,3-Dichlorobenzene
Concen: 27.53 ng m
RT: 7.05 min Scan# 539
Delta R.T. 0.01 min
Lab File: BF077949.D
Acq: 25 Mar 2015 11:14

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.7	50.9	76.3
75	22.8	21.4	32.2





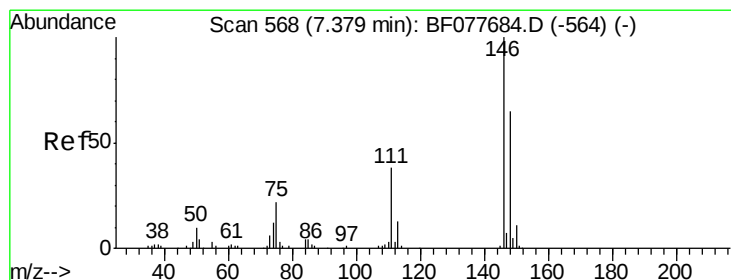
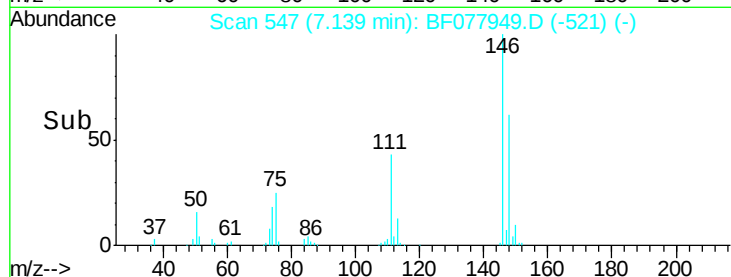
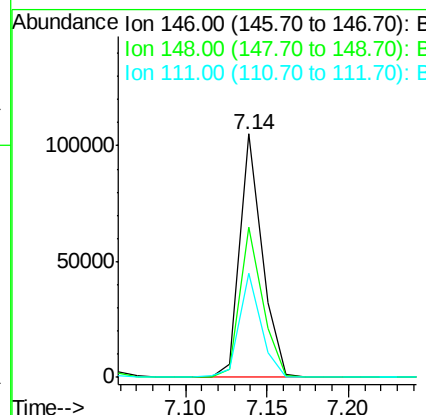
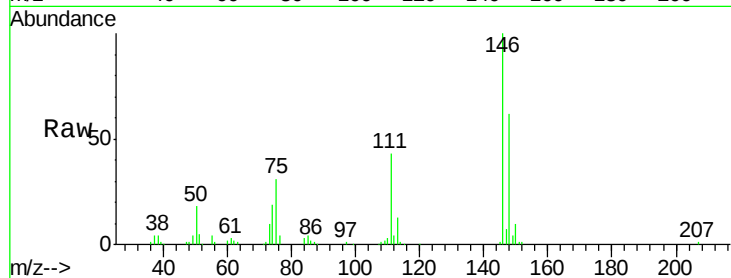
#13
 1,4-Dichlorobenzene
 Concen: 27.50 ng
 RT: 7.14 min Scan# 547
 Delta R.T. -0.00 min
 Lab File: BF077949.D
 Acq: 25 Mar 2015 11:14

Instrument :
 BNA_F
 ClientSampleId :
 SB-14MS

Tgt Ion	Ratio	Lower	Upper
146	100		
148	61.9	51.9	77.9
111	42.6	29.2	43.8

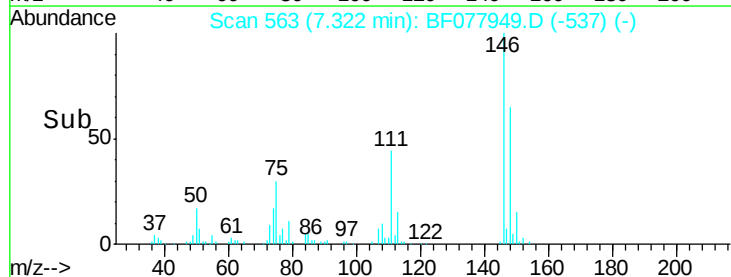
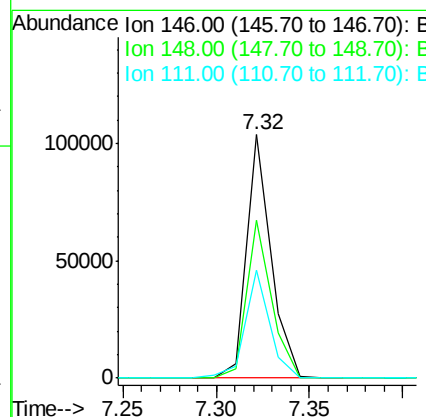
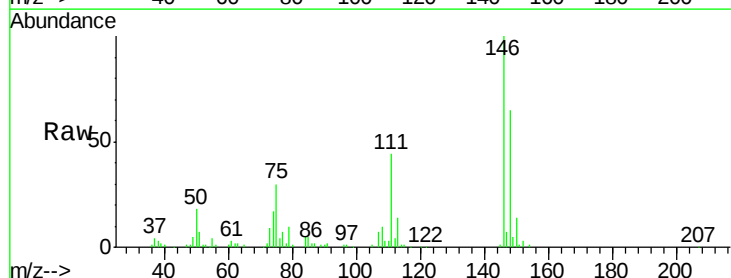
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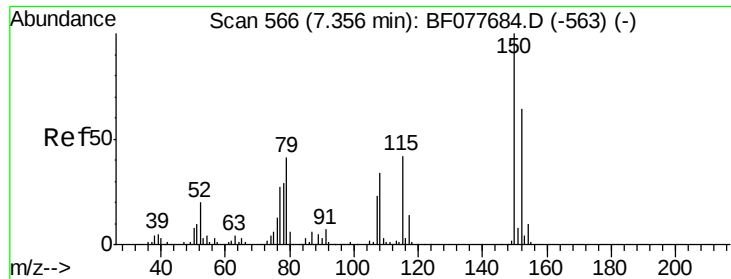
mohammad
 3/25/2015 5:01:43 PM



#14
 1,2-Dichlorobenzene
 Concen: 28.68 ng
 RT: 7.32 min Scan# 563
 Delta R.T. -0.00 min
 Lab File: BF077949.D
 Acq: 25 Mar 2015 11:14

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.9	52.3	78.5
111	44.2	30.6	45.8





#15

Benzyl Alcohol

Concen: 29.16 ng

RT: 7.31 min Scan# 562

Delta R.T. -0.00 min

Lab File: BF077949.D

Acq: 25 Mar 2015 11:14

Instrument :

BNA_F

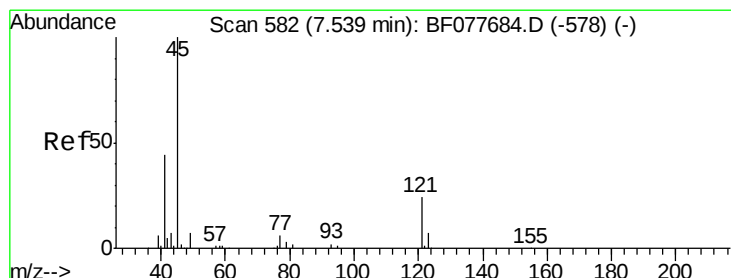
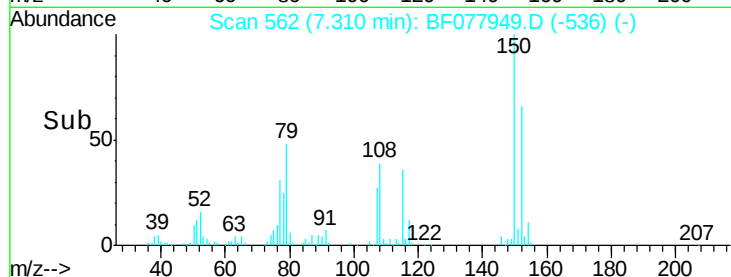
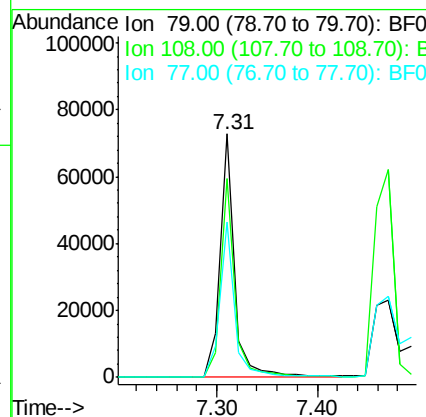
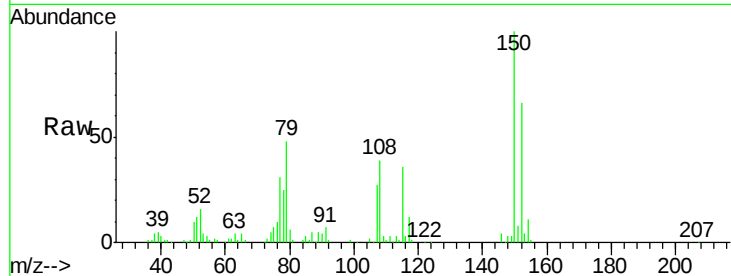
ClientSampled :

SB-14MS

Tgt Ion:	79	Resp:	73664
Ion	Ratio	Lower	Upper
79	100		
108	81.9	65.0	97.4
77	63.7	53.0	79.6

Manual Integrations
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#16

2,2'-oxybis(1-Chloropropane)

Concen: 29.46 ng

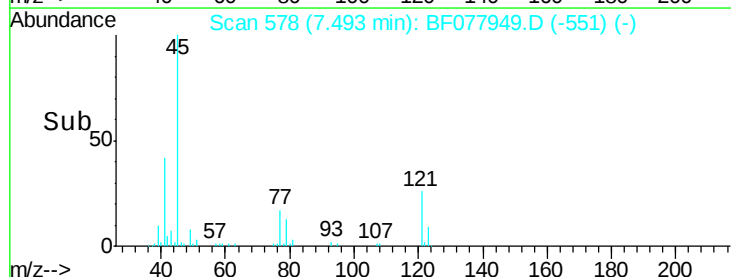
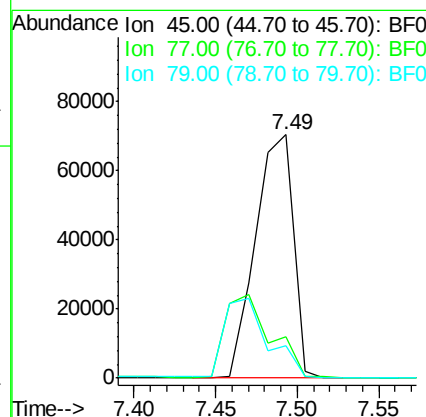
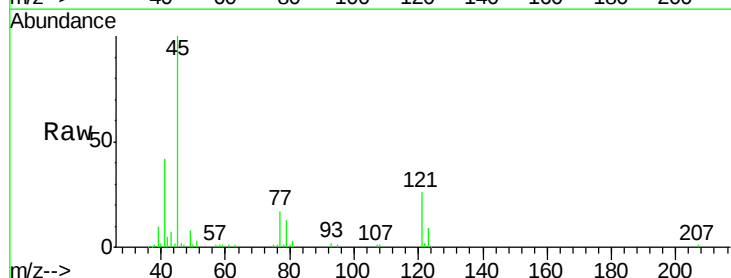
RT: 7.49 min Scan# 578

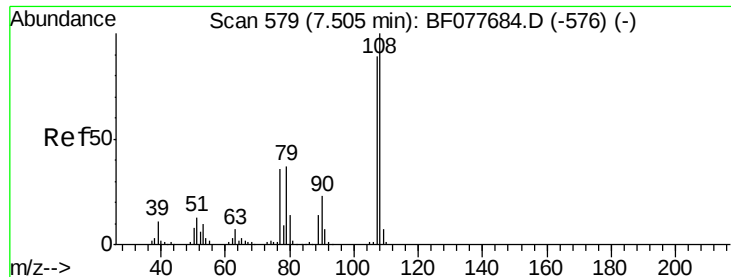
Delta R.T. 0.01 min

Lab File: BF077949.D

Acq: 25 Mar 2015 11:14

Tgt Ion:	45	Resp:	113753
Ion	Ratio	Lower	Upper
45	100		
77	16.9	0.0	35.2
79	13.2	0.0	32.0





#17

2-Methylphenol

Concen: 28.58 ng

RT: 7.47 min Scan# 576

Delta R.T. 0.01 min

Lab File: BF077949.D

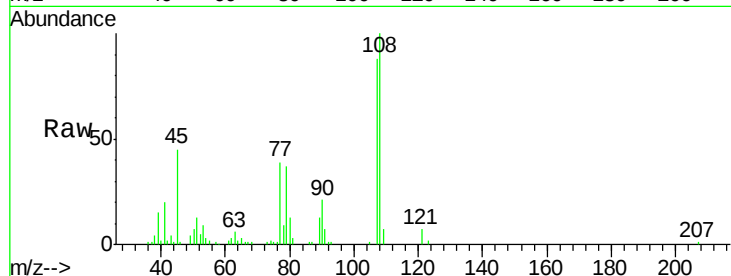
Acq: 25 Mar 2015 11:14

Instrument :

BNA_F

ClientSampleId :

SB-14MS



Tgt Ion:107 Resp: 72552

Ion Ratio Lower Upper

107 100

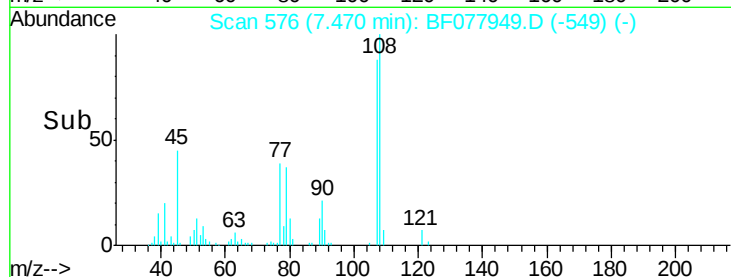
108 113.6 89.8 134.8

77 44.5 32.6 48.8

79 42.0 32.8 49.2

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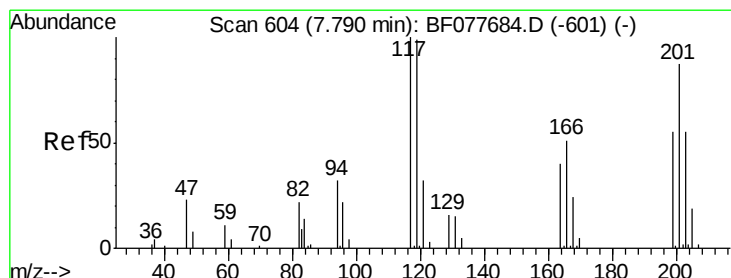
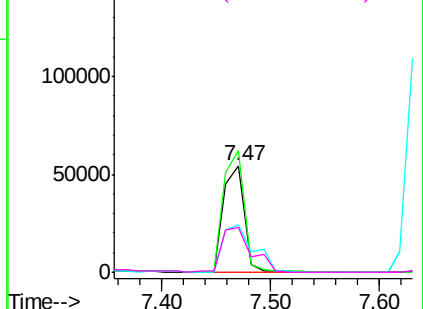


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#18

Hexachloroethane

Concen: 23.57 ng m

RT: 7.74 min Scan# 600

Delta R.T. 0.01 min

Lab File: BF077949.D

Acq: 25 Mar 2015 11:14

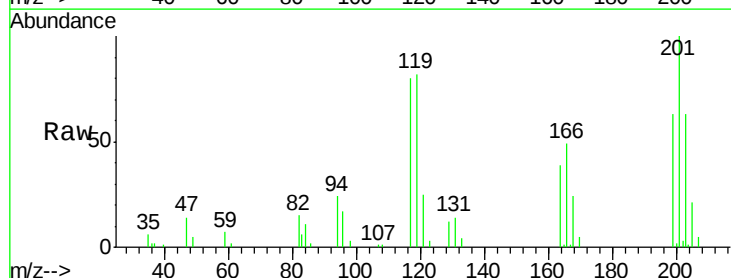
Tgt Ion:117 Resp: 27849

Ion Ratio Lower Upper

117 100

119 102.1 79.2 118.8

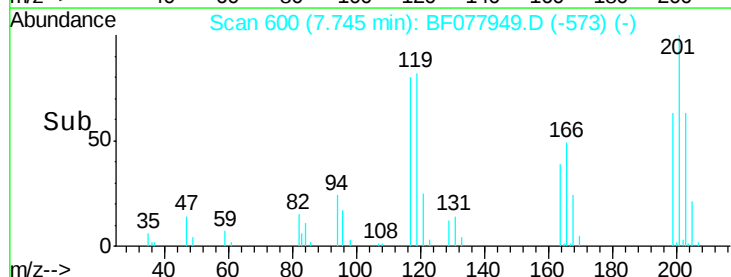
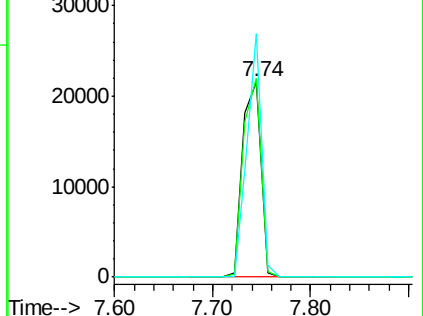
201 124.8 69.8 104.6#

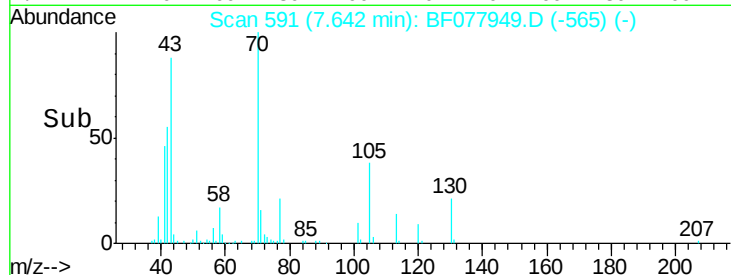
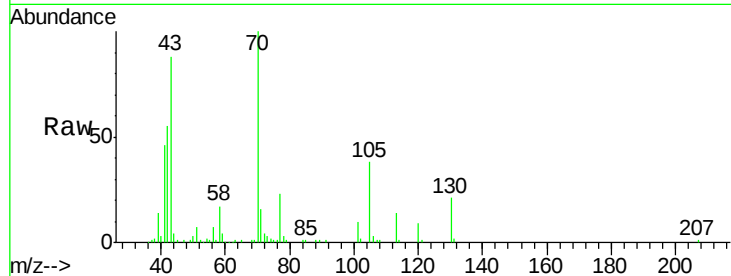
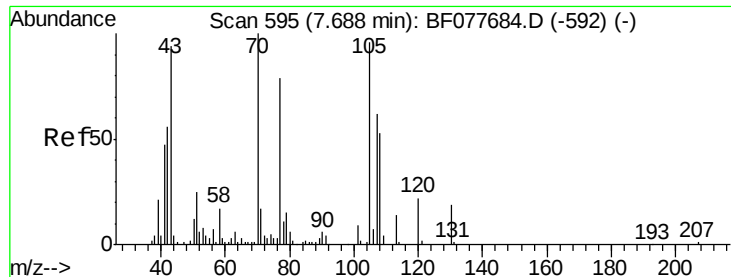


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





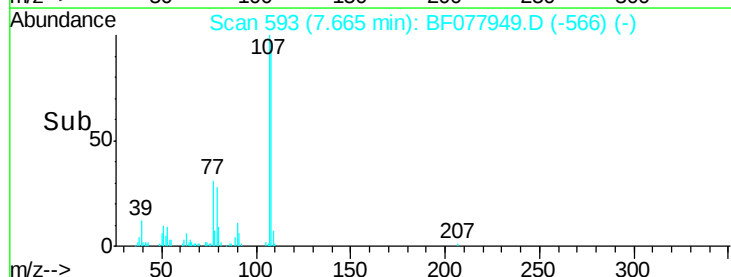
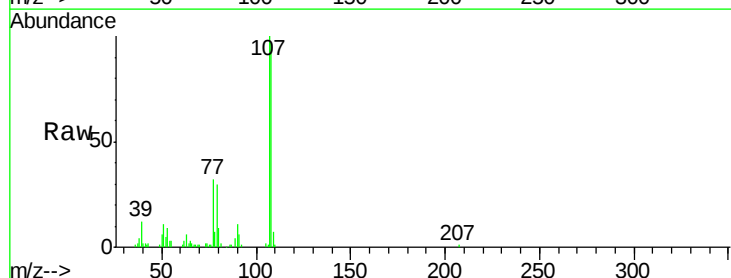
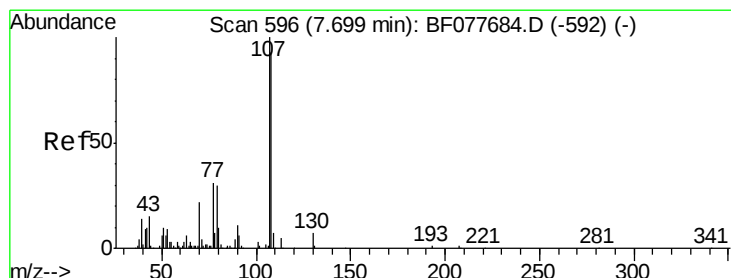
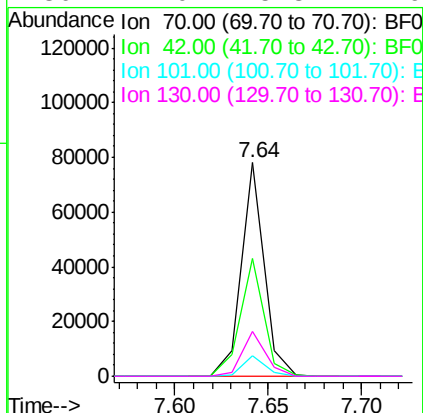
#19
n-Nitroso-di-n-propylamine
Concen: 29.78 ng
RT: 7.64 min Scan# 591
Delta R.T. -0.00 min
Lab File: BF077949.D
Acq: 25 Mar 2015 11:14

Instrument :
BNA_F
ClientSampleId :
SB-14MS

Manual Integrations
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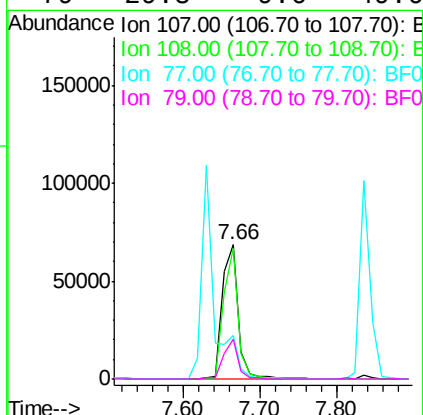
mohammad
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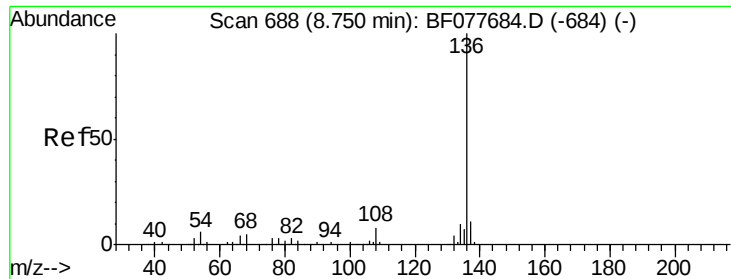
Tgt Ion	Ratio	Lower	Upper
70	100		
42	55.2	44.5	66.7
101	9.5	7.4	11.2
130	21.0	15.3	22.9



#20
3+4-Methylphenols
Concen: 30.30 ng
RT: 7.66 min Scan# 593
Delta R.T. 0.01 min
Lab File: BF077949.D
Acq: 25 Mar 2015 11:14

Tgt Ion	Ratio	Lower	Upper
107	100		
108	97.1	73.2	113.2
77	32.1	10.7	50.7
79	29.8	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: BF077949.D

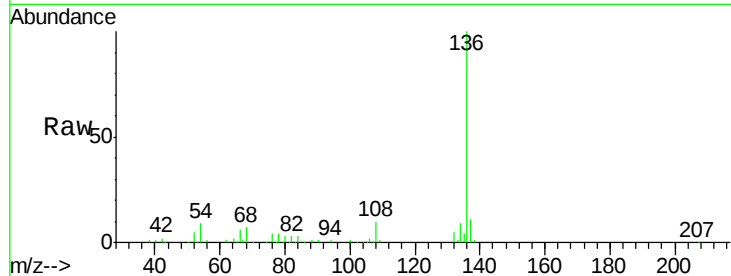
Acq: 25 Mar 2015 11:14

Instrument :

BNA_F

ClientSampleId :

SB-14MS



Tgt Ion:136 Resp: 186058

Ion Ratio Lower Upper

136 100

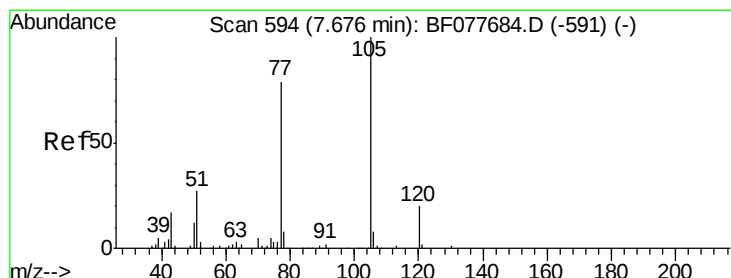
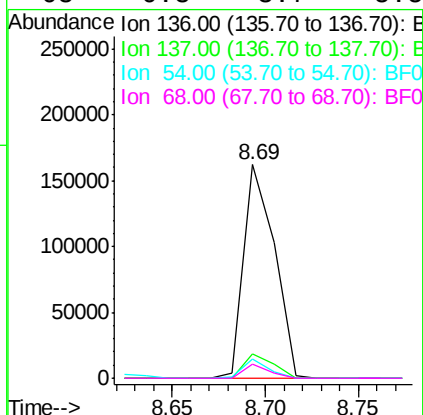
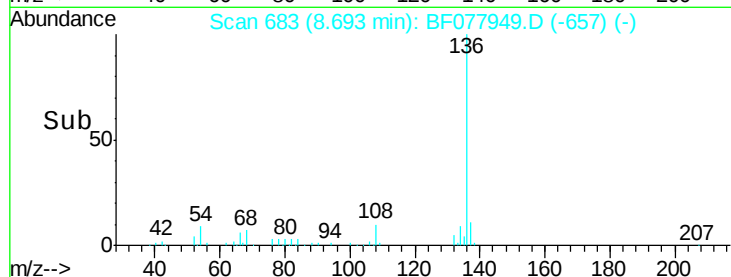
137 11.1 8.7 13.1

54 9.1 4.6 6.8#

68 6.8 3.7 5.5#

Manual Integrations
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#22

Acetophenone

Concen: 31.60 ng

RT: 7.63 min Scan# 590

Delta R.T. -0.00 min

Lab File: BF077949.D

Acq: 25 Mar 2015 11:14

Tgt Ion:105 Resp: 130146

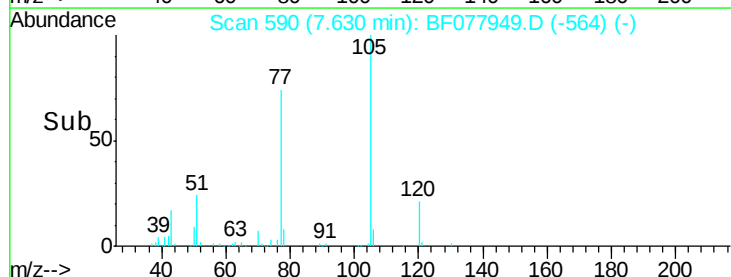
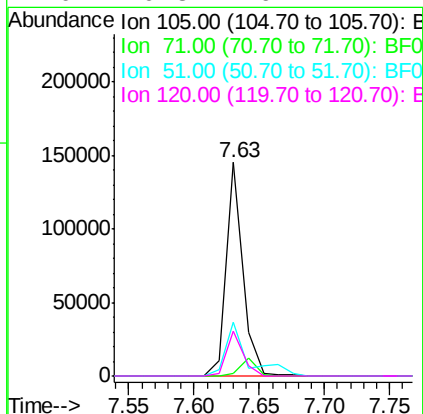
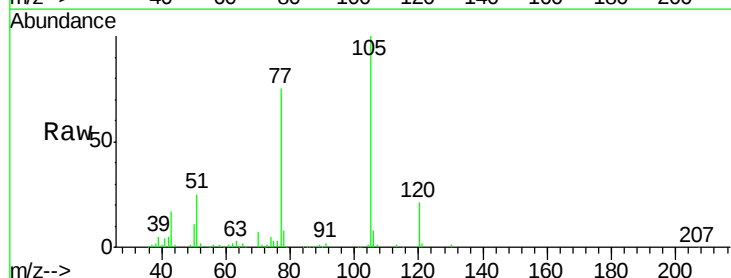
Ion Ratio Lower Upper

