

Data Path : Z:\HPCHEM1\BNA F\DATA\BF031115\
 Data File : BF077697.D
 Acq On : 11 Mar 2015 20:00
 Operator : TP/IZ
 Sample : G1475-01MS
 Misc : S
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FK-GF-01-012-AMS

Manual Integrations
 APPROVED

mohammad
 3/13/2015 9:40:27 AM

Quant Time: Mar 12 05:46:16 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF031115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 12 02:24:12 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.17	152	57956	20.00	ng	0.00
21) Naphthalene-d8	8.75	136	218473	20.00	ng	0.00
38) Acenaphthene-d10	10.91	164	114329	20.00	ng	0.00
63) Phenanthrene-d10	12.75	188	225195	20.00	ng	0.00
75) Chrysene-d12	16.03	240	234768	20.00	ng	0.00
86) Perylene-d12	17.79	264	226528	20.00	ng	0.07

System Monitoring Compounds

5) 2-Fluorophenol	5.46	112	315951	95.16	ng	0.00
7) Phenol-d6	6.74	99	423481	103.23	ng	0.00
23) Nitrobenzene-d5	7.86	82	205476	61.65	ng	0.00
41) 2,4,6-Tribromophenol	11.89	330	104058	95.13	ng	0.00
44) 2-Fluorobiphenyl	10.09	172	455900	58.60	ng	0.00
78) Terphenyl-d14	14.75	244	564929	58.78	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.06	88	37722	25.02	ng	# 100
3) Pyridine	2.76	79	107859	26.63	ng	96
4) n-Nitrosodimethylamine	2.68	42	51138	29.00	ng	84
6) Aniline	6.75	93	132226	22.53	ng	# 1
8) 2-Chlorophenol	6.90	128	121787	30.82	ng	97
9) Benzaldehyde	6.61	77	12931	7.69	ng	99
10) Phenol	6.75	94	157546	32.49	ng	91
11) bis(2-Chloroethyl)ether	6.86	93	109754	30.22	ng	99
12) 1,3-Dichlorobenzene	7.09	146	127320	28.96	ng	99
13) 1,4-Dichlorobenzene	7.20	146	123393	27.02	ng	98
14) 1,2-Dichlorobenzene	7.38	146	110575	26.41	ng	98
15) Benzyl Alcohol	7.36	79	88692	27.70	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.54	45	128766	26.31	ng	99
17) 2-Methylphenol	7.50	107	88902	27.63	ng	99
18) Hexachloroethane	7.79	117	39246	26.20	ng	97
19) n-Nitroso-di-n-propylamine	7.69	70	75852	26.73	ng	97
20) 3+4-Methylphenols	7.70	107	119450	28.29	ng	98
22) Acetophenone	7.68	105	149542	30.92	ng	# 98
24) Nitrobenzene	7.88	77	104023	28.97	ng	98
25) Isophorone	8.18	82	195636	29.07	ng	# 90
26) 2-Nitrophenol	8.28	139	54484	30.99	ng	97
27) 2,4-Dimethylphenol	8.35	122	93497	29.20	ng	99
28) bis(2-Chloroethoxy)methane	8.46	93	124836	30.56	ng	99
29) 2,4-Dichlorophenol	8.58	162	98230	32.18	ng	97
30) 1,2,4-Trichlorobenzene	8.68	180	100390	29.39	ng	98
31) Naphthalene	8.77	128	322872	28.77	ng	100
32) Benzoic acid	8.44	122	34659	21.24	ng	89
33) 4-Chloroaniline	8.85	127	101684	22.33	ng	98
34) Hexachlorobutadiene	8.93	225	52859	27.31	ng	98
35) Caprolactam	9.25	113	28124	31.52	ng	98
36) 4-Chloro-3-methylphenol	9.46	107	96636	31.46	ng	97
37) 2-Methylnaphthalene	9.63	142	226069	29.99	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.84	216	97918	28.71	ng	# 100
40) Hexachlorocyclopentadiene	9.82	237	91667	54.74	ng	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.98	196	67666	28.65	nq	98
43) 2,4,5-Trichlorophenol	10.03	196	74079	29.03	nq	98
45) 1,1'-Biphenyl	10.21	154	262616	28.73	nq	99
46) 2-Chloronaphthalene	10.22	162	203959	27.46	nq	# 92
47) 2-Nitroaniline	10.36	65	59446	32.23	nq	96
48) Acenaphthylene	10.74	152	334412	27.08	nq	99
49) Dimethylphthalate	10.60	163	264573	31.20	nq	100
50) 2,6-Dinitrotoluene	10.67	165	54873	31.22	nq	92
51) Acenaphthene	10.96	154	193282	27.29	nq	98
52) 3-Nitroaniline	10.88	138	52014	25.48	nq	91
53) 2,4-Dinitrophenol	11.00	184	33432	54.62	nq	97
54) Dibenzofuran	11.17	168	302936	28.84	nq	99
55) 4-Nitrophenol	11.09	139	98852	65.37	nq	99
56) 2,4-Dinitrotoluene	11.16	165	69525	30.33	nq	# 91
57) Fluorene	11.60	166	246016	28.21	nq	99
58) 2,3,4,6-Tetrachlorophenol	11.32	232	61199	31.15	nq	# 100
59) Diethylphthalate	11.48	149	241993	29.29	nq	98
60) 4-Chlorophenyl-phenylether	11.61	204	112879	28.36	nq	96
61) 4-Nitroaniline	11.62	138	56570	27.81	nq	79
62) Azobenzene	11.80	77	219959	27.86	nq	98
64) 4,6-Dinitro-2-methylphenol	11.67	198	29473	29.53	nq	92
65) n-Nitrosodiphenylamine	11.76	169	212565	28.35	nq	99
66) 4-Bromophenyl-phenylether	12.21	248	67917	28.26	nq	95
67) Hexachlorobenzene	12.27	284	74282	28.13	nq	93
68) Atrazine	12.43	200	69241	32.95	nq	98
69) Pentachlorophenol	12.52	266	80024	58.71	nq	98
70) Phenanthrene	12.79	178	367465	28.42	nq	100
71) Anthracene	12.84	178	358924	28.10	nq	99
72) Carbazole	13.05	167	337950	27.82	nq	99
73) Di-n-butylphthalate	13.51	149	392584	28.82	nq	99
74) Fluoranthene	14.26	202	386963	27.14	nq	99
76) Benzidine	14.43	184	174105	29.86	nq	99
77) Pyrene	14.53	202	414513	28.08	nq	100
79) Butylbenzylphthalate	15.37	149	170578	29.31	nq	98
80) Benzo(a)anthracene	16.02	228	377195	27.10	nq	99
81) 3,3'-Dichlorobenzidine	16.01	252	110229	24.01	nq	# 98
82) Chrysene	16.07	228	357833	28.60	nq	99
83) Bis(2-ethylhexyl)phthalate	16.09	149	257078	29.16	nq	# 95
84) Di-n-octyl phthalate	16.89	149	428032	28.39	nq	99
85) Indeno(1,2,3-cd)pyrene	19.17	276	412205m	26.39	nq	
87) Benzo(b)fluoranthene	17.33	252	451866	30.56	nq	97
88) Benzo(k)fluoranthene	17.37	252	273566m	23.68	nq	
89) Benzo(a)pyrene	17.72	252	358967	29.09	nq	99
90) Dibenzo(a,h)anthracene	19.21	278	340116	27.79	nq	99
91) Benzo(g,h,i)perylene	19.59	276	340030	27.29	nq	99

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

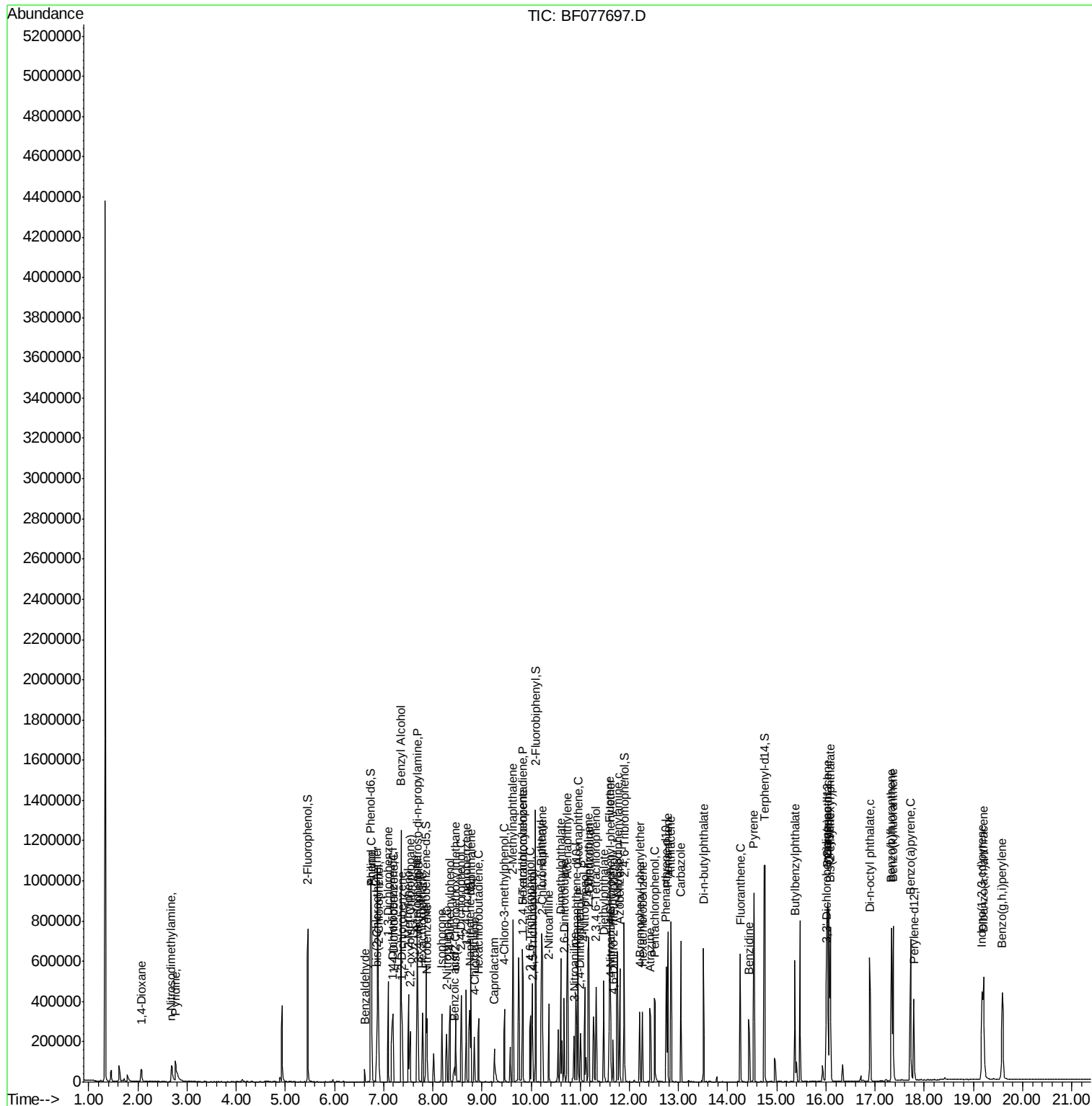
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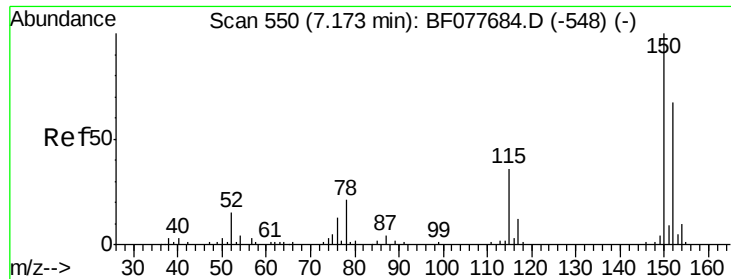
Instrument :
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ClientSampleId :
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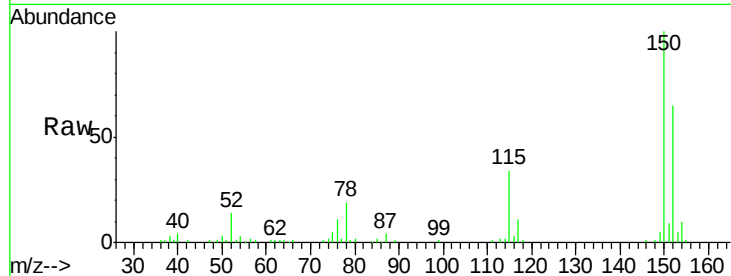




#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.17 min Scan# 550
Delta R.T. 0.00 min
Lab File: BF077697.D
Acq: 11 Mar 2015 20:00

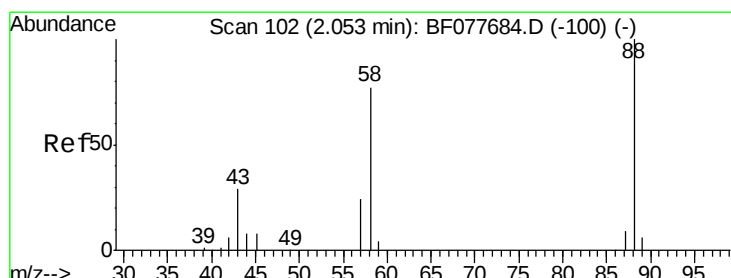
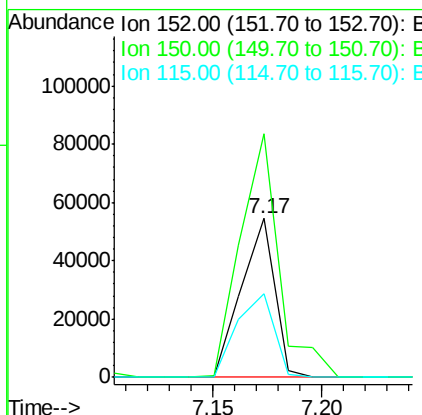
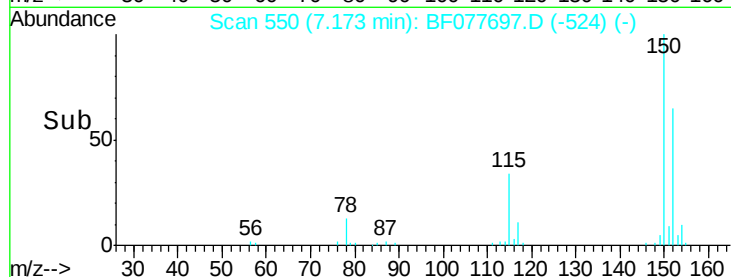
Instrument :
BNA_F
ClientSampleId :
FK-GF-01-012-AMS



Tot Ion	Ratio	Lower	Upper
152	100		
150	153.1	119.5	179.3
115	52.3	43.0	64.4

Manual Integrations
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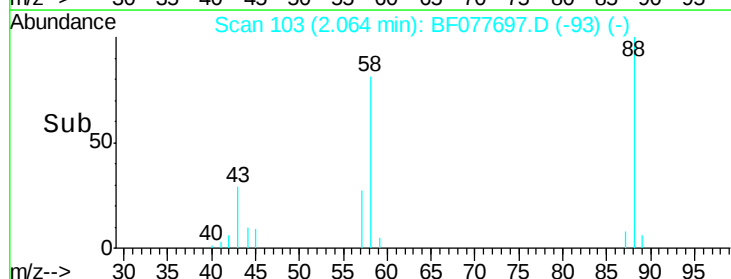
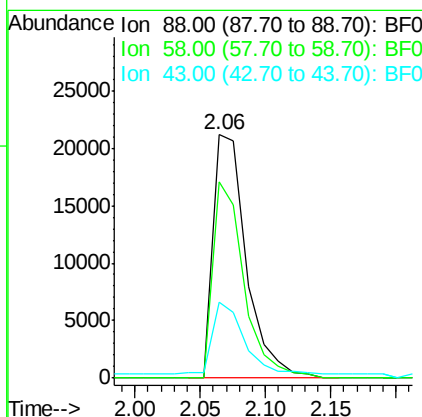
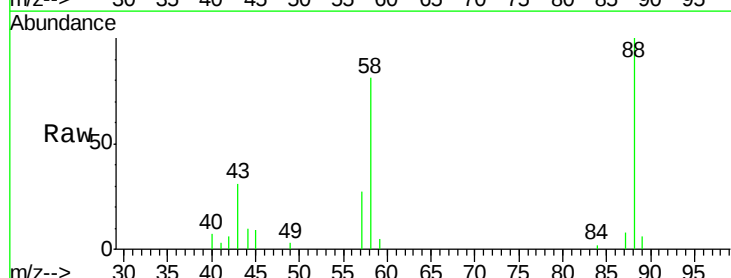
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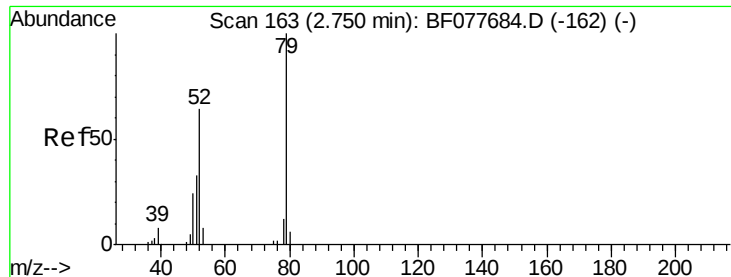


#2

1,4-Dioxane
Concen: 25.02 ng
RT: 2.06 min Scan# 103
Delta R.T. 0.01 min
Lab File: BF077697.D
Acq: 11 Mar 2015 20:00

Tgt Ion	Ratio	Lower	Upper
88	100		
58	75.3	0.0	0.0#
43	36.8	0.0	0.0#





#3

Pvridine

Concen: 26.63 ng

RT: 2.76 min Scan# 164

Delta R.T. 0.01 min

Lab File: BF077697.D

Acq: 11 Mar 2015 20:00

Instrument :

BNA_F

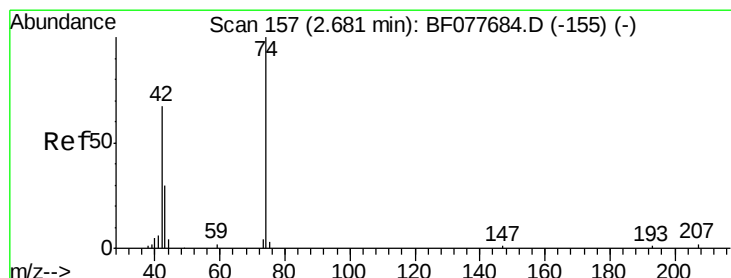
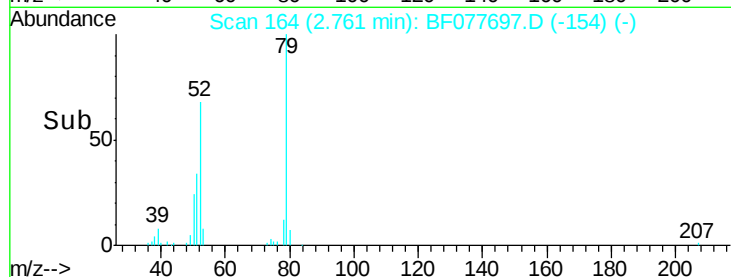
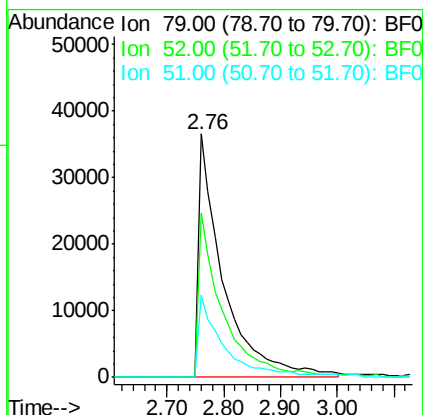
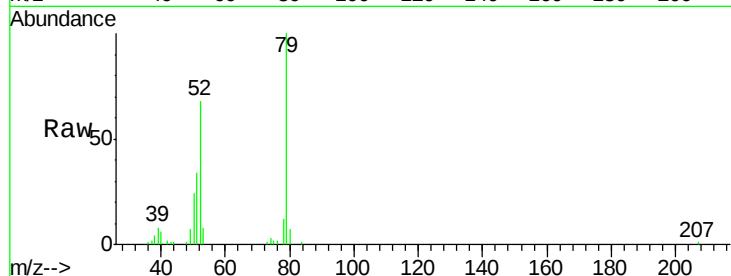
ClientSampleId :

FK-GF-01-012-AMS

Tot Ion:	79	Resp:	107859
Ion Ratio	Lower	Upper	
79	100		
52	67.6	51.1	76.7
51	33.9	26.1	39.1

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#4

n-Nitrosodimethylamine

Concen: 29.00 ng

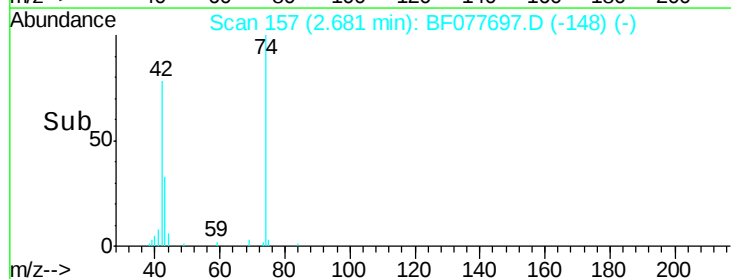
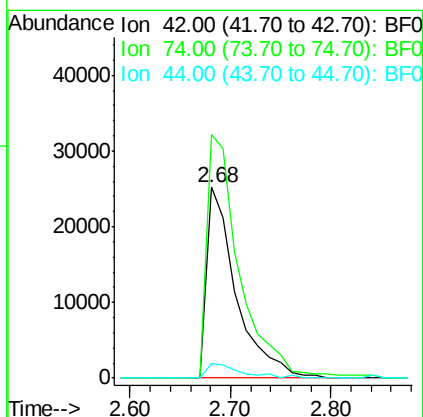
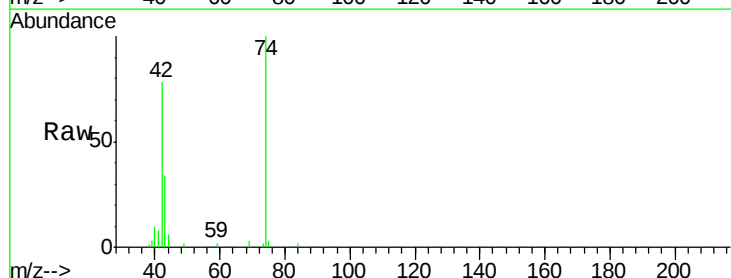
RT: 2.68 min Scan# 157

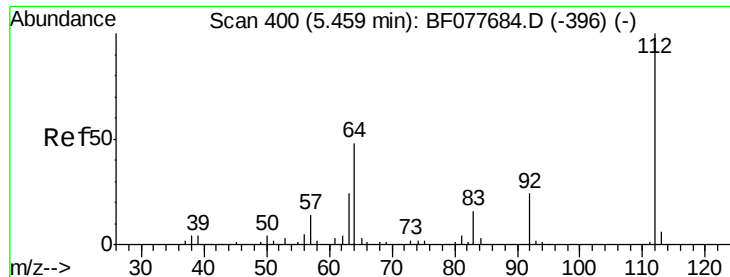
Delta R.T. 0.00 min

Lab File: BF077697.D

Acq: 11 Mar 2015 20:00

Tgt Ion:	42	Resp:	51138
Ion Ratio	Lower	Upper	
42	100		
74	127.7	119.3	178.9
44	7.3	5.4	8.2





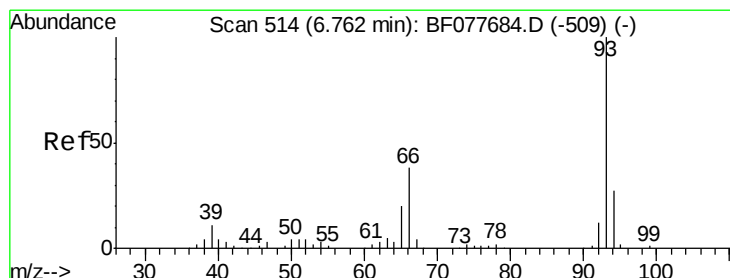
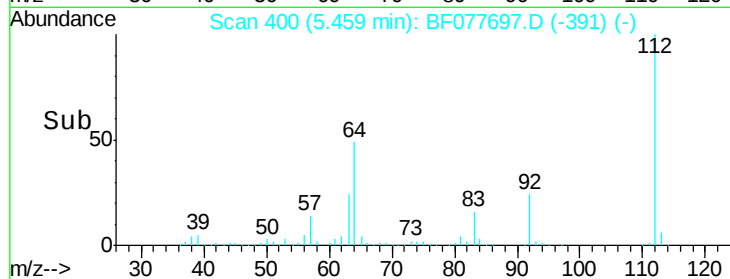
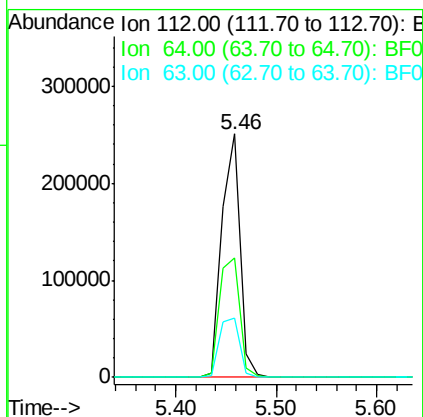
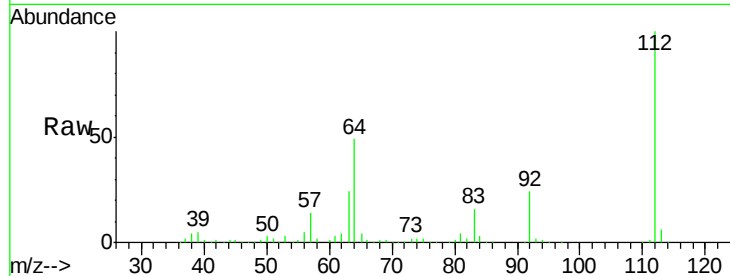
#5
2-Fluorophenol
Concen: 95.16 ng
RT: 5.46 min Scan# 400
Delta R.T. 0.00 min
Lab File: BF077697.D
Acq: 11 Mar 2015 20:00

Instrument :
BNA_F
ClientSampleId :
FK-GF-01-012-AMS

Tot Ion	Ratio	Resp Lower	Upper
112	100		
64	49.0	38.6	57.8
63	24.3	19.3	28.9

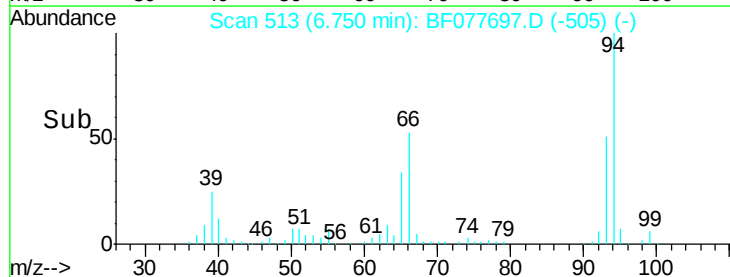
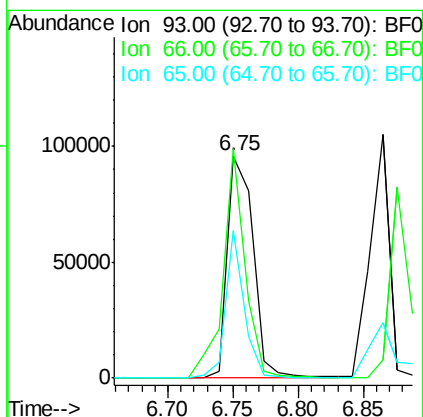
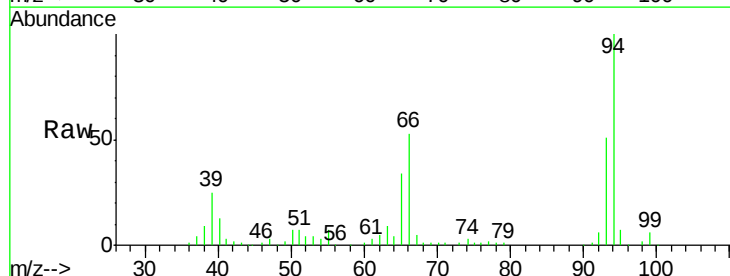
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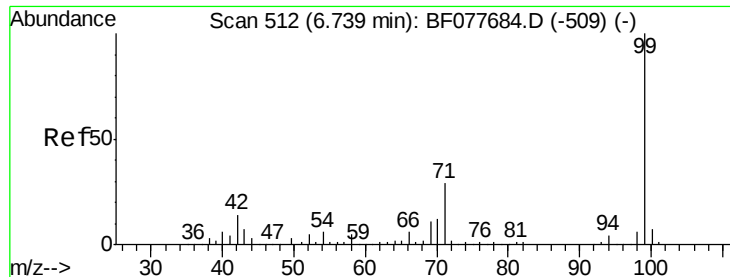
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#6
Aniline
Concen: 22.53 ng
RT: 6.75 min Scan# 513
Delta R.T. -0.01 min
Lab File: BF077697.D
Acq: 11 Mar 2015 20:00

Tgt Ion	Ratio	Resp Lower	Upper
93	100		
66	103.2	30.8	46.2#
65	66.4	16.0	24.0#





#7

Phenol-d6

Concen: 103.23 ng

RT: 6.74 min Scan# 512

Delta R.T. 0.00 min

Lab File: BF077697.D

Acq: 11 Mar 2015 20:00

Instrument :

BNA_F

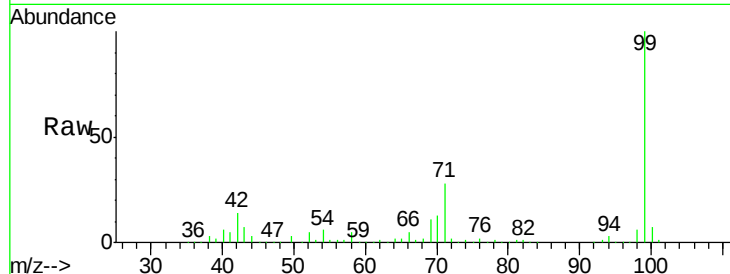
ClientSampleId :

FK-GF-01-012-AMS

Tot Ion:	99	Resp:	423481
Ion Ratio	Lower	Upper	
99	100		
42	14.1	11.0	16.4
71	28.5	23.4	35.2

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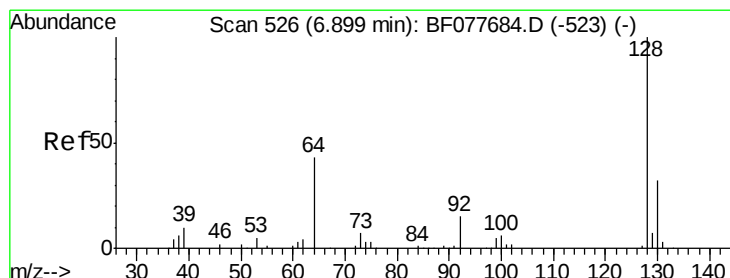
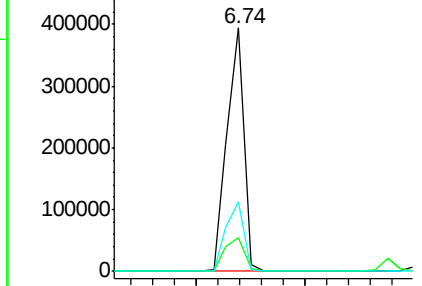
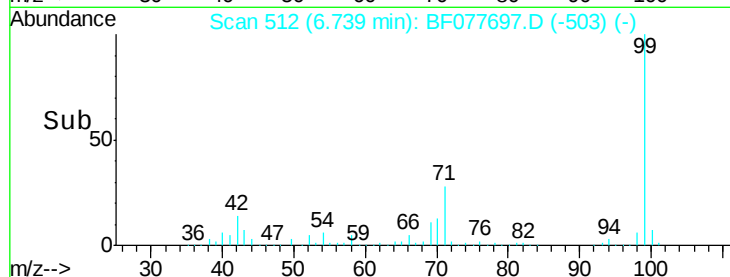


Abundance Ion 99.00 (98.70 to 99.70): BF077684.D (-509) (-)

Ion 42.00 (41.70 to 42.70): BF077684.D (-509) (-)

Ion 71.00 (70.70 to 71.70): BF077684.D (-509) (-)

Time-->



#8

2-Chlorophenol

Concen: 30.82 ng

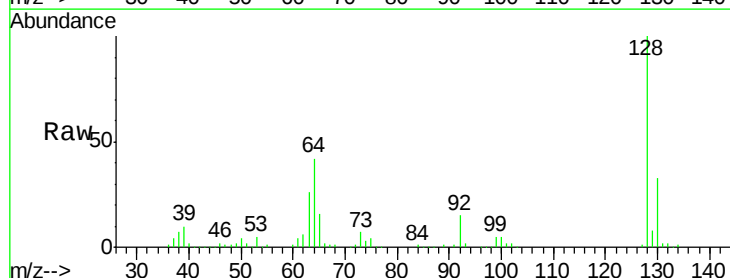
RT: 6.90 min Scan# 526

Delta R.T. 0.00 min

Lab File: BF077697.D

Acq: 11 Mar 2015 20:00

Tgt Ion:	128	Resp:	121787
Ion Ratio	Lower	Upper	
128	100		
130	32.5	12.0	52.0
64	41.9	24.9	64.9

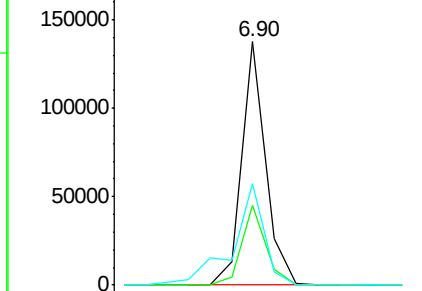
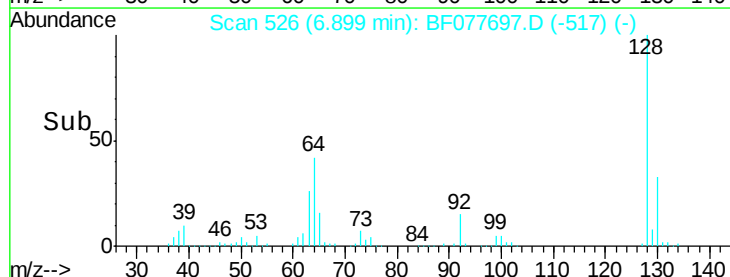


