

Data Path : Z:\HPCHEM1\BNA F\DATA\BF020416\
 Data File : BF084835.D
 Acq On : 4 Feb 2016 18:18
 Operator : SJ/IZ
 Sample : PB88185BS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB88185BS

Manual Integrations
 APPROVED

mohammad
 2/5/2016 1:48:41 PM

Quant Time: Feb 05 02:37:46 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF020116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Feb 03 14:16:01 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.67	152	140658	20.00	ng	-0.01
21) Naphthalene-d8	7.96	136	605560	20.00	ng	-0.01
38) Acenaphthene-d10	9.71	164	276535	20.00	ng	-0.02
63) Phenanthrene-d10	11.20	188	503707	20.00	ng	-0.01
75) Chrysene-d12	13.83	240	366479	20.00	ng	-0.01
86) Perylene-d12	15.20	264	296840	20.00	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.26	112	1159780	128.43	ng	-0.01
7) Phenol-d6	6.33	99	1379042	123.18	ng	-0.01
23) Nitrobenzene-d5	7.24	82	923958	85.95	ng	-0.02
41) 2,4,6-Tribromophenol	10.51	330	381242	132.17	ng	-0.01
44) 2-Fluorobiphenyl	9.05	172	1655774	113.58	ng	-0.01
78) Terphenyl-d14	12.77	244	1529273	94.56	ng	-0.02

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.20	88	126466	31.97	ng	# 75
3) Pyridine	2.86	79	390473	37.89	ng	# 76
4) n-Nitrosodimethylamine	2.81	42	232873	43.69	ng	# 79
6) Aniline	6.34	93	512433	37.41	ng	# 58
8) 2-Chlorophenol	6.46	128	442439	43.28	ng	# 94
9) Benzaldehyde	6.21	77	154412	23.36	ng	# 96
10) Phenol	6.34	94	459462	36.64	ng	# 63
11) bis(2-Chloroethyl)ether	6.42	93	424571	43.41	ng	# 85
12) 1,3-Dichlorobenzene	6.61	146	460942	42.68	ng	# 97
13) 1,4-Dichlorobenzene	6.69	146	473205	43.83	ng	# 94
14) 1,2-Dichlorobenzene	6.84	146	393527	39.14	ng	# 96
15) Benzyl Alcohol	6.83	79	376705	48.73	ng	# 92
16) 2,2'-oxybis(1-Chloropropan	6.97	45	672702	40.89	ng	# 86
17) 2-Methylphenol	6.96	107	362233	44.81	ng	# 92
18) Hexachloroethane	7.18	117	174229	41.91	ng	# 97
19) n-Nitroso-di-n-propylamine	7.10	70	312978	44.60	ng	# 77
20) 3+4-Methylphenols	7.10	107	433517	43.20	ng	# 81
22) Acetophenone	7.09	105	599517	37.56	ng	# 99
24) Nitrobenzene	7.26	77	452835	39.34	ng	# 97
25) Isophorone	7.50	82	824354	39.44	ng	# 97
26) 2-Nitrophenol	7.58	139	254035	44.74	ng	# 93
27) 2,4-Dimethylphenol	7.63	122	394907	39.99	ng	# 96
28) bis(2-Chloroethoxy)methane	7.72	93	483761	39.01	ng	# 98
29) 2,4-Dichlorophenol	7.82	162	347892	41.17	ng	# 94
30) 1,2,4-Trichlorobenzene	7.90	180	368647	38.63	ng	# 96
31) Naphthalene	7.98	128	1243913	40.95	ng	# 99
32) Benzoic acid	7.77	122	227530	36.02	ng	# 93
33) 4-Chloroaniline	8.04	127	368506	29.33	ng	# 94
34) Hexachlorobutadiene	8.11	225	219183	39.83	ng	# 99
35) Caprolactam	8.42	113	117504m	45.12	ng	# 99
36) 4-Chloro-3-methylphenol	8.53	107	385385	39.98	ng	# 94
37) 2-Methylnaphthalene	8.67	142	818234	43.04	ng	# 97
39) 1,2,4,5-Tetrachlorobenzene	8.84	216	344518	39.23	ng	# 98
40) Hexachlorocyclopentadiene	8.83	237	330087	83.60	ng	# 97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.96	196	229940	40.64	nq	96
43) 2,4,5-Trichlorophenol	9.00	196	250186	43.52	nq	# 88
45) 1,1'-Biphenyl	9.14	154	927988	37.57	nq	98
46) 2-Chloronaphthalene	9.16	162	736684	40.50	nq	94
47) 2-Nitroaniline	9.26	65	249750	43.36	nq	95
48) Acenaphthylene	9.57	152	1085417	39.32	nq	97
49) Dimethylphthalate	9.45	163	869953	41.30	nq	# 90
50) 2,6-Dinitrotoluene	9.52	165	206882	44.96	nq	91
51) Acenaphthene	9.74	154	692394	38.56	nq	96
52) 3-Nitroaniline	9.68	138	157245	30.41	nq	93
53) 2,4-Dinitrophenol	9.79	184	191835	89.58	nq	94
54) Dibenzofuran	9.92	168	957611	43.63	nq	91
55) 4-Nitrophenol	9.86	139	289830	76.27	nq	# 81
56) 2,4-Dinitrotoluene	9.92	165	273489	46.60	nq	# 87
57) Fluorene	10.26	166	766053	41.80	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.04	232	218549	49.94	nq	93
59) Diethylphthalate	10.14	149	886234	43.09	nq	97
60) 4-Chlorophenyl-phenylether	10.26	204	389406	51.64	nq	95
61) 4-Nitroaniline	10.29	138	220409	43.75	nq	92
62) Azobenzene	10.42	77	972749	49.19	nq	97
64) 4,6-Dinitro-2-methylphenol	10.33	198	133960	43.09	nq	70
65) n-Nitrosodiphenylamine	10.38	169	737413	46.10	nq	98
66) 4-Bromophenyl-phenylether	10.74	248	233896	42.04	nq	# 68
67) Hexachlorobenzene	10.81	284	285440	47.09	nq	97
68) Atrazine	10.91	200	222955	44.14	nq	98
69) Pentachlorophenol	11.00	266	239484	84.06	nq	97
70) Phenanthrene	11.22	178	1319505	47.23	nq	98
71) Anthracene	11.26	178	1160786	41.23	nq	99
72) Carbazole	11.42	167	1015471	41.37	nq	100
73) Di-n-butylphthalate	11.77	149	1365831	43.70	nq	# 97
74) Fluoranthene	12.40	202	1170408	41.39	nq	99
76) Benzidine	12.53	184	552530	43.33	nq	97
77) Pyrene	12.63	202	1282046	45.69	nq	99
79) Butylbenzylphthalate	13.25	149	548193	43.07	nq	89
80) Benzo(a)anthracene	13.81	228	1040307	45.74	nq	99
81) 3,3'-Dichlorobenzidine	13.78	252	204589	25.40	nq	# 98
82) Chrysene	13.85	228	939697	42.60	nq	99
83) Bis(2-ethylhexyl)phthalate	13.83	149	731197	46.16	nq	# 95
84) Di-n-octyl phthalate	14.43	149	1148251	43.94	nq	# 89
85) Indeno(1,2,3-cd)pyrene	16.48	276	841160	48.45	nq	99
87) Benzo(b)fluoranthene	14.82	252	938254m	47.04	nq	
88) Benzo(k)fluoranthene	14.84	252	699754m	42.43	nq	
89) Benzo(a)pyrene	15.14	252	773747	45.53	nq	98
90) Dibenzo(a,h)anthracene	16.49	278	697809	48.78	nq	97
91) Benzo(g,h,i)perylene	16.87	276	721156	50.05	nq	96

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

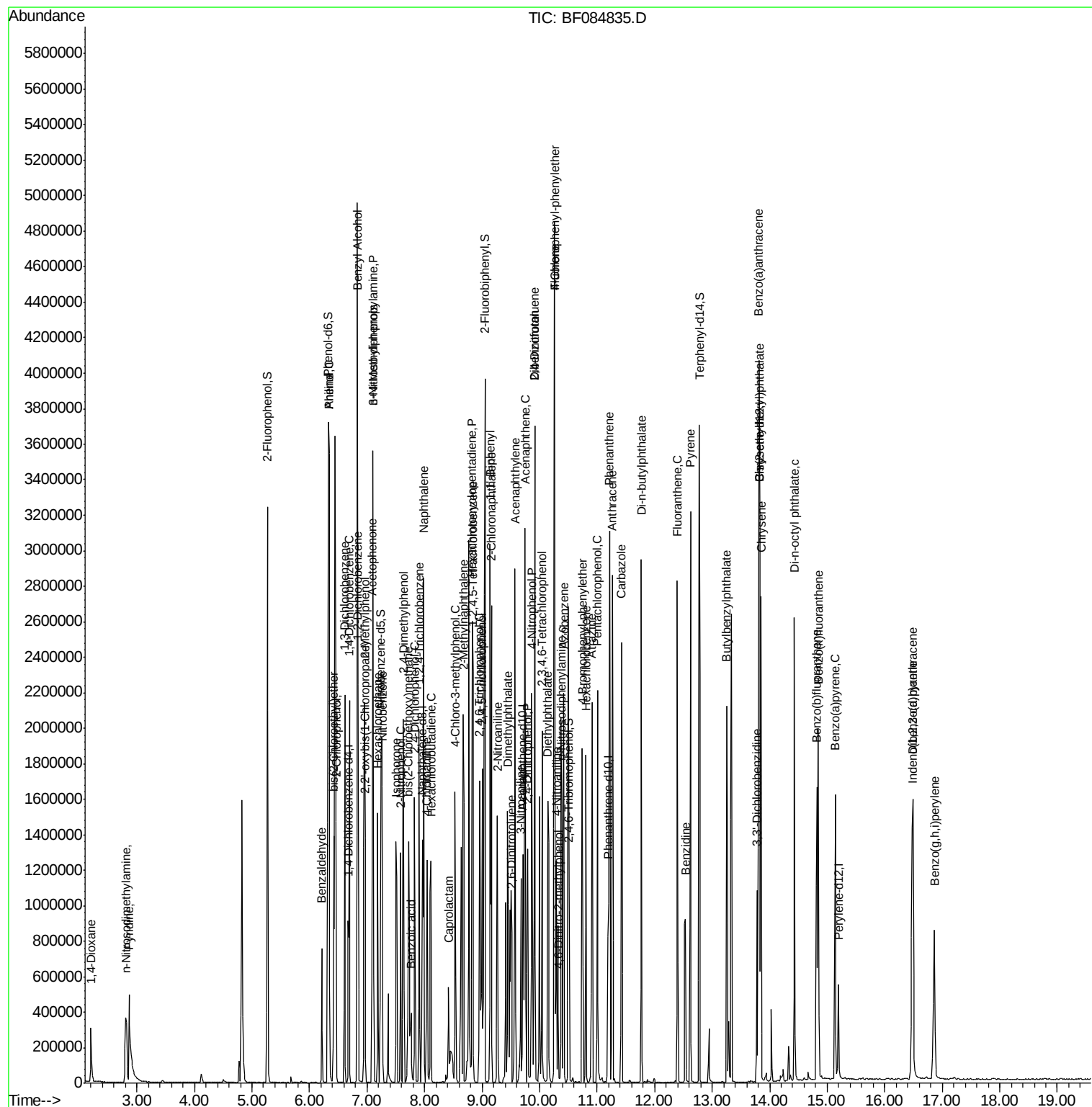
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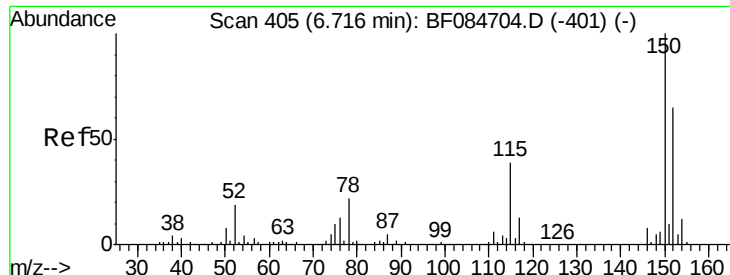
Instrument :
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#1

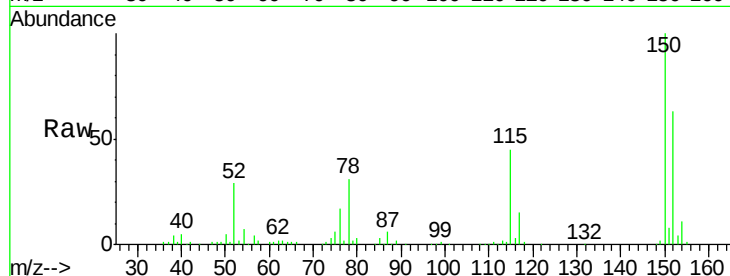
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.67 min Scan# 401
Delta R.T. -0.01 min
Lab File: BF084835.D
Acq: 4 Feb 2016 18:18

Instrument :
BNA_F
ClientSampleId :
PB88185BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.4	123.0	184.4
115	71.1	51.4	77.2