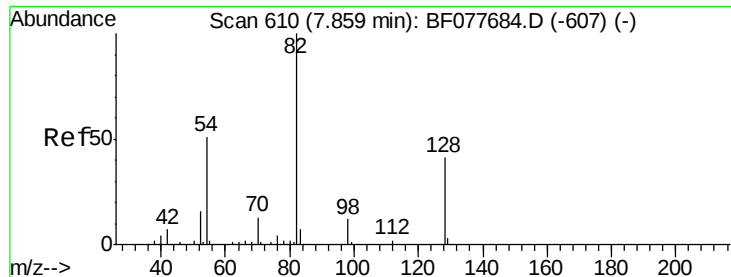
105 100

71 1.1 0.6 1.0#

51 25.0 21.6 32.4

120 20.8 16.1 24.1





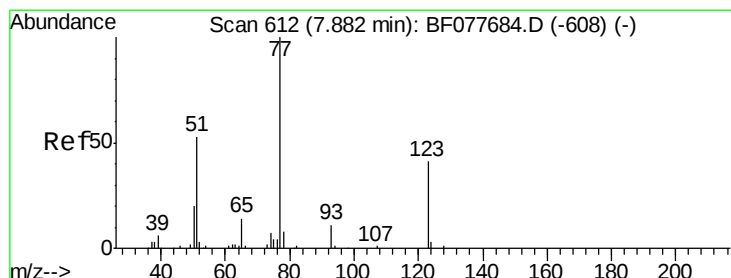
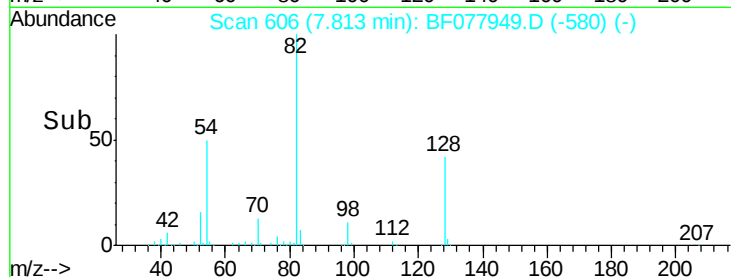
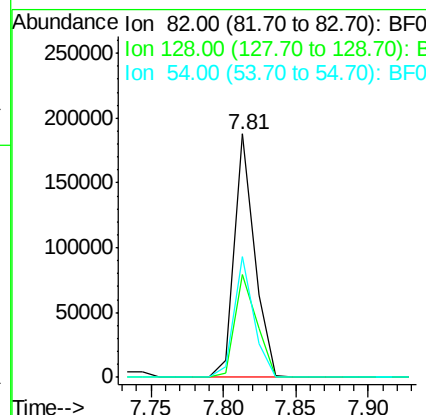
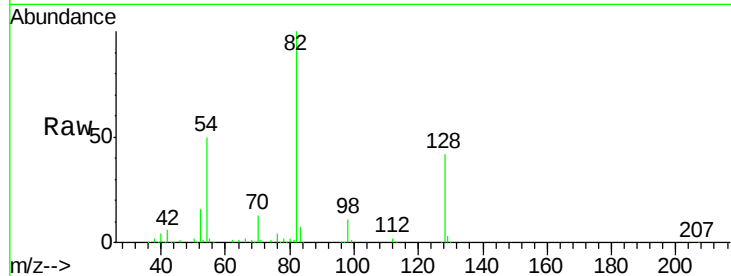
#23
 Nitrobenzene-d5
 Concen: 64.49 ng
 RT: 7.81 min Scan# 606
 Delta R.T. -0.00 min
 Lab File: BF077949.D
 Acq: 25 Mar 2015 11:14

Instrument :
 BNA_F
 ClientSampleId :
 SB-14MS

Tgt Ion	Ratio	Resp Lower	Resp Upper
82	100		
128	42.4	32.8	49.2
54	49.8	40.6	60.8

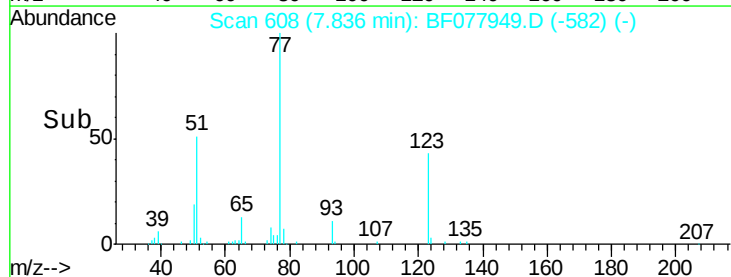
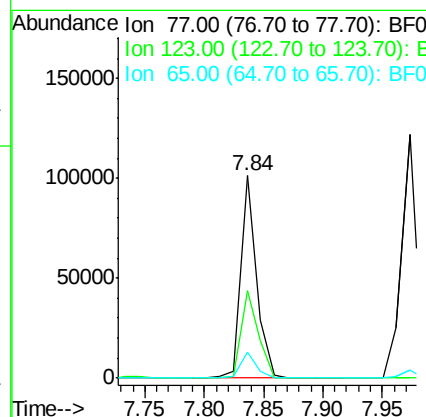
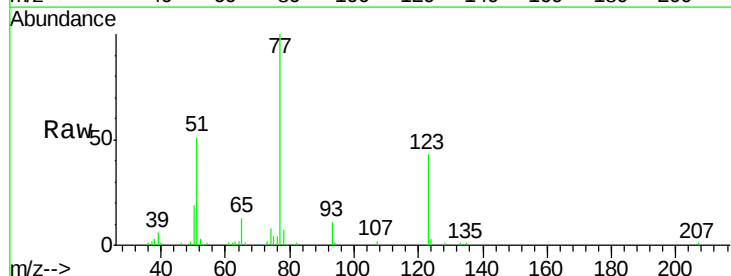
Manual Integrations
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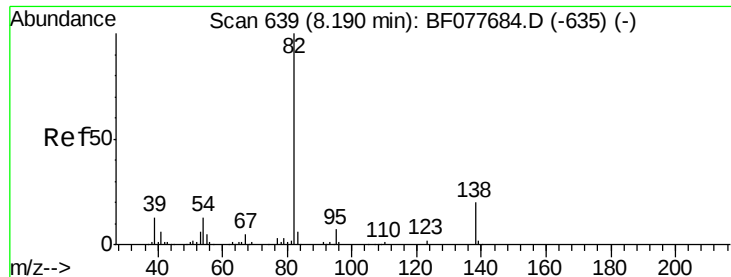
mohammad
 3/25/2015 5:01:43 PM



#24
 Nitrobenzene
 Concen: 30.61 ng
 RT: 7.84 min Scan# 608
 Delta R.T. -0.00 min
 Lab File: BF077949.D
 Acq: 25 Mar 2015 11:14

Tgt Ion	Ratio	Resp Lower	Resp Upper
77	100		
123	42.9	32.6	49.0
65	13.1	10.9	16.3





#25

Isophorone

Concen: 29.10 ng

RT: 8.14 min Scan# 635

Delta R.T. 0.01 min

Lab File: BF077949.D

Acq: 25 Mar 2015 11:14

Instrument :

BNA_F

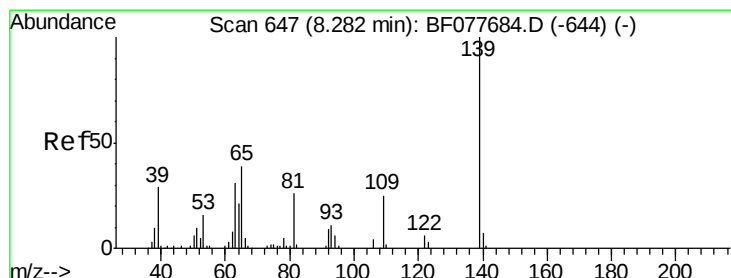
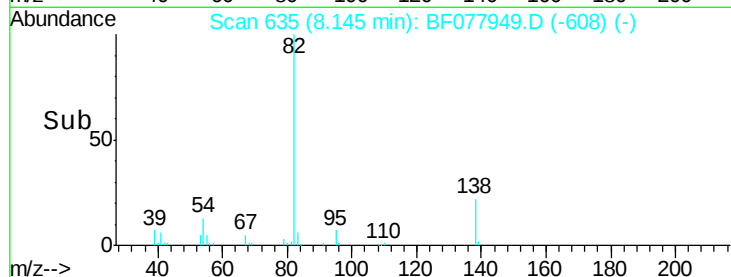
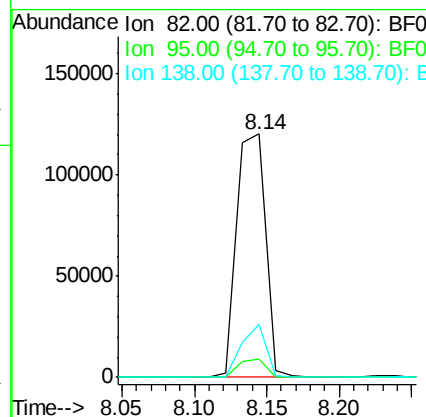
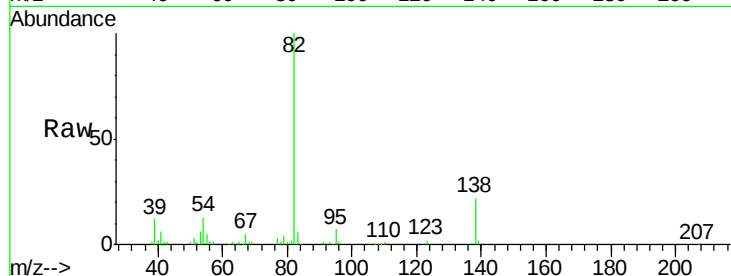
ClientSampleId :

SB-14MS

Tgt Ion:	82	Resp:	166783
Ion Ratio	Lower	Upper	
82	100		
95	7.3	5.8	8.6
138	21.6	16.3	24.5

Manual Integrations
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#26

2-Nitrophenol

Concen: 21.68 ng

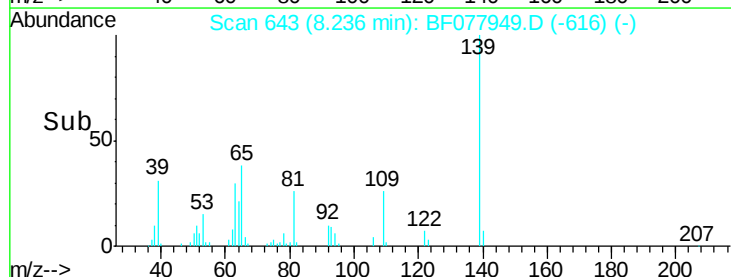
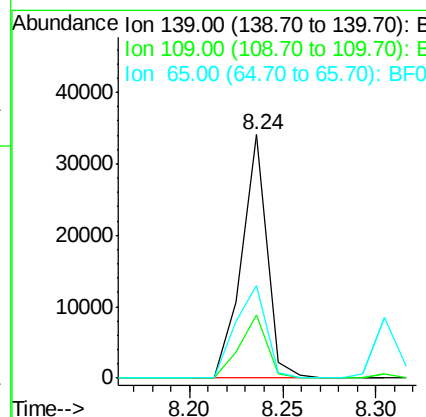
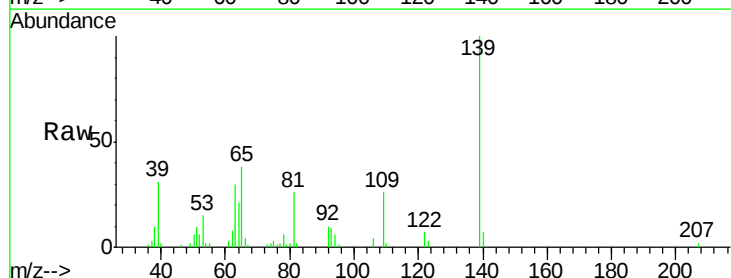
RT: 8.24 min Scan# 643

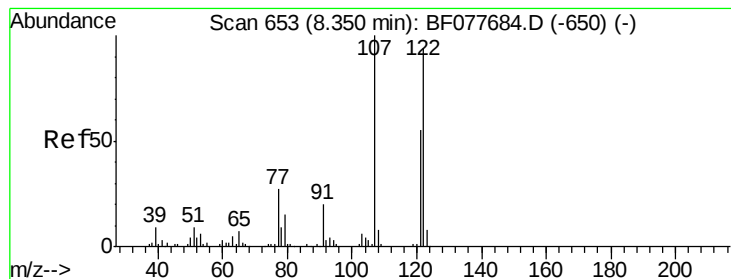
Delta R.T. 0.01 min

Lab File: BF077949.D

Acq: 25 Mar 2015 11:14

Tgt Ion:	139	Resp:	32455
Ion Ratio	Lower	Upper	
139	100		
109	25.9	20.1	30.1
65	37.8	31.5	47.3





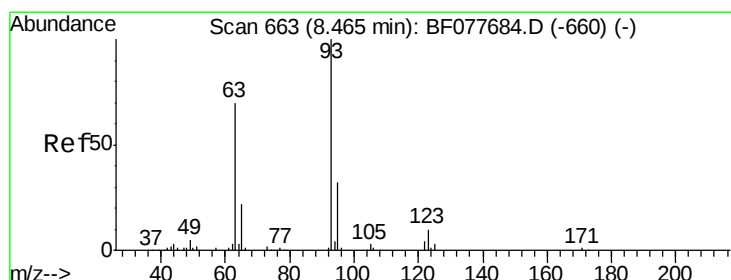
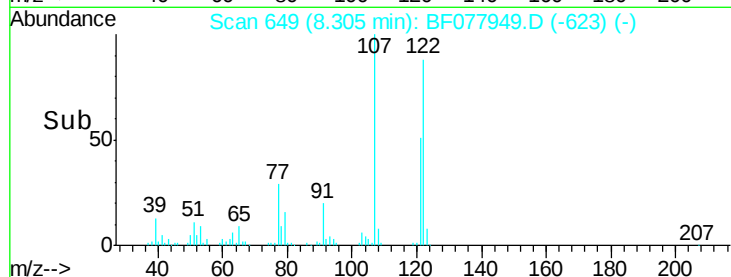
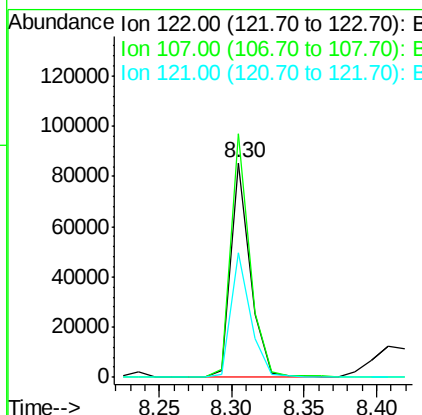
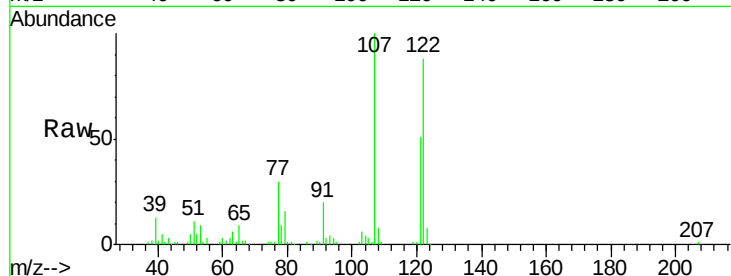
#27
 2,4-Dimethylphenol
 Concen: 29.39 ng
 RT: 8.30 min Scan# 649
 Delta R.T. -0.00 min
 Lab File: BF077949.D
 Acq: 25 Mar 2015 11:14

Instrument :
 BNA_F
 ClientSampleId :
 SB-14MS

Tgt Ion	Ratio	Lower	Upper
122	100		
107	113.4	84.7	127.1
121	57.9	46.6	69.8

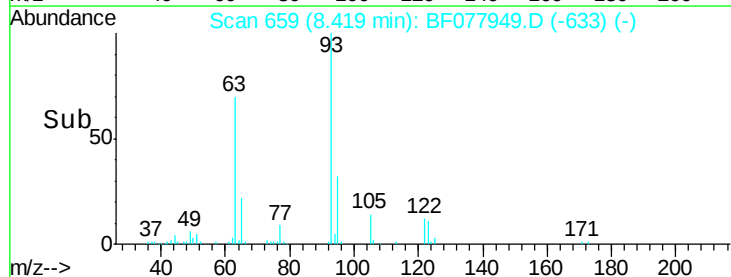
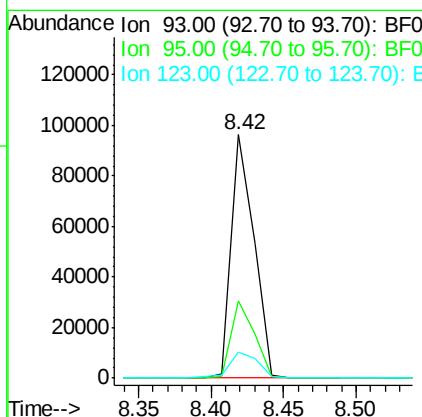
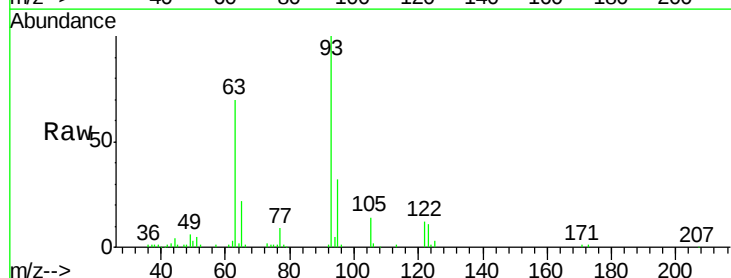
Manual Integrations
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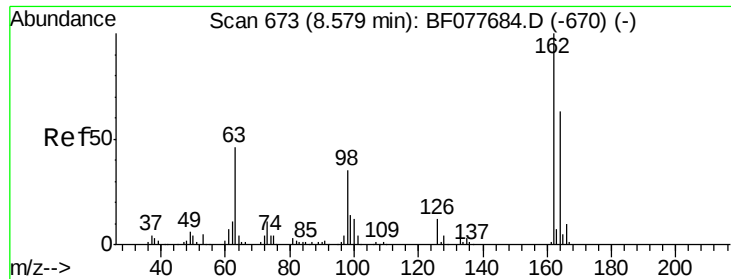
mohammad
 3/25/2015 5:01:43 PM



#28
 bis(2-Chloroethoxy)methane
 Concen: 30.28 ng
 RT: 8.42 min Scan# 659
 Delta R.T. -0.00 min
 Lab File: BF077949.D
 Acq: 25 Mar 2015 11:14

Tgt Ion	Ratio	Lower	Upper
93	100		
95	31.8	25.5	38.3
123	10.6	8.6	13.0





#29

2,4-Dichlorophenol

Concen: 30.69 ng

RT: 8.53 min Scan# 669

Delta R.T. -0.00 min

Lab File: BF077949.D

Acq: 25 Mar 2015 11:14

Instrument :

BNA_F

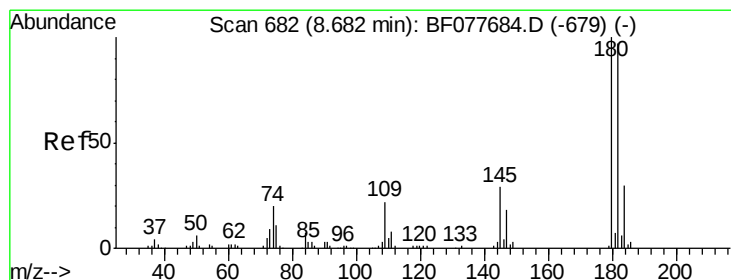
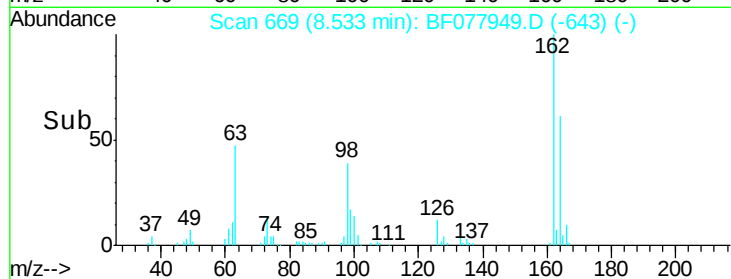
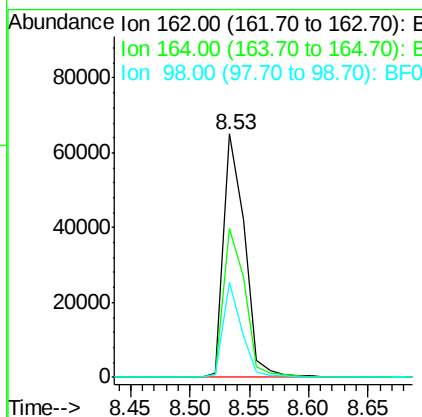
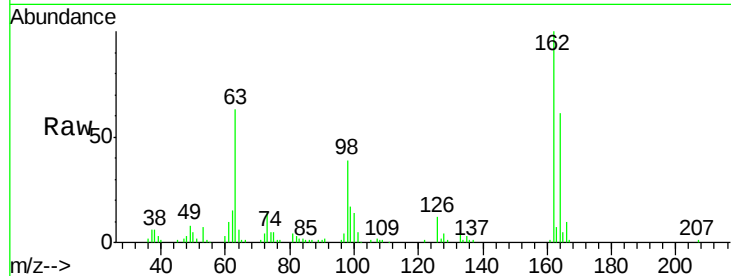
ClientSampleId :

SB-14MS

Tgt Ion:	162	Resp:	79794
Ion Ratio	Lower	Upper	
162	100		
164	61.4	42.8	82.8
98	39.1	14.5	54.5

Manual Integrations
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#30

1,2,4-Trichlorobenzene

Concen: 28.35 ng

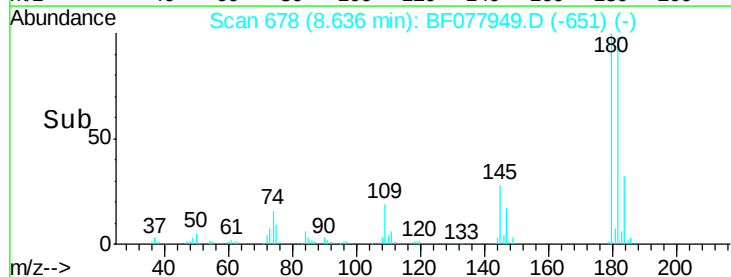
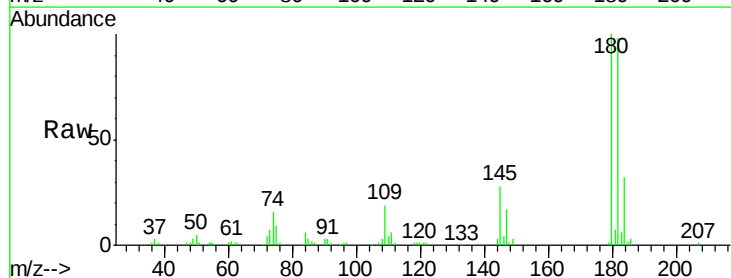
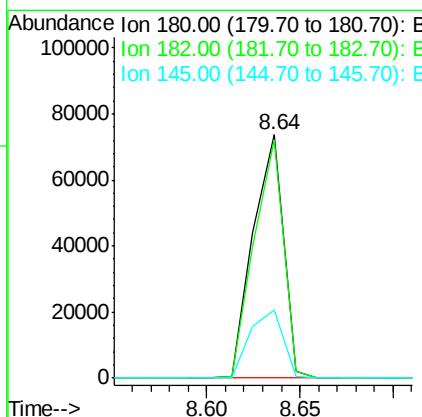
RT: 8.64 min Scan# 678

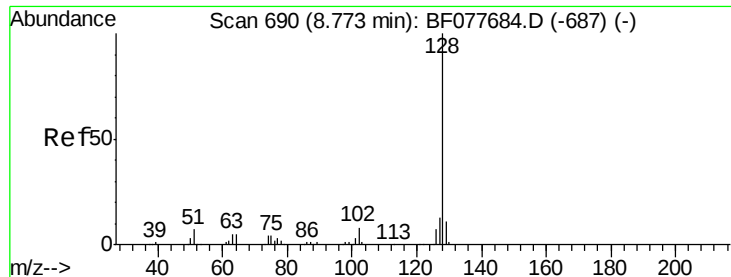
Delta R.T. 0.01 min

Lab File: BF077949.D

Acq: 25 Mar 2015 11:14

Tgt Ion:	180	Resp:	82467
Ion Ratio	Lower	Upper	
180	100		
182	98.0	77.6	116.4
145	28.1	23.4	35.2





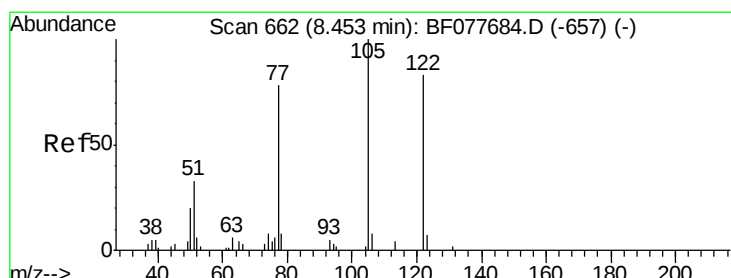
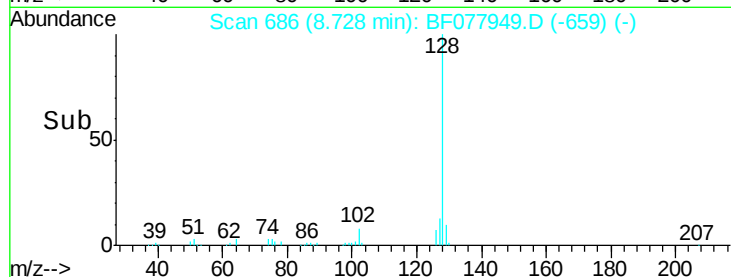
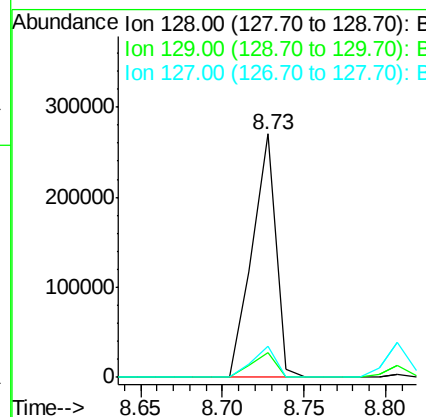
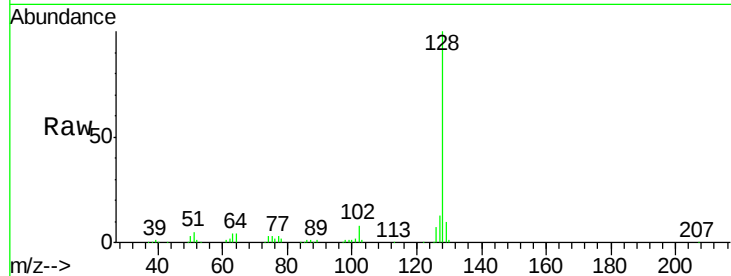
#31
Naphthalene
Concen: 28.58 ng
RT: 8.73 min Scan# 686
Delta R.T. 0.01 min
Lab File: BF077949.D
Acq: 25 Mar 2015 11:14

