

Data Path : Z:\HPCHEM1\BNA F\DATA\BF021215\
 Data File : BF077296.D
 Acq On : 12 Feb 2015 22:17
 Operator : TP/IZ
 Sample : G1272-02MS
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-1MS

Manual Integrations
 APPROVED

mohammad
 2/13/2015 5:40:32 PM

Quant Time: Feb 13 05:20:29 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	25648	20.00	ng	0.00
21) Naphthalene-d8	10.41	136	109643	20.00	ng	0.00
38) Acenaphthene-d10	14.52	164	54190	20.00	ng	0.00
63) Phenanthrene-d10	17.44	188	101902	20.00	ng	0.00
75) Chrysene-d12	20.95	240	94954	20.00	ng	-0.01
86) Perylene-d12	22.58	264	84288	20.00	ng	-0.06

System Monitoring Compounds

5) 2-Fluorophenol	4.51	112	222270	134.92	ng	0.02
7) Phenol-d6	6.93	99	264460	130.28	ng	0.00
23) Nitrobenzene-d5	8.82	82	205056	106.83	ng	0.00
41) 2,4,6-Tribromophenol	16.31	330	78788	178.30	ng	0.00
44) 2-Fluorobiphenyl	13.07	172	418660	116.28	ng	0.00
78) Terphenyl-d14	19.69	244	430807	101.91	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	1.05	88	25154	40.65	ng	91
3) Pyridine	1.47	79	52320	31.90	ng	96
4) n-Nitrosodimethylamine	1.42	42	40911	49.57	ng	# 97
6) Aniline	6.81	93	24631	9.17	ng	96
8) 2-Chlorophenol	7.04	128	83304	44.76	ng	95
9) Benzaldehyde	6.54	77	4162m	3.33	ng	
10) Phenol	6.97	94	74050	35.49	ng	94
11) bis(2-Chloroethyl)ether	7.05	93	78150	47.00	ng	94
12) 1,3-Dichlorobenzene	7.33	146	90069	43.78	ng	97
13) 1,4-Dichlorobenzene	7.54	146	93848	44.24	ng	99
14) 1,2-Dichlorobenzene	7.85	146	89617	44.58	ng	99
15) Benzyl Alcohol	7.96	79	74925	46.60	ng	91
16) 2,2'-oxybis(1-Chloropropan	8.30	45	106583	45.74	ng	92
17) 2-Methylphenol	8.33	107	63718	44.27	ng	96
18) Hexachloroethane	8.59	117	34899	45.29	ng	92
19) n-Nitroso-di-n-propylamine	8.59	70	64862	45.44	ng	94
20) 3+4-Methylphenols	8.72	107	76223m	41.10	ng	
22) Acetophenone	8.51	105	128295	48.72	ng	99
24) Nitrobenzene	8.85	77	88908	46.72	ng	98
25) Isophorone	9.46	82	172900	49.98	ng	97
26) 2-Nitrophenol	9.60	139	43612	46.16	ng	97
27) 2,4-Dimethylphenol	9.90	122	75315	48.43	ng	95
28) bis(2-Chloroethoxy)methane	10.10	93	105585	50.12	ng	99
29) 2,4-Dichlorophenol	10.22	162	65482m	46.08	ng	
30) 1,2,4-Trichlorobenzene	10.33	180	75380	46.92	ng	100
31) Naphthalene	10.45	128	288291	53.27	ng	99
32) Benzoic acid	10.34	122	18094	63.12	ng	90
33) 4-Chloroaniline	10.75	127	23305m	10.67	ng	
34) Hexachlorobutadiene	10.82	225	43590	47.76	ng	99
35) Caprolactam	11.58	113	15419m	36.49	ng	
36) 4-Chloro-3-methylphenol	12.05	107	75192	47.30	ng	93
37) 2-Methylnaphthalene	12.11	142	194830	48.02	ng	99
39) 1,2,4,5-Tetrachlorobenzene	12.51	216	73250	53.71	ng	# 100
40) Hexachlorocyclopentadiene	12.50	237	74796	108.21	ng	96

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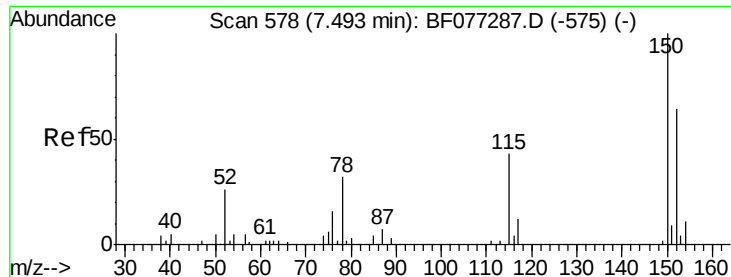
Manual Integrations
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Quant Time: Feb 13 05:20:29 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF021215.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 13 03:50:26 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	12.88	196	48299	53.76	nq	98
43) 2,4,5-Trichlorophenol	12.99	196	50053m	56.79	nq	
45) 1,1'-Biphenyl	13.27	154	219742	52.62	nq	100
46) 2-Chloronaphthalene	13.23	162	173996	52.18	nq	97
47) 2-Nitroaniline	13.60	65	54532	55.96	nq	92
48) Acenaphthylene	14.18	152	282583	53.70	nq	100
49) Dimethylphthalate	14.16	163	213337	54.44	nq	99
50) 2,6-Dinitrotoluene	14.25	165	43422	57.31	nq	91
51) Acenaphthene	14.60	154	158689	52.07	nq	97
52) 3-Nitroaniline	14.60	138	15547	16.77	nq	# 97
53) 2,4-Dinitrophenol	14.89	184	33510	111.22	nq	# 75
54) Dibenzofuran	15.03	168	245798	52.17	nq	97
55) 4-Nitrophenol	15.23	139	44208	98.00	nq	99
56) 2,4-Dinitrotoluene	15.19	165	61411	56.62	nq	96
57) Fluorene	15.80	166	205367	53.24	nq	96
58) 2,3,4,6-Tetrachlorophenol	15.40	232	34170	57.60	nq	# 100
59) Diethylphthalate	15.83	149	228013	55.87	nq	99
60) 4-Chlorophenyl-phenylether	15.92	204	87099	54.30	nq	97
61) 4-Nitroaniline	15.99	138	38027	43.99	nq	99
62) Azobenzene	16.21	77	198331m	50.95	nq	
64) 4,6-Dinitro-2-methylphenol	16.07	198	28558	48.20	nq	94
65) n-Nitrosodiphenylamine	16.18	169	171321	47.14	nq	98
66) 4-Bromophenyl-phenylether	16.80	248	50425	47.35	nq	97
67) Hexachlorobenzene	16.81	284	52407	48.33	nq	89
68) Atrazine	17.20	200	57741	50.16	nq	93
69) Pentachlorophenol	17.20	266	37970	108.46	nq	94
70) Phenanthrene	17.47	178	306019	49.79	nq	99
71) Anthracene	17.55	178	299781	48.62	nq	100
72) Carbazole	17.85	167	283337	48.11	nq	100
73) Di-n-butylphthalate	18.45	149	379677	50.65	nq	99
74) Fluoranthene	19.13	202	300580	47.48	nq	98
76) Benzidine	19.39	184	20748m	5.39	nq	
77) Pyrene	19.41	202	318293	50.26	nq	99
79) Butylbenzylphthalate	20.36	149	174112	54.30	nq	91
80) Benzo(a)anthracene	20.95	228	284694	48.71	nq	98
81) 3,3'-Dichlorobenzidine	20.96	252	44357	21.64	nq	# 97
82) Chrysene	20.98	228	264180	49.88	nq	100
83) Bis(2-ethylhexyl)phthalate	21.11	149	260718	54.65	nq	# 99
84) Di-n-octyl phthalate	21.86	149	443379	54.04	nq	100
85) Indeno(1,2,3-cd)pyrene	23.64	276	277303m	53.85	nq	
87) Benzo(b)fluoranthene	22.18	252	277134	46.17	nq	99
88) Benzo(k)fluoranthene	22.20	252	258244m	56.96	nq	
89) Benzo(a)pyrene	22.52	252	246928	49.41	nq	# 97
90) Dibenzo(a,h)anthracene	23.67	278	232198m	52.31	nq	
91) Benzo(g,h,i)perylene	23.89	276	230619m	52.51	nq	

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



#1

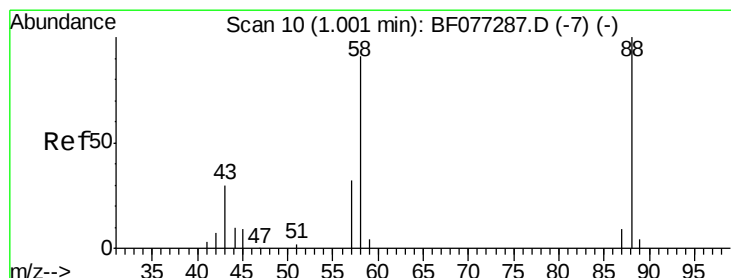
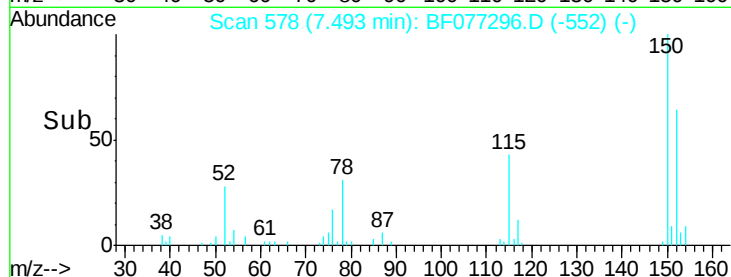
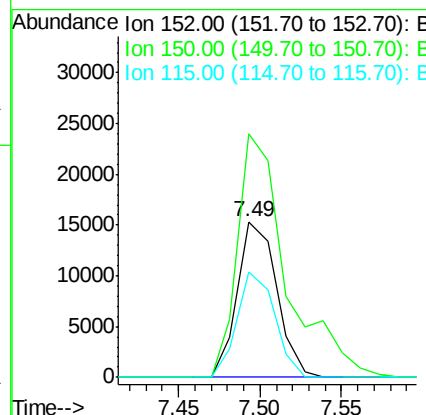
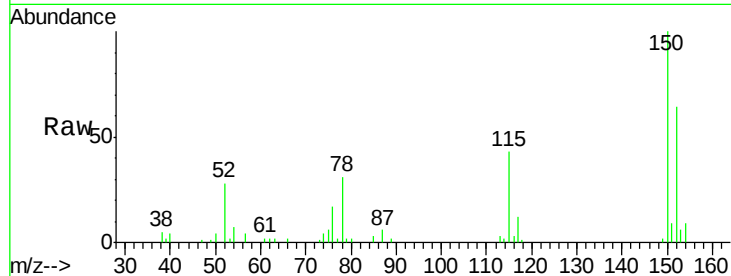
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.49 min Scan# 578
Delta R.T. 0.00 min
Lab File: BF077296.D
Acq: 12 Feb 2015 22:17

Instrument :
BNA_F
ClientSampleId :
WC-1MS

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.5	124.9	187.3
115	67.5	54.1	81.1

Manual Integrations
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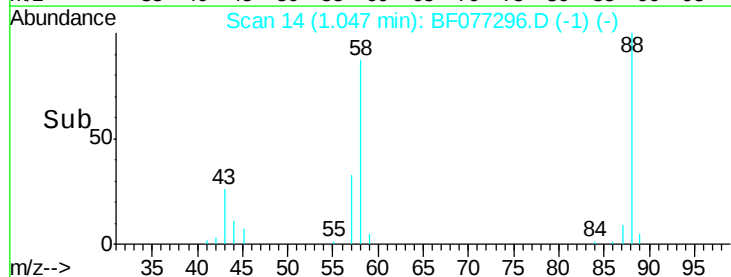
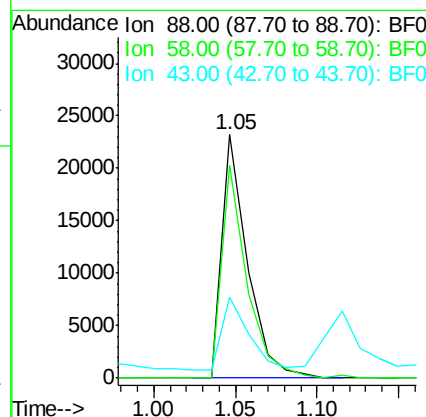
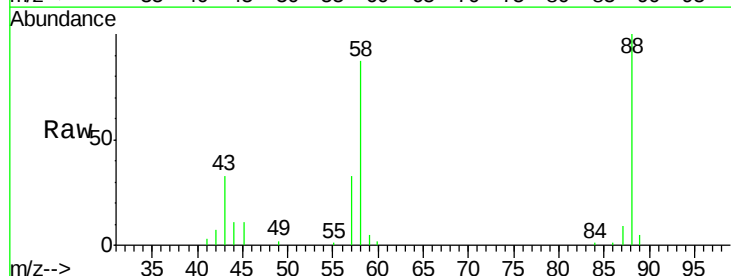
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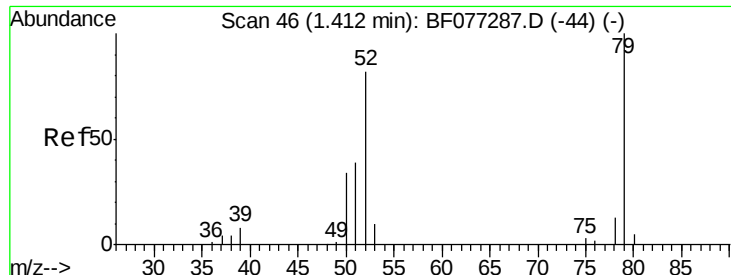


#2

1,4-Dioxane
Concen: 40.65 ng
RT: 1.05 min Scan# 14
Delta R.T. 0.05 min
Lab File: BF077296.D
Acq: 12 Feb 2015 22:17

Tgt Ion	Ratio	Lower	Upper
88	100		
58	86.7	77.0	115.6
43	31.7	28.1	42.1





#3

Pvridine

Concen: 31.90 ng

RT: 1.47 min Scan# 51

Delta R.T. 0.06 min

Lab File: BF077296.D

Acq: 12 Feb 2015 22:17

Instrument :

BNA_F

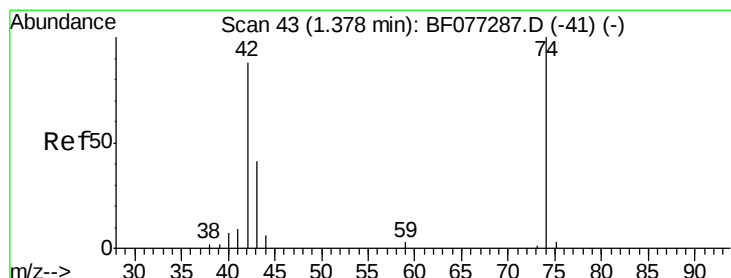
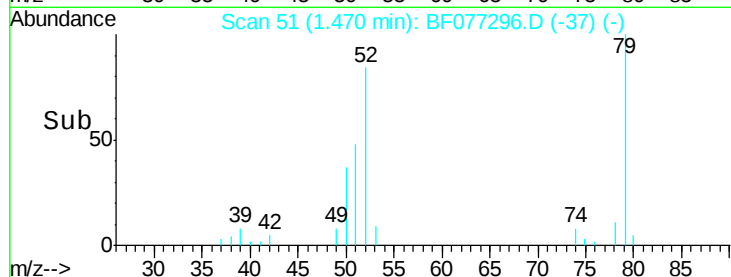
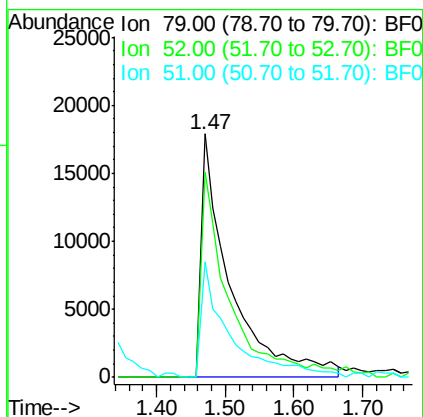
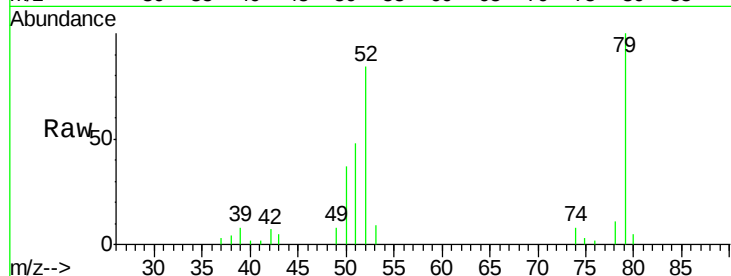
ClientSampleId :

WC-1MS

Tot Ion:	79	Resp:	52320
Ion Ratio	Lower	Upper	
79	100		
52	84.3	65.3	97.9
51	47.7	35.4	53.0

Manual Integrations
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#4

n-Nitrosodimethylamine

Concen: 49.57 ng

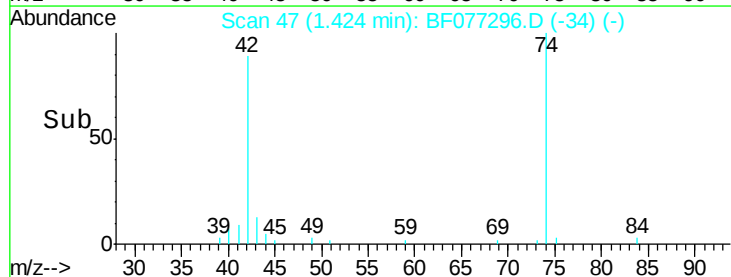
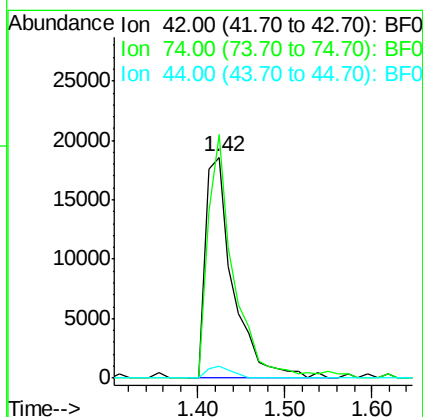
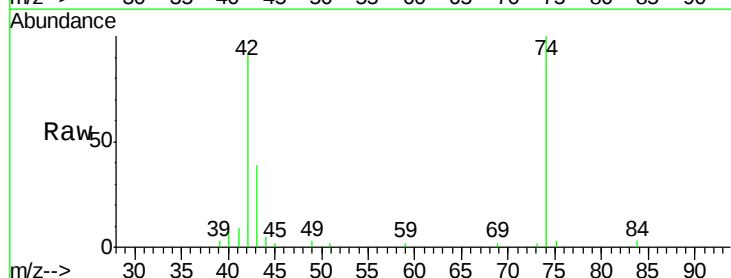
RT: 1.42 min Scan# 47

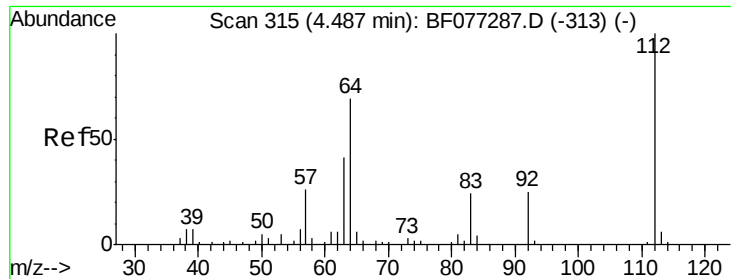
Delta R.T. 0.05 min

Lab File: BF077296.D

Acq: 12 Feb 2015 22:17

Tgt Ion:	42	Resp:	40911
Ion Ratio	Lower	Upper	
42	100		
74	110.2	90.8	136.2
44	5.4	5.8	8.6#





#5

2-Fluorophenol

Concen: 134.92 ng

RT: 4.51 min Scan# 317

Delta R.T. 0.02 min

Lab File: BF077296.D

Acq: 12 Feb 2015 22:17

Instrument :

BNA_F

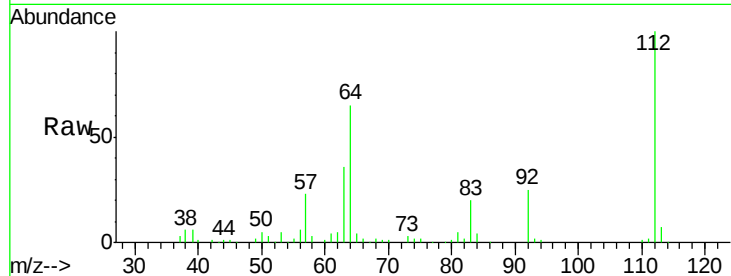
ClientSampleId :

WC-1MS

Tot Ion:	112	Resp:	222270
Ion Ratio	Lower	Upper	
112	100		
64	64.8	55.0	82.4
63	36.5	33.0	49.6

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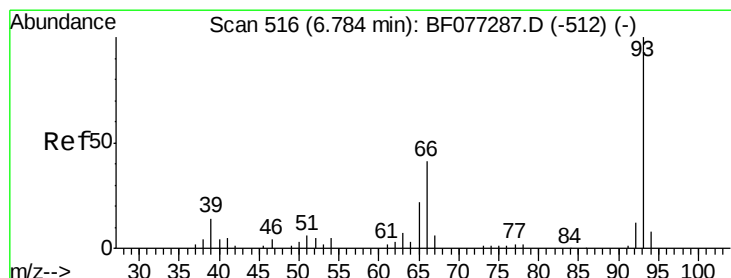
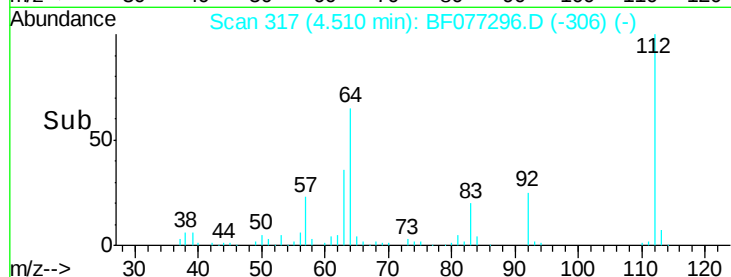
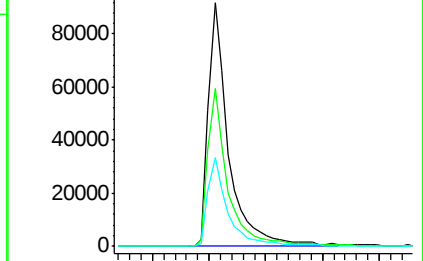
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Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 9.17 ng

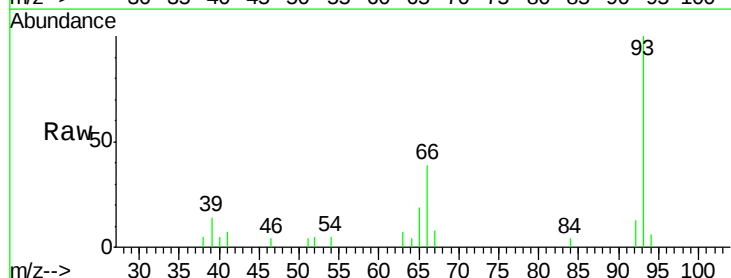
RT: 6.81 min Scan# 518

Delta R.T. 0.02 min

Lab File: BF077296.D

Acq: 12 Feb 2015 22:17

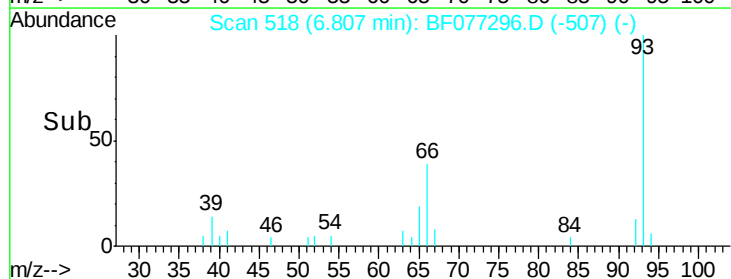
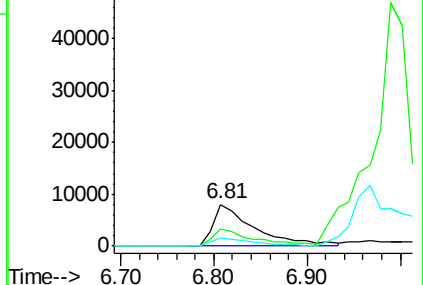
Tgt Ion:	93	Resp:	24631
Ion Ratio	Lower	Upper	
93	100		
66	39.4	33.1	49.7
65	18.6	17.2	25.8

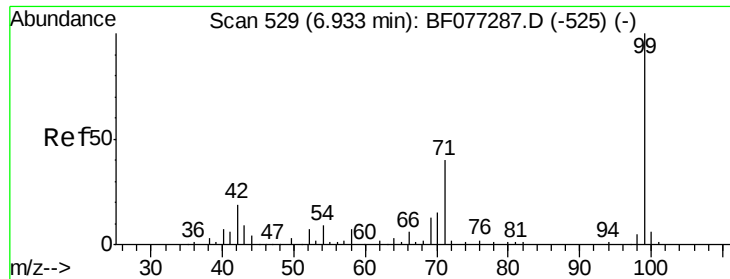


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 130.28 ng

RT: 6.93 min Scan# 529

Delta R.T. 0.00 min

Lab File: BF077296.D

Acq: 12 Feb 2015 22:17

Instrument :

BNA_F

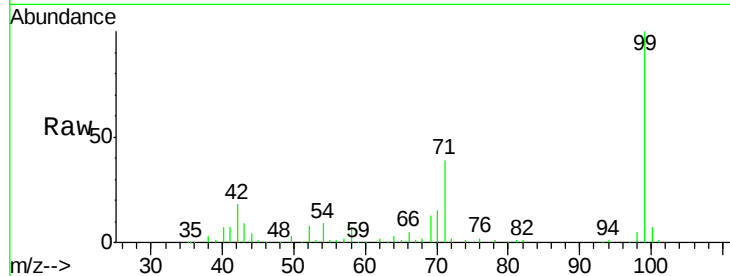
ClientSampled :

WC-1MS

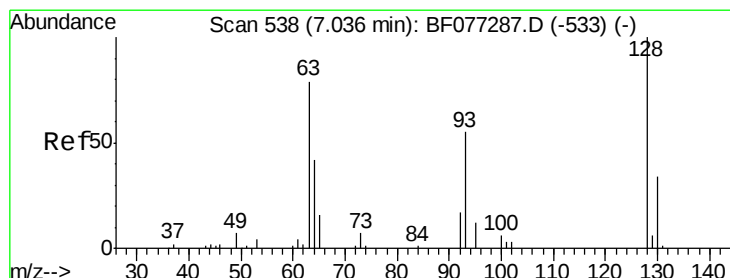
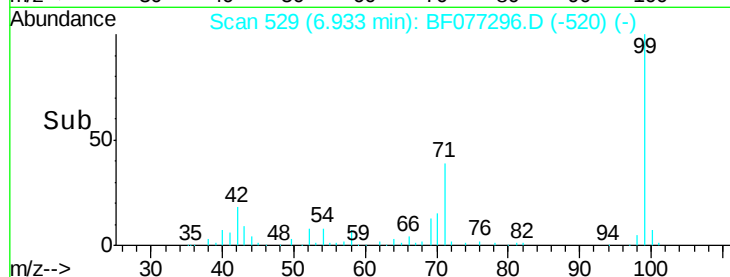
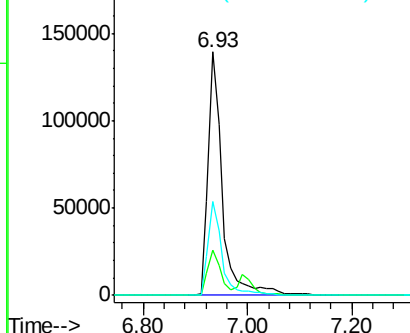
Tot Ion:	99	Resp:	264460
Ion Ratio	Lower	Upper	
99	100		
42	18.4	15.0	22.4
71	38.7	31.8	47.6

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Abundance Ion 99.00 (98.70 to 99.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 44.76 ng

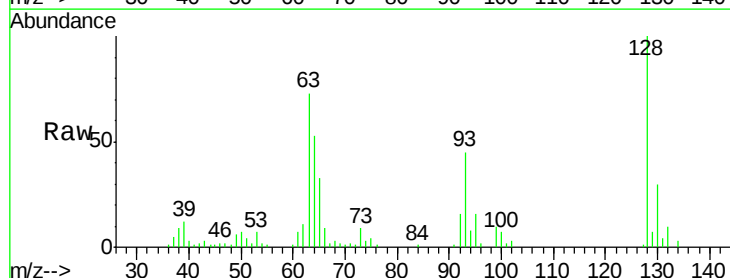
RT: 7.04 min Scan# 538

Delta R.T. 0.00 min

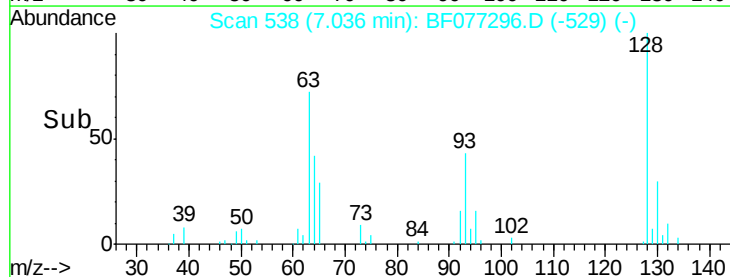
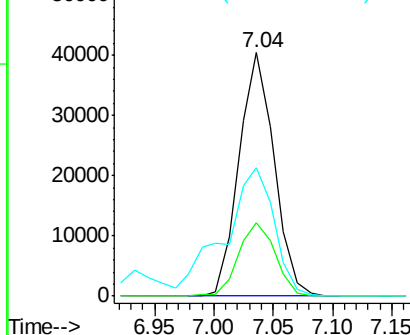
Lab File: BF077296.D

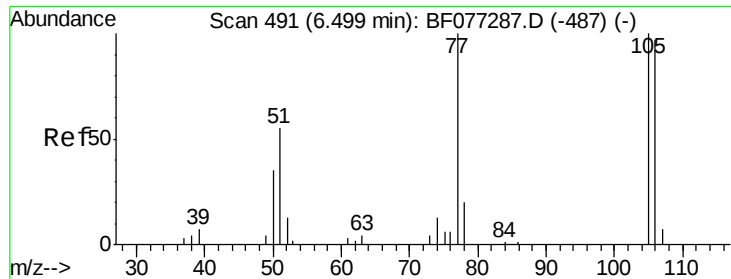
Acq: 12 Feb 2015 22:17

Tgt Ion:	128	Resp:	83304
Ion Ratio	Lower	Upper	
128	100		
130	30.2	14.4	54.4
64	52.9	30.4	70.4



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF0





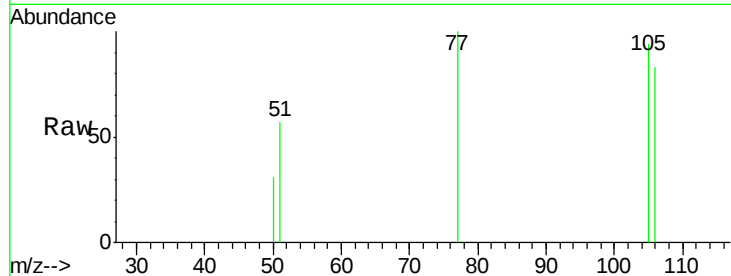
#9
Benzaldehyde
Concen: 3.33 ng/ml
RT: 6.54 min Scan# 495
Delta R.T. 0.05 min
Lab File: BF077296.D
Acq: 12 Feb 2015 22:17

Instrument :
BNA_F
ClientSampleId :
WC-1MS

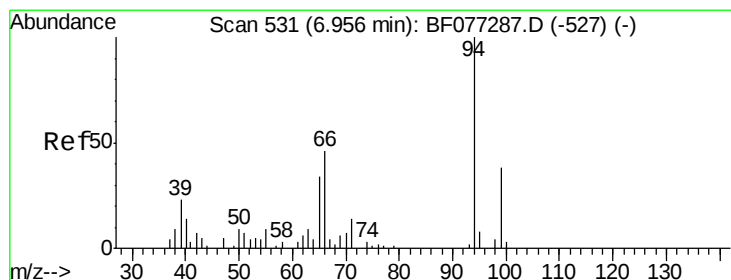
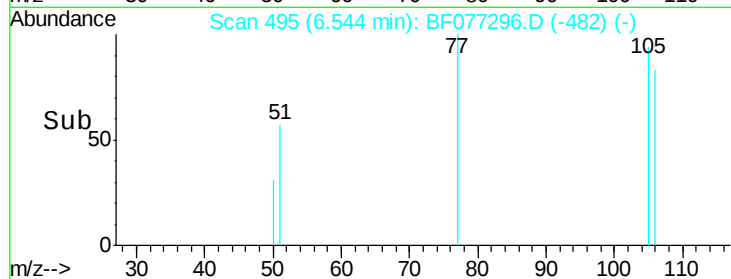
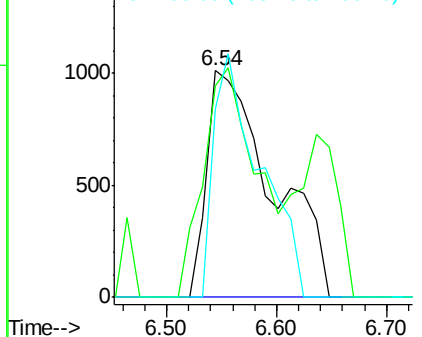
Tot Ion	Ratio	Lower	Upper
77	100		
105	93.6	80.4	120.4
106	83.1	77.5	117.5

