

Data Path : Z:\HPCHEM1\BNA F\DATA\BF021215\
 Data File : BF077293.D
 Acq On : 12 Feb 2015 20:34
 Operator : TP/IZ
 Sample : PB81726BS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB81726BS

Manual Integrations
 APPROVED

mohammad
 2/13/2015 5:40:19 PM

Quant Time: Feb 13 04:47:33 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	24657	20.00	ng	0.00
21) Naphthalene-d8	10.41	136	104902	20.00	ng	0.00
38) Acenaphthene-d10	14.52	164	52025	20.00	ng	0.00
63) Phenanthrene-d10	17.44	188	98606	20.00	ng	0.00
75) Chrysene-d12	20.96	240	93093	20.00	ng	0.00
86) Perylene-d12	22.61	264	83293	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	4.50	112	197231	124.63	ng	0.01
7) Phenol-d6	6.93	99	249944	128.08	ng	0.00
23) Nitrobenzene-d5	8.81	82	160974	87.65	ng	-0.01
41) 2,4,6-Tribromophenol	16.31	330	62597	147.55	ng	0.00
44) 2-Fluorobiphenyl	13.07	172	335042	96.93	ng	0.00
78) Terphenyl-d14	19.70	244	364204	87.88	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	1.02	88	19075	32.06	ng	87
3) Pyridine	1.44	79	59084	37.48	ng	99
4) n-Nitrosodimethylamine	1.40	42	32432	38.75	ng	96
6) Aniline	6.80	93	46040	17.83	ng	97
8) 2-Chlorophenol	7.04	128	71442	39.93	ng	99
9) Benzaldehyde	6.54	77	2733	2.27	ng	# 82
10) Phenol	6.96	94	76943	38.36	ng	92
11) bis(2-Chloroethyl)ether	7.05	93	63319	39.61	ng	93
12) 1,3-Dichlorobenzene	7.33	146	75671	38.26	ng	98
13) 1,4-Dichlorobenzene	7.54	146	76509	37.51	ng	95
14) 1,2-Dichlorobenzene	7.85	146	73509	38.04	ng	99
15) Benzyl Alcohol	7.96	79	64725	41.87	ng	93
16) 2,2'-oxybis(1-Chloropropan	8.30	45	87853	39.22	ng	100
17) 2-Methylphenol	8.33	107	55921	40.41	ng	97
18) Hexachloroethane	8.59	117	29061	39.23	ng	96
19) n-Nitroso-di-n-propylamine	8.59	70	54281	39.56	ng	99
20) 3+4-Methylphenols	8.72	107	71138m	39.89	ng	
22) Acetophenone	8.51	105	106498	42.27	ng	99
24) Nitrobenzene	8.85	77	74416	40.87	ng	96
25) Isophorone	9.46	82	140652	42.49	ng	96
26) 2-Nitrophenol	9.60	139	35150	39.12	ng	97
27) 2,4-Dimethylphenol	9.89	122	64574	43.40	ng	96
28) bis(2-Chloroethoxy)methane	10.10	93	85626	42.49	ng	97
29) 2,4-Dichlorophenol	10.21	162	57052m	41.97	ng	
30) 1,2,4-Trichlorobenzene	10.33	180	63518	41.33	ng	96
31) Naphthalene	10.45	128	212357	41.01	ng	99
32) Benzoic acid	10.32	122	8691	38.51	ng	97
33) 4-Chloroaniline	10.73	127	43207m	20.69	ng	
34) Hexachlorobutadiene	10.83	225	35010	40.09	ng	92
35) Caprolactam	11.57	113	17345m	42.01	ng	
36) 4-Chloro-3-methylphenol	12.04	107	64069	42.13	ng	99
37) 2-Methylnaphthalene	12.11	142	155741	40.12	ng	99
39) 1,2,4,5-Tetrachlorobenzene	12.51	216	59274	45.27	ng	# 100
40) Hexachlorocyclopentadiene	12.50	237	58223	89.28	ng	98

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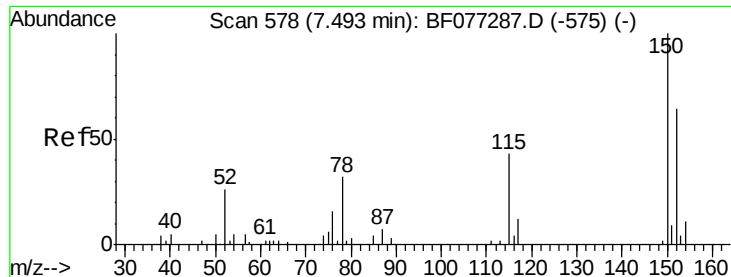
Manual Integrations
 APPROVED

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 2/13/2015 5:40:19 PM

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 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF021215.M
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	12.89	196	40250	46.72	ng	97
43) 2,4,5-Trichlorophenol	12.98	196	36763m	43.54	ng	
45) 1,1'-Biphenyl	13.27	154	182600	45.55	ng	97
46) 2-Chloronaphthalene	13.23	162	148456	46.37	ng	97
47) 2-Nitroaniline	13.60	65	47524	50.80	ng	96
48) Acenaphthylene	14.18	152	235900	46.70	ng	100
49) Dimethylphthalate	14.16	163	183206	48.69	ng	98
50) 2,6-Dinitrotoluene	14.25	165	36823	50.62	ng	86
51) Acenaphthene	14.60	154	131872	45.08	ng	96
52) 3-Nitroaniline	14.60	138	20971	23.57	ng	86
53) 2,4-Dinitrophenol	14.89	184	23764	87.40	ng	# 71
54) Dibenzofuran	15.03	168	210380	46.51	ng	100
55) 4-Nitrophenol	15.23	139	40713	94.01	ng	99
56) 2,4-Dinitrotoluene	15.19	165	51522	49.52	ng	97
57) Fluorene	15.80	166	173812	46.93	ng	99
58) 2,3,4,6-Tetrachlorophenol	15.40	232	27800	48.82	ng	# 100
59) Diethylphthalate	15.83	149	187466	47.85	ng	98
60) 4-Chlorophenyl-phenylether	15.92	204	75414	48.97	ng	99
61) 4-Nitroaniline	15.99	138	35923	43.28	ng	94
62) Azobenzene	16.21	77	169489m	45.35	ng	
64) 4,6-Dinitro-2-methylphenol	16.07	198	22386	40.41	ng	96
65) n-Nitrosodiphenylamine	16.18	169	147695	41.99	ng	99
66) 4-Bromophenyl-phenylether	16.80	248	43548	42.26	ng	98
67) Hexachlorobenzene	16.81	284	44365	42.28	ng	91
68) Atrazine	17.20	200	47293	42.45	ng	95
69) Pentachlorophenol	17.20	266	26946	82.21	ng	91
70) Phenanthrene	17.47	178	249417	41.94	ng	99
71) Anthracene	17.55	178	254416	42.64	ng	98
72) Carbazole	17.85	167	237361	41.65	ng	99
73) Di-n-butylphthalate	18.45	149	322873	44.51	ng	100
74) Fluoranthene	19.13	202	257855	42.09	ng	99
76) Benzidine	19.38	184	114853	30.44	ng	98
77) Pyrene	19.41	202	267477	43.08	ng	99
79) Butylbenzylphthalate	20.36	149	141570	45.03	ng	96
80) Benzo(a)anthracene	20.95	228	258944	45.19	ng	99
81) 3,3'-Dichlorobenzidine	20.96	252	41425	20.62	ng	98
82) Chrysene	20.98	228	210589	40.56	ng	99
83) Bis(2-ethylhexyl)phthalate	21.11	149	211712	45.26	ng	99
84) Di-n-octyl phthalate	21.87	149	370824	46.10	ng	99
85) Indeno(1,2,3-cd)pyrene	23.76	276	238282	47.20	ng	# 100
87) Benzo(b)fluoranthene	22.20	252	235086	39.63	ng	98
88) Benzo(k)fluoranthene	22.23	252	209091m	46.67	ng	
89) Benzo(a)pyrene	22.56	252	213669	43.26	ng	100
90) Dibenzo(a,h)anthracene	23.78	278	192769	43.95	ng	96
91) Benzo(g,h,i)perylene	24.02	276	192216	44.29	ng	# 91

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



#1

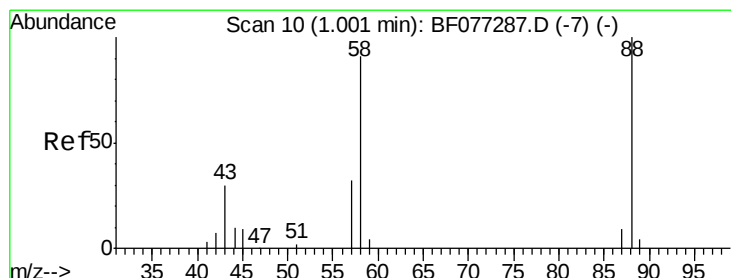
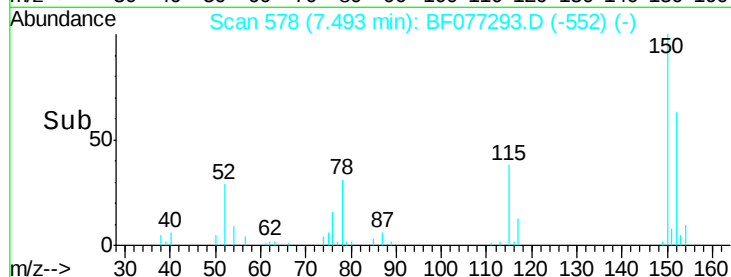
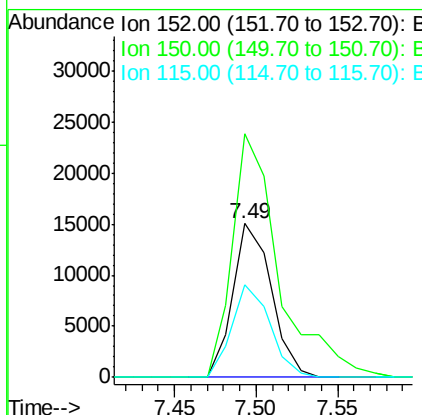
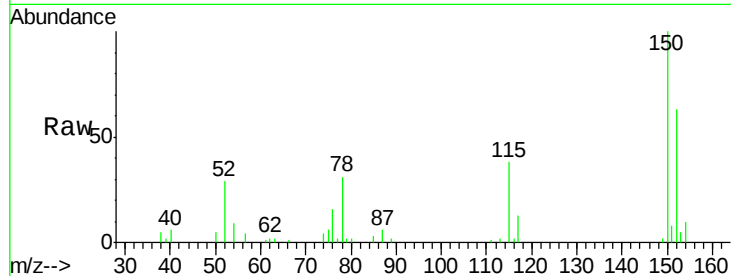
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.49 min Scan# 578
Delta R.T. 0.00 min
Lab File: BF077293.D
Acq: 12 Feb 2015 20:34

Instrument :
BNA_F
ClientSampleId :
PB81726BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.4	124.9	187.3
115	60.0	54.1	81.1

Manual Integrations
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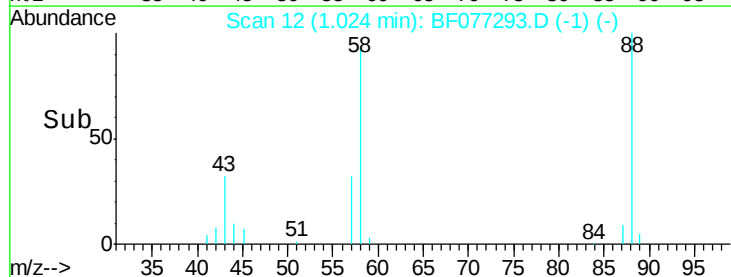
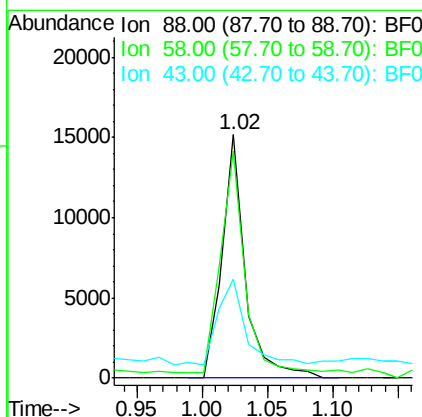
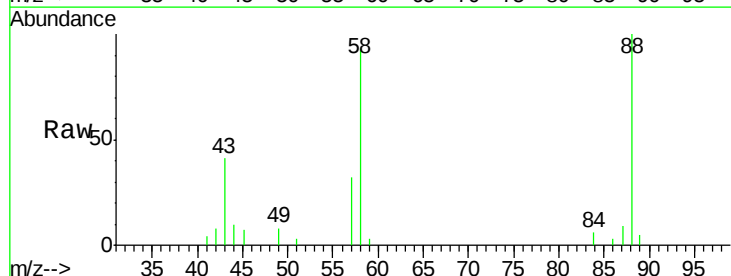
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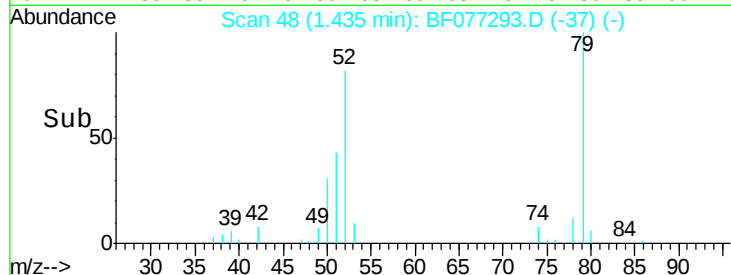
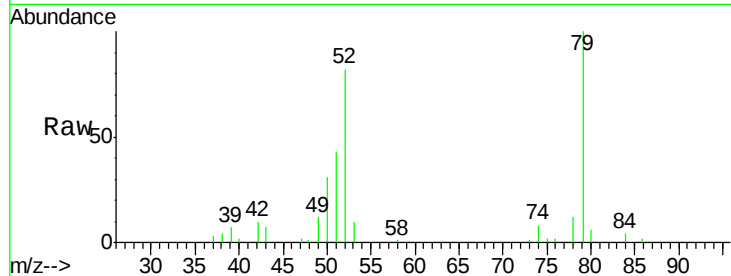
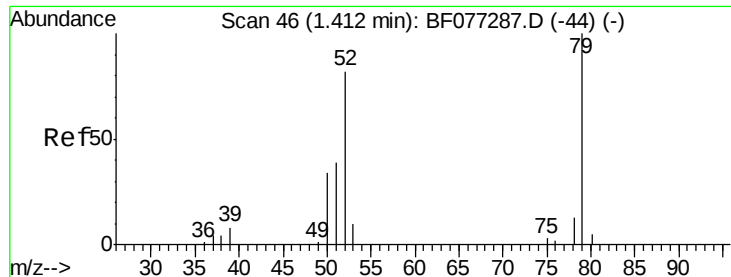


#2

1,4-Dioxane
Concen: 32.06 ng
RT: 1.02 min Scan# 12
Delta R.T. 0.02 min
Lab File: BF077293.D
Acq: 12 Feb 2015 20:34

Tgt Ion	Ratio	Lower	Upper
88	100		
58	110.1	77.0	115.6
43	41.1	28.1	42.1





#3

Pvridine

Concen: 37.48 ng

RT: 1.44 min Scan# 48

Delta R.T. 0.02 min

Lab File: BF077293.D

Acq: 12 Feb 2015 20:34

Tot Ion:	79	Resp:	59084
Ion Ratio	Lower	Upper	
79	100		
52	82.5	65.3	97.9
51	42.6	35.4	53.0

Instrument :

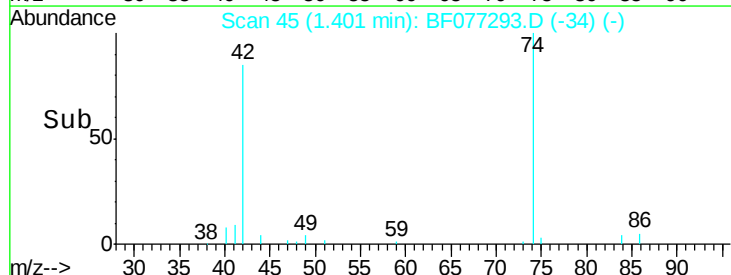
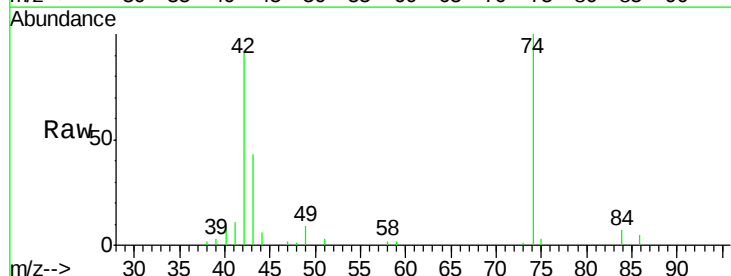
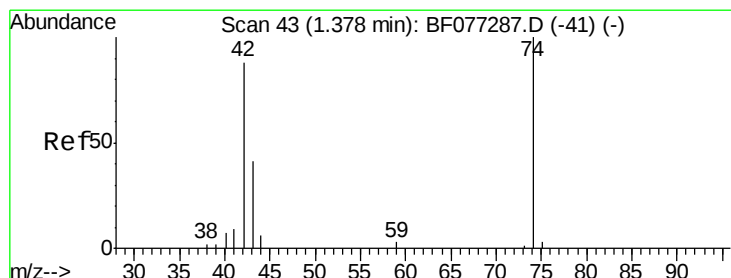
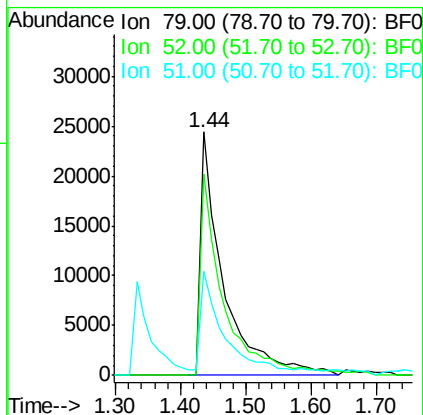
BNA_F

ClientSampleId :

PB81726BS

Manual Integrations
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#4

n-Nitrosodimethylamine

Concen: 38.75 ng

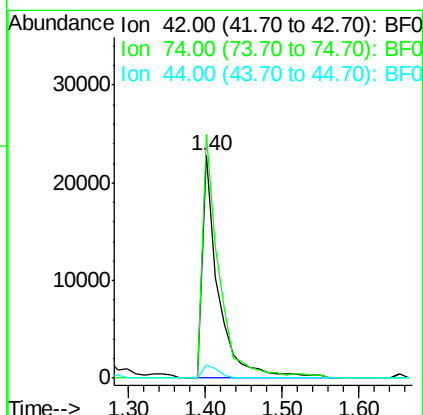
RT: 1.40 min Scan# 45

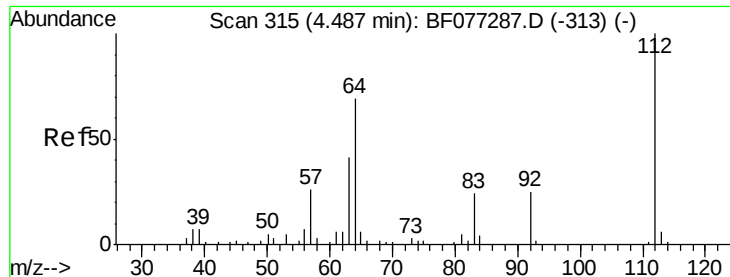
Delta R.T. 0.02 min

Lab File: BF077293.D

Acq: 12 Feb 2015 20:34

Tgt Ion:	42	Resp:	32432
Ion Ratio	Lower	Upper	
42	100		
74	109.2	90.8	136.2
44	6.1	5.8	8.6





#5

2-Fluorophenol

Concen: 124.63 ng

RT: 4.50 min Scan# 316

Delta R.T. 0.01 min

Lab File: BF077293.D

Acq: 12 Feb 2015 20:34

Instrument :

BNA_F

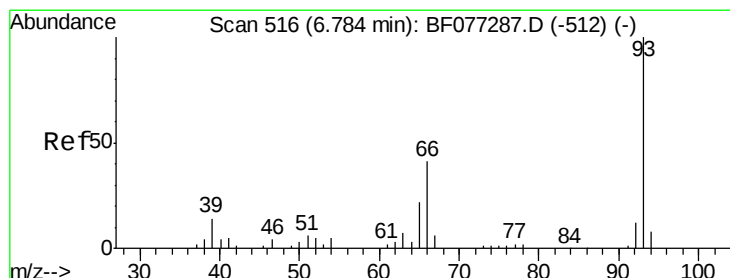
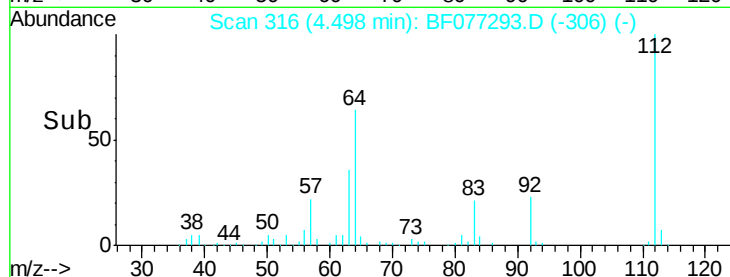
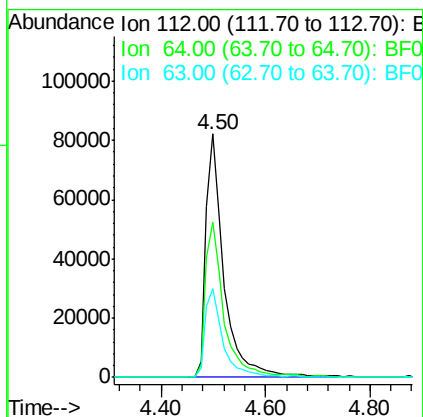
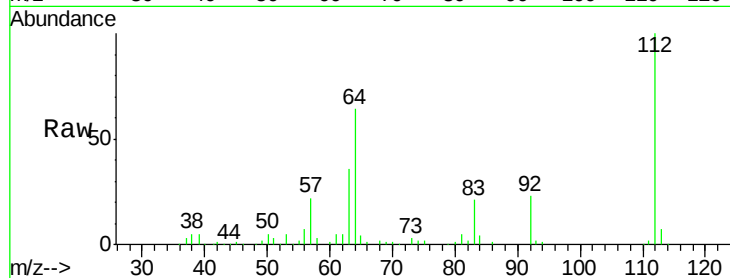
ClientSampleId :

PB81726BS

Tot Ion:	112	Resp:	197231
Ion Ratio	Lower	Upper	
112	100		
64	63.7	55.0	82.4
63	36.4	33.0	49.6

Manual Integrations
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#6

Aniline

Concen: 17.83 ng

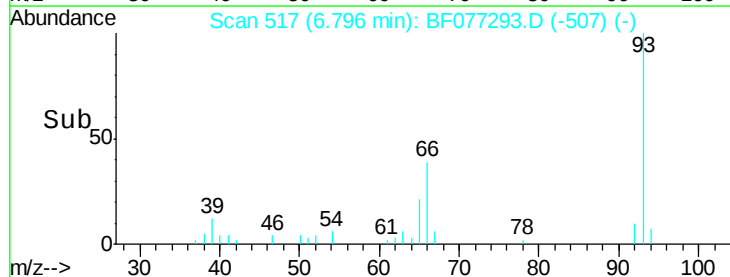
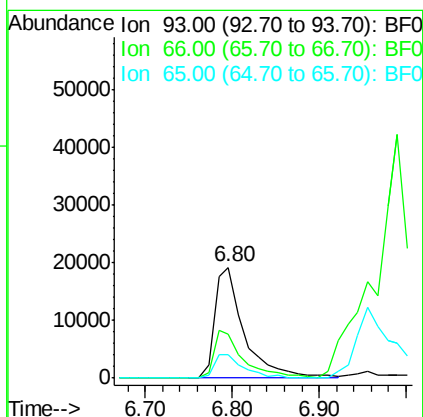
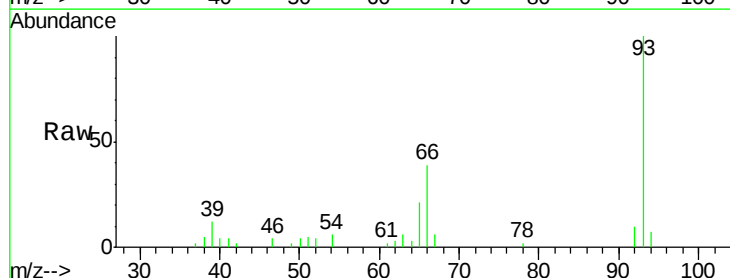
RT: 6.80 min Scan# 517

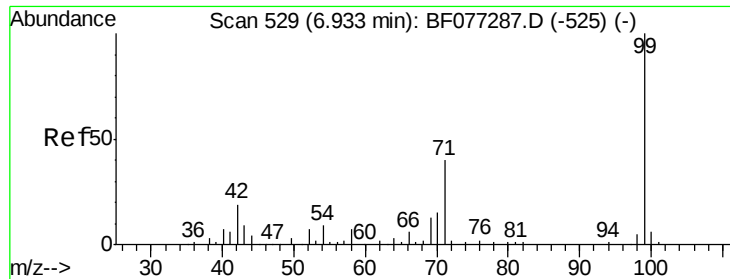
Delta R.T. 0.01 min

Lab File: BF077293.D

Acq: 12 Feb 2015 20:34

Tgt Ion:	93	Resp:	46040
Ion Ratio	Lower	Upper	
93	100		
66	39.1	33.1	49.7
65	21.3	17.2	25.8





#7

Phenol-d6

Concen: 128.08 ng

RT: 6.93 min Scan# 529

Delta R.T. 0.00 min

Lab File: BF077293.D

Acq: 12 Feb 2015 20:34

Instrument :

BNA_F

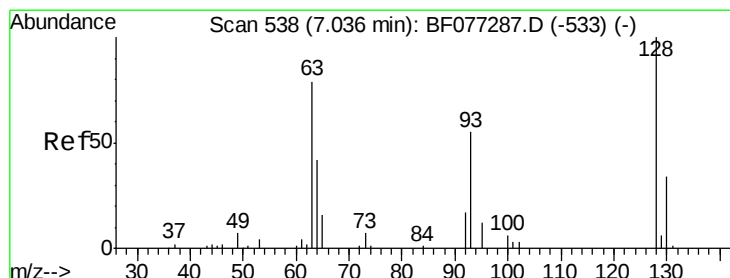
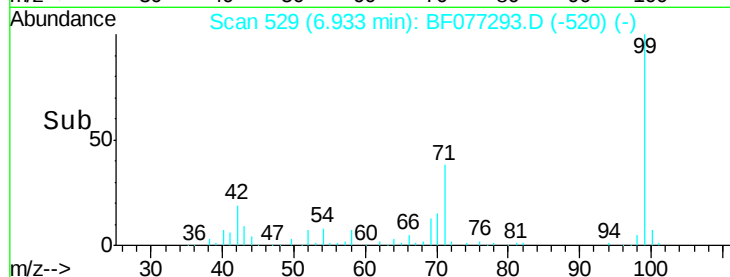
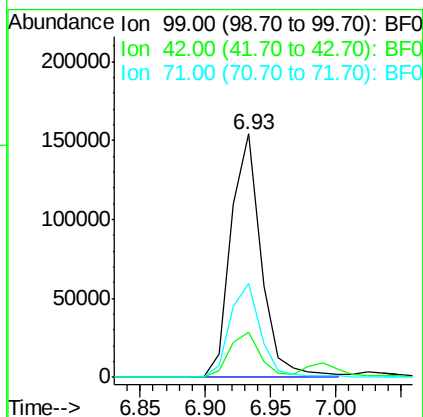
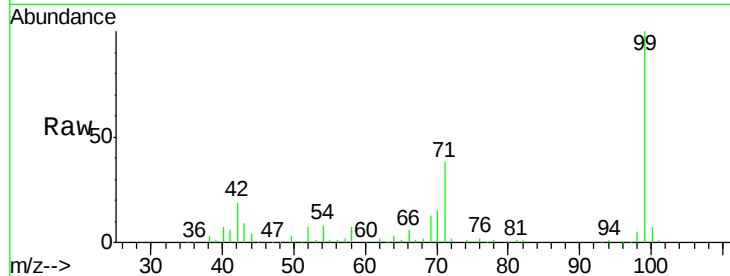
ClientSampleId :

PB81726BS

Tot Ion:	99	Resp:	249944
Ion	Ratio	Lower	Upper
99	100		
42	18.8	15.0	22.4
71	38.4	31.8	47.6

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#8

2-Chlorophenol

Concen: 39.93 ng

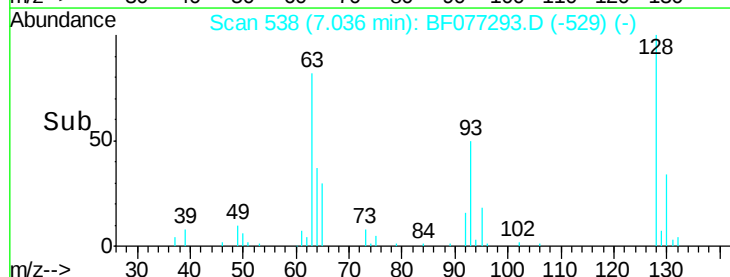
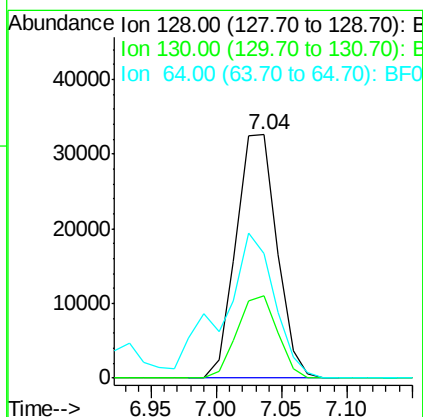
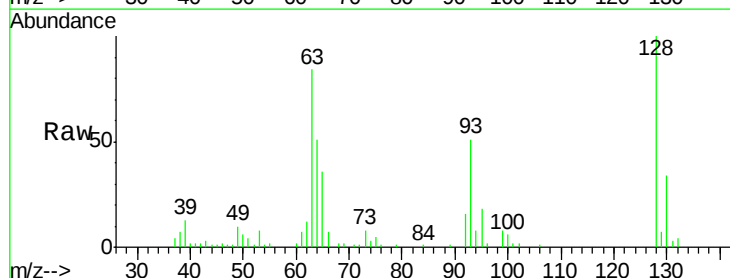
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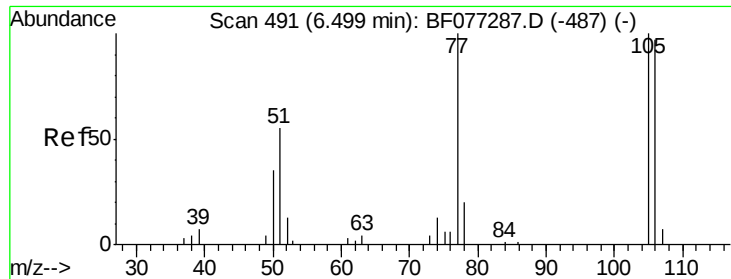
Delta R.T. 0.00 min

Lab File: BF077293.D

Acq: 12 Feb 2015 20:34

Tgt Ion:	128	Resp:	71442
Ion	Ratio	Lower	Upper
128	100		
130	33.6	14.4	54.4
64	51.0	30.4	70.4





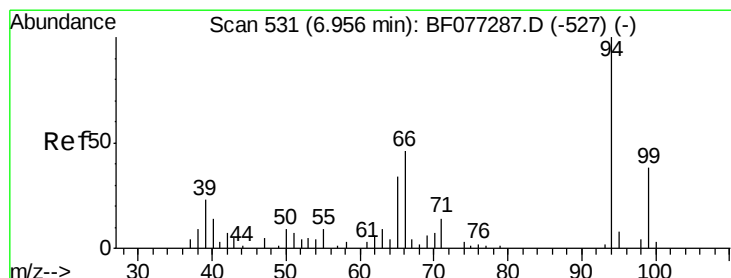
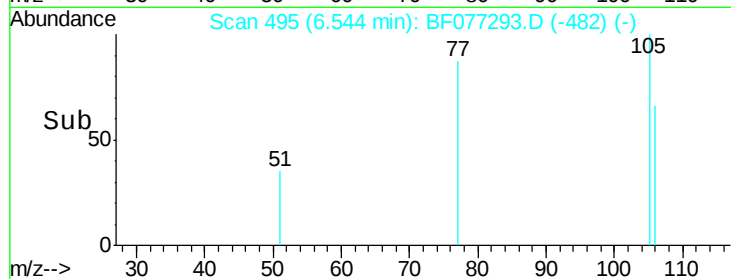
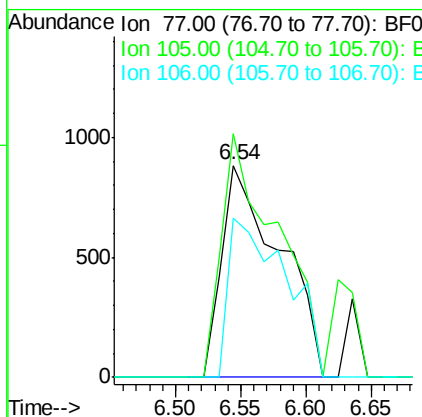
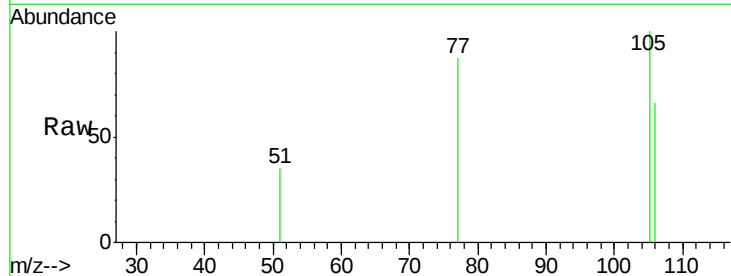
#9
Benzaldehyde
Concen: 2.27 ng
RT: 6.54 min Scan# 495
Delta R.T. 0.05 min
Lab File: BF077293.D
Acq: 12 Feb 2015 20:34