Instrument :
BNA_F
ClientSampleId :
SB-14MS

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	273116		
129	10.4	8.9	13.3	
127	12.7	10.4	15.6	

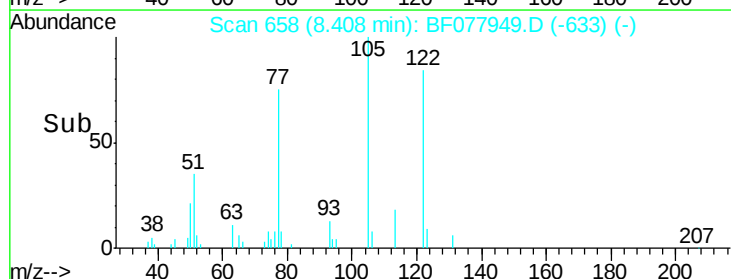
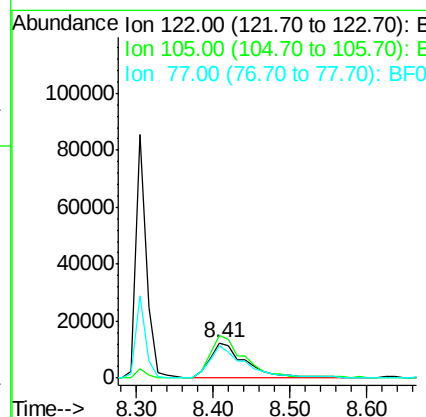
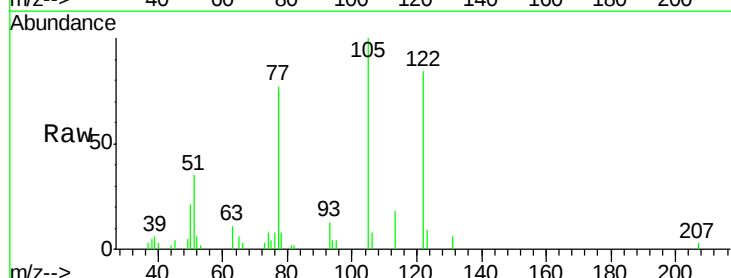
Manual Integrations
APPROVED

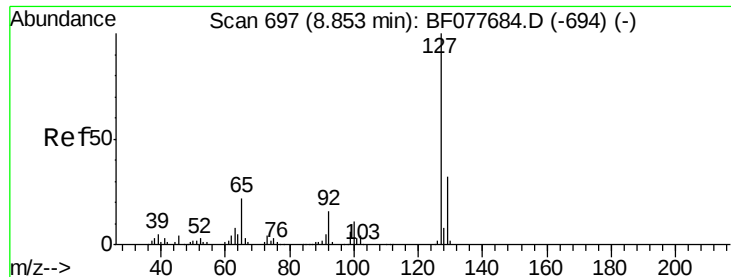
mohammad
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#32
Benzoic acid
Concen: 27.97 ng
RT: 8.41 min Scan# 658
Delta R.T. -0.01 min
Lab File: BF077949.D
Acq: 25 Mar 2015 11:14

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	40458		
105	118.4	99.9	139.9	
77	90.7	73.7	113.7	





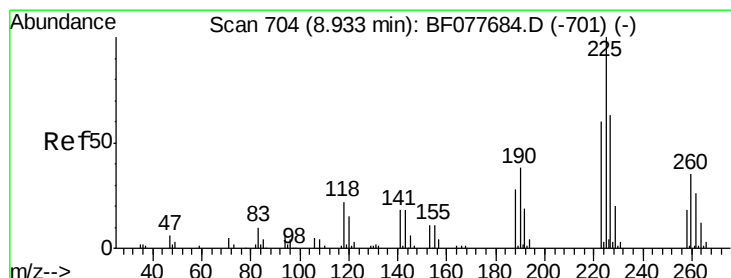
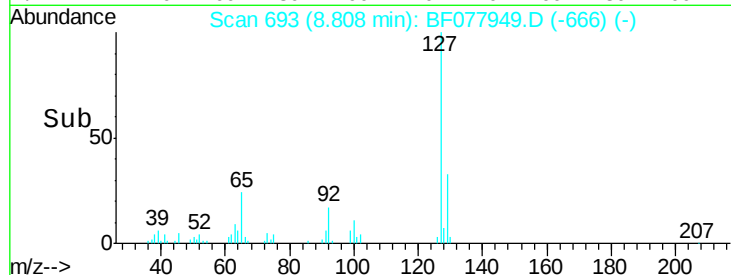
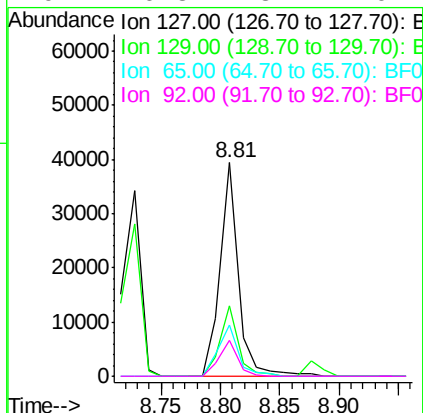
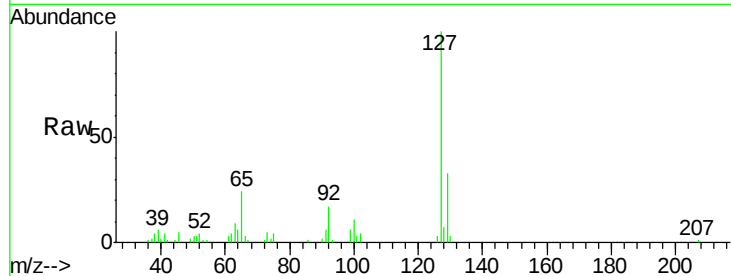
#33
4-Chloroaniline
Concen: 10.86 ng
RT: 8.81 min Scan# 693
Delta R.T. 0.01 min
Lab File: BF077949.D
Acq: 25 Mar 2015 11:14

Instrument :
BNA_F
ClientSampleId :
SB-14MS

Tgt Ion	Ratio	Lower	Upper
127	100		
129	33.0	25.3	37.9
65	24.0	17.6	26.4
92	16.8	13.1	19.7

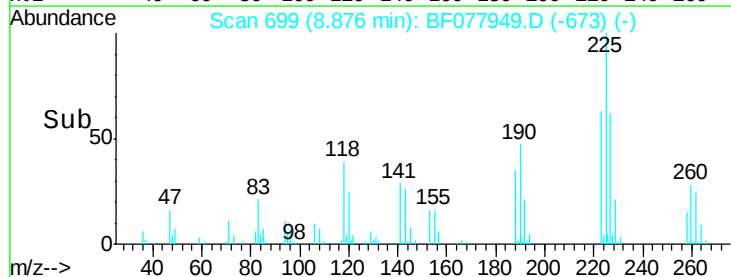
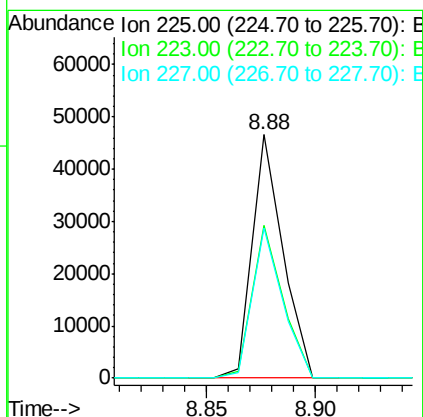
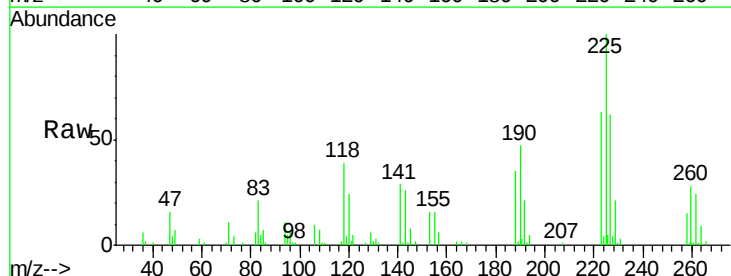
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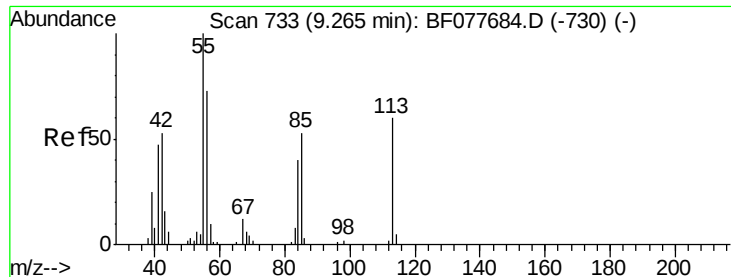
mohammad
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#34
Hexachlorobutadiene
Concen: 27.68 ng
RT: 8.88 min Scan# 699
Delta R.T. -0.00 min
Lab File: BF077949.D
Acq: 25 Mar 2015 11:14

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.8	47.9	71.9
227	61.7	50.1	75.1





#35

Caprolactam

Concen: 29.74 ng

RT: 9.23 min Scan# 730

Delta R.T. -0.00 min

Lab File: BF077949.D

Acq: 25 Mar 2015 11:14

Instrument :

BNA_F

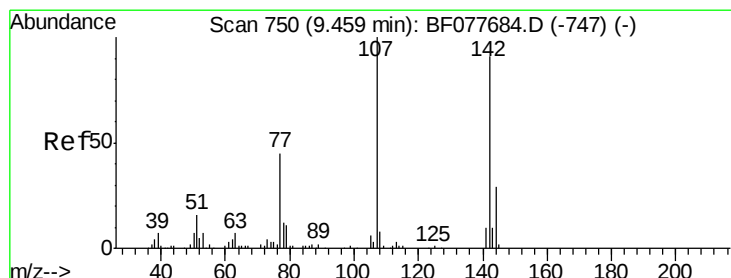
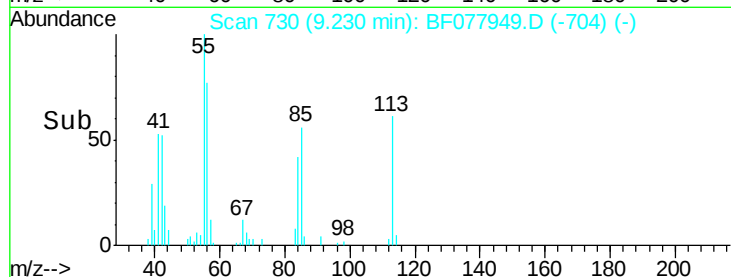
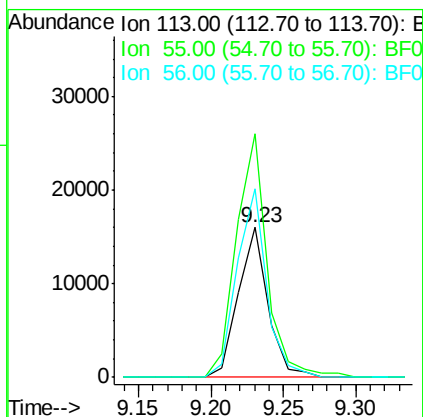
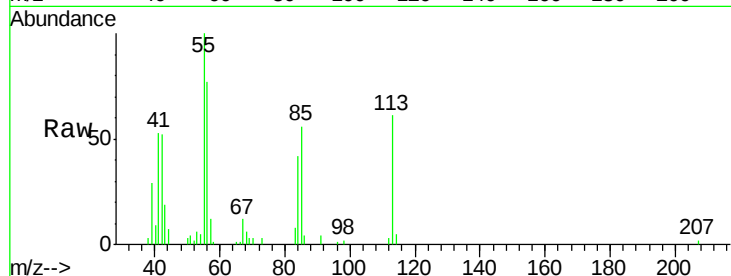
ClientSampleId :

SB-14MS

Tgt Ion:	113	Resp:	22593
Ion Ratio	Lower	Upper	
113	100		
55	162.7	145.9	185.9
56	125.9	101.0	141.0

Manual Integrations
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#36

4-Chloro-3-methylphenol

Concen: 31.04 ng

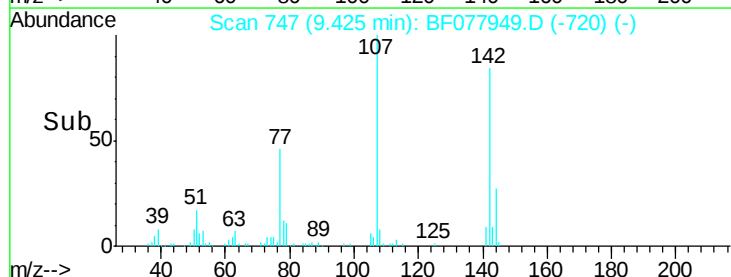
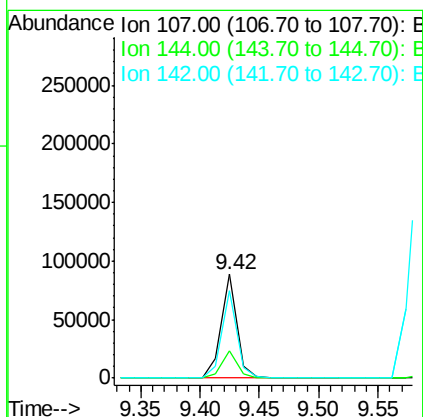
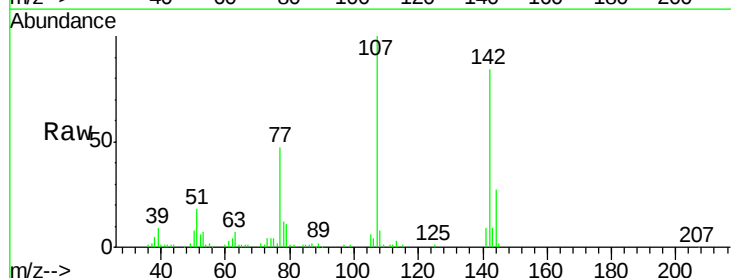
RT: 9.42 min Scan# 747

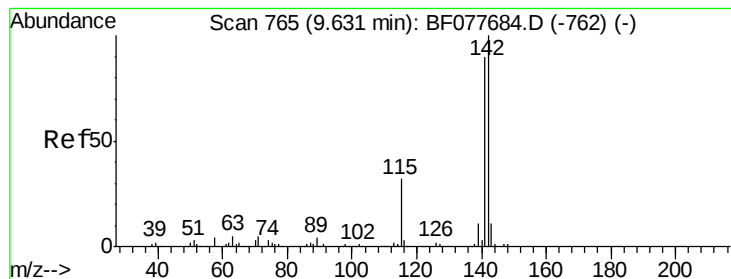
Delta R.T. 0.01 min

Lab File: BF077949.D

Acq: 25 Mar 2015 11:14

Tgt Ion:	107	Resp:	81185
Ion Ratio	Lower	Upper	
107	100		
144	26.5	23.3	34.9
142	84.0	72.6	109.0





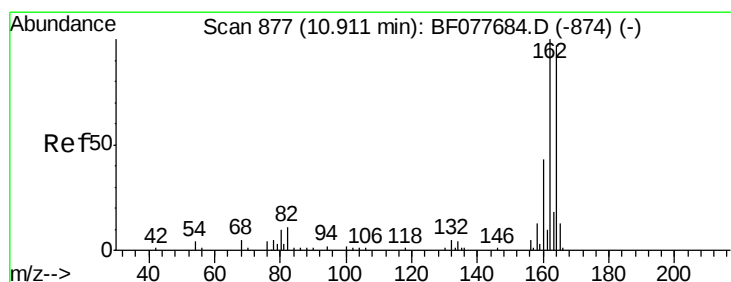
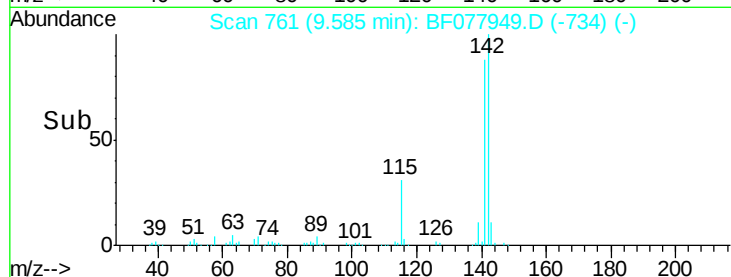
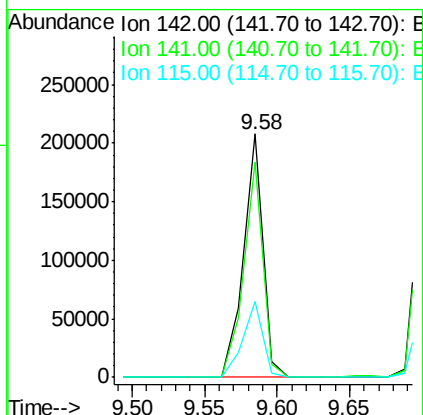
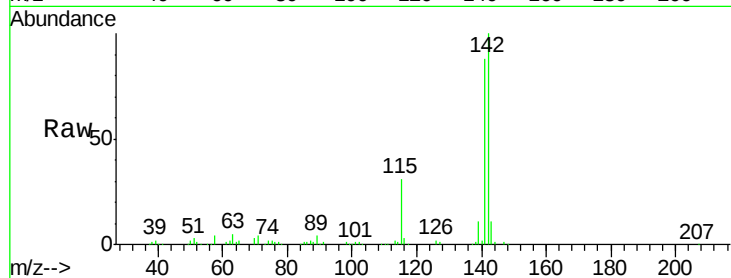
#37
2-Methylnaphthalene
Concen: 30.17 ng
RT: 9.58 min Scan# 761
Delta R.T. 0.01 min
Lab File: BF077949.D
Acq: 25 Mar 2015 11:14

Instrument :
BNA_F
ClientSampleId :
SB-14MS

Tgt Ion	Ratio	Lower	Upper
142	100		
141	88.3	71.9	107.9
115	31.1	25.4	38.0

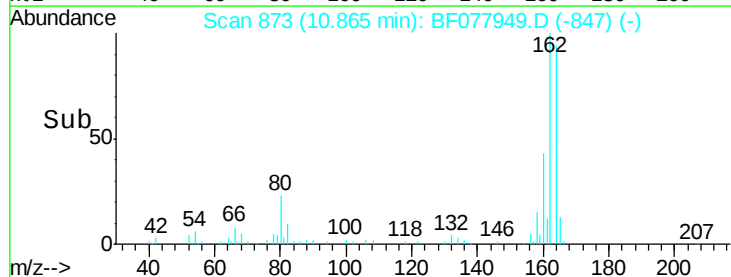
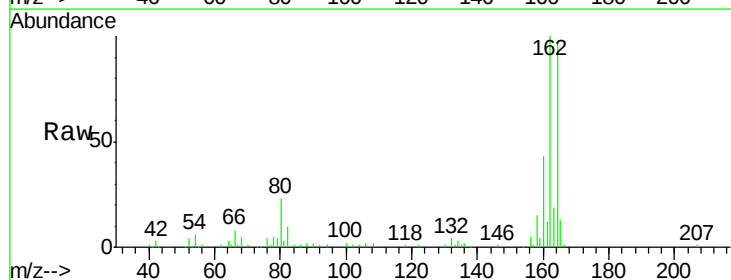
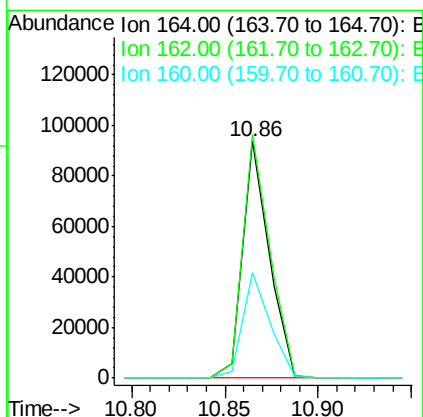
Manual Integrations
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mohammad
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.86 min Scan# 873
Delta R.T. -0.00 min
Lab File: BF077949.D
Acq: 25 Mar 2015 11:14

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.7	82.4	123.6
160	44.6	35.8	53.6





#39

1,2,4,5-Tetrachlorobenzene

Concen: 29.39 ng

RT: 9.79 min Scan# 779

Delta R.T. 0.01 min

Lab File: BF077949.D

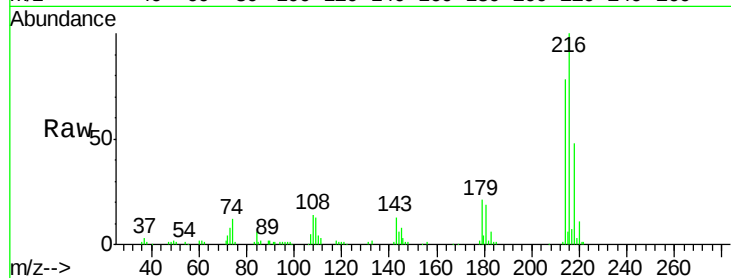
Acq: 25 Mar 2015 11:14

Instrument :

BNA_F

ClientSampleId :

SB-14MS



Tgt Ion: 216 Resp: 81904

Ion Ratio Lower Upper

216 100

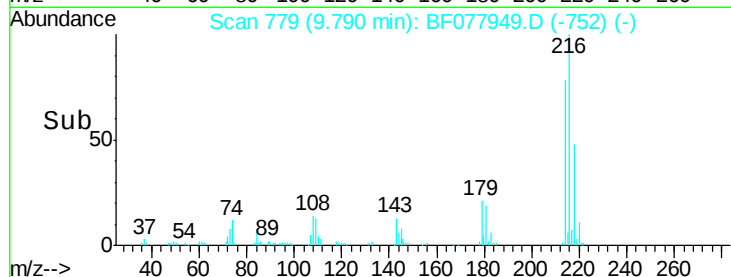
214 78.1 0.0 0.0#

179 22.2 0.0 0.0#

108 17.8 0.0 0.0#

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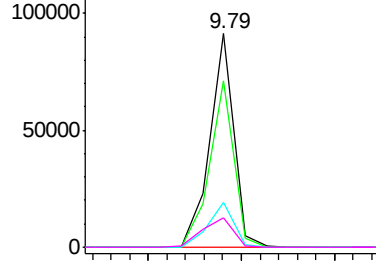


Abundance Ion 216.00 (215.70 to 216.70): E

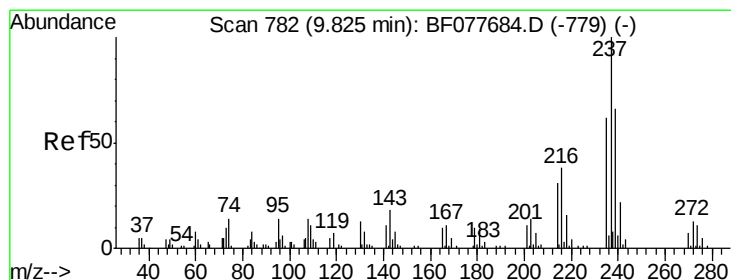
Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



Time-->



#40

Hexachlorocyclopentadiene

Concen: 13.44 ng

RT: 9.77 min Scan# 777

Delta R.T. -0.00 min

Lab File: BF077949.D

Acq: 25 Mar 2015 11:14

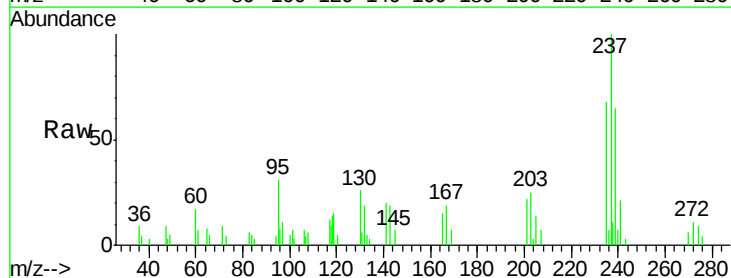
Tgt Ion: 237 Resp: 14927

Ion Ratio Lower Upper

237 100

235 67.7 42.0 82.0

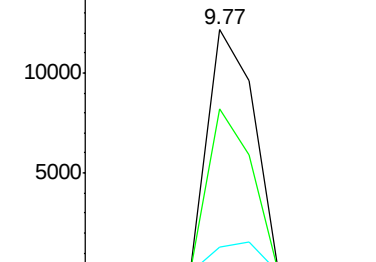
272 10.8 0.0 33.4



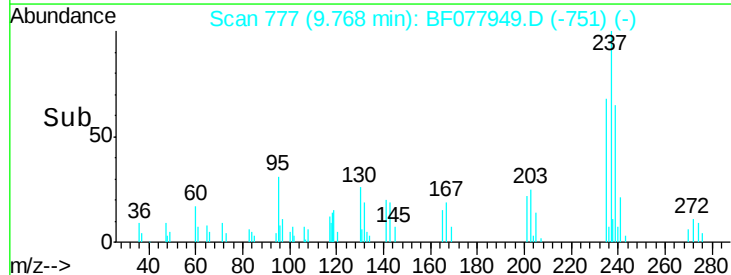
Abundance Ion 236.80 (236.50 to 237.50): E

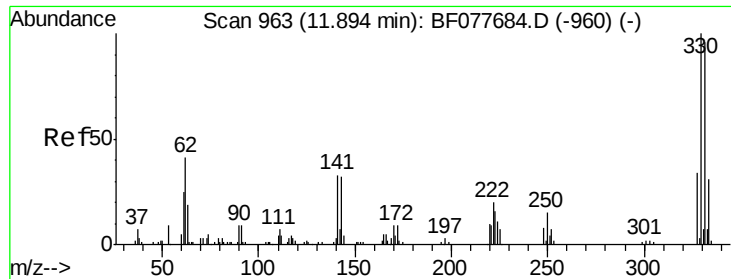
Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



Time-->





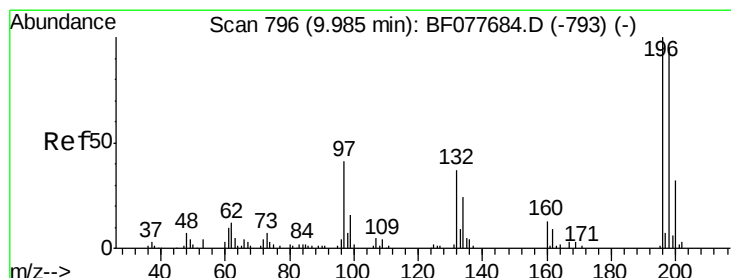
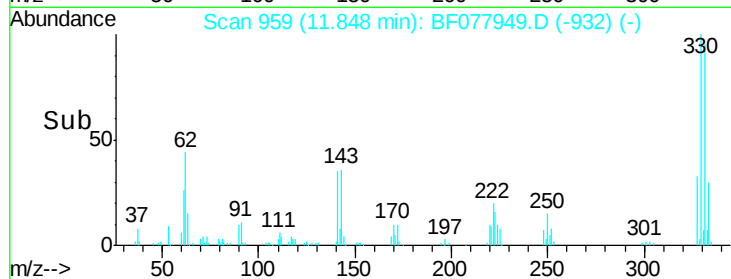
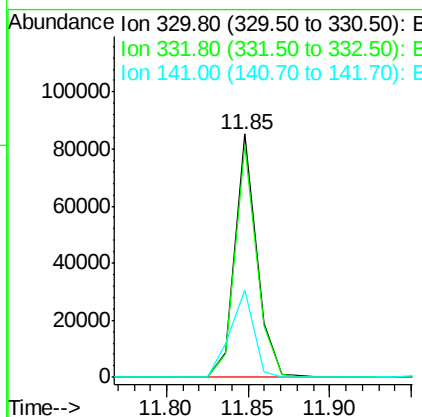
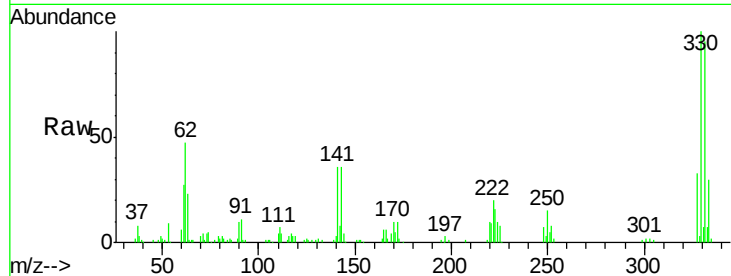
#41
 2,4,6-Tribromophenol
 Concen: 87.66 ng
 RT: 11.85 min Scan# 959
 Delta R.T. 0.01 min
 Lab File: BF077949.D
 Acq: 25 Mar 2015 11:14

