

Data Path : Z:\HPCHEM1\BNA F\DATA\BF021215\
 Data File : BF077297.D
 Acq On : 12 Feb 2015 22:52
 Operator : TP/IZ
 Sample : G1272-02MSD
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-1MSD

Manual Integrations
 APPROVED

mohammad
 2/13/2015 5:40:37 PM

Quant Time: Feb 13 05:26:16 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF021215.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 13 03:50:26 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.49	152	24703	20.00	ng	0.00
21) Naphthalene-d8	10.41	136	107817	20.00	ng	0.00
38) Acenaphthene-d10	14.52	164	51304	20.00	ng	0.00
63) Phenanthrene-d10	17.44	188	98524	20.00	ng	0.00
75) Chrysene-d12	20.96	240	91098	20.00	ng	0.00
86) Perylene-d12	22.59	264	81750	20.00	ng	-0.05

System Monitoring Compounds

5) 2-Fluorophenol	4.51	112	203755	128.47	ng	0.02
7) Phenol-d6	6.93	99	243513	124.55	ng	0.00
23) Nitrobenzene-d5	8.82	82	192132	101.79	ng	0.00
41) 2,4,6-Tribromophenol	16.31	330	72967	174.41	ng	0.00
44) 2-Fluorobiphenyl	13.07	172	394509	115.74	ng	0.00
78) Terphenyl-d14	19.70	244	415739	102.51	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	1.05	88	25902	43.46	ng	97
3) Pyridine	1.47	79	55135	34.91	ng	93
4) n-Nitrosodimethylamine	1.42	42	34737	42.26	ng	89
6) Aniline	6.81	93	16951	6.55	ng	98
8) 2-Chlorophenol	7.04	128	82165	45.83	ng	98
9) Benzaldehyde	6.57	77	3436	2.85	ng	# 84
10) Phenol	6.97	94	70256	34.96	ng	94
11) bis(2-Chloroethyl)ether	7.05	93	77553	48.42	ng	98
12) 1,3-Dichlorobenzene	7.33	146	90025	45.43	ng	98
13) 1,4-Dichlorobenzene	7.54	146	93168	45.59	ng	95
14) 1,2-Dichlorobenzene	7.85	146	89693	46.33	ng	98
15) Benzyl Alcohol	7.96	79	74749	48.27	ng	90
16) 2,2'-oxybis(1-Chloropropan	8.30	45	102945	45.87	ng	91
17) 2-Methylphenol	8.33	107	62632	45.18	ng	99
18) Hexachloroethane	8.59	117	36340	48.96	ng	99
19) n-Nitroso-di-n-propylamine	8.59	70	64805	47.14	ng	98
20) 3+4-Methylphenols	8.72	107	76113m	42.61	ng	
22) Acetophenone	8.51	105	126940	49.02	ng	99
24) Nitrobenzene	8.85	77	86706	46.33	ng	97
25) Isophorone	9.46	82	168889	49.64	ng	97
26) 2-Nitrophenol	9.60	139	42650	45.92	ng	94
27) 2,4-Dimethylphenol	9.90	122	74275	48.57	ng	95
28) bis(2-Chloroethoxy)methane	10.10	93	102452	49.46	ng	99
29) 2,4-Dichlorophenol	10.22	162	65263m	46.71	ng	
30) 1,2,4-Trichlorobenzene	10.33	180	75749	47.95	ng	98
31) Naphthalene	10.45	128	296563	55.73	ng	99
32) Benzoic acid	10.34	122	10066	41.66	ng	# 82
33) 4-Chloroaniline	10.75	127	12409	5.78	ng	# 90
34) Hexachlorobutadiene	10.83	225	42862	47.76	ng	96
35) Caprolactam	11.58	113	14419m	34.99	ng	
36) 4-Chloro-3-methylphenol	12.04	107	72496	46.38	ng	99
37) 2-Methylnaphthalene	12.11	142	192562	48.27	ng	99
39) 1,2,4,5-Tetrachlorobenzene	12.51	216	68367	52.95	ng	# 100
40) Hexachlorocyclopentadiene	12.50	237	69182	105.91	ng	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	12.88	196	47152m	55.42	nq	
43) 2,4,5-Trichlorophenol	12.99	196	49307m	59.08	nq	
45) 1,1'-Biphenyl	13.27	154	214542	54.27	nq	98
46) 2-Chloronaphthalene	13.23	162	170015	53.85	nq	98
47) 2-Nitroaniline	13.60	65	54388	58.95	nq	96
48) Acenaphthylene	14.18	152	271425	54.49	nq	99
49) Dimethylphthalate	14.16	163	204474	55.11	nq	99
50) 2,6-Dinitrotoluene	14.25	165	41441	57.77	nq	92
51) Acenaphthene	14.60	154	154009	53.38	nq	97
52) 3-Nitroaniline	14.61	138	10826	12.34	nq	# 94
53) 2,4-Dinitrophenol	14.89	184	31428	110.37	nq	# 73
54) Dibenzofuran	15.03	168	241149	54.06	nq	97
55) 4-Nitrophenol	15.23	139	42404	99.29	nq	97
56) 2,4-Dinitrotoluene	15.19	165	59310	57.75	nq	# 96
57) Fluorene	15.80	166	199766	54.70	nq	97
58) 2,3,4,6-Tetrachlorophenol	15.40	232	33261	59.23	nq	# 100
59) Diethylphthalate	15.83	149	217886	56.40	nq	99
60) 4-Chlorophenyl-phenylether	15.92	204	85662	56.41	nq	97
61) 4-Nitroaniline	15.99	138	33575	41.01	nq	97
62) Azobenzene	16.21	77	191163m	51.87	nq	
64) 4,6-Dinitro-2-methylphenol	16.07	198	26508	46.56	nq	93
65) n-Nitrosodiphenylamine	16.18	169	168687	48.00	nq	99
66) 4-Bromophenyl-phenylether	16.80	248	50871	49.41	nq	96
67) Hexachlorobenzene	16.81	284	51226	48.86	nq	93
68) Atrazine	17.20	200	58655	52.70	nq	90
69) Pentachlorophenol	17.20	266	37292	110.02	nq	91
70) Phenanthrene	17.47	178	289718	48.75	nq	98
71) Anthracene	17.55	178	286500	48.05	nq	99
72) Carbazole	17.85	167	274493	48.20	nq	99
73) Di-n-butylphthalate	18.45	149	367131	50.65	nq	99
74) Fluoranthene	19.13	202	295435	48.27	nq	99
76) Benzidine	19.39	184	48934	13.25	nq	100
77) Pyrene	19.41	202	310258	51.07	nq	100
79) Butylbenzylphthalate	20.36	149	164593	53.50	nq	98
80) Benzo(a)anthracene	20.95	228	295404	52.68	nq	99
81) 3,3'-Dichlorobenzidine	20.96	252	33941	17.26	nq	96
82) Chrysene	20.98	228	248932	49.00	nq	98
83) Bis(2-ethylhexyl)phthalate	21.11	149	246756	53.91	nq	97
84) Di-n-octyl phthalate	21.87	149	432111	54.89	nq	99
85) Indeno(1,2,3-cd)pyrene	23.69	276	281250m	56.93	nq	
87) Benzo(b)fluoranthene	22.19	252	287720	49.42	nq	# 97
88) Benzo(k)fluoranthene	22.21	252	231248m	52.59	nq	
89) Benzo(a)pyrene	22.53	252	248269	51.22	nq	99
90) Dibenzo(a,h)anthracene	23.71	278	225680	52.42	nq	97
91) Benzo(g,h,i)perylene	23.94	276	223987	52.59	nq	99

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

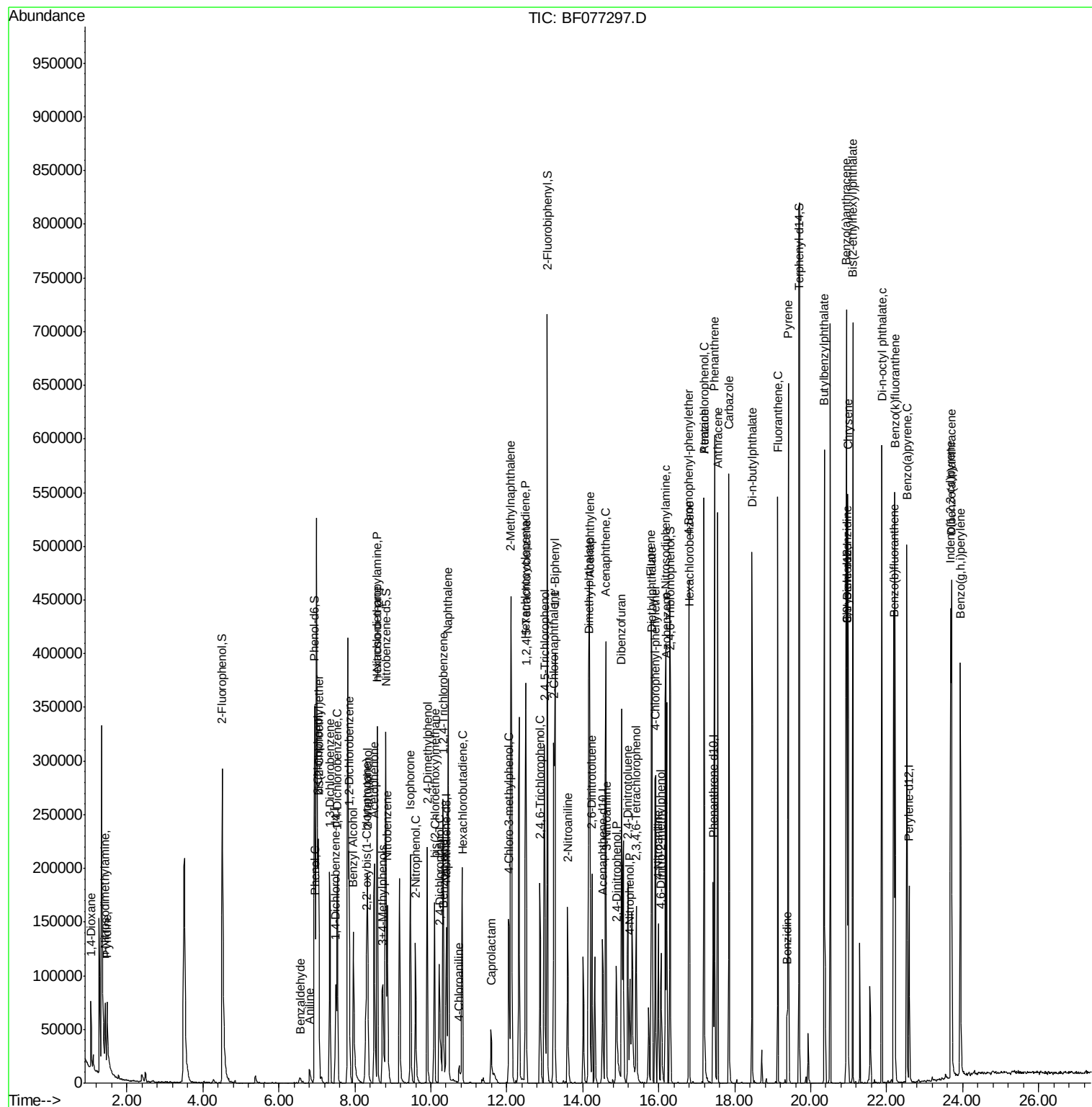
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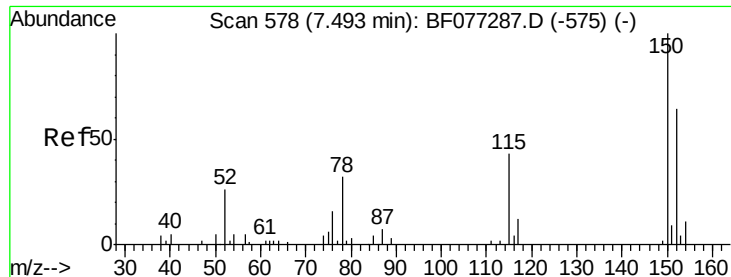
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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.49 min Scan# 578

Delta R.T. 0.00 min

Lab File: BF077297.D

Acq: 12 Feb 2015 22:52

Instrument :

BNA_F

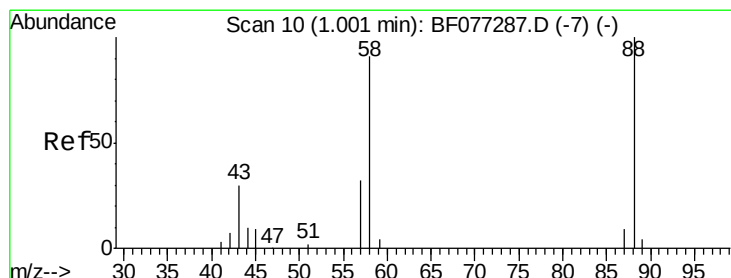
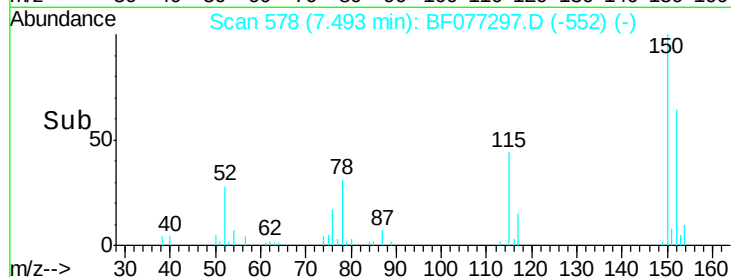
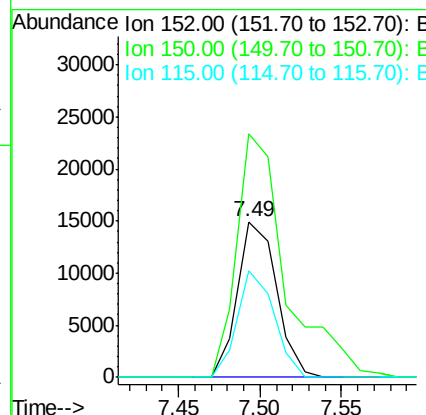
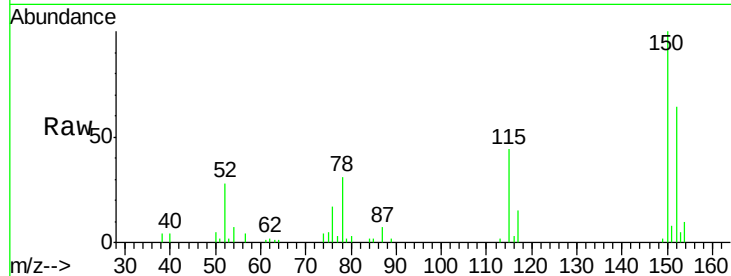
ClientSampleId :

WC-1MSD

Tot Ion:	152	Resp:	24703
Ion Ratio	Lower	Upper	
152	100		
150	156.7	124.9	187.3
115	69.0	54.1	81.1

Manual Integrations
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#2

1,4-Dioxane

Concen: 43.46 ng

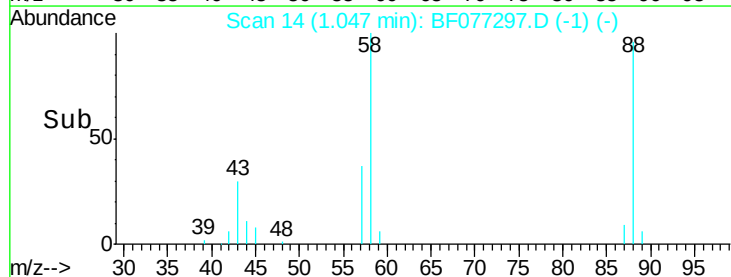
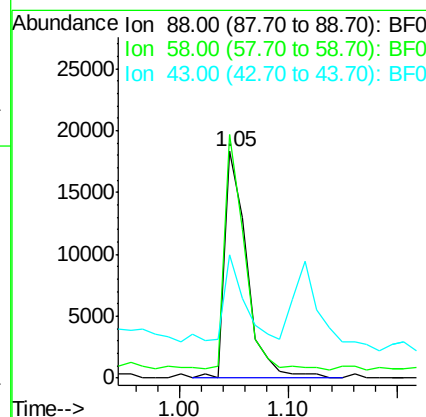
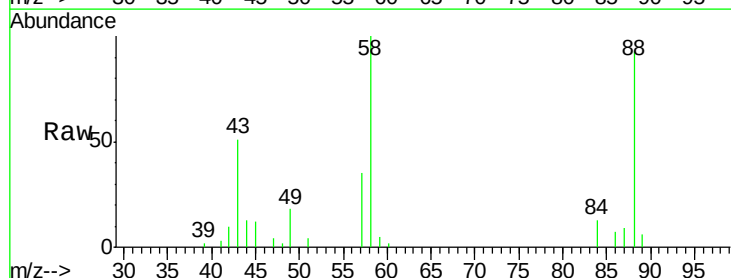
RT: 1.05 min Scan# 14

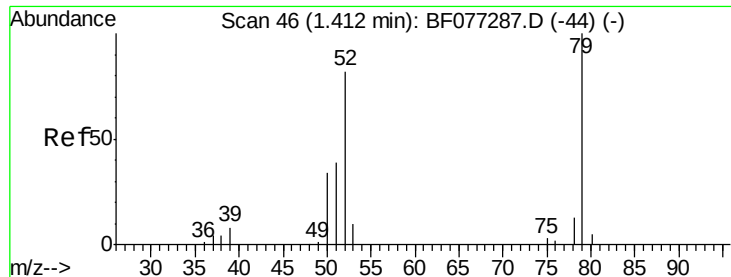
Delta R.T. 0.05 min

Lab File: BF077297.D

Acq: 12 Feb 2015 22:52

Tgt Ion:	88	Resp:	25902
Ion Ratio	Lower	Upper	
88	100		
58	92.5	77.0	115.6
43	35.0	28.1	42.1





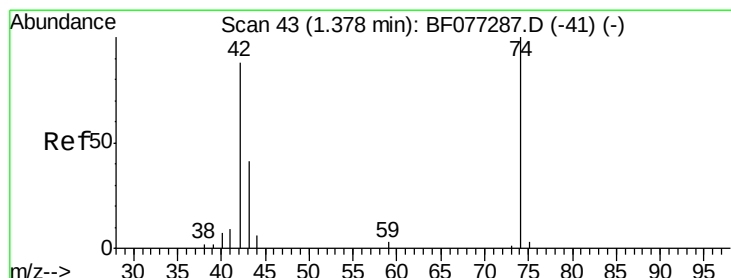
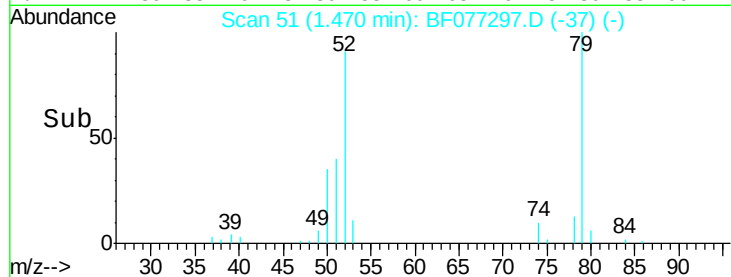
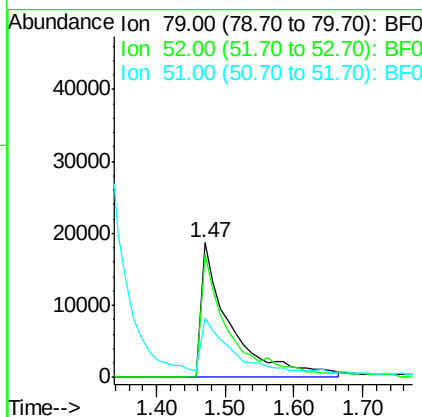
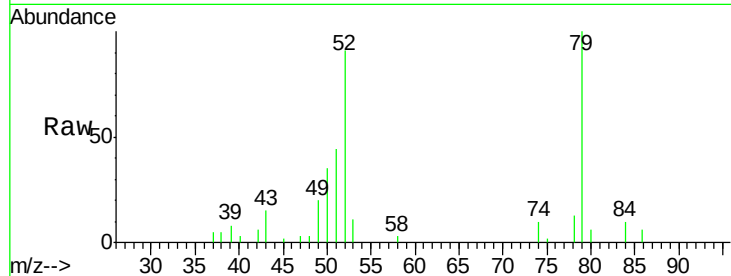
#3
 Pvridine
 Concen: 34.91 ng
 RT: 1.47 min Scan# 51
 Delta R.T. 0.06 min
 Lab File: BF077297.D
 Acq: 12 Feb 2015 22:52

Instrument :
 BNA_F
 ClientSampled :
 WC-1MSD

Tot Ion	Ratio	Lower	Upper
79	100		
52	91.3	65.3	97.9
51	43.7	35.4	53.0

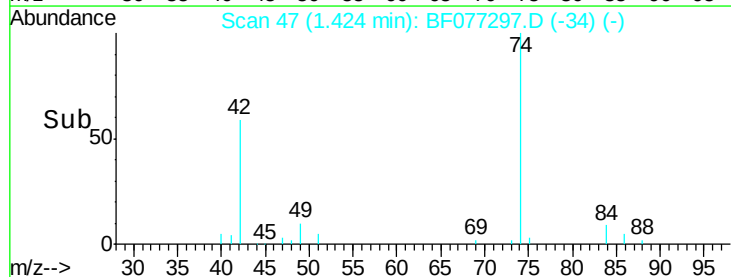
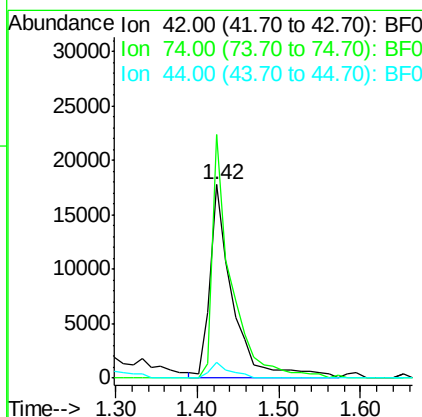
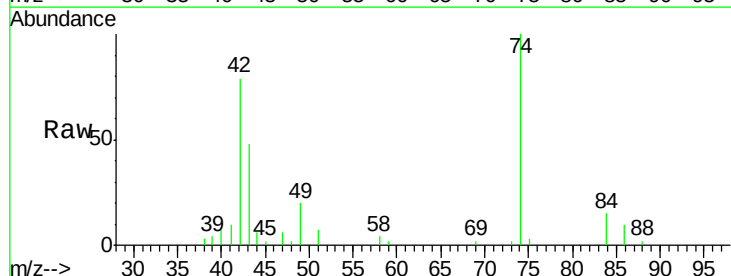
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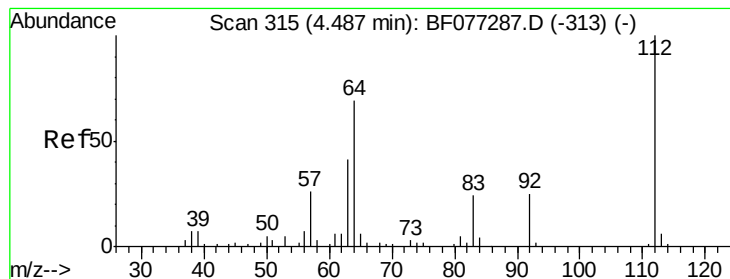
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#4
 n-Nitrosodimethylamine
 Concen: 42.26 ng
 RT: 1.42 min Scan# 47
 Delta R.T. 0.05 min
 Lab File: BF077297.D
 Acq: 12 Feb 2015 22:52

Tgt Ion	Ratio	Lower	Upper
42	100		
74	125.8	90.8	136.2
44	8.0	5.8	8.6





#5

2-Fluorophenol

Concen: 128.47 ng

RT: 4.51 min Scan# 317

Delta R.T. 0.02 min

Lab File: BF077297.D

Acq: 12 Feb 2015 22:52

Instrument :

BNA_F

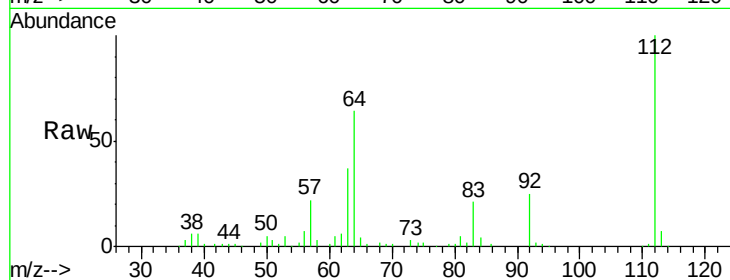
ClientSampleID :

WC-1MSD

Tot Ion	Ratio	Resp Lower	Upper
112	100		
64	63.8	55.0	82.4
63	36.8	33.0	49.6

Manual Integrations
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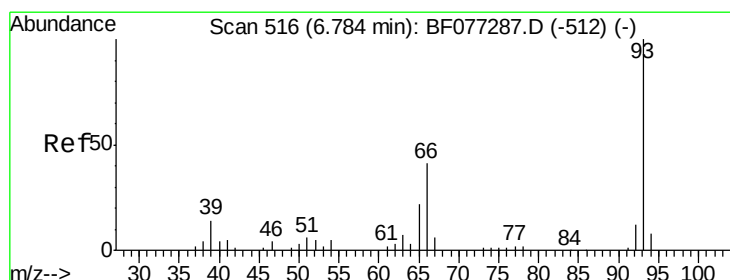
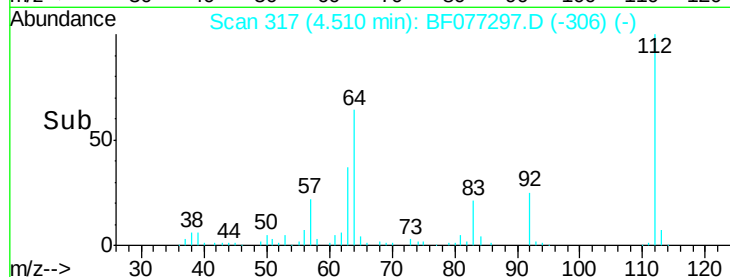
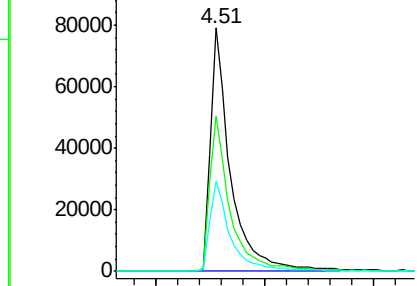
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Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 6.55 ng

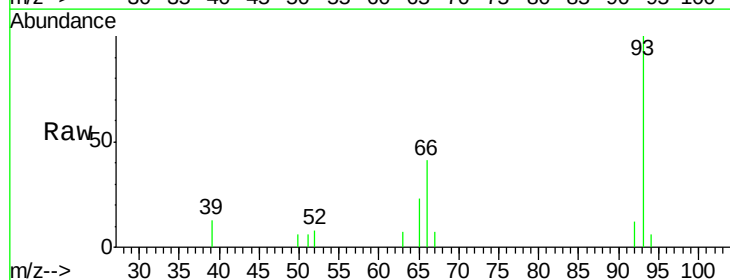
RT: 6.81 min Scan# 518

Delta R.T. 0.02 min

Lab File: BF077297.D

Acq: 12 Feb 2015 22:52

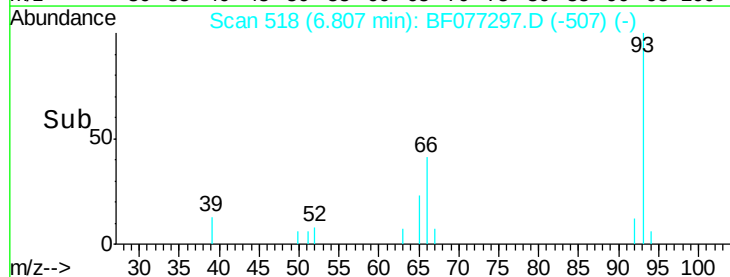
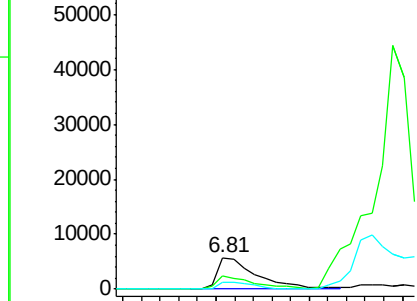
Tgt Ion	Ratio	Resp Lower	Upper
93	100		
66	41.0	33.1	49.7
65	23.1	17.2	25.8

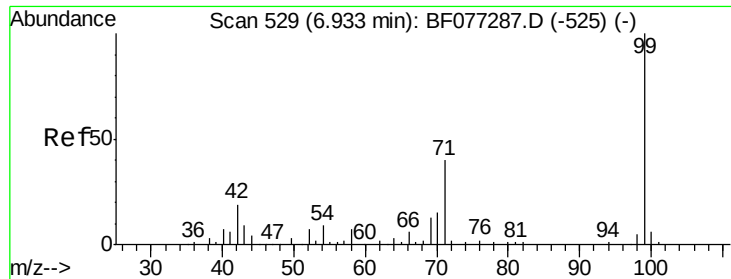


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 124.55 ng

RT: 6.93 min Scan# 529

Delta R.T. 0.00 min

Lab File: BF077297.D

Acq: 12 Feb 2015 22:52

Instrument :

BNA_F

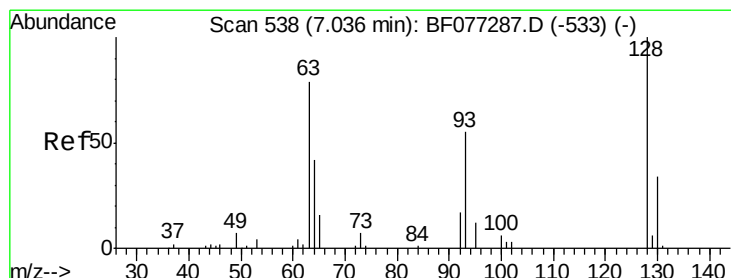
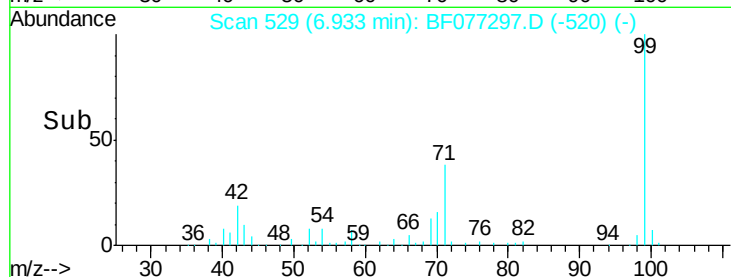
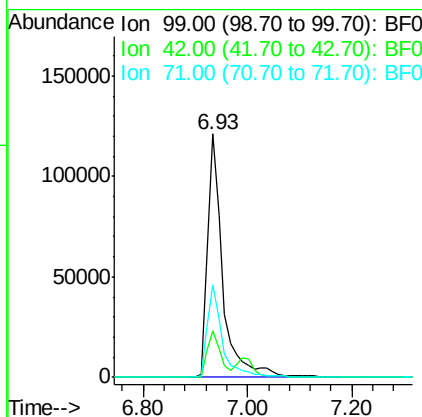
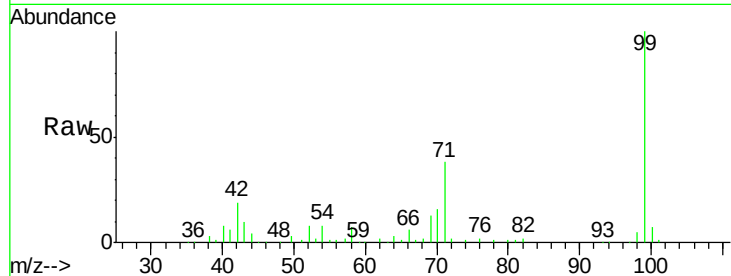
ClientSampleId :

WC-1MSD

Tot Ion:	99	Resp:	243513
Ion Ratio	Lower	Upper	
99	100		
42	19.3	15.0	22.4
71	37.8	31.8	47.6

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#8

2-Chlorophenol

Concen: 45.83 ng

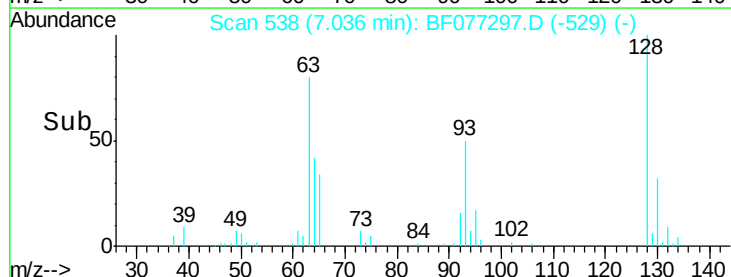
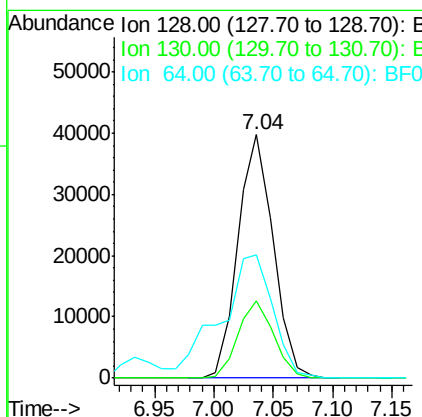
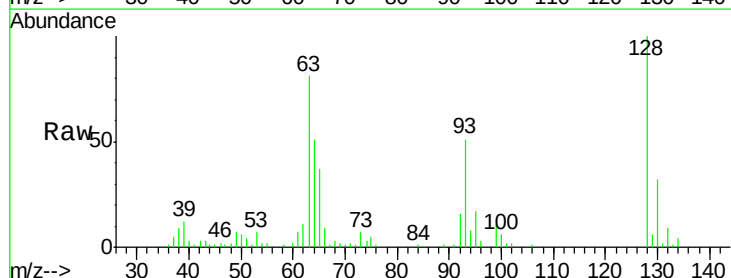
RT: 7.04 min Scan# 538

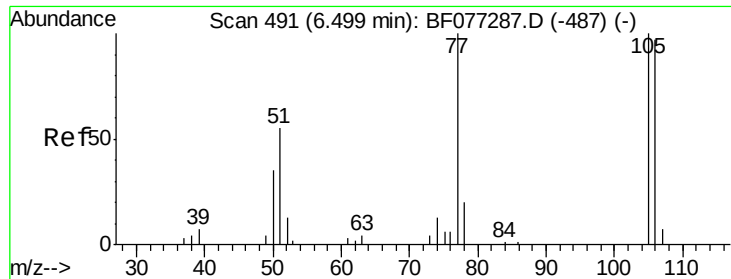
Delta R.T. 0.00 min

Lab File: BF077297.D

Acq: 12 Feb 2015 22:52

Tgt Ion:	128	Resp:	82165
Ion Ratio	Lower	Upper	
128	100		
130	31.8	14.4	54.4
64	50.5	30.4	70.4