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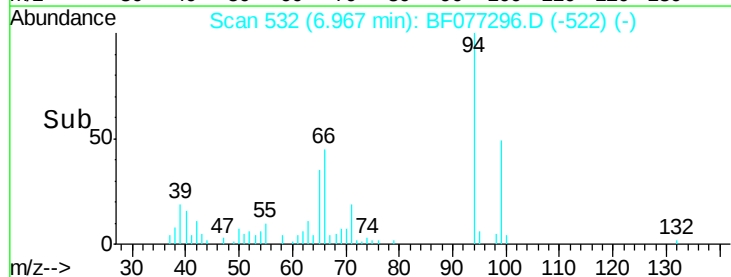
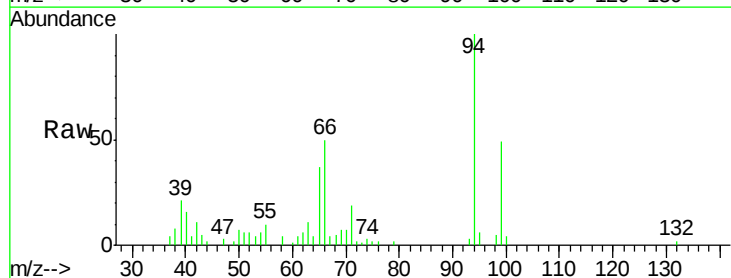
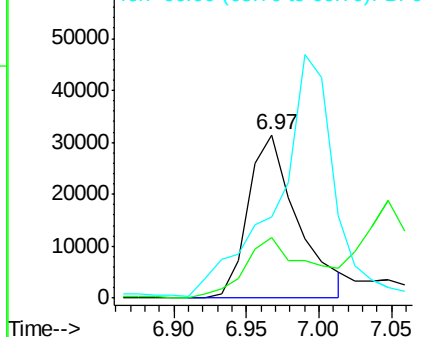
Abundance Ion 77.00 (76.70 to 77.70): BF0
Ion 105.00 (104.70 to 105.70): BF0
Ion 106.00 (105.70 to 106.70): BF0

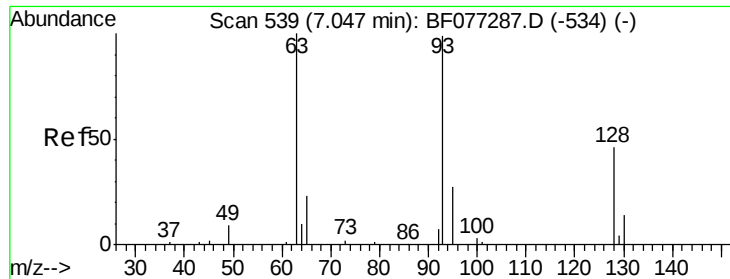


#10
Phenol
Concen: 35.49 ng
RT: 6.97 min Scan# 532
Delta R.T. 0.01 min
Lab File: BF077296.D
Acq: 12 Feb 2015 22:17

Tgt Ion	Ratio	Lower	Upper
94	100		
65	37.3	14.2	54.2
66	49.8	25.7	65.7

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





#11

bis(2-Chloroethyl)ether

Concen: 47.00 ng

RT: 7.05 min Scan# 539

Delta R.T. 0.00 min

Lab File: BF077296.D

Acq: 12 Feb 2015 22:17

Instrument :

BNA_F

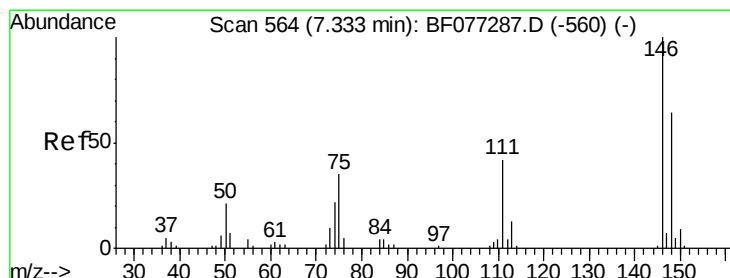
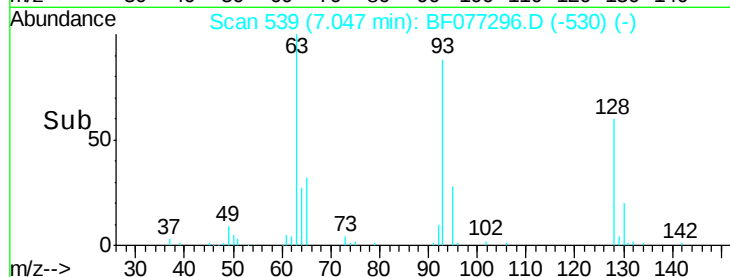
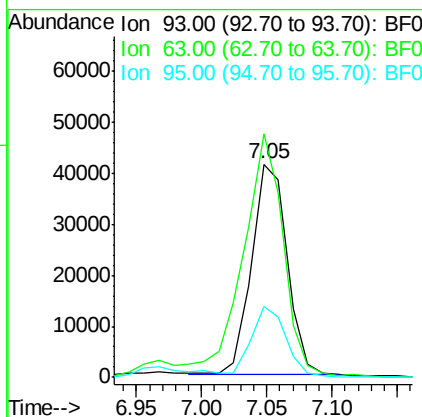
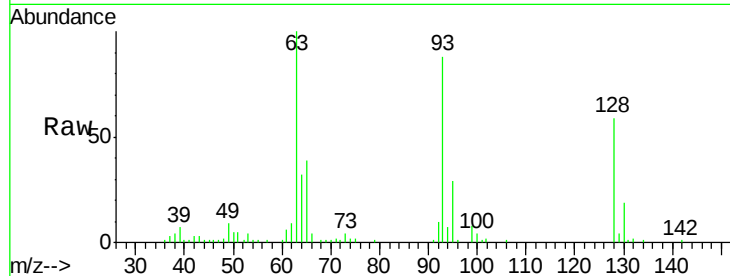
ClientSampled :

WC-1MS

Tot Ion:	93	Resp:	78150
Ion	Ratio	Lower	Upper
93	100		
63	114.1	86.6	126.6
95	33.0	12.0	52.0

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#12

1,3-Dichlorobenzene

Concen: 43.78 ng

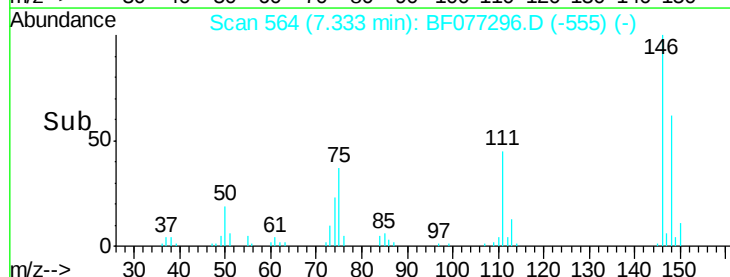
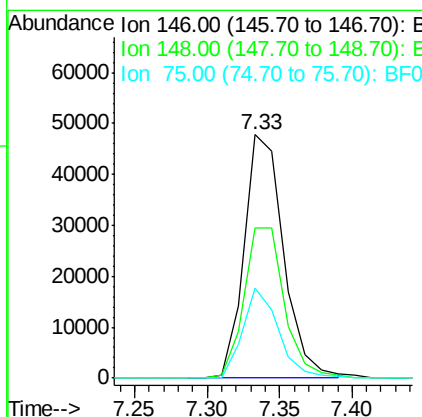
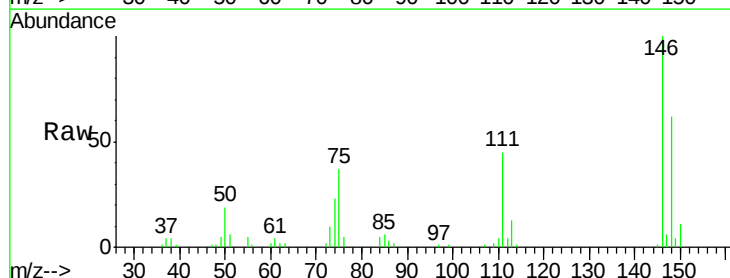
RT: 7.33 min Scan# 564

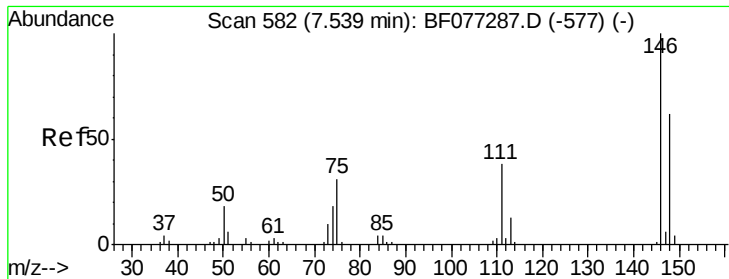
Delta R.T. 0.00 min

Lab File: BF077296.D

Acq: 12 Feb 2015 22:17

Tgt Ion:	146	Resp:	90069
Ion	Ratio	Lower	Upper
146	100		
148	61.8	50.9	76.3
75	36.9	28.1	42.1





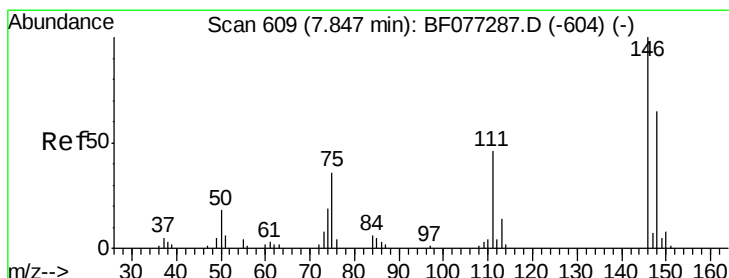
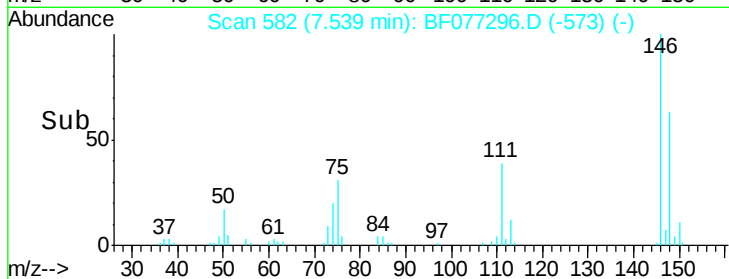
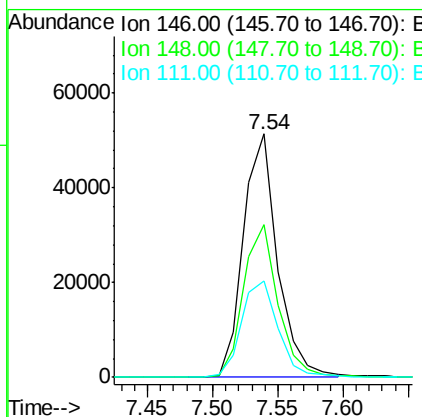
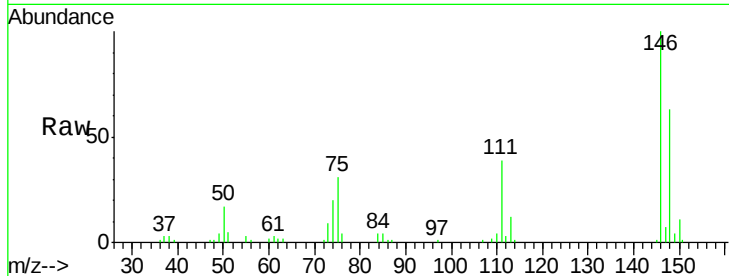
#13
1,4-Dichlorobenzene
Concen: 44.24 ng
RT: 7.54 min Scan# 582
Delta R.T. 0.00 min
Lab File: BF077296.D
Acq: 12 Feb 2015 22:17

Instrument :
BNA_F
ClientSampleId :
WC-1MS

Tot Ion	Ratio	Lower	Upper
146	100		
148	62.7	49.8	74.6
111	39.5	30.2	45.2

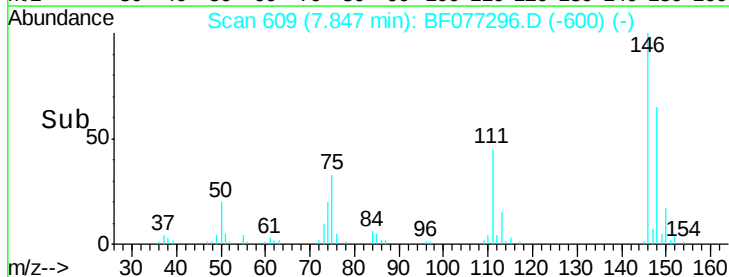
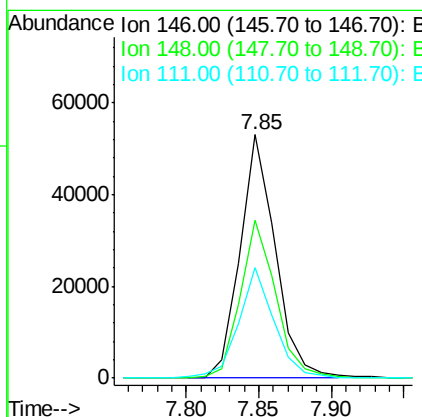
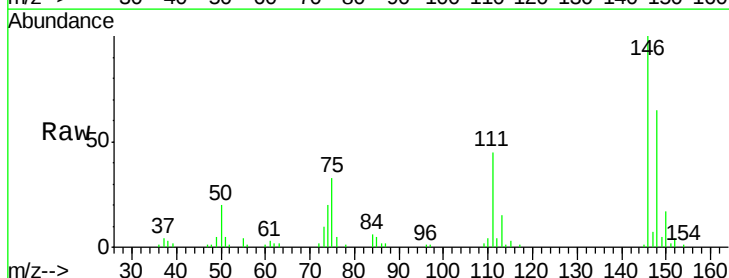
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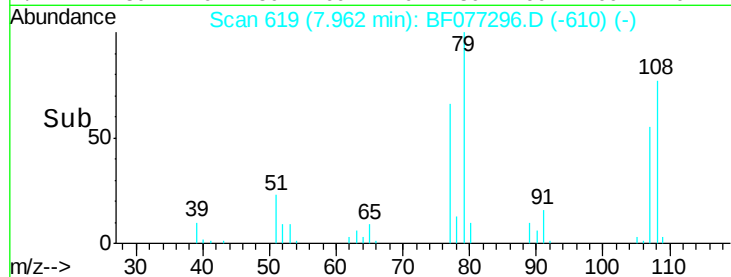
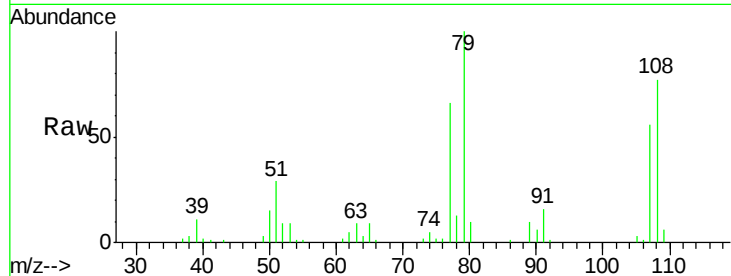
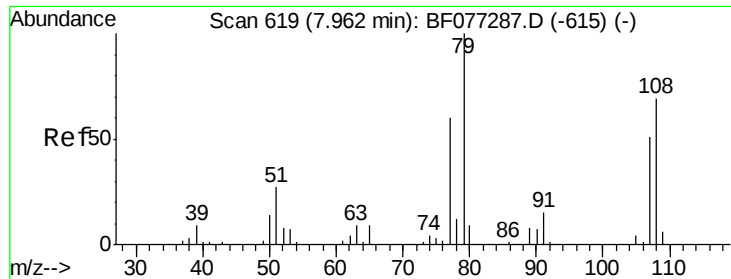
mohammad
2/13/2015 5:40:32 PM



#14
1,2-Dichlorobenzene
Concen: 44.58 ng
RT: 7.85 min Scan# 609
Delta R.T. 0.00 min
Lab File: BF077296.D
Acq: 12 Feb 2015 22:17

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.7	52.0	78.0
111	45.2	37.0	55.4





#15

Benzyl Alcohol

Concen: 46.60 ng

RT: 7.96 min Scan# 619

Delta R.T. 0.00 min

Lab File: BF077296.D

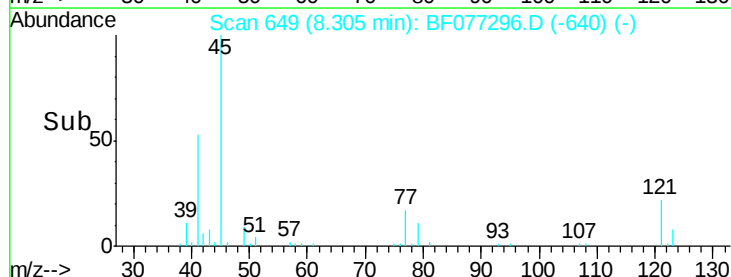
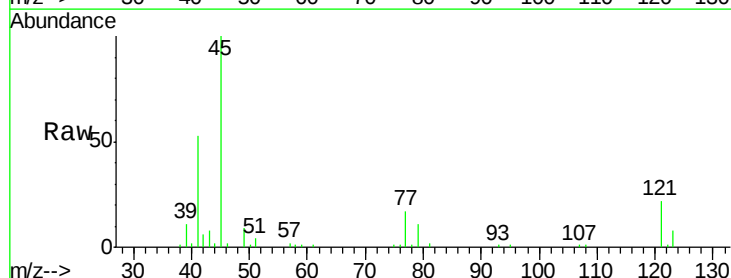
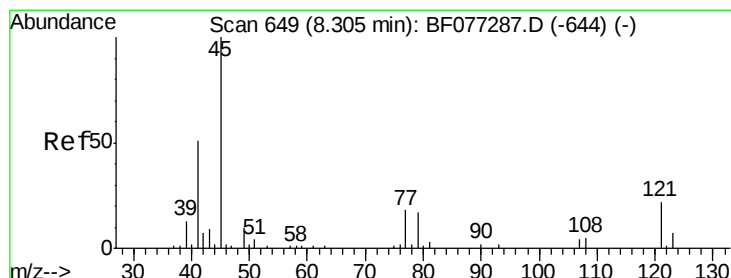
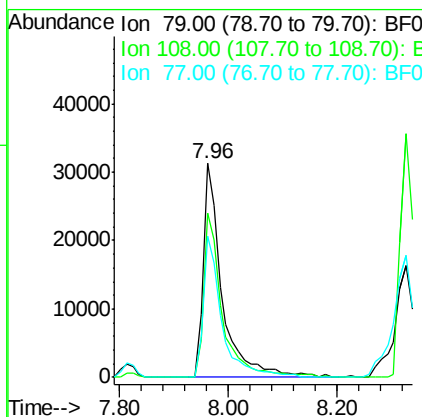
Acq: 12 Feb 2015 22:17

Tot Ion:	79	Resp:	74925
Ion Ratio	Lower	Upper	
79	100		
108	76.7	54.8	82.2
77	65.9	48.0	72.0

Instrument :
BNA_F
ClientSampled :
WC-1MS

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 45.74 ng

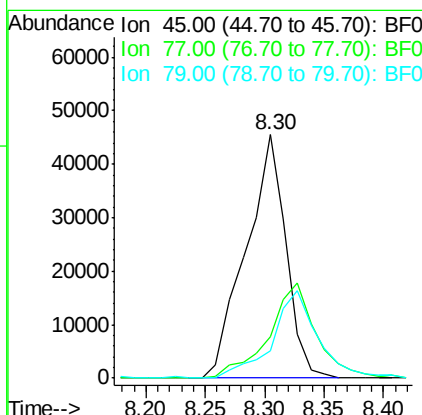
RT: 8.30 min Scan# 649

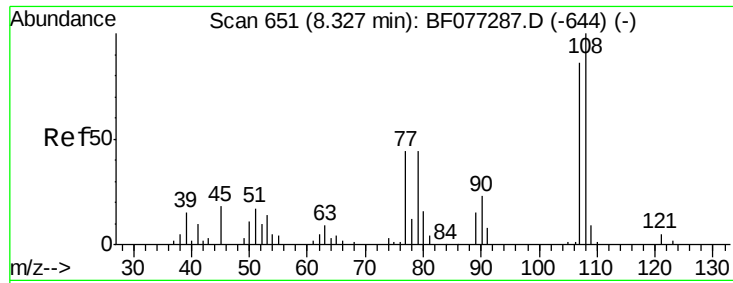
Delta R.T. 0.00 min

Lab File: BF077296.D

Acq: 12 Feb 2015 22:17

Tgt Ion:	45	Resp:	106583
Ion Ratio	Lower	Upper	
45	100		
77	17.0	0.0	38.2
79	11.1	0.0	37.0





#17

2-Methylphenol

Concen: 44.27 ng

RT: 8.33 min Scan# 651

Delta R.T. 0.00 min

Lab File: BF077296.D

Acq: 12 Feb 2015 22:17

Instrument :

BNA_F

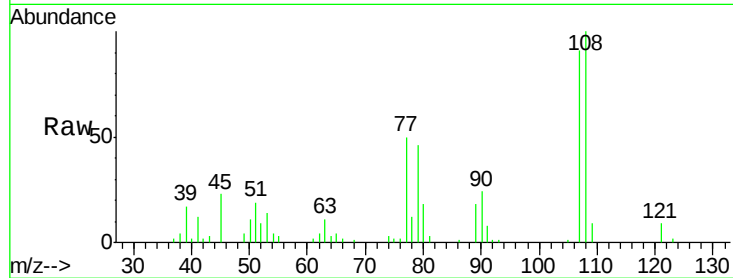
ClientSampleId :

WC-1MS

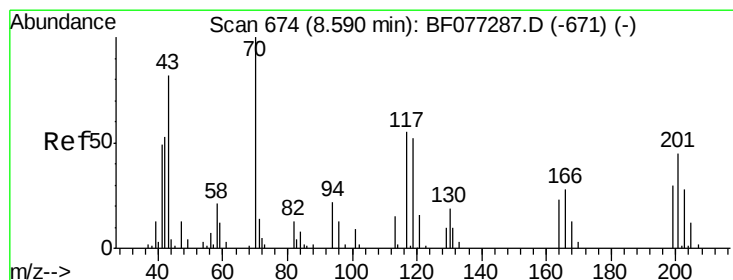
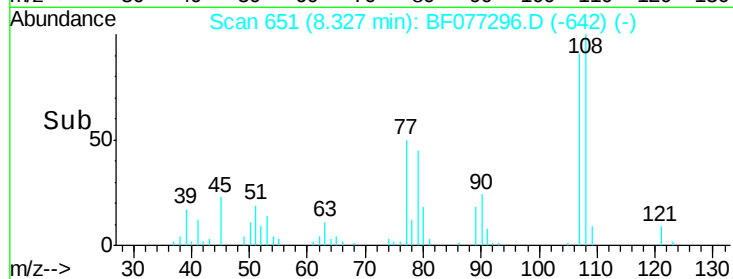
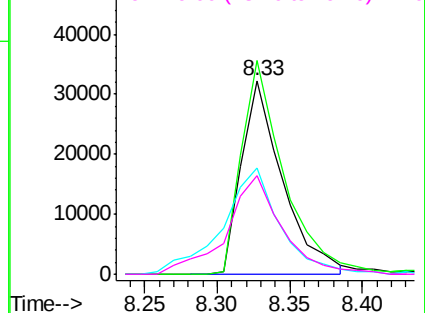
Tot Ion:	107	Resp:	63718
Ion Ratio	Lower	Upper	
107	100		
108	110.3	93.2	139.8
77	55.0	41.3	61.9
79	50.7	40.9	61.3

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Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0



#18

Hexachloroethane

Concen: 45.29 ng

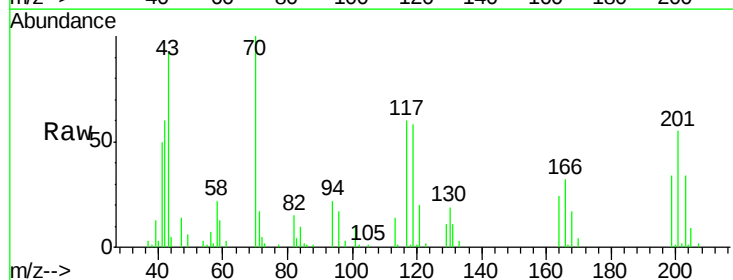
RT: 8.59 min Scan# 674

Delta R.T. 0.00 min

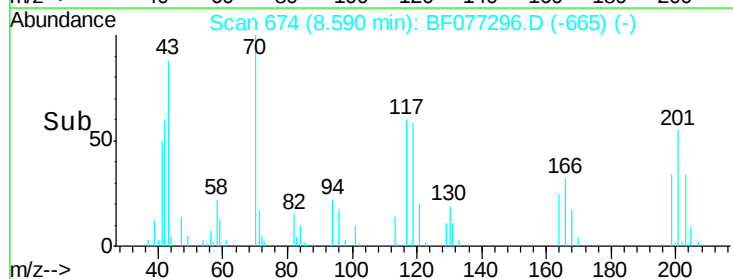
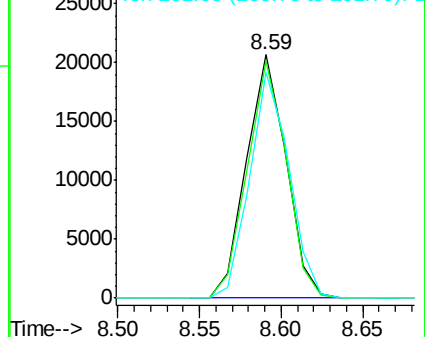
Lab File: BF077296.D

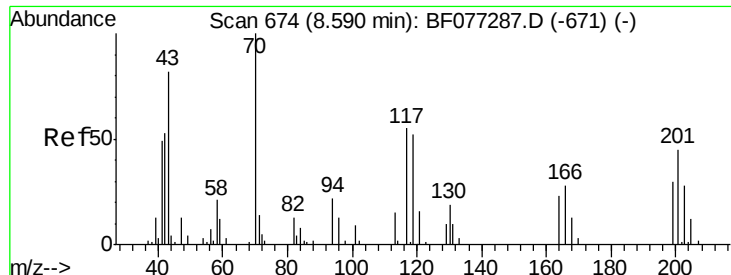
Acq: 12 Feb 2015 22:17

Tgt Ion:	117	Resp:	34899
Ion Ratio	Lower	Upper	
117	100		
119	97.2	75.5	113.3
201	92.5	64.3	96.5



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E





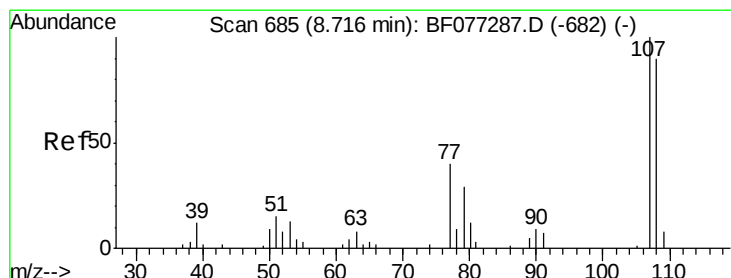
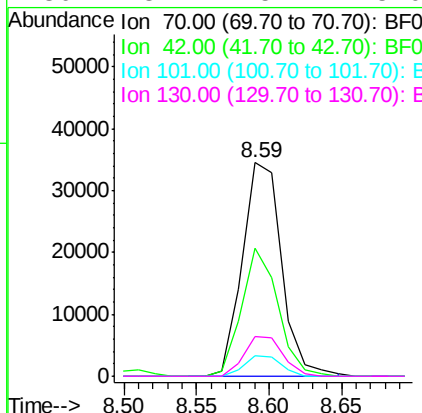
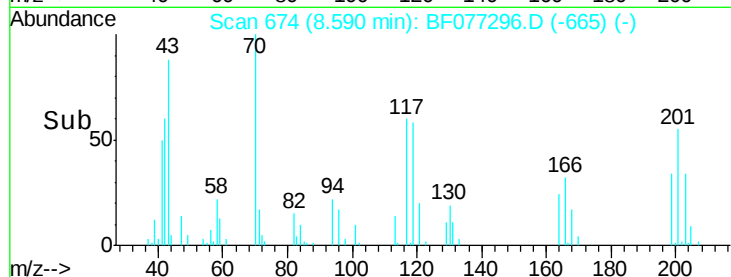
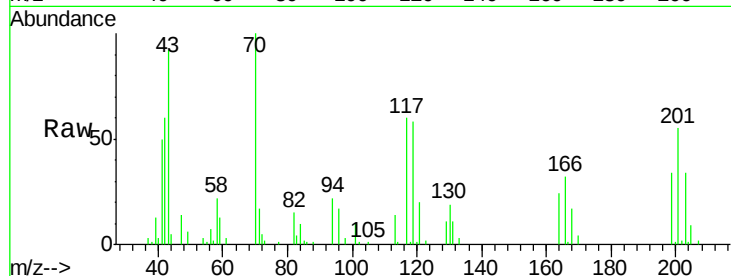
#19
n-Nitroso-di-n-propylamine
Concen: 45.44 ng
RT: 8.59 min Scan# 674
Delta R.T. 0.00 min
Lab File: BF077296.D
Acq: 12 Feb 2015 22:17

Instrument :
BNA_F
ClientSampleId :
WC-1MS

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	60.0	42.8	64.2	
101	9.8	7.4	11.2	
130	18.7	15.4	23.0	

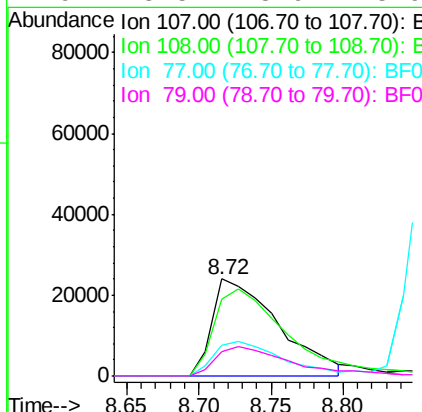
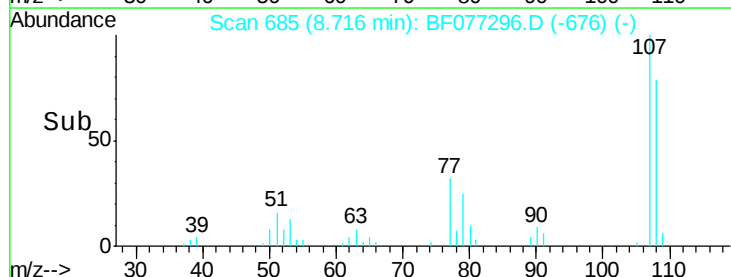
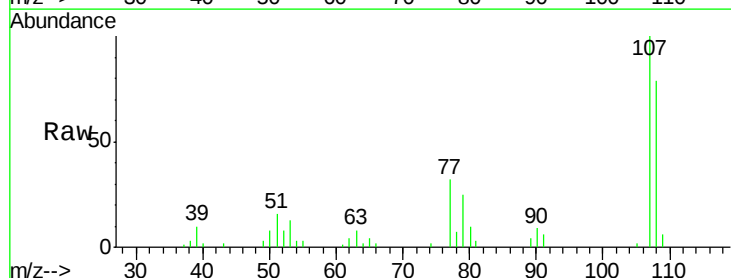
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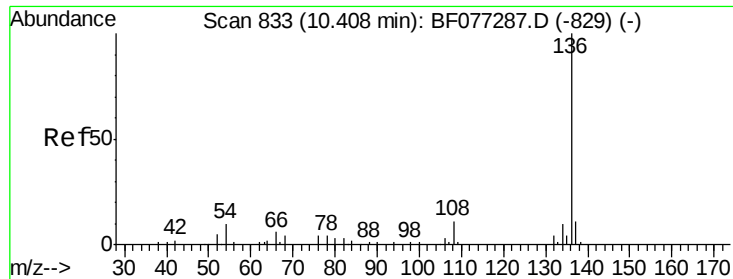
mohammad
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#20
3+4-Methylphenols
Concen: 41.10 ng m
RT: 8.72 min Scan# 685
Delta R.T. 0.00 min
Lab File: BF077296.D
Acq: 12 Feb 2015 22:17

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	79.1	69.7	109.7	
77	31.5	19.5	59.5	
79	25.5	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: BF077296.D

Acq: 12 Feb 2015 22:17

Instrument :

BNA_F

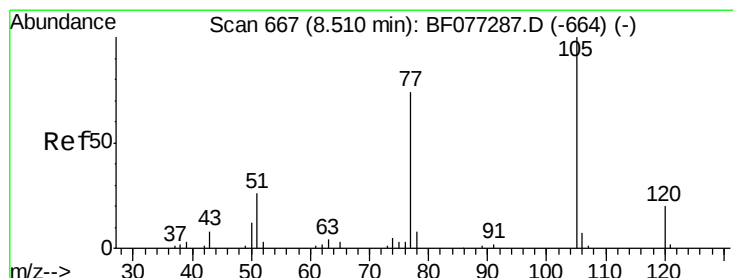
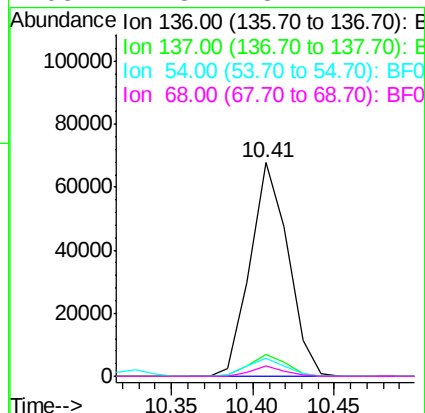
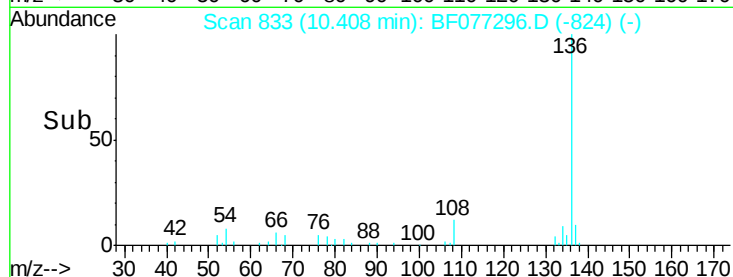
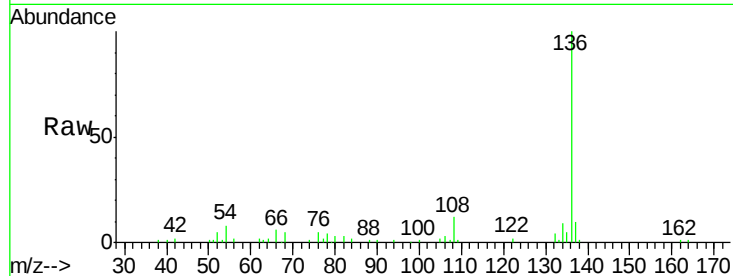
ClientSampled :