Instrument :
 BNA_F
 ClientSampleId :
 SB-14MS

Tgt Ion	Ratio	Resp Lower	Resp Upper
330	100		
332	95.3	0.0	0.0#
141	39.4	0.0	0.0#

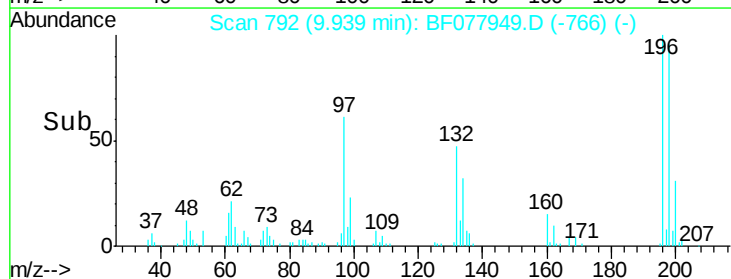
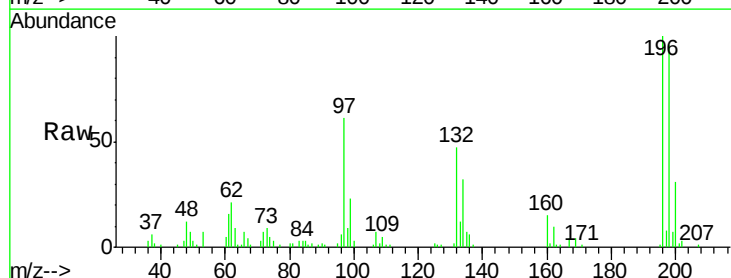
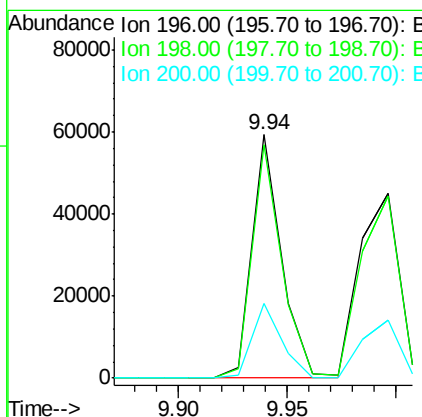
Manual Integrations
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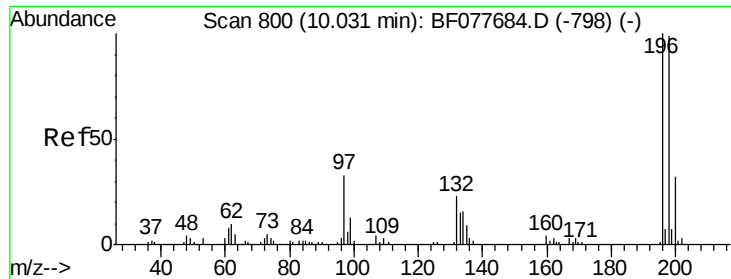
mohammad
 3/25/2015 5:01:43 PM



#42
 2,4,6-Trichlorophenol
 Concen: 29.12 ng
 RT: 9.94 min Scan# 792
 Delta R.T. -0.00 min
 Lab File: BF077949.D
 Acq: 25 Mar 2015 11:14

Tgt Ion	Ratio	Resp Lower	Resp Upper
196	100		
198	95.7	76.3	114.5
200	30.6	25.6	38.4





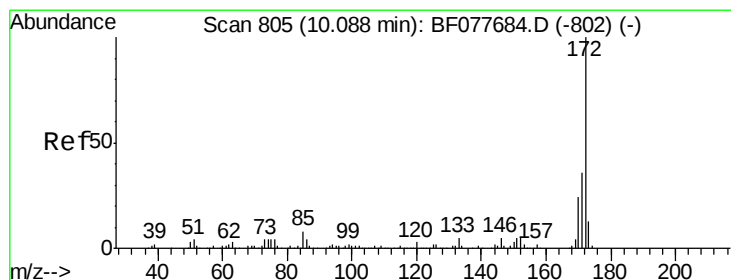
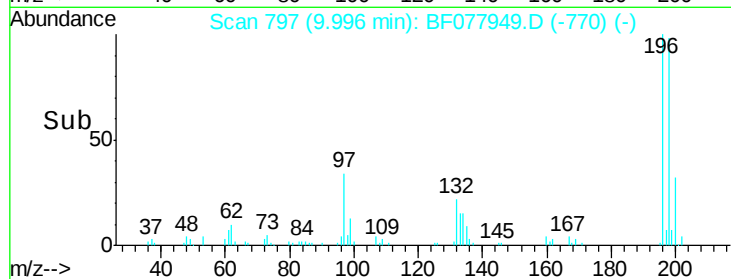
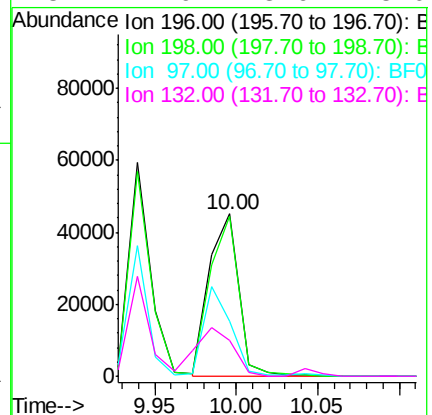
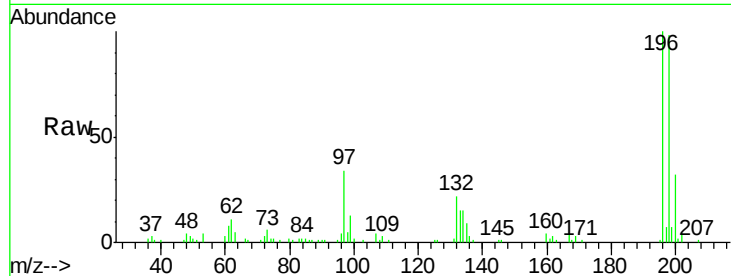
#43
 2,4,5-Trichlorophenol
 Concen: 27.75 ng
 RT: 10.00 min Scan# 797
 Delta R.T. 0.01 min
 Lab File: BF077949.D
 Acq: 25 Mar 2015 11:14

Instrument :
 BNA_F
 ClientSampleId :
 SB-14MS

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	57874		
198	98.3	79.4	119.0	
97	33.7	26.8	40.2	
132	21.9	18.6	28.0	

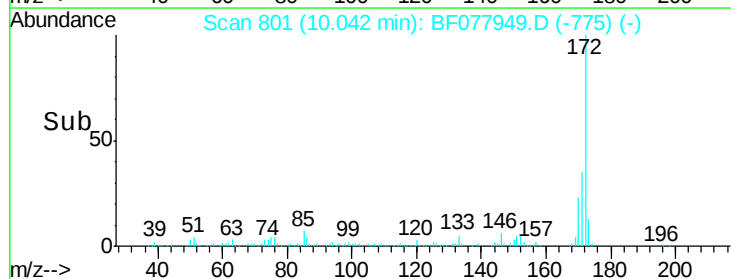
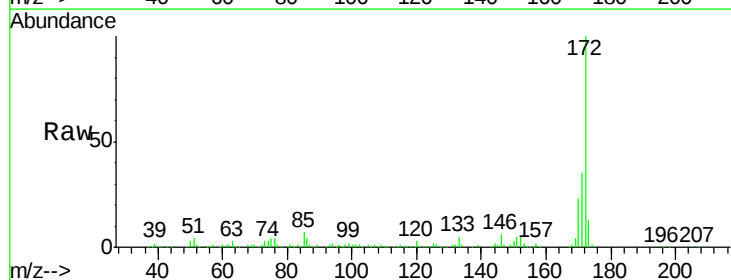
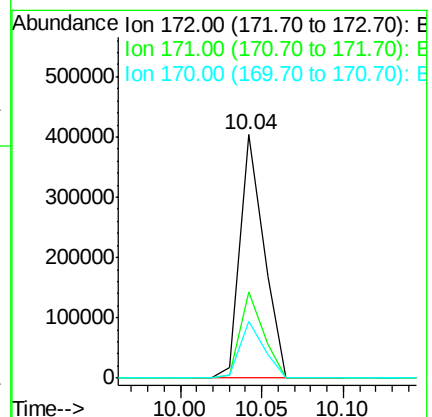
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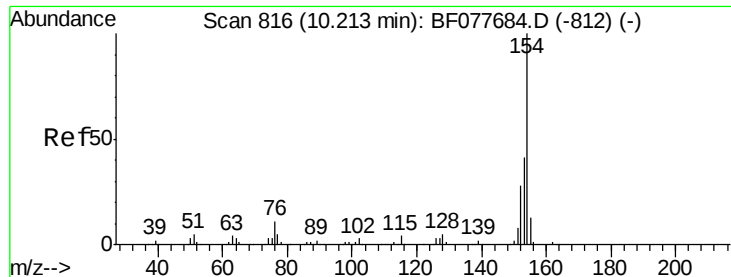
mohammad
 3/25/2015 5:01:43 PM



#44
 2-Fluorobiphenyl
 Concen: 63.69 ng
 RT: 10.04 min Scan# 801
 Delta R.T. -0.00 min
 Lab File: BF077949.D
 Acq: 25 Mar 2015 11:14

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	404919		
171	35.3	28.5	42.7	
170	23.4	18.8	28.2	





#45

1,1'-Biphenyl

Concen: 31.03 ng

RT: 10.17 min Scan# 812

Delta R.T. 0.01 min

Lab File: BF077949.D

Acq: 25 Mar 2015 11:14

Instrument :

BNA_F

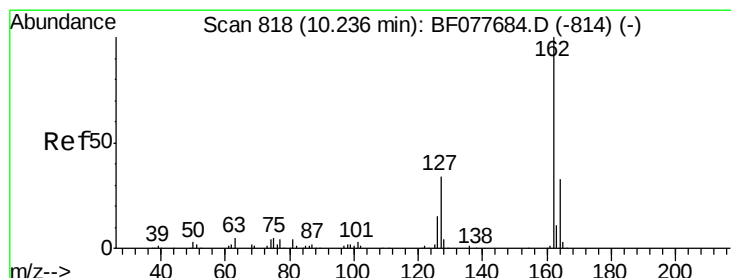
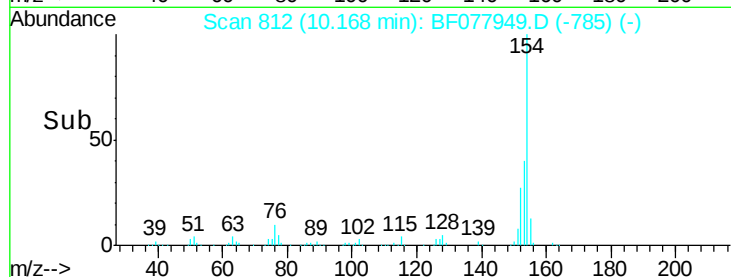
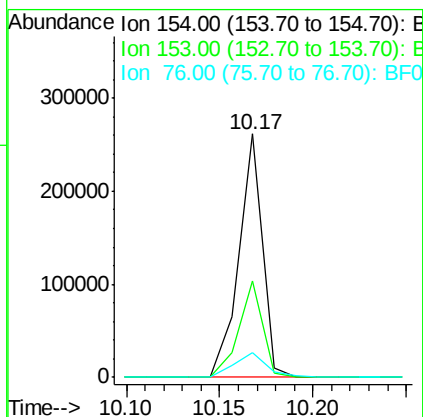
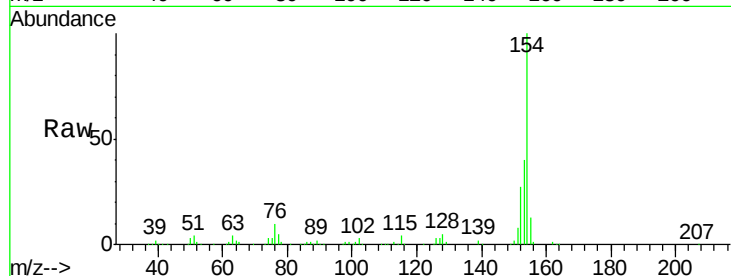
ClientSampleId :

SB-14MS

Tgt Ion:	154	Resp:	231780
Ion Ratio	Lower	Upper	
154	100		
153	39.5	20.7	60.7
76	10.2	0.0	30.9

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#46

2-Chloronaphthalene

Concen: 28.71 ng

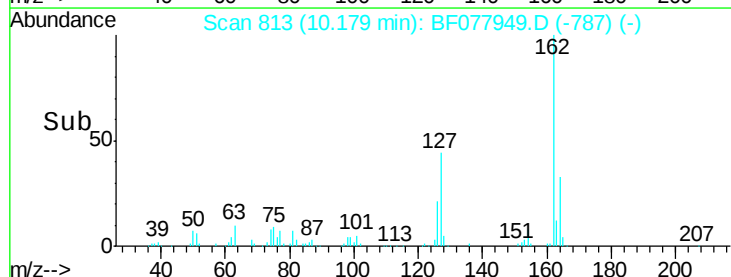
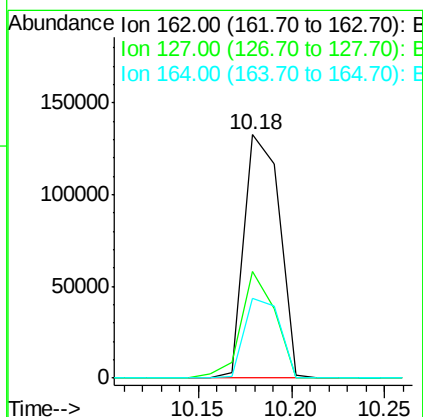
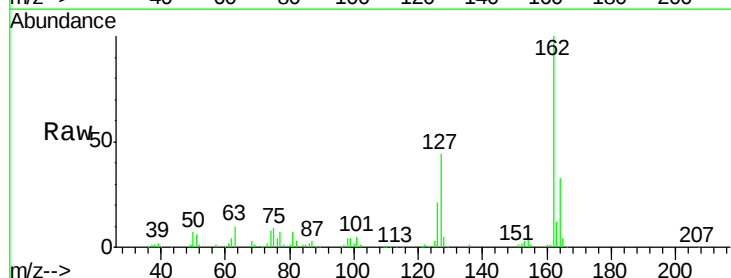
RT: 10.18 min Scan# 813

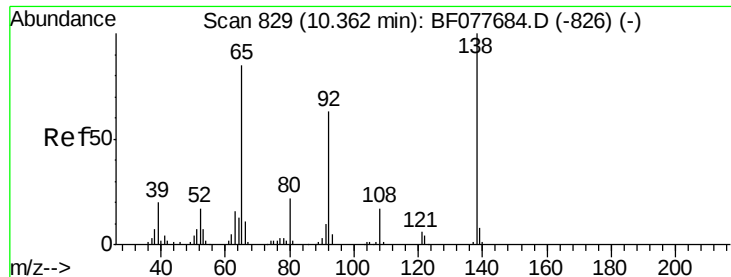
Delta R.T. -0.00 min

Lab File: BF077949.D

Acq: 25 Mar 2015 11:14

Tgt Ion:	162	Resp:	174250
Ion Ratio	Lower	Upper	
162	100		
127	43.6	26.9	40.3#
164	32.6	26.8	40.2





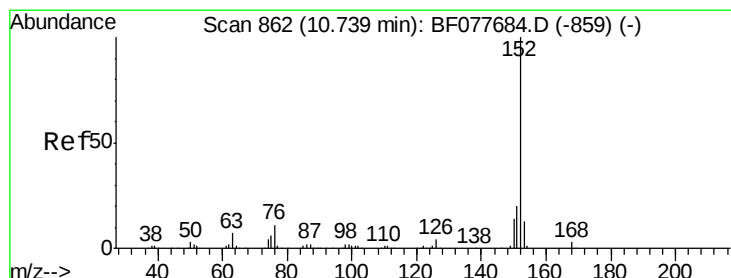
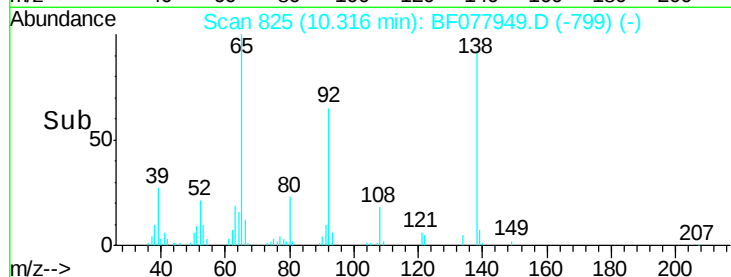
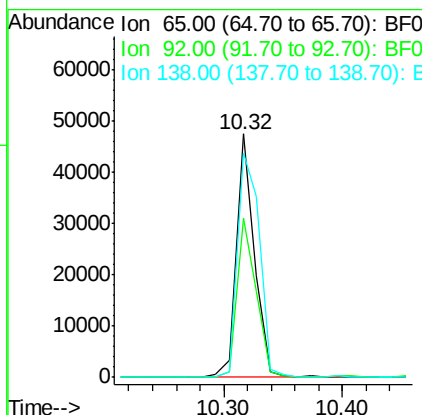
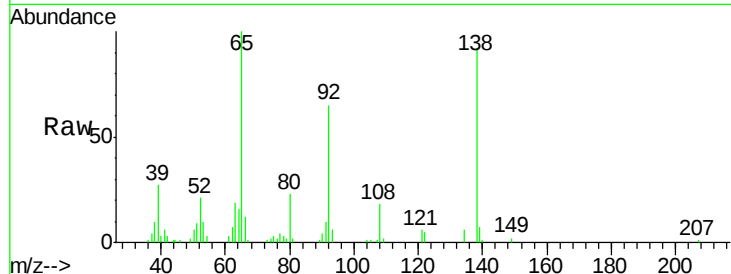
#47
2-Nitroaniline
Concen: 33.35 ng
RT: 10.32 min Scan# 825
Delta R.T. -0.00 min
Lab File: BF077949.D
Acq: 25 Mar 2015 11:14

Instrument :
BNA_F
ClientSampleId :
SB-14MS

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	50270		
92	65.4	59.1	88.7	
138	92.3	93.9	140.9	

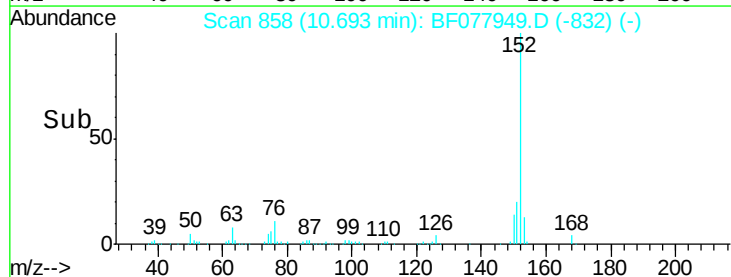
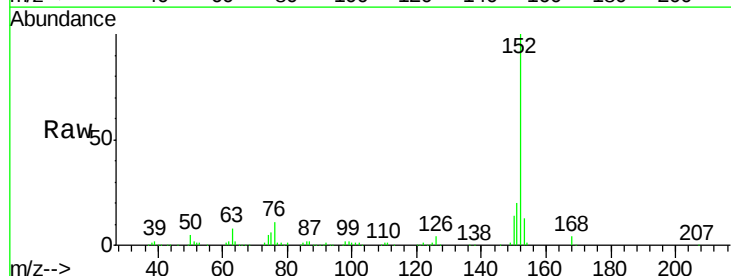
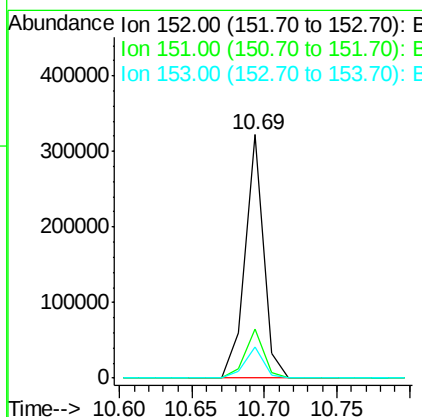
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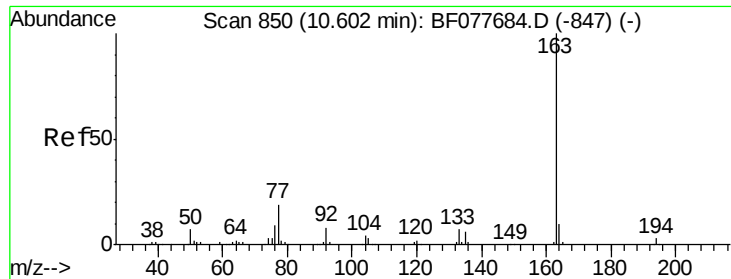
mohammad
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#48
Acenaphthylene
Concen: 28.34 ng
RT: 10.69 min Scan# 858
Delta R.T. -0.00 min
Lab File: BF077949.D
Acq: 25 Mar 2015 11:14

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	286043		
151	19.9	15.9	23.9	
153	13.0	10.6	16.0	





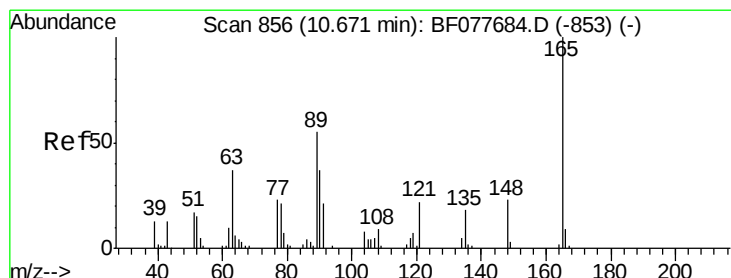
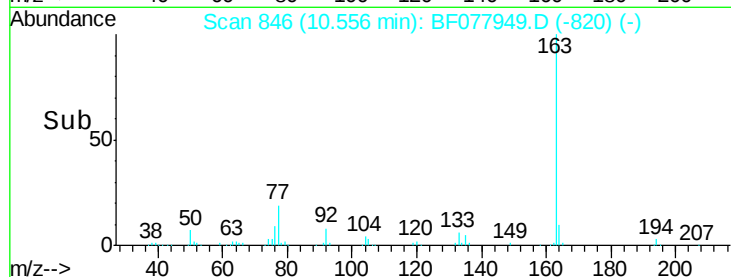
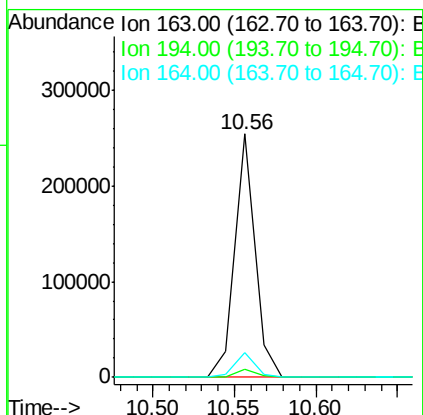
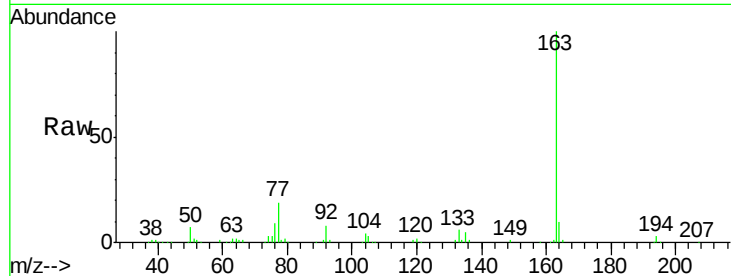
#49
Dimethylphthalate
Concen: 31.30 ng
RT: 10.56 min Scan# 846
Delta R.T. -0.00 min
Lab File: BF077949.D
Acq: 25 Mar 2015 11:14

Instrument :
BNA_F
ClientSampleId :
SB-14MS

Tgt Ion	Ratio	Resp	Lower	Upper
163	100	216887		
194	3.5	2.7	4.1	
164	10.1	8.2	12.2	

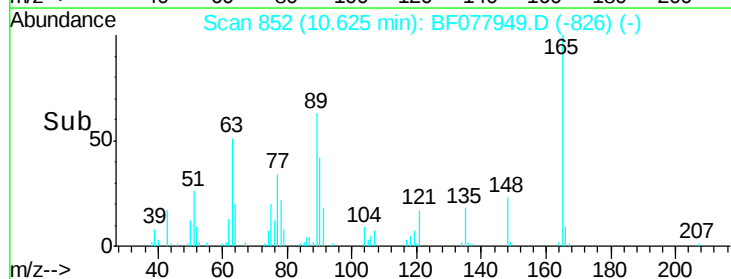
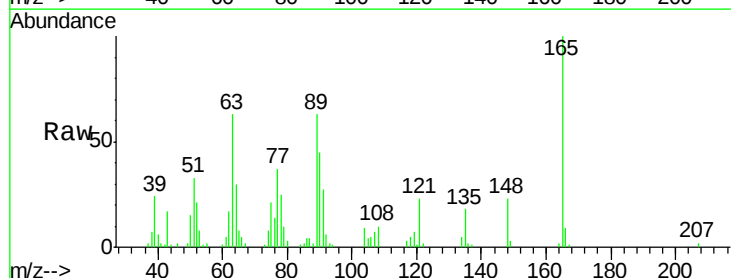
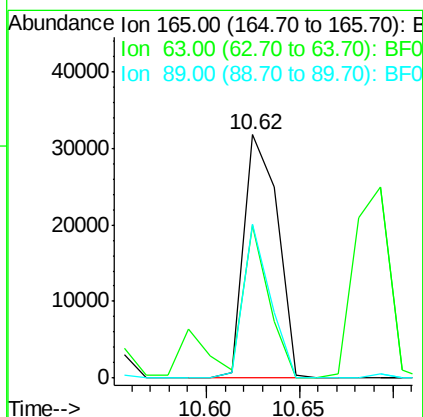
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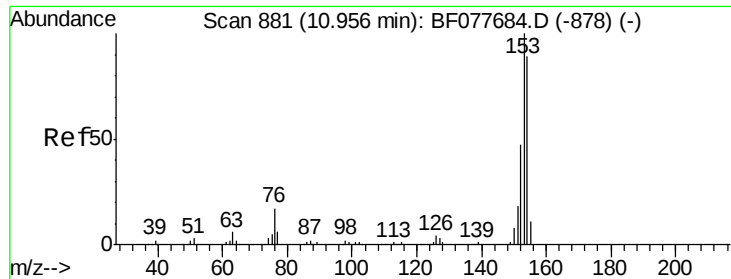
mohammad
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#50
2,6-Dinitrotoluene
Concen: 27.64 ng
RT: 10.62 min Scan# 852
Delta R.T. -0.00 min
Lab File: BF077949.D
Acq: 25 Mar 2015 11:14

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	39704		
63	62.8	44.1	66.1	
89	63.2	44.3	66.5	





#51

Acenaphthene

Concen: 28.65 ng

RT: 10.91 min Scan# 877

Delta R.T. 0.01 min

Lab File: BF077949.D

Acq: 25 Mar 2015 11:14

Instrument :