#9

Benzaldehyde

Concen: 2.85 ng

RT: 6.57 min Scan# 497

Delta R.T. 0.07 min

Lab File: BF077297.D

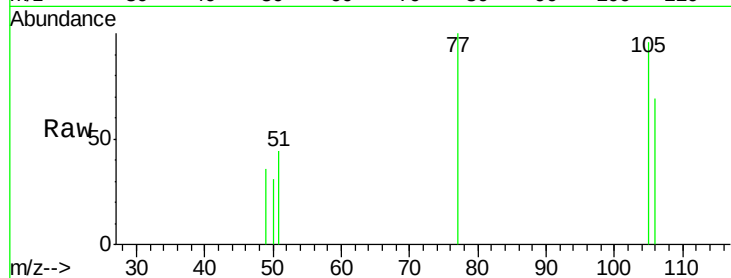
Acq: 12 Feb 2015 22:52

Instrument :

BNA_F

ClientSampleId :

WC-1MSD



Tot Ion: 77 Resp: 3436

Ion Ratio Lower Upper

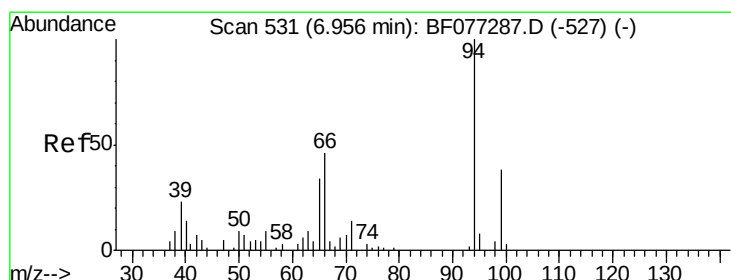
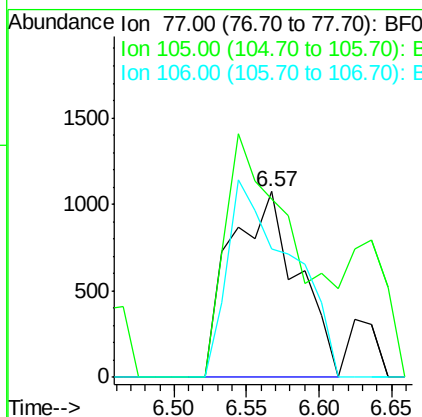
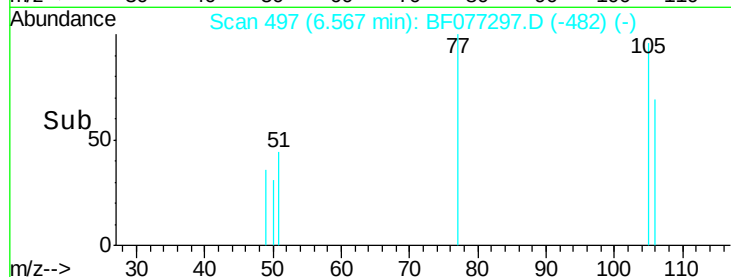
77 100

105 96.1 80.4 120.4

106 69.0 77.5 117.5#

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#10

Phenol

Concen: 34.96 ng

RT: 6.97 min Scan# 532

Delta R.T. 0.01 min

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Acq: 12 Feb 2015 22:52

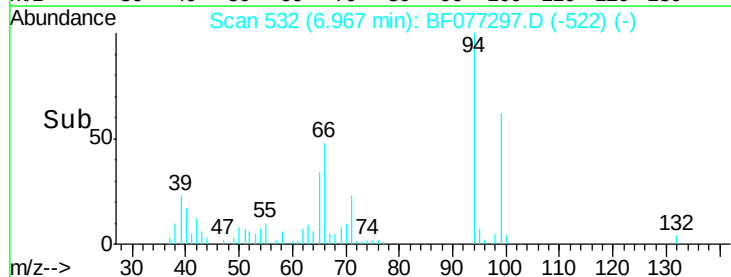
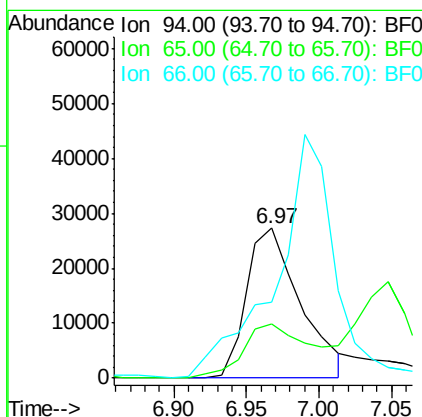
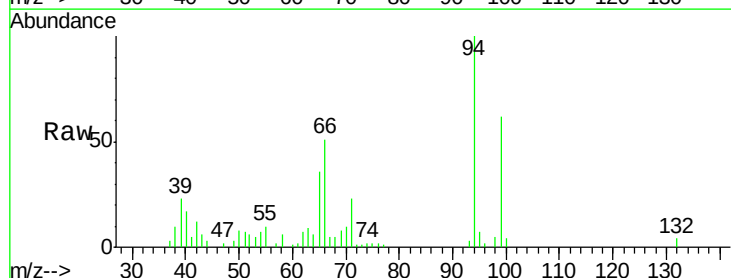
Tgt Ion: 94 Resp: 70256

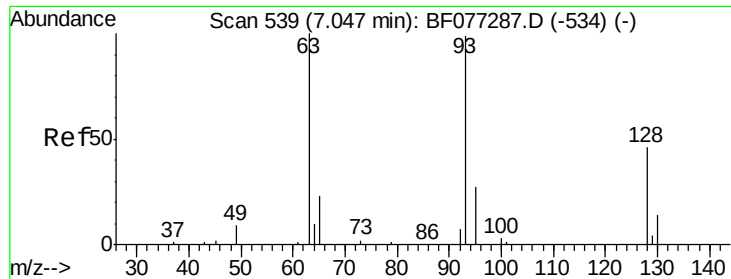
Ion Ratio Lower Upper

94 100

65 35.8 14.2 54.2

66 50.9 25.7 65.7





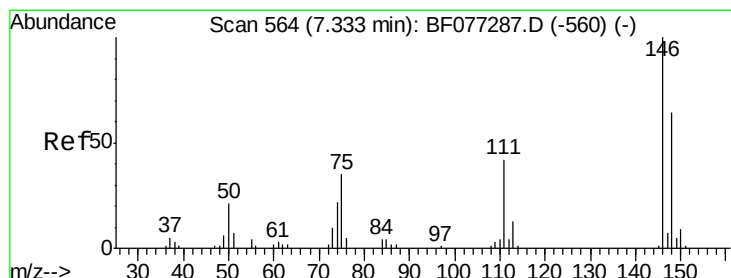
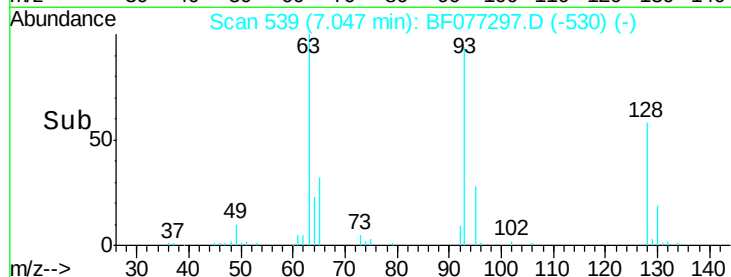
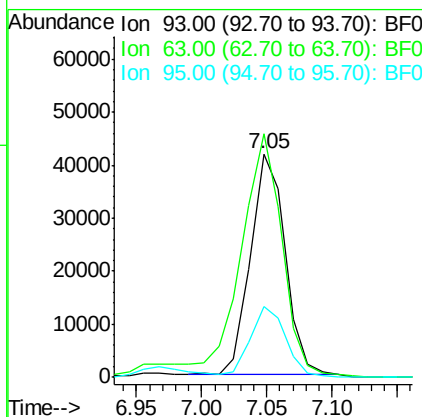
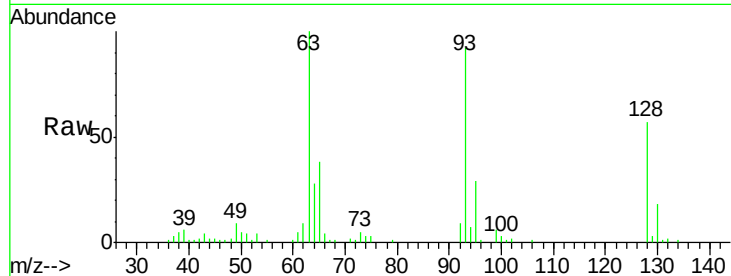
#11
bis(2-Chloroethyl)ether
Concen: 48.42 ng
RT: 7.05 min Scan# 539
Delta R.T. 0.00 min
Lab File: BF077297.D
Acq: 12 Feb 2015 22:52

Instrument :
BNA_F
ClientSampleId :
WC-1MSD

Tot Ion	Ratio	Lower	Upper
93	100		
63	108.8	86.6	126.6
95	31.6	12.0	52.0

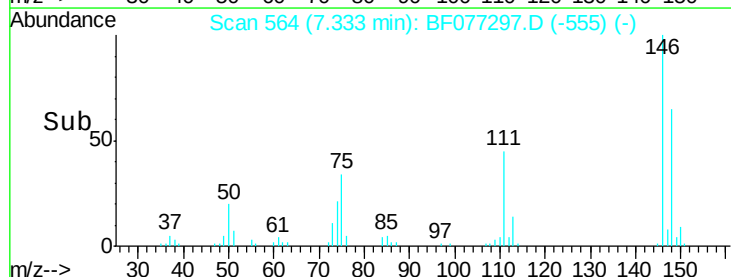
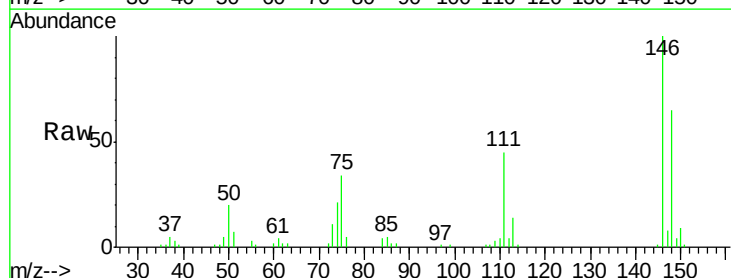
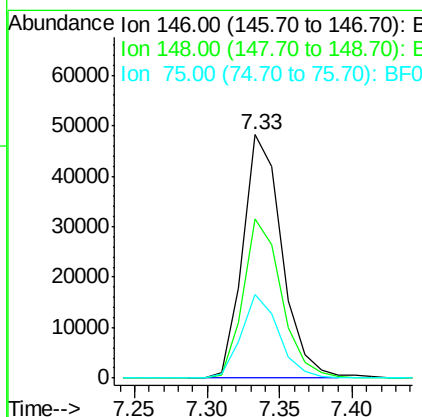
Manual Integrations
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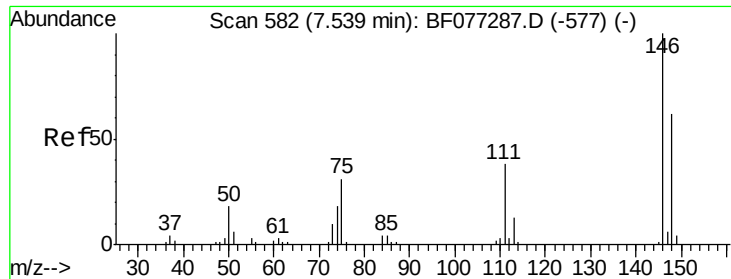
mohammad
2/13/2015 5:40:37 PM



#12
1,3-Dichlorobenzene
Concen: 45.43 ng
RT: 7.33 min Scan# 564
Delta R.T. 0.00 min
Lab File: BF077297.D
Acq: 12 Feb 2015 22:52

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.4	50.9	76.3
75	34.2	28.1	42.1





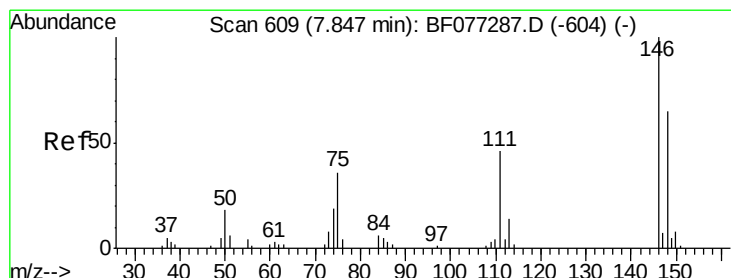
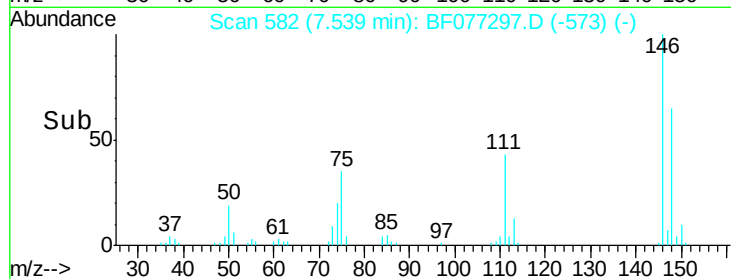
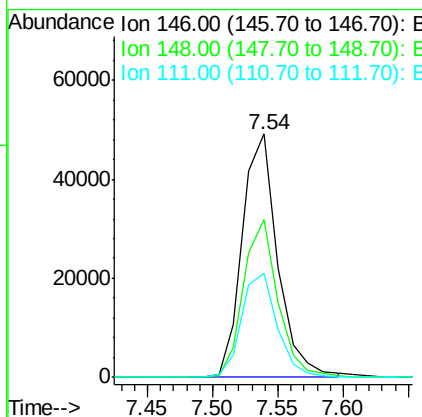
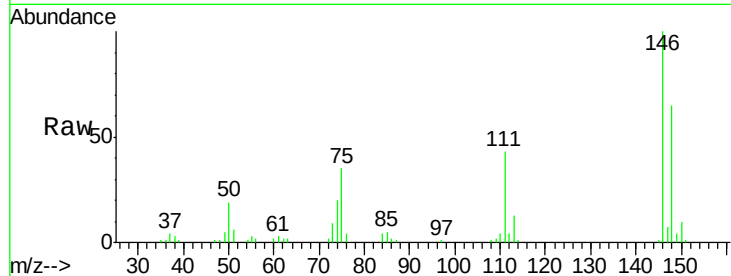
#13
1,4-Dichlorobenzene
Concen: 45.59 ng
RT: 7.54 min Scan# 582
Delta R.T. 0.00 min
Lab File: BF077297.D
Acq: 12 Feb 2015 22:52

Instrument :
BNA_F
ClientSampleId :
WC-1MSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.6	49.8	74.6
111	42.9	30.2	45.2

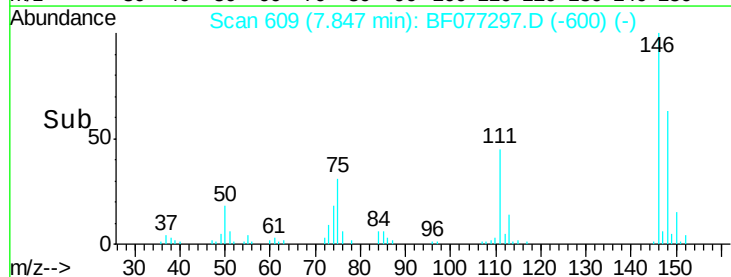
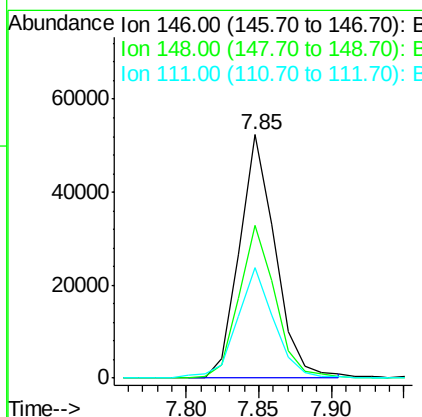
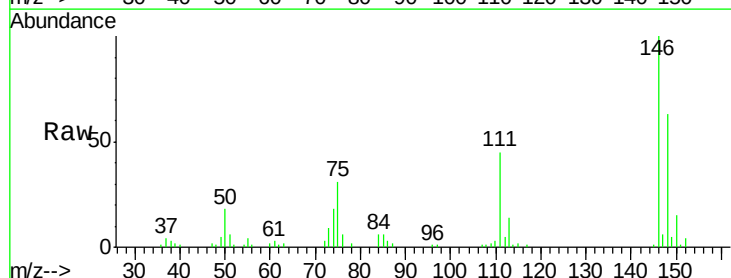
Manual Integrations
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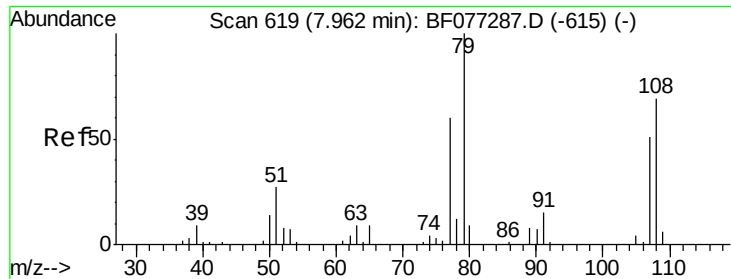
mohammad
2/13/2015 5:40:37 PM



#14
1,2-Dichlorobenzene
Concen: 46.33 ng
RT: 7.85 min Scan# 609
Delta R.T. 0.00 min
Lab File: BF077297.D
Acq: 12 Feb 2015 22:52

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.8	52.0	78.0
111	45.2	37.0	55.4





#15

Benzyl Alcohol

Concen: 48.27 ng

RT: 7.96 min Scan# 619

Delta R.T. 0.00 min

Lab File: BF077297.D

Acq: 12 Feb 2015 22:52

Instrument :

BNA_F

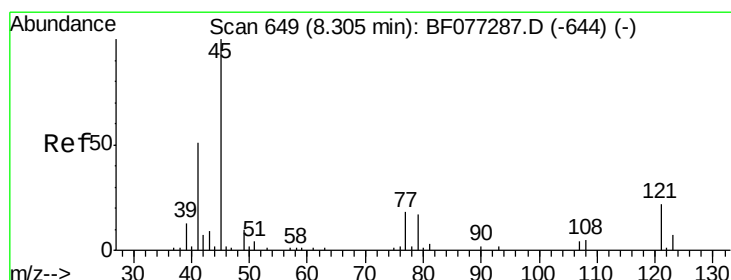
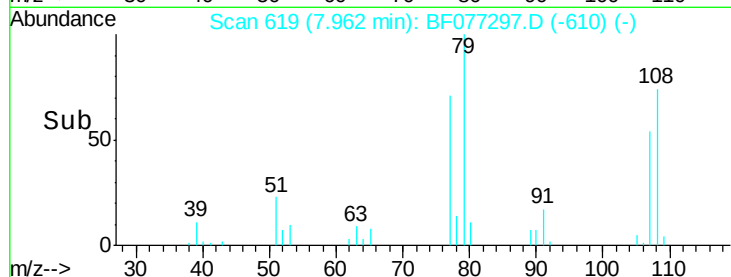
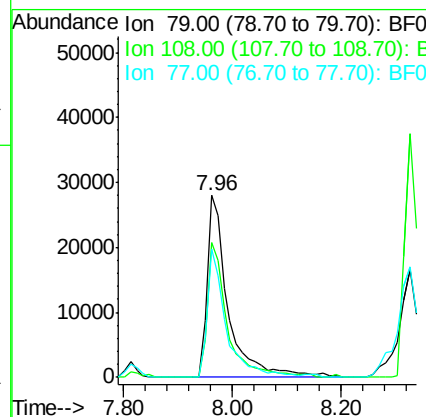
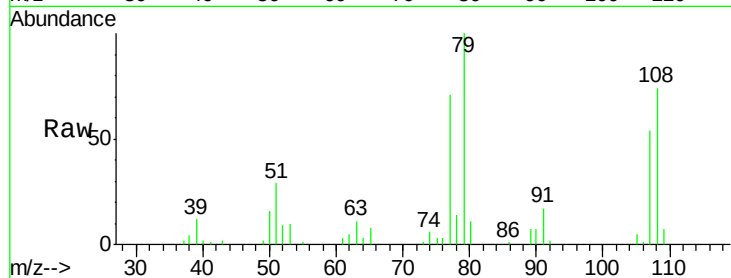
ClientSampleId :

WC-1MSD

Tot Ion:	79	Resp:	74749
Ion	Ratio	Lower	Upper
79	100		
108	73.9	54.8	82.2
77	70.9	48.0	72.0

Manual Integrations
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#16

2,2'-oxybis(1-chloropropane)

Concen: 45.87 ng

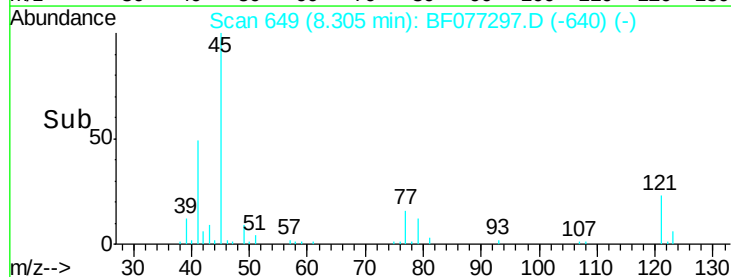
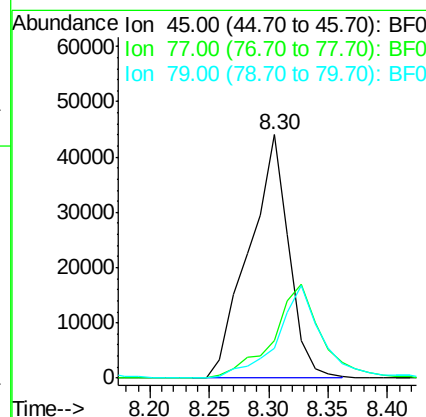
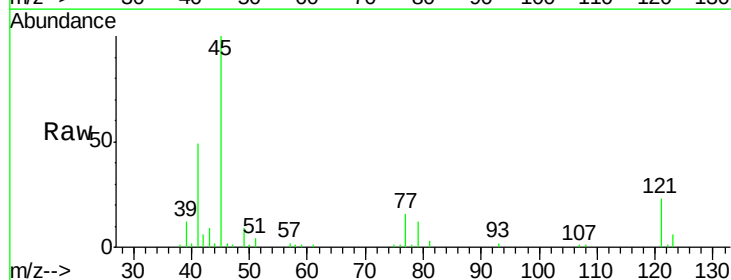
RT: 8.30 min Scan# 649

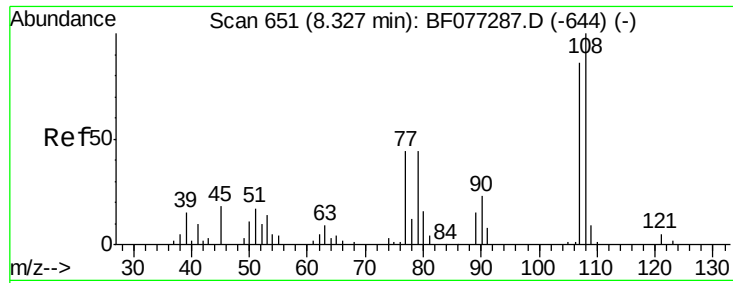
Delta R.T. 0.00 min

Lab File: BF077297.D

Acq: 12 Feb 2015 22:52

Tgt Ion:	45	Resp:	102945
Ion	Ratio	Lower	Upper
45	100		
77	15.6	0.0	38.2
79	12.0	0.0	37.0





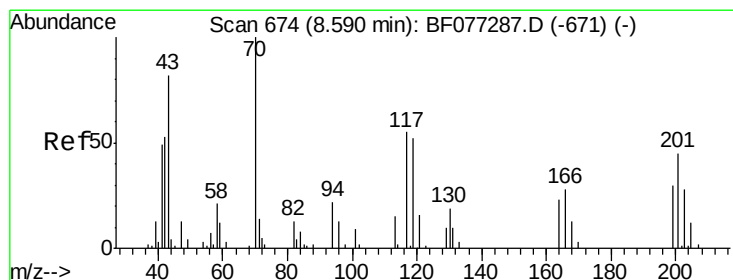
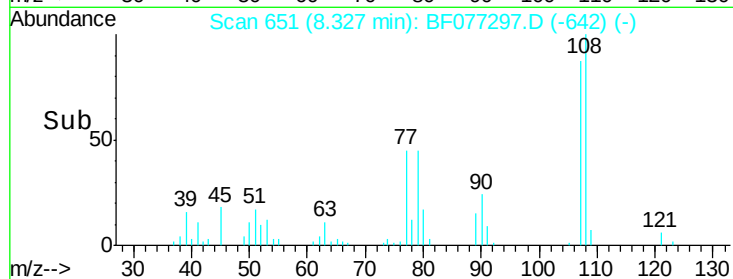
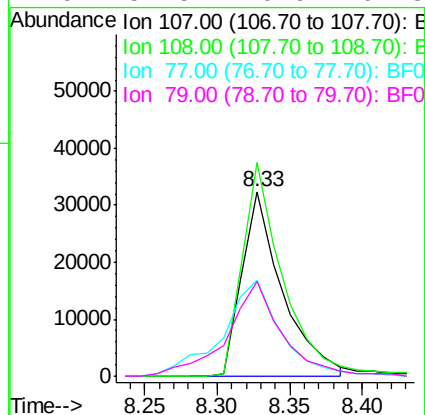
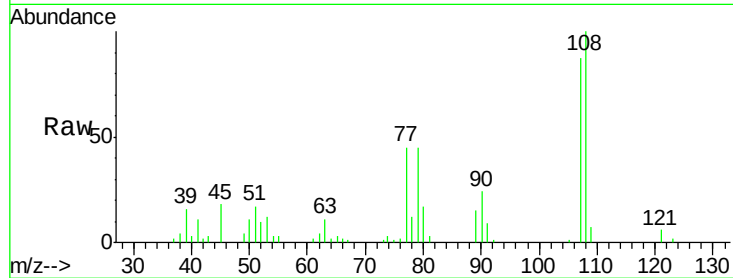
#17
2-Methylphenol
Concen: 45.18 ng
RT: 8.33 min Scan# 651
Delta R.T. 0.00 min
Lab File: BF077297.D
Acq: 12 Feb 2015 22:52

Instrument :
BNA_F
ClientSampleId :
WC-1MSD

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	115.6	93.2	139.8	
77	52.3	41.3	61.9	
79	51.5	40.9	61.3	

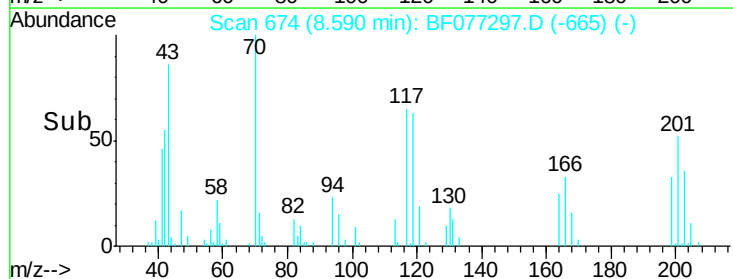
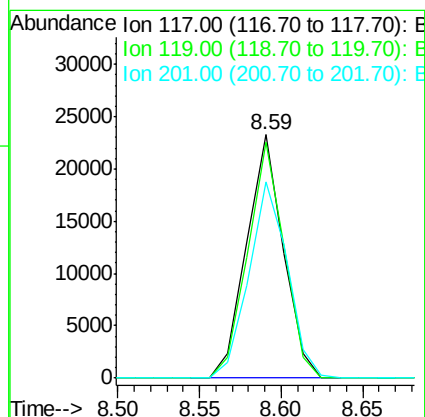
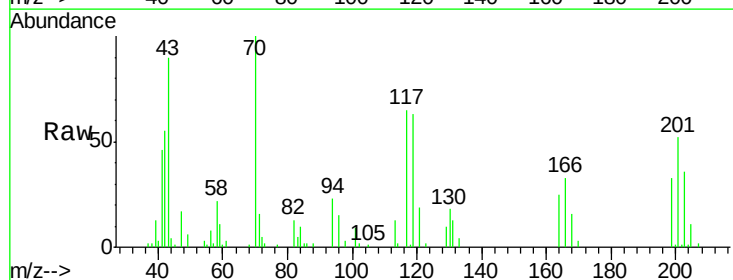
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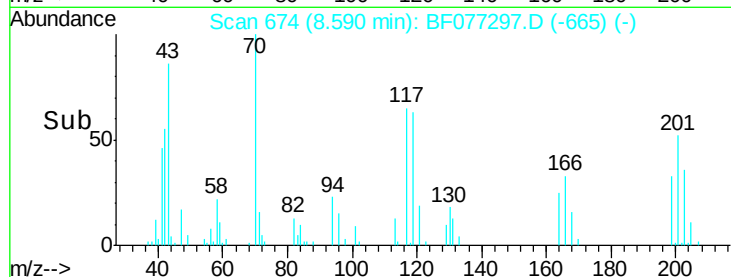
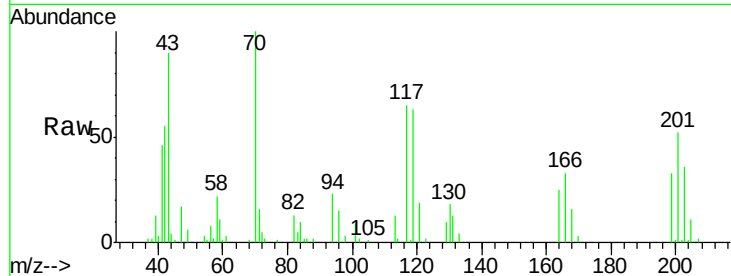
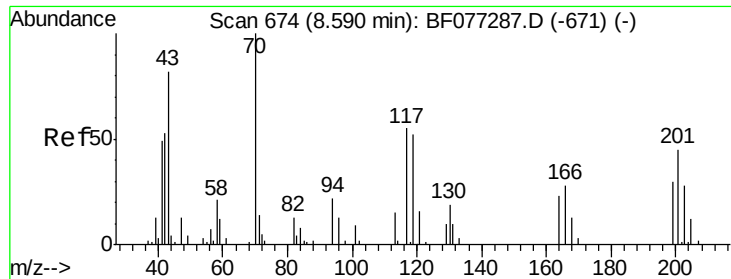
mohammad
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#18
Hexachloroethane
Concen: 48.96 ng
RT: 8.59 min Scan# 674
Delta R.T. 0.00 min
Lab File: BF077297.D
Acq: 12 Feb 2015 22:52

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	96.7	75.5	113.3	
201	80.6	64.3	96.5	





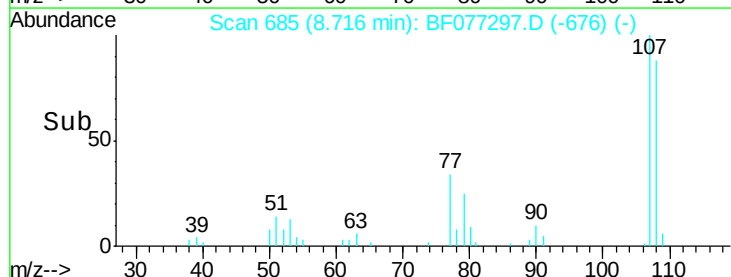
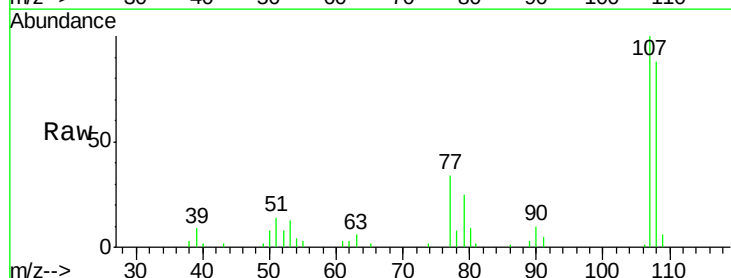
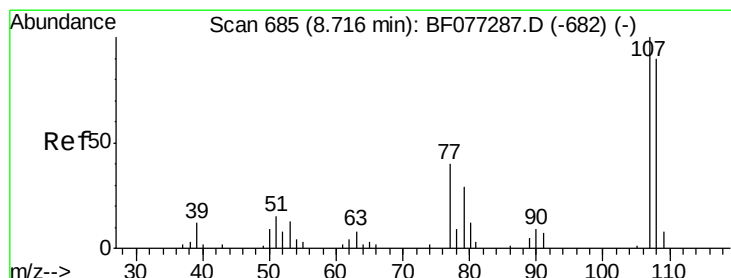
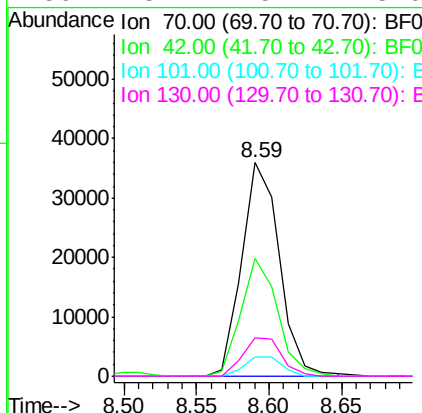
#19
n-Nitroso-di-n-propylamine
Concen: 47.14 ng
RT: 8.59 min Scan# 674
Delta R.T. 0.00 min
Lab File: BF077297.D
Acq: 12 Feb 2015 22:52