WC-1MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		109643		
137	10.1		8.7	13.1	
54	8.4		8.2	12.2	
68	4.8		3.1	4.7#	

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#22

Acetophenone

Concen: 48.72 ng

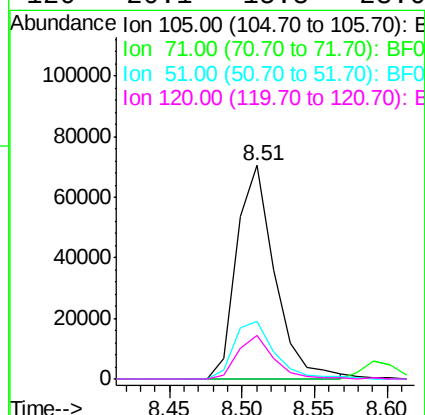
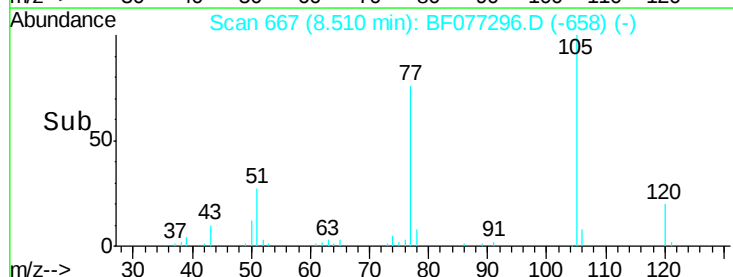
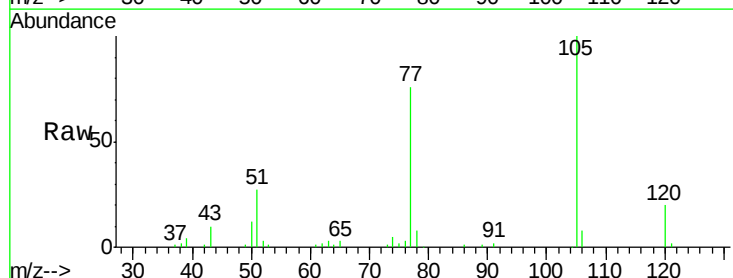
RT: 8.51 min Scan# 667

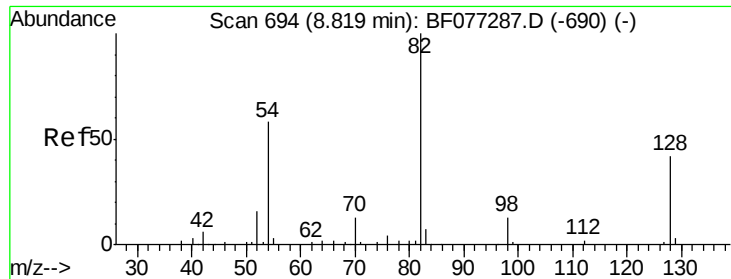
Delta R.T. 0.00 min

Lab File: BF077296.D

Acq: 12 Feb 2015 22:17

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		128295		
71	0.0		0.0	0.0	
51	27.2		21.0	31.6	
120	20.1		15.8	23.6	





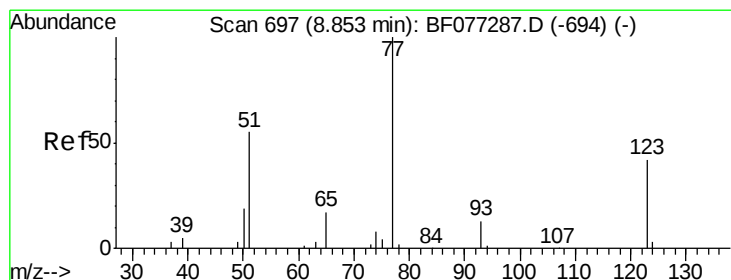
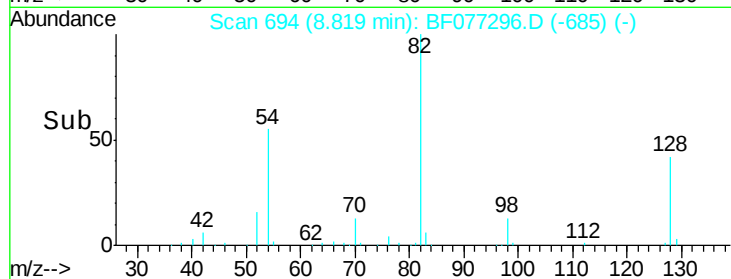
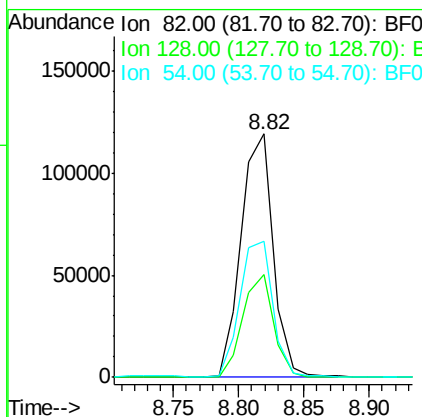
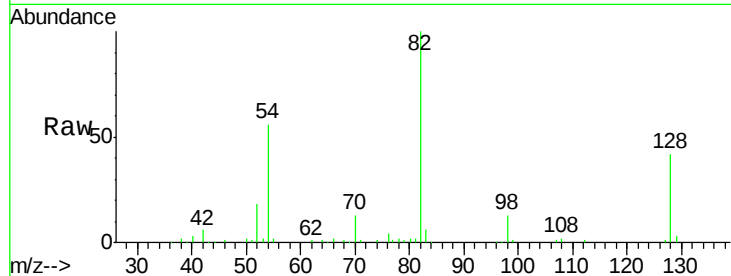
#23
 Nitrobenzene-d5
 Concen: 106.83 ng
 RT: 8.82 min Scan# 694
 Delta R.T. 0.00 min
 Lab File: BF077296.D
 Acq: 12 Feb 2015 22:17

Instrument :
 BNA_F
 ClientSampleId :
 WC-1MS

Tot Ion	82	Resp	205056
Ion Ratio	100	Lower	Upper
128	42.0	33.6	50.4
54	56.1	46.2	69.2

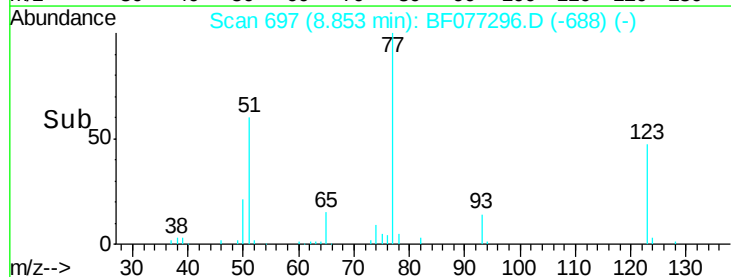
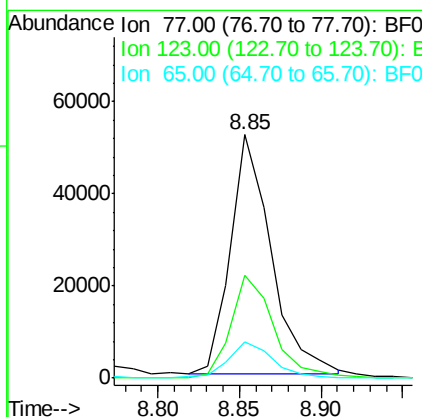
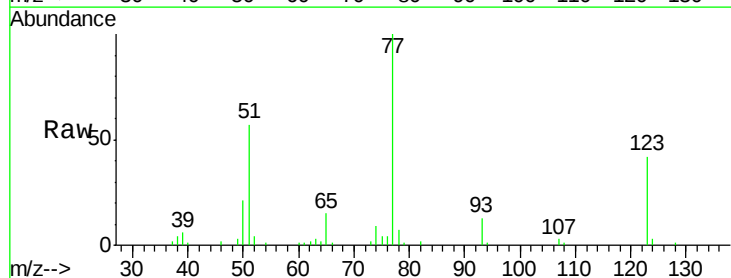
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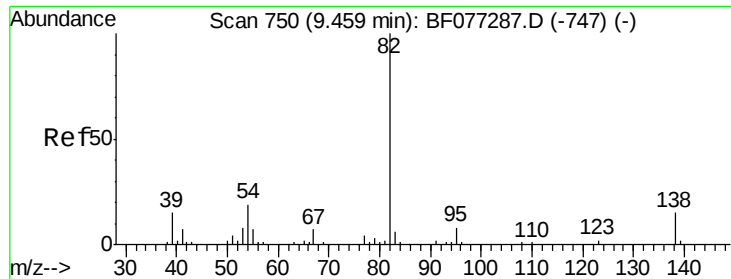
mohammad
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#24
 Nitrobenzene
 Concen: 46.72 ng
 RT: 8.85 min Scan# 697
 Delta R.T. 0.00 min
 Lab File: BF077296.D
 Acq: 12 Feb 2015 22:17

Tgt Ion	77	Resp	88908
Ion Ratio	100	Lower	Upper
123	42.5	33.1	49.7
65	15.1	13.0	19.6





#25

Isophorone

Concen: 49.98 ng

RT: 9.46 min Scan# 750

Delta R.T. 0.00 min

Lab File: BF077296.D

Acq: 12 Feb 2015 22:17

Instrument :

BNA_F

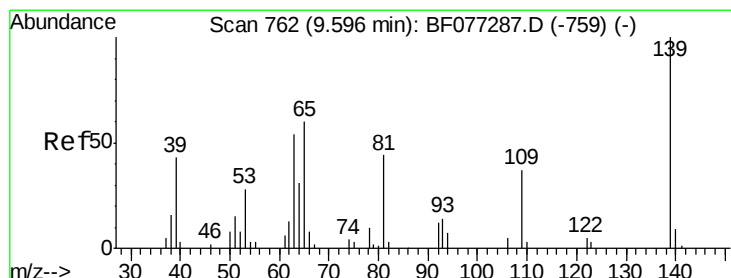
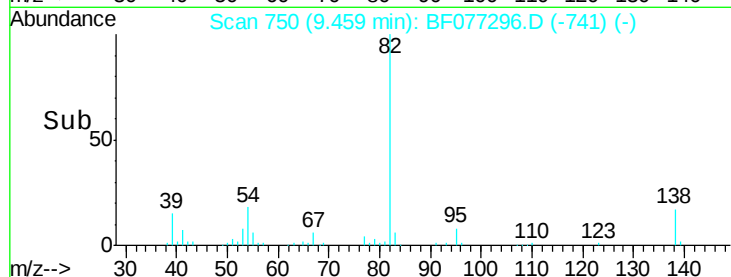
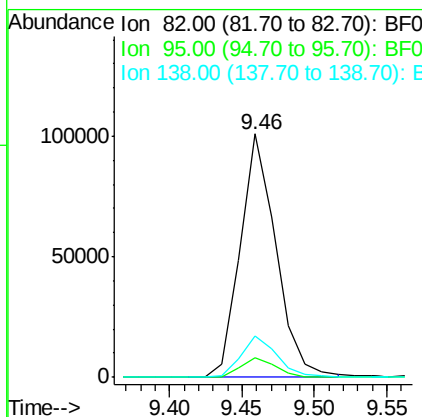
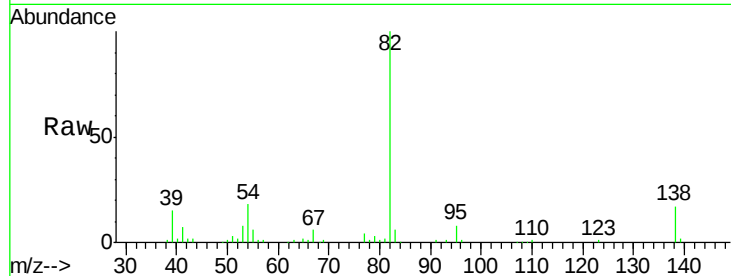
ClientSampleId :

WC-1MS

Tot Ion:	82	Resp:	172900
Ion Ratio		Lower	Upper
82	100		
95	8.0	6.3	9.5
138	16.7	12.1	18.1

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#26

2-Nitrophenol

Concen: 46.16 ng

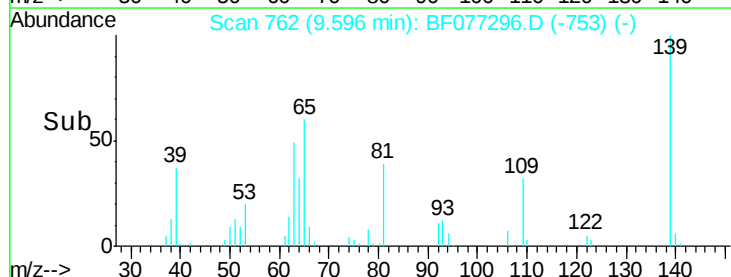
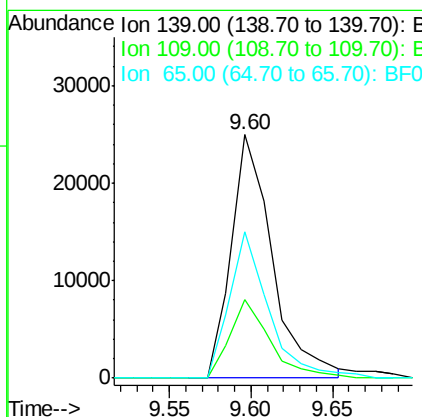
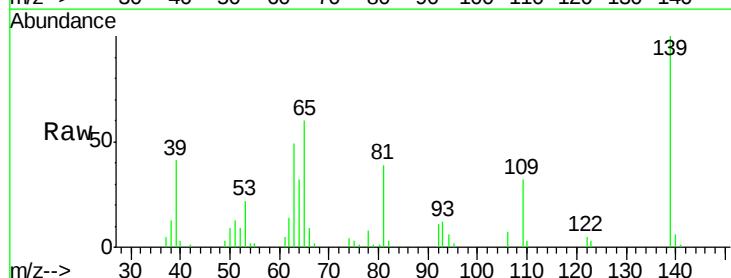
RT: 9.60 min Scan# 762

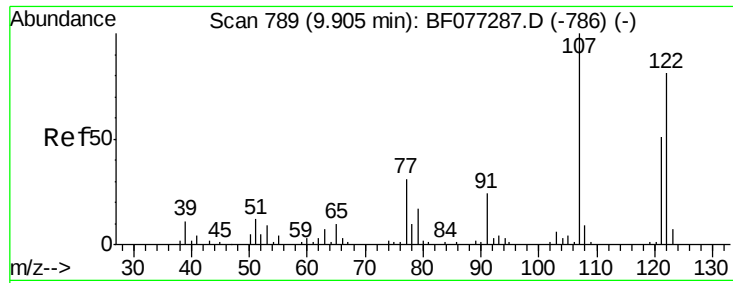
Delta R.T. 0.00 min

Lab File: BF077296.D

Acq: 12 Feb 2015 22:17

Tgt Ion:	139	Resp:	43612
Ion Ratio		Lower	Upper
139	100		
109	32.5	29.4	44.2
65	59.9	47.9	71.9





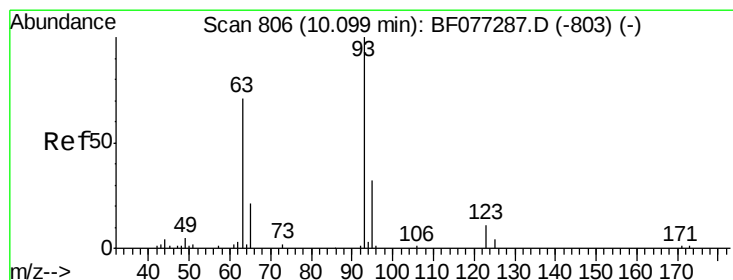
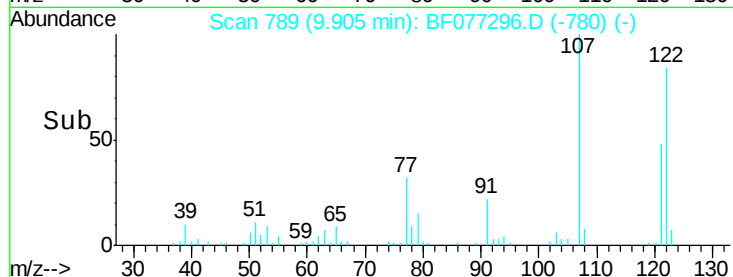
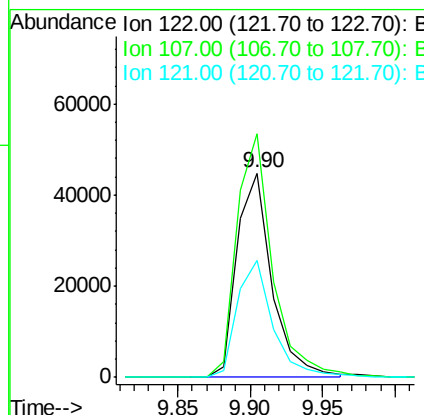
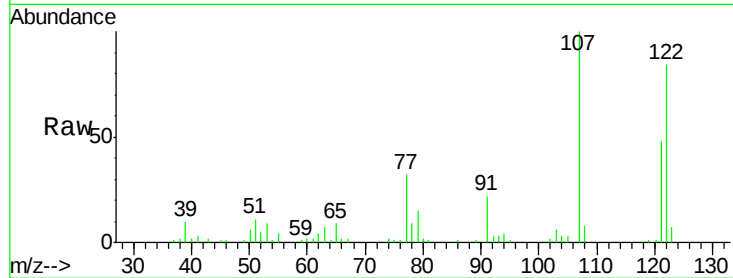
#27
 2,4-Dimethylphenol
 Concen: 48.43 ng
 RT: 9.90 min Scan# 789
 Delta R.T. 0.00 min
 Lab File: BF077296.D
 Acq: 12 Feb 2015 22:17

Instrument :
 BNA_F
 ClientSampleId :
 WC-1MS

Tot Ion	Ratio	Lower	Upper
122	100		
107	119.2	99.1	148.7
121	57.5	50.2	75.2

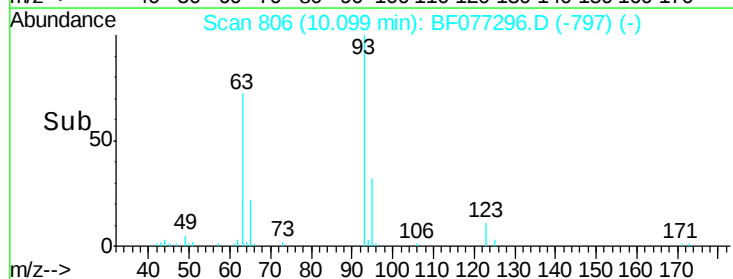
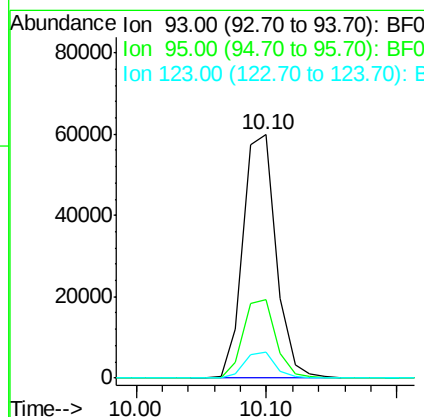
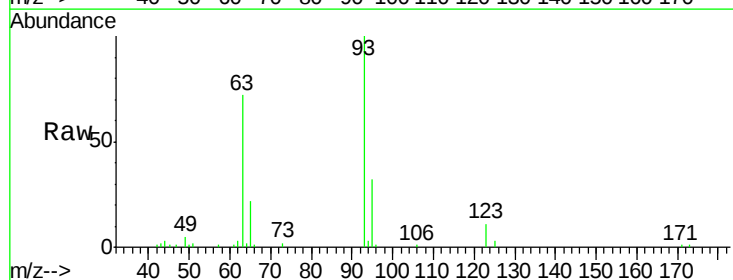
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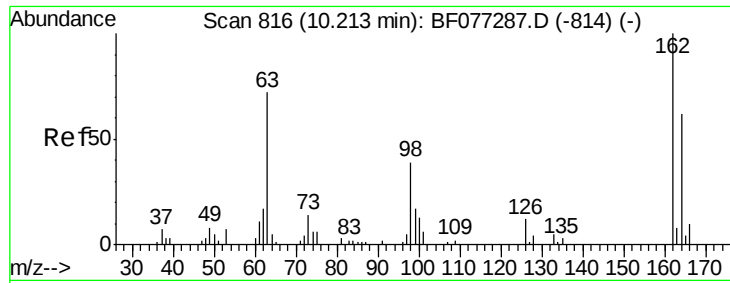
mohammad
 2/13/2015 5:40:32 PM



#28
 bis(2-Chloroethoxy)methane
 Concen: 50.12 ng
 RT: 10.10 min Scan# 806
 Delta R.T. 0.00 min
 Lab File: BF077296.D
 Acq: 12 Feb 2015 22:17

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.4	25.4	38.2
123	10.8	8.5	12.7





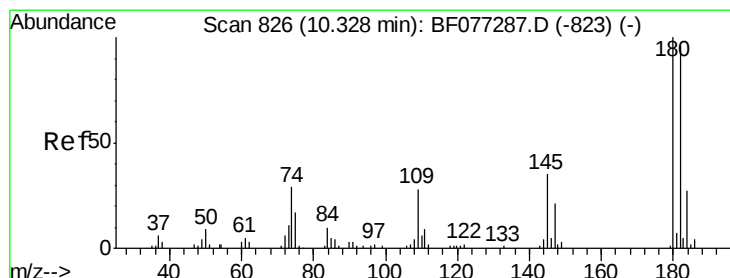
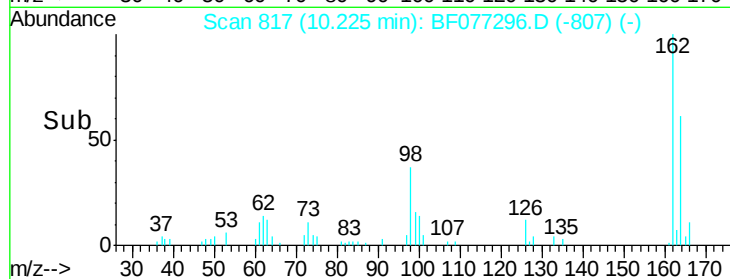
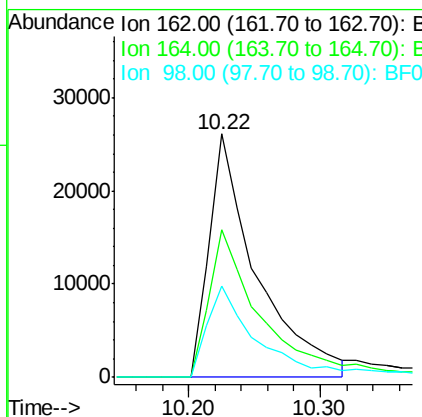
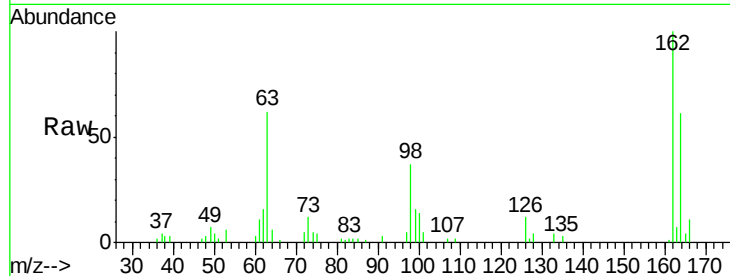
#29
2,4-Dichlorophenol
Concen: 46.08 ng/mL
RT: 10.22 min Scan# 817
Delta R.T. 0.01 min
Lab File: BF077296.D
Acq: 12 Feb 2015 22:17

Instrument :
BNA_F
ClientSampleId :
WC-1MS

Tot Ion:	162	Resp:	65482
Ion Ratio	Lower	Upper	
162	100		
164	60.8	41.9	81.9
98	37.4	19.3	59.3

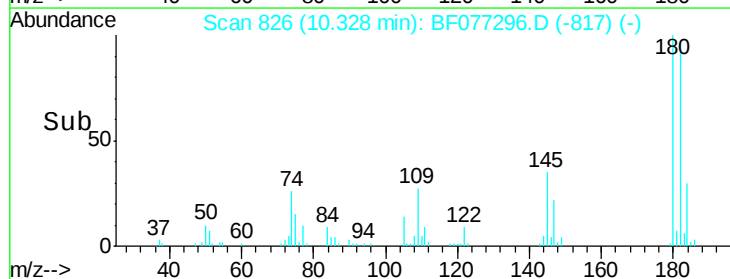
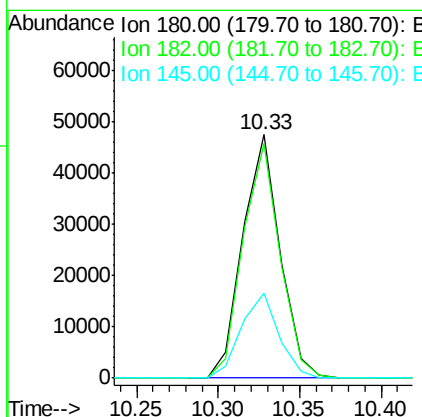
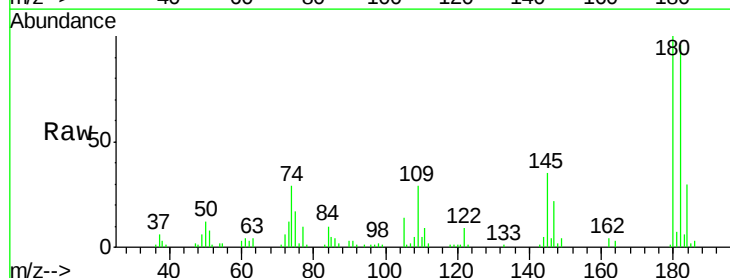
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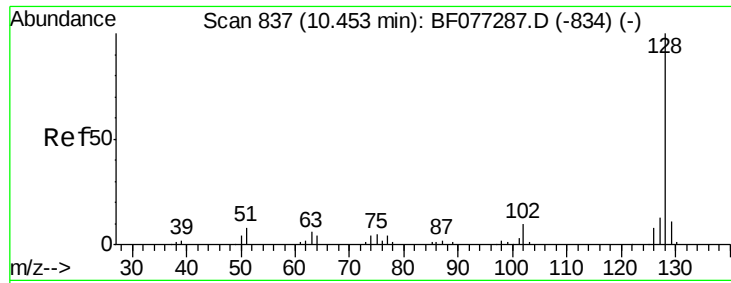
mohammad
2/13/2015 5:40:32 PM



#30
1,2,4-Trichlorobenzene
Concen: 46.92 ng/mL
RT: 10.33 min Scan# 826
Delta R.T. 0.00 min
Lab File: BF077296.D
Acq: 12 Feb 2015 22:17

Tgt Ion:	180	Resp:	75380
Ion Ratio	Lower	Upper	
180	100		
182	96.3	77.0	115.6
145	34.8	27.9	41.9





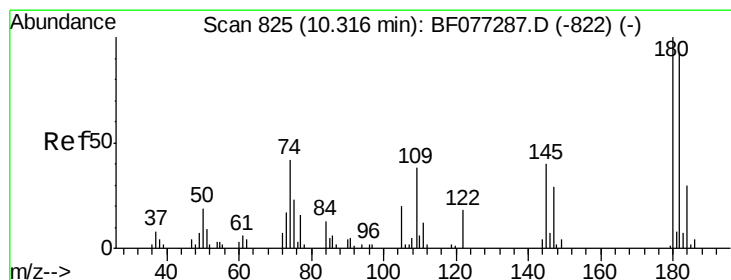
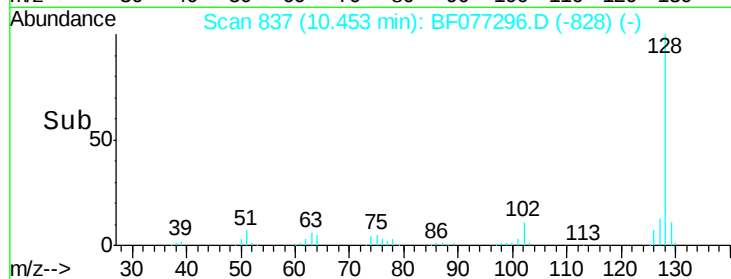
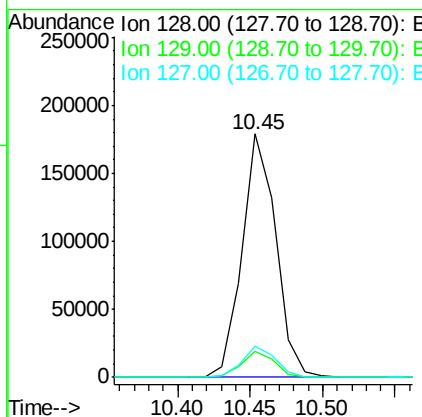
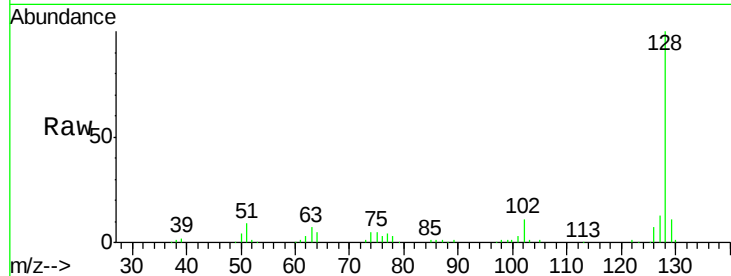
#31
Naphthalene
Concen: 53.27 ng
RT: 10.45 min Scan# 837
Delta R.T. 0.00 min
Lab File: BF077296.D
Acq: 12 Feb 2015 22:17

Instrument :
BNA_F
ClientSampleId :
WC-1MS

Tot Ion	Ratio	Resp	Lower	Upper
128	100	288291		
129	10.7		9.0	13.6
127	12.9		10.4	15.6

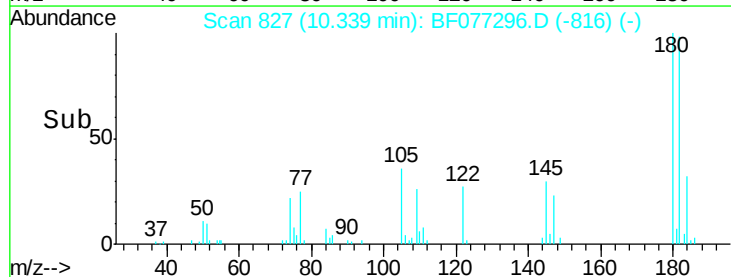
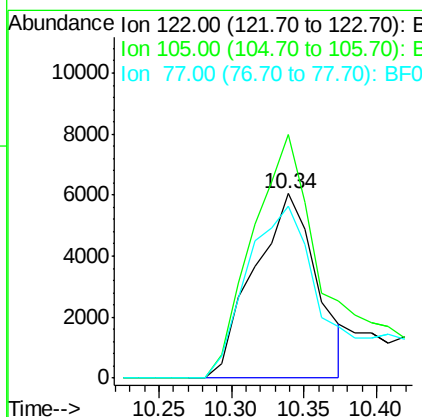
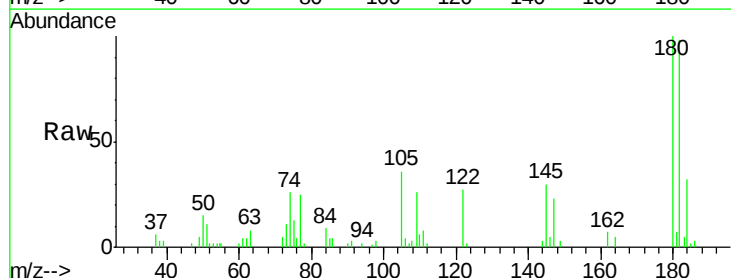
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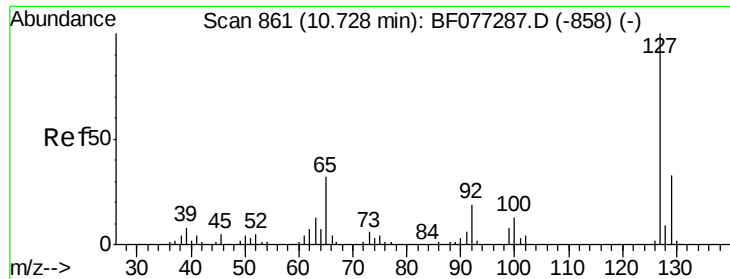
mohammad
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#32
Benzoic acid
Concen: 63.12 ng
RT: 10.34 min Scan# 827
Delta R.T. 0.02 min
Lab File: BF077296.D
Acq: 12 Feb 2015 22:17

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	18094		
105	131.9		93.4	133.4
77	92.9		72.6	112.6