Instrument :
BNA_F
ClientSampleId :
PB81726BS

Tot Ion: 77 Resp: 2733
Ion Ratio Lower Upper
77 100
105 114.7 80.4 120.4
106 75.2 77.5 117.5#

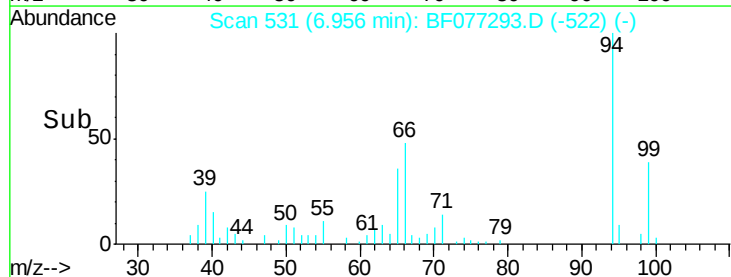
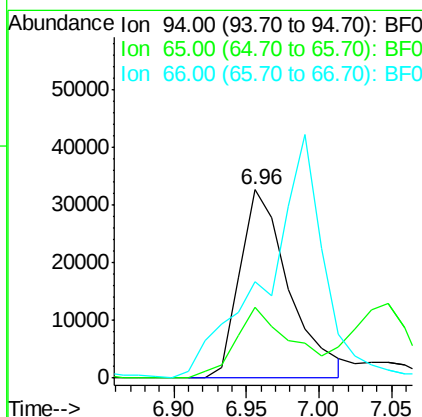
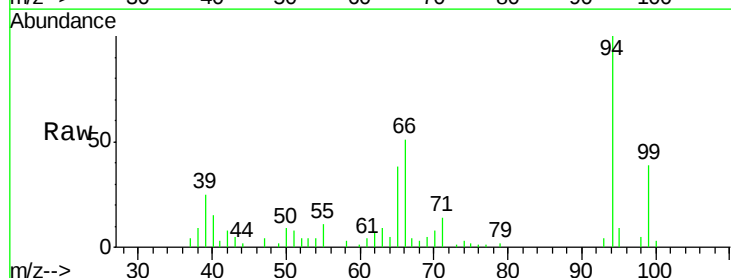
Manual Integrations
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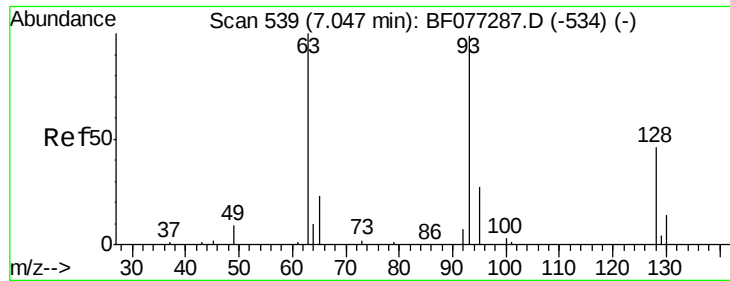
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#10
Phenol
Concen: 38.36 ng
RT: 6.96 min Scan# 531
Delta R.T. 0.00 min
Lab File: BF077293.D
Acq: 12 Feb 2015 20:34

Tgt Ion: 94 Resp: 76943
Ion Ratio Lower Upper
94 100
65 37.5 14.2 54.2
66 51.5 25.7 65.7





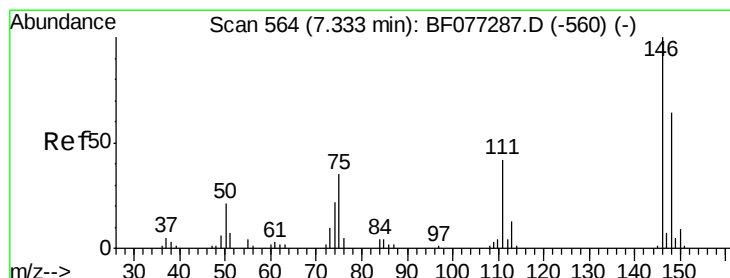
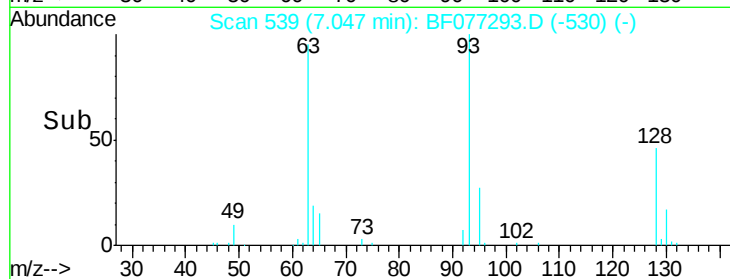
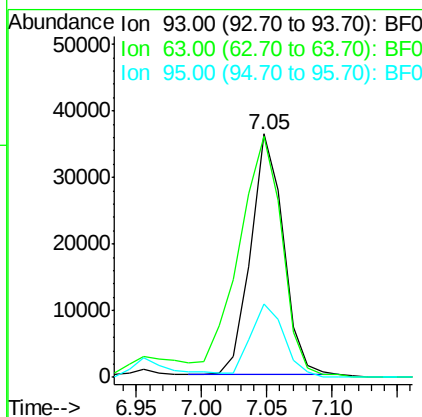
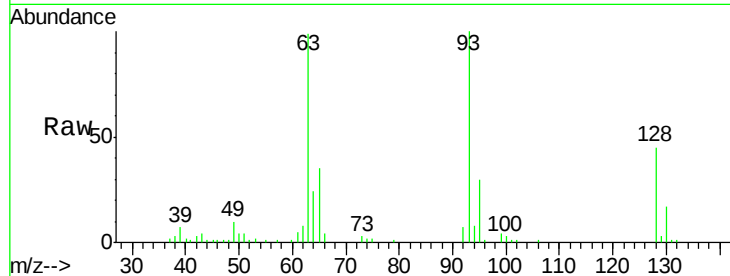
#11
bis(2-Chloroethyl)ether
Concen: 39.61 ng
RT: 7.05 min Scan# 539
Delta R.T. 0.00 min
Lab File: BF077293.D
Acq: 12 Feb 2015 20:34

Instrument :
BNA_F
ClientSampleId :
PB81726BS

Tot Ion	Ratio	Lower	Upper
93	100		
63	98.8	86.6	126.6
95	30.1	12.0	52.0

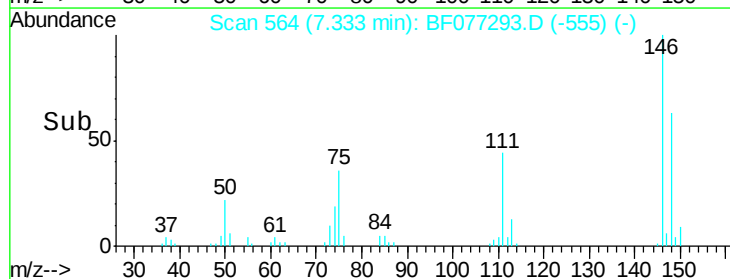
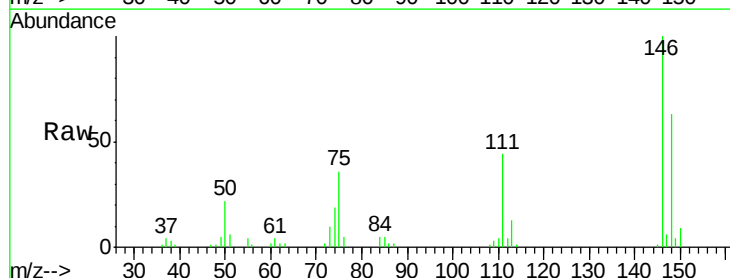
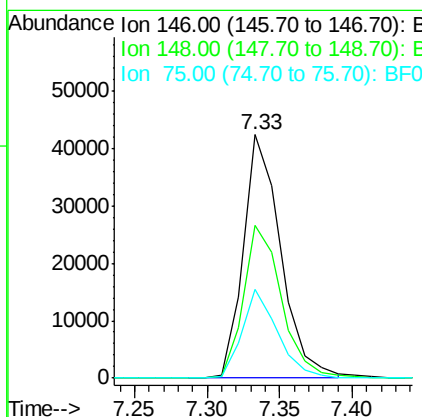
Manual Integrations
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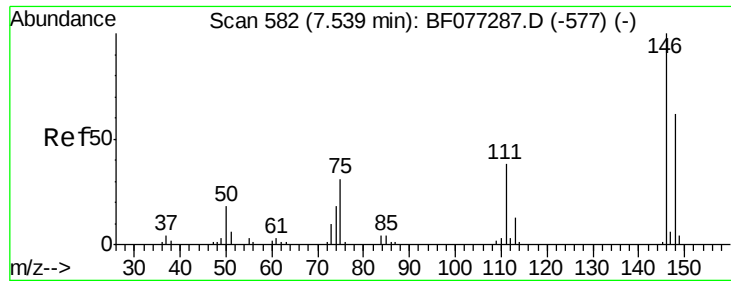
mohammad
2/13/2015 5:40:19 PM



#12
1,3-Dichlorobenzene
Concen: 38.26 ng
RT: 7.33 min Scan# 564
Delta R.T. 0.00 min
Lab File: BF077293.D
Acq: 12 Feb 2015 20:34

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.6	50.9	76.3
75	36.3	28.1	42.1





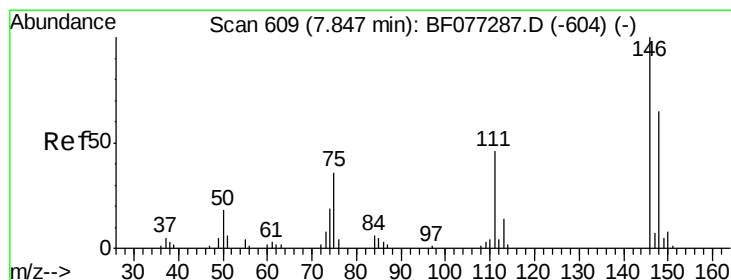
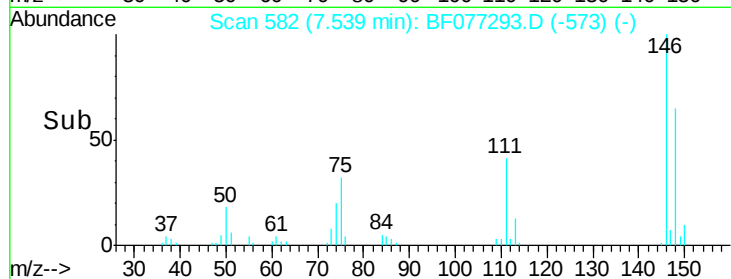
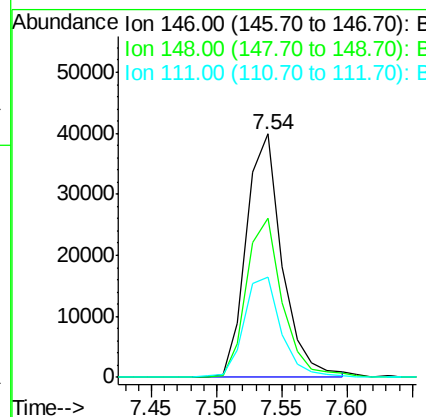
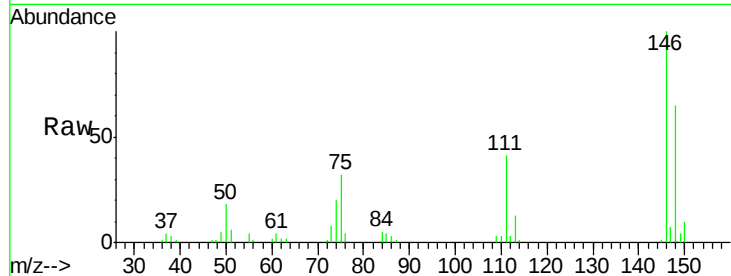
#13
 1,4-Dichlorobenzene
 Concen: 37.51 ng
 RT: 7.54 min Scan# 582
 Delta R.T. 0.00 min
 Lab File: BF077293.D
 Acq: 12 Feb 2015 20:34

Instrument :
 BNA_F
 ClientSampleID :
 PB81726BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	65.3	49.8	74.6
111	41.4	30.2	45.2

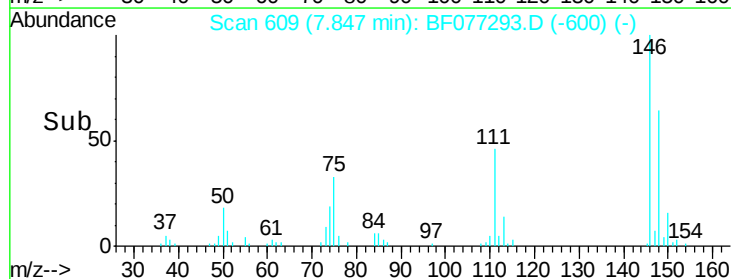
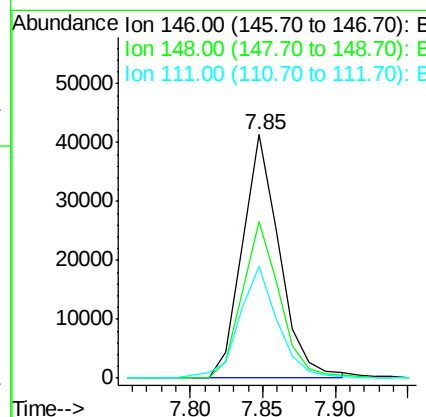
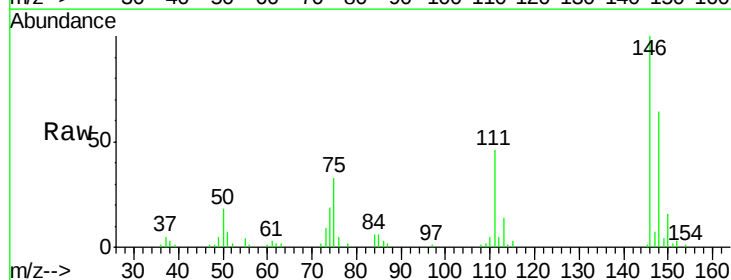
Manual Integrations
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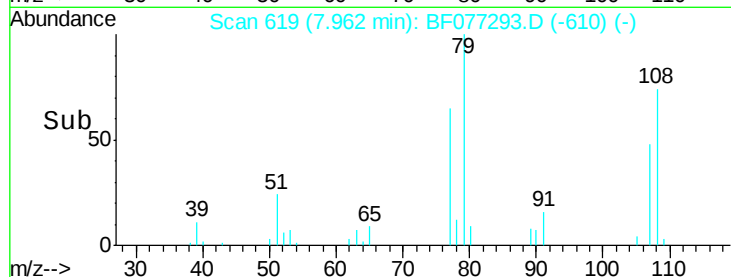
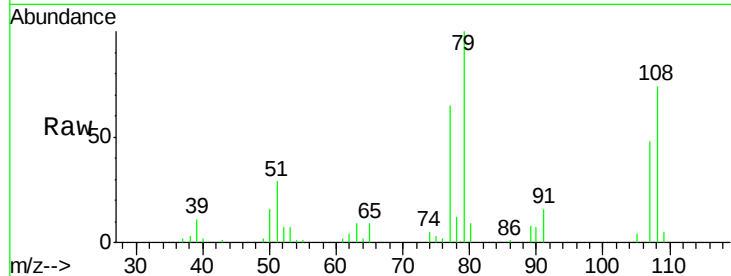
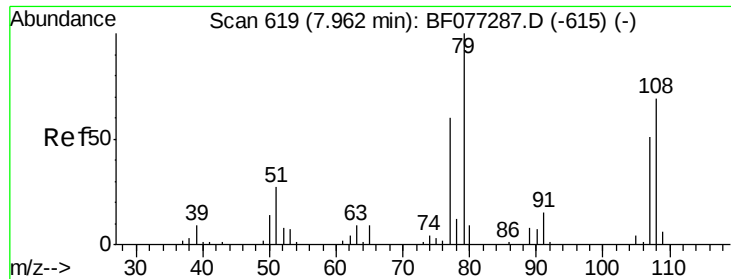
mohammad
 2/13/2015 5:40:19 PM



#14
 1,2-Dichlorobenzene
 Concen: 38.04 ng
 RT: 7.85 min Scan# 609
 Delta R.T. 0.00 min
 Lab File: BF077293.D
 Acq: 12 Feb 2015 20:34

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.3	52.0	78.0
111	45.7	37.0	55.4





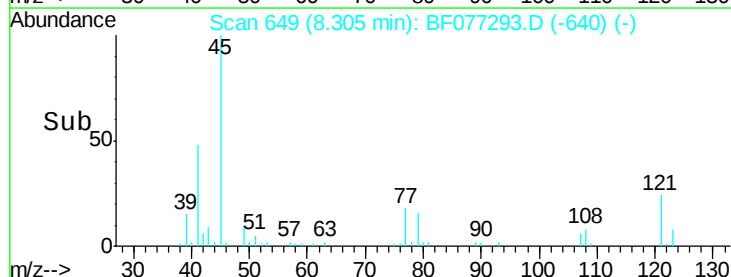
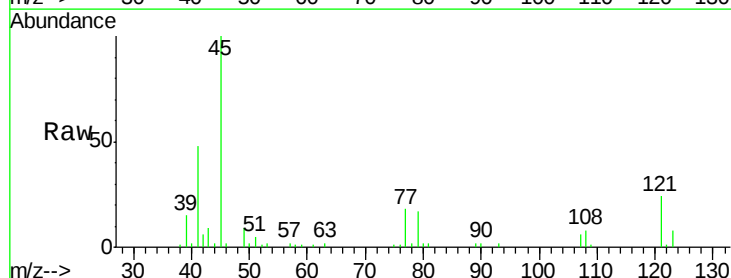
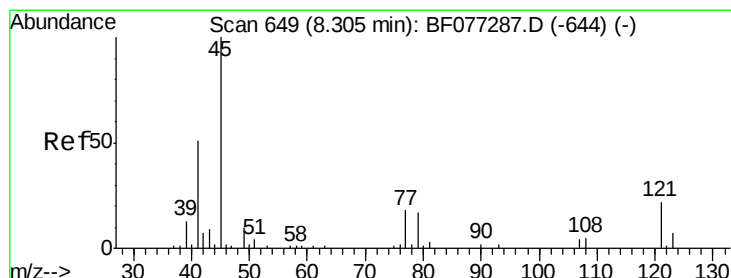
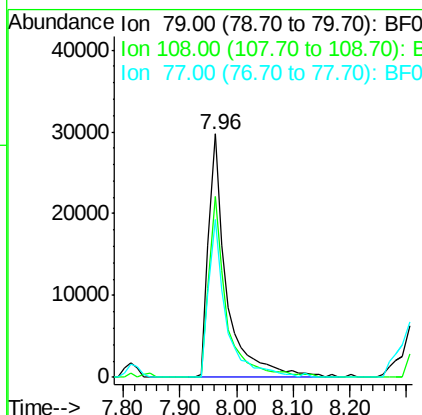
#15
Benzyl Alcohol
Concen: 41.87 ng
RT: 7.96 min Scan# 619
Delta R.T. 0.00 min
Lab File: BF077293.D
Acq: 12 Feb 2015 20:34

Tot Ion	Ratio	Lower	Upper
79	100		
108	74.4	54.8	82.2
77	64.6	48.0	72.0

Instrument :
BNA_F
ClientSampleId :
PB81726BS

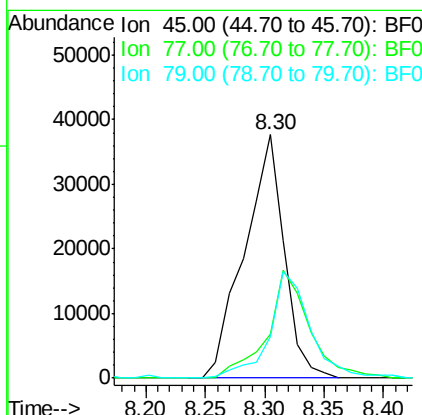
Manual Integrations
APPROVED

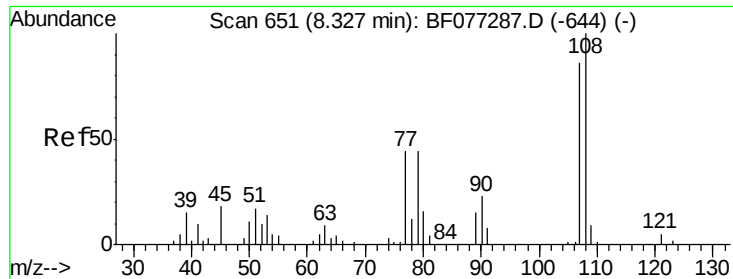
mohammad
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 39.22 ng
RT: 8.30 min Scan# 649
Delta R.T. 0.00 min
Lab File: BF077293.D
Acq: 12 Feb 2015 20:34

Tgt Ion	Ratio	Lower	Upper
45	100		
77	18.2	0.0	38.2
79	16.9	0.0	37.0





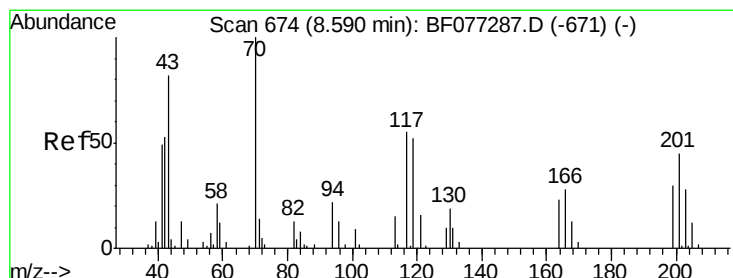
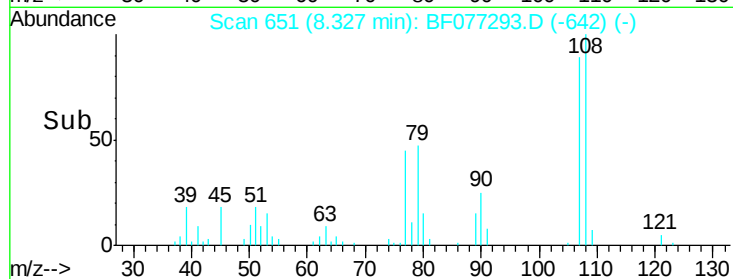
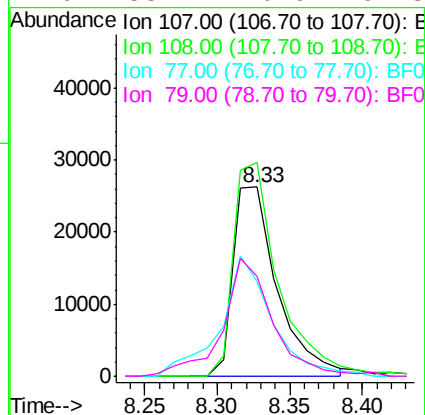
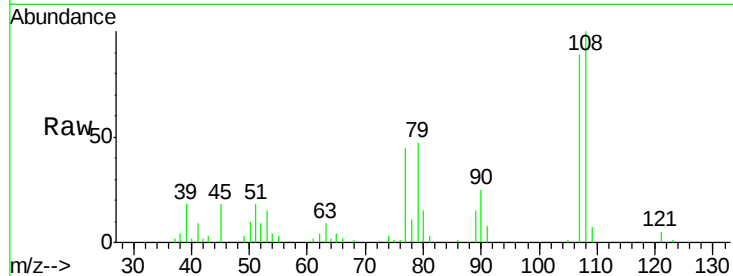
#17
2-Methylphenol
Concen: 40.41 ng
RT: 8.33 min Scan# 651
Delta R.T. 0.00 min
Lab File: BF077293.D
Acq: 12 Feb 2015 20:34

Instrument :
BNA_F
ClientSampleId :
PB81726BS

Tot Ion:	107	Resp:	55921
Ion Ratio	Lower	Upper	
107	100		
108	112.9	93.2	139.8
77	50.3	41.3	61.9
79	53.1	40.9	61.3

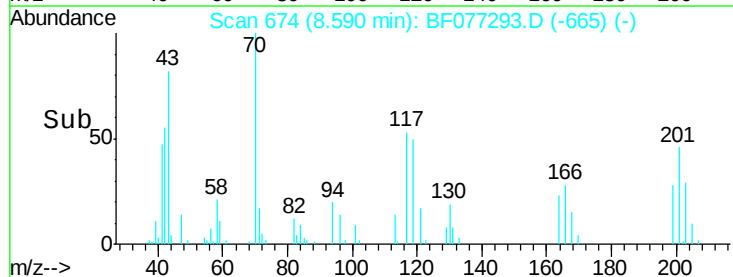
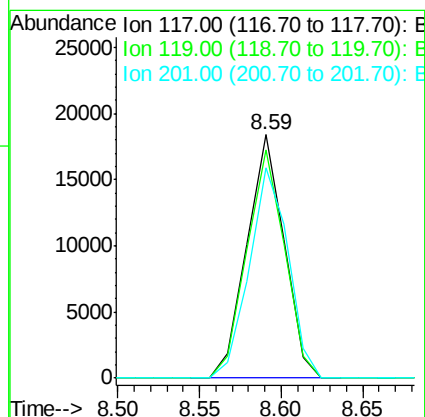
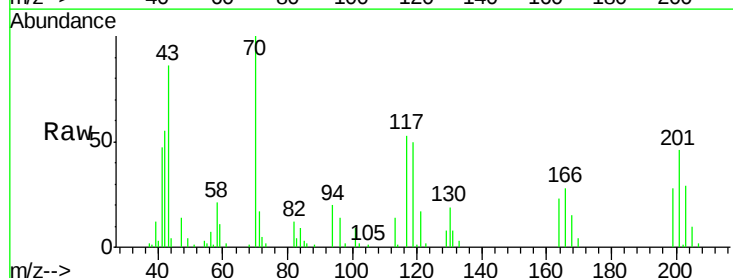
Manual Integrations
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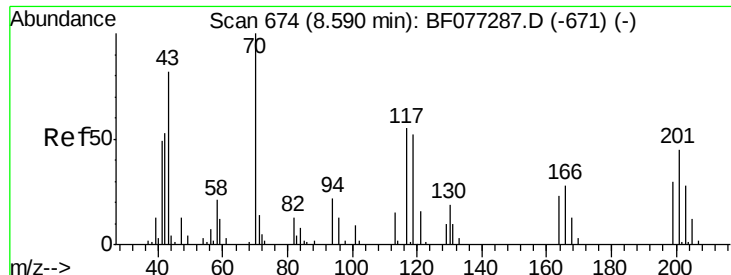
mohammad
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#18
Hexachloroethane
Concen: 39.23 ng
RT: 8.59 min Scan# 674
Delta R.T. 0.00 min
Lab File: BF077293.D
Acq: 12 Feb 2015 20:34

Tgt Ion:	117	Resp:	29061
Ion Ratio	Lower	Upper	
117	100		
119	93.6	75.5	113.3
201	86.4	64.3	96.5





#19

n-Nitroso-di-n-propylamine

Concen: 39.56 ng

RT: 8.59 min Scan# 674

Delta R.T. 0.00 min

Lab File: BF077293.D

Acq: 12 Feb 2015 20:34

Instrument :

BNA_F

ClientSampleId :

PB81726BS

Tot Ion: 70 Resp: 54281

Ion Ratio Lower Upper

70 100

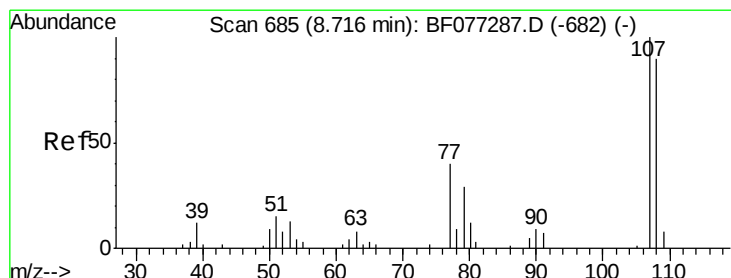
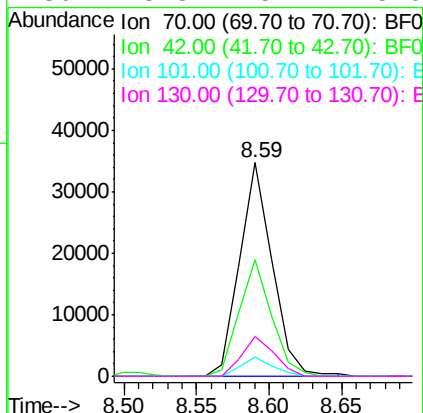
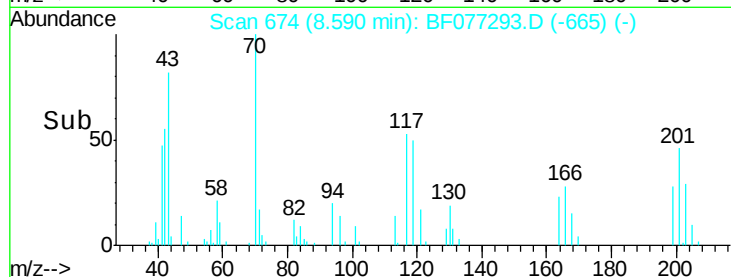
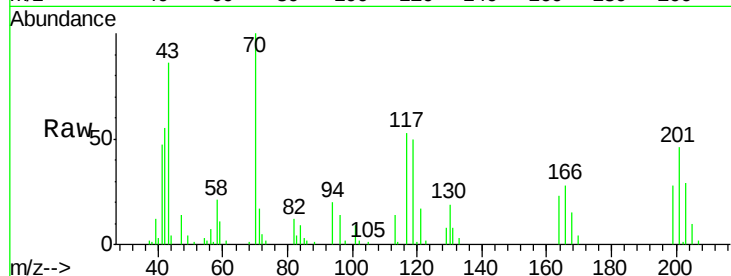
42 54.8 42.8 64.2

101 9.2 7.4 11.2

130 18.8 15.4 23.0

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#20

3+4-Methylphenols

Concen: 39.89 ng m

RT: 8.72 min Scan# 685

Delta R.T. 0.00 min

Lab File: BF077293.D

Acq: 12 Feb 2015 20:34

Tgt Ion: 107 Resp: 71138

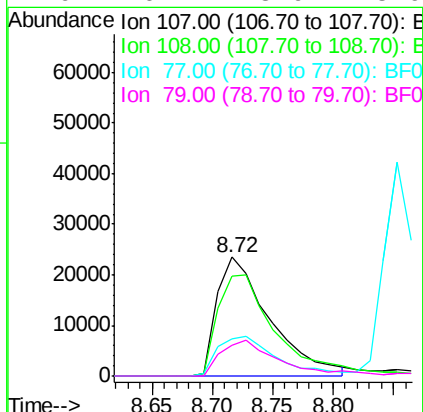
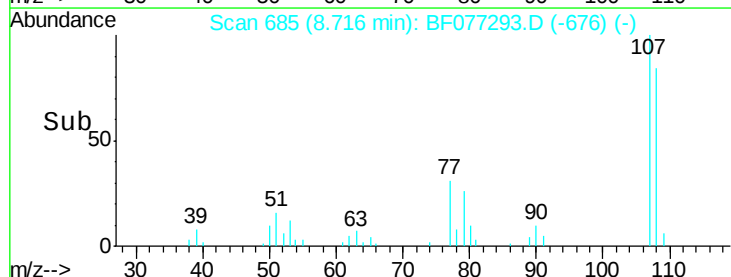
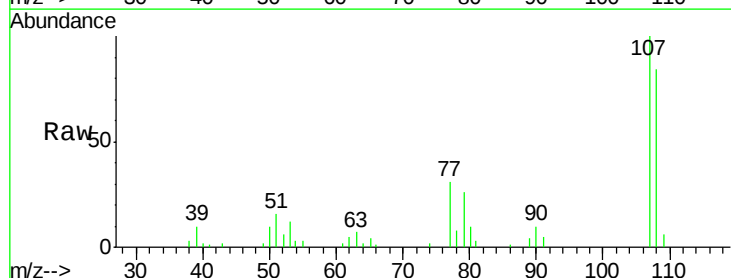
Ion Ratio Lower Upper

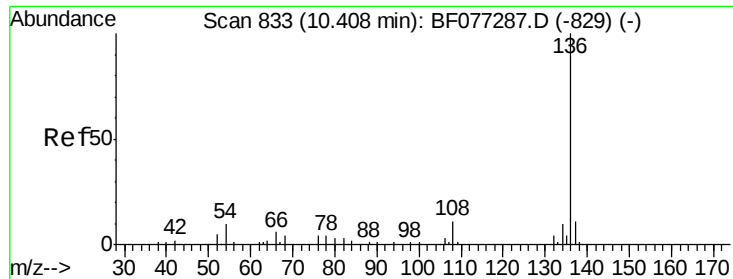
107 100

108 83.9 69.7 109.7

77 31.4 19.5 59.5

79 26.4 8.9 48.9





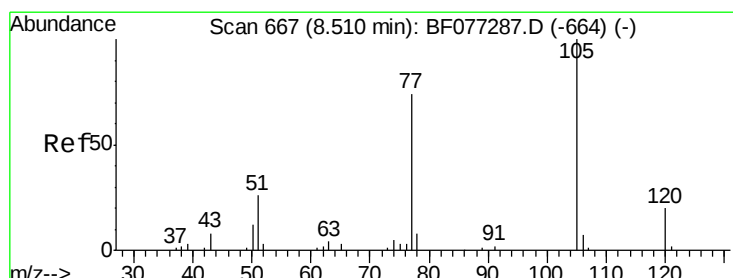
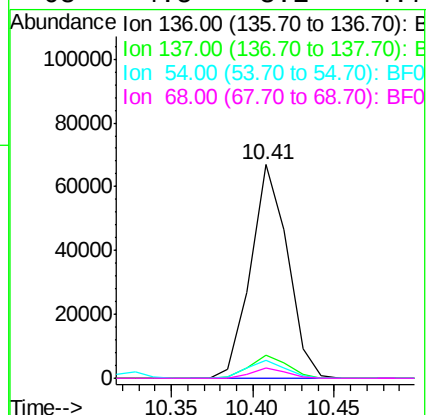
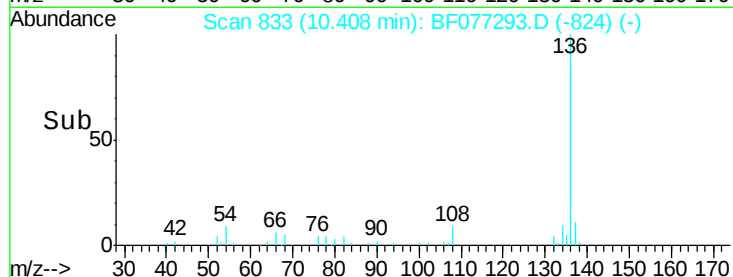
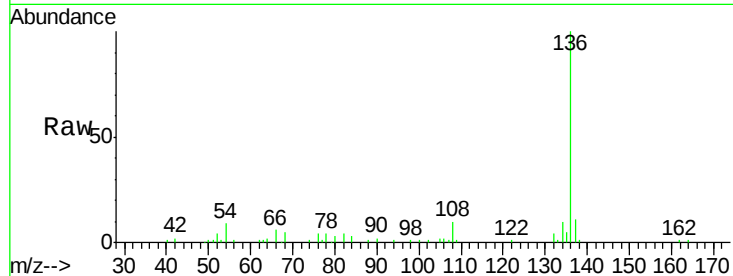
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.41 min Scan# 833
Delta R.T. 0.00 min
Lab File: BF077293.D
Acq: 12 Feb 2015 20:34

