

Data Path : Z:\HPCHEM1\BNA F\DATA\BF021215\
 Data File : BF077291.D
 Acq On : 12 Feb 2015 18:50
 Operator : TP/IZ
 Sample : SSTDICV040
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ICBF021215

Manual Integrations
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 2/13/2015 5:40:16 PM

Quant Time: Feb 13 11:50:56 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	28735	20.00	ng	0.00
21) Naphthalene-d8	10.41	136	119699	20.00	ng	0.00
38) Acenaphthene-d10	14.52	164	66422	20.00	ng	0.00
63) Phenanthrene-d10	17.44	188	112416	20.00	ng	0.00
75) Chrysene-d12	20.96	240	107668	20.00	ng	0.00
86) Perylene-d12	22.58	264	91626	20.00	ng	-0.06

System Monitoring Compounds						
5) 2-Fluorophenol	4.49	112	145232	79.25	ng	0.00
7) Phenol-d6	6.93	99	185414	81.53	ng	0.00
23) Nitrobenzene-d5	8.82	82	187001	89.24	ng	0.00
41) 2,4,6-Tribromophenol	16.31	330	47335	87.39	ng	0.00
44) 2-Fluorobiphenyl	13.07	172	367715	83.32	ng	0.00
78) Terphenyl-d14	19.70	244	400722	83.60	ng	0.00

Target Compounds						Qvalue
2) 1,4-Dioxane	1.00	88	23533	33.94	ng	94
3) Pyridine	1.41	79	72924	39.69	ng	94
4) n-Nitrosodimethylamine	1.38	42	33774m	33.34	ng	
6) Aniline	6.78	93	126596	42.08	ng	96
8) 2-Chlorophenol	7.02	128	82631	39.63	ng	97
9) Benzaldehyde	6.50	77	56926	40.65	ng	98
10) Phenol	6.96	94	91045	38.95	ng	96
11) bis(2-Chloroethyl)ether	7.05	93	75883	40.73	ng	99
12) 1,3-Dichlorobenzene	7.33	146	92216	40.01	ng	99
13) 1,4-Dichlorobenzene	7.54	146	93621	39.39	ng	96
14) 1,2-Dichlorobenzene	7.85	146	91496	40.63	ng	97
15) Benzyl Alcohol	7.96	79	76753	42.61	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.30	45	104687	40.10	ng	92
17) 2-Methylphenol	8.32	107	65885	40.85	ng	# 89
18) Hexachloroethane	8.59	117	35583	41.21	ng	95
19) n-Nitroso-di-n-propylamine	8.59	70	63973	40.00	ng	97
20) 3+4-Methylphenols	8.70	107	81100	39.02	ng	90
22) Acetophenone	8.51	105	128092	44.55	ng	98
24) Nitrobenzene	8.85	77	87702	42.21	ng	98
25) Isophorone	9.46	82	165480	43.81	ng	97
26) 2-Nitrophenol	9.60	139	43932	42.71	ng	96
27) 2,4-Dimethylphenol	9.89	122	76525	45.08	ng	96
28) bis(2-Chloroethoxy)methane	10.10	93	101243	44.02	ng	97
29) 2,4-Dichlorophenol	10.21	162	62645	40.38	ng	96
30) 1,2,4-Trichlorobenzene	10.33	180	74765	42.63	ng	98
31) Naphthalene	10.45	128	252420	42.72	ng	99
32) Benzoic acid	10.32	122	10309	39.49	ng	94
33) 4-Chloroaniline	10.73	127	104644	43.91	ng	98
34) Hexachlorobutadiene	10.83	225	44122	44.28	ng	97
35) Caprolactam	11.61	113	19718	41.87	ng	100
36) 4-Chloro-3-methylphenol	12.04	107	76454	44.06	ng	98
37) 2-Methylnaphthalene	12.11	142	184976	41.76	ng	99
39) 1,2,4,5-Tetrachlorobenzene	12.51	216	69395	41.51	ng	# 100
40) Hexachlorocyclopentadiene	12.50	237	30968	41.96	ng	97

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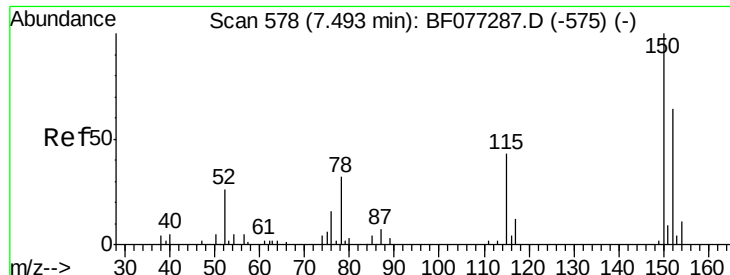
Manual Integrations
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Quant Time: Feb 13 11:50:56 2015
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	12.88	196	46773	42.57	ng	99
43) 2,4,5-Trichlorophenol	12.98	196	41847	38.87	ng	95
45) 1,1'-Biphenyl	13.27	154	213776	41.77	ng	99
46) 2-Chloronaphthalene	13.23	162	171208	41.89	ng	99
47) 2-Nitroaniline	13.60	65	53441	44.74	ng	98
48) Acenaphthylene	14.18	152	268000	41.55	ng	99
49) Dimethylphthalate	14.16	163	200095	41.65	ng	99
50) 2,6-Dinitrotoluene	14.25	165	39683	42.73	ng	96
51) Acenaphthene	14.60	154	153751	41.16	ng	97
52) 3-Nitroaniline	14.59	138	48116	42.35	ng	93
53) 2,4-Dinitrophenol	14.90	184	8674	39.30	ng	# 82
54) Dibenzofuran	15.03	168	237021	41.04	ng	99
55) 4-Nitrophenol	15.25	139	22992	41.58	ng	92
56) 2,4-Dinitrotoluene	15.19	165	55813	42.06	ng	95
57) Fluorene	15.80	166	193912	41.01	ng	94
58) 2,3,4,6-Tetrachlorophenol	15.40	232	30628	42.12	ng	# 100
59) Diethylphthalate	15.83	149	210812	42.15	ng	98
60) 4-Chlorophenyl-phenylether	15.92	204	82320	41.87	ng	98
61) 4-Nitroaniline	15.99	138	44383	41.88	ng	100
62) Azobenzene	16.21	77	219270	45.95	ng	98
64) 4,6-Dinitro-2-methylphenol	16.07	198	25445	40.31	ng	95
65) n-Nitrosodiphenylamine	16.18	169	161328	40.24	ng	100
66) 4-Bromophenyl-phenylether	16.80	248	48806	41.54	ng	98
67) Hexachlorobenzene	16.81	284	50696	42.38	ng	99
68) Atrazine	17.20	200	50990	40.15	ng	94
69) Pentachlorophenol	17.20	266	12550	39.50	ng	94
70) Phenanthrene	17.47	178	271339	40.02	ng	99
71) Anthracene	17.55	178	272128	40.00	ng	99
72) Carbazole	17.85	167	262253	40.36	ng	100
73) Di-n-butylphthalate	18.45	149	356275	43.08	ng	100
74) Fluoranthene	19.13	202	281813	40.35	ng	100
76) Benzidine	19.38	184	161842	37.08	ng	98
77) Pyrene	19.41	202	290696	40.48	ng	100
79) Butylbenzylphthalate	20.36	149	156075	42.93	ng	96
80) Benzo(a)anthracene	20.95	228	271650	40.99	ng	100
81) 3,3'-Dichlorobenzidine	20.96	252	93986	40.45	ng	97
82) Chrysene	20.98	228	233696	38.92	ng	98
83) Bis(2-ethylhexyl)phthalate	21.11	149	228892	42.31	ng	# 98
84) Di-n-octyl phthalate	21.86	149	414174	44.52	ng	98
85) Indeno(1,2,3-cd)pyrene	23.64	276	244553m	41.88	ng	
87) Benzo(b)fluoranthene	22.18	252	230639m	35.35	ng	
88) Benzo(k)fluoranthene	22.21	252	234371m	47.56	ng	
89) Benzo(a)pyrene	22.52	252	224059	41.24	ng	99
90) Dibenzo(a,h)anthracene	23.67	278	201952m	41.85	ng	
91) Benzo(g,h,i)perylene	23.89	276	197775m	41.43	ng	

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



#1

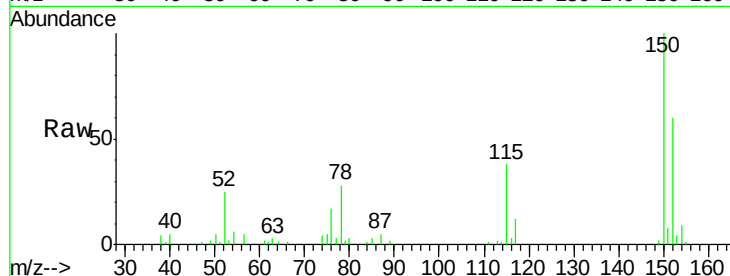
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.49 min Scan# 578
Delta R.T. 0.00 min
Lab File: BF077291.D
Acq: 12 Feb 2015 18:50

Instrument :
BNA_F
ClientSampleId :
ICVBF021215

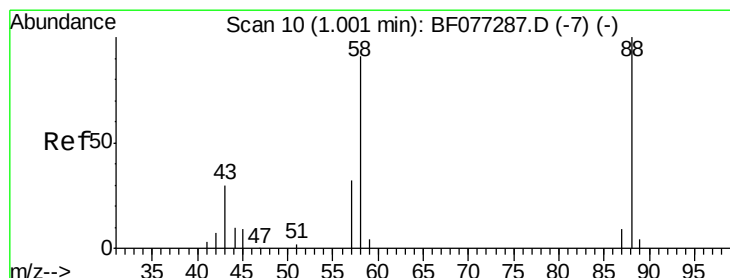
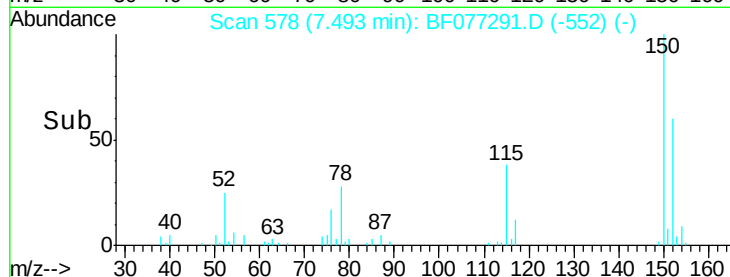
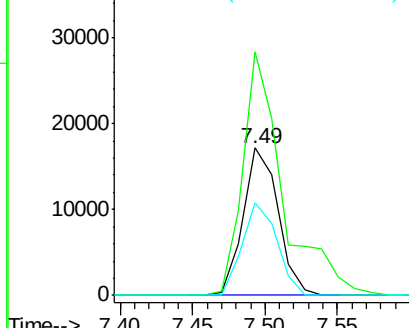
Tot Ion	Ratio	Lower	Upper
152	100		
150	165.5	124.9	187.3
115	62.5	54.1	81.1

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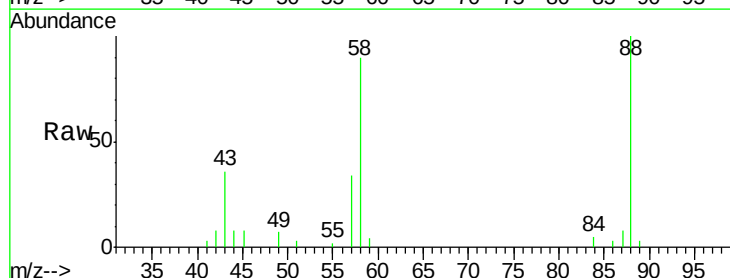
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



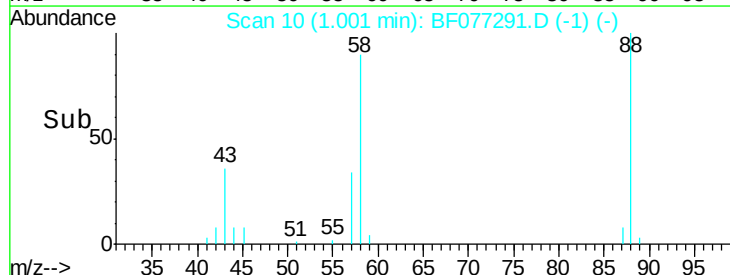
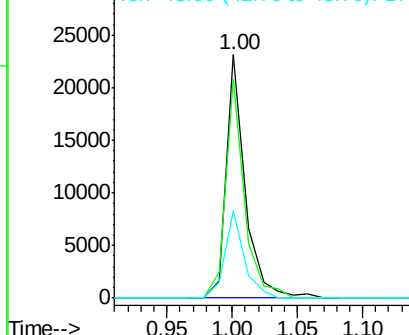
#2

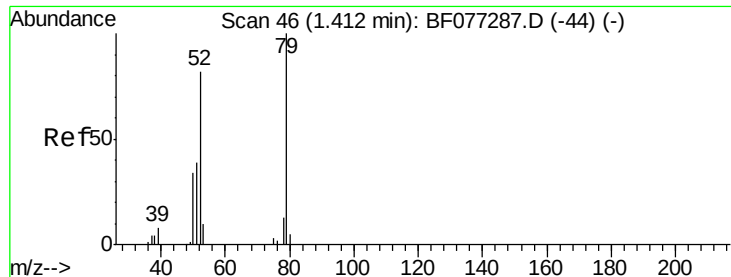
1,4-Dioxane
Concen: 33.94 ng
RT: 1.00 min Scan# 10
Delta R.T. 0.00 min
Lab File: BF077291.D
Acq: 12 Feb 2015 18:50

Tgt Ion	Ratio	Lower	Upper
88	100		
58	88.9	77.0	115.6
43	36.6	28.1	42.1



Abundance Ion 88.00 (87.70 to 88.70): BF0
Ion 58.00 (57.70 to 58.70): BF0
Ion 43.00 (42.70 to 43.70): BF0





#3

Pvridine

Concen: 39.69 ng

RT: 1.41 min Scan# 46

Delta R.T. 0.00 min

Lab File: BF077291.D

Acq: 12 Feb 2015 18:50

Instrument :

BNA_F

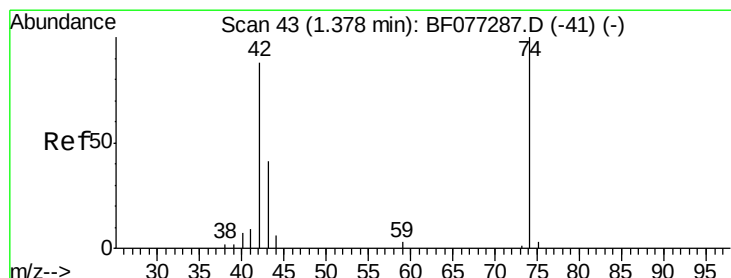
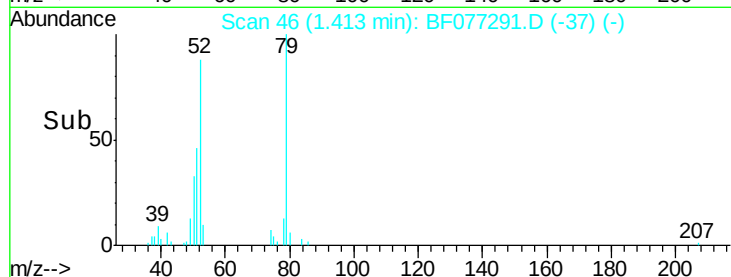
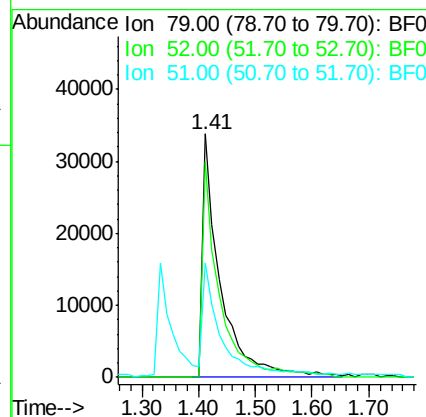
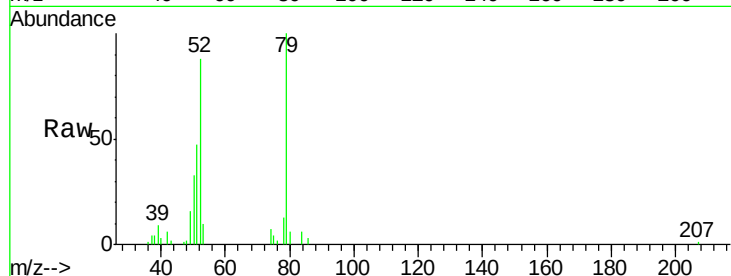
ClientSampleId :

ICVBF021215

Tot Ion:	79	Resp:	72924
Ion	Ratio	Lower	Upper
79	100		
52	88.4	65.3	97.9
51	46.7	35.4	53.0

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#4

n-Nitrosodimethylamine

Concen: 33.34 ng m

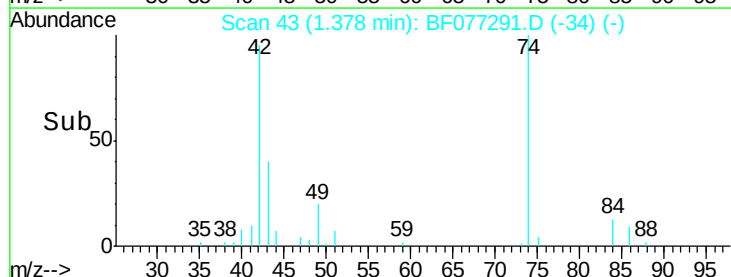
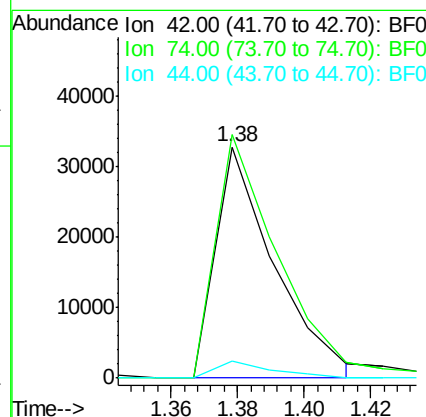
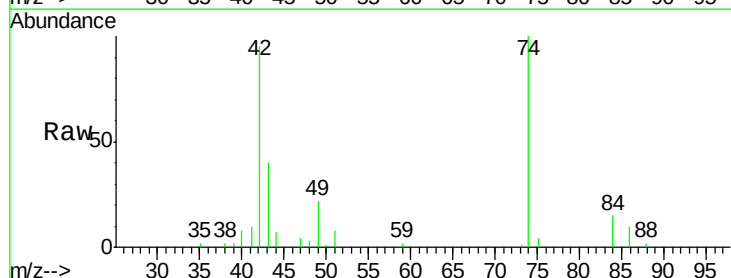
RT: 1.38 min Scan# 43

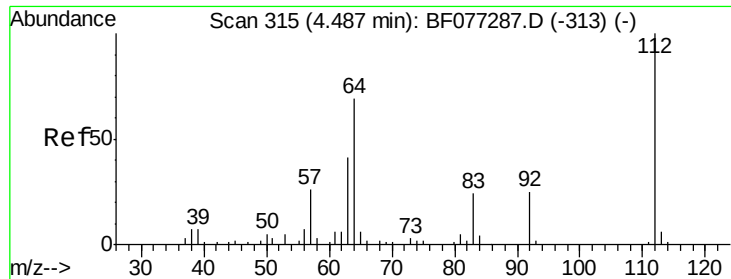
Delta R.T. 0.00 min

Lab File: BF077291.D

Acq: 12 Feb 2015 18:50

Tgt Ion:	42	Resp:	33774
Ion	Ratio	Lower	Upper
42	100		
74	107.6	90.8	136.2
44	7.6	5.8	8.6





#5

2-Fluorophenol

Concen: 79.25 ng

RT: 4.49 min Scan# 315

Delta R.T. 0.00 min

Lab File: BF077291.D

Acq: 12 Feb 2015 18:50

Instrument :

BNA_F

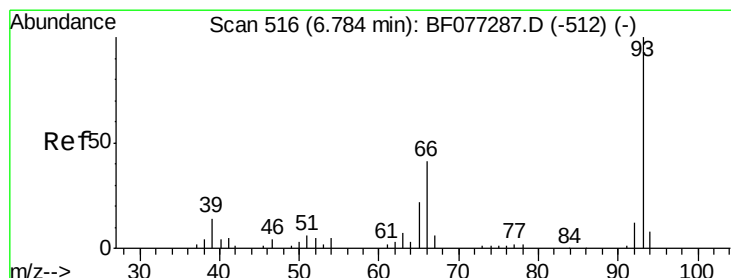
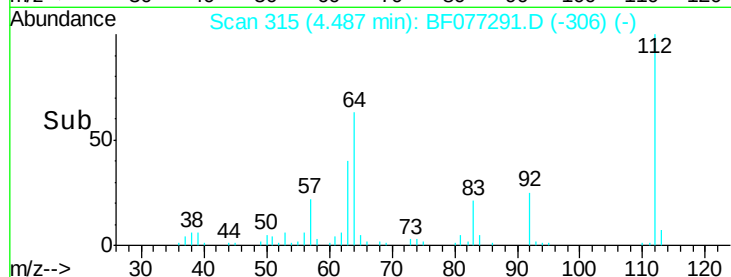
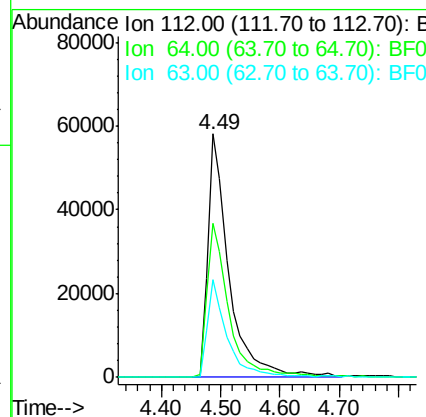
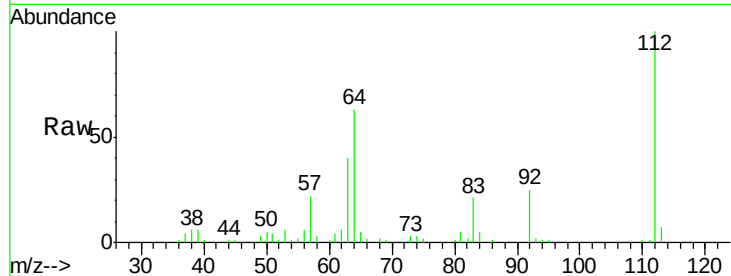
ClientSampleId :

ICVBF021215

Tot Ion:	112	Resp:	145232
Ion Ratio	Lower	Upper	
112	100		
64	63.2	55.0	82.4
63	40.0	33.0	49.6

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#6

Aniline

Concen: 42.08 ng

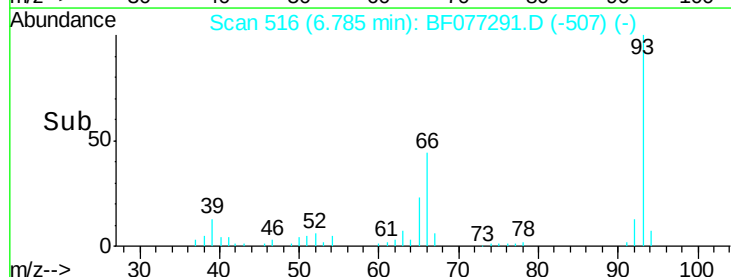
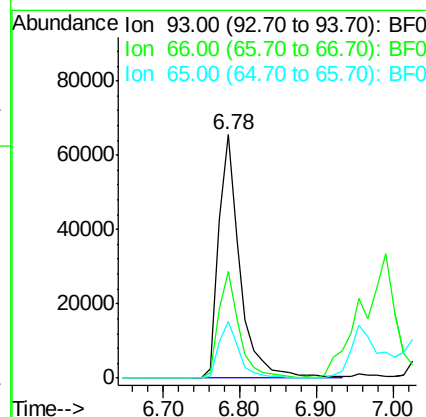
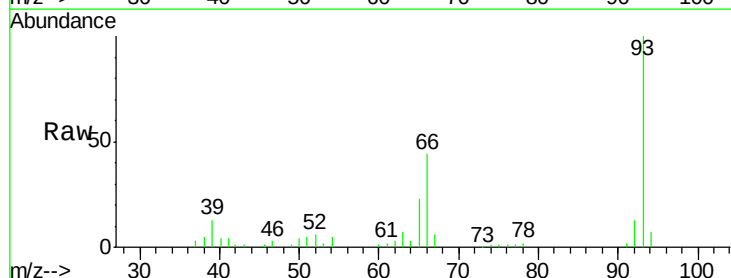
RT: 6.78 min Scan# 516

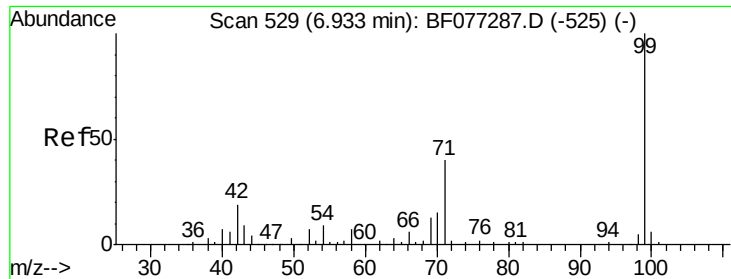
Delta R.T. 0.00 min

Lab File: BF077291.D

Acq: 12 Feb 2015 18:50

Tgt Ion:	93	Resp:	126596
Ion Ratio	Lower	Upper	
93	100		
66	43.6	33.1	49.7
65	23.2	17.2	25.8





#7

Phenol-d6

Concen: 81.53 ng

RT: 6.93 min Scan# 529

Delta R.T. 0.00 min

Lab File: BF077291.D

Acq: 12 Feb 2015 18:50

Instrument :

BNA_F

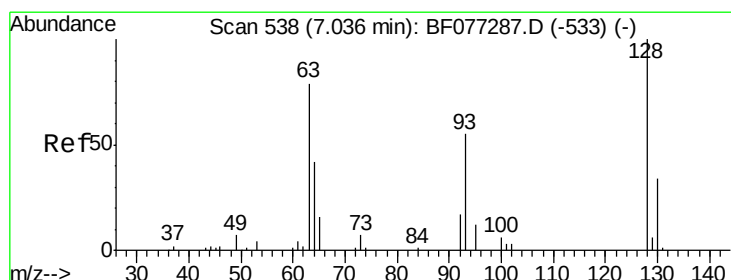
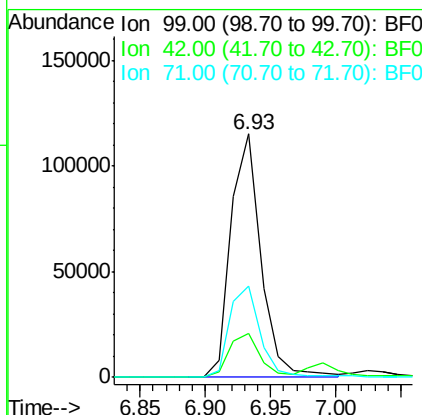
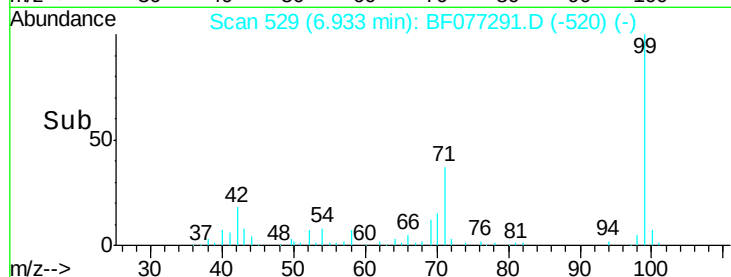
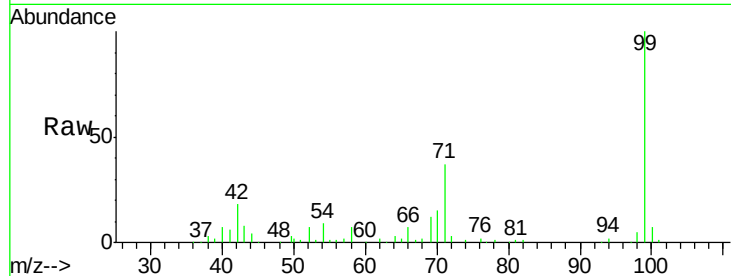
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Tot Ion:	99	Resp:	185414
Ion Ratio	Lower	Upper	
99	100		
42	17.9	15.0	22.4
71	37.4	31.8	47.6

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#8

2-Chlorophenol

Concen: 39.63 ng

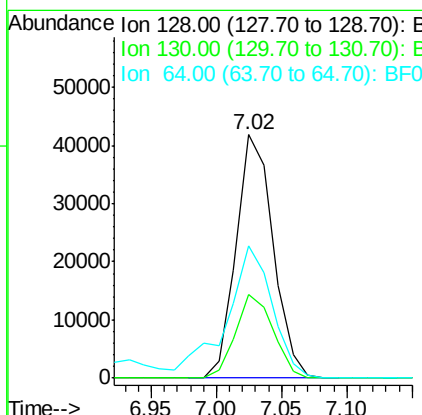
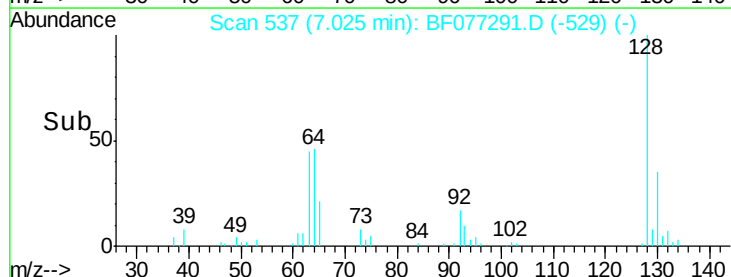
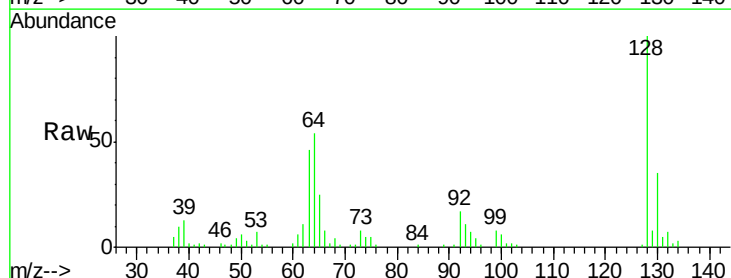
RT: 7.02 min Scan# 537

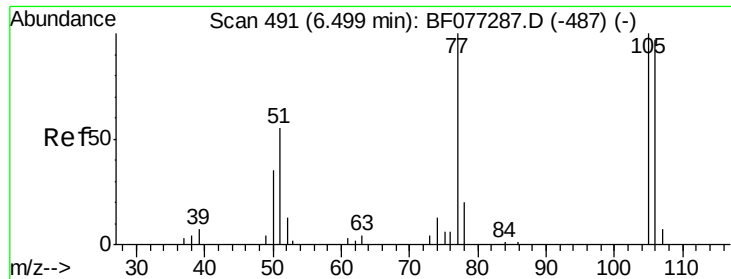
Delta R.T. -0.01 min

Lab File: BF077291.D

Acq: 12 Feb 2015 18:50

Tgt Ion:	128	Resp:	82631
Ion Ratio	Lower	Upper	
128	100		
130	34.5	14.4	54.4
64	54.1	30.4	70.4





#9

Benzaldehyde

Concen: 40.65 ng

RT: 6.50 min Scan# 491

Delta R.T. 0.00 min

Lab File: BF077291.D

Acq: 12 Feb 2015 18:50

Instrument :

BNA_F

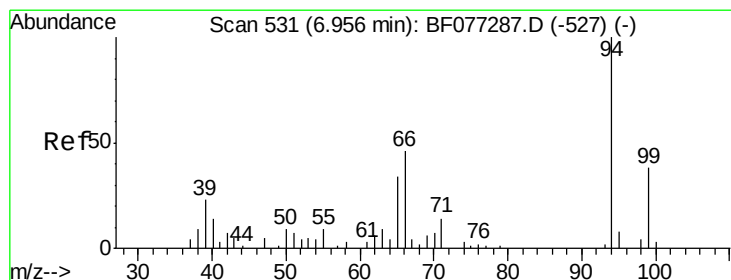
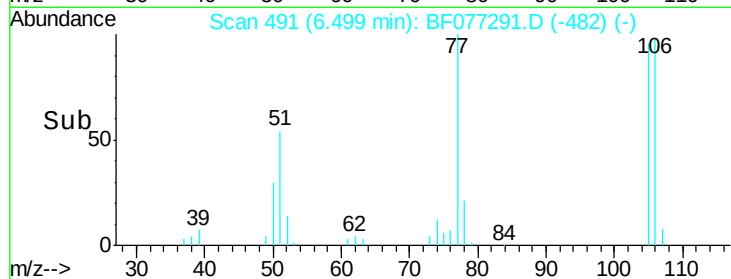
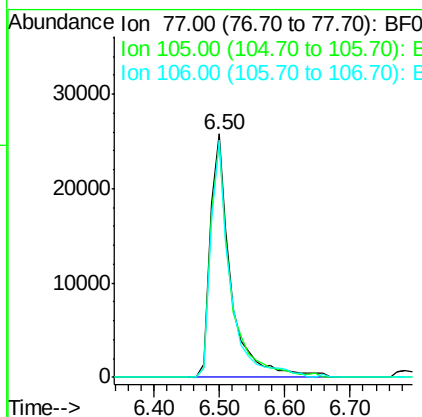
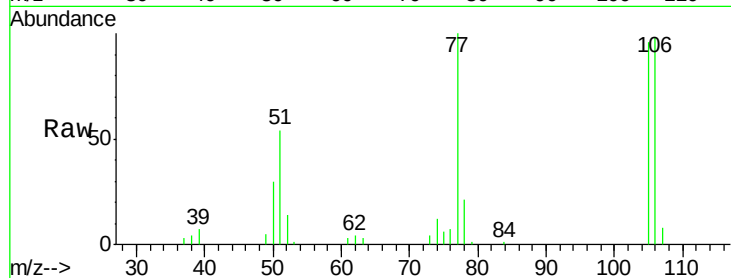
ClientSampleId :