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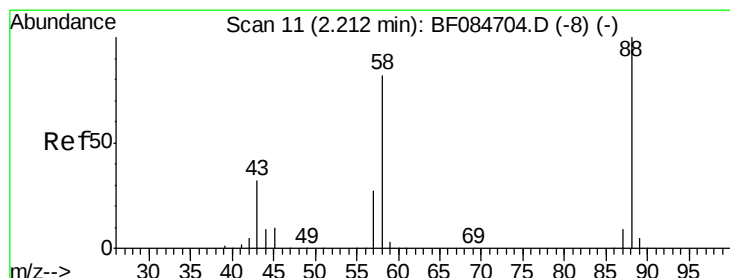
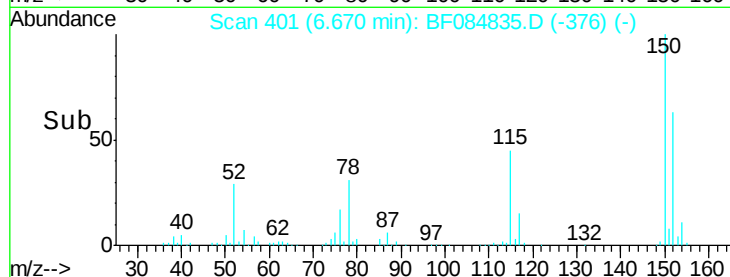
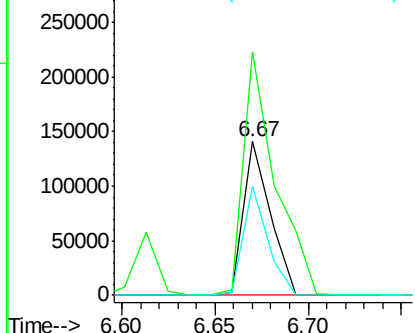


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

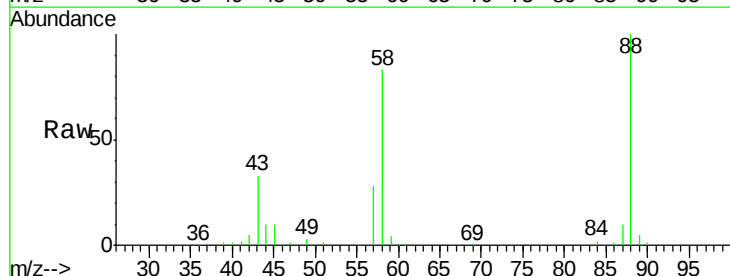
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 31.97 ng
RT: 2.20 min Scan# 10
Delta R.T. 0.02 min
Lab File: BF084835.D
Acq: 4 Feb 2016 18:18

Tgt Ion	Ratio	Lower	Upper
88	100		
58	86.8	51.2	76.8#
43	31.9	19.5	29.3#

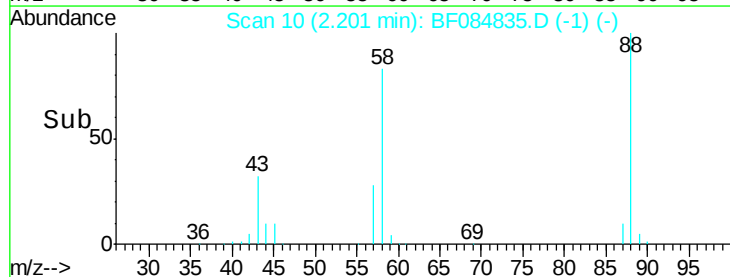
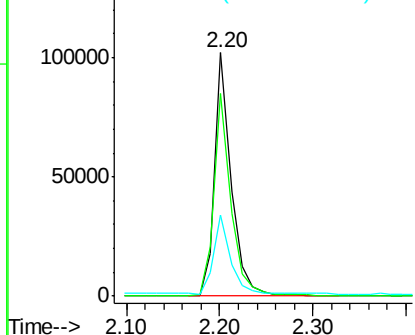


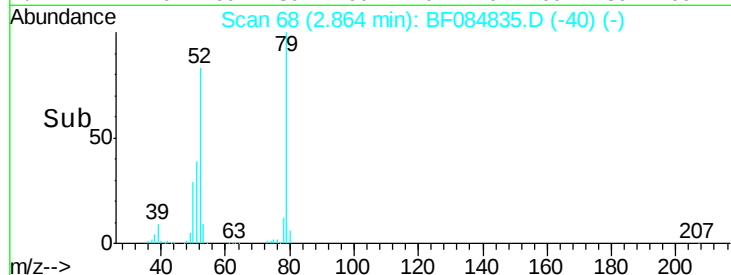
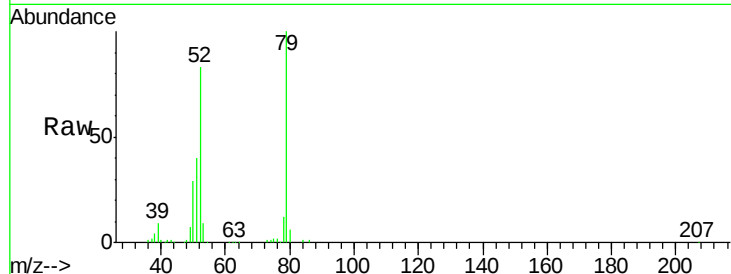
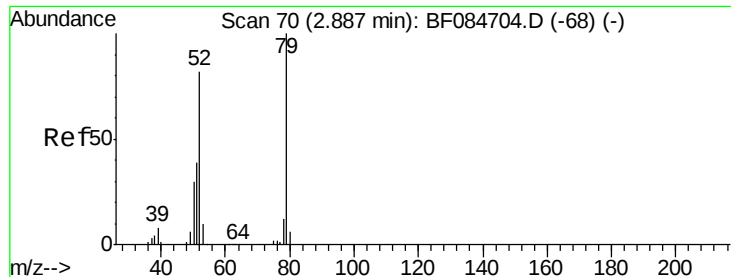
Abundance

Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





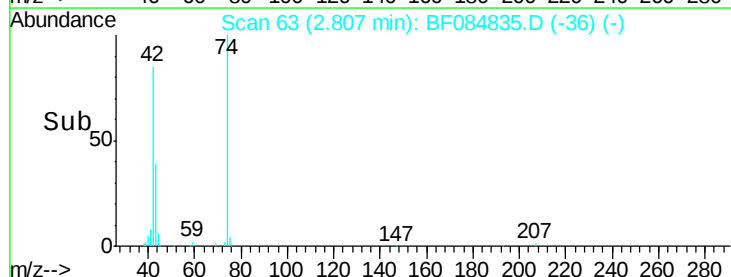
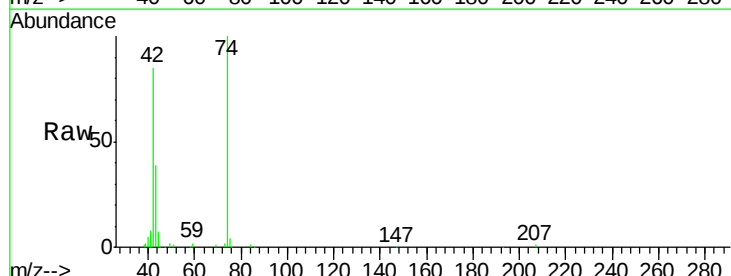
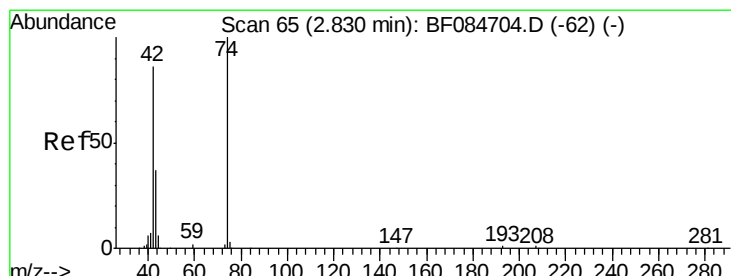
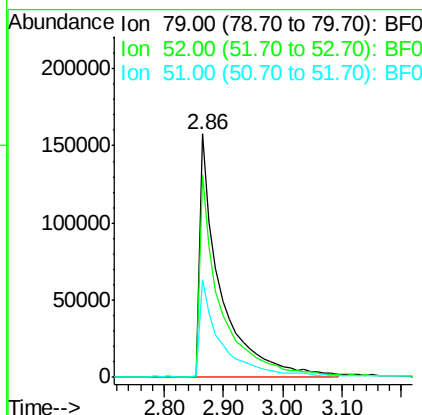
#3
 Pvridine
 Concen: 37.89 ng
 RT: 2.86 min Scan# 68
 Delta R.T. 0.02 min
 Lab File: BF084835.D
 Acq: 4 Feb 2016 18:18

Tot Ion	Ion	Ratio	Resp	Lower	Upper
79	100		390473		
52	83.0	49.0	73.4#		
51	39.9	25.2	37.8#		

Instrument :
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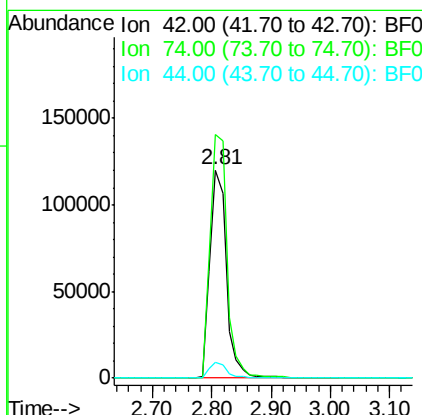
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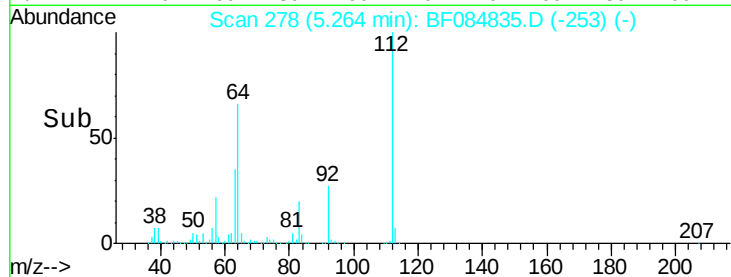
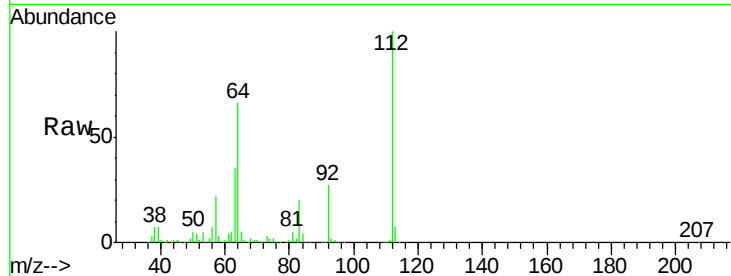
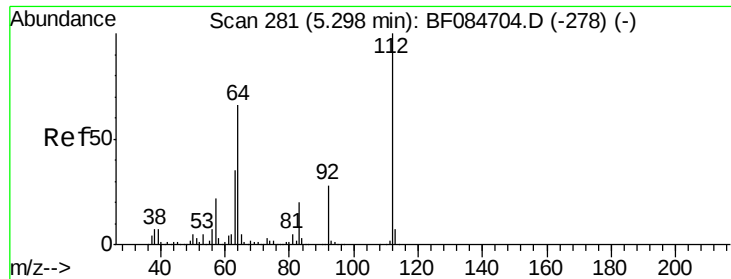
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#4
 n-Nitrosodimethylamine
 Concen: 43.69 ng
 RT: 2.81 min Scan# 63
 Delta R.T. 0.01 min
 Lab File: BF084835.D
 Acq: 4 Feb 2016 18:18

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
42	100		232873		
74	117.1	115.7	173.5		
44	7.7	5.1	7.7		





#5

2-Fluorophenol

Concen: 128.43 ng

RT: 5.26 min Scan# 278

Delta R.T. -0.01 min

Lab File: BF084835.D

Acq: 4 Feb 2016 18:18

Instrument :

BNA_F

ClientSampleID :

PB88185BS

Tot Ion:112 Resp: 1159780

Ion Ratio Lower Upper

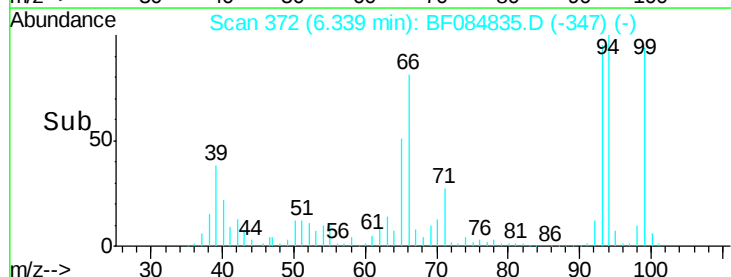
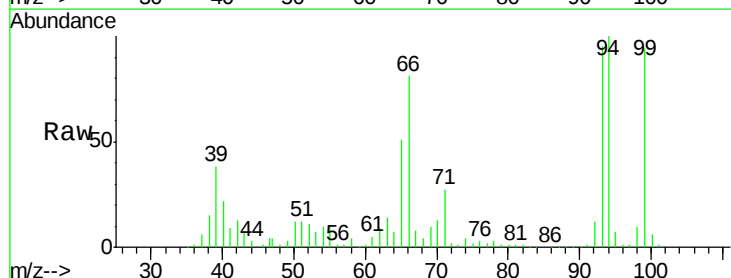
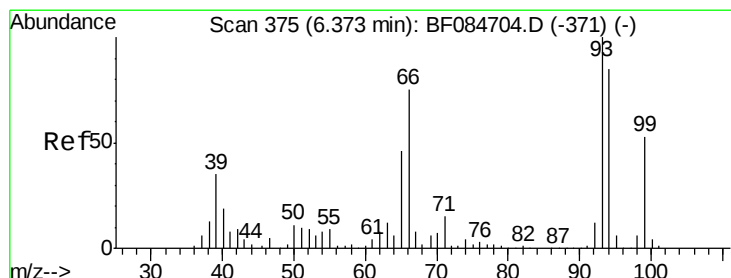
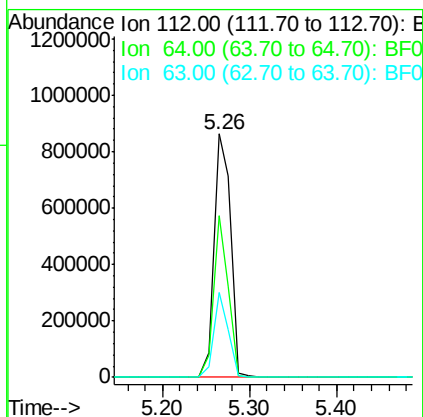
112 100