Instrument :
BNA_F
ClientSampleID :
PB81726BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100				
137	10.9	8.7	13.1		
54	8.6	8.2	12.2		
68	4.5	3.1	4.7		

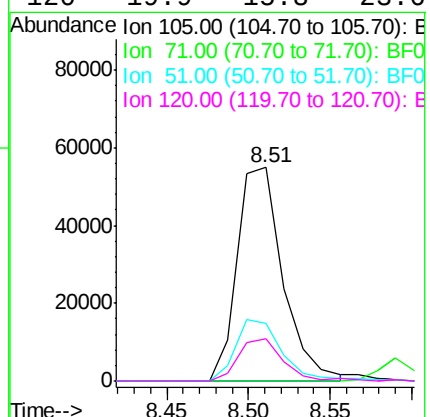
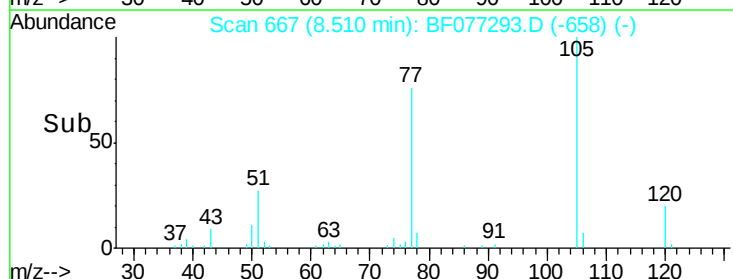
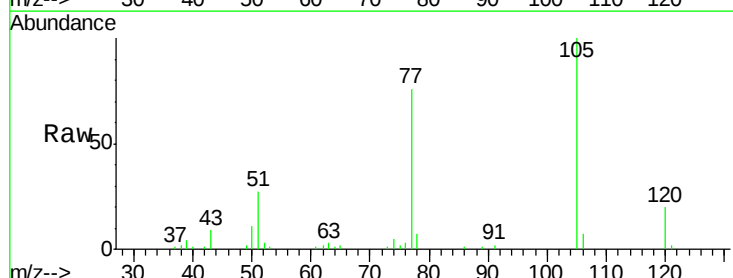
Manual Integrations
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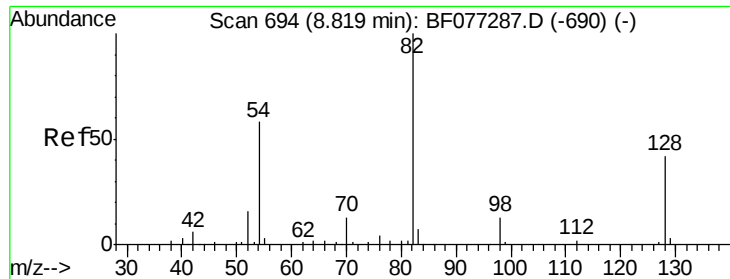
mohammad
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#22
Acetophenone
Concen: 42.27 ng
RT: 8.51 min Scan# 667
Delta R.T. 0.00 min
Lab File: BF077293.D
Acq: 12 Feb 2015 20:34

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100				
71	0.0	0.0	0.0		
51	27.1	21.0	31.6		
120	19.9	15.8	23.6		





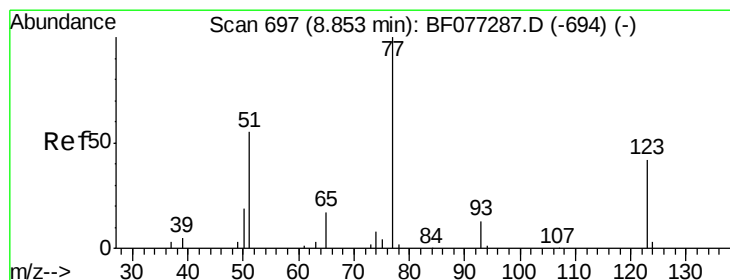
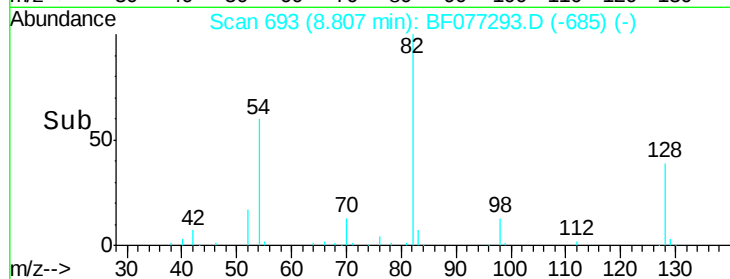
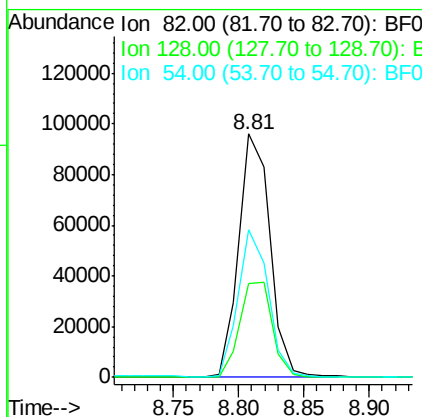
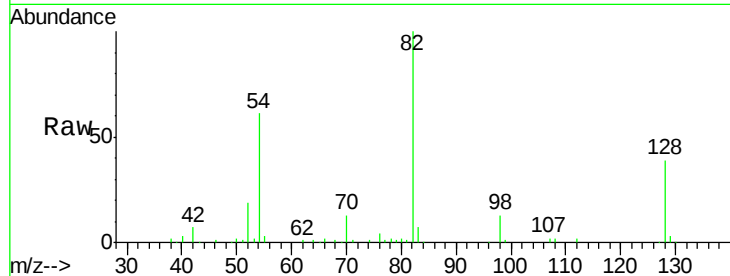
#23
 Nitrobenzene-d5
 Concen: 87.65 ng
 RT: 8.81 min Scan# 693
 Delta R.T. -0.01 min
 Lab File: BF077293.D
 Acq: 12 Feb 2015 20:34

Instrument :
 BNA_F
 ClientSampled :
 PB81726BS

Tot Ion:	82	Resp:	160974
Ion Ratio	Lower	Upper	
82	100		
128	38.6	33.6	50.4
54	60.8	46.2	69.2

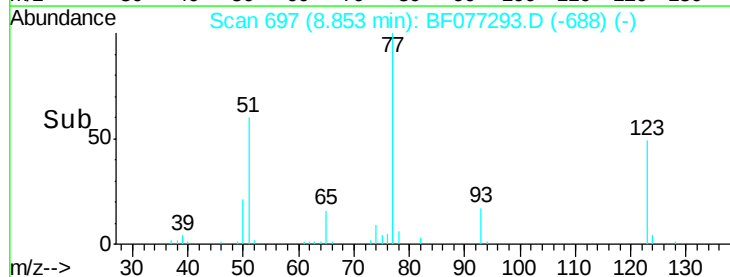
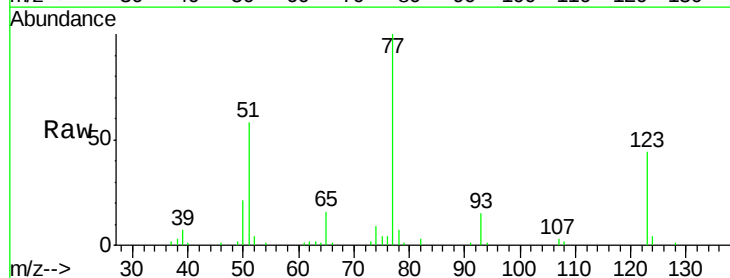
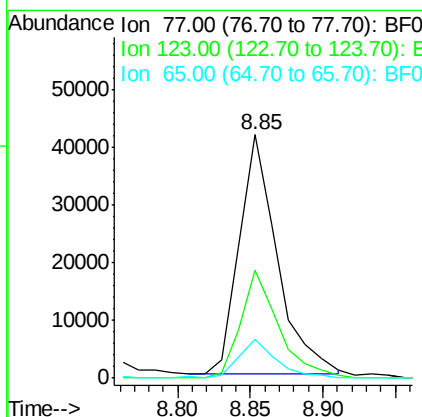
Manual Integrations
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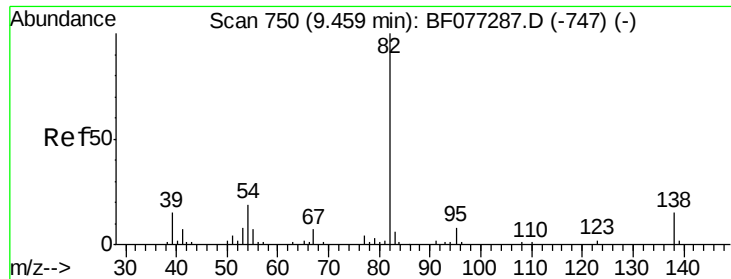
mohammad
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#24
 Nitrobenzene
 Concen: 40.87 ng
 RT: 8.85 min Scan# 697
 Delta R.T. 0.00 min
 Lab File: BF077293.D
 Acq: 12 Feb 2015 20:34

Tgt Ion:	77	Resp:	74416
Ion Ratio	Lower	Upper	
77	100		
123	44.4	33.1	49.7
65	15.9	13.0	19.6





#25

Isophorone

Concen: 42.49 ng

RT: 9.46 min Scan# 750

Delta R.T. 0.00 min

Lab File: BF077293.D

Acq: 12 Feb 2015 20:34

Instrument :

BNA_F

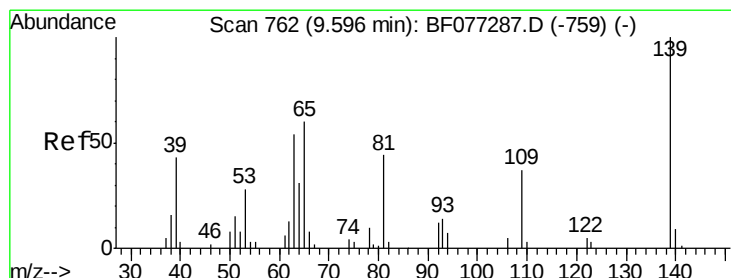
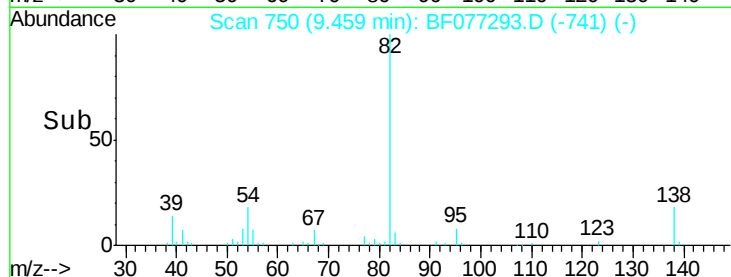
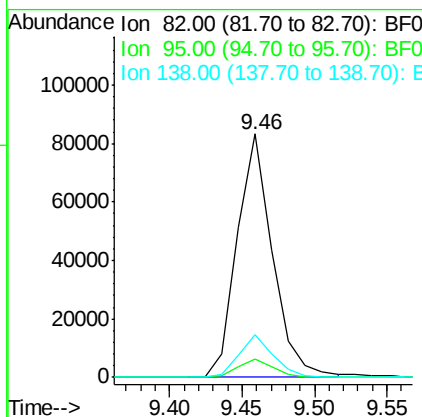
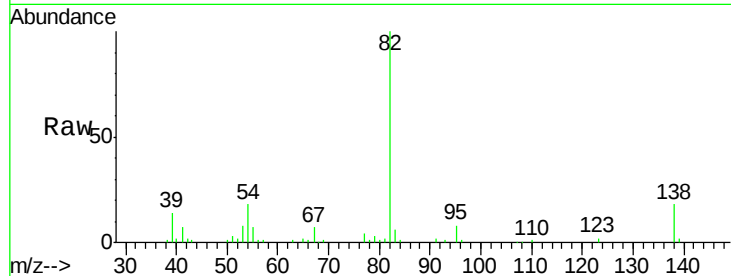
ClientSampleId :

PB81726BS

Tot Ion:	82	Resp:	140652
Ion Ratio		Lower	Upper
82	100		
95	7.7	6.3	9.5
138	17.8	12.1	18.1

Manual Integrations
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#26

2-Nitrophenol

Concen: 39.12 ng

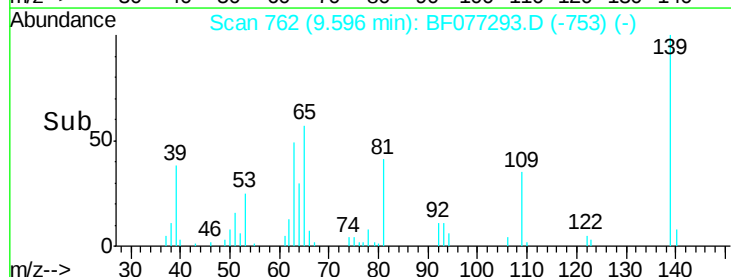
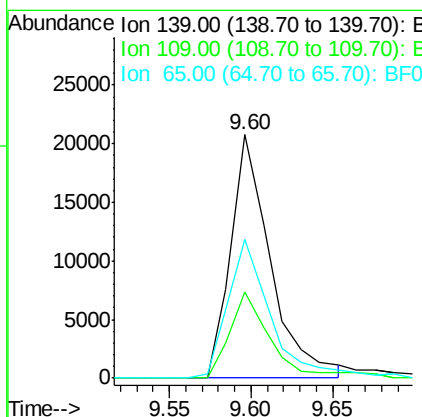
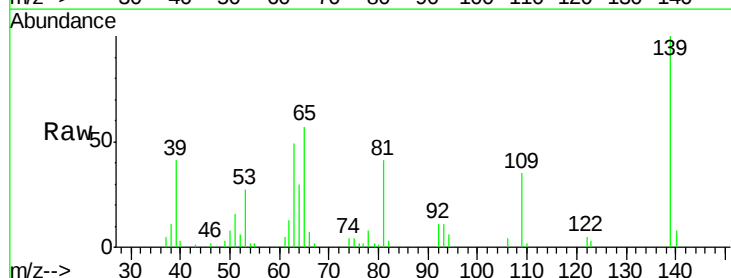
RT: 9.60 min Scan# 762

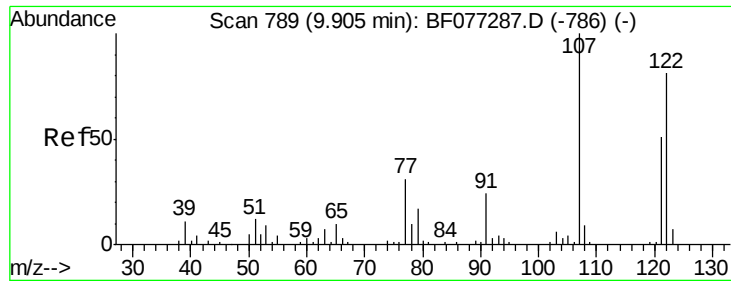
Delta R.T. 0.00 min

Lab File: BF077293.D

Acq: 12 Feb 2015 20:34

Tgt Ion:	139	Resp:	35150
Ion Ratio		Lower	Upper
139	100		
109	35.3	29.4	44.2
65	57.0	47.9	71.9





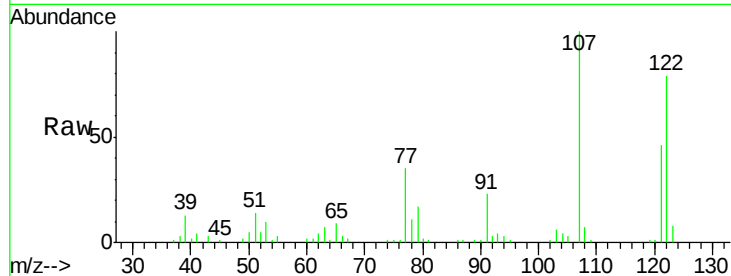
#27
 2,4-Dimethylphenol
 Concen: 43.40 ng
 RT: 9.89 min Scan# 788
 Delta R.T. -0.01 min
 Lab File: BF077293.D
 Acq: 12 Feb 2015 20:34

Instrument :
 BNA_F
 ClientSampleId :
 PB81726BS

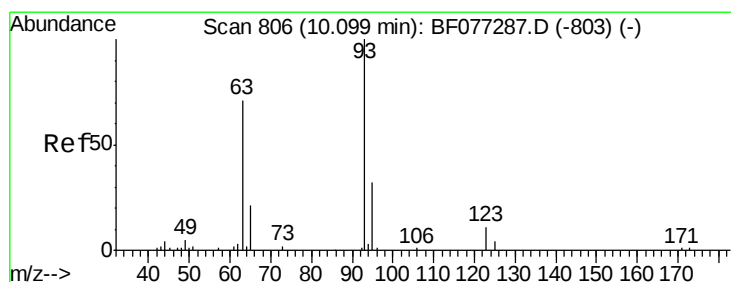
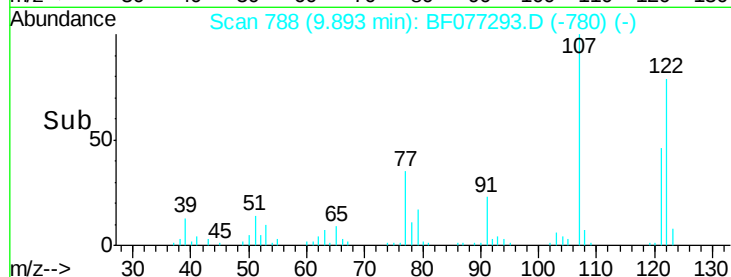
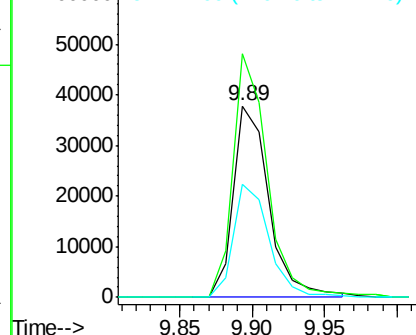
Tot Ion	Ratio	Lower	Upper
122	100		
107	127.1	99.1	148.7
121	58.9	50.2	75.2

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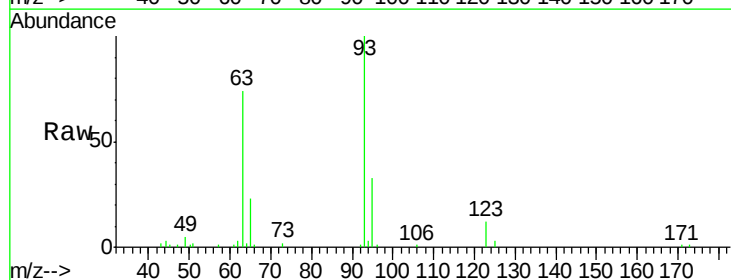


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

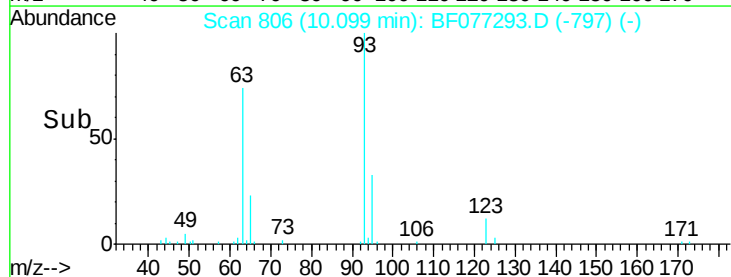
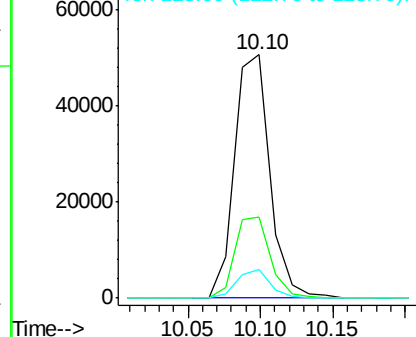


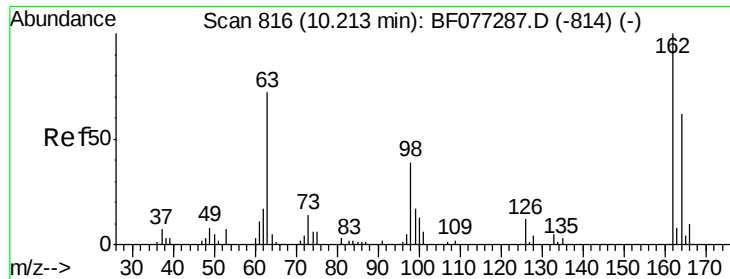
#28
 bis(2-Chloroethoxy)methane
 Concen: 42.49 ng
 RT: 10.10 min Scan# 806
 Delta R.T. 0.00 min
 Lab File: BF077293.D
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Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.4	25.4	38.2
123	11.5	8.5	12.7



Abundance Ion 93.00 (92.70 to 93.70): BF0
 Ion 95.00 (94.70 to 95.70): BF0
 Ion 123.00 (122.70 to 123.70): E





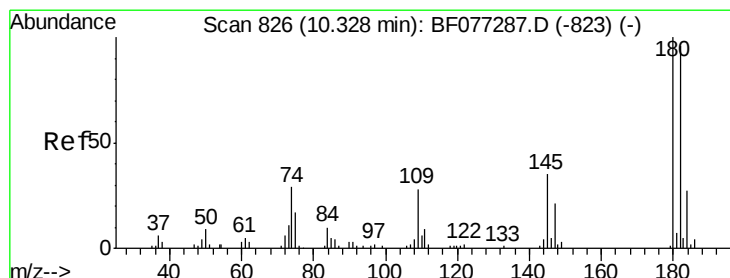
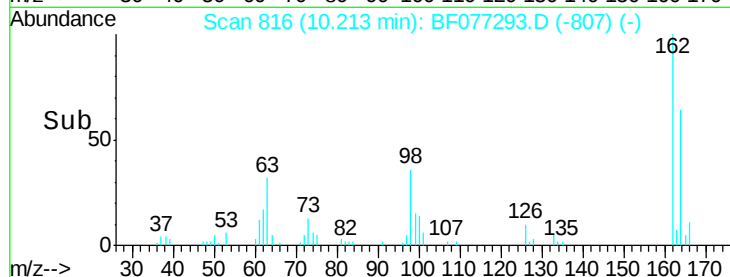
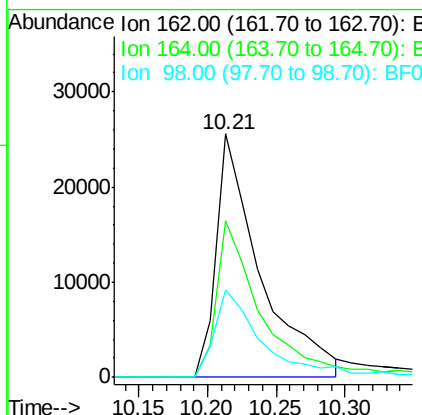
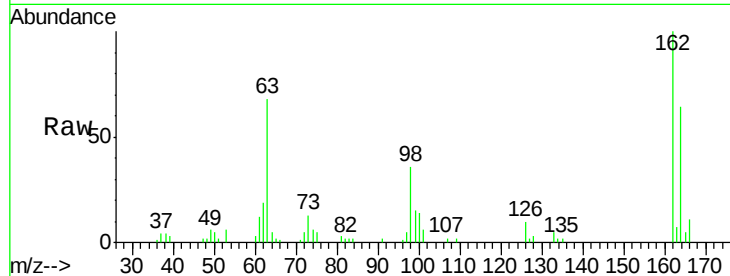
#29
 2,4-Dichlorophenol
 Concen: 41.97 ng/mL
 RT: 10.21 min Scan# 816
 Delta R.T. 0.00 min
 Lab File: BF077293.D
 Acq: 12 Feb 2015 20:34

Instrument :
 BNA_F
 ClientSampleId :
 PB81726BS

Tot Ion:	162	Resp:	57052
Ion Ratio	Lower	Upper	
162	100		
164	64.2	41.9	81.9
98	36.2	19.3	59.3

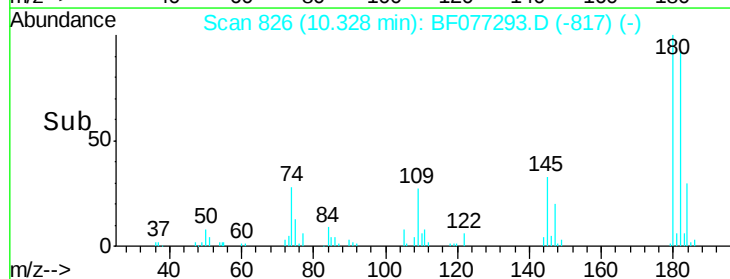
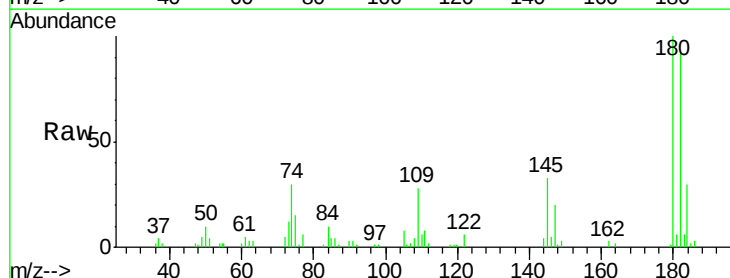
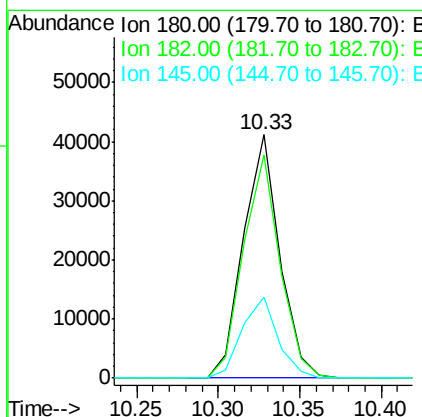
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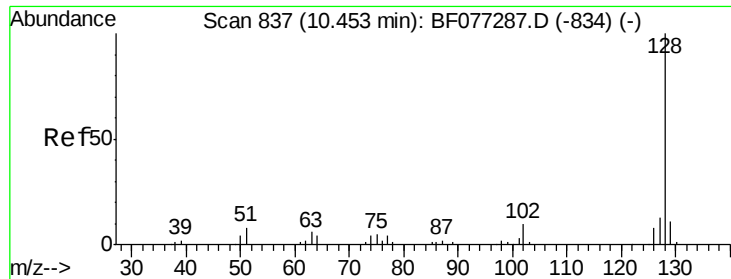
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#30
 1,2,4-Trichlorobenzene
 Concen: 41.33 ng/mL
 RT: 10.33 min Scan# 826
 Delta R.T. 0.00 min
 Lab File: BF077293.D
 Acq: 12 Feb 2015 20:34

Tgt Ion:	180	Resp:	63518
Ion Ratio	Lower	Upper	
180	100		
182	91.9	77.0	115.6
145	33.1	27.9	41.9





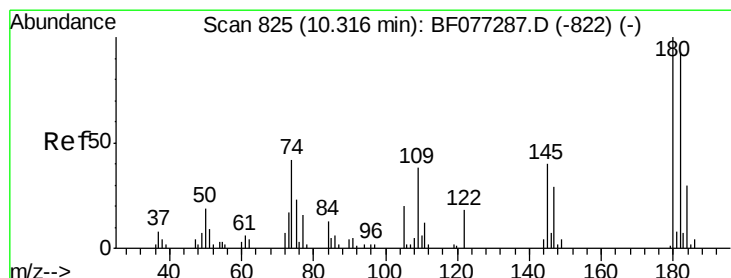
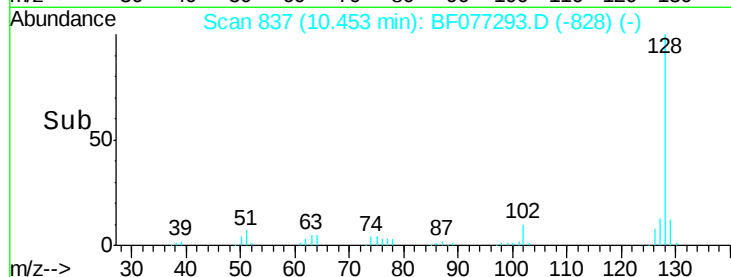
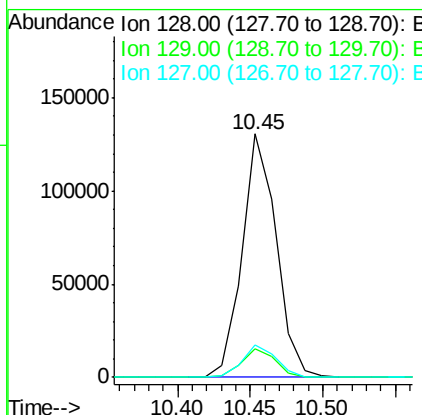
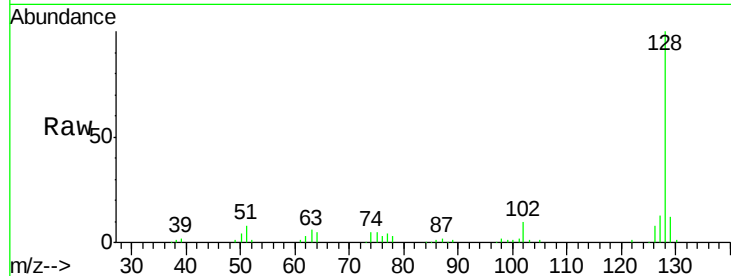
#31
Naphthalene
Concen: 41.01 ng
RT: 10.45 min Scan# 837
Delta R.T. 0.00 min
Lab File: BF077293.D
Acq: 12 Feb 2015 20:34

Instrument :
BNA_F
ClientSampleId :
PB81726BS

Tot Ion	Ratio	Resp	Lower	Upper
128	100	212357		
129	11.6	9.0	13.6	
127	13.3	10.4	15.6	

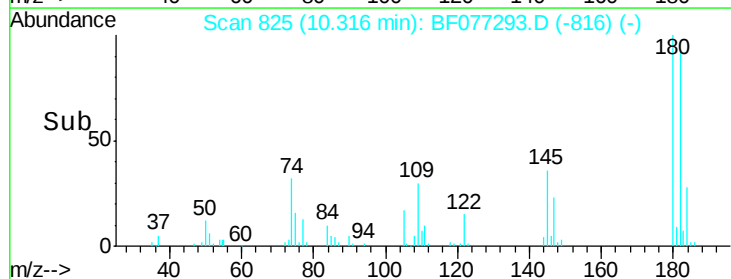
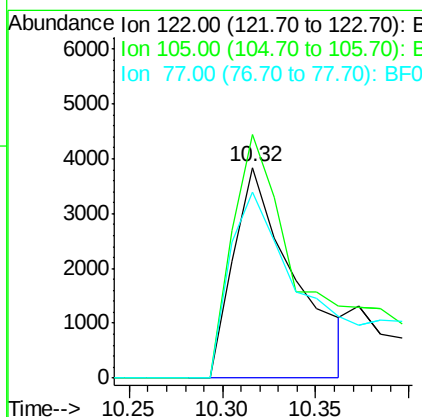
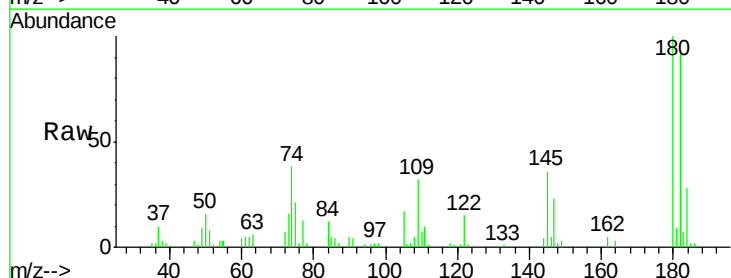
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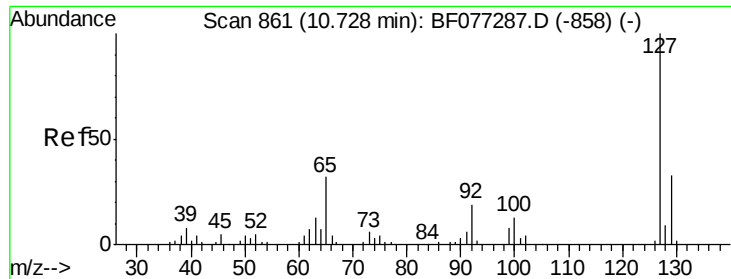
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#32
Benzoic acid
Concen: 38.51 ng
RT: 10.32 min Scan# 825
Delta R.T. 0.00 min
Lab File: BF077293.D
Acq: 12 Feb 2015 20:34

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	8691		
105	115.6	93.4	133.4	
77	88.0	72.6	112.6	