ICVBF021215

Tot Ion	Ratio	Lower	Upper
77	100		
105	96.5	80.4	120.4
106	97.6	77.5	117.5

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#10

Phenol

Concen: 38.95 ng

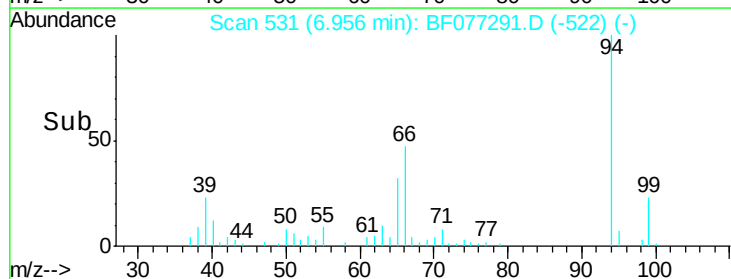
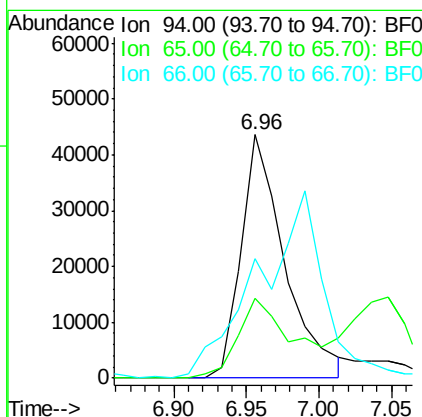
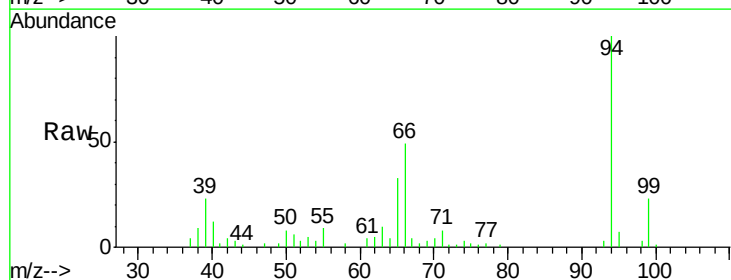
RT: 6.96 min Scan# 531

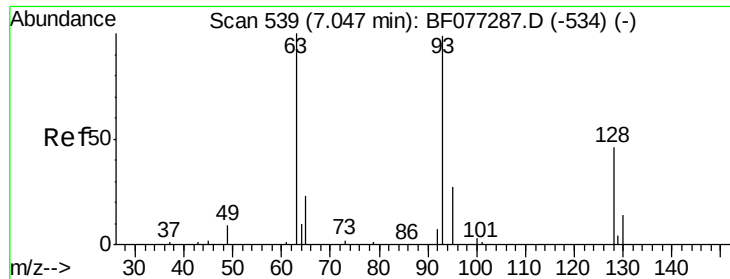
Delta R.T. 0.00 min

Lab File: BF077291.D

Acq: 12 Feb 2015 18:50

Tgt Ion	Ratio	Lower	Upper
94	100		
65	32.8	14.2	54.2
66	49.2	25.7	65.7





#11

bis(2-Chloroethyl)ether

Concen: 40.73 ng

RT: 7.05 min Scan# 539

Delta R.T. 0.00 min

Lab File: BF077291.D

Acq: 12 Feb 2015 18:50

Instrument :

BNA_F

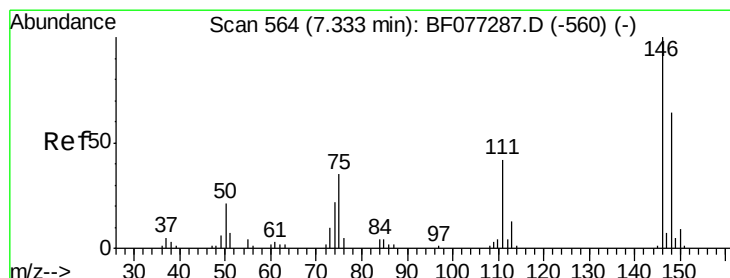
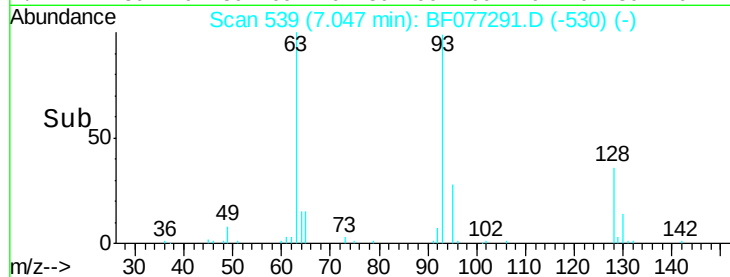
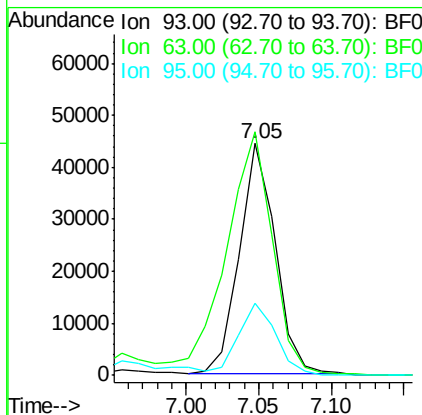
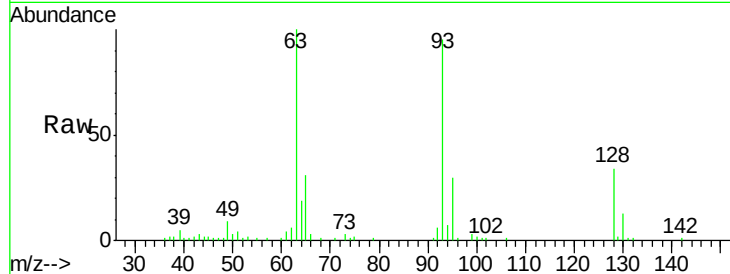
ClientSampleId :

ICVBF021215

Tot Ion:	93	Resp:	75883
Ion	Ratio	Lower	Upper
93	100		
63	105.1	86.6	126.6
95	31.2	12.0	52.0

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#12

1,3-Dichlorobenzene

Concen: 40.01 ng

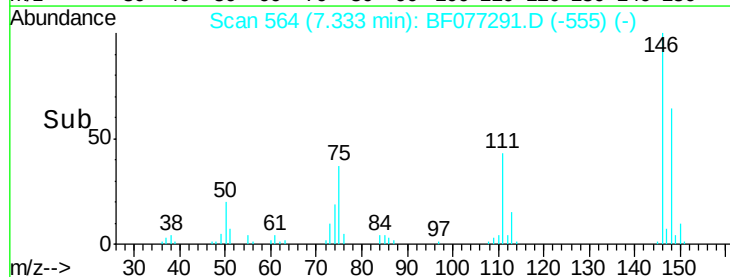
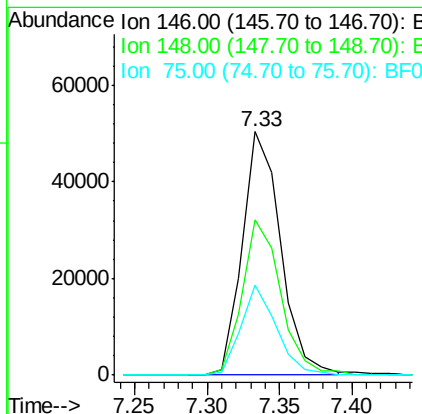
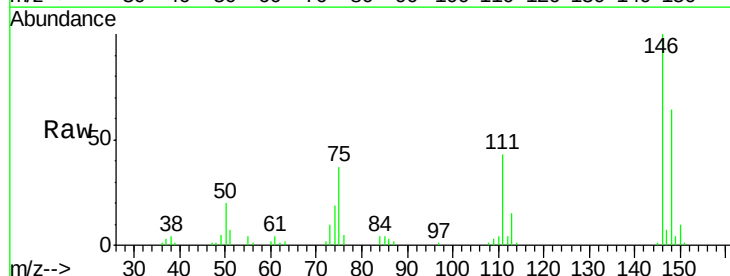
RT: 7.33 min Scan# 564

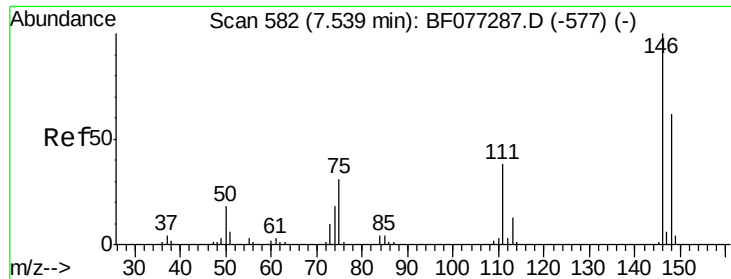
Delta R.T. 0.00 min

Lab File: BF077291.D

Acq: 12 Feb 2015 18:50

Tgt Ion:	146	Resp:	92216
Ion	Ratio	Lower	Upper
146	100		
148	63.9	50.9	76.3
75	36.9	28.1	42.1





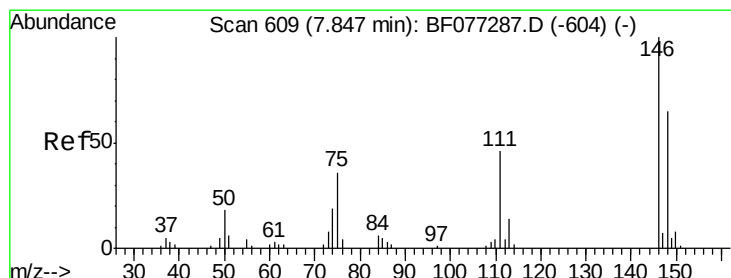
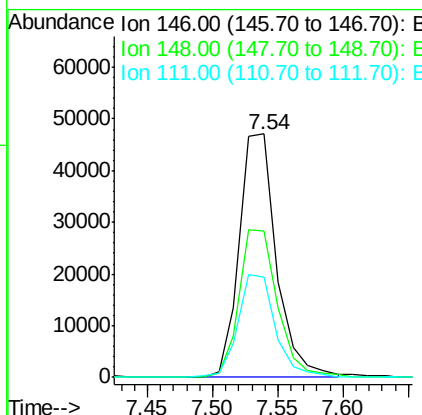
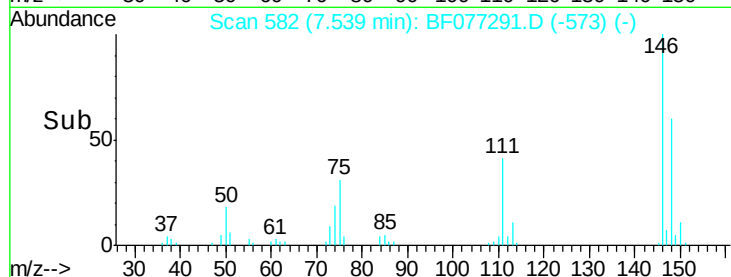
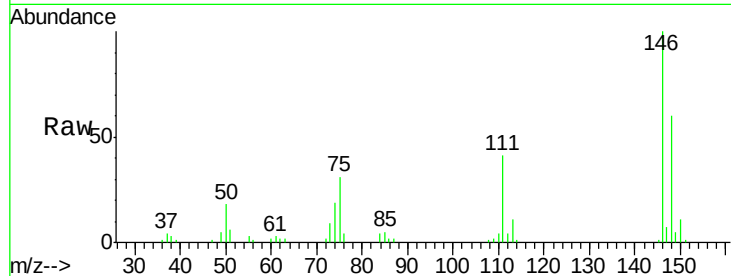
#13
 1,4-Dichlorobenzene
 Concen: 39.39 ng
 RT: 7.54 min Scan# 582
 Delta R.T. 0.00 min
 Lab File: BF077291.D
 Acq: 12 Feb 2015 18:50

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF021215

Tot Ion	Ratio	Lower	Upper
146	100		
148	60.3	49.8	74.6
111	41.1	30.2	45.2

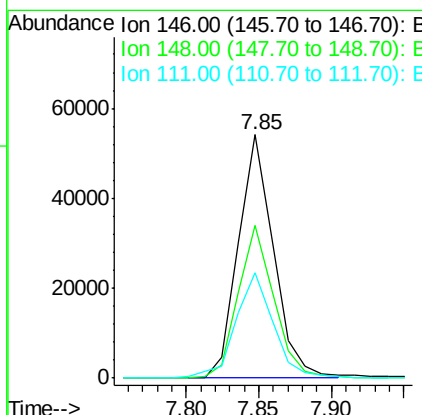
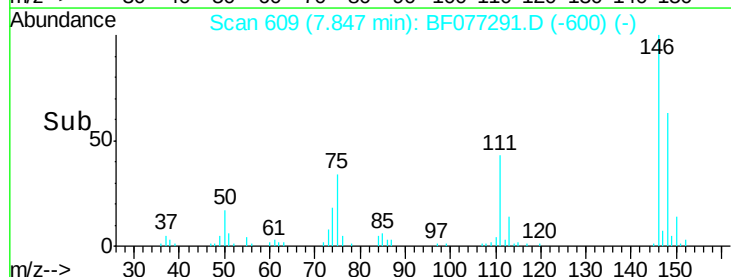
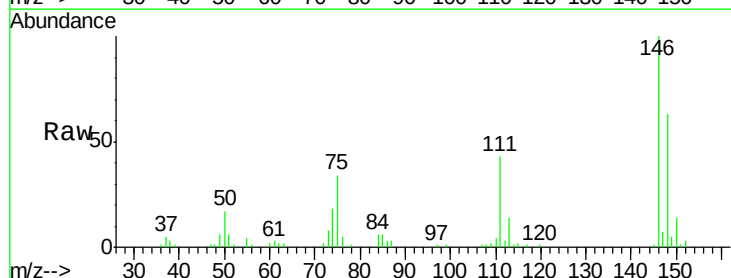
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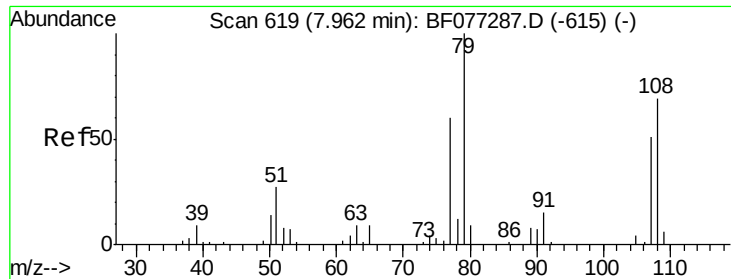
mohammad
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#14
 1,2-Dichlorobenzene
 Concen: 40.63 ng
 RT: 7.85 min Scan# 609
 Delta R.T. 0.00 min
 Lab File: BF077291.D
 Acq: 12 Feb 2015 18:50

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.9	52.0	78.0
111	43.2	37.0	55.4





#15

Benzyl Alcohol

Concen: 42.61 ng

RT: 7.96 min Scan# 619

Delta R.T. 0.00 min

Lab File: BF077291.D

Acq: 12 Feb 2015 18:50

Instrument :

BNA_F

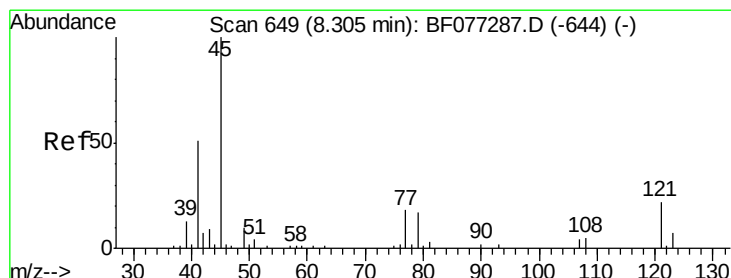
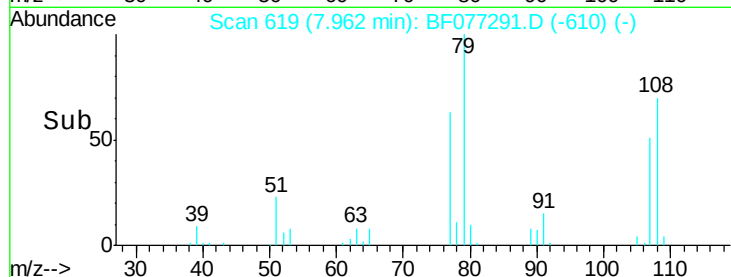
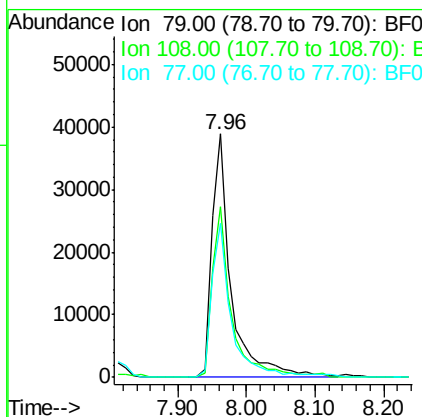
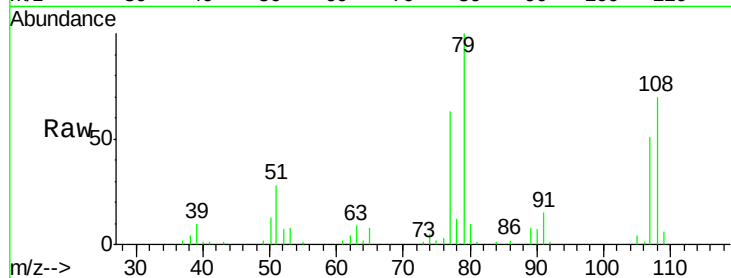
ClientSampleId :

ICVBF021215

Tot Ion:	79	Resp:	76753
Ion Ratio	Lower	Upper	
79	100		
108	70.0	54.8	82.2
77	63.4	48.0	72.0

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#16

2,2'-oxybis(1-chloropropane)

Concen: 40.10 ng

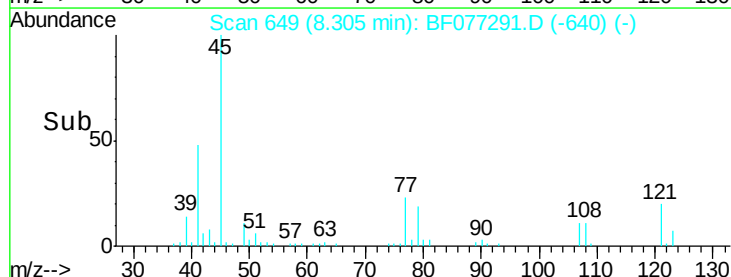
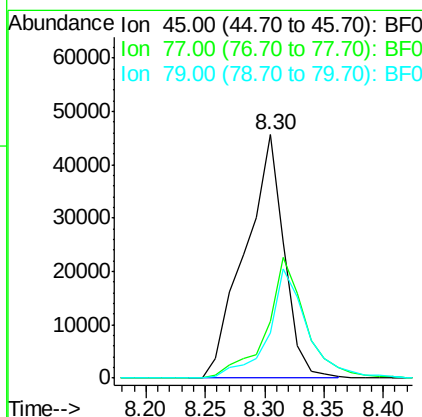
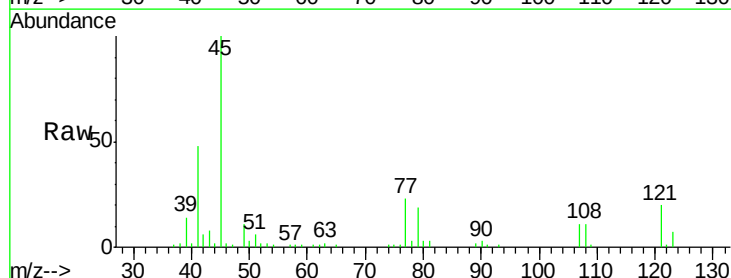
RT: 8.30 min Scan# 649

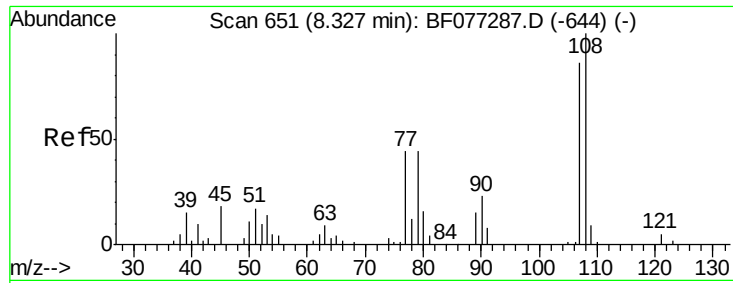
Delta R.T. 0.00 min

Lab File: BF077291.D

Acq: 12 Feb 2015 18:50

Tgt Ion:	45	Resp:	104687
Ion Ratio	Lower	Upper	
45	100		
77	23.4	0.0	38.2
79	18.8	0.0	37.0





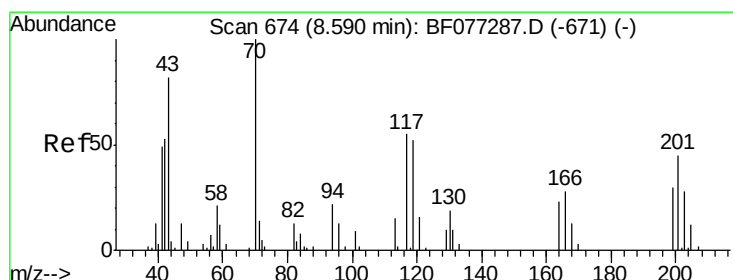
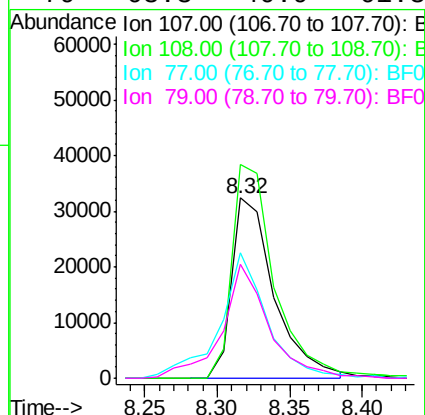
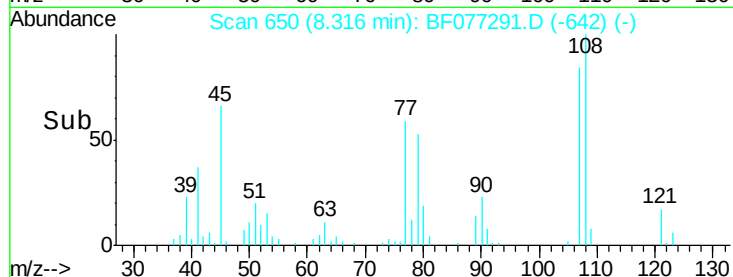
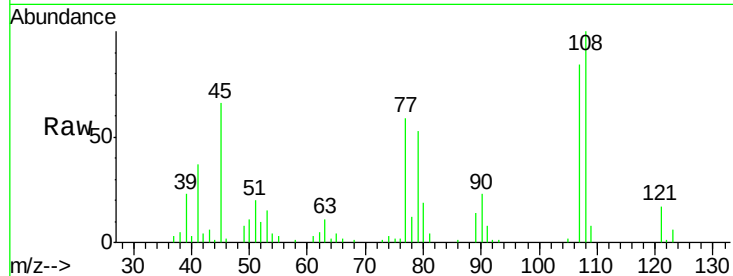
#17
2-Methylphenol
Concen: 40.85 ng
RT: 8.32 min Scan# 650
Delta R.T. -0.01 min
Lab File: BF077291.D
Acq: 12 Feb 2015 18:50

Instrument :
BNA_F
ClientSampleId :
ICVBF021215

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	118.4	93.2	139.8	
77	69.6	41.3	61.9	
79	63.3	40.9	61.3	

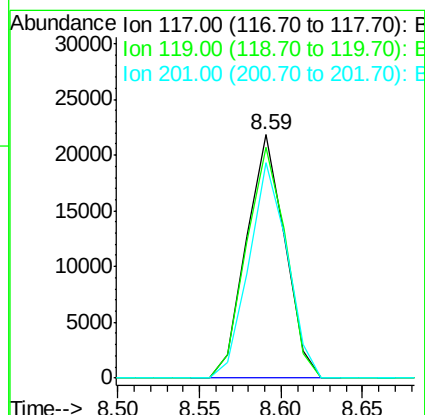
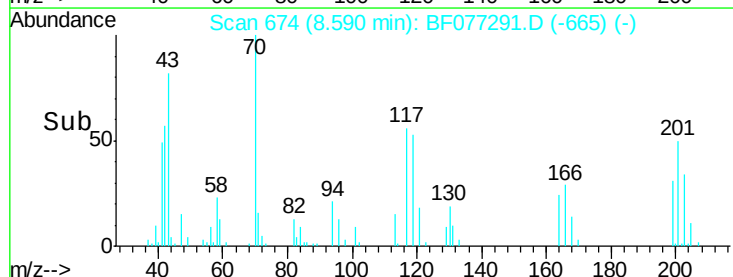
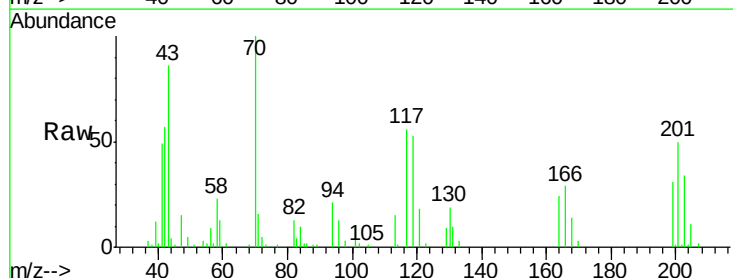
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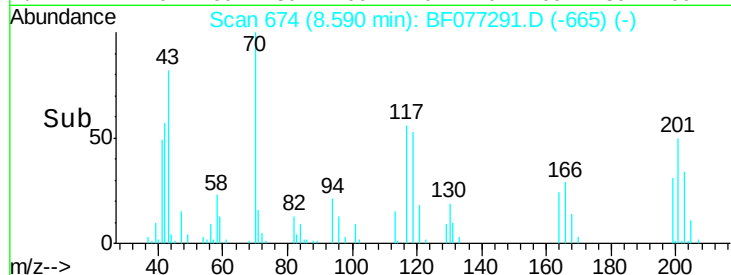
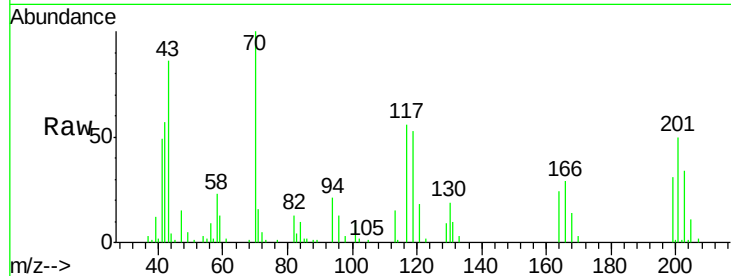
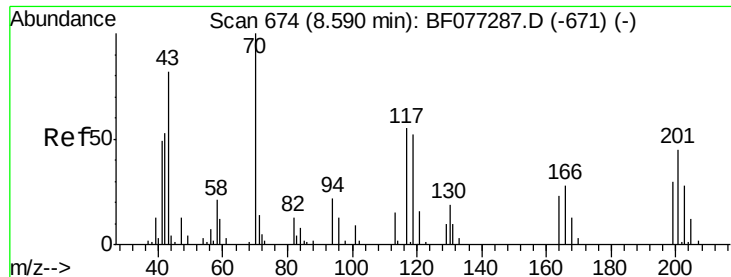
mohammad
2/13/2015 5:40:16 PM



#18
Hexachloroethane
Concen: 41.21 ng
RT: 8.59 min Scan# 674
Delta R.T. 0.00 min
Lab File: BF077291.D
Acq: 12 Feb 2015 18:50

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	95.0	75.5	113.3	
201	88.6	64.3	96.5	





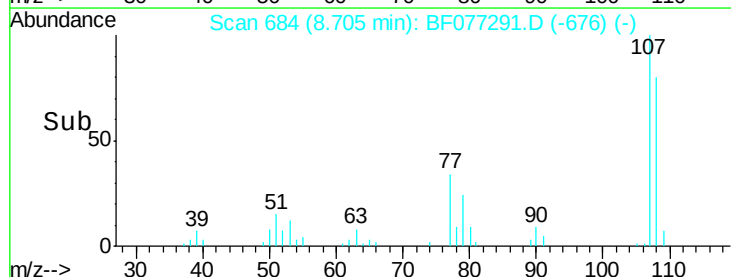
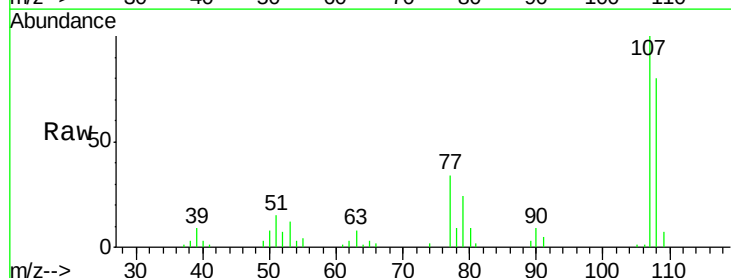
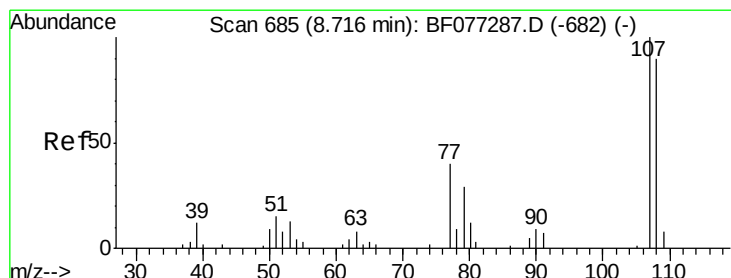
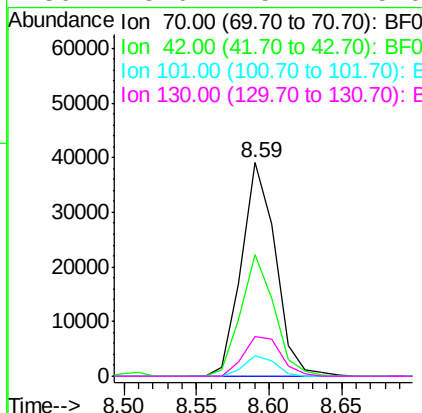
#19
n-Nitroso-di-n-propylamine
Concen: 40.00 ng
RT: 8.59 min Scan# 674
Delta R.T. 0.00 min
Lab File: BF077291.D
Acq: 12 Feb 2015 18:50

Instrument :
BNA_F
ClientSampleId :
ICVBF021215

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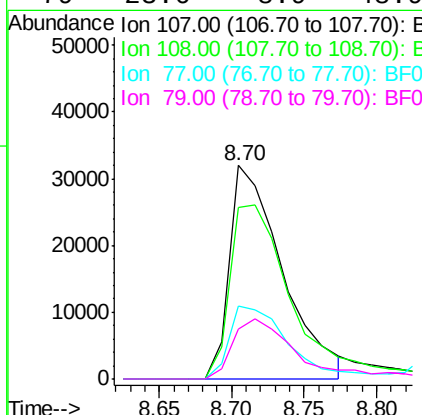
mohammad
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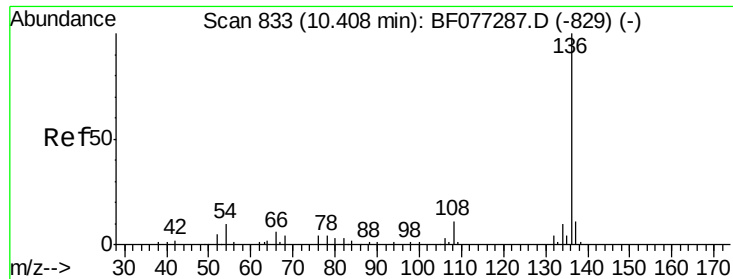
Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	56.9	42.8	64.2	
101	9.4	7.4	11.2	
130	18.6	15.4	23.0	



#20
3+4-Methylphenols
Concen: 39.02 ng
RT: 8.70 min Scan# 684
Delta R.T. -0.01 min
Lab File: BF077291.D
Acq: 12 Feb 2015 18:50

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	80.1	69.7	109.7	
77	34.1	19.5	59.5	
79	23.6	8.9	48.9	





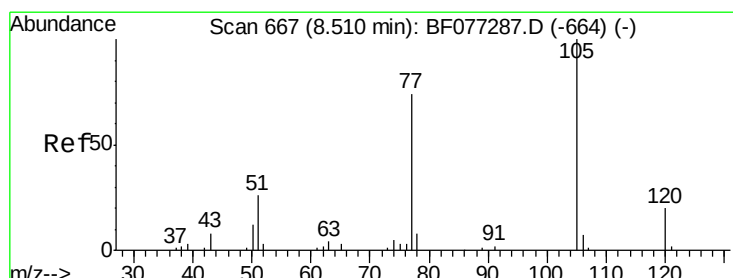
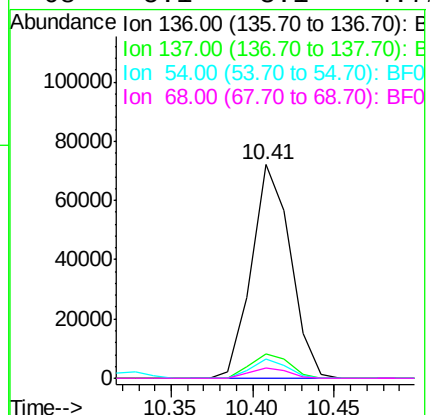
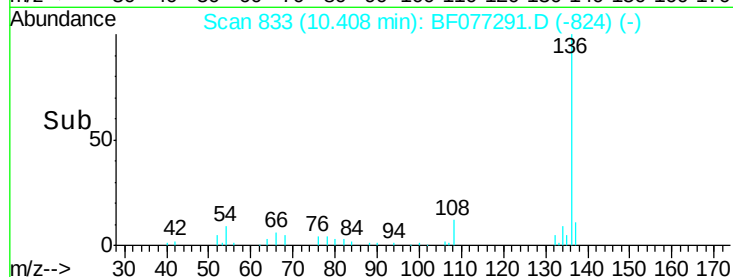
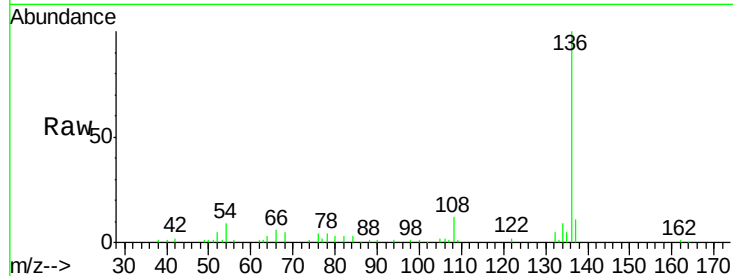
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.41 min Scan# 833
Delta R.T. 0.00 min
Lab File: BF077291.D
Acq: 12 Feb 2015 18:50