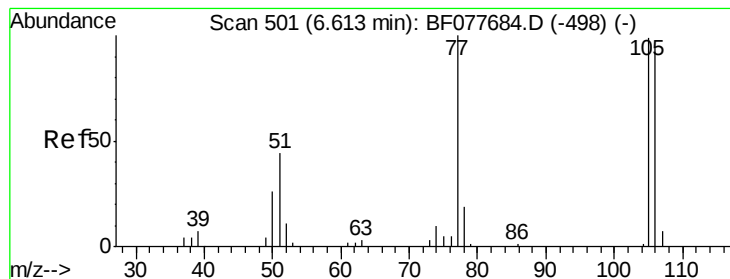
Abundance Ion 128.00 (127.70 to 128.70): BF077684.D (-523) (-)

Ion 130.00 (129.70 to 130.70): BF077684.D (-523) (-)

Ion 64.00 (63.70 to 64.70): BF077684.D (-523) (-)

Time-->





#9

Benzaldehyde

Concen: 7.69 ng

RT: 6.61 min Scan# 501

Delta R.T. 0.00 min

Lab File: BF077697.D

Acq: 11 Mar 2015 20:00

Instrument :

BNA_F

ClientSampleId :

FK-GF-01-012-AMS

Tot Ion: 77 Resp: 12931

Ion Ratio Lower Upper

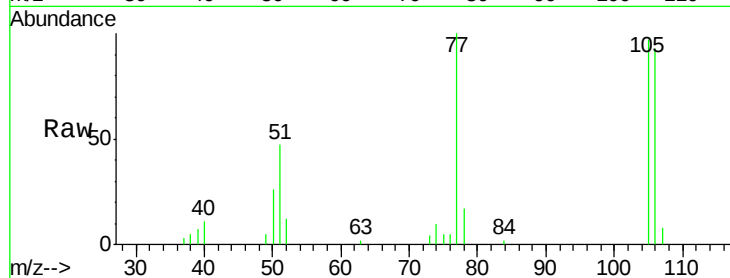
77 100

105 96.9 78.8 118.8

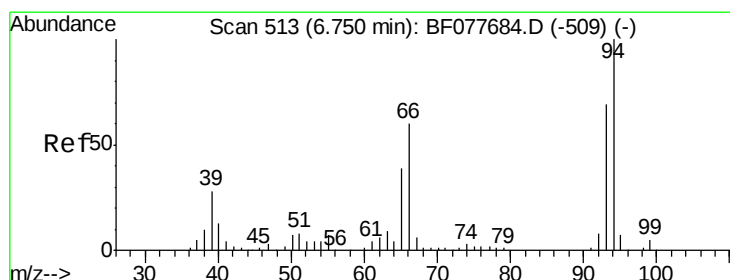
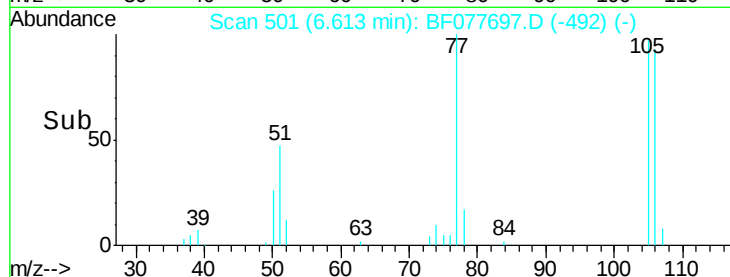
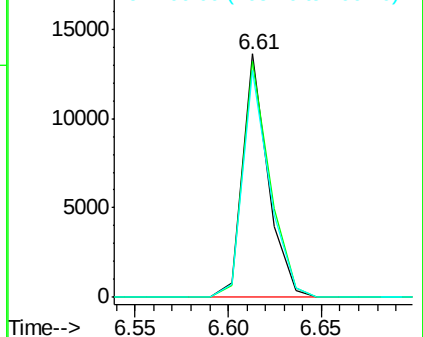
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Manual Integrations
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Abundance Ion 77.00 (76.70 to 77.70): BF0
Ion 105.00 (104.70 to 105.70): B
Ion 106.00 (105.70 to 106.70): B



#10

Phenol

Concen: 32.49 ng

RT: 6.75 min Scan# 513

Delta R.T. 0.00 min

Lab File: BF077697.D

Acq: 11 Mar 2015 20:00

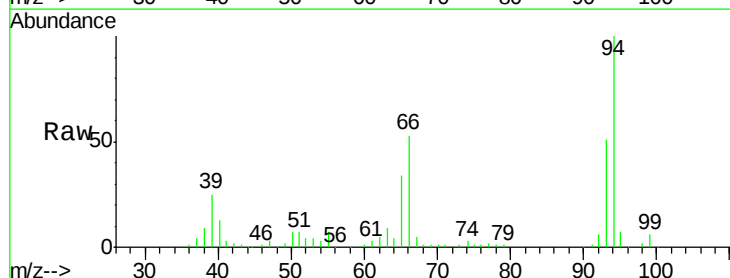
Tgt Ion: 94 Resp: 157546

Ion Ratio Lower Upper

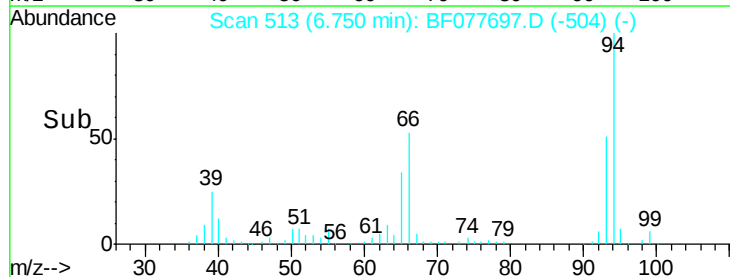
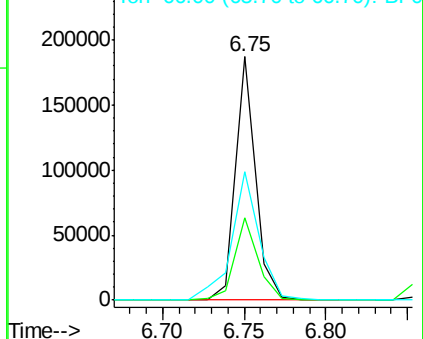
94 100

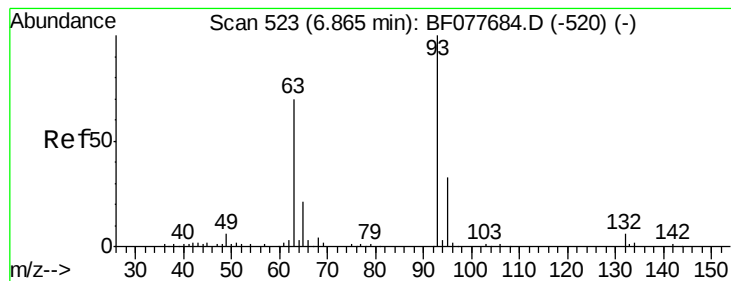
65 34.1 18.8 58.8

66 52.9 39.9 79.9



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





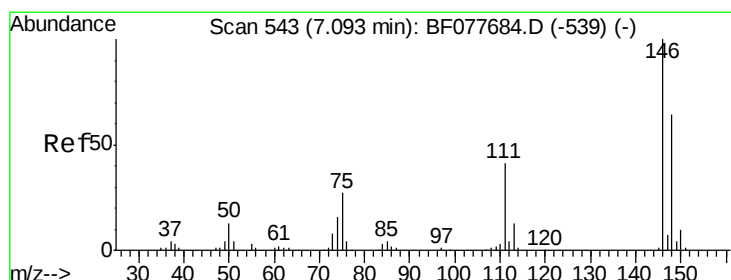
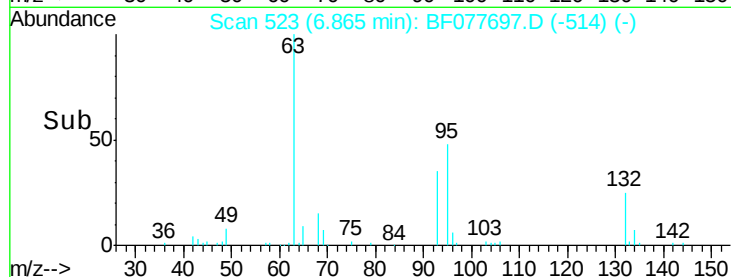
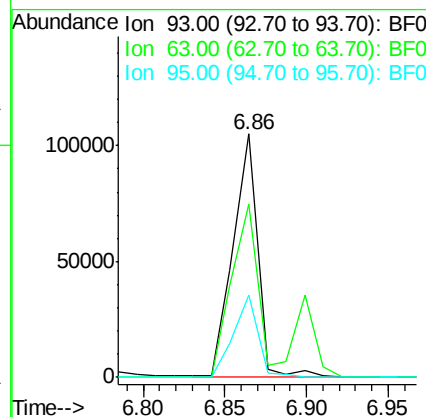
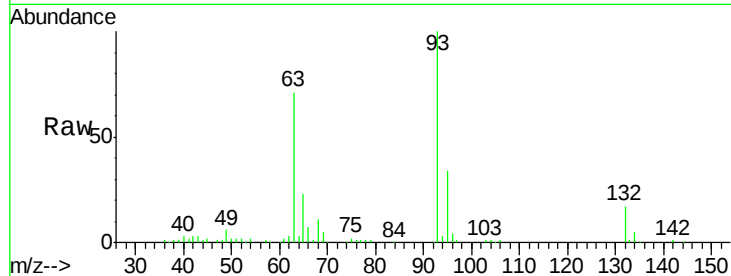
#11
bis(2-Chloroethyl)ether
Concen: 30.22 ng
RT: 6.86 min Scan# 523
Delta R.T. 0.00 min
Lab File: BF077697.D
Acq: 11 Mar 2015 20:00

Instrument :
BNA_F
ClientSampleId :
FK-GF-01-012-AMS

Tot Ion	Ratio	Resp Lower	Upper
93	100		
63	71.1	49.5	89.5
95	33.6	13.5	53.5

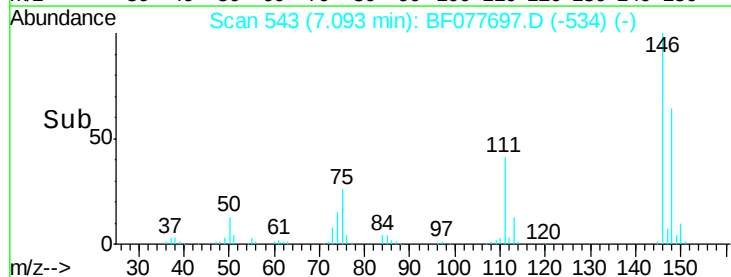
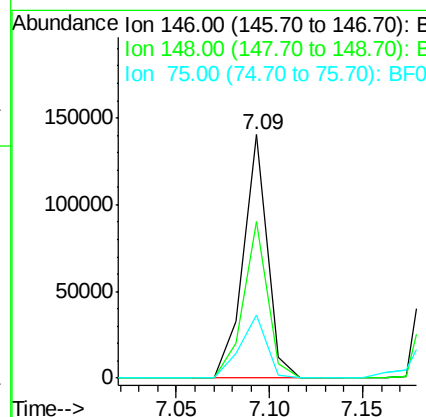
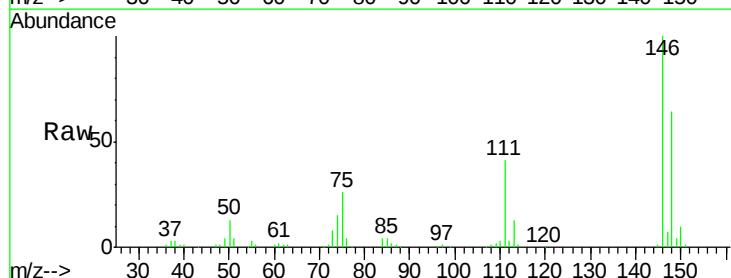
Manual Integrations
APPROVED

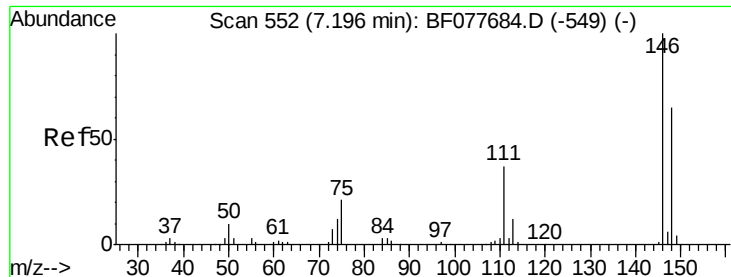
mohammad
3/13/2015 9:40:27 AM



#12
1,3-Dichlorobenzene
Concen: 28.96 ng
RT: 7.09 min Scan# 543
Delta R.T. 0.00 min
Lab File: BF077697.D
Acq: 11 Mar 2015 20:00

Tgt Ion	Ratio	Resp Lower	Upper
146	100		
148	64.4	50.9	76.3
75	25.8	21.4	32.2





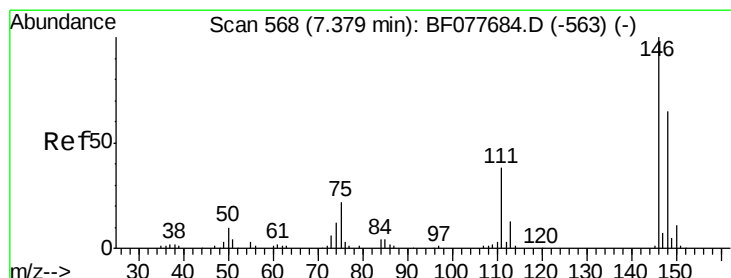
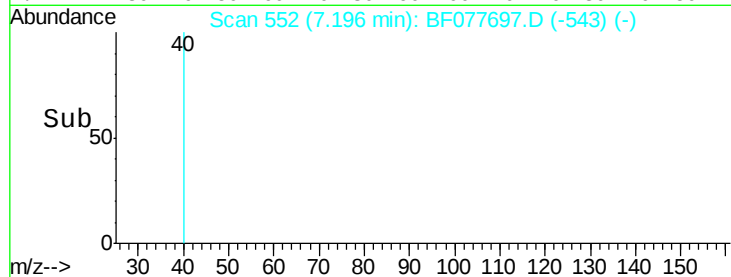
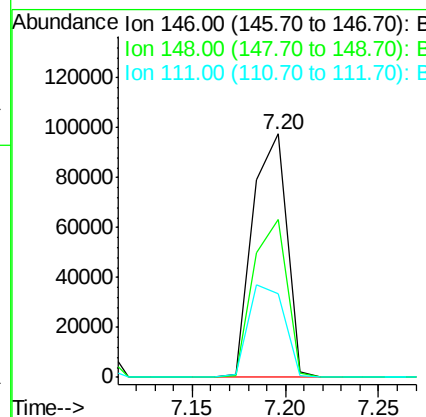
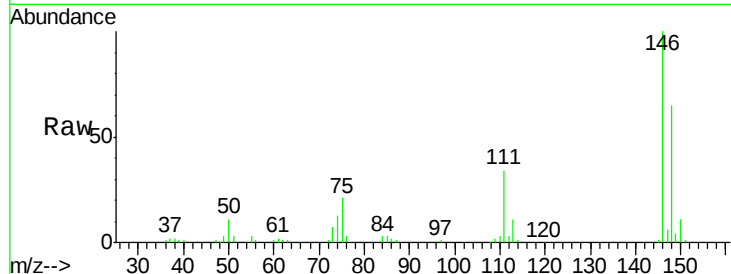
#13
 1,4-Dichlorobenzene
 Concen: 27.02 ng
 RT: 7.20 min Scan# 552
 Delta R.T. 0.00 min
 Lab File: BF077697.D
 Acq: 11 Mar 2015 20:00

Instrument :
 BNA_F
 ClientSampleId :
 FK-GF-01-012-AMS

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.8	51.9	77.9
111	34.1	29.2	43.8

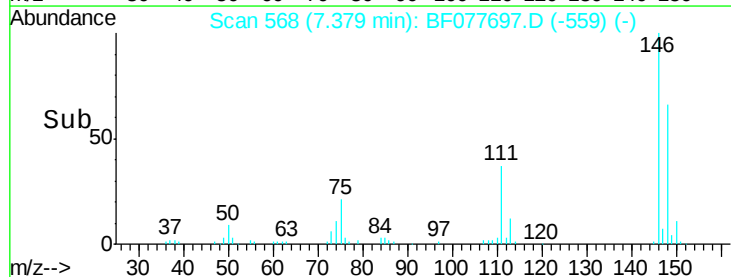
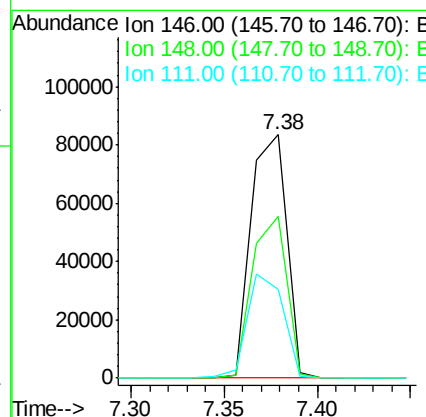
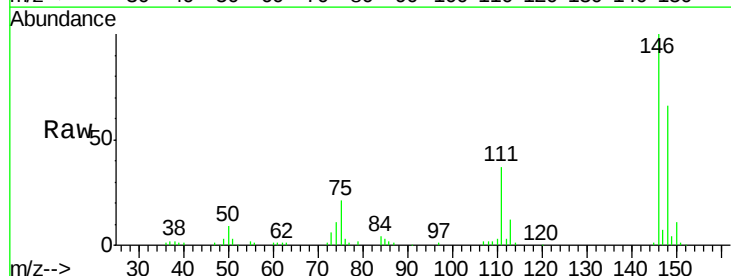
Manual Integrations
 APPROVED

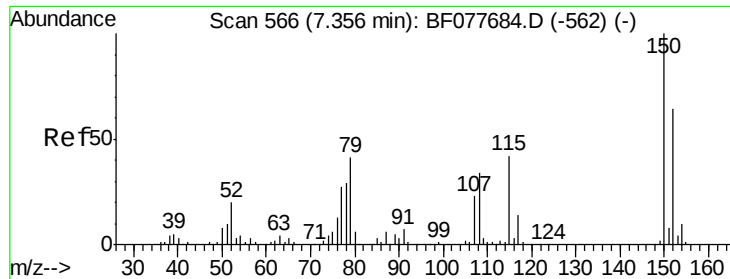
mohammad
 3/13/2015 9:40:27 AM



#14
 1,2-Dichlorobenzene
 Concen: 26.41 ng
 RT: 7.38 min Scan# 568
 Delta R.T. 0.00 min
 Lab File: BF077697.D
 Acq: 11 Mar 2015 20:00

Tgt Ion	Ratio	Lower	Upper
146	100		
148	66.4	52.3	78.5
111	36.6	30.6	45.8





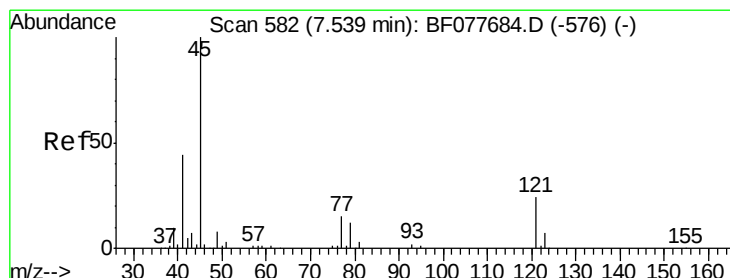
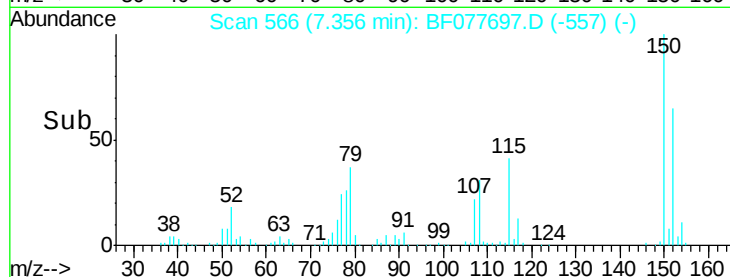
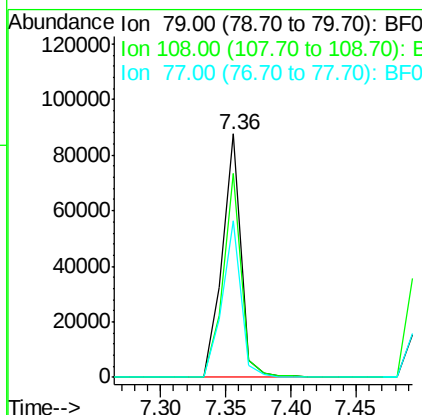
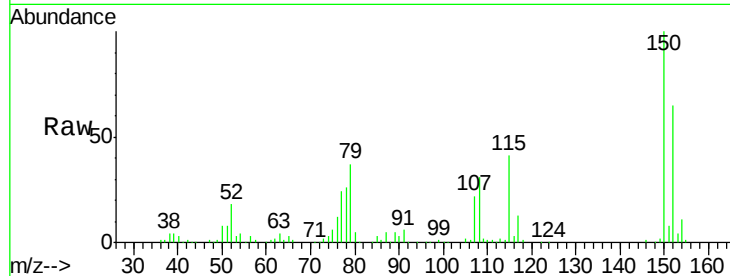
#15
Benzyl Alcohol
Concen: 27.70 ng
RT: 7.36 min Scan# 566
Delta R.T. 0.00 min
Lab File: BF077697.D
Acq: 11 Mar 2015 20:00

Instrument :
BNA_F
ClientSampleId :
FK-GF-01-012-AMS

Tot Ion	Ratio	Lower	Upper
79	100		
108	83.9	65.0	97.4
77	64.3	53.0	79.6

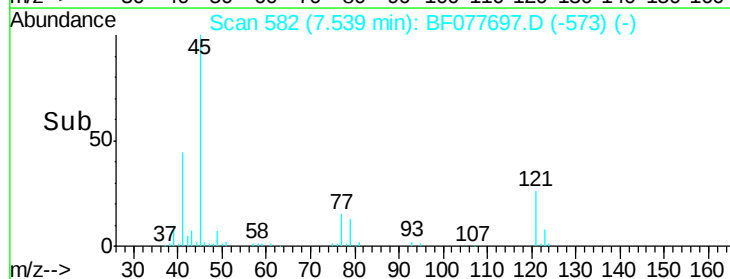
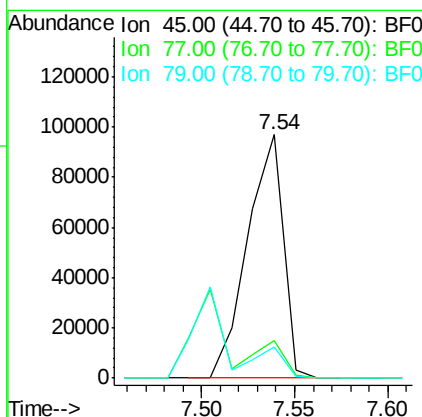
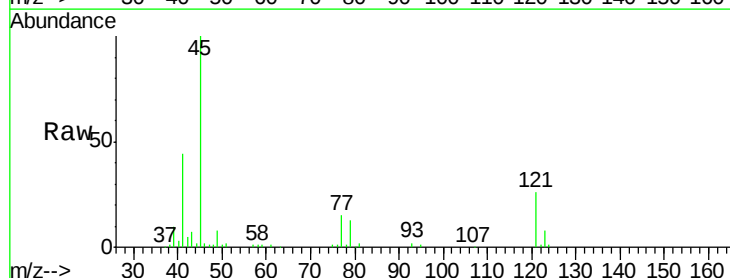
Manual Integrations
APPROVED

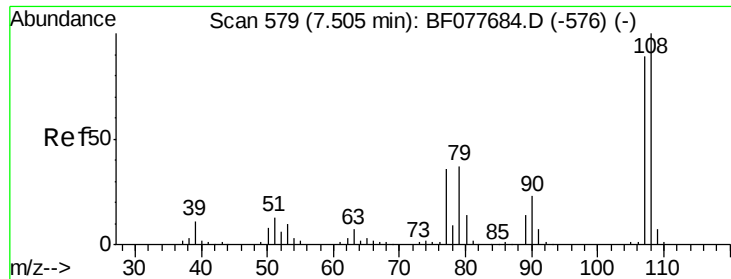
mohammad
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#16
2,2'-oxybis(1-chloropropane)
Concen: 26.31 ng
RT: 7.54 min Scan# 582
Delta R.T. 0.00 min
Lab File: BF077697.D
Acq: 11 Mar 2015 20:00

Tgt Ion	Ratio	Lower	Upper
45	100		
77	15.3	0.0	35.2
79	12.7	0.0	32.0





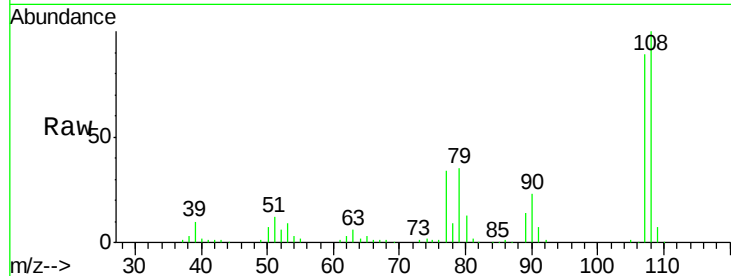
#17
2-Methylphenol
Concen: 27.63 ng
RT: 7.50 min Scan# 579
Delta R.T. 0.00 min
Lab File: BF077697.D
Acq: 11 Mar 2015 20:00

Instrument :
BNA_F
ClientSampleId :
FK-GF-01-012-AMS

Tot Ion	Ratio	Lower	Upper
107	100		
108	112.4	89.8	134.8
77	38.4	32.6	48.8
79	39.2	32.8	49.2

Manual Integrations
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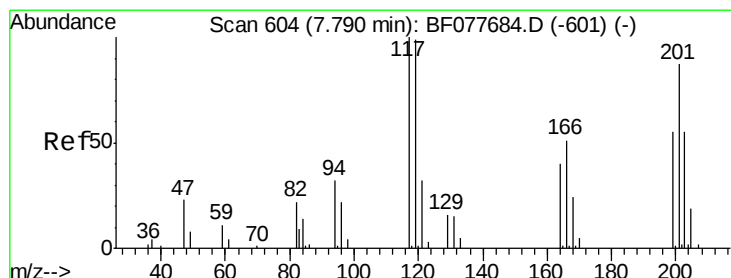
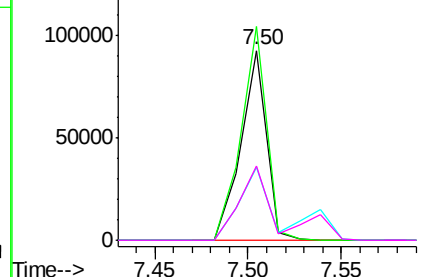
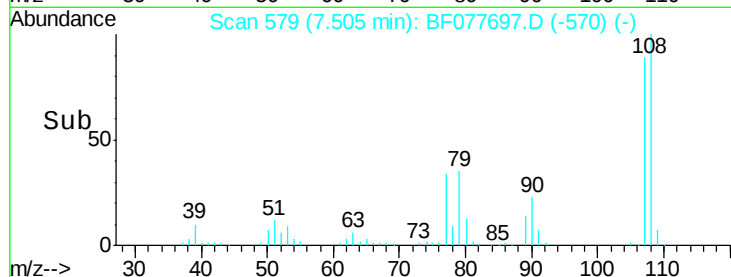
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

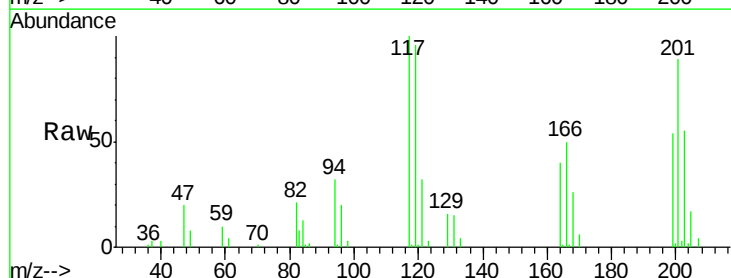
Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#18
Hexachloroethane
Concen: 26.20 ng
RT: 7.79 min Scan# 604
Delta R.T. 0.00 min
Lab File: BF077697.D
Acq: 11 Mar 2015 20:00

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.7	79.2	118.8
201	89.1	69.8	104.6

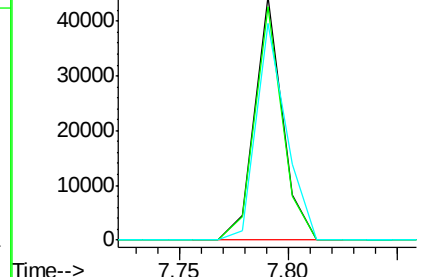
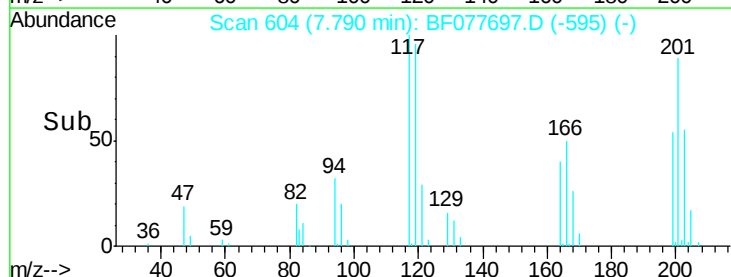


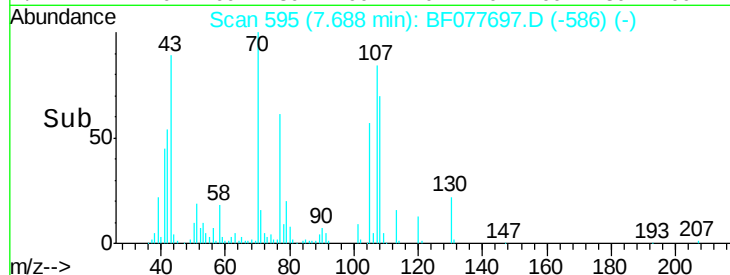
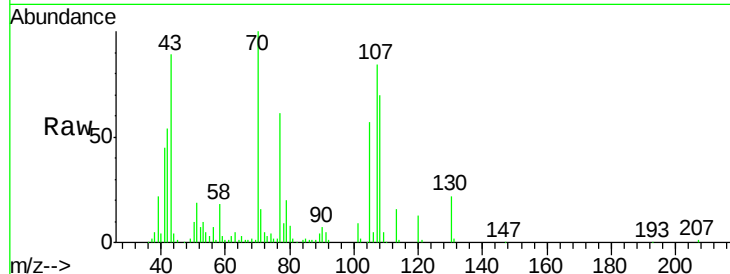
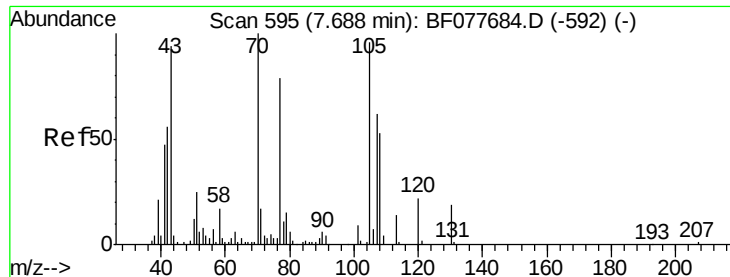
Abundance

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





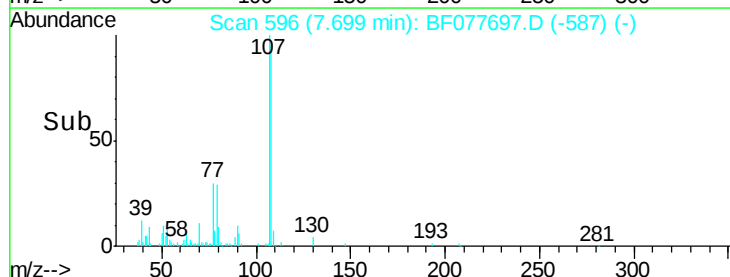
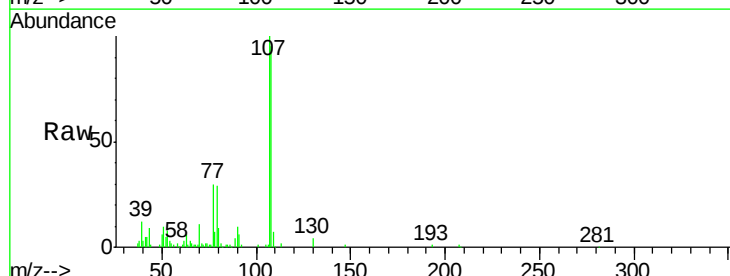
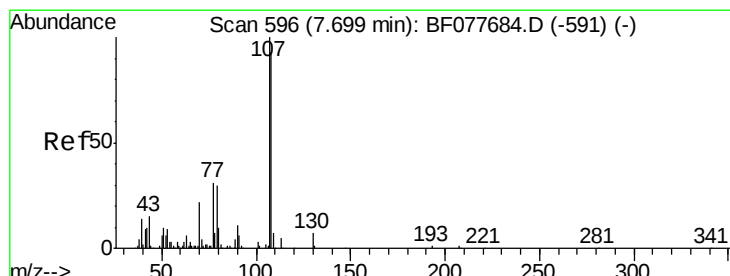
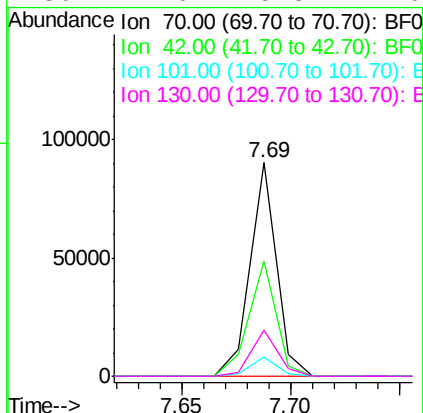
#19
n-Nitroso-di-n-propylamine
Concen: 26.73 ng
RT: 7.69 min Scan# 595
Delta R.T. 0.00 min
Lab File: BF077697.D
Acq: 11 Mar 2015 20:00