Instrument :
BNA_F
ClientSampleId :
WC-1MSD

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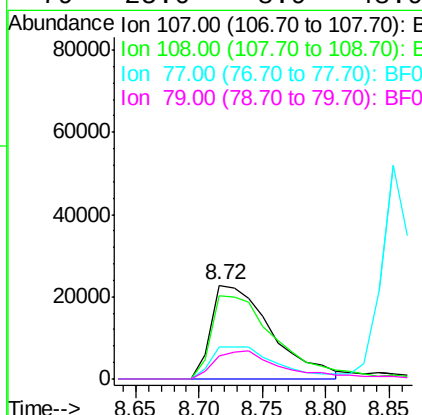
mohammad
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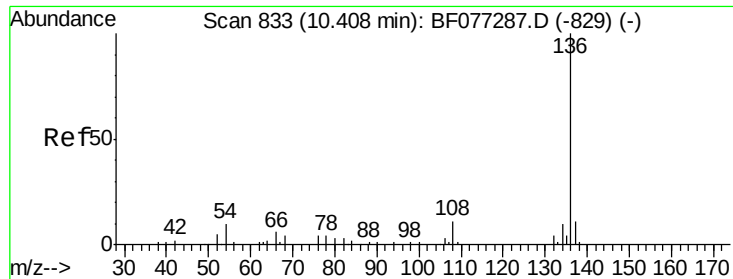
Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	54.9	42.8	64.2	
101	9.3	7.4	11.2	
130	18.1	15.4	23.0	



#20
3+4-Methylphenols
Concen: 42.61 ng m
RT: 8.72 min Scan# 685
Delta R.T. 0.00 min
Lab File: BF077297.D
Acq: 12 Feb 2015 22:52

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	88.0	69.7	109.7	
77	34.4	19.5	59.5	
79	25.0	8.9	48.9	





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.41 min Scan# 833

Delta R.T. 0.00 min

Lab File: BF077297.D

Acq: 12 Feb 2015 22:52

Instrument :

BNA_F

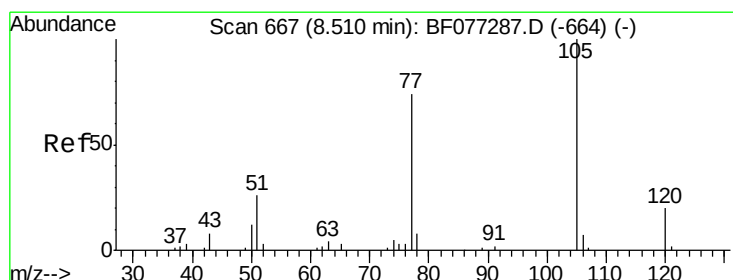
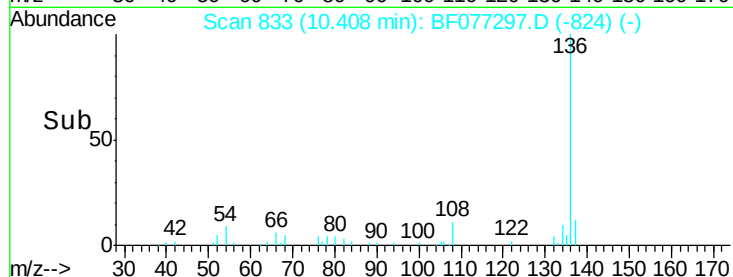
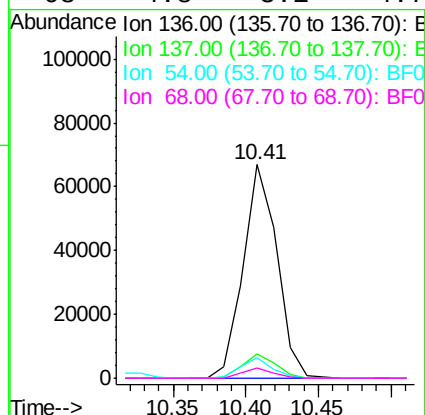
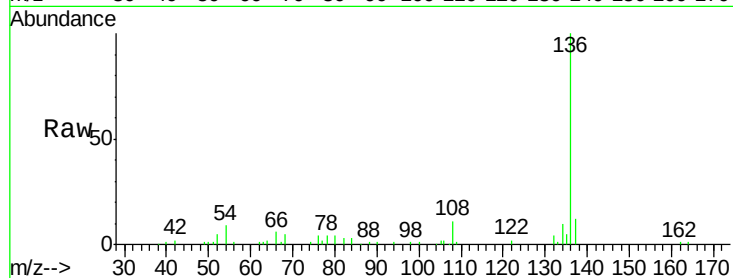
ClientSampleId :

WC-1MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100				
137	11.5	8.7	13.1		
54	9.5	8.2	12.2		
68	4.8	3.1	4.7#		

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#22

Acetophenone

Concen: 49.02 ng

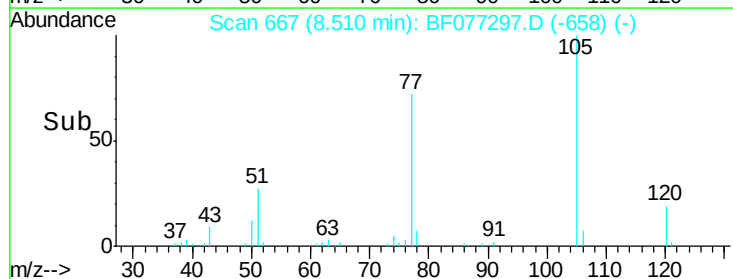
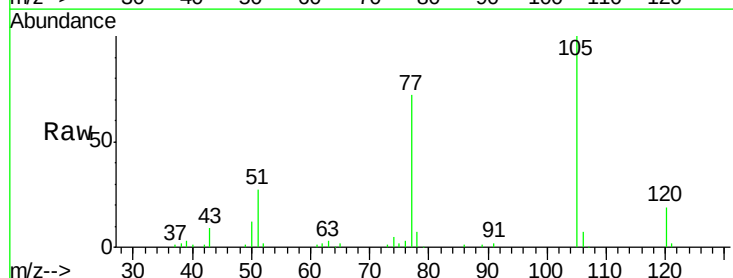
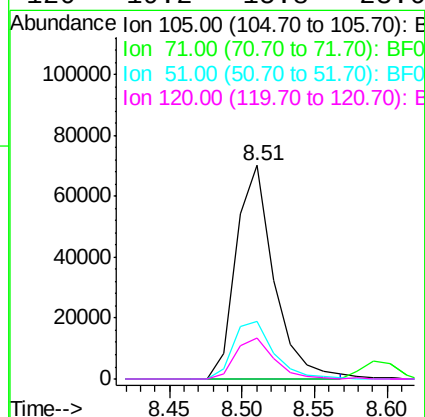
RT: 8.51 min Scan# 667

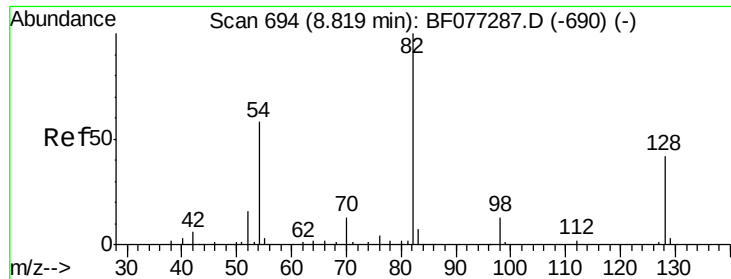
Delta R.T. 0.00 min

Lab File: BF077297.D

Acq: 12 Feb 2015 22:52

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100				
71	0.0	0.0	0.0		
51	27.2	21.0	31.6		
120	19.2	15.8	23.6		





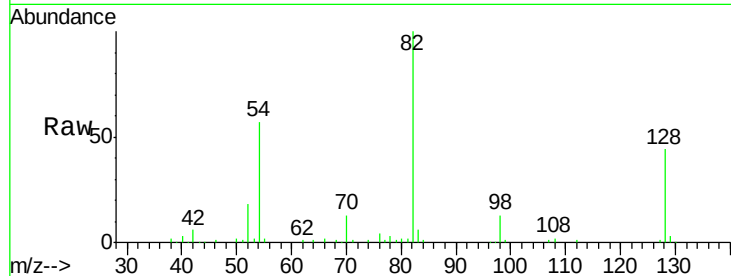
#23
 Nitrobenzene-d5
 Concen: 101.79 ng
 RT: 8.82 min Scan# 694
 Delta R.T. 0.00 min
 Lab File: BF077297.D
 Acq: 12 Feb 2015 22:52

Instrument :
 BNA_F
 ClientSampleId :
 WC-1MSD

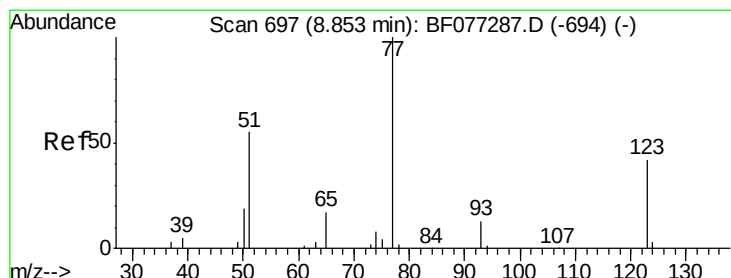
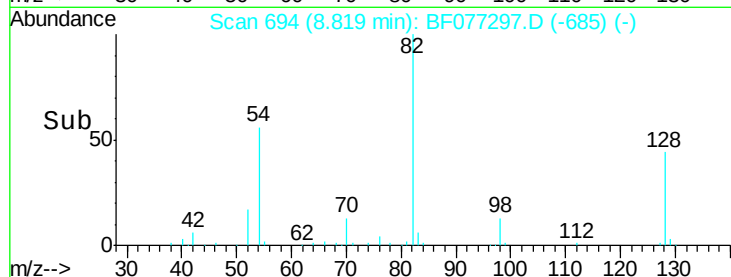
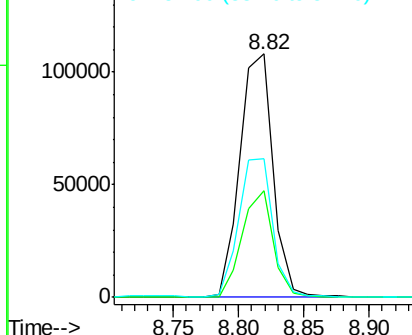
Tot Ion	Ratio	Resp	Lower	Upper
82	100	192132		
128	43.8	33.6	50.4	
54	56.9	46.2	69.2	

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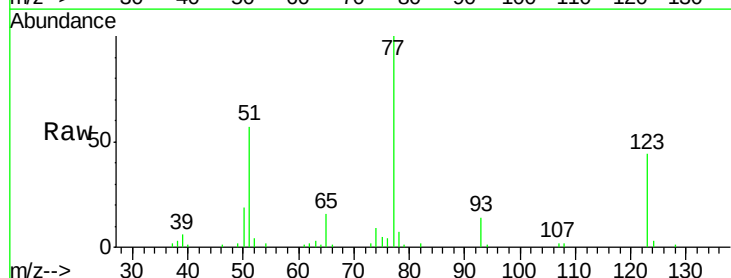


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

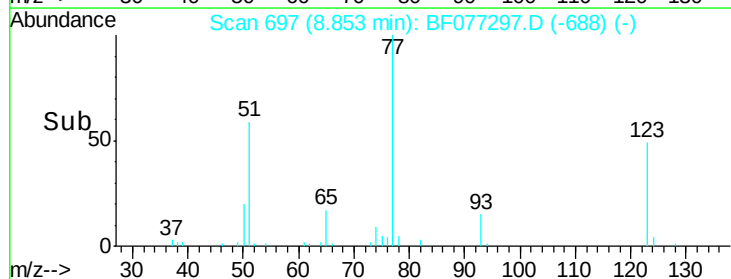
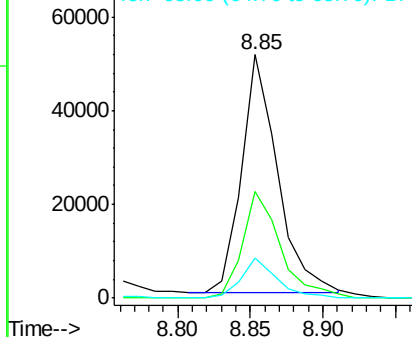


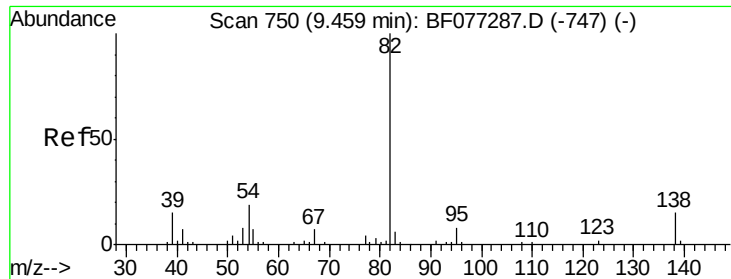
#24
 Nitrobenzene
 Concen: 46.33 ng
 RT: 8.85 min Scan# 697
 Delta R.T. 0.00 min
 Lab File: BF077297.D
 Acq: 12 Feb 2015 22:52

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	86706		
123	44.0	33.1	49.7	
65	16.4	13.0	19.6	



Abundance Ion 77.00 (76.70 to 77.70): BF0
 Ion 123.00 (122.70 to 123.70): B
 Ion 65.00 (64.70 to 65.70): BF0





#25

Isophorone

Concen: 49.64 ng

RT: 9.46 min Scan# 750

Delta R.T. 0.00 min

Lab File: BF077297.D

Acq: 12 Feb 2015 22:52

Instrument :

BNA_F

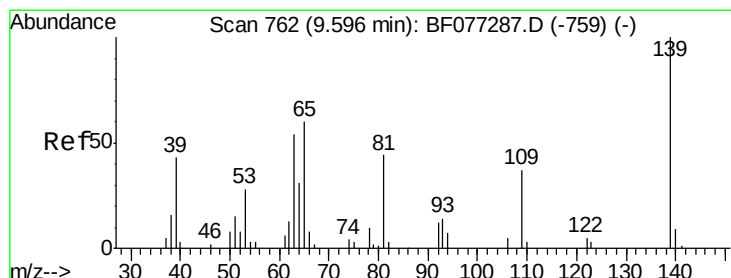
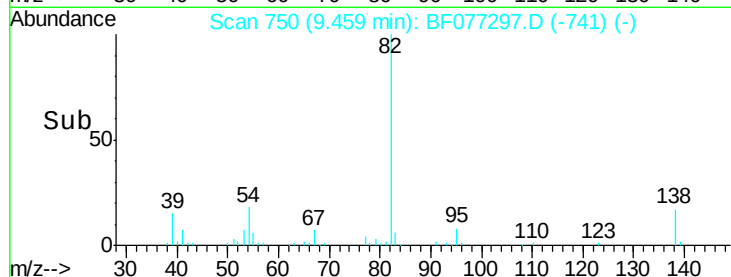
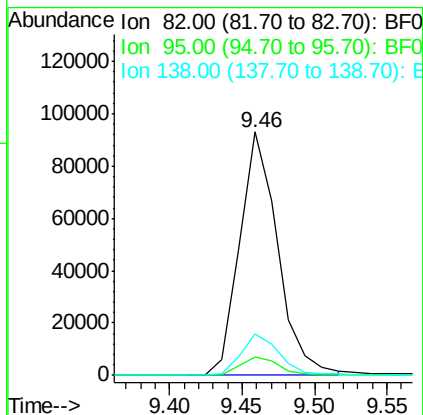
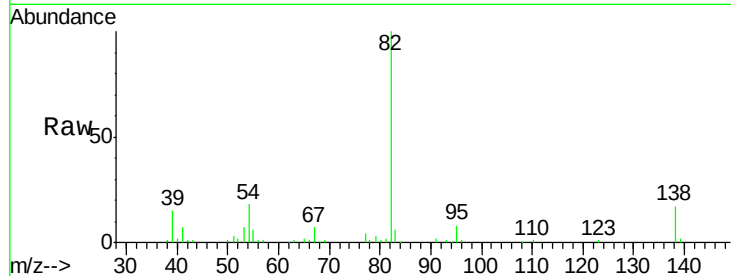
ClientSampleId :

WC-1MSD

Tot Ion:	82	Resp:	168889
Ion Ratio		Lower	Upper
82	100		
95	7.6	6.3	9.5
138	16.8	12.1	18.1

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#26

2-Nitrophenol

Concen: 45.92 ng

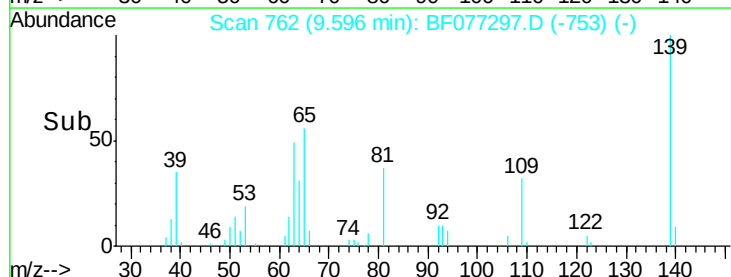
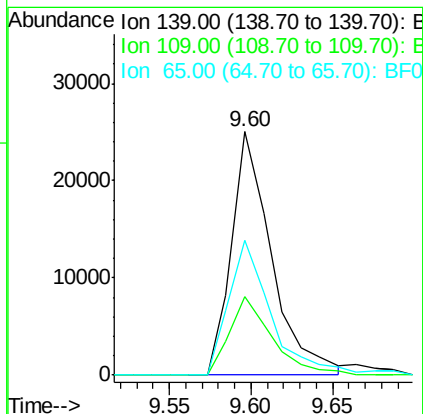
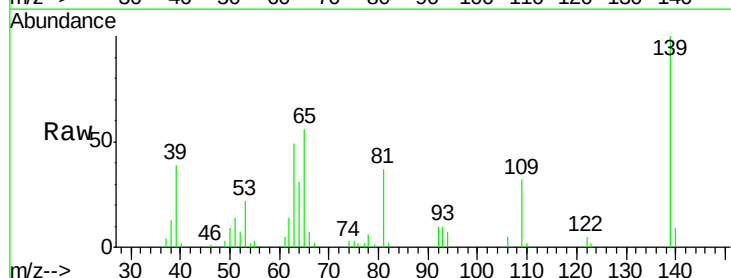
RT: 9.60 min Scan# 762

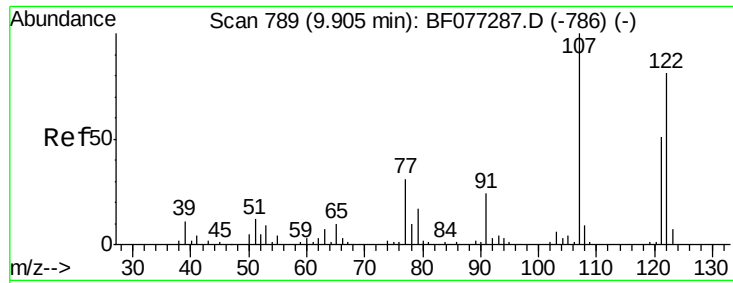
Delta R.T. 0.00 min

Lab File: BF077297.D

Acq: 12 Feb 2015 22:52

Tgt Ion:	139	Resp:	42650
Ion Ratio		Lower	Upper
139	100		
109	32.2	29.4	44.2
65	55.6	47.9	71.9





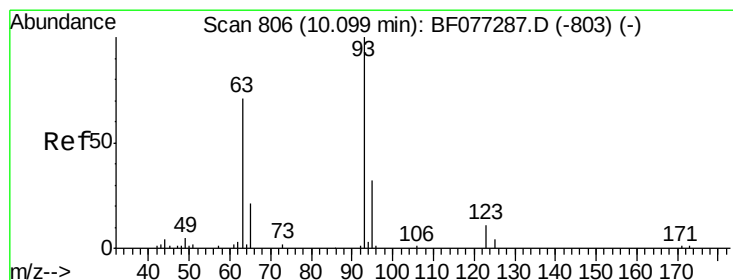
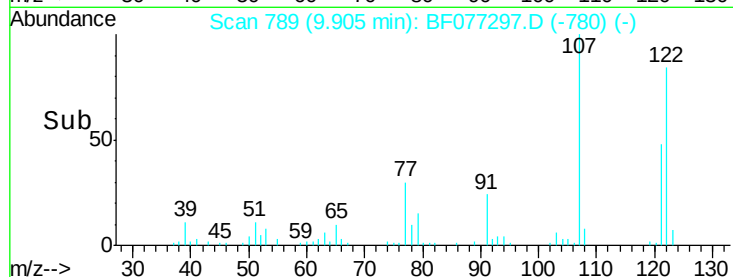
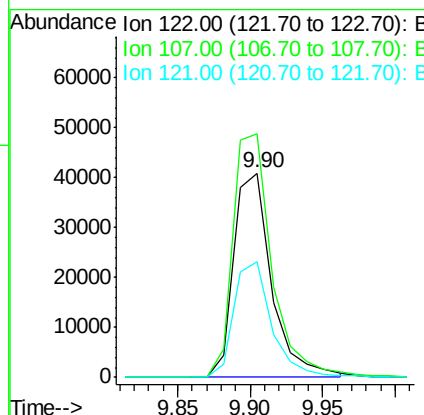
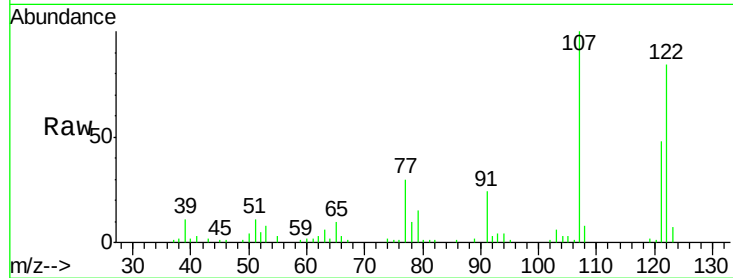
#27
 2,4-Dimethylphenol
 Concen: 48.57 ng
 RT: 9.90 min Scan# 789
 Delta R.T. 0.00 min
 Lab File: BF077297.D
 Acq: 12 Feb 2015 22:52

Instrument :
 BNA_F
 ClientSampleId :
 WC-1MSD

Tot Ion	Ratio	Lower	Upper
122	100		
107	119.1	99.1	148.7
121	56.7	50.2	75.2

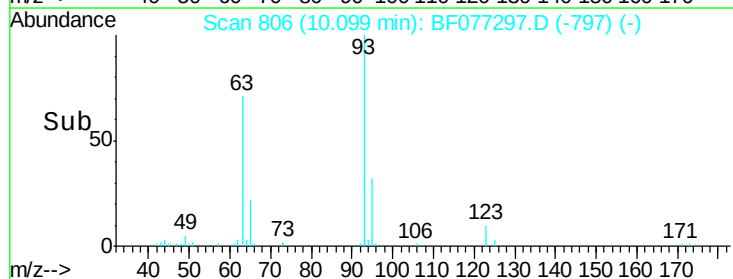
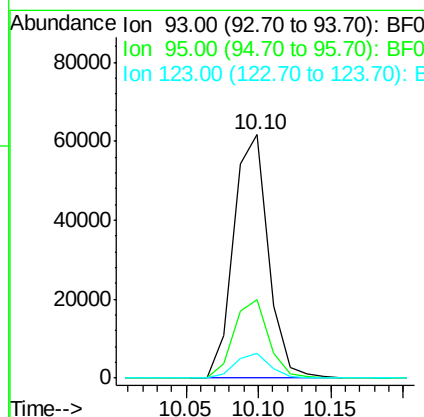
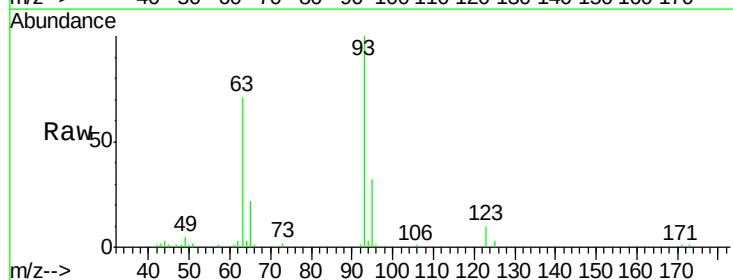
Manual Integrations
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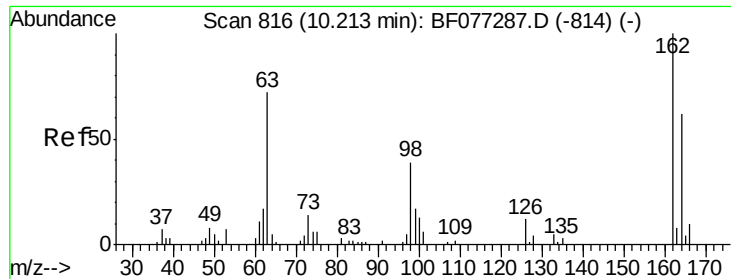
mohammad
 2/13/2015 5:40:37 PM



#28
 bis(2-Chloroethoxy)methane
 Concen: 49.46 ng
 RT: 10.10 min Scan# 806
 Delta R.T. 0.00 min
 Lab File: BF077297.D
 Acq: 12 Feb 2015 22:52

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.5	25.4	38.2
123	10.2	8.5	12.7





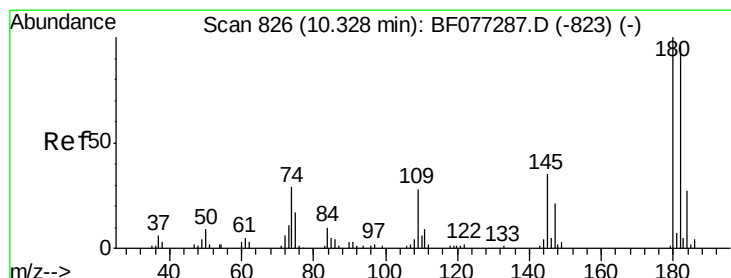
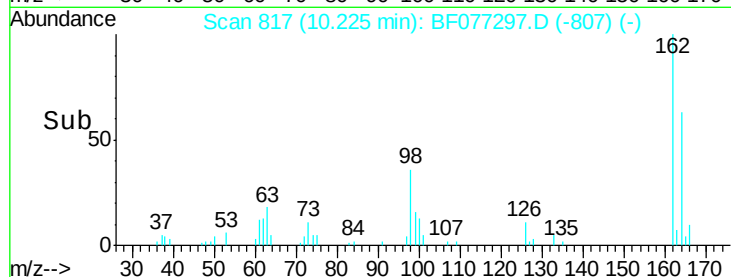
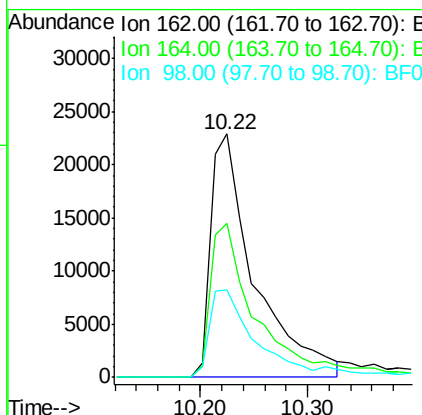
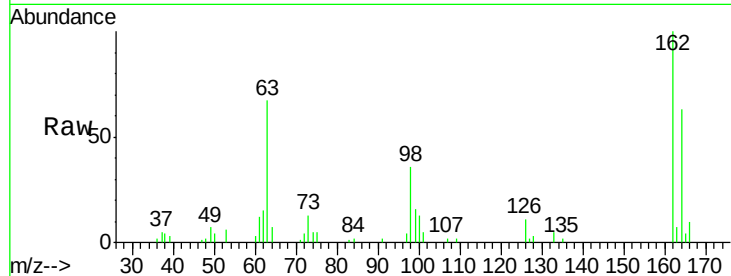
#29
2,4-Dichlorophenol
Concen: 46.71 ng/mL
RT: 10.22 min Scan# 817
Delta R.T. 0.01 min
Lab File: BF077297.D
Acq: 12 Feb 2015 22:52

Instrument :
BNA_F
ClientSampleId :
WC-1MSD

Tot Ion:	162	Resp:	65263
Ion Ratio	Lower	Upper	
162	100		
164	63.3	41.9	81.9
98	35.8	19.3	59.3

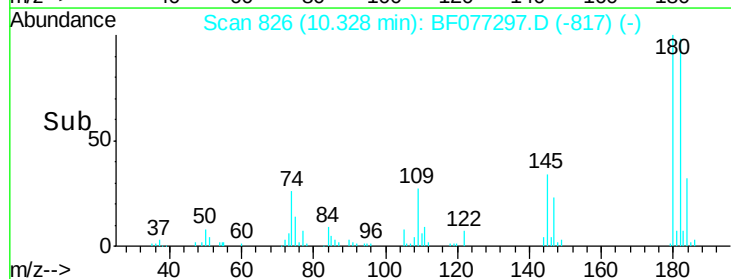
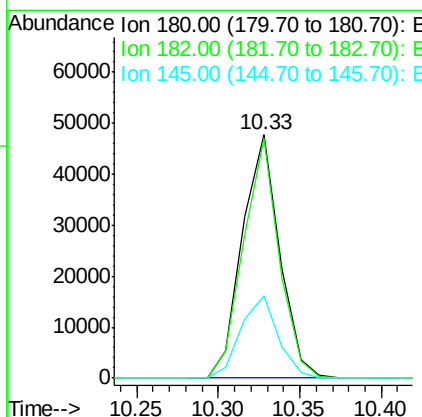
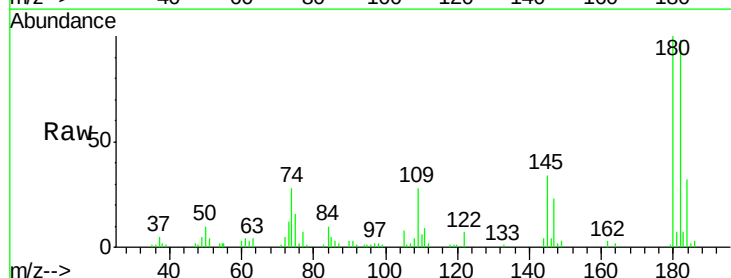
Manual Integrations
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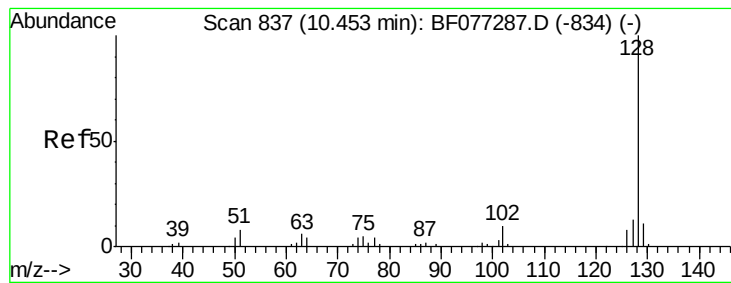
mohammad
2/13/2015 5:40:37 PM



#30
1,2,4-Trichlorobenzene
Concen: 47.95 ng/mL
RT: 10.33 min Scan# 826
Delta R.T. 0.00 min
Lab File: BF077297.D
Acq: 12 Feb 2015 22:52

Tgt Ion:	180	Resp:	75749
Ion Ratio	Lower	Upper	
180	100		
182	98.3	77.0	115.6
145	33.8	27.9	41.9





#31

Naphthalene

Concen: 55.73 ng

RT: 10.45 min Scan# 837

Delta R.T. 0.00 min

Lab File: BF077297.D

Acq: 12 Feb 2015 22:52

Instrument :

BNA_F

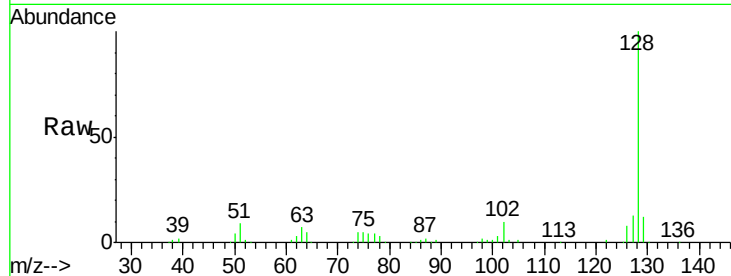
ClientSampleId :

WC-1MSD

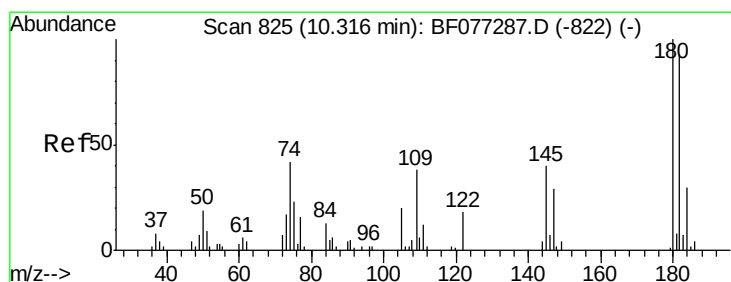
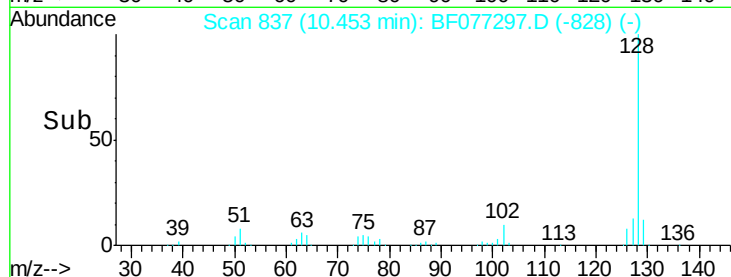
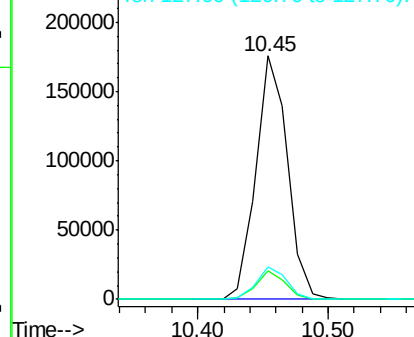
Tot Ion:	128	Resp:	296563
Ion Ratio	Lower	Upper	
128	100		
129	11.6	9.0	13.6
127	13.2	10.4	15.6

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



#32

Benzoic acid

Concen: 41.66 ng

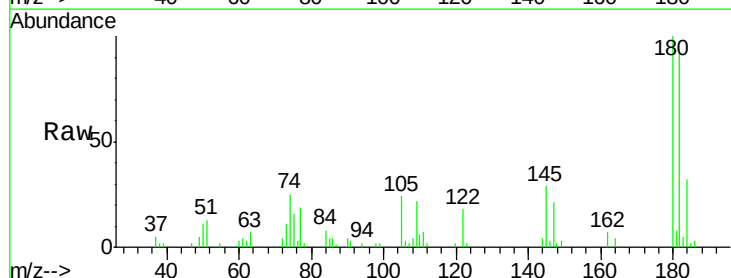
RT: 10.34 min Scan# 827

Delta R.T. 0.02 min

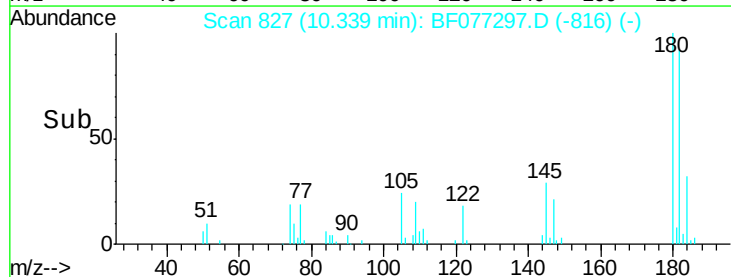
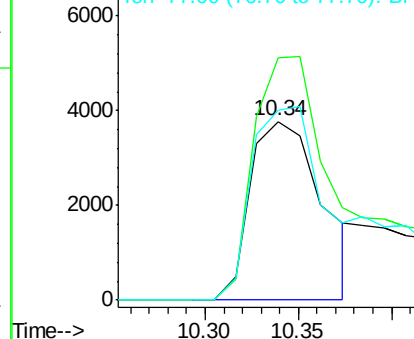
Lab File: BF077297.D