64 66.4 36.6 55.0#

63 34.7 19.4 29.0#

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#6

Aniline

Concen: 37.41 ng

RT: 6.34 min Scan# 372

Delta R.T. -0.01 min

Lab File: BF084835.D

Acq: 4 Feb 2016 18:18

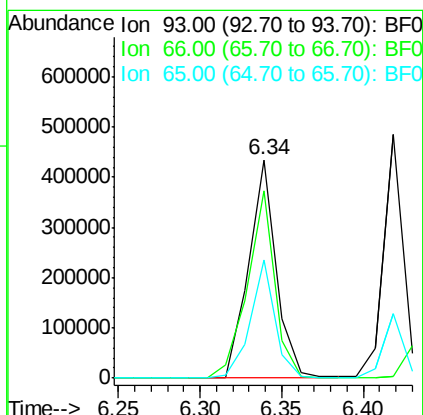
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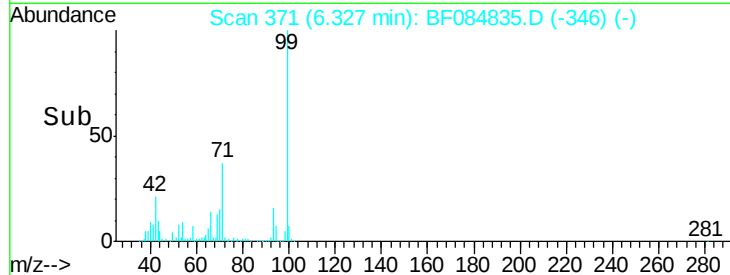
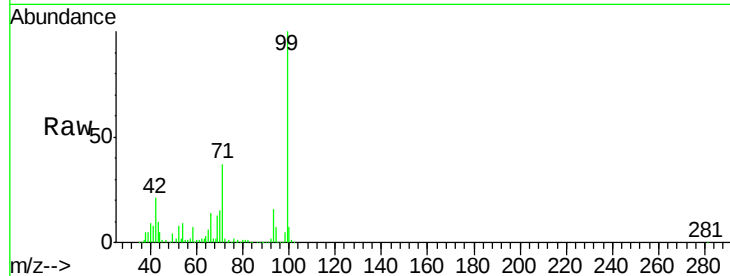
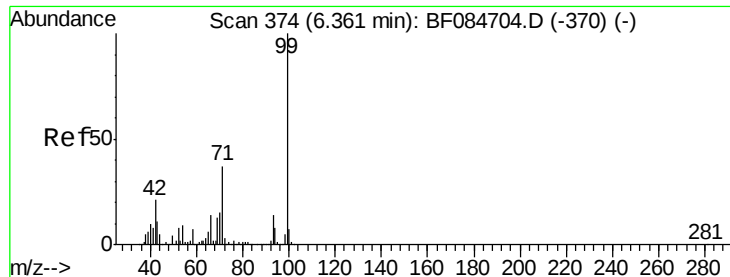
Ion Ratio Lower Upper

93 100

66 85.8 44.9 67.3#

65 53.8 23.7 35.5#





#7

Phenol-d6

Concen: 123.18 ng

RT: 6.33 min Scan# 371

Delta R.T. -0.01 min

Lab File: BF084835.D

Acq: 4 Feb 2016 18:18

Tot Ion: 99 Resp: 1379042

Ion Ratio Lower Upper

99 100

42 20.6 12.8 19.2#

71 37.3 30.9 46.3

Instrument :

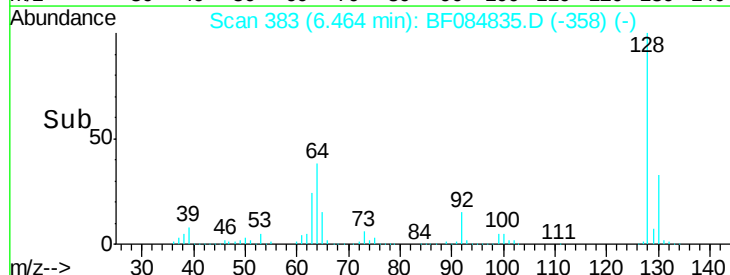
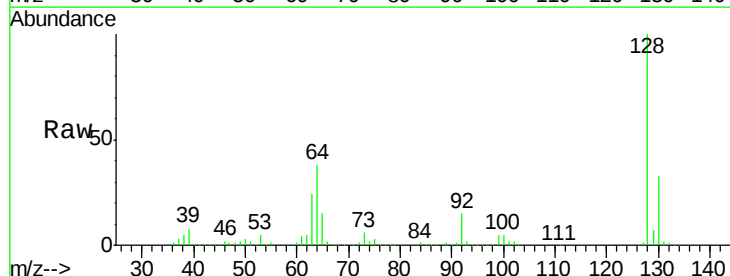
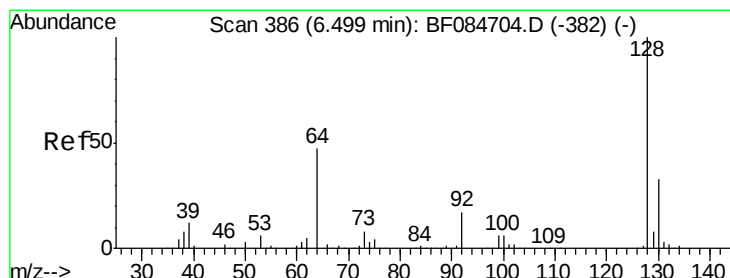
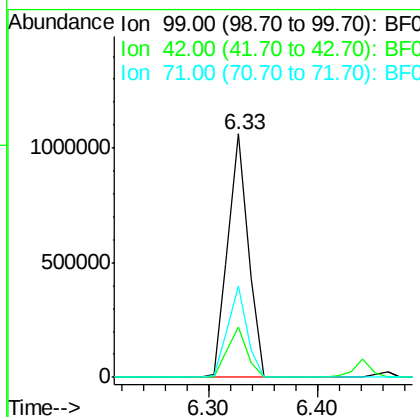
BNA_F

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PB88185BS

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#8

2-Chlorophenol

Concen: 43.28 ng

RT: 6.46 min Scan# 383

Delta R.T. -0.01 min

Lab File: BF084835.D

Acq: 4 Feb 2016 18:18

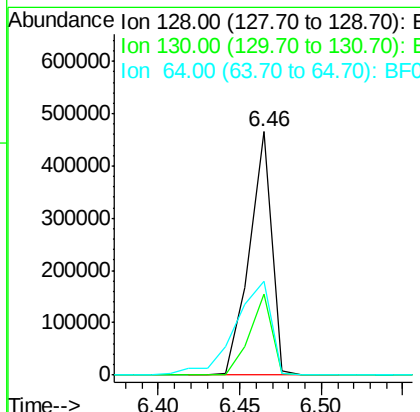
Tgt Ion: 128 Resp: 442439

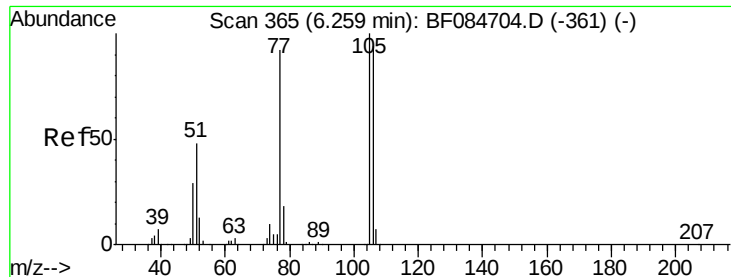
Ion Ratio Lower Upper

128 100

130 33.4 11.6 51.6

64 38.4 23.8 63.8





#9

Benzaldehyde

Concen: 23.36 ng

RT: 6.21 min Scan# 361

Delta R.T. -0.02 min

Lab File: BF084835.D

Acq: 4 Feb 2016 18:18

Instrument :

BNA_F

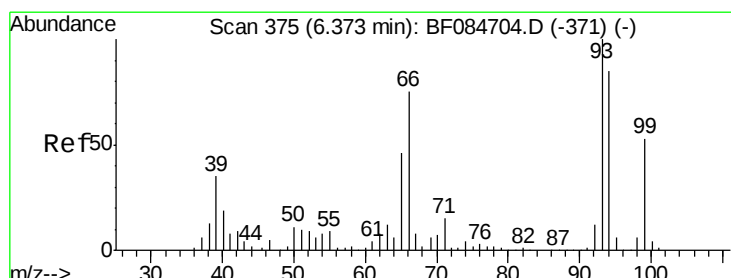
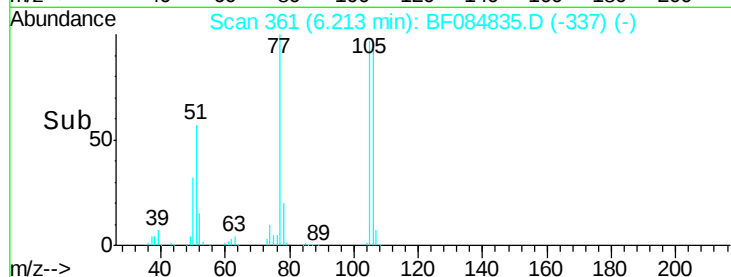
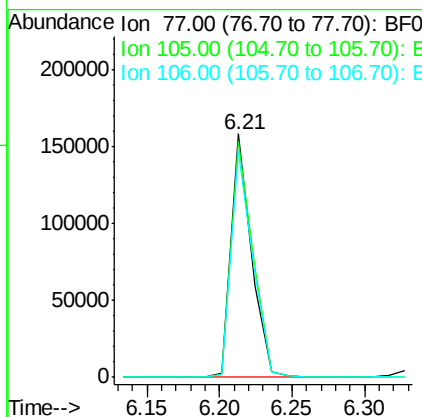
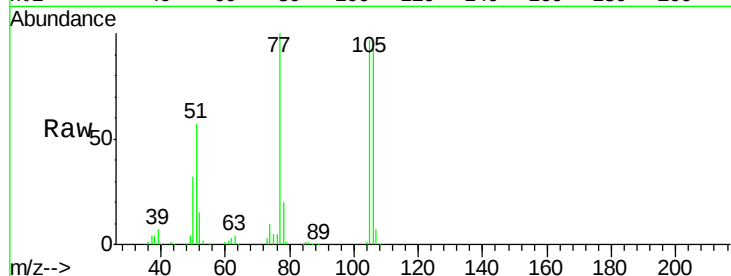
ClientSampleId :

PB88185BS

Tot Ion:	77	Resp:	154412
Ion Ratio	Lower	Upper	
77	100		
105	96.7	83.0	123.0
106	92.7	74.6	114.6

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#10

Phenol

Concen: 36.64 ng

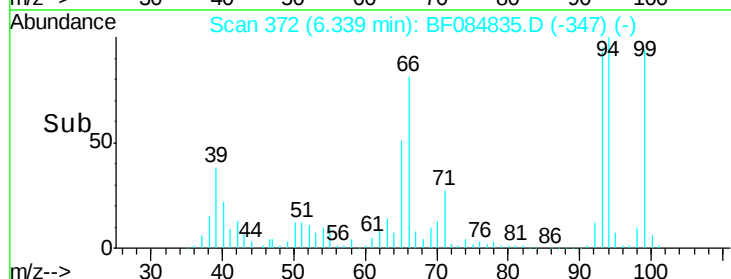
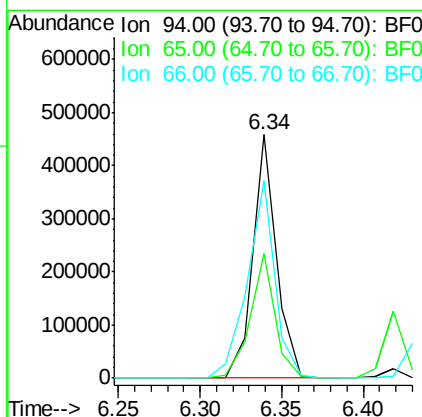
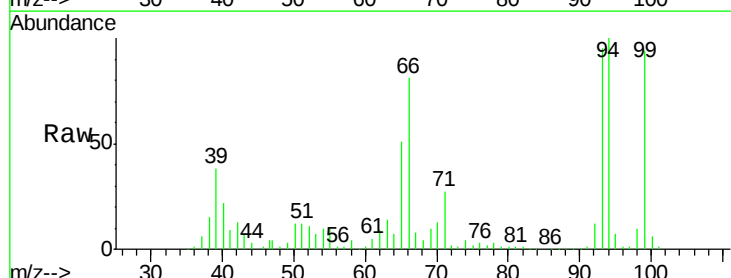
RT: 6.34 min Scan# 372

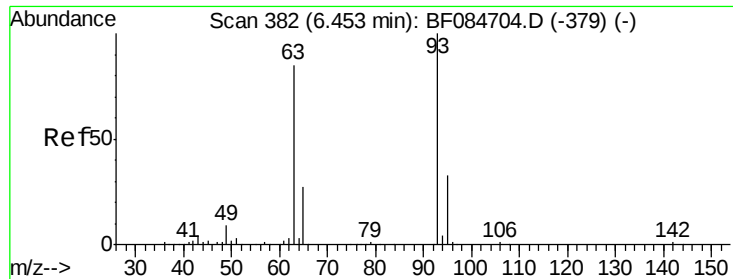
Delta R.T. -0.01 min

Lab File: BF084835.D

Acq: 4 Feb 2016 18:18

Tgt Ion:	94	Resp:	459462
Ion Ratio	Lower	Upper	
94	100		
65	51.1	12.9	52.9
66	81.4	32.7	72.7#