Instrument :
BNA_F
ClientSampled :
ICVBF021215

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		119699		
137	11.4	8.7	13.1		
54	9.1	8.2	12.2		
68	5.1	3.1	4.7#		

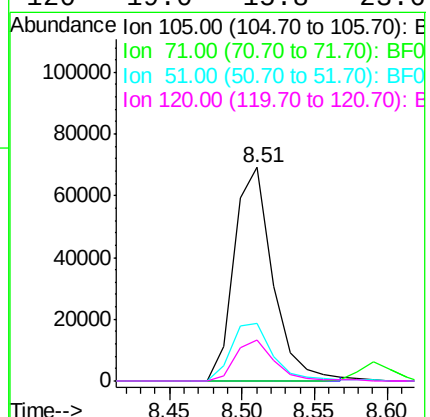
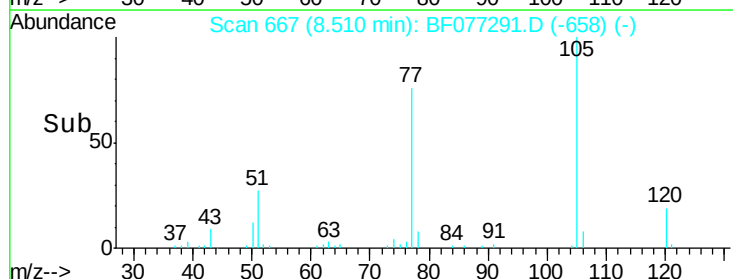
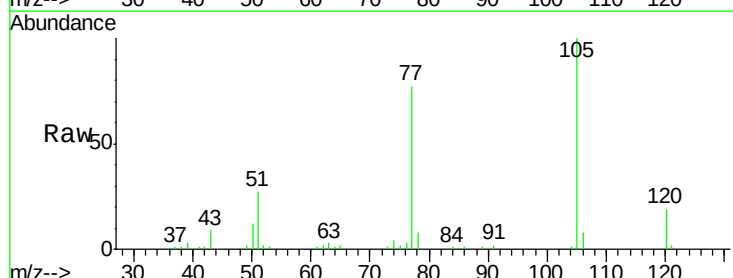
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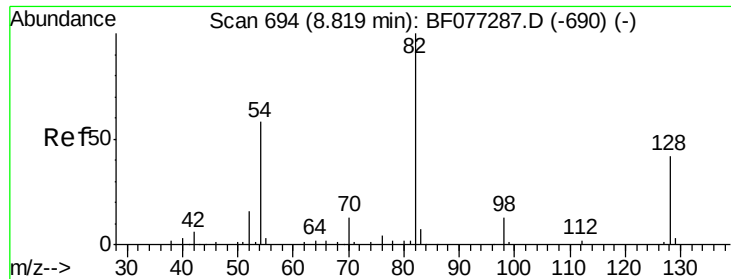
mohammad
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#22
Acetophenone
Concen: 44.55 ng
RT: 8.51 min Scan# 667
Delta R.T. 0.00 min
Lab File: BF077291.D
Acq: 12 Feb 2015 18:50

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		128092		
71	0.0	0.0	0.0		
51	27.3	21.0	31.6		
120	19.0	15.8	23.6		





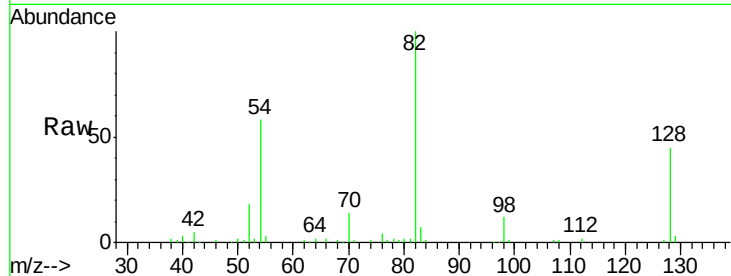
#23
 Nitrobenzene-d5
 Concen: 89.24 ng
 RT: 8.82 min Scan# 694
 Delta R.T. 0.00 min
 Lab File: BF077291.D
 Acq: 12 Feb 2015 18:50

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF021215

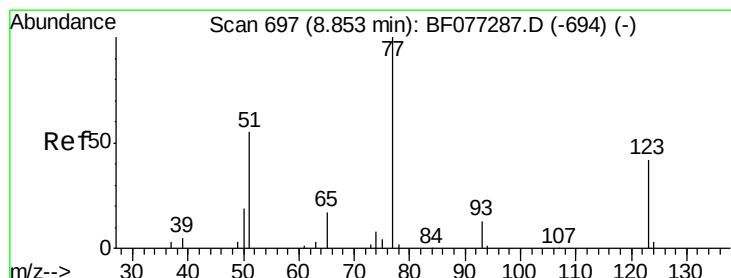
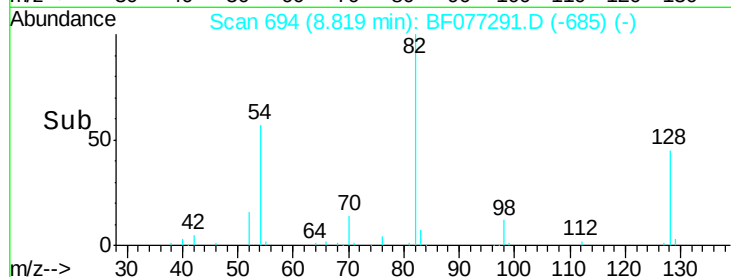
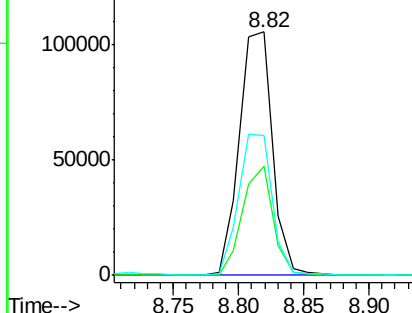
Tot Ion:	82	Resp:	187001
Ion Ratio	Lower	Upper	
82	100		
128	44.8	33.6	50.4
54	57.7	46.2	69.2

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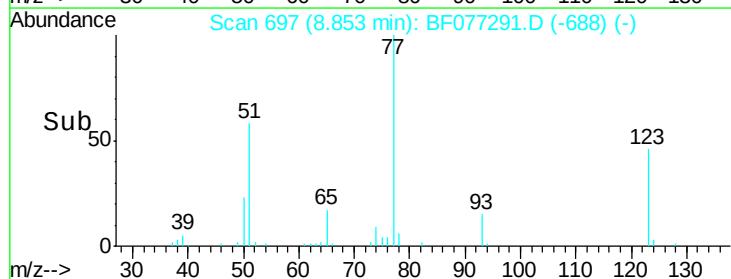
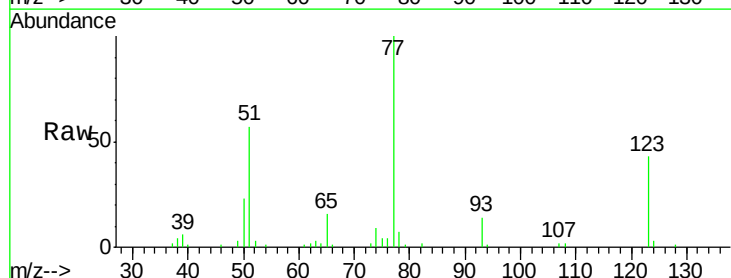
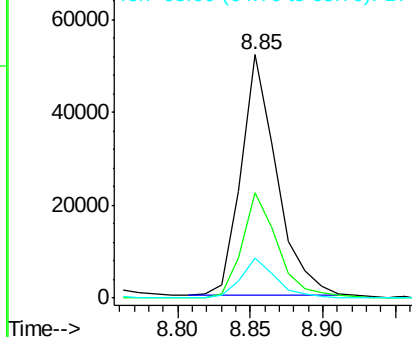
Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): BF0
 Ion 54.00 (53.70 to 54.70): BF0

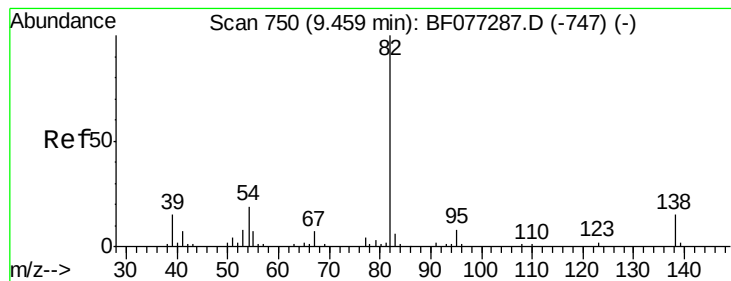


#24
 Nitrobenzene
 Concen: 42.21 ng
 RT: 8.85 min Scan# 697
 Delta R.T. 0.00 min
 Lab File: BF077291.D
 Acq: 12 Feb 2015 18:50

Tgt Ion:	77	Resp:	87702
Ion Ratio	Lower	Upper	
77	100		
123	43.5	33.1	49.7
65	16.5	13.0	19.6

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





#25

Isophorone

Concen: 43.81 ng

RT: 9.46 min Scan# 750

Delta R.T. 0.00 min

Lab File: BF077291.D

Acq: 12 Feb 2015 18:50

Instrument :

BNA_F

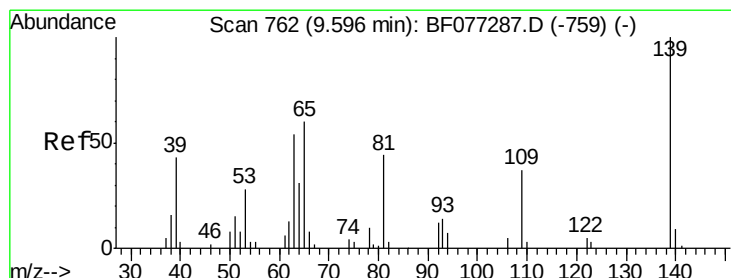
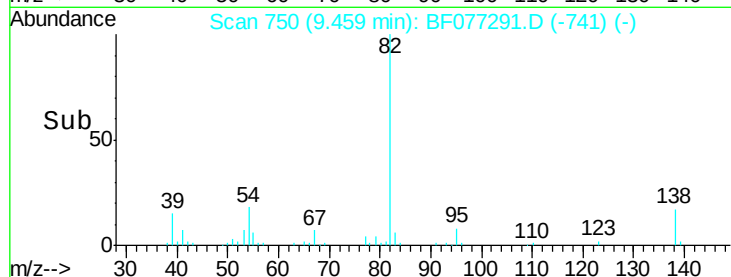
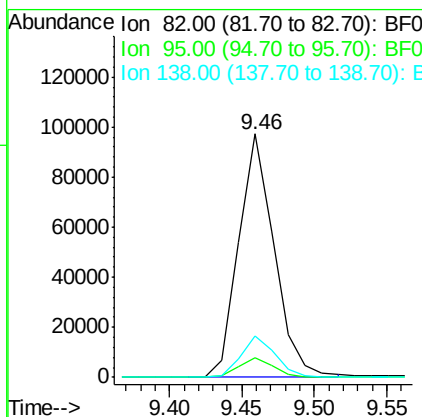
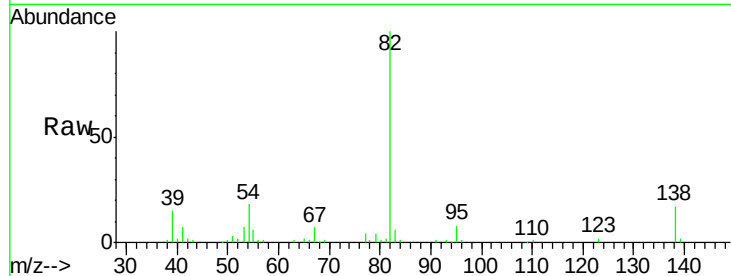
ClientSampleId :

ICVBF021215

Tot Ion:	82	Resp:	165480
Ion Ratio		Lower	Upper
82	100		
95	7.8	6.3	9.5
138	17.0	12.1	18.1

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#26

2-Nitrophenol

Concen: 42.71 ng

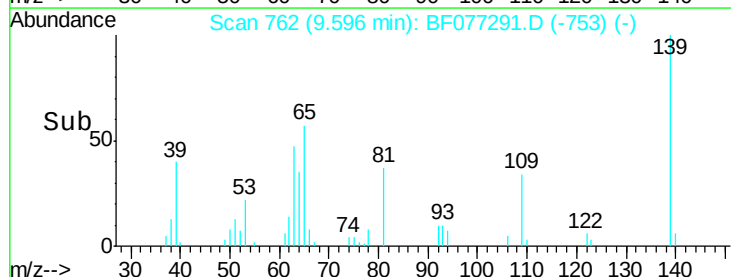
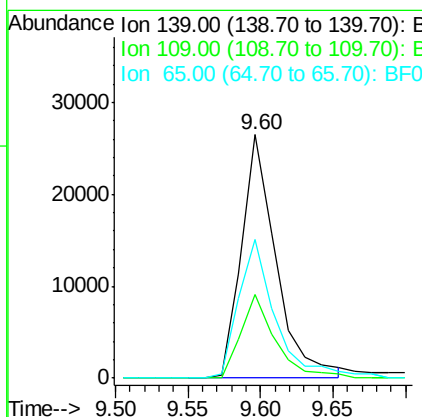
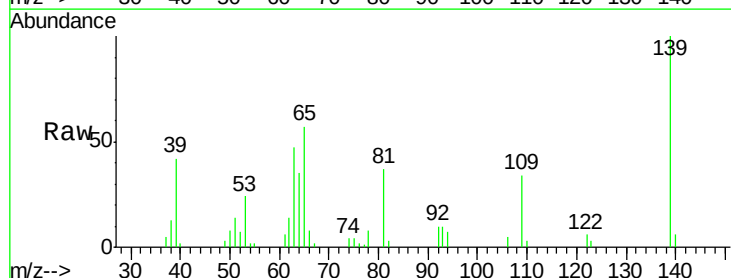
RT: 9.60 min Scan# 762

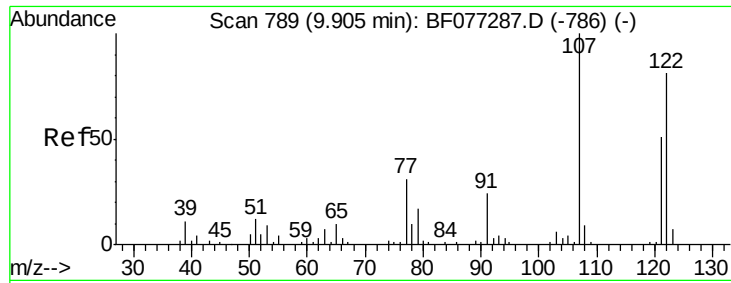
Delta R.T. 0.00 min

Lab File: BF077291.D

Acq: 12 Feb 2015 18:50

Tgt Ion:	139	Resp:	43932
Ion Ratio		Lower	Upper
139	100		
109	34.1	29.4	44.2
65	57.0	47.9	71.9





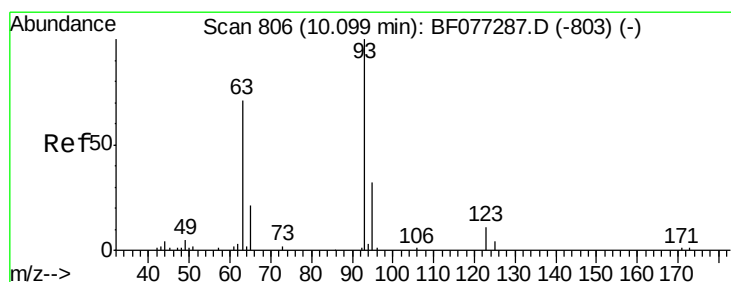
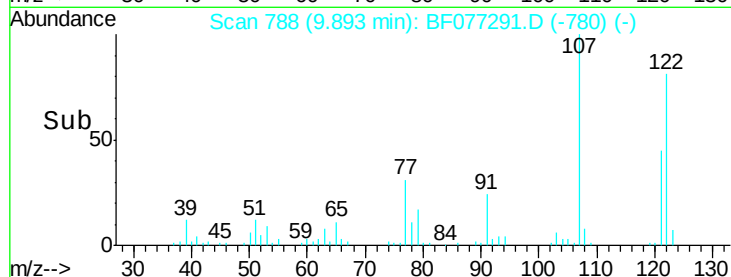
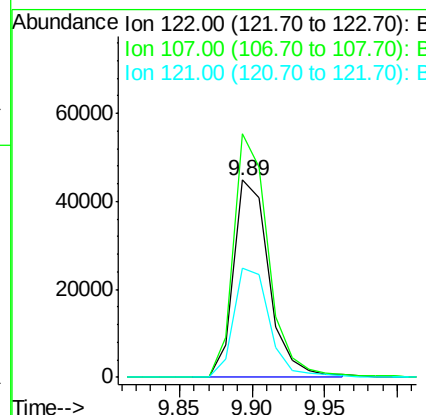
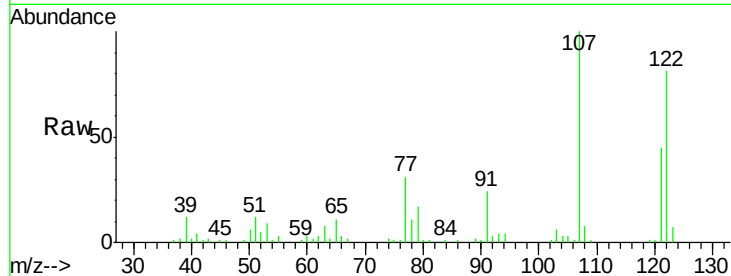
#27
 2,4-Dimethylphenol
 Concen: 45.08 ng
 RT: 9.89 min Scan# 788
 Delta R.T. -0.01 min
 Lab File: BF077291.D
 Acq: 12 Feb 2015 18:50

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF021215

Tot Ion	Ratio	Resp	Lower	Upper
122	100	76525		
107	123.4		99.1	148.7
121	55.1		50.2	75.2

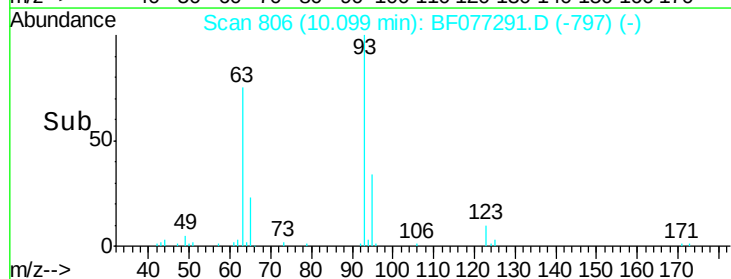
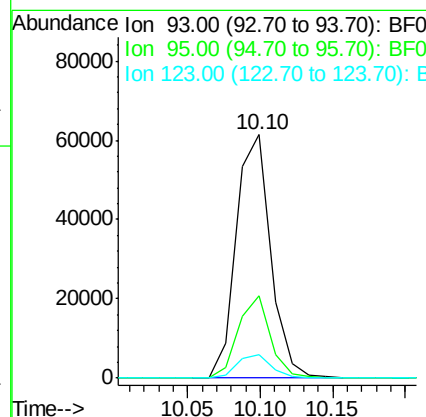
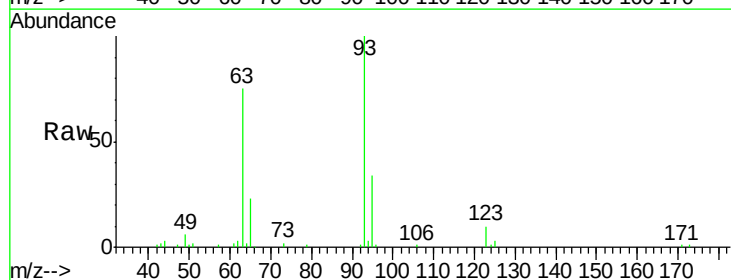
Manual Integrations
 APPROVED

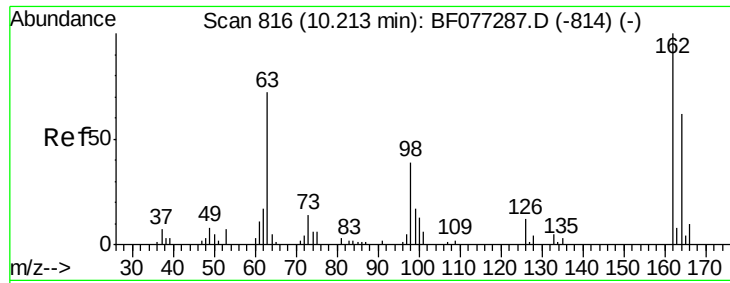
mohammad
 2/13/2015 5:40:16 PM



#28
 bis(2-Chloroethoxy)methane
 Concen: 44.02 ng
 RT: 10.10 min Scan# 806
 Delta R.T. 0.00 min
 Lab File: BF077291.D
 Acq: 12 Feb 2015 18:50

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	101243		
95	33.6		25.4	38.2
123	9.8		8.5	12.7





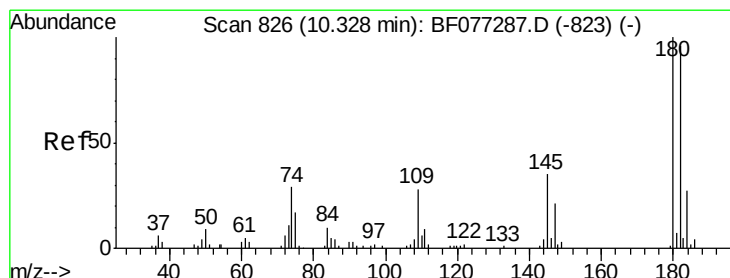
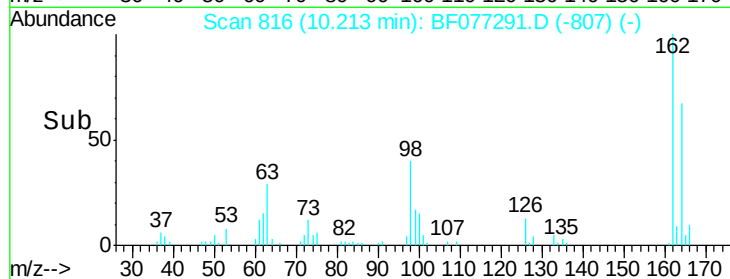
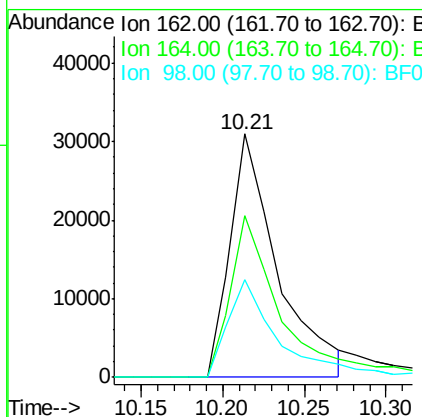
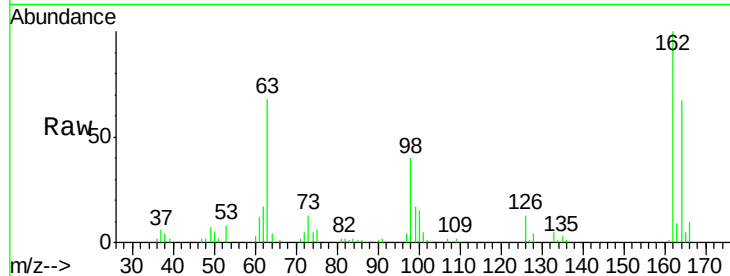
#29
2,4-Dichlorophenol
Concen: 40.38 ng
RT: 10.21 min Scan# 816
Delta R.T. 0.00 min
Lab File: BF077291.D
Acq: 12 Feb 2015 18:50

Instrument :
BNA_F
ClientSampleId :
ICVBF021215

Tot Ion	Ratio	Lower	Upper
162	100		
164	66.5	41.9	81.9
98	40.2	19.3	59.3

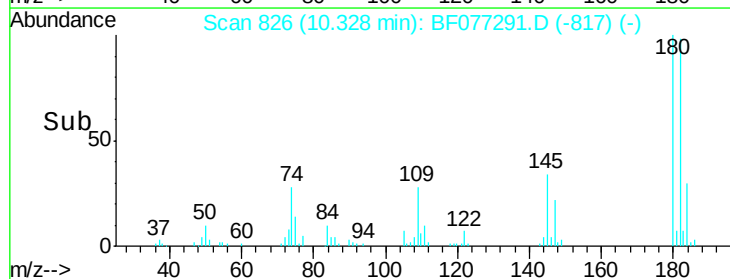
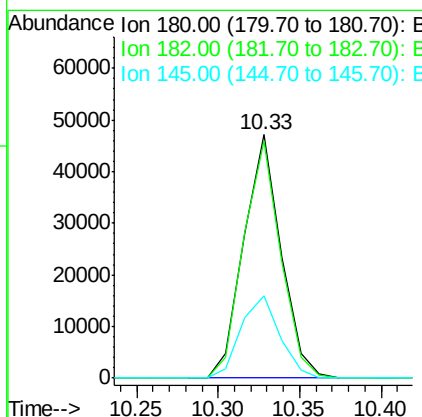
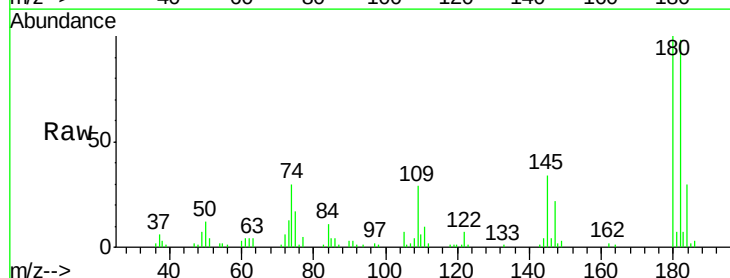
Manual Integrations
APPROVED

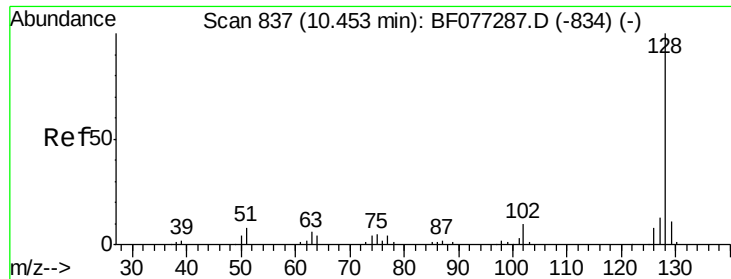
mohammad
2/13/2015 5:40:16 PM



#30
1,2,4-Trichlorobenzene
Concen: 42.63 ng
RT: 10.33 min Scan# 826
Delta R.T. 0.00 min
Lab File: BF077291.D
Acq: 12 Feb 2015 18:50

Tgt Ion	Ratio	Lower	Upper
180	100		
182	97.6	77.0	115.6
145	33.8	27.9	41.9





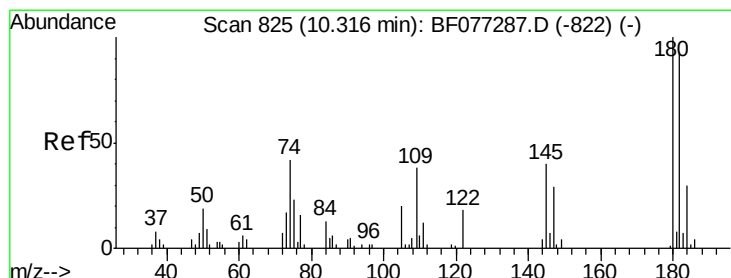
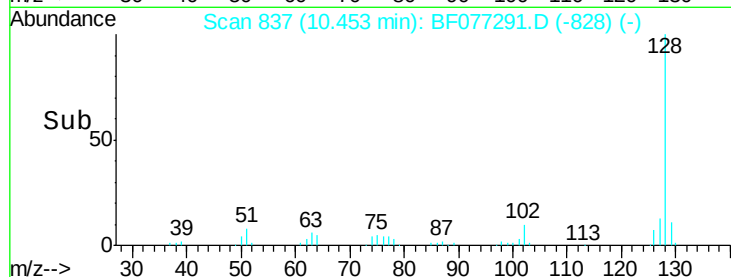
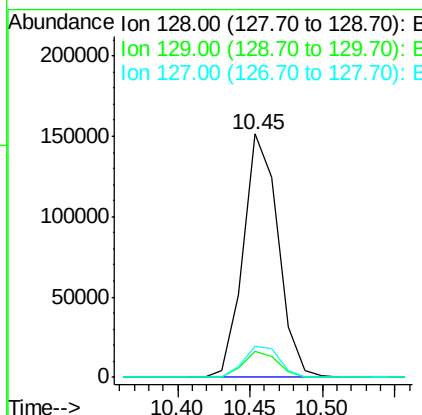
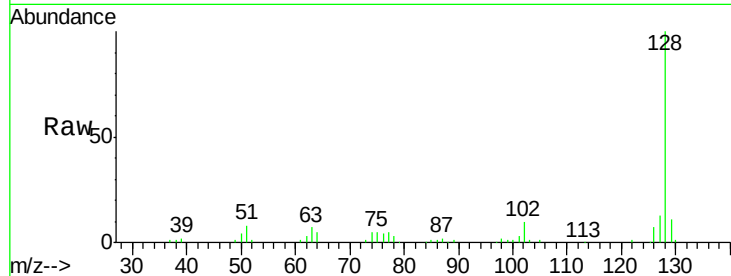
#31
Naphthalene
Concen: 42.72 ng
RT: 10.45 min Scan# 837
Delta R.T. 0.00 min
Lab File: BF077291.D
Acq: 12 Feb 2015 18:50

Instrument :
BNA_F
ClientSampleId :
ICVBF021215

Tot Ion	Ratio	Lower	Upper
128	100		
129	10.5	9.0	13.6
127	13.0	10.4	15.6

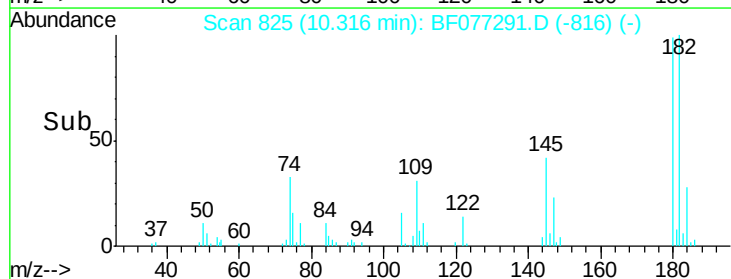
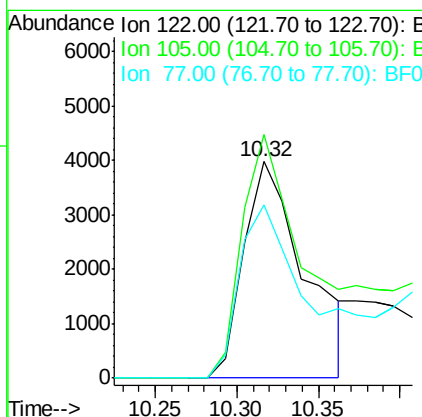
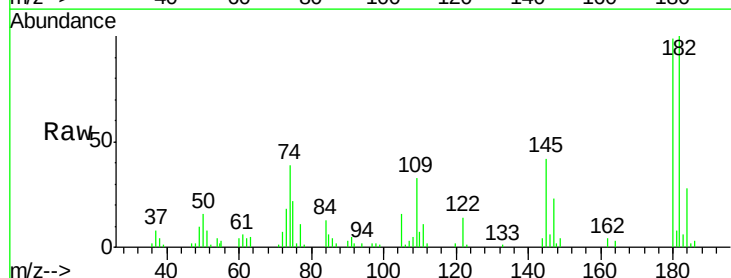
Manual Integrations
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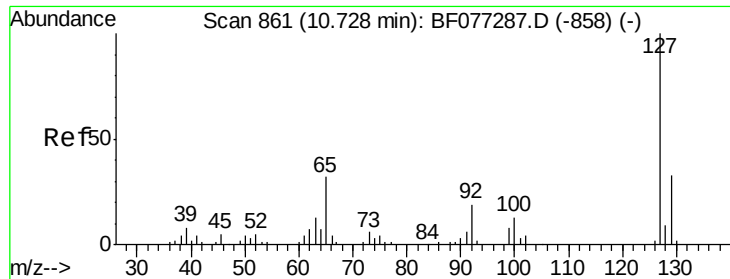
mohammad
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#32
Benzoic acid
Concen: 39.49 ng
RT: 10.32 min Scan# 825
Delta R.T. 0.00 min
Lab File: BF077291.D
Acq: 12 Feb 2015 18:50