Instrument :
BNA_F
ClientSampleId :
FK-GF-01-012-AMS

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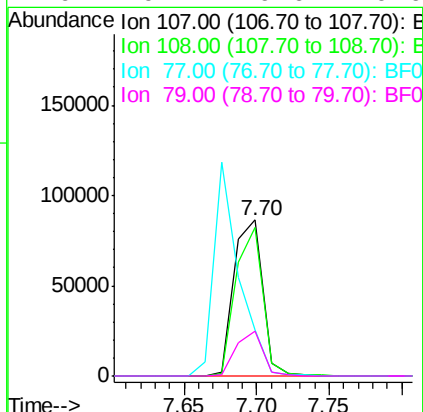
mohammad
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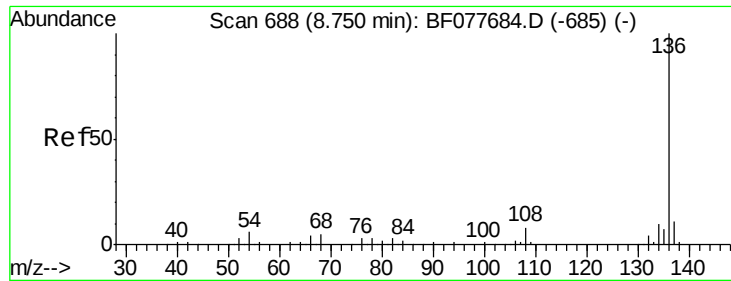
Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	54.2	44.5	66.7	
101	9.1	7.4	11.2	
130	21.6	15.3	22.9	



#20
3+4-Methylphenols
Concen: 28.29 ng
RT: 7.70 min Scan# 596
Delta R.T. 0.00 min
Lab File: BF077697.D
Acq: 11 Mar 2015 20:00

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	95.1	73.2	113.2	
77	29.9	10.7	50.7	
79	29.2	9.6	49.6	





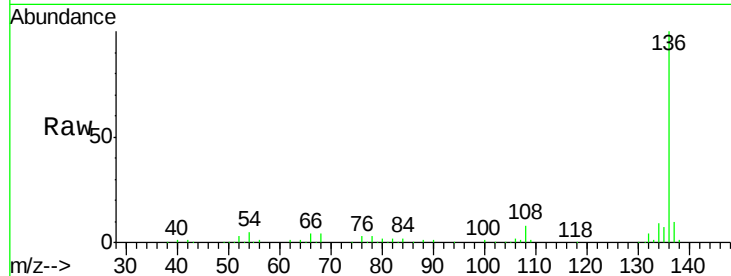
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.75 min Scan# 688
Delta R.T. 0.00 min
Lab File: BF077697.D
Acq: 11 Mar 2015 20:00

Instrument :
BNA_F
ClientSampleId :
FK-GF-01-012-AMS

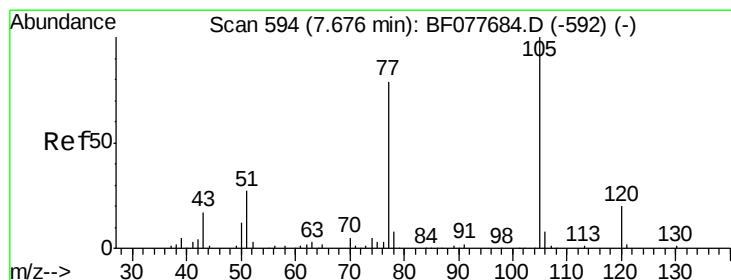
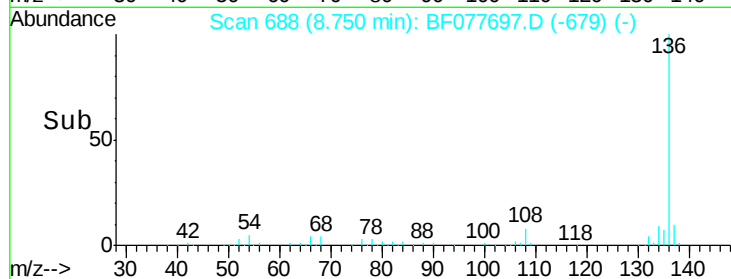
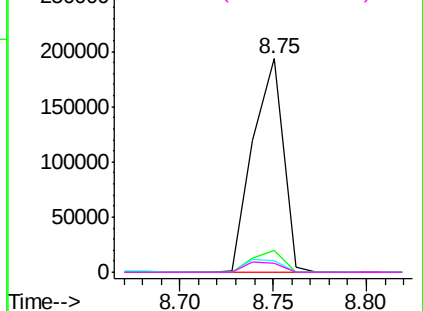
Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		218473		
137	10.2		8.7	13.1	
54	5.1		4.6	6.8	
68	4.3		3.7	5.5	

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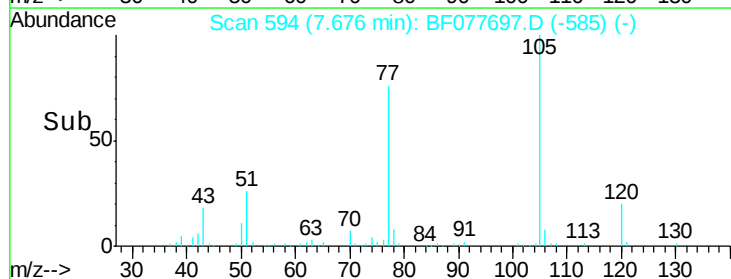
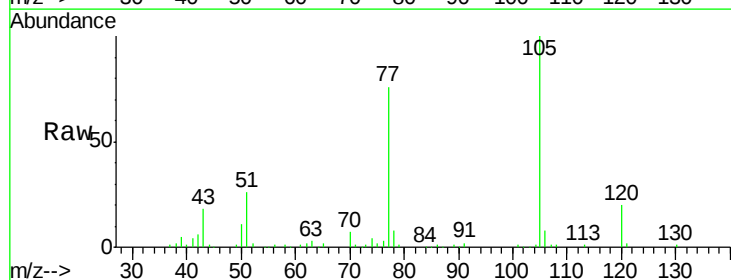
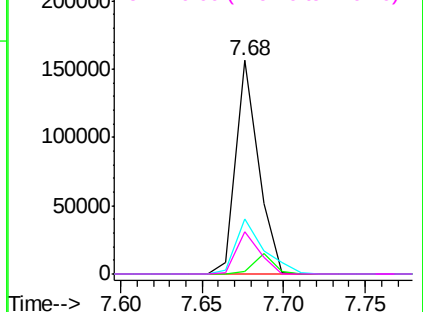
Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

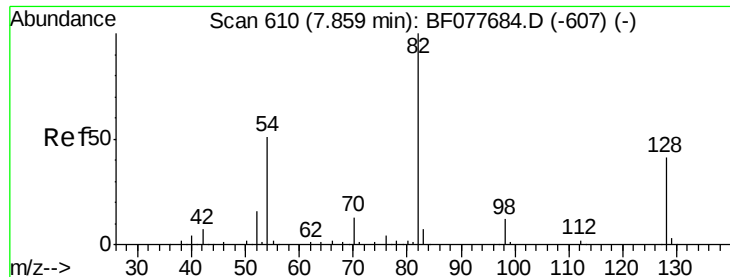


#22
Acetophenone
Concen: 30.92 ng
RT: 7.68 min Scan# 594
Delta R.T. 0.00 min
Lab File: BF077697.D
Acq: 11 Mar 2015 20:00

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		149542		
71	1.4		0.6	1.0#	
51	25.6		21.6	32.4	
120	20.1		16.1	24.1	

Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BF0
Ion 51.00 (50.70 to 51.70): BF0
Ion 120.00 (119.70 to 120.70): E





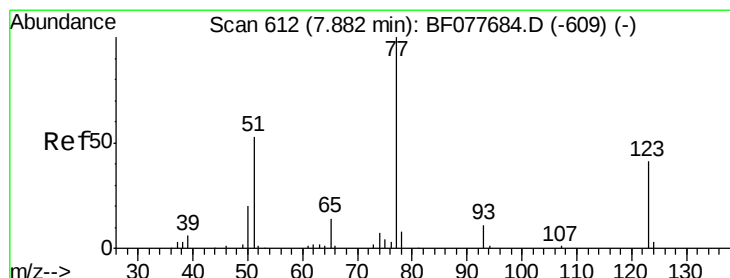
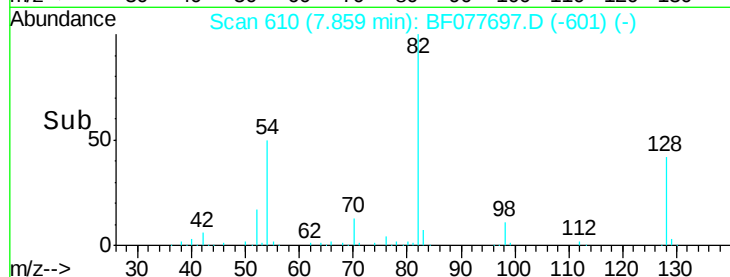
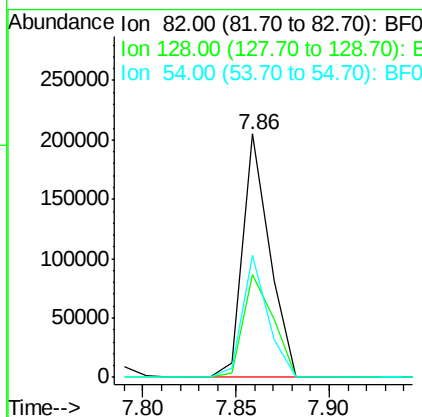
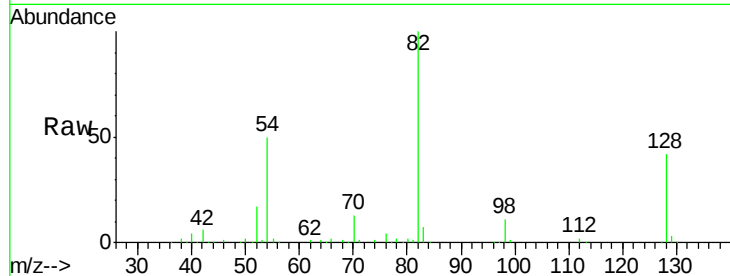
#23
 Nitrobenzene-d5
 Concen: 61.65 ng
 RT: 7.86 min Scan# 610
 Delta R.T. 0.00 min
 Lab File: BF077697.D
 Acq: 11 Mar 2015 20:00

Instrument :
 BNA_F
 ClientSampleId :
 FK-GF-01-012-AMS

Tot Ion	Ratio	Resp	Lower	Upper
82	100	205476		
128	42.1		32.8	49.2
54	50.2		40.6	60.8

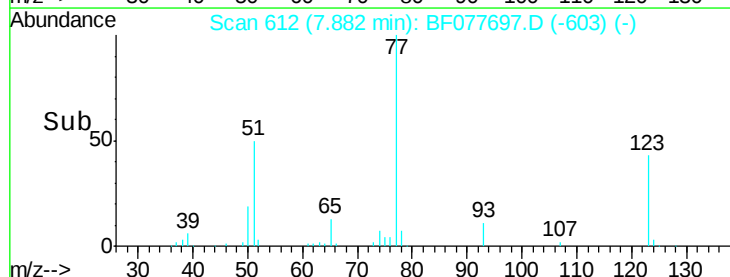
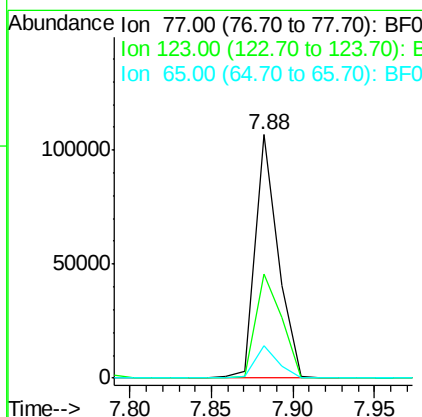
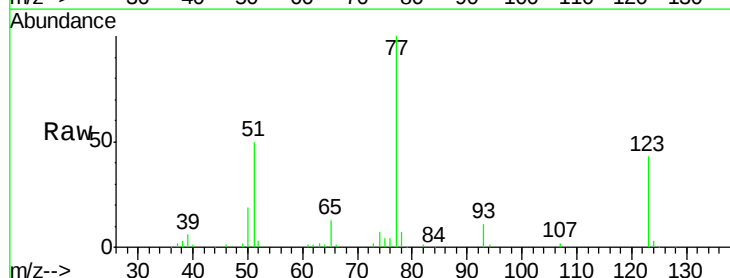
Manual Integrations
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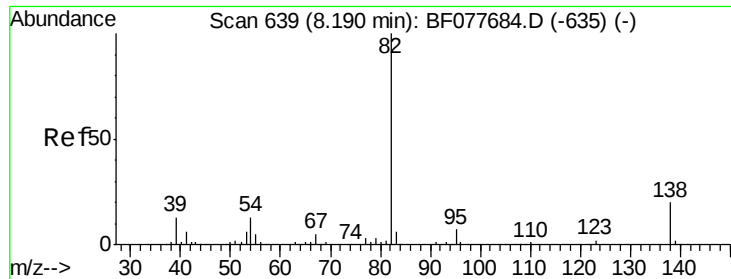
mohammad
 3/13/2015 9:40:27 AM



#24
 Nitrobenzene
 Concen: 28.97 ng
 RT: 7.88 min Scan# 612
 Delta R.T. 0.00 min
 Lab File: BF077697.D
 Acq: 11 Mar 2015 20:00

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	104023		
123	42.7		32.6	49.0
65	13.4		10.9	16.3





#25

Isophorone

Concen: 29.07 ng

RT: 8.18 min Scan# 638

Delta R.T. -0.01 min

Lab File: BF077697.D

Acq: 11 Mar 2015 20:00

Instrument :

BNA_F

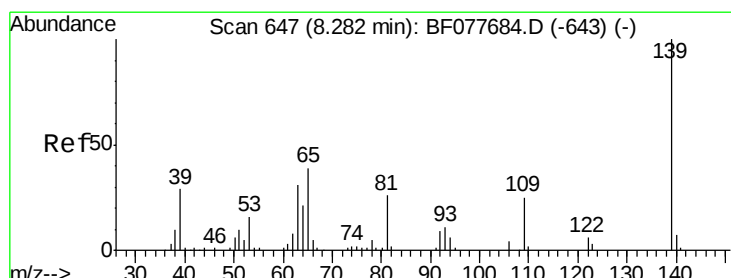
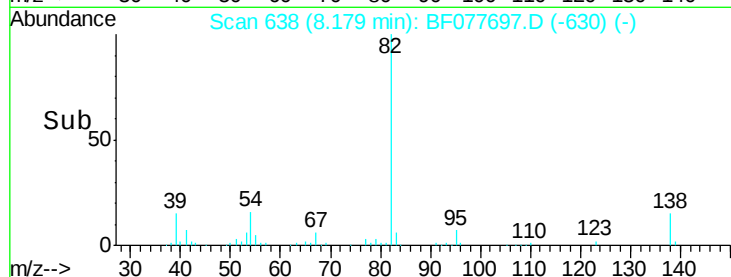
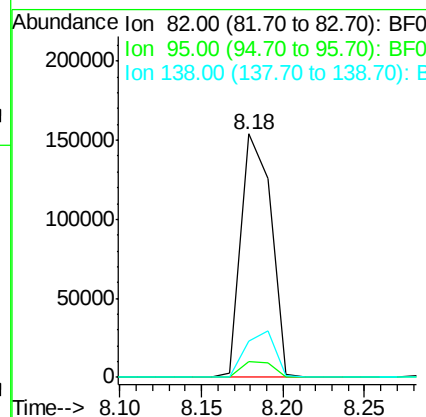
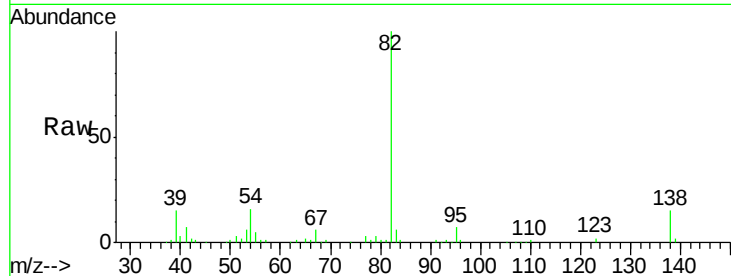
ClientSampleId :

FK-GF-01-012-AMS

Tot Ion	82	Resp	195636
Ion Ratio	Lower	Upper	
82	100		
95	6.5	5.8	8.6
138	14.7	16.3	24.5#

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mohammad
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#26

2-Nitrophenol

Concen: 30.99 ng

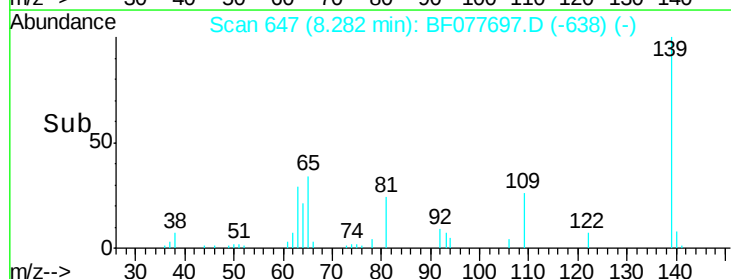
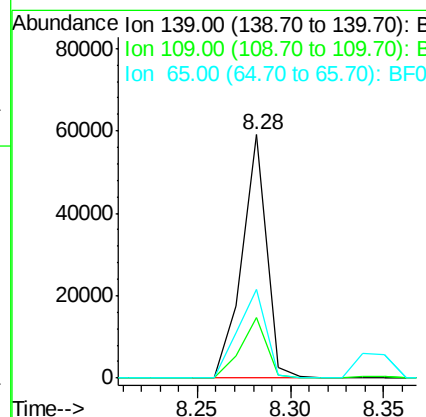
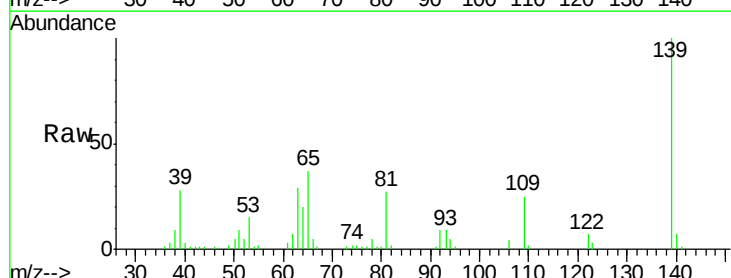
RT: 8.28 min Scan# 647

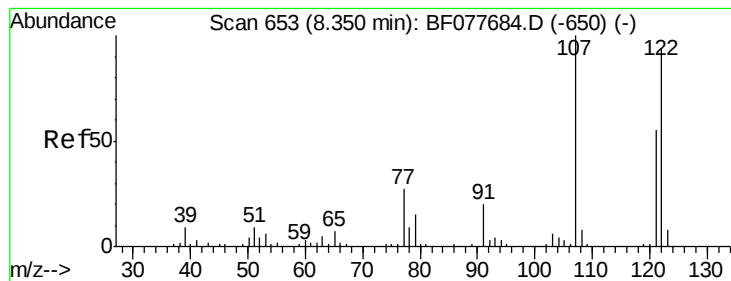
Delta R.T. 0.00 min

Lab File: BF077697.D

Acq: 11 Mar 2015 20:00

Tgt Ion	139	Resp	54484
Ion Ratio	Lower	Upper	
139	100		
109	25.1	20.1	30.1
65	36.7	31.5	47.3





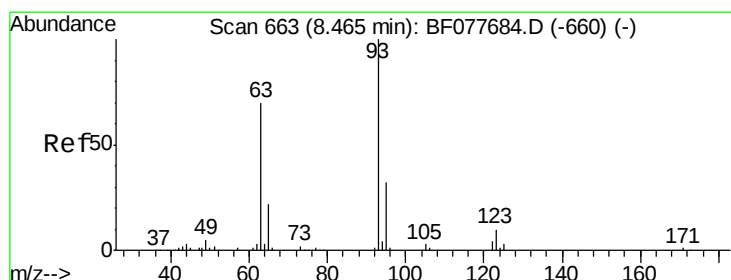
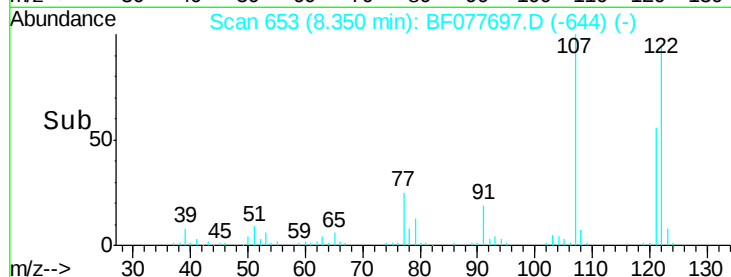
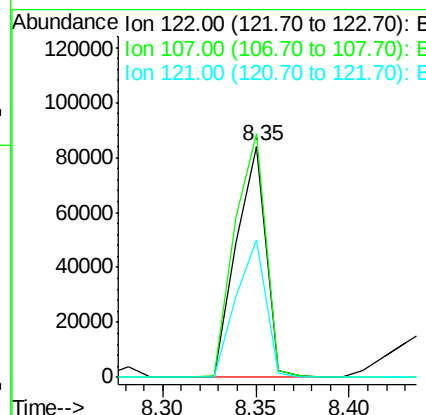
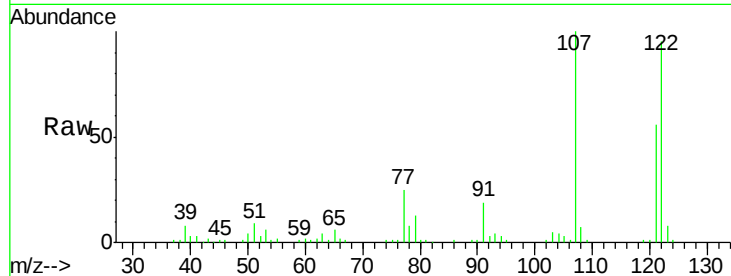
#27
 2,4-Dimethylphenol
 Concen: 29.20 ng
 RT: 8.35 min Scan# 653
 Delta R.T. 0.00 min
 Lab File: BF077697.D
 Acq: 11 Mar 2015 20:00

Instrument :
 BNA_F
 ClientSampleId :
 FK-GF-01-012-AMS

Tot Ion	Ratio	Lower	Upper
122	100		
107	105.3	84.7	127.1
121	59.3	46.6	69.8

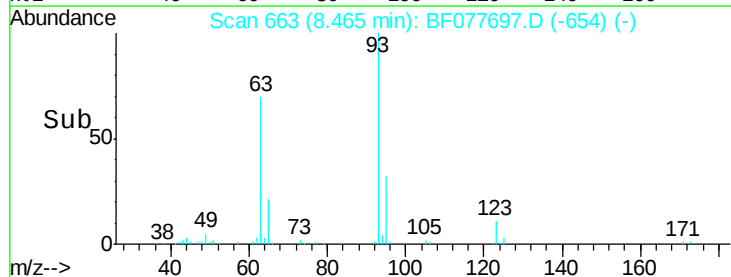
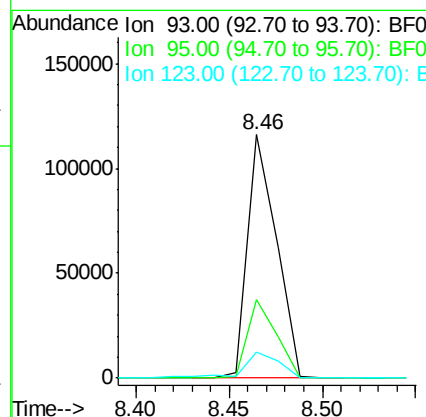
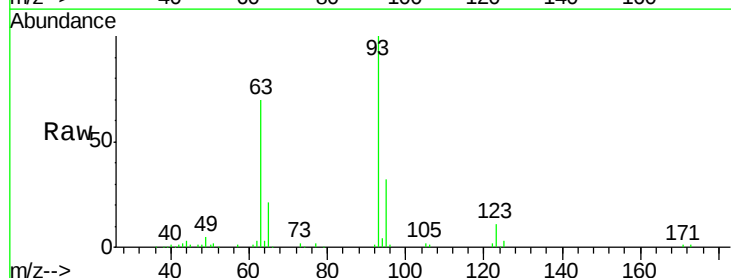
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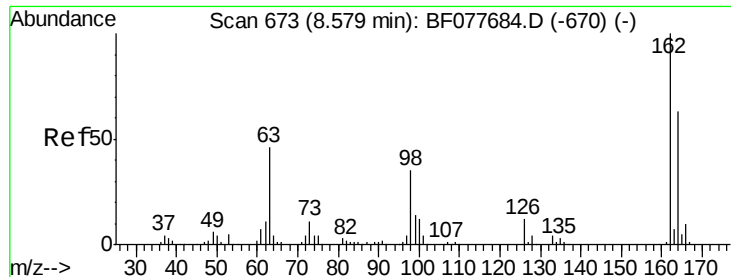
mohammad
 3/13/2015 9:40:27 AM



#28
 bis(2-Chloroethoxy)methane
 Concen: 30.56 ng
 RT: 8.46 min Scan# 663
 Delta R.T. 0.00 min
 Lab File: BF077697.D
 Acq: 11 Mar 2015 20:00

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.5	25.5	38.3
123	10.6	8.6	13.0





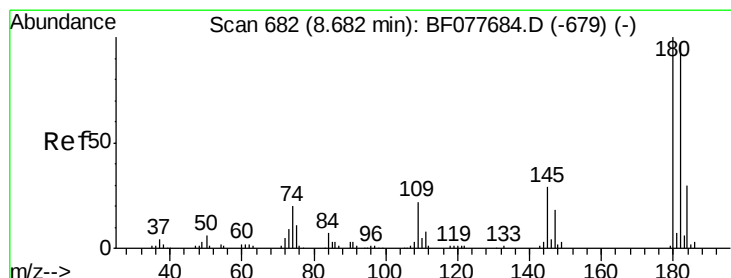
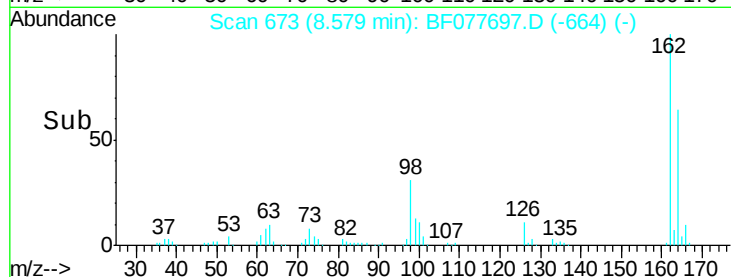
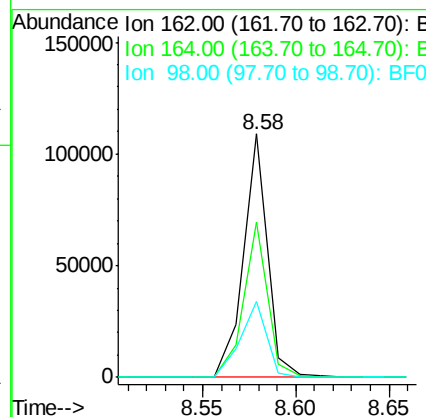
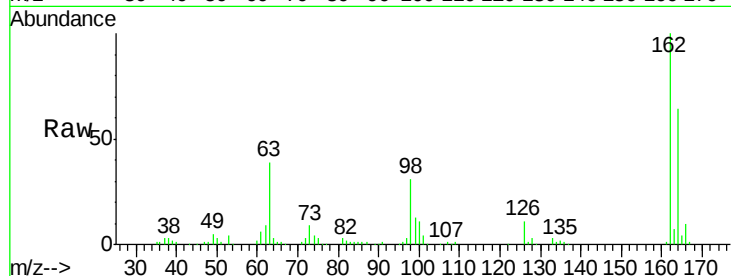
#29
 2,4-Dichlorophenol
 Concen: 32.18 ng
 RT: 8.58 min Scan# 673
 Delta R.T. 0.00 min
 Lab File: BF077697.D
 Acq: 11 Mar 2015 20:00

Instrument :
 BNA_F
 ClientSampleId :
 FK-GF-01-012-AMS

Tot Ion:	162	Resp:	98230
Ion Ratio	Lower	Upper	
162	100		
164	63.7	42.8	82.8
98	31.3	14.5	54.5

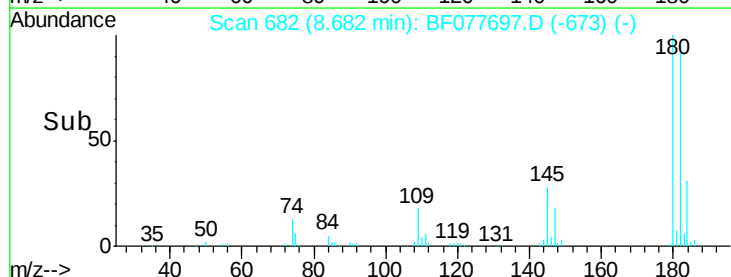
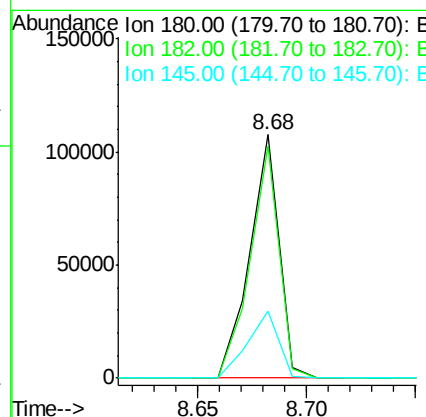
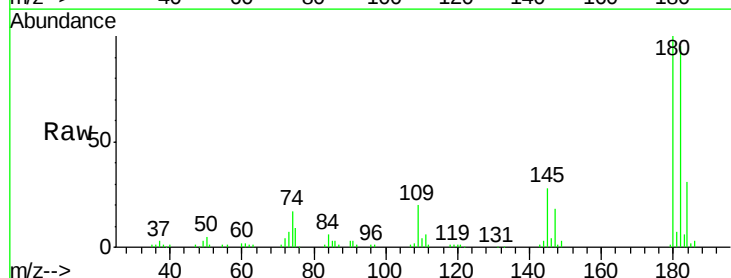
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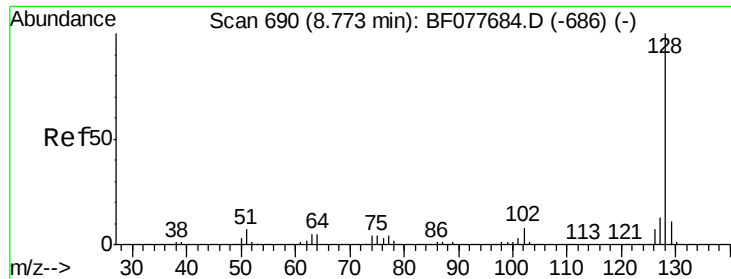
mohammad
 3/13/2015 9:40:27 AM



#30
 1,2,4-Trichlorobenzene
 Concen: 29.39 ng
 RT: 8.68 min Scan# 682
 Delta R.T. 0.00 min
 Lab File: BF077697.D
 Acq: 11 Mar 2015 20:00

Tgt Ion:	180	Resp:	100390
Ion Ratio	Lower	Upper	
180	100		
182	95.1	77.6	116.4
145	27.7	23.4	35.2





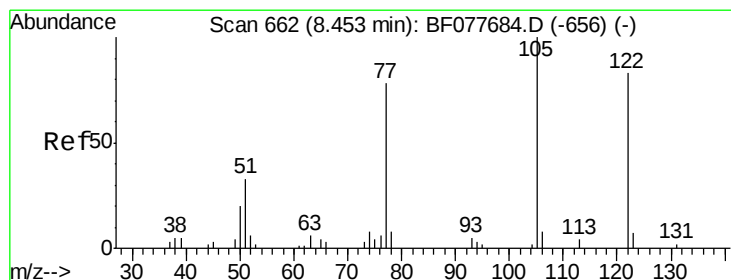
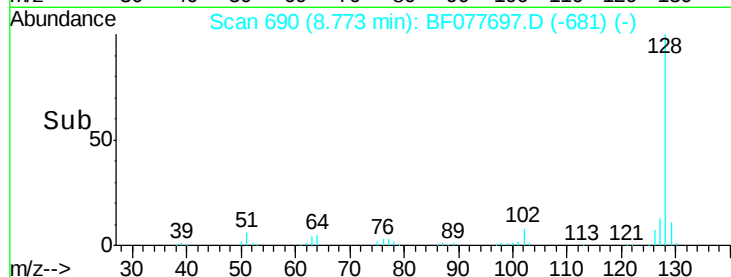
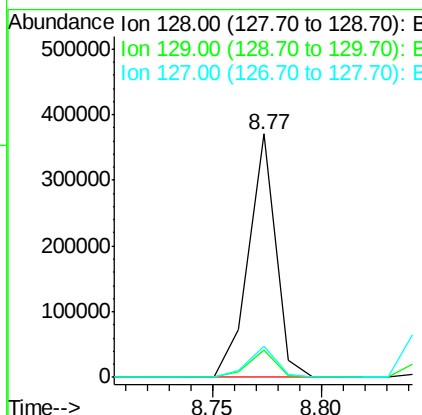
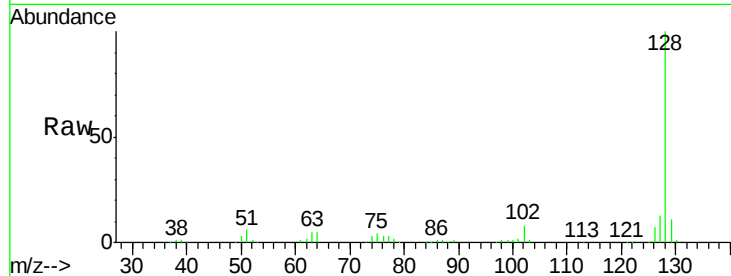
#31
Naphthalene
Concen: 28.77 ng
RT: 8.77 min Scan# 690
Delta R.T. 0.00 min
Lab File: BF077697.D
Acq: 11 Mar 2015 20:00

Instrument :
BNA_F
ClientSampleId :
FK-GF-01-012-AMS

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.0	8.9	13.3
127	13.0	10.4	15.6