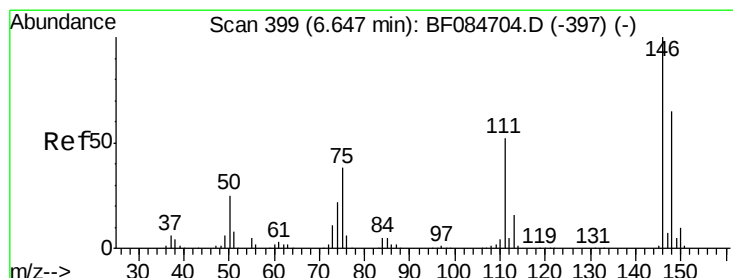
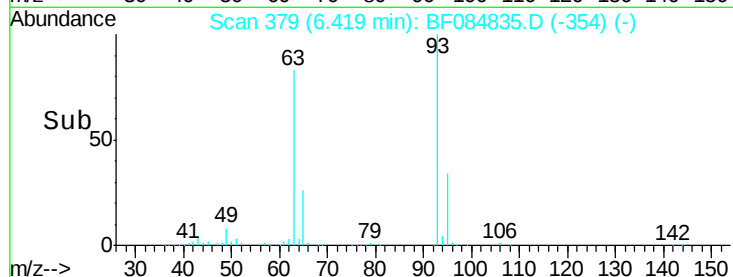
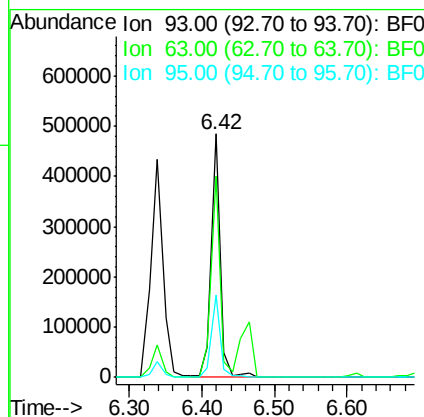
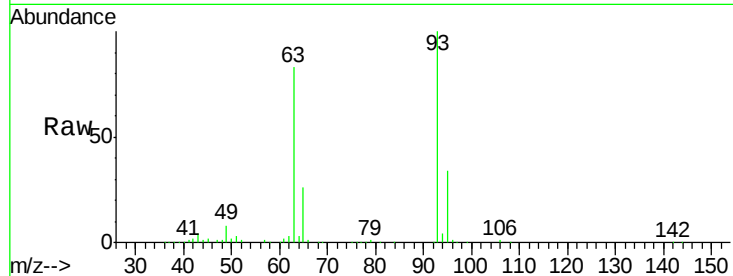
#11
bis(2-Chloroethyl)ether
Concen: 43.41 ng
RT: 6.42 min Scan# 379
Delta R.T. -0.01 min
Lab File: BF084835.D
Acq: 4 Feb 2016 18:18

Instrument :
BNA_F
ClientSampleId :
PB88185BS

Tot Ion	Ratio	Resp	Lower	Upper
93	100	424571		
63	82.6	45.9	85.9	
95	33.7	12.3	52.3	

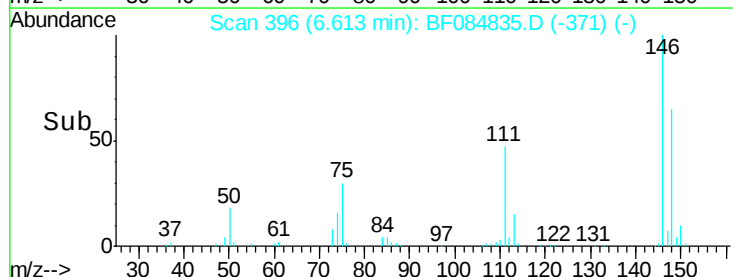
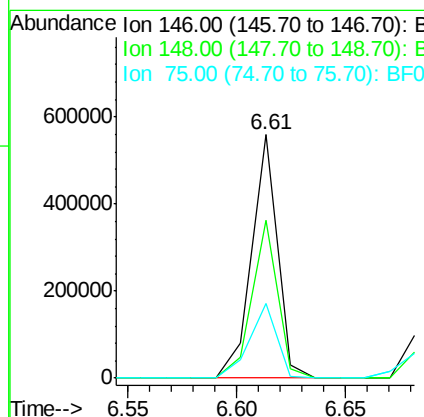
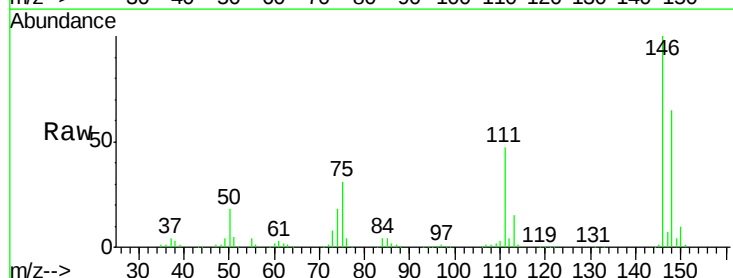
Manual Integrations
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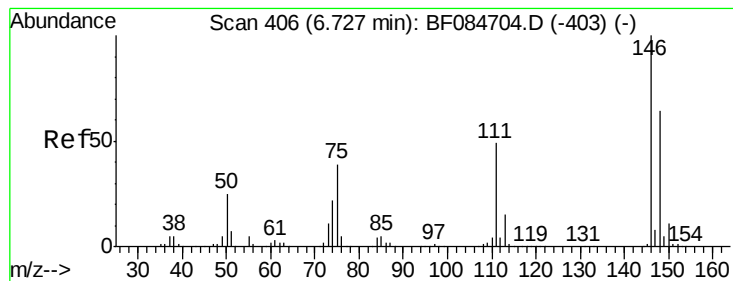
mohammad
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#12
1,3-Dichlorobenzene
Concen: 42.68 ng
RT: 6.61 min Scan# 396
Delta R.T. -0.01 min
Lab File: BF084835.D
Acq: 4 Feb 2016 18:18

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	460942		
148	64.7	51.9	77.9	
75	30.5	20.5	30.7	





#13

1,4-Dichlorobenzene

Concen: 43.83 ng

RT: 6.69 min Scan# 403

Delta R.T. -0.01 min

Lab File: BF084835.D

Acq: 4 Feb 2016 18:18

Instrument :

BNA_F

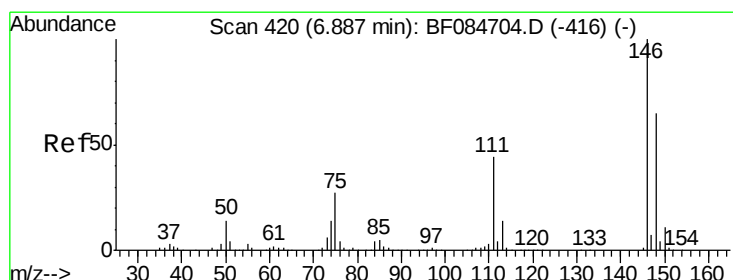
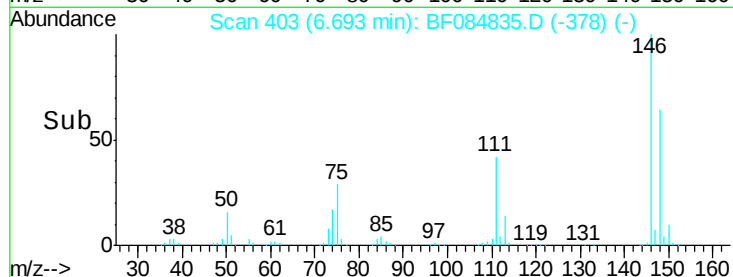
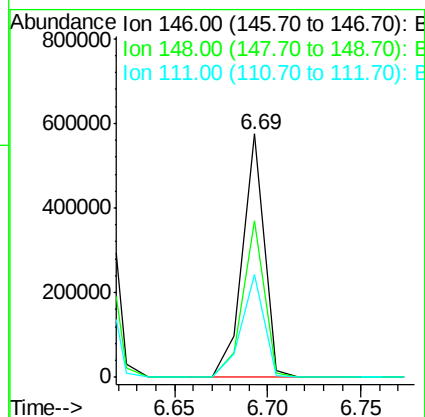
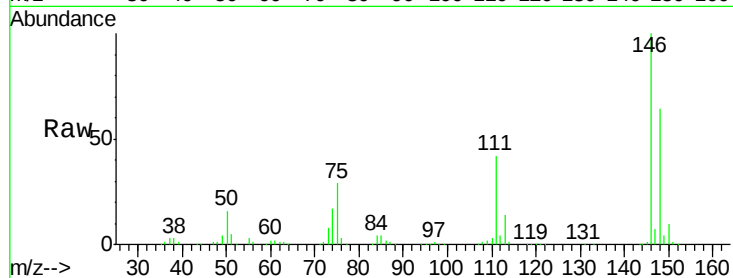
ClientSampleId :

PB88185BS

Tot Ion:	146	Resp:	473205
Ion Ratio	Lower	Upper	
146	100		
148	64.5	51.9	77.9
111	42.3	41.6	62.4

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#14

1,2-Dichlorobenzene

Concen: 39.14 ng

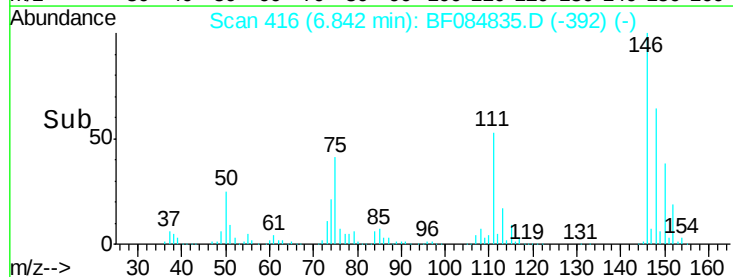
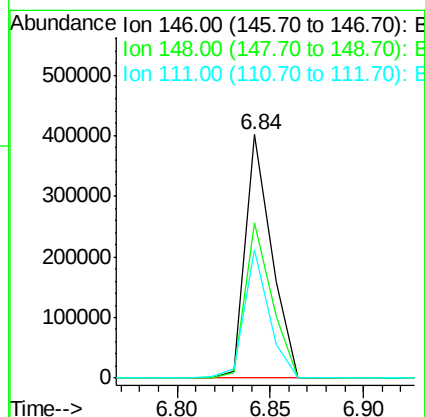
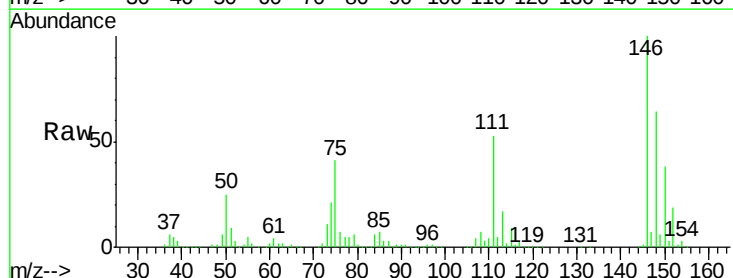
RT: 6.84 min Scan# 416

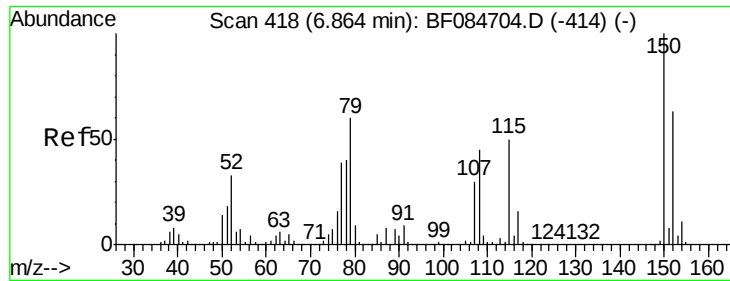
Delta R.T. -0.02 min

Lab File: BF084835.D

Acq: 4 Feb 2016 18:18

Tgt Ion:	146	Resp:	393527
Ion Ratio	Lower	Upper	
146	100		
148	63.8	51.6	77.4
111	52.8	38.0	57.0





#15

Benzyl Alcohol

Concen: 48.73 ng

RT: 6.83 min Scan# 415

Delta R.T. -0.01 min

Lab File: BF084835.D

Acq: 4 Feb 2016 18:18

Instrument :

BNA_F

ClientSampleID :

PB88185BS

Tot Ion: 79 Resp: 376705

Ion Ratio Lower Upper

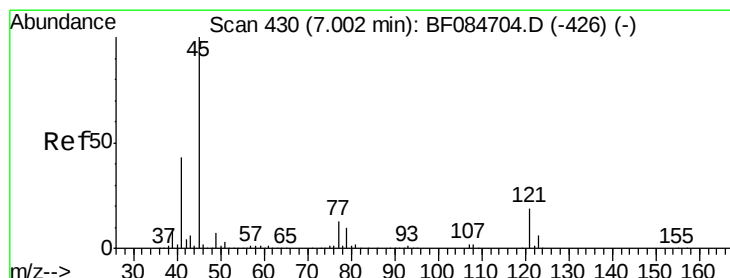
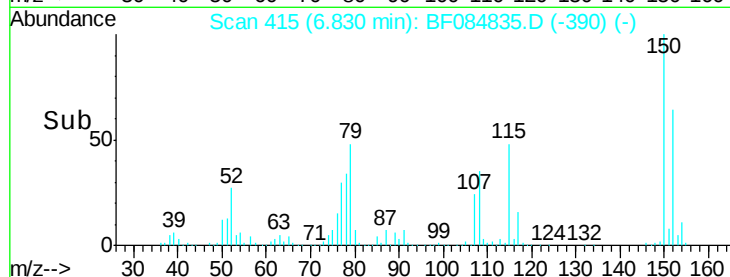
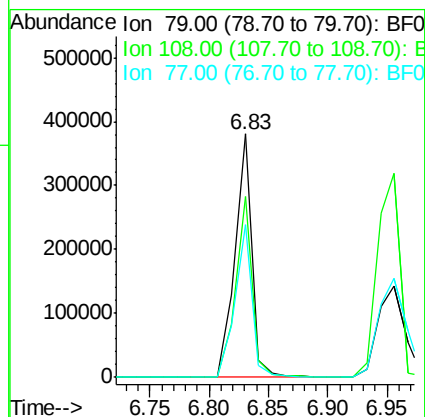
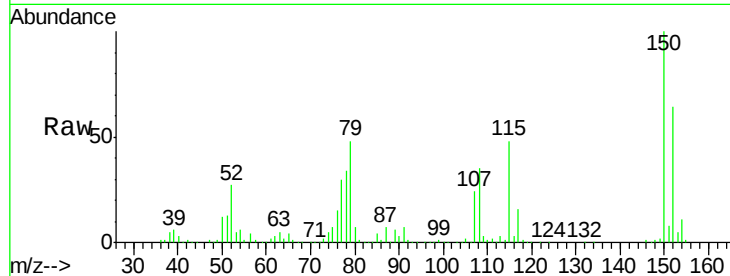
79 100