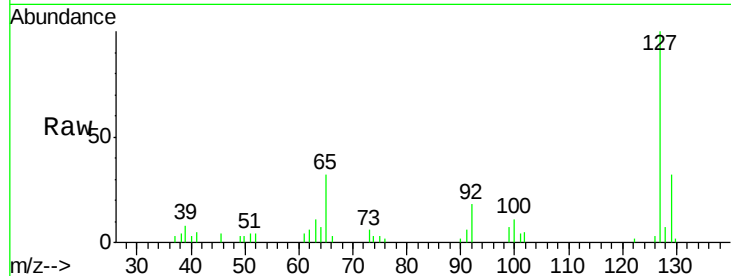
#33
4-Chloroaniline
Concen: 20.69 ng/ml
RT: 10.73 min Scan# 861
Delta R.T. 0.00 min
Lab File: BF077293.D
Acq: 12 Feb 2015 20:34

Instrument :
BNA_F
ClientSampleID :
PB81726BS

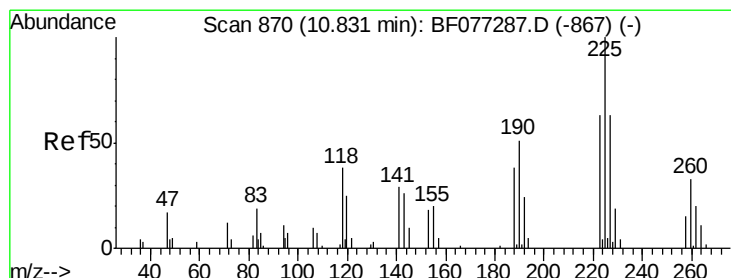
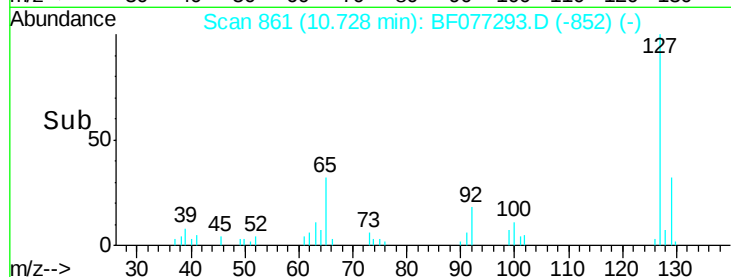
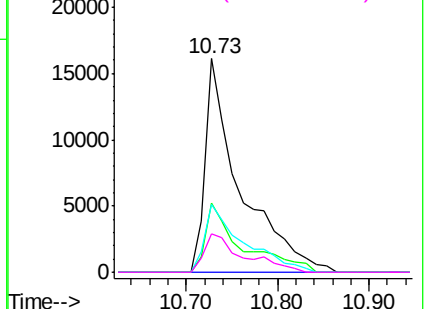
Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	32.3	26.0	39.0		
65	31.9	25.6	38.4		
92	18.3	15.1	22.7		

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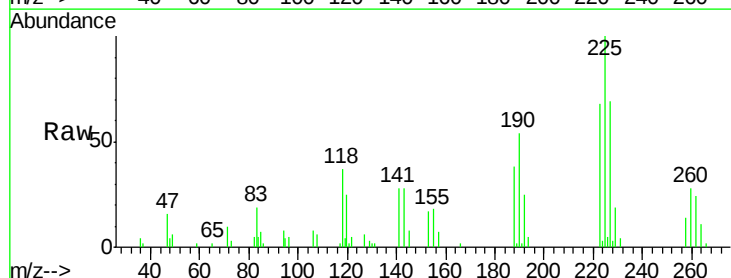


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

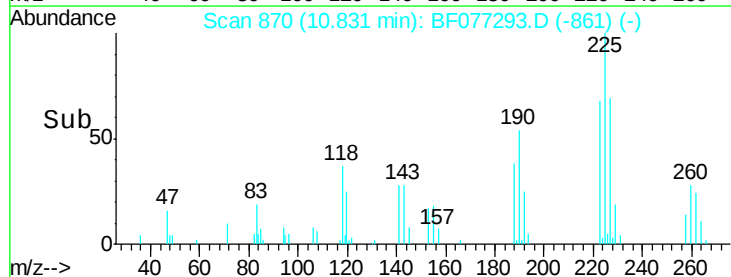
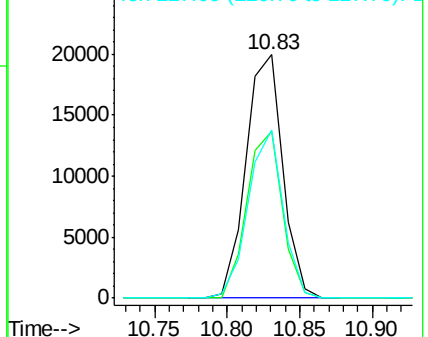


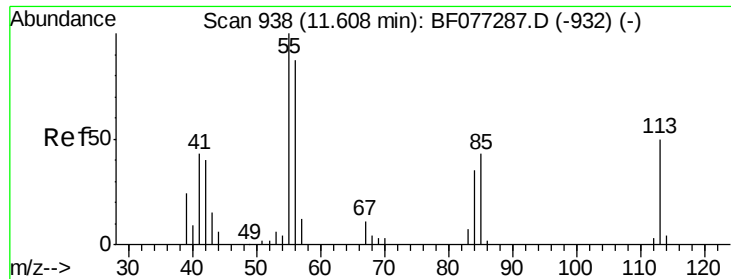
#34
Hexachlorobutadiene
Concen: 40.09 ng/ml
RT: 10.83 min Scan# 870
Delta R.T. 0.00 min
Lab File: BF077293.D
Acq: 12 Feb 2015 20:34

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	68.3	50.2	75.4		
227	69.0	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





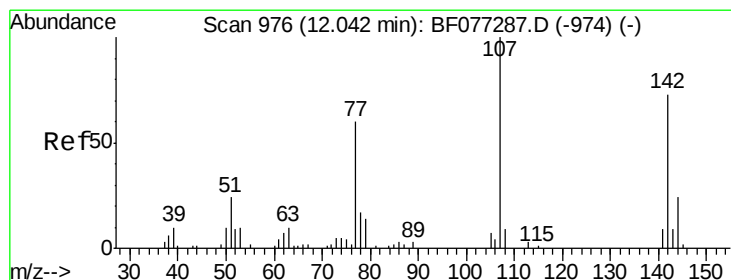
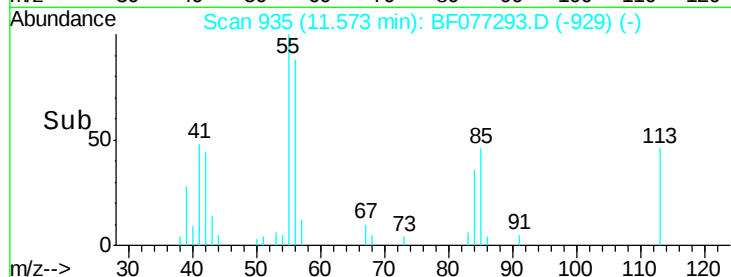
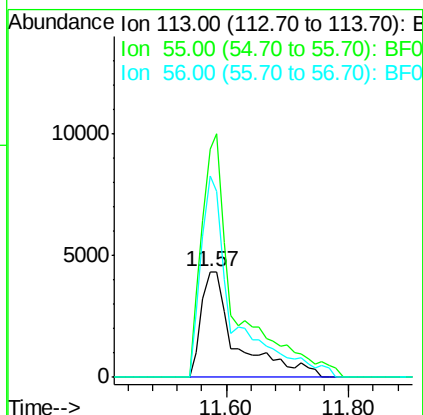
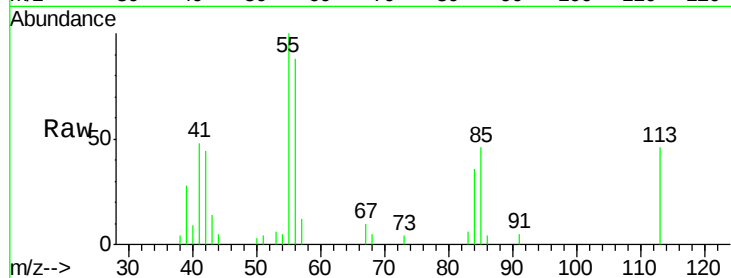
#35
 Caprolactam
 Concen: 42.01 ng/ml
 RT: 11.57 min Scan# 935
 Delta R.T. -0.03 min
 Lab File: BF077293.D
 Acq: 12 Feb 2015 20:34

Instrument :
 BNA_F
 ClientSampleId :
 PB81726BS

Tot Ion	Ratio	Lower	Upper
113	100		
55	216.4	178.4	218.4
56	190.2	152.8	192.8

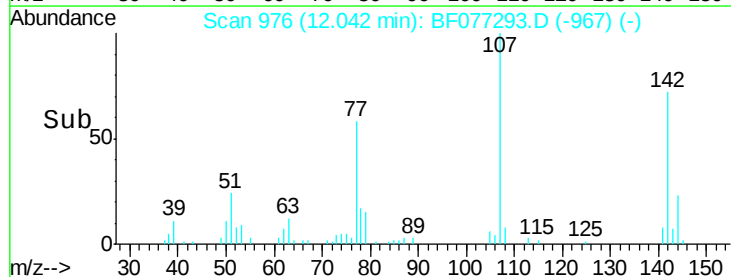
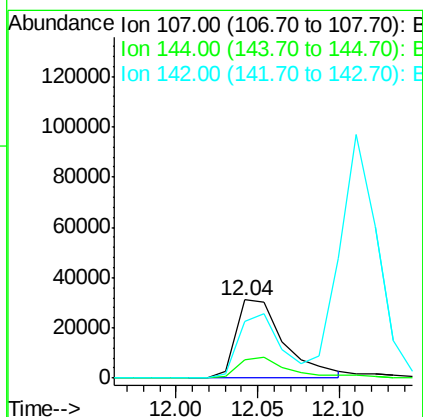
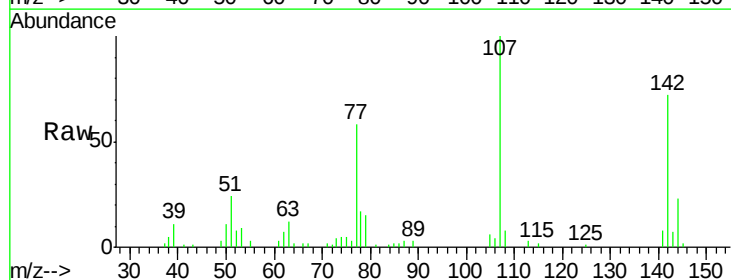
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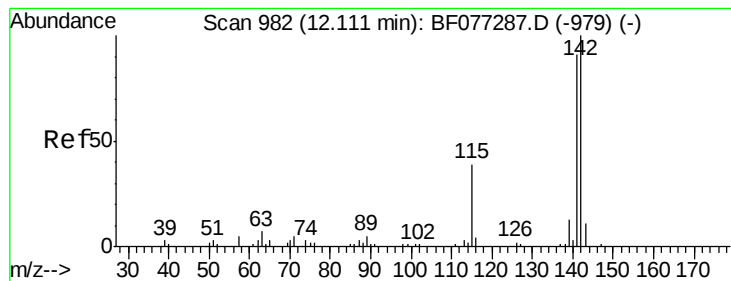
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#36
 4-Chloro-3-methylphenol
 Concen: 42.13 ng/ml
 RT: 12.04 min Scan# 976
 Delta R.T. 0.00 min
 Lab File: BF077293.D
 Acq: 12 Feb 2015 20:34

Tgt Ion	Ratio	Lower	Upper
107	100		
144	23.5	19.2	28.8
142	72.2	58.6	88.0





#37

2-Methylnaphthalene

Concen: 40.12 ng

RT: 12.11 min Scan# 982

Delta R.T. 0.00 min

Lab File: BF077293.D

Acq: 12 Feb 2015 20:34

Instrument :

BNA_F

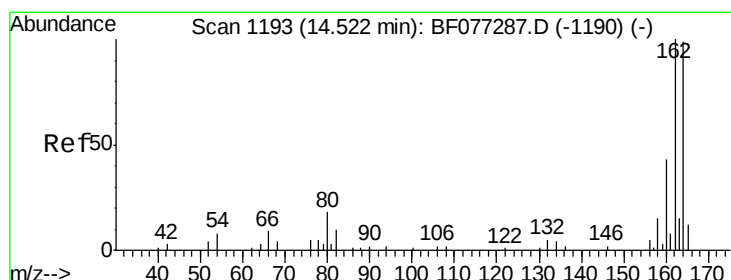
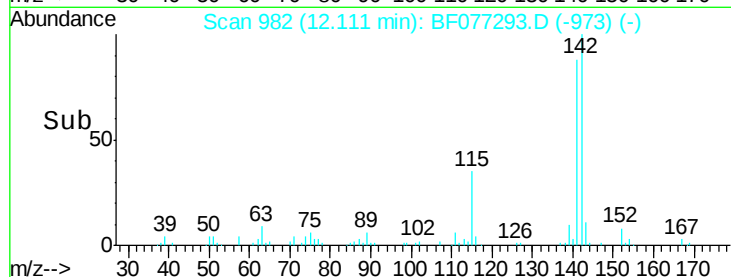
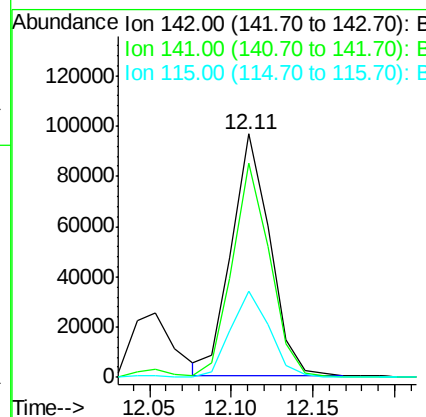
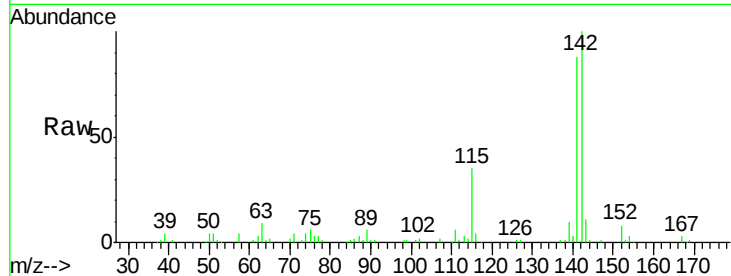
ClientSampleId :

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Tot Ion:	142	Resp:	155741
Ion Ratio	Lower	Upper	
142	100		
141	88.0	69.8	104.6
115	35.2	29.5	44.3

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#38

Acenaphthene-d10

Concen: 20.00 ng

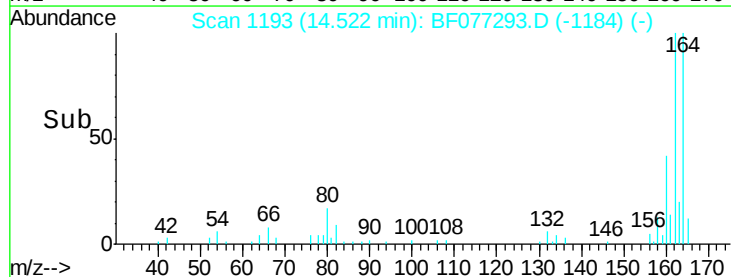
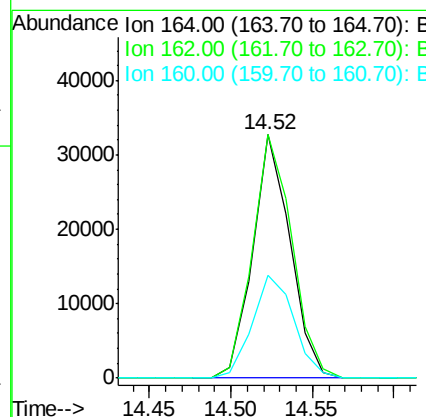
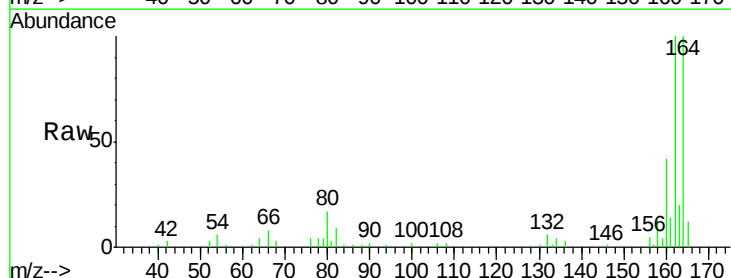
RT: 14.52 min Scan# 1193

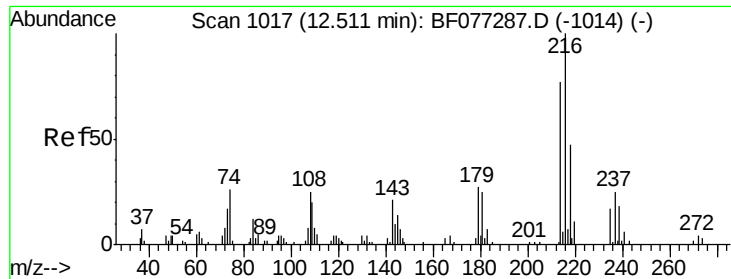
Delta R.T. 0.00 min

Lab File: BF077293.D

Acq: 12 Feb 2015 20:34

Tgt Ion:	164	Resp:	52025
Ion Ratio	Lower	Upper	
164	100		
162	99.9	81.0	121.4
160	42.1	35.2	52.8





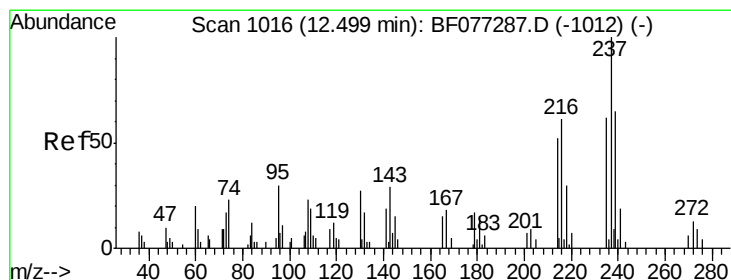
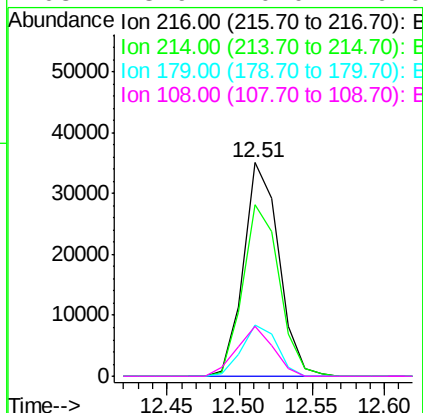
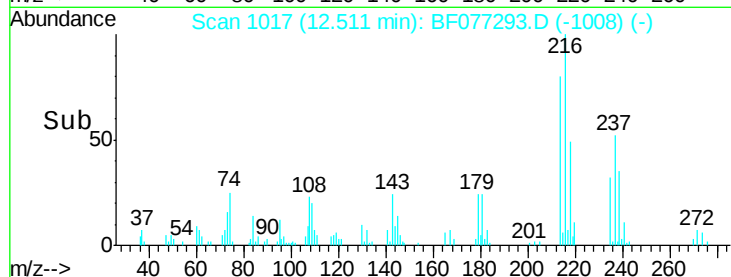
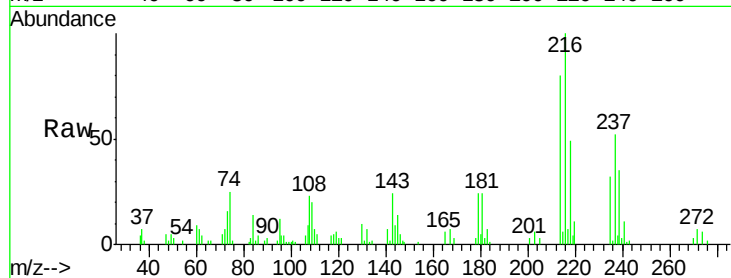
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 45.27 ng
 RT: 12.51 min Scan# 1017
 Delta R.T. 0.00 min
 Lab File: BF077293.D
 Acq: 12 Feb 2015 20:34

Instrument :
 BNA_F
 ClientSampleId :
 PB81726BS

Tot Ion	Ratio	Lower	Upper
216	100		
214	82.7	0.0	0.0#
179	23.9	0.0	0.0#
108	23.9	0.0	0.0#

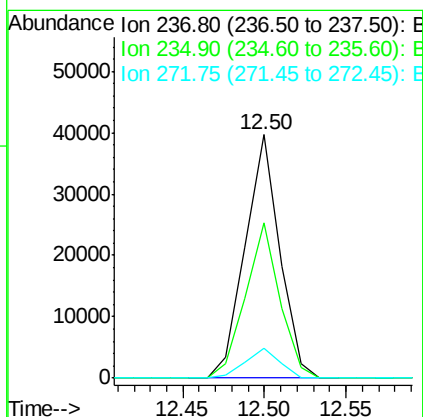
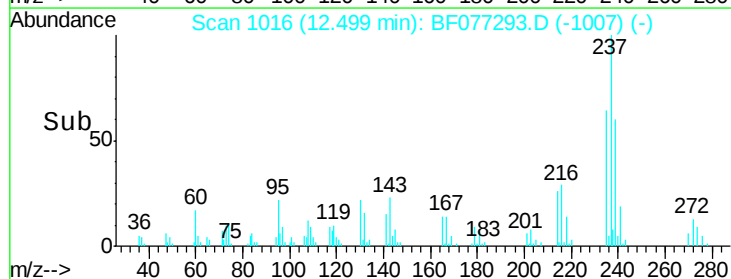
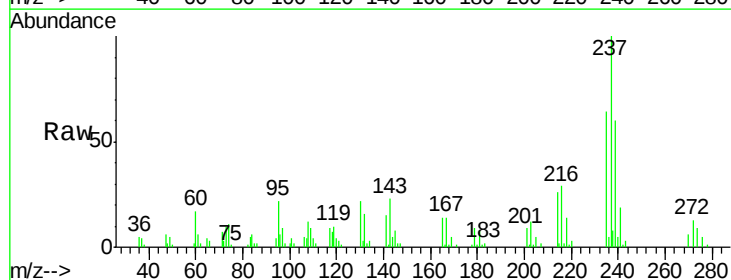
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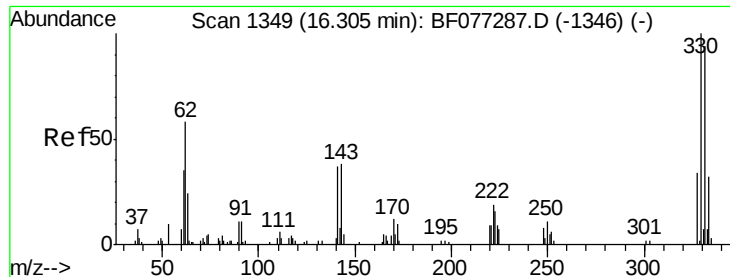
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#40
 Hexachlorocyclopentadiene
 Concen: 89.28 ng
 RT: 12.50 min Scan# 1016
 Delta R.T. 0.00 min
 Lab File: BF077293.D
 Acq: 12 Feb 2015 20:34

Tgt Ion	Ratio	Lower	Upper
237	100		
235	63.5	42.0	82.0
272	12.5	0.0	33.3





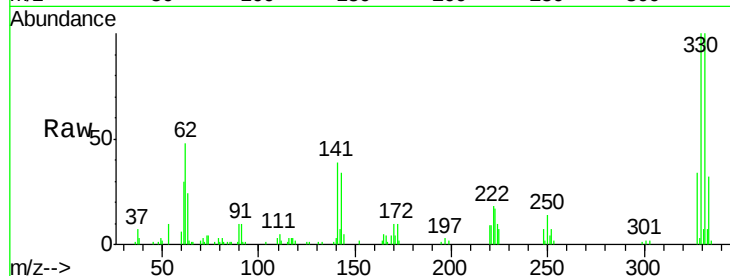
#41
 2,4,6-Tribromophenol
 Concen: 147.55 ng
 RT: 16.31 min Scan# 1349
 Delta R.T. 0.00 min
 Lab File: BF077293.D
 Acq: 12 Feb 2015 20:34

Instrument :
 BNA_F
 ClientSampleId :
 PB81726BS

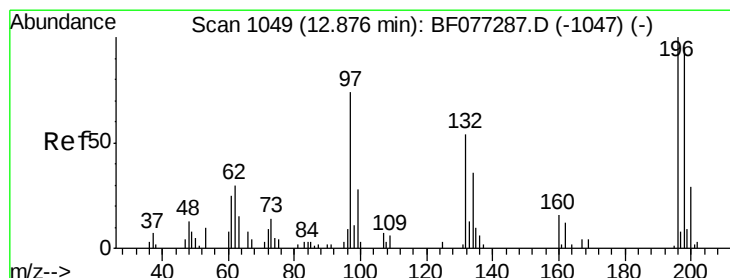
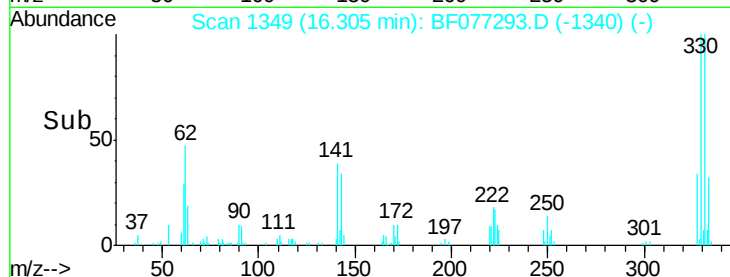
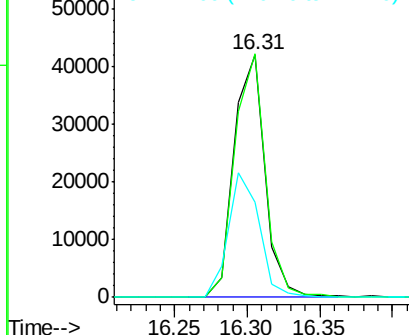
Tot Ion	Ratio	Resp Lower	Resp Upper
330	100		
332	98.9	0.0	0.0#
141	51.3	0.0	0.0#

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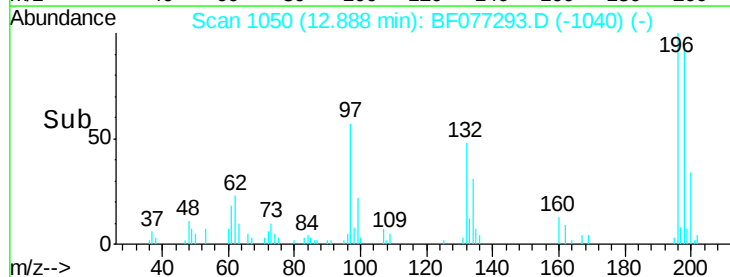
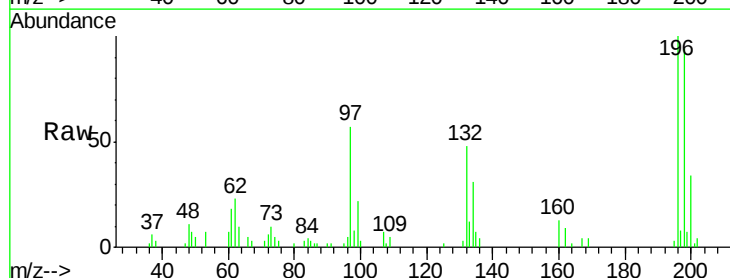
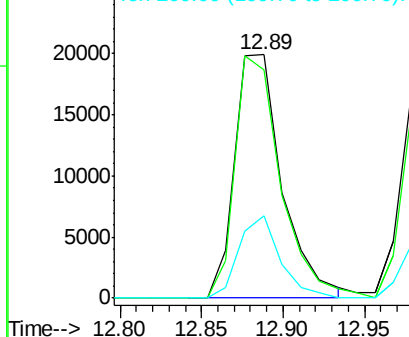
Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

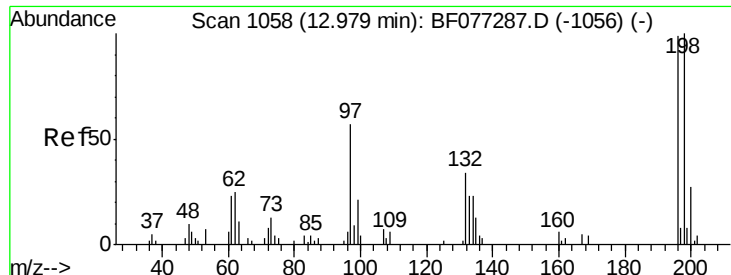


#42
 2,4,6-Trichlorophenol
 Concen: 46.72 ng
 RT: 12.89 min Scan# 1050
 Delta R.T. 0.01 min
 Lab File: BF077293.D
 Acq: 12 Feb 2015 20:34

Tgt Ion	Ratio	Resp Lower	Resp Upper
196	100		
198	93.9	75.8	113.8
200	33.9	23.3	34.9

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





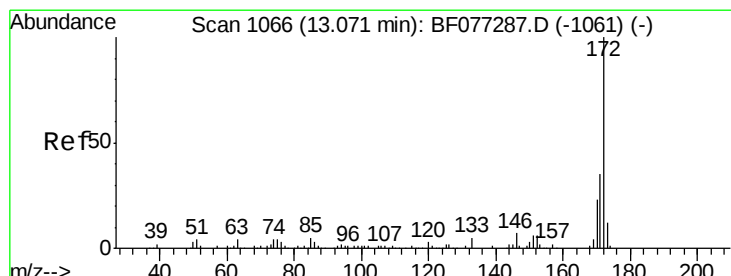
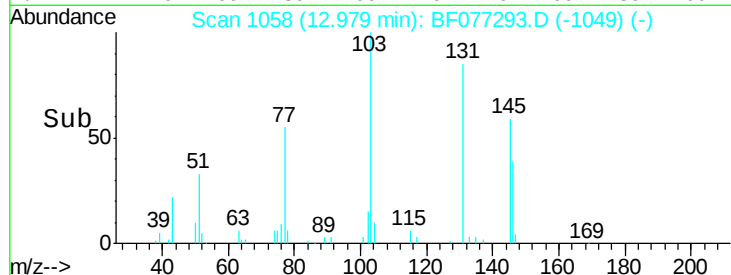
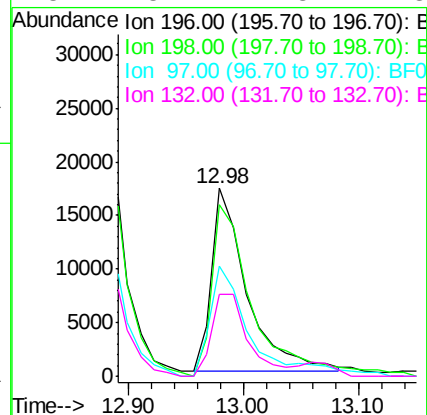
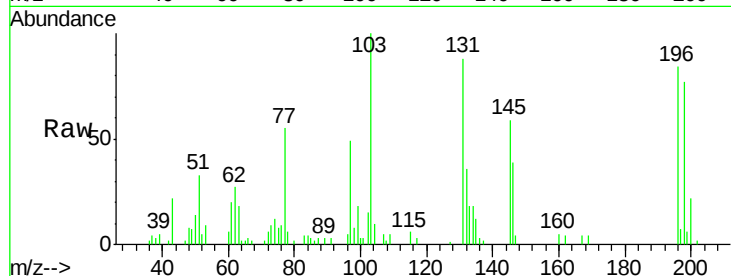
#43
 2,4,5-Trichlorophenol
 Concen: 43.54 ng/ml
 RT: 12.98 min Scan# 1058
 Delta R.T. 0.00 min
 Lab File: BF077293.D
 Acq: 12 Feb 2015 20:34

Instrument :
 BNA_F
 ClientSampleID :
 PB81726BS

Tot Ion	196	Resp	36763
Ion Ratio	Lower	Upper	
196	100		
198	91.3	82.6	123.8
97	58.9	47.3	70.9
132	43.4	27.8	41.8#

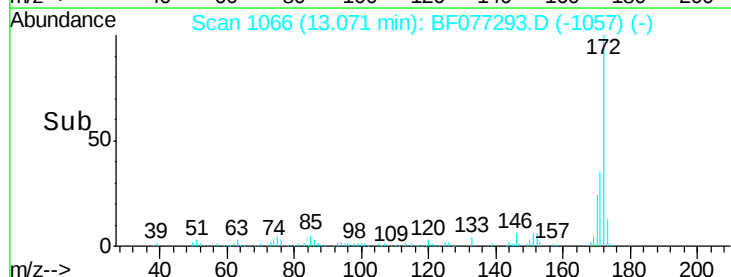
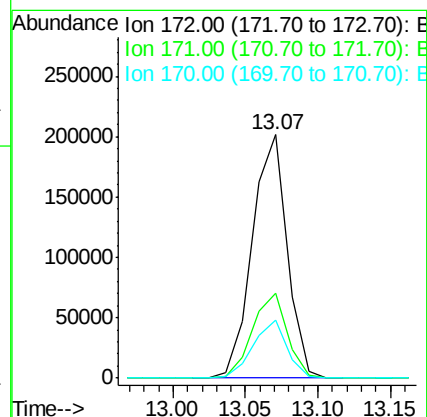
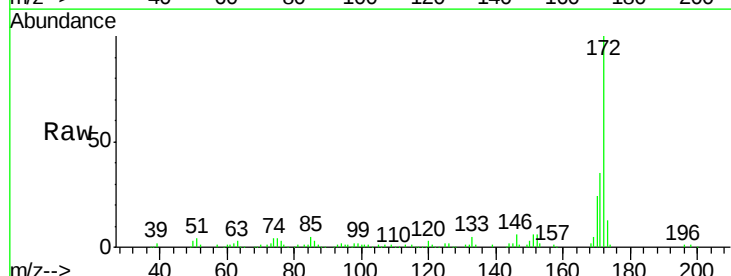
Manual Integrations
 APPROVED