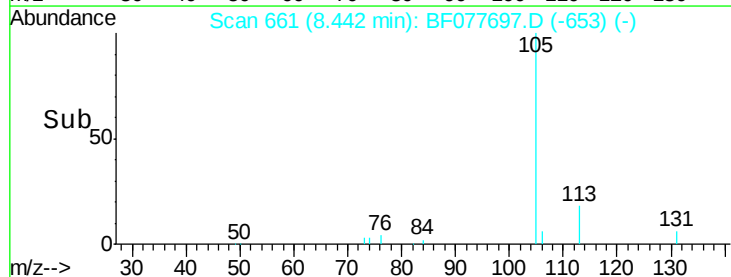
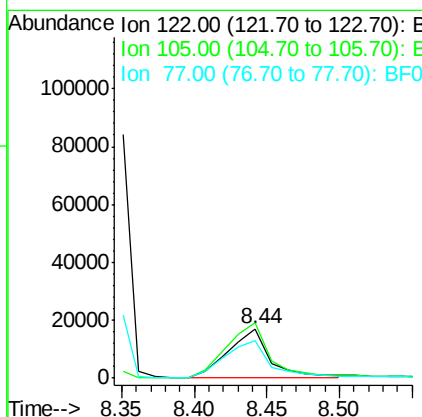
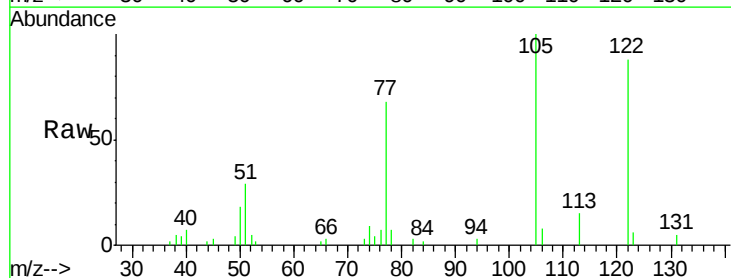
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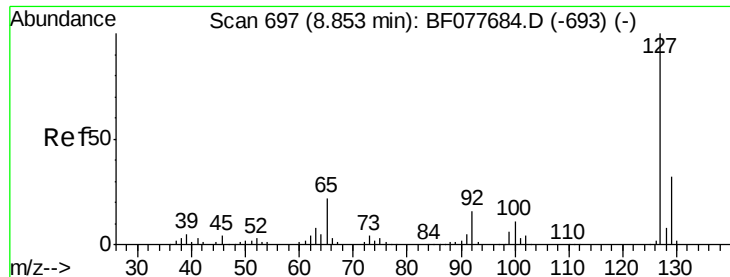
mohammad
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#32
Benzoic acid
Concen: 21.24 ng
RT: 8.44 min Scan# 661
Delta R.T. -0.01 min
Lab File: BF077697.D
Acq: 11 Mar 2015 20:00

Tgt Ion	Ratio	Lower	Upper
122	100		
105	113.6	99.9	139.9
77	77.1	73.7	113.7





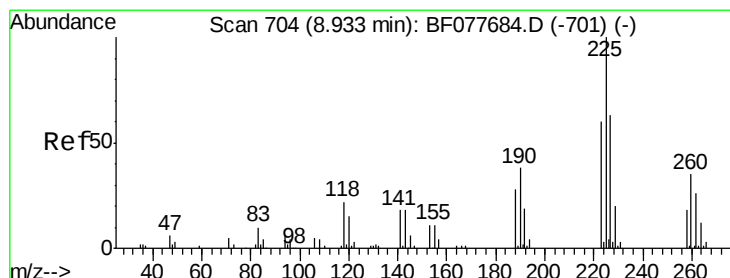
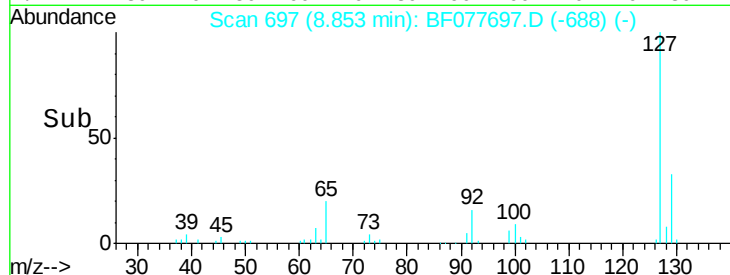
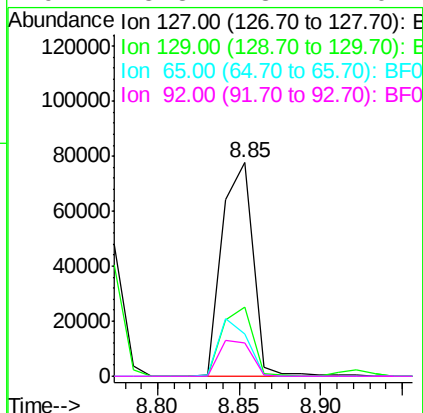
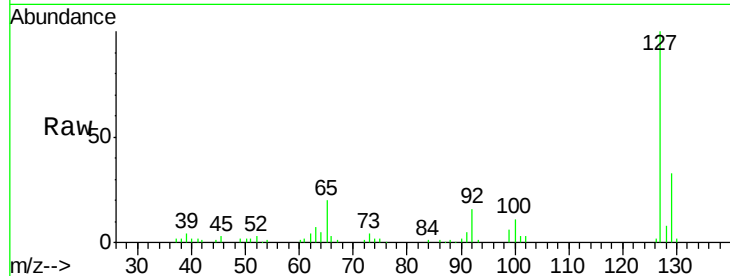
#33
4-Chloroaniline
Concen: 22.33 ng
RT: 8.85 min Scan# 697
Delta R.T. 0.00 min
Lab File: BF077697.D
Acq: 11 Mar 2015 20:00

Instrument :
BNA_F
ClientSampleId :
FK-GF-01-012-AMS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	32.6	25.3	37.9		
65	20.0	17.6	26.4		
92	15.8	13.1	19.7		

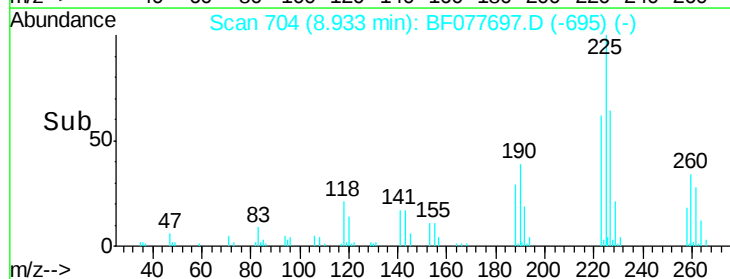
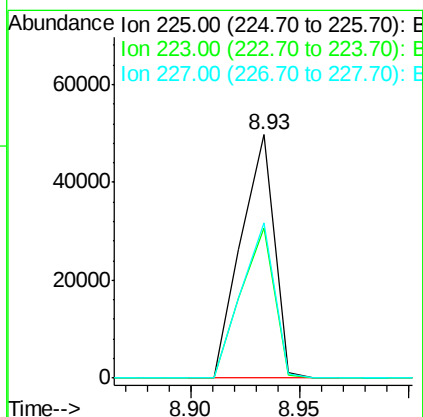
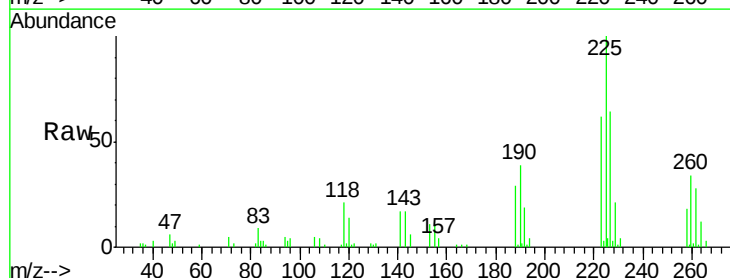
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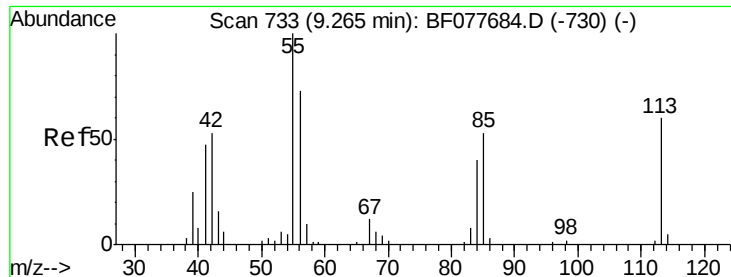
mohammad
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#34
Hexachlorobutadiene
Concen: 27.31 ng
RT: 8.93 min Scan# 704
Delta R.T. 0.00 min
Lab File: BF077697.D
Acq: 11 Mar 2015 20:00

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	61.8	47.9	71.9		
227	63.9	50.1	75.1		





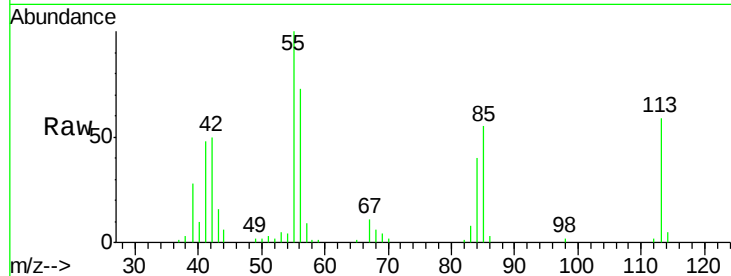
#35
Caprolactam
Concen: 31.52 ng
RT: 9.25 min Scan# 732
Delta R.T. -0.01 min
Lab File: BF077697.D
Acq: 11 Mar 2015 20:00

Instrument :
BNA_F
ClientSampleId :
FK-GF-01-012-AMS

Tot Ion	Ratio	Lower	Upper
113	100		
55	169.3	145.9	185.9
56	123.3	101.0	141.0

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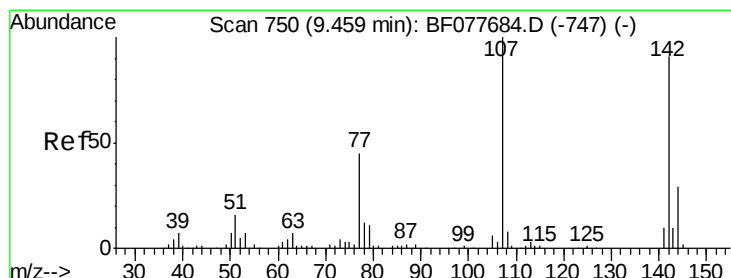
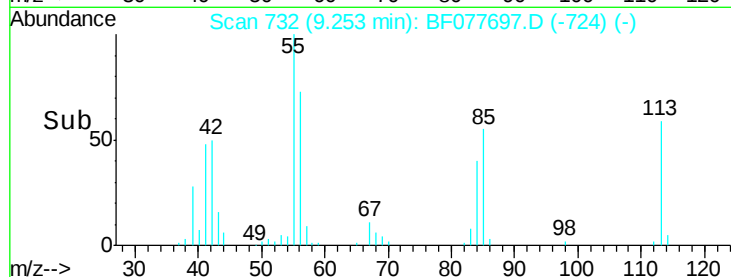
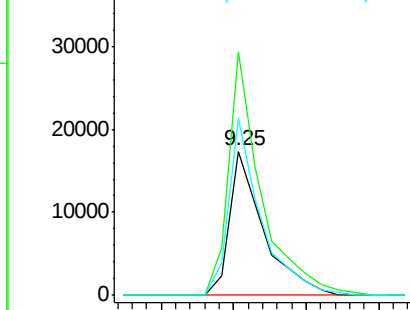


Abundance

Ion 113.00 (112.70 to 113.70): E

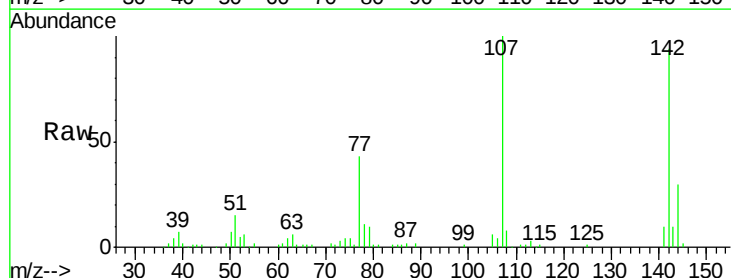
Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#36
4-Chloro-3-methylphenol
Concen: 31.46 ng
RT: 9.46 min Scan# 750
Delta R.T. 0.00 min
Lab File: BF077697.D
Acq: 11 Mar 2015 20:00

Tgt Ion	Ratio	Lower	Upper
107	100		
144	29.9	23.3	34.9
142	94.5	72.6	109.0

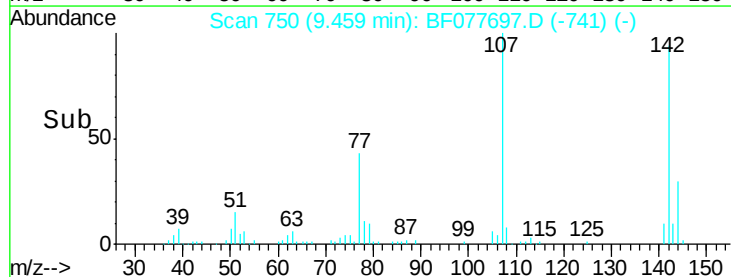
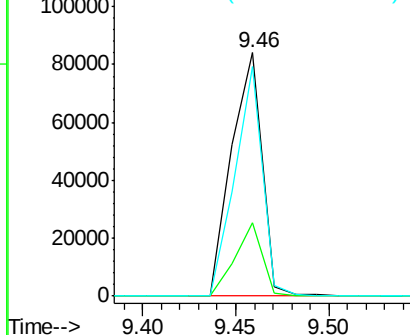


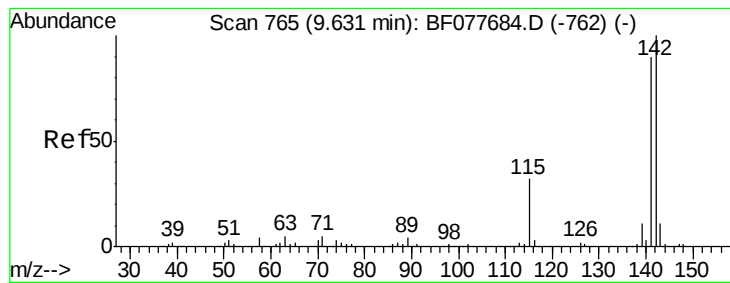
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





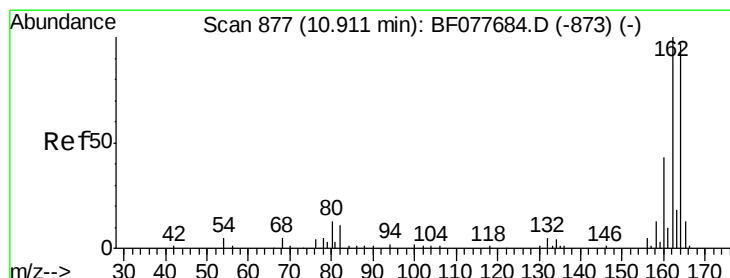
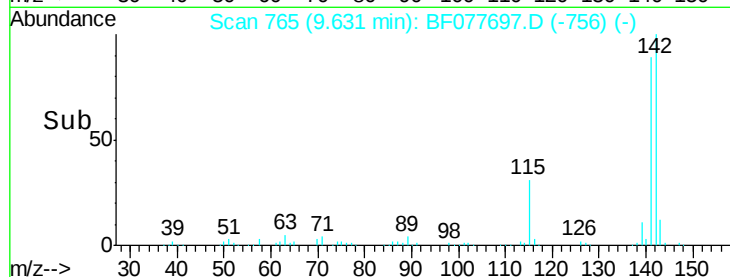
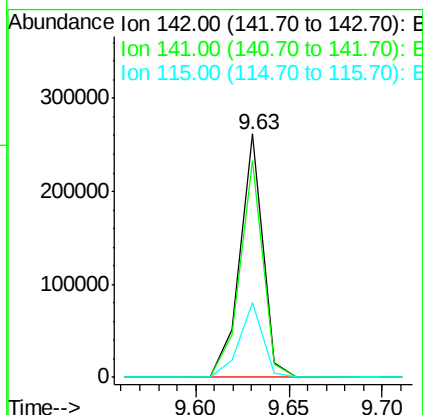
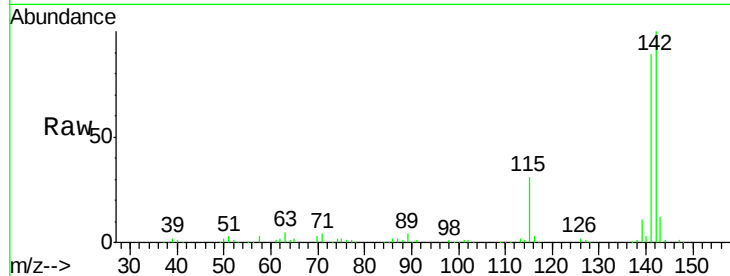
#37
2-Methylnaphthalene
Concen: 29.99 ng
RT: 9.63 min Scan# 765
Delta R.T. 0.00 min
Lab File: BF077697.D
Acq: 11 Mar 2015 20:00

Instrument :
BNA_F
ClientSampleId :
FK-GF-01-012-AMS

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.9	71.9	107.9
115	30.8	25.4	38.0

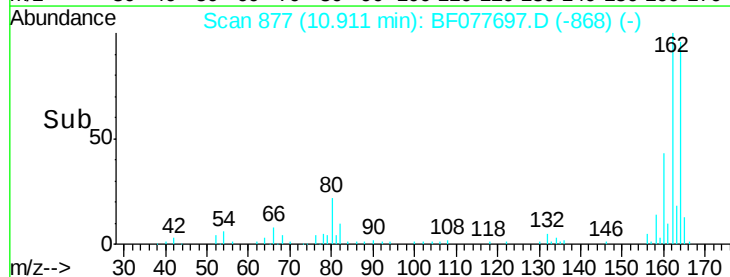
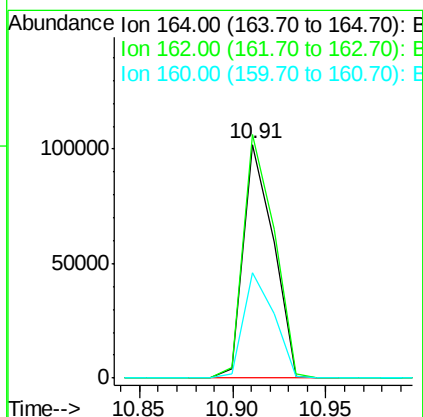
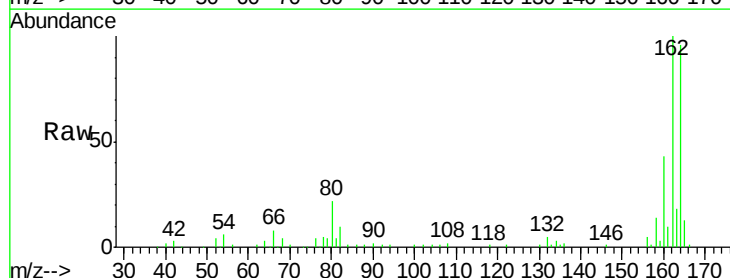
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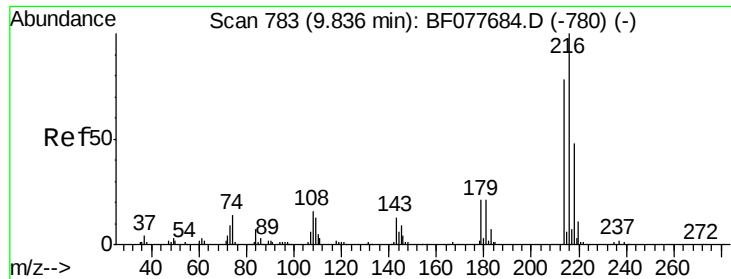
mohammad
3/13/2015 9:40:27 AM



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.91 min Scan# 877
Delta R.T. 0.00 min
Lab File: BF077697.D
Acq: 11 Mar 2015 20:00

Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.3	82.4	123.6
160	44.9	35.8	53.6





#39

1,2,4,5-Tetrachlorobenzene

Concen: 28.71 ng

RT: 9.84 min Scan# 783

Delta R.T. 0.00 min

Lab File: BF077697.D

Acq: 11 Mar 2015 20:00

Instrument :

BNA_F

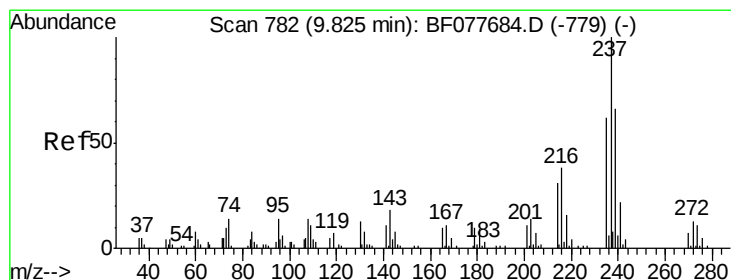
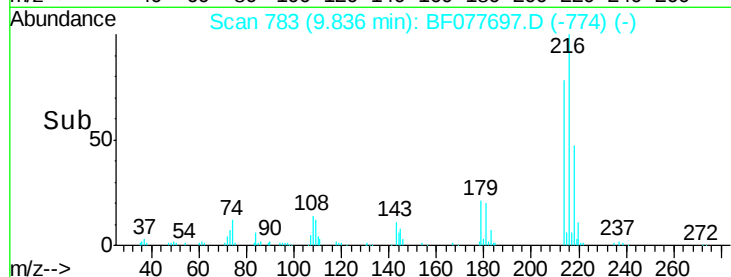
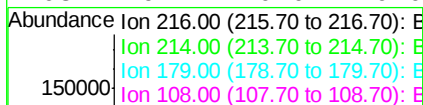
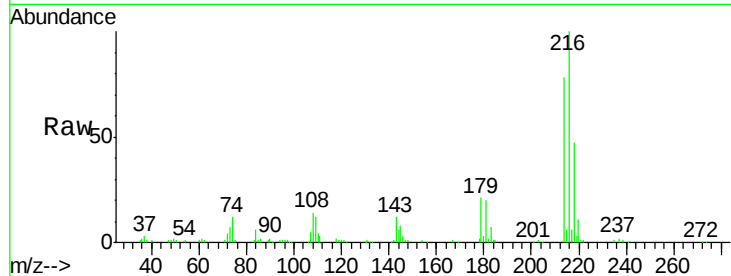
ClientSampleId :

FK-GF-01-012-AMS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
216	100				
214	78.2	0.0	0.0#		
179	21.7	0.0	0.0#		
108	19.4	0.0	0.0#		

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#40

Hexachlorocyclopentadiene

Concen: 54.74 ng

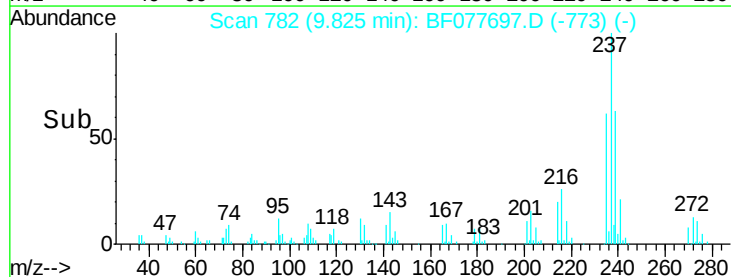
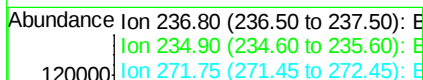
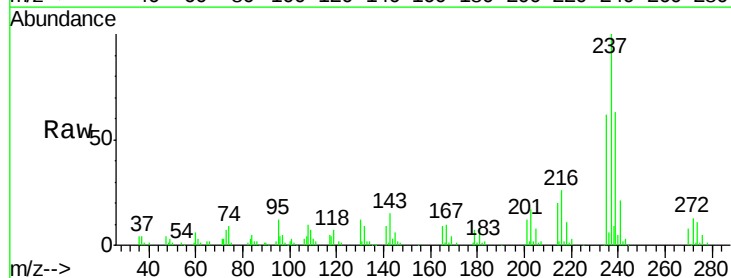
RT: 9.82 min Scan# 782

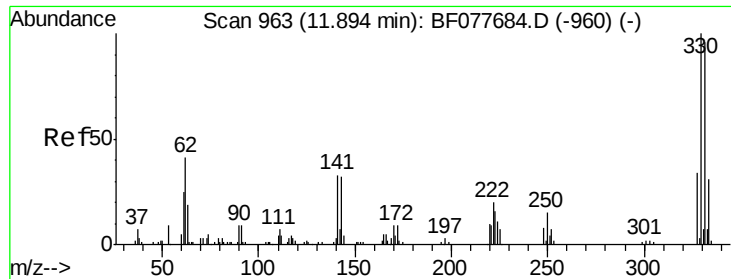
Delta R.T. 0.00 min

Lab File: BF077697.D

Acq: 11 Mar 2015 20:00

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
237	100				
235	61.8	42.0	82.0		
272	13.2	0.0	33.4		





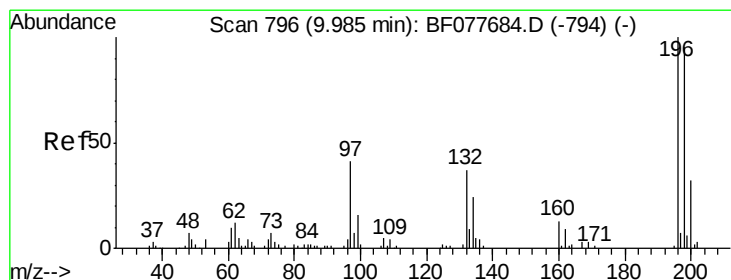
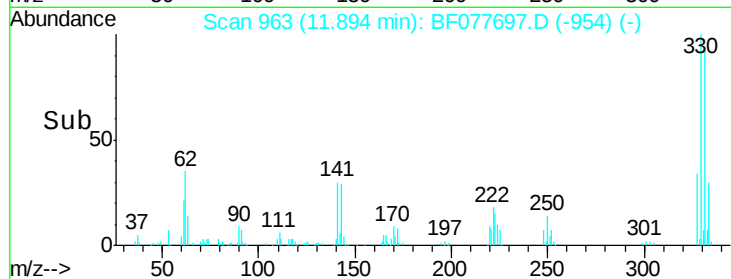
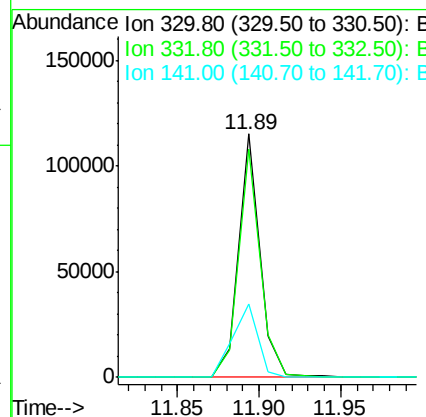
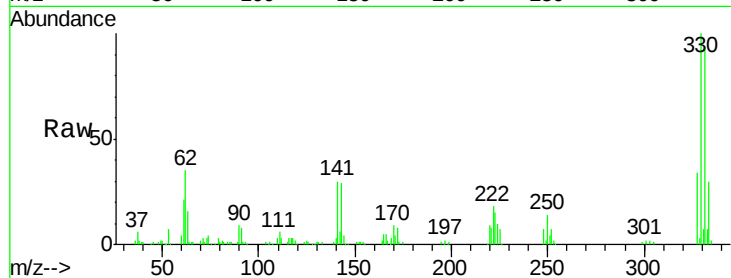
#41
 2,4,6-Tribromophenol
 Concen: 95.13 ng
 RT: 11.89 min Scan# 963
 Delta R.T. 0.00 min
 Lab File: BF077697.D
 Acq: 11 Mar 2015 20:00

Instrument :
 BNA_F
 ClientSampleId :
 FK-GF-01-012-AMS

Tot Ion	Ratio	Resp Lower	Upper
330	100		
332	95.0	0.0	0.0#
141	34.9	0.0	0.0#

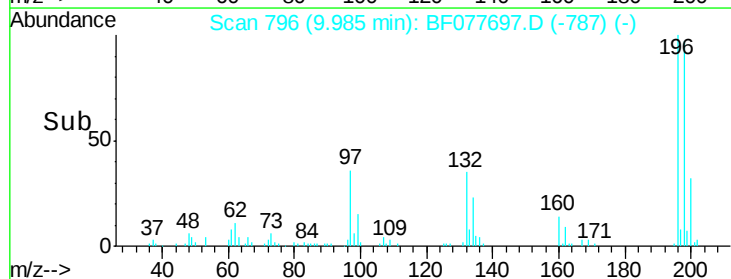
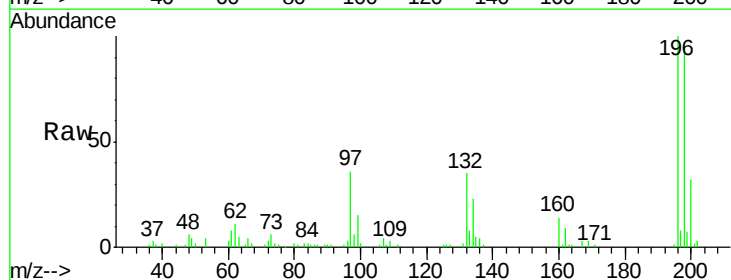
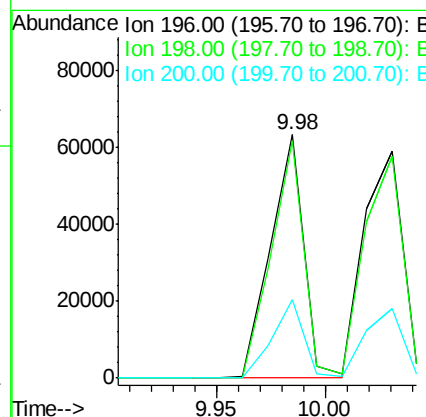
Manual Integrations
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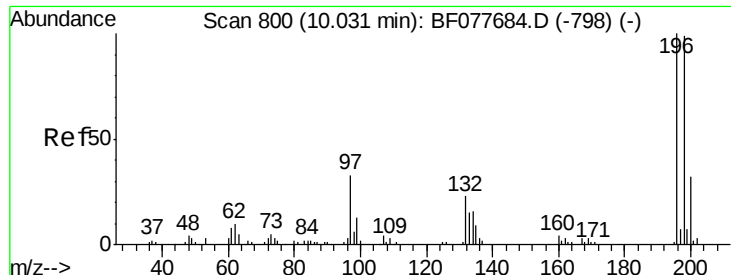
mohammad
 3/13/2015 9:40:27 AM



#42
 2,4,6-Trichlorophenol
 Concen: 28.65 ng
 RT: 9.98 min Scan# 796
 Delta R.T. 0.00 min
 Lab File: BF077697.D
 Acq: 11 Mar 2015 20:00

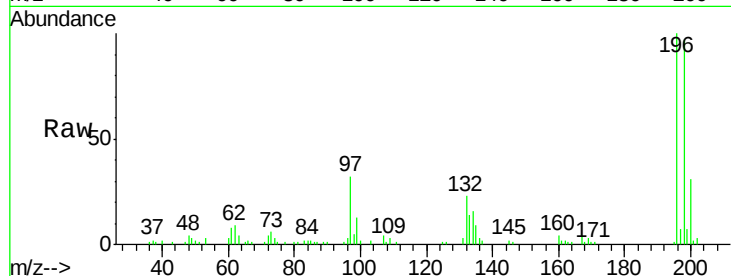
Tgt Ion	Ratio	Resp Lower	Upper
196	100		
198	97.4	76.3	114.5
200	32.5	25.6	38.4





#43
 2,4,5-Trichlorophenol
 Concen: 29.03 ng
 RT: 10.03 min Scan# 800
 Delta R.T. 0.00 min
 Lab File: BF077697.D
 Acq: 11 Mar 2015 20:00

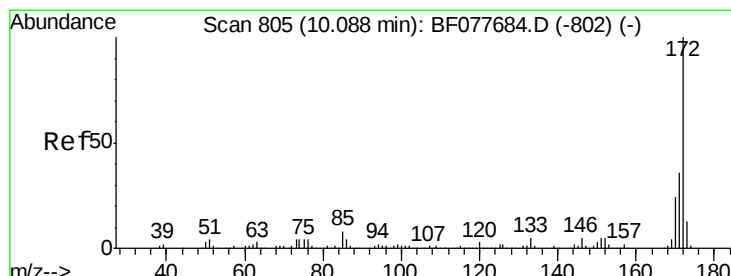
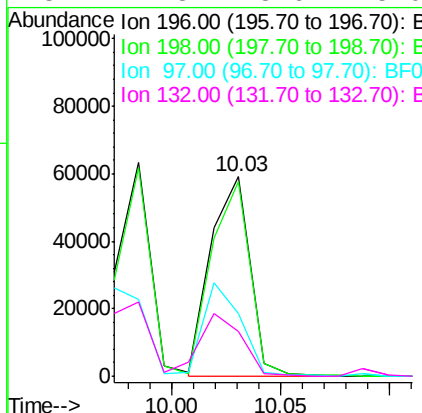
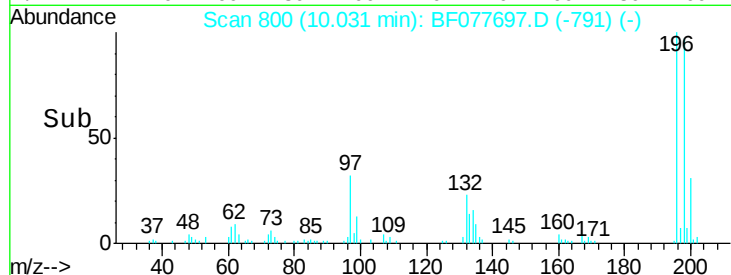
Instrument :
 BNA_F
 ClientSampleId :
 FK-GF-01-012-AMS



Tot Ion	196	Resp	74079
Ion Ratio	Lower	Upper	
196	100		
198	97.5	79.4	119.0
97	31.5	26.8	40.2
132	22.8	18.6	28.0