BNA_F

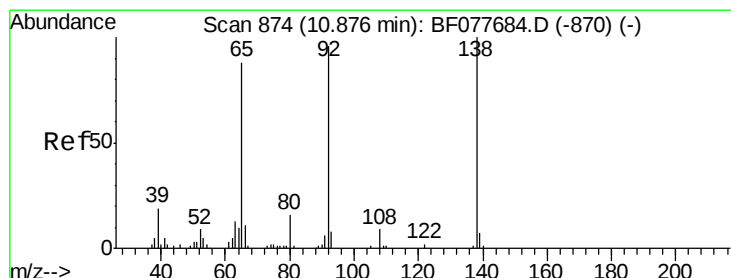
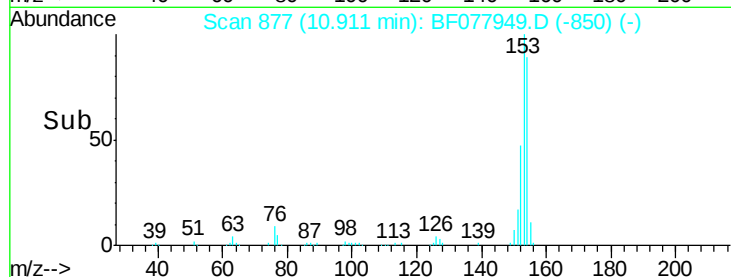
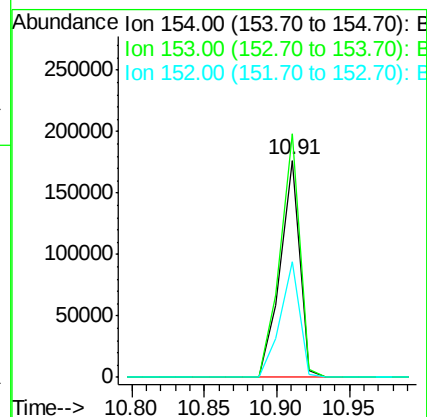
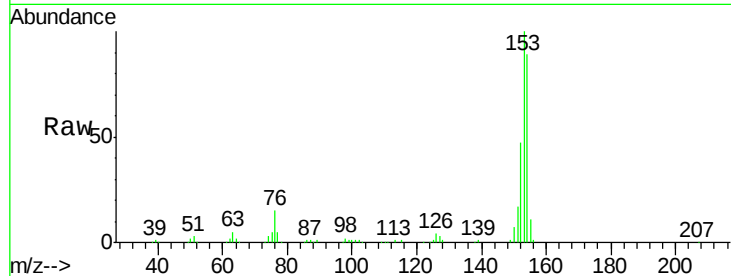
ClientSampled :

SB-14MS

Tgt Ion:	154	Resp:	165811
Ion Ratio	Lower	Upper	
154	100		
153	112.1	90.0	135.0
152	53.1	42.6	63.8

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#52

3-Nitroaniline

Concen: 28.81 ng

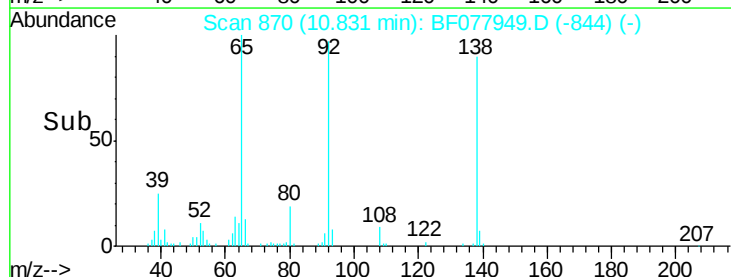
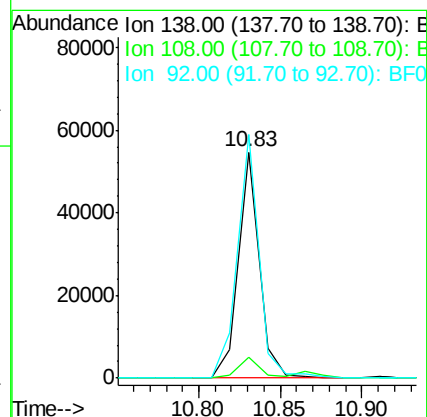
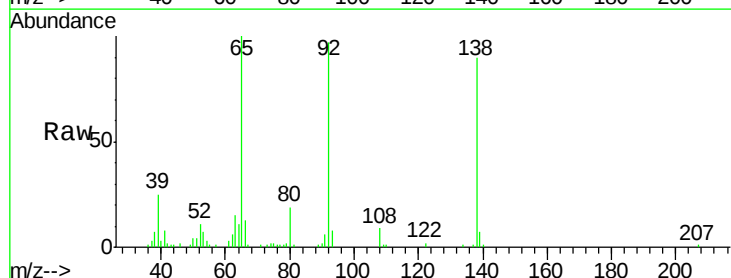
RT: 10.83 min Scan# 870

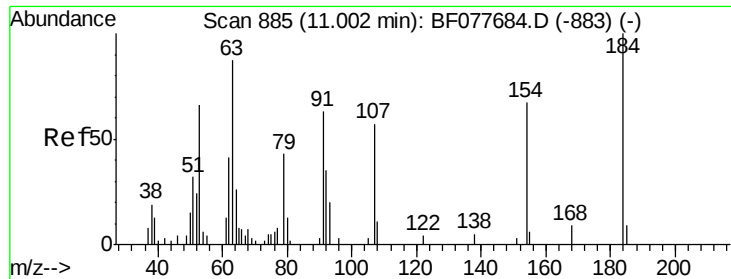
Delta R.T. -0.00 min

Lab File: BF077949.D

Acq: 25 Mar 2015 11:14

Tgt Ion:	138	Resp:	48064
Ion Ratio	Lower	Upper	
138	100		
108	9.5	7.3	10.9
92	107.9	76.6	114.8





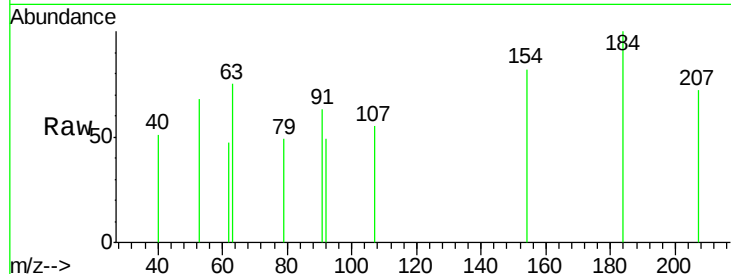
#53
2,4-Dinitrophenol
Concen: 9.65 ng
RT: 10.97 min Scan# 882
Delta R.T. 0.01 min
Lab File: BF077949.D
Acq: 25 Mar 2015 11:14

Instrument :
BNA_F
ClientSampled :
SB-14MS

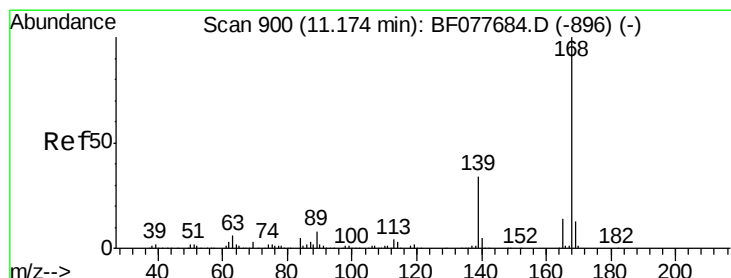
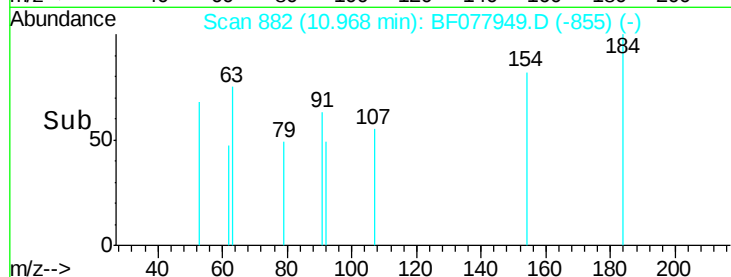
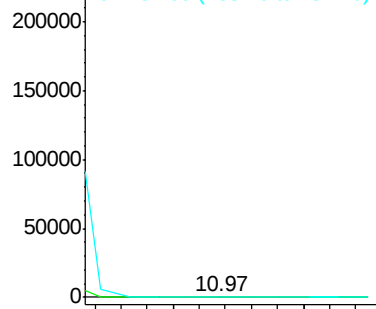
Tgt Ion:184 Resp: 932
Ion Ratio Lower Upper
184 100
63 74.6 69.2 103.8
154 82.1 53.3 79.9#

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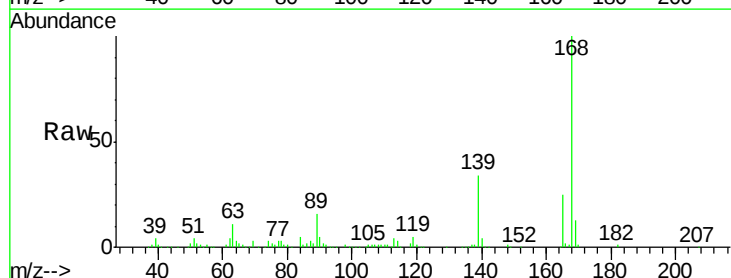


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

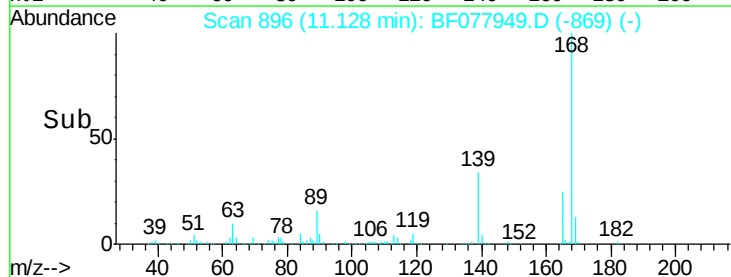
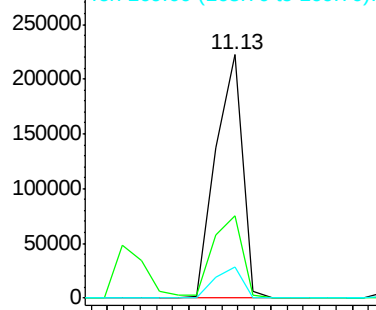


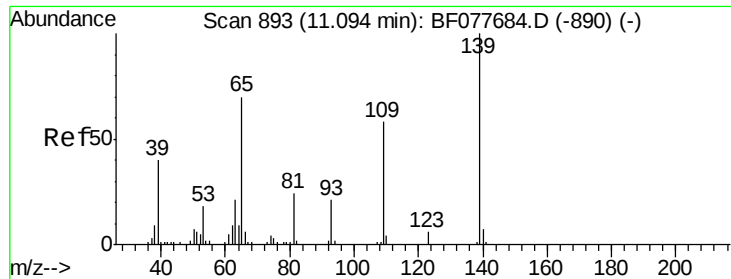
#54
Dibenzofuran
Concen: 29.43 ng
RT: 11.13 min Scan# 896
Delta R.T. 0.01 min
Lab File: BF077949.D
Acq: 25 Mar 2015 11:14

Tgt Ion:168 Resp: 252605
Ion Ratio Lower Upper
168 100
139 33.9 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





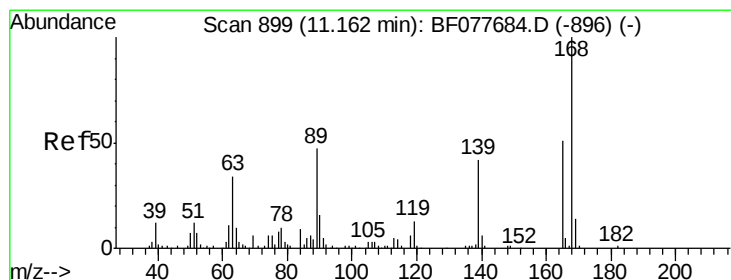
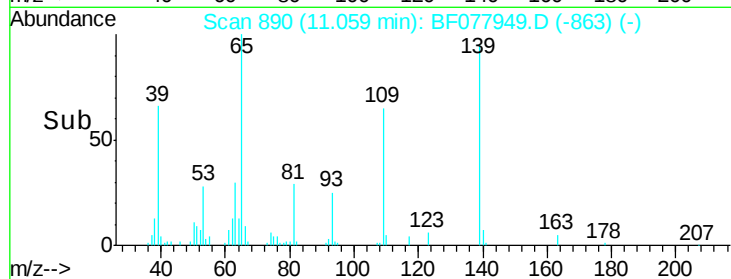
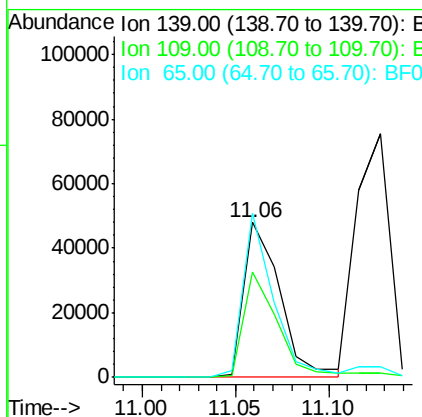
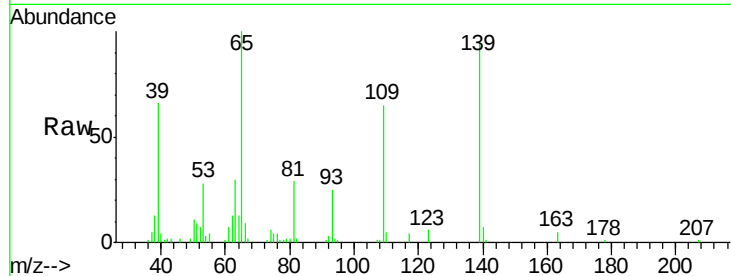
#55
4-Nitrophenol
Concen: 52.61 ng
RT: 11.06 min Scan# 890
Delta R.T. 0.01 min
Lab File: BF077949.D
Acq: 25 Mar 2015 11:14

Instrument :
BNA_F
ClientSampleID :
SB-14MS

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	65009		
109	68.3	37.7	77.7	
65	105.8	49.9	89.9#	

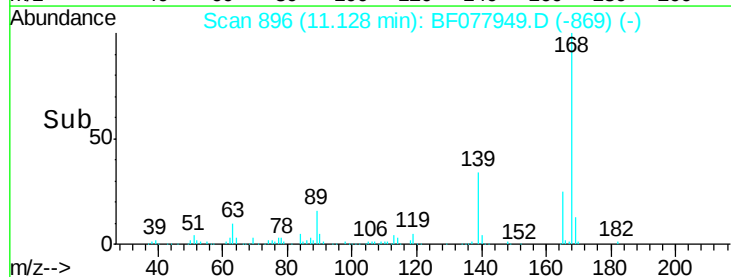
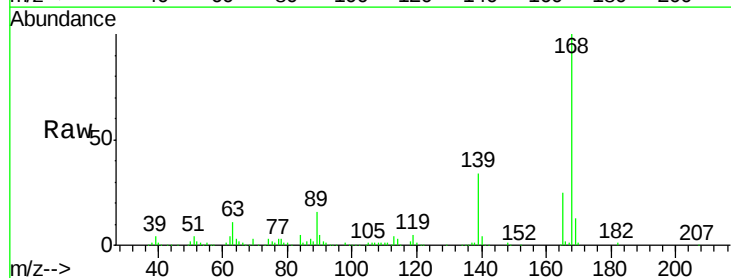
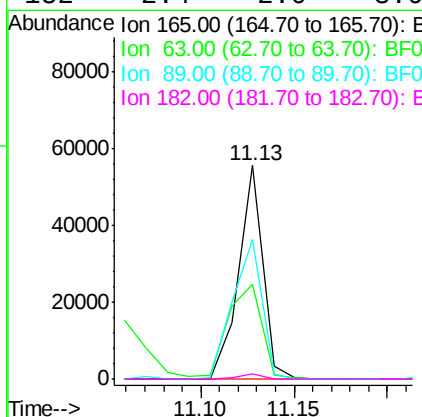
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#56
2,4-Dinitrotoluene
Concen: 27.08 ng
RT: 11.13 min Scan# 896
Delta R.T. 0.01 min
Lab File: BF077949.D
Acq: 25 Mar 2015 11:14

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	50728		
63	44.1	52.4	78.6#	
89	65.3	72.4	108.6#	
182	2.4	2.0	3.0	





#57

Fluorene

Concen: 29.03 ng

RT: 11.55 min Scan# 933

Delta R.T. 0.01 min

Lab File: BF077949.D

Acq: 25 Mar 2015 11:14

Instrument :

BNA_F

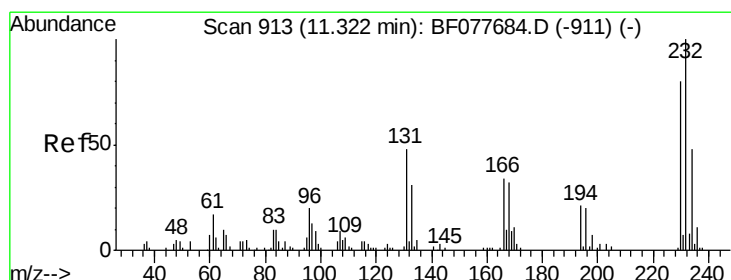
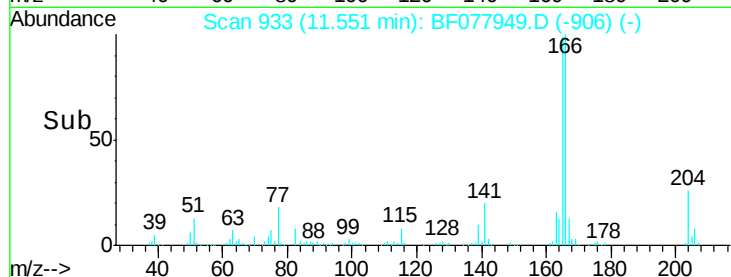
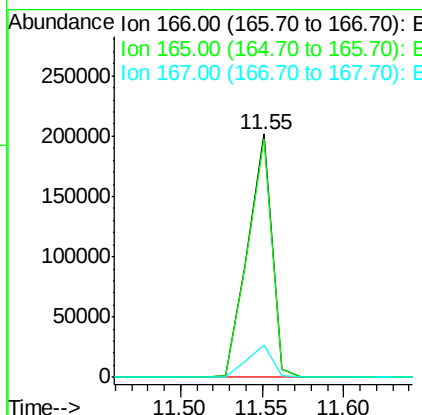
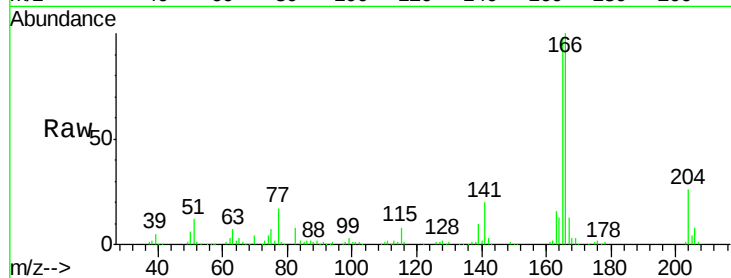
ClientSampleId :

SB-14MS

Tgt Ion:	166	Resp:	206907
Ion Ratio		Lower	Upper
166	100		
165	98.2	79.0	118.4
167	13.1	10.3	15.5

Manual Integrations
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#58

2,3,4,6-Tetrachlorophenol

Concen: 29.67 ng

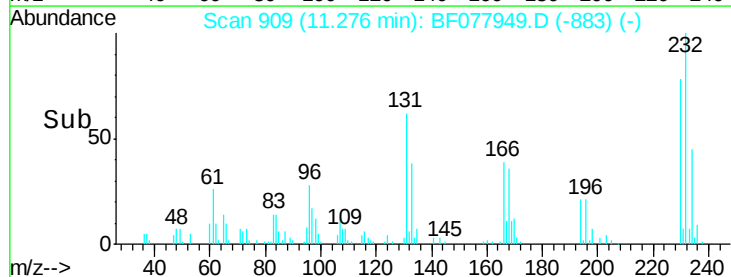
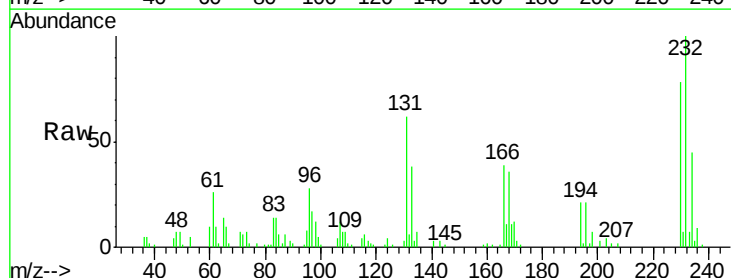
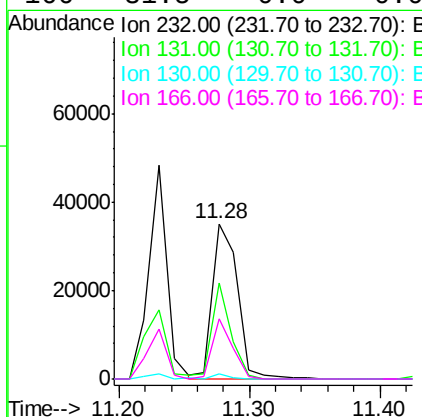
RT: 11.28 min Scan# 909

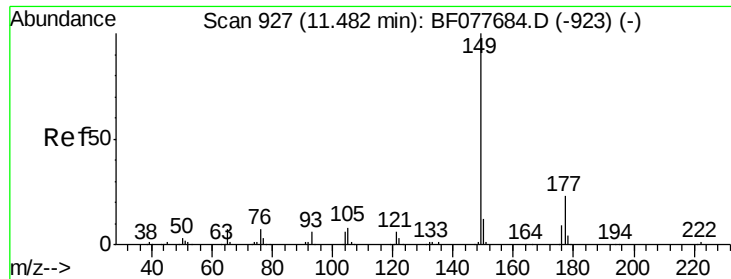
Delta R.T. -0.00 min

Lab File: BF077949.D

Acq: 25 Mar 2015 11:14

Tgt Ion:	232	Resp:	47640
Ion Ratio		Lower	Upper
232	100		
131	46.5	0.0	0.0#
130	2.0	0.0	0.0#
166	31.5	0.0	0.0#





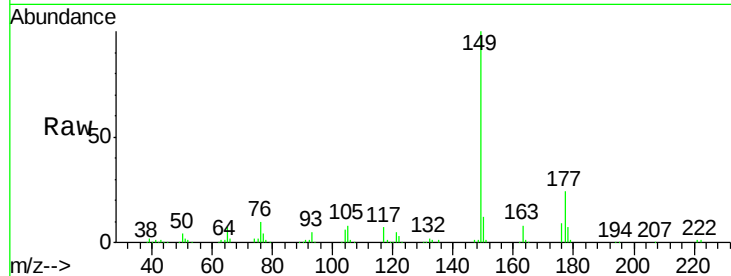
#59
Diethylphthalate
Concen: 30.24 ng
RT: 11.44 min Scan# 923
Delta R.T. 0.01 min
Lab File: BF077949.D
Acq: 25 Mar 2015 11:14

Instrument :
BNA_F
ClientSampleId :
SB-14MS

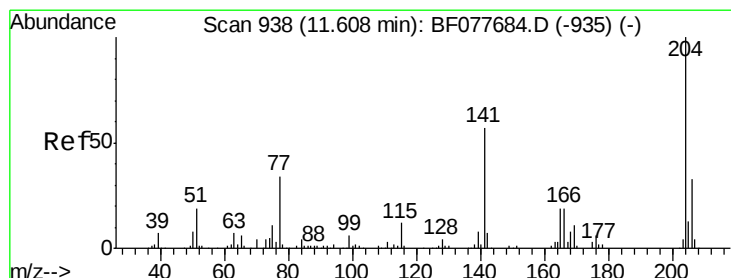
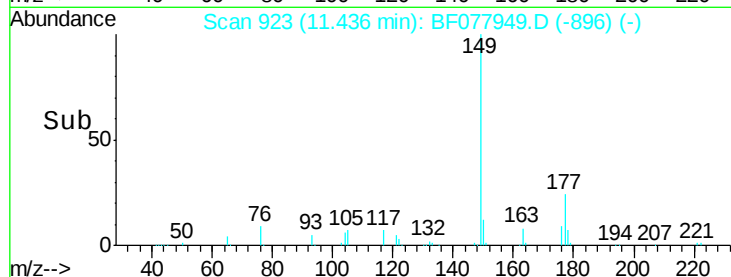
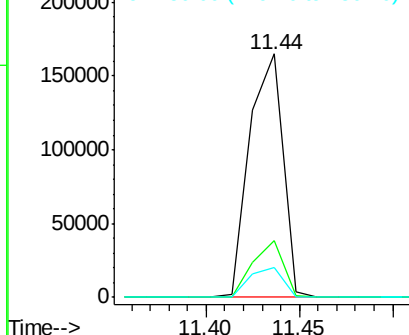
Tgt Ion	Ratio	Resp	Lower	Upper
149	100	204206		
177	23.5	18.3	27.5	
150	12.1	9.8	14.8	

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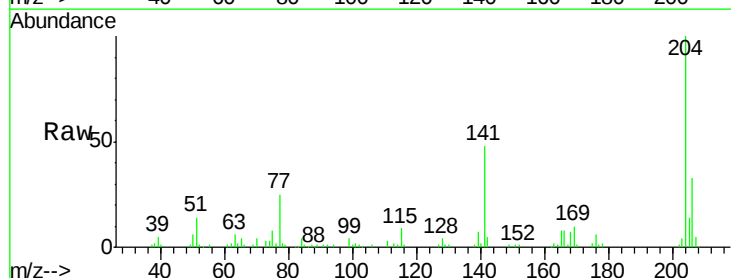


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

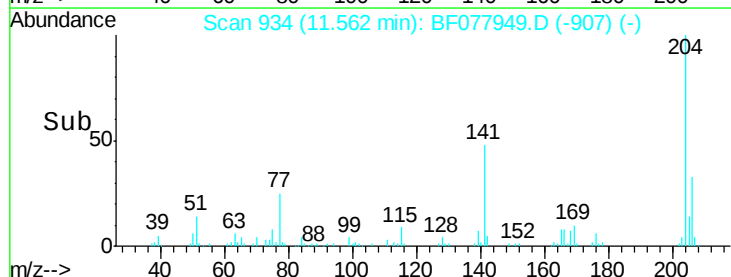
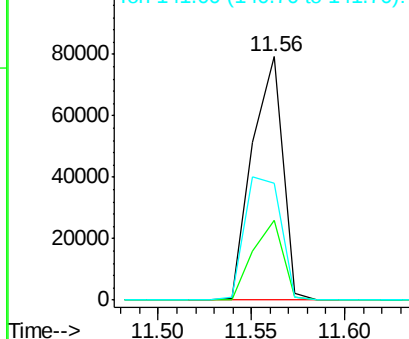


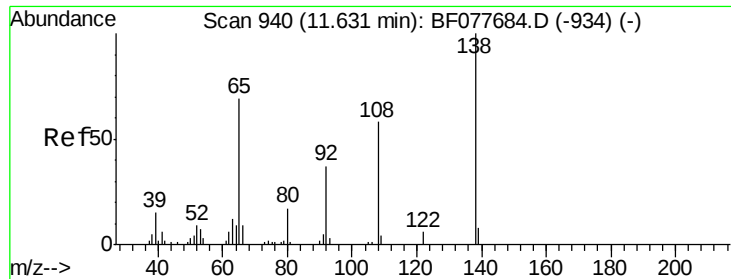
#60
4-Chlorophenyl-phenylether
Concen: 28.23 ng
RT: 11.56 min Scan# 934
Delta R.T. 0.01 min
Lab File: BF077949.D
Acq: 25 Mar 2015 11:14

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	91821		
206	33.0	26.6	39.8	
141	47.8	45.2	67.8	



Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E





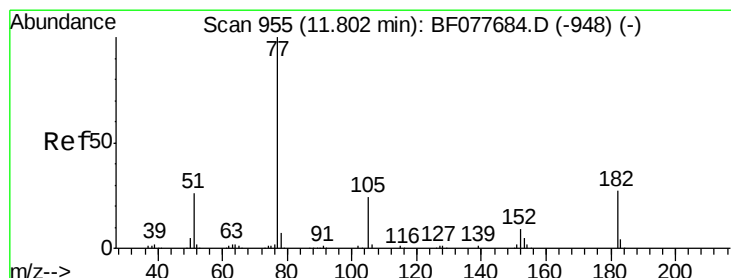
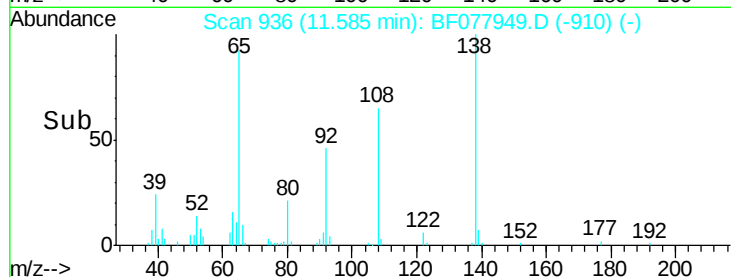
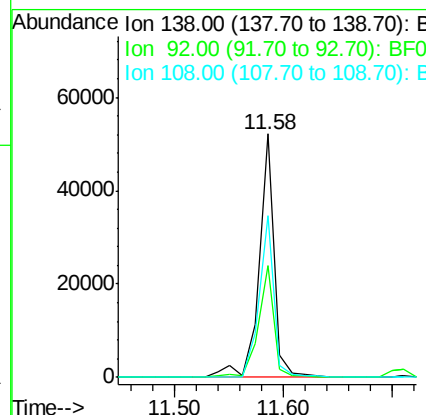
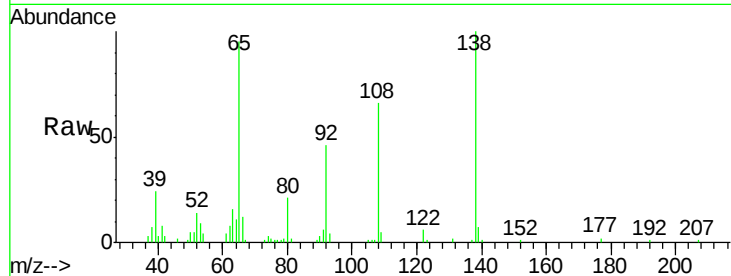
#61
4-Nitroaniline
Concen: 30.66 ng
RT: 11.58 min Scan# 936
Delta R.T. -0.00 min
Lab File: BF077949.D
Acq: 25 Mar 2015 11:14

Instrument :
BNA_F
ClientSampleId :
SB-14MS

Tgt Ion	Ratio	Lower	Upper
138	100		
92	45.7	16.7	56.7
108	66.4	37.6	77.6

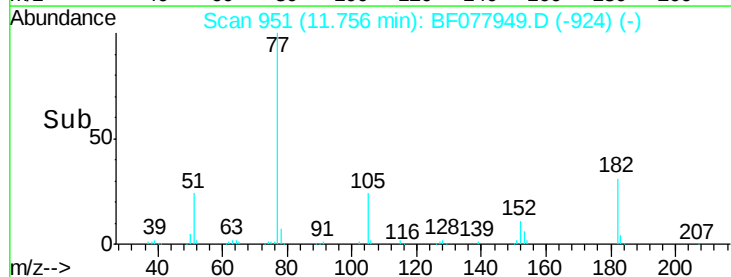
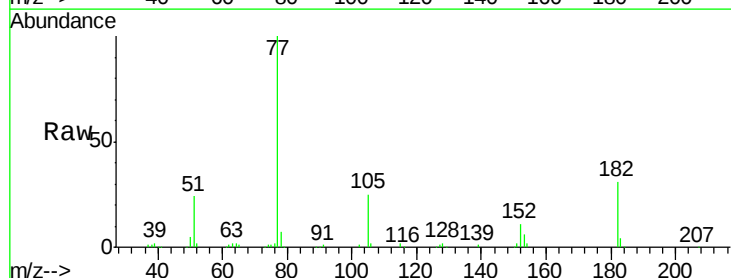
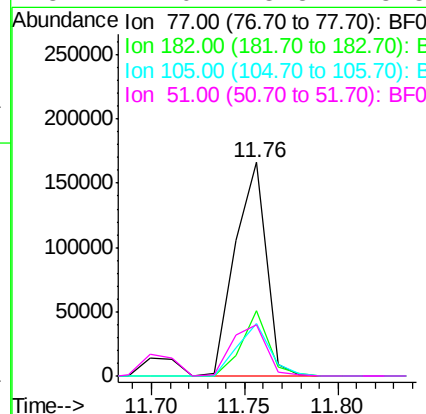
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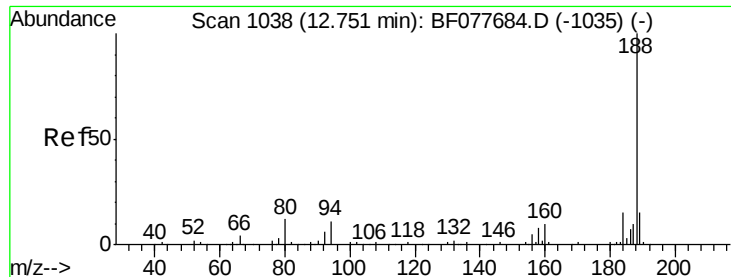
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#62
Azobenzene
Concen: 30.18 ng
RT: 11.76 min Scan# 951
Delta R.T. 0.01 min
Lab File: BF077949.D
Acq: 25 Mar 2015 11:14

Tgt Ion	Ratio	Lower	Upper
77	100		
182	30.6	6.5	46.5
105	24.6	3.8	43.8
51	24.0	5.5	45.5





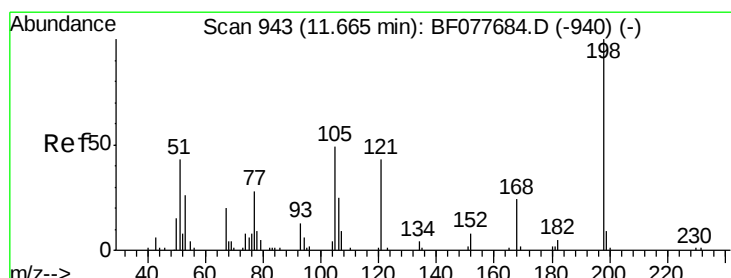
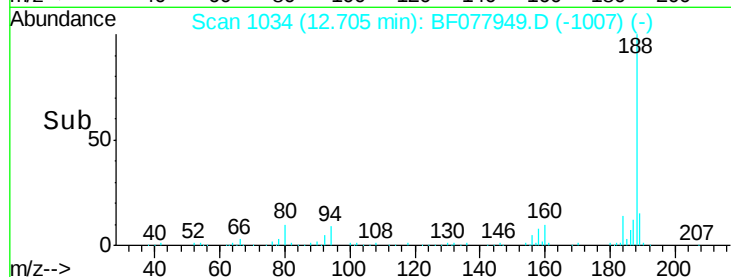
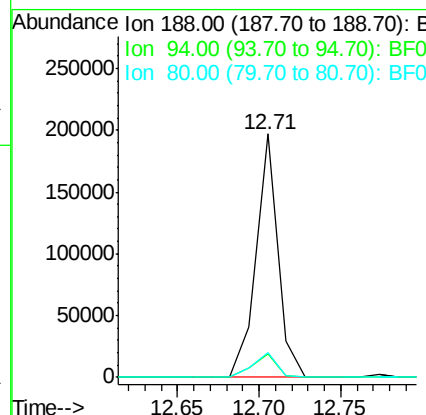
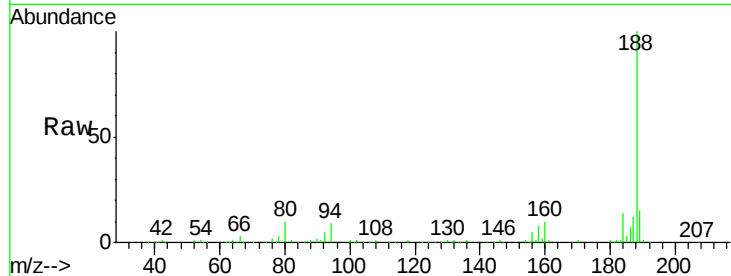
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.71 min Scan# 1034
Delta R.T. 0.01 min
Lab File: BF077949.D
Acq: 25 Mar 2015 11:14

Instrument :
BNA_F
ClientSampled :
SB-14MS

Tgt Ion	Ratio	Resp Lower	Resp Upper
188	100		
94	9.4	8.7	13.1
80	10.1	9.3	13.9

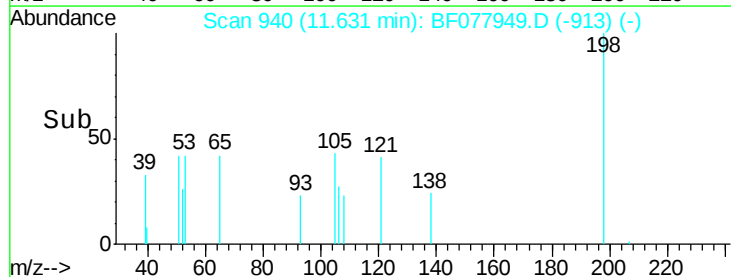
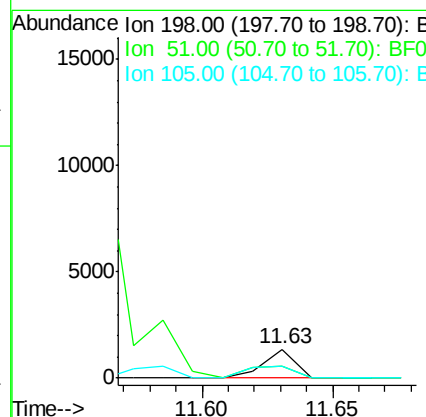
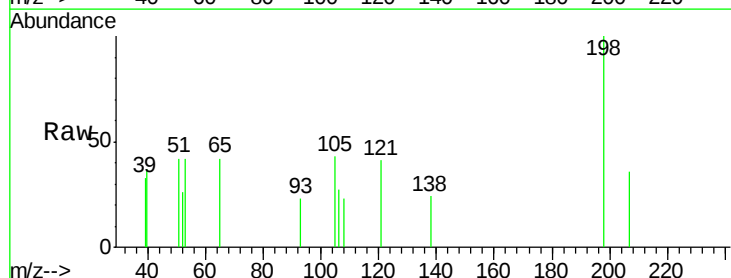
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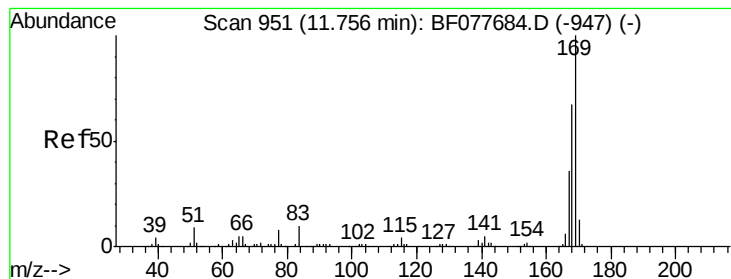
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#64
4,6-Dinitro-2-methylphenol
Concen: 5.50 ng
RT: 11.63 min Scan# 940
Delta R.T. 0.01 min
Lab File: BF077949.D
Acq: 25 Mar 2015 11:14

Tgt Ion	Ratio	Resp Lower	Resp Upper
198	100		
51	41.6	28.8	68.8
105	42.8	30.5	70.5





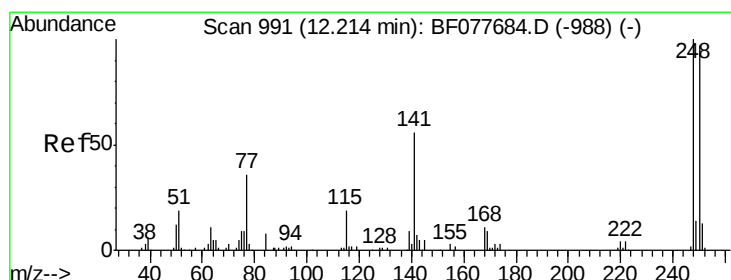
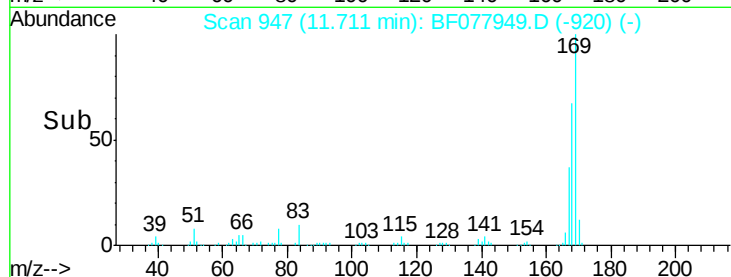
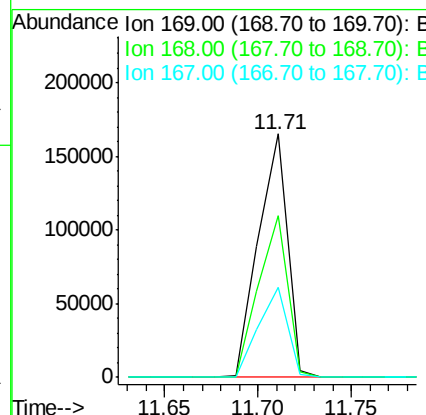
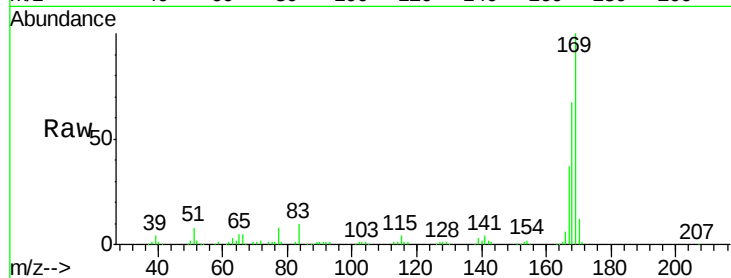
#65
n-Nitrosodiphenylamine
Concen: 29.02 ng
RT: 11.71 min Scan# 947
Delta R.T. 0.01 min
Lab File: BF077949.D
Acq: 25 Mar 2015 11:14

Instrument :
BNA_F
ClientSampleId :
SB-14MS

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	177940		
168	66.6	53.9	80.9	
167	37.2	28.9	43.3	

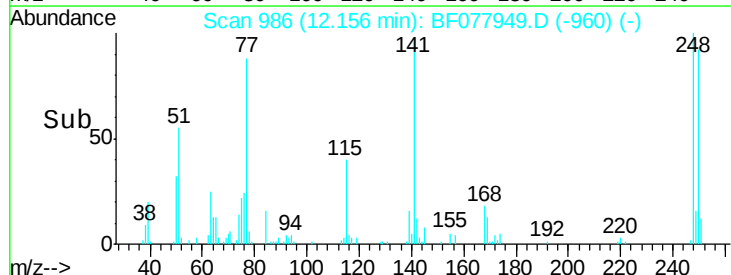
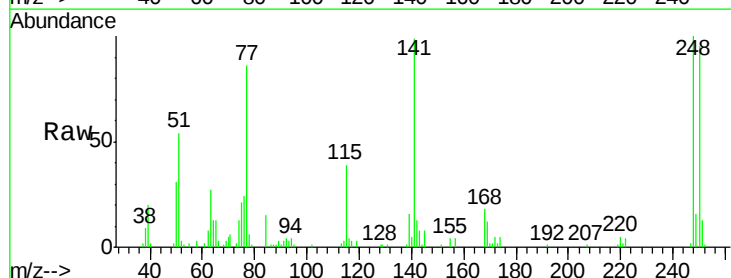
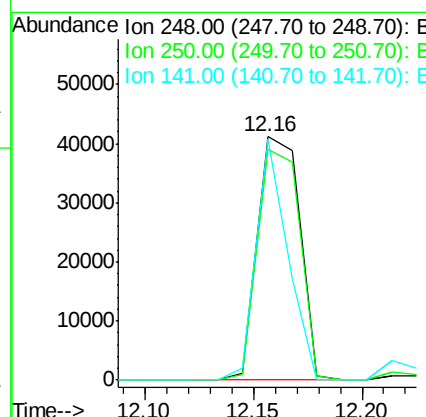
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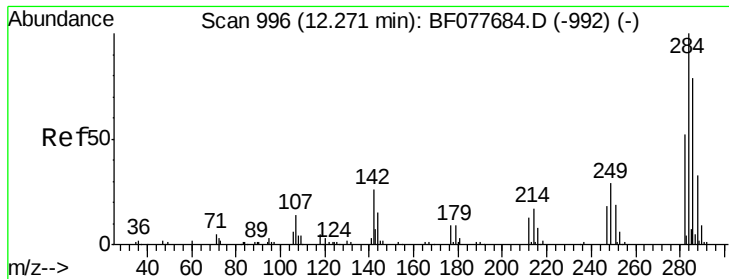
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#66
4-Bromophenyl-phenylether
Concen: 28.62 ng
RT: 12.16 min Scan# 986
Delta R.T. -0.00 min
Lab File: BF077949.D
Acq: 25 Mar 2015 11:14

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	56236		
250	94.8	77.4	116.0	
141	98.8	45.2	67.8	





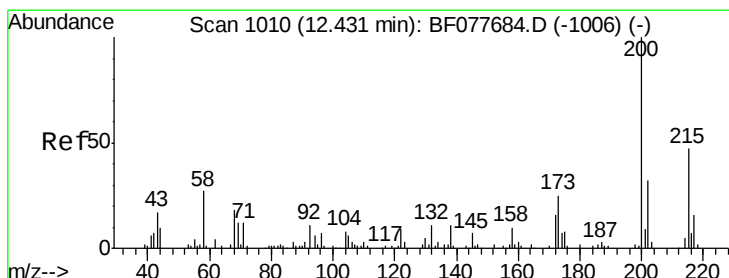
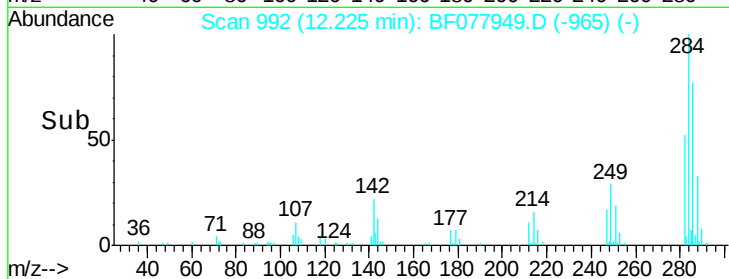
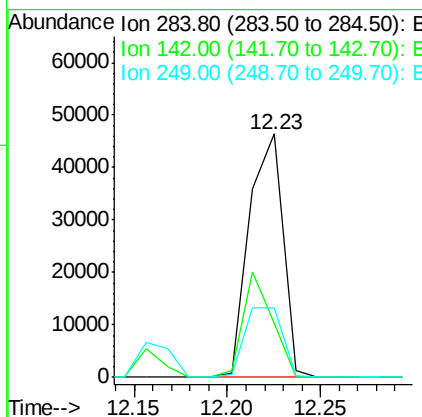
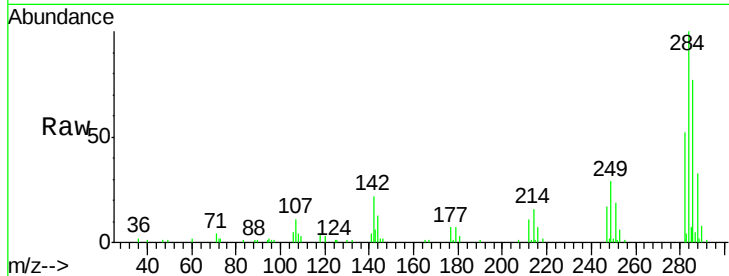
#67
Hexachlorobenzene
Concen: 26.83 ng
RT: 12.23 min Scan# 992
Delta R.T. 0.01 min
Lab File: BF077949.D
Acq: 25 Mar 2015 11:14

Instrument :
BNA_F
ClientSampleId :
SB-14MS

Tgt Ion	Ratio	Resp	Lower	Upper
284	100	57930		
142	22.0		20.4	30.6
249	28.6		23.8	35.6

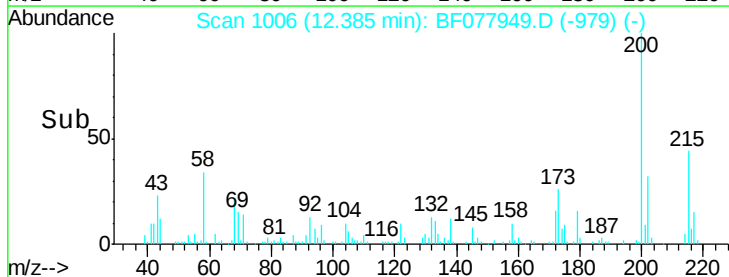
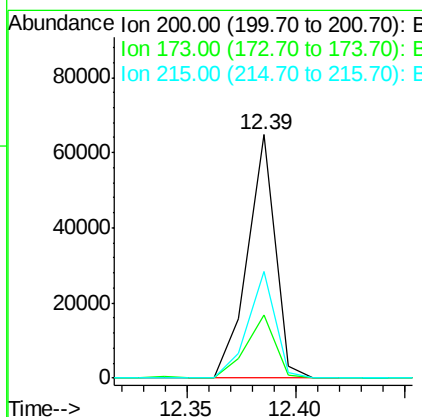
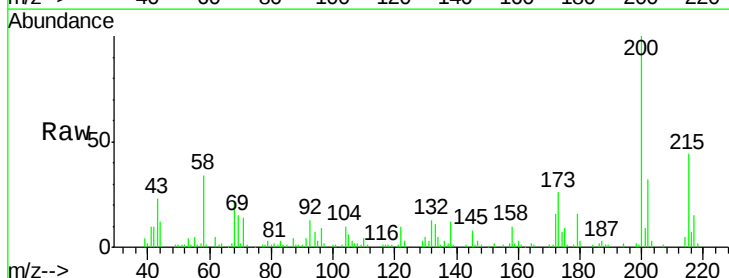
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#68
Atrazine
Concen: 33.45 ng
RT: 12.39 min Scan# 1006
Delta R.T. 0.01 min
Lab File: BF077949.D
Acq: 25 Mar 2015 11:14

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	57474		
173	25.9		4.8	44.8
215	44.0		26.9	66.9





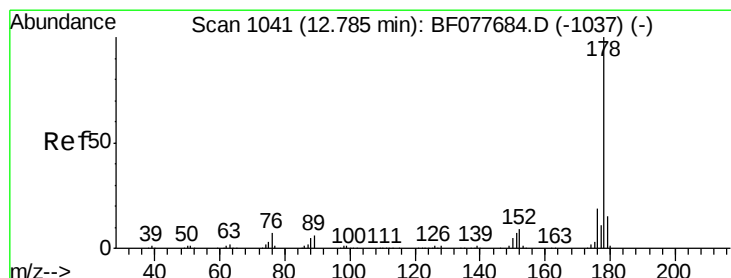
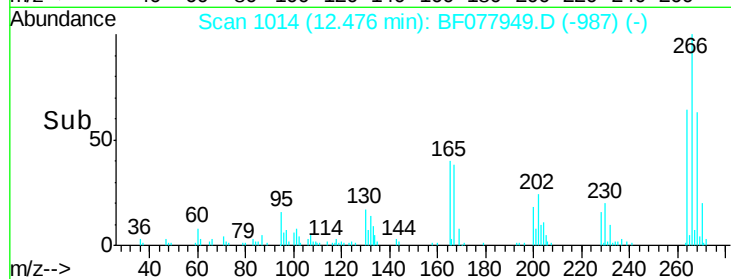
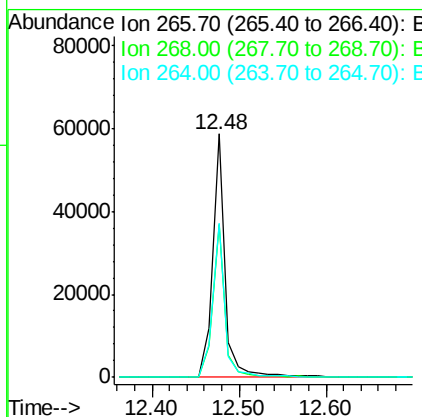
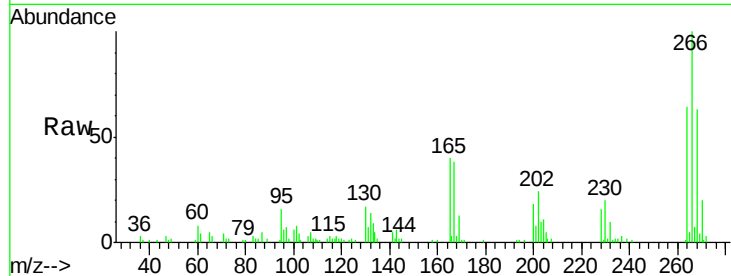
#69
 Pentachlorophenol
 Concen: 53.56 ng
 RT: 12.48 min Scan# 1014
 Delta R.T. 0.01 min
 Lab File: BF077949.D
 Acq: 25 Mar 2015 11:14

Instrument :
 BNA_F
 ClientSampleId :
 SB-14MS

Tgt Ion	Ratio	Lower	Upper
266	100		
268	62.8	52.0	78.0
264	63.5	49.0	73.4

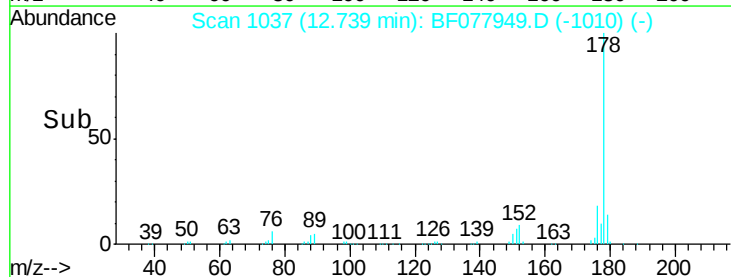
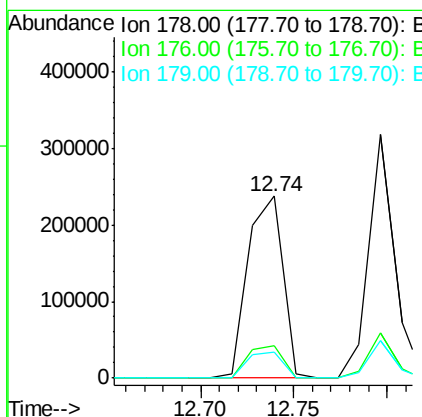
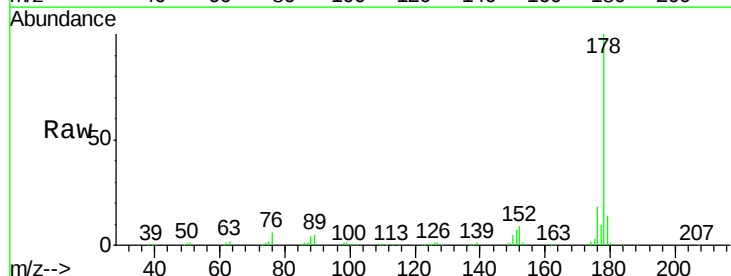
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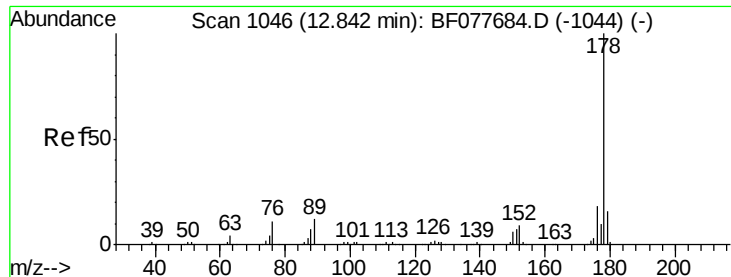
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#70
 Phenanthrene
 Concen: 29.05 ng
 RT: 12.74 min Scan# 1037
 Delta R.T. 0.01 min
 Lab File: BF077949.D
 Acq: 25 Mar 2015 11:14

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.1	15.2	22.8
179	14.4	12.1	18.1





#71

Anthracene

Concen: 28.87 ng

RT: 12.80 min Scan# 1042

Delta R.T. -0.00 min

Lab File: BF077949.D

Acq: 25 Mar 2015 11:14

Instrument :