Tgt Ion	Ratio	Lower	Upper
122	100		
105	112.5	93.4	133.4
77	79.8	72.6	112.6





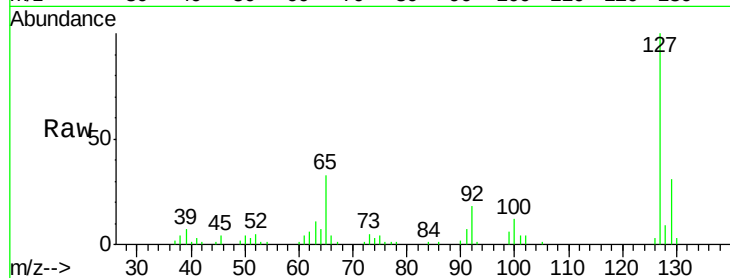
#33
4-Chloroaniline
Concen: 43.91 ng
RT: 10.73 min Scan# 861
Delta R.T. 0.00 min
Lab File: BF077291.D
Acq: 12 Feb 2015 18:50

Instrument :
BNA_F
ClientSampleId :
ICVBF021215

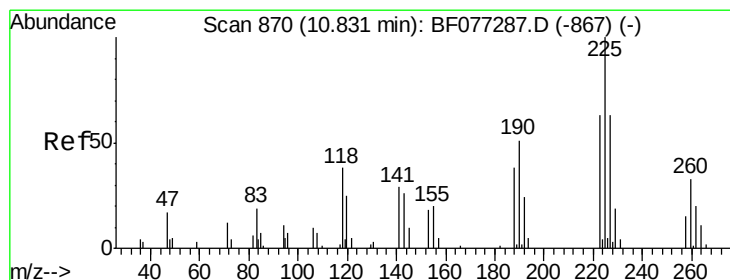
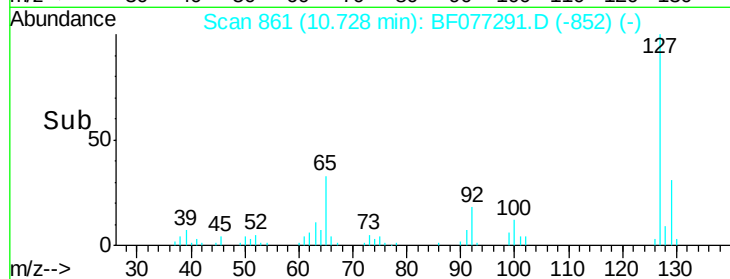
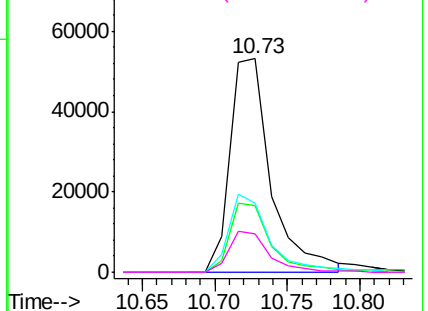
Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	31.1	26.0	39.0		
65	32.6	25.6	38.4		
92	17.9	15.1	22.7		

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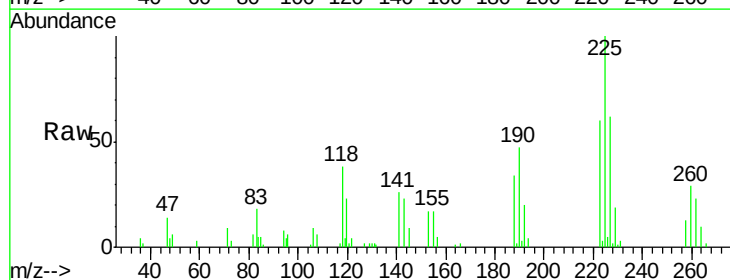


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

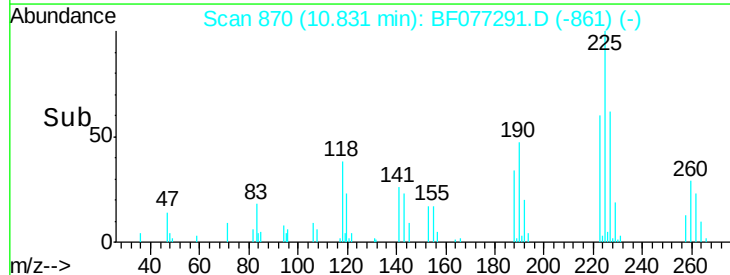
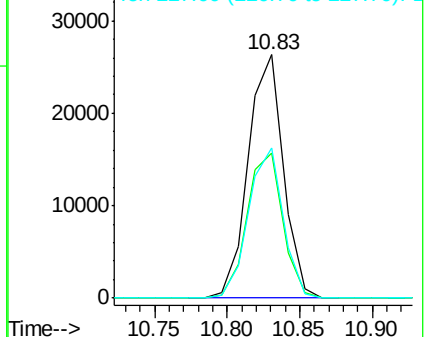


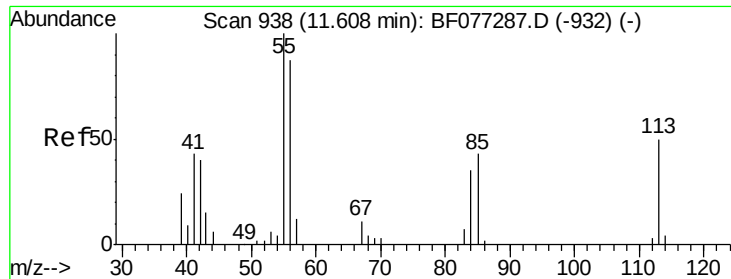
#34
Hexachlorobutadiene
Concen: 44.28 ng
RT: 10.83 min Scan# 870
Delta R.T. 0.00 min
Lab File: BF077291.D
Acq: 12 Feb 2015 18:50

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	59.6	50.2	75.4		
227	61.9	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: 41.87 ng

RT: 11.61 min Scan# 938

Delta R.T. 0.00 min

Lab File: BF077291.D

Acq: 12 Feb 2015 18:50

Instrument :

BNA_F

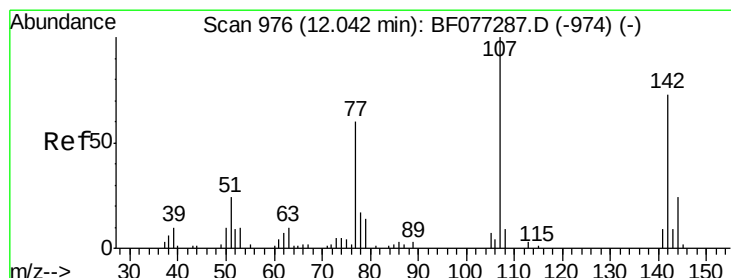
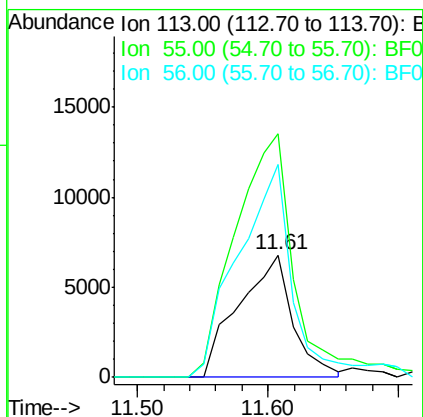
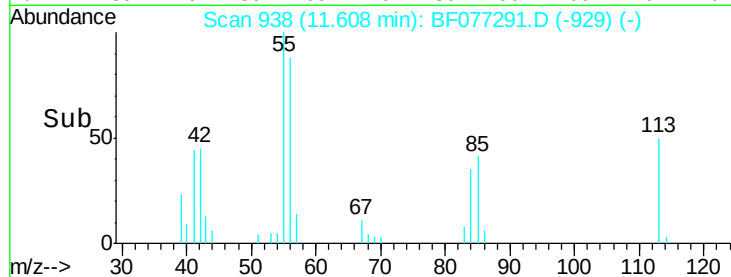
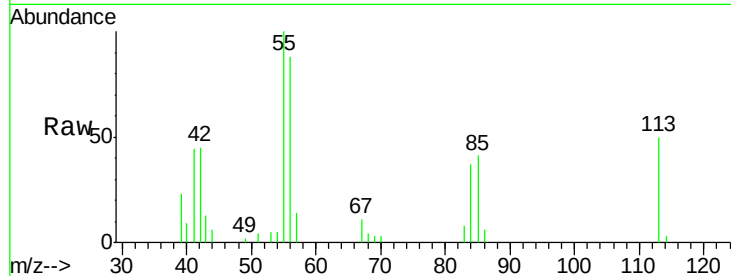
ClientSampleId :

ICVBF021215

Tot Ion:113 Resp: 19718
 Ion Ratio Lower Upper
 113 100
 55 198.7 178.4 218.4
 56 174.0 152.8 192.8

Manual Integrations
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#36

4-Chloro-3-methylphenol

Concen: 44.06 ng

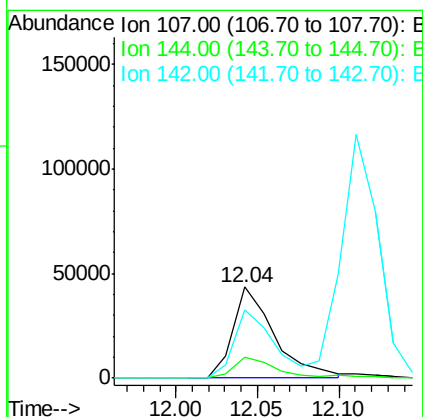
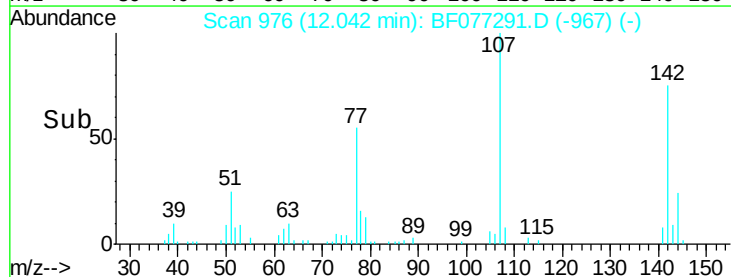
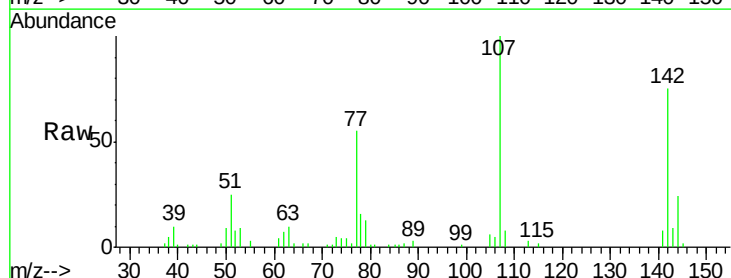
RT: 12.04 min Scan# 976

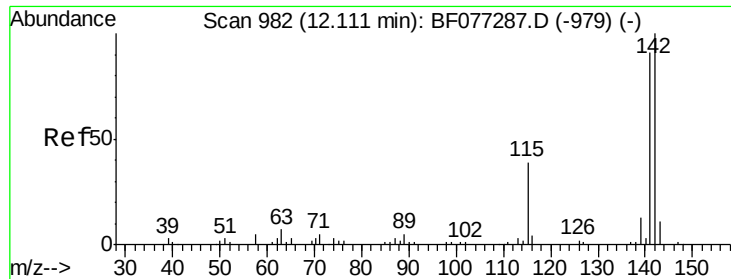
Delta R.T. 0.00 min

Lab File: BF077291.D

Acq: 12 Feb 2015 18:50

Tgt Ion:107 Resp: 76454
 Ion Ratio Lower Upper
 107 100
 144 23.6 19.2 28.8
 142 75.1 58.6 88.0





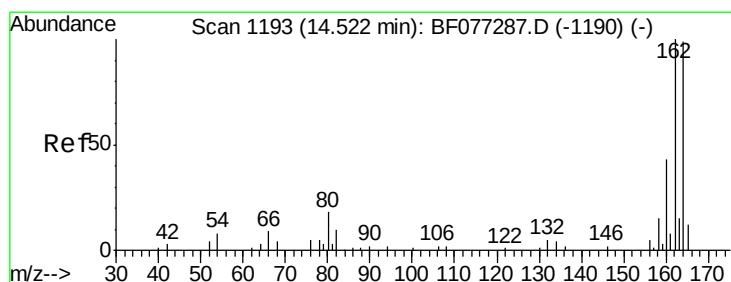
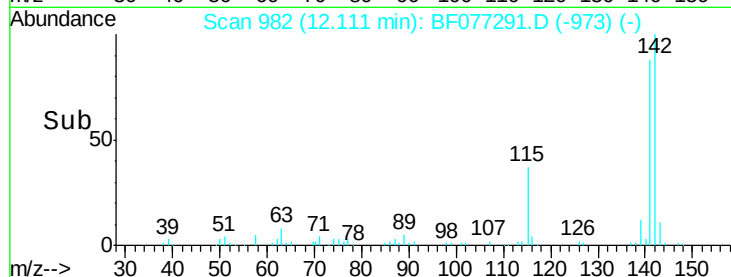
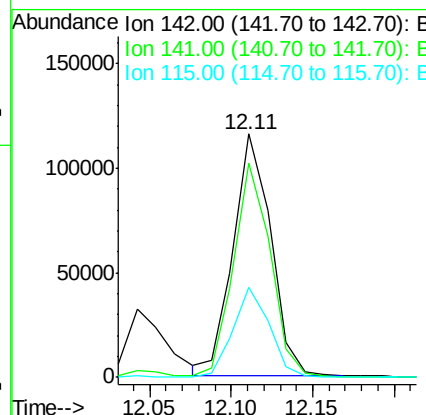
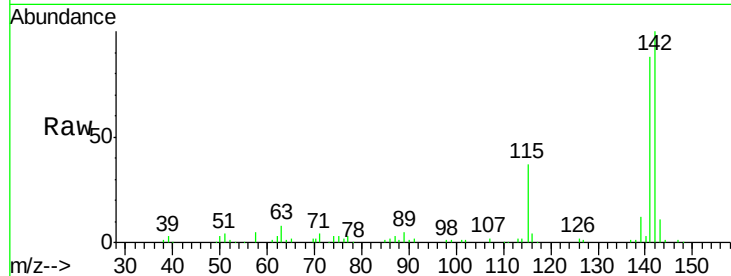
#37
2-Methylnaphthalene
Concen: 41.76 ng
RT: 12.11 min Scan# 982
Delta R.T. 0.00 min
Lab File: BF077291.D
Acq: 12 Feb 2015 18:50

Instrument :
BNA_F
ClientSampleId :
ICVBF021215

Tot Ion	Ratio	Lower	Upper
142	100		
141	87.8	69.8	104.6
115	37.1	29.5	44.3

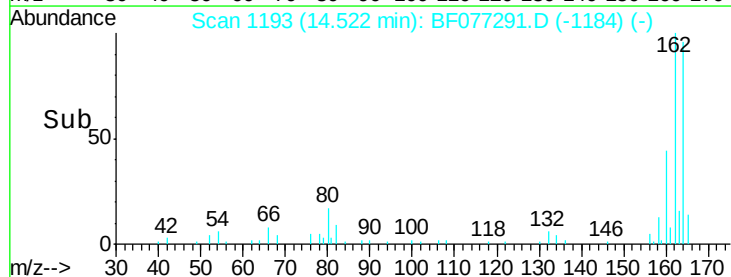
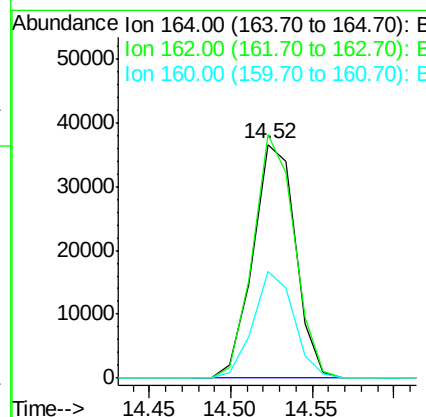
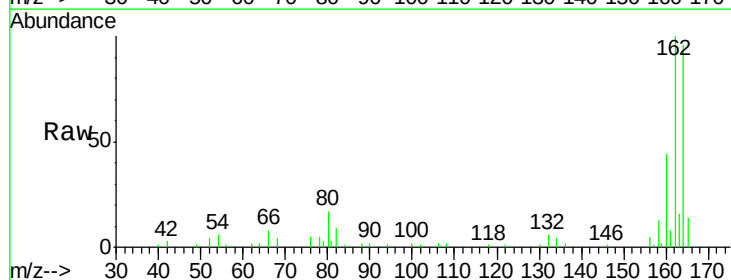
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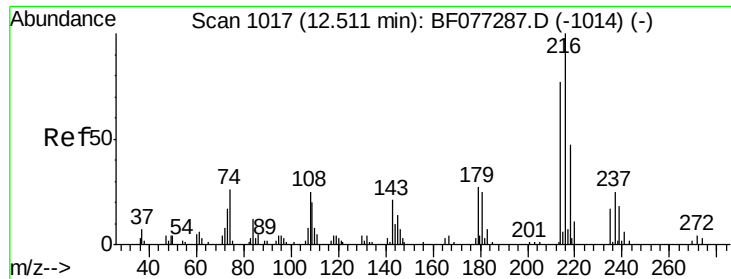
mohammad
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.52 min Scan# 1193
Delta R.T. 0.00 min
Lab File: BF077291.D
Acq: 12 Feb 2015 18:50

Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.3	81.0	121.4
160	45.6	35.2	52.8





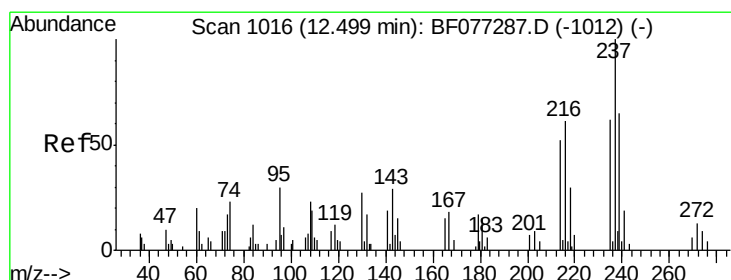
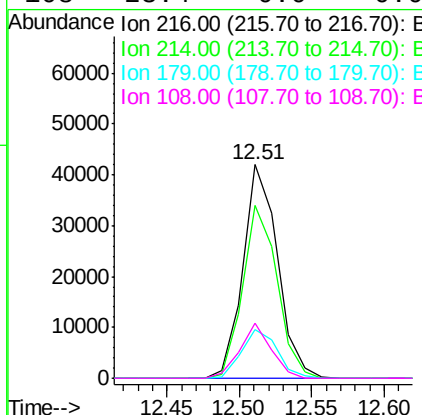
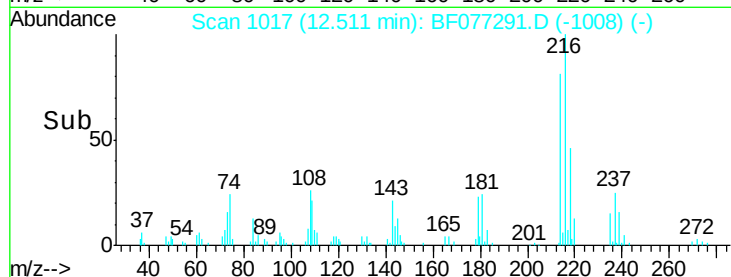
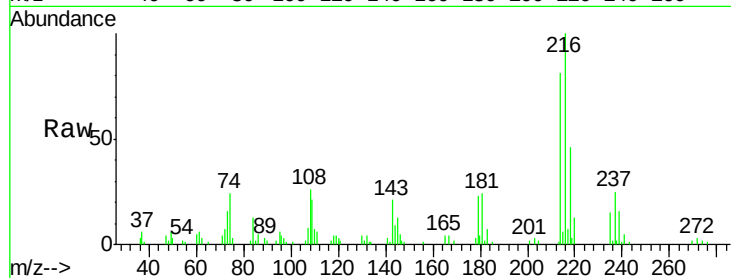
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 41.51 ng
 RT: 12.51 min Scan# 1017
 Delta R.T. 0.00 min
 Lab File: BF077291.D
 Acq: 12 Feb 2015 18:50

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF021215

Tot Ion	Ion	Ratio	Resp	Lower	Upper
216	100		69395		
214	80.3	0.0	0.0#		
179	23.8	0.0	0.0#		
108	23.4	0.0	0.0#		

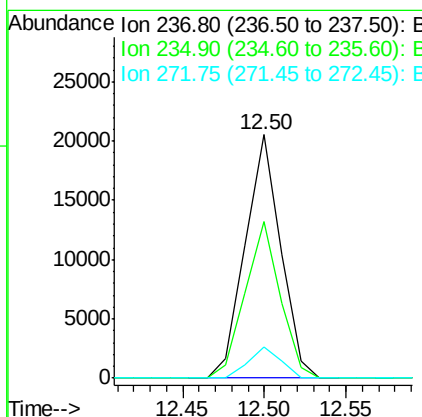
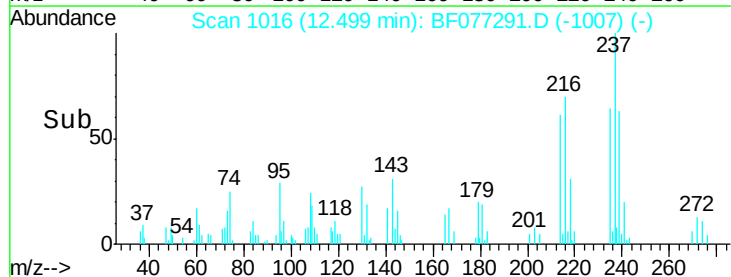
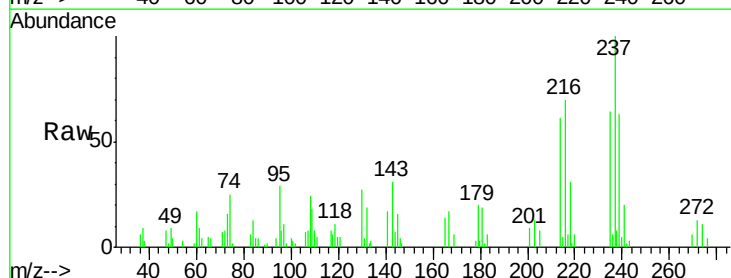
Manual Integrations
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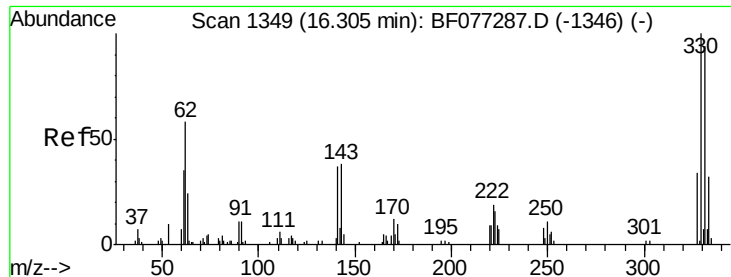
mohammad
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#40
 Hexachlorocyclopentadiene
 Concen: 41.96 ng
 RT: 12.50 min Scan# 1016
 Delta R.T. 0.00 min
 Lab File: BF077291.D
 Acq: 12 Feb 2015 18:50

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
237	100		30968		
235	64.3	42.0	82.0		
272	12.9	0.0	33.3		





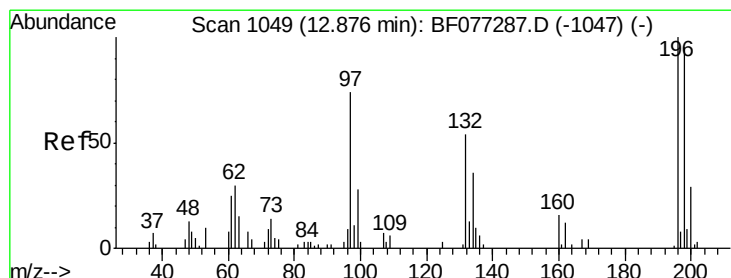
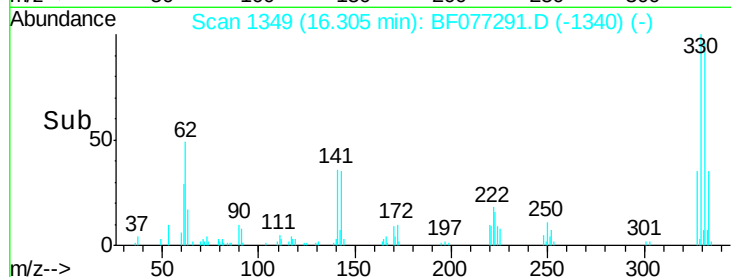
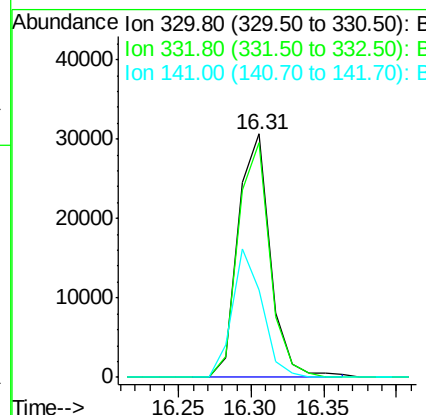
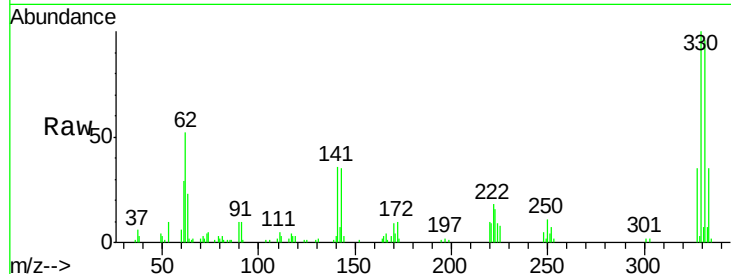
#41
 2,4,6-Tribromophenol
 Concen: 87.39 ng
 RT: 16.31 min Scan# 1349
 Delta R.T. 0.00 min
 Lab File: BF077291.D
 Acq: 12 Feb 2015 18:50

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF021215

Tot Ion	Ratio	Resp	Lower	Upper
330	100	47335		
332	94.9	0.0	0.0	0.0
141	49.0	0.0	0.0	0.0

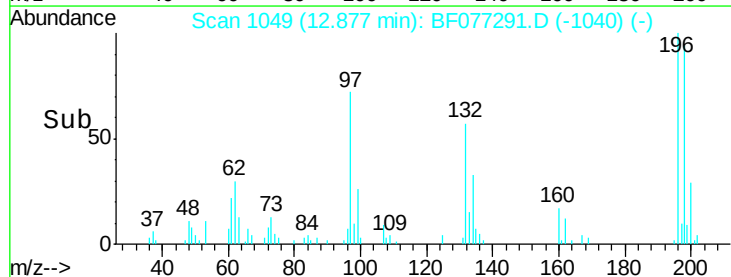
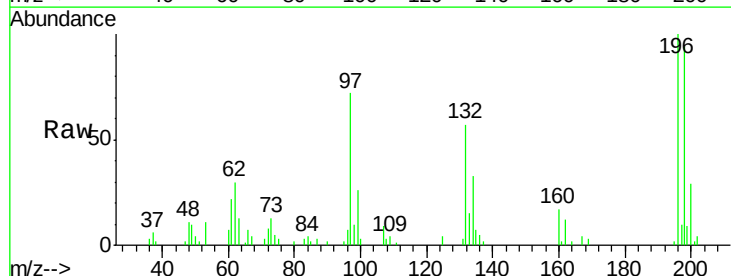
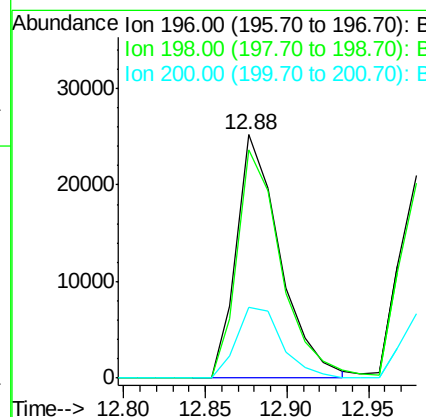
Manual Integrations
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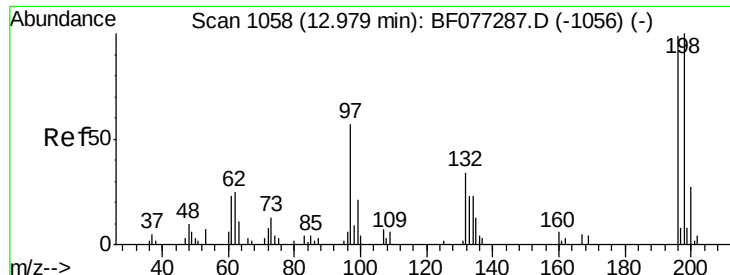
mohammad
 2/13/2015 5:40:16 PM



#42
 2,4,6-Trichlorophenol
 Concen: 42.57 ng
 RT: 12.88 min Scan# 1049
 Delta R.T. 0.00 min
 Lab File: BF077291.D
 Acq: 12 Feb 2015 18:50

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	46773		
198	93.6	75.8	113.8	
200	28.9	23.3	34.9	





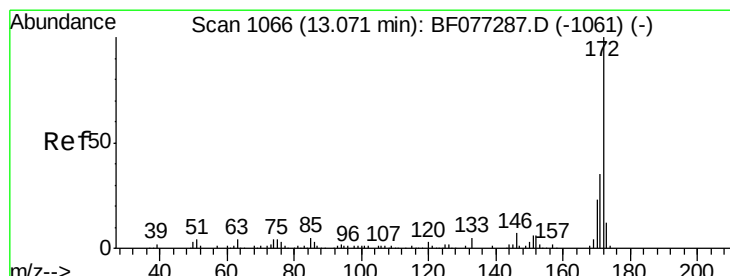
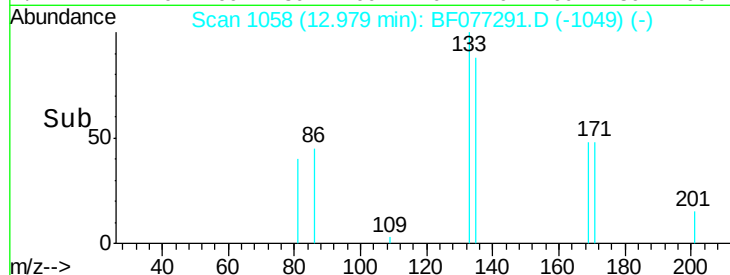
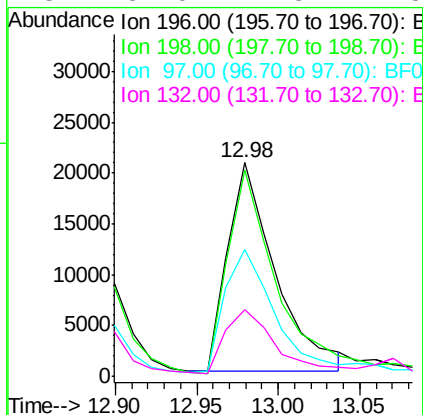
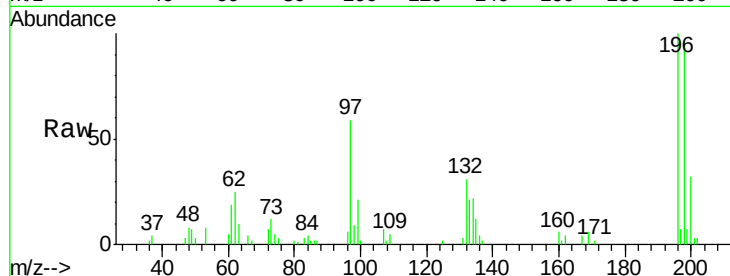
#43
 2,4,5-Trichlorophenol
 Concen: 38.87 ng
 RT: 12.98 min Scan# 1058
 Delta R.T. 0.00 min
 Lab File: BF077291.D
 Acq: 12 Feb 2015 18:50

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF021215

Tot Ion:	196	Resp:	41847
Ion Ratio	Lower	Upper	
196	100		
198	96.3	82.6	123.8
97	59.3	47.3	70.9
132	31.0	27.8	41.8

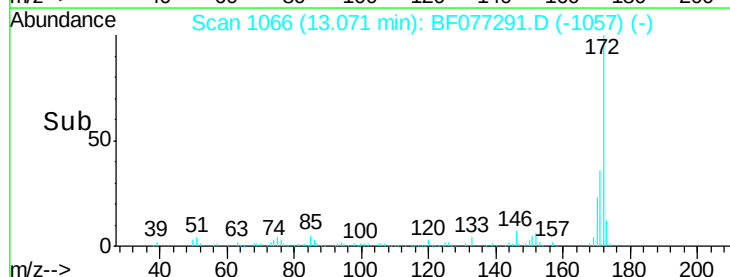
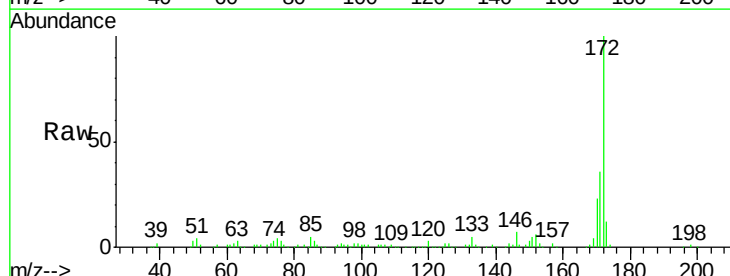
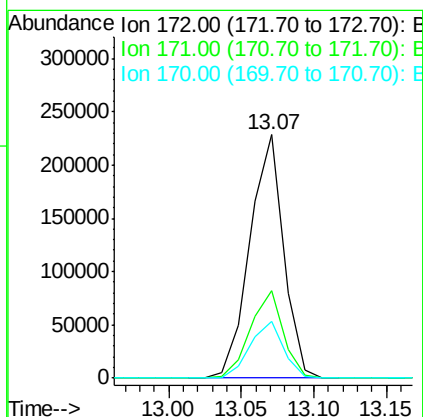
Manual Integrations
 APPROVED