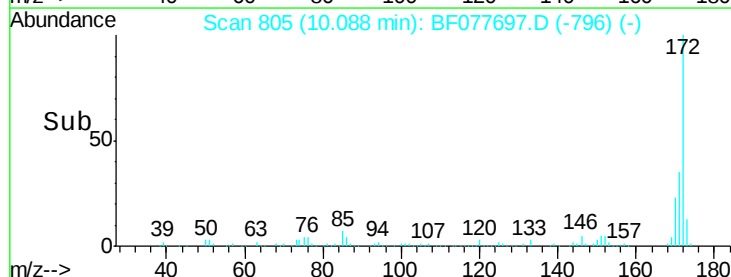
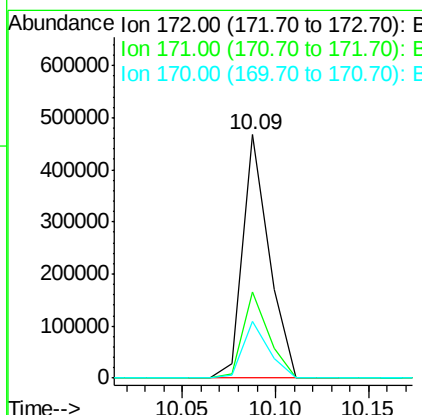
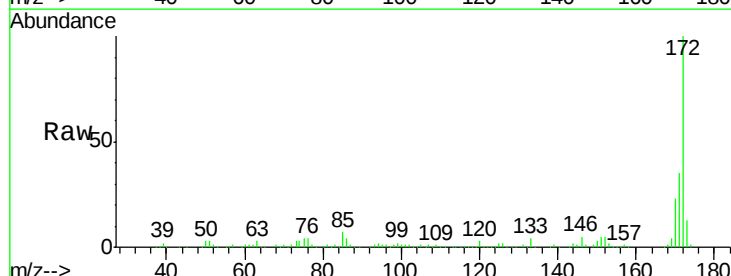
Manual Integrations
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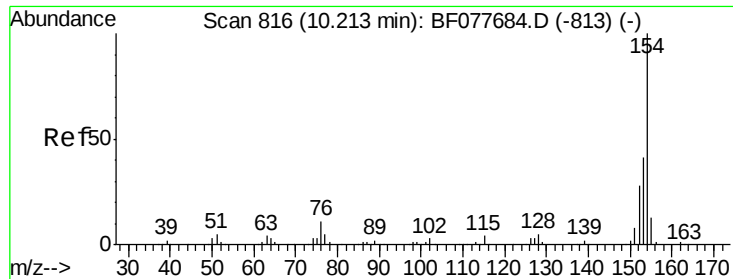
mohammad
 3/13/2015 9:40:27 AM



#44
 2-Fluorobiphenyl
 Concen: 58.60 ng
 RT: 10.09 min Scan# 805
 Delta R.T. 0.00 min
 Lab File: BF077697.D
 Acq: 11 Mar 2015 20:00

Tgt Ion	172	Resp	455900
Ion Ratio	Lower	Upper	
172	100		
171	35.5	28.5	42.7
170	23.1	18.8	28.2





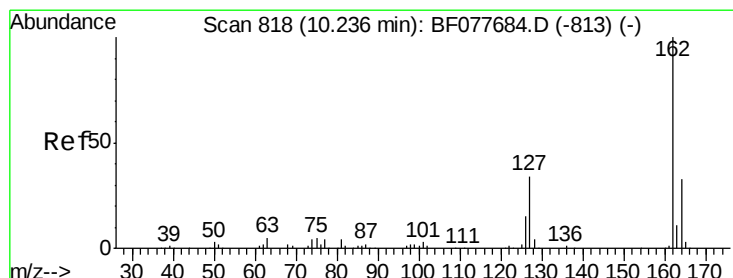
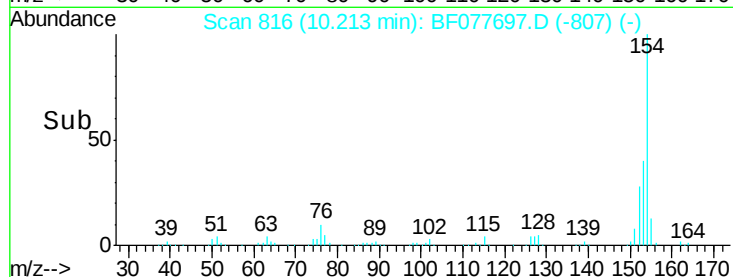
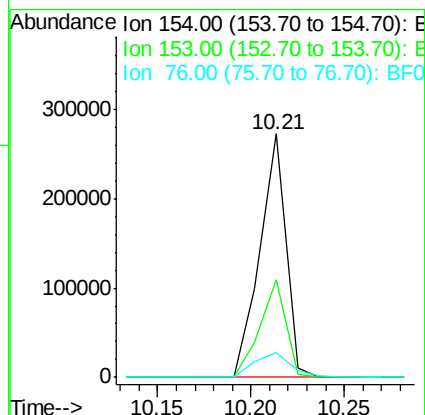
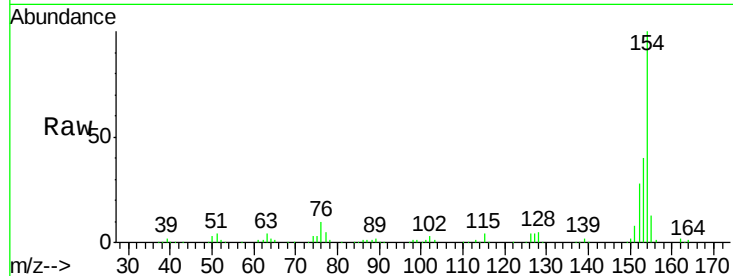
#45
1,1'-Biphenyl
Concen: 28.73 ng
RT: 10.21 min Scan# 816
Delta R.T. 0.00 min
Lab File: BF077697.D
Acq: 11 Mar 2015 20:00

Instrument :
BNA_F
ClientSampleId :
FK-GF-01-012-AMS

Tot Ion:	154	Resp:	262616
Ion Ratio	Lower	Upper	
154	100		
153	40.1	20.7	60.7
76	10.2	0.0	30.9

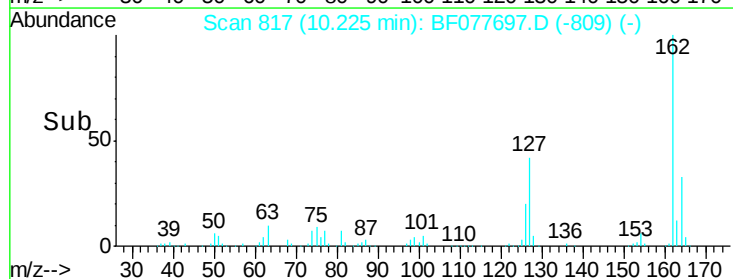
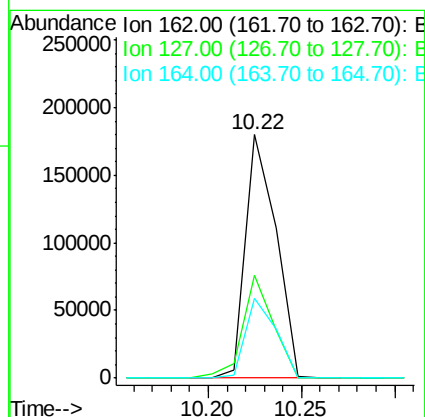
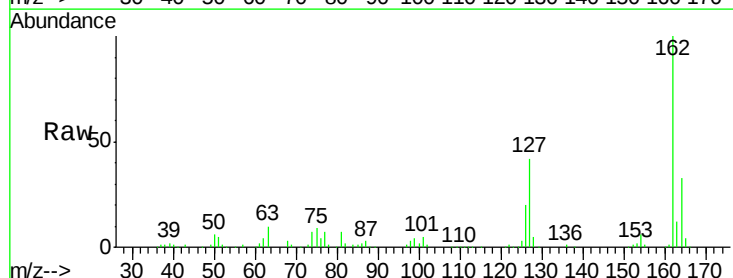
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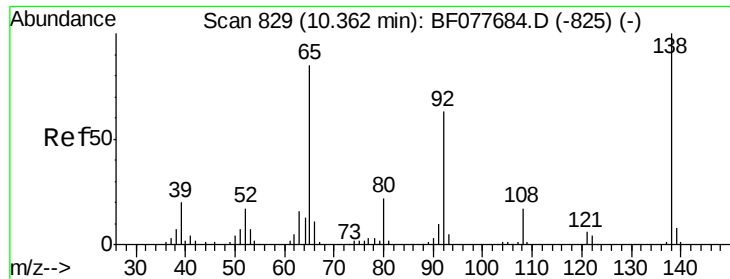
mohammad
3/13/2015 9:40:27 AM



#46
2-Chloronaphthalene
Concen: 27.46 ng
RT: 10.22 min Scan# 817
Delta R.T. -0.01 min
Lab File: BF077697.D
Acq: 11 Mar 2015 20:00

Tgt Ion:	162	Resp:	203959
Ion Ratio	Lower	Upper	
162	100		
127	42.4	26.9	40.3#
164	32.8	26.8	40.2





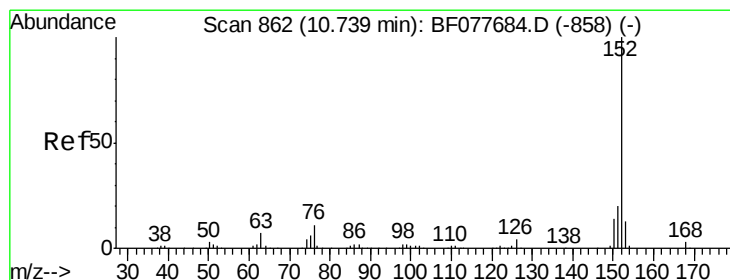
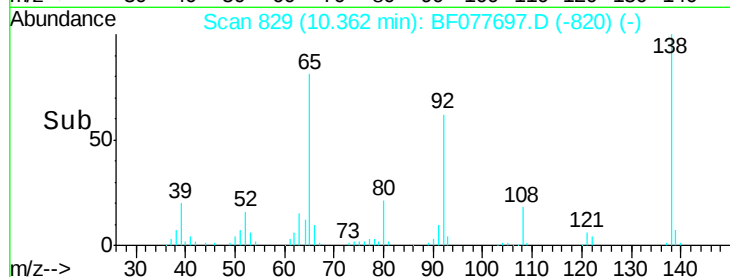
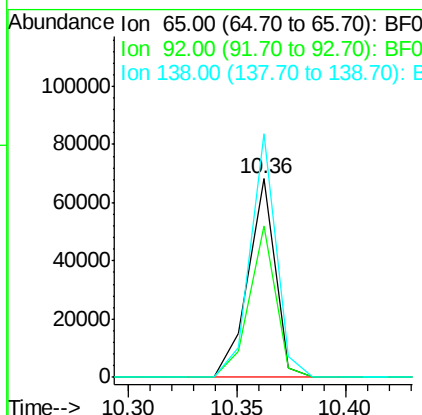
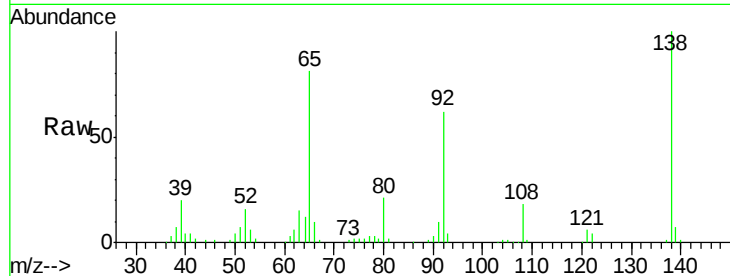
#47
 2-Nitroaniline
 Concen: 32.23 ng
 RT: 10.36 min Scan# 829
 Delta R.T. 0.00 min
 Lab File: BF077697.D
 Acq: 11 Mar 2015 20:00

Instrument :
 BNA_F
 ClientSampleId :
 FK-GF-01-012-AMS

Tot Ion	Ratio	Lower	Upper
65	100		
92	76.7	59.1	88.7
138	122.7	93.9	140.9

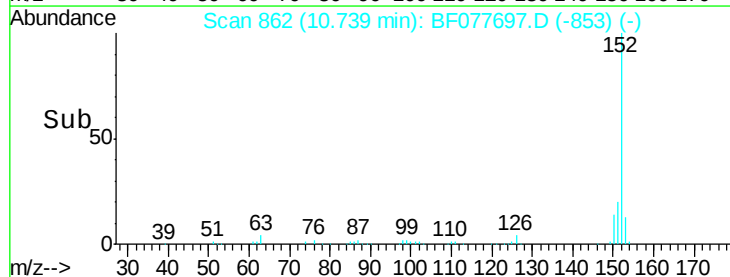
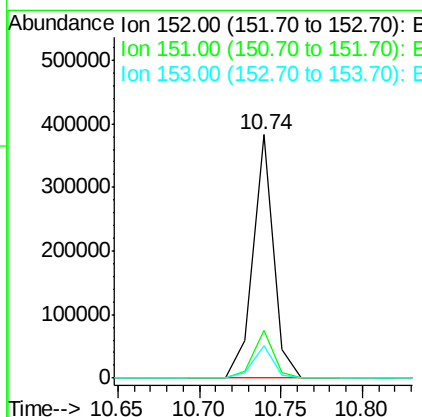
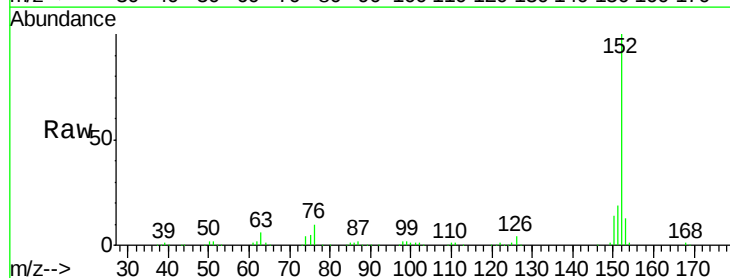
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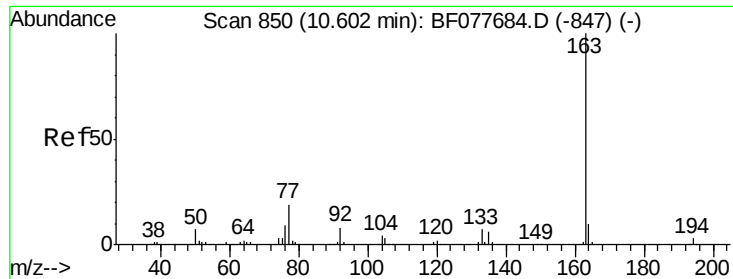
mohammad
 3/13/2015 9:40:27 AM



#48
 Acenaphthylene
 Concen: 27.08 ng
 RT: 10.74 min Scan# 862
 Delta R.T. 0.00 min
 Lab File: BF077697.D
 Acq: 11 Mar 2015 20:00

Tgt Ion	Ratio	Lower	Upper
152	100		
151	19.4	15.9	23.9
153	13.3	10.6	16.0





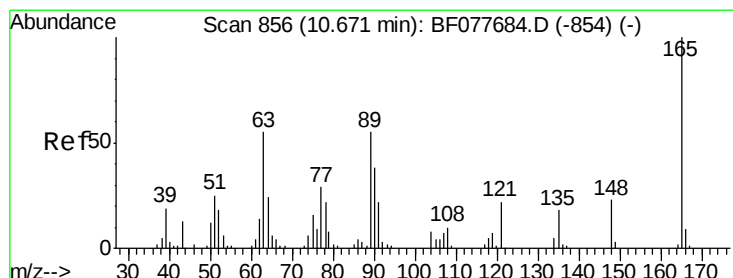
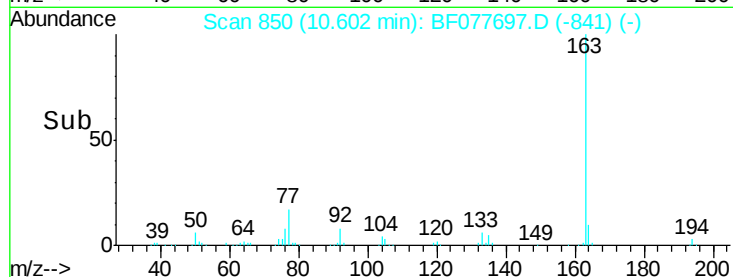
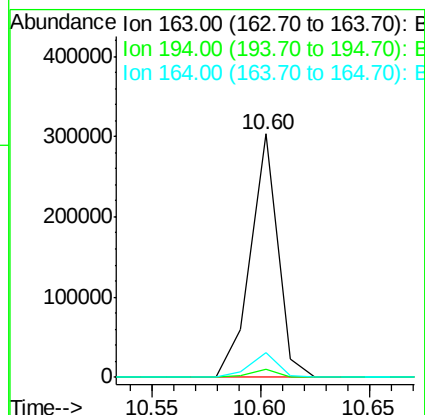
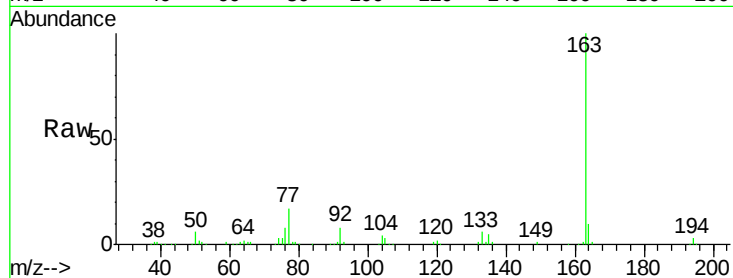
#49
Dimethylphthalate
Concen: 31.20 ng
RT: 10.60 min Scan# 850
Delta R.T. 0.00 min
Lab File: BF077697.D
Acq: 11 Mar 2015 20:00

Instrument :
BNA_F
ClientSampleId :
FK-GF-01-012-AMS

Tot Ion	Ratio	Resp	Lower	Upper
163	100	264573		
194	3.5		2.7	4.1
164	10.1		8.2	12.2

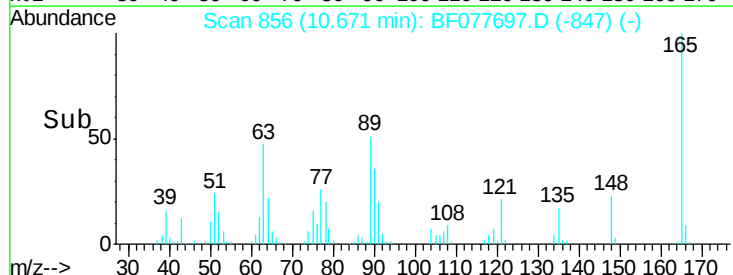
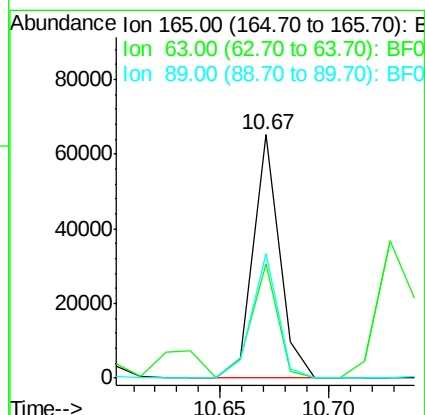
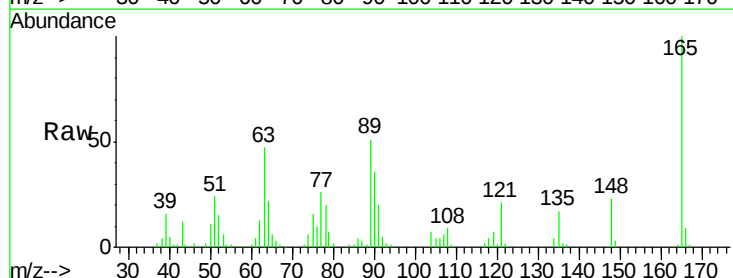
Manual Integrations
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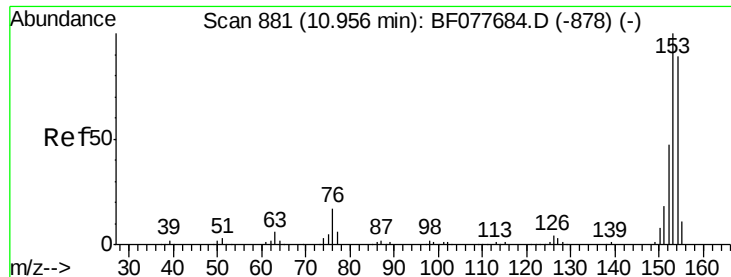
mohammad
3/13/2015 9:40:27 AM



#50
2,6-Dinitrotoluene
Concen: 31.22 ng
RT: 10.67 min Scan# 856
Delta R.T. 0.00 min
Lab File: BF077697.D
Acq: 11 Mar 2015 20:00

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	54873		
63	47.0		44.1	66.1
89	51.2		44.3	66.5





#51

Acenaphthene

Concen: 27.29 ng

RT: 10.96 min Scan# 881

Delta R.T. 0.00 min

Lab File: BF077697.D

Acq: 11 Mar 2015 20:00

Instrument :

BNA_F

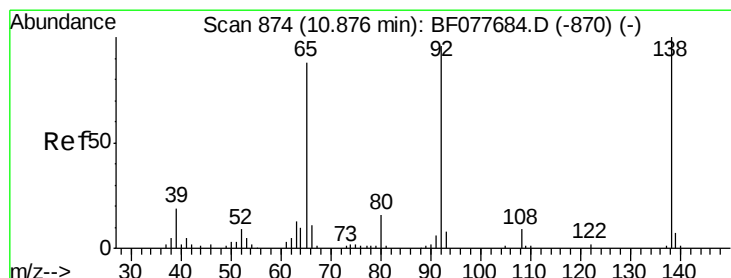
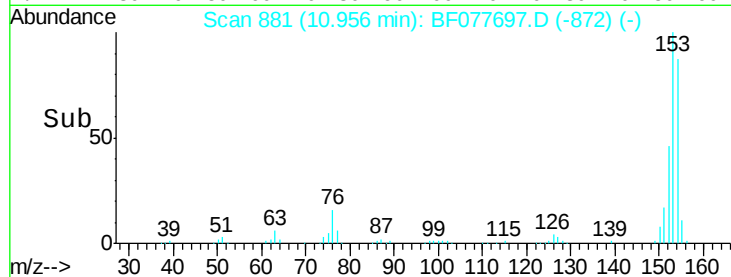
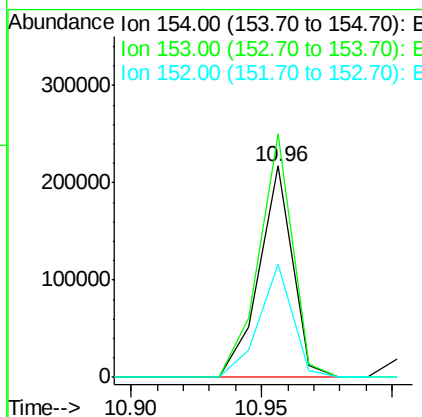
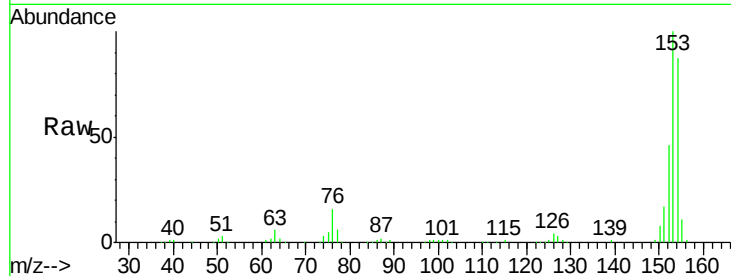
ClientSampleId :

FK-GF-01-012-AMS

Tot Ion:	154	Resp:	193282
Ion Ratio	Lower	Upper	
154	100		
153	115.2	90.0	135.0
152	53.3	42.6	63.8

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mohammad
3/13/2015 9:40:27 AM



#52

3-Nitroaniline

Concen: 25.48 ng

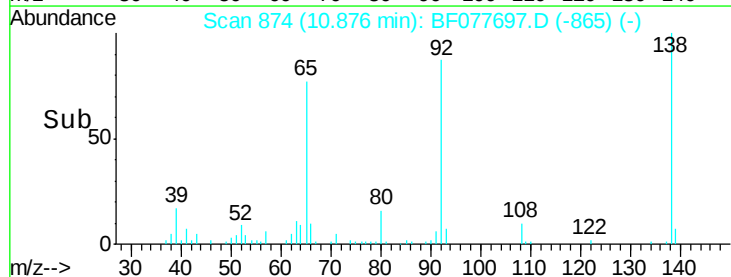
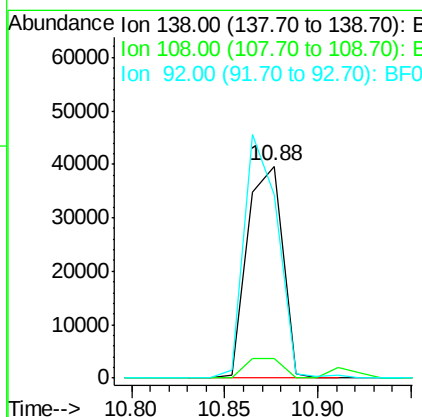
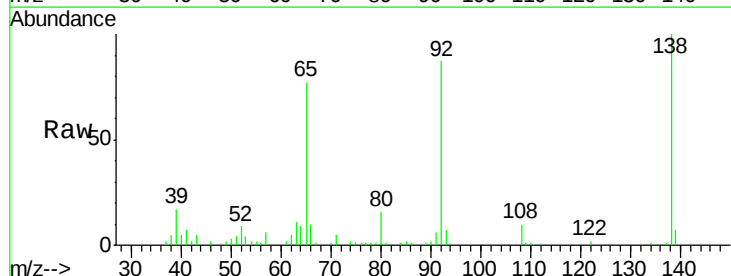
RT: 10.88 min Scan# 874

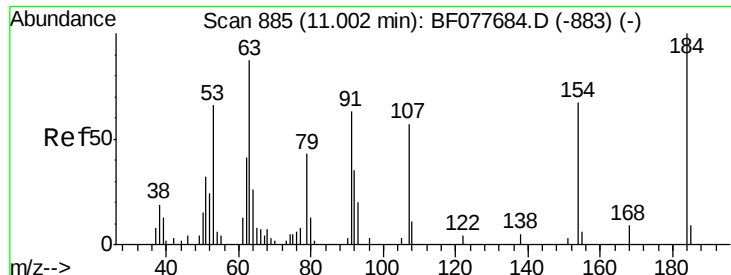
Delta R.T. 0.00 min

Lab File: BF077697.D

Acq: 11 Mar 2015 20:00

Tgt Ion:	138	Resp:	52014
Ion Ratio	Lower	Upper	
138	100		
108	9.5	7.3	10.9
92	86.7	76.6	114.8





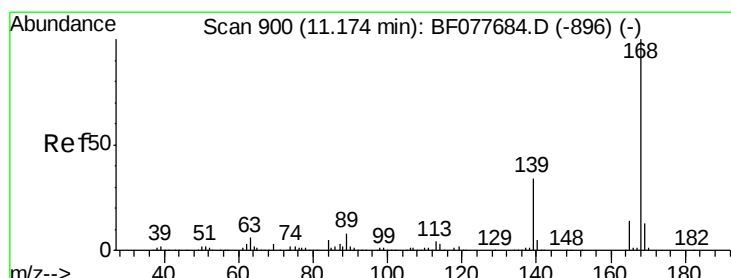
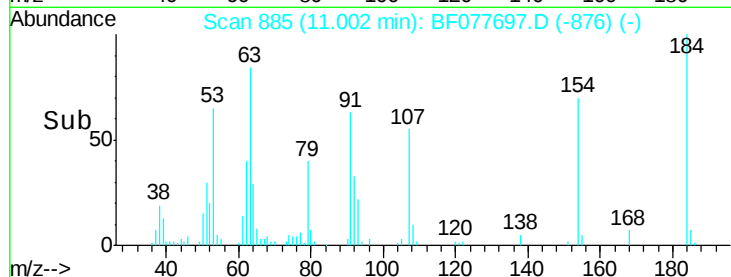
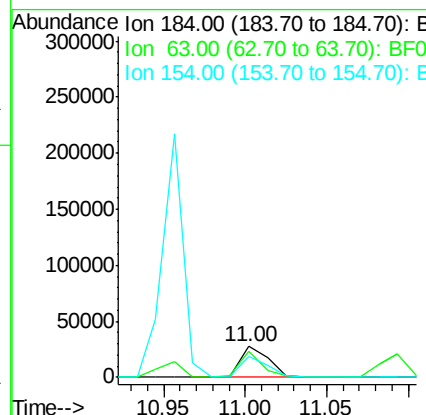
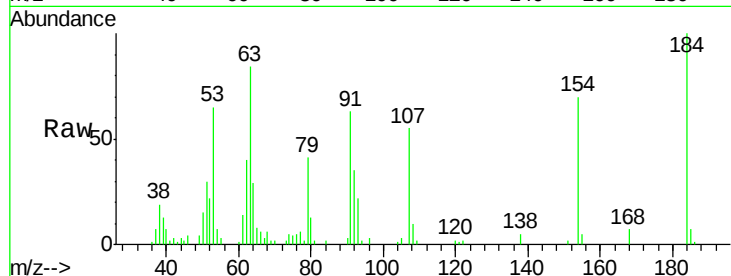
#53
2,4-Dinitrophenol
Concen: 54.62 ng
RT: 11.00 min Scan# 885
Delta R.T. 0.00 min
Lab File: BF077697.D
Acq: 11 Mar 2015 20:00

Instrument :
BNA_F
ClientSampleId :
FK-GF-01-012-AMS

Tot Ion	Ratio	Lower	Upper
184	100		
63	83.8	69.2	103.8
154	69.6	53.3	79.9

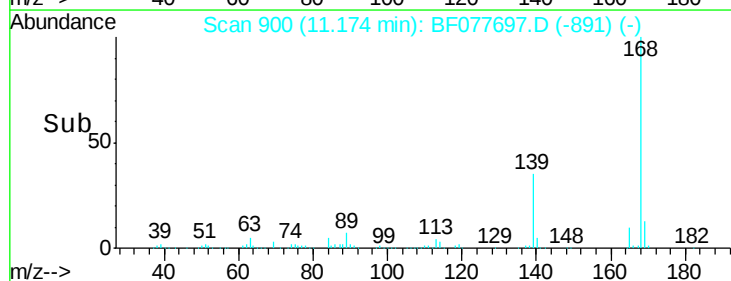
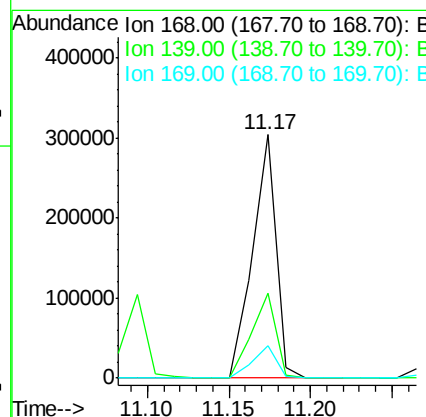
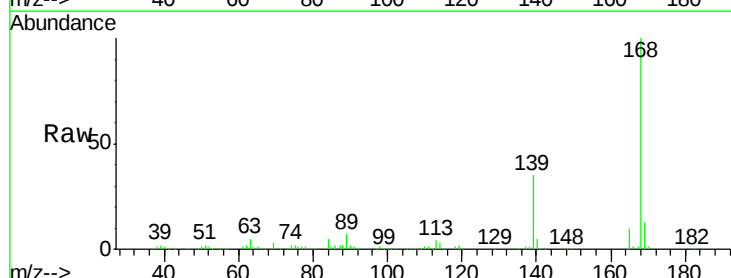
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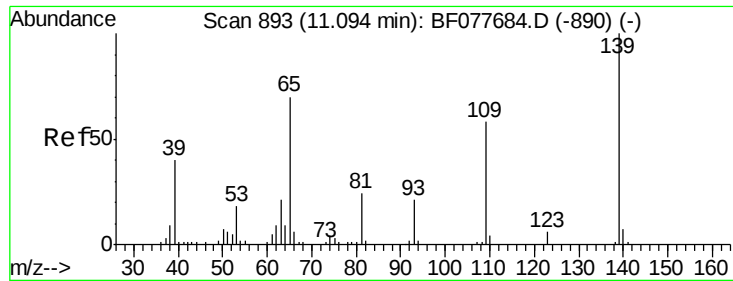
mohammad
3/13/2015 9:40:27 AM



#54
Dibenzofuran
Concen: 28.84 ng
RT: 11.17 min Scan# 900
Delta R.T. 0.00 min
Lab File: BF077697.D
Acq: 11 Mar 2015 20:00

Tgt Ion	Ratio	Lower	Upper
168	100		
139	34.7	27.3	40.9
169	13.3	10.6	16.0





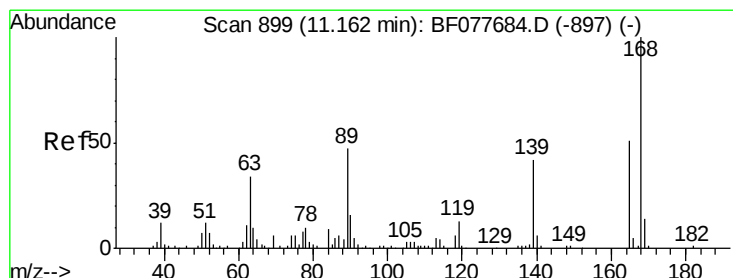
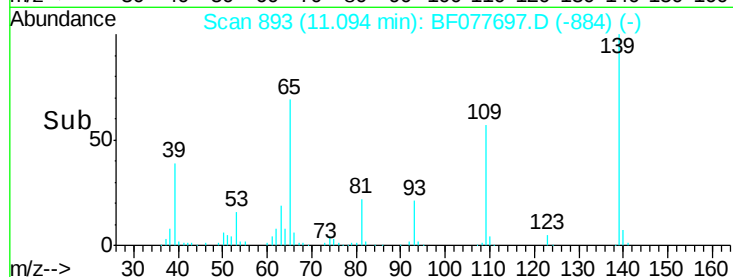
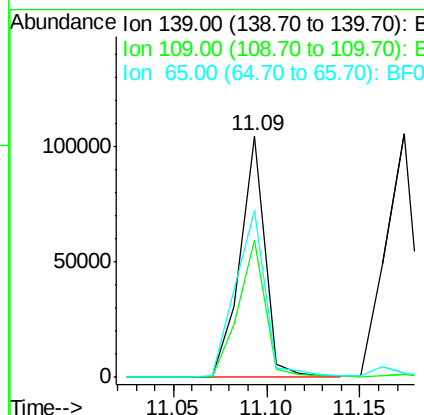
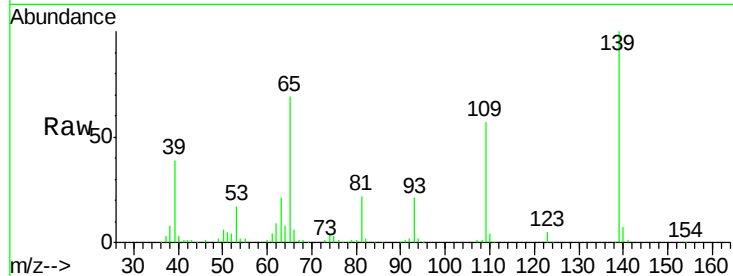
#55
4-Nitrophenol
Concen: 65.37 ng
RT: 11.09 min Scan# 893
Delta R.T. 0.00 min
Lab File: BF077697.D
Acq: 11 Mar 2015 20:00