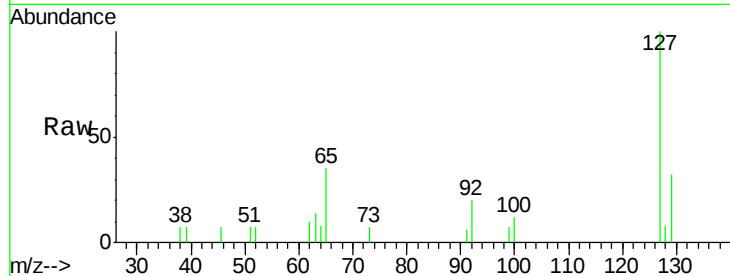
#33
4-Chloroaniline
Concen: 10.67 ng/ml
RT: 10.75 min Scan# 863
Delta R.T. 0.02 min
Lab File: BF077296.D
Acq: 12 Feb 2015 22:17

Instrument :
BNA_F
ClientSampleId :
WC-1MS

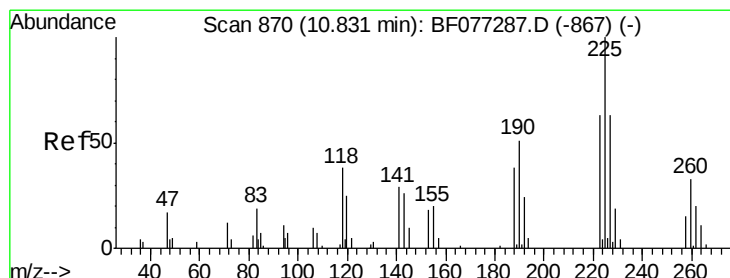
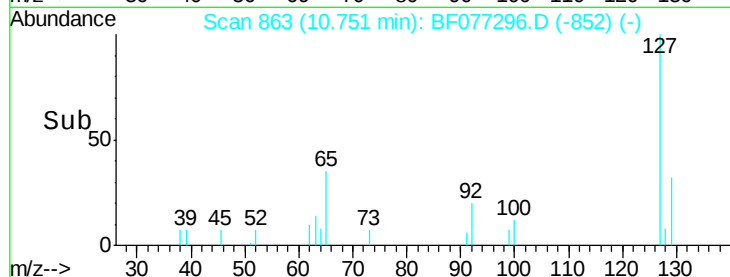
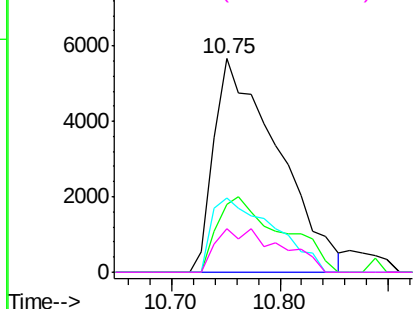
Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100		23305		
129	31.9	26.0	39.0		
65	34.8	25.6	38.4		
92	20.2	15.1	22.7		

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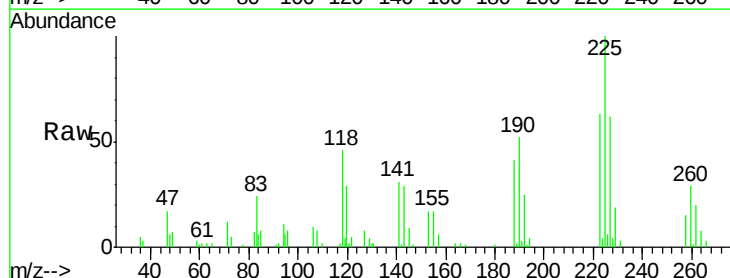


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

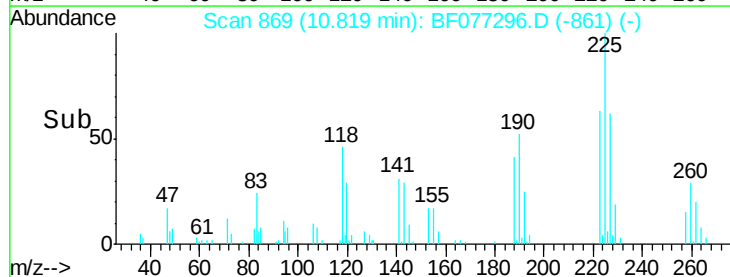
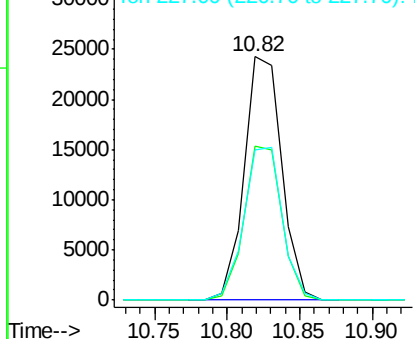


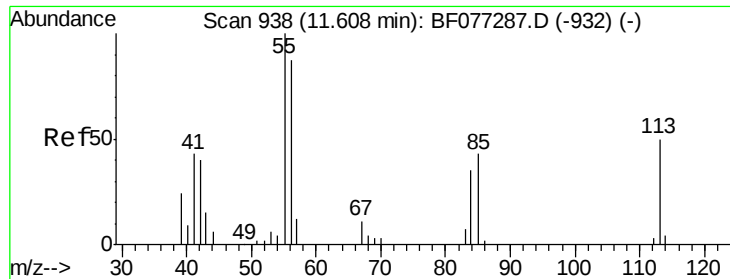
#34
Hexachlorobutadiene
Concen: 47.76 ng/ml
RT: 10.82 min Scan# 869
Delta R.T. -0.01 min
Lab File: BF077296.D
Acq: 12 Feb 2015 22:17

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100		43590		
223	63.2	50.2	75.4		
227	61.6	50.2	75.2		



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E





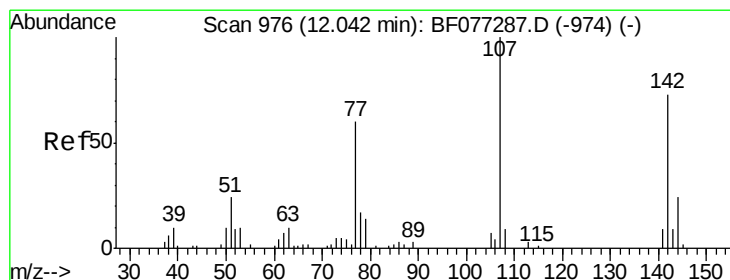
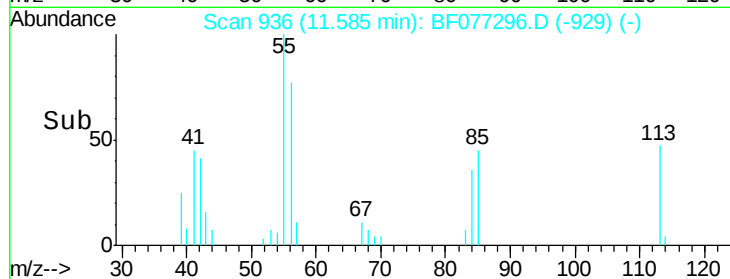
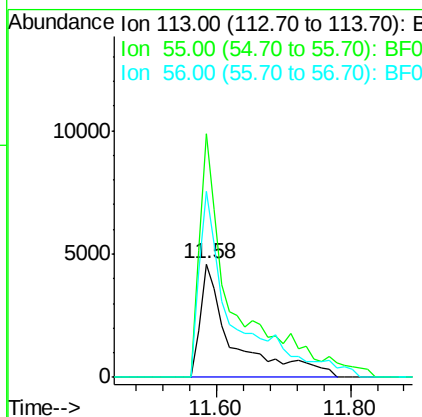
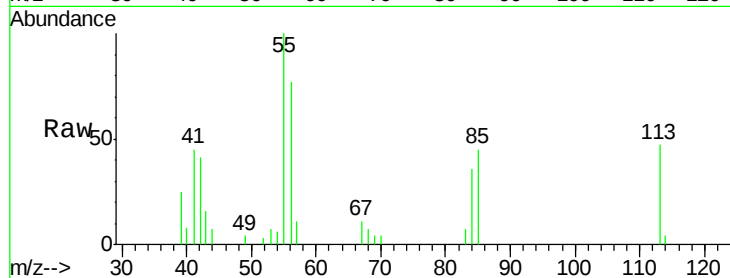
#35
 Caprolactam
 Concen: 36.49 ng/ml
 RT: 11.58 min Scan# 936
 Delta R.T. -0.02 min
 Lab File: BF077296.D
 Acq: 12 Feb 2015 22:17

Instrument :
 BNA_F
 ClientSampleId :
 WC-1MS

Tot Ion	Ratio	Lower	Upper
113	100		
55	215.0	178.4	218.4
56	164.7	152.8	192.8

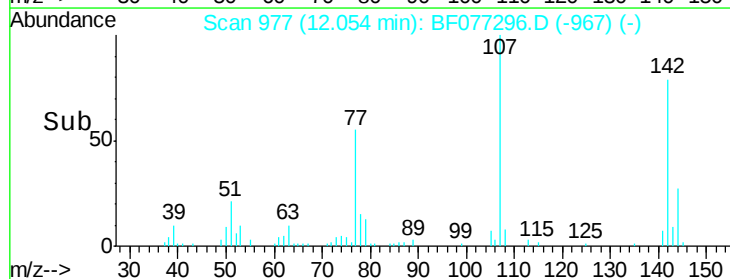
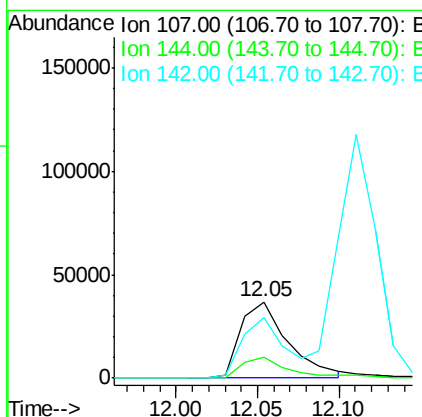
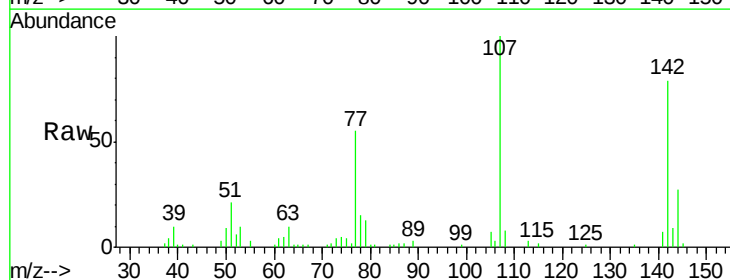
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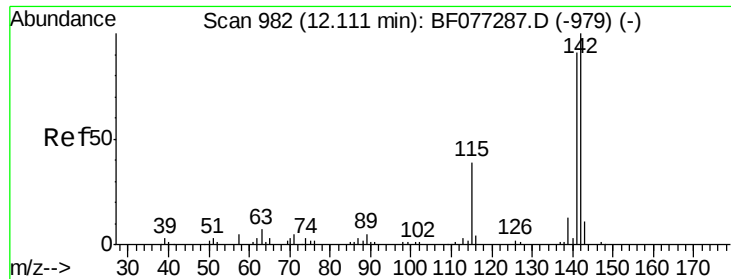
mohammad
 2/13/2015 5:40:32 PM



#36
 4-Chloro-3-methylphenol
 Concen: 47.30 ng
 RT: 12.05 min Scan# 977
 Delta R.T. 0.01 min
 Lab File: BF077296.D
 Acq: 12 Feb 2015 22:17

Tgt Ion	Ratio	Lower	Upper
107	100		
144	27.5	19.2	28.8
142	79.3	58.6	88.0





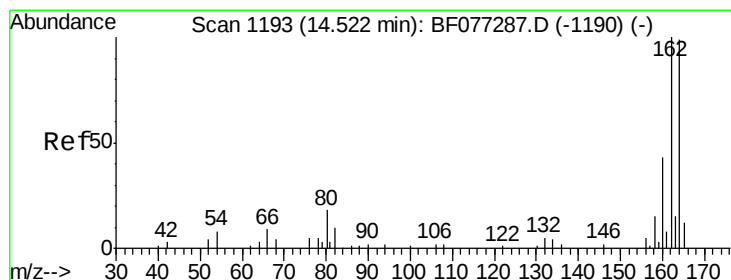
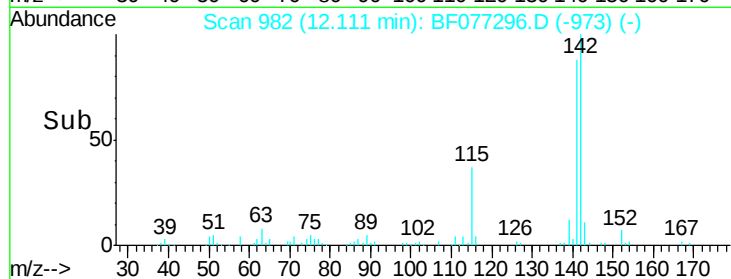
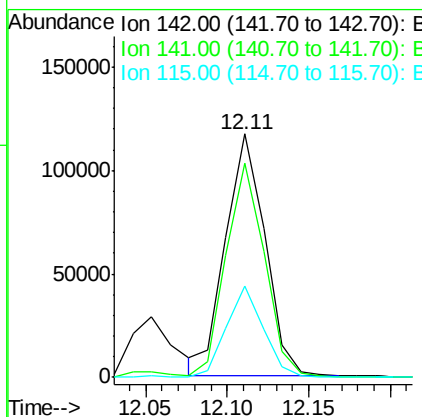
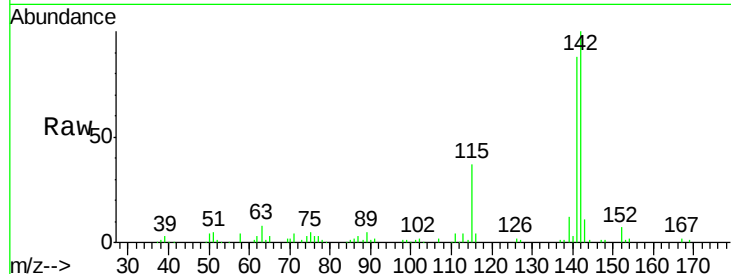
#37
2-Methylnaphthalene
Concen: 48.02 ng
RT: 12.11 min Scan# 982
Delta R.T. 0.00 min
Lab File: BF077296.D
Acq: 12 Feb 2015 22:17

Instrument :
BNA_F
ClientSampleId :
WC-1MS

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.1	69.8	104.6
115	37.4	29.5	44.3

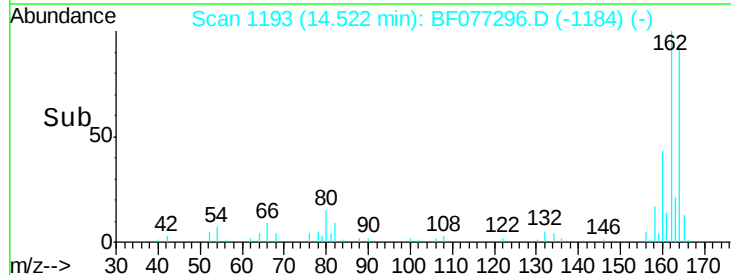
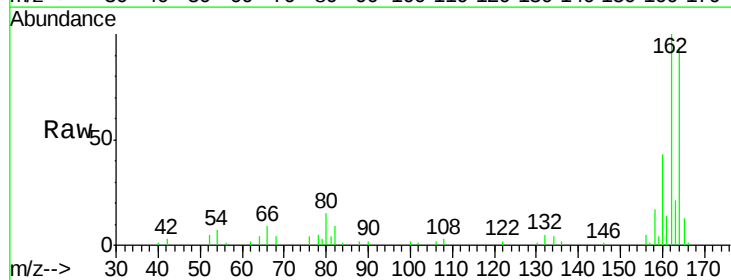
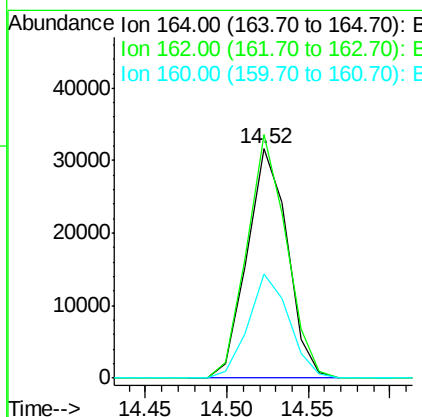
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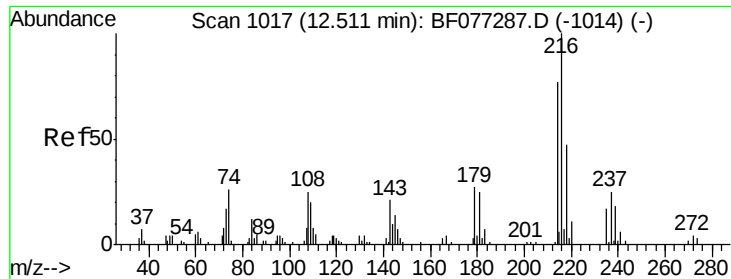
mohammad
2/13/2015 5:40:32 PM



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.52 min Scan# 1193
Delta R.T. 0.00 min
Lab File: BF077296.D
Acq: 12 Feb 2015 22:17

Tgt Ion	Ratio	Lower	Upper
164	100		
162	106.1	81.0	121.4
160	45.2	35.2	52.8





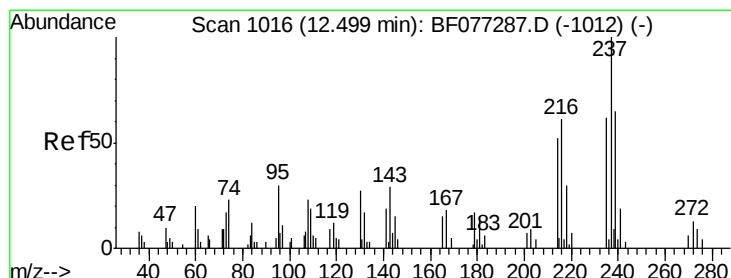
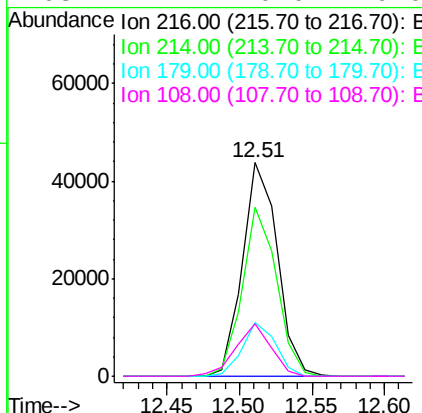
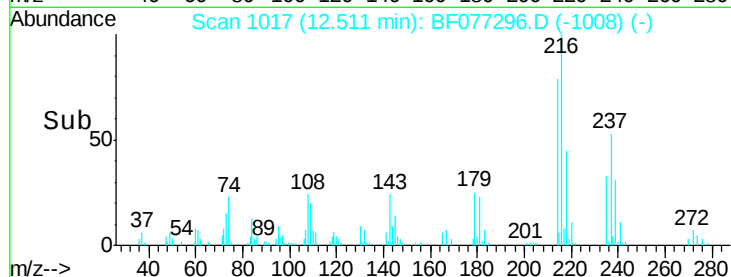
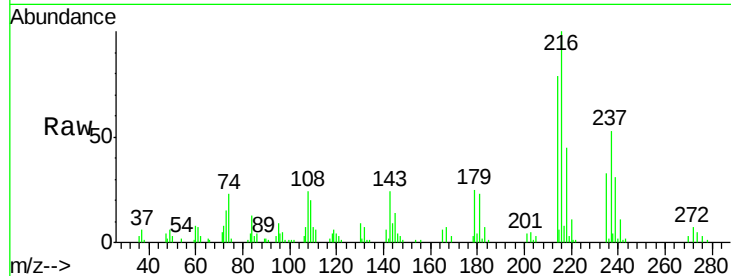
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 53.71 ng
 RT: 12.51 min Scan# 1017
 Delta R.T. 0.00 min
 Lab File: BF077296.D
 Acq: 12 Feb 2015 22:17

Instrument :
 BNA_F
 ClientSampleId :
 WC-1MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
216	100				
214	77.7	0.0	0.0		
179	24.2	0.0	0.0		
108	24.7	0.0	0.0		

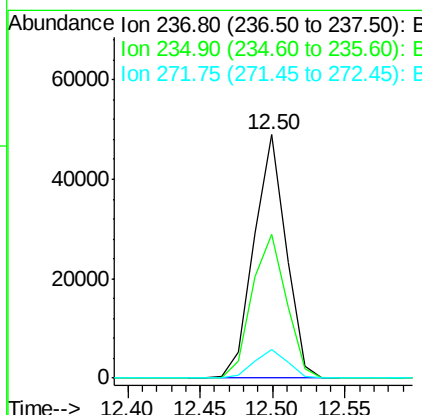
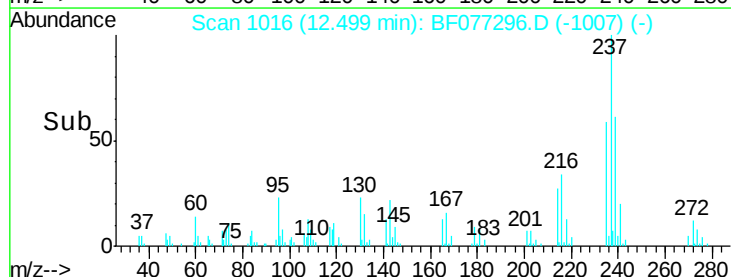
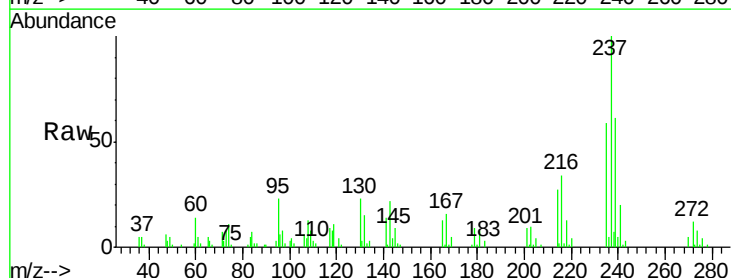
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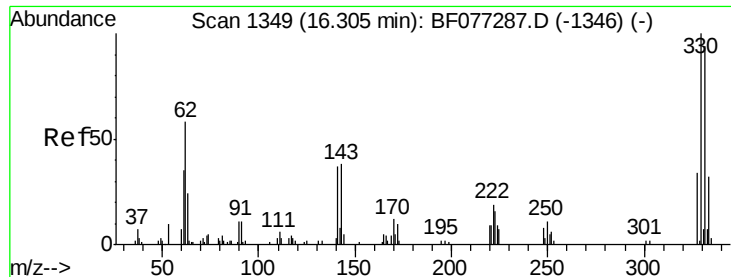
mohammad
 2/13/2015 5:40:32 PM



#40
 Hexachlorocyclopentadiene
 Concen: 108.21 ng
 RT: 12.50 min Scan# 1016
 Delta R.T. 0.00 min
 Lab File: BF077296.D
 Acq: 12 Feb 2015 22:17

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
237	100				
235	59.0	42.0	82.0		
272	11.7	0.0	33.3		





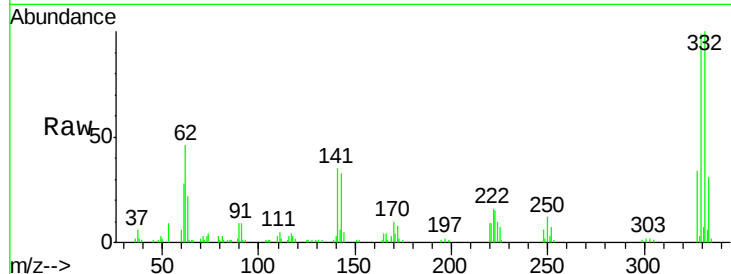
#41
 2,4,6-Tribromophenol
 Concen: 178.30 ng
 RT: 16.31 min Scan# 1349
 Delta R.T. 0.00 min
 Lab File: BF077296.D
 Acq: 12 Feb 2015 22:17

Instrument :
 BNA_F
 ClientSampled :
 WC-1MS

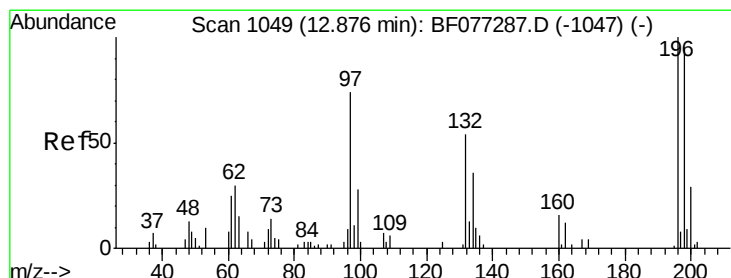
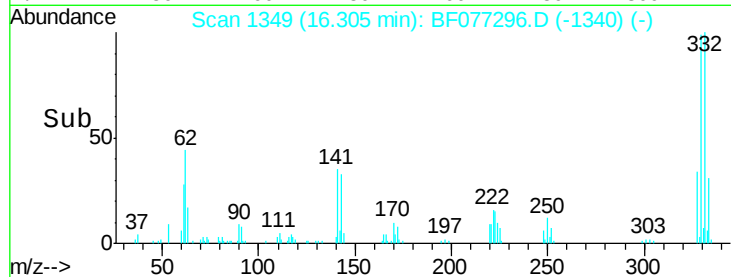
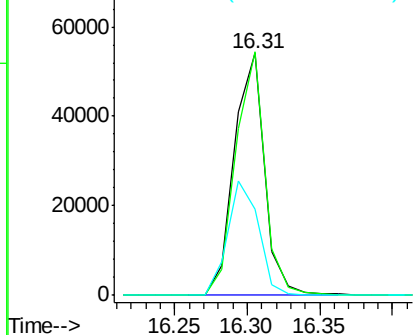
Tot Ion	Ratio	Resp	Lower	Upper
330	100			
332	96.3	0.0	0.0	0.0
141	48.0	0.0	0.0	0.0

Manual Integrations
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mohammad
 2/13/2015 5:40:32 PM



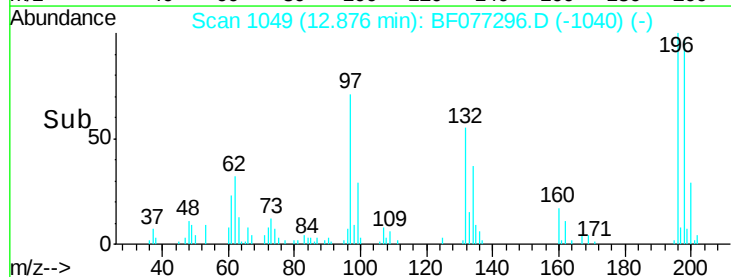
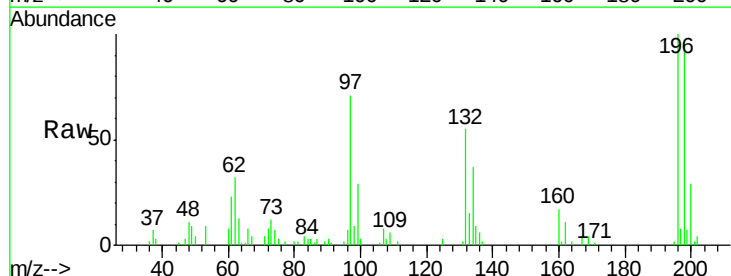
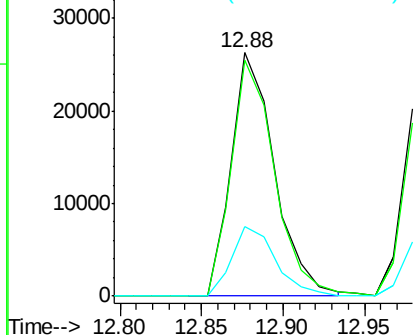
Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

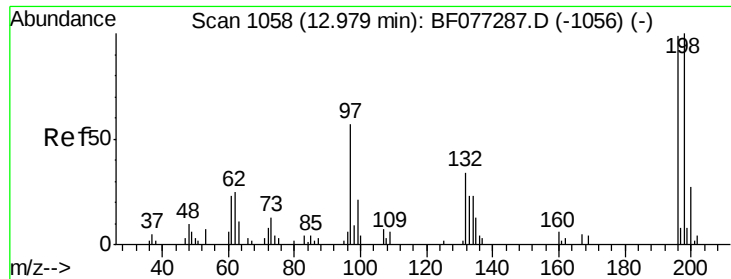


#42
 2,4,6-Trichlorophenol
 Concen: 53.76 ng
 RT: 12.88 min Scan# 1049
 Delta R.T. 0.00 min
 Lab File: BF077296.D
 Acq: 12 Feb 2015 22:17

Tgt Ion	Ratio	Resp	Lower	Upper
196	100			
198	96.9	75.8	113.8	
200	28.6	23.3	34.9	

Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E





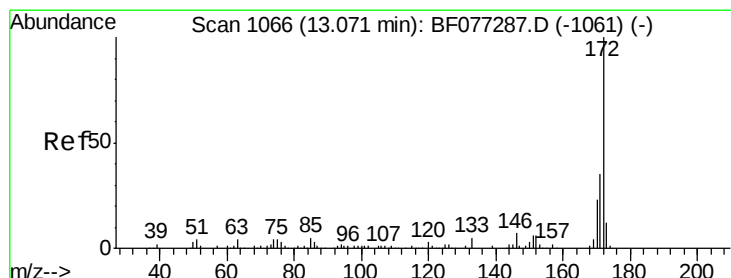
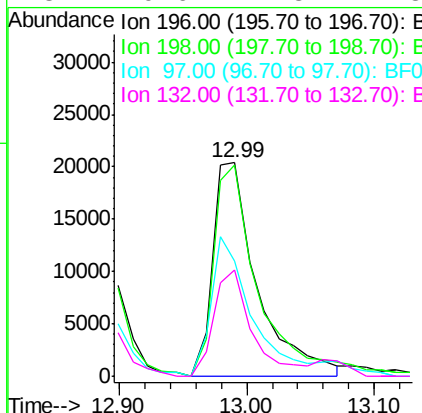
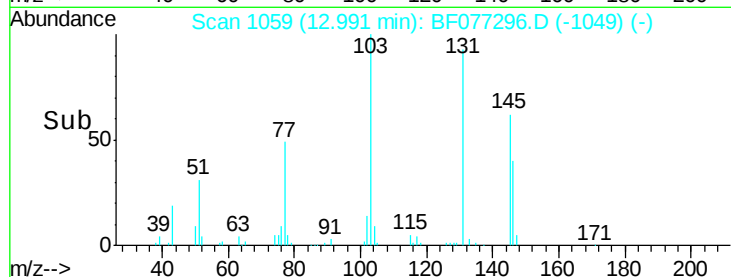
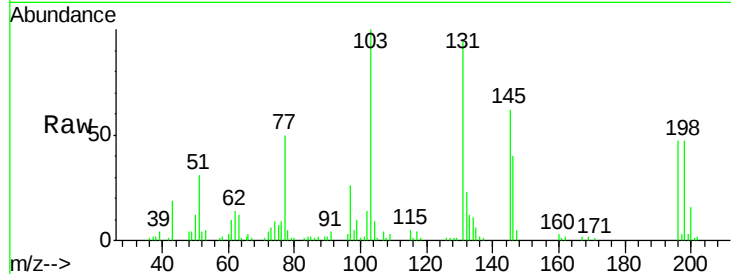
#43
 2,4,5-Trichlorophenol
 Concen: 56.79 ng/mL
 RT: 12.99 min Scan# 1059
 Delta R.T. 0.01 min
 Lab File: BF077296.D
 Acq: 12 Feb 2015 22:17

Instrument :
 BNA_F
 ClientSampleID :
 WC-1MS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	50053		
198	98.8	82.6	123.8	
97	54.0	47.3	70.9	
132	49.6	27.8	41.8	

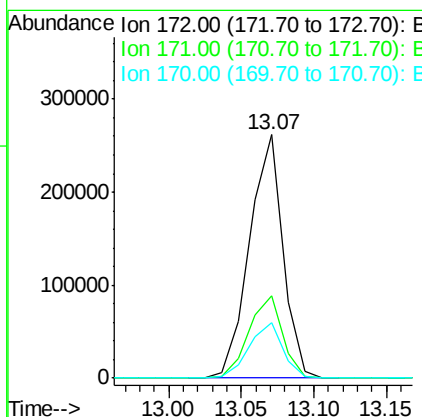
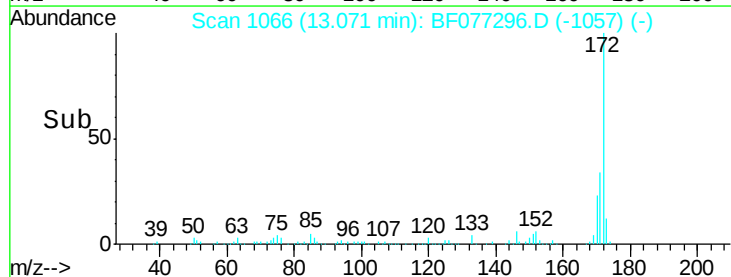
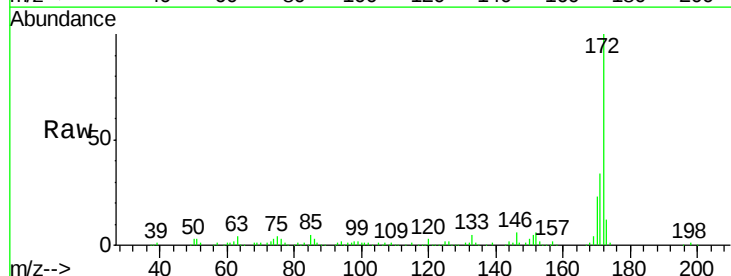
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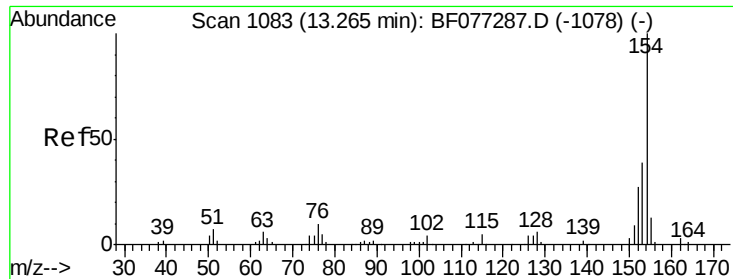
mohammad
 2/13/2015 5:40:32 PM