BNA_F

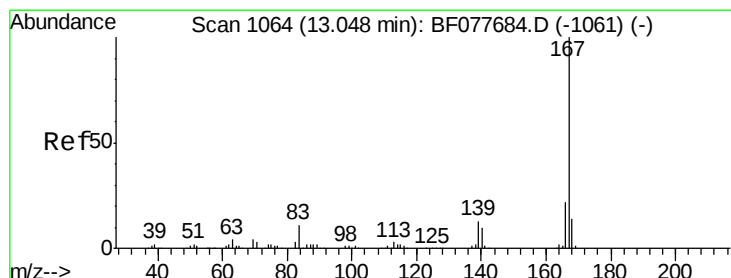
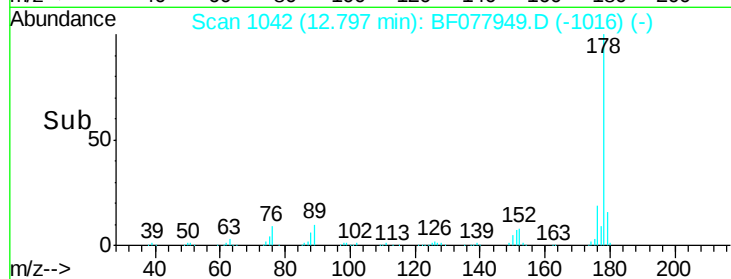
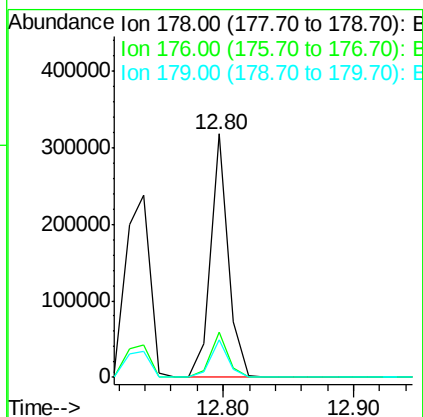
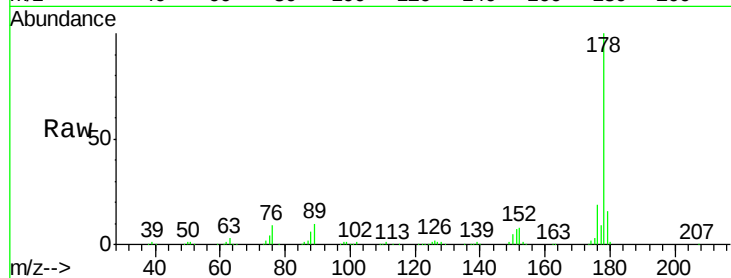
ClientSampleId :

SB-14MS

Tgt Ion:	178	Resp:	301508
Ion Ratio		Lower	Upper
178	100		
176	18.6	14.6	22.0
179	15.5	12.6	19.0

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#72

Carbazole

Concen: 29.06 ng

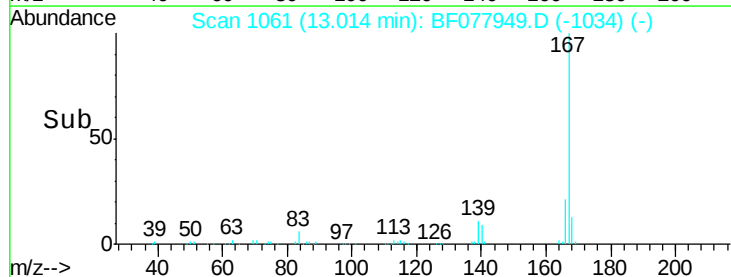
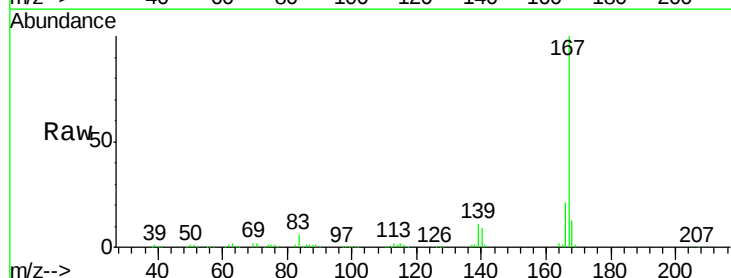
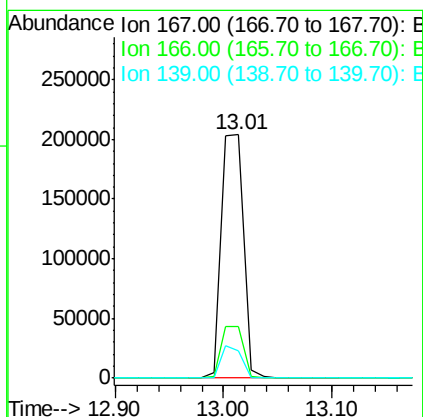
RT: 13.01 min Scan# 1061

Delta R.T. 0.01 min

Lab File: BF077949.D

Acq: 25 Mar 2015 11:14

Tgt Ion:	167	Resp:	288697
Ion Ratio		Lower	Upper
167	100		
166	21.0	17.2	25.8
139	11.1	10.8	16.2





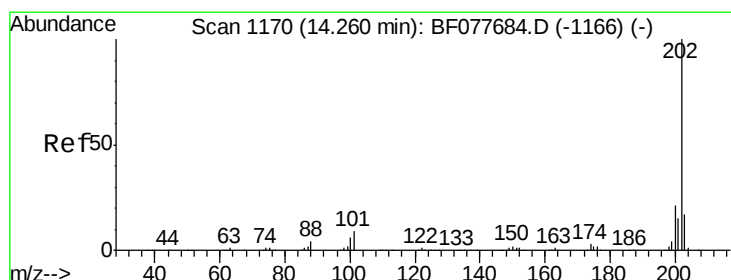
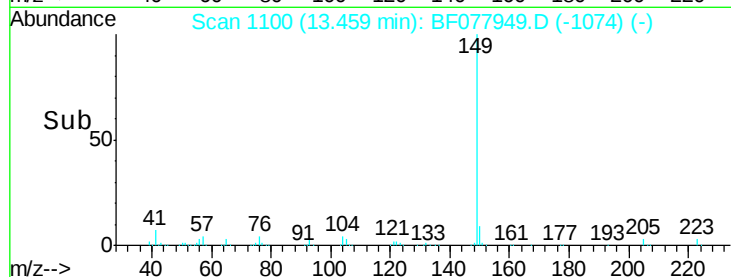
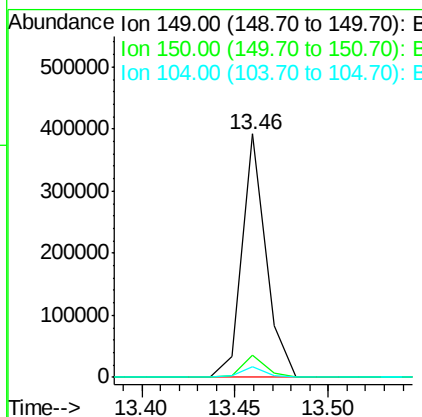
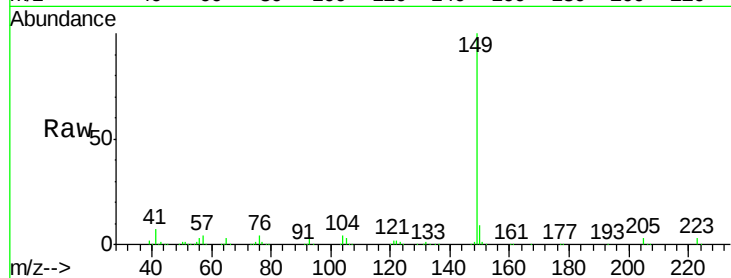
#73
Di-n-butylphthalate
Concen: 31.46 ng
RT: 13.46 min Scan# 1100
Delta R.T. -0.00 min
Lab File: BF077949.D
Acq: 25 Mar 2015 11:14

Instrument :
BNA_F
ClientSampleId :
SB-14MS

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	350422		
150	9.1	7.5	11.3	
104	4.5	3.7	5.5	

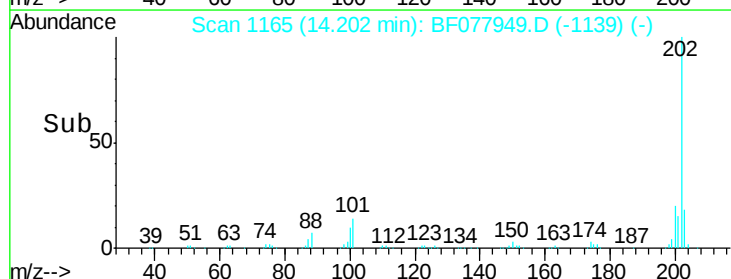
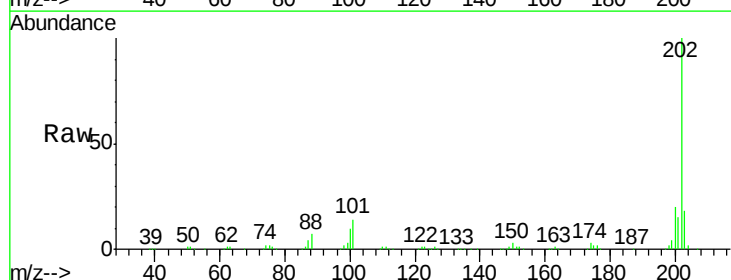
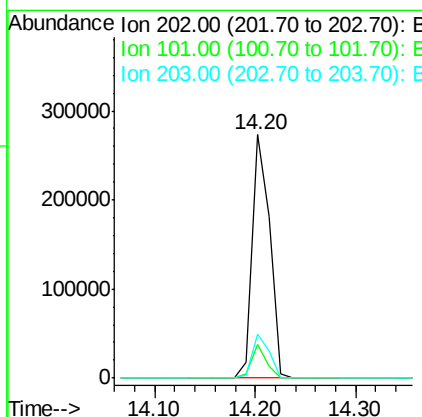
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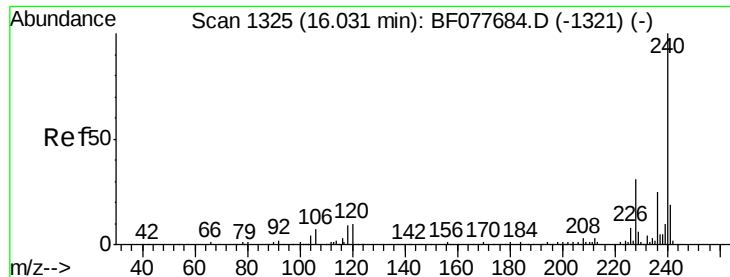
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#74
Fluoranthene
Concen: 28.31 ng
RT: 14.20 min Scan# 1165
Delta R.T. -0.00 min
Lab File: BF077949.D
Acq: 25 Mar 2015 11:14

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	330096		
101	14.0	0.0	28.7	
203	17.8	0.0	37.2	





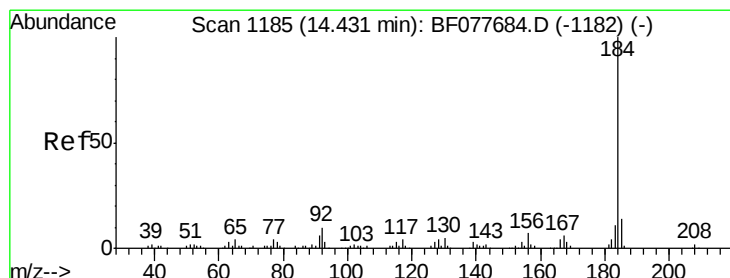
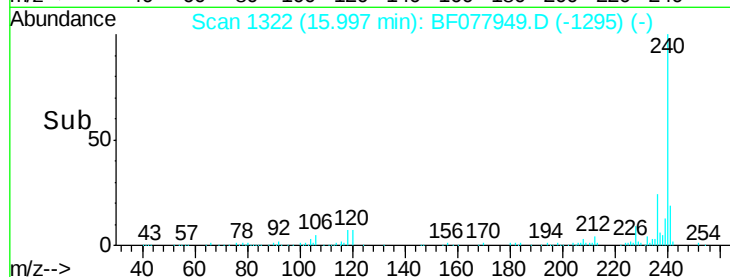
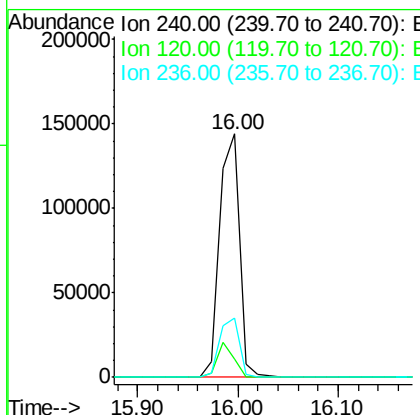
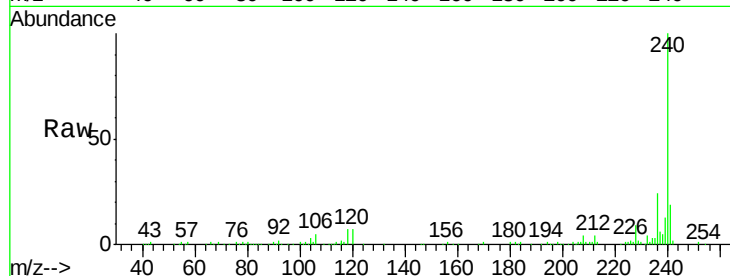
#75
Chrysene-d12
Concen: 20.00 ng
RT: 16.00 min Scan# 1322
Delta R.T. 0.01 min
Lab File: BF077949.D
Acq: 25 Mar 2015 11:14

Instrument :
BNA_F
ClientSampleId :
SB-14MS

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	198058		
120	7.5	8.2	12.2	#
236	24.3	20.0	30.0	

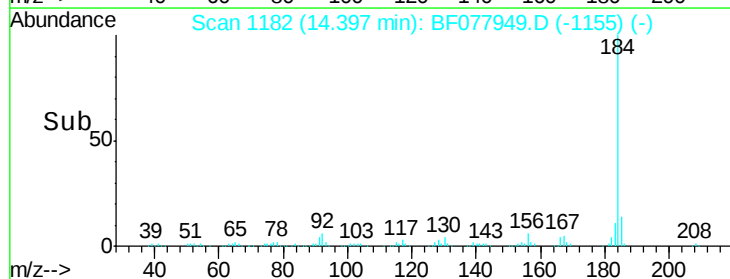
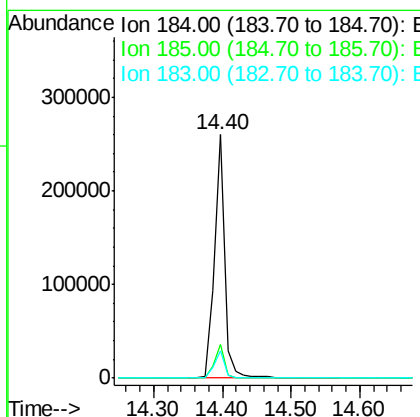
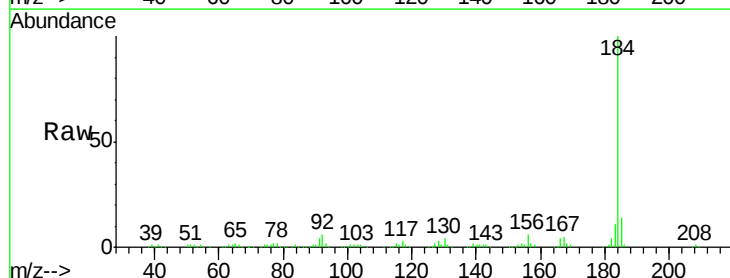
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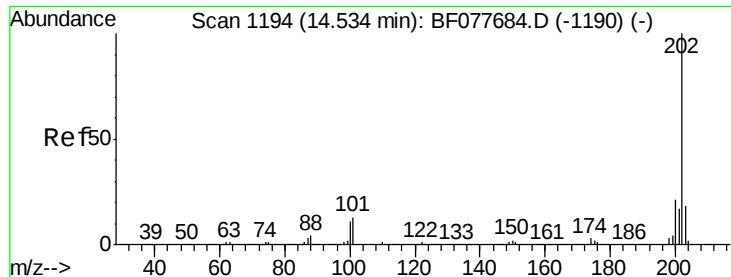
mohammad
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#76
Benzidine
Concen: 56.88 ng
RT: 14.40 min Scan# 1182
Delta R.T. 0.01 min
Lab File: BF077949.D
Acq: 25 Mar 2015 11:14

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	277629		
185	13.7	11.3	16.9	
183	11.1	8.9	13.3	





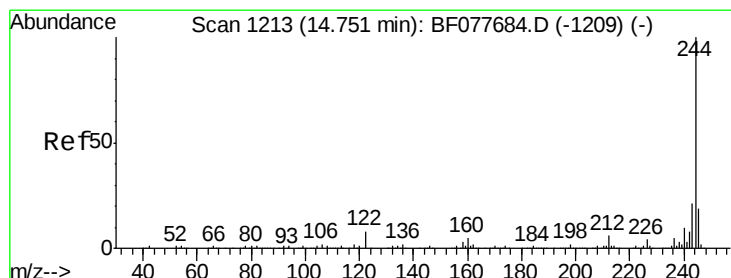
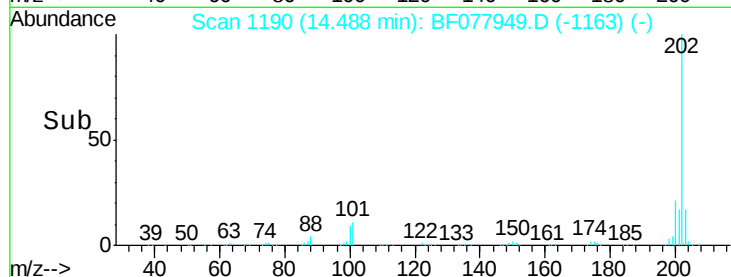
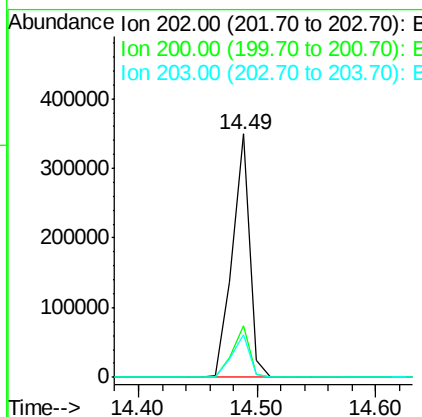
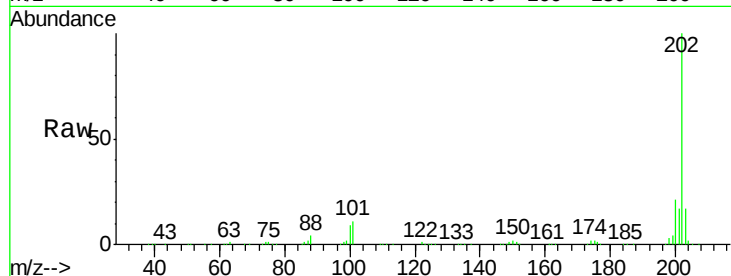
#77
 Pyrene
 Concen: 28.38 ng
 RT: 14.49 min Scan# 1190
 Delta R.T. 0.01 min
 Lab File: BF077949.D
 Acq: 25 Mar 2015 11:14

Instrument :
 BNA_F
 ClientSampleId :
 SB-14MS

Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
200	21.2	16.9	25.3
203	17.5	14.1	21.1

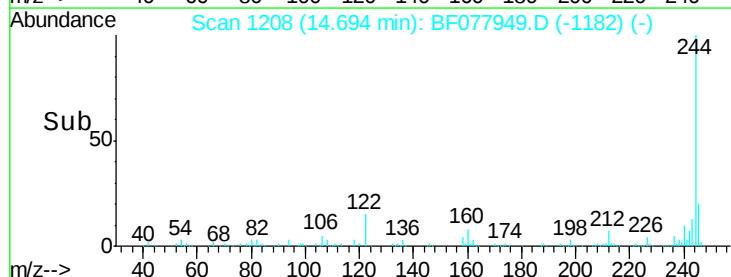
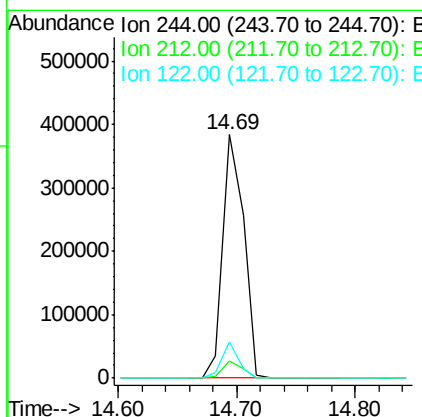
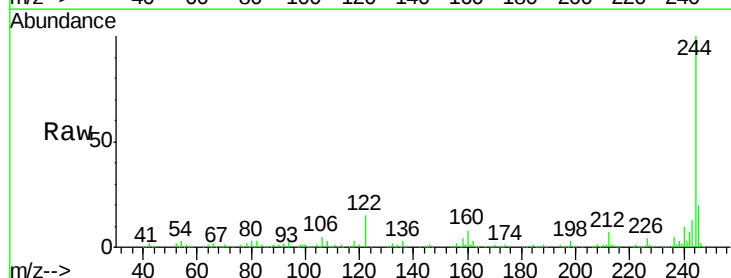
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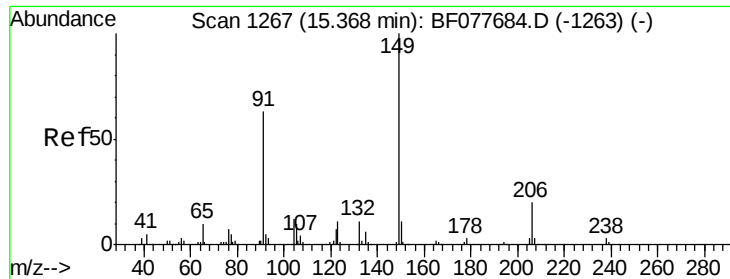
mohammad
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#78
 Terphenyl-d14
 Concen: 57.70 ng
 RT: 14.69 min Scan# 1208
 Delta R.T. -0.00 min
 Lab File: BF077949.D
 Acq: 25 Mar 2015 11:14

Tgt Ion	Ratio	Resp Lower	Resp Upper
244	100		
212	7.1	4.9	7.3
122	15.1	6.2	9.4





#79

Butylbenzylphthalate

Concen: 31.80 ng

RT: 15.32 min Scan# 1263

Delta R.T. 0.01 min

Lab File: BF077949.D

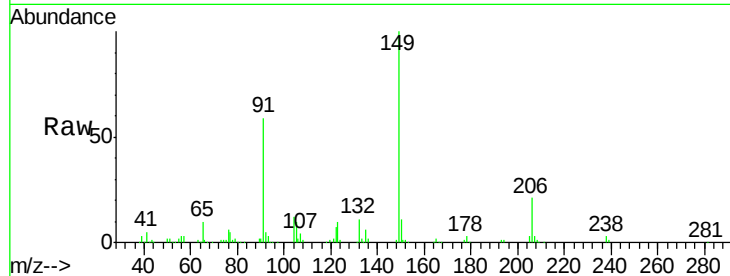
Acq: 25 Mar 2015 11:14

Instrument :

BNA_F

ClientSampleId :

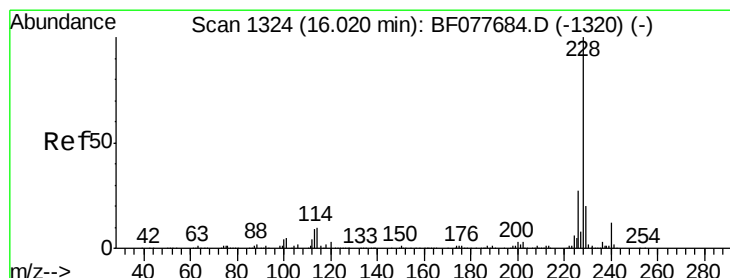
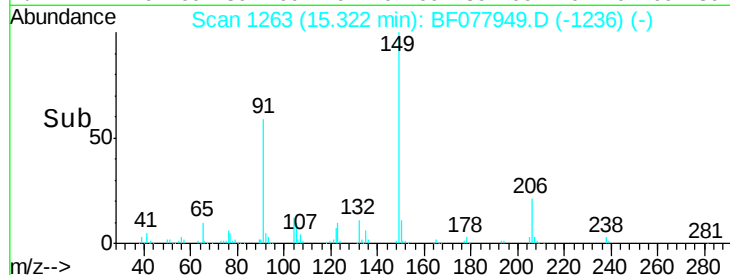
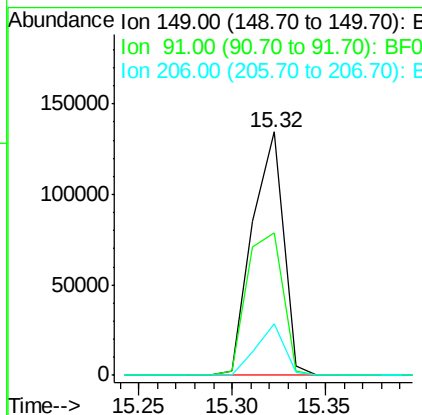
SB-14MS



Tgt Ion:	149	Resp:	156131
Ion Ratio	Lower	Upper	
149	100		
91	58.8	50.1	75.1
206	20.9	16.2	24.2

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#80

Benzo(a)anthracene

Concen: 28.69 ng

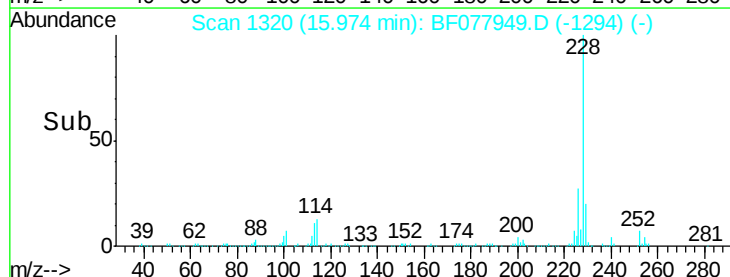
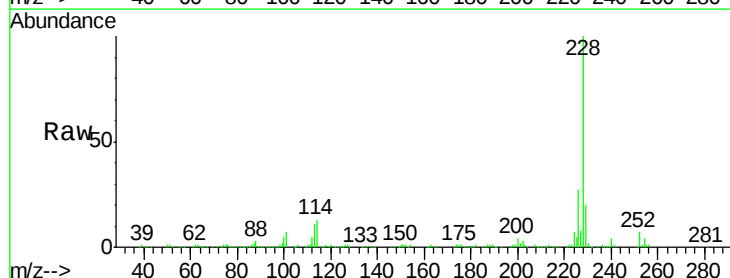
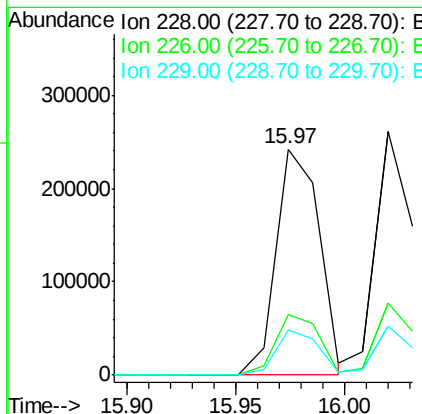
RT: 15.97 min Scan# 1320

Delta R.T. -0.00 min

Lab File: BF077949.D

Acq: 25 Mar 2015 11:14

Tgt Ion:	228	Resp:	336861
Ion Ratio	Lower	Upper	
228	100		
226	27.0	21.7	32.5
229	20.1	16.0	24.0