Instrument :
BNA_F
ClientSampleId :
FK-GF-01-012-AMS

Tot Ion	Ratio	Resp	Lower	Upper
139	100			
109	57.1	37.7	77.7	
65	69.1	49.9	89.9	

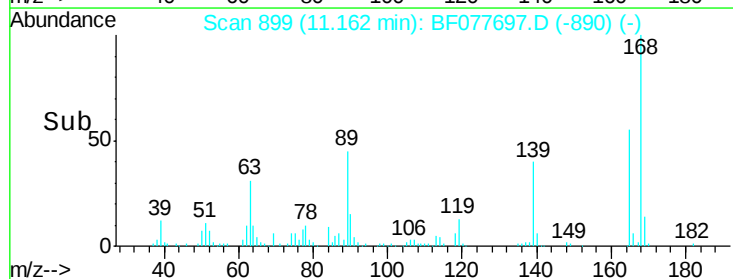
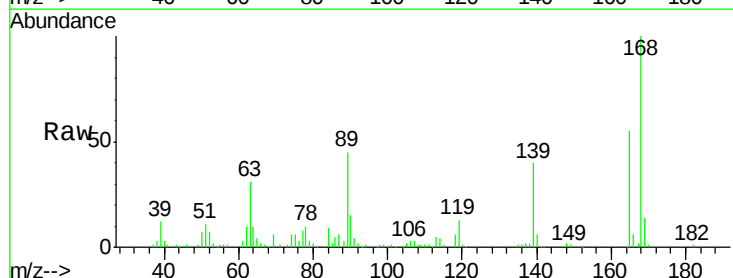
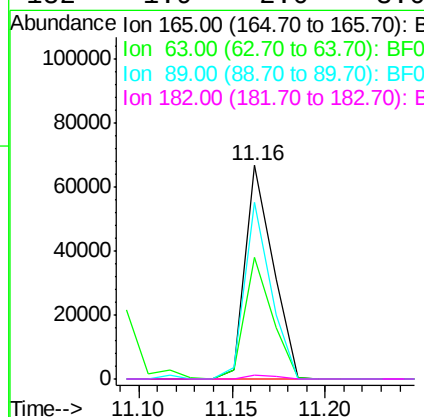
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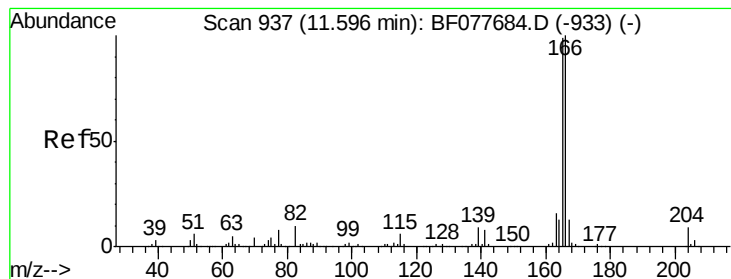
mohammad
3/13/2015 9:40:27 AM



#56
2,4-Dinitrotoluene
Concen: 30.33 ng
RT: 11.16 min Scan# 899
Delta R.T. 0.00 min
Lab File: BF077697.D
Acq: 11 Mar 2015 20:00

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	57.0	52.4	78.6	
89	82.5	72.4	108.6	
182	1.9	2.0	3.0	#





#57

Fluorene

Concen: 28.21 ng

RT: 11.60 min Scan# 937

Delta R.T. 0.00 min

Lab File: BF077697.D

Acq: 11 Mar 2015 20:00

Instrument :

BNA_F

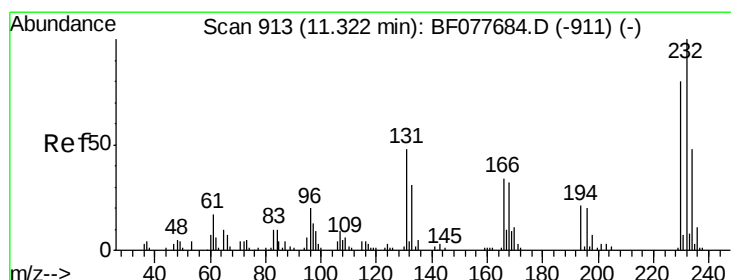
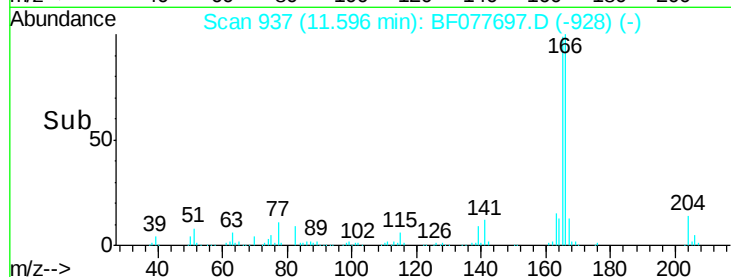
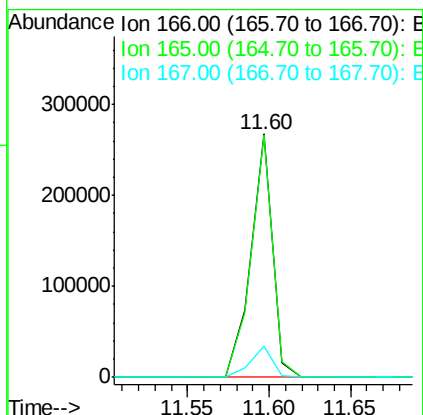
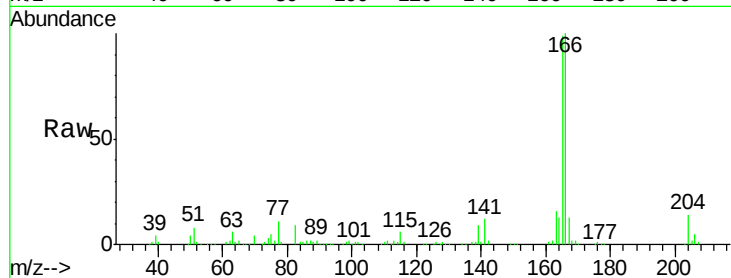
ClientSampleId :

FK-GF-01-012-AMS

Tot Ion:	166	Resp:	246016
Ion Ratio	Lower	Upper	
166	100		
165	99.4	79.0	118.4
167	13.0	10.3	15.5

Manual Integrations
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3/13/2015 9:40:27 AM



#58

2,3,4,6-Tetrachlorophenol

Concen: 31.15 ng

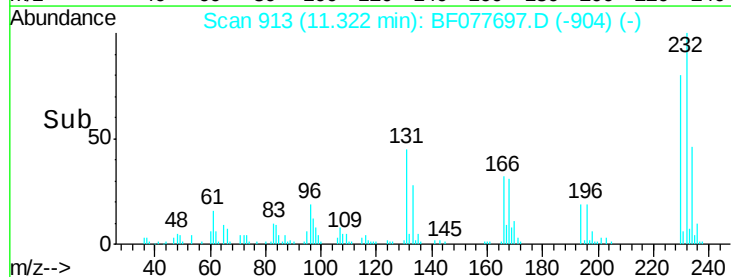
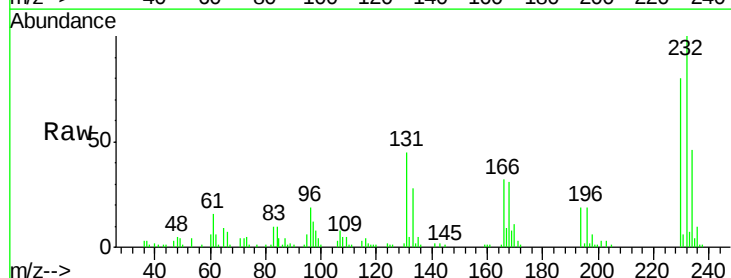
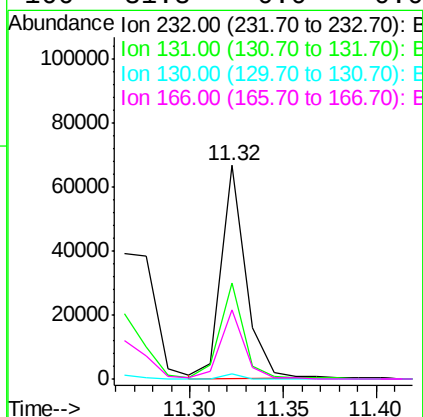
RT: 11.32 min Scan# 913

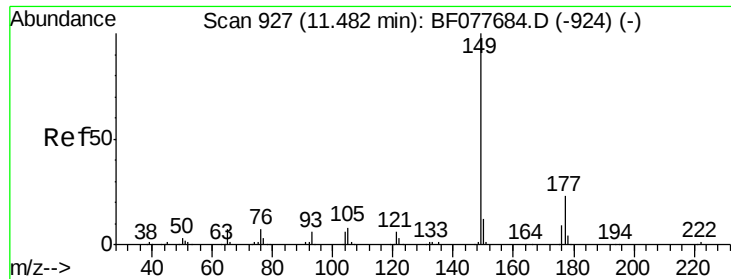
Delta R.T. 0.00 min

Lab File: BF077697.D

Acq: 11 Mar 2015 20:00

Tgt Ion:	232	Resp:	61199
Ion Ratio	Lower	Upper	
232	100		
131	43.5	0.0	0.0#
130	1.8	0.0	0.0#
166	31.8	0.0	0.0#





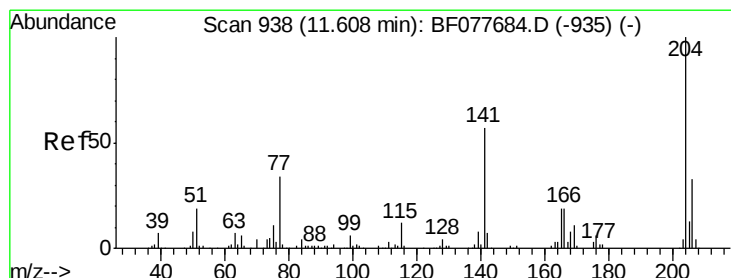
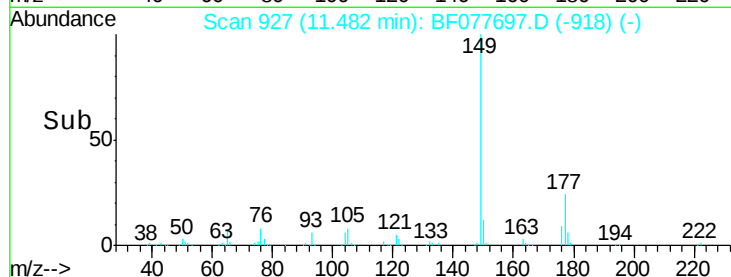
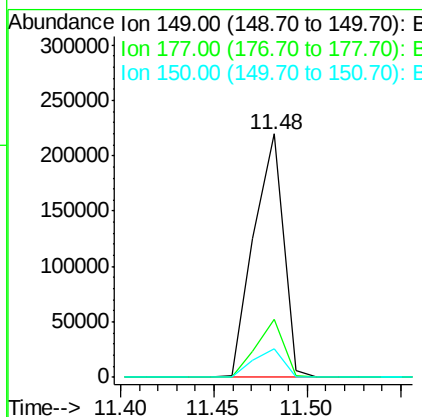
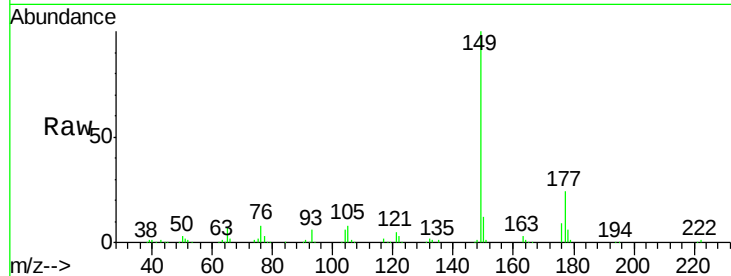
#59
Diethylphthalate
Concen: 29.29 ng
RT: 11.48 min Scan# 927
Delta R.T. 0.00 min
Lab File: BF077697.D
Acq: 11 Mar 2015 20:00

Instrument :
BNA_F
ClientSampleId :
FK-GF-01-012-AMS

Tot Ion	Ratio	Lower	Upper
149	100		
177	24.0	18.3	27.5
150	11.9	9.8	14.8

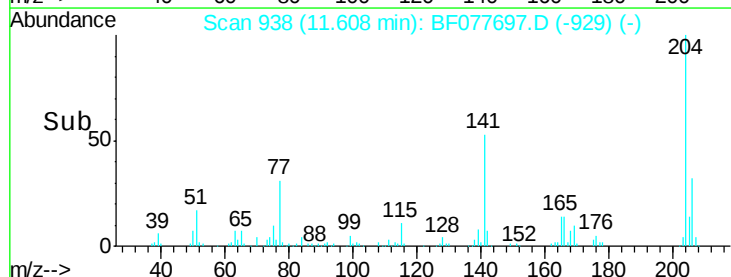
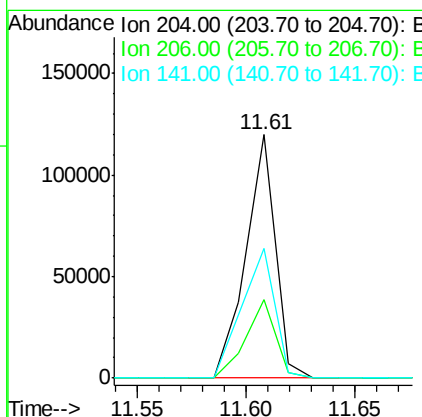
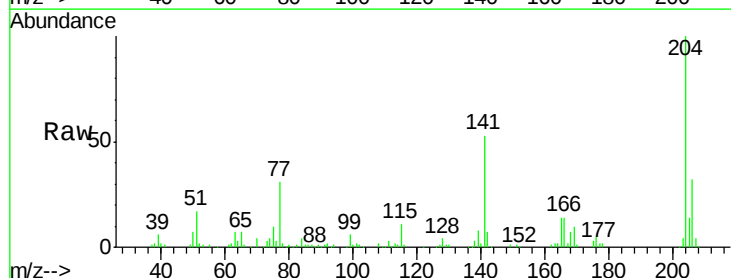
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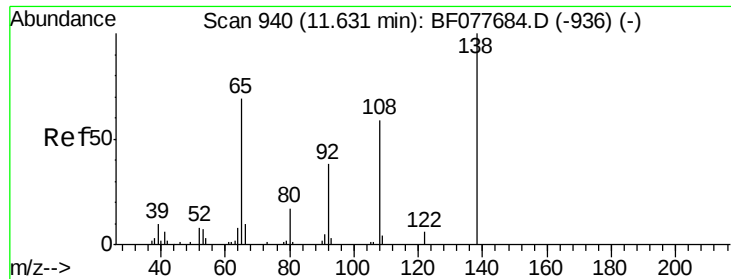
mohammad
3/13/2015 9:40:27 AM



#60
4-Chlorophenyl-phenylether
Concen: 28.36 ng
RT: 11.61 min Scan# 938
Delta R.T. 0.00 min
Lab File: BF077697.D
Acq: 11 Mar 2015 20:00

Tgt Ion	Ratio	Lower	Upper
204	100		
206	32.2	26.6	39.8
141	53.1	45.2	67.8





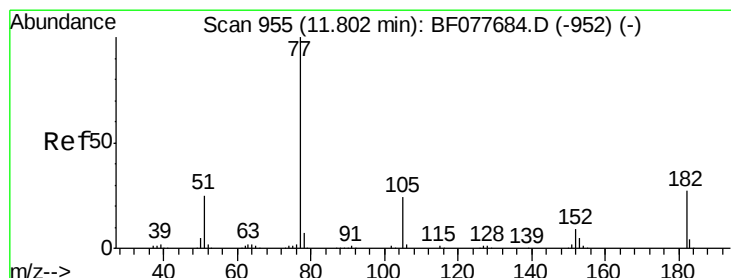
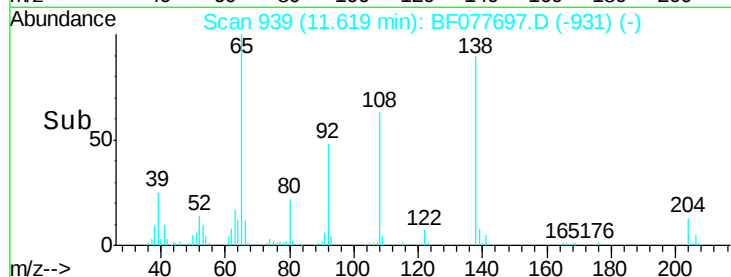
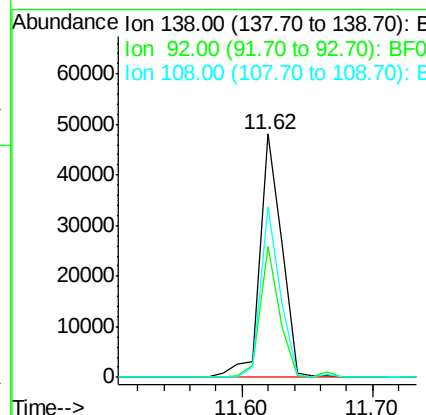
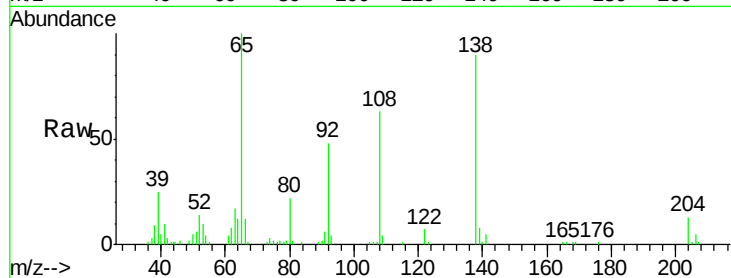
#61
4-Nitroaniline
Concen: 27.81 ng
RT: 11.62 min Scan# 939
Delta R.T. -0.01 min
Lab File: BF077697.D
Acq: 11 Mar 2015 20:00

Instrument :
BNA_F
ClientSampleId :
FK-GF-01-012-AMS

Tot Ion	Ratio	Lower	Upper
138	100		
92	53.5	16.7	56.7
108	69.9	37.6	77.6

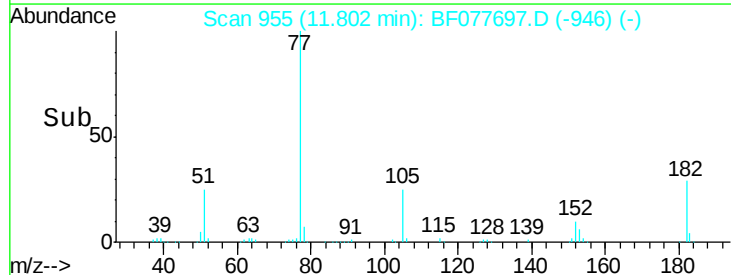
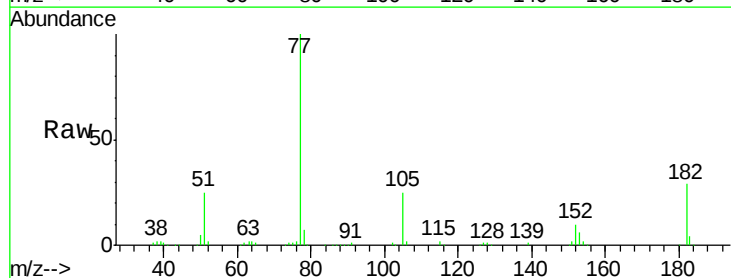
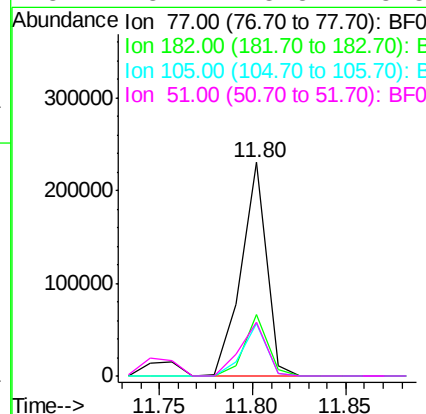
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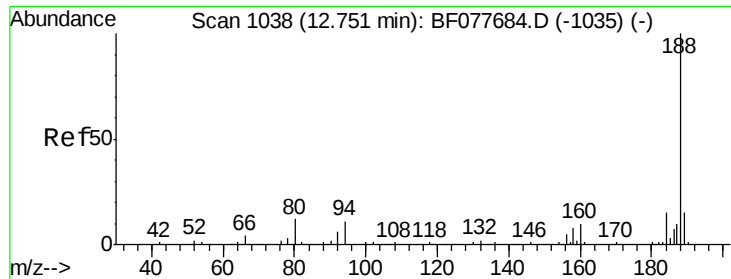
mohammad
3/13/2015 9:40:27 AM



#62
Azobenzene
Concen: 27.86 ng
RT: 11.80 min Scan# 955
Delta R.T. 0.00 min
Lab File: BF077697.D
Acq: 11 Mar 2015 20:00

Tgt Ion	Ratio	Lower	Upper
77	100		
182	28.7	6.5	46.5
105	24.6	3.8	43.8
51	25.1	5.5	45.5





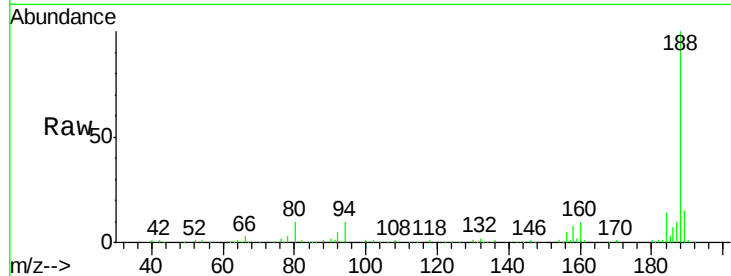
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.75 min Scan# 1038
Delta R.T. 0.00 min
Lab File: BF077697.D
Acq: 11 Mar 2015 20:00

Instrument :
BNA_F
ClientSampleId :
FK-GF-01-012-AMS

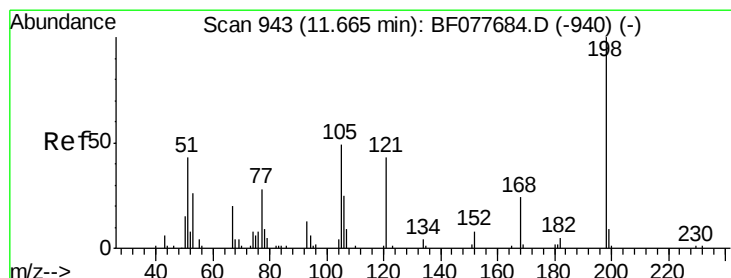
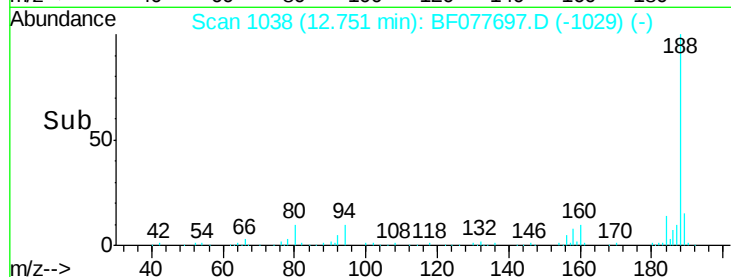
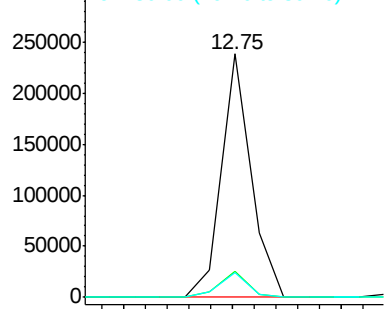
Tot Ion	Ratio	Resp	Lower	Upper
188	100	225195		
94	10.4	8.7	13.1	
80	10.2	9.3	13.9	

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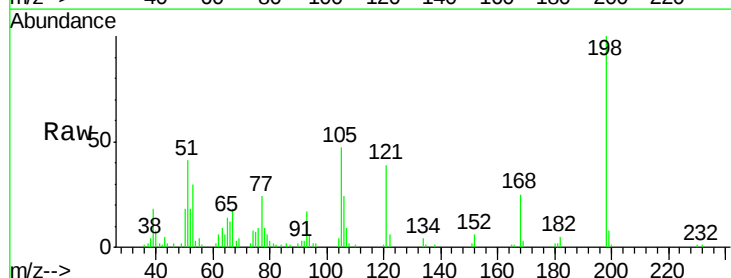


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

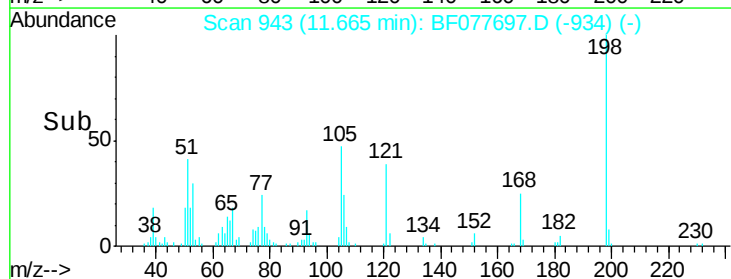
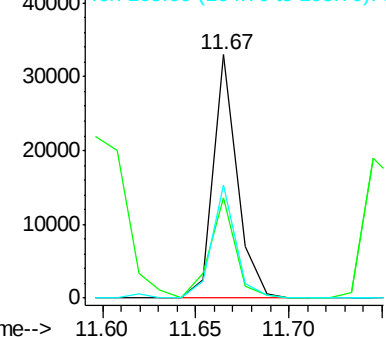


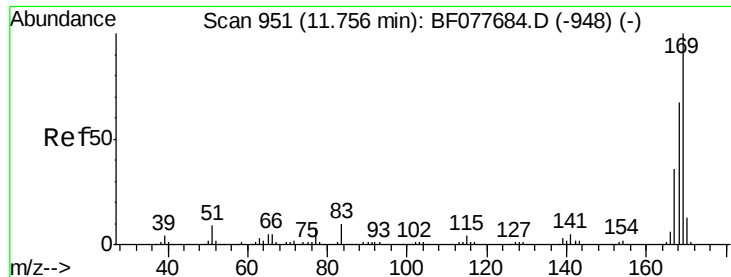
#64
4,6-Dinitro-2-methylphenol
Concen: 29.53 ng
RT: 11.67 min Scan# 943
Delta R.T. 0.00 min
Lab File: BF077697.D
Acq: 11 Mar 2015 20:00

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	29473		
51	41.3	28.8	68.8	
105	46.6	30.5	70.5	



Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF0
Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 28.35 ng

RT: 11.76 min Scan# 951

Delta R.T. 0.00 min

Lab File: BF077697.D

Acq: 11 Mar 2015 20:00

Instrument :

BNA_F

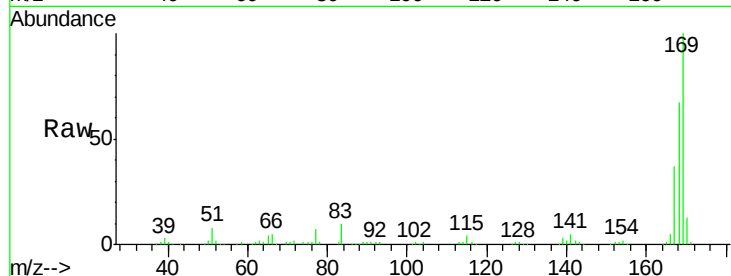
ClientSampleId :

FK-GF-01-012-AMS

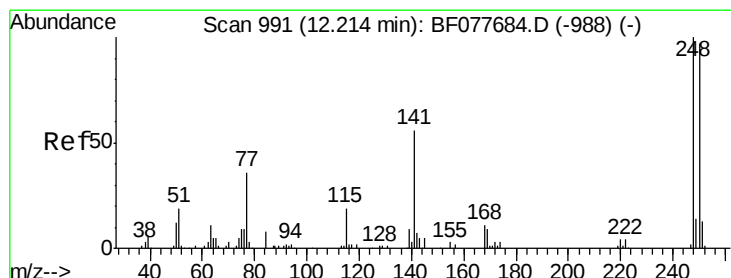
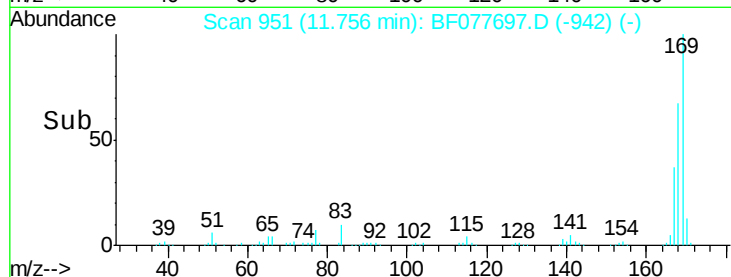
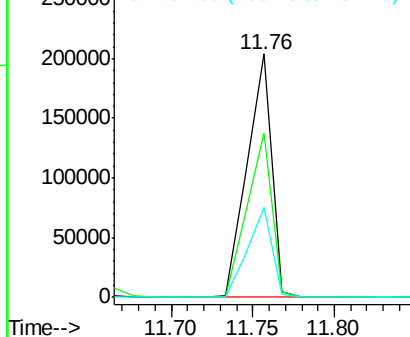
Tot Ion:	169	Resp:	212565
Ion Ratio	Lower	Upper	
169	100		
168	67.5	53.9	80.9
167	36.9	28.9	43.3

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Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 28.26 ng

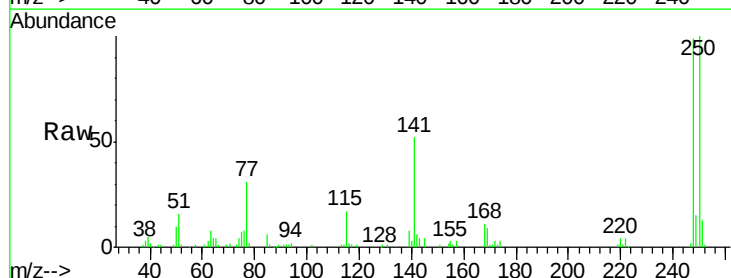
RT: 12.21 min Scan# 991

Delta R.T. 0.00 min

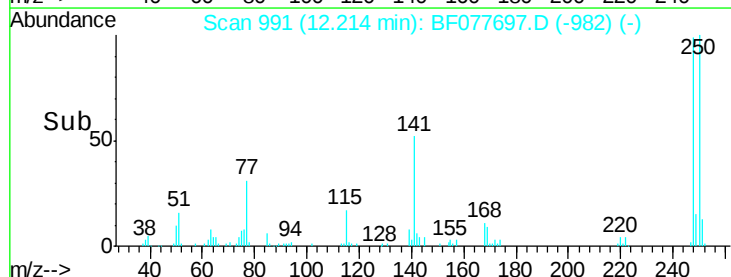
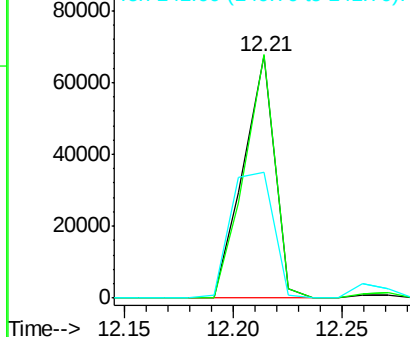
Lab File: BF077697.D

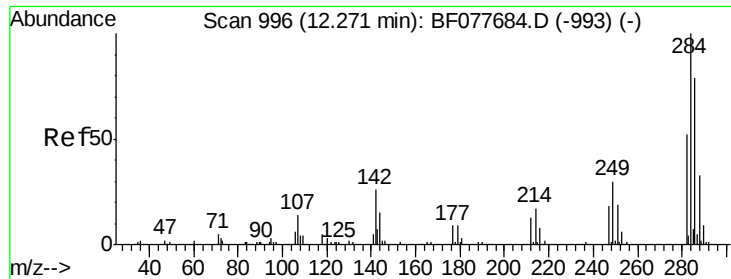
Acq: 11 Mar 2015 20:00

Tgt Ion:	248	Resp:	67917
Ion Ratio	Lower	Upper	
248	100		
250	100.7	77.4	116.0
141	52.0	45.2	67.8



Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E





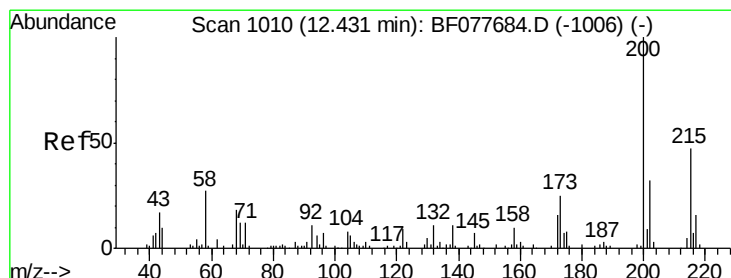
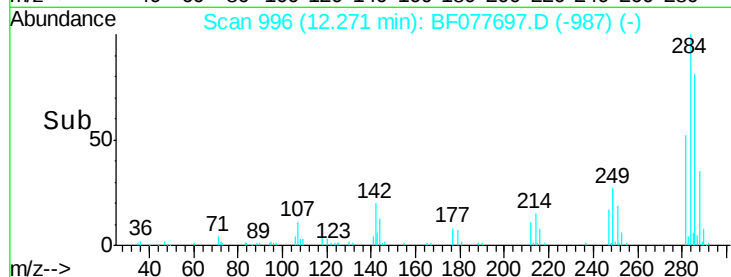
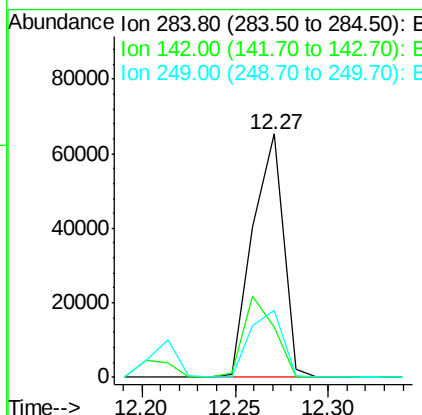
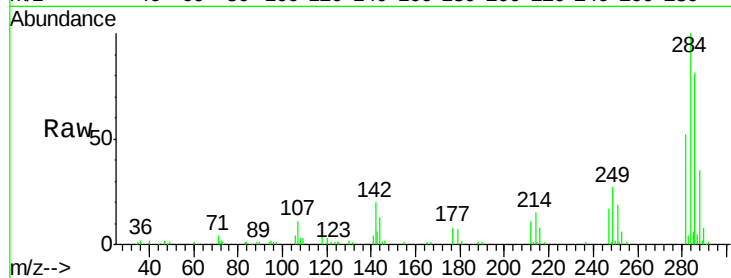
#67
Hexachlorobenzene
Concen: 28.13 ng
RT: 12.27 min Scan# 996
Delta R.T. 0.00 min
Lab File: BF077697.D
Acq: 11 Mar 2015 20:00