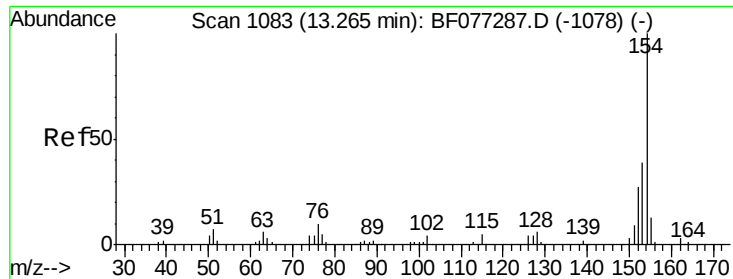
mohammad
 2/13/2015 5:40:19 PM



#44
 2-Fluorobiphenyl
 Concen: 96.93 ng/ml
 RT: 13.07 min Scan# 1066
 Delta R.T. 0.00 min
 Lab File: BF077293.D
 Acq: 12 Feb 2015 20:34

Tgt Ion	172	Resp	335042
Ion Ratio	Lower	Upper	
172	100		
171	34.6	27.8	41.8
170	23.8	18.3	27.5





#45

1,1'-Biphenyl

Concen: 45.55 ng

RT: 13.27 min Scan# 1083

Delta R.T. 0.00 min

Lab File: BF077293.D

Acq: 12 Feb 2015 20:34

Instrument :

BNA_F

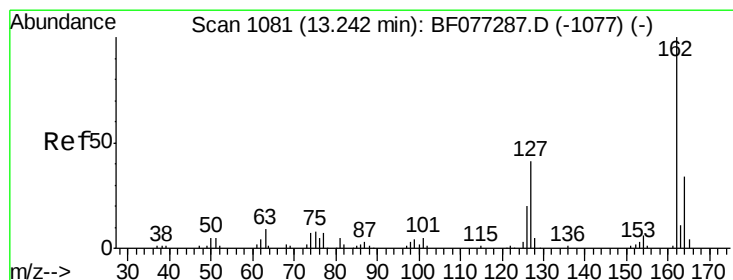
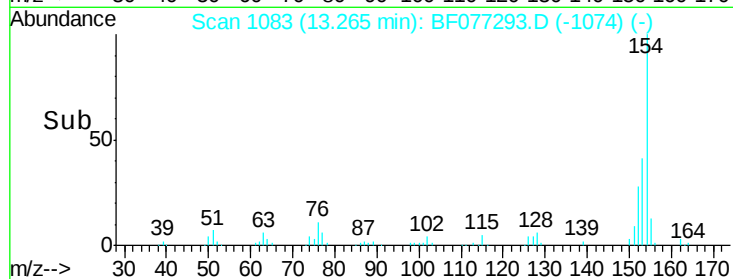
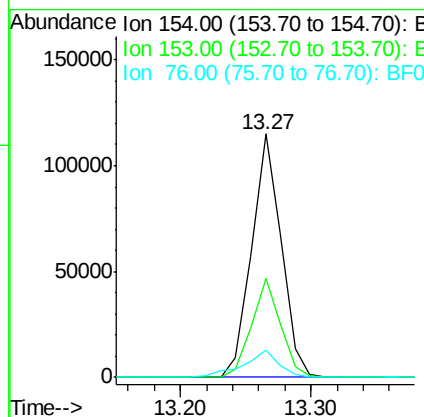
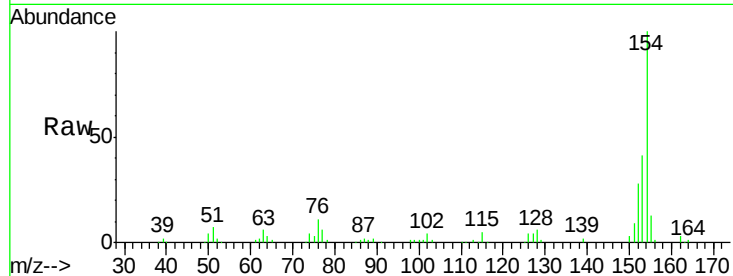
ClientSampleId :

PB81726BS

Tot Ion:	154	Resp:	182600
Ion Ratio	Lower	Upper	
154	100		
153	40.6	18.9	58.9
76	11.2	0.0	30.4

Manual Integrations
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mohammad
2/13/2015 5:40:19 PM



#46

2-Chloronaphthalene

Concen: 46.37 ng

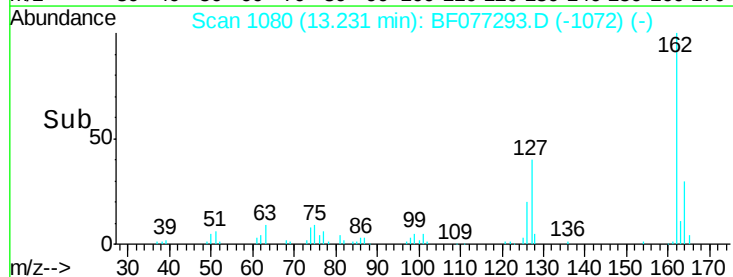
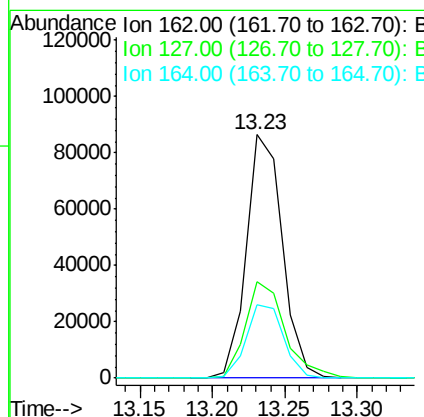
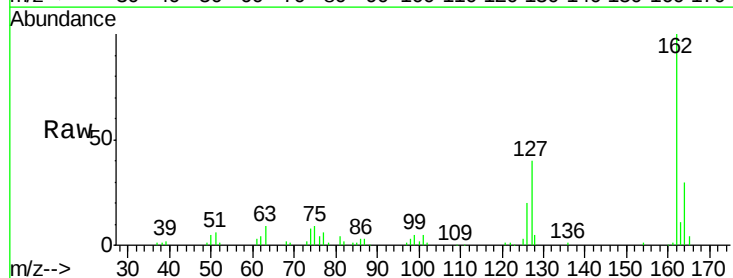
RT: 13.23 min Scan# 1080

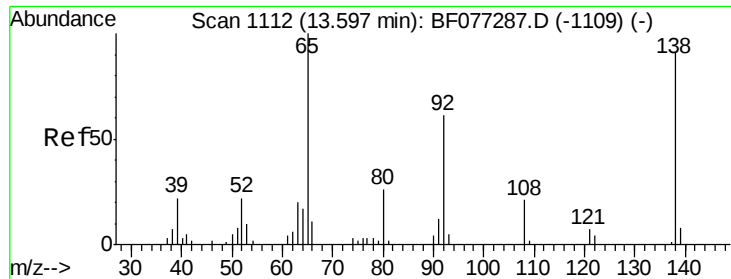
Delta R.T. -0.01 min

Lab File: BF077293.D

Acq: 12 Feb 2015 20:34

Tgt Ion:	162	Resp:	148456
Ion Ratio	Lower	Upper	
162	100		
127	39.8	32.6	48.8
164	30.4	27.0	40.6





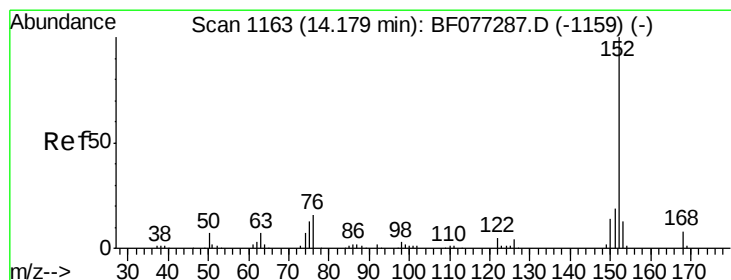
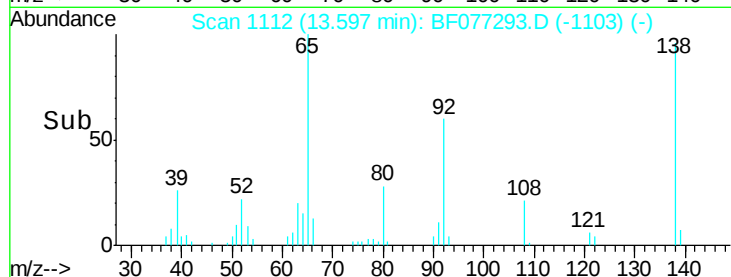
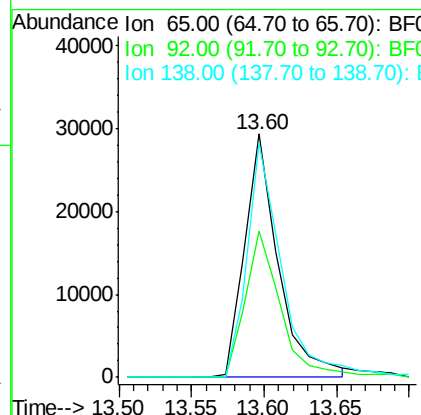
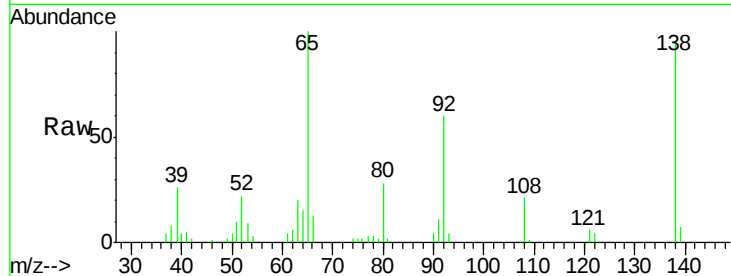
#47
2-Nitroaniline
Concen: 50.80 ng
RT: 13.60 min Scan# 1112
Delta R.T. 0.00 min
Lab File: BF077293.D
Acq: 12 Feb 2015 20:34

Instrument :
BNA_F
ClientSampleId :
PB81726BS

Tot Ion	Ratio	Lower	Upper
65	100		
92	60.3	48.7	73.1
138	96.5	72.5	108.7

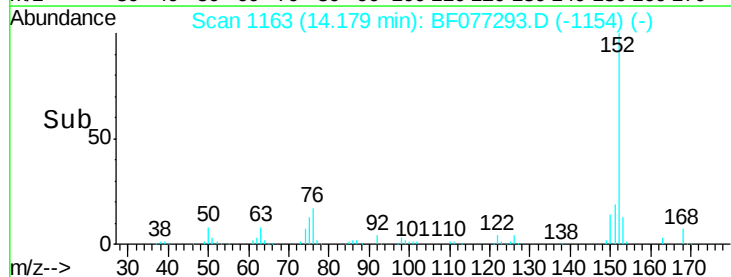
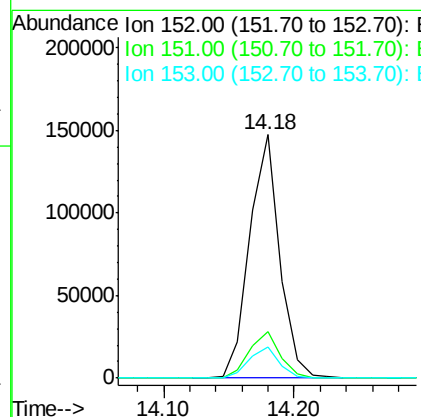
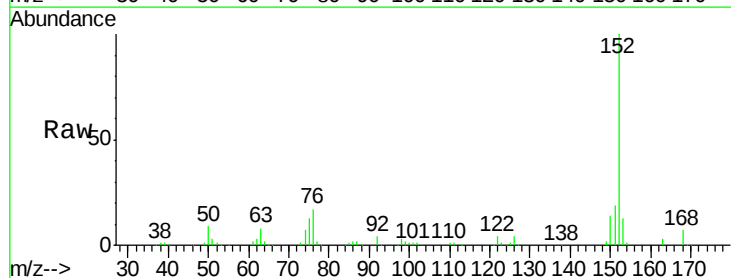
Manual Integrations
APPROVED

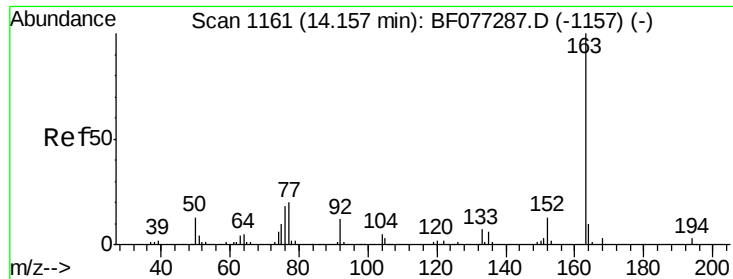
mohammad
2/13/2015 5:40:19 PM



#48
Acenaphthylene
Concen: 46.70 ng
RT: 14.18 min Scan# 1163
Delta R.T. 0.00 min
Lab File: BF077293.D
Acq: 12 Feb 2015 20:34

Tgt Ion	Ratio	Lower	Upper
152	100		
151	19.0	15.3	22.9
153	12.9	10.2	15.2





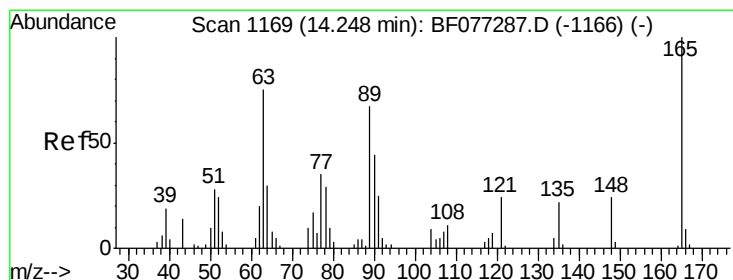
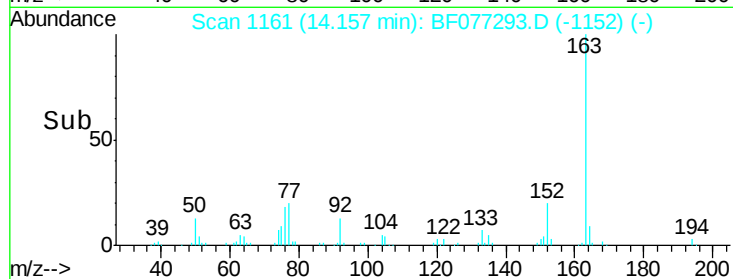
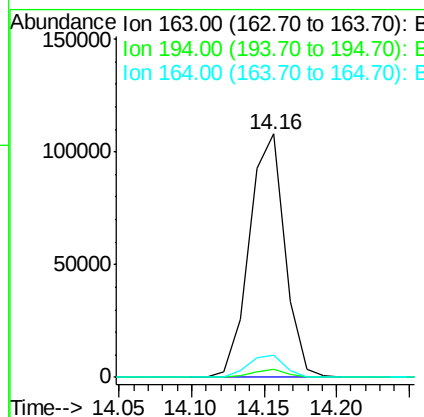
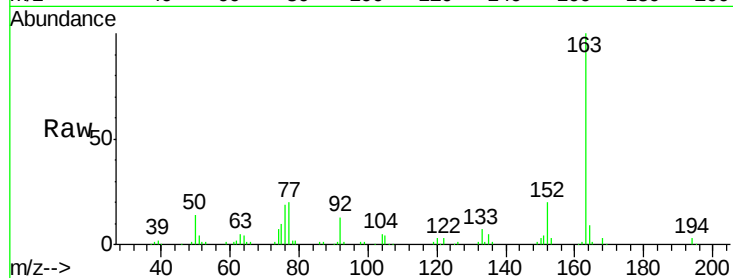
#49
Dimethylphthalate
Concen: 48.69 ng
RT: 14.16 min Scan# 1161
Delta R.T. 0.00 min
Lab File: BF077293.D
Acq: 12 Feb 2015 20:34

Instrument :
BNA_F
ClientSampleID :
PB81726BS

Tot Ion	Ratio	Resp Lower	Upper
163	100		
194	3.4	2.3	3.5
164	8.9	7.6	11.4

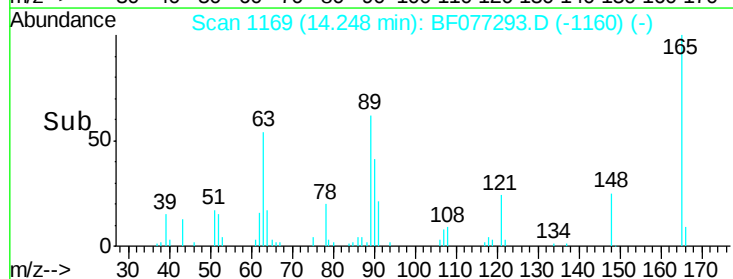
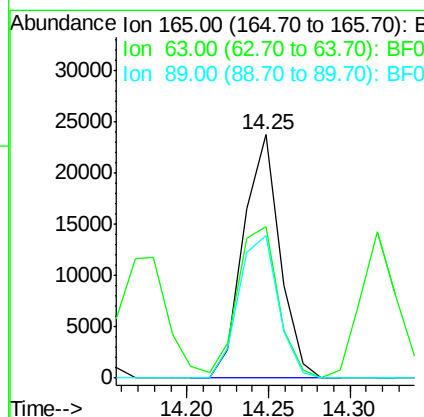
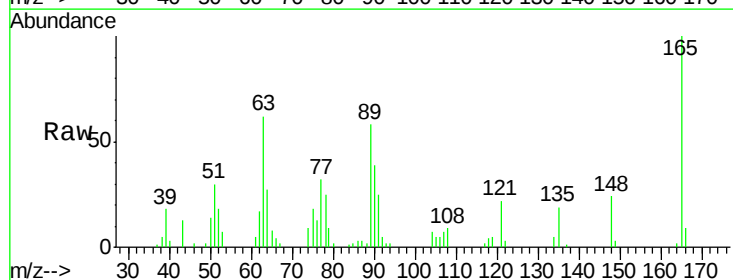
Manual Integrations
APPROVED

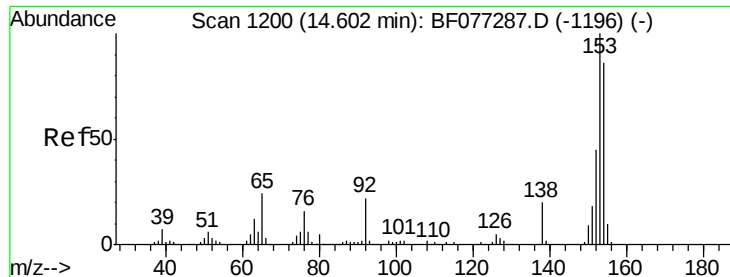
mohammad
2/13/2015 5:40:19 PM



#50
2,6-Dinitrotoluene
Concen: 50.62 ng
RT: 14.25 min Scan# 1169
Delta R.T. 0.00 min
Lab File: BF077293.D
Acq: 12 Feb 2015 20:34

Tgt Ion	Ratio	Resp Lower	Upper
165	100		
63	62.1	61.2	91.8
89	58.4	53.7	80.5





#51

Acenaphthene

Concen: 45.08 ng

RT: 14.60 min Scan# 1200

Delta R.T. 0.00 min

Lab File: BF077293.D

Acq: 12 Feb 2015 20:34

Instrument :

BNA_F

ClientSampleId :

PB81726BS

Tot Ion:154 Resp: 131872

Ion Ratio Lower Upper

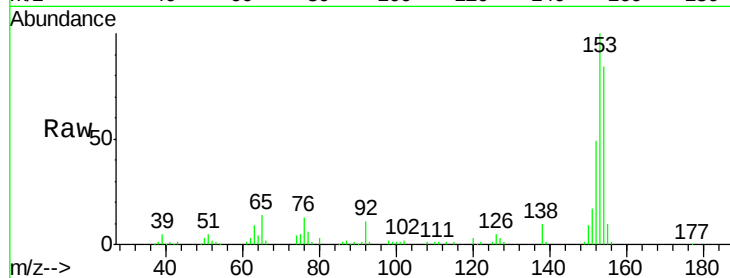
154 100

153 119.1 92.5 138.7

152 57.8 42.1 63.1

Manual Integrations
APPROVED

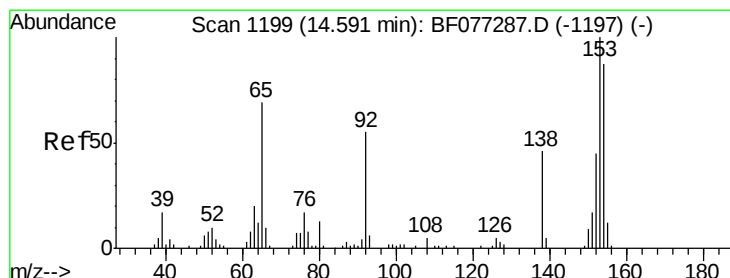
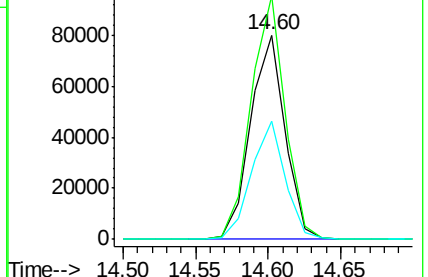
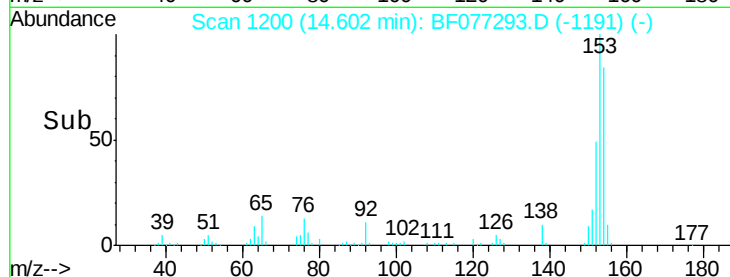
mohammad
2/13/2015 5:40:19 PM



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: 23.57 ng

RT: 14.60 min Scan# 1200

Delta R.T. 0.01 min

Lab File: BF077293.D

Acq: 12 Feb 2015 20:34

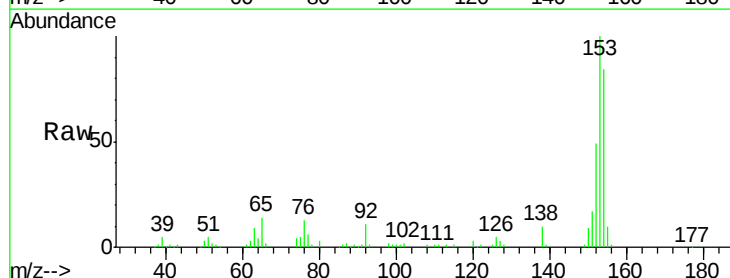
Tgt Ion:138 Resp: 20971

Ion Ratio Lower Upper

138 100

108 12.2 9.5 14.3

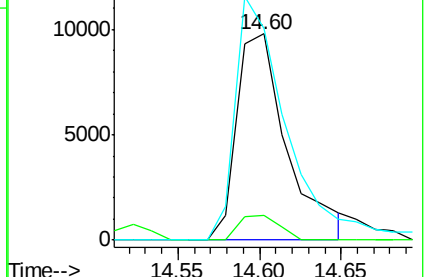
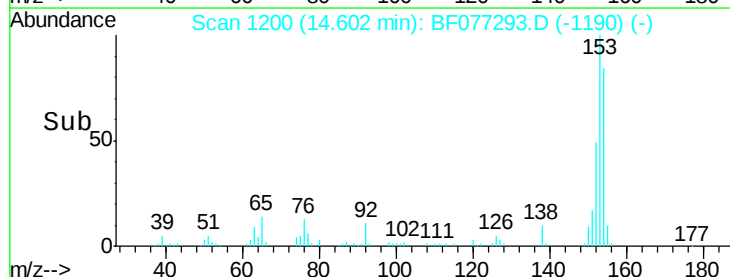
92 102.8 95.8 143.6

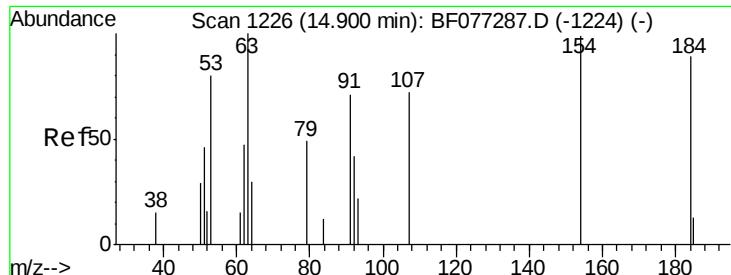


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0





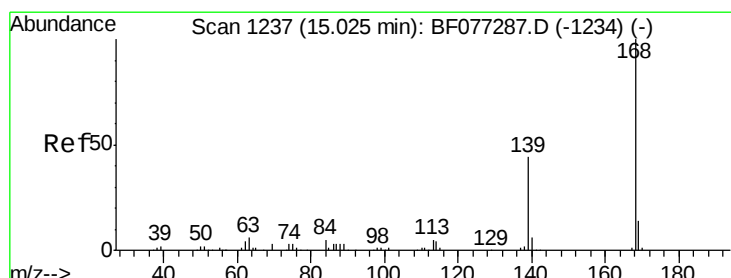
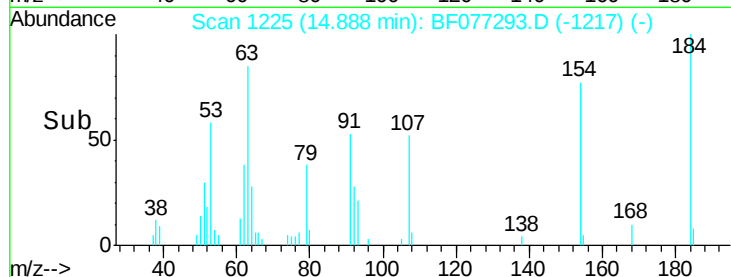
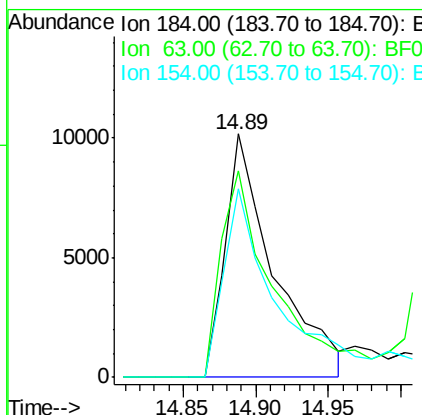
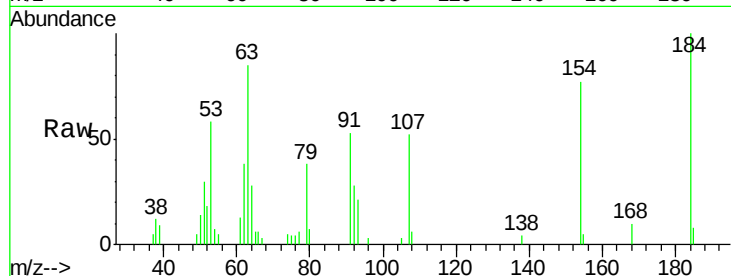
#53
2,4-Dinitrophenol
Concen: 87.40 ng
RT: 14.89 min Scan# 1225
Delta R.T. -0.01 min
Lab File: BF077293.D
Acq: 12 Feb 2015 20:34

Instrument :
BNA_F
ClientSampleId :
PB81726BS

Tot Ion	Ratio	Lower	Upper
184	100		
63	85.0	90.2	135.4#
154	77.5	89.7	134.5#

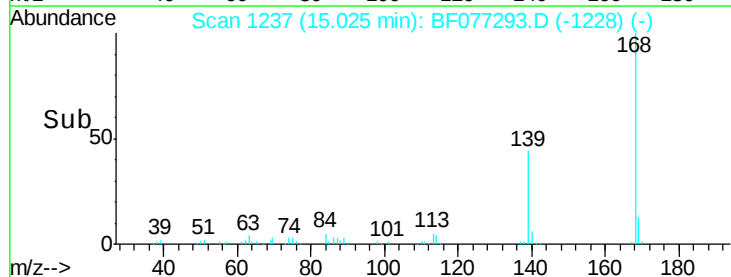
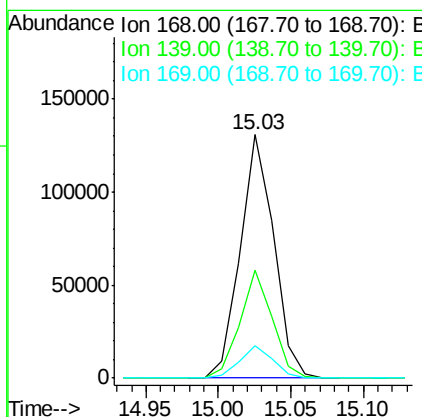
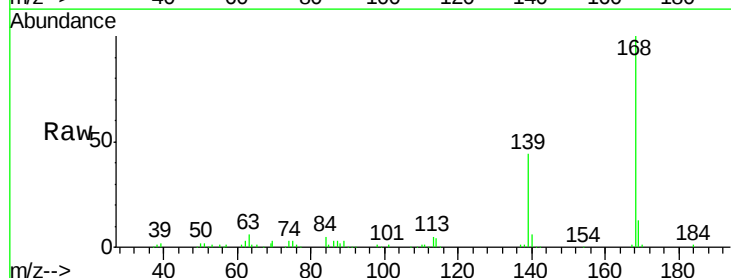
Manual Integrations
APPROVED

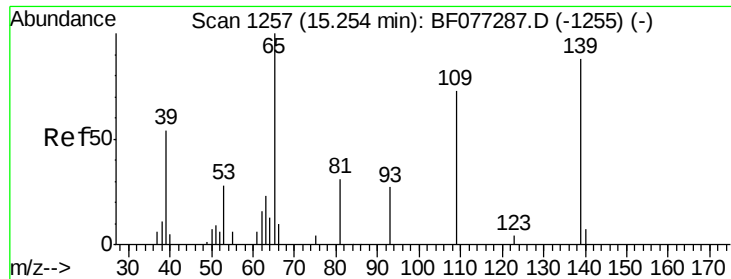
mohammad
2/13/2015 5:40:19 PM



#54
Dibenzofuran
Concen: 46.51 ng
RT: 15.03 min Scan# 1237
Delta R.T. 0.00 min
Lab File: BF077293.D
Acq: 12 Feb 2015 20:34

Tgt Ion	Ratio	Lower	Upper
168	100		
139	44.4	35.6	53.4
169	13.1	10.9	16.3





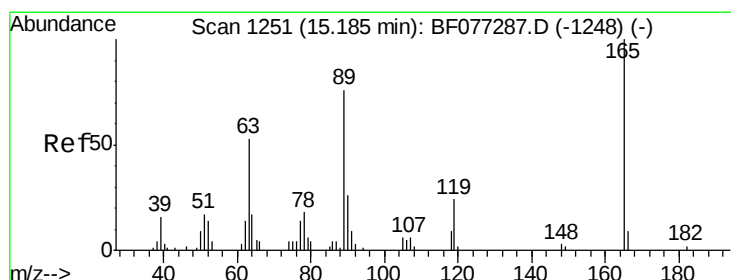
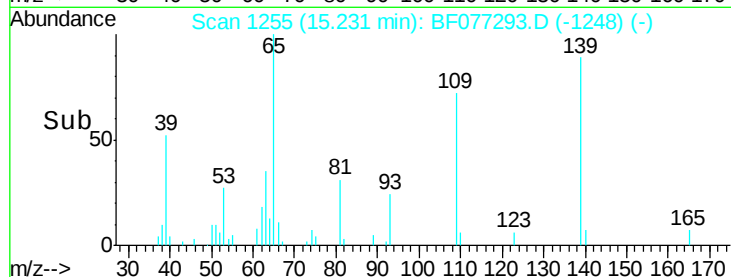
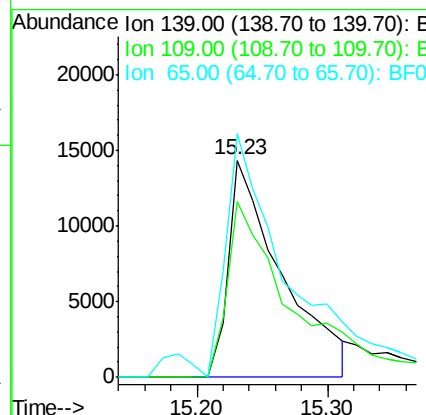
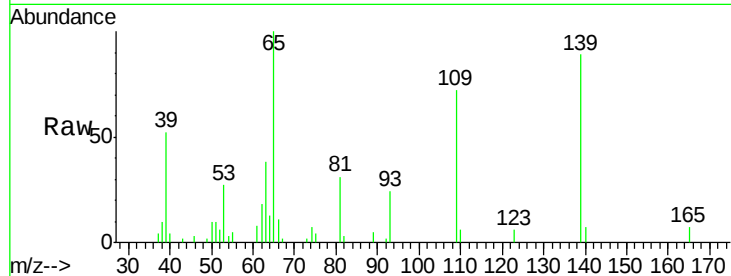
#55
4-Nitrophenol
Concen: 94.01 ng
RT: 15.23 min Scan# 1255
Delta R.T. -0.02 min
Lab File: BF077293.D
Acq: 12 Feb 2015 20:34

Instrument :
BNA_F
ClientSampleId :
PB81726BS

Tot Ion	Ratio	Lower	Upper
139	100		
109	81.3	62.7	102.7
65	112.3	93.5	133.5

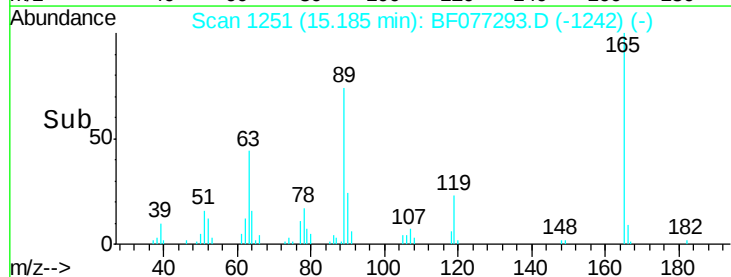
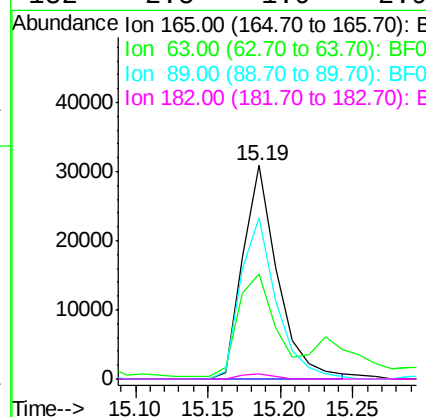
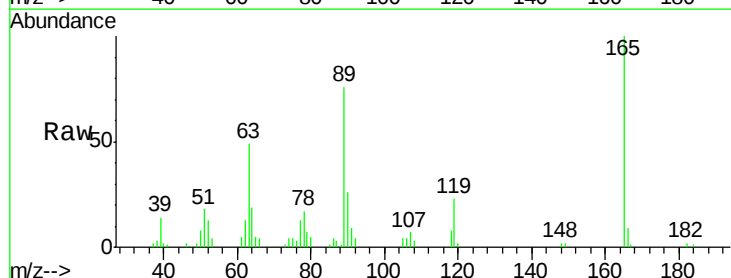
Manual Integrations
APPROVED