108 74.4 69.0 103.4

77 62.8 50.0 75.0

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#16

2,2'-oxybis(1-chloropropane)

Concen: 40.89 ng

RT: 6.97 min Scan# 427

Delta R.T. -0.01 min

Lab File: BF084835.D

Acq: 4 Feb 2016 18:18

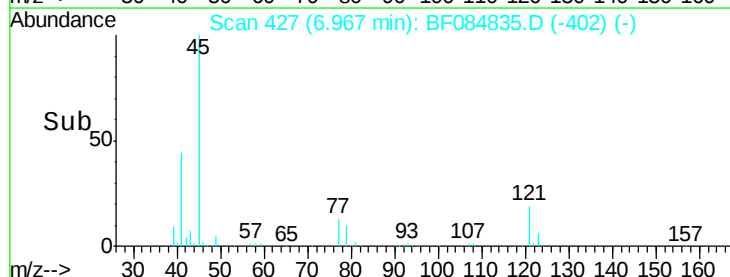
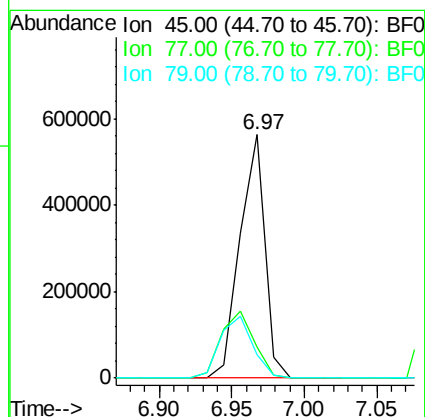
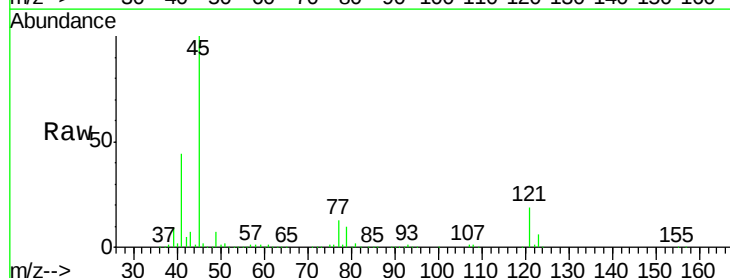
Tgt Ion: 45 Resp: 672702

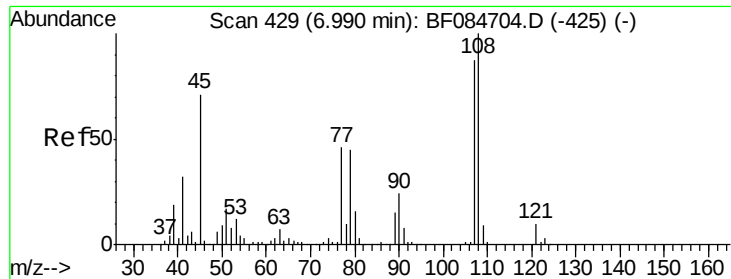
Ion Ratio Lower Upper

45 100

77 13.0 0.0 39.6

79 9.9 0.0 35.0





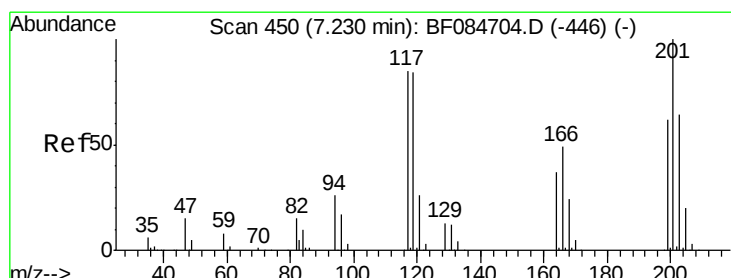
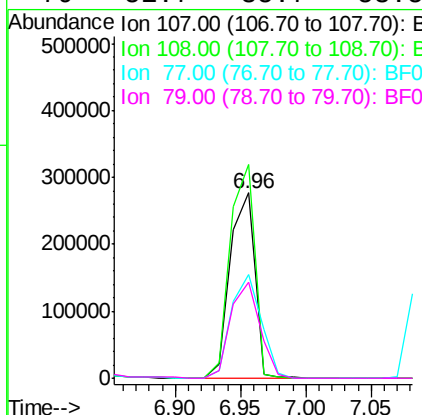
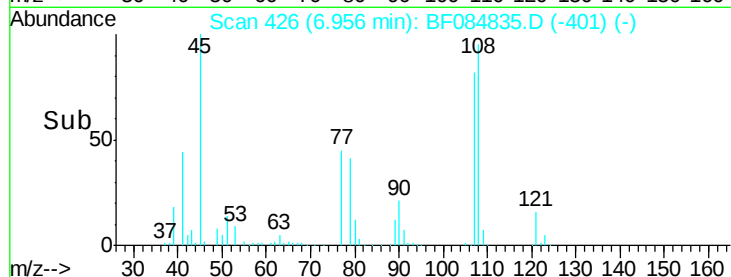
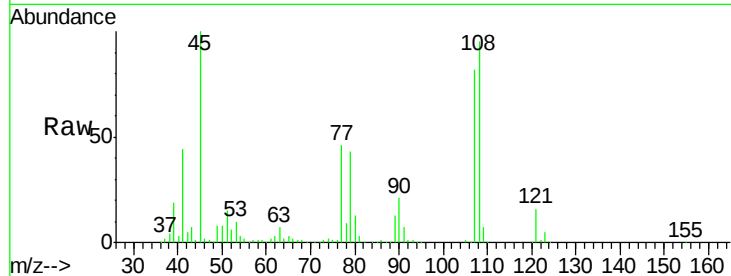
#17
2-Methylphenol
Concen: 44.81 ng
RT: 6.96 min Scan# 426
Delta R.T. -0.01 min
Lab File: BF084835.D
Acq: 4 Feb 2016 18:18

Instrument :
BNA_F
ClientSampleId :
PB88185BS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	115.3	89.8	134.6	
77	56.1	35.7	53.5	
79	51.7	35.7	53.5	

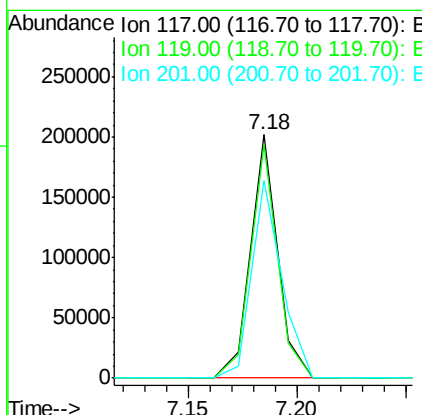
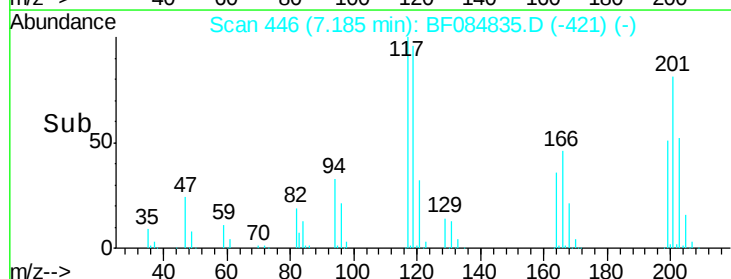
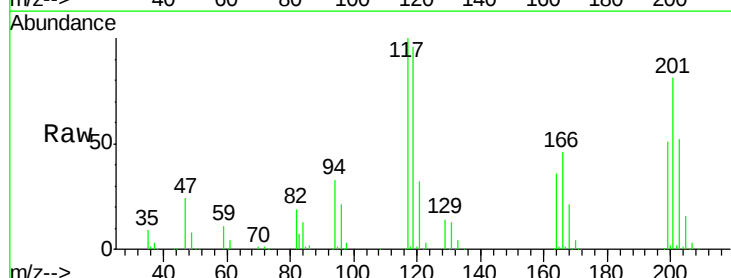
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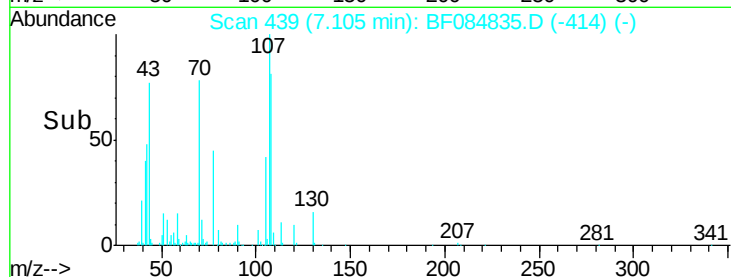
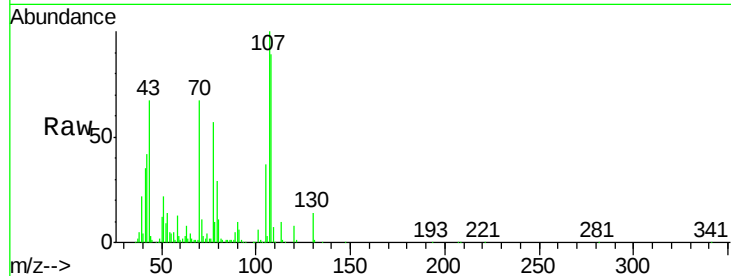
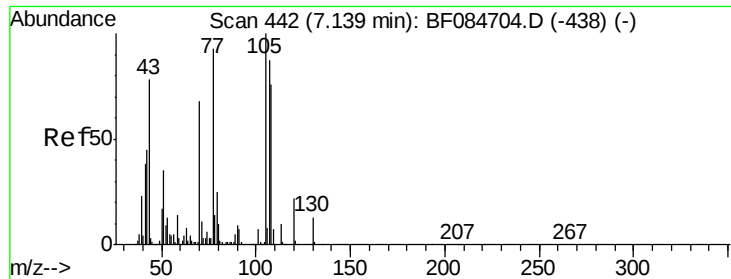
mohammad
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#18
Hexachloroethane
Concen: 41.91 ng
RT: 7.18 min Scan# 446
Delta R.T. -0.01 min
Lab File: BF084835.D
Acq: 4 Feb 2016 18:18

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	95.9	77.4	116.0	
201	81.3	68.6	103.0	





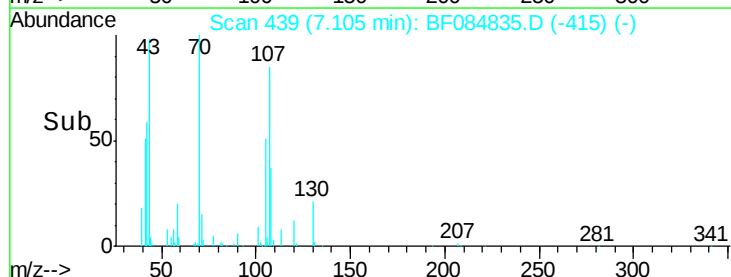
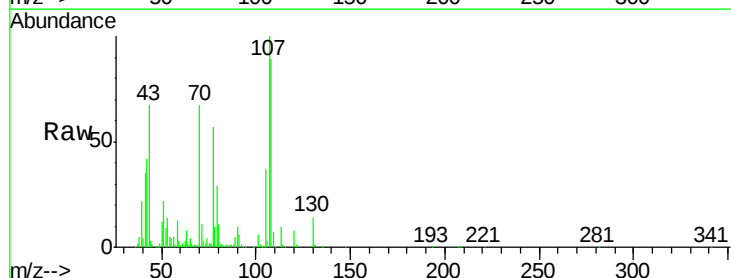
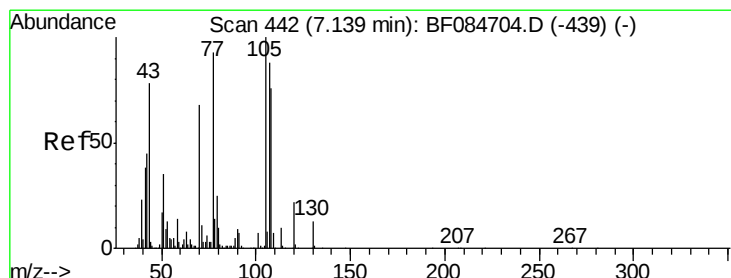
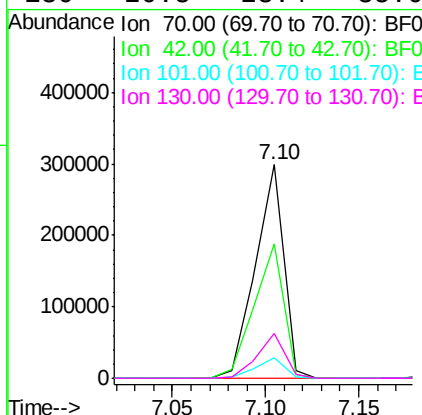
#19
n-Nitroso-di-n-propylamine
Concen: 44.60 ng
RT: 7.10 min Scan# 439
Delta R.T. -0.01 min
Lab File: BF084835.D
Acq: 4 Feb 2016 18:18