Instrument :
BNA_F
ClientSampleId :
FK-GF-01-012-AMS

Tot Ion	Ratio	Lower	Upper
284	100		
142	20.4	20.4	30.6
249	27.4	23.8	35.6

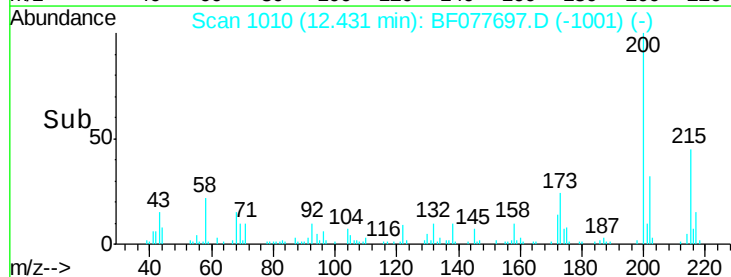
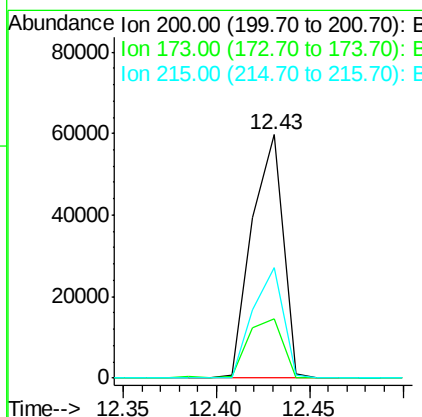
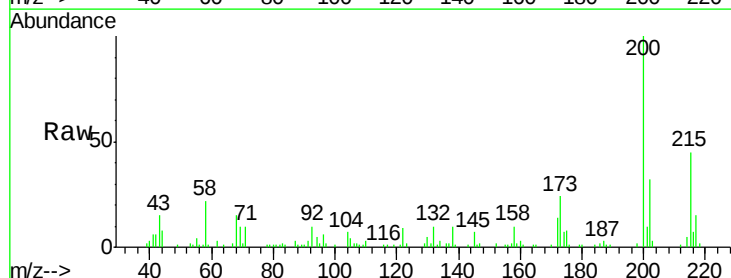
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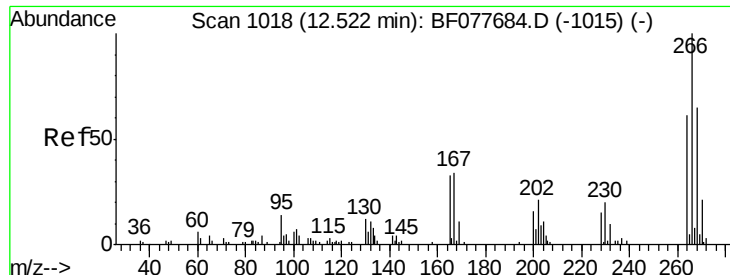
mohammad
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#68
Atrazine
Concen: 32.95 ng
RT: 12.43 min Scan# 1010
Delta R.T. 0.00 min
Lab File: BF077697.D
Acq: 11 Mar 2015 20:00

Tgt Ion	Ratio	Lower	Upper
200	100		
173	24.4	4.8	44.8
215	45.5	26.9	66.9





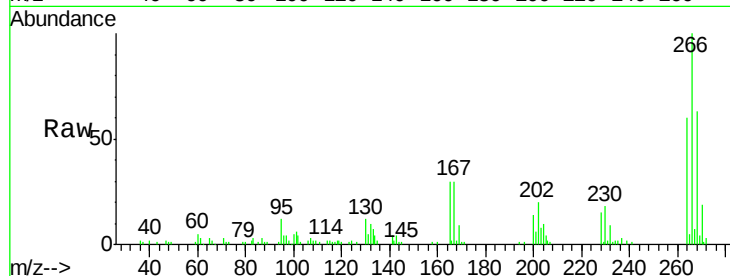
#69
 Pentachlorophenol
 Concen: 58.71 ng
 RT: 12.52 min Scan# 1018
 Delta R.T. 0.00 min
 Lab File: BF077697.D
 Acq: 11 Mar 2015 20:00

Instrument :
 BNA_F
 ClientSampleId :
 FK-GF-01-012-AMS

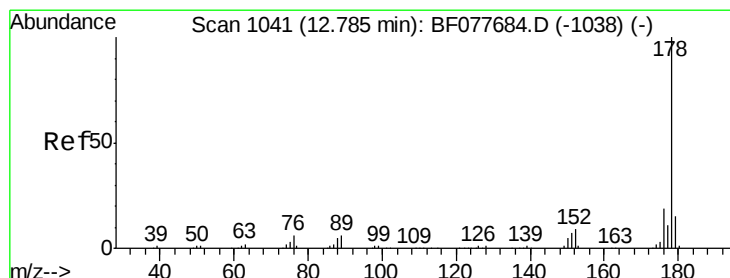
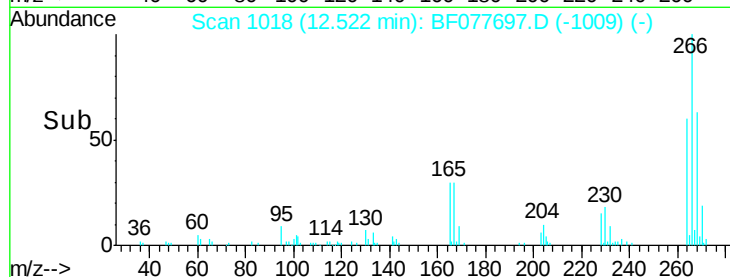
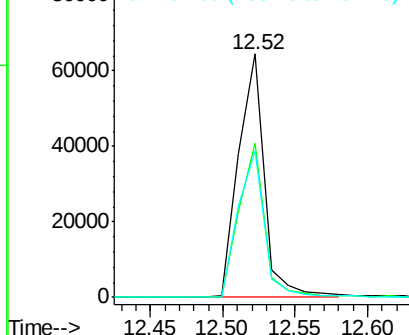
Tot Ion	Ratio	Lower	Upper
266	100		
268	63.1	52.0	78.0
264	60.3	49.0	73.4

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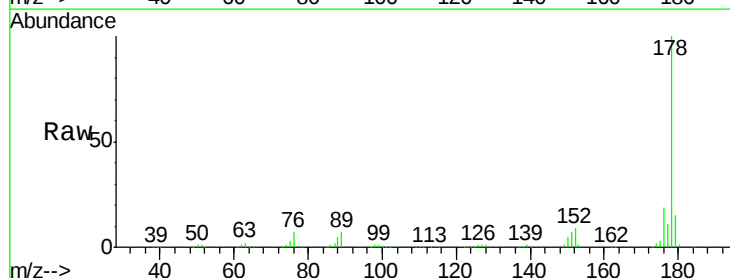


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

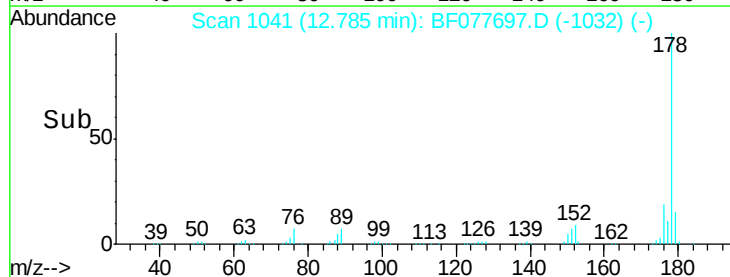
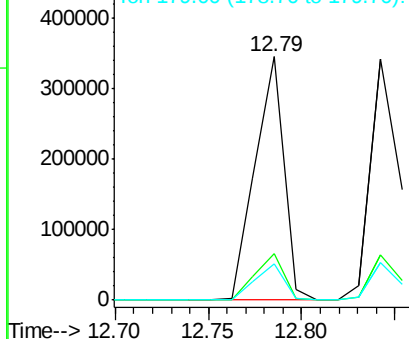


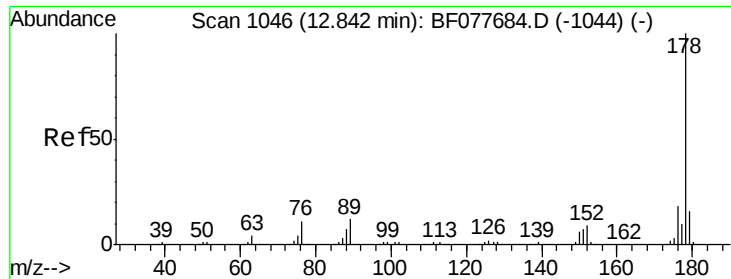
#70
 Phenanthrene
 Concen: 28.42 ng
 RT: 12.79 min Scan# 1041
 Delta R.T. 0.00 min
 Lab File: BF077697.D
 Acq: 11 Mar 2015 20:00

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.2	22.8
179	15.0	12.1	18.1



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





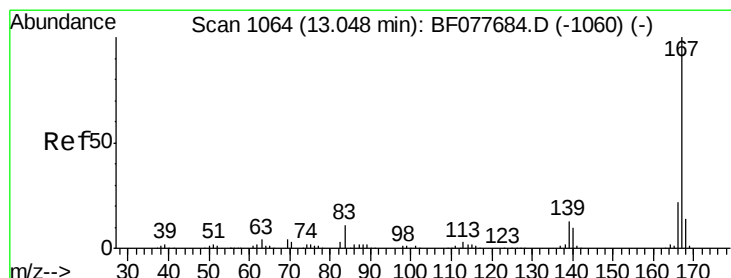
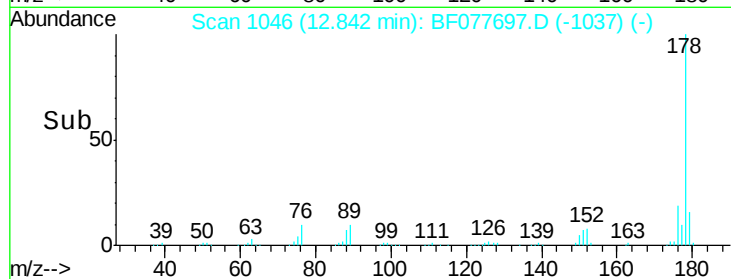
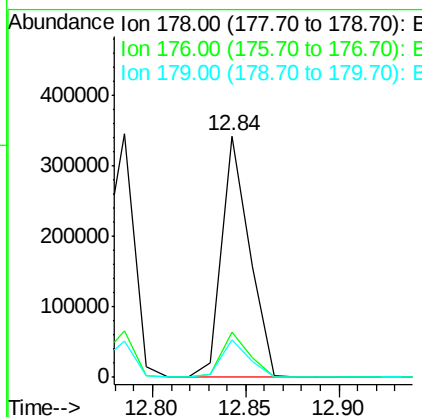
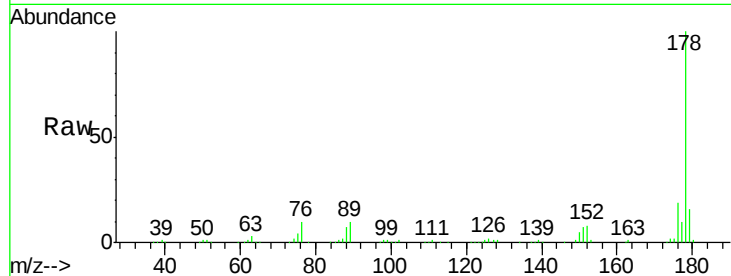
#71
 Anthracene
 Concen: 28.10 ng
 RT: 12.84 min Scan# 1046
 Delta R.T. 0.00 min
 Lab File: BF077697.D
 Acq: 11 Mar 2015 20:00

Instrument :
 BNA_F
 ClientSampleId :
 FK-GF-01-012-AMS

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.6	14.6	22.0
179	15.6	12.6	19.0

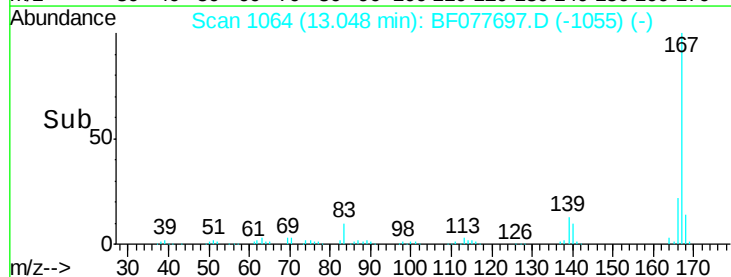
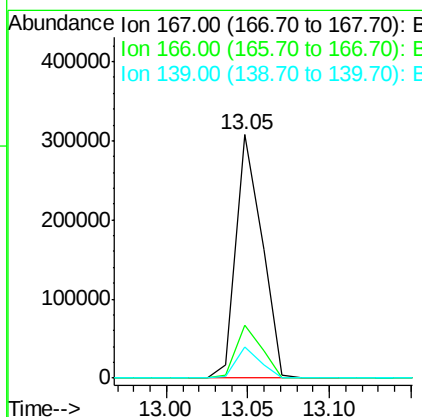
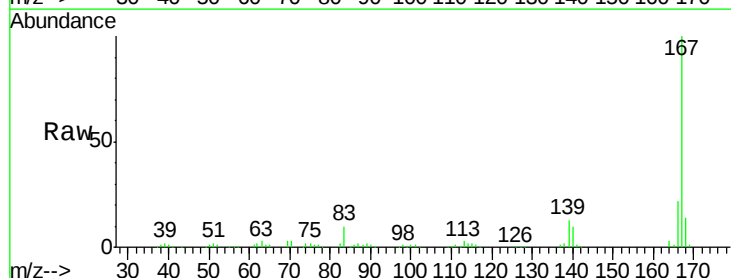
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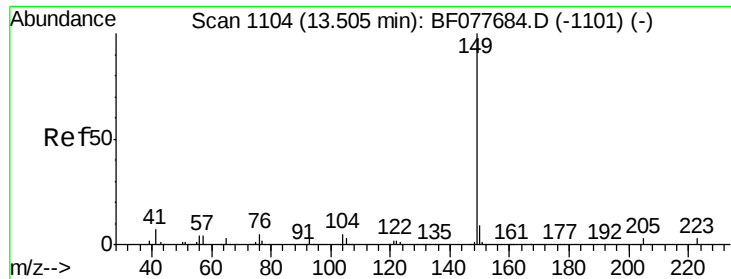
mohammad
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#72
 Carbazole
 Concen: 27.82 ng
 RT: 13.05 min Scan# 1064
 Delta R.T. 0.00 min
 Lab File: BF077697.D
 Acq: 11 Mar 2015 20:00

Tgt Ion	Ratio	Lower	Upper
167	100		
166	21.6	17.2	25.8
139	13.0	10.8	16.2





#73

Di-n-butylphthalate

Concen: 28.82 ng

RT: 13.51 min Scan# 1104

Delta R.T. 0.00 min

Lab File: BF077697.D

Acq: 11 Mar 2015 20:00

Instrument :

BNA_F

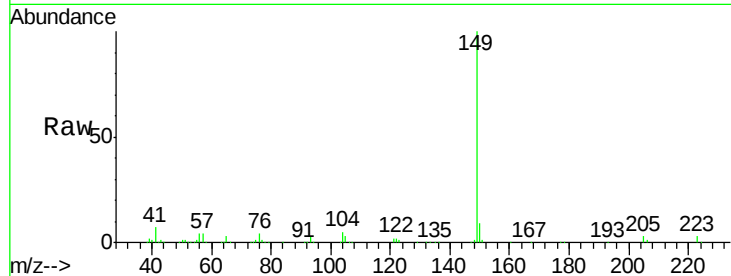
ClientSampleId :

FK-GF-01-012-AMS

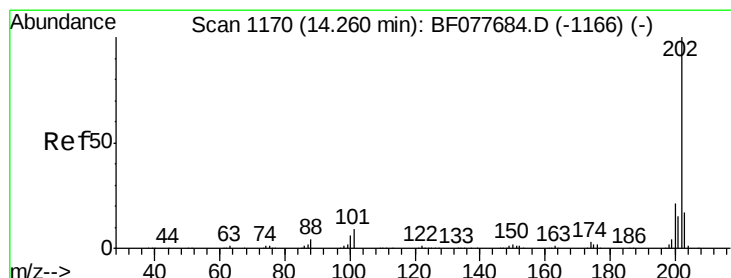
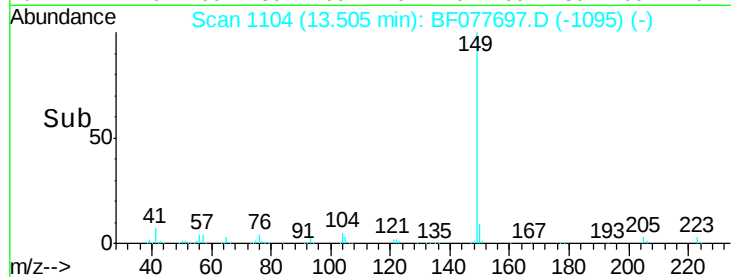
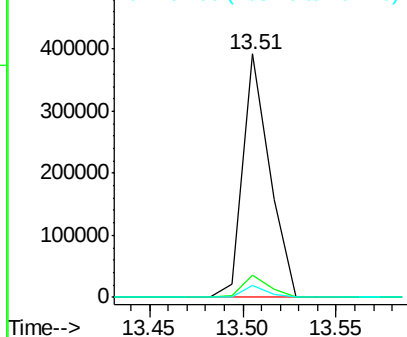
Tot Ion:	149	Resp:	392584
Ion Ratio	Lower	Upper	
149	100		
150	9.1	7.5	11.3
104	4.7	3.7	5.5

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Abundance Ion 149.00 (148.70 to 149.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 27.14 ng

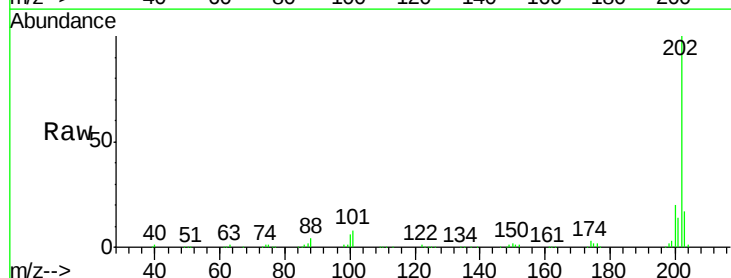
RT: 14.26 min Scan# 1170

Delta R.T. 0.00 min

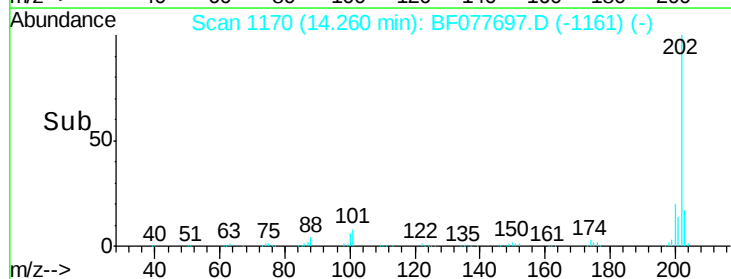
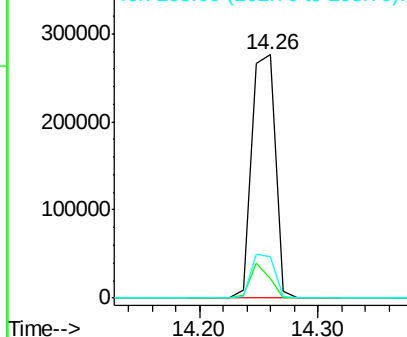
Lab File: BF077697.D

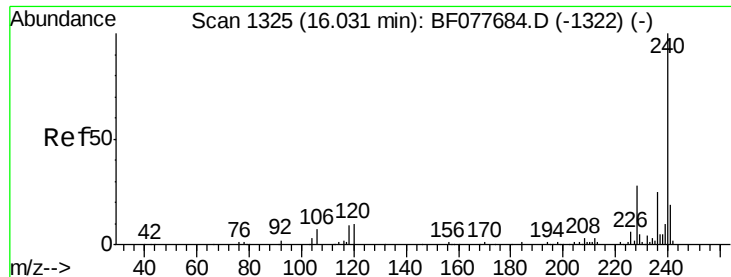
Acq: 11 Mar 2015 20:00

Tgt Ion:	202	Resp:	386963
Ion Ratio	Lower	Upper	
202	100		
101	8.2	0.0	28.7
203	16.9	0.0	37.2



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 16.03 min Scan# 1325

Delta R.T. 0.00 min

Lab File: BF077697.D

Acq: 11 Mar 2015 20:00

Instrument :

BNA_F

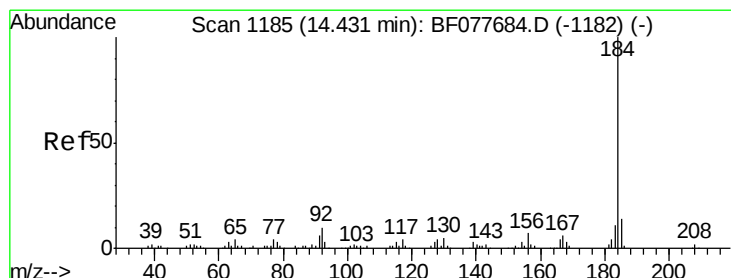
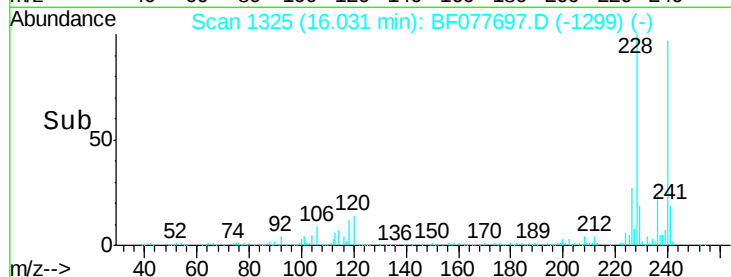
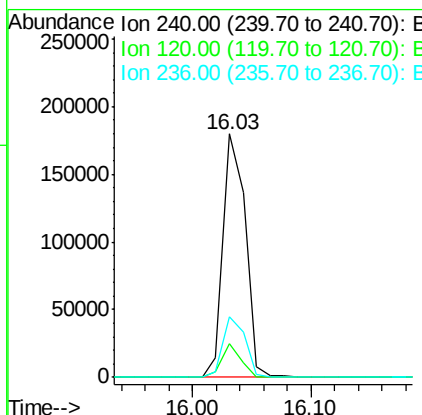
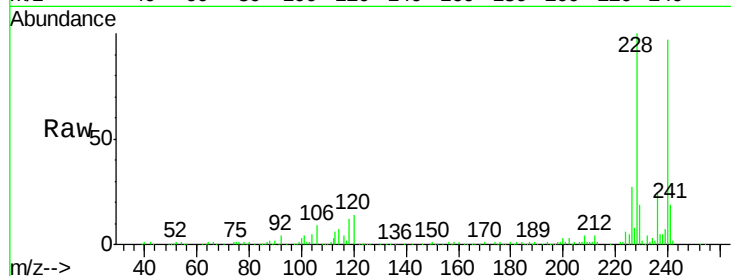
ClientSampleId :

FK-GF-01-012-AMS

Tot Ion:	240	Resp:	234768
Ion Ratio	Lower	Upper	
240	100		
120	14.0	8.2	12.2#
236	24.7	20.0	30.0

Manual Integrations
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mohammad
3/13/2015 9:40:27 AM



#76

Benzidine

Concen: 29.86 ng

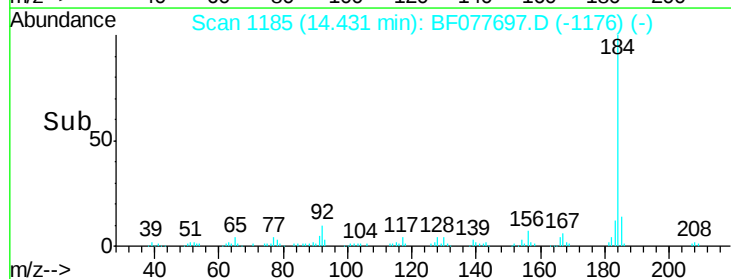
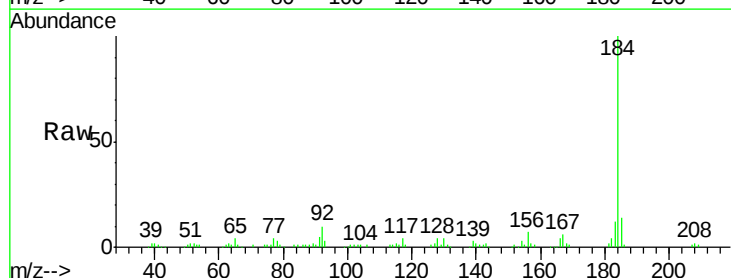
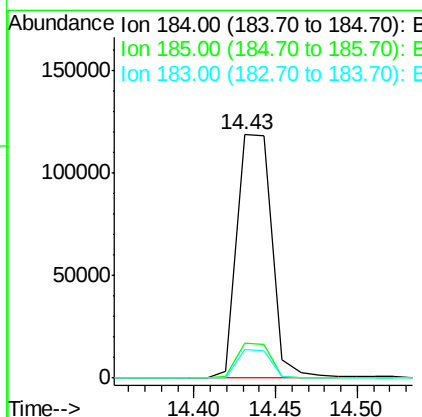
RT: 14.43 min Scan# 1185

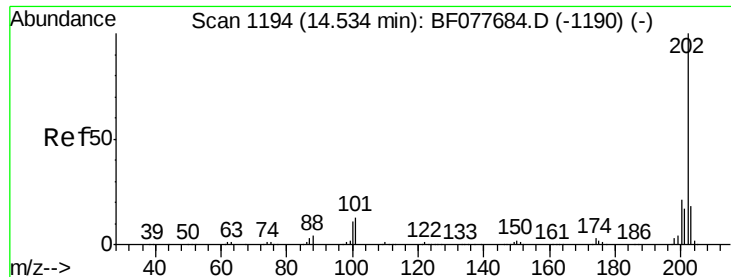
Delta R.T. 0.00 min

Lab File: BF077697.D

Acq: 11 Mar 2015 20:00

Tgt Ion:	184	Resp:	174105
Ion Ratio	Lower	Upper	
184	100		
185	14.4	11.3	16.9
183	11.5	8.9	13.3





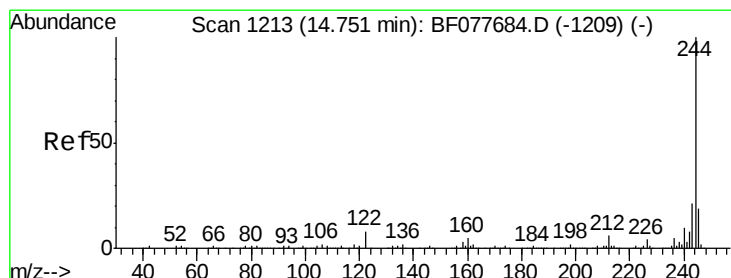
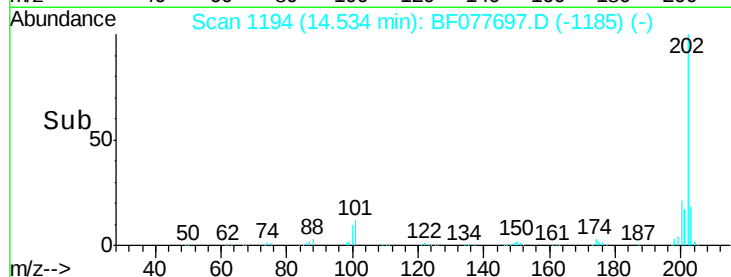
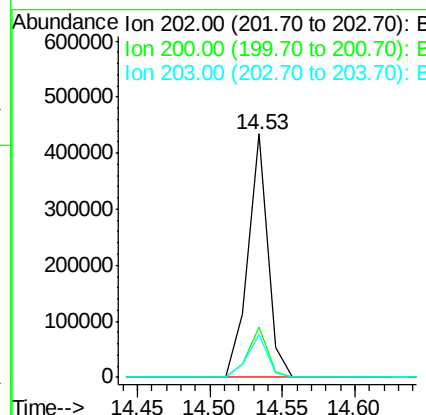
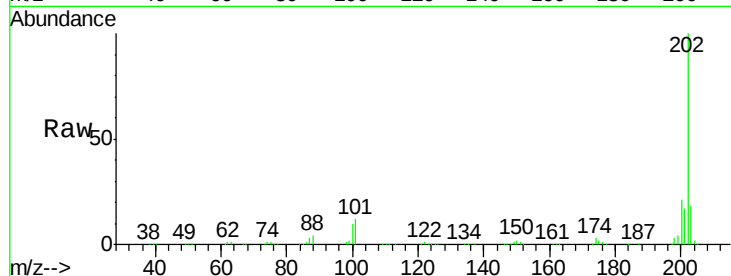
#77
Pvrene
Concen: 28.08 ng
RT: 14.53 min Scan# 1194
Delta R.T. 0.00 min
Lab File: BF077697.D
Acq: 11 Mar 2015 20:00

Instrument :
BNA_F
ClientSampleId :
FK-GF-01-012-AMS

Tot Ion	Ratio	Resp Lower	Upper
202	100		
200	20.8	16.9	25.3
203	17.8	14.1	21.1

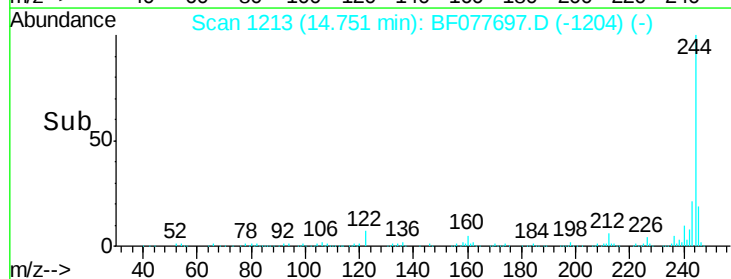
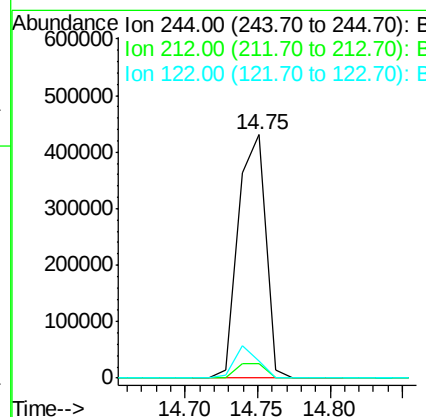
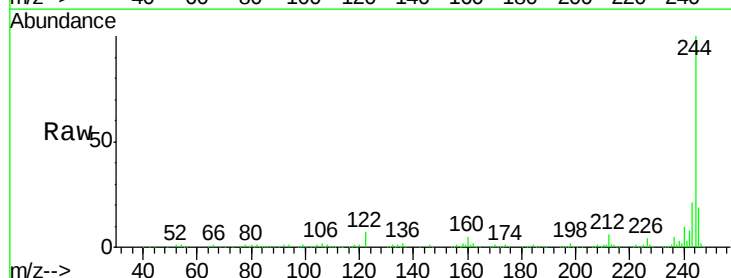
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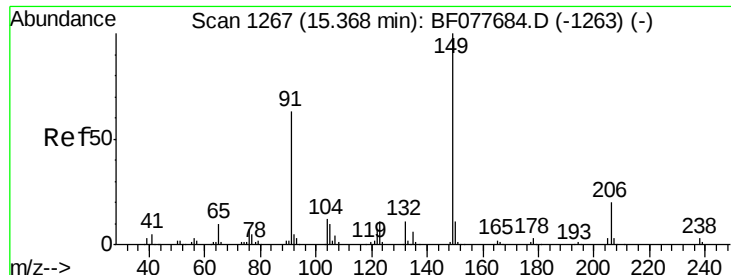
mohammad
3/13/2015 9:40:27 AM



#78
Terphenyl-d14
Concen: 58.78 ng
RT: 14.75 min Scan# 1213
Delta R.T. 0.00 min
Lab File: BF077697.D
Acq: 11 Mar 2015 20:00

Tgt Ion	Ratio	Resp Lower	Upper
244	100		
212	6.1	4.9	7.3
122	7.1	6.2	9.4





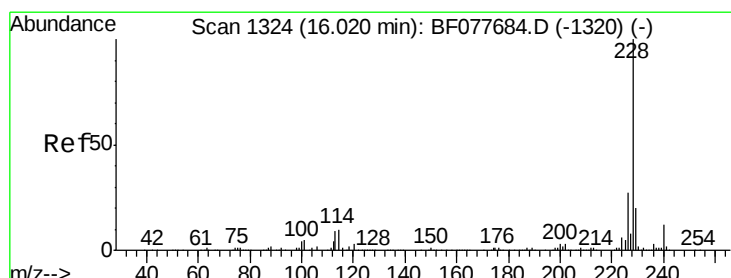
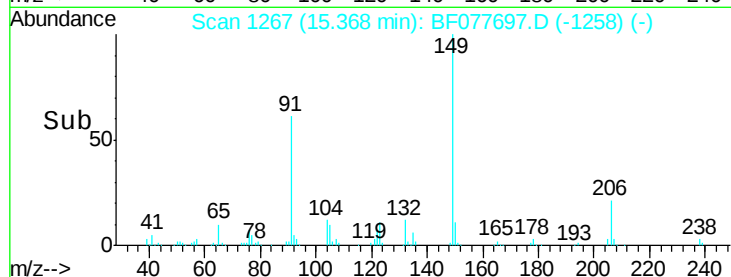
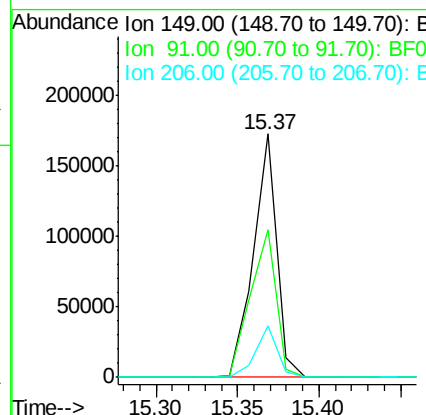
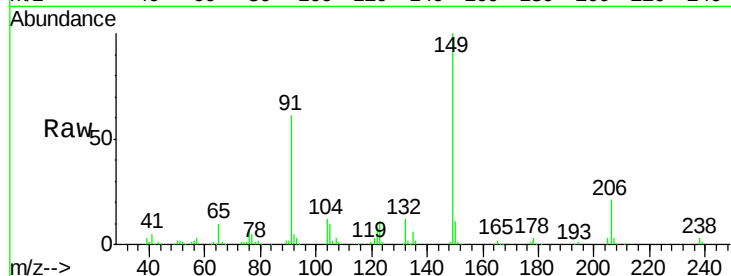
#79
Butylbenzylphthalate
Concen: 29.31 ng
RT: 15.37 min Scan# 1267
Delta R.T. 0.00 min
Lab File: BF077697.D
Acq: 11 Mar 2015 20:00