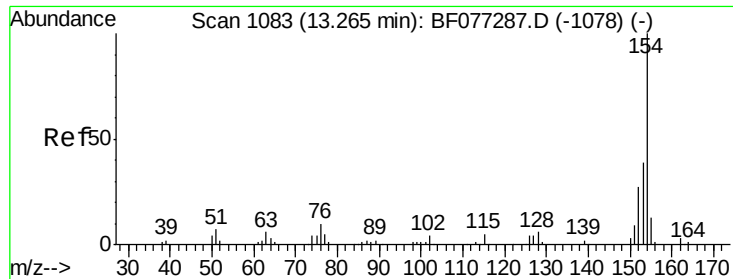
mohammad
 2/13/2015 5:40:16 PM



#44
 2-Fluorobiphenyl
 Concen: 83.32 ng
 RT: 13.07 min Scan# 1066
 Delta R.T. 0.00 min
 Lab File: BF077291.D
 Acq: 12 Feb 2015 18:50

Tgt Ion:	172	Resp:	367715
Ion Ratio	Lower	Upper	
172	100		
171	35.9	27.8	41.8
170	23.4	18.3	27.5





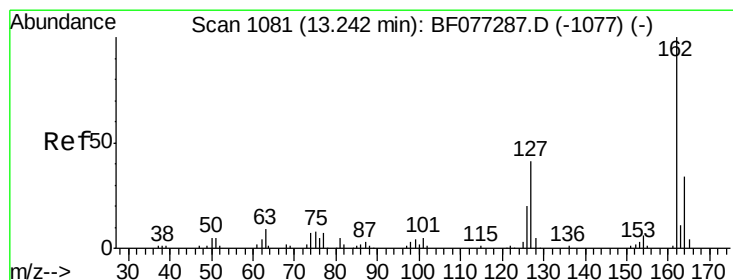
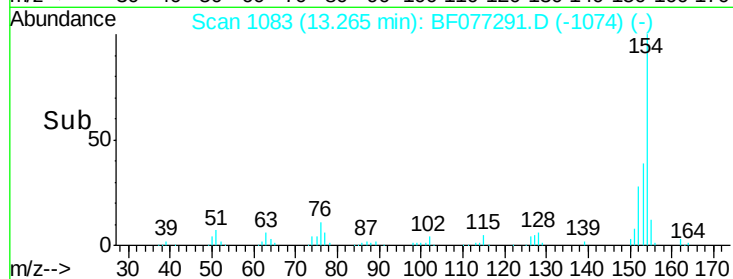
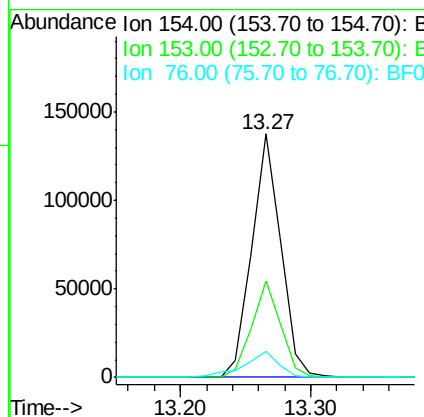
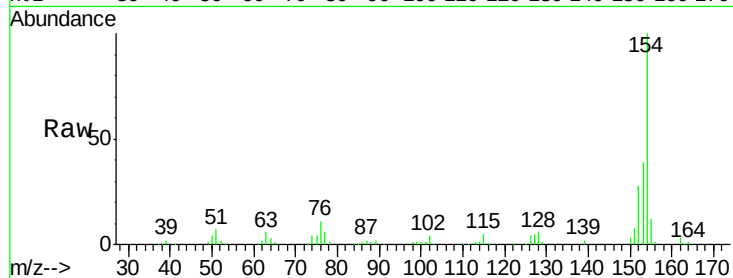
#45
 1,1'-Biphenyl
 Concen: 41.77 ng
 RT: 13.27 min Scan# 1083
 Delta R.T. 0.00 min
 Lab File: BF077291.D
 Acq: 12 Feb 2015 18:50

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF021215

Tot Ion:	154	Resp:	213776
Ion Ratio	Lower	Upper	
154	100		
153	39.5	18.9	58.9
76	10.9	0.0	30.4

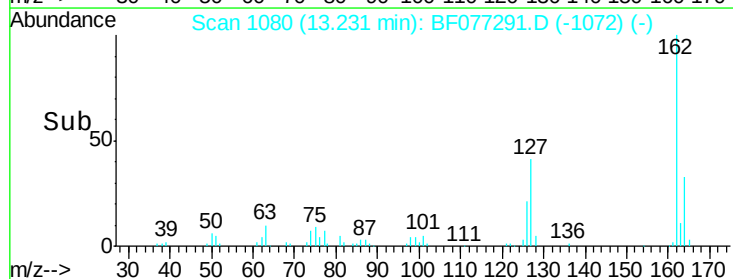
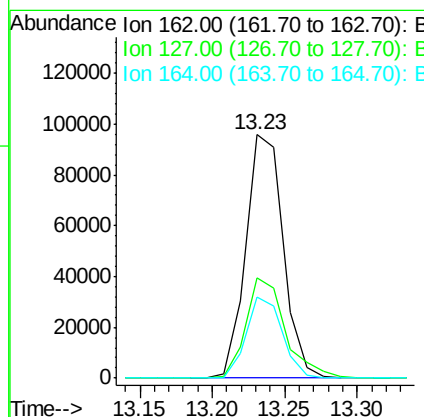
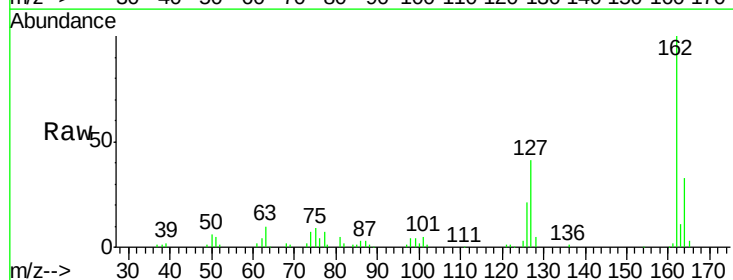
Manual Integrations
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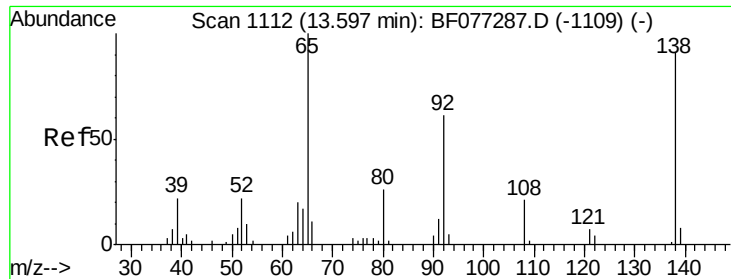
mohammad
 2/13/2015 5:40:16 PM



#46
 2-Chloronaphthalene
 Concen: 41.89 ng
 RT: 13.23 min Scan# 1080
 Delta R.T. -0.01 min
 Lab File: BF077291.D
 Acq: 12 Feb 2015 18:50

Tgt Ion:	162	Resp:	171208
Ion Ratio	Lower	Upper	
162	100		
127	41.1	32.6	48.8
164	33.1	27.0	40.6





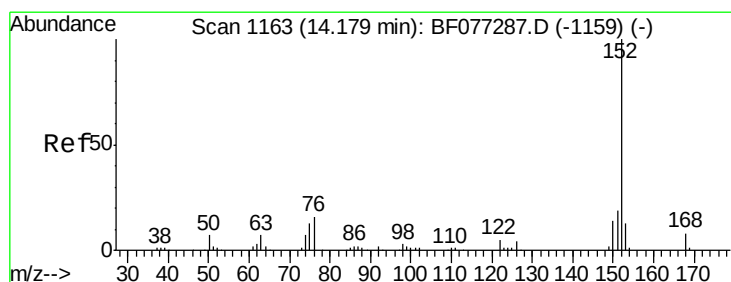
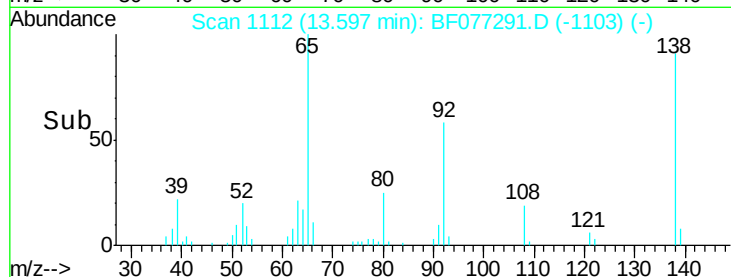
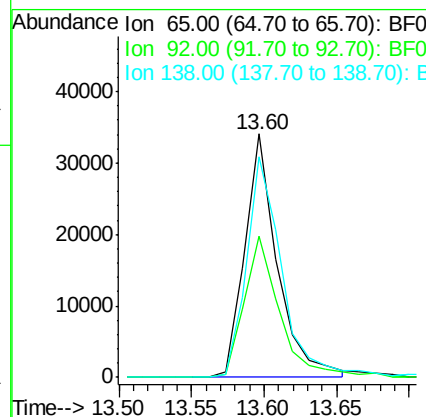
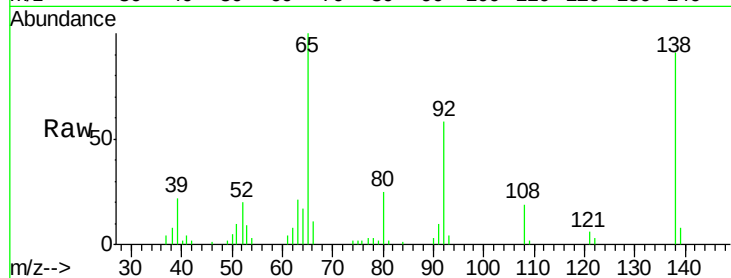
#47
2-Nitroaniline
Concen: 44.74 ng
RT: 13.60 min Scan# 1112
Delta R.T. 0.00 min
Lab File: BF077291.D
Acq: 12 Feb 2015 18:50

Instrument :
BNA_F
ClientSampleId :
ICVBF021215

Tot Ion	Ratio	Lower	Upper
65	100		
92	58.1	48.7	73.1
138	90.7	72.5	108.7

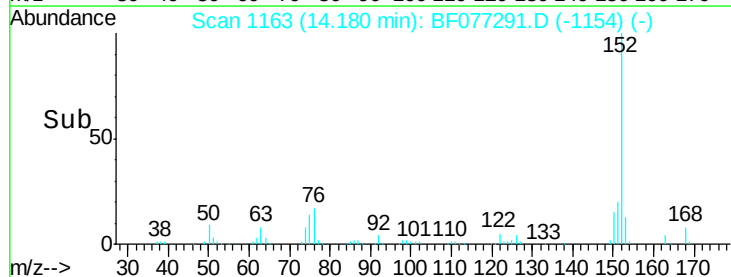
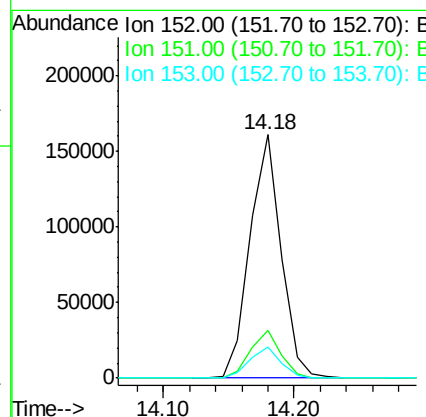
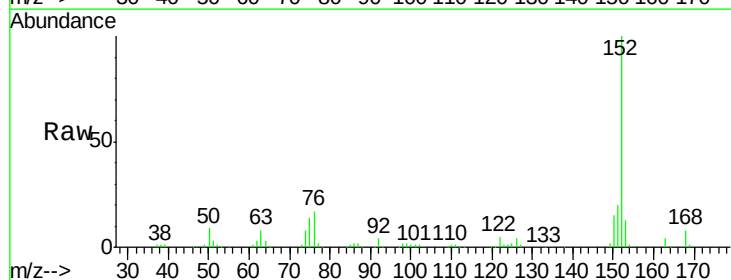
Manual Integrations
APPROVED

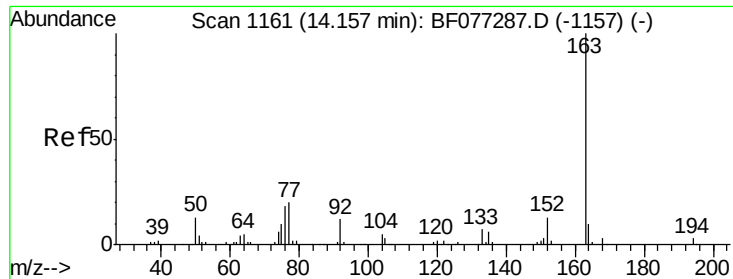
mohammad
2/13/2015 5:40:16 PM



#48
Acenaphthylene
Concen: 41.55 ng
RT: 14.18 min Scan# 1163
Delta R.T. 0.00 min
Lab File: BF077291.D
Acq: 12 Feb 2015 18:50

Tgt Ion	Ratio	Lower	Upper
152	100		
151	19.7	15.3	22.9
153	12.9	10.2	15.2





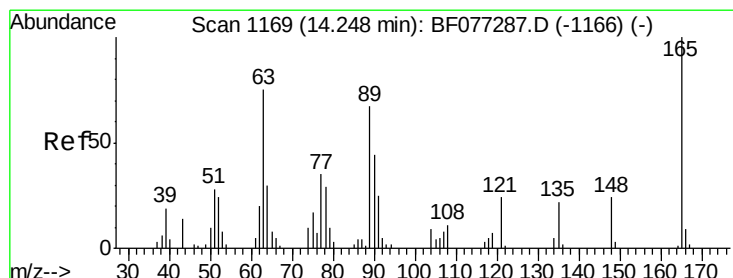
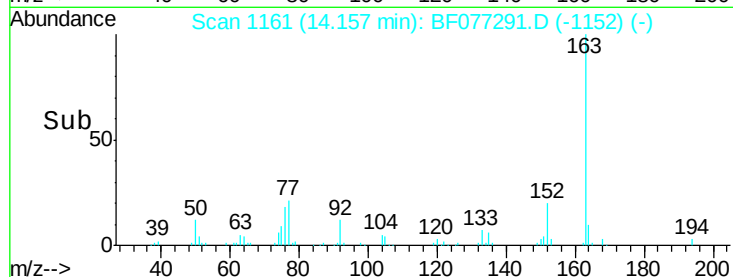
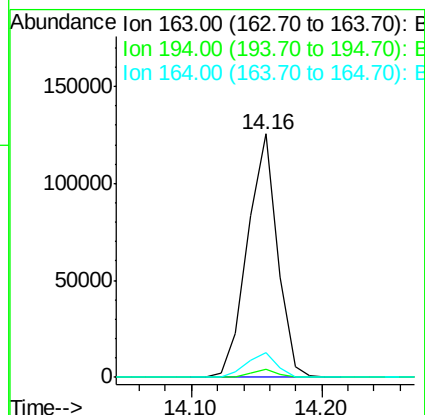
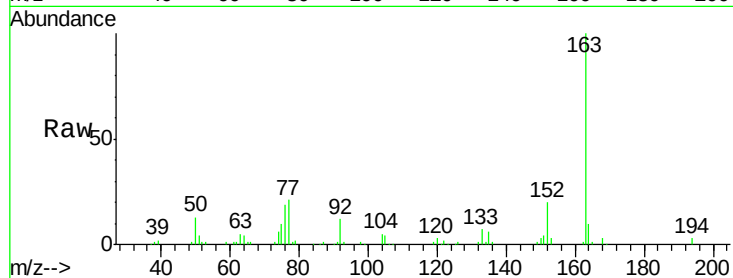
#49
Dimethylphthalate
Concen: 41.65 ng
RT: 14.16 min Scan# 1161
Delta R.T. 0.00 min
Lab File: BF077291.D
Acq: 12 Feb 2015 18:50

Instrument :
BNA_F
ClientSampleId :
ICVBF021215

Tot Ion	Ion	Ratio	Resp	Lower	Upper
163	100		200095		
194	3.3		2.3	3.5	
164	10.1		7.6	11.4	

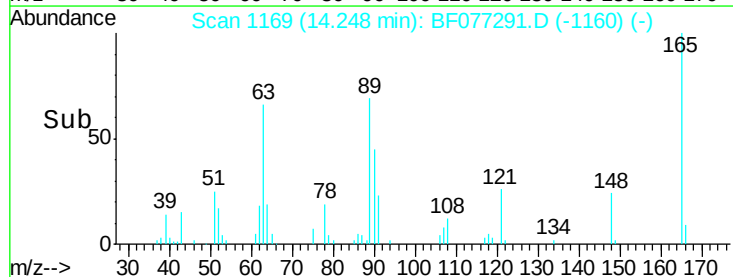
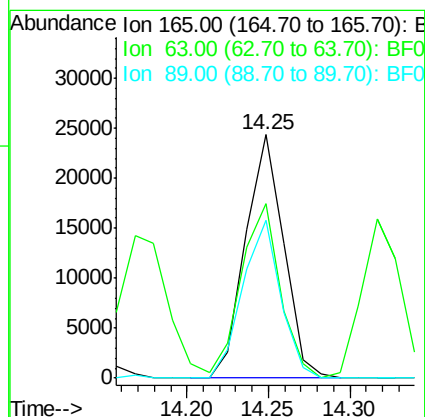
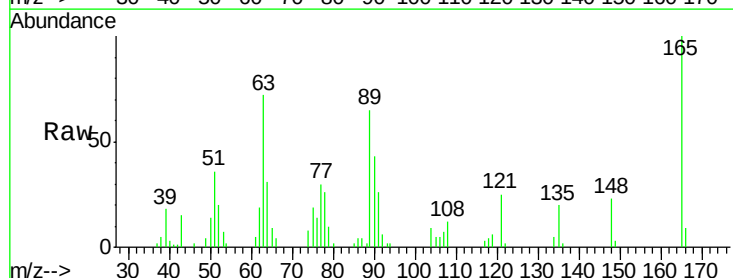
Manual Integrations
APPROVED

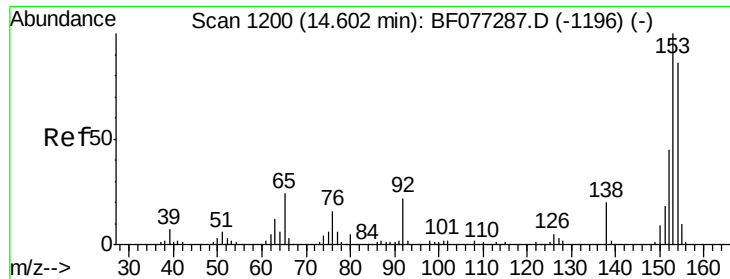
mohammad
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#50
2,6-Dinitrotoluene
Concen: 42.73 ng
RT: 14.25 min Scan# 1169
Delta R.T. 0.00 min
Lab File: BF077291.D
Acq: 12 Feb 2015 18:50

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
165	100		39683		
63	71.6		61.2	91.8	
89	65.0		53.7	80.5	





#51

Acenaphthene

Concen: 41.16 ng

RT: 14.60 min Scan# 1200

Delta R.T. 0.00 min

Lab File: BF077291.D

Acq: 12 Feb 2015 18:50

Instrument :

BNA_F

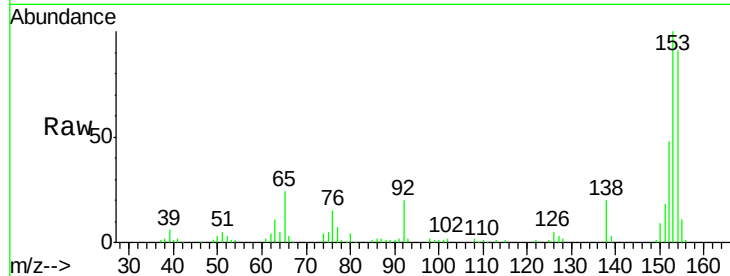
ClientSampleId :

ICVBF021215

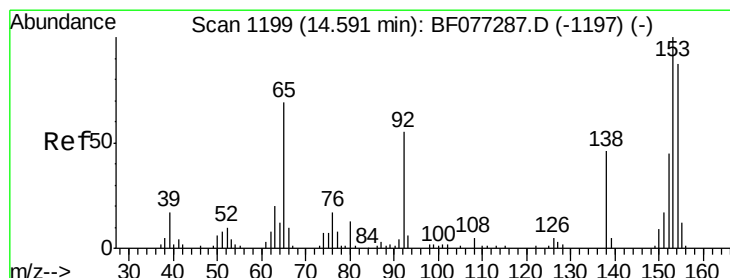
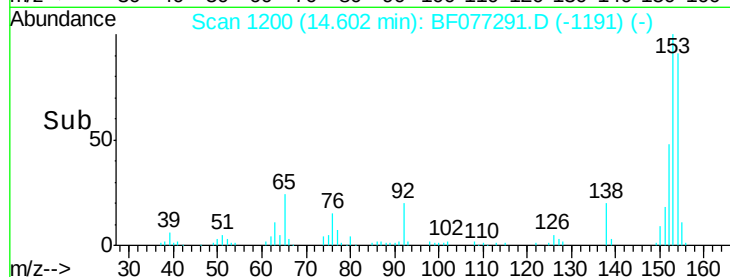
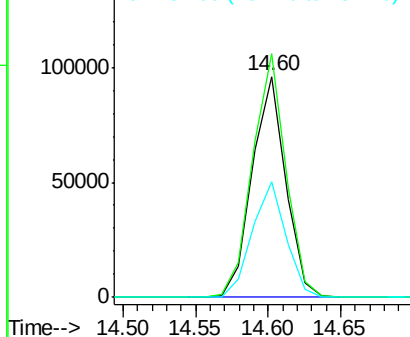
Tot Ion:	154	Resp:	153751
Ion Ratio	Lower	Upper	
154	100		
153	110.3	92.5	138.7
152	52.6	42.1	63.1

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 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 42.35 ng

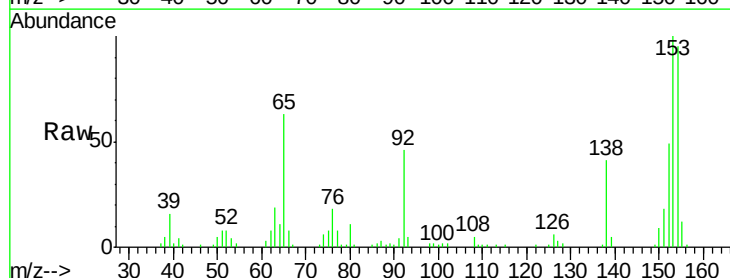
RT: 14.59 min Scan# 1199

Delta R.T. 0.00 min

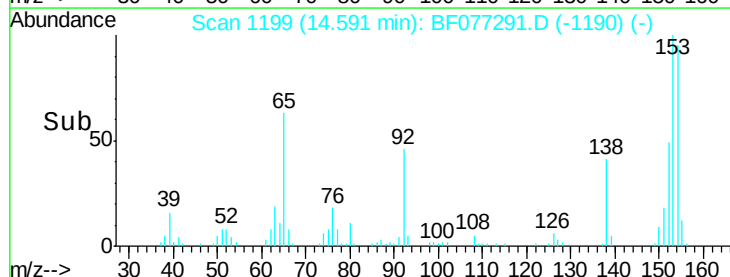
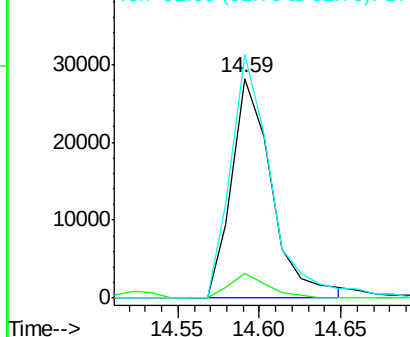
Lab File: BF077291.D

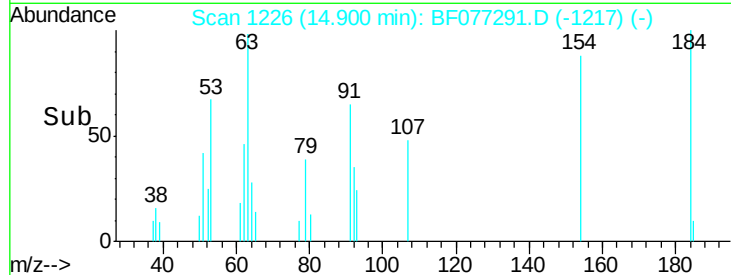
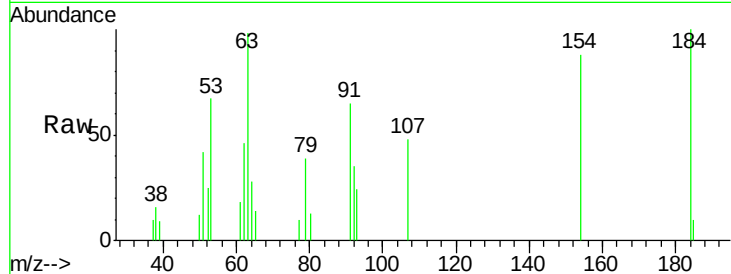
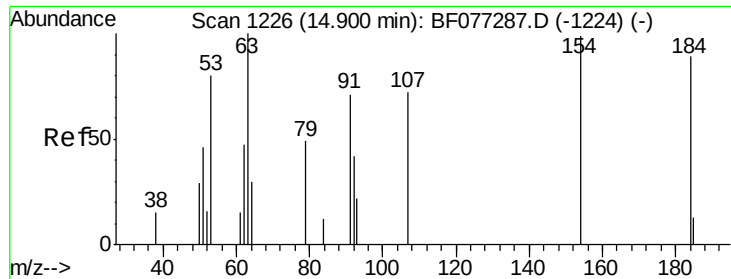
Acq: 12 Feb 2015 18:50

Tgt Ion:	138	Resp:	48116
Ion Ratio	Lower	Upper	
138	100		
108	11.5	9.5	14.3
92	111.0	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





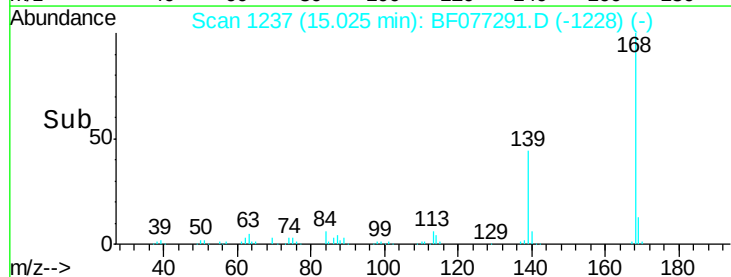
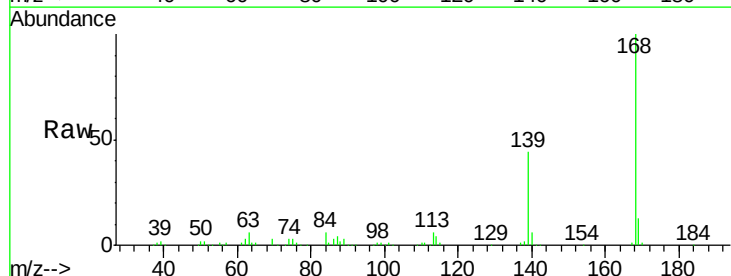
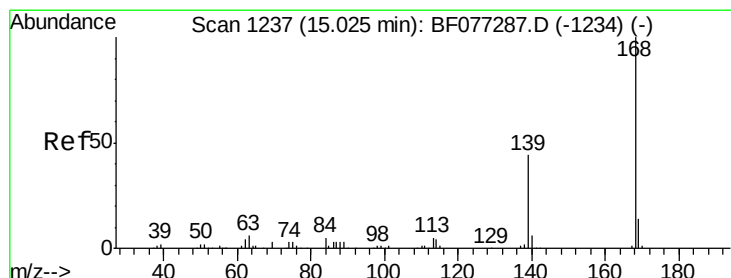
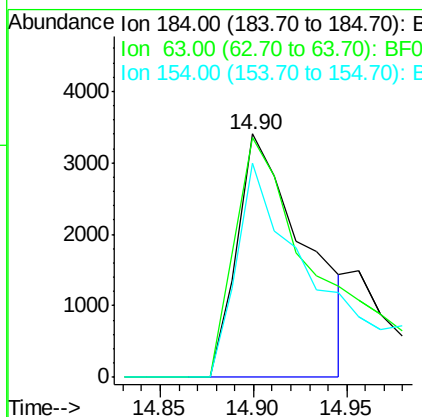
#53
2,4-Dinitrophenol
Concen: 39.30 ng
RT: 14.90 min Scan# 1226
Delta R.T. 0.00 min
Lab File: BF077291.D
Acq: 12 Feb 2015 18:50

Instrument :
BNA_F
ClientSampleId :
ICVBF021215

Tot Ion	Ratio	Lower	Upper
184	100		
63	98.4	90.2	135.4
154	87.9	89.7	134.5#

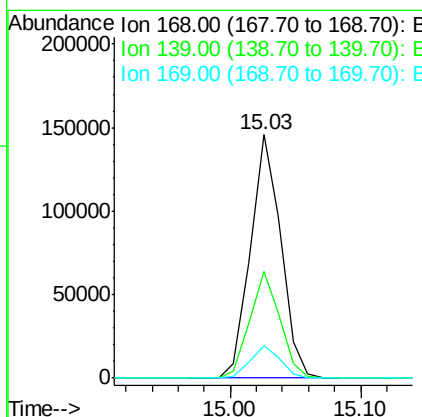
Manual Integrations
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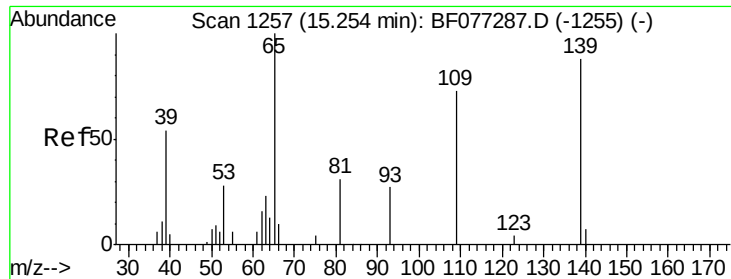
mohammad
2/13/2015 5:40:16 PM



#54
Dibenzofuran
Concen: 41.04 ng
RT: 15.03 min Scan# 1237
Delta R.T. 0.00 min
Lab File: BF077291.D
Acq: 12 Feb 2015 18:50

Tgt Ion	Ratio	Lower	Upper
168	100		
139	43.7	35.6	53.4
169	13.1	10.9	16.3





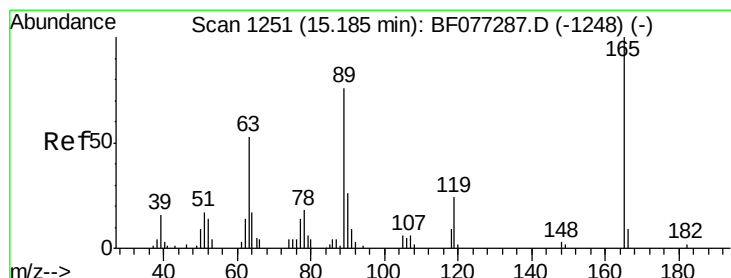
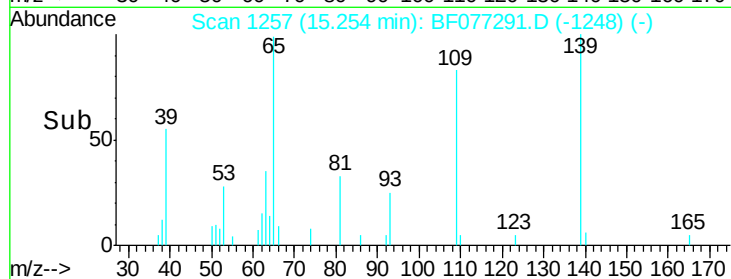
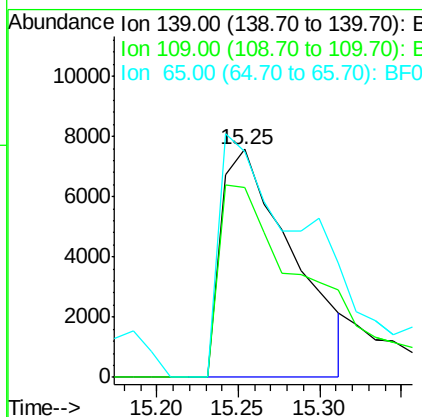
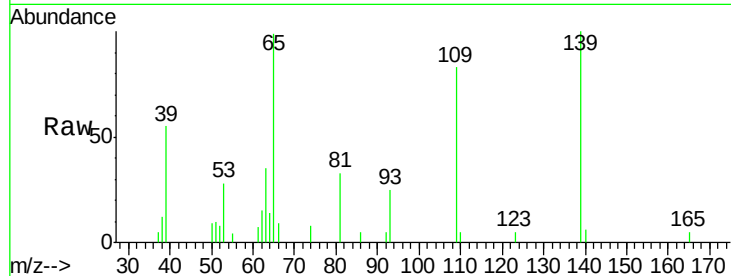
#55
4-Nitrophenol
Concen: 41.58 ng
RT: 15.25 min Scan# 1257
Delta R.T. 0.00 min
Lab File: BF077291.D
Acq: 12 Feb 2015 18:50

Instrument :
BNA_F
ClientSampleId :
ICVBF021215

Tot Ion	Ratio	Resp	Lower	Upper
139	100	22992		
109	83.4	62.7	102.7	
65	98.9	93.5	133.5	