Instrument :
BNA_F
ClientSampleId :
PB88185BS

Tot Ion	Ratio	Resp Lower	Upper
70	100		
42	63.0	33.3	49.9#
101	9.6	9.3	13.9
130	20.8	23.4	35.0#

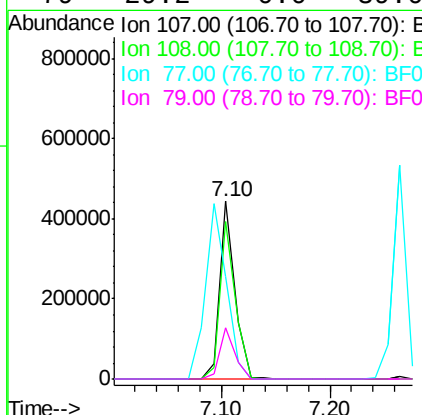
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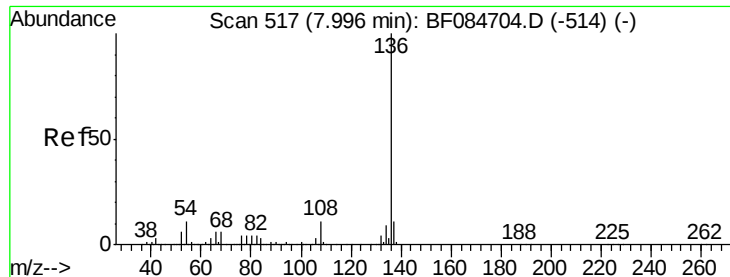
mohammad
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#20
3+4-Methylphenols
Concen: 43.20 ng
RT: 7.10 min Scan# 439
Delta R.T. -0.02 min
Lab File: BF084835.D
Acq: 4 Feb 2016 18:18

Tgt Ion	Ratio	Resp Lower	Upper
107	100		
108	89.1	74.6	114.6
77	57.4	0.7	40.7#
79	29.2	0.0	39.0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.96 min Scan# 514

Delta R.T. -0.01 min

Lab File: BF084835.D

Acq: 4 Feb 2016 18:18

Instrument :

BNA_F

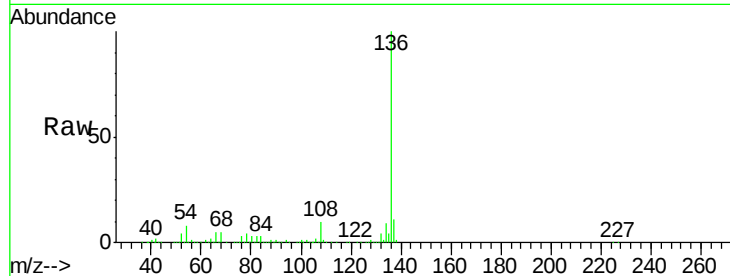
ClientSampled :

PB88185BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		605560		
137	11.1		8.7	13.1	
54	8.4		5.8	8.8	
68	4.8		4.2	6.2	

Manual Integrations
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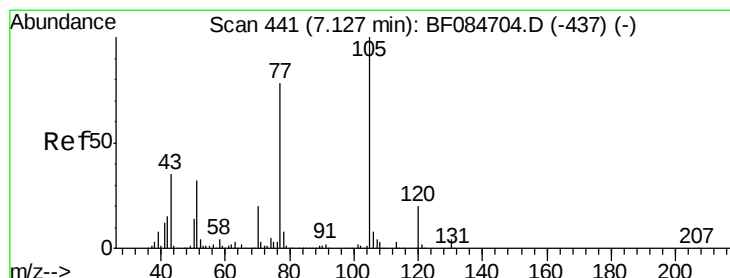
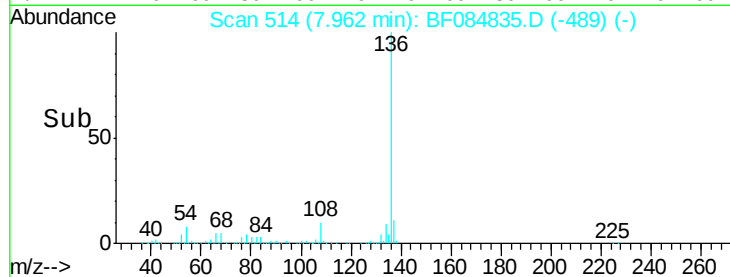
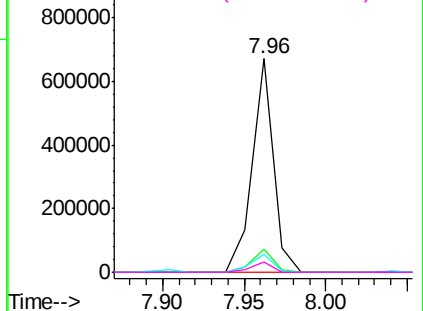
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 37.56 ng

RT: 7.09 min Scan# 438

Delta R.T. -0.01 min

Lab File: BF084835.D

Acq: 4 Feb 2016 18:18

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		599517		
71	4.1		3.7	5.5	
51	31.7		25.1	37.7	
120	20.3		16.6	25.0	

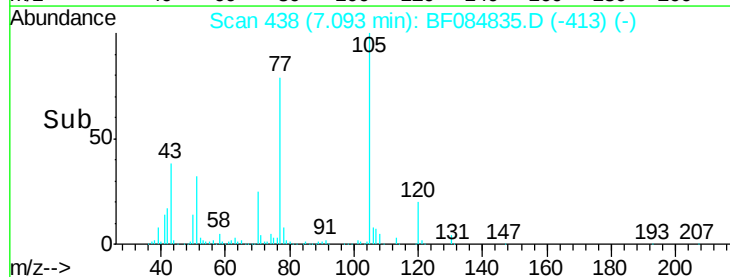
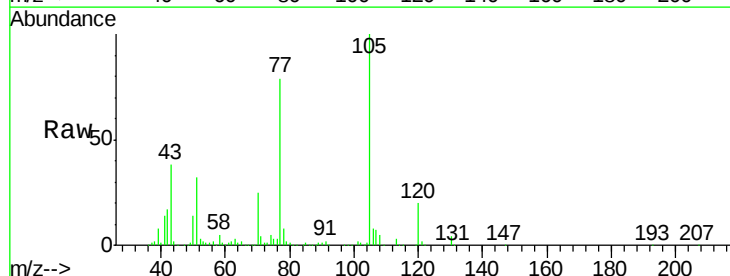
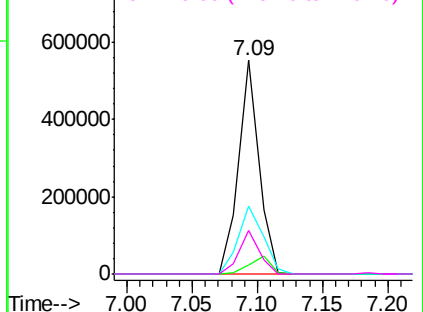
Abundance

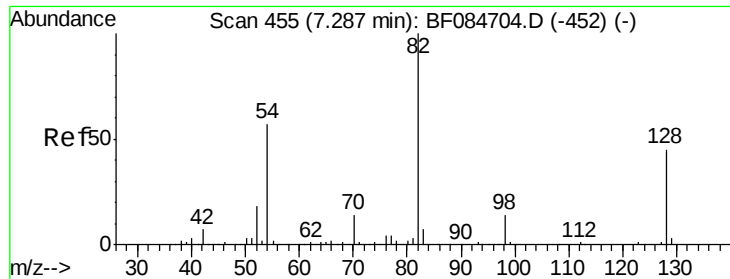
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E





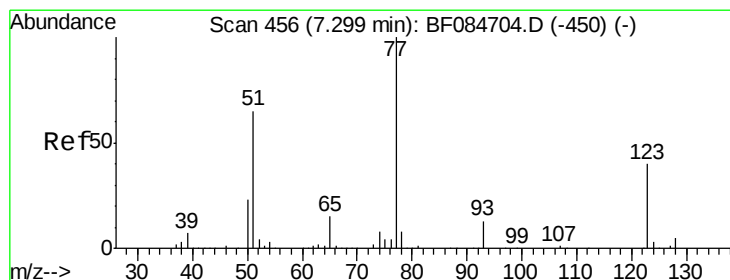
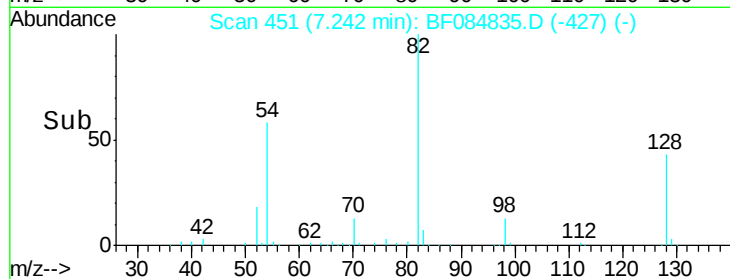
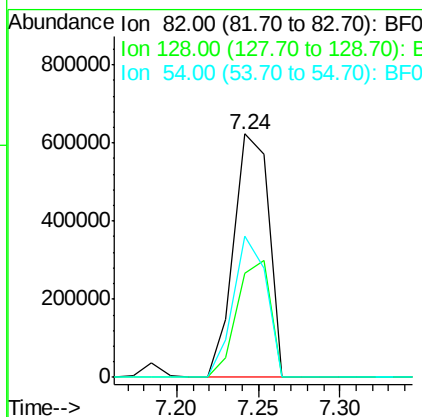
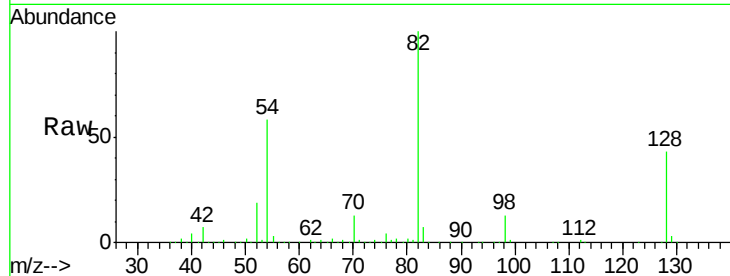
#23
 Nitrobenzene-d5
 Concen: 85.95 ng
 RT: 7.24 min Scan# 451
 Delta R.T. -0.02 min
 Lab File: BF084835.D
 Acq: 4 Feb 2016 18:18

Instrument :
 BNA_F
 ClientSampleId :
 PB88185BS

Tot Ion	Ratio	Resp Lower	Upper
82	100		
128	42.5	34.6	51.8
54	58.0	38.4	57.6

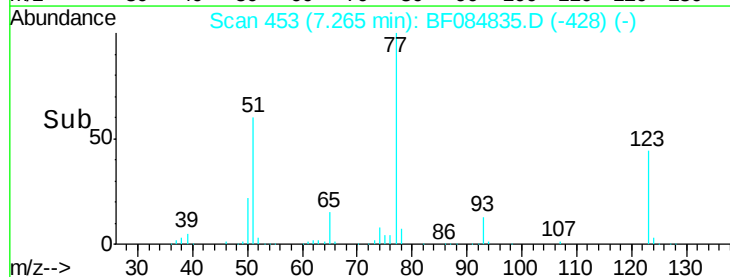
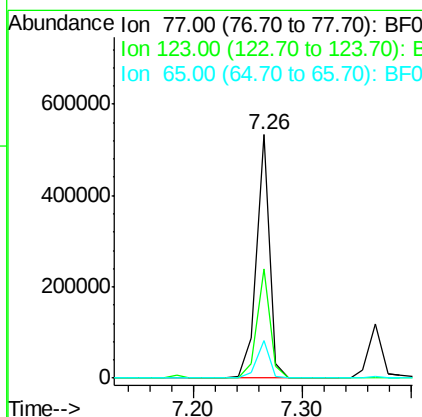
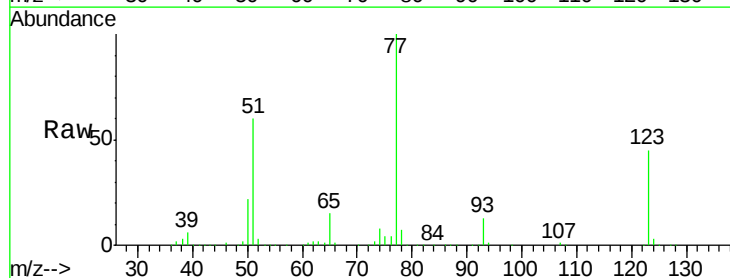
Manual Integrations
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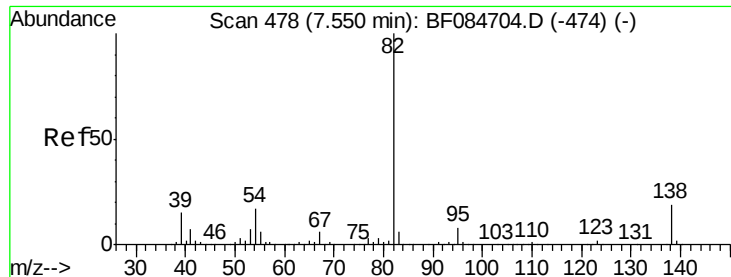
mohammad
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#24
 Nitrobenzene
 Concen: 39.34 ng
 RT: 7.26 min Scan# 453
 Delta R.T. -0.01 min
 Lab File: BF084835.D
 Acq: 4 Feb 2016 18:18

Tgt Ion	Ratio	Resp Lower	Upper
77	100		
123	44.7	37.4	56.2
65	15.2	10.9	16.3





#25

Isophorone

Concen: 39.44 ng

RT: 7.50 min Scan# 474

Delta R.T. -0.02 min

Lab File: BF084835.D

Acq: 4 Feb 2016 18:18

Instrument :