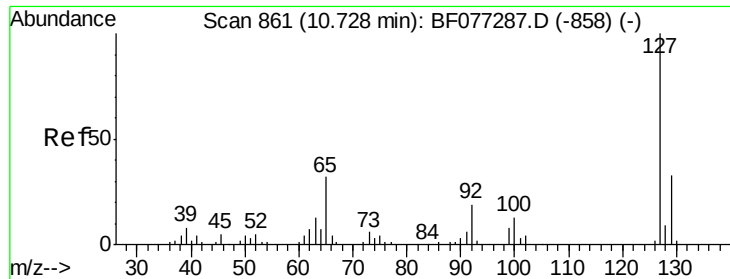
Acq: 12 Feb 2015 22:52

Tgt Ion:	122	Resp:	10066
Ion Ratio	Lower	Upper	
122	100		
105	135.9	93.4	133.4#
77	106.3	72.6	112.6



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





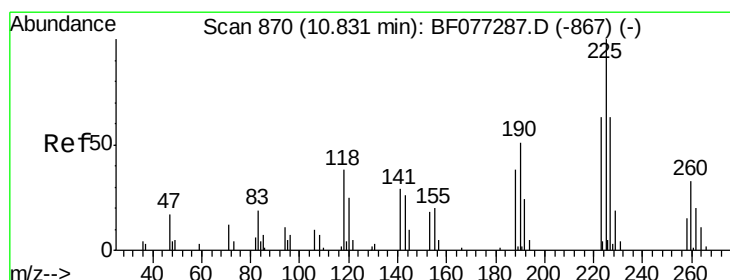
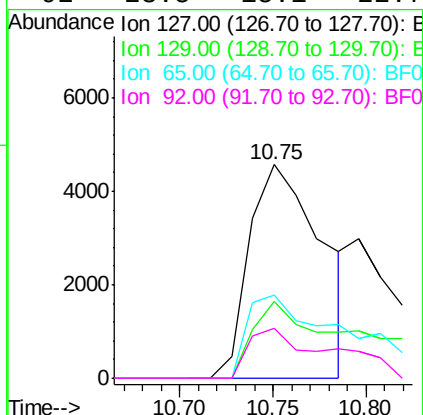
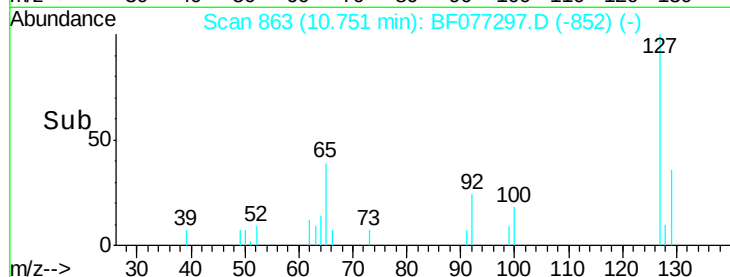
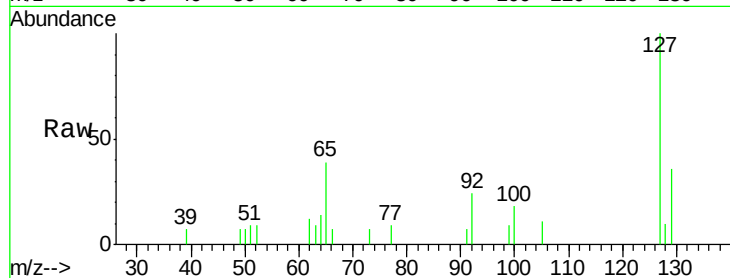
#33
4-Chloroaniline
Concen: 5.78 ng
RT: 10.75 min Scan# 863
Delta R.T. 0.02 min
Lab File: BF077297.D
Acq: 12 Feb 2015 22:52

Instrument :
BNA_F
ClientSampleId :
WC-1MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	36.1	26.0	39.0		
65	39.2	25.6	38.4		
92	23.5	15.1	22.7		

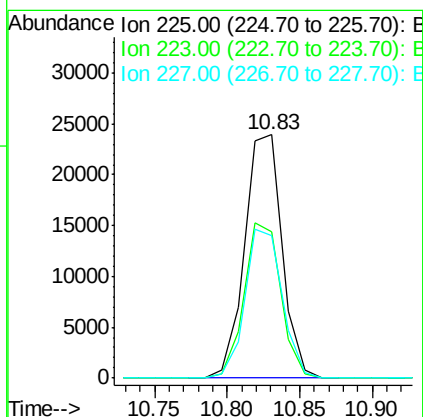
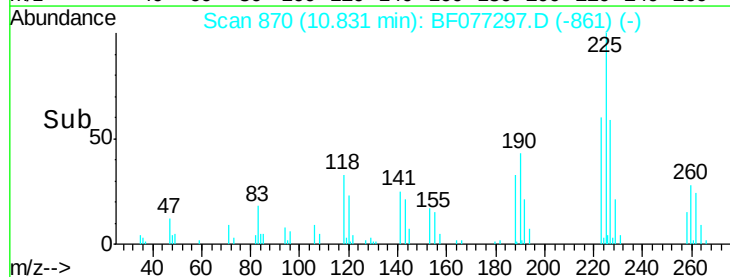
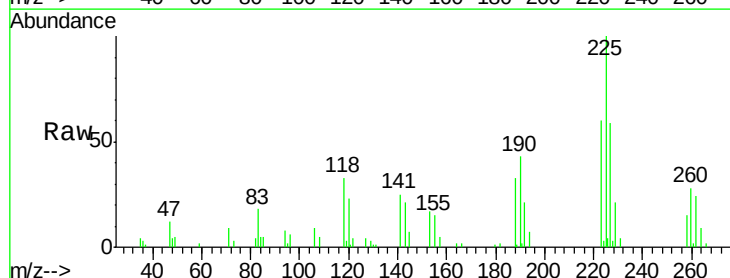
Manual Integrations
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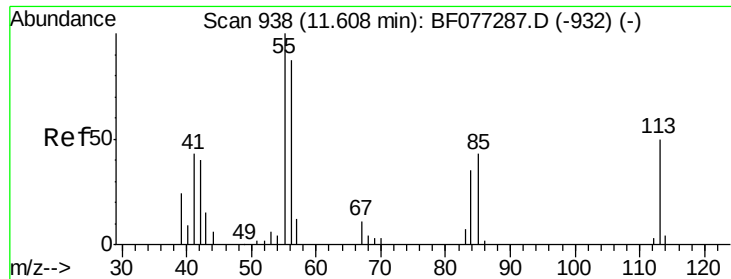
mohammad
2/13/2015 5:40:37 PM



#34
Hexachlorobutadiene
Concen: 47.76 ng
RT: 10.83 min Scan# 870
Delta R.T. 0.00 min
Lab File: BF077297.D
Acq: 12 Feb 2015 22:52

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	60.1	50.2	75.4		
227	58.7	50.2	75.2		





#35

Caprolactam

Concen: 34.99 ng/mL

RT: 11.58 min Scan# 936

Delta R.T. -0.02 min

Lab File: BF077297.D

Acq: 12 Feb 2015 22:52

Instrument :

BNA_F

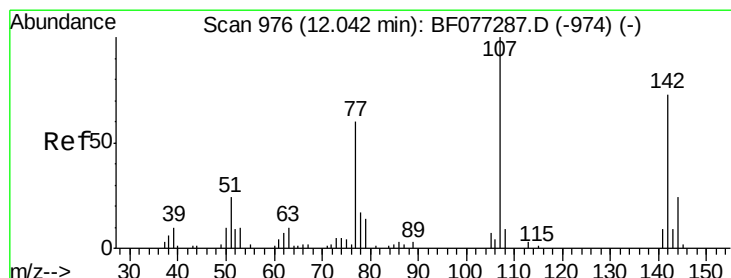
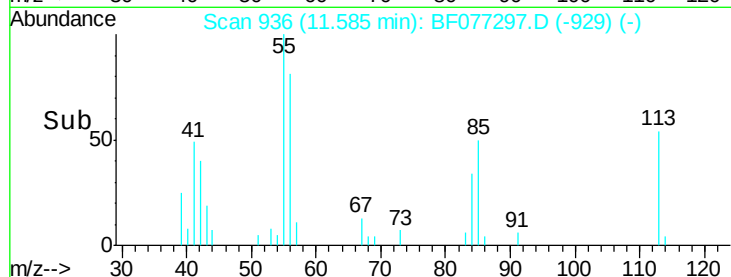
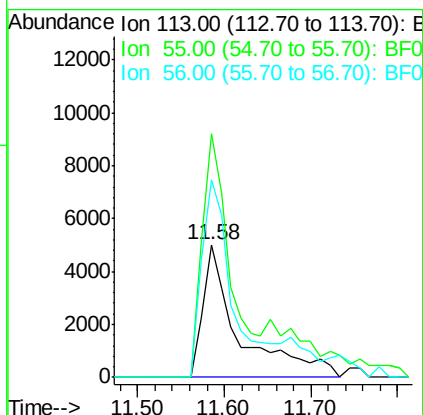
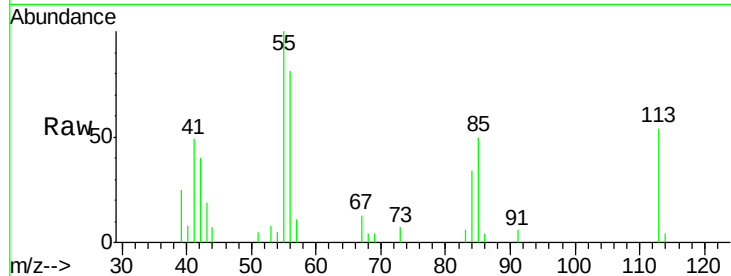
ClientSampleId :

WC-1MSD

Tot Ion:	113	Resp:	14419
Ion Ratio	Lower	Upper	
113	100		
55	183.9	178.4	218.4
56	149.2	152.8	192.8

Manual Integrations
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2/13/2015 5:40:37 PM



#36

4-Chloro-3-methylphenol

Concen: 46.38 ng/mL

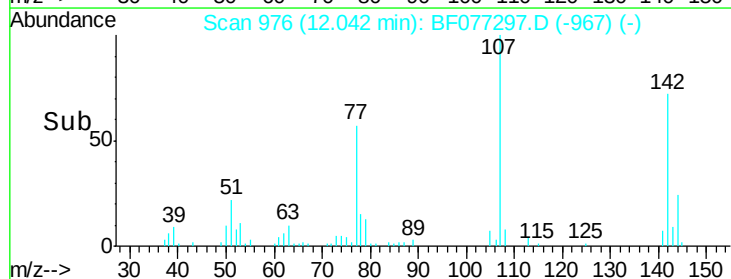
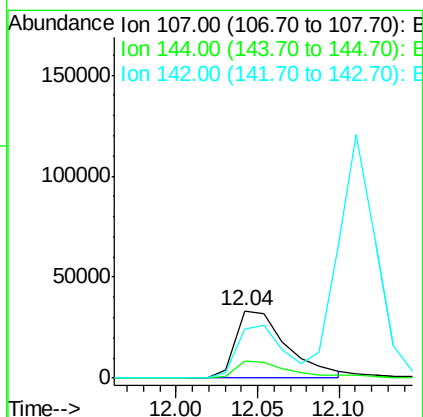
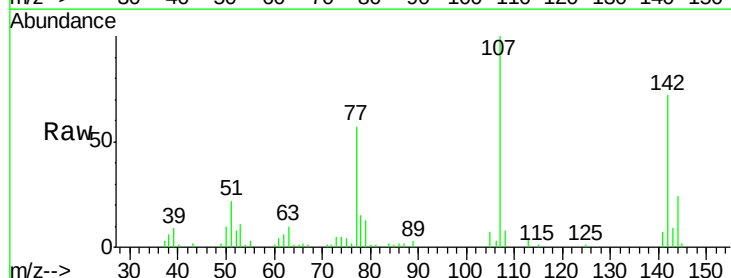
RT: 12.04 min Scan# 976

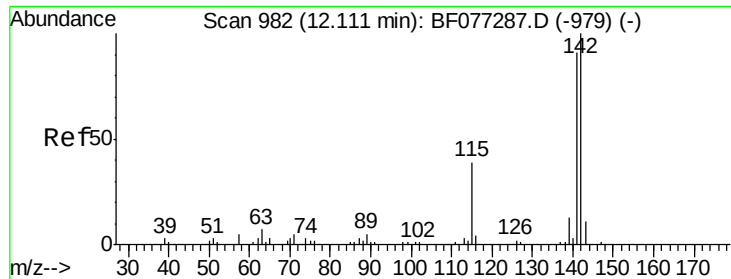
Delta R.T. 0.00 min

Lab File: BF077297.D

Acq: 12 Feb 2015 22:52

Tgt Ion:	107	Resp:	72496
Ion Ratio	Lower	Upper	
107	100		
144	24.4	19.2	28.8
142	72.0	58.6	88.0





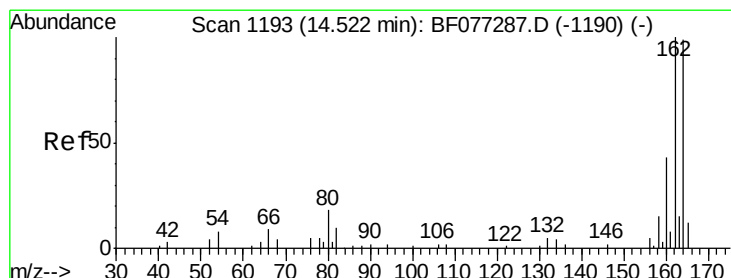
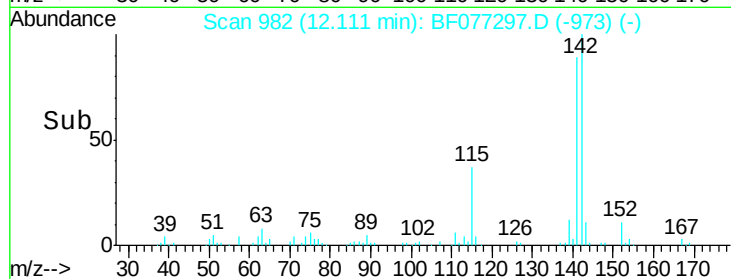
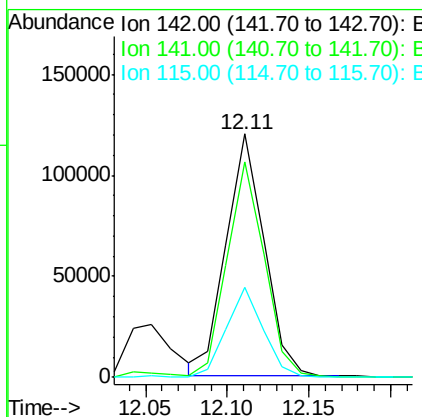
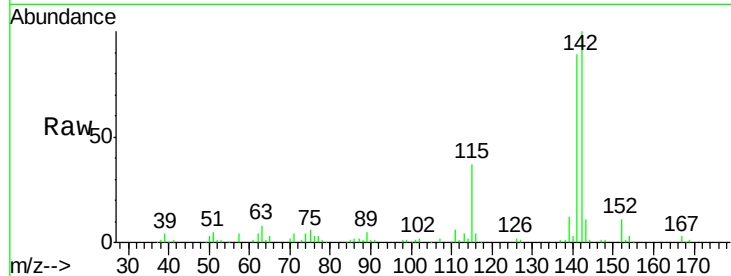
#37
2-Methylnaphthalene
Concen: 48.27 ng
RT: 12.11 min Scan# 982
Delta R.T. 0.00 min
Lab File: BF077297.D
Acq: 12 Feb 2015 22:52

Instrument :
BNA_F
ClientSampleId :
WC-1MSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.5	69.8	104.6
115	37.2	29.5	44.3

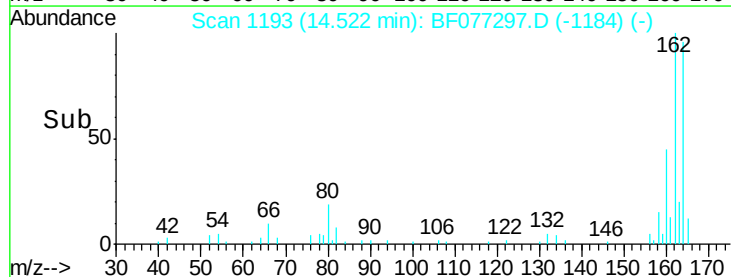
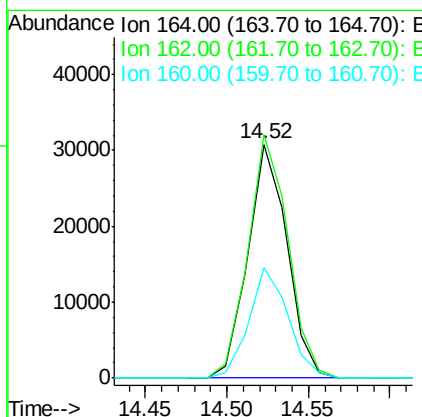
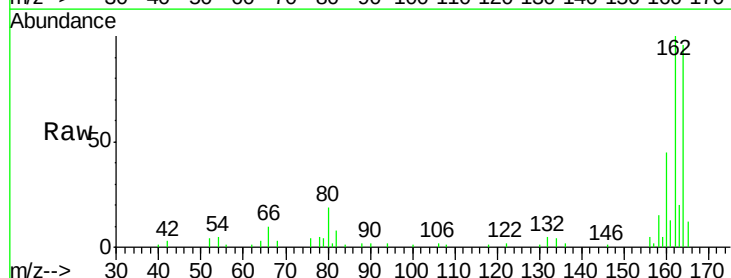
Manual Integrations
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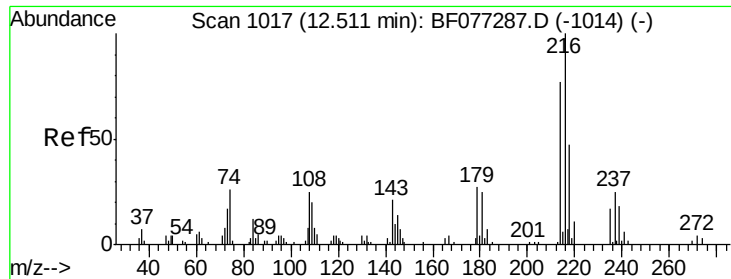
mohammad
2/13/2015 5:40:37 PM



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.52 min Scan# 1193
Delta R.T. 0.00 min
Lab File: BF077297.D
Acq: 12 Feb 2015 22:52

Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.1	81.0	121.4
160	47.1	35.2	52.8





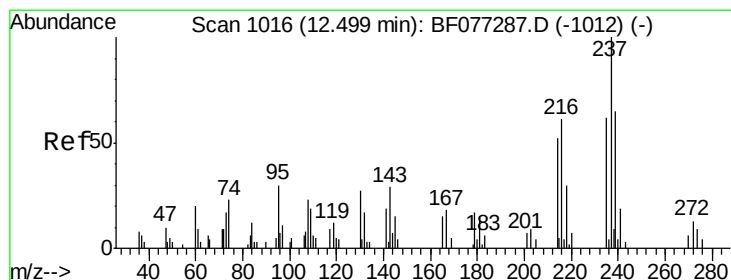
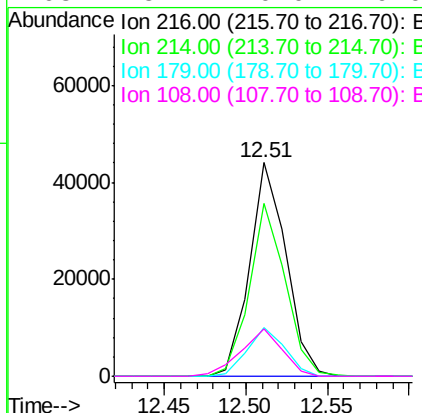
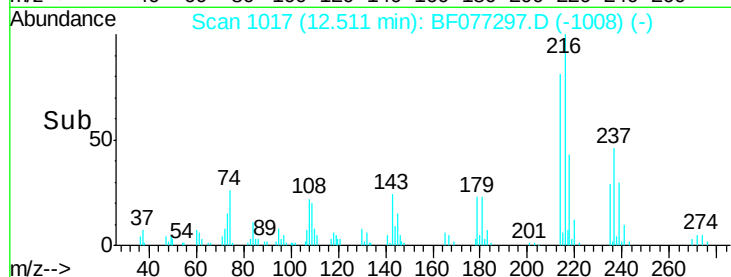
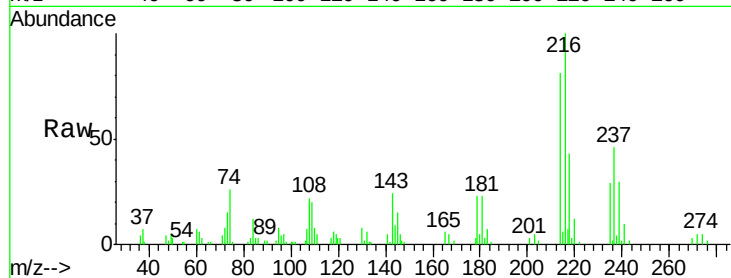
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 52.95 ng
 RT: 12.51 min Scan# 1017
 Delta R.T. 0.00 min
 Lab File: BF077297.D
 Acq: 12 Feb 2015 22:52

Instrument :
 BNA_F
 ClientSampleId :
 WC-1MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
216	100				
214	79.9	0.0	0.0#		
179	23.6	0.0	0.0#		
108	25.2	0.0	0.0#		

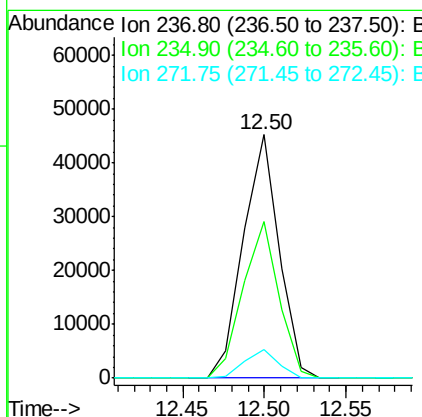
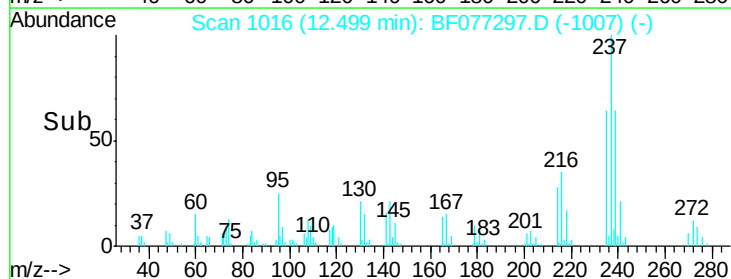
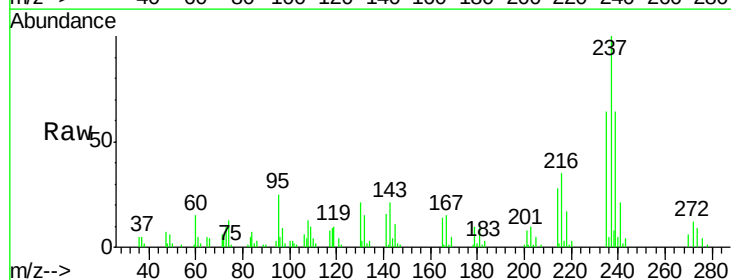
Manual Integrations
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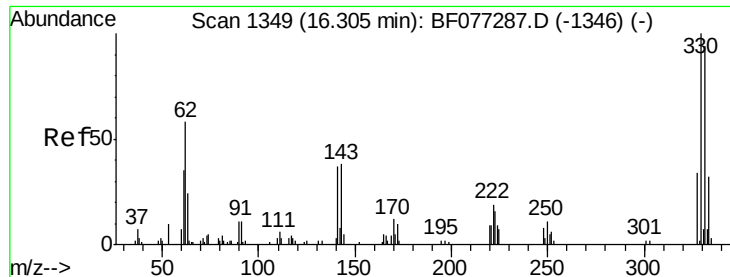
mohammad
 2/13/2015 5:40:37 PM



#40
 Hexachlorocyclopentadiene
 Concen: 105.91 ng
 RT: 12.50 min Scan# 1016
 Delta R.T. 0.00 min
 Lab File: BF077297.D
 Acq: 12 Feb 2015 22:52

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
237	100				
235	64.1	42.0	82.0		
272	11.7	0.0	33.3		





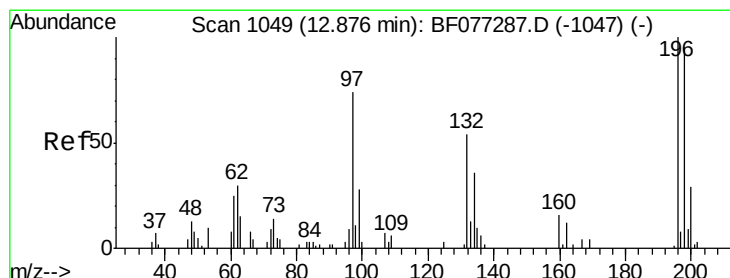
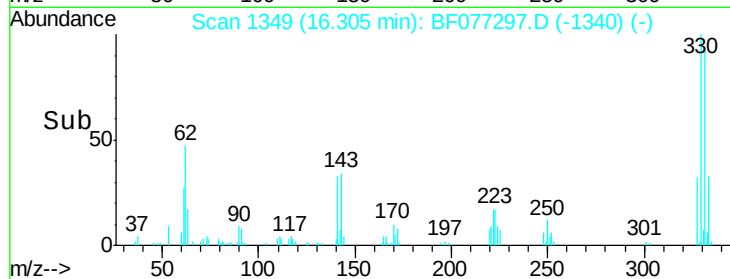
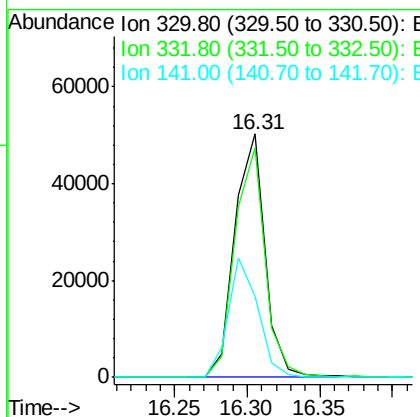
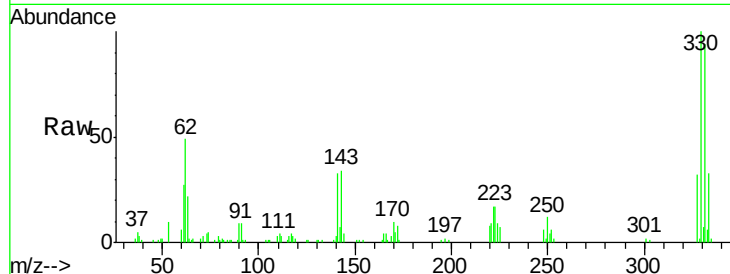
#41
 2,4,6-Tribromophenol
 Concen: 174.41 ng
 RT: 16.31 min Scan# 1349
 Delta R.T. 0.00 min
 Lab File: BF077297.D
 Acq: 12 Feb 2015 22:52

Instrument :
 BNA_F
 ClientSampleId :
 WC-1MSD

Tot Ion	Ratio	Resp	Lower	Upper
330	100	72967		
332	94.2	0.0	0.0	0.0
141	48.0	0.0	0.0	0.0

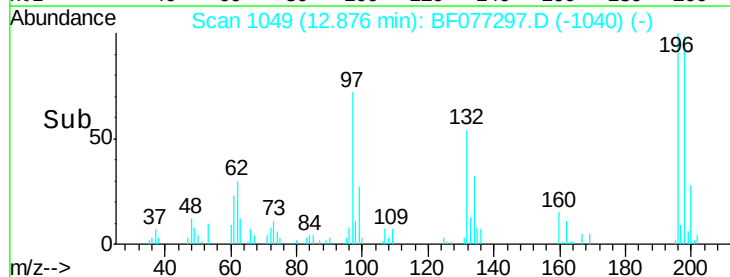
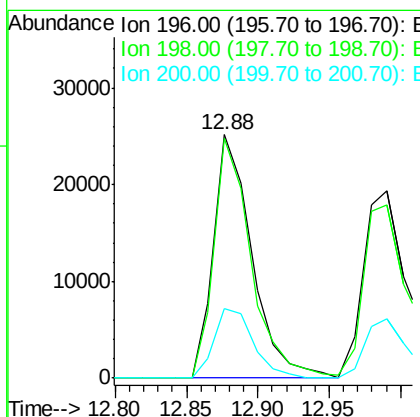
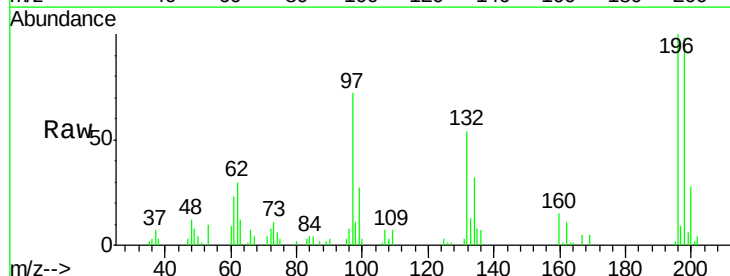
Manual Integrations
 APPROVED

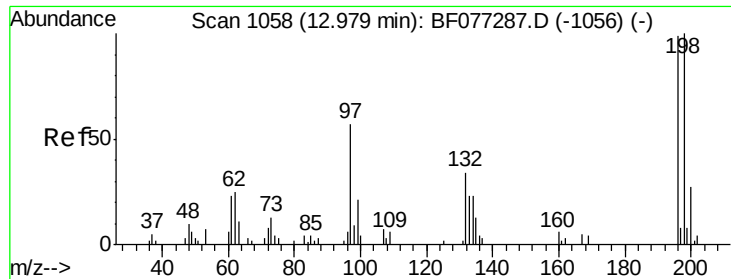
mohammad
 2/13/2015 5:40:37 PM



#42
 2,4,6-Trichlorophenol
 Concen: 55.42 ng m
 RT: 12.88 min Scan# 1049
 Delta R.T. 0.00 min
 Lab File: BF077297.D
 Acq: 12 Feb 2015 22:52

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	47152		
198	98.3	75.8	113.8	
200	28.5	23.3	34.9	





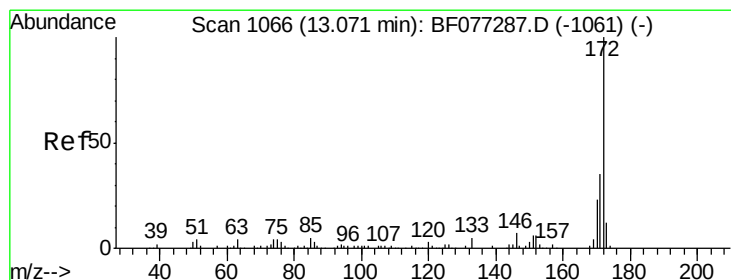
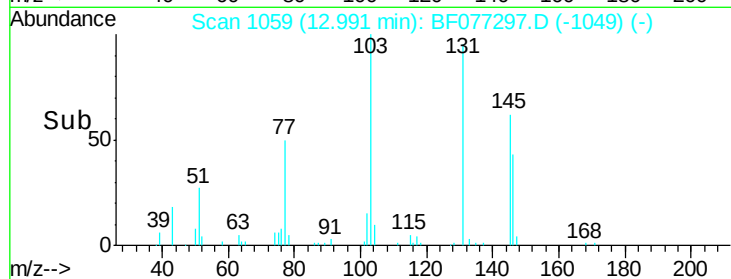
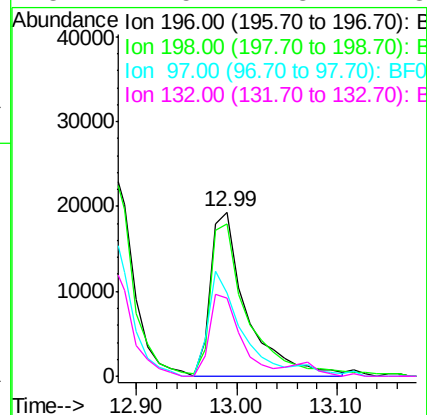
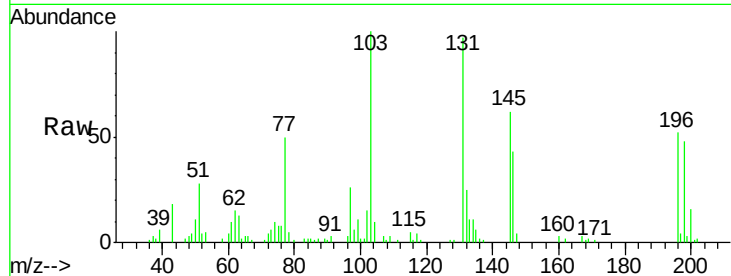
#43
 2,4,5-Trichlorophenol
 Concen: 59.08 ng/mL
 RT: 12.99 min Scan# 1059
 Delta R.T. 0.01 min
 Lab File: BF077297.D
 Acq: 12 Feb 2015 22:52

Instrument :
 BNA_F
 ClientSampleID :
 WC-1MSD

Tot Ion	Ratio	Resp	Lower	Upper
196	100	49307		
198	92.5	82.6	123.8	
97	50.5	47.3	70.9	
132	47.5	27.8	41.8	