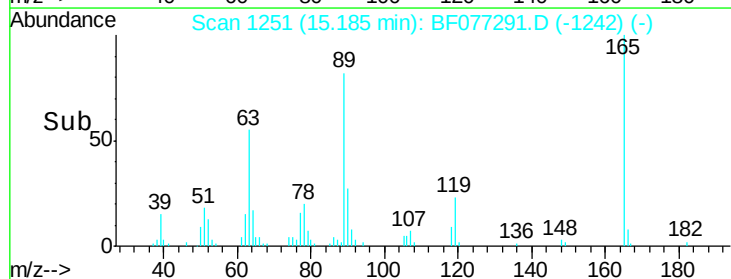
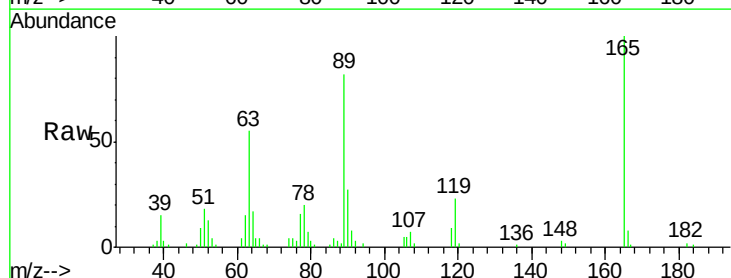
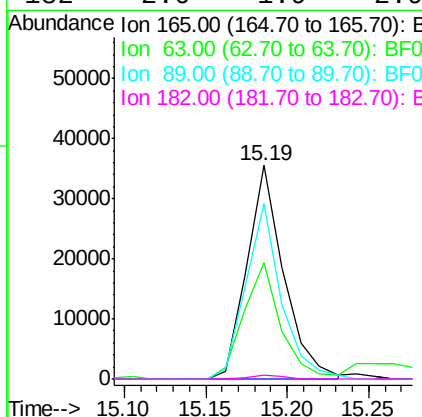
Manual Integrations
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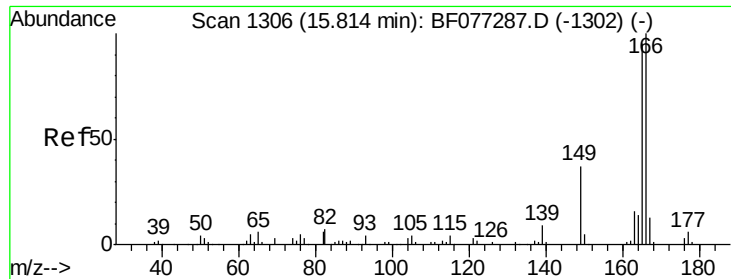
mohammad
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#56
2,4-Dinitrotoluene
Concen: 42.06 ng
RT: 15.19 min Scan# 1251
Delta R.T. 0.00 min
Lab File: BF077291.D
Acq: 12 Feb 2015 18:50

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	55813		
63	54.8	42.4	63.6	
89	82.2	61.1	91.7	
182	2.0	1.9	2.9	





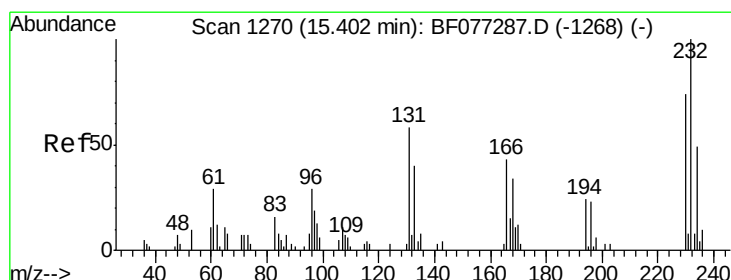
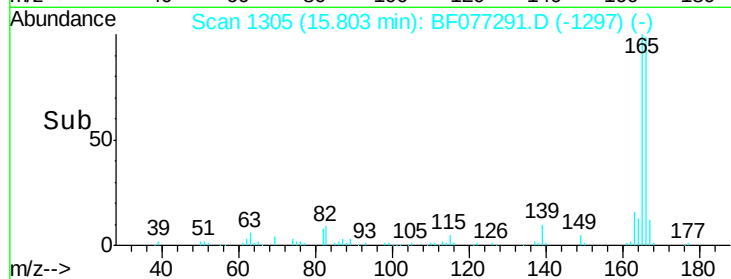
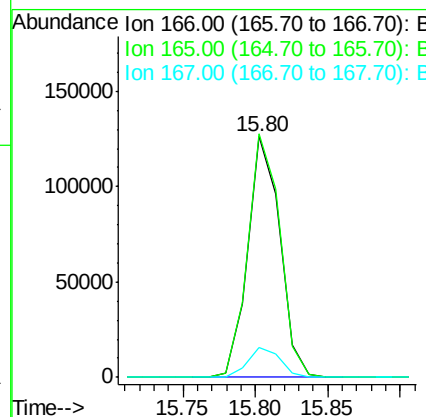
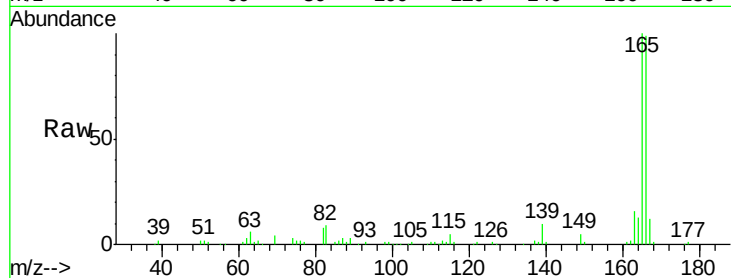
#57
 Fluorene
 Concen: 41.01 ng
 RT: 15.80 min Scan# 1305
 Delta R.T. -0.01 min
 Lab File: BF077291.D
 Acq: 12 Feb 2015 18:50

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF021215

Tot Ion	Ratio	Resp	Lower	Upper
166	100			
165	101.2	75.9	113.9	
167	12.6	10.2	15.4	

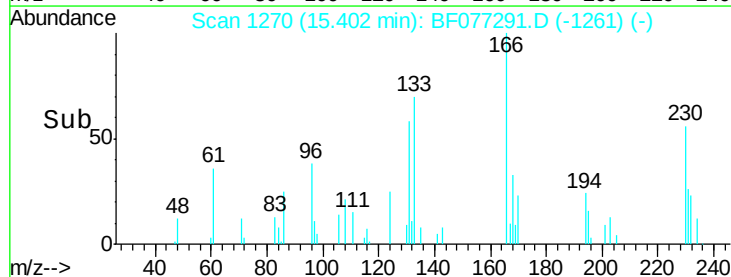
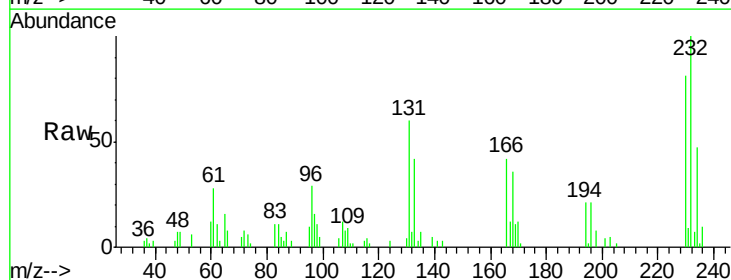
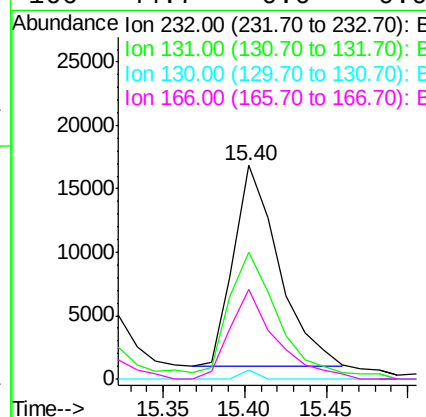
Manual Integrations
 APPROVED

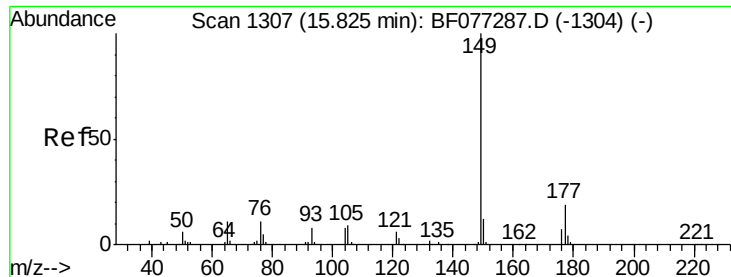
mohammad
 2/13/2015 5:40:16 PM



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 42.12 ng
 RT: 15.40 min Scan# 1270
 Delta R.T. 0.00 min
 Lab File: BF077291.D
 Acq: 12 Feb 2015 18:50

Tgt Ion	Ratio	Resp	Lower	Upper
232	100			
131	60.1	0.0	0.0#	
130	1.7	0.0	0.0#	
166	44.7	0.0	0.0#	





#59

Diethylphthalate

Concen: 42.15 ng

RT: 15.83 min Scan# 1307

Delta R.T. 0.00 min

Lab File: BF077291.D

Acq: 12 Feb 2015 18:50

Instrument :

BNA_F

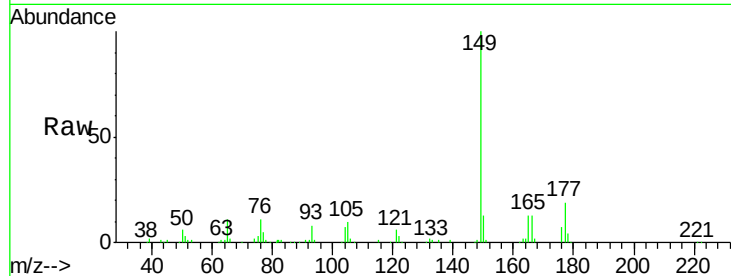
ClientSampleId :

ICVBF021215

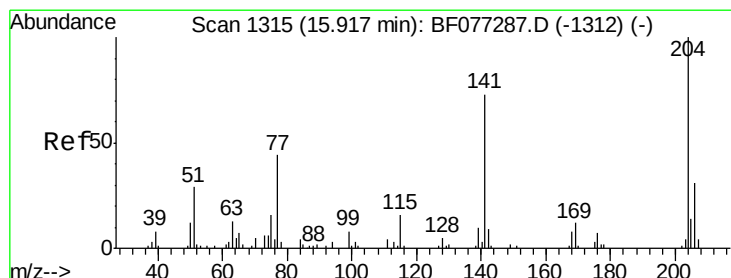
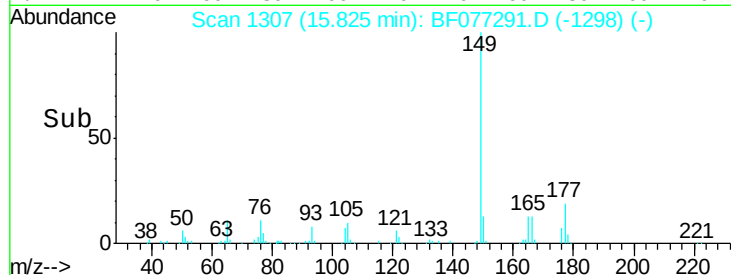
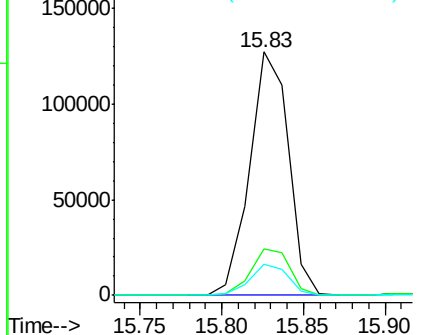
Tot Ion:	149	Resp:	210812
Ion Ratio		Lower	Upper
149	100		
177	19.1	15.0	22.4
150	12.9	9.4	14.2

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



#60

4-Chlorophenyl-phenylether

Concen: 41.87 ng

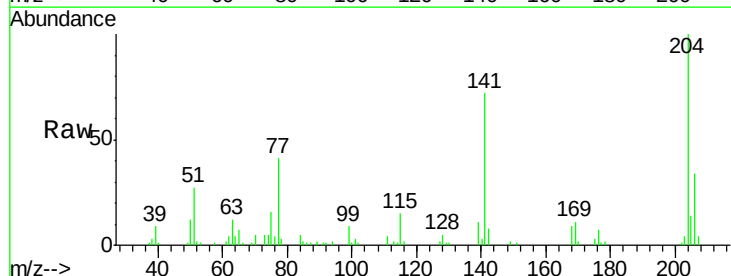
RT: 15.92 min Scan# 1315

Delta R.T. 0.00 min

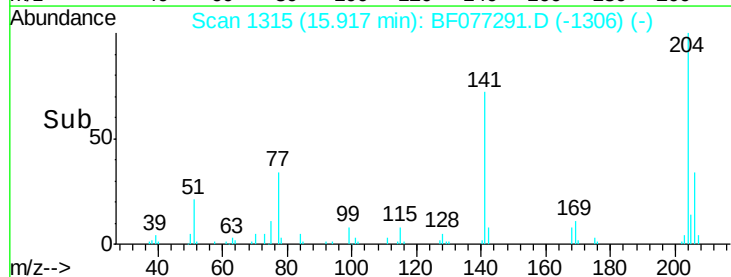
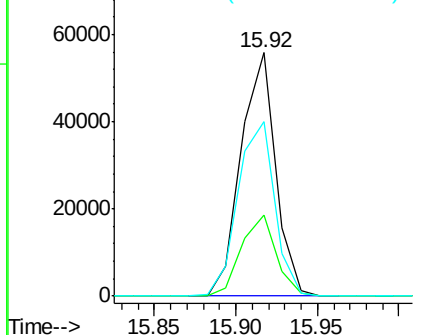
Lab File: BF077291.D

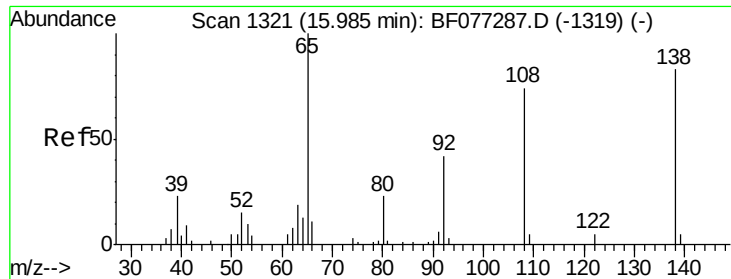
Acq: 12 Feb 2015 18:50

Tgt Ion:	204	Resp:	82320
Ion Ratio		Lower	Upper
204	100		
206	33.5	25.0	37.6
141	71.9	58.6	87.8



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





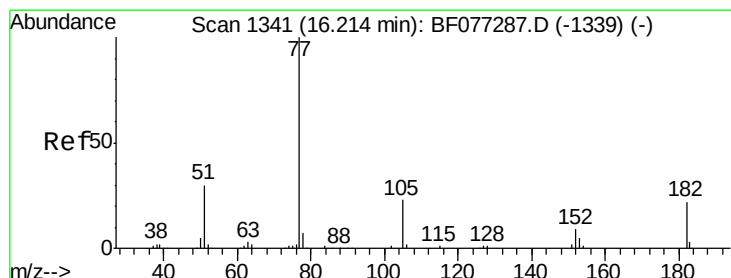
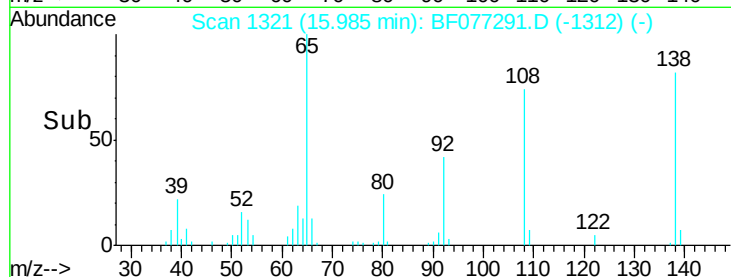
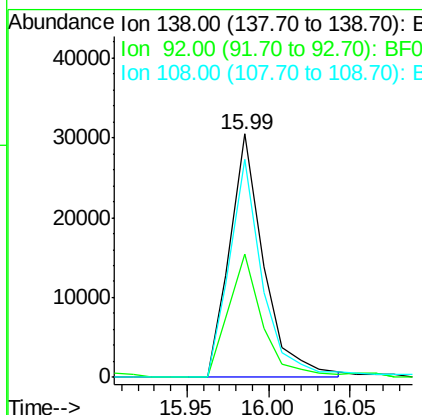
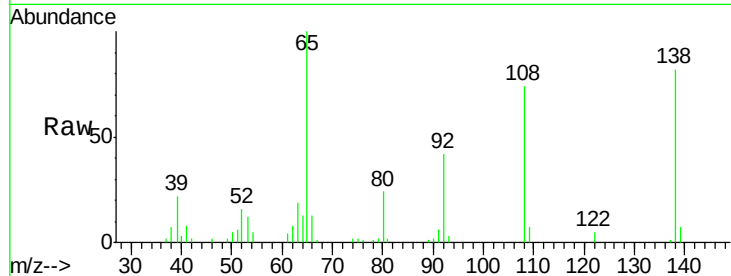
#61
4-Nitroaniline
Concen: 41.88 ng
RT: 15.99 min Scan# 1321
Delta R.T. 0.00 min
Lab File: BF077291.D
Acq: 12 Feb 2015 18:50

Instrument :
BNA_F
ClientSampleId :
ICVBF021215

Tot Ion	Ratio	Lower	Upper
138	100		
92	50.9	30.7	70.7
108	89.6	69.7	109.7

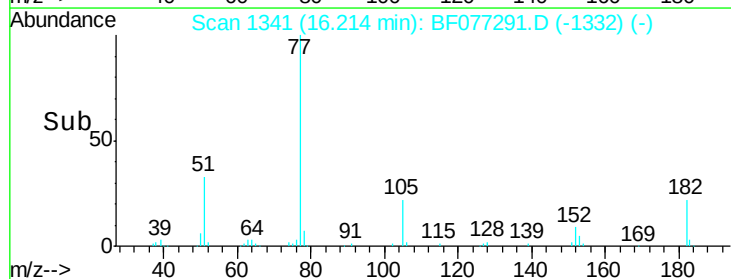
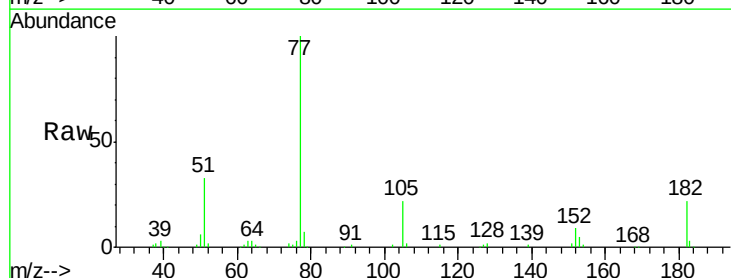
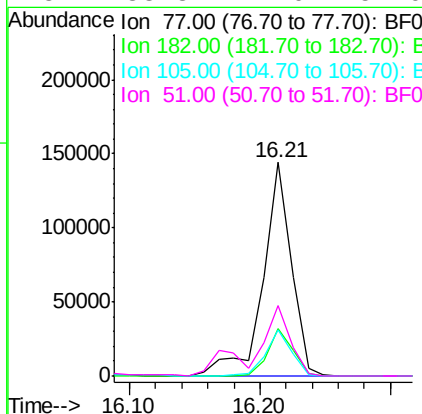
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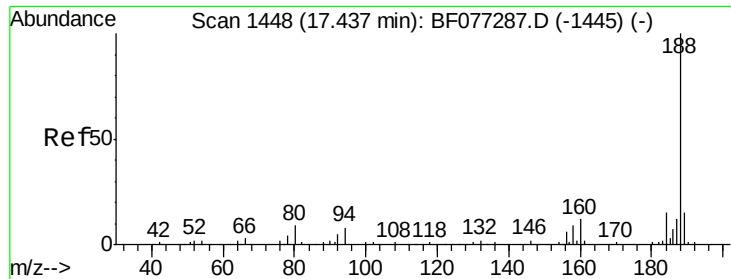
mohammad
2/13/2015 5:40:16 PM



#62
Azobenzene
Concen: 45.95 ng
RT: 16.21 min Scan# 1341
Delta R.T. 0.00 min
Lab File: BF077291.D
Acq: 12 Feb 2015 18:50

Tgt Ion	Ratio	Lower	Upper
77	100		
182	22.1	0.9	40.9
105	21.9	2.2	42.2
51	33.3	12.0	52.0





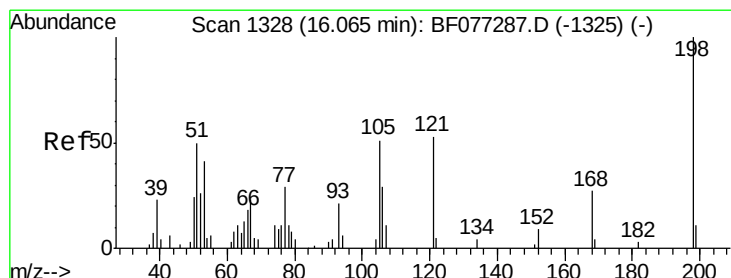
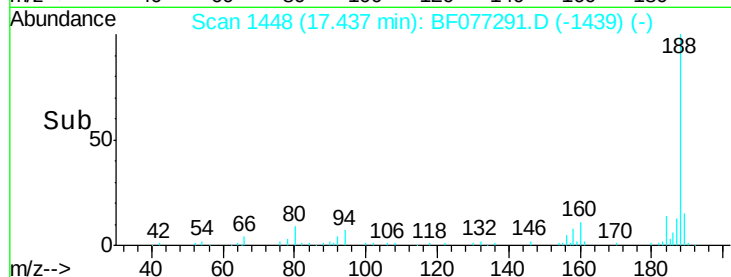
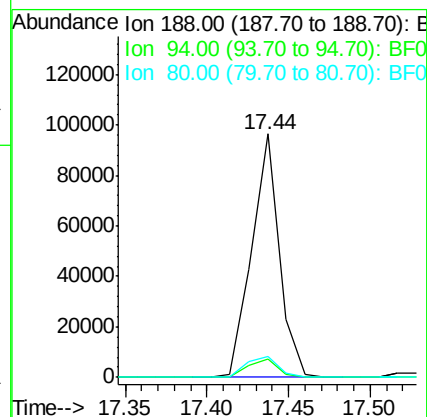
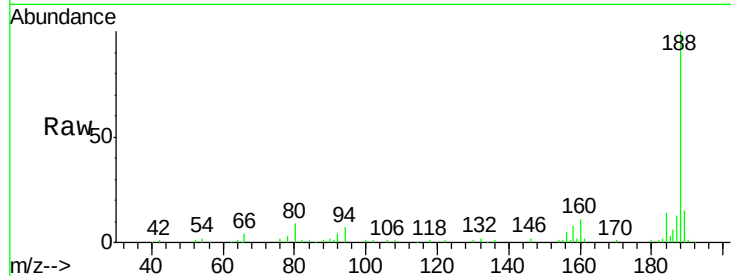
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 17.44 min Scan# 1448
 Delta R.T. 0.00 min
 Lab File: BF077291.D
 Acq: 12 Feb 2015 18:50

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF021215

Tot Ion	Ratio	Resp Lower	Upper
188	100		
94	7.5	6.5	9.7
80	8.5	7.1	10.7

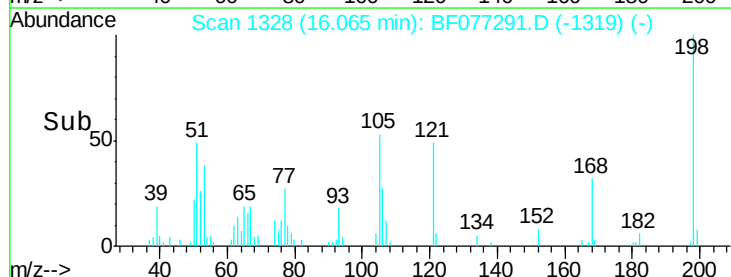
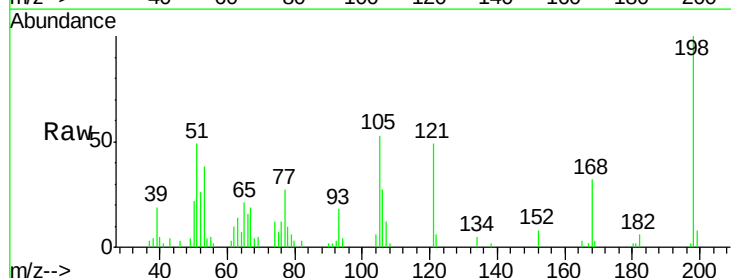
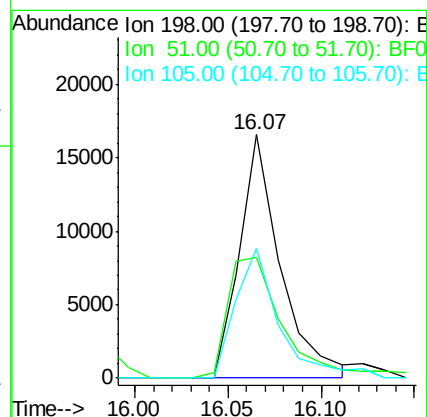
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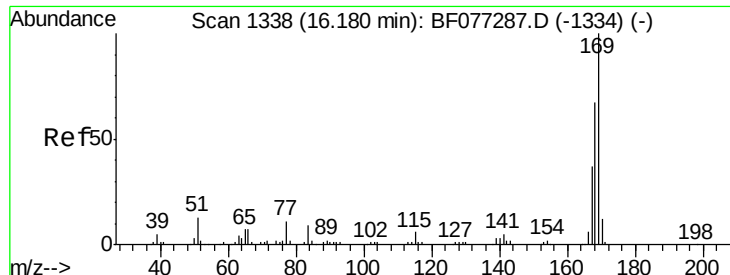
mohammad
 2/13/2015 5:40:16 PM



#64
 4,6-Dinitro-2-methylphenol
 Concen: 40.31 ng
 RT: 16.07 min Scan# 1328
 Delta R.T. 0.00 min
 Lab File: BF077291.D
 Acq: 12 Feb 2015 18:50

Tgt Ion	Ratio	Resp Lower	Upper
198	100		
51	49.4	33.8	73.8
105	53.1	30.9	70.9





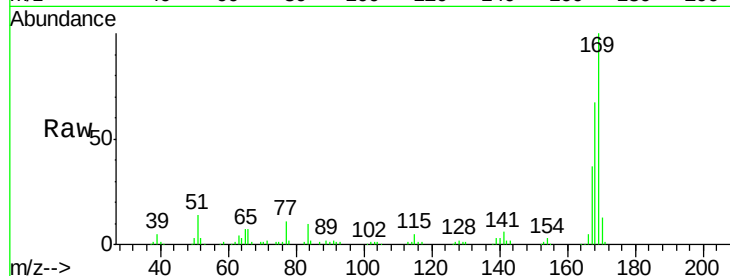
#65
n-Nitrosodiphenylamine
Concen: 40.24 ng
RT: 16.18 min Scan# 1338
Delta R.T. 0.00 min
Lab File: BF077291.D
Acq: 12 Feb 2015 18:50

Instrument :
BNA_F
ClientSampleId :
ICVBF021215

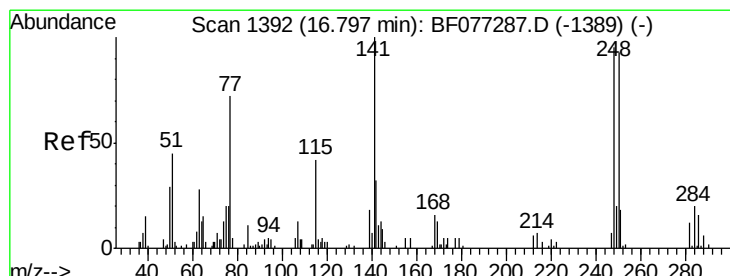
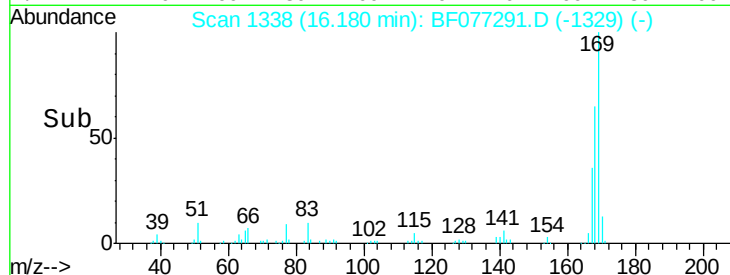
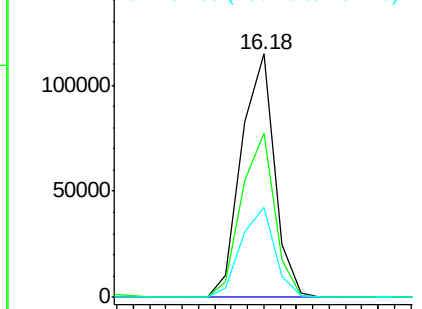
Tot Ion	Ratio	Resp	Lower	Upper
169	100	161328		
168	67.5	53.9	80.9	
167	36.9	29.6	44.4	

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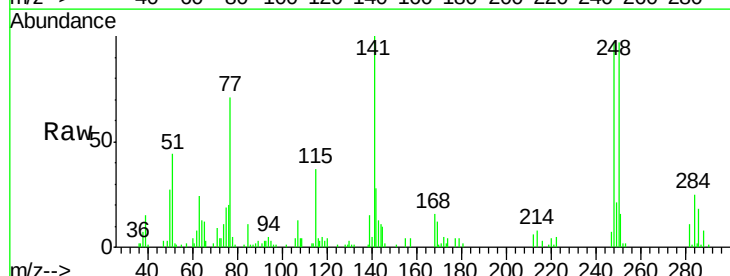


Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E

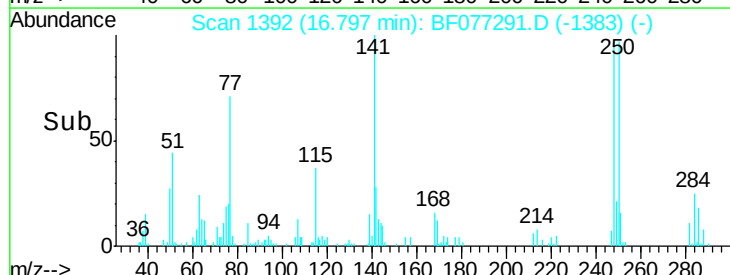
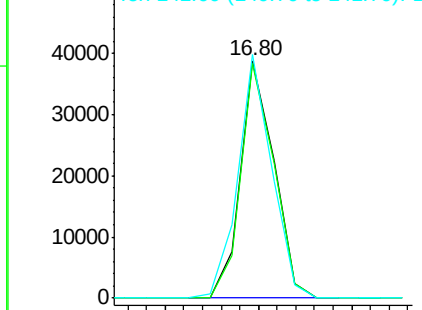


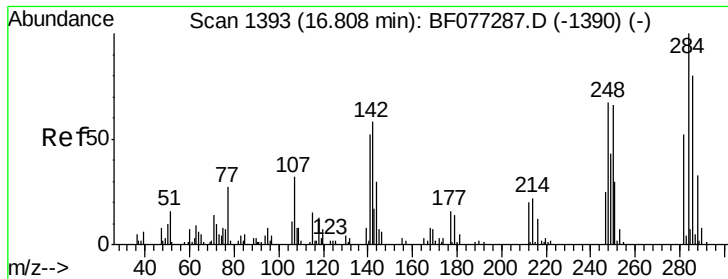
#66
4-Bromophenyl-phenylether
Concen: 41.54 ng
RT: 16.80 min Scan# 1392
Delta R.T. 0.00 min
Lab File: BF077291.D
Acq: 12 Feb 2015 18:50

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	48806		
250	99.2	77.8	116.8	
141	102.6	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





#67

Hexachlorobenzene

Concen: 42.38 ng

RT: 16.81 min Scan# 1393

Delta R.T. 0.00 min

Lab File: BF077291.D

Acq: 12 Feb 2015 18:50

Instrument :

BNA_F

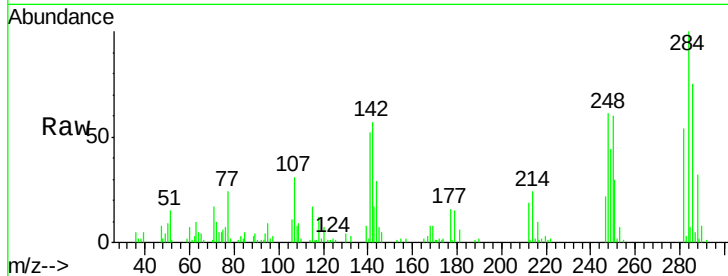
ClientSampleId :

ICVBF021215

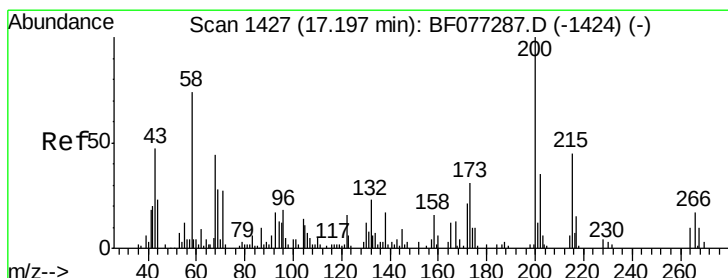
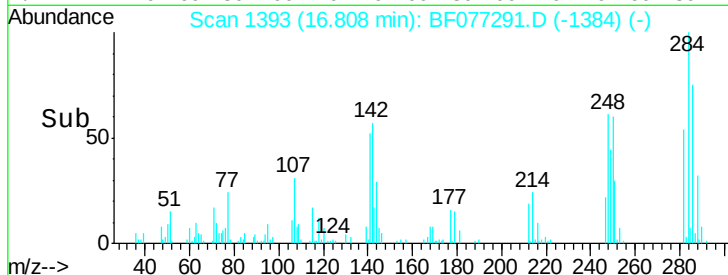
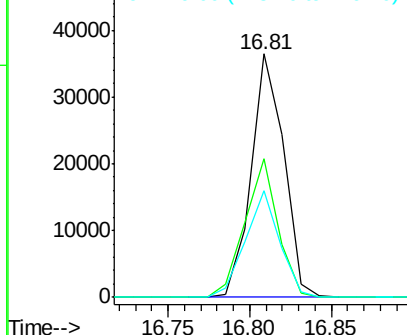
Tot Ion:	284	Resp:	50696
Ion Ratio	Lower	Upper	
284	100		
142	56.7	46.2	69.4
249	43.8	34.5	51.7