BNA_F

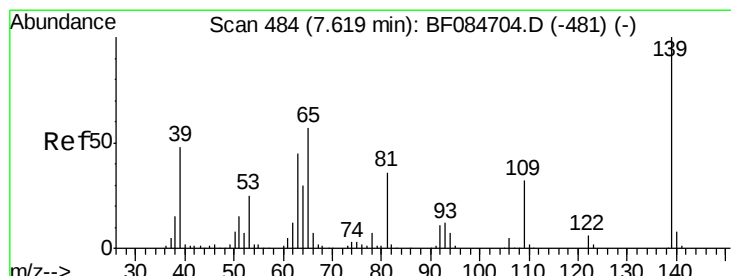
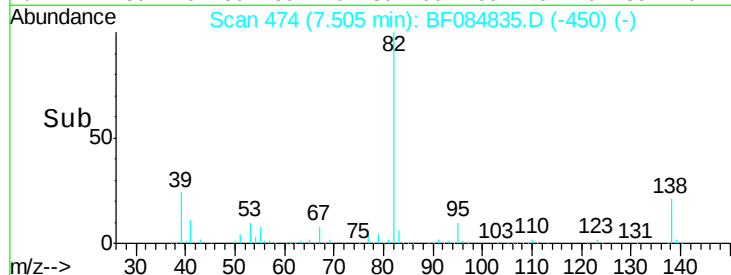
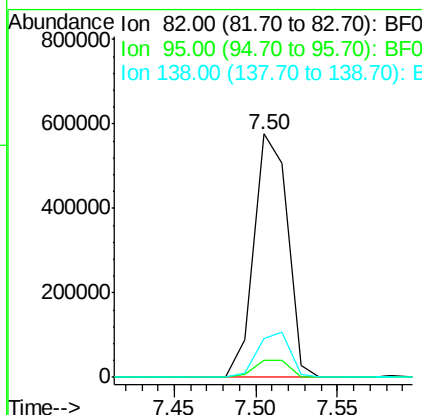
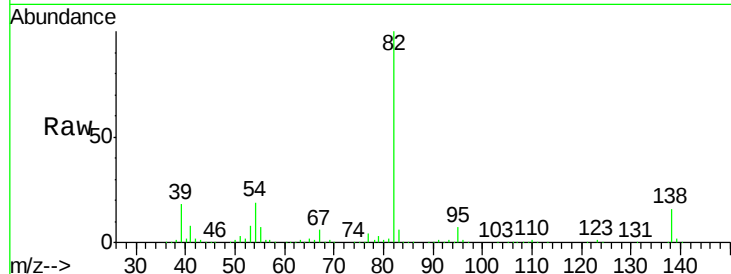
ClientSampleId :

PB88185BS

Tot Ion:	82	Resp:	824354
Ion Ratio		Lower	Upper
82	100		
95	7.1	6.6	10.0
138	15.8	13.6	20.4

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#26

2-Nitrophenol

Concen: 44.74 ng

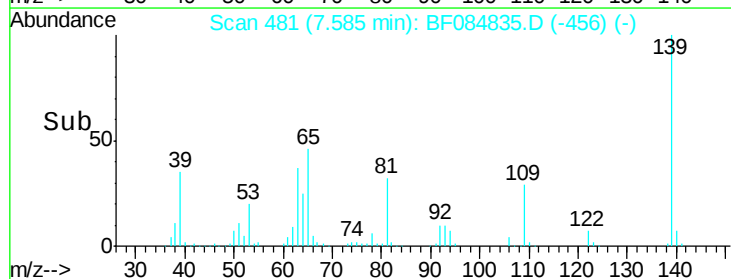
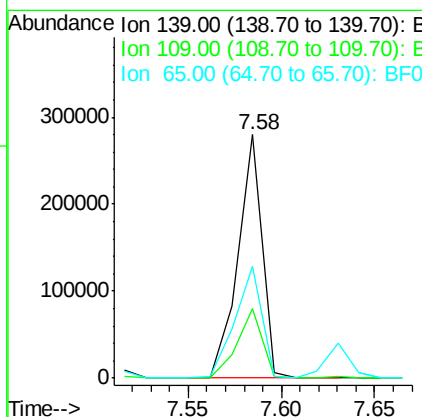
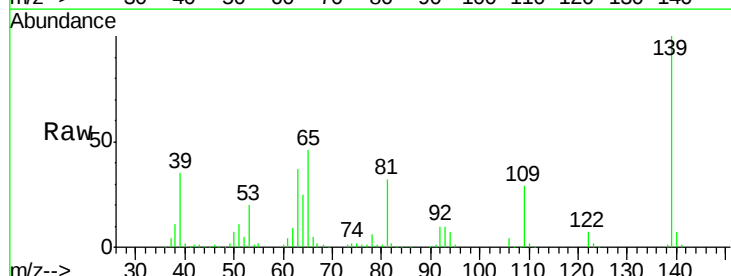
RT: 7.58 min Scan# 481

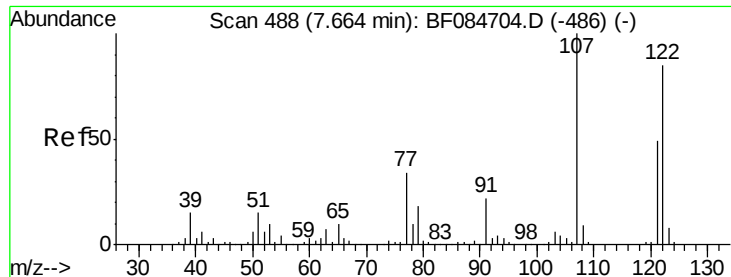
Delta R.T. -0.01 min

Lab File: BF084835.D

Acq: 4 Feb 2016 18:18

Tgt Ion:	139	Resp:	254035
Ion Ratio		Lower	Upper
139	100		
109	28.6	25.4	38.2
65	45.7	32.3	48.5





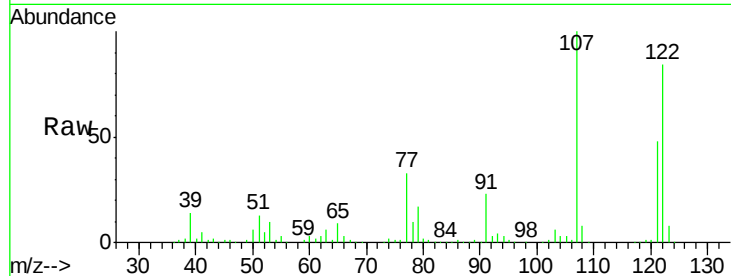
#27
 2,4-Dimethylphenol
 Concen: 39.99 ng
 RT: 7.63 min Scan# 485
 Delta R.T. -0.02 min
 Lab File: BF084835.D
 Acq: 4 Feb 2016 18:18

Instrument :
 BNA_F
 ClientSampleId :
 PB88185BS

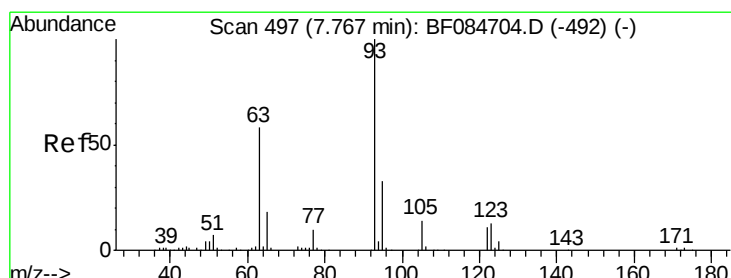
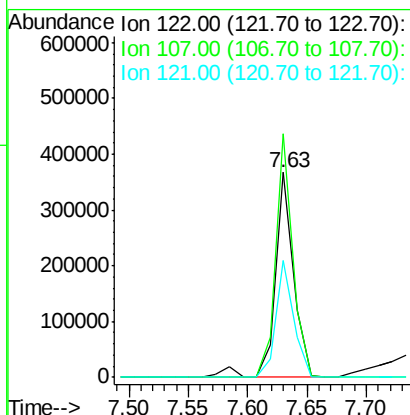
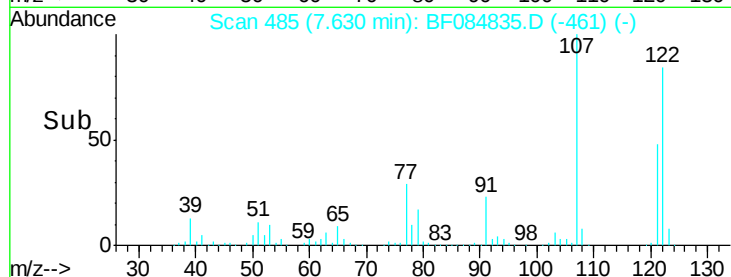
Tot Ion	Ratio	Resp	Lower	Upper
122	100	394907		
107	118.8	99.1	148.7	
121	57.3	47.9	71.9	

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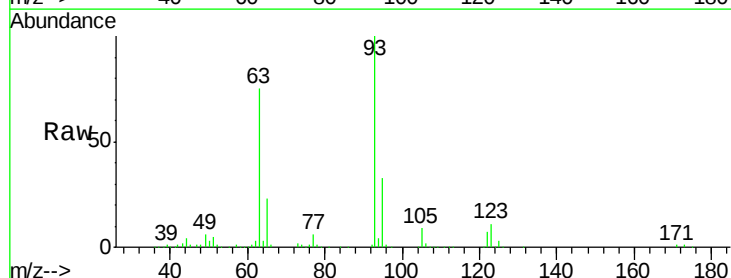


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

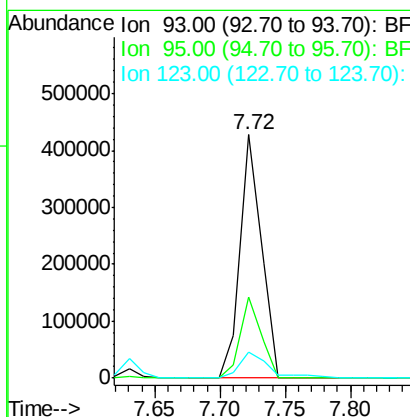
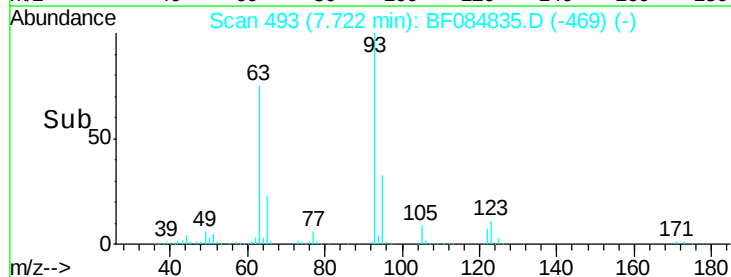


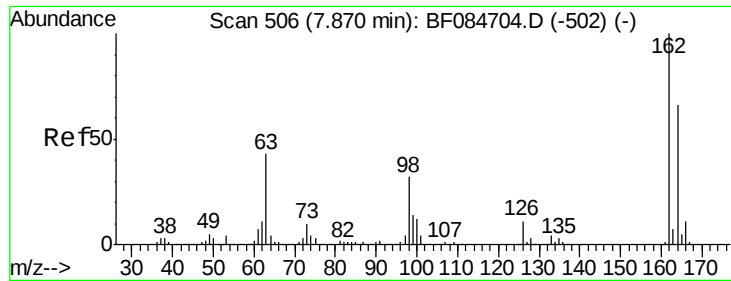
#28
 bis(2-Chloroethoxy)methane
 Concen: 39.01 ng
 RT: 7.72 min Scan# 493
 Delta R.T. -0.02 min
 Lab File: BF084835.D
 Acq: 4 Feb 2016 18:18

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	483761		
95	33.4	25.8	38.6	
123	10.7	8.6	12.8	



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





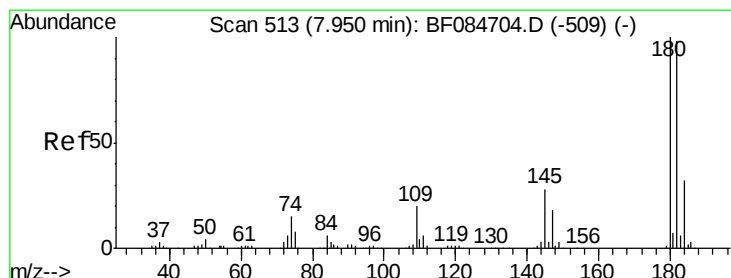
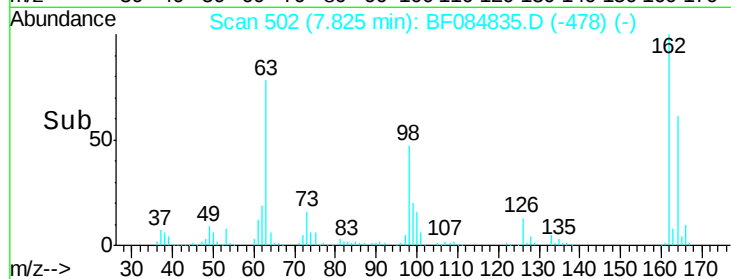
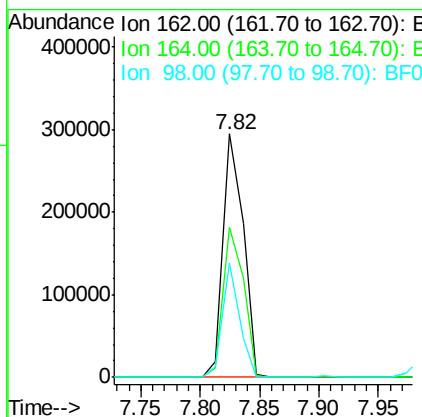
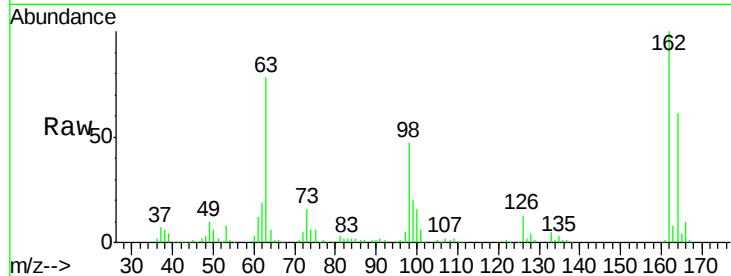
#29
2,4-Dichlorophenol
Concen: 41.17 ng
RT: 7.82 min Scan# 502
Delta R.T. -0.02 min
Lab File: BF084835.D
Acq: 4 Feb 2016 18:18