Instrument :
BNA_F
ClientSampleId :
FK-GF-01-012-AMS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	170578		
91	60.7	50.1	75.1	
206	21.0	16.2	24.2	

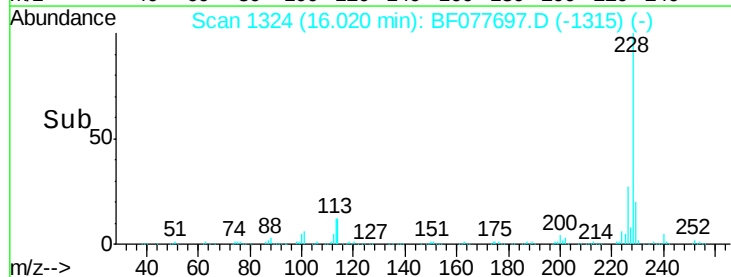
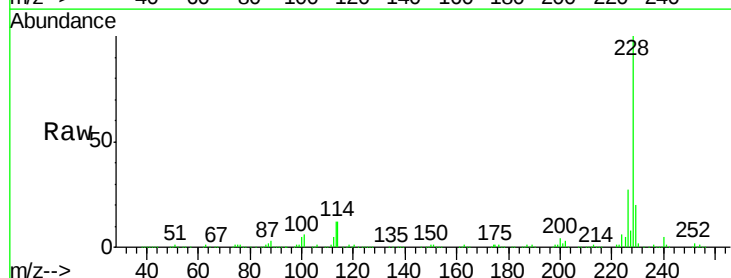
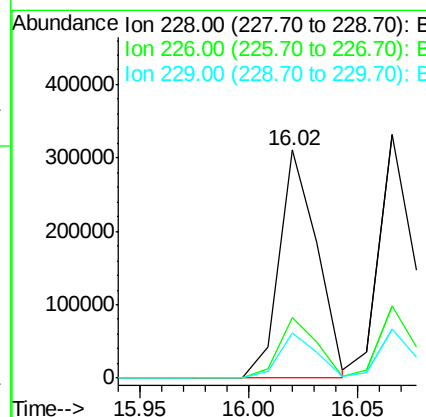
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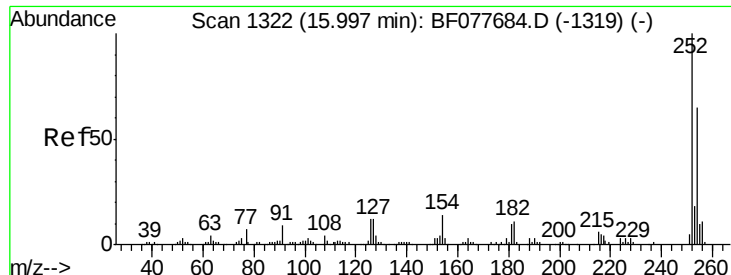
mohammad
3/13/2015 9:40:27 AM



#80
Benzo(a)anthracene
Concen: 27.10 ng
RT: 16.02 min Scan# 1324
Delta R.T. 0.00 min
Lab File: BF077697.D
Acq: 11 Mar 2015 20:00

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	377195		
226	26.5	21.7	32.5	
229	19.9	16.0	24.0	





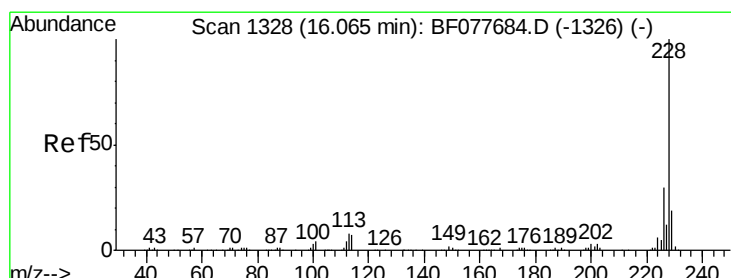
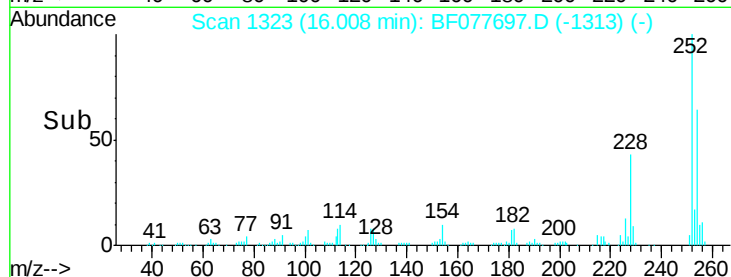
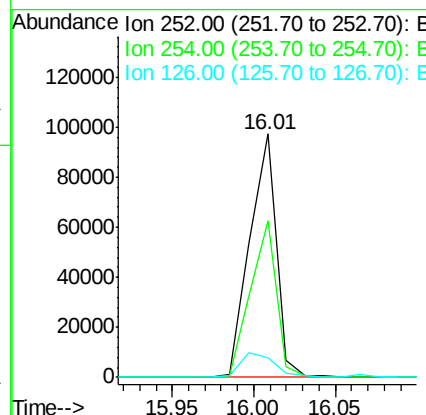
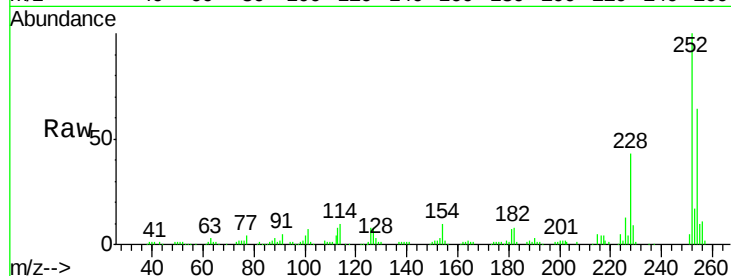
#81
 3,3'-Dichlorobenzidine
 Concen: 24.01 ng
 RT: 16.01 min Scan# 1323
 Delta R.T. 0.01 min
 Lab File: BF077697.D
 Acq: 11 Mar 2015 20:00

Instrument :
 BNA_F
 ClientSampleId :
 FK-GF-01-012-AMS

Tot Ion	Ratio	Resp Lower	Upper
252	100		
254	64.2	51.9	77.9
126	7.9	9.8	14.8#

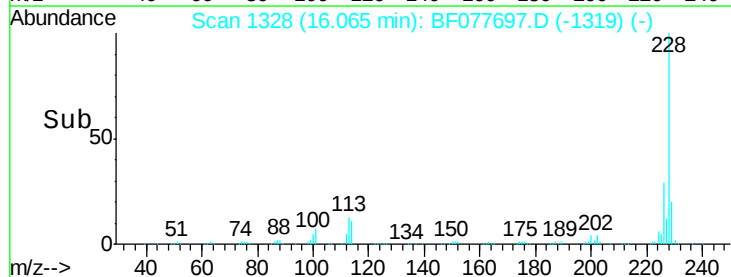
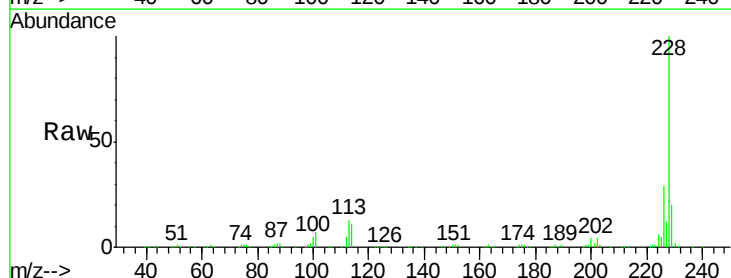
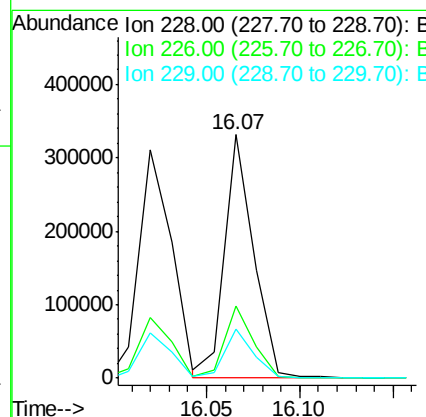
Manual Integrations
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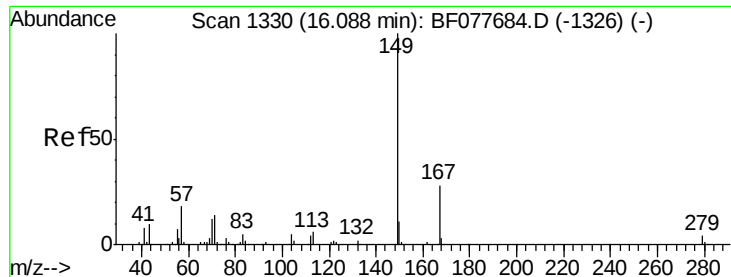
mohammad
 3/13/2015 9:40:27 AM



#82
 Chrysene
 Concen: 28.60 ng
 RT: 16.07 min Scan# 1328
 Delta R.T. 0.00 min
 Lab File: BF077697.D
 Acq: 11 Mar 2015 20:00

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
226	29.4	24.1	36.1
229	20.0	15.5	23.3





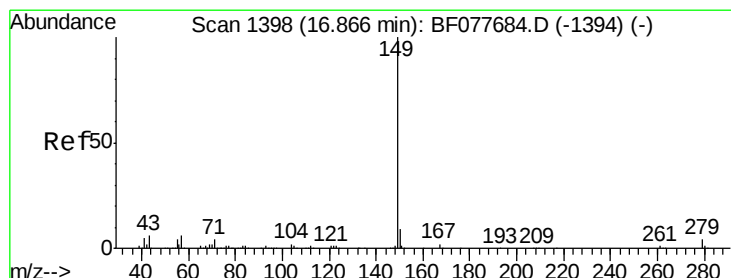
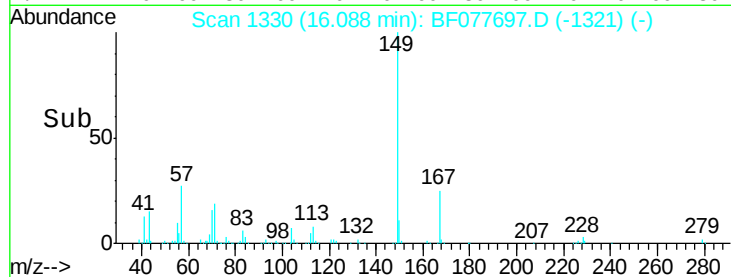
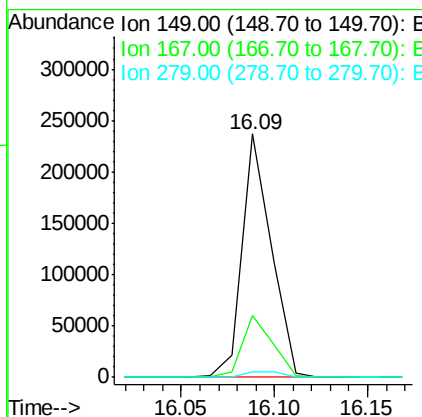
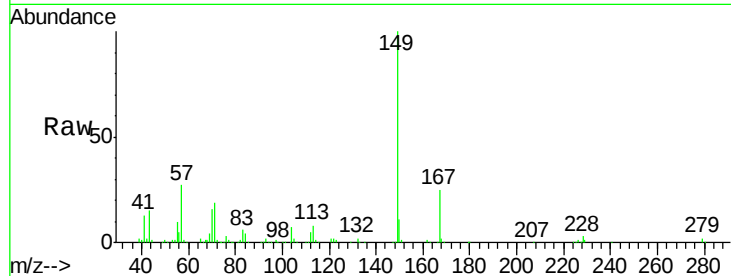
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 29.16 ng
 RT: 16.09 min Scan# 1330
 Delta R.T. 0.00 min
 Lab File: BF077697.D
 Acq: 11 Mar 2015 20:00

Instrument :
 BNA_F
 ClientSampleId :
 FK-GF-01-012-AMS

Tot Ion	Ratio	Lower	Upper
149	100		
167	25.4	22.4	33.6
279	2.5	3.4	5.0

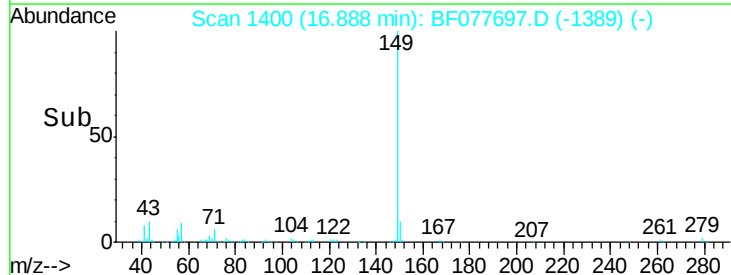
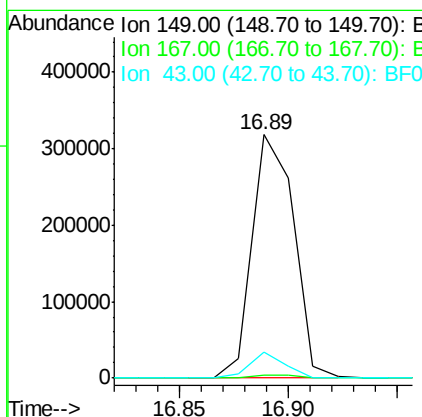
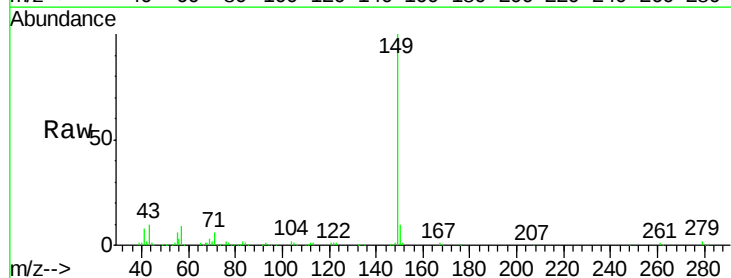
Manual Integrations
 APPROVED

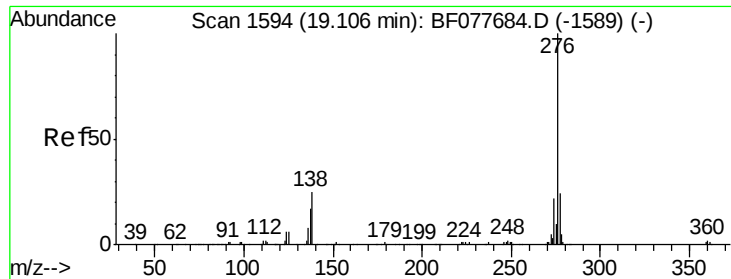
mohammad
 3/13/2015 9:40:27 AM



#84
 Di-n-octyl phthalate
 Concen: 28.39 ng
 RT: 16.89 min Scan# 1400
 Delta R.T. 0.02 min
 Lab File: BF077697.D
 Acq: 11 Mar 2015 20:00

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.2	1.8
43	8.7	7.3	10.9





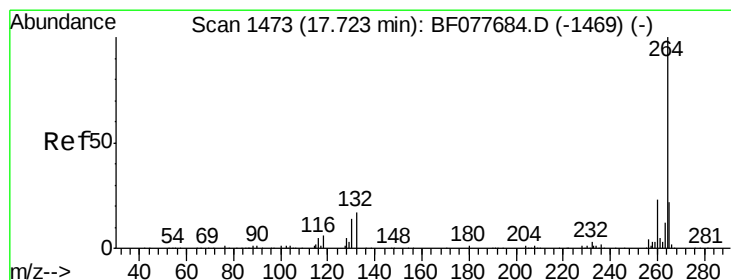
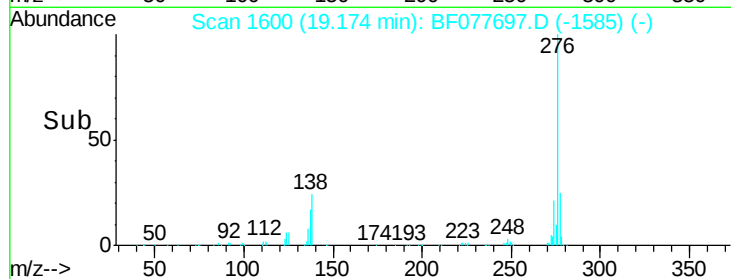
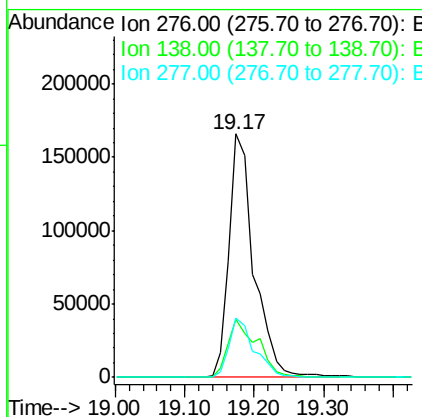
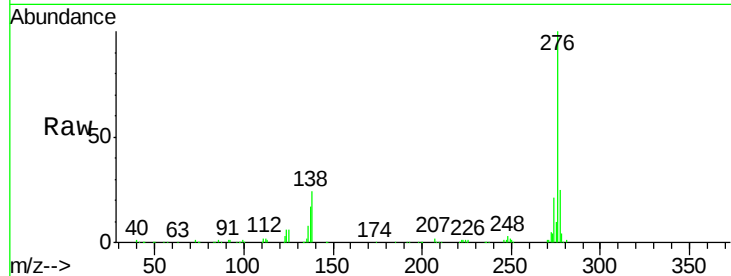
#85
Indeno(1,2,3-cd)pyrene
Concen: 26.39 ng/mL
RT: 19.17 min Scan# 1600
Delta R.T. 0.07 min
Lab File: BF077697.D
Acq: 11 Mar 2015 20:00

Instrument :
BNA_F
ClientSampleId :
FK-GF-01-012-AMS

Tot Ion	Ratio	Lower	Upper
276	100		
138	0.0	0.0	0.0
277	0.0	0.0	0.0

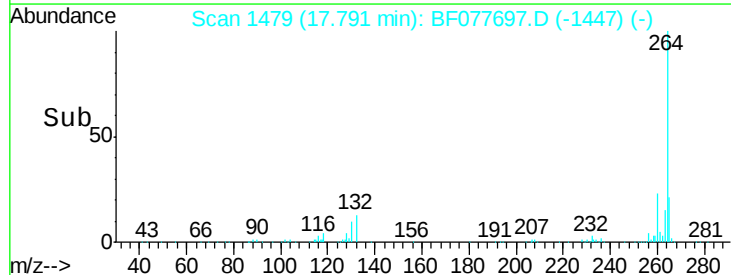
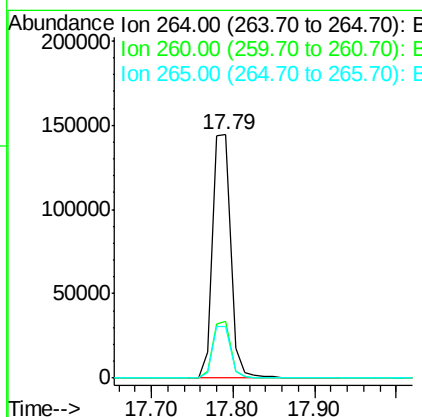
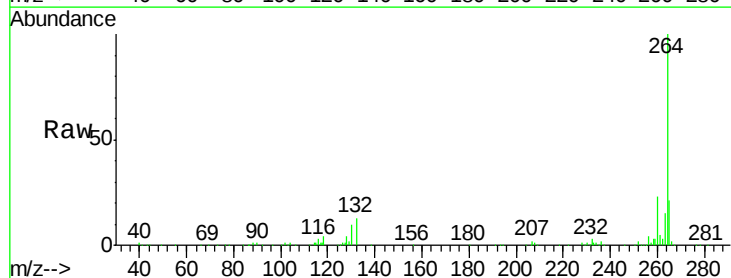
Manual Integrations
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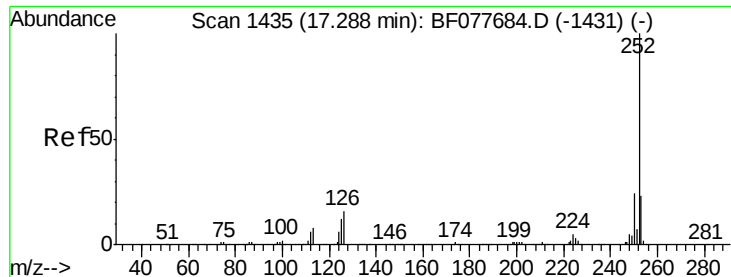
mohammad
3/13/2015 9:40:27 AM



#86
Perylene-d12
Concen: 20.00 ng
RT: 17.79 min Scan# 1479
Delta R.T. 0.07 min
Lab File: BF077697.D
Acq: 11 Mar 2015 20:00

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.4	18.6	27.8
265	21.1	17.3	25.9





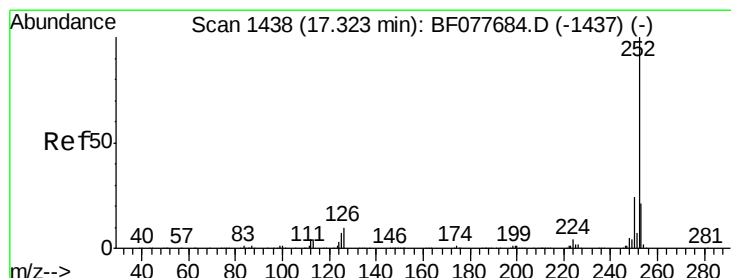
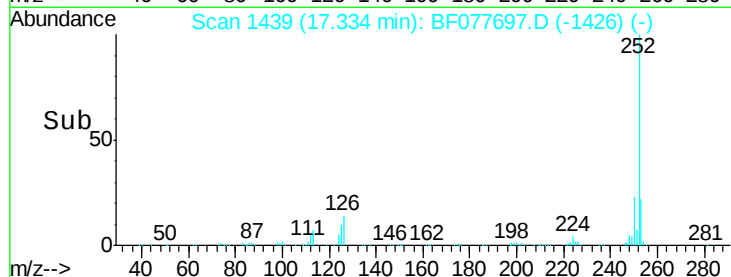
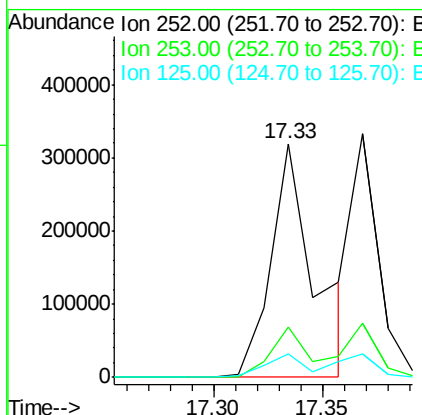
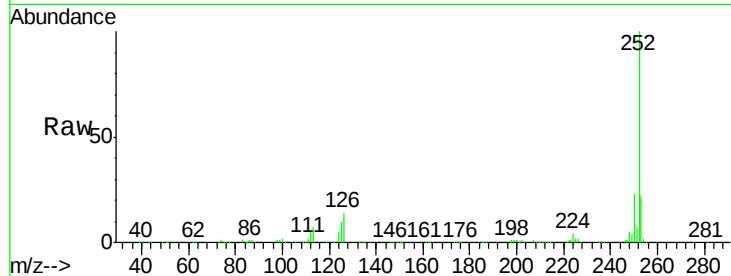
#87
Benzo(b)fluoranthene
Concen: 30.56 ng
RT: 17.33 min Scan# 1439
Delta R.T. 0.05 min
Lab File: BF077697.D
Acq: 11 Mar 2015 20:00

Instrument :
BNA_F
ClientSampleId :
FK-GF-01-012-AMS

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.8	18.0	27.0
125	10.3	9.9	14.9

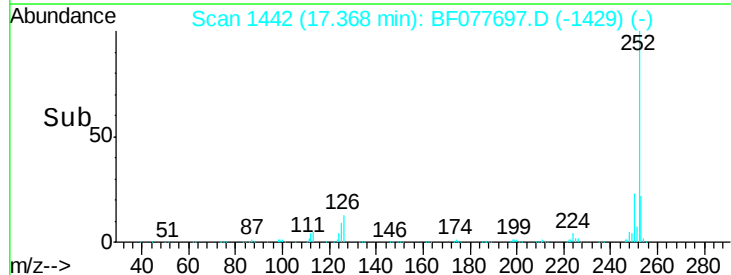
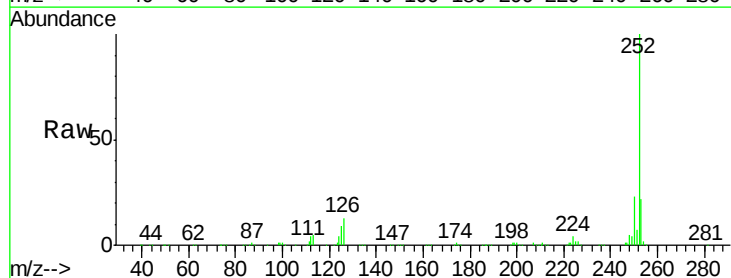
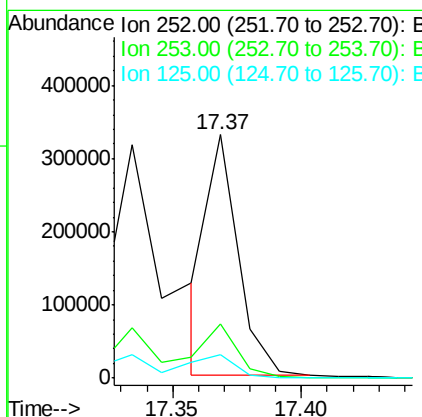
Manual Integrations
APPROVED

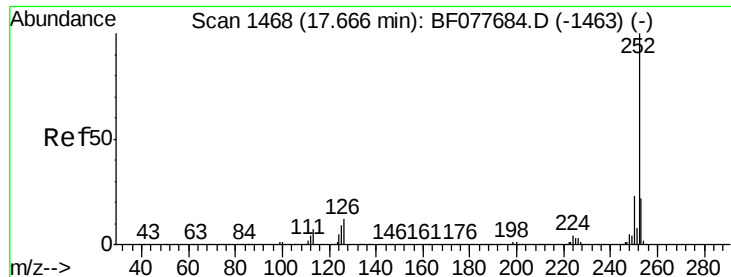
mohammad
3/13/2015 9:40:27 AM



#88
Benzo(k)fluoranthene
Concen: 23.68 ng m
RT: 17.37 min Scan# 1442
Delta R.T. 0.05 min
Lab File: BF077697.D
Acq: 11 Mar 2015 20:00

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.2	25.8
125	9.4	8.1	12.1





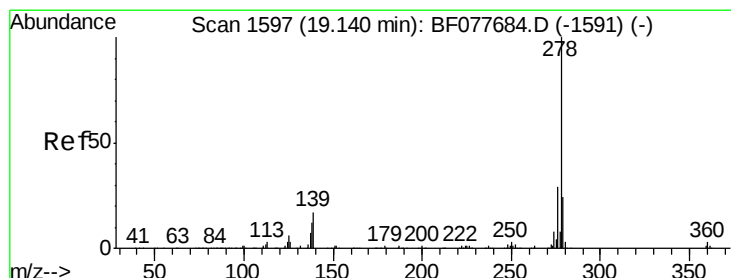
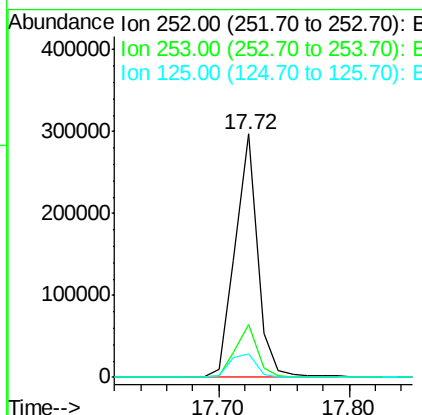
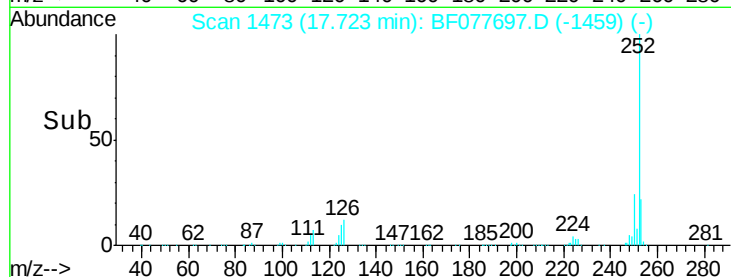
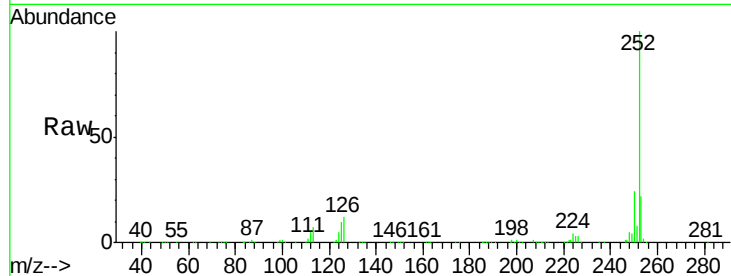
#89
Benzo(a)pyrene
Concen: 29.09 ng
RT: 17.72 min Scan# 1473
Delta R.T. 0.06 min
Lab File: BF077697.D
Acq: 11 Mar 2015 20:00

Instrument :
BNA_F
ClientSampleId :
FK-GF-01-012-AMS

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.6	26.4
125	9.9	7.4	11.2

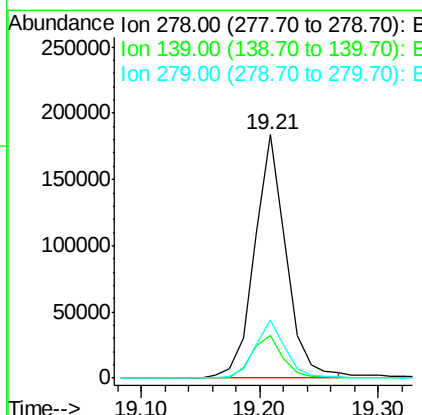
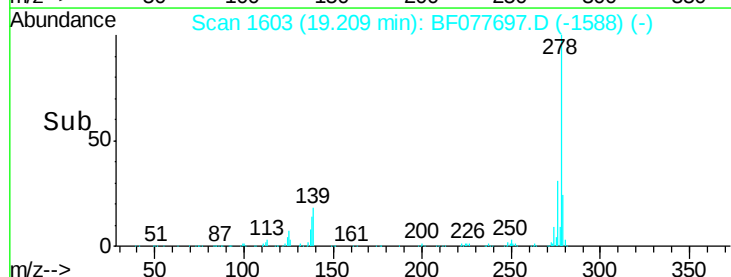
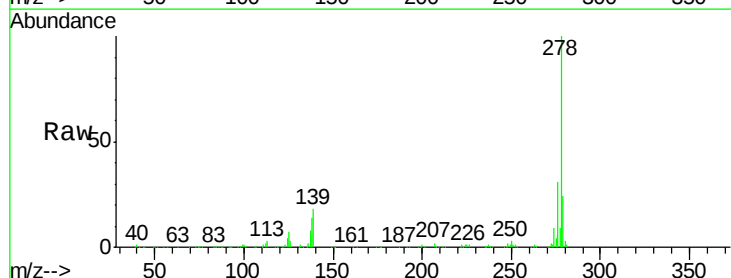
Manual Integrations
APPROVED

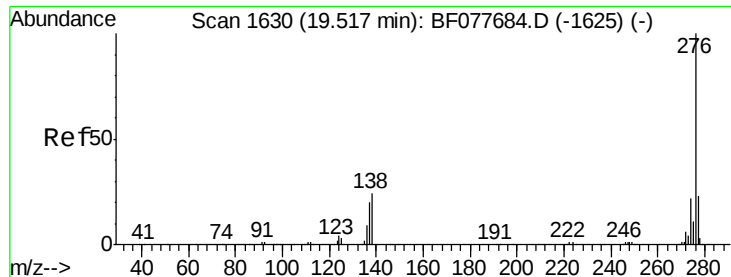
mohammad
3/13/2015 9:40:27 AM



#90
Dibenzo(a,h)anthracene
Concen: 27.79 ng
RT: 19.21 min Scan# 1603
Delta R.T. 0.07 min
Lab File: BF077697.D
Acq: 11 Mar 2015 20:00

Tgt Ion	Ratio	Lower	Upper
278	100		
139	17.8	13.4	20.0
279	23.9	19.0	28.4





#91
 Benzo(a,h,i)perylene
 Concen: 27.29 ng
 RT: 19.59 min Scan# 1636
 Delta R.T. 0.07 min
 Lab File: BF077697.D
 Acq: 11 Mar 2015 20:00

Instrument :
 BNA_F
 ClientSampleId :
 FK-GF-01-012-AMS

Tot Ion:	276	Resp:	340030
Ion Ratio		Lower	Upper
276	100		
277	23.6	18.5	27.7
138	24.7	19.0	28.6

Manual Integrations
 APPROVED

mohammad
 3/13/2015 9:40:27 AM