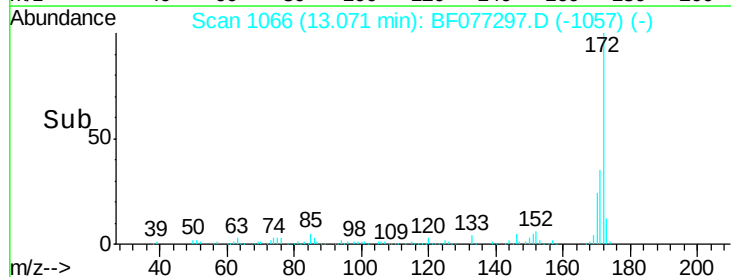
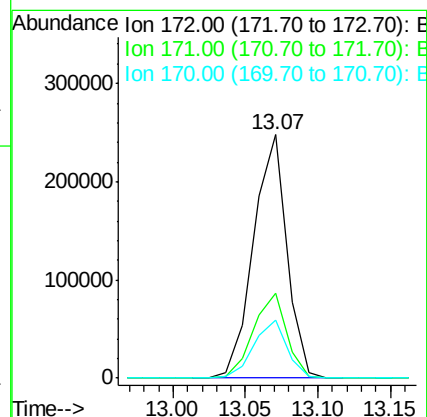
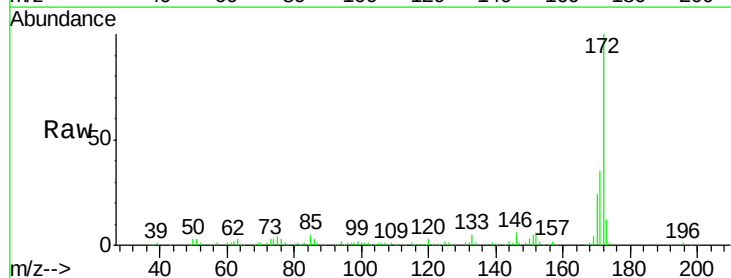
Manual Integrations
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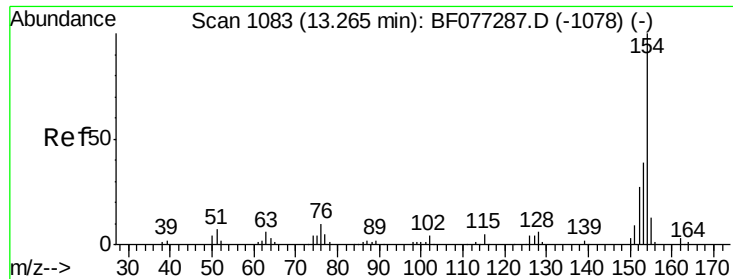
mohammad
 2/13/2015 5:40:37 PM



#44
 2-Fluorobiphenyl
 Concen: 115.74 ng/mL
 RT: 13.07 min Scan# 1066
 Delta R.T. 0.00 min
 Lab File: BF077297.D
 Acq: 12 Feb 2015 22:52

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	394509		
171	34.6	27.8	41.8	
170	23.6	18.3	27.5	





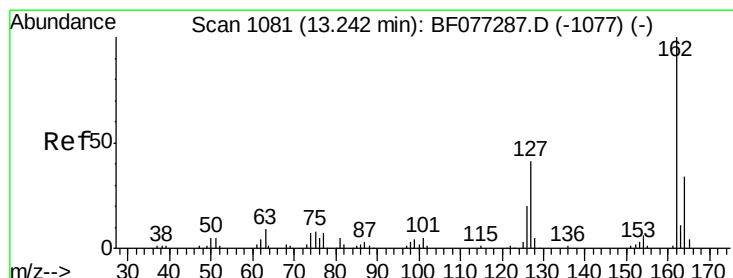
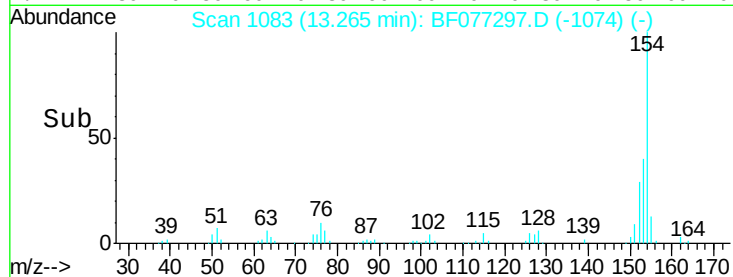
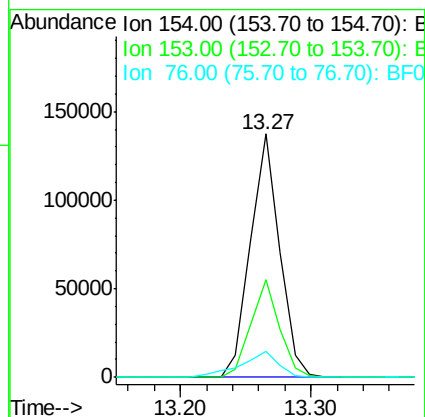
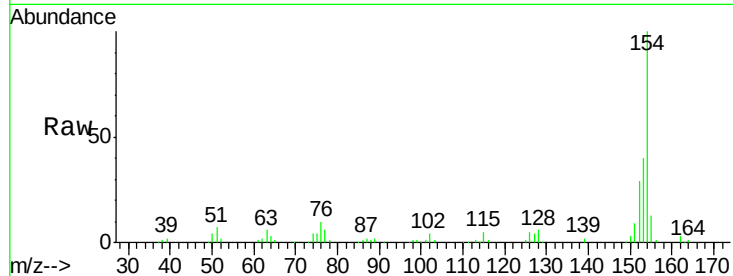
#45
1,1'-Biphenyl
Concen: 54.27 ng
RT: 13.27 min Scan# 1083
Delta R.T. 0.00 min
Lab File: BF077297.D
Acq: 12 Feb 2015 22:52

Instrument :
BNA_F
ClientSampleId :
WC-1MSD

Tot Ion	Ratio	Resp	Lower	Upper
154	100	214542		
153	40.3	18.9	58.9	
76	10.5	0.0	30.4	

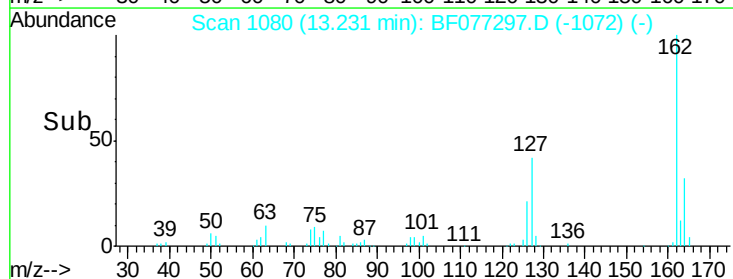
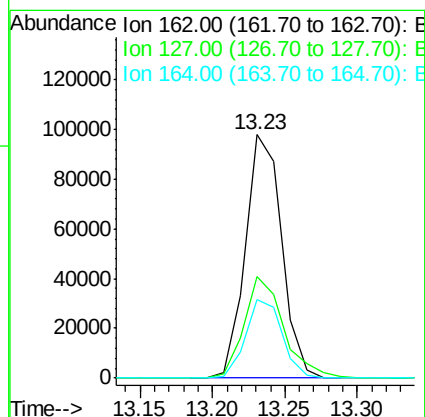
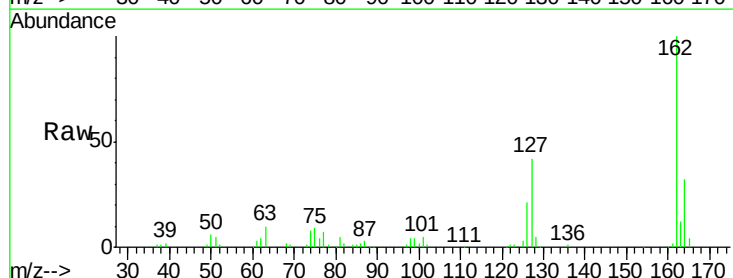
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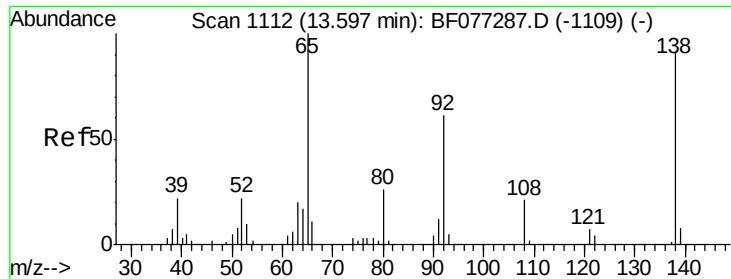
mohammad
2/13/2015 5:40:37 PM



#46
2-Chloronaphthalene
Concen: 53.85 ng
RT: 13.23 min Scan# 1080
Delta R.T. -0.01 min
Lab File: BF077297.D
Acq: 12 Feb 2015 22:52

Tgt Ion	Ratio	Resp	Lower	Upper
162	100	170015		
127	41.7	32.6	48.8	
164	32.0	27.0	40.6	





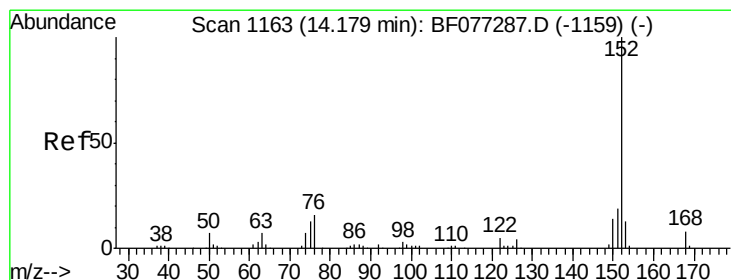
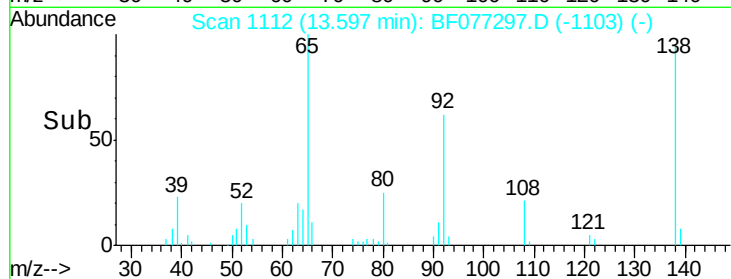
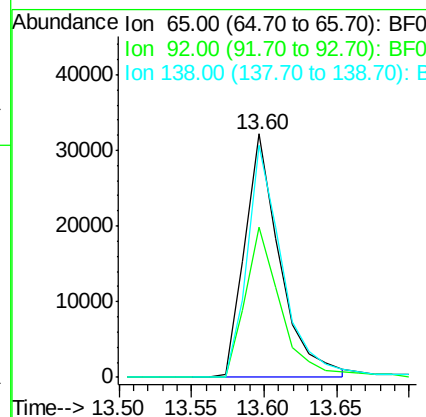
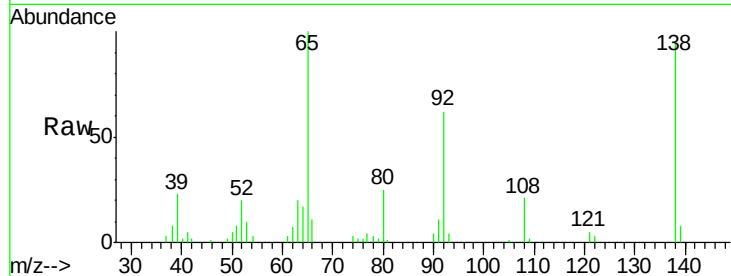
#47
2-Nitroaniline
Concen: 58.95 ng
RT: 13.60 min Scan# 1112
Delta R.T. 0.00 min
Lab File: BF077297.D
Acq: 12 Feb 2015 22:52

Instrument :
BNA_F
ClientSampleId :
WC-1MSD

Tot Ion	Ratio	Lower	Upper
65	100		
92	61.9	48.7	73.1
138	95.4	72.5	108.7

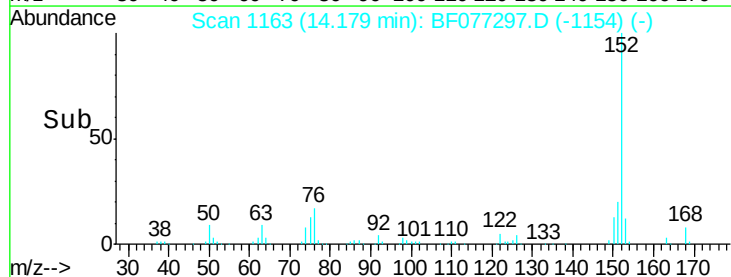
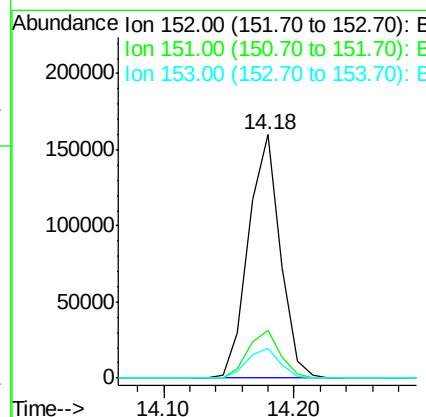
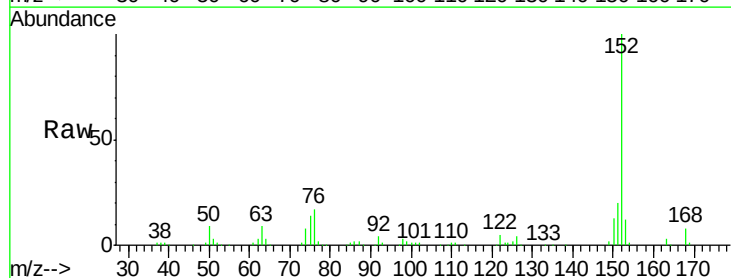
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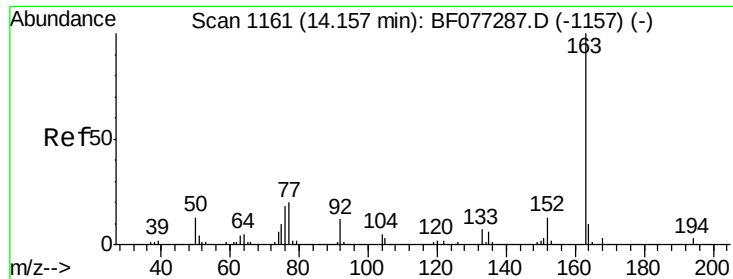
mohammad
2/13/2015 5:40:37 PM



#48
Acenaphthylene
Concen: 54.49 ng
RT: 14.18 min Scan# 1163
Delta R.T. 0.00 min
Lab File: BF077297.D
Acq: 12 Feb 2015 22:52

Tgt Ion	Ratio	Lower	Upper
152	100		
151	19.7	15.3	22.9
153	12.1	10.2	15.2





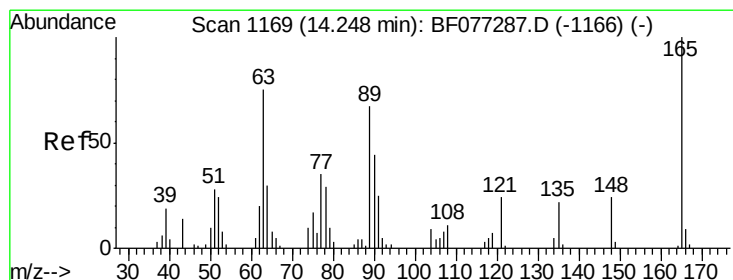
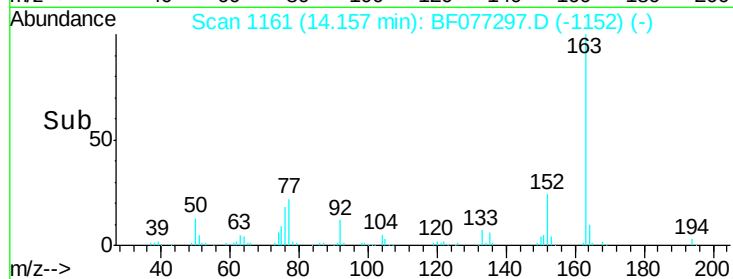
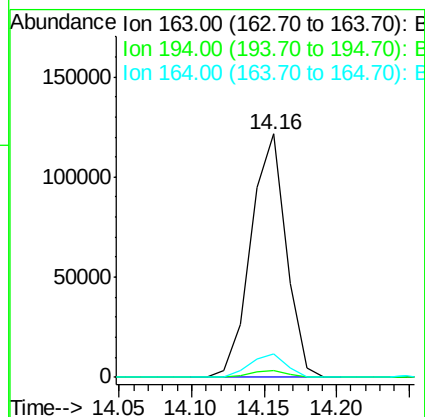
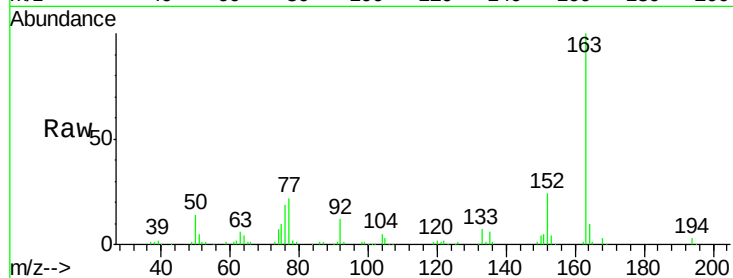
#49
Dimethylphthalate
Concen: 55.11 ng
RT: 14.16 min Scan# 1161
Delta R.T. 0.00 min
Lab File: BF077297.D
Acq: 12 Feb 2015 22:52

Instrument :
BNA_F
ClientSampleId :
WC-1MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
163	100		204474		
194	3.0		2.3	3.5	
164	9.9		7.6	11.4	

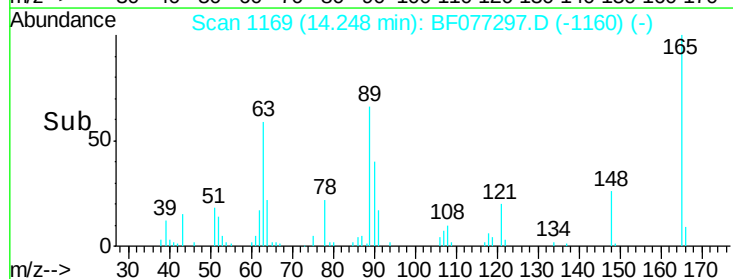
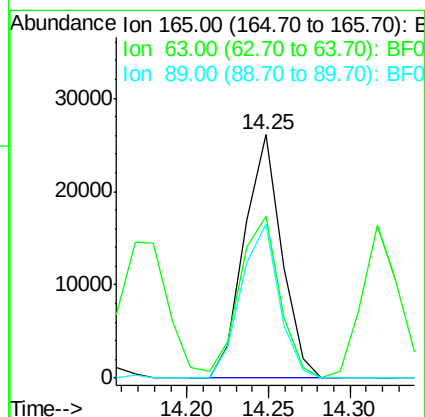
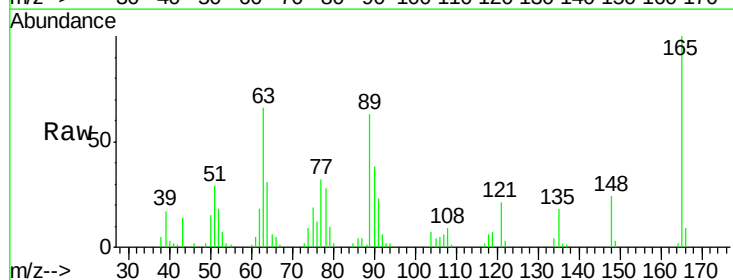
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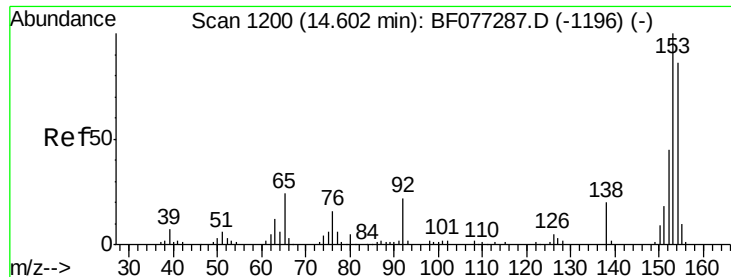
mohammad
2/13/2015 5:40:37 PM



#50
2,6-Dinitrotoluene
Concen: 57.77 ng
RT: 14.25 min Scan# 1169
Delta R.T. 0.00 min
Lab File: BF077297.D
Acq: 12 Feb 2015 22:52

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
165	100		41441		
63	66.5		61.2	91.8	
89	63.3		53.7	80.5	





#51

Acenaphthene

Concen: 53.38 ng

RT: 14.60 min Scan# 1200

Delta R.T. 0.00 min

Lab File: BF077297.D

Acq: 12 Feb 2015 22:52

Instrument :

BNA_F

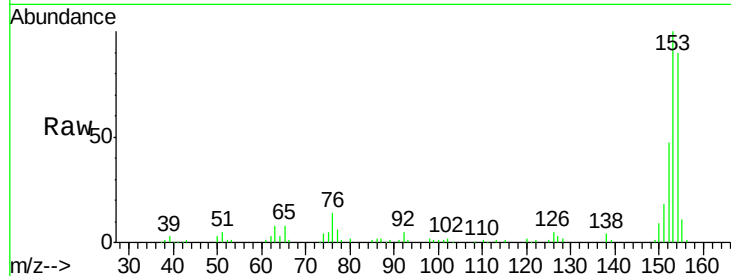
ClientSampleId :

WC-1MSD

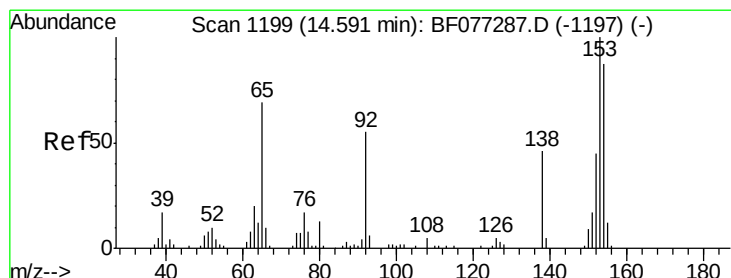
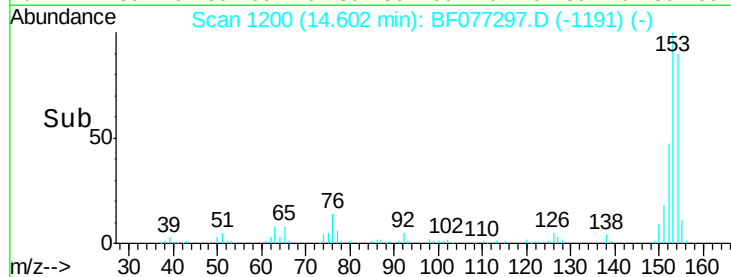
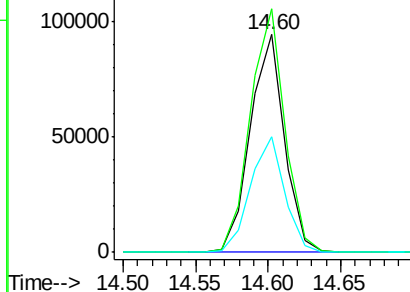
Tot Ion:	154	Resp:	154009
Ion Ratio	Lower	Upper	
154	100		
153	111.7	92.5	138.7
152	53.0	42.1	63.1

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Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 12.34 ng

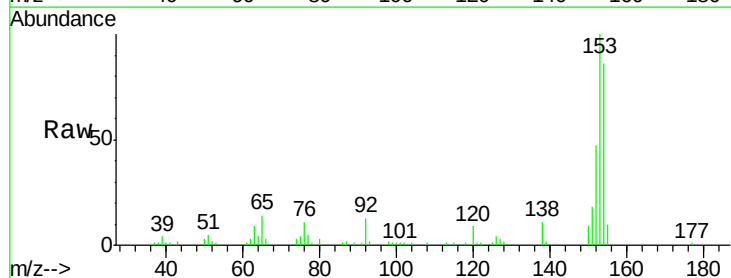
RT: 14.61 min Scan# 1201

Delta R.T. 0.02 min

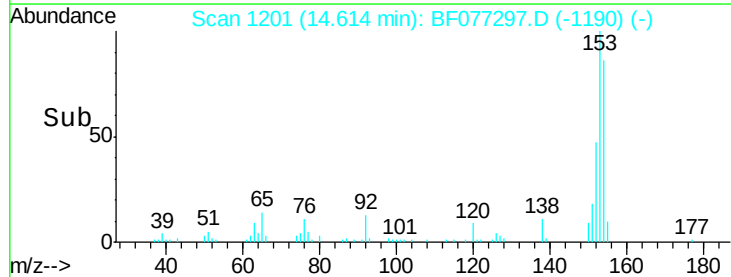
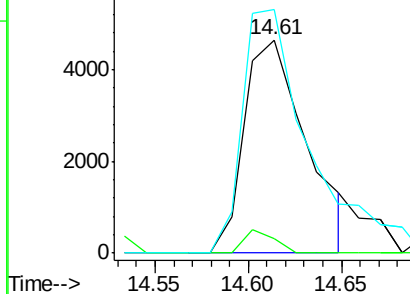
Lab File: BF077297.D

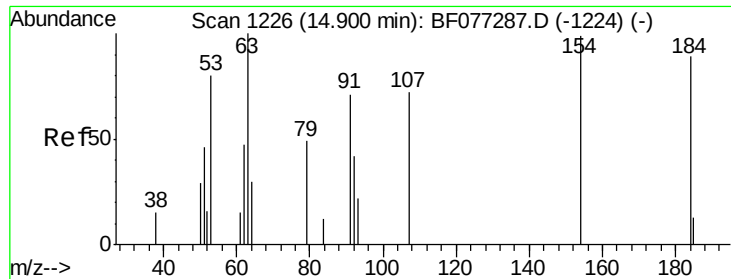
Acq: 12 Feb 2015 22:52

Tgt Ion:	138	Resp:	10826
Ion Ratio	Lower	Upper	
138	100		
108	6.8	9.5	14.3#
92	114.3	95.8	143.6



Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF0





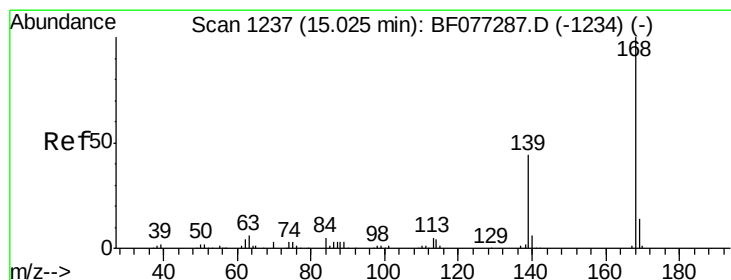
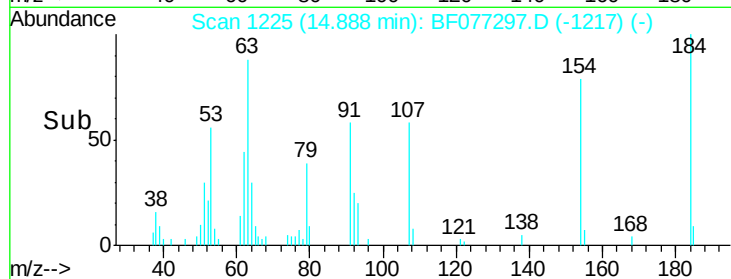
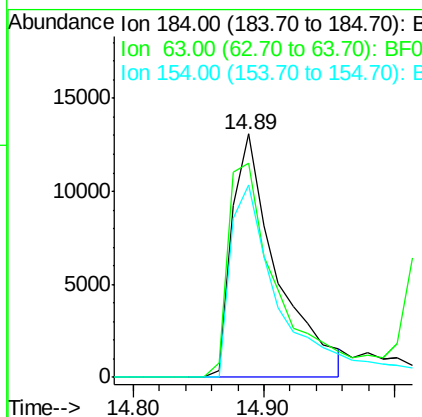
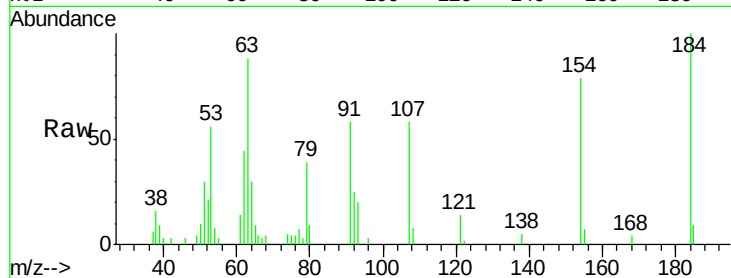
#53
2,4-Dinitrophenol
Concen: 110.37 ng
RT: 14.89 min Scan# 1225
Delta R.T. -0.01 min
Lab File: BF077297.D
Acq: 12 Feb 2015 22:52

Instrument :
BNA_F
ClientSampleId :
WC-1MSD

Tot Ion	Ratio	Lower	Upper
184	100		
63	88.2	90.2	135.4#
154	78.8	89.7	134.5#

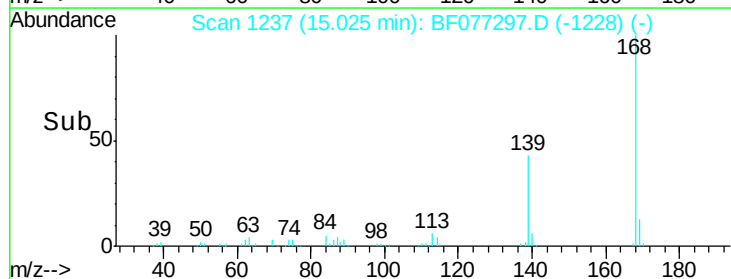
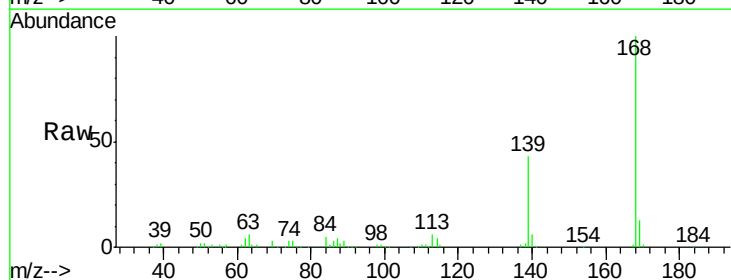
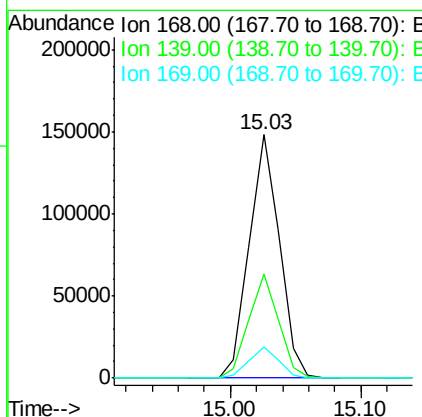
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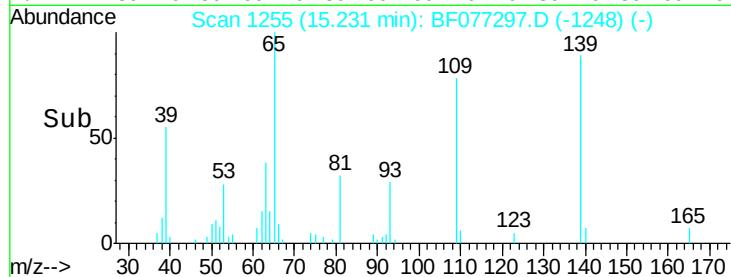
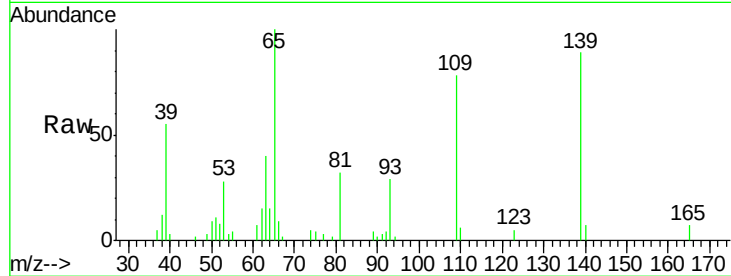
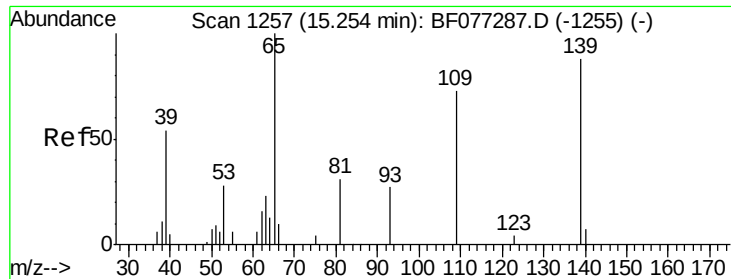
mohammad
2/13/2015 5:40:37 PM



#54
Dibenzofuran
Concen: 54.06 ng
RT: 15.03 min Scan# 1237
Delta R.T. 0.00 min
Lab File: BF077297.D
Acq: 12 Feb 2015 22:52

Tgt Ion	Ratio	Lower	Upper
168	100		
139	42.7	35.6	53.4
169	12.9	10.9	16.3





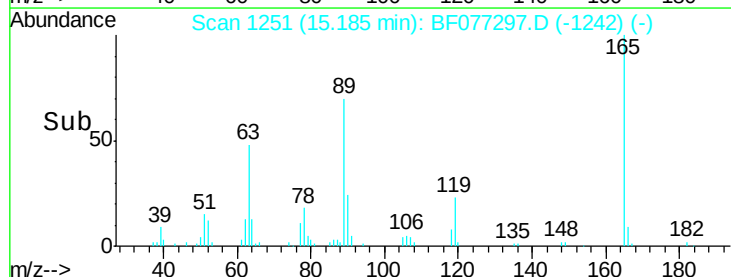
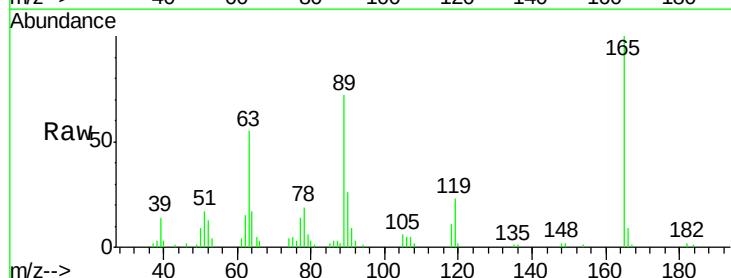
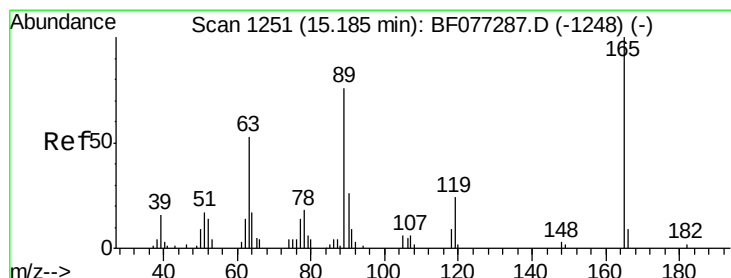
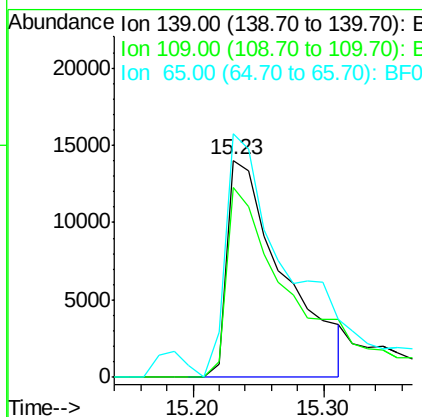
#55
4-Nitrophenol
Concen: 99.29 ng
RT: 15.23 min Scan# 1255
Delta R.T. -0.02 min
Lab File: BF077297.D
Acq: 12 Feb 2015 22:52