Instrument :
BNA_F
ClientSampleId :
PB88185BS

Tot Ion:	162	Resp:	347892
Ion Ratio	Lower	Upper	
162	100		
164	61.4	44.1	84.1
98	46.9	20.2	60.2

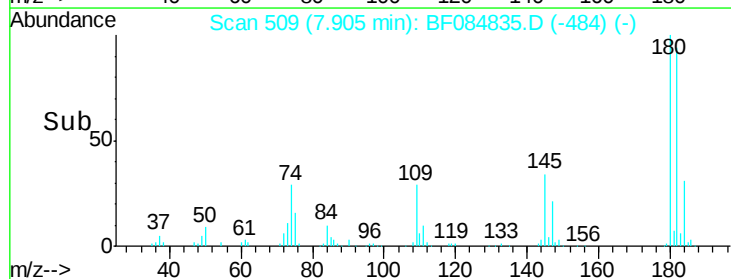
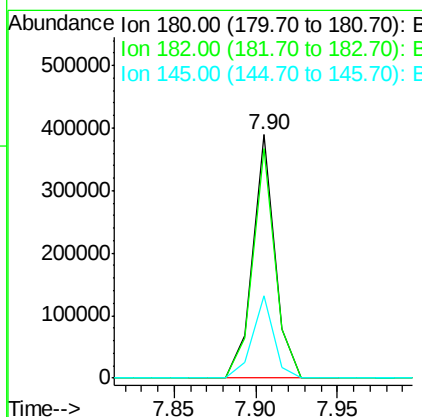
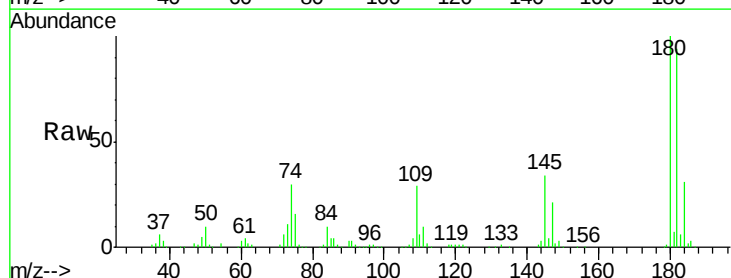
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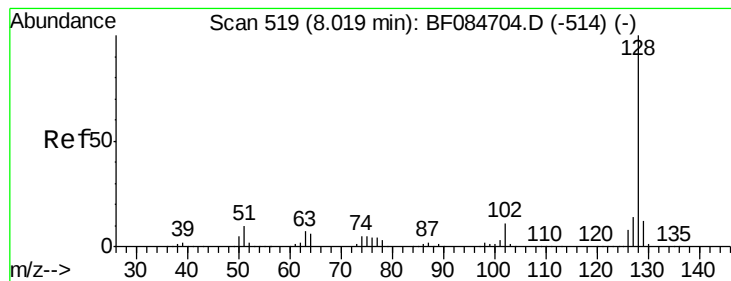
mohammad
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#30
1,2,4-Trichlorobenzene
Concen: 38.63 ng
RT: 7.90 min Scan# 509
Delta R.T. -0.01 min
Lab File: BF084835.D
Acq: 4 Feb 2016 18:18

Tgt Ion:	180	Resp:	368647
Ion Ratio	Lower	Upper	
180	100		
182	94.2	76.4	114.6
145	34.0	31.6	47.4





#31

Naphthalene

Concen: 40.95 ng

RT: 7.98 min Scan# 516

Delta R.T. -0.01 min

Lab File: BF084835.D

Acq: 4 Feb 2016 18:18

Instrument :

BNA_F

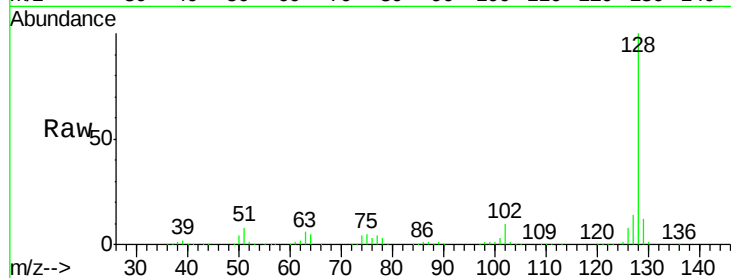
ClientSampleId :

PB88185BS

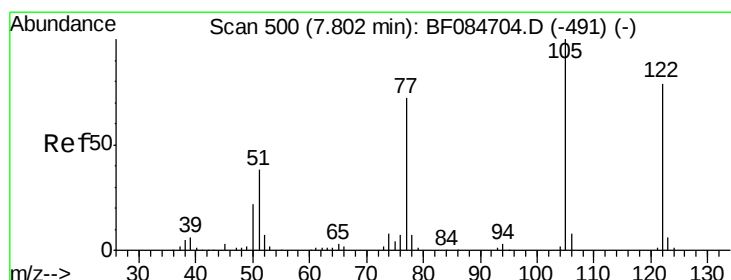
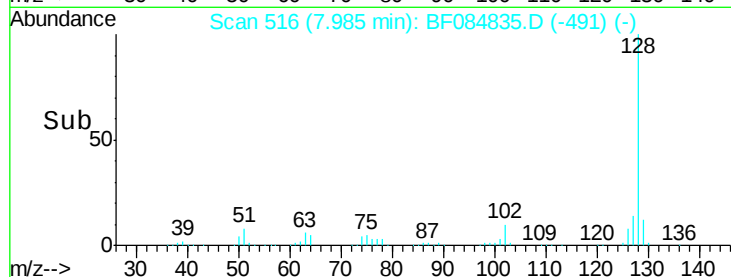
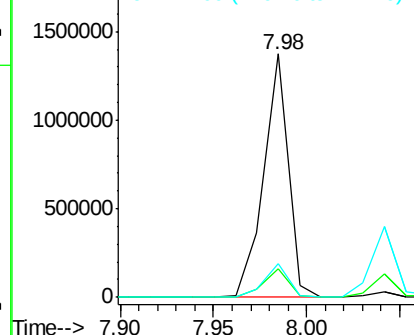
Tot Ion:	128	Resp:	1243913
Ion	Ratio	Lower	Upper
128	100		
129	11.7	9.1	13.7
127	14.0	11.1	16.7

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



#32

Benzoic acid

Concen: 36.02 ng

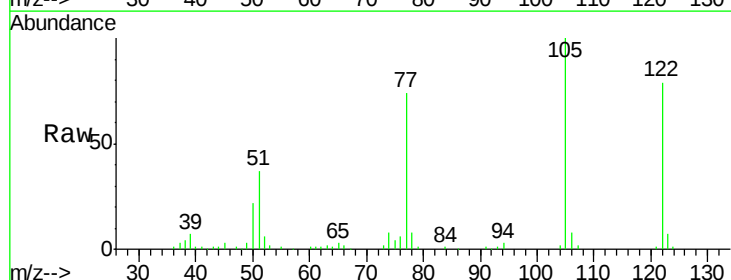
RT: 7.77 min Scan# 497

Delta R.T. -0.02 min

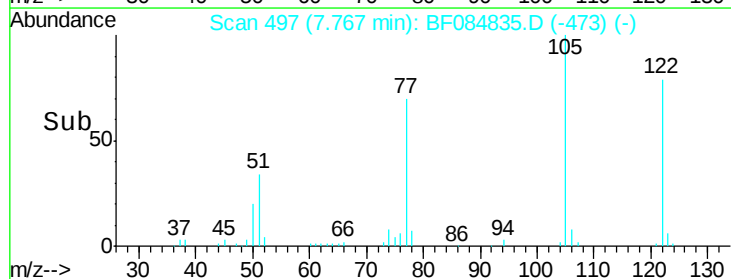
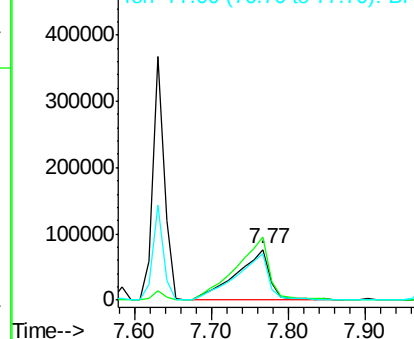
Lab File: BF084835.D

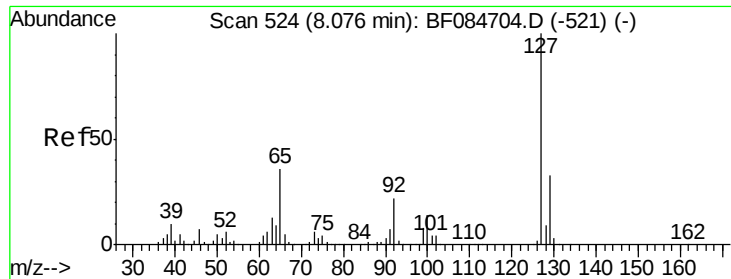
Acq: 4 Feb 2016 18:18

Tgt Ion:	122	Resp:	227530
Ion	Ratio	Lower	Upper
122	100		
105	126.0	100.3	140.3
77	93.0	63.5	103.5



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





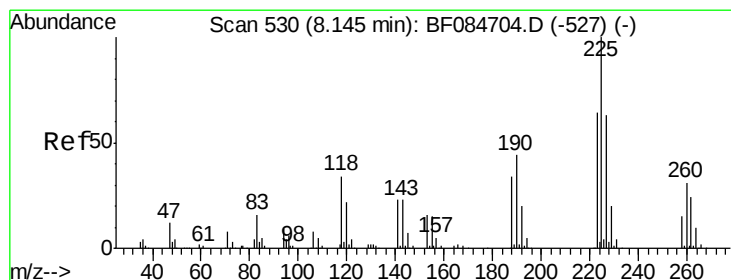
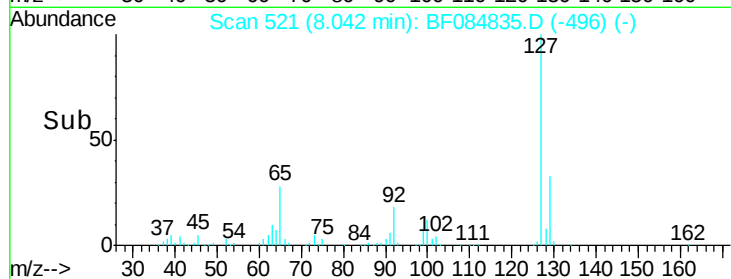
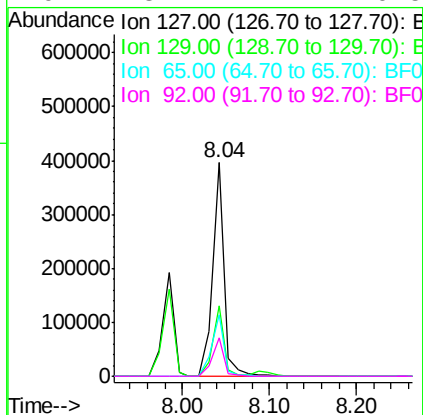
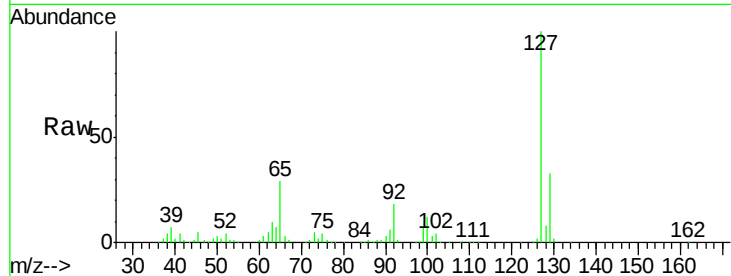
#33
4-Chloroaniline
Concen: 29.33 ng
RT: 8.04 min Scan# 521
Delta R.T. -0.01 min
Lab File: BF084835.D
Acq: 4 Feb 2016 18:18

Instrument :
BNA_F
ClientSampleId :
PB88185BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	32.7	26.5	39.7		
65	28.9	27.2	40.8		
92	18.2	17.7	26.5		

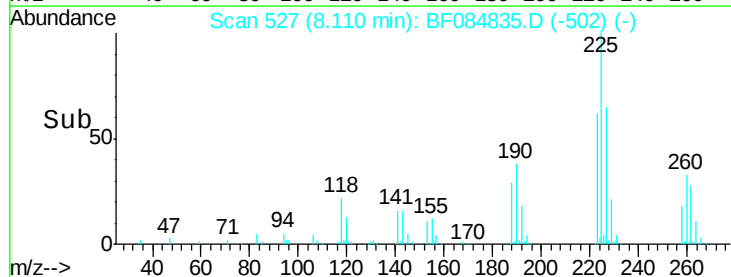
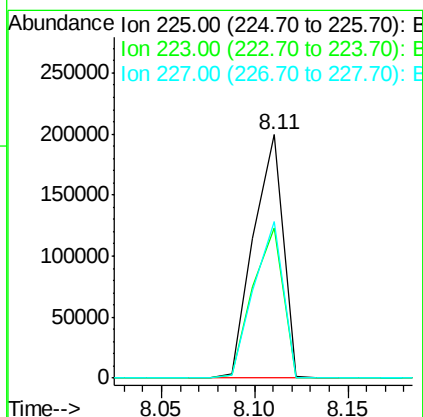