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Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 40.15 ng

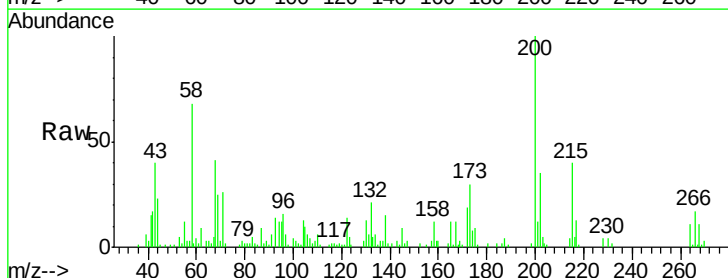
RT: 17.20 min Scan# 1427

Delta R.T. 0.00 min

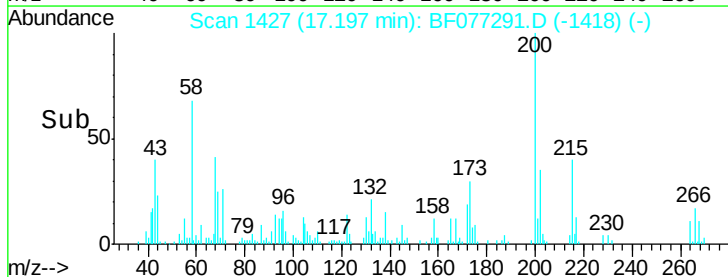
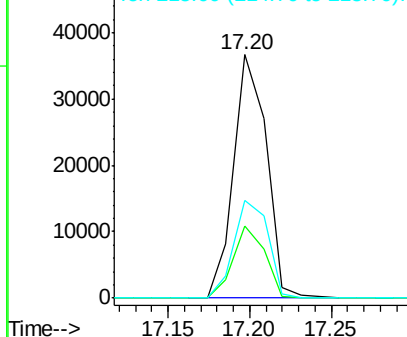
Lab File: BF077291.D

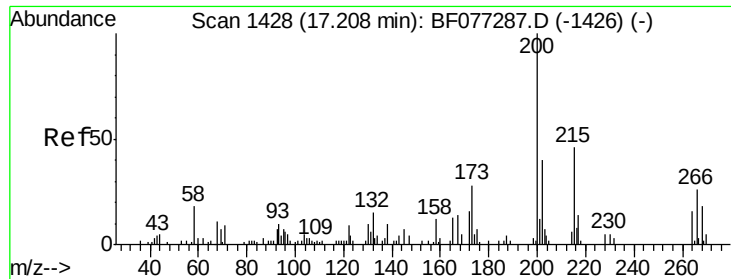
Acq: 12 Feb 2015 18:50

Tgt Ion:	200	Resp:	50990
Ion Ratio	Lower	Upper	
200	100		
173	29.5	11.3	51.3
215	40.4	25.3	65.3



Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E





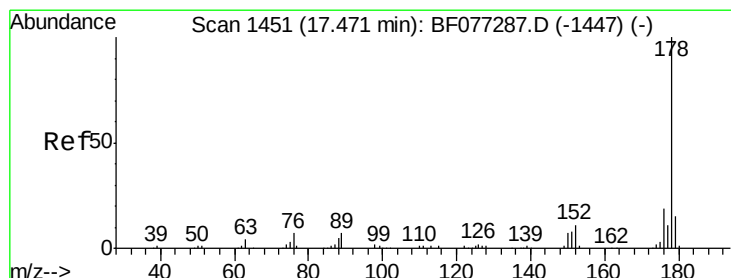
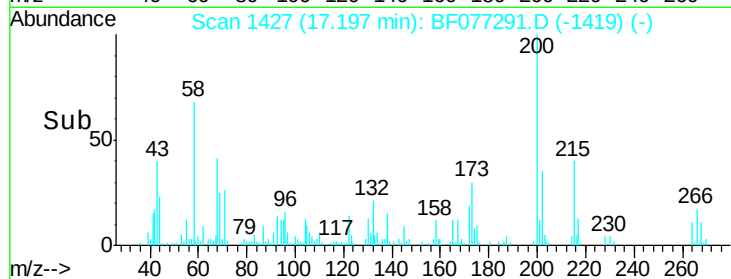
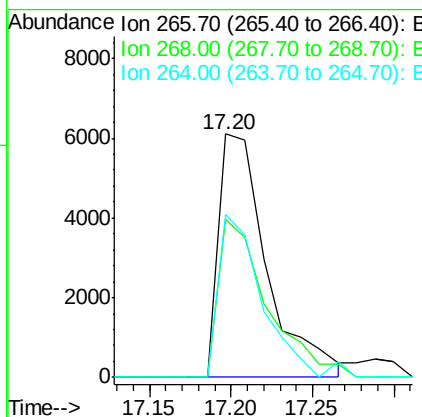
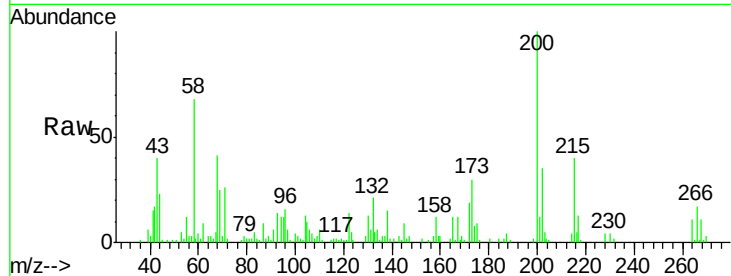
#69
 Pentachlorophenol
 Concen: 39.50 ng
 RT: 17.20 min Scan# 1427
 Delta R.T. -0.01 min
 Lab File: BF077291.D
 Acq: 12 Feb 2015 18:50

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF021215

Tot Ion	Ratio	Lower	Upper
266	100		
268	65.0	55.0	82.6
264	67.1	49.5	74.3

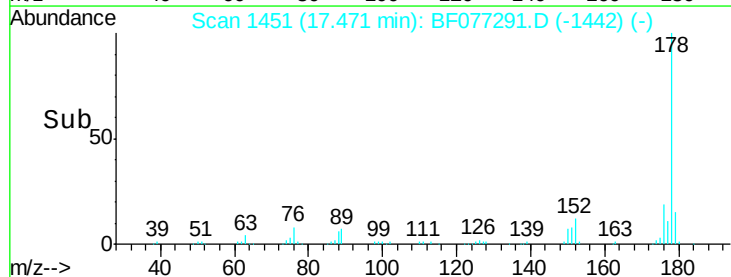
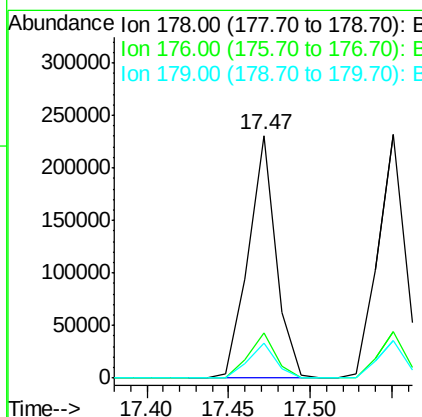
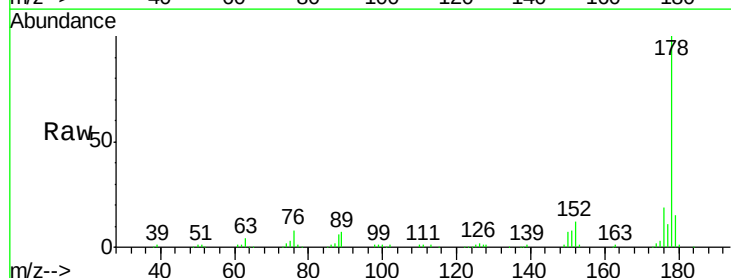
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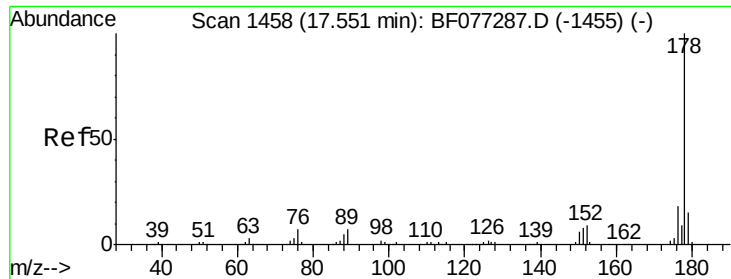
mohammad
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#70
 Phenanthrene
 Concen: 40.02 ng
 RT: 17.47 min Scan# 1451
 Delta R.T. 0.00 min
 Lab File: BF077291.D
 Acq: 12 Feb 2015 18:50

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.7	15.2	22.8
179	14.6	12.1	18.1





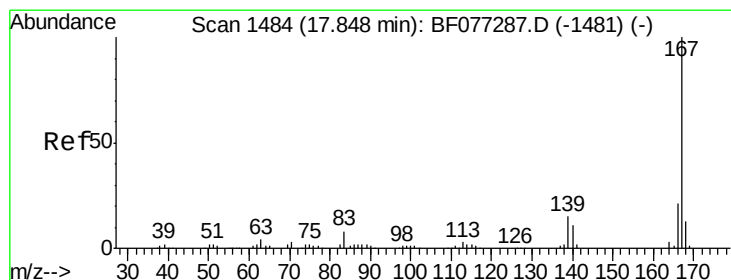
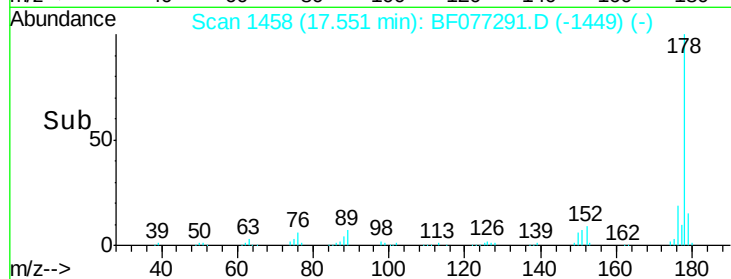
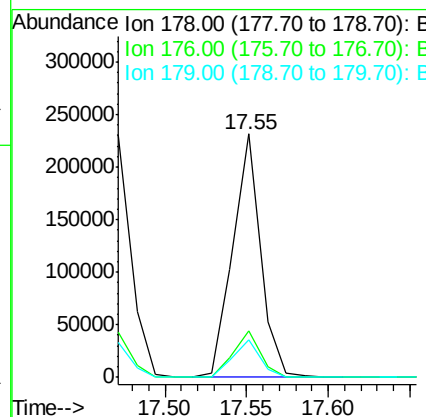
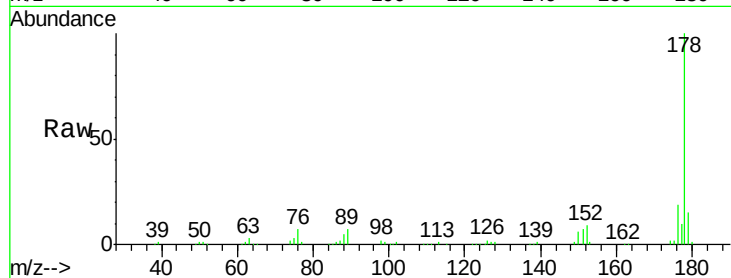
#71
 Anthracene
 Concen: 40.00 ng
 RT: 17.55 min Scan# 1458
 Delta R.T. 0.00 min
 Lab File: BF077291.D
 Acq: 12 Feb 2015 18:50

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF021215

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.0	14.6	22.0
179	15.5	12.1	18.1

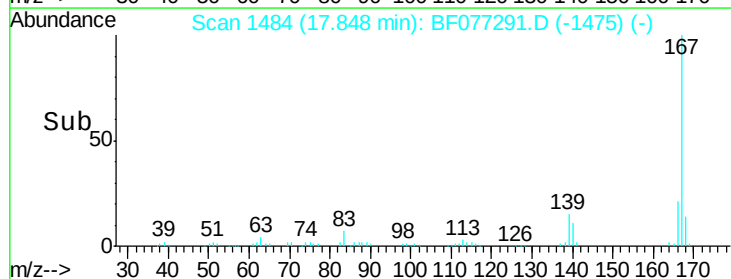
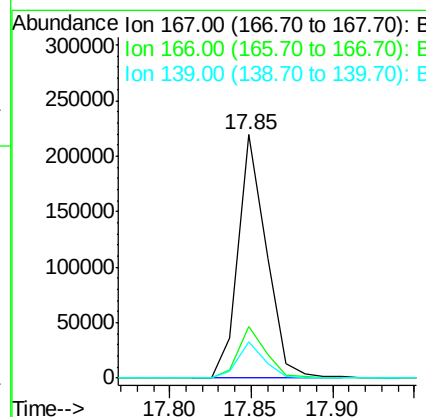
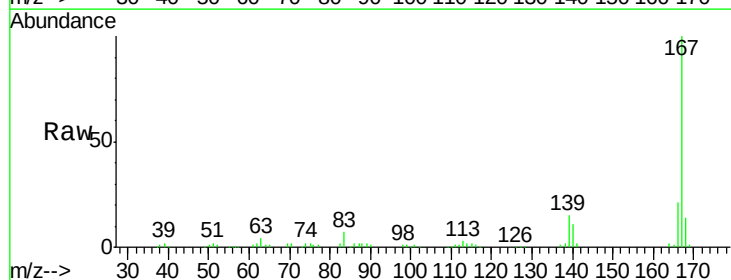
Manual Integrations
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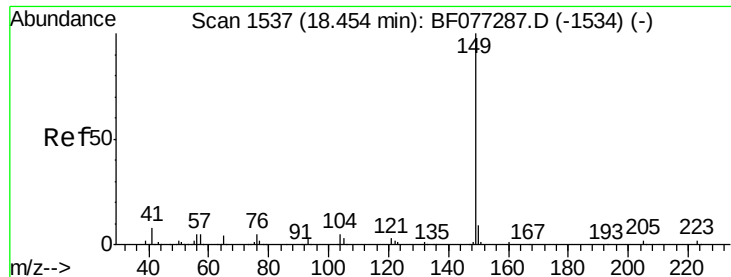
mohammad
 2/13/2015 5:40:16 PM



#72
 Carbazole
 Concen: 40.36 ng
 RT: 17.85 min Scan# 1484
 Delta R.T. 0.00 min
 Lab File: BF077291.D
 Acq: 12 Feb 2015 18:50

Tgt Ion	Ratio	Lower	Upper
167	100		
166	21.2	17.0	25.6
139	15.0	11.7	17.5





#73

Di-n-butylphthalate

Concen: 43.08 ng

RT: 18.45 min Scan# 1537

Delta R.T. 0.00 min

Lab File: BF077291.D

Acq: 12 Feb 2015 18:50

Instrument :

BNA_F

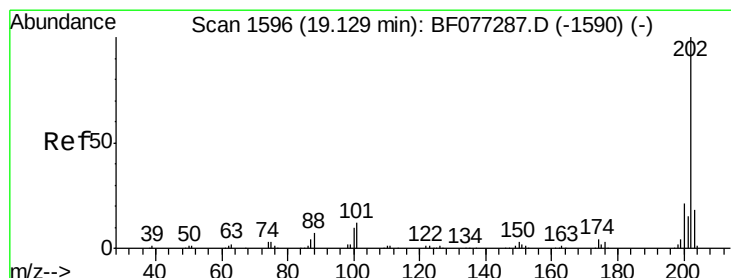
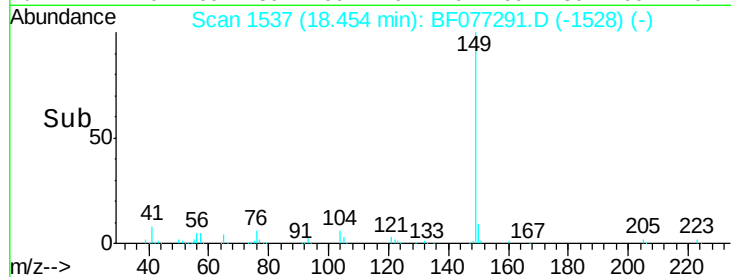
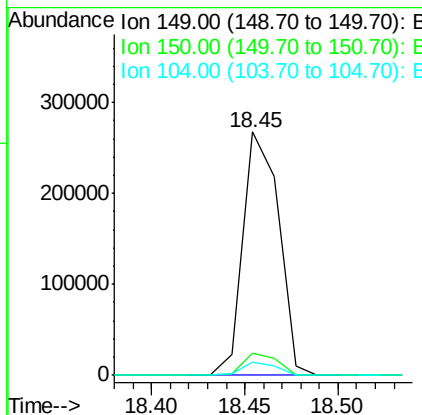
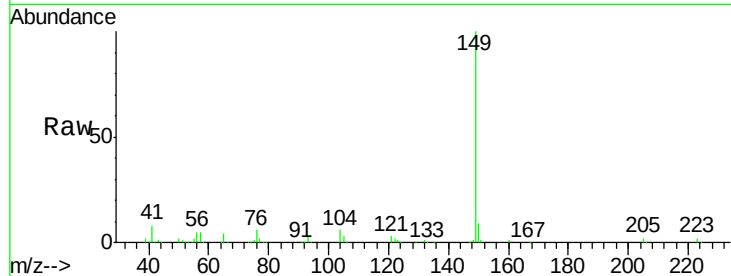
ClientSampleId :

ICVBF021215

Tot Ion:	149	Resp:	356275
Ion Ratio	Lower	Upper	
149	100		
150	9.3	7.4	11.2
104	5.5	4.2	6.2

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#74

Fluoranthene

Concen: 40.35 ng

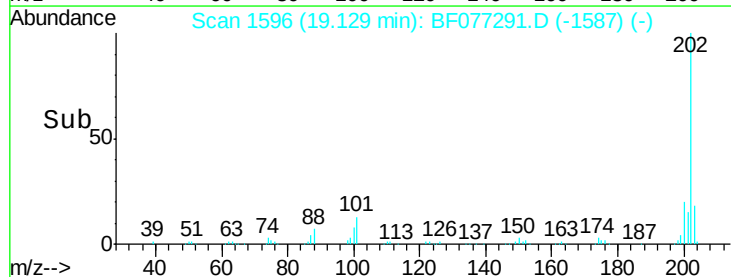
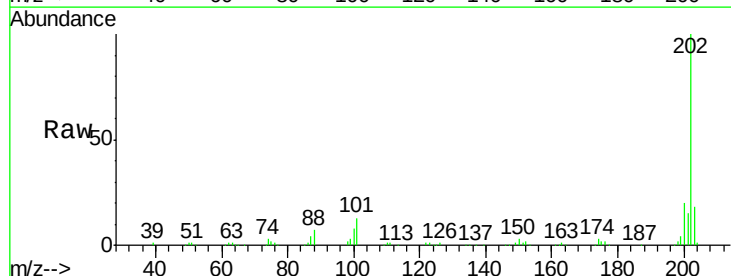
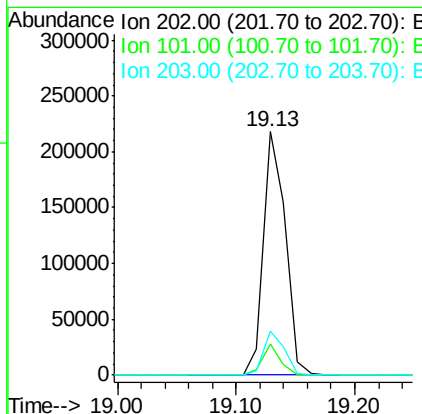
RT: 19.13 min Scan# 1596

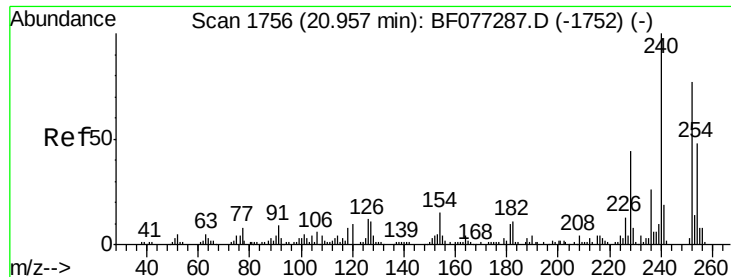
Delta R.T. 0.00 min

Lab File: BF077291.D

Acq: 12 Feb 2015 18:50

Tgt Ion:	202	Resp:	281813
Ion Ratio	Lower	Upper	
202	100		
101	12.6	0.0	32.4
203	17.9	0.0	37.8





#75

Chrysene-d12

Concen: 20.00 ng

RT: 20.96 min Scan# 1756

Delta R.T. 0.00 min

Lab File: BF077291.D

Acq: 12 Feb 2015 18:50

Instrument :

BNA_F

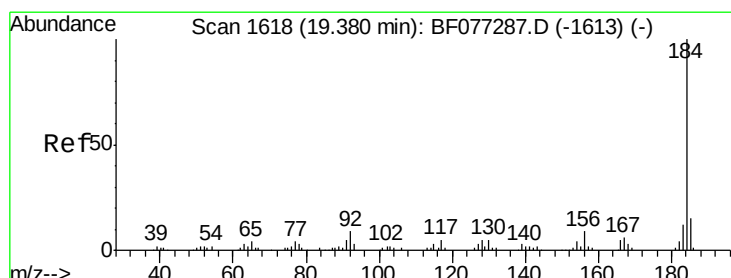
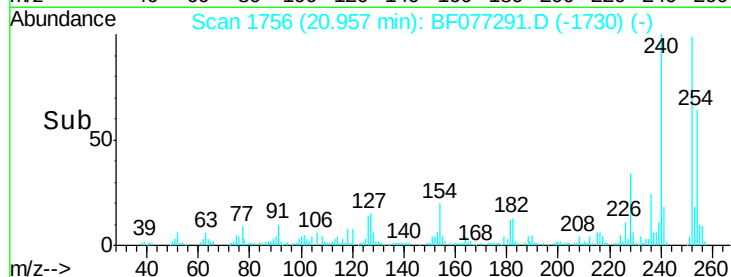
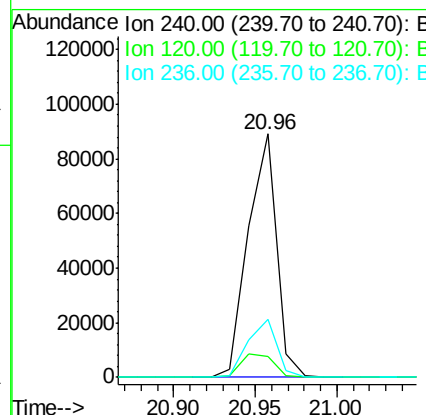
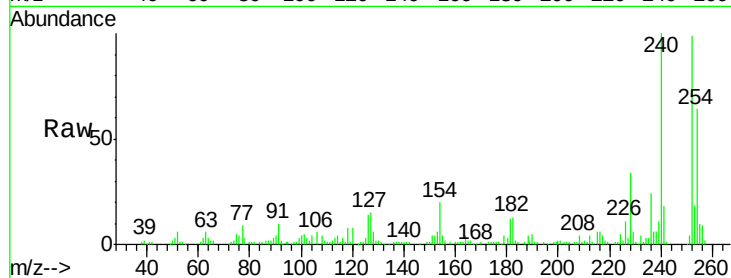
ClientSampleId :

ICVBF021215

Tot Ion:	240	Resp:	107668
Ion Ratio	Lower	Upper	
240	100		
120	8.5	7.8	11.8
236	23.9	20.4	30.6

Manual Integrations
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#76

Benzidine

Concen: 37.08 ng

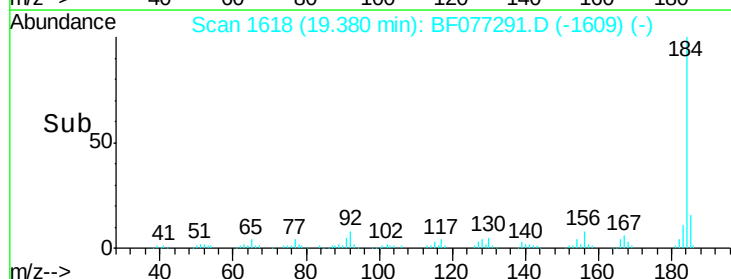
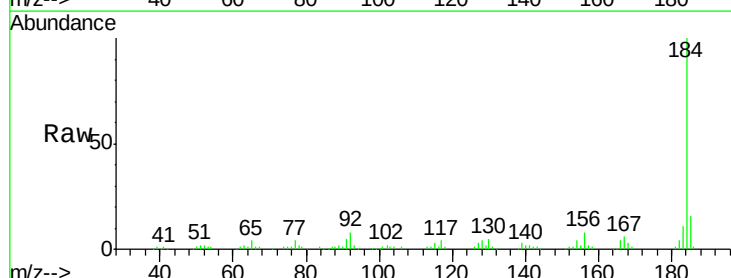
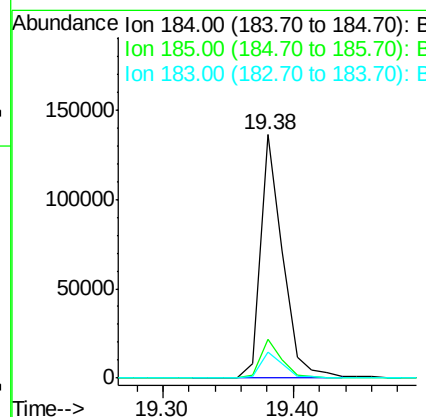
RT: 19.38 min Scan# 1618

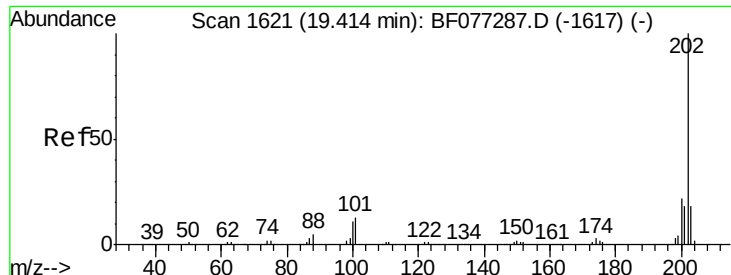
Delta R.T. 0.00 min

Lab File: BF077291.D

Acq: 12 Feb 2015 18:50

Tgt Ion:	184	Resp:	161842
Ion Ratio	Lower	Upper	
184	100		
185	15.7	11.8	17.6
183	10.9	9.3	13.9





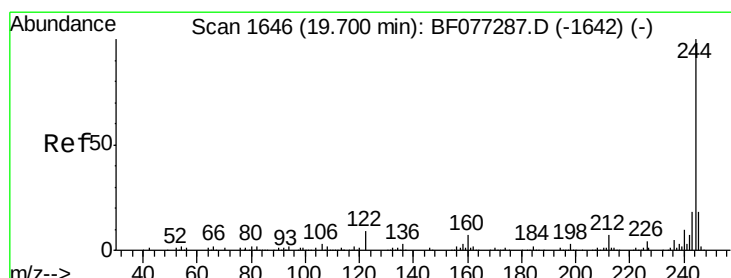
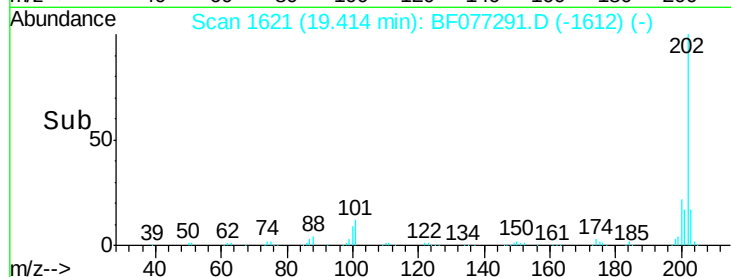
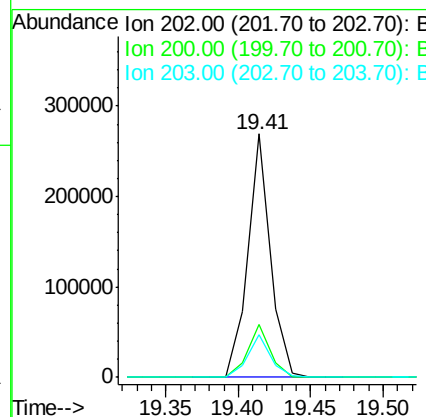
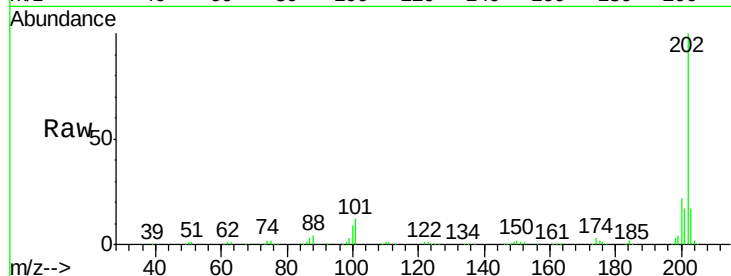
#77
Pvrene
Concen: 40.48 ng
RT: 19.41 min Scan# 1621
Delta R.T. 0.00 min
Lab File: BF077291.D
Acq: 12 Feb 2015 18:50

Instrument :
BNA_F
ClientSampleId :
ICVBF021215

Tot Ion	Ratio	Resp Lower	Upper
202	100		
200	21.6	17.4	26.0
203	17.5	14.1	21.1

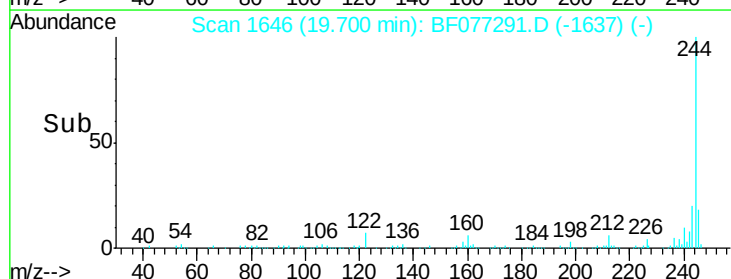
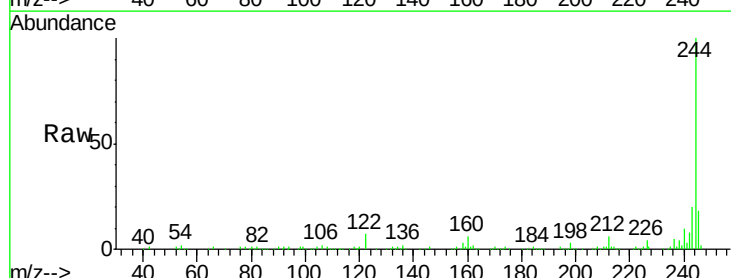
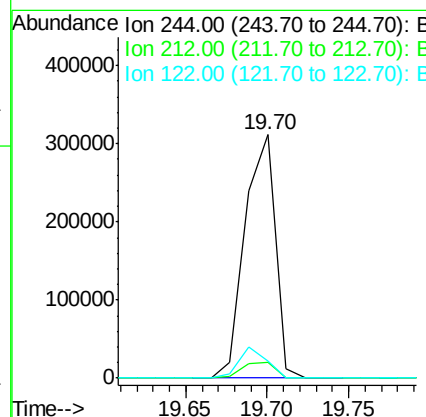
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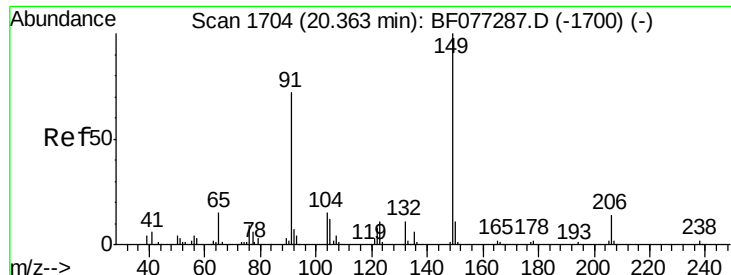
mohammad
2/13/2015 5:40:16 PM



#78
Terphenyl-d14
Concen: 83.60 ng
RT: 19.70 min Scan# 1646
Delta R.T. 0.00 min
Lab File: BF077291.D
Acq: 12 Feb 2015 18:50

Tgt Ion	Ratio	Resp Lower	Upper
244	100		
212	6.4	5.6	8.4
122	7.2	7.0	10.4





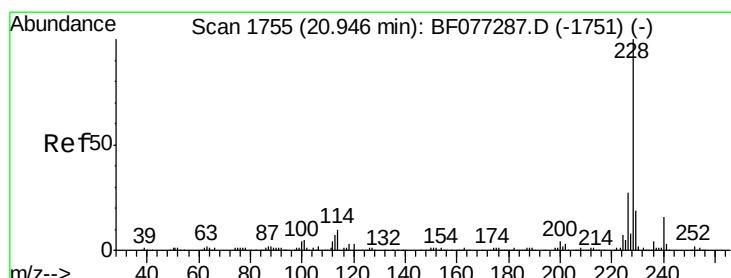
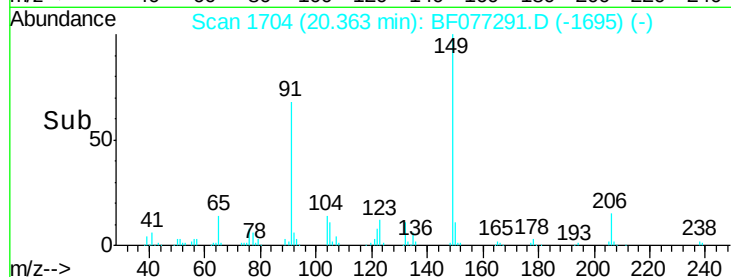
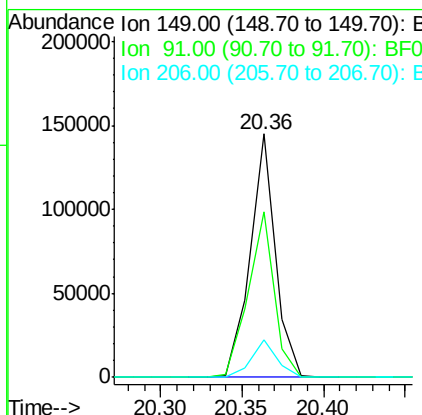
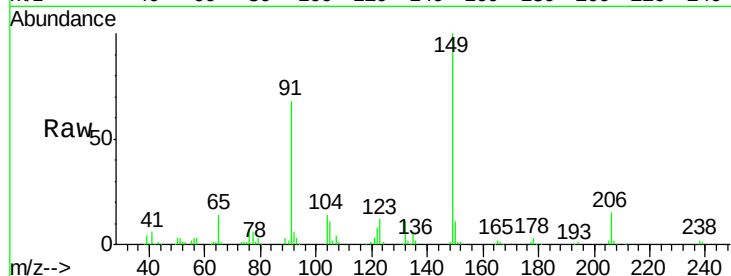
#79
Butylbenzylphthalate
Concen: 42.93 ng
RT: 20.36 min Scan# 1704
Delta R.T. 0.00 min
Lab File: BF077291.D
Acq: 12 Feb 2015 18:50