Instrument :
BNA_F
ClientSampleId :
WC-1MSD

Tot Ion	Ratio	Lower	Upper
139	100		
109	87.4	62.7	102.7
65	112.2	93.5	133.5

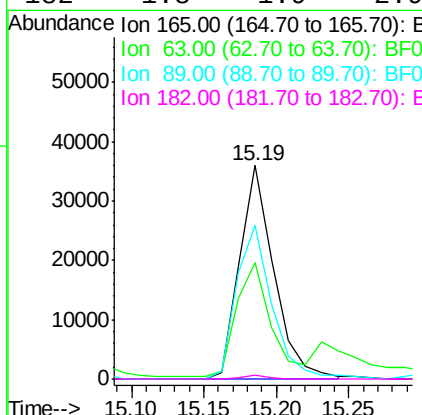
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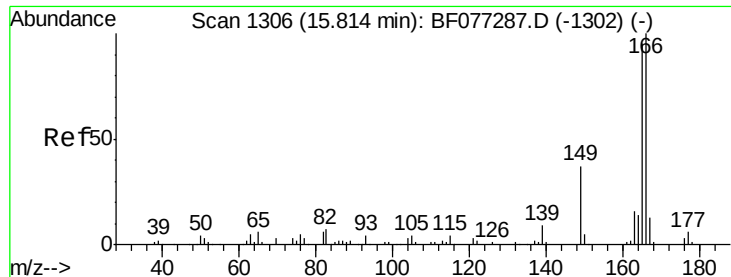
mohammad
2/13/2015 5:40:37 PM



#56
2,4-Dinitrotoluene
Concen: 57.75 ng
RT: 15.19 min Scan# 1251
Delta R.T. 0.00 min
Lab File: BF077297.D
Acq: 12 Feb 2015 22:52

Tgt Ion	Ratio	Lower	Upper
165	100		
63	54.7	42.4	63.6
89	72.0	61.1	91.7
182	1.8	1.9	2.9#





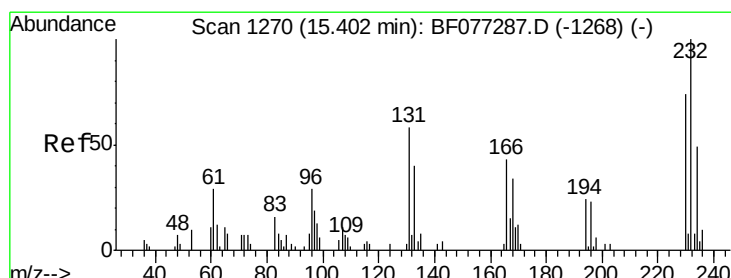
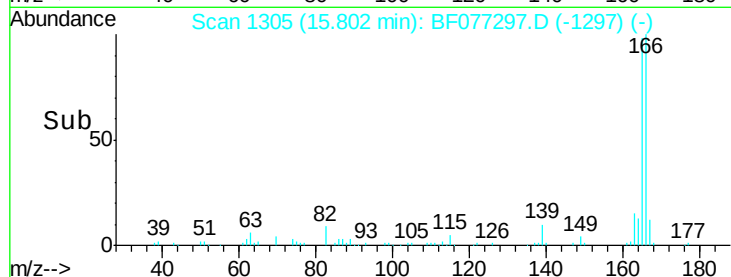
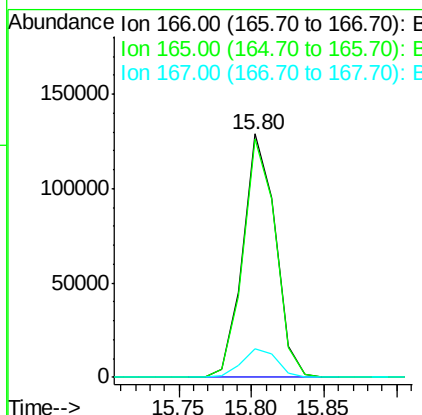
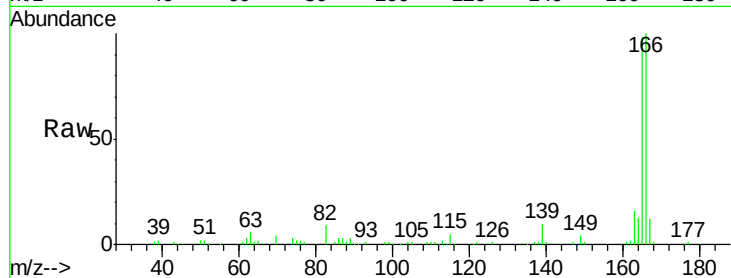
#57
Fluorene
Concen: 54.70 ng
RT: 15.80 min Scan# 1305
Delta R.T. -0.01 min
Lab File: BF077297.D
Acq: 12 Feb 2015 22:52

Instrument :
BNA_F
ClientSampleId :
WC-1MSD

Tot Ion	Ratio	Lower	Upper
166	100		
165	98.2	75.9	113.9
167	11.8	10.2	15.4

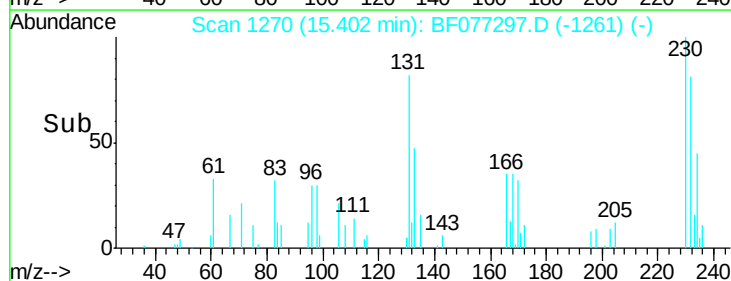
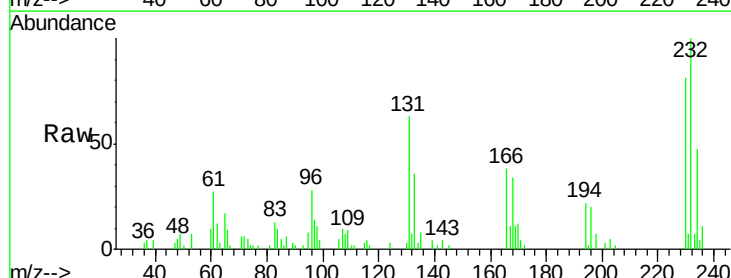
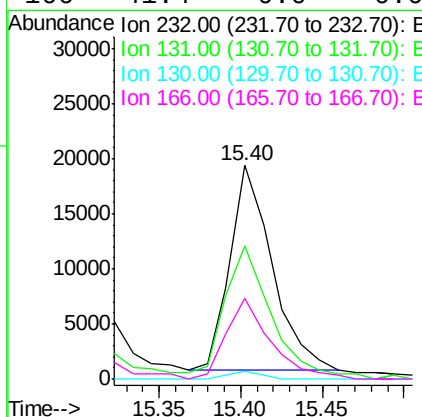
Manual Integrations
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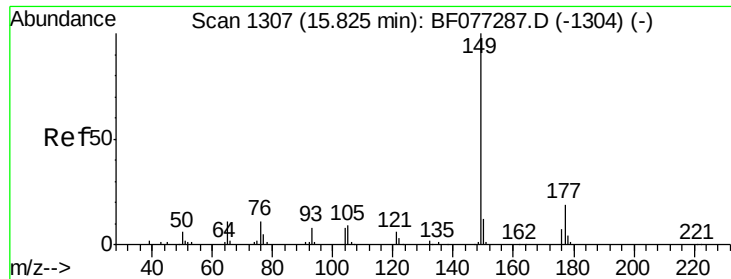
mohammad
2/13/2015 5:40:37 PM



#58
2,3,4,6-Tetrachlorophenol
Concen: 59.23 ng
RT: 15.40 min Scan# 1270
Delta R.T. 0.00 min
Lab File: BF077297.D
Acq: 12 Feb 2015 22:52

Tgt Ion	Ratio	Lower	Upper
232	100		
131	64.2	0.0	0.0#
130	2.8	0.0	0.0#
166	41.4	0.0	0.0#





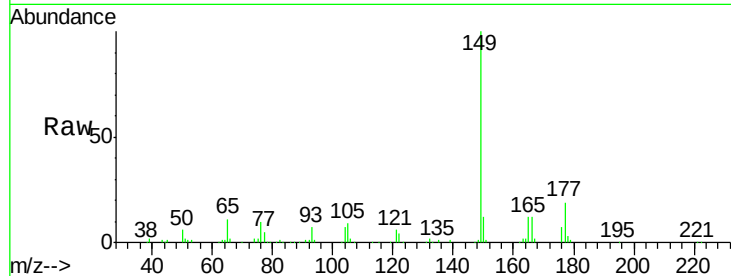
#59
Diethylphthalate
Concen: 56.40 ng
RT: 15.83 min Scan# 1307
Delta R.T. 0.00 min
Lab File: BF077297.D
Acq: 12 Feb 2015 22:52

Instrument :
BNA_F
ClientSampleId :
WC-1MSD

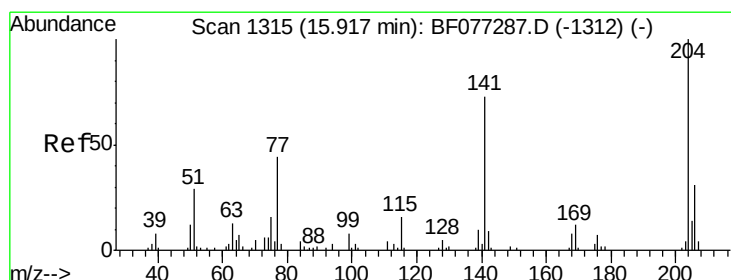
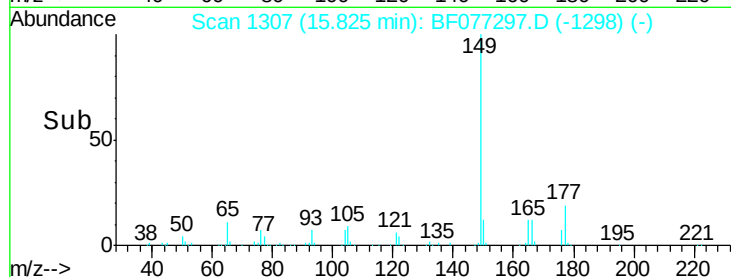
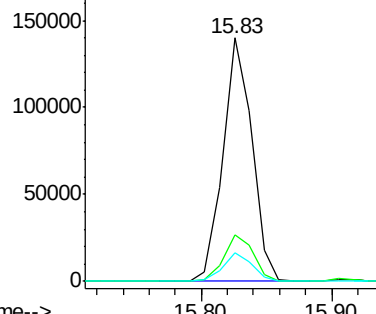
Tot Ion	Ratio	Resp	Lower	Upper
149	100	217886		
177	19.3	15.0	22.4	
150	11.9	9.4	14.2	

Manual Integrations
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mohammad
2/13/2015 5:40:37 PM

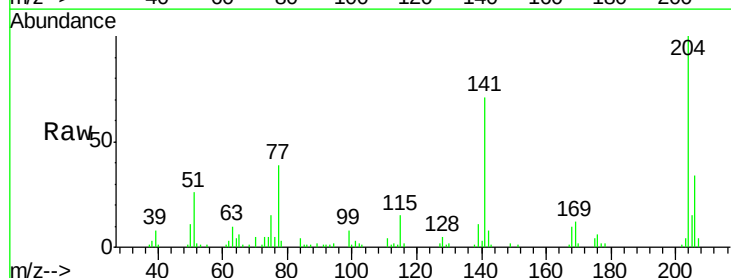


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

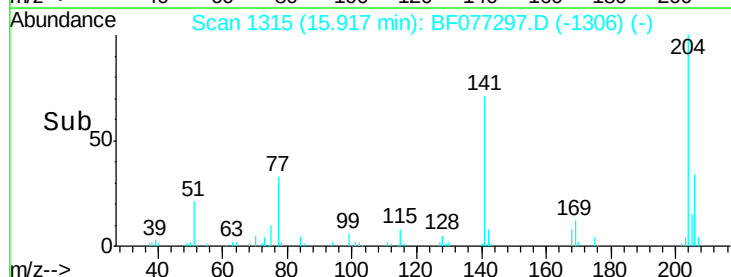
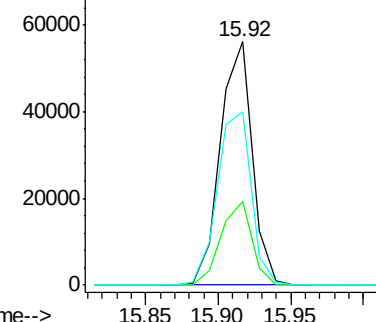


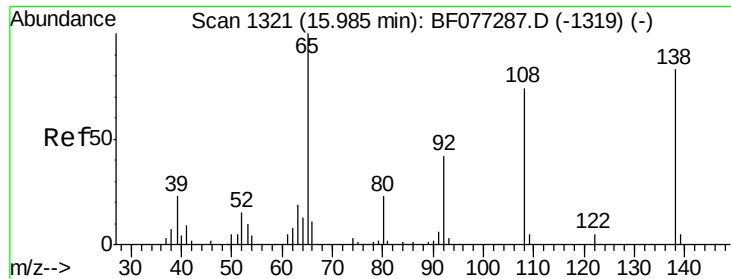
#60
4-Chlorophenyl-phenylether
Concen: 56.41 ng
RT: 15.92 min Scan# 1315
Delta R.T. 0.00 min
Lab File: BF077297.D
Acq: 12 Feb 2015 22:52

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	85662		
206	34.4	25.0	37.6	
141	71.3	58.6	87.8	



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





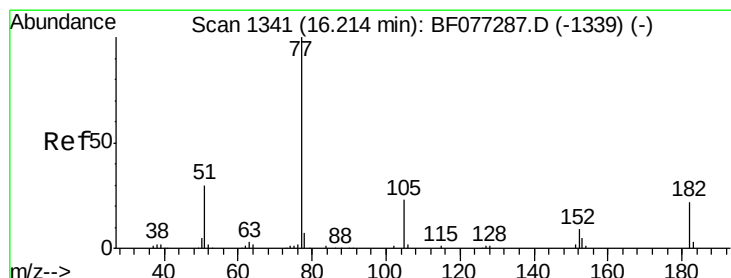
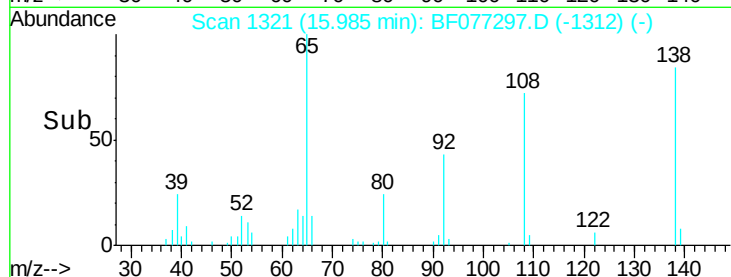
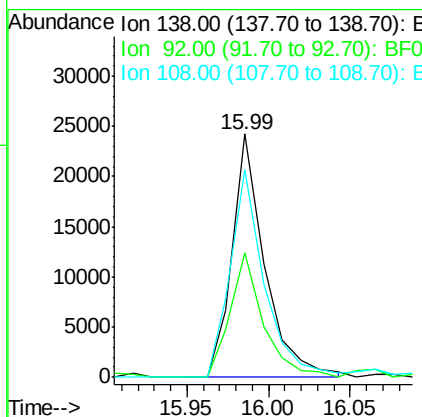
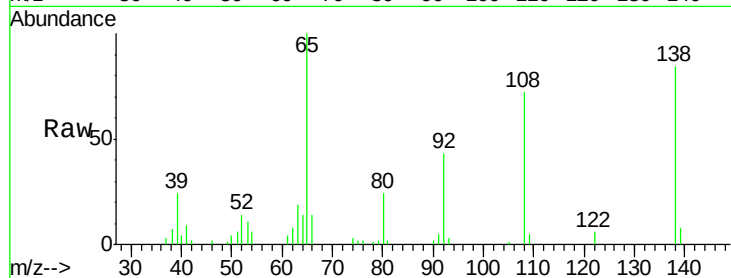
#61
4-Nitroaniline
Concen: 41.01 ng
RT: 15.99 min Scan# 1321
Delta R.T. 0.00 min
Lab File: BF077297.D
Acq: 12 Feb 2015 22:52

Instrument :
BNA_F
ClientSampleId :
WC-1MSD

Tot Ion	Ratio	Lower	Upper
138	100		
92	51.3	30.7	70.7
108	85.5	69.7	109.7

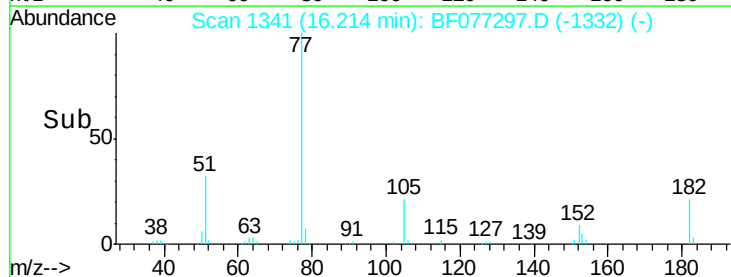
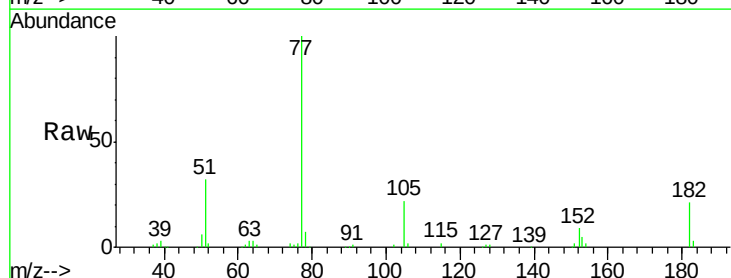
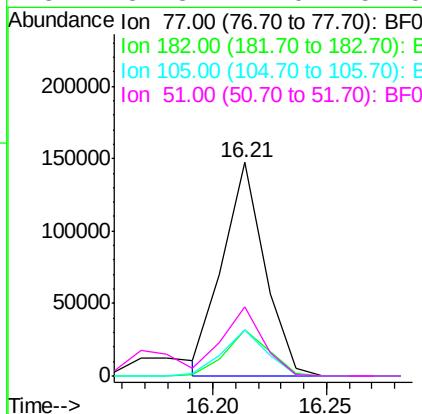
Manual Integrations
APPROVED

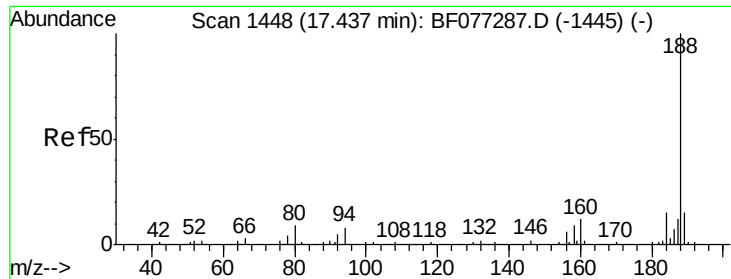
mohammad
2/13/2015 5:40:37 PM



#62
Azobenzene
Concen: 51.87 ng m
RT: 16.21 min Scan# 1341
Delta R.T. 0.00 min
Lab File: BF077297.D
Acq: 12 Feb 2015 22:52

Tgt Ion	Ratio	Lower	Upper
77	100		
182	21.3	0.9	40.9
105	21.8	2.2	42.2
51	32.3	12.0	52.0





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.44 min Scan# 1448

Delta R.T. 0.00 min

Lab File: BF077297.D

Acq: 12 Feb 2015 22:52

Instrument :

BNA_F

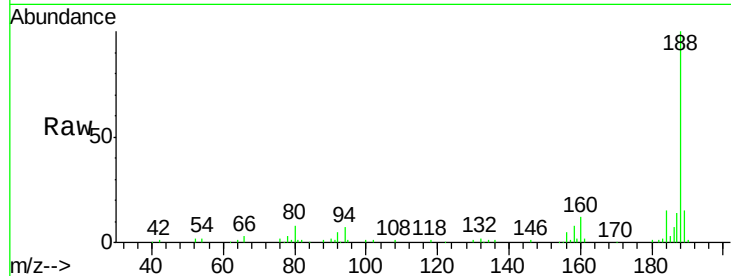
ClientSampled :

WC-1MSD

Tot Ion:	188	Resp:	98524
Ion Ratio	Lower	Upper	
188	100		
94	7.9	6.5	9.7
80	8.2	7.1	10.7

Manual Integrations
APPROVED

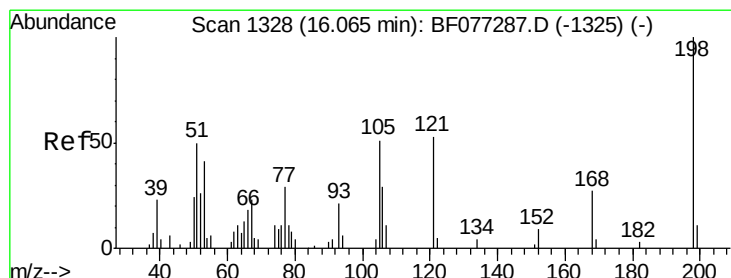
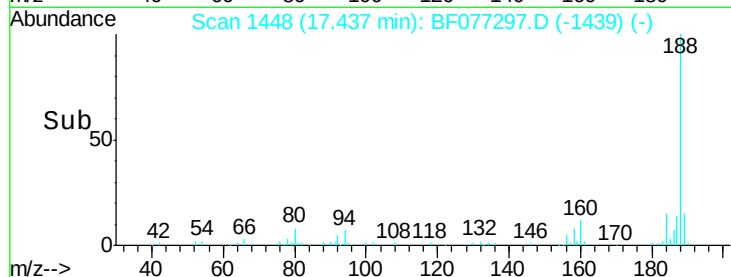
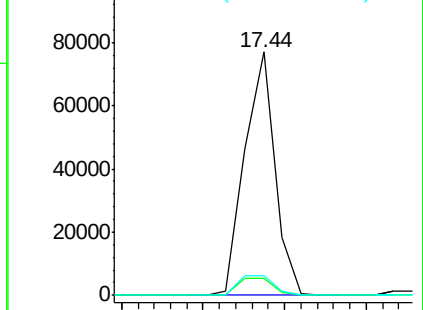
mohammad
2/13/2015 5:40:37 PM



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: 46.56 ng

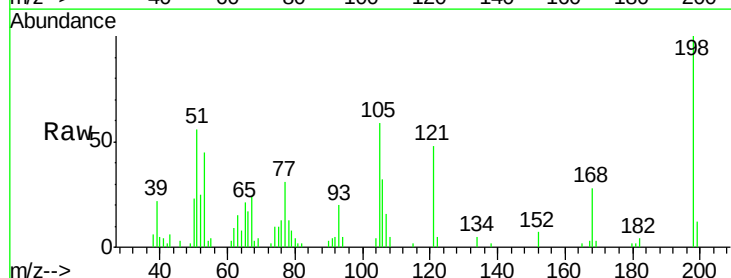
RT: 16.07 min Scan# 1328

Delta R.T. 0.00 min

Lab File: BF077297.D

Acq: 12 Feb 2015 22:52

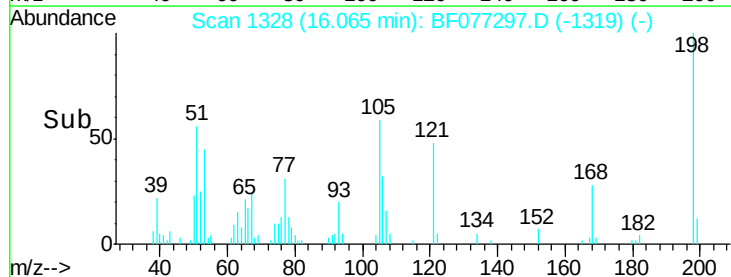
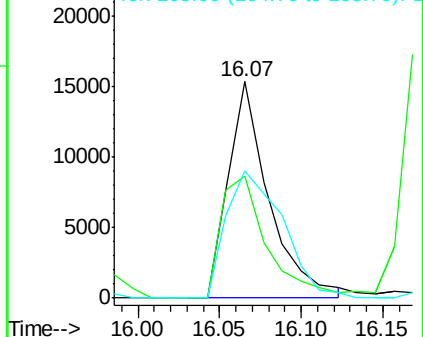
Tgt Ion:	198	Resp:	26508
Ion Ratio	Lower	Upper	
198	100		
51	56.2	33.8	73.8
105	58.6	30.9	70.9

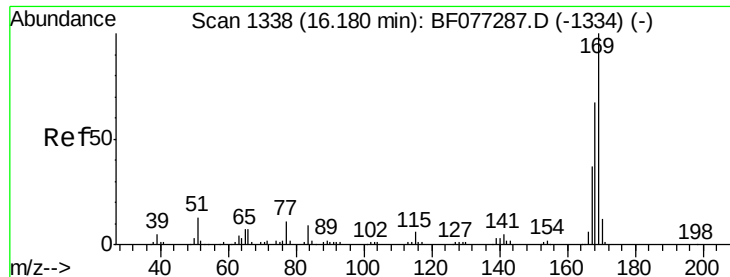


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E





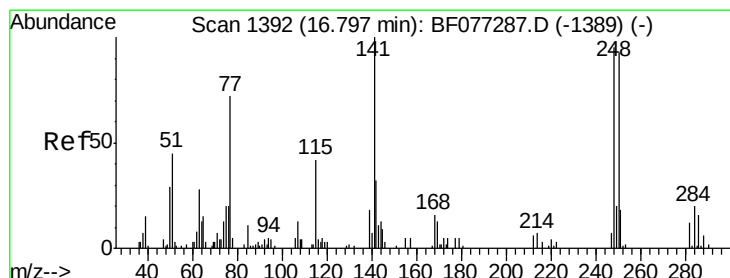
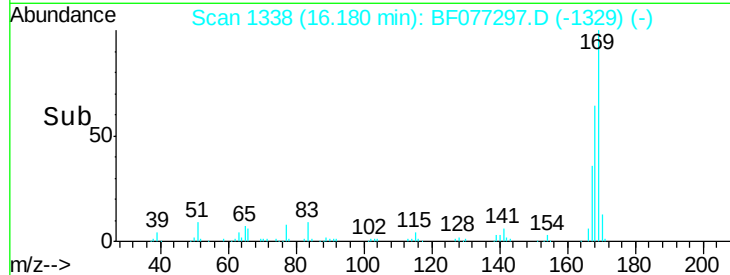
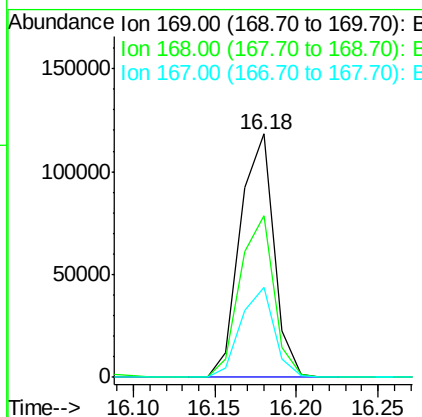
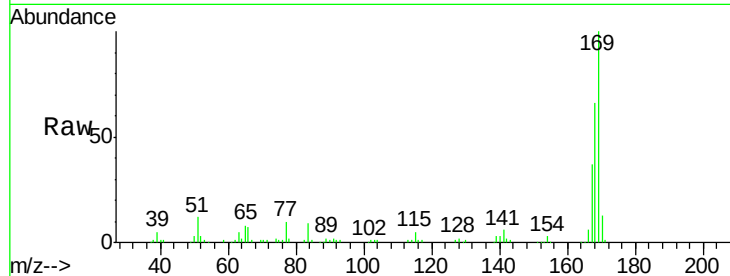
#65
 n-Nitrosodiphenylamine
 Concen: 48.00 ng
 RT: 16.18 min Scan# 1338
 Delta R.T. 0.00 min
 Lab File: BF077297.D
 Acq: 12 Feb 2015 22:52

Instrument :
 BNA_F
 ClientSampleId :
 WC-1MSD

Tot Ion:	169	Resp:	168687
Ion Ratio	Lower	Upper	
169	100		
168	66.3	53.9	80.9
167	36.8	29.6	44.4

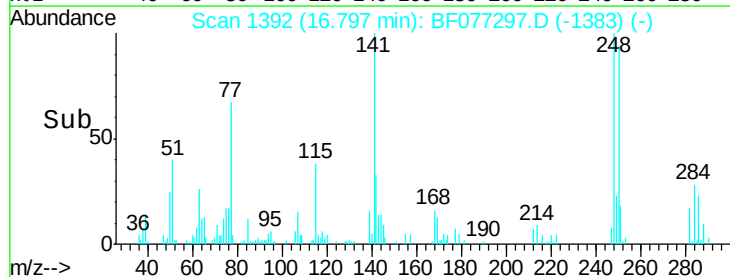
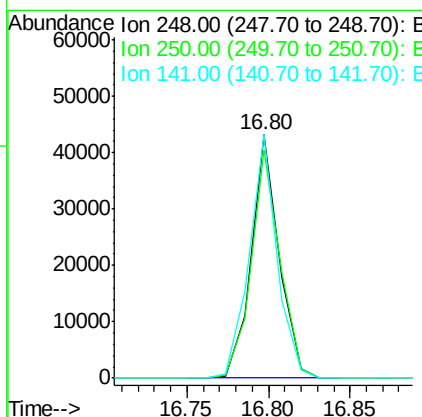
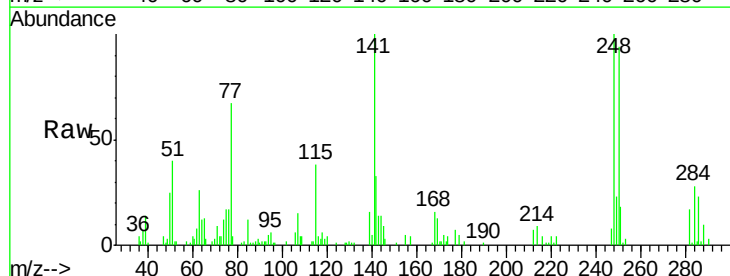
Manual Integrations
 APPROVED

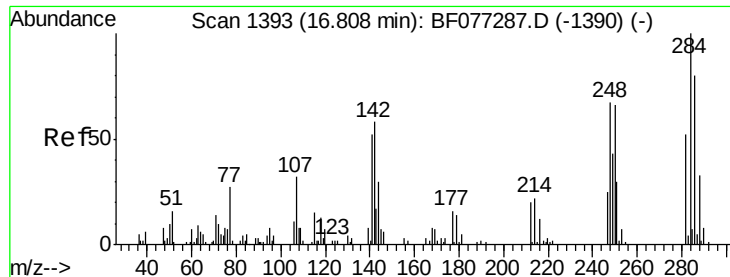
mohammad
 2/13/2015 5:40:37 PM



#66
 4-Bromophenyl-phenylether
 Concen: 49.41 ng
 RT: 16.80 min Scan# 1392
 Delta R.T. 0.00 min
 Lab File: BF077297.D
 Acq: 12 Feb 2015 22:52

Tgt Ion:	248	Resp:	50871
Ion Ratio	Lower	Upper	
248	100		
250	94.0	77.8	116.8
141	99.8	83.8	125.6





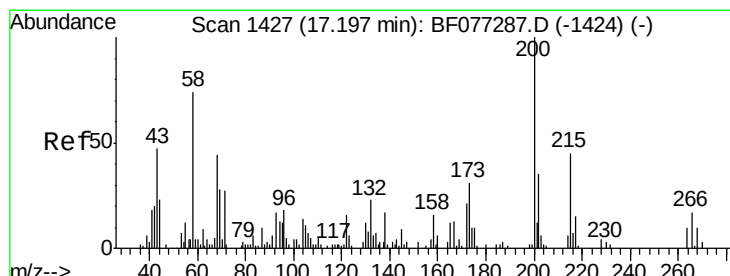
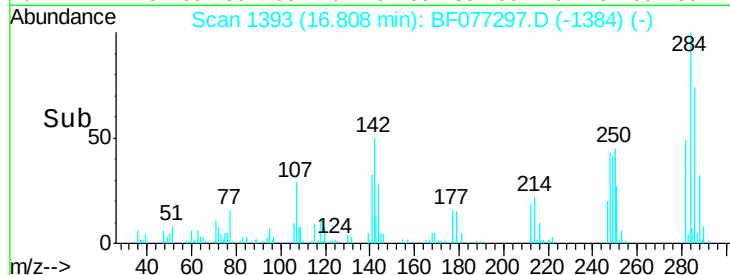
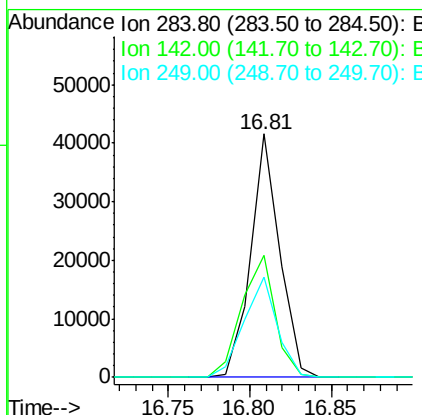
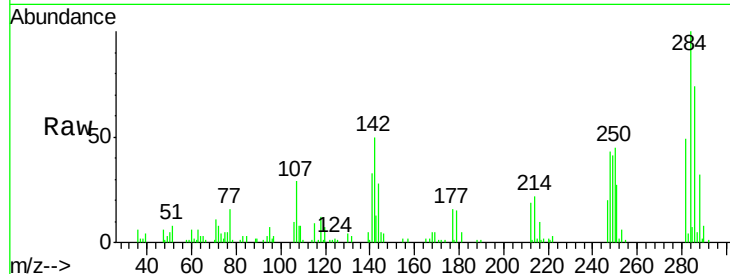
#67
Hexachlorobenzene
Concen: 48.86 ng
RT: 16.81 min Scan# 1393
Delta R.T. 0.00 min
Lab File: BF077297.D
Acq: 12 Feb 2015 22:52