#44
 2-Fluorobiphenyl
 Concen: 116.28 ng/mL
 RT: 13.07 min Scan# 1066
 Delta R.T. 0.00 min
 Lab File: BF077296.D
 Acq: 12 Feb 2015 22:17

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	418660		
171	33.8	27.8	41.8	
170	22.7	18.3	27.5	





#45

1,1'-Biphenyl

Concen: 52.62 ng

RT: 13.27 min Scan# 1083

Delta R.T. 0.00 min

Lab File: BF077296.D

Acq: 12 Feb 2015 22:17

Instrument :

BNA_F

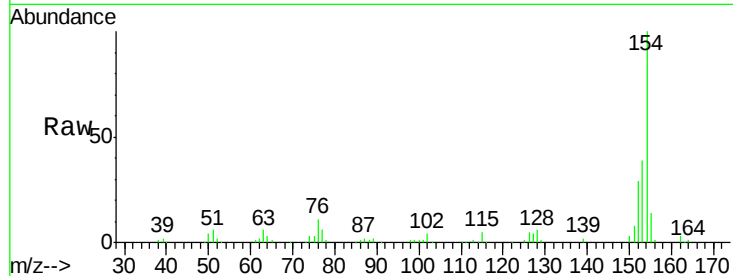
ClientSampleId :

WC-1MS

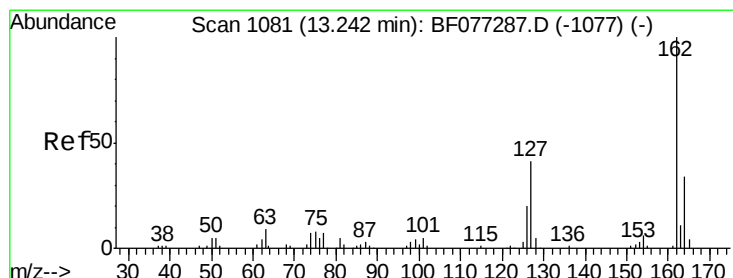
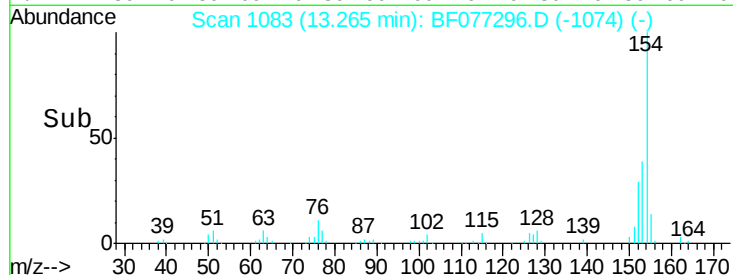
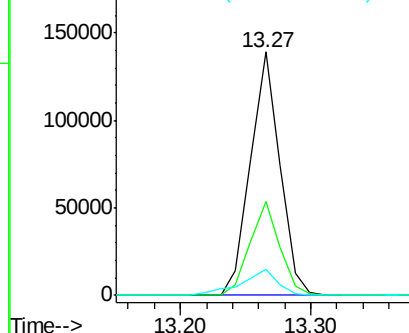
Tot Ion:	154	Resp:	219742
Ion Ratio	Lower	Upper	
154	100		
153	38.7	18.9	58.9
76	10.6	0.0	30.4

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



#46

2-Chloronaphthalene

Concen: 52.18 ng

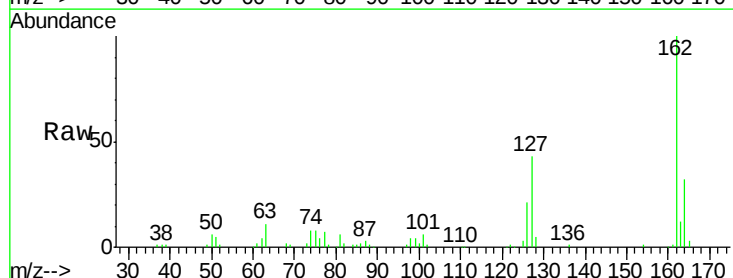
RT: 13.23 min Scan# 1080

Delta R.T. -0.01 min

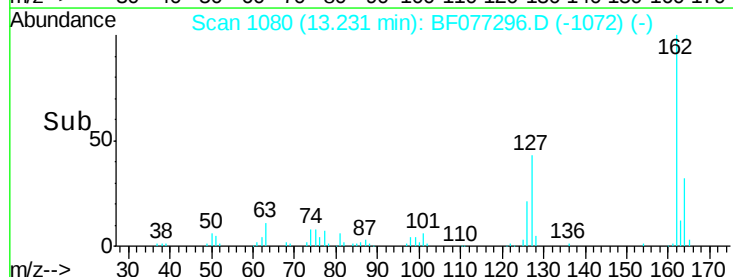
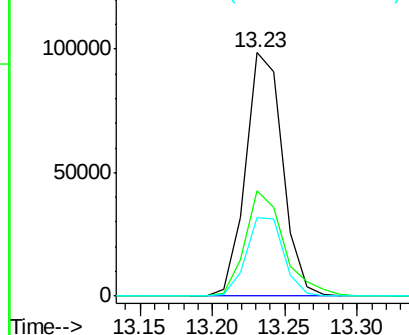
Lab File: BF077296.D

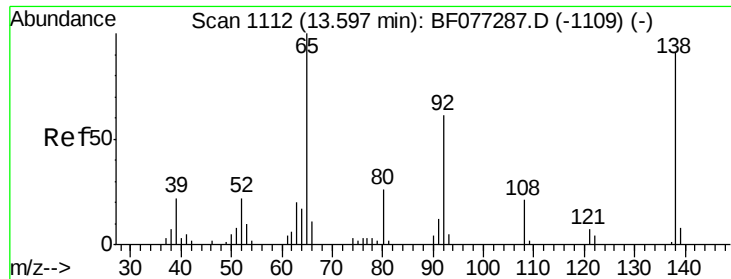
Acq: 12 Feb 2015 22:17

Tgt Ion:	162	Resp:	173996
Ion Ratio	Lower	Upper	
162	100		
127	43.0	32.6	48.8
164	32.5	27.0	40.6



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





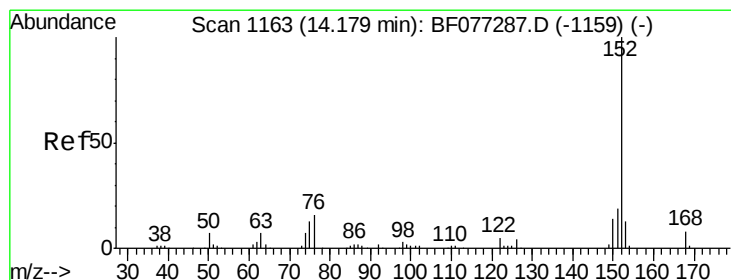
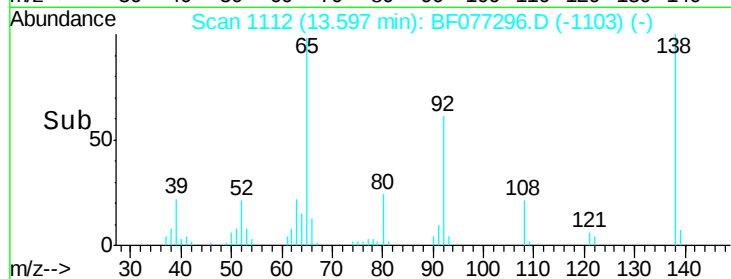
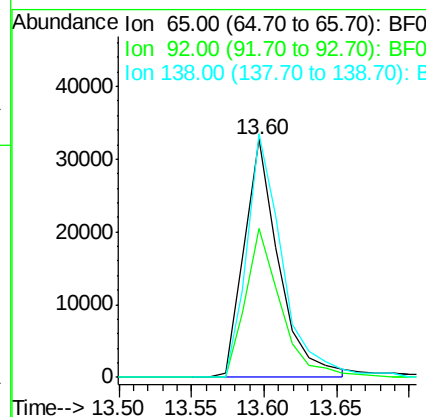
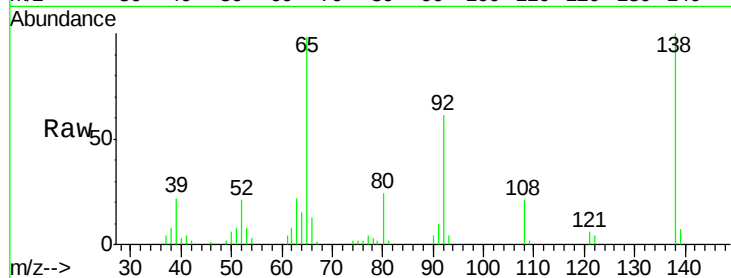
#47
2-Nitroaniline
Concen: 55.96 ng
RT: 13.60 min Scan# 1112
Delta R.T. 0.00 min
Lab File: BF077296.D
Acq: 12 Feb 2015 22:17

Instrument :
BNA_F
ClientSampleId :
WC-1MS

Tot Ion	Ratio	Lower	Upper
65	100		
92	62.3	48.7	73.1
138	102.2	72.5	108.7

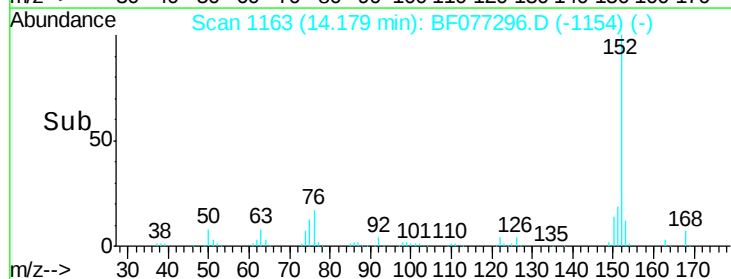
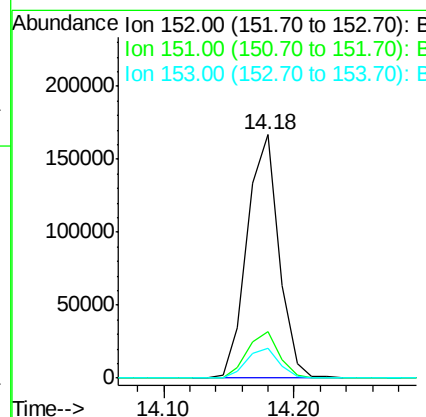
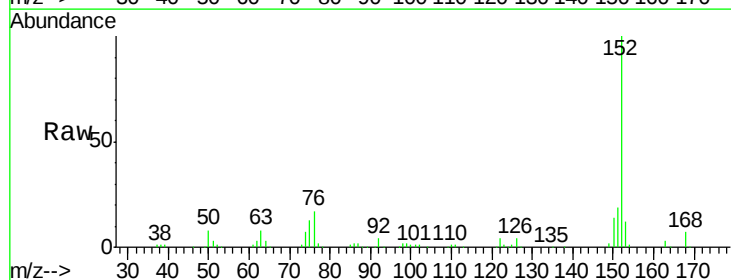
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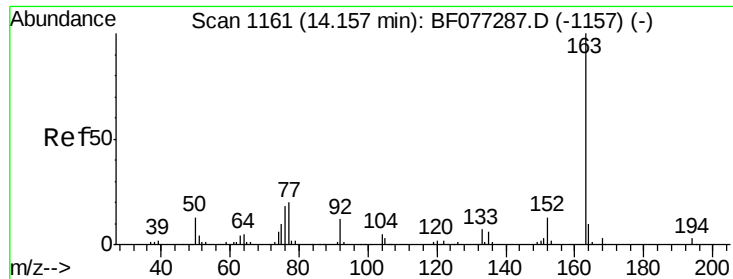
mohammad
2/13/2015 5:40:32 PM



#48
Acenaphthylene
Concen: 53.70 ng
RT: 14.18 min Scan# 1163
Delta R.T. 0.00 min
Lab File: BF077296.D
Acq: 12 Feb 2015 22:17

Tgt Ion	Ratio	Lower	Upper
152	100		
151	19.1	15.3	22.9
153	12.4	10.2	15.2





#49

Dimethylphthalate

Concen: 54.44 ng

RT: 14.16 min Scan# 1161

Delta R.T. 0.00 min

Lab File: BF077296.D

Acq: 12 Feb 2015 22:17

Instrument :

BNA_F

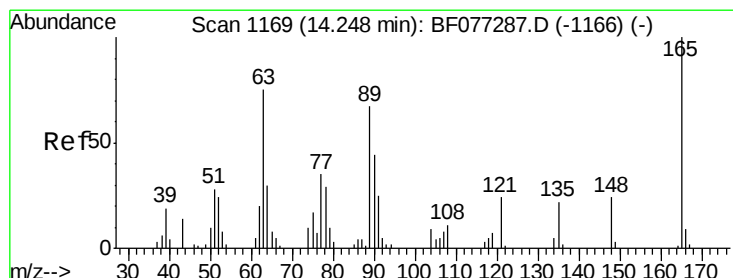
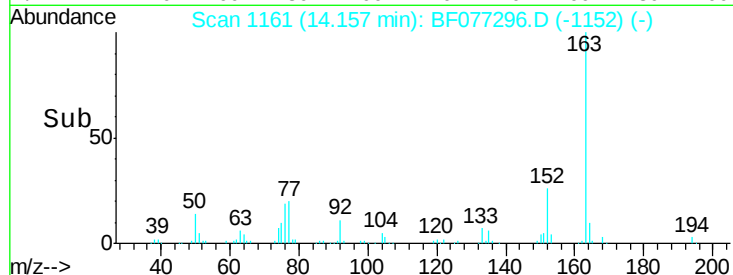
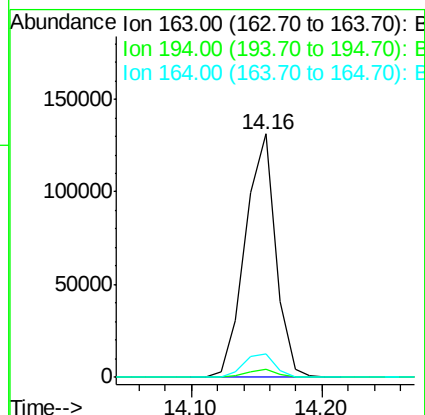
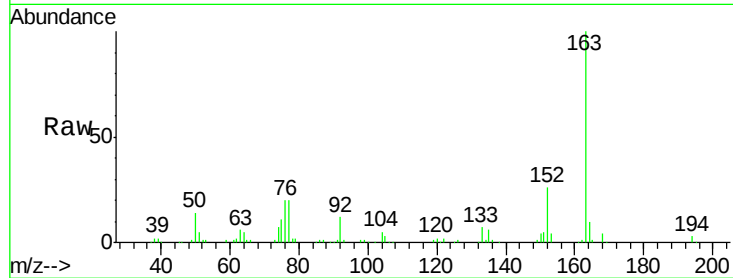
ClientSampleId :

WC-1MS

Tot Ion:	163	Resp:	213337
Ion Ratio	Lower	Upper	
163	100		
194	3.4	2.3	3.5
164	9.7	7.6	11.4

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#50

2,6-Dinitrotoluene

Concen: 57.31 ng

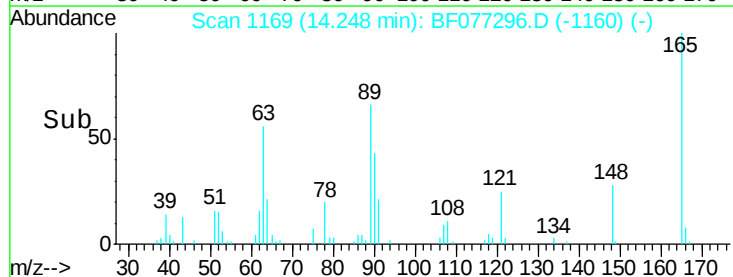
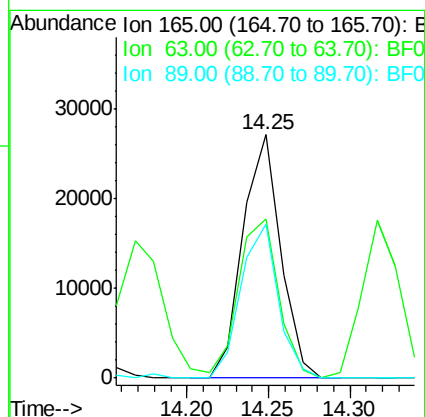
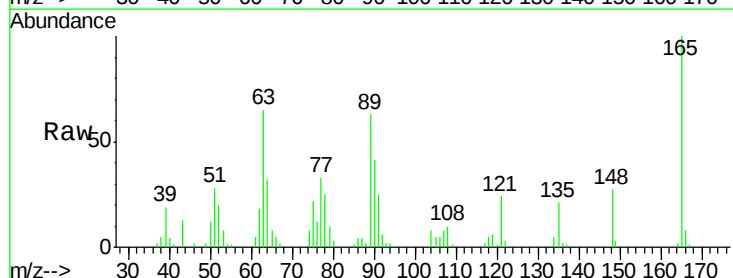
RT: 14.25 min Scan# 1169

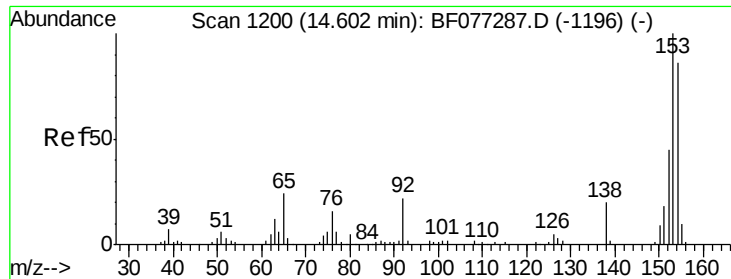
Delta R.T. 0.00 min

Lab File: BF077296.D

Acq: 12 Feb 2015 22:17

Tgt Ion:	165	Resp:	43422
Ion Ratio	Lower	Upper	
165	100		
63	65.4	61.2	91.8
89	63.4	53.7	80.5





#51

Acenaphthene

Concen: 52.07 ng

RT: 14.60 min Scan# 1200

Delta R.T. 0.00 min

Lab File: BF077296.D

Acq: 12 Feb 2015 22:17

Instrument :

BNA_F

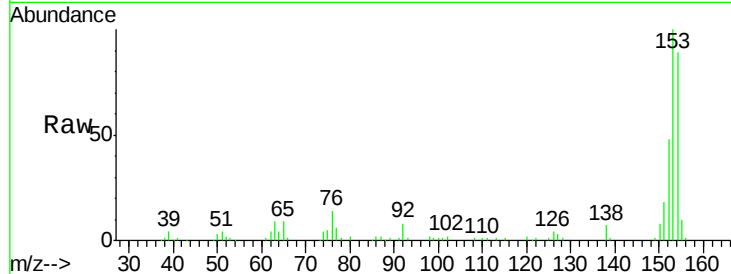
ClientSampleId :

WC-1MS

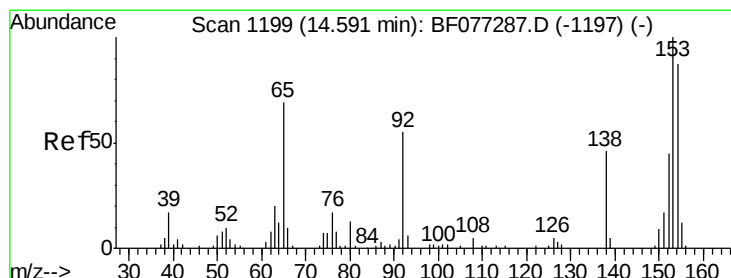
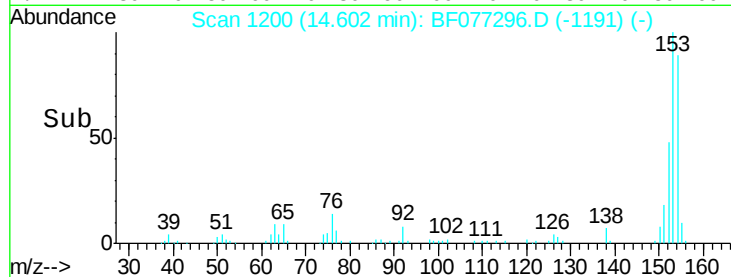
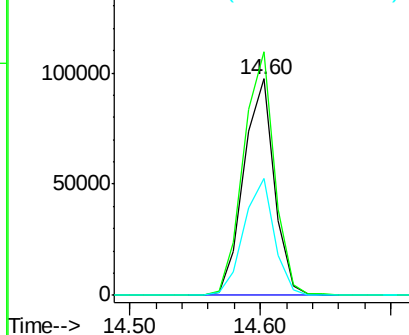
Tot Ion:	154	Resp:	158689
Ion Ratio	Lower	Upper	
154	100		
153	112.4	92.5	138.7
152	53.8	42.1	63.1

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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: 16.77 ng

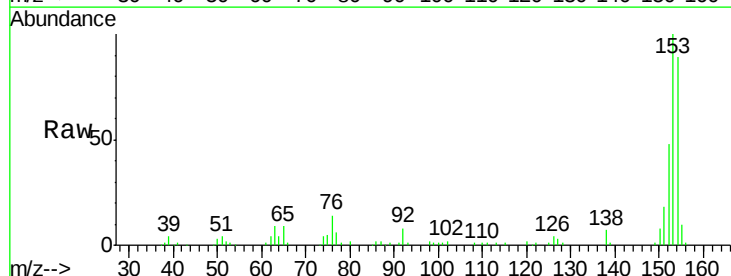
RT: 14.60 min Scan# 1200

Delta R.T. 0.01 min

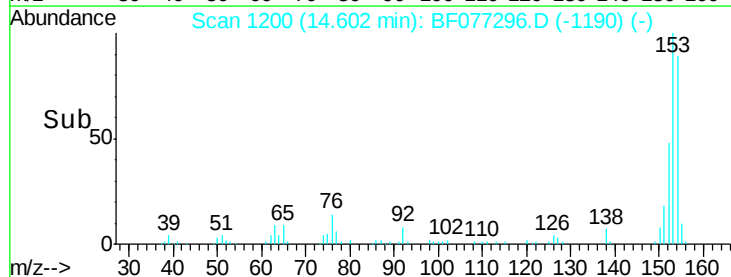
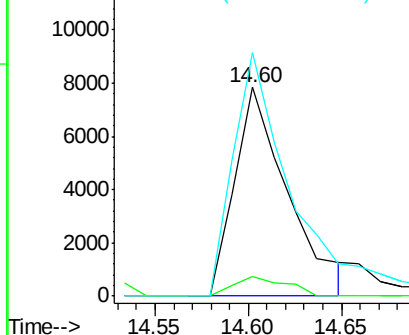
Lab File: BF077296.D

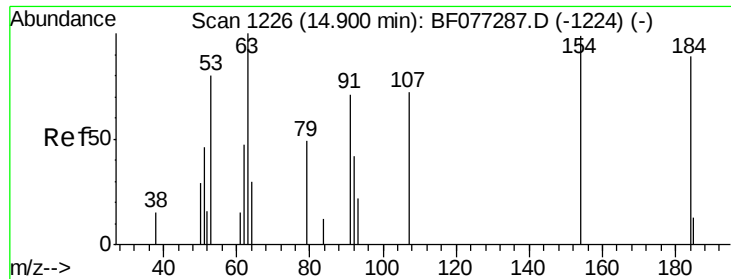
Acq: 12 Feb 2015 22:17

Tgt Ion:	138	Resp:	15547
Ion Ratio	Lower	Upper	
138	100		
108	9.1	9.5	14.3#
92	116.8	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





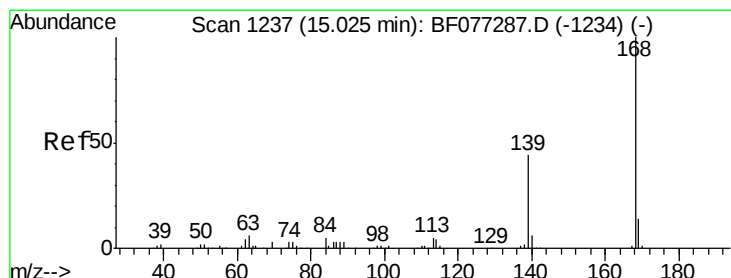
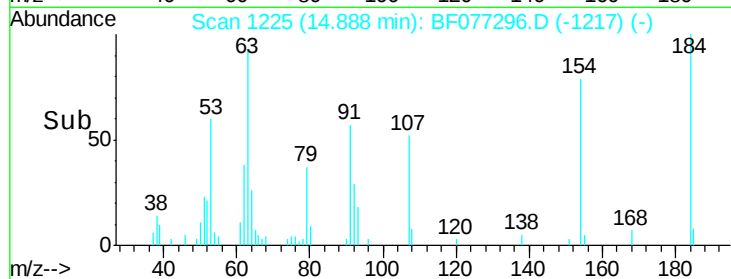
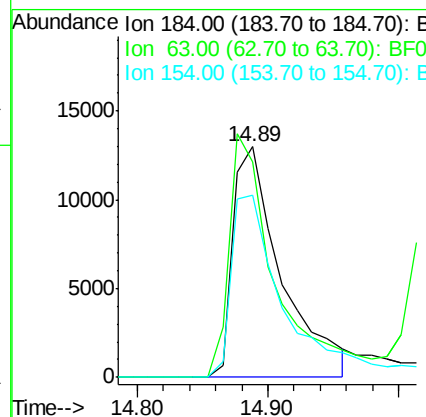
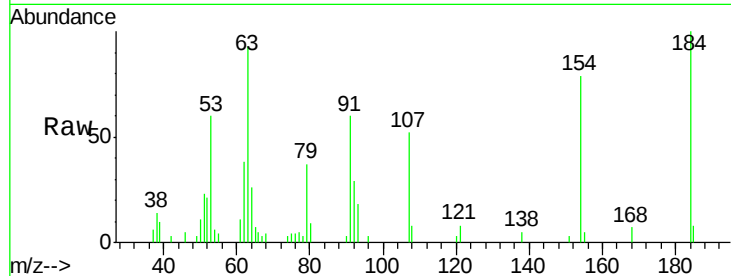
#53
2,4-Dinitrophenol
Concen: 111.22 ng
RT: 14.89 min Scan# 1225
Delta R.T. -0.01 min
Lab File: BF077296.D
Acq: 12 Feb 2015 22:17

Instrument :
BNA_F
ClientSampled :
WC-1MS

Tot Ion	Ratio	Lower	Upper
184	100		
63	93.2	90.2	135.4
154	78.8	89.7	134.5#

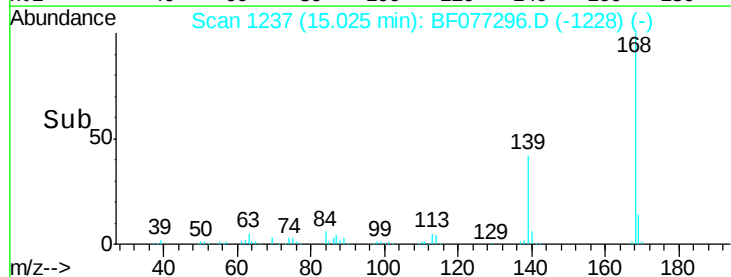
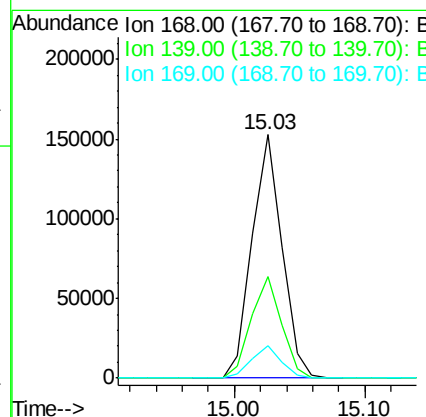
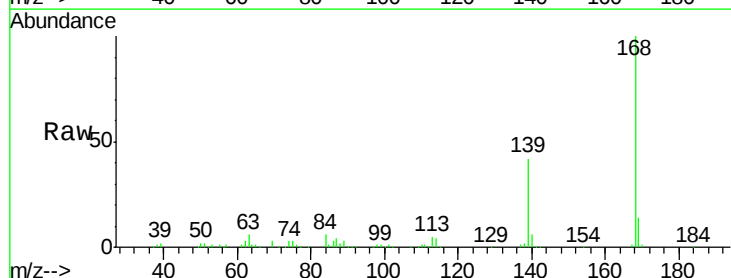
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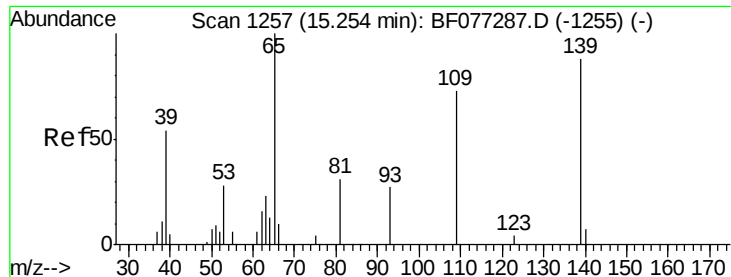
mohammad
2/13/2015 5:40:32 PM



#54
Dibenzofuran
Concen: 52.17 ng
RT: 15.03 min Scan# 1237
Delta R.T. 0.00 min
Lab File: BF077296.D
Acq: 12 Feb 2015 22:17

Tgt Ion	Ratio	Lower	Upper
168	100		
139	41.9	35.6	53.4
169	13.6	10.9	16.3





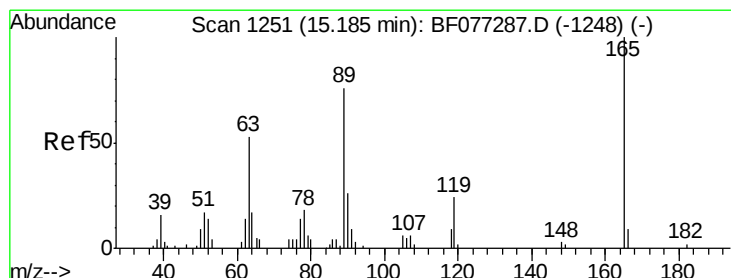
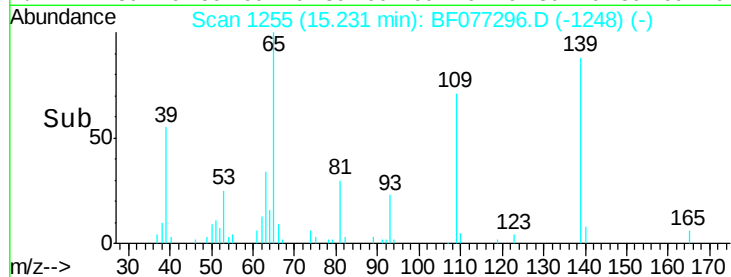
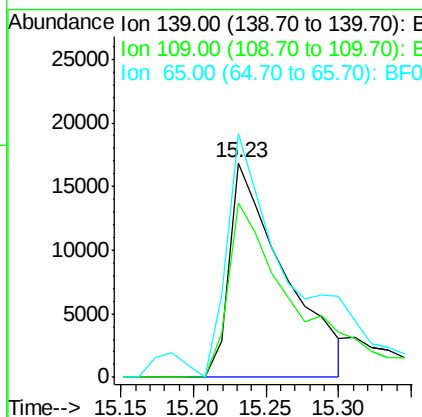
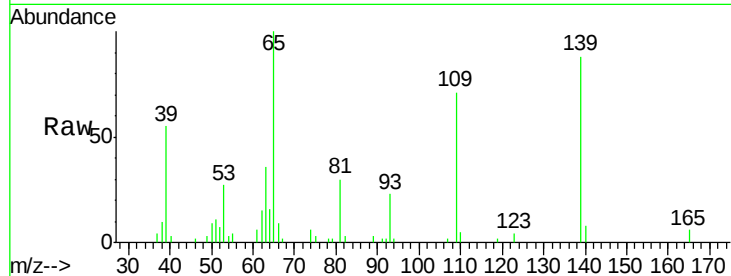
#55
4-Nitrophenol
Concen: 98.00 ng
RT: 15.23 min Scan# 1255
Delta R.T. -0.02 min
Lab File: BF077296.D
Acq: 12 Feb 2015 22:17

Instrument :
BNA_F
ClientSampled :
WC-1MS

Tot Ion	Ratio	Lower	Upper
139	100		
109	81.1	62.7	102.7
65	113.5	93.5	133.5

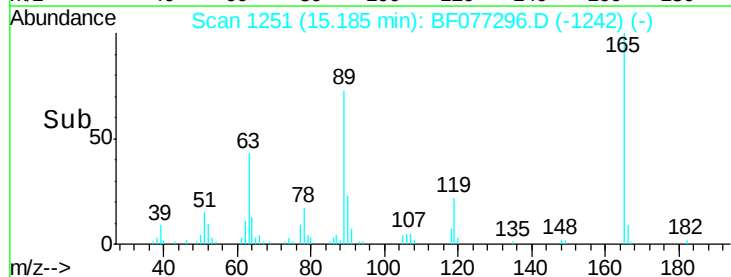
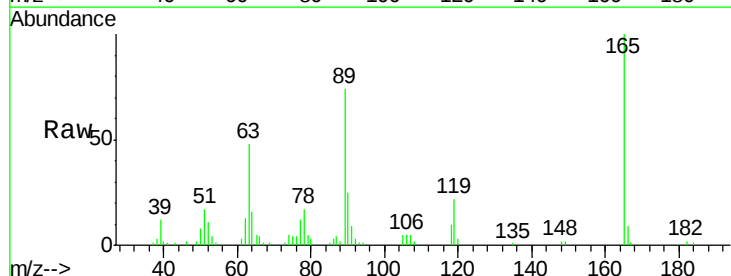
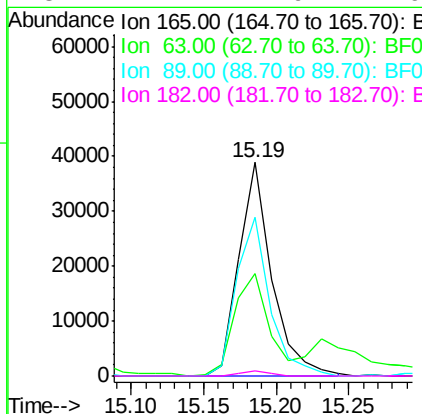
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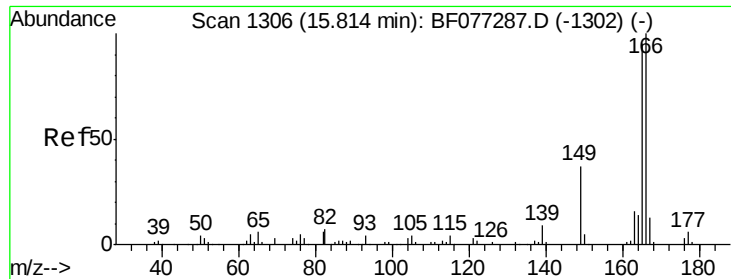
mohammad
2/13/2015 5:40:32 PM