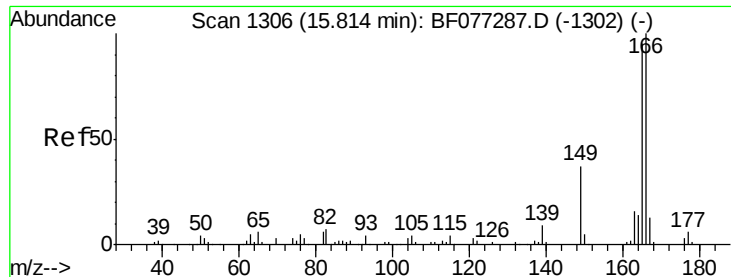
mohammad
2/13/2015 5:40:19 PM



#56
2,4-Dinitrotoluene
Concen: 49.52 ng
RT: 15.19 min Scan# 1251
Delta R.T. 0.00 min
Lab File: BF077293.D
Acq: 12 Feb 2015 20:34

Tgt Ion	Ratio	Lower	Upper
165	100		
63	49.1	42.4	63.6
89	75.7	61.1	91.7
182	2.5	1.9	2.9





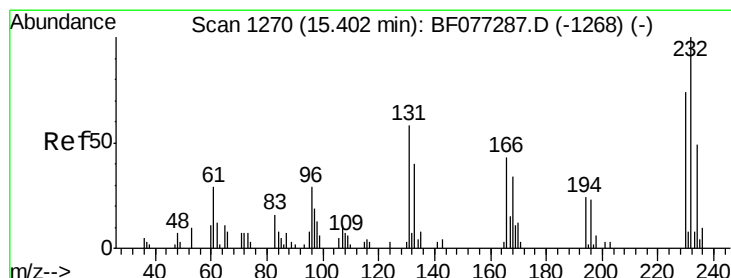
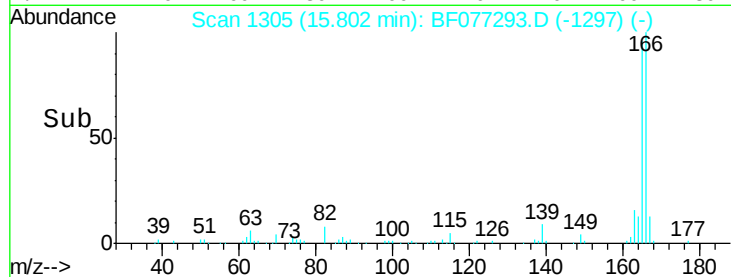
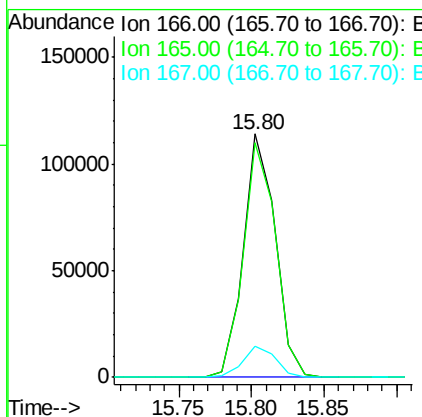
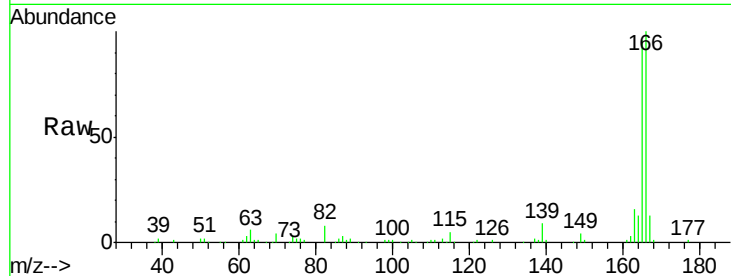
#57
Fluorene
Concen: 46.93 ng
RT: 15.80 min Scan# 1305
Delta R.T. -0.01 min
Lab File: BF077293.D
Acq: 12 Feb 2015 20:34

Instrument :
BNA_F
ClientSampleId :
PB81726BS

Tot Ion	Ratio	Lower	Upper
166	100		
165	96.5	75.9	113.9
167	12.8	10.2	15.4

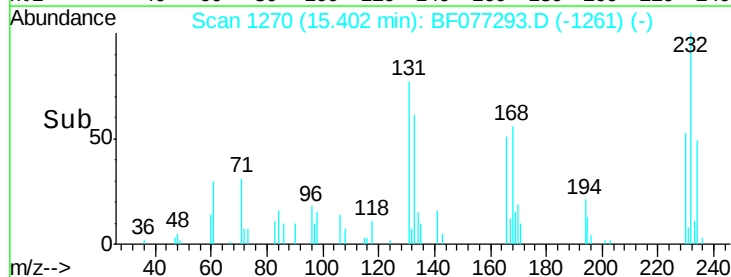
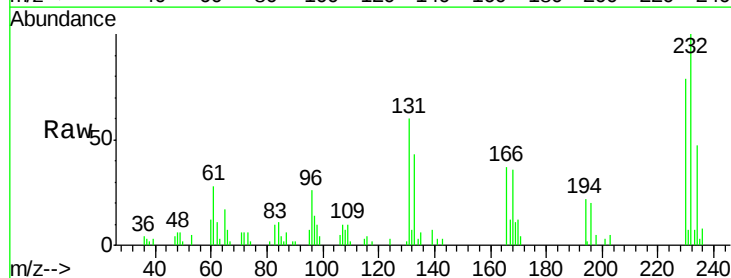
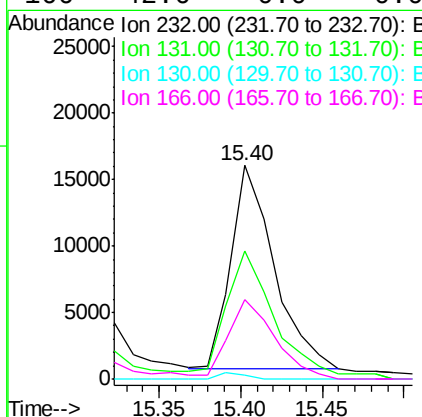
Manual Integrations
APPROVED

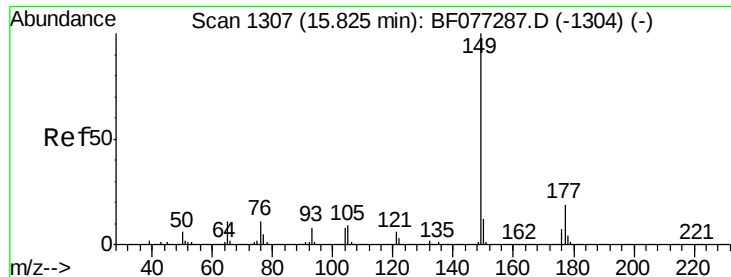
mohammad
2/13/2015 5:40:19 PM



#58
2,3,4,6-Tetrachlorophenol
Concen: 48.82 ng
RT: 15.40 min Scan# 1270
Delta R.T. 0.00 min
Lab File: BF077293.D
Acq: 12 Feb 2015 20:34

Tgt Ion	Ratio	Lower	Upper
232	100		
131	63.9	0.0	0.0#
130	1.9	0.0	0.0#
166	42.6	0.0	0.0#





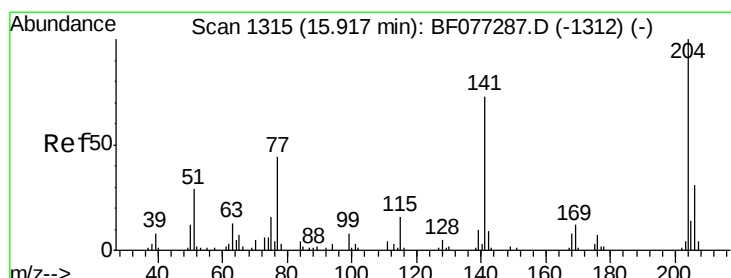
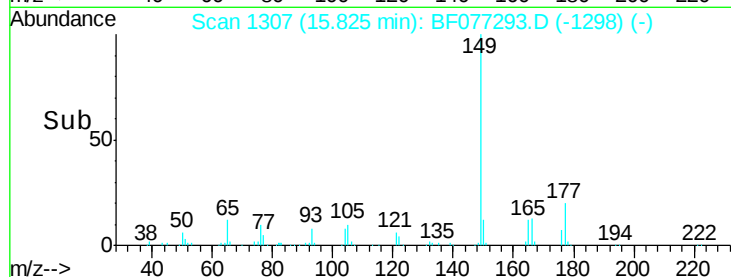
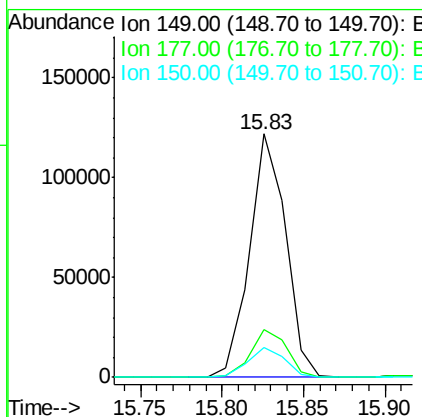
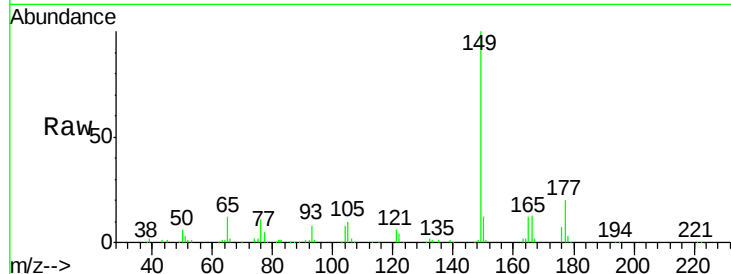
#59
Diethylphthalate
Concen: 47.85 ng
RT: 15.83 min Scan# 1307
Delta R.T. 0.00 min
Lab File: BF077293.D
Acq: 12 Feb 2015 20:34

Instrument :
BNA_F
ClientSampleId :
PB81726BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	187466		
177	19.8	15.0	22.4	
150	12.1	9.4	14.2	

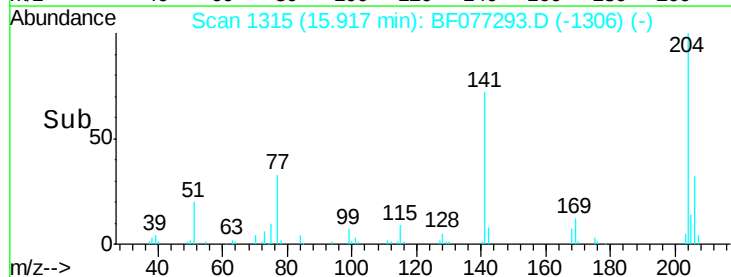
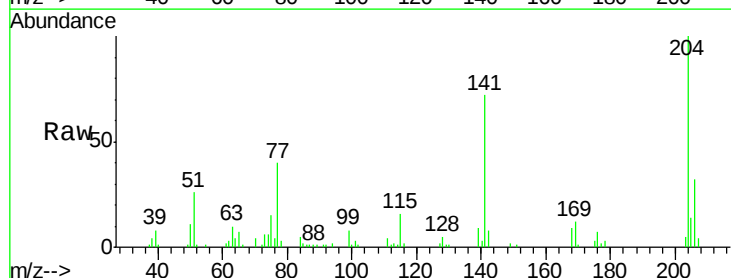
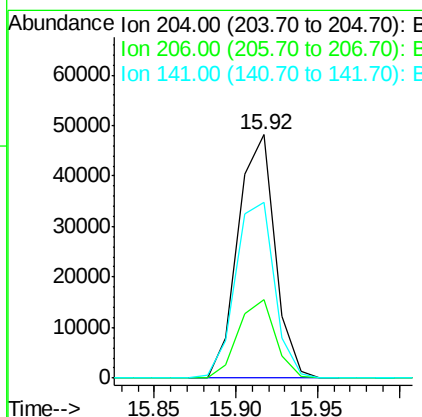
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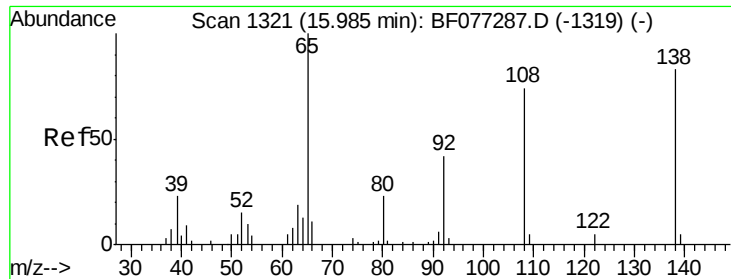
mohammad
2/13/2015 5:40:19 PM



#60
4-Chlorophenyl-phenylether
Concen: 48.97 ng
RT: 15.92 min Scan# 1315
Delta R.T. 0.00 min
Lab File: BF077293.D
Acq: 12 Feb 2015 20:34

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	75414		
206	32.1	25.0	37.6	
141	72.0	58.6	87.8	





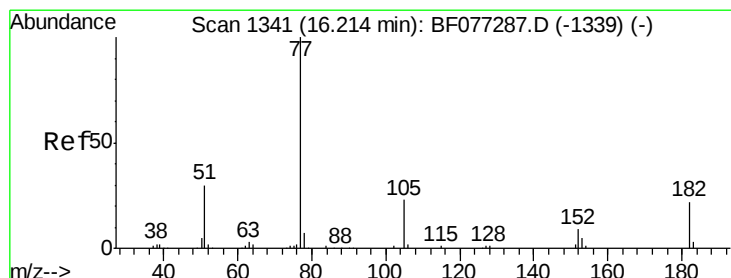
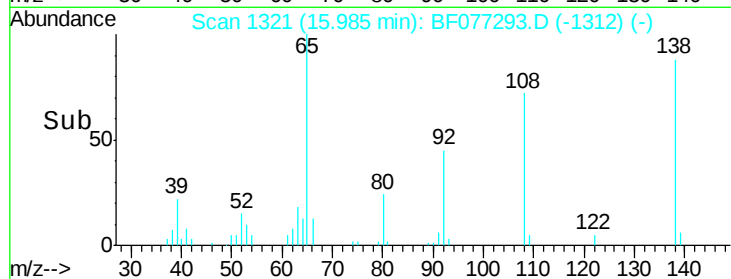
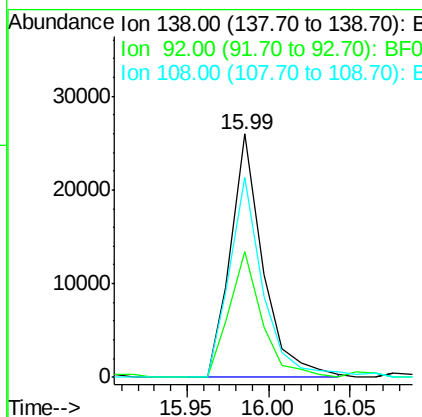
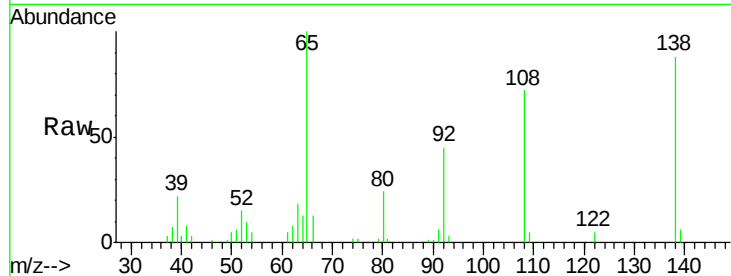
#61
4-Nitroaniline
Concen: 43.28 ng
RT: 15.99 min Scan# 1321
Delta R.T. 0.00 min
Lab File: BF077293.D
Acq: 12 Feb 2015 20:34

Instrument :
BNA_F
ClientSampleId :
PB81726BS

Tot Ion	Ratio	Lower	Upper
138	100		
92	51.7	30.7	70.7
108	81.9	69.7	109.7

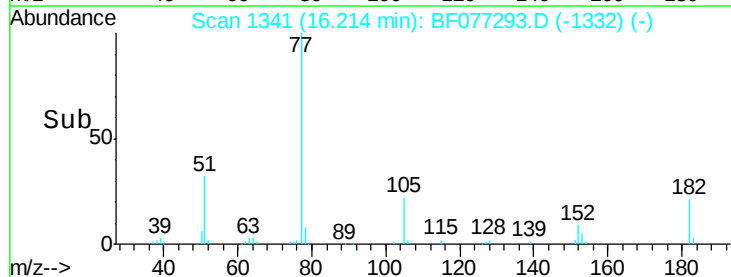
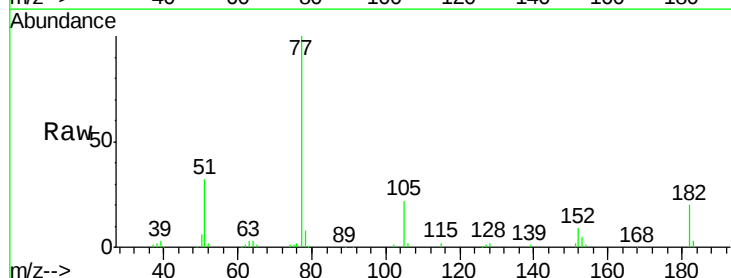
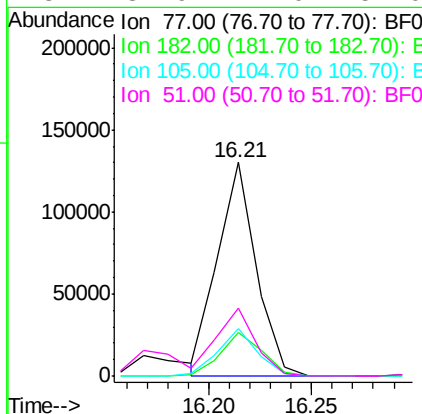
Manual Integrations
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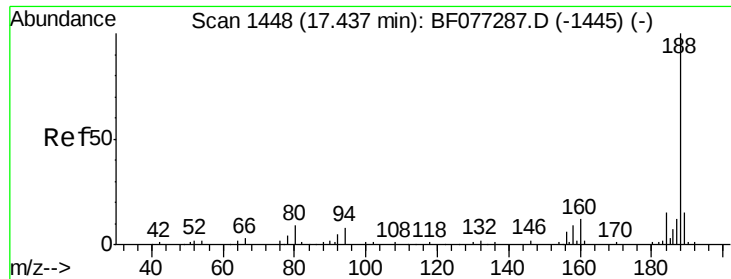
mohammad
2/13/2015 5:40:19 PM



#62
Azobenzene
Concen: 45.35 ng m
RT: 16.21 min Scan# 1341
Delta R.T. 0.00 min
Lab File: BF077293.D
Acq: 12 Feb 2015 20:34

Tgt Ion	Ratio	Lower	Upper
77	100		
182	20.4	0.9	40.9
105	22.2	2.2	42.2
51	31.9	12.0	52.0





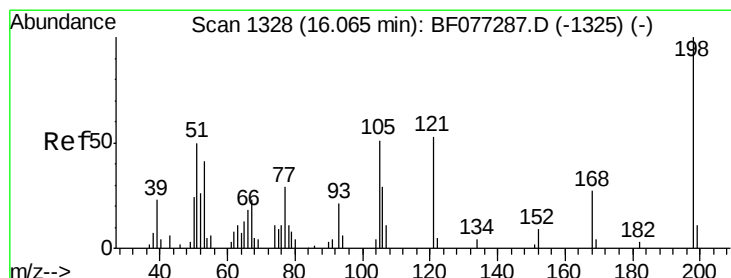
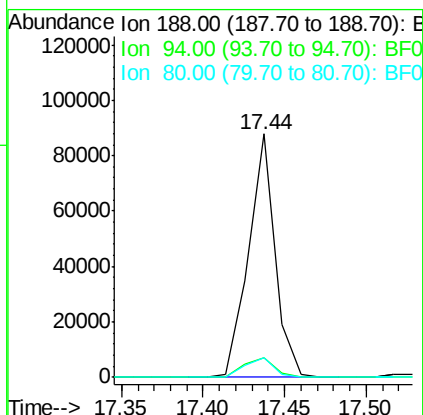
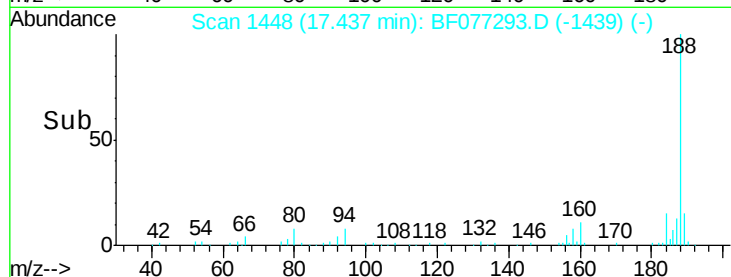
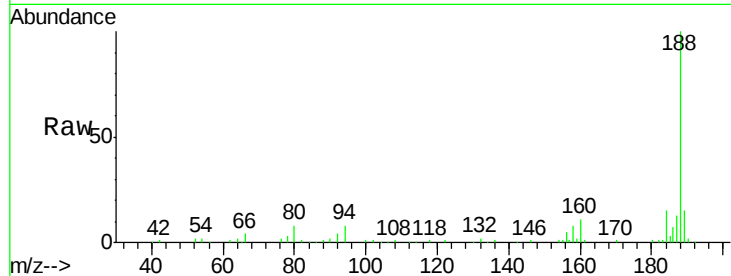
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 17.44 min Scan# 1448
 Delta R.T. 0.00 min
 Lab File: BF077293.D
 Acq: 12 Feb 2015 20:34

Instrument :
 BNA_F
 ClientSampleId :
 PB81726BS

Tot Ion:	188	Resp:	98606
Ion Ratio	Lower	Upper	
188	100		
94	8.2	6.5	9.7
80	8.2	7.1	10.7

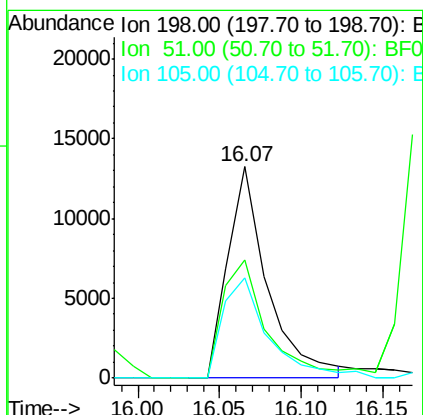
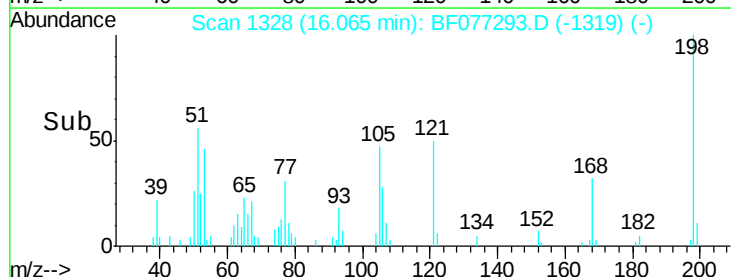
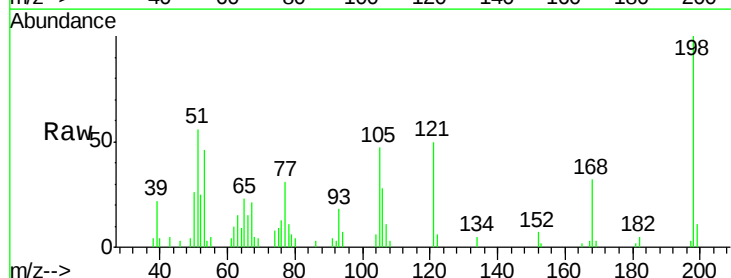
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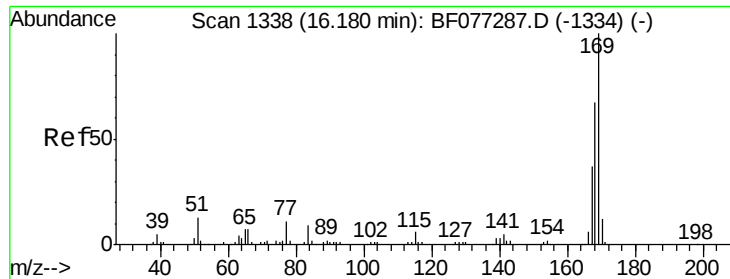
mohammad
 2/13/2015 5:40:19 PM



#64
 4,6-Dinitro-2-methylphenol
 Concen: 40.41 ng
 RT: 16.07 min Scan# 1328
 Delta R.T. 0.00 min
 Lab File: BF077293.D
 Acq: 12 Feb 2015 20:34

Tgt Ion:	198	Resp:	22386
Ion Ratio	Lower	Upper	
198	100		
51	55.8	33.8	73.8
105	47.4	30.9	70.9





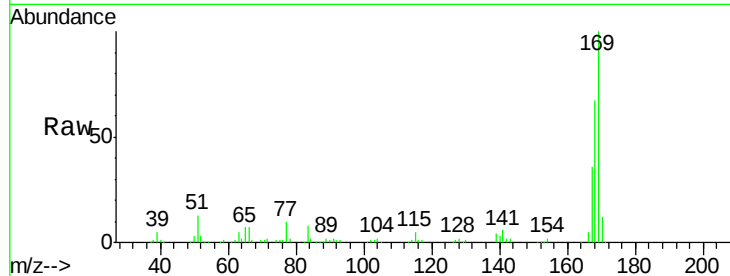
#65
 n-Nitrosodiphenylamine
 Concen: 41.99 ng
 RT: 16.18 min Scan# 1338
 Delta R.T. 0.00 min
 Lab File: BF077293.D
 Acq: 12 Feb 2015 20:34

Instrument :
 BNA_F
 ClientSampleId :
 PB81726BS

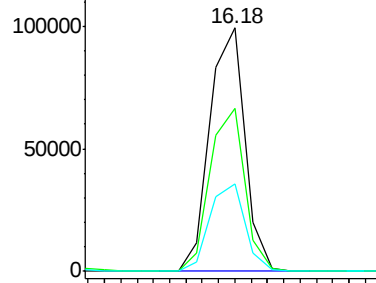
Tot Ion	Ratio	Resp	Lower	Upper
169	100	147695		
168	67.2	53.9	80.9	
167	35.8	29.6	44.4	

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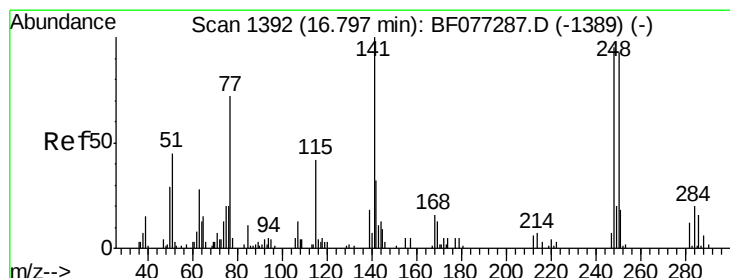
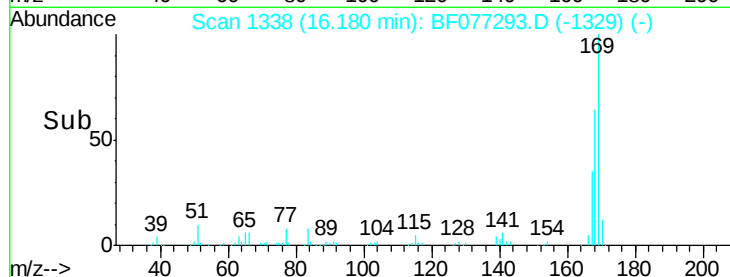
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Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

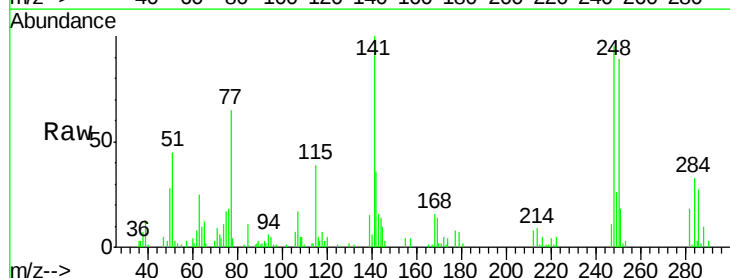


Time-->

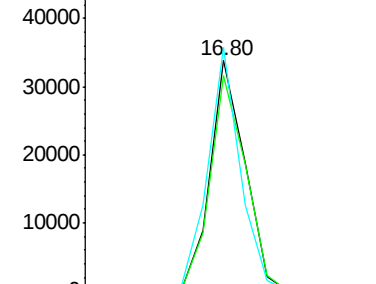


#66
 4-Bromophenyl-phenylether
 Concen: 42.26 ng
 RT: 16.80 min Scan# 1392
 Delta R.T. 0.00 min
 Lab File: BF077293.D
 Acq: 12 Feb 2015 20:34

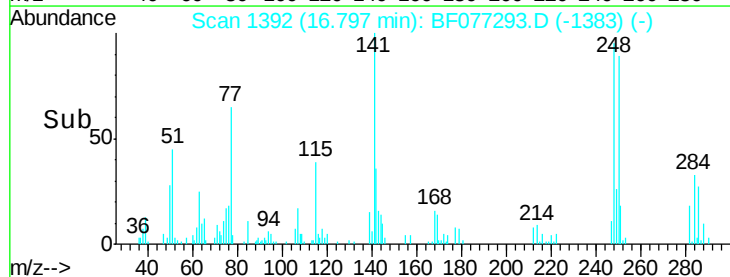
Tgt Ion	Ratio	Resp	Lower	Upper
248	100	43548		
250	93.7	77.8	116.8	
141	105.7	83.8	125.6	

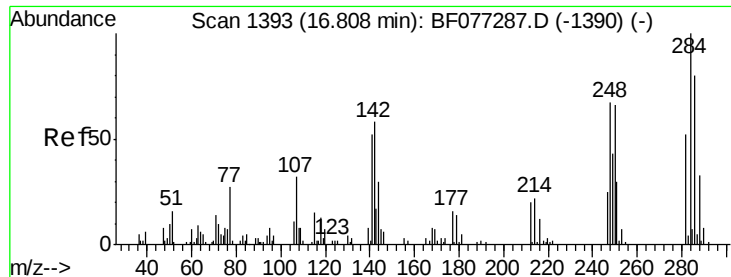


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E



Time-->





#67

Hexachlorobenzene

Concen: 42.28 ng

RT: 16.81 min Scan# 1393

Delta R.T. 0.00 min

Lab File: BF077293.D

Acq: 12 Feb 2015 20:34

Instrument :

BNA_F

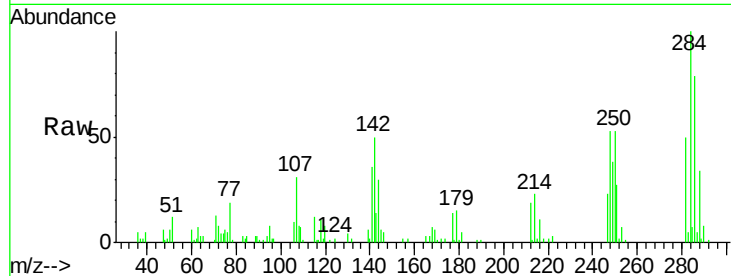
ClientSampleId :

PB81726BS

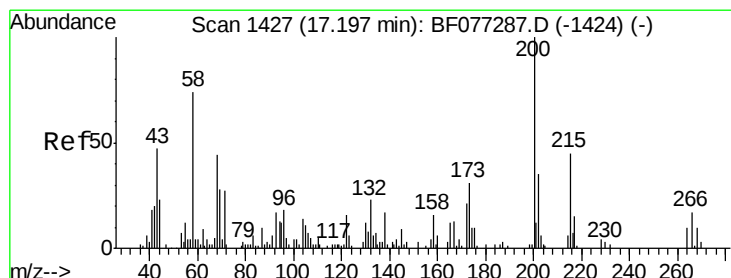
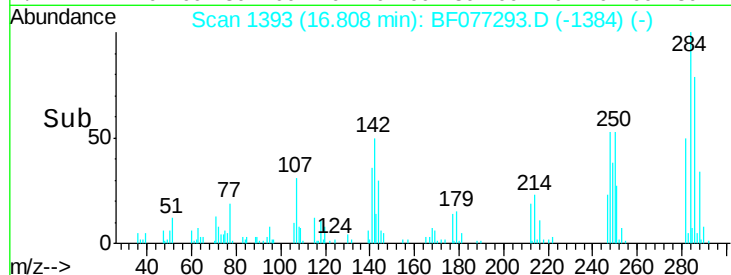
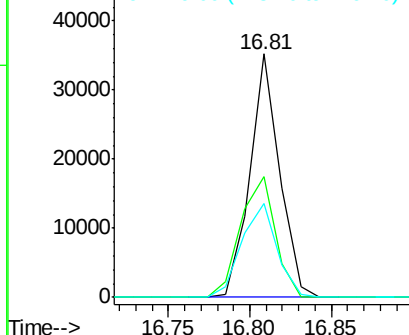
Tot Ion:	284	Resp:	44365
Ion Ratio	Lower	Upper	
284	100		
142	49.6	46.2	69.4
249	38.5	34.5	51.7