Instrument :
BNA_F
ClientSampleId :
WC-1MSD

Tot Ion:	284	Resp:	51226
Ion Ratio	Lower	Upper	
284	100		
142	50.0	46.2	69.4
249	40.9	34.5	51.7

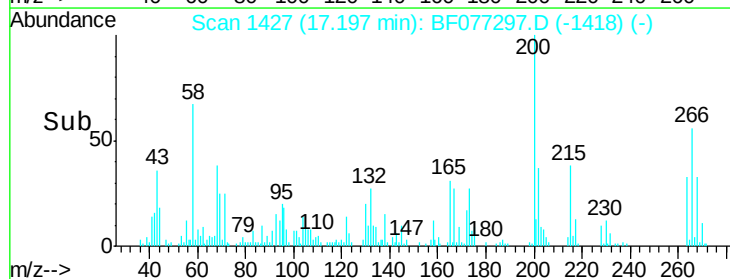
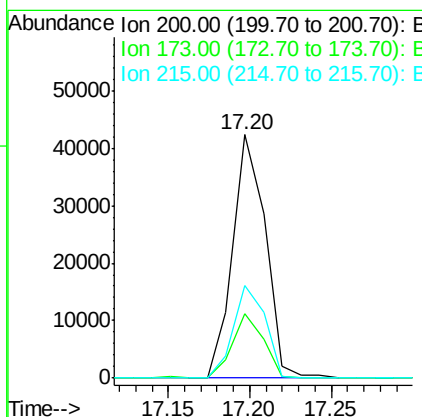
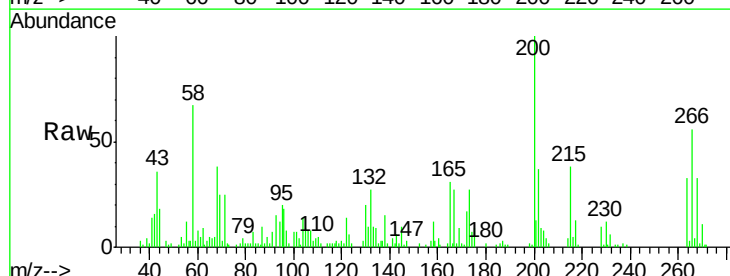
Manual Integrations
APPROVED

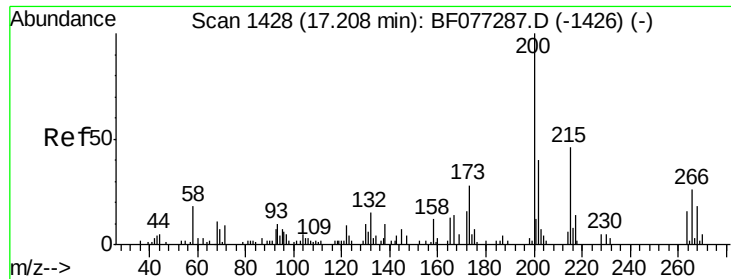
mohammad
2/13/2015 5:40:37 PM



#68
Atrazine
Concen: 52.70 ng
RT: 17.20 min Scan# 1427
Delta R.T. 0.00 min
Lab File: BF077297.D
Acq: 12 Feb 2015 22:52

Tgt Ion:	200	Resp:	58655
Ion Ratio	Lower	Upper	
200	100		
173	26.7	11.3	51.3
215	38.0	25.3	65.3





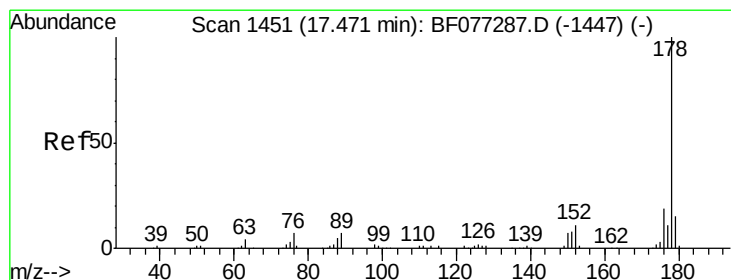
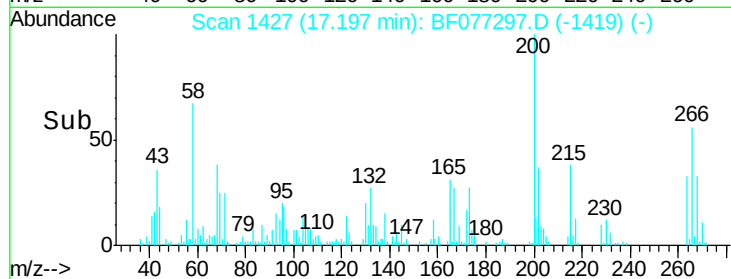
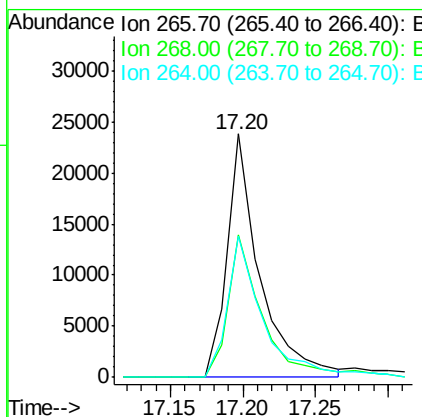
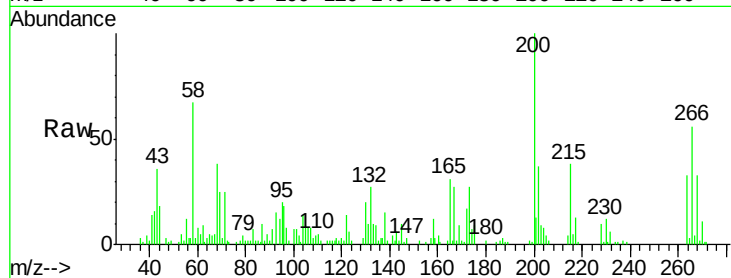
#69
 Pentachlorophenol
 Concen: 110.02 ng
 RT: 17.20 min Scan# 1427
 Delta R.T. -0.01 min
 Lab File: BF077297.D
 Acq: 12 Feb 2015 22:52

Instrument :
 BNA_F
 ClientSampleId :
 WC-1MSD

Tot Ion	Ratio	Resp	Lower	Upper
266	100	37292		
268	58.6		55.0	82.6
264	58.0		49.5	74.3

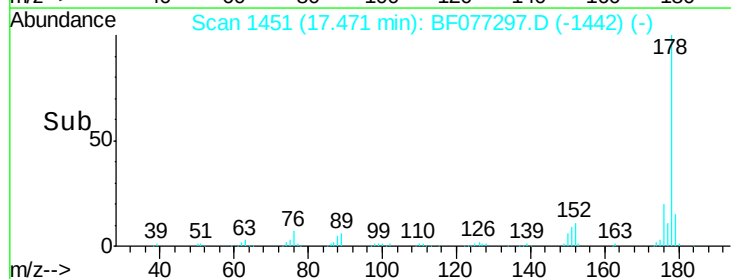
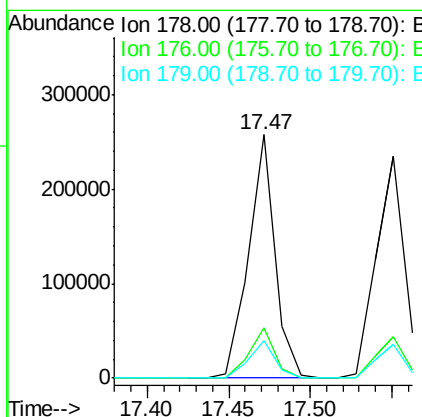
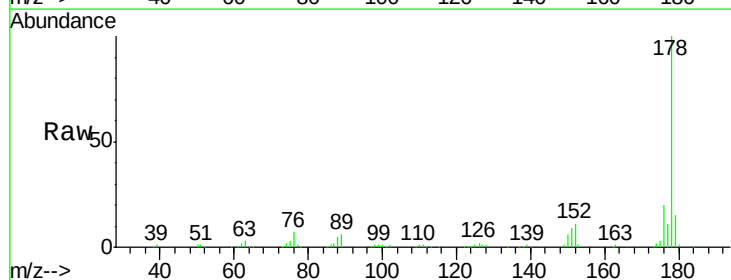
Manual Integrations
 APPROVED

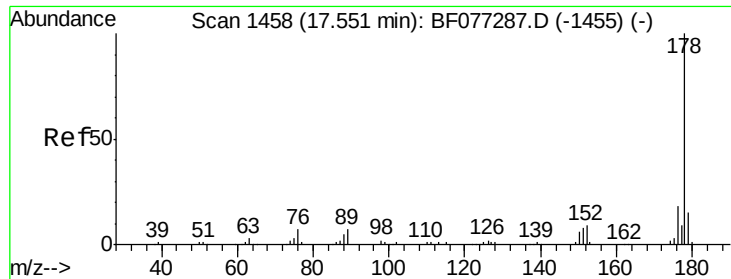
mohammad
 2/13/2015 5:40:37 PM



#70
 Phenanthrene
 Concen: 48.75 ng
 RT: 17.47 min Scan# 1451
 Delta R.T. 0.00 min
 Lab File: BF077297.D
 Acq: 12 Feb 2015 22:52

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	289718		
176	20.4		15.2	22.8
179	15.2		12.1	18.1





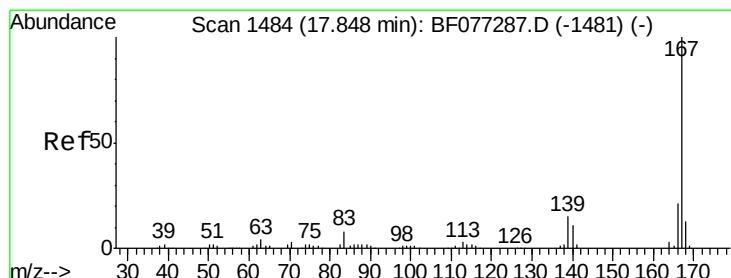
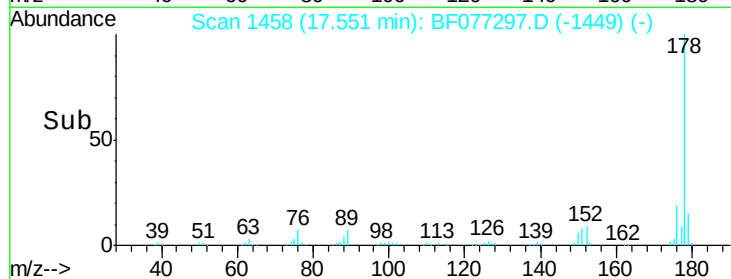
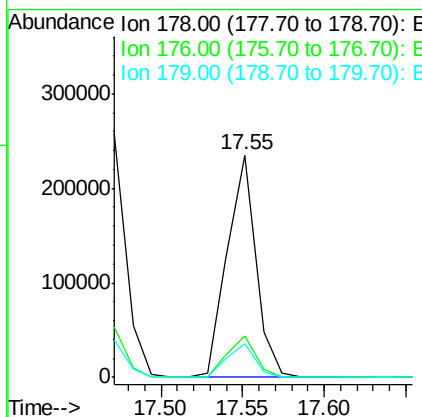
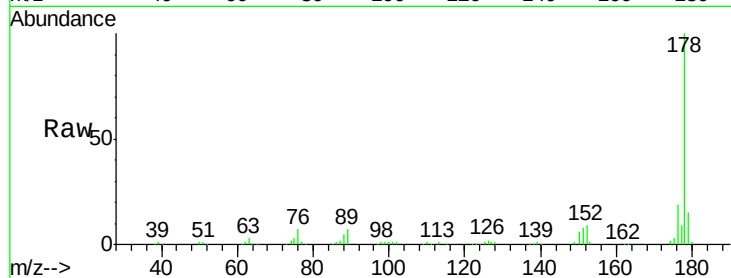
#71
 Anthracene
 Concen: 48.05 ng
 RT: 17.55 min Scan# 1458
 Delta R.T. 0.00 min
 Lab File: BF077297.D
 Acq: 12 Feb 2015 22:52

Instrument :
 BNA_F
 ClientSampleId :
 WC-1MSD

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.8	14.6	22.0
179	15.4	12.1	18.1

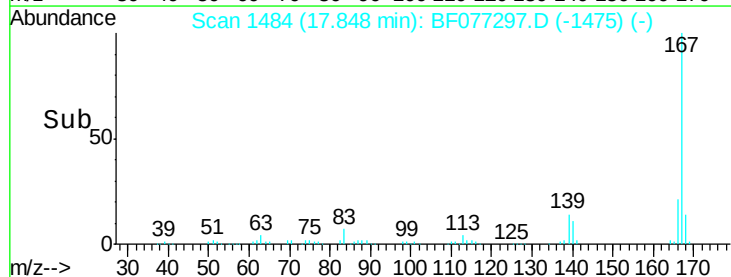
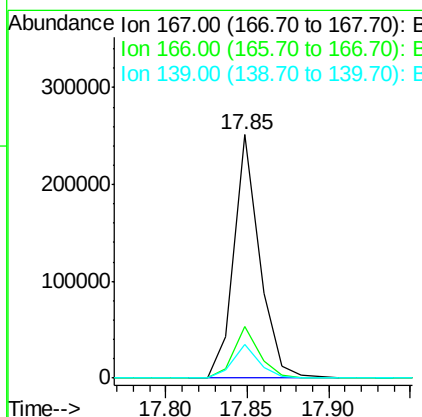
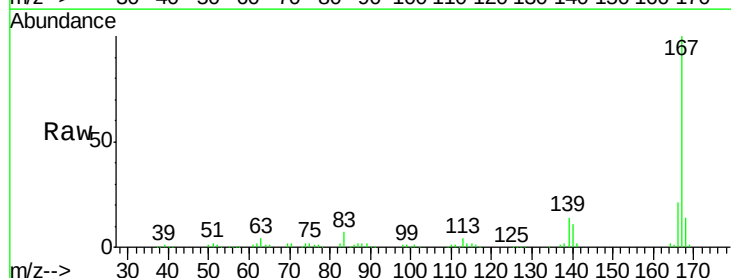
Manual Integrations
 APPROVED

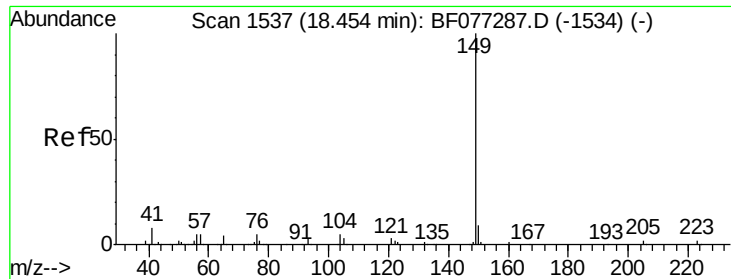
mohammad
 2/13/2015 5:40:37 PM



#72
 Carbazole
 Concen: 48.20 ng
 RT: 17.85 min Scan# 1484
 Delta R.T. 0.00 min
 Lab File: BF077297.D
 Acq: 12 Feb 2015 22:52

Tgt Ion	Ratio	Lower	Upper
167	100		
166	21.4	17.0	25.6
139	14.1	11.7	17.5





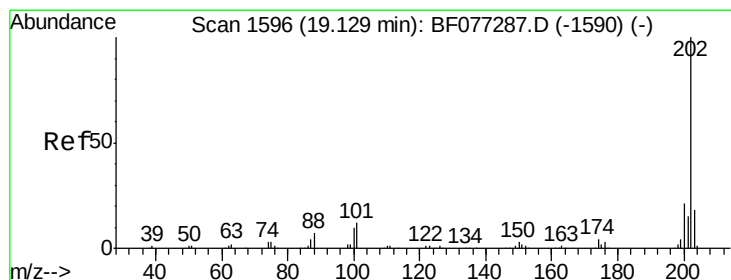
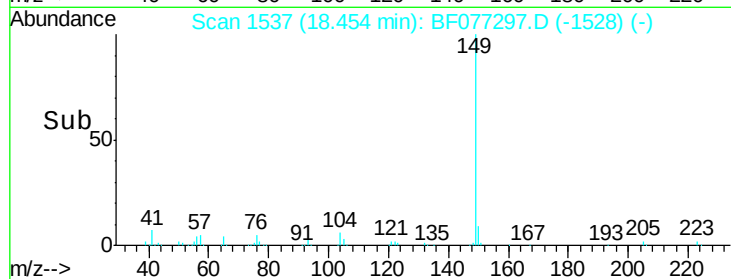
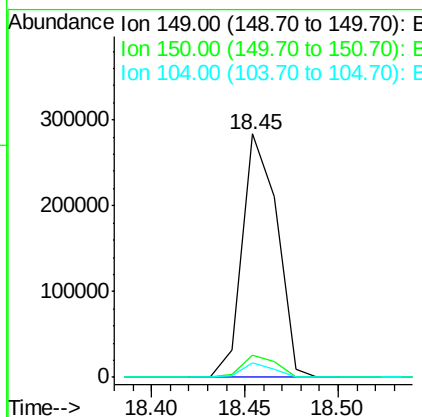
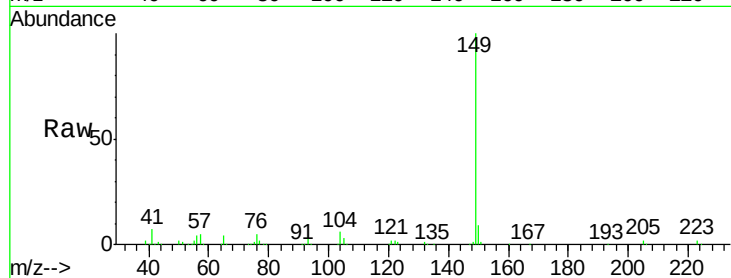
#73
Di-n-butylphthalate
Concen: 50.65 ng
RT: 18.45 min Scan# 1537
Delta R.T. 0.00 min
Lab File: BF077297.D
Acq: 12 Feb 2015 22:52

Instrument :
BNA_F
ClientSampleId :
WC-1MSD

Tot Ion	Ratio	Resp	Lower	Upper
149	100	367131		
150	9.3	7.4	11.2	
104	5.8	4.2	6.2	

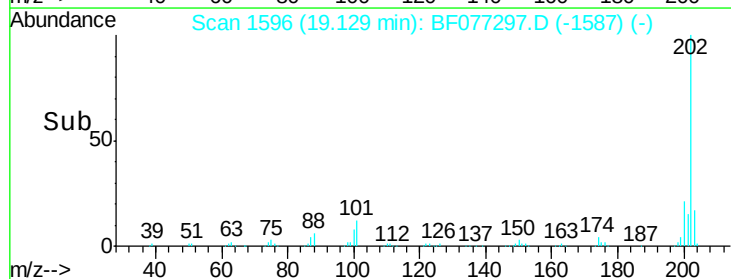
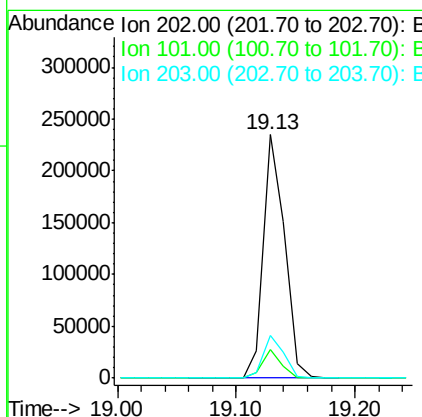
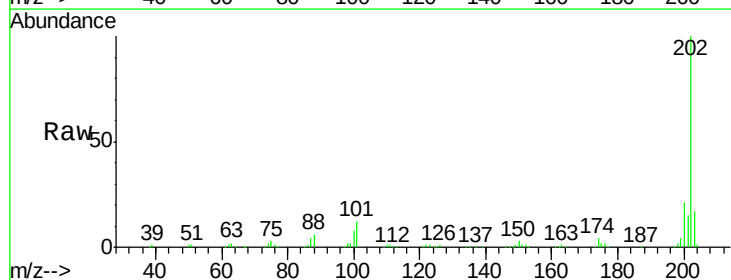
Manual Integrations
APPROVED

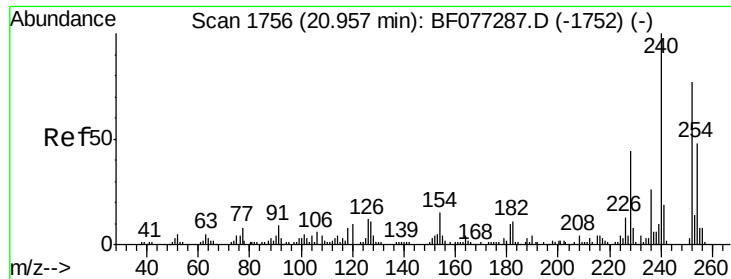
mohammad
2/13/2015 5:40:37 PM



#74
Fluoranthene
Concen: 48.27 ng
RT: 19.13 min Scan# 1596
Delta R.T. 0.00 min
Lab File: BF077297.D
Acq: 12 Feb 2015 22:52

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	295435		
101	11.9	0.0	32.4	
203	17.5	0.0	37.8	





#75

Chrysene-d12

Concen: 20.00 ng

RT: 20.96 min Scan# 1756

Delta R.T. 0.00 min

Lab File: BF077297.D

Acq: 12 Feb 2015 22:52

Instrument :

BNA_F

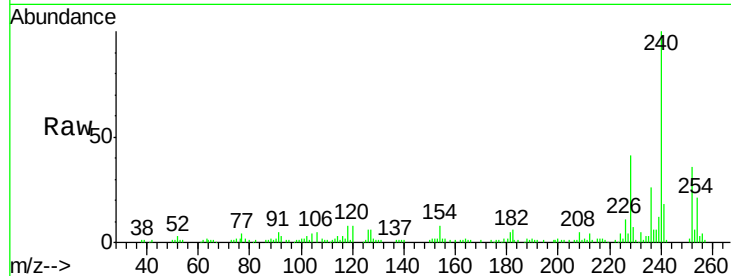
ClientSampleId :

WC-1MSD

Tot Ion	Ratio	Lower	Upper
240	100		
120	7.7	7.8	11.8#
236	25.6	20.4	30.6

Manual Integrations
APPROVED

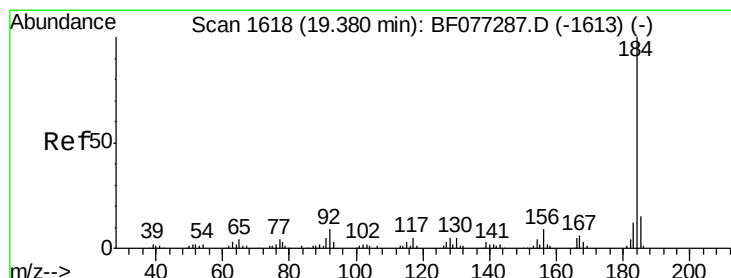
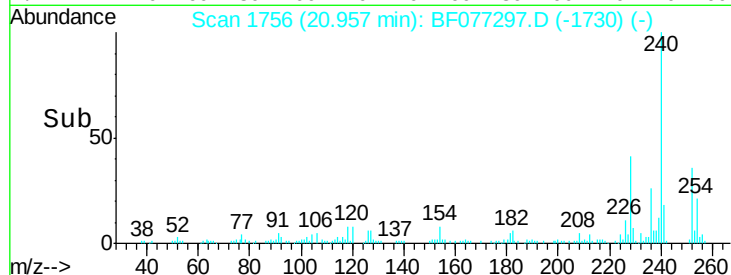
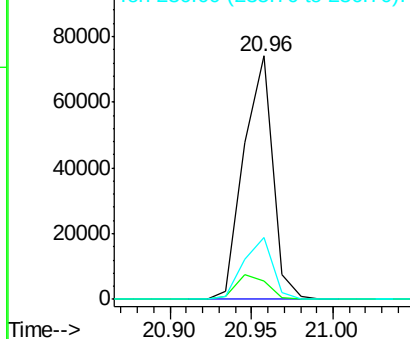
mohammad
2/13/2015 5:40:37 PM



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 13.25 ng

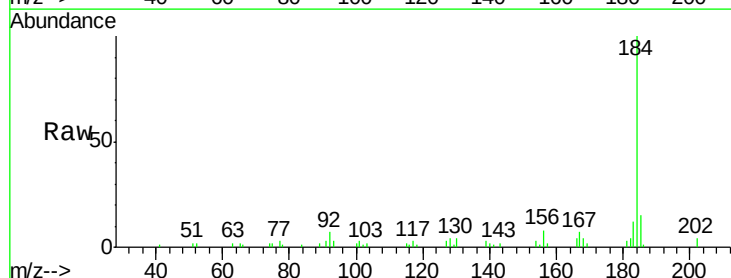
RT: 19.39 min Scan# 1619

Delta R.T. 0.01 min

Lab File: BF077297.D

Acq: 12 Feb 2015 22:52

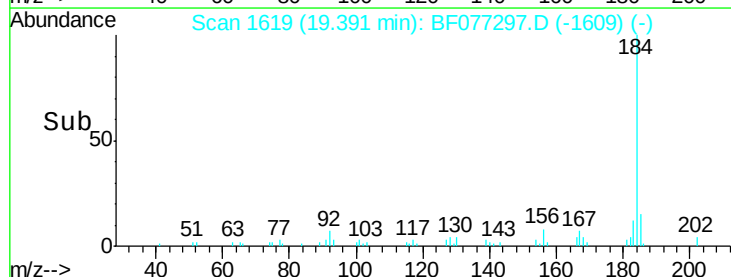
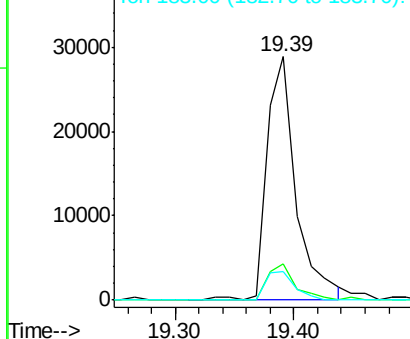
Tgt Ion	Ratio	Lower	Upper
184	100		
185	14.9	11.8	17.6
183	11.7	9.3	13.9

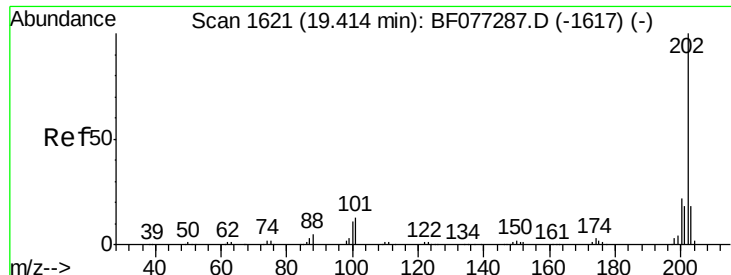


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





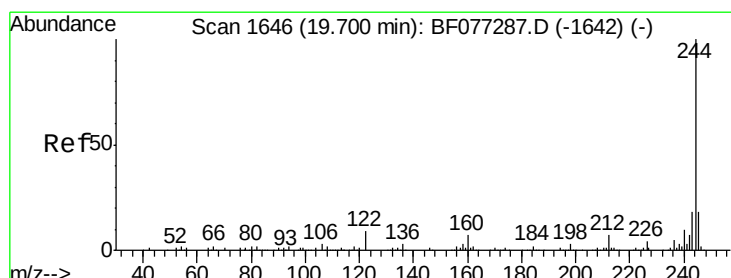
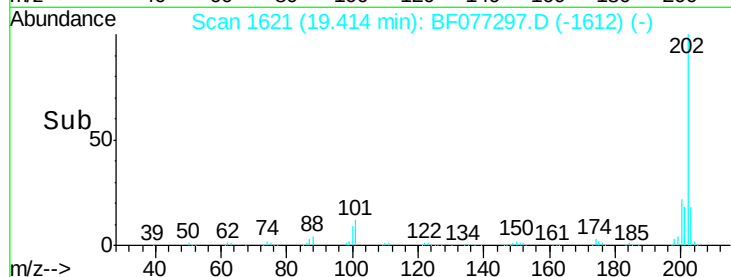
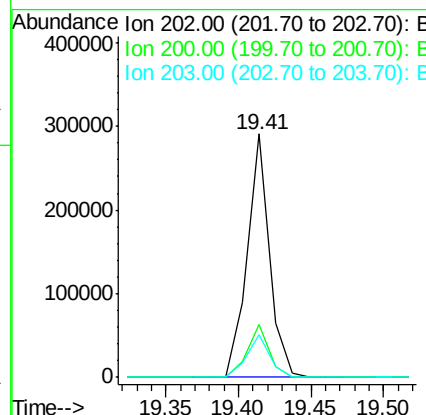
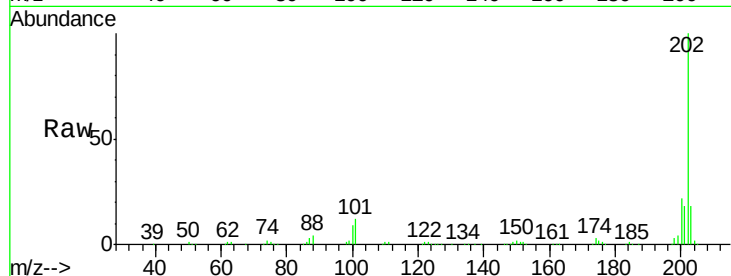
#77
Pvrene
Concen: 51.07 ng
RT: 19.41 min Scan# 1621
Delta R.T. 0.00 min
Lab File: BF077297.D
Acq: 12 Feb 2015 22:52

Instrument :
BNA_F
ClientSampleId :
WC-1MSD

Tot Ion	Ratio	Lower	Upper
202	100		
200	21.7	17.4	26.0
203	17.7	14.1	21.1

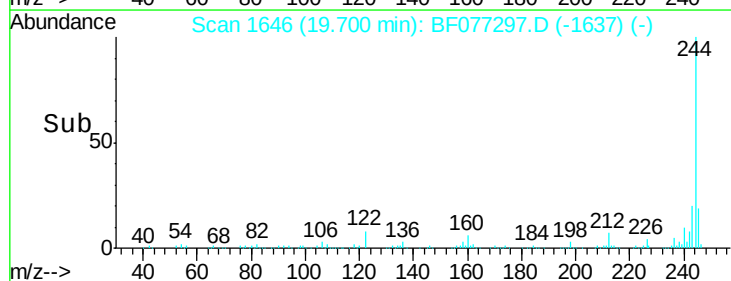
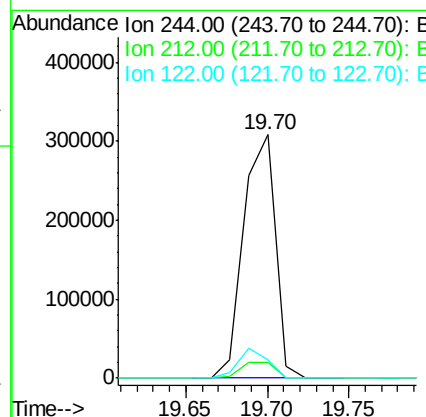
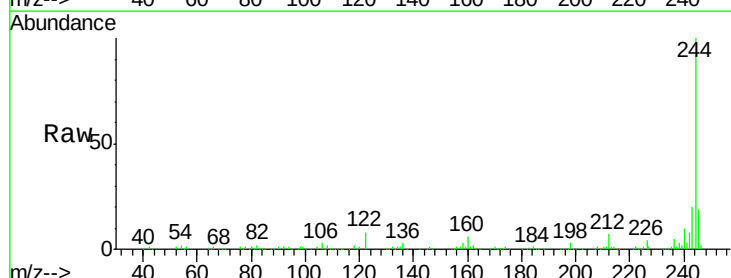
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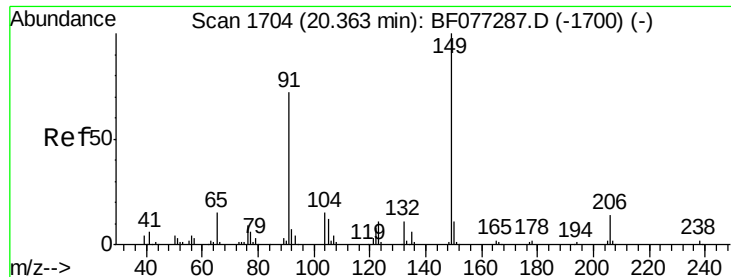
mohammad
2/13/2015 5:40:37 PM



#78
Terphenyl-d14
Concen: 102.51 ng
RT: 19.70 min Scan# 1646
Delta R.T. 0.00 min
Lab File: BF077297.D
Acq: 12 Feb 2015 22:52

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.5	5.6	8.4
122	7.6	7.0	10.4





#79

Butylbenzylphthalate

Concen: 53.50 ng

RT: 20.36 min Scan# 1704

Delta R.T. 0.00 min

Lab File: BF077297.D

Acq: 12 Feb 2015 22:52

Instrument :