#56
2,4-Dinitrotoluene
Concen: 56.62 ng
RT: 15.19 min Scan# 1251
Delta R.T. 0.00 min
Lab File: BF077296.D
Acq: 12 Feb 2015 22:17

Tgt Ion	Ratio	Lower	Upper
165	100		
63	48.0	42.4	63.6
89	74.2	61.1	91.7
182	2.1	1.9	2.9





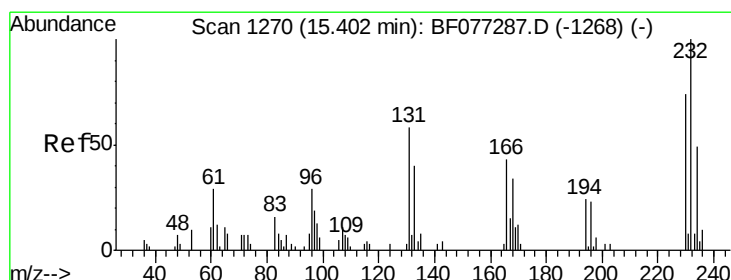
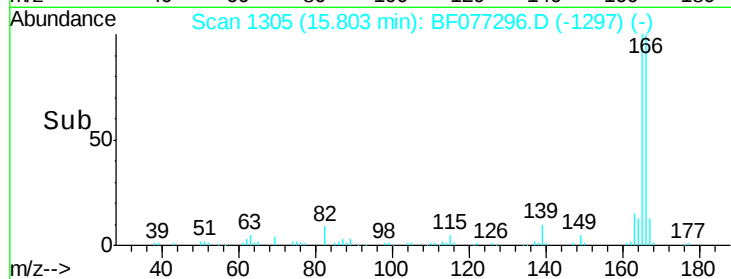
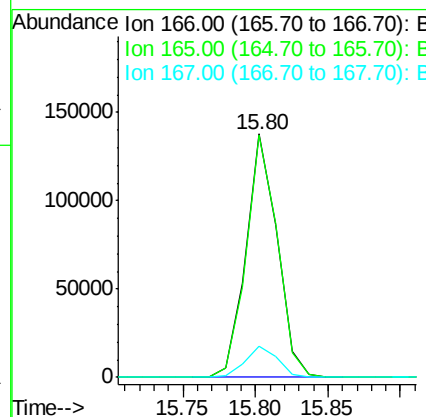
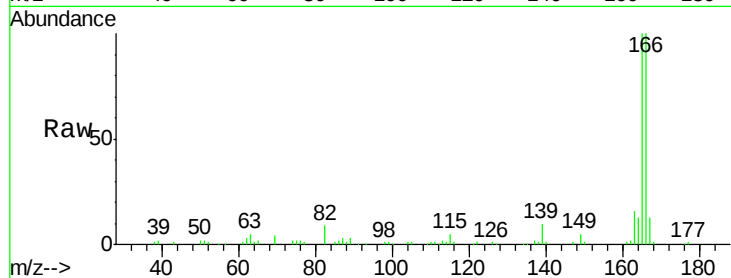
#57
Fluorene
Concen: 53.24 ng
RT: 15.80 min Scan# 1305
Delta R.T. -0.01 min
Lab File: BF077296.D
Acq: 12 Feb 2015 22:17

Instrument :
BNA_F
ClientSampleId :
WC-1MS

Tot Ion	Ratio	Resp	Lower	Upper
166	100	205367		
165	99.7	75.9	113.9	
167	12.9	10.2	15.4	

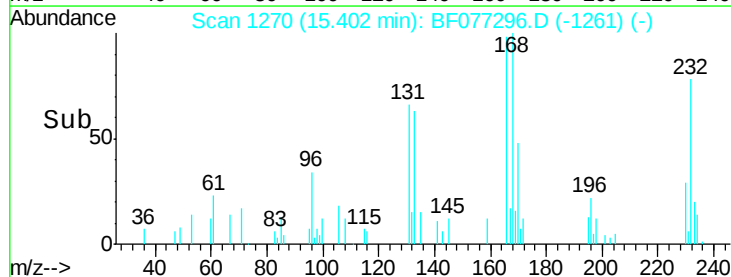
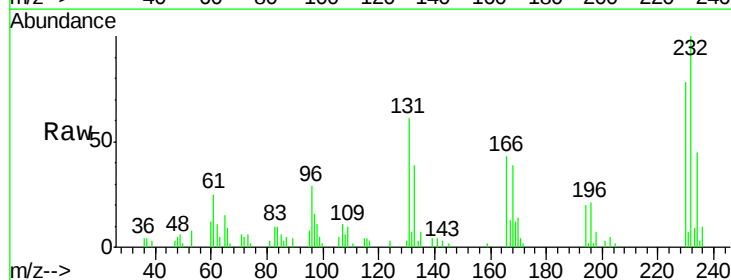
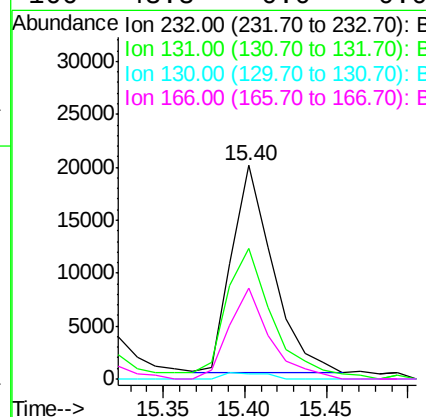
Manual Integrations
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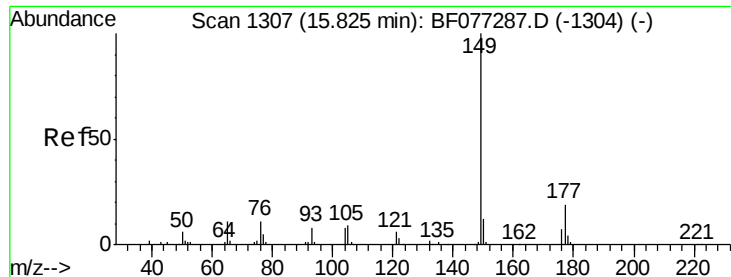
mohammad
2/13/2015 5:40:32 PM



#58
2,3,4,6-Tetrachlorophenol
Concen: 57.60 ng
RT: 15.40 min Scan# 1270
Delta R.T. 0.00 min
Lab File: BF077296.D
Acq: 12 Feb 2015 22:17

Tgt Ion	Ratio	Resp	Lower	Upper
232	100	34170		
131	62.8	0.0	0.0#	
130	3.2	0.0	0.0#	
166	43.8	0.0	0.0#	





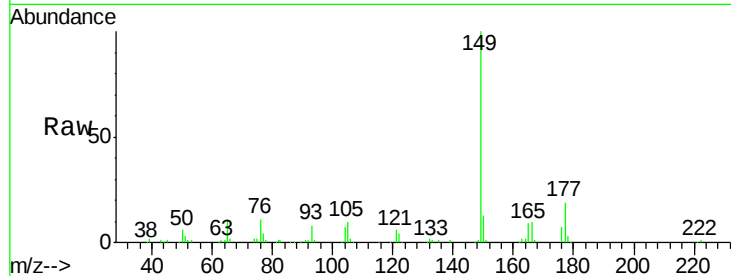
#59
Diethylphthalate
Concen: 55.87 ng
RT: 15.83 min Scan# 1307
Delta R.T. 0.00 min
Lab File: BF077296.D
Acq: 12 Feb 2015 22:17

Instrument :
BNA_F
ClientSampleId :
WC-1MS

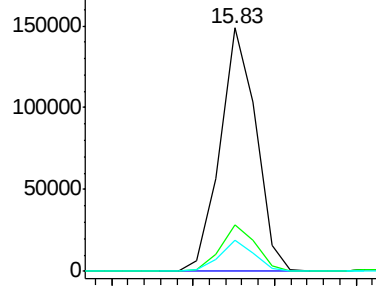
Tot Ion	Ratio	Resp	Lower	Upper
149	100	228013		
177	19.0	15.0	22.4	
150	12.6	9.4	14.2	

Manual Integrations
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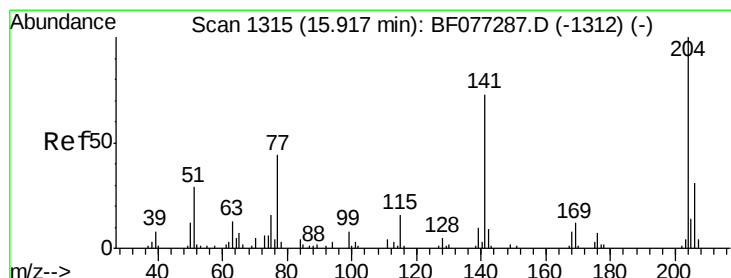
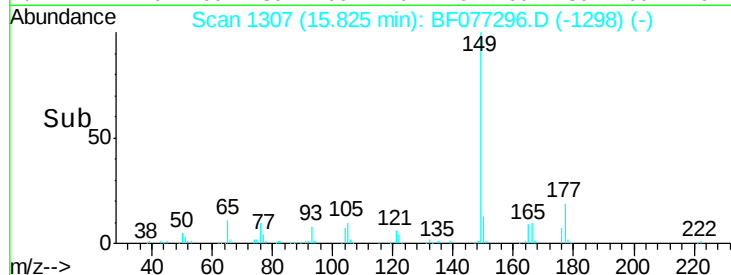
mohammad
2/13/2015 5:40:32 PM



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

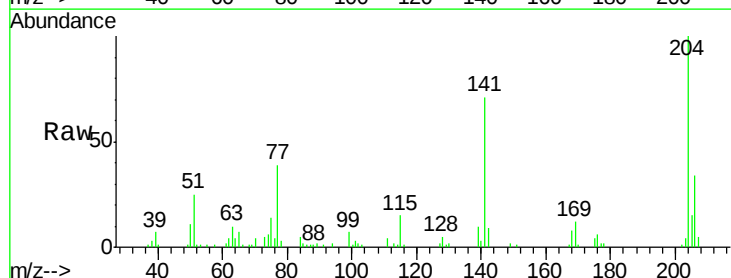


Time-->

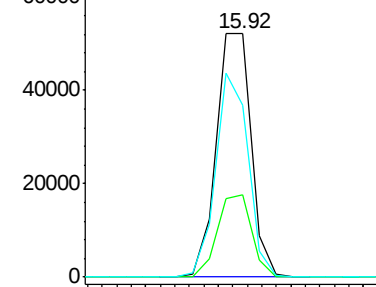


#60
4-Chlorophenyl-phenylether
Concen: 54.30 ng
RT: 15.92 min Scan# 1315
Delta R.T. 0.00 min
Lab File: BF077296.D
Acq: 12 Feb 2015 22:17

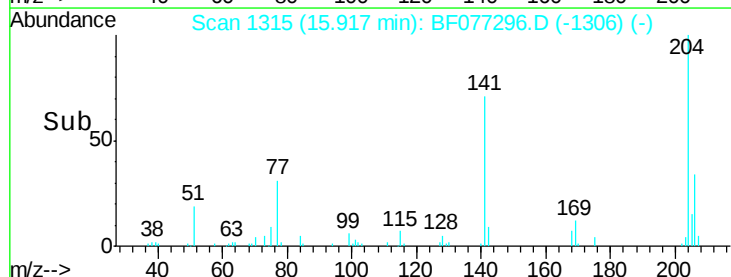
Tgt Ion	Ratio	Resp	Lower	Upper
204	100	87099		
206	33.7	25.0	37.6	
141	70.6	58.6	87.8	

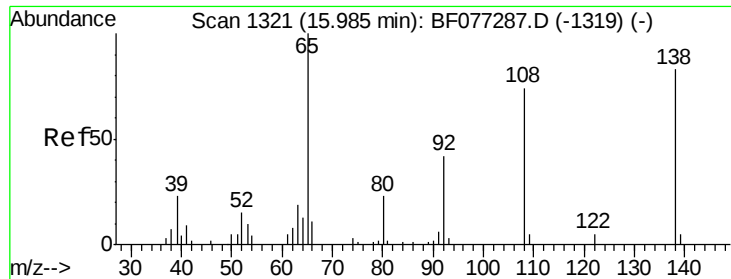


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E



Time-->





#61

4-Nitroaniline

Concen: 43.99 ng

RT: 15.99 min Scan# 1321

Delta R.T. 0.00 min

Lab File: BF077296.D

Acq: 12 Feb 2015 22:17

Instrument :

BNA_F

ClientSampleId :

WC-1MS

Tot Ion:138 Resp: 38027

Ion Ratio Lower Upper

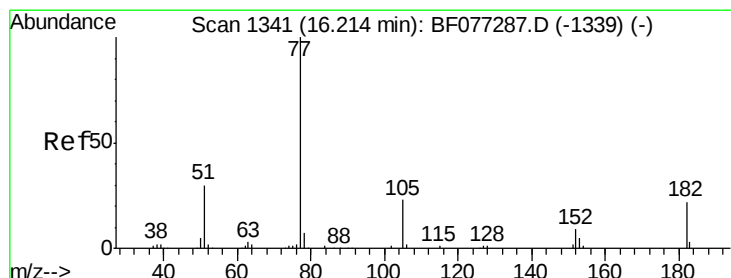
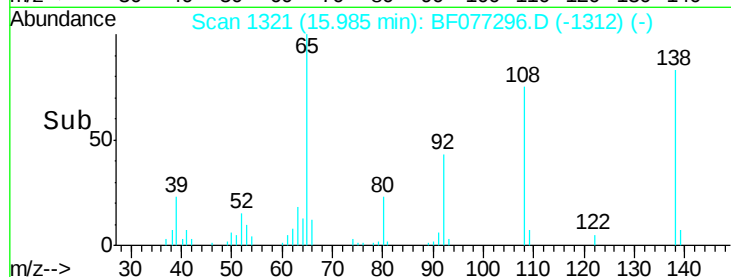
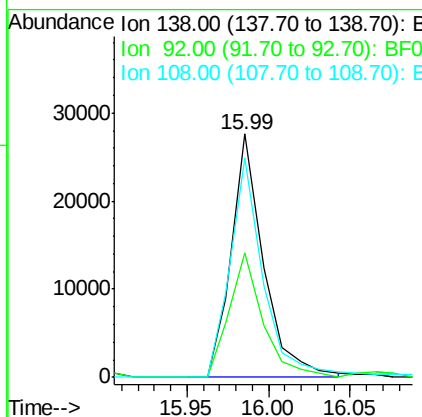
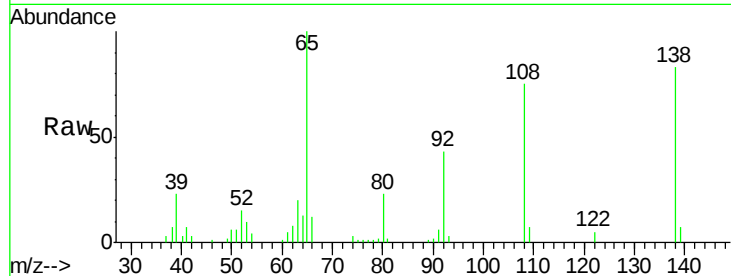
138 100

92 51.4 30.7 70.7

108 90.0 69.7 109.7

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#62

Azobenzene

Concen: 50.95 ng m

RT: 16.21 min Scan# 1341

Delta R.T. 0.00 min

Lab File: BF077296.D

Acq: 12 Feb 2015 22:17

Tgt Ion: 77 Resp: 198331

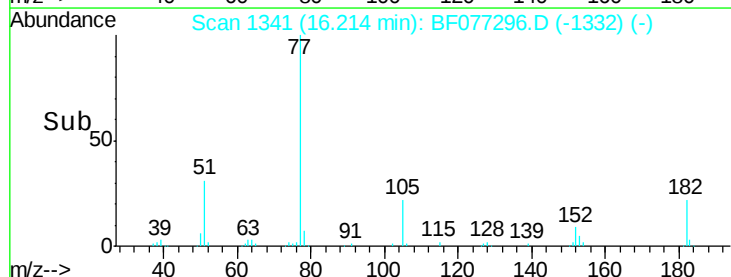
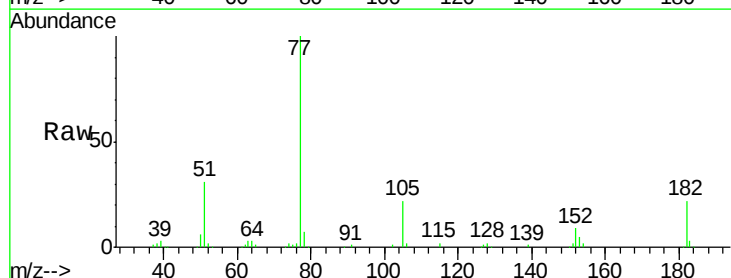
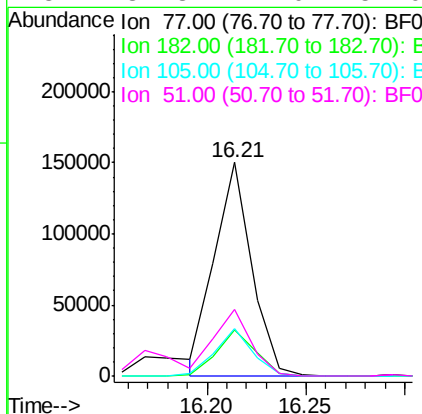
Ion Ratio Lower Upper

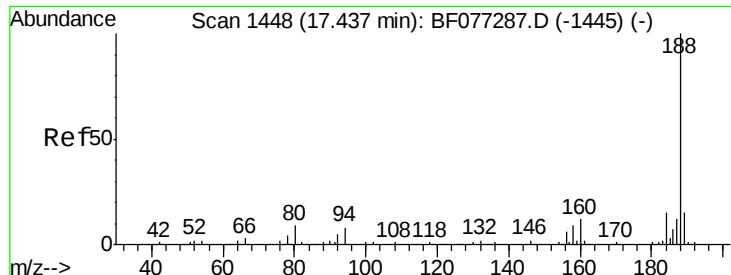
77 100

182 21.8 0.9 40.9

105 22.2 2.2 42.2

51 31.3 12.0 52.0





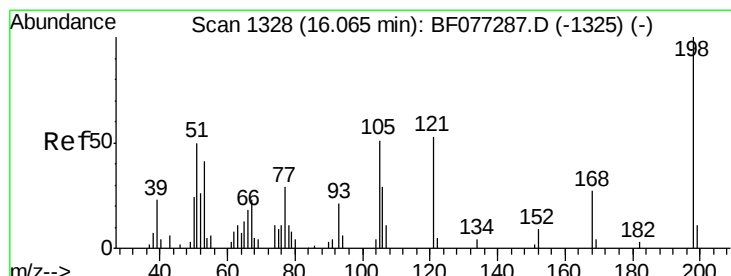
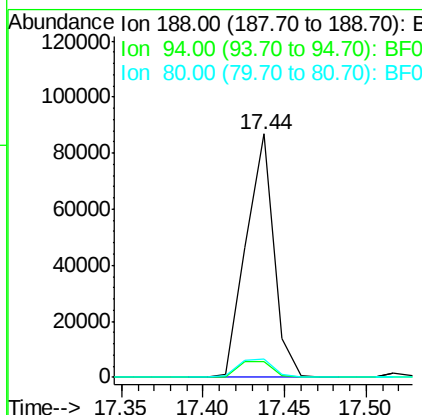
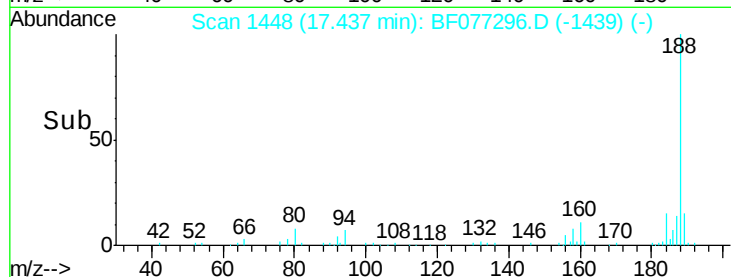
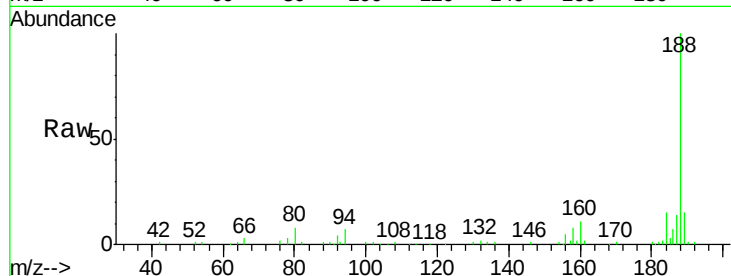
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.44 min Scan# 1448
Delta R.T. 0.00 min
Lab File: BF077296.D
Acq: 12 Feb 2015 22:17

Instrument :
BNA_F
ClientSampleID :
WC-1MS

Tot Ion	Ratio	Resp Lower	Resp Upper
188	100		
94	6.7	6.5	9.7
80	7.6	7.1	10.7

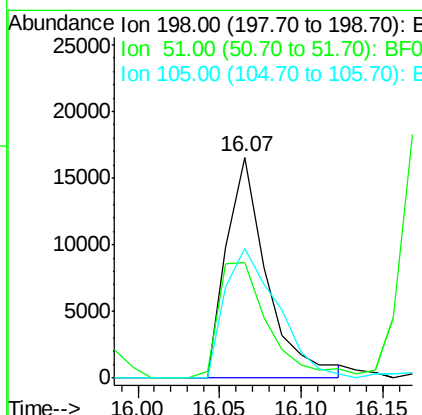
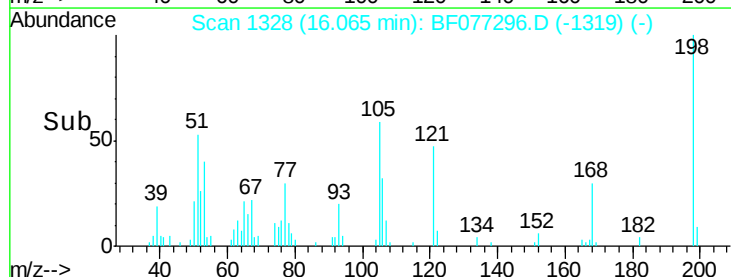
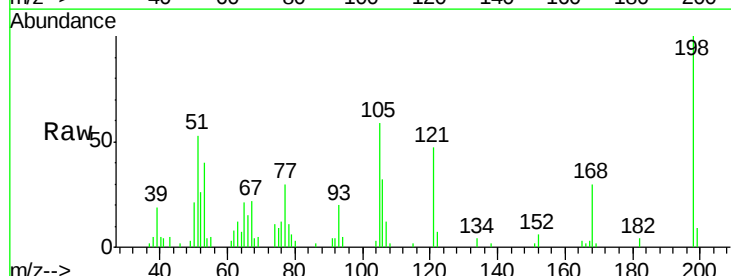
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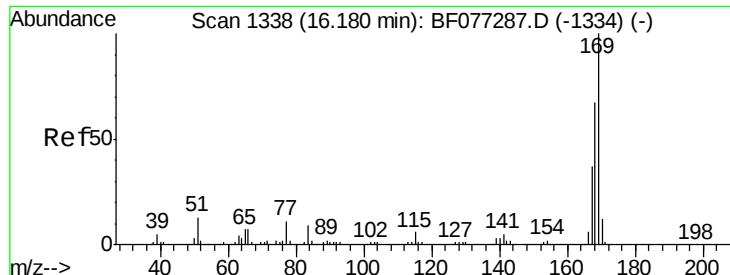
mohammad
2/13/2015 5:40:32 PM



#64
4,6-Dinitro-2-methylphenol
Concen: 48.20 ng
RT: 16.07 min Scan# 1328
Delta R.T. 0.00 min
Lab File: BF077296.D
Acq: 12 Feb 2015 22:17

Tgt Ion	Ratio	Resp Lower	Resp Upper
198	100		
51	52.7	33.8	73.8
105	58.7	30.9	70.9





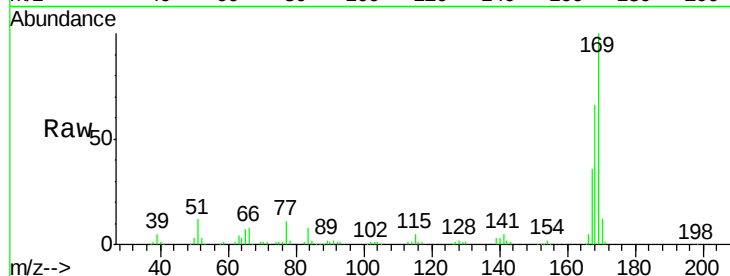
#65
n-Nitrosodiphenylamine
Concen: 47.14 ng
RT: 16.18 min Scan# 1338
Delta R.T. 0.00 min
Lab File: BF077296.D
Acq: 12 Feb 2015 22:17

Instrument :
BNA_F
ClientSampleId :
WC-1MS

Tot Ion	Ratio	Resp Lower	Resp Upper
169	100		
168	65.9	53.9	80.9
167	36.1	29.6	44.4

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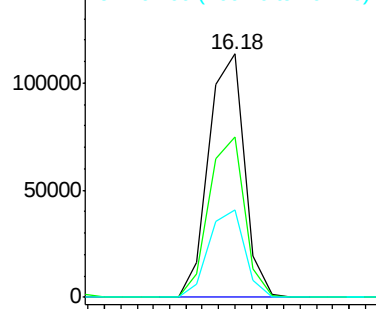


Abundance

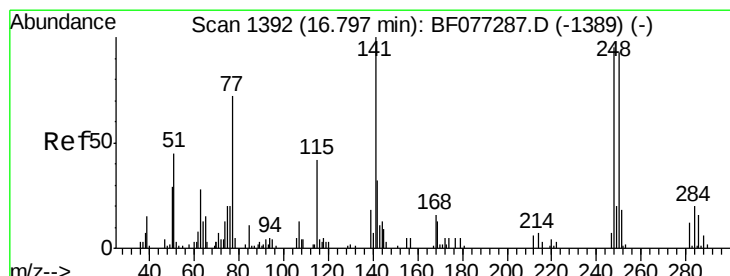
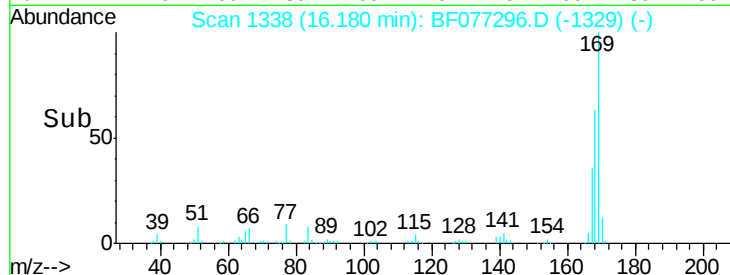
Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

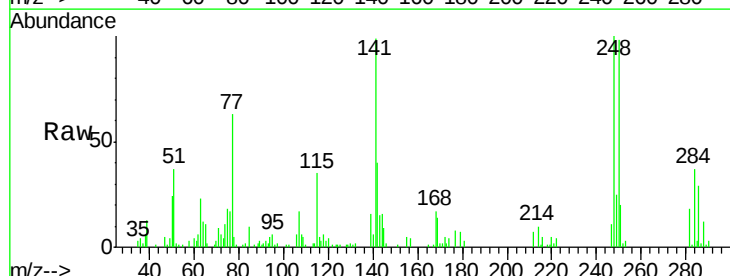


Time-->



#66
4-Bromophenyl-phenylether
Concen: 47.35 ng
RT: 16.80 min Scan# 1392
Delta R.T. 0.00 min
Lab File: BF077296.D
Acq: 12 Feb 2015 22:17

Tgt Ion	Ratio	Resp Lower	Resp Upper
248	100		
250	98.4	77.8	116.8
141	99.3	83.8	125.6

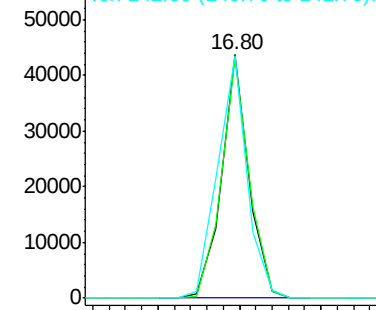


Abundance

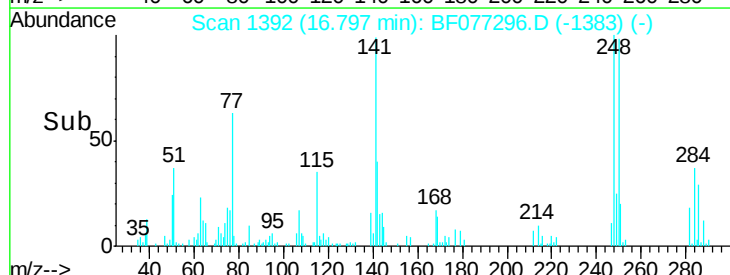
Ion 248.00 (247.70 to 248.70): E

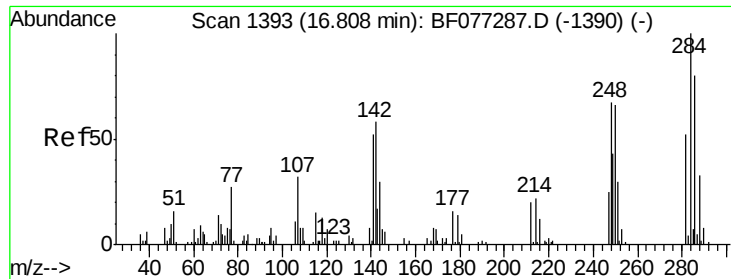
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



Time-->





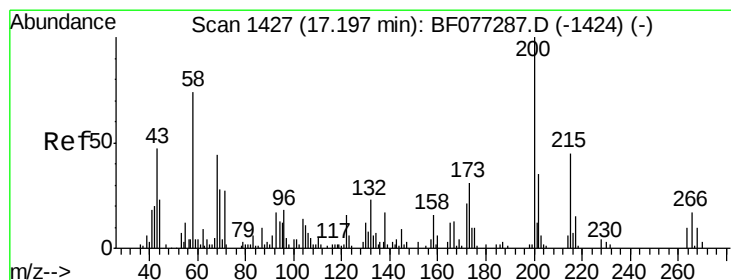
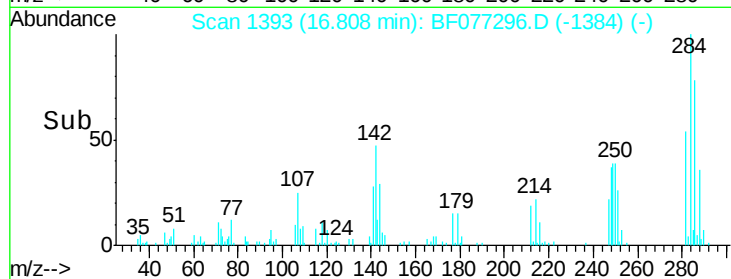
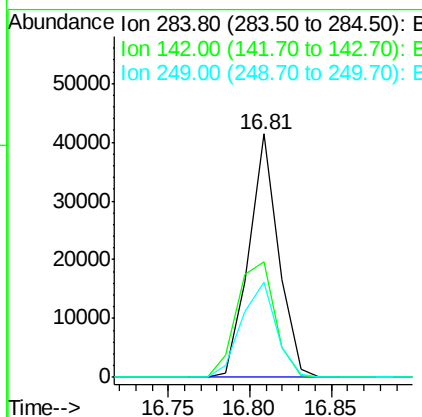
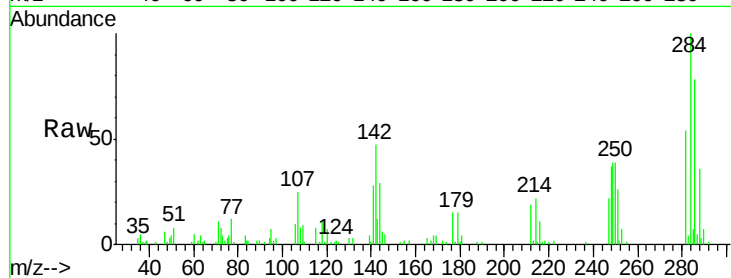
#67
Hexachlorobenzene
Concen: 48.33 ng
RT: 16.81 min Scan# 1393
Delta R.T. 0.00 min
Lab File: BF077296.D
Acq: 12 Feb 2015 22:17

Instrument :
BNA_F
ClientSampled :
WC-1MS

Tot Ion:	284	Resp:	52407
Ion Ratio	Lower	Upper	
284	100		
142	47.3	46.2	69.4
249	39.3	34.5	51.7