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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: 42.45 ng

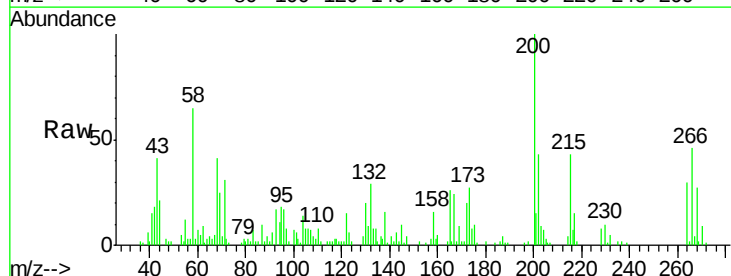
RT: 17.20 min Scan# 1427

Delta R.T. 0.00 min

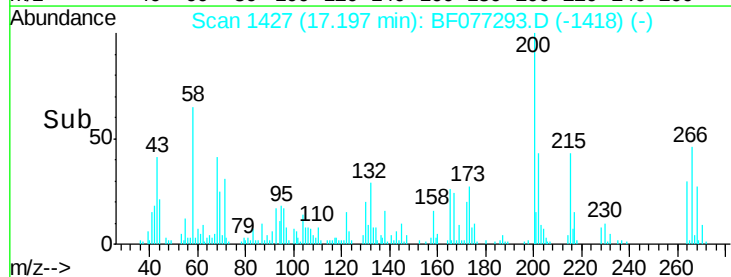
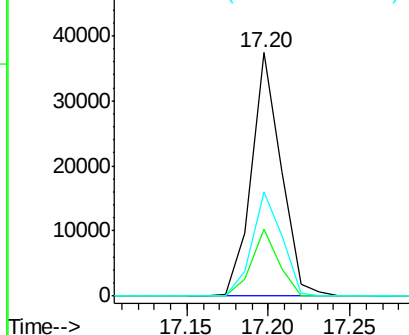
Lab File: BF077293.D

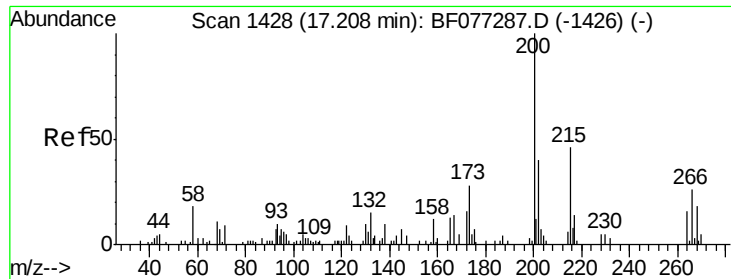
Acq: 12 Feb 2015 20:34

Tgt Ion:	200	Resp:	47293
Ion Ratio	Lower	Upper	
200	100		
173	27.3	11.3	51.3
215	42.7	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





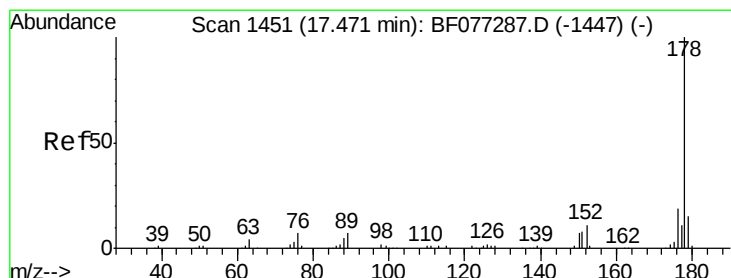
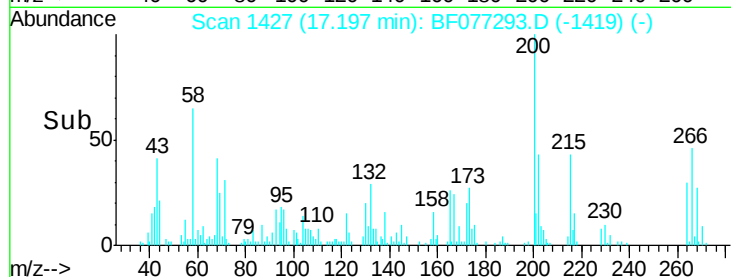
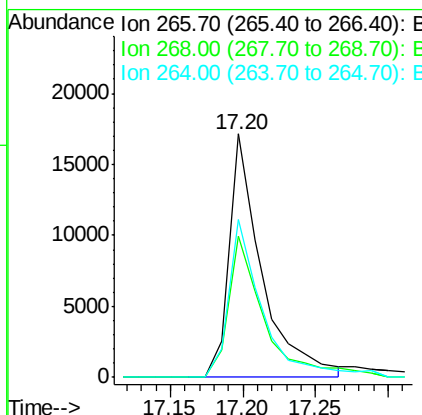
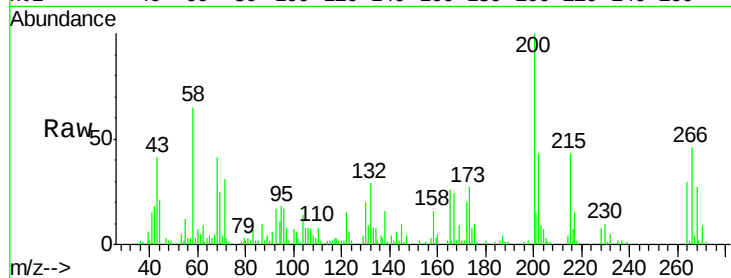
#69
 Pentachlorophenol
 Concen: 82.21 ng
 RT: 17.20 min Scan# 1427
 Delta R.T. -0.01 min
 Lab File: BF077293.D
 Acq: 12 Feb 2015 20:34

Instrument :
 BNA_F
 ClientSampleId :
 PB81726BS

Tot Ion	Ratio	Resp	Lower	Upper
266	100	26946		
268	58.3		55.0	82.6
264	64.6		49.5	74.3

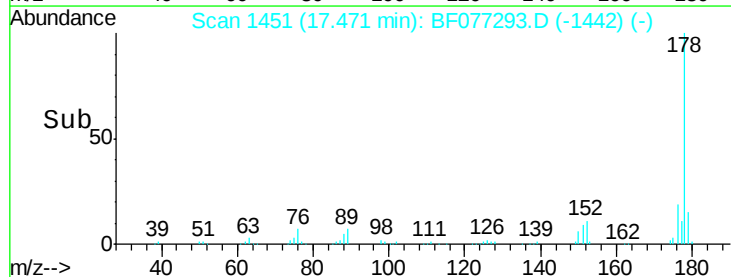
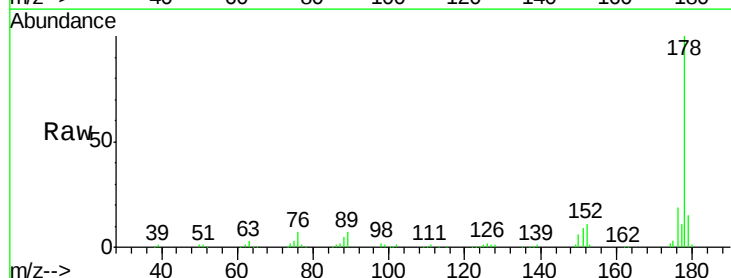
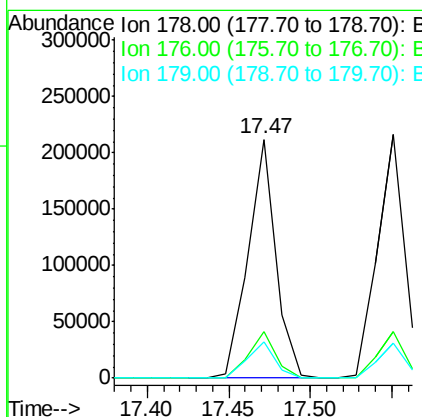
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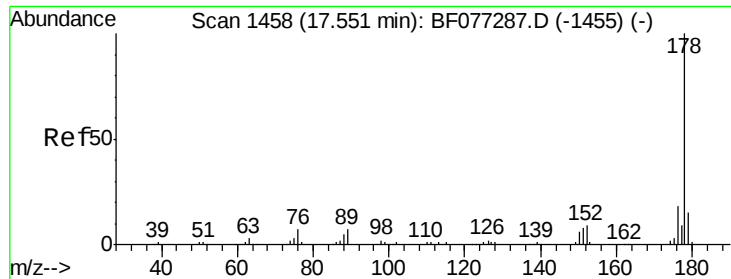
mohammad
 2/13/2015 5:40:19 PM



#70
 Phenanthrene
 Concen: 41.94 ng
 RT: 17.47 min Scan# 1451
 Delta R.T. 0.00 min
 Lab File: BF077293.D
 Acq: 12 Feb 2015 20:34

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	249417		
176	19.4		15.2	22.8
179	15.3		12.1	18.1





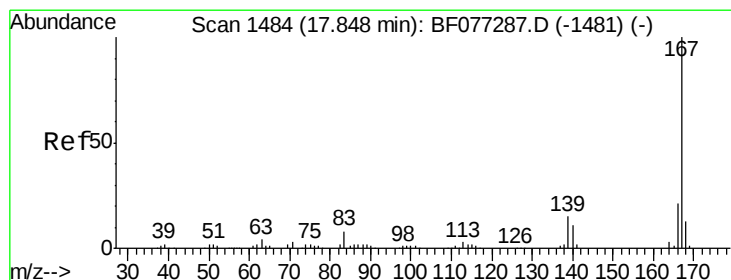
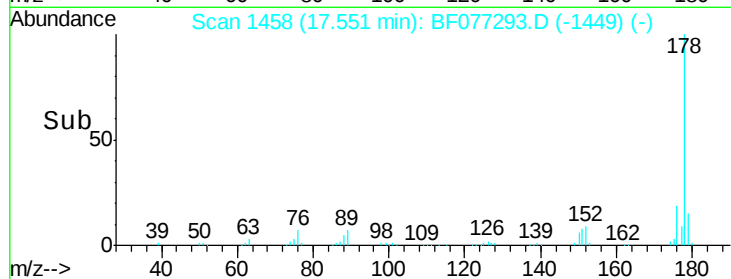
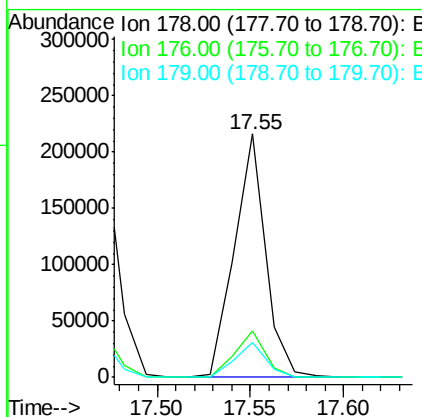
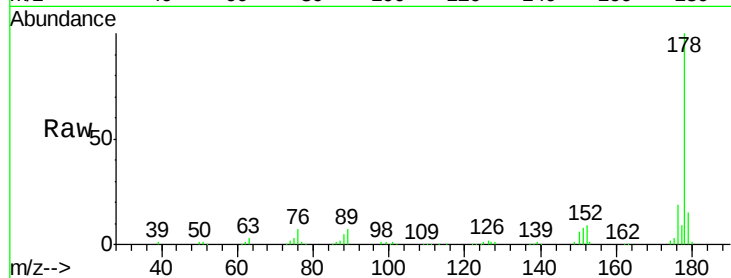
#71
 Anthracene
 Concen: 42.64 ng
 RT: 17.55 min Scan# 1458
 Delta R.T. 0.00 min
 Lab File: BF077293.D
 Acq: 12 Feb 2015 20:34

Instrument :
 BNA_F
 ClientSampleId :
 PB81726BS

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.2	14.6	22.0
179	14.5	12.1	18.1

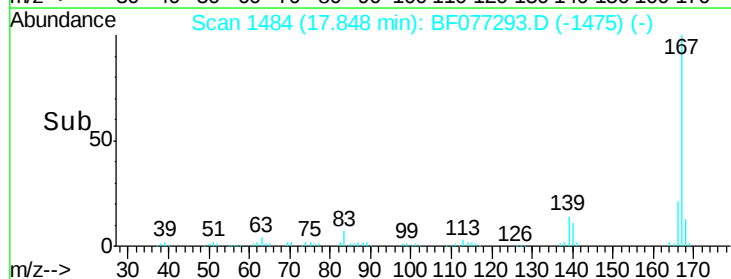
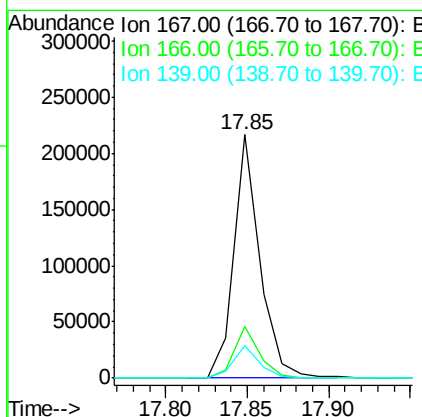
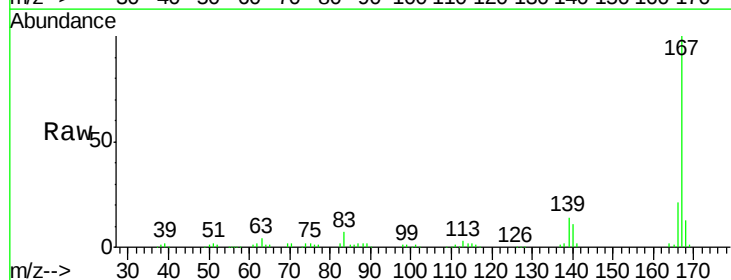
Manual Integrations
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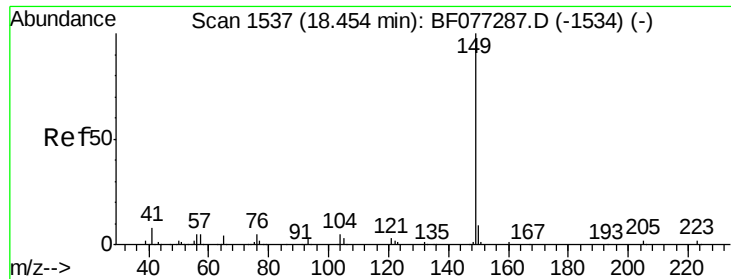
mohammad
 2/13/2015 5:40:19 PM



#72
 Carbazole
 Concen: 41.65 ng
 RT: 17.85 min Scan# 1484
 Delta R.T. 0.00 min
 Lab File: BF077293.D
 Acq: 12 Feb 2015 20:34

Tgt Ion	Ratio	Lower	Upper
167	100		
166	21.1	17.0	25.6
139	13.5	11.7	17.5





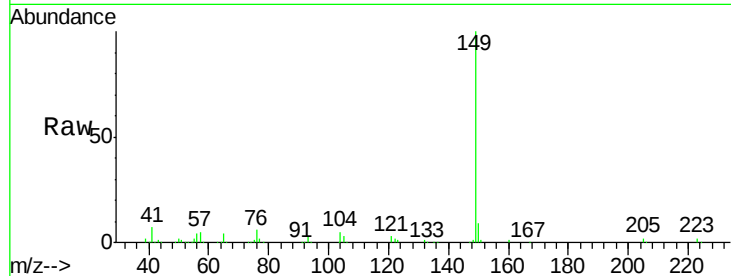
#73
Di-n-butylphthalate
Concen: 44.51 ng
RT: 18.45 min Scan# 1537
Delta R.T. 0.00 min
Lab File: BF077293.D
Acq: 12 Feb 2015 20:34

Instrument :
BNA_F
ClientSampleId :
PB81726BS

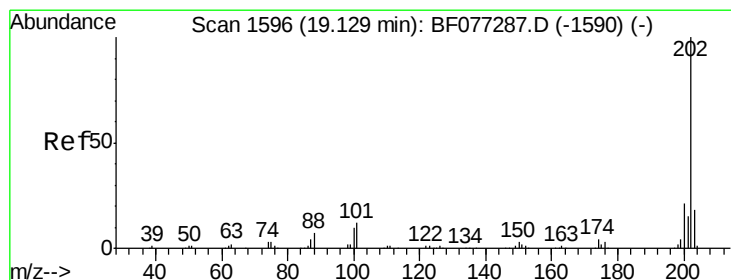
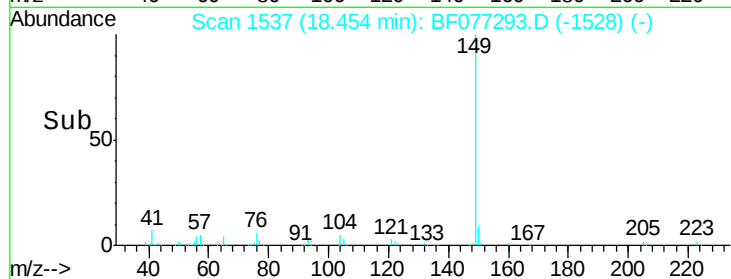
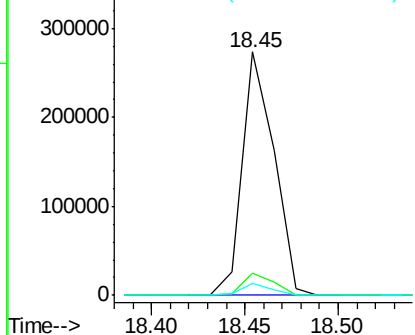
Tot Ion	Ratio	Resp	Lower	Upper
149	100	322873		
150	9.3		7.4	11.2
104	5.0		4.2	6.2

Manual Integrations
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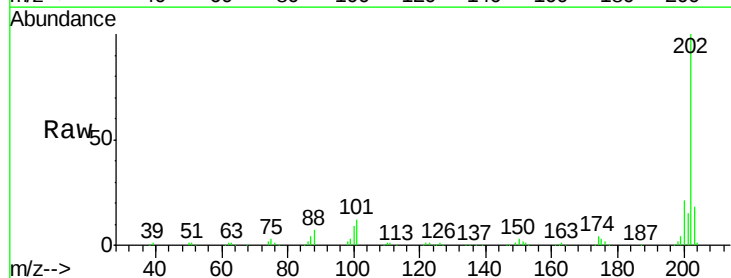


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 104.00 (103.70 to 104.70): E

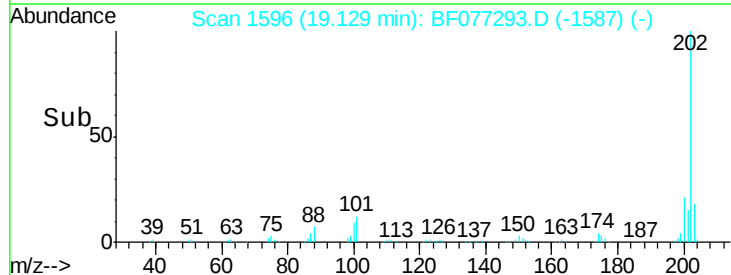
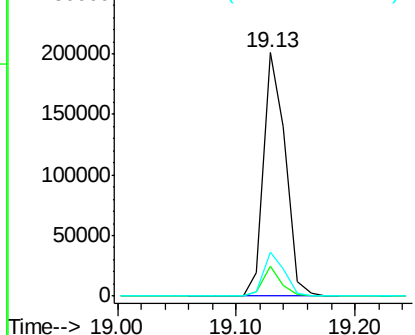


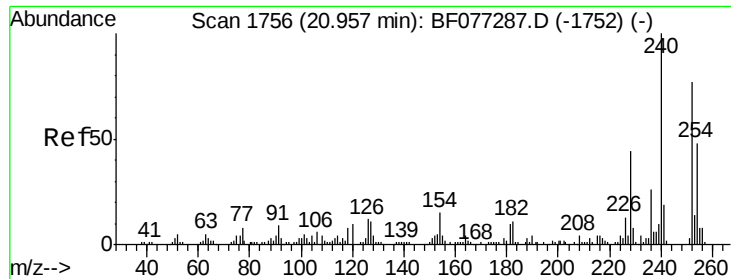
#74
Fluoranthene
Concen: 42.09 ng
RT: 19.13 min Scan# 1596
Delta R.T. 0.00 min
Lab File: BF077293.D
Acq: 12 Feb 2015 20:34

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	257855		
101	12.1		0.0	32.4
203	18.1		0.0	37.8



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





#75

Chrysene-d12

Concen: 20.00 ng

RT: 20.96 min Scan# 1756

Delta R.T. 0.00 min

Lab File: BF077293.D

Acq: 12 Feb 2015 20:34

Instrument :

BNA_F

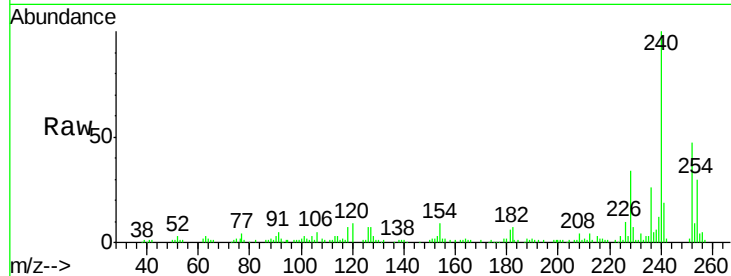
ClientSampleId :

PB81726BS

Tot Ion	Ratio	Resp	Lower	Upper
240	100	93093		
120	9.0		7.8	11.8
236	25.7		20.4	30.6

Manual Integrations
APPROVED

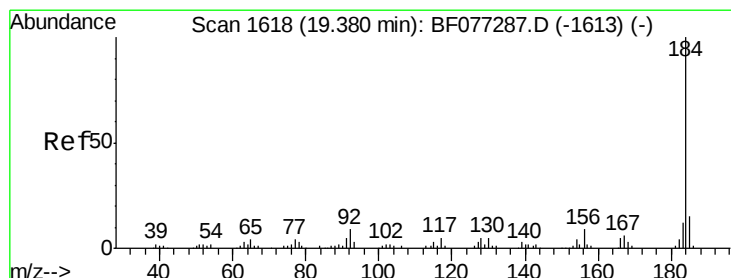
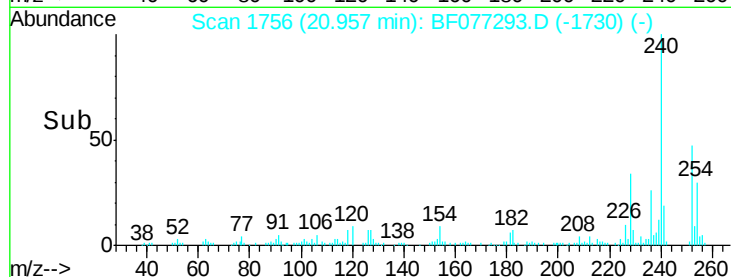
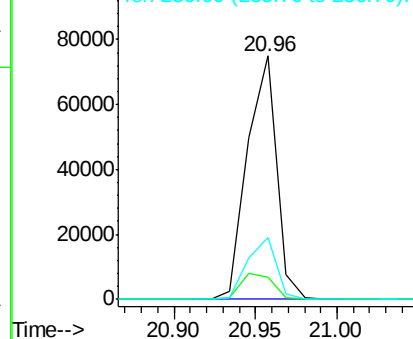
mohammad
2/13/2015 5:40:19 PM



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 30.44 ng

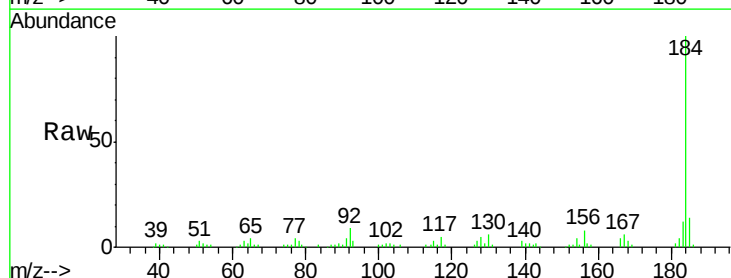
RT: 19.38 min Scan# 1618

Delta R.T. 0.00 min

Lab File: BF077293.D

Acq: 12 Feb 2015 20:34

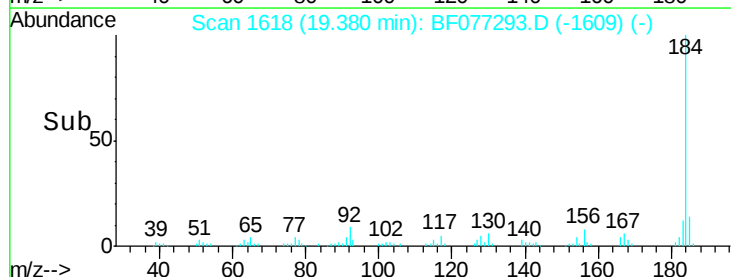
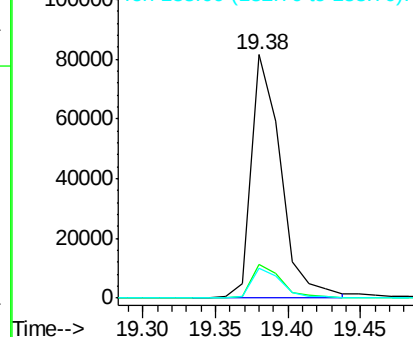
Tgt Ion	Ratio	Resp	Lower	Upper
184	100	114853		
185	13.9		11.8	17.6
183	12.1		9.3	13.9

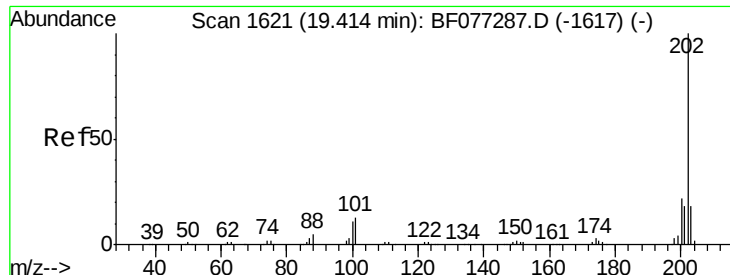


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 43.08 ng

RT: 19.41 min Scan# 1621

Delta R.T. 0.00 min

Lab File: BF077293.D

Acq: 12 Feb 2015 20:34

Instrument :

BNA_F

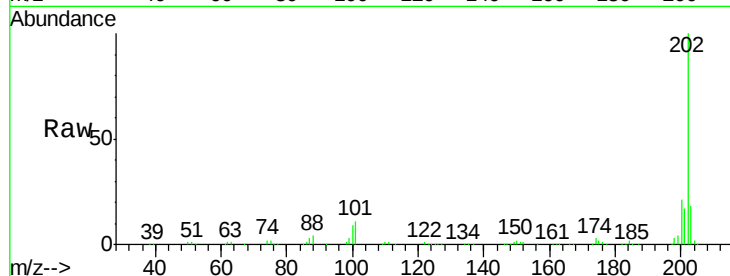
ClientSampleId :

PB81726BS

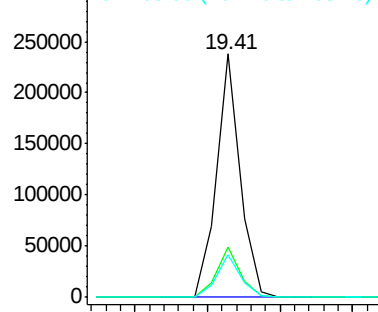
Tot Ion:	202	Resp:	267477
Ion Ratio		Lower	Upper
202	100		
200	20.9	17.4	26.0
203	17.7	14.1	21.1

Manual Integrations
APPROVED

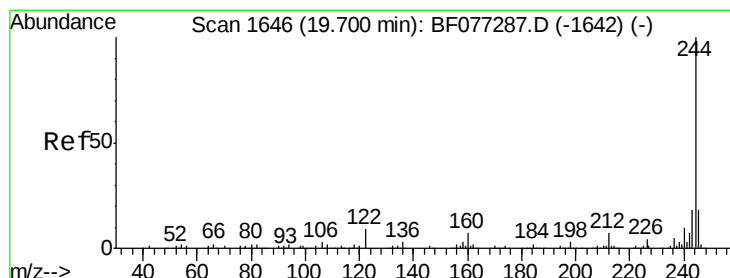
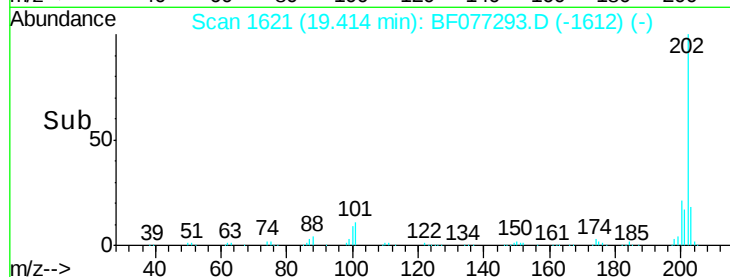
mohammad
2/13/2015 5:40:19 PM



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E



Time-->



#78

Terphenyl-d14

Concen: 87.88 ng

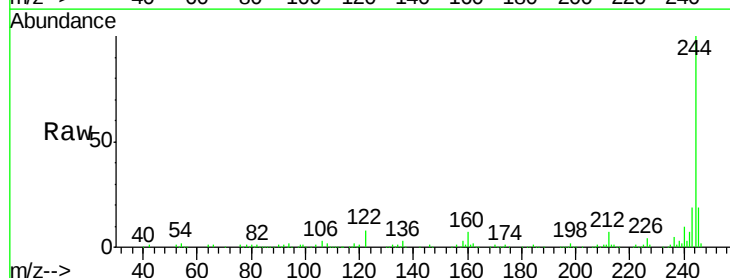
RT: 19.70 min Scan# 1646

Delta R.T. 0.00 min

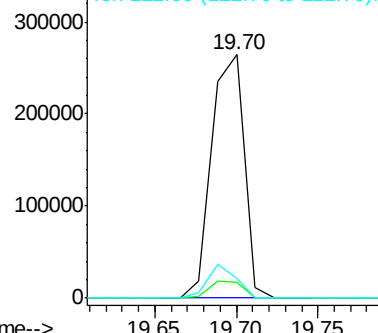
Lab File: BF077293.D

Acq: 12 Feb 2015 20:34

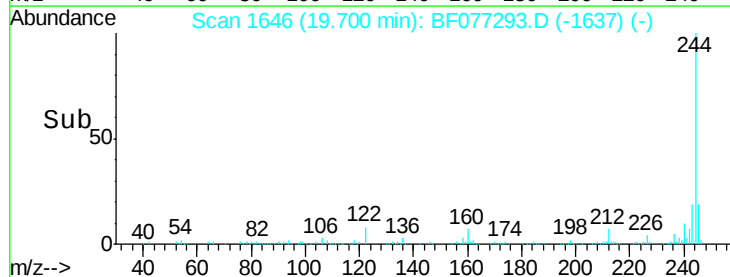
Tgt Ion:	244	Resp:	364204
Ion Ratio		Lower	Upper
244	100		
212	6.7	5.6	8.4
122	8.0	7.0	10.4

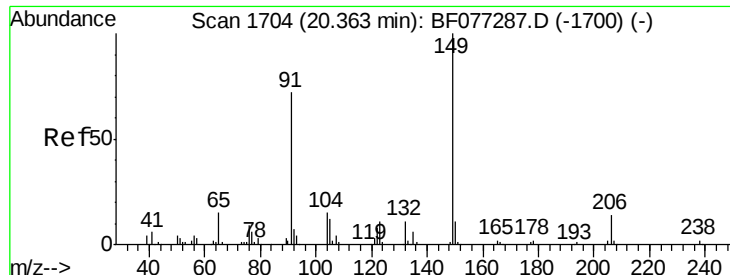


Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E



Time-->





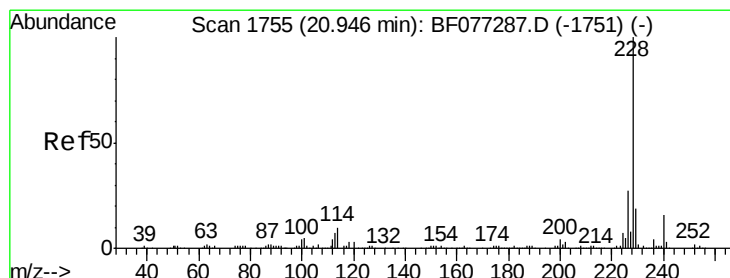
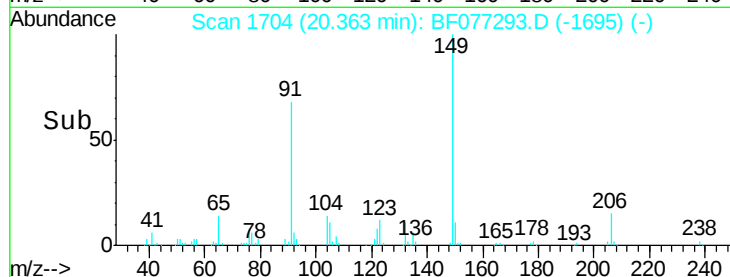
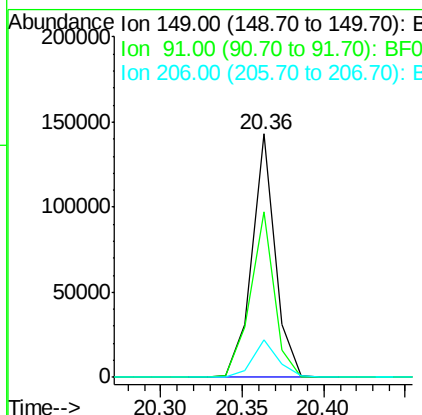
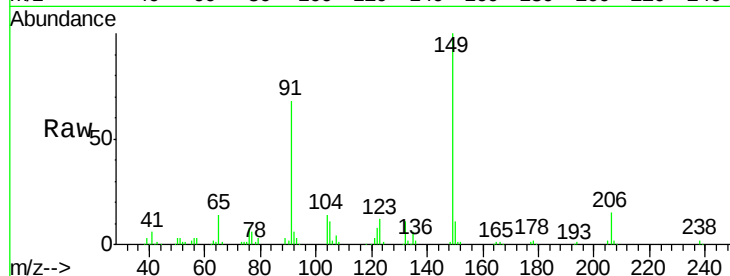
#79
Butylbenzylphthalate
Concen: 45.03 ng
RT: 20.36 min Scan# 1704
Delta R.T. 0.00 min
Lab File: BF077293.D
Acq: 12 Feb 2015 20:34