Instrument :
BNA_F
ClientSampleId :
ICVBF021215

Tot Ion	Ratio	Resp	Lower	Upper
149	100	156075		
91	67.8	57.3	85.9	
206	15.3	11.6	17.4	

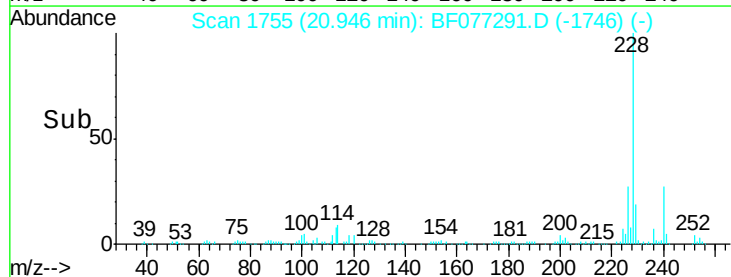
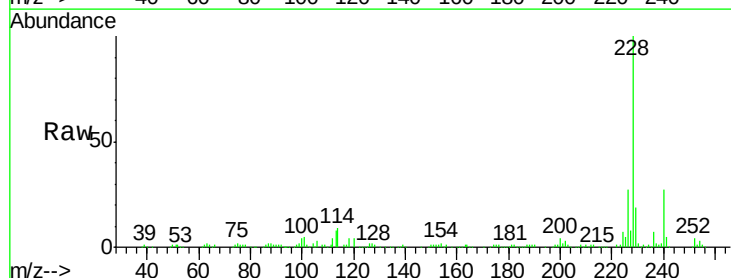
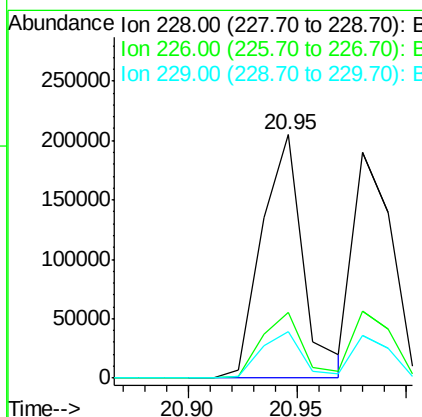
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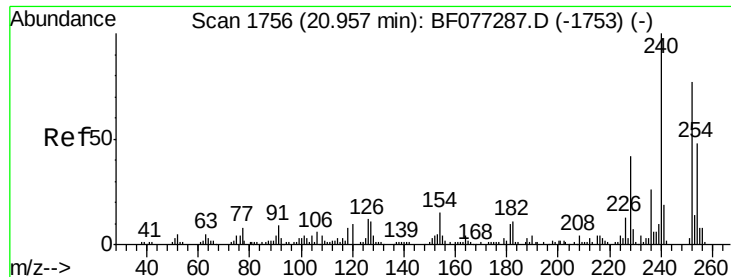
mohammad
2/13/2015 5:40:16 PM



#80
Benzo(a)anthracene
Concen: 40.99 ng
RT: 20.95 min Scan# 1755
Delta R.T. 0.00 min
Lab File: BF077291.D
Acq: 12 Feb 2015 18:50

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	271650		
226	26.9	21.4	32.2	
229	19.2	15.5	23.3	





#81

3,3'-Dichlorobenzidine

Concen: 40.45 ng

RT: 20.96 min Scan# 1756

Delta R.T. 0.00 min

Lab File: BF077291.D

Acq: 12 Feb 2015 18:50

Instrument :

BNA_F

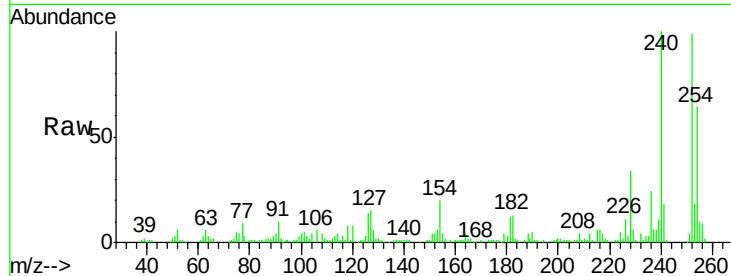
ClientSampleId :

ICVBF021215

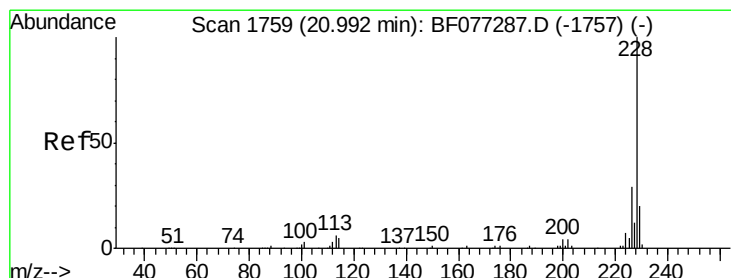
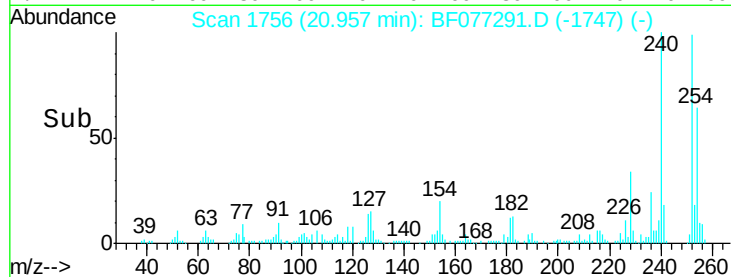
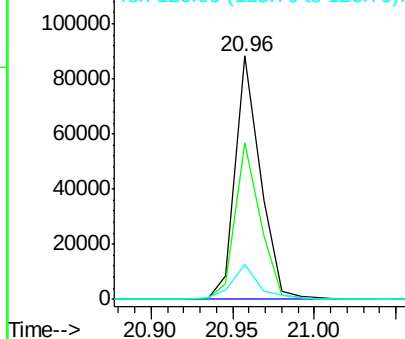
Tot Ion:	252	Resp:	93986
Ion Ratio	Lower	Upper	
252	100		
254	64.1	49.5	74.3
126	14.5	12.6	19.0

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Abundance Ion 252.00 (251.70 to 252.70): E
Ion 254.00 (253.70 to 254.70): E
Ion 126.00 (125.70 to 126.70): E



#82

Chrysene

Concen: 38.92 ng

RT: 20.98 min Scan# 1758

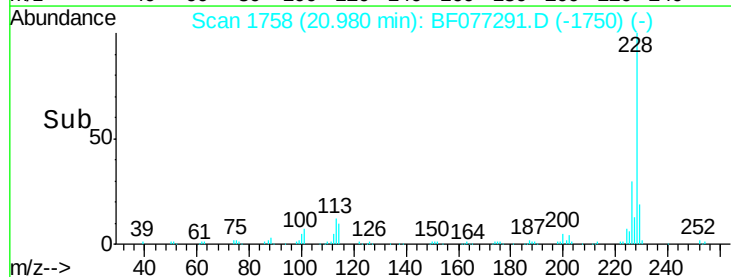
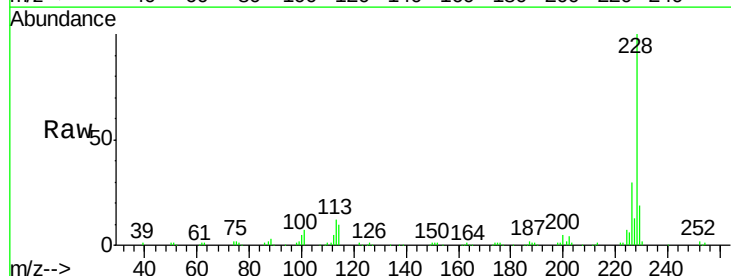
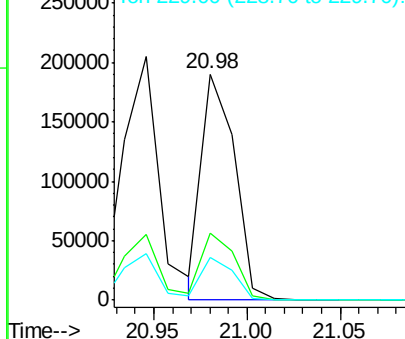
Delta R.T. -0.01 min

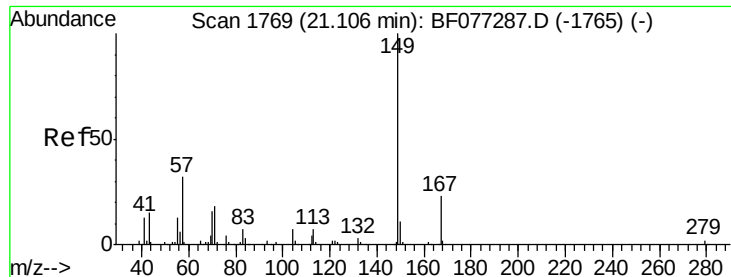
Lab File: BF077291.D

Acq: 12 Feb 2015 18:50

Tgt Ion:	228	Resp:	233696
Ion Ratio	Lower	Upper	
228	100		
226	29.6	24.3	36.5
229	18.8	15.8	23.8

Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E





#83

Bis(2-ethylhexyl)phthalate

Concen: 42.31 ng

RT: 21.11 min Scan# 1769

Delta R.T. 0.00 min

Lab File: BF077291.D

Acq: 12 Feb 2015 18:50

Instrument :

BNA_F

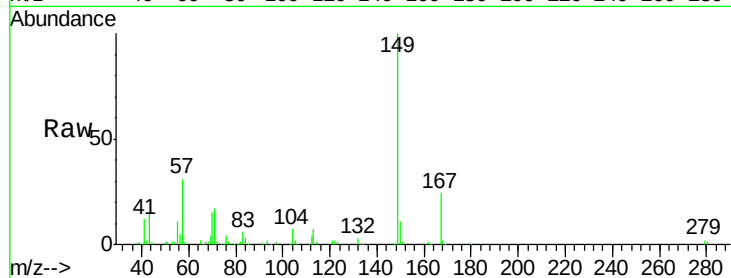
ClientSampleId :

ICVBF021215

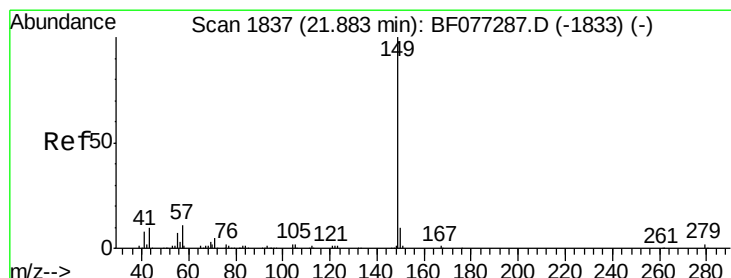
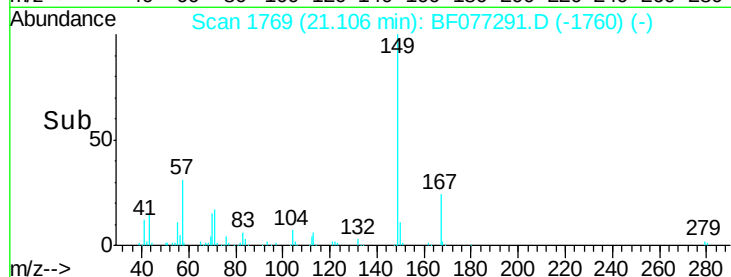
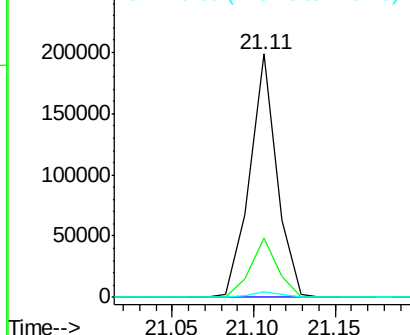
Tot Ion:	149	Resp:	228892
Ion Ratio	Lower	Upper	
149	100		
167	24.4	18.6	28.0
279	2.5	1.5	2.3#

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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: 44.52 ng

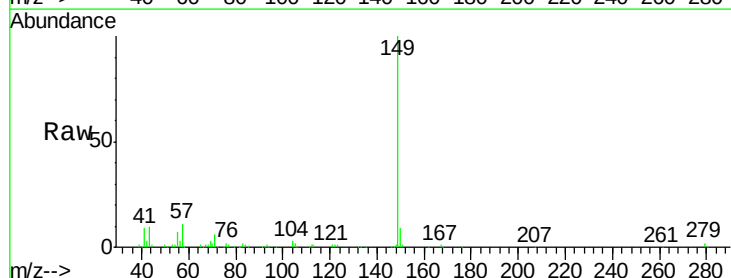
RT: 21.86 min Scan# 1835

Delta R.T. -0.02 min

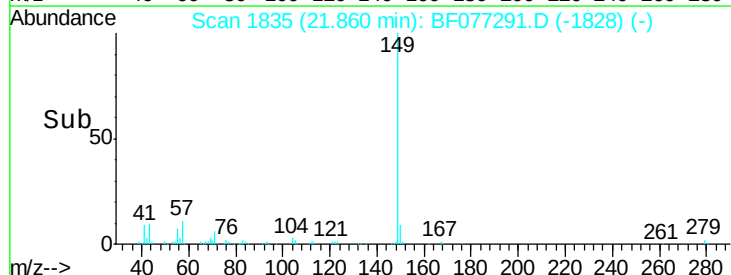
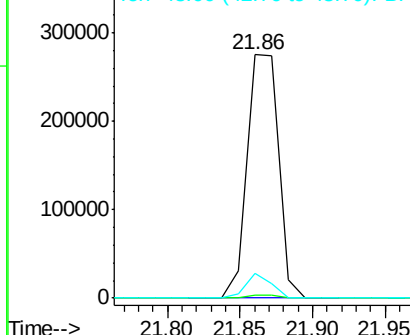
Lab File: BF077291.D

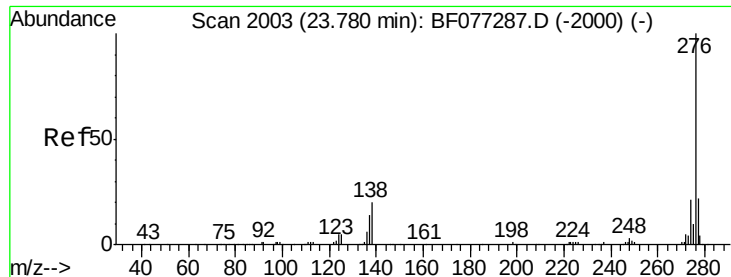
Acq: 12 Feb 2015 18:50

Tgt Ion:	149	Resp:	414174
Ion Ratio	Lower	Upper	
149	100		
167	1.4	1.1	1.7
43	8.2	7.3	10.9



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





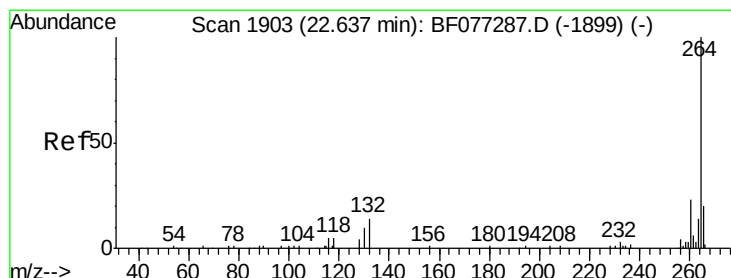
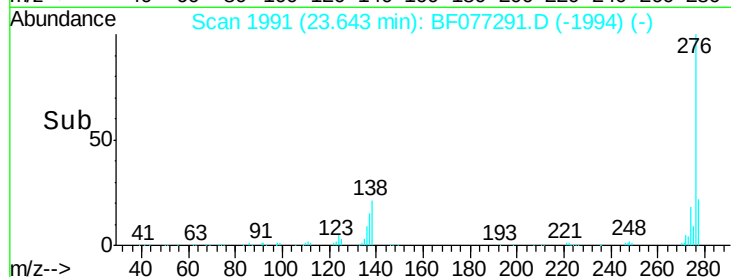
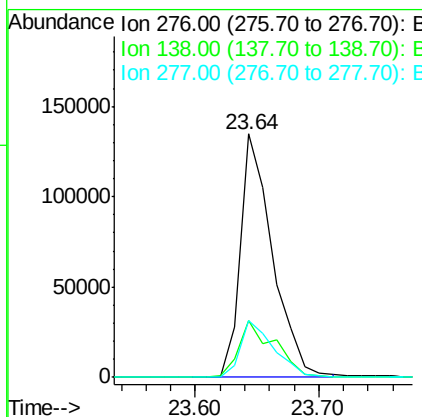
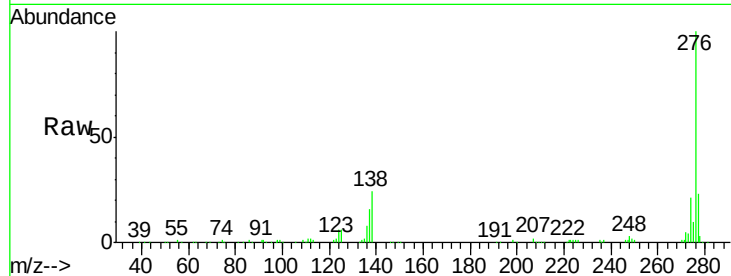
#85
Indeno(1,2,3-cd)pyrene
Concen: 41.88 ng/ml
RT: 23.64 min Scan# 1991
Delta R.T. -0.14 min
Lab File: BF077291.D
Acq: 12 Feb 2015 18:50

Instrument :
BNA_F
ClientSampleId :
ICVBF021215

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

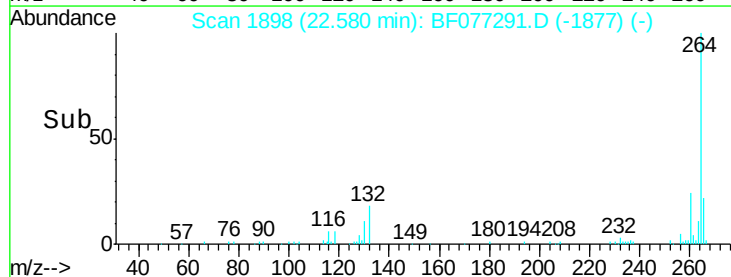
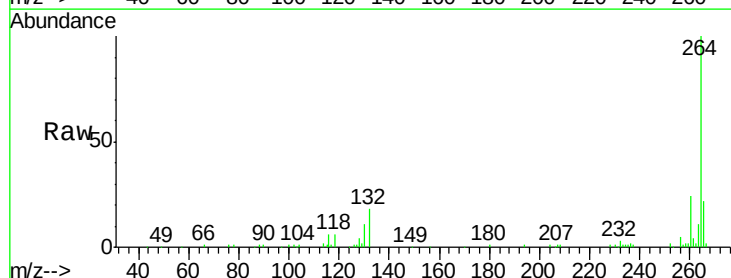
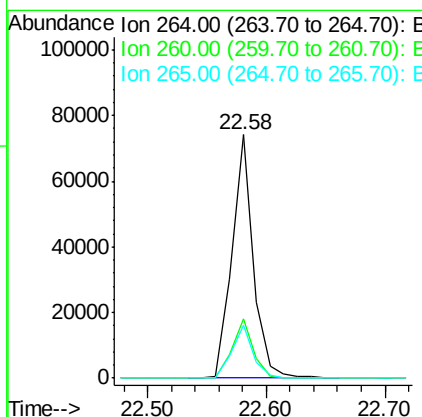
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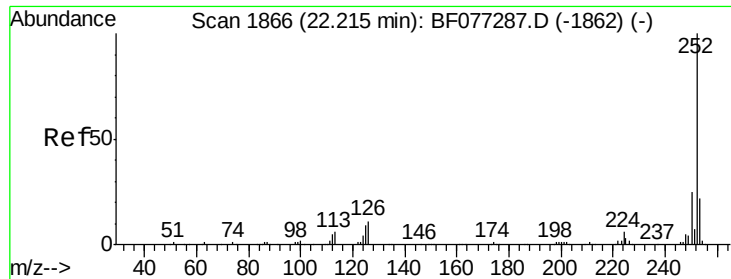
mohammad
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#86
Perylene-d12
Concen: 20.00 ng
RT: 22.58 min Scan# 1898
Delta R.T. -0.06 min
Lab File: BF077291.D
Acq: 12 Feb 2015 18:50

Tgt Ion	Ratio	Resp Lower	Upper
264	100		
260	24.5	18.6	27.8
265	21.7	16.2	24.2





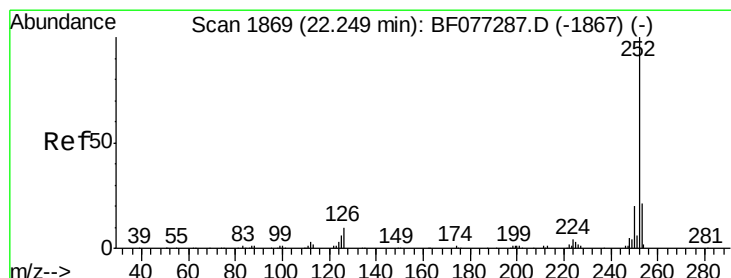
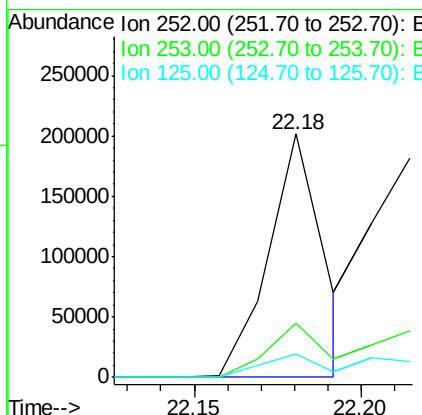
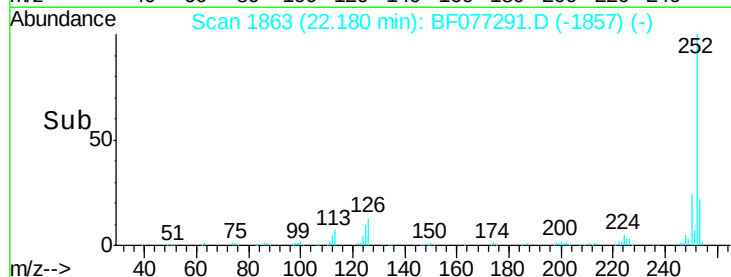
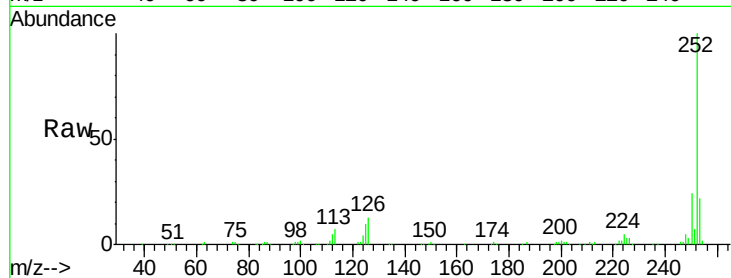
#87
Benzo(b)fluoranthene
Concen: 35.35 ng m
RT: 22.18 min Scan# 1863
Delta R.T. -0.03 min
Lab File: BF077291.D
Acq: 12 Feb 2015 18:50

Instrument :
BNA_F
ClientSampleId :
ICVBF021215

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.4	26.2
125	9.5	7.1	10.7

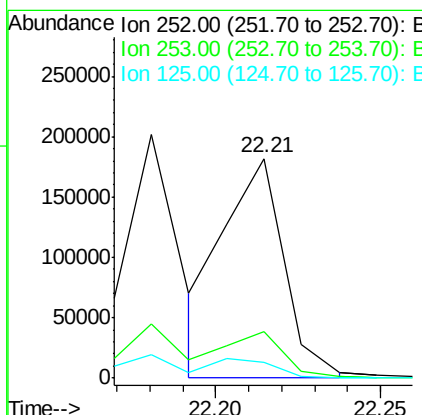
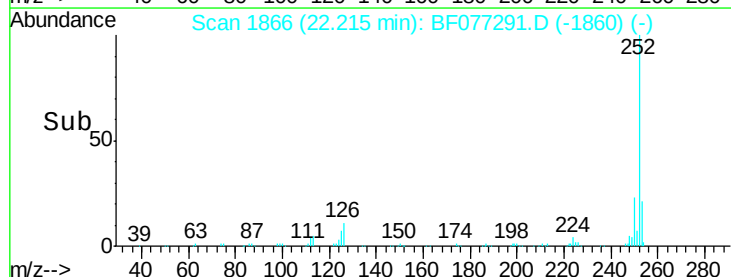
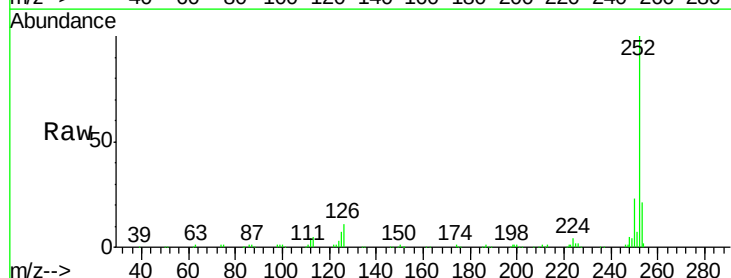
Manual Integrations
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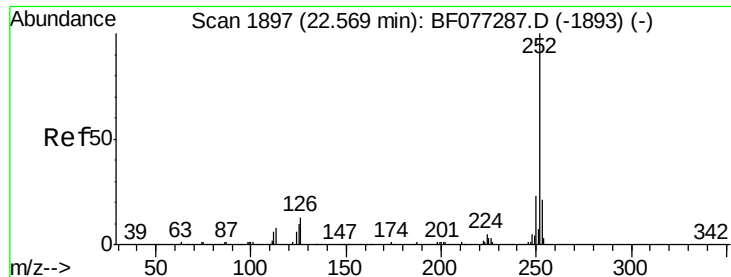
mohammad
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#88
Benzo(k)fluoranthene
Concen: 47.56 ng m
RT: 22.21 min Scan# 1866
Delta R.T. -0.03 min
Lab File: BF077291.D
Acq: 12 Feb 2015 18:50

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.4	16.6	24.8
125	7.2	5.8	8.8





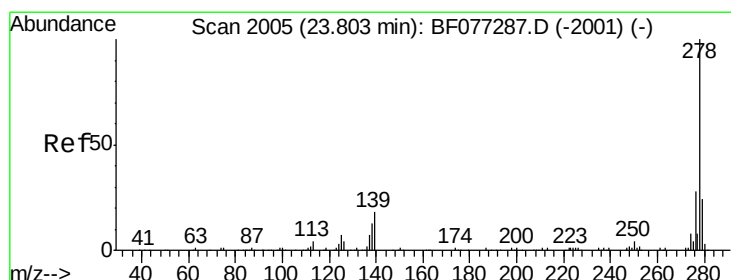
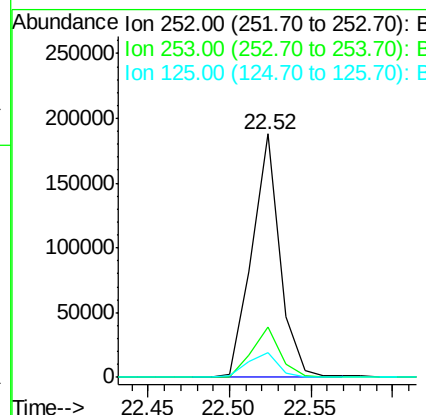
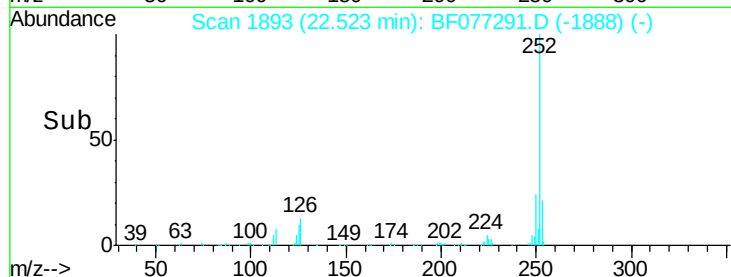
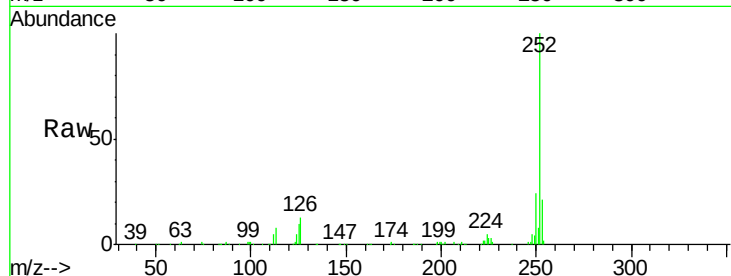
#89
Benzo(a)pyrene
Concen: 41.24 ng
RT: 22.52 min Scan# 1893
Delta R.T. -0.05 min
Lab File: BF077291.D
Acq: 12 Feb 2015 18:50

Instrument :
BNA_F
ClientSampleId :
ICVBF021215

Tot Ion:	252	Resp:	224059
Ion Ratio	Lower	Upper	
252	100		
253	20.9	17.2	25.8
125	10.2	8.2	12.4

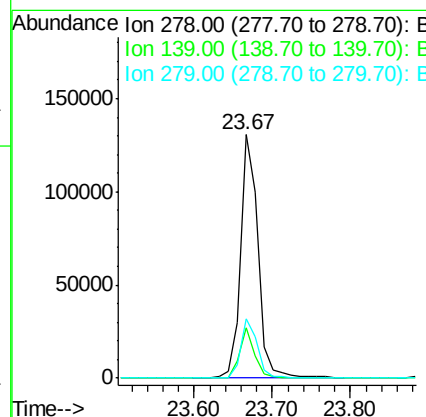
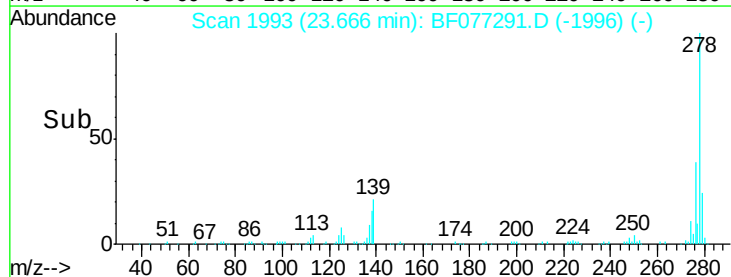
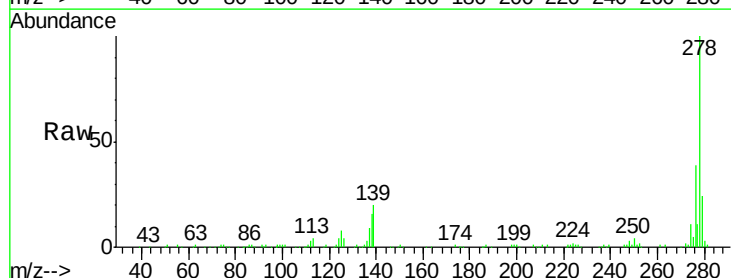
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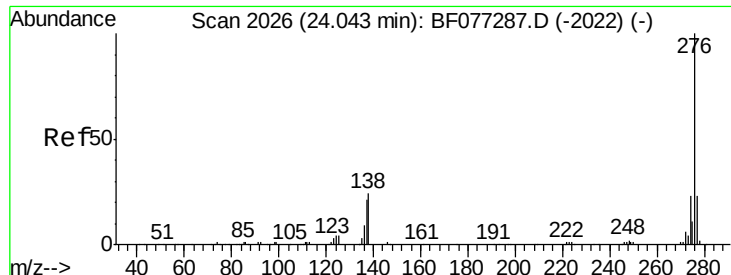
mohammad
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#90
Dibenzo(a,h)anthracene
Concen: 41.85 ng m
RT: 23.67 min Scan# 1993
Delta R.T. -0.14 min
Lab File: BF077291.D
Acq: 12 Feb 2015 18:50

Tgt Ion:	278	Resp:	201952
Ion Ratio	Lower	Upper	
278	100		
139	20.5	14.2	21.2
279	24.3	18.9	28.3





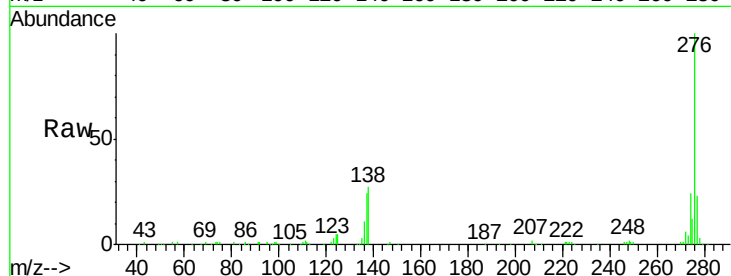
#91
 Benzo(a,h,i)perylene
 Concen: 41.43 ng m
 RT: 23.89 min Scan# 2013
 Delta R.T. -0.15 min
 Lab File: BF077291.D
 Acq: 12 Feb 2015 18:50

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF021215

Tot Ion:	276	Resp:	197775
Ion Ratio	Lower	Upper	
276	100		
277	22.6	18.7	28.1
138	26.8	19.1	28.7

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