BNA_F

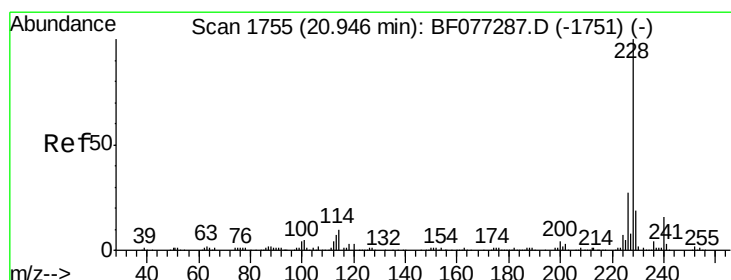
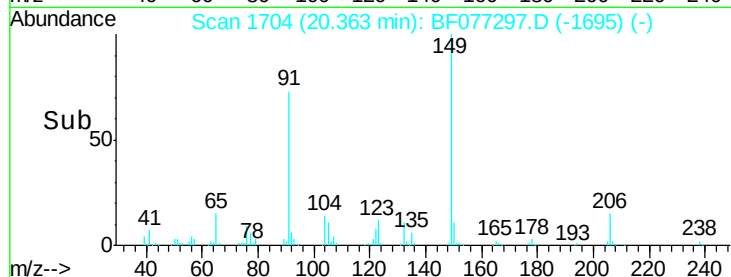
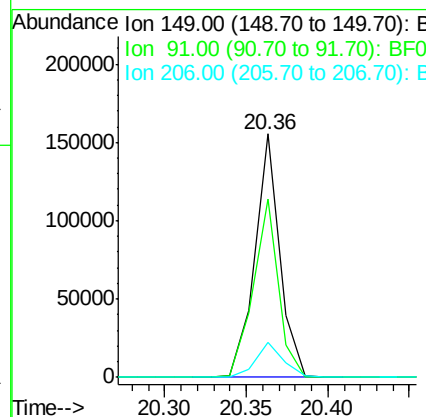
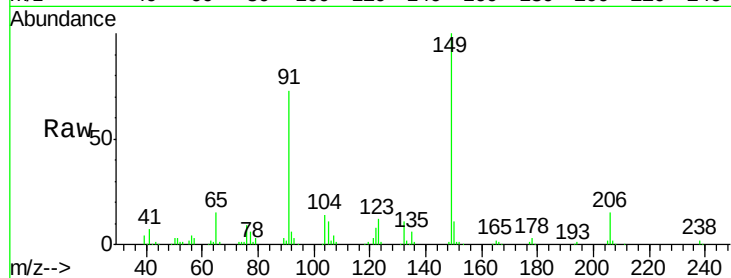
ClientSampleId :

WC-1MSD

Tot Ion:	149	Resp:	164593
Ion Ratio	Lower	Upper	
149	100		
91	73.3	57.3	85.9
206	14.5	11.6	17.4

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#80

Benzo(a)anthracene

Concen: 52.68 ng

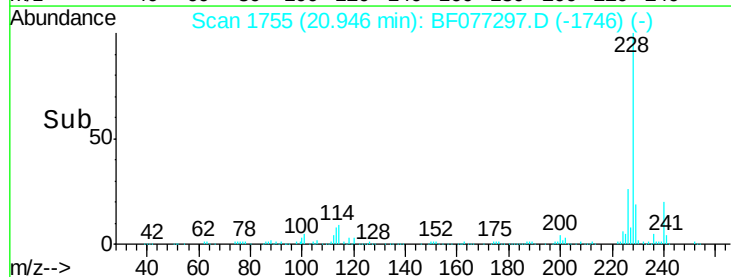
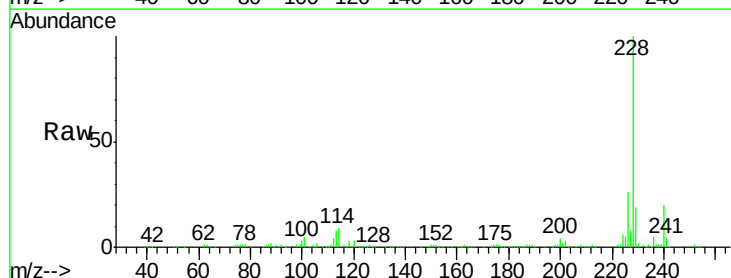
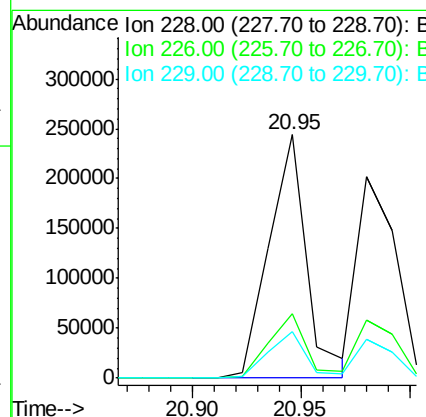
RT: 20.95 min Scan# 1755

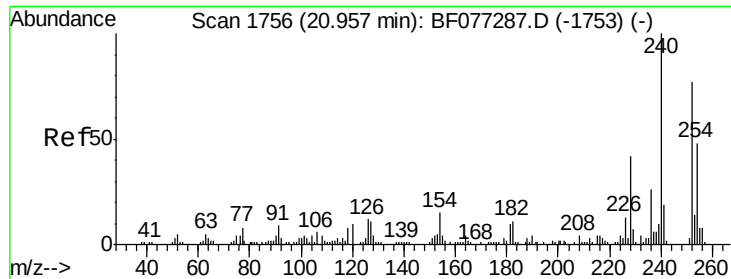
Delta R.T. 0.00 min

Lab File: BF077297.D

Acq: 12 Feb 2015 22:52

Tgt Ion:	228	Resp:	295404
Ion Ratio	Lower	Upper	
228	100		
226	26.3	21.4	32.2
229	18.9	15.5	23.3





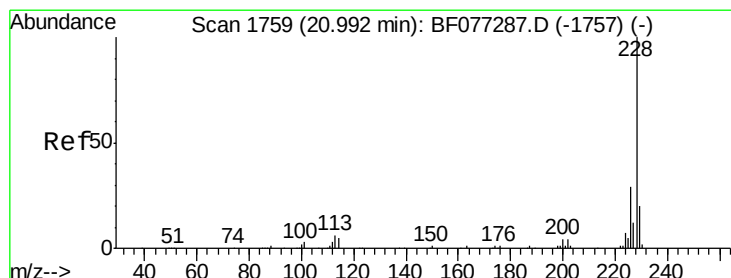
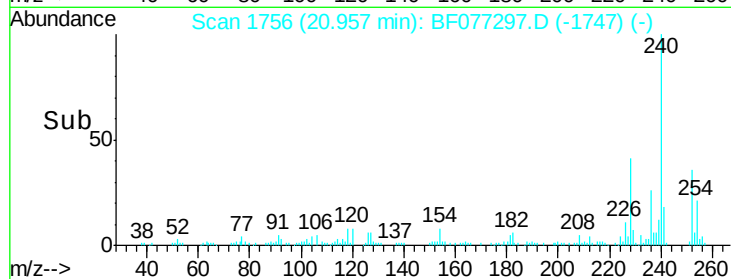
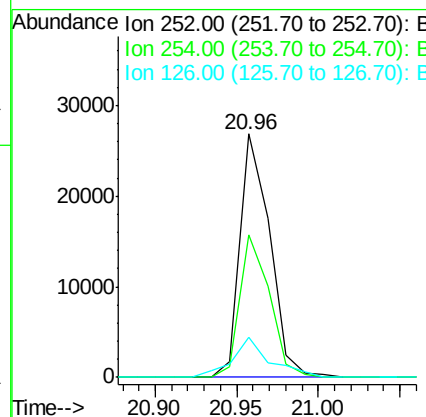
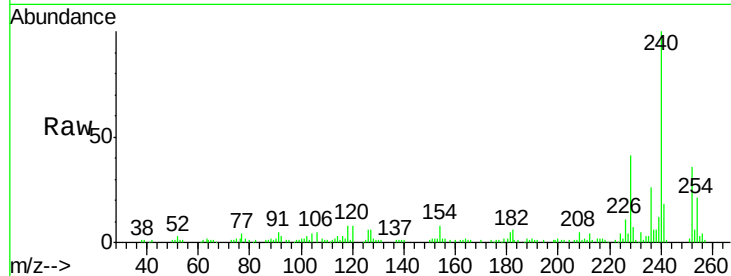
#81
 3,3'-Dichlorobenzidine
 Concen: 17.26 ng
 RT: 20.96 min Scan# 1756
 Delta R.T. 0.00 min
 Lab File: BF077297.D
 Acq: 12 Feb 2015 22:52

Instrument :
 BNA_F
 ClientSampleId :
 WC-1MSD

Tot Ion:	252	Resp:	33941
Ion Ratio	Lower	Upper	
252	100		
254	58.5	49.5	74.3
126	16.5	12.6	19.0

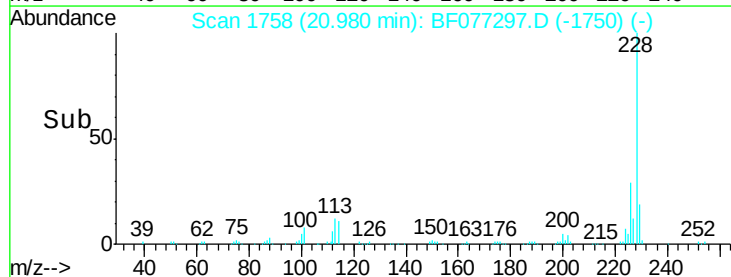
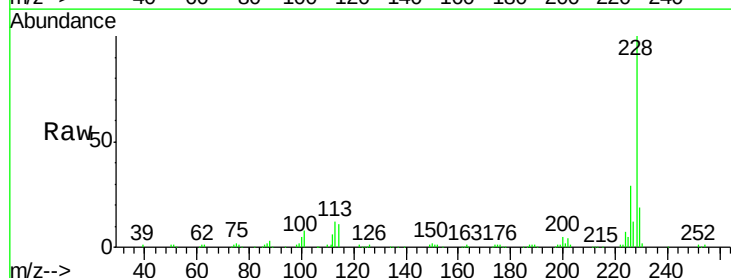
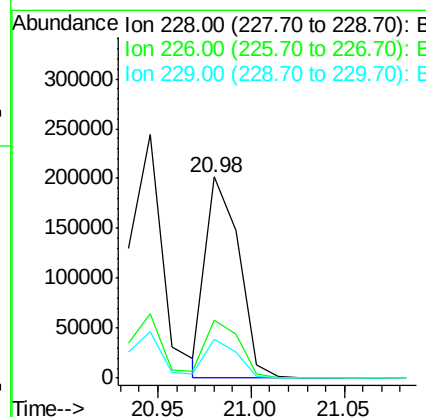
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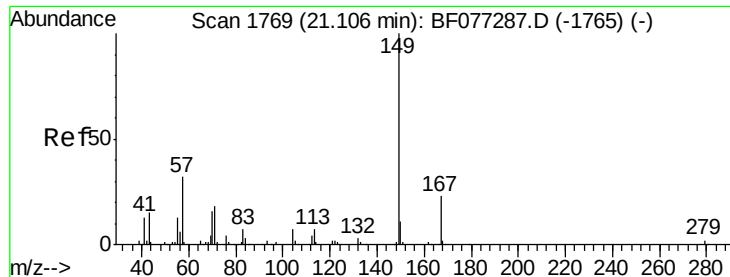
mohammad
 2/13/2015 5:40:37 PM



#82
 Chrysene
 Concen: 49.00 ng
 RT: 20.98 min Scan# 1758
 Delta R.T. -0.01 min
 Lab File: BF077297.D
 Acq: 12 Feb 2015 22:52

Tgt Ion:	228	Resp:	248932
Ion Ratio	Lower	Upper	
228	100		
226	28.9	24.3	36.5
229	19.1	15.8	23.8





#83

Bis(2-ethylhexyl)phthalate

Concen: 53.91 ng

RT: 21.11 min Scan# 1769

Delta R.T. 0.00 min

Lab File: BF077297.D

Acq: 12 Feb 2015 22:52

Instrument :

BNA_F

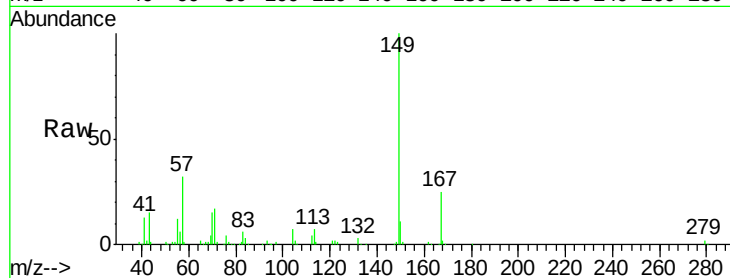
ClientSampleId :

WC-1MSD

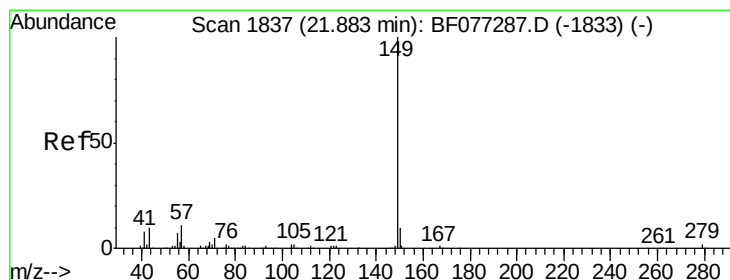
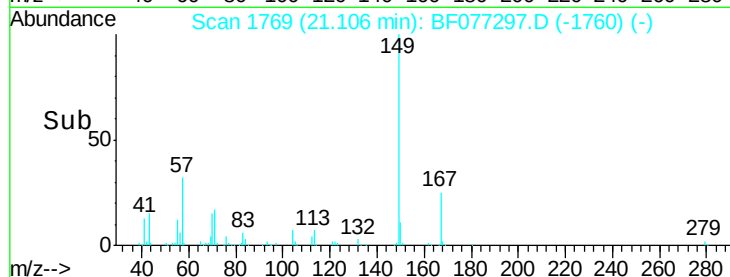
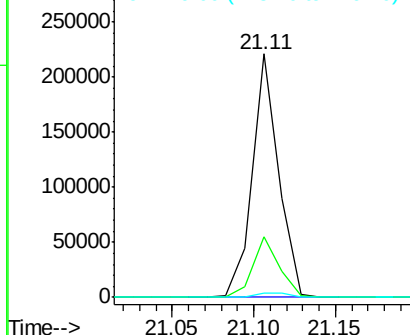
Tot Ion:	149	Resp:	246756
Ion Ratio	Lower	Upper	
149	100		
167	24.9	18.6	28.0
279	1.9	1.5	2.3

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



#84

Di-n-octyl phthalate

Concen: 54.89 ng

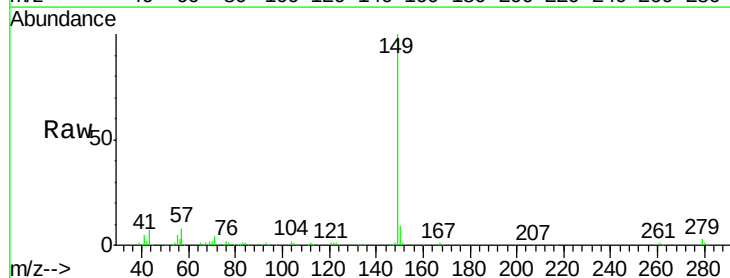
RT: 21.87 min Scan# 1836

Delta R.T. -0.01 min

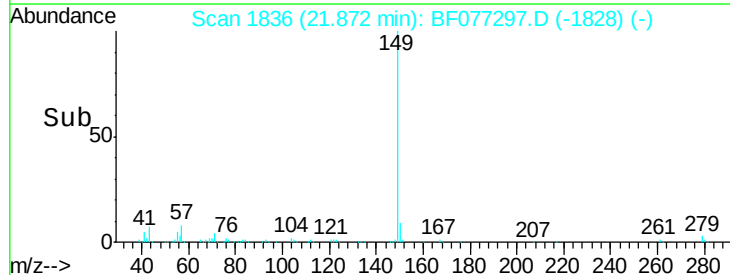
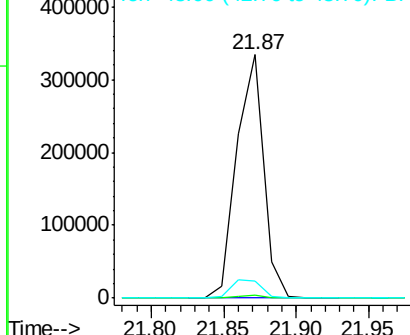
Lab File: BF077297.D

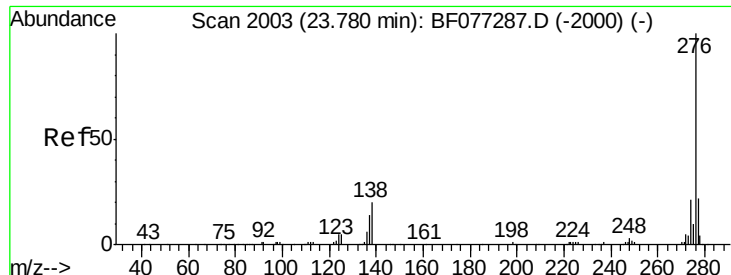
Acq: 12 Feb 2015 22:52

Tgt Ion:	149	Resp:	432111
Ion Ratio	Lower	Upper	
149	100		
167	1.4	1.1	1.7
43	8.8	7.3	10.9



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





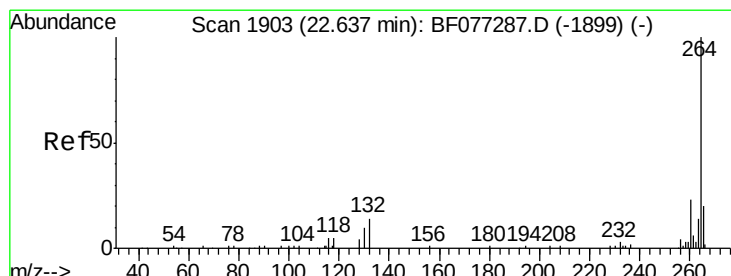
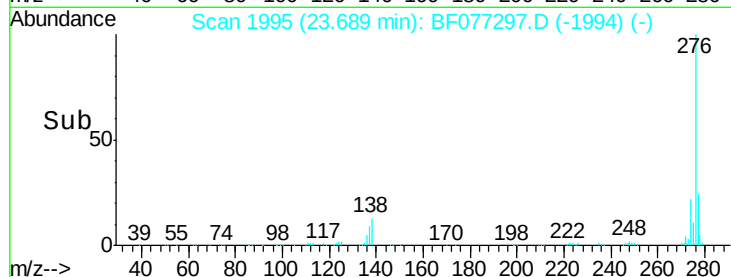
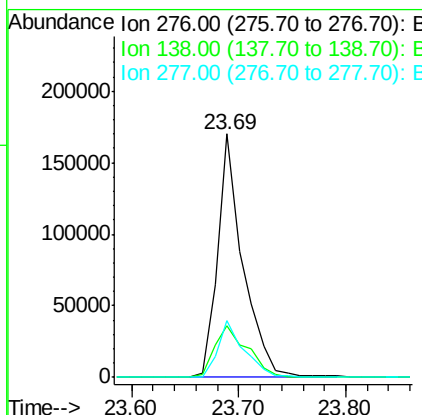
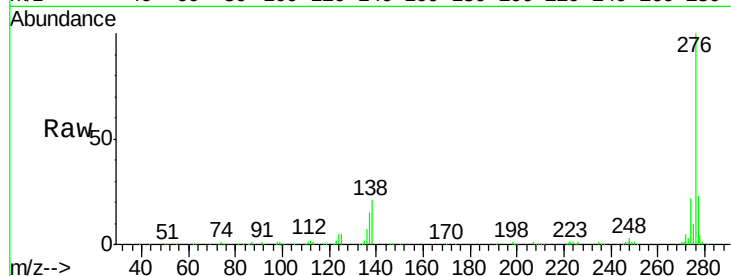
#85
Indeno(1,2,3-cd)pyrene
Concen: 56.93 ng/ml
RT: 23.69 min Scan# 1995
Delta R.T. -0.09 min
Lab File: BF077297.D
Acq: 12 Feb 2015 22:52

Instrument :
BNA_F
ClientSampleId :
WC-1MSD

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

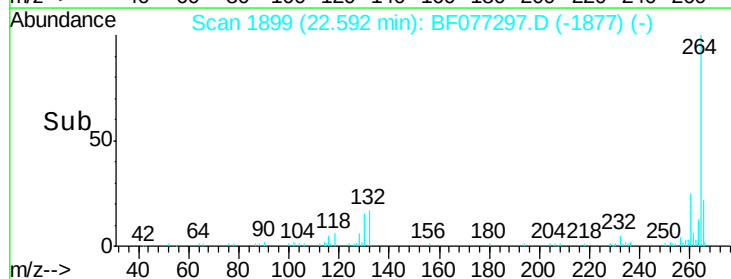
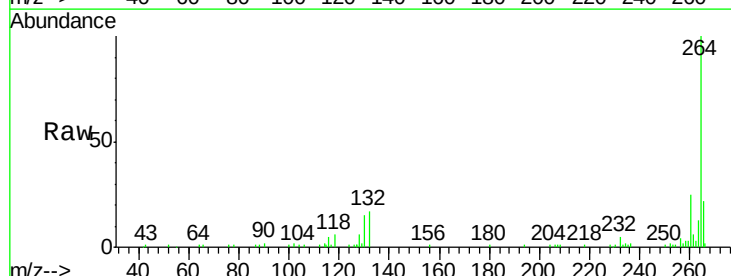
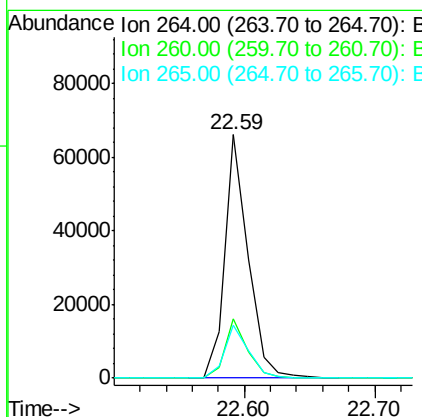
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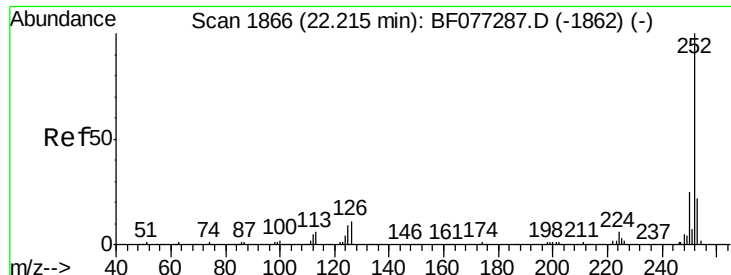
mohammad
2/13/2015 5:40:37 PM



#86
Perylene-d12
Concen: 20.00 ng
RT: 22.59 min Scan# 1899
Delta R.T. -0.05 min
Lab File: BF077297.D
Acq: 12 Feb 2015 22:52

Tgt Ion	Ratio	Resp Lower	Resp Upper
264	100		
260	24.5	18.6	27.8
265	21.6	16.2	24.2





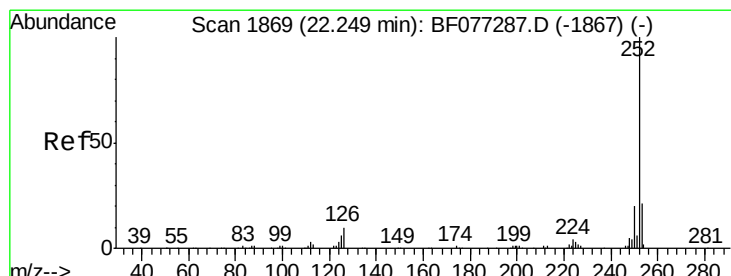
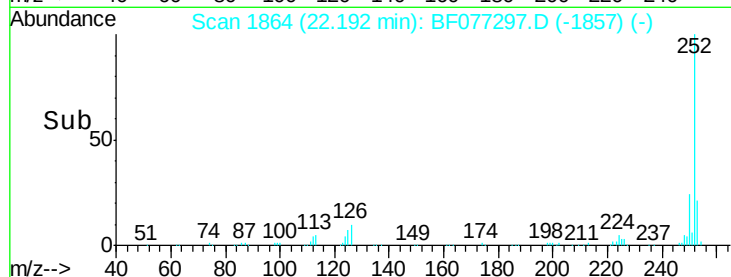
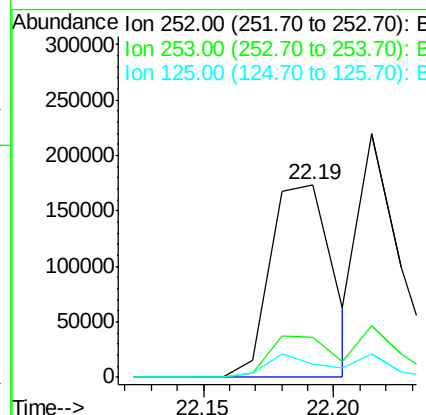
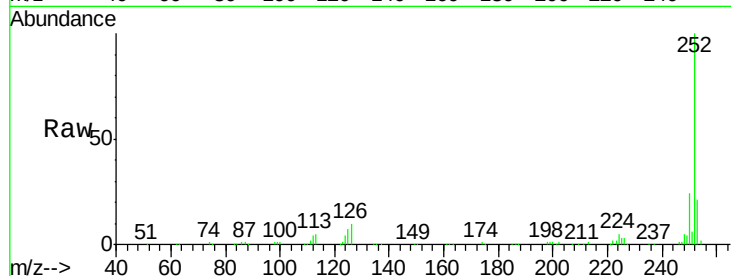
#87
Benzo(b)fluoranthene
Concen: 49.42 ng
RT: 22.19 min Scan# 1864
Delta R.T. -0.02 min
Lab File: BF077297.D
Acq: 12 Feb 2015 22:52

Instrument :
BNA_F
ClientSampleId :
WC-1MSD

Tot Ion	Ratio	Resp	Lower	Upper
252	100	287720		
253	21.1		17.4	26.2
125	6.8		7.1	10.7#

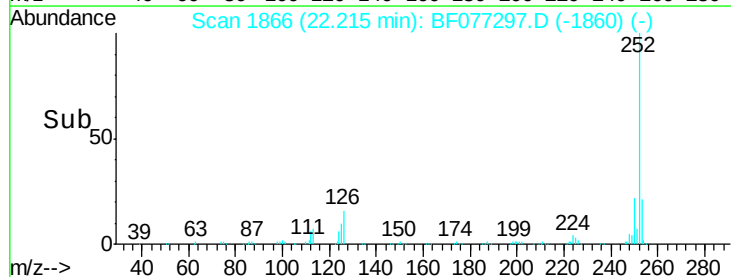
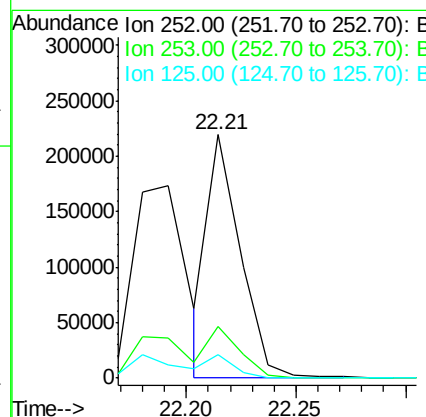
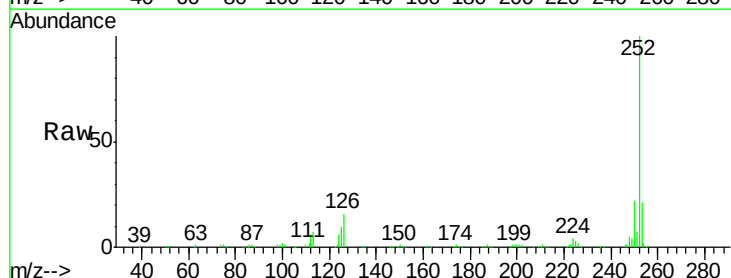
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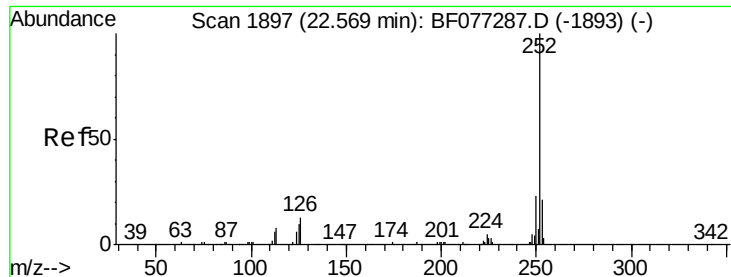
mohammad
2/13/2015 5:40:37 PM



#88
Benzo(k)fluoranthene
Concen: 52.59 ng m
RT: 22.21 min Scan# 1866
Delta R.T. -0.03 min
Lab File: BF077297.D
Acq: 12 Feb 2015 22:52

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	231248		
253	21.4		16.6	24.8
125	9.7		5.8	8.8#





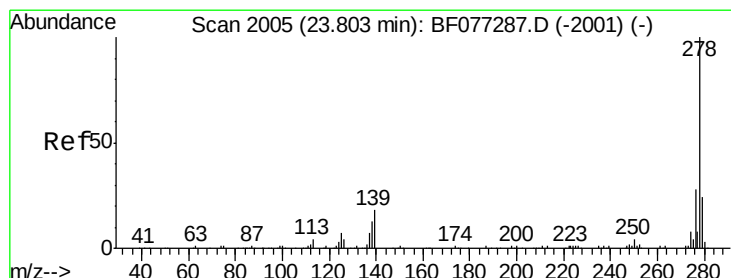
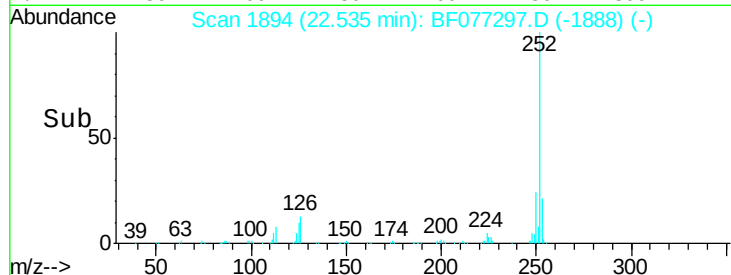
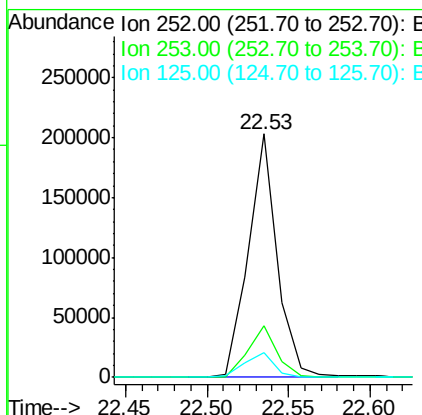
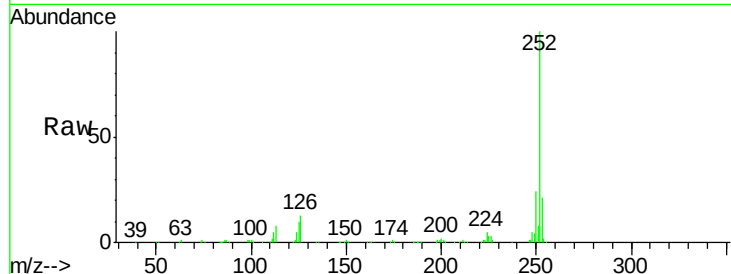
#89
Benzo(a)pyrene
Concen: 51.22 ng
RT: 22.53 min Scan# 1894
Delta R.T. -0.03 min
Lab File: BF077297.D
Acq: 12 Feb 2015 22:52

Instrument :
BNA_F
ClientSampled :
WC-1MSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.1	17.2	25.8
125	9.9	8.2	12.4

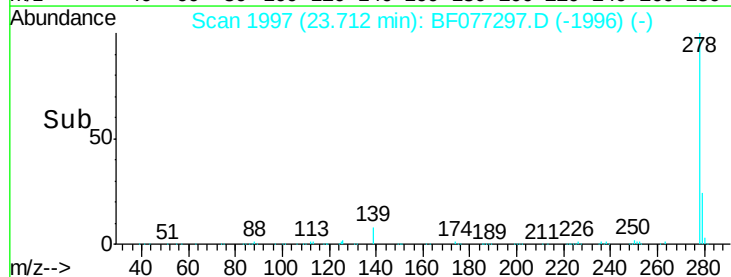
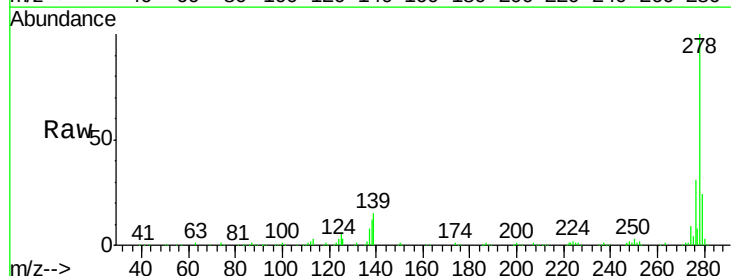
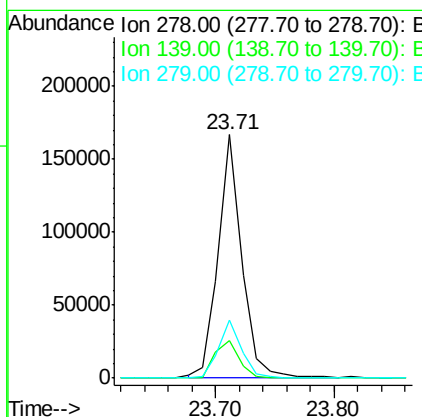
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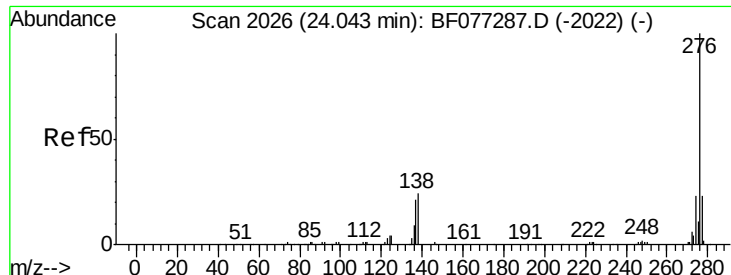
mohammad
2/13/2015 5:40:37 PM



#90
Dibenzo(a,h)anthracene
Concen: 52.42 ng
RT: 23.71 min Scan# 1997
Delta R.T. -0.09 min
Lab File: BF077297.D
Acq: 12 Feb 2015 22:52

Tgt Ion	Ratio	Lower	Upper
278	100		
139	15.3	14.2	21.2
279	23.9	18.9	28.3





#91
 Benzo(a,h,i)perylene
 Concen: 52.59 ng
 RT: 23.94 min Scan# 2017
 Delta R.T. -0.10 min
 Lab File: BF077297.D
 Acq: 12 Feb 2015 22:52

Instrument :
 BNA_F
 ClientSampleId :
 WC-1MSD

Tot Ion	Ratio	Resp Lower	Upper
276	100		
277	23.5	18.7	28.1
138	23.4	19.1	28.7

Manual Integrations
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mohammad
 2/13/2015 5:40:37 PM