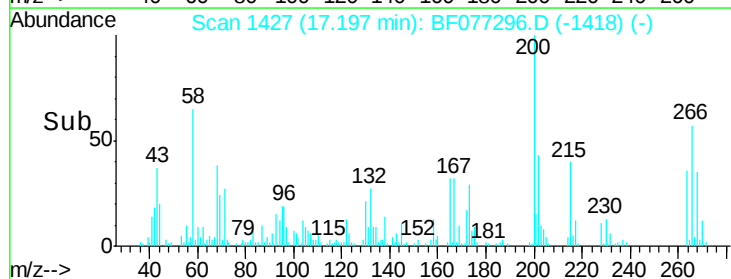
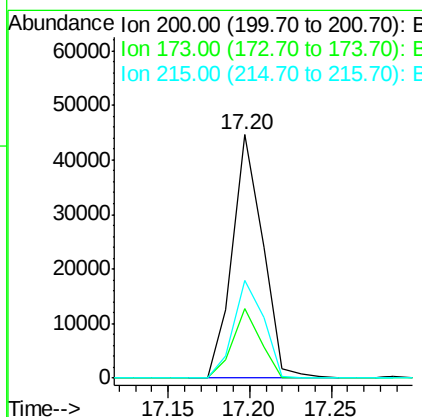
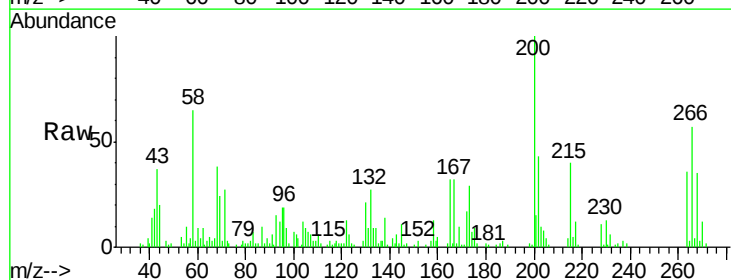
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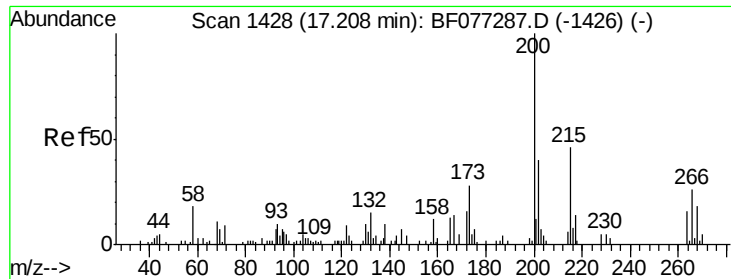
mohammad
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#68
Atrazine
Concen: 50.16 ng
RT: 17.20 min Scan# 1427
Delta R.T. 0.00 min
Lab File: BF077296.D
Acq: 12 Feb 2015 22:17

Tgt Ion:	200	Resp:	57741
Ion Ratio	Lower	Upper	
200	100		
173	28.5	11.3	51.3
215	40.1	25.3	65.3





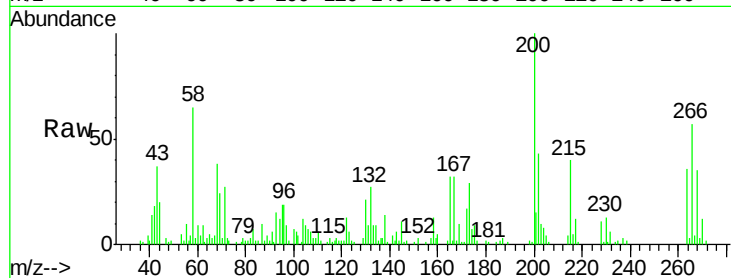
#69
 Pentachlorophenol
 Concen: 108.46 ng
 RT: 17.20 min Scan# 1427
 Delta R.T. -0.01 min
 Lab File: BF077296.D
 Acq: 12 Feb 2015 22:17

Instrument :
 BNA_F
 ClientSampleId :
 WC-1MS

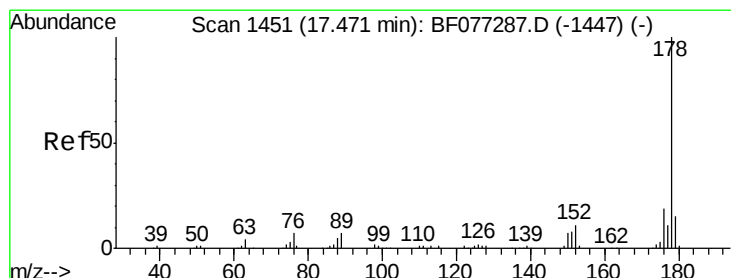
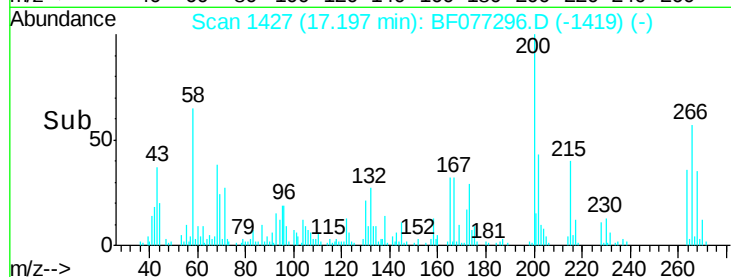
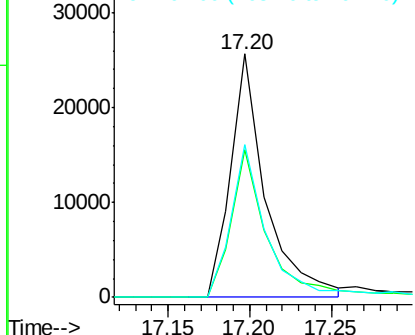
Tot Ion	Ratio	Resp	Lower	Upper
266	100	37970		
268	60.6	55.0	82.6	
264	62.9	49.5	74.3	

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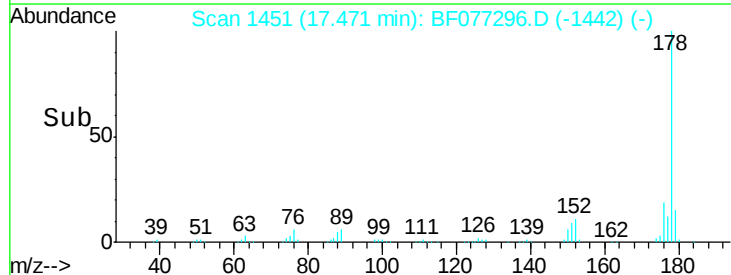
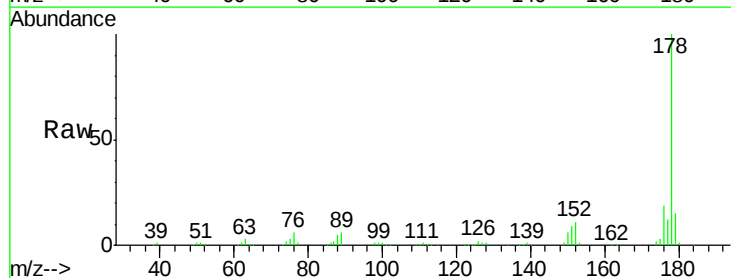
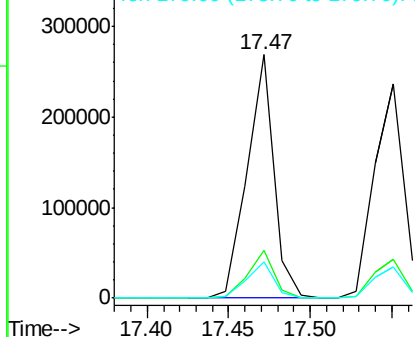
Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

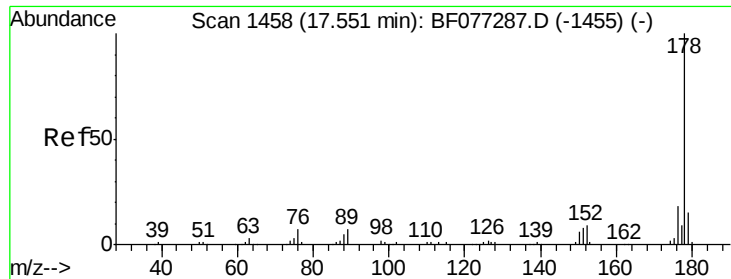


#70
 Phenanthrene
 Concen: 49.79 ng
 RT: 17.47 min Scan# 1451
 Delta R.T. 0.00 min
 Lab File: BF077296.D
 Acq: 12 Feb 2015 22:17

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	306019		
176	19.4	15.2	22.8	
179	14.7	12.1	18.1	

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





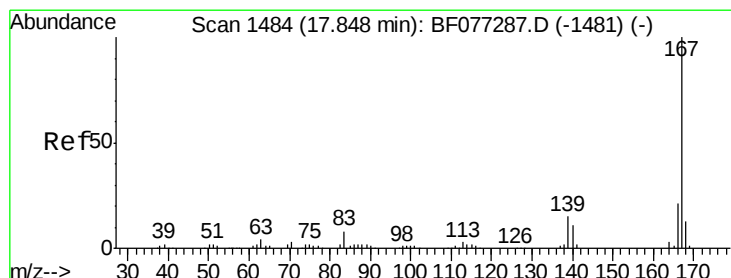
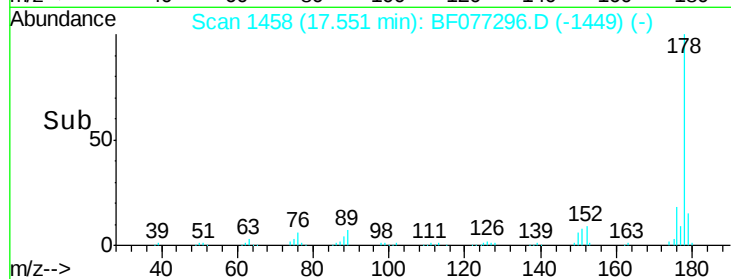
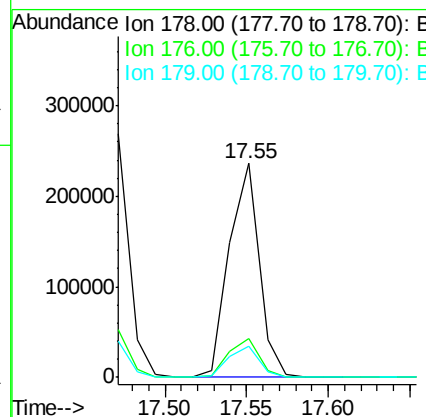
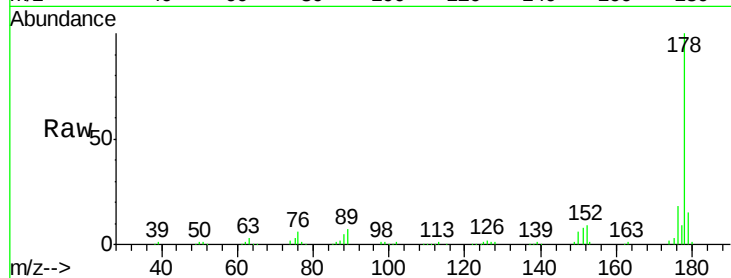
#71
 Anthracene
 Concen: 48.62 ng
 RT: 17.55 min Scan# 1458
 Delta R.T. 0.00 min
 Lab File: BF077296.D
 Acq: 12 Feb 2015 22:17

Instrument :
 BNA_F
 ClientSampleId :
 WC-1MS

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.3	14.6	22.0
179	14.8	12.1	18.1

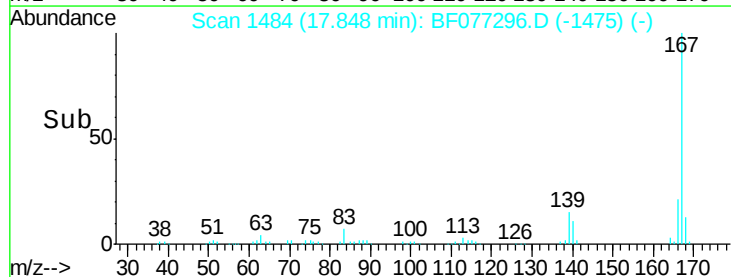
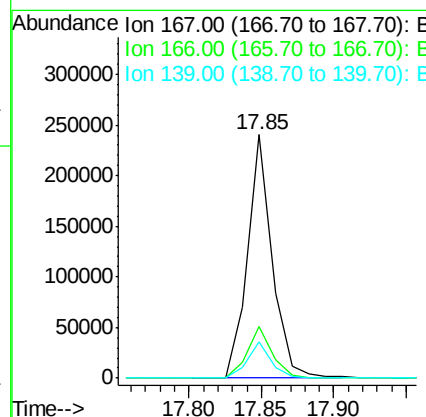
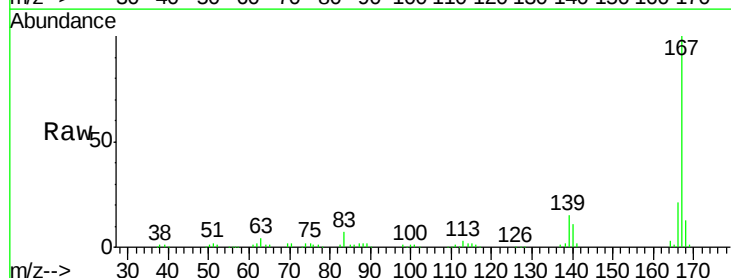
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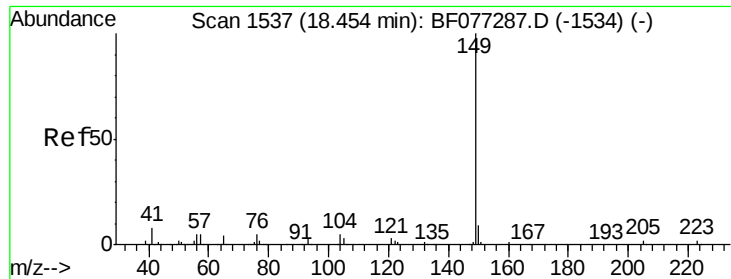
mohammad
 2/13/2015 5:40:32 PM



#72
 Carbazole
 Concen: 48.11 ng
 RT: 17.85 min Scan# 1484
 Delta R.T. 0.00 min
 Lab File: BF077296.D
 Acq: 12 Feb 2015 22:17

Tgt Ion	Ratio	Lower	Upper
167	100		
166	21.4	17.0	25.6
139	14.7	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: BF077296.D

Acq: 12 Feb 2015 22:17

Instrument :

BNA_F

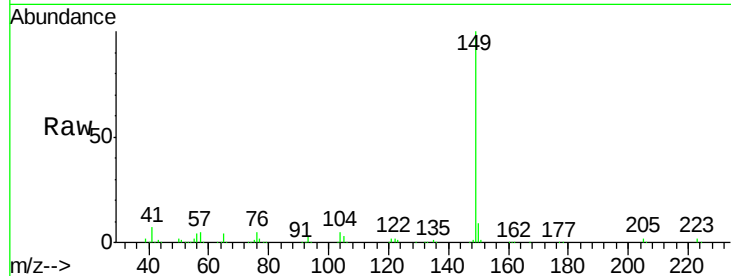
ClientSampleId :

WC-1MS

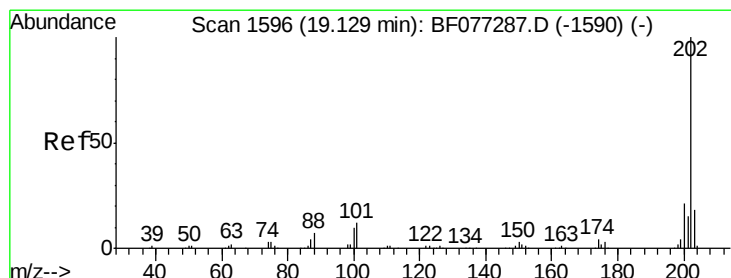
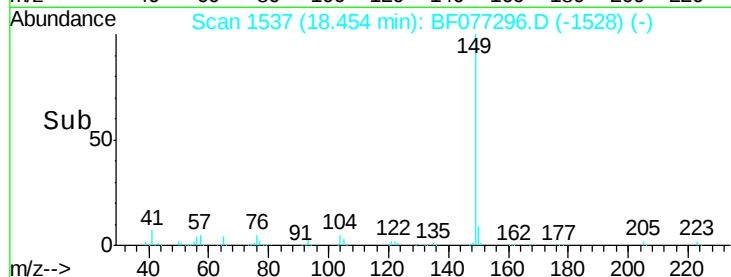
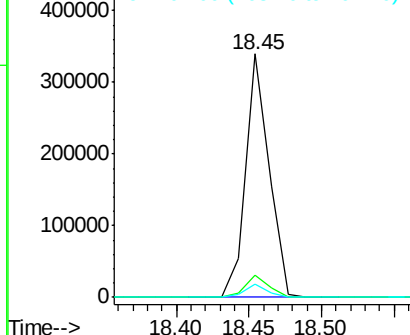
Tot Ion:	149	Resp:	379677
Ion Ratio	Lower	Upper	
149	100		
150	8.9	7.4	11.2
104	5.2	4.2	6.2

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



#74

Fluoranthene

Concen: 47.48 ng

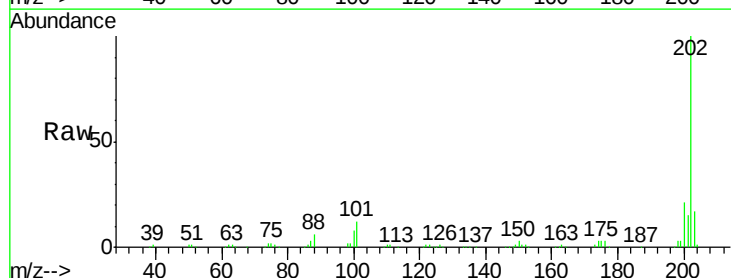
RT: 19.13 min Scan# 1596

Delta R.T. 0.00 min

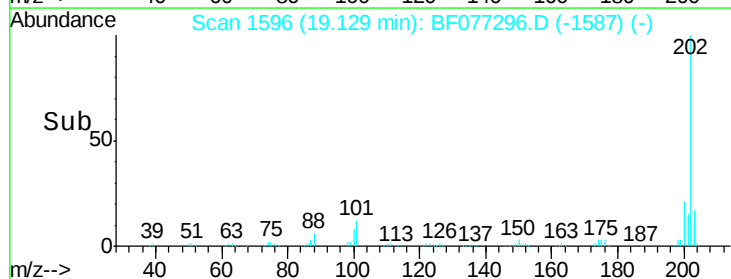
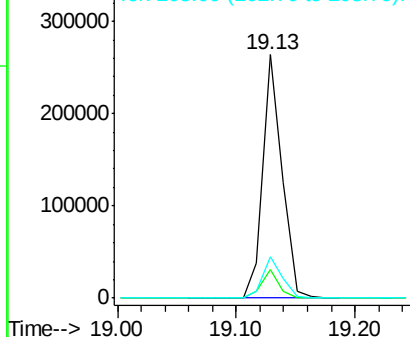
Lab File: BF077296.D

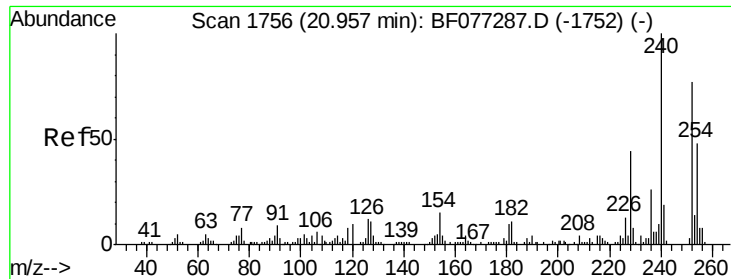
Acq: 12 Feb 2015 22:17

Tgt Ion:	202	Resp:	300580
Ion Ratio	Lower	Upper	
202	100		
101	11.5	0.0	32.4
203	17.2	0.0	37.8



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





#75

Chrysene-d12

Concen: 20.00 ng

RT: 20.95 min Scan# 1755

Delta R.T. -0.01 min

Lab File: BF077296.D

Acq: 12 Feb 2015 22:17

Instrument :

BNA_F

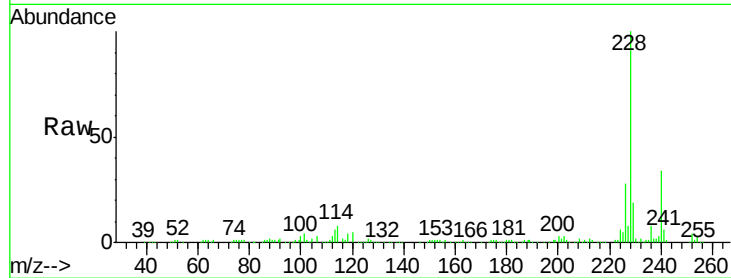
ClientSampleId :

WC-1MS

Tot Ion	Ratio	Lower	Upper
240	100		
120	13.8	7.8	11.8
236	24.6	20.4	30.6

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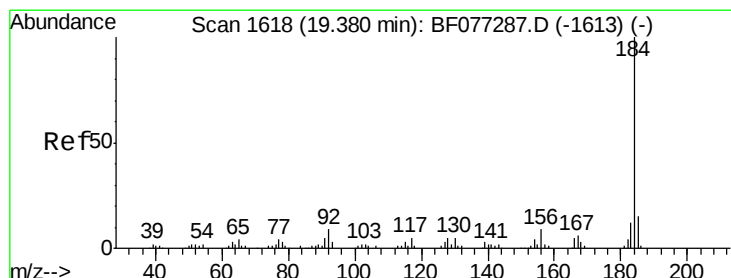
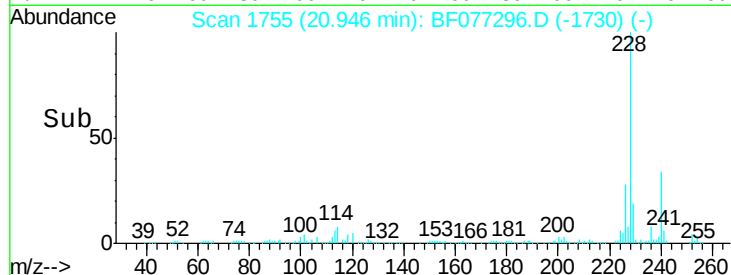
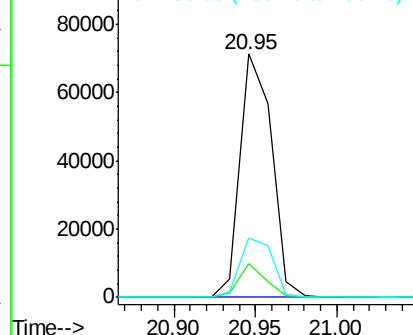
mohammad
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Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 5.39 ng m

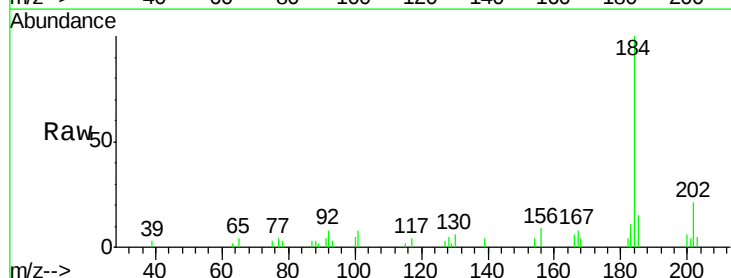
RT: 19.39 min Scan# 1619

Delta R.T. 0.01 min

Lab File: BF077296.D

Acq: 12 Feb 2015 22:17

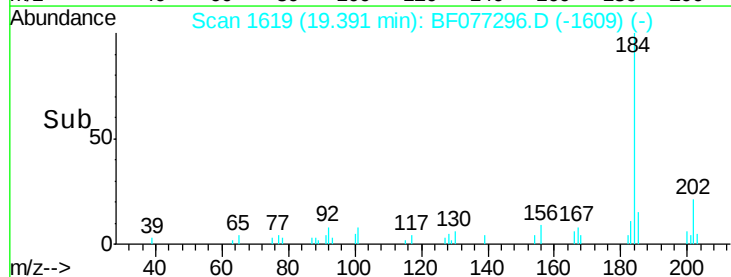
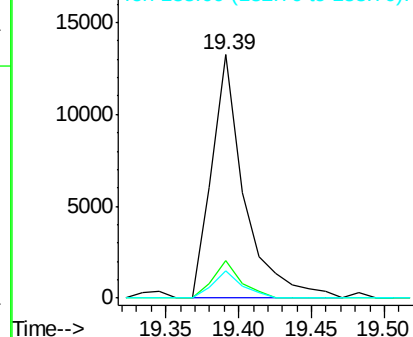
Tgt Ion	Ratio	Lower	Upper
184	100		
185	15.4	11.8	17.6
183	11.0	9.3	13.9

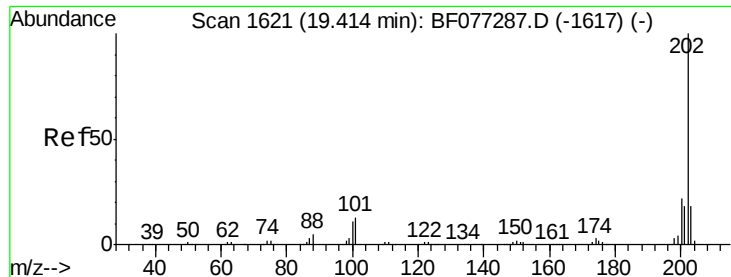


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 50.26 ng

RT: 19.41 min Scan# 1621

Delta R.T. 0.00 min

Lab File: BF077296.D

Acq: 12 Feb 2015 22:17

Instrument :

BNA_F

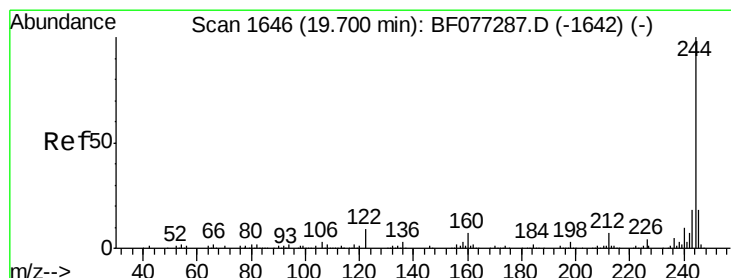
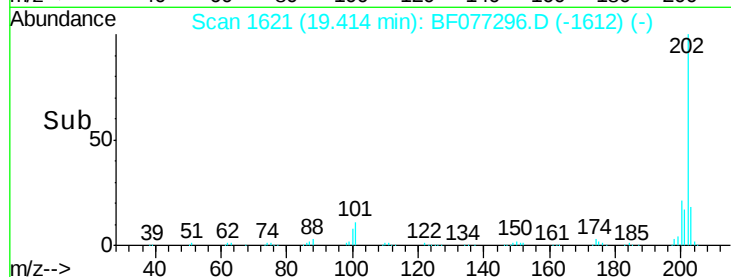
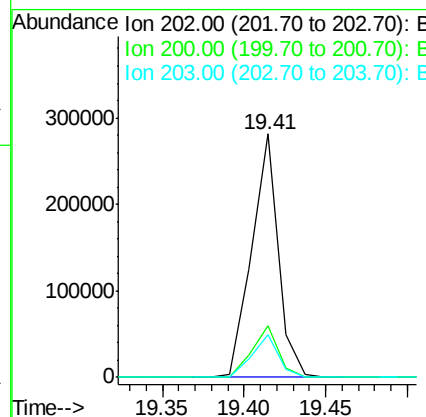
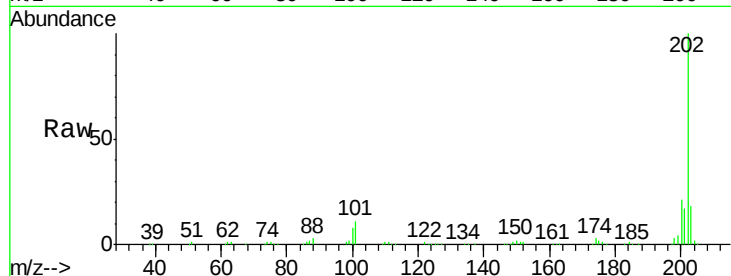
ClientSampleId :

WC-1MS

Tot Ion	Ratio	Resp	Lower	Upper
202	100			
200	21.1	17.4	26.0	
203	17.6	14.1	21.1	

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#78

Terphenyl-d14

Concen: 101.91 ng

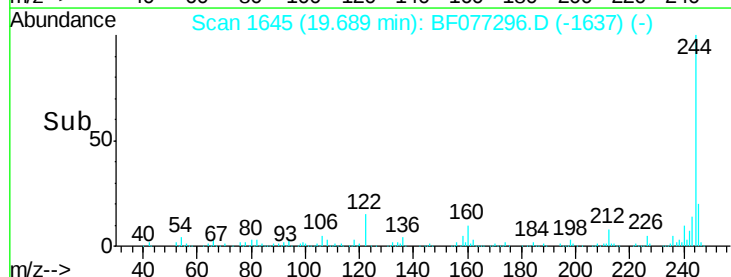
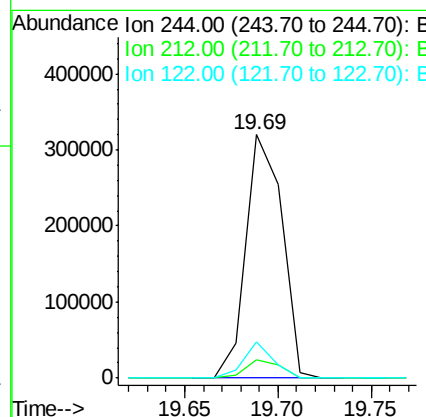
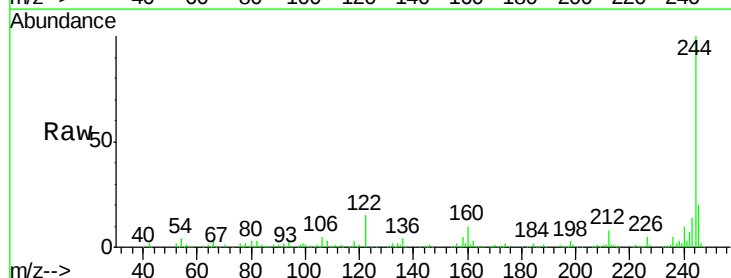
RT: 19.69 min Scan# 1645

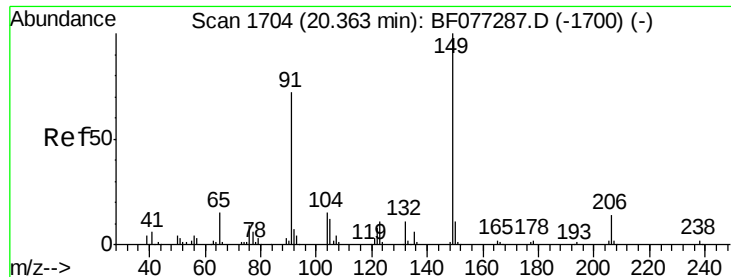
Delta R.T. -0.01 min

Lab File: BF077296.D

Acq: 12 Feb 2015 22:17

Tgt Ion	Ratio	Resp	Lower	Upper
244	100			
212	7.8	5.6	8.4	
122	14.7	7.0	10.4	





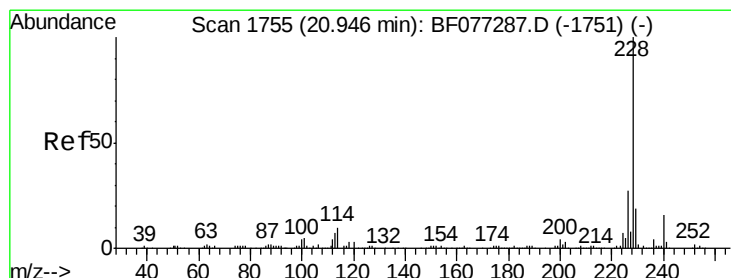
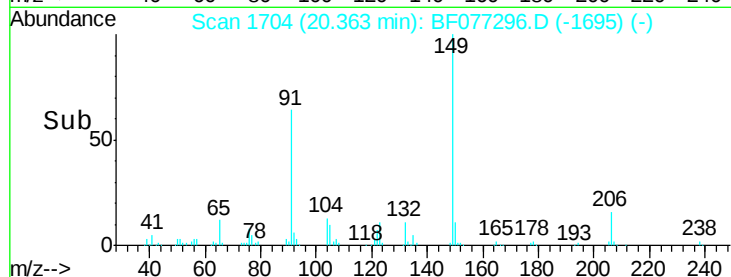
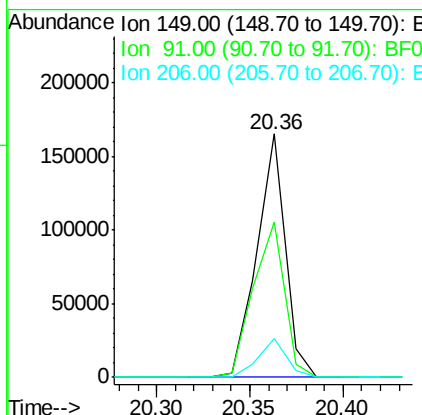
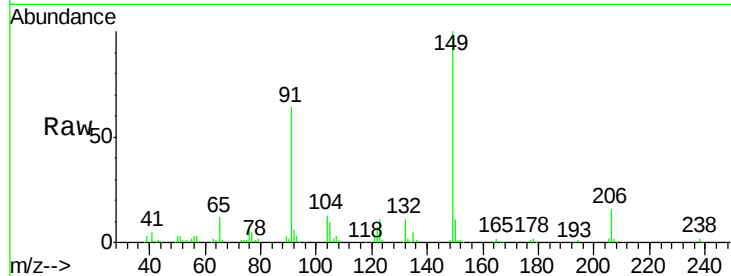
#79
Butylbenzylphthalate
Concen: 54.30 ng
RT: 20.36 min Scan# 1704
Delta R.T. 0.00 min
Lab File: BF077296.D
Acq: 12 Feb 2015 22:17