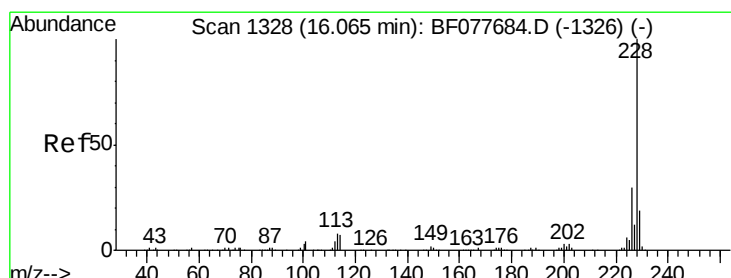
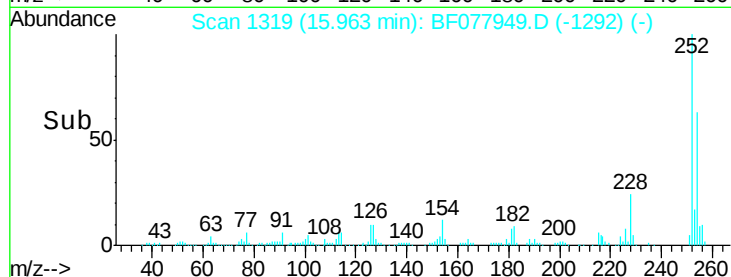
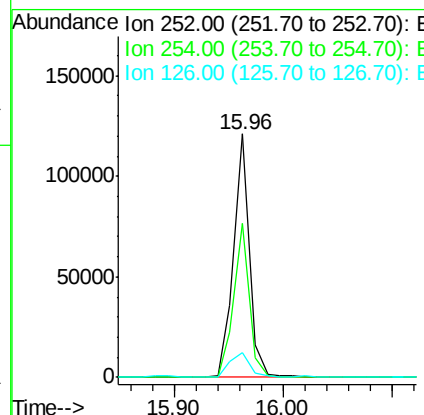
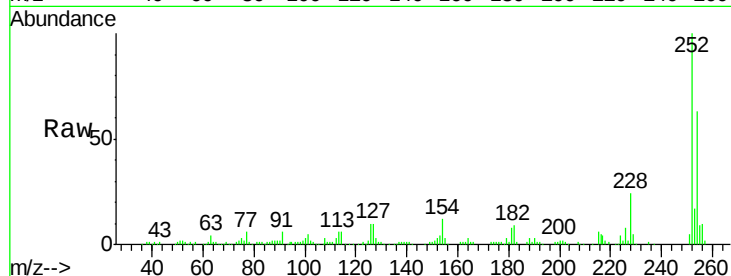
#81
 3,3'-Dichlorobenzidine
 Concen: 31.38 ng
 RT: 15.96 min Scan# 1319
 Delta R.T. 0.01 min
 Lab File: BF077949.D
 Acq: 25 Mar 2015 11:14

Instrument :
 BNA_F
 ClientSampleId :
 SB-14MS

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	121542		
254	63.1	51.9	77.9	
126	10.4	9.8	14.8	

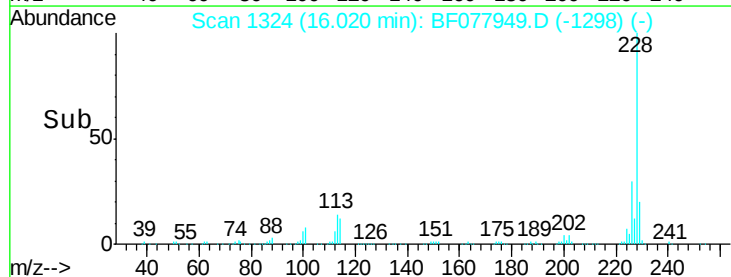
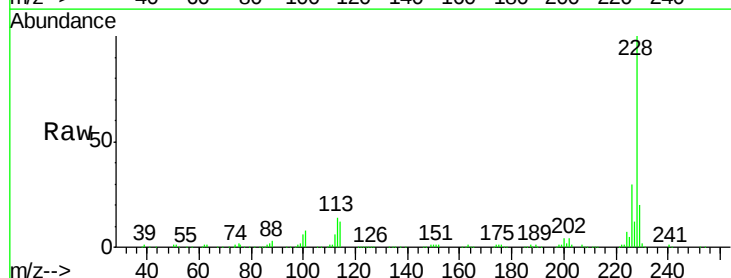
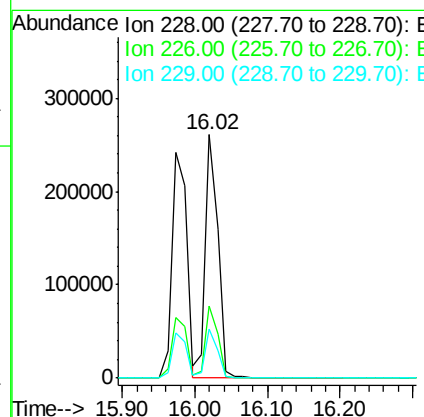
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#82
 Chrysene
 Concen: 29.98 ng
 RT: 16.02 min Scan# 1324
 Delta R.T. -0.00 min
 Lab File: BF077949.D
 Acq: 25 Mar 2015 11:14

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	316474		
226	29.8	24.1	36.1	
229	20.3	15.5	23.3	





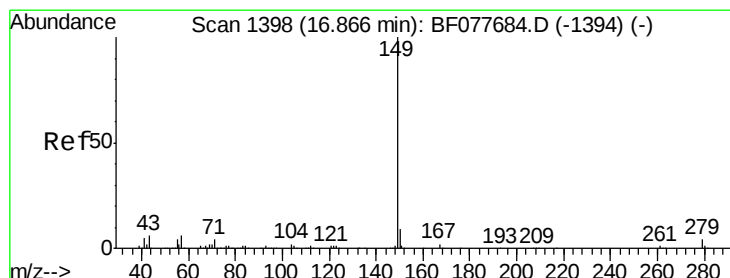
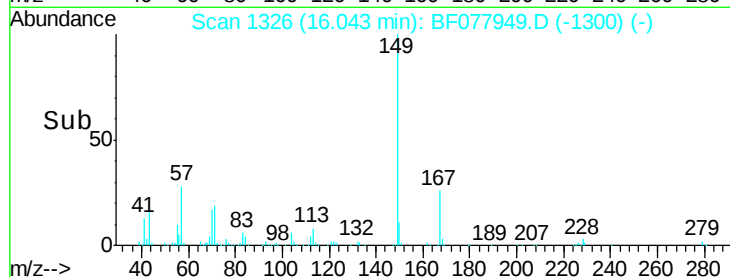
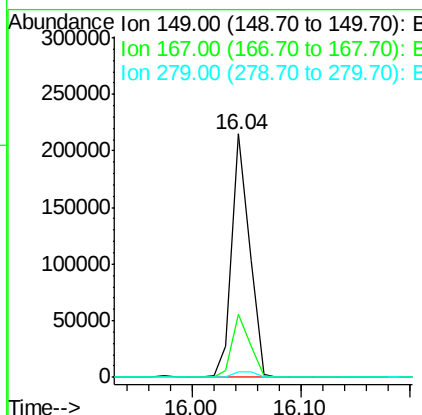
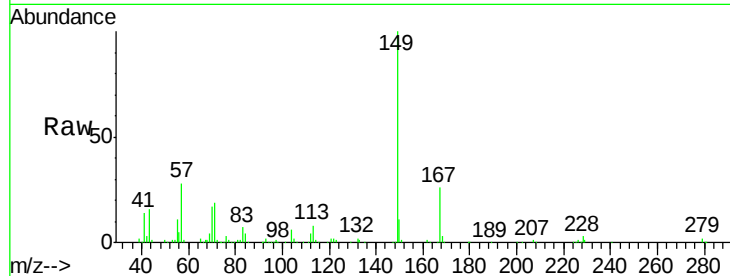
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 32.50 ng
 RT: 16.04 min Scan# 1326
 Delta R.T. -0.00 min
 Lab File: BF077949.D
 Acq: 25 Mar 2015 11:14

Instrument :
 BNA_F
 ClientSampleId :
 SB-14MS

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	241712		
167	26.1	22.4	33.6	
279	2.3	3.4	5.0	

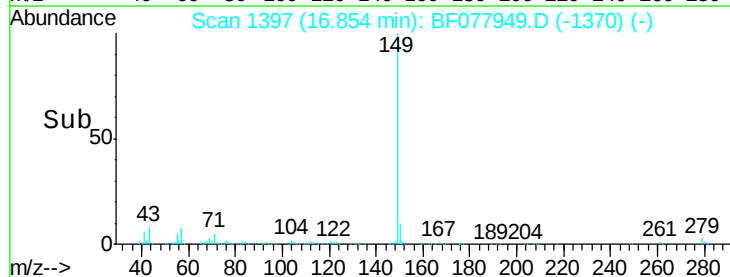
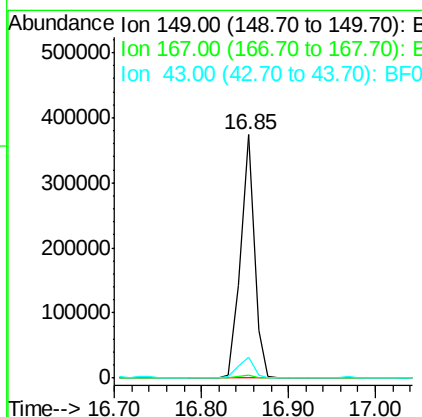
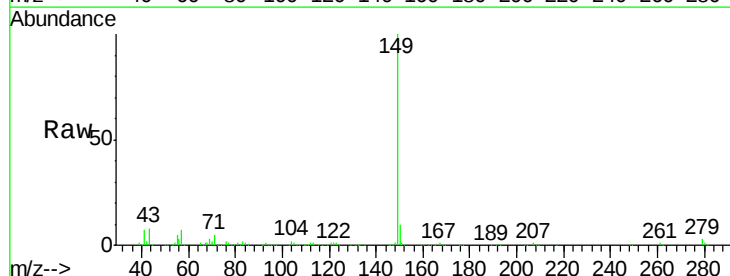
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#84
 Di-n-octyl phthalate
 Concen: 32.58 ng
 RT: 16.85 min Scan# 1397
 Delta R.T. 0.01 min
 Lab File: BF077949.D
 Acq: 25 Mar 2015 11:14

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	414405		
167	1.5	1.2	1.8	
43	8.9	7.3	10.9	





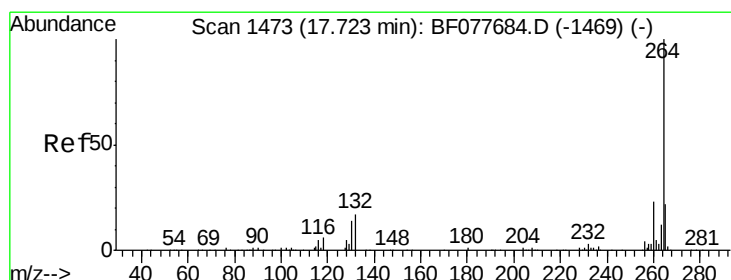
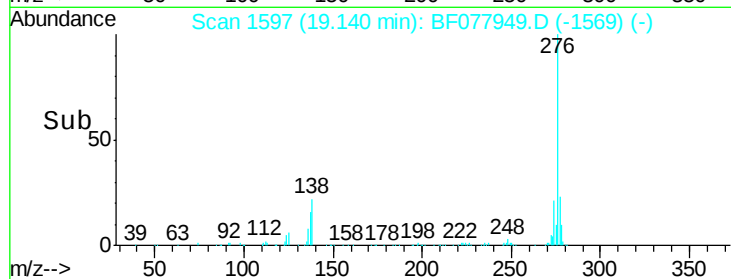
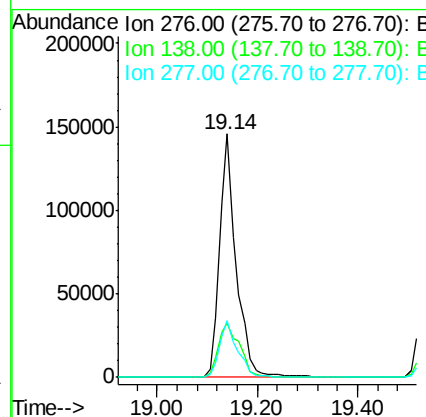
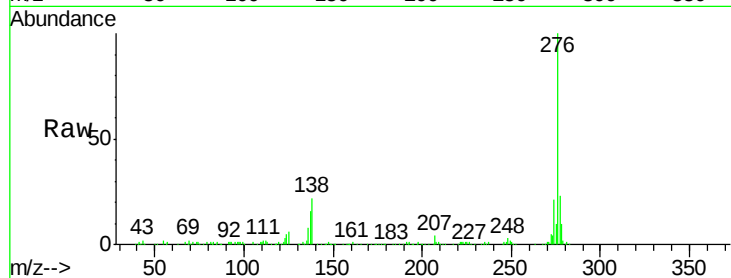
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 25.35 ng
 RT: 19.14 min Scan# 1597
 Delta R.T. 0.02 min
 Lab File: BF077949.D
 Acq: 25 Mar 2015 11:14

Instrument :
 BNA_F
 ClientSampleId :
 SB-14MS

Tgt Ion	Ratio	Resp Lower	Resp Upper
276	100		
138	29.0	0.0	0.0#
277	25.4	0.0	0.0#

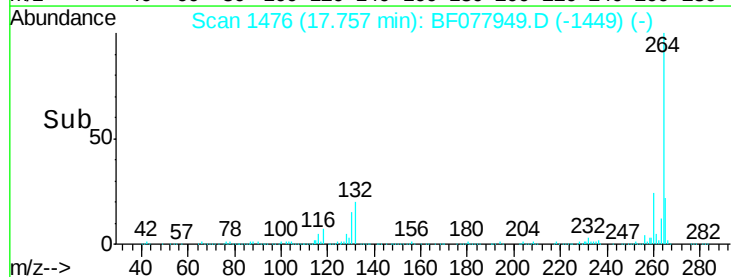
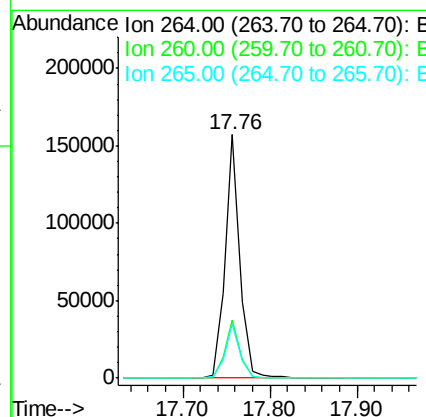
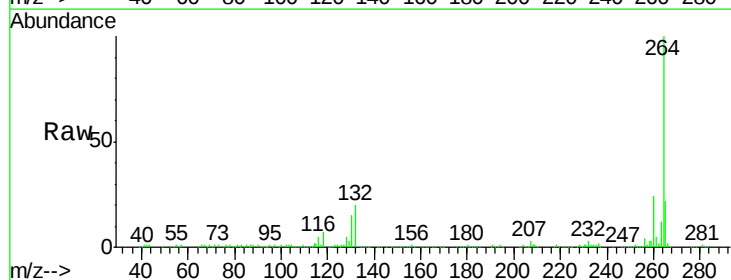
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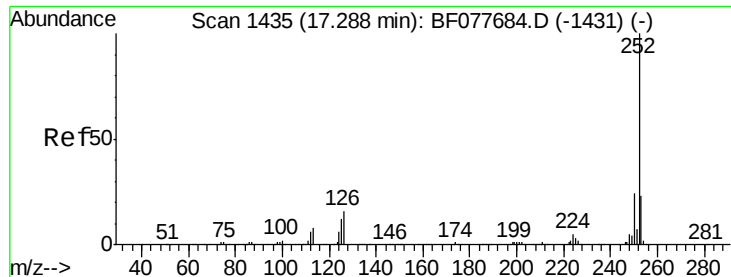
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#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 17.76 min Scan# 1476
 Delta R.T. 0.01 min
 Lab File: BF077949.D
 Acq: 25 Mar 2015 11:14

Tgt Ion	Ratio	Resp Lower	Resp Upper
264	100		
260	24.0	18.6	27.8
265	22.2	17.3	25.9





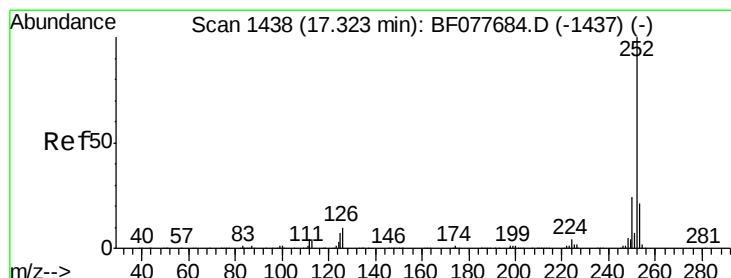
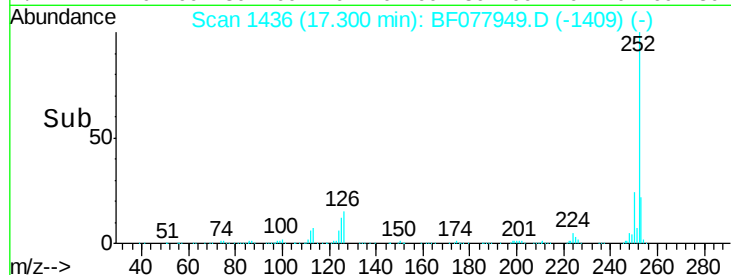
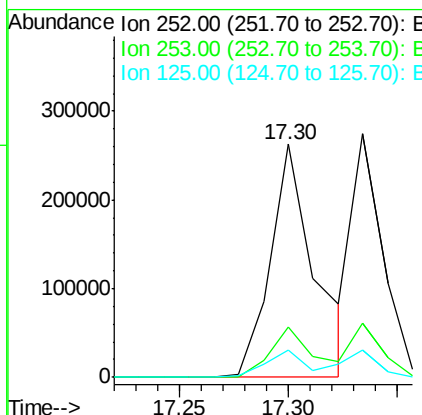
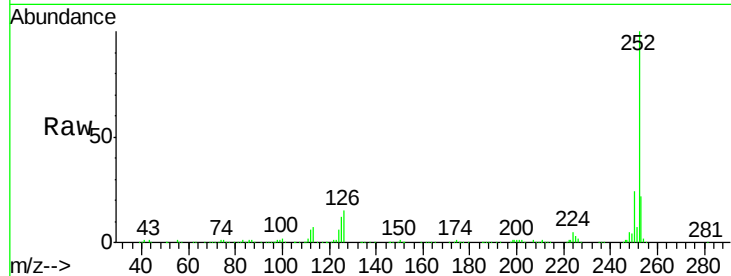
#87
Benzo(b)fluoranthene
Concen: 30.68 ng
RT: 17.30 min Scan# 1436
Delta R.T. 0.01 min
Lab File: BF077949.D
Acq: 25 Mar 2015 11:14

Instrument :
BNA_F
ClientSampleId :
SB-14MS

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.8	18.0	27.0
125	11.5	9.9	14.9

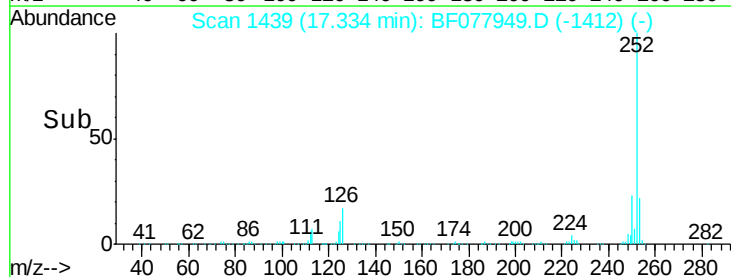
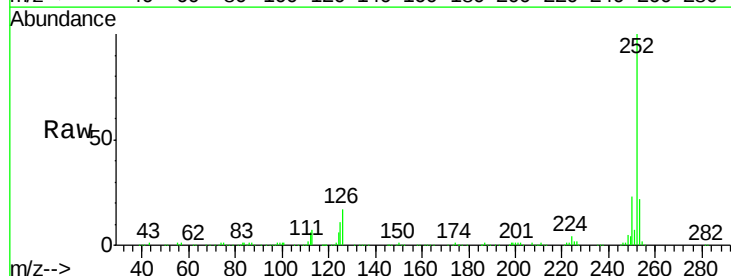
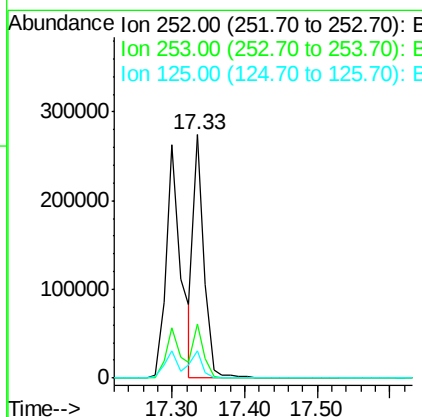
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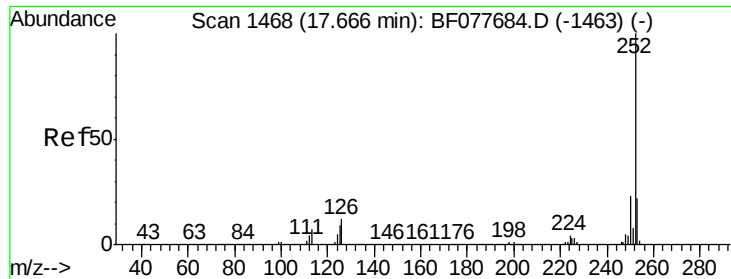
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#88
Benzo(k)fluoranthene
Concen: 28.82 ng
RT: 17.33 min Scan# 1439
Delta R.T. 0.01 min
Lab File: BF077949.D
Acq: 25 Mar 2015 11:14

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.2	25.8
125	11.2	8.1	12.1





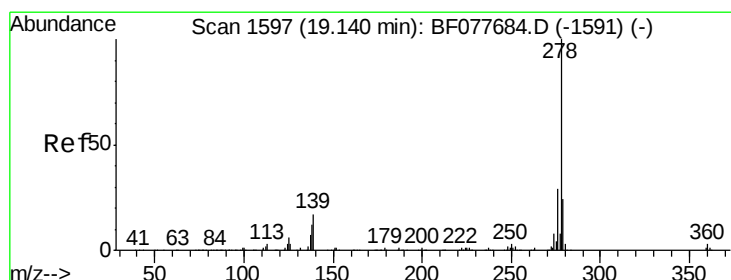
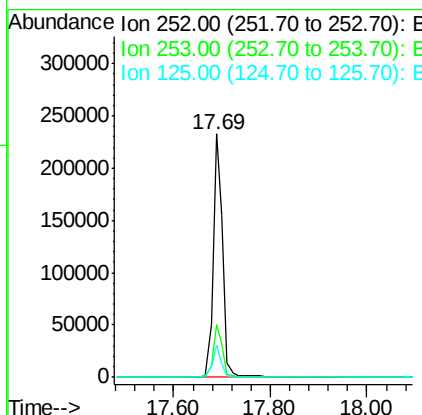
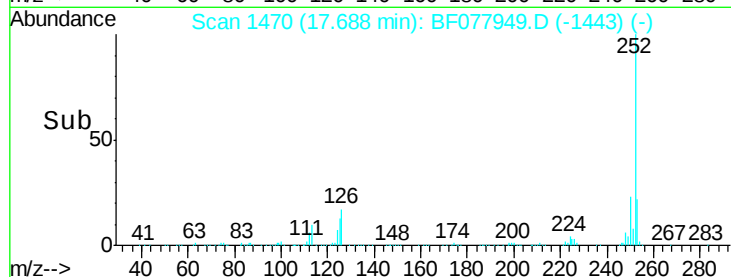
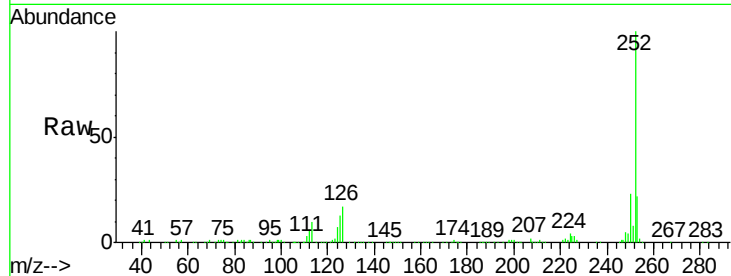
#89
Benzo(a)pyrene
Concen: 31.80 ng
RT: 17.69 min Scan# 1470
Delta R.T. 0.01 min
Lab File: BF077949.D
Acq: 25 Mar 2015 11:14

Instrument :
BNA_F
ClientSampleId :
SB-14MS

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.6	26.4
125	13.4	7.4	11.2

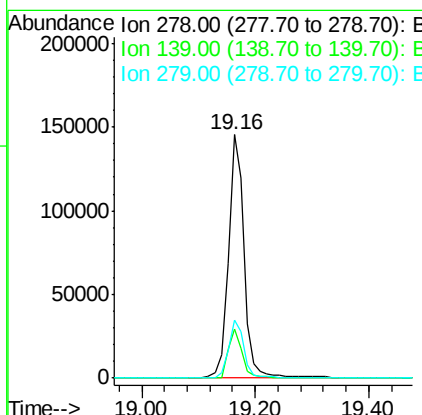
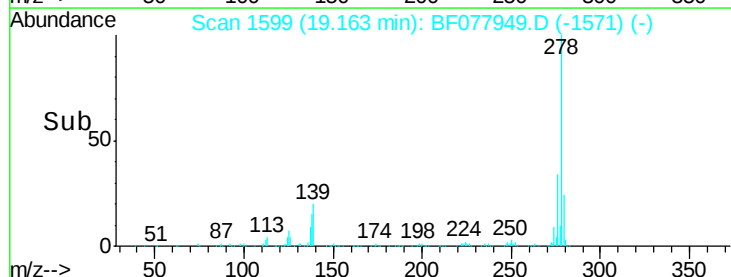
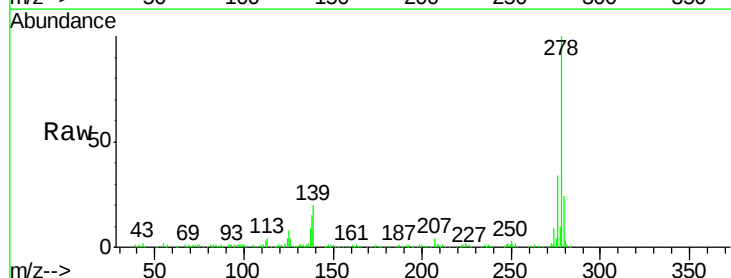
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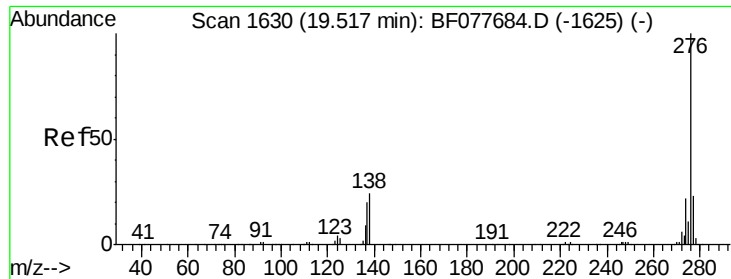
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#90
Dibenzo(a,h)anthracene
Concen: 27.90 ng
RT: 19.16 min Scan# 1599
Delta R.T. 0.02 min
Lab File: BF077949.D
Acq: 25 Mar 2015 11:14

Tgt Ion	Ratio	Lower	Upper
278	100		
139	20.0	13.4	20.0
279	23.6	19.0	28.4





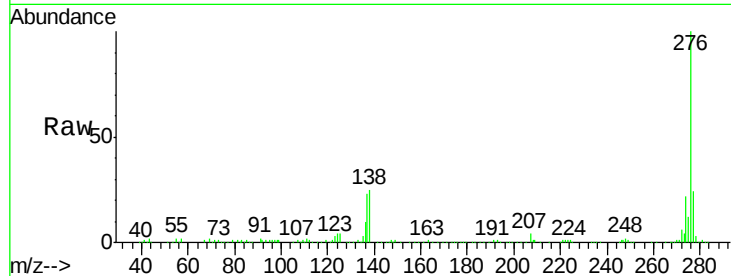
#91
 Benzo(g,h,i)perylene
 Concen: 26.86 ng
 RT: 19.54 min Scan# 1632
 Delta R.T. 0.02 min
 Lab File: BF077949.D
 Acq: 25 Mar 2015 11:14

Instrument :
 BNA_F
 ClientSampleId :
 SB-14MS

Tgt Ion:	276	Resp:	276938
Ion Ratio	Lower	Upper	
276	100		
277	23.7	18.5	27.7
138	25.3	19.0	28.6

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