Instrument :
BNA_F
ClientSampleId :
PB81726BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	141570		
91	68.0	57.3	85.9	
206	15.2	11.6	17.4	

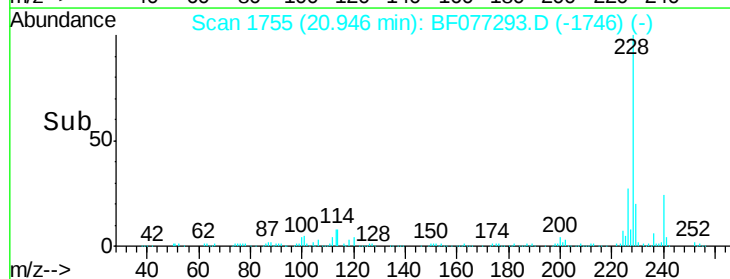
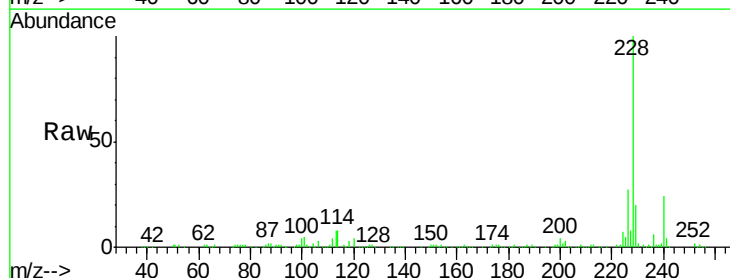
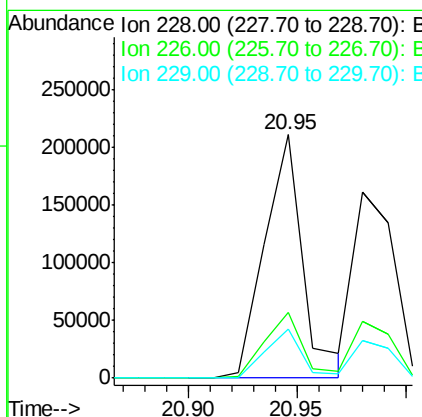
Manual Integrations
APPROVED

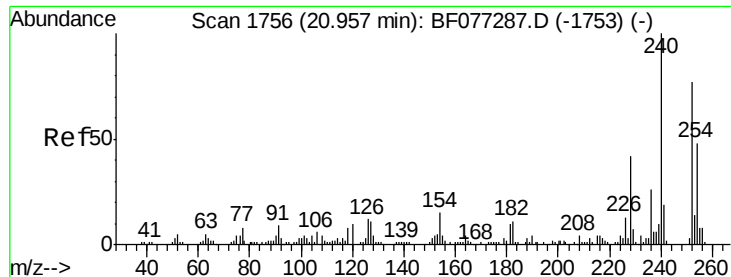
mohammad
2/13/2015 5:40:19 PM



#80
Benzo(a)anthracene
Concen: 45.19 ng
RT: 20.95 min Scan# 1755
Delta R.T. 0.00 min
Lab File: BF077293.D
Acq: 12 Feb 2015 20:34

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	258944		
226	27.2	21.4	32.2	
229	20.0	15.5	23.3	





#81

3,3'-Dichlorobenzidine

Concen: 20.62 ng

RT: 20.96 min Scan# 1756

Delta R.T. 0.00 min

Lab File: BF077293.D

Acq: 12 Feb 2015 20:34

Instrument :

BNA_F

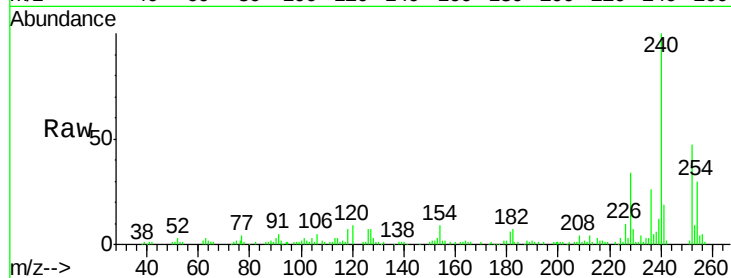
ClientSampleId :

PB81726BS

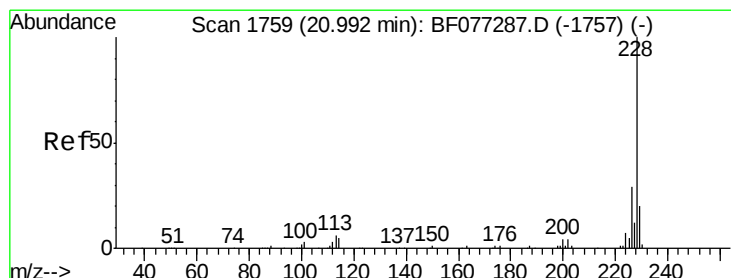
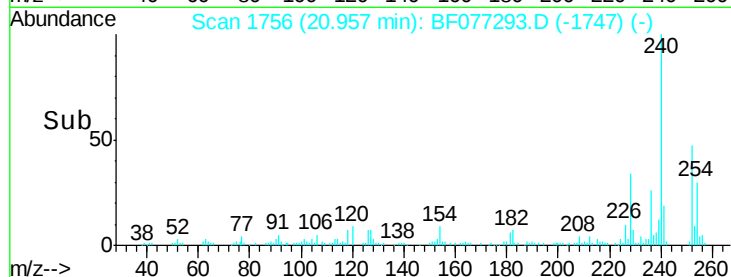
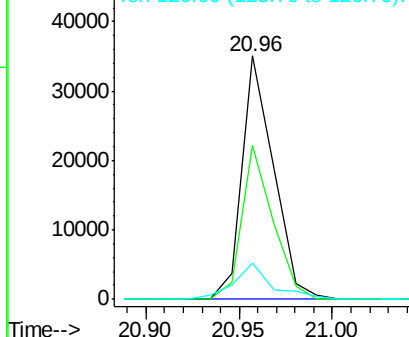
Tot Ion:	252	Resp:	41425
Ion Ratio	Lower	Upper	
252	100		
254	63.3	49.5	74.3
126	14.8	12.6	19.0

Manual Integrations
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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: 40.56 ng

RT: 20.98 min Scan# 1758

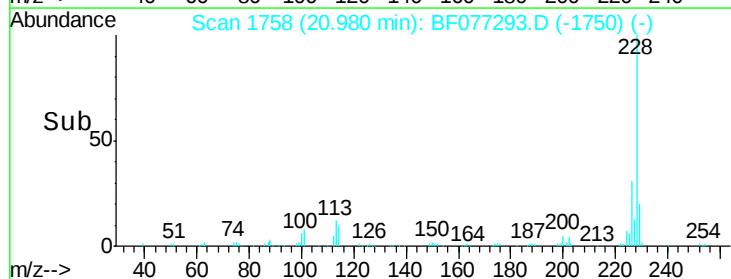
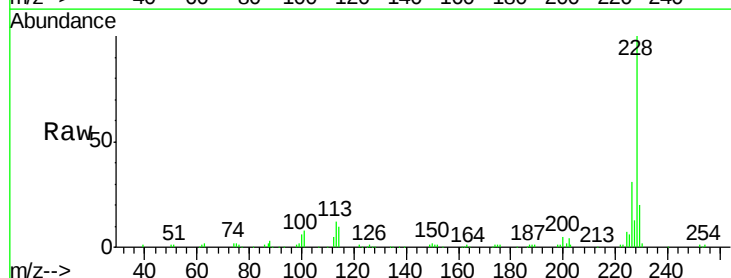
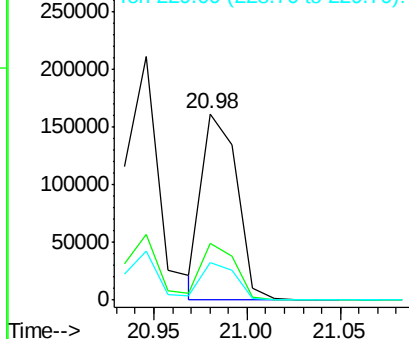
Delta R.T. -0.01 min

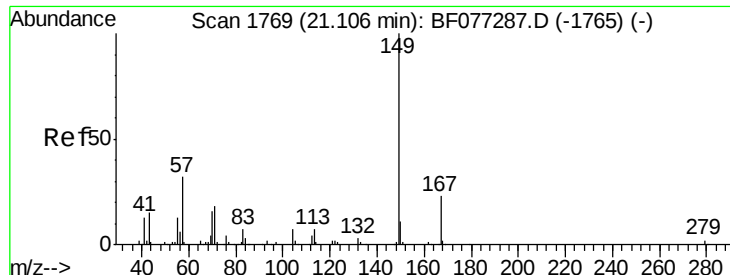
Lab File: BF077293.D

Acq: 12 Feb 2015 20:34

Tgt Ion:	228	Resp:	210589
Ion Ratio	Lower	Upper	
228	100		
226	30.8	24.3	36.5
229	20.2	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





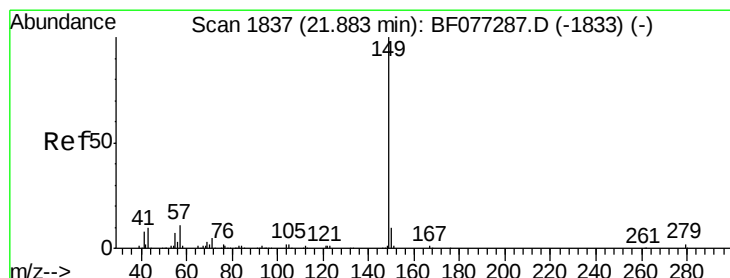
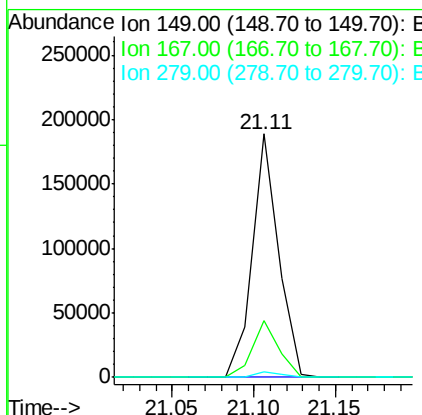
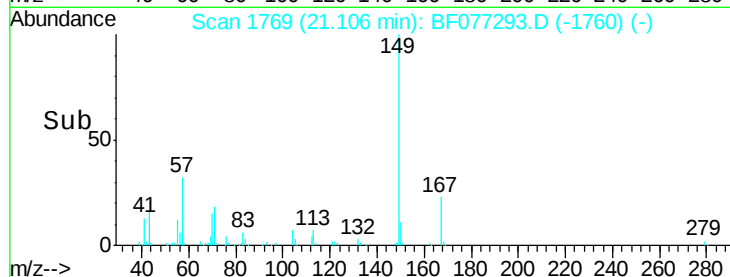
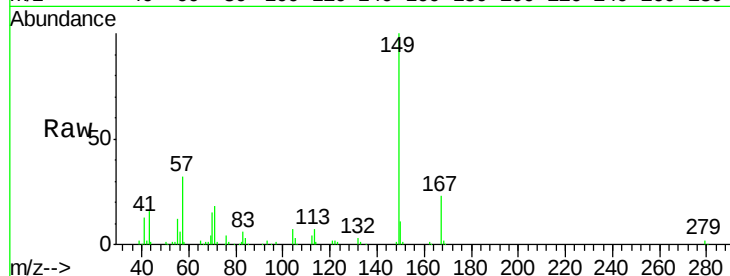
#83
Bis(2-ethylhexyl)phthalate
Concen: 45.26 ng
RT: 21.11 min Scan# 1769
Delta R.T. 0.00 min
Lab File: BF077293.D
Acq: 12 Feb 2015 20:34

Instrument :
BNA_F
ClientSampleId :
PB81726BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
149	100		211712		
167	23.1		18.6	28.0	
279	2.2		1.5	2.3	

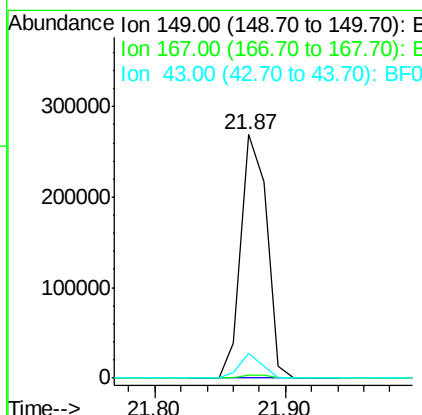
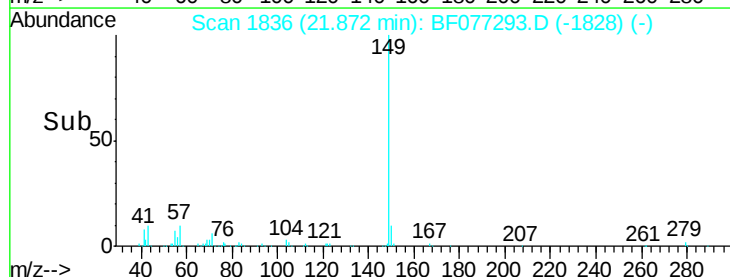
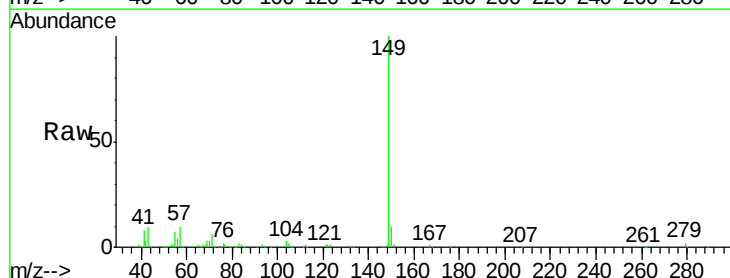
Manual Integrations
APPROVED

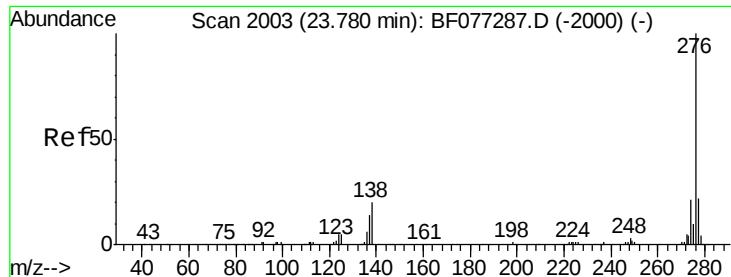
mohammad
2/13/2015 5:40:19 PM



#84
Di-n-octyl phthalate
Concen: 46.10 ng
RT: 21.87 min Scan# 1836
Delta R.T. -0.01 min
Lab File: BF077293.D
Acq: 12 Feb 2015 20:34

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
149	100		370824		
167	1.4		1.1	1.7	
43	8.9		7.3	10.9	





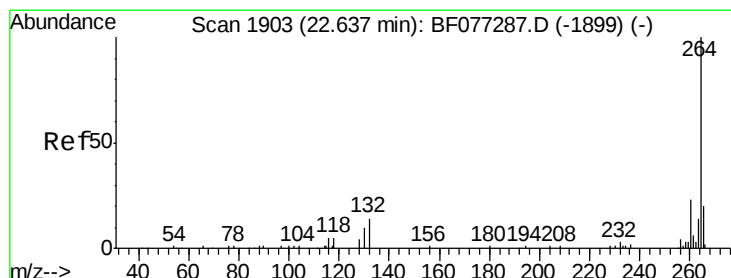
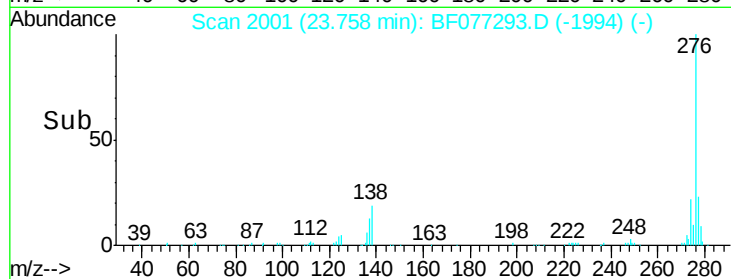
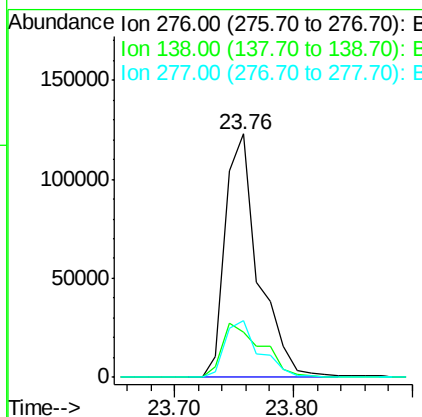
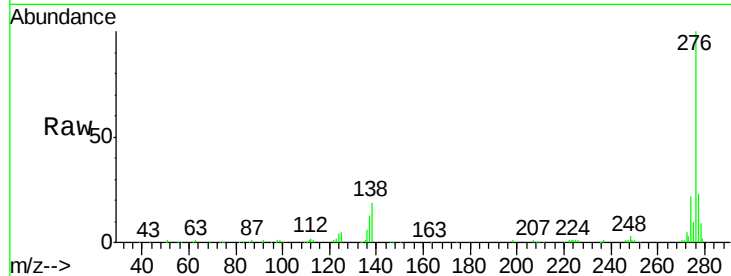
#85
Indeno(1,2,3-cd)pyrene
Concen: 47.20 ng
RT: 23.76 min Scan# 2001
Delta R.T. -0.02 min
Lab File: BF077293.D
Acq: 12 Feb 2015 20:34

Instrument :
BNA_F
ClientSampleId :
PB81726BS

Tot Ion	Ratio	Resp Lower	Upper
276	100		
138	26.9	0.0	0.0#
277	24.6	0.0	0.0#

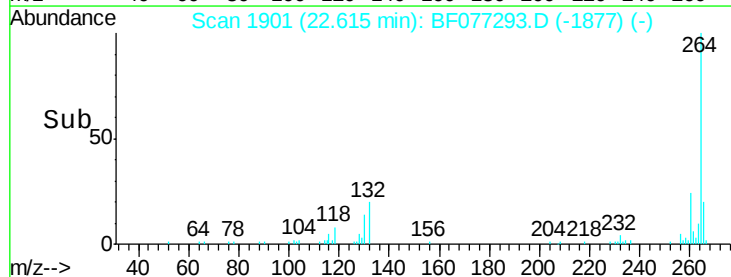
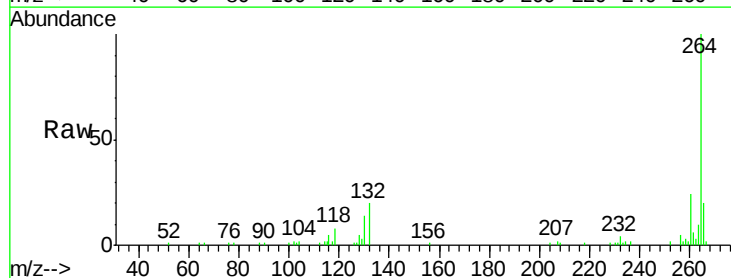
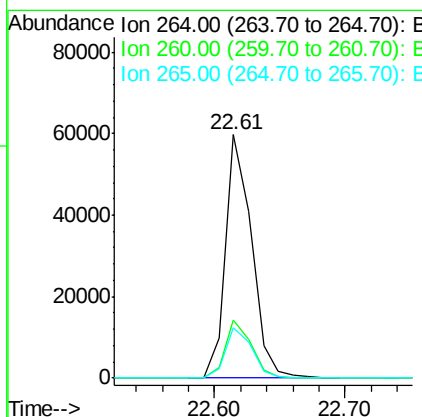
Manual Integrations
APPROVED

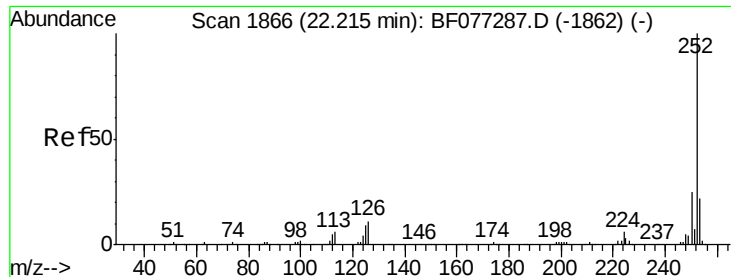
mohammad
2/13/2015 5:40:19 PM



#86
Perylene-d12
Concen: 20.00 ng
RT: 22.61 min Scan# 1901
Delta R.T. -0.02 min
Lab File: BF077293.D
Acq: 12 Feb 2015 20:34

Tgt Ion	Ratio	Resp Lower	Upper
264	100		
260	23.7	18.6	27.8
265	20.4	16.2	24.2





#87

Benzo(b)fluoranthene

Concen: 39.63 ng

RT: 22.20 min Scan# 1865

Delta R.T. -0.01 min

Lab File: BF077293.D

Acq: 12 Feb 2015 20:34

Instrument :

BNA_F

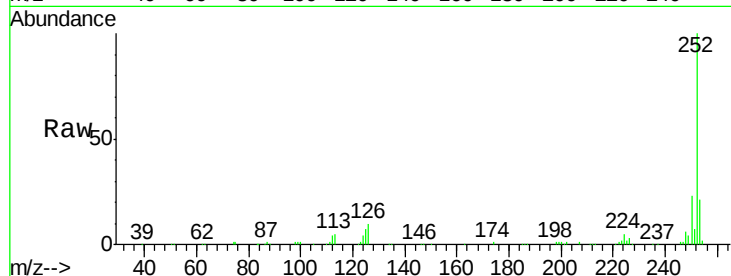
ClientSampleId :

PB81726BS

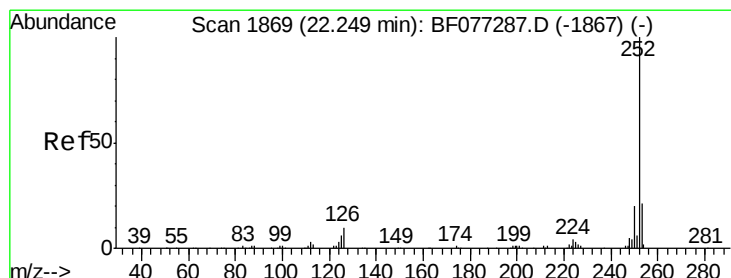
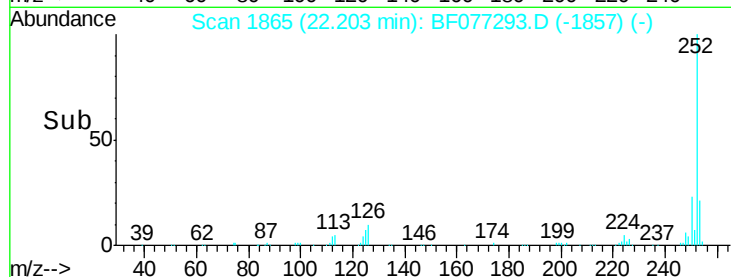
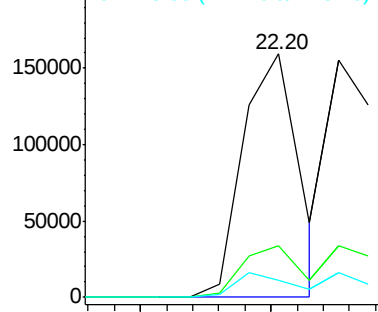
Tot Ion	Ratio	Lower	Upper
252	100		
253	21.3	17.4	26.2
125	7.3	7.1	10.7

Manual Integrations
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2/13/2015 5:40:19 PM



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 46.67 ng m

RT: 22.23 min Scan# 1867

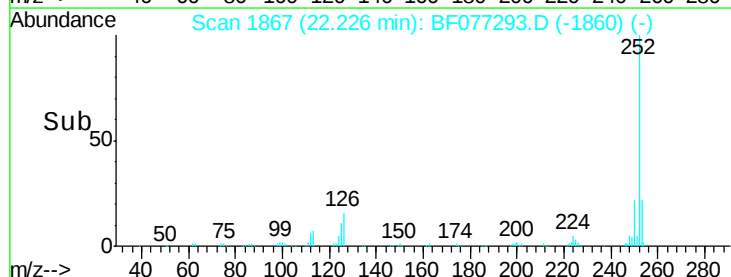
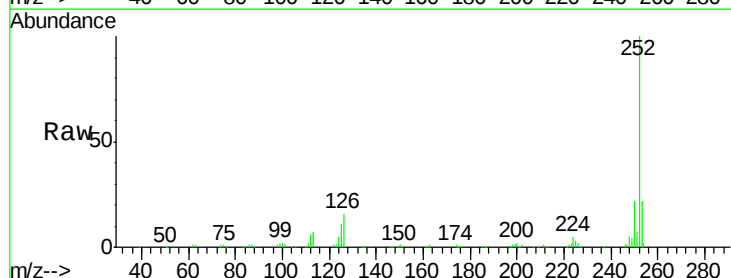
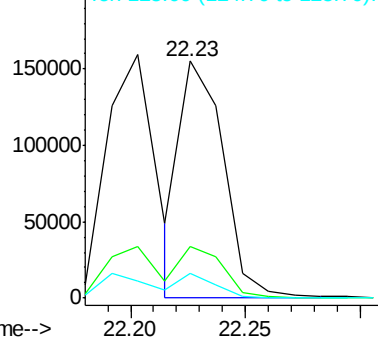
Delta R.T. -0.02 min

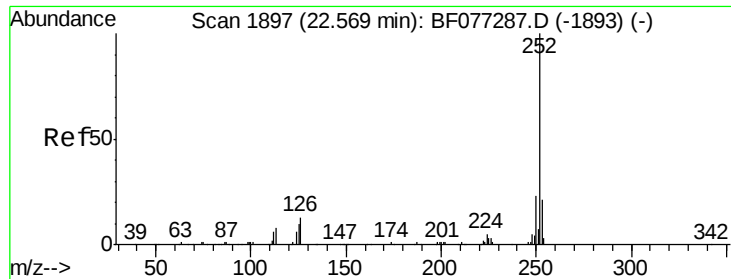
Lab File: BF077293.D

Acq: 12 Feb 2015 20:34

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.8	16.6	24.8
125	10.7	5.8	8.8#

Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





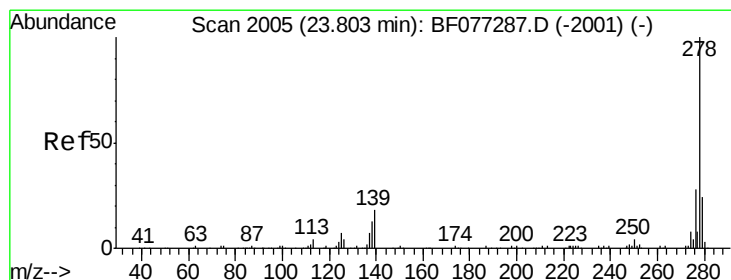
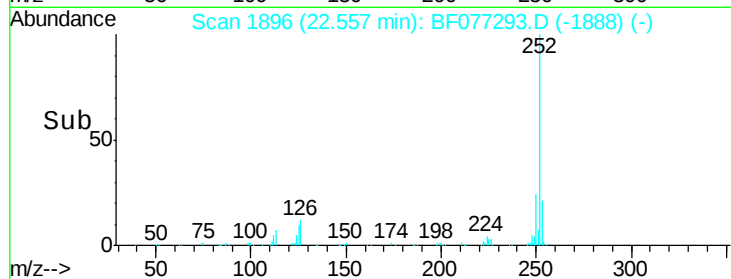
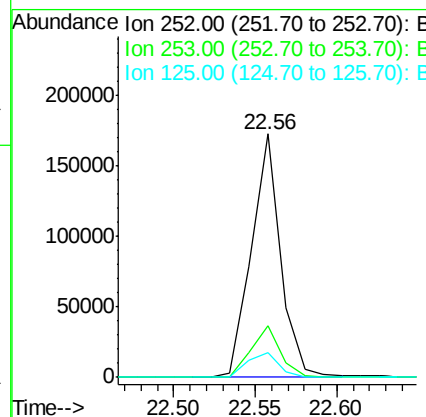
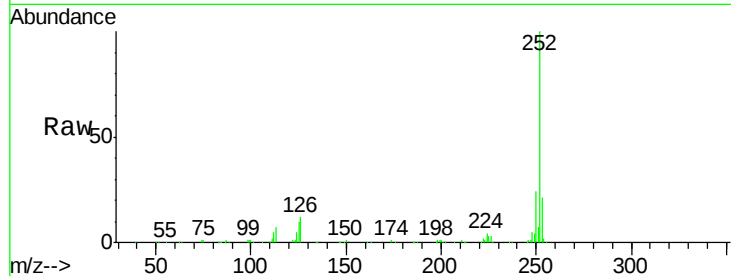
#89
Benzo(a)pyrene
Concen: 43.26 ng
RT: 22.56 min Scan# 1896
Delta R.T. -0.01 min
Lab File: BF077293.D
Acq: 12 Feb 2015 20:34

Instrument :
BNA_F
ClientSampleId :
PB81726BS

Tot Ion	Ratio	Resp	Lower	Upper
252	100	213669		
253	21.4		17.2	25.8
125	10.1		8.2	12.4

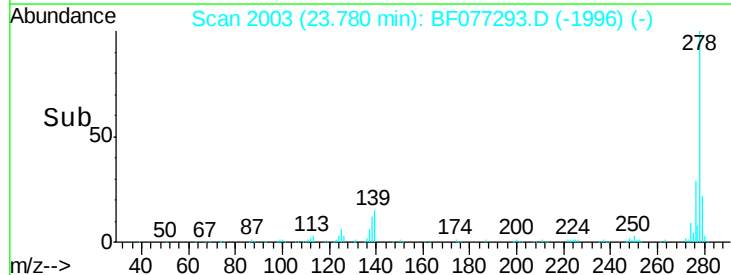
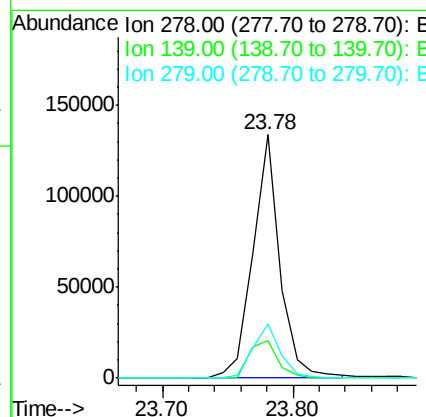
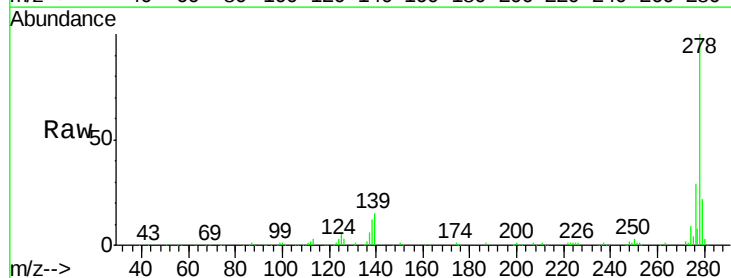
Manual Integrations
APPROVED

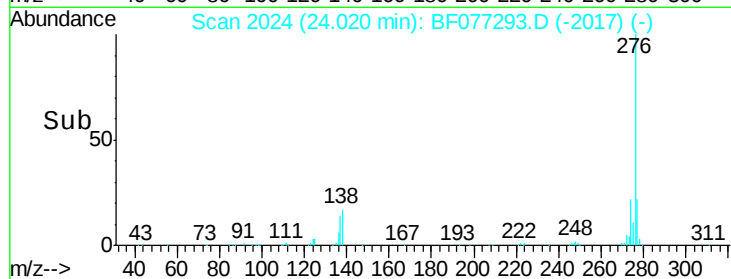
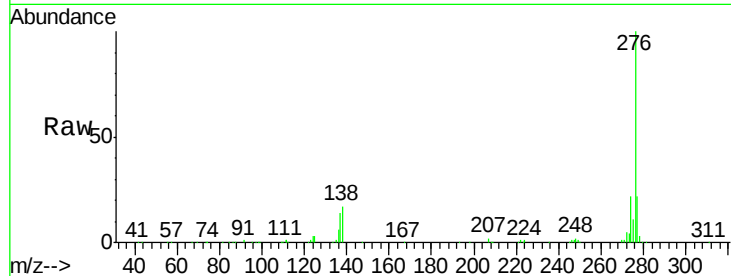
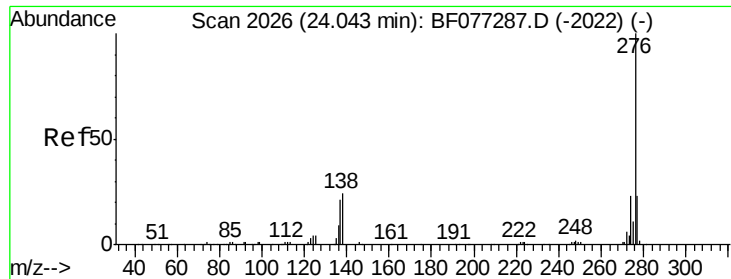
mohammad
2/13/2015 5:40:19 PM



#90
Dibenzo(a,h)anthracene
Concen: 43.95 ng
RT: 23.78 min Scan# 2003
Delta R.T. -0.02 min
Lab File: BF077293.D
Acq: 12 Feb 2015 20:34

Tgt Ion	Ratio	Resp	Lower	Upper
278	100	192769		
139	15.5		14.2	21.2
279	22.4		18.9	28.3





#91
 Benzo(a,h,i)perylene
 Concen: 44.29 ng
 RT: 24.02 min Scan# 2024
 Delta R.T. -0.02 min
 Lab File: BF077293.D
 Acq: 12 Feb 2015 20:34

Instrument :
 BNA_F
 ClientSampleId :
 PB81726BS

Tot Ion	Ratio	Resp	Lower	Upper
276	100	192216		
277	21.6	18.7	28.1	
138	17.1	19.1	28.7	

Manual Integrations
 APPROVED

mohammad
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