Instrument :
BNA_F
ClientSampled :
WC-1MS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	174112		
91	63.6	57.3	85.9	
206	16.0	11.6	17.4	

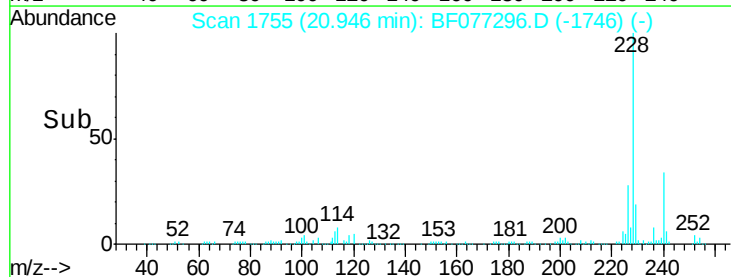
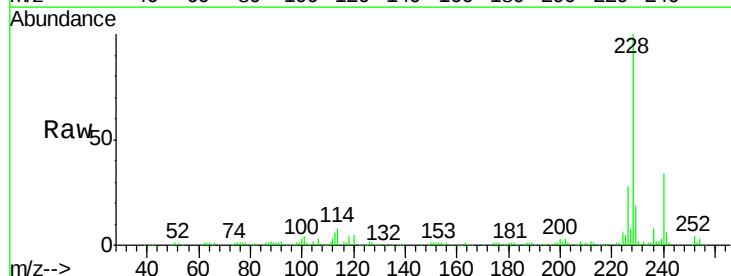
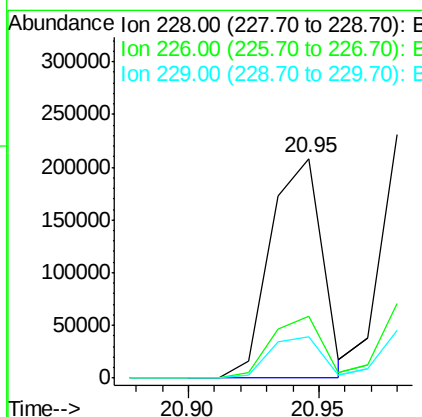
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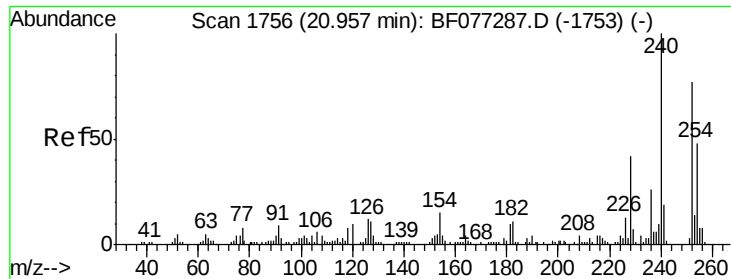
mohammad
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#80
Benzo(a)anthracene
Concen: 48.71 ng
RT: 20.95 min Scan# 1755
Delta R.T. 0.00 min
Lab File: BF077296.D
Acq: 12 Feb 2015 22:17

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	284694		
226	28.0	21.4	32.2	
229	19.1	15.5	23.3	





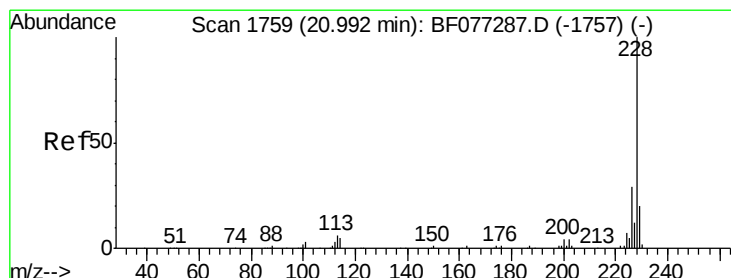
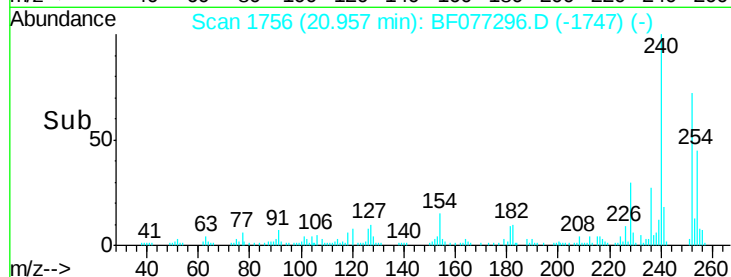
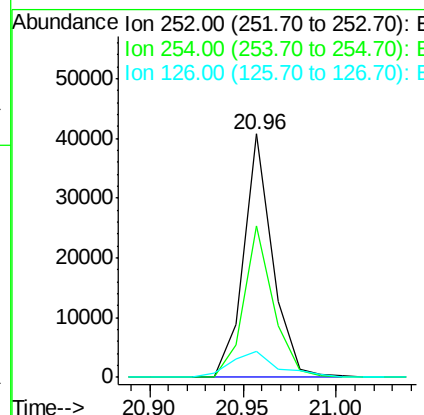
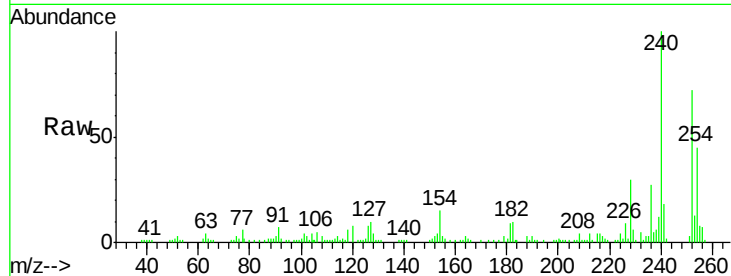
#81
 3,3'-Dichlorobenzidine
 Concen: 21.64 ng
 RT: 20.96 min Scan# 1756
 Delta R.T. 0.00 min
 Lab File: BF077296.D
 Acq: 12 Feb 2015 22:17

Instrument :
 BNA_F
 ClientSampleId :
 WC-1MS

Tot Ion	Ratio	Resp	Lower	Upper
252	100	44357		
254	62.5	49.5	74.3	
126	10.8	12.6	19.0	

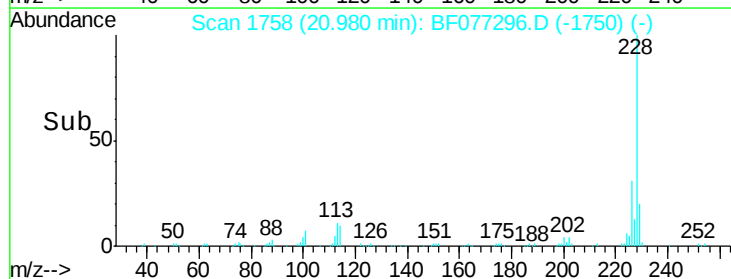
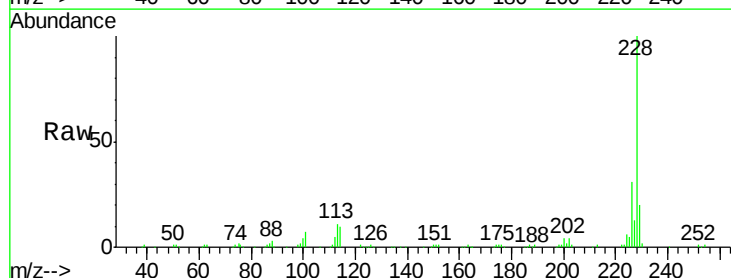
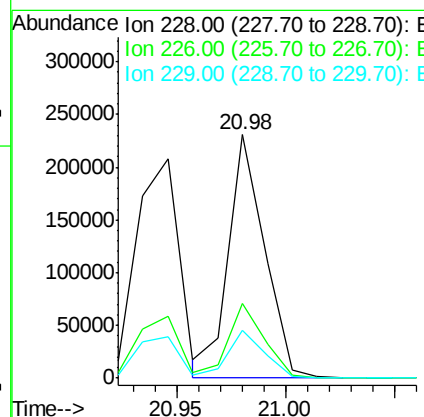
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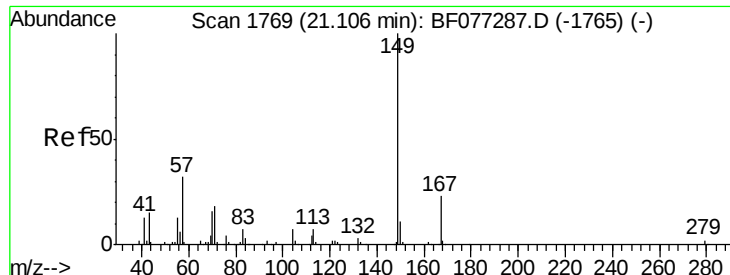
mohammad
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#82
 Chrysene
 Concen: 49.88 ng
 RT: 20.98 min Scan# 1758
 Delta R.T. -0.01 min
 Lab File: BF077296.D
 Acq: 12 Feb 2015 22:17

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	264180		
226	30.7	24.3	36.5	
229	19.6	15.8	23.8	





#83

Bis(2-ethylhexyl)phthalate

Concen: 54.65 ng

RT: 21.11 min Scan# 1769

Delta R.T. 0.00 min

Lab File: BF077296.D

Acq: 12 Feb 2015 22:17

Instrument :

BNA_F

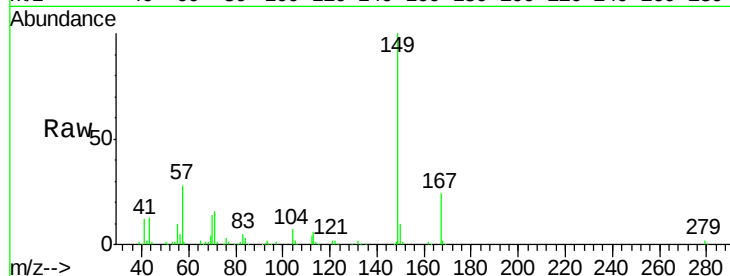
ClientSampleId :

WC-1MS

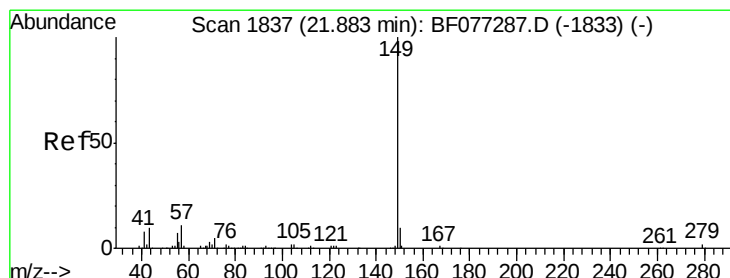
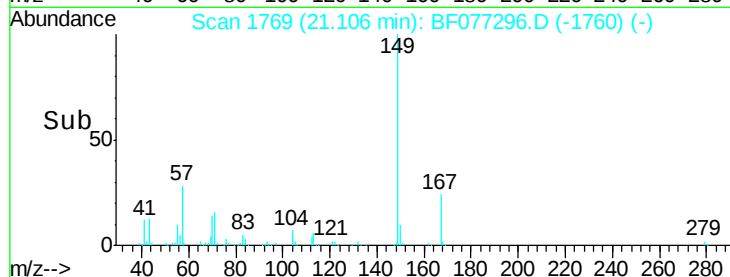
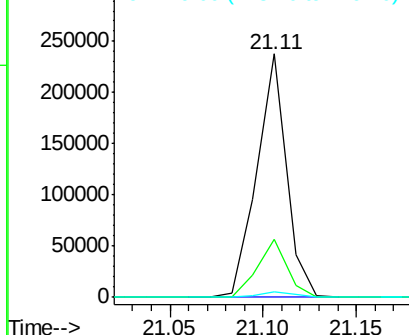
Tot Ion:	149	Resp:	260718
Ion Ratio	Lower	Upper	
149	100		
167	23.8	18.6	28.0
279	2.4	1.5	2.3#

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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: 54.04 ng

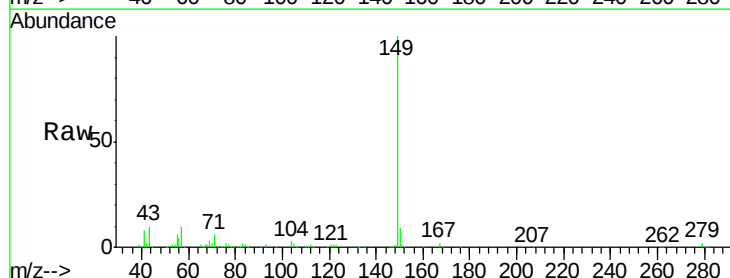
RT: 21.86 min Scan# 1835

Delta R.T. -0.02 min

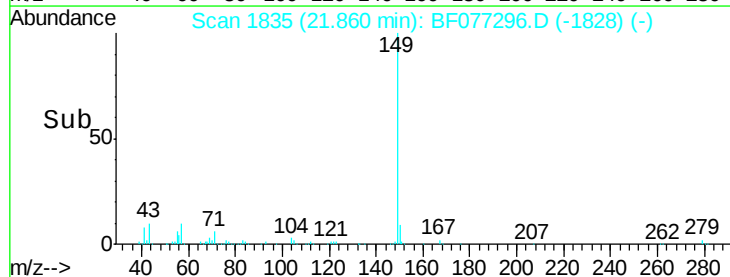
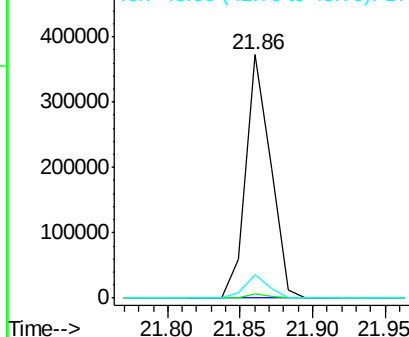
Lab File: BF077296.D

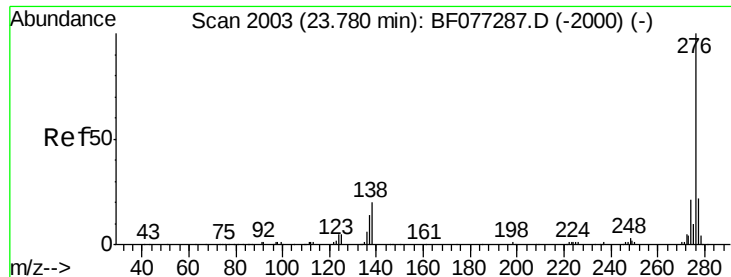
Acq: 12 Feb 2015 22:17

Tgt Ion:	149	Resp:	443379
Ion Ratio	Lower	Upper	
149	100		
167	1.5	1.1	1.7
43	9.3	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: 53.85 ng/mL

RT: 23.64 min Scan# 1991

Delta R.T. -0.14 min

Lab File: BF077296.D

Acq: 12 Feb 2015 22:17

Instrument :

BNA_F

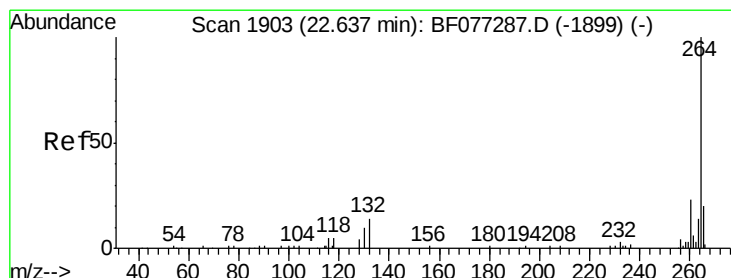
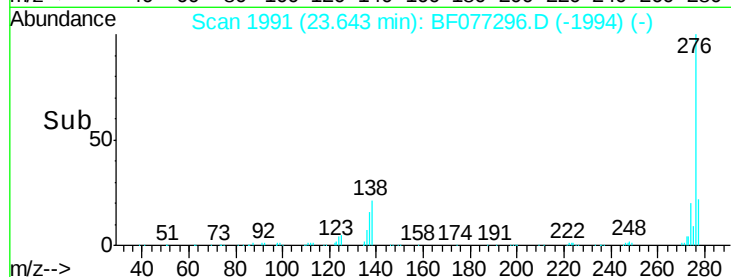
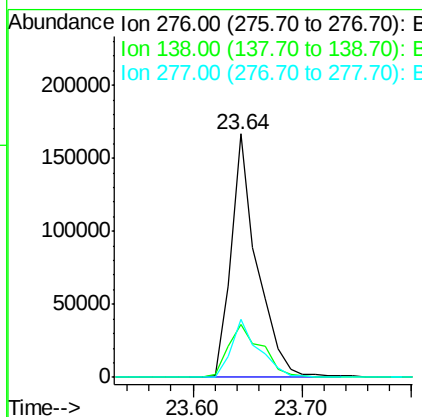
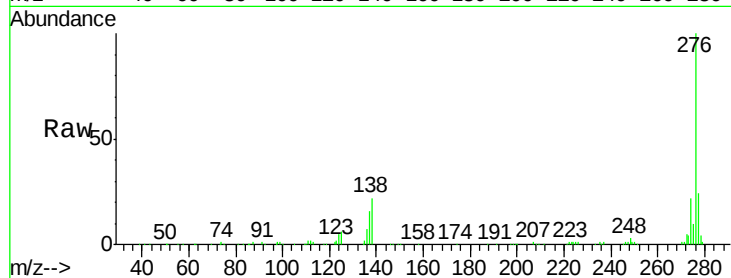
ClientSampleId :

WC-1MS

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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#86

Perylene-d12

Concen: 20.00 ng/mL

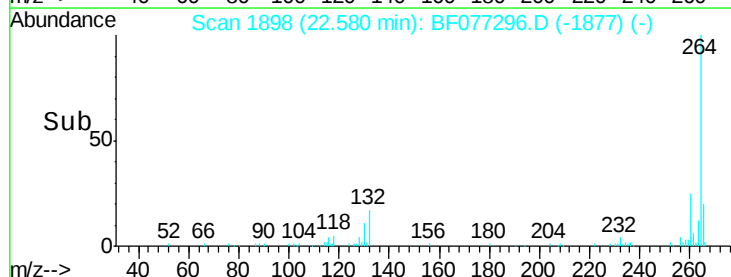
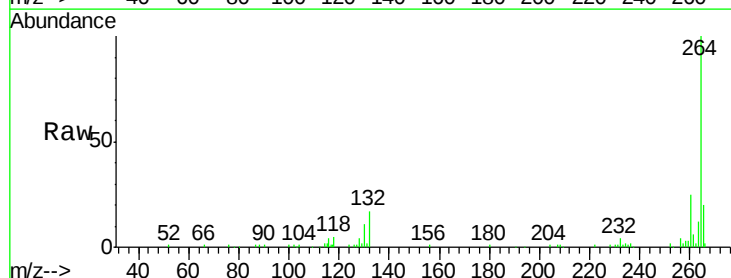
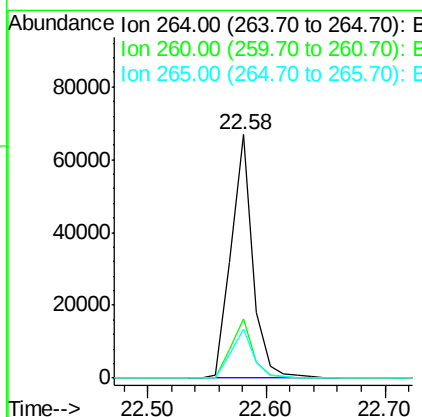
RT: 22.58 min Scan# 1898

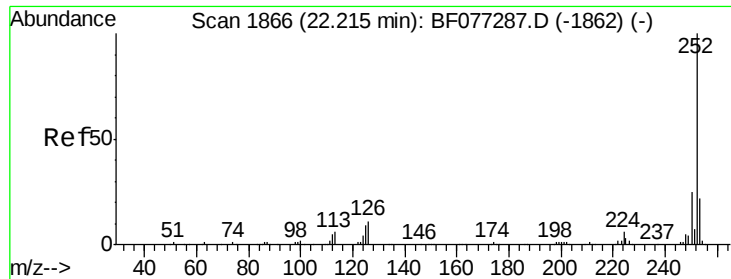
Delta R.T. -0.06 min

Lab File: BF077296.D

Acq: 12 Feb 2015 22:17

Tgt Ion	Ratio	Resp Lower	Resp Upper
264	100		
260	24.6	18.6	27.8
265	20.2	16.2	24.2





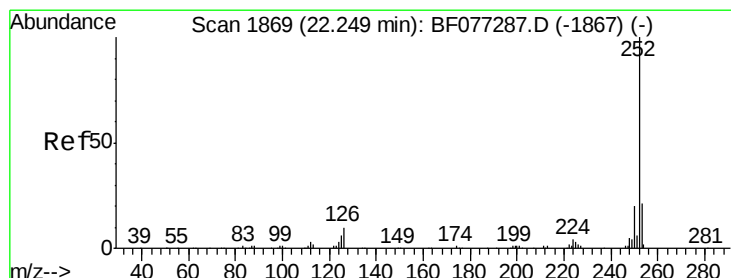
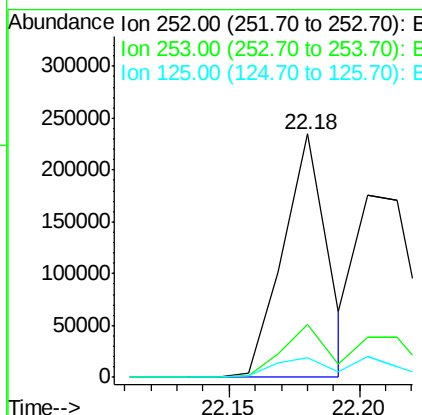
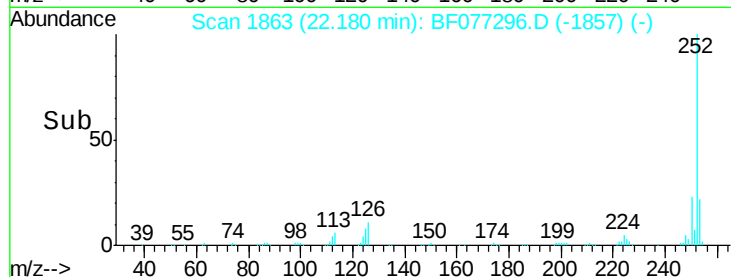
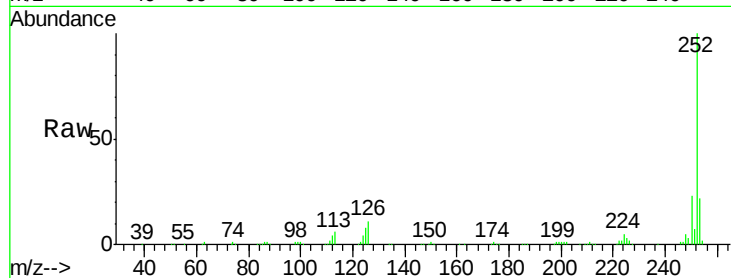
#87
Benzo(b)fluoranthene
Concen: 46.17 ng
RT: 22.18 min Scan# 1863
Delta R.T. -0.03 min
Lab File: BF077296.D
Acq: 12 Feb 2015 22:17

Instrument :
BNA_F
ClientSampleId :
WC-1MS

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.4	26.2
125	7.9	7.1	10.7

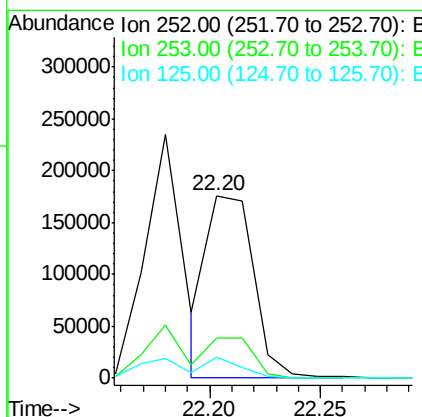
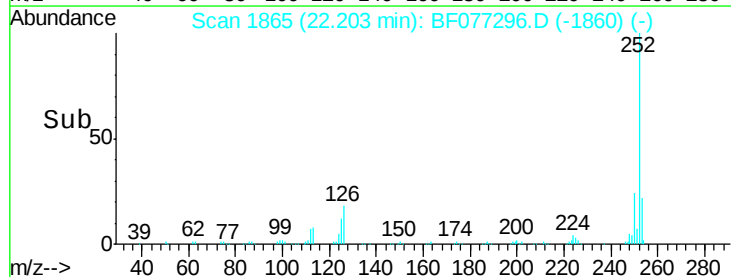
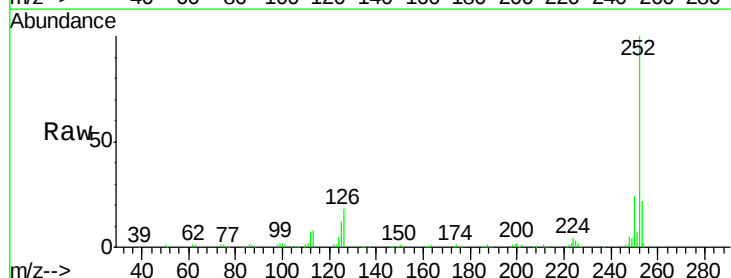
Manual Integrations
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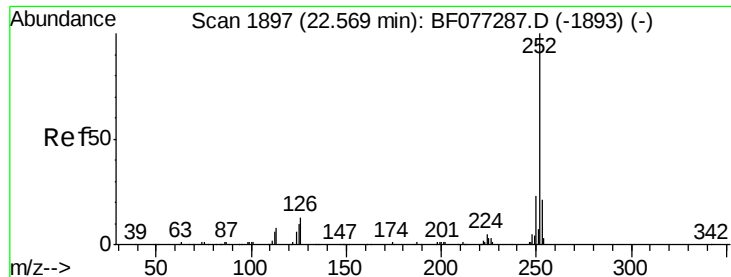
mohammad
2/13/2015 5:40:32 PM



#88
Benzo(k)fluoranthene
Concen: 56.96 ng m
RT: 22.20 min Scan# 1865
Delta R.T. -0.05 min
Lab File: BF077296.D
Acq: 12 Feb 2015 22:17

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.7	16.6	24.8
125	11.6	5.8	8.8#





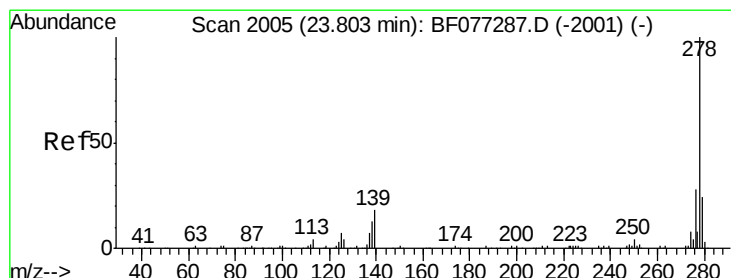
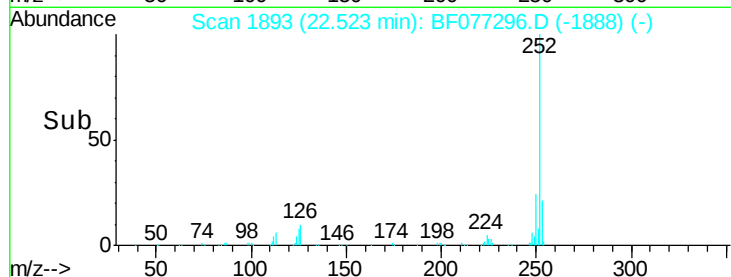
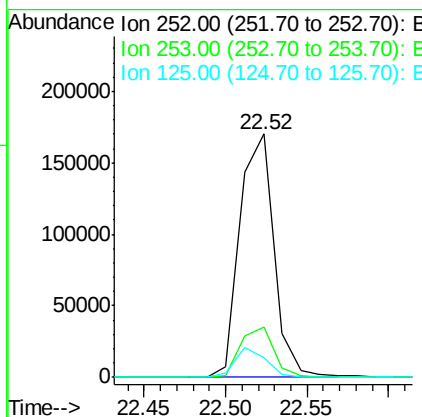
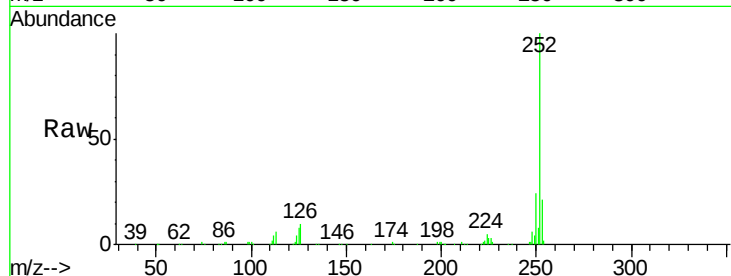
#89
Benzo(a)pyrene
Concen: 49.41 ng
RT: 22.52 min Scan# 1893
Delta R.T. -0.05 min
Lab File: BF077296.D
Acq: 12 Feb 2015 22:17

Instrument :
BNA_F
ClientSampleId :
WC-1MS

Tot Ion	Ratio	Resp	Lower	Upper
252	100	246928		
253	20.8		17.2	25.8
125	8.1		8.2	12.4

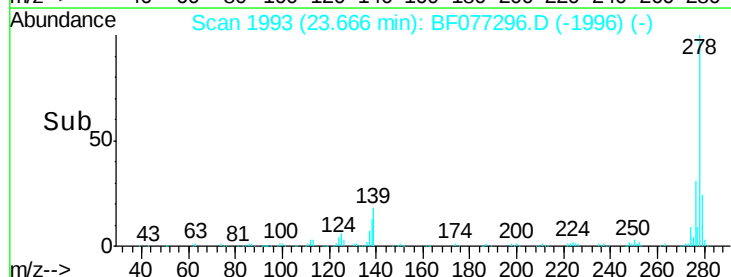
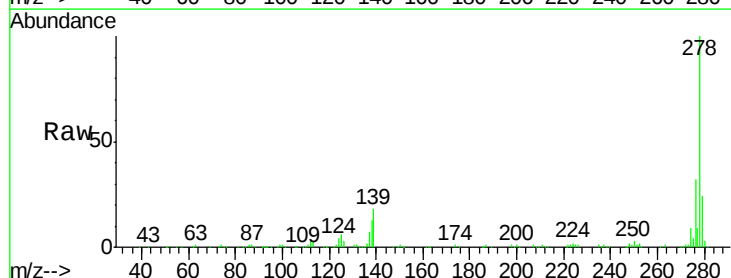
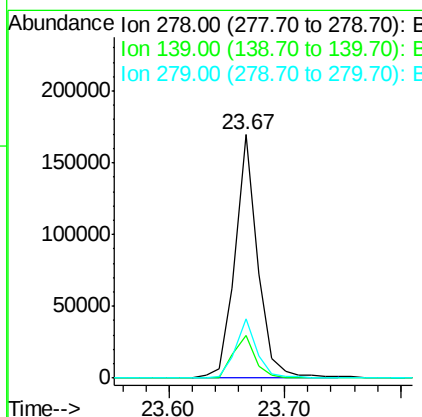
Manual Integrations
APPROVED

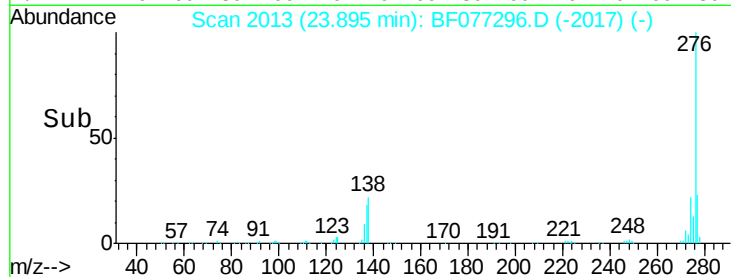
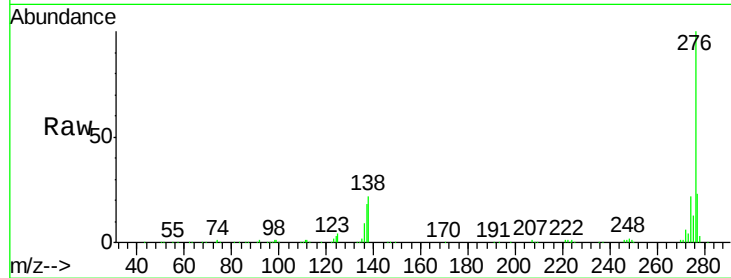
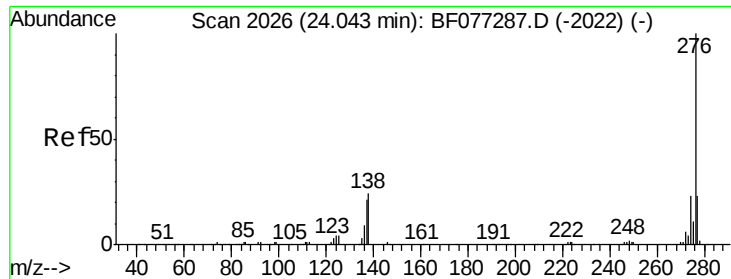
mohammad
2/13/2015 5:40:32 PM



#90
Dibenzo(a,h)anthracene
Concen: 52.31 ng m
RT: 23.67 min Scan# 1993
Delta R.T. -0.14 min
Lab File: BF077296.D
Acq: 12 Feb 2015 22:17

Tgt Ion	Ratio	Resp	Lower	Upper
278	100	232198		
139	17.7		14.2	21.2
279	24.2		18.9	28.3





#91

Benzo(a,h,i)perylene

Concen: 52.51 ng m

RT: 23.89 min Scan# 2013

Delta R.T. -0.15 min

Lab File: BF077296.D

Acq: 12 Feb 2015 22:17

Instrument :

BNA_F

ClientSampleId :

WC-1MS

Tot Ion:	276	Resp:	230619
Ion Ratio	Lower	Upper	
276	100		
277	23.4	18.7	28.1
138	22.0	19.1	28.7

Manual Integrations
APPROVED

mohammad
2/13/2015 5:40:32 PM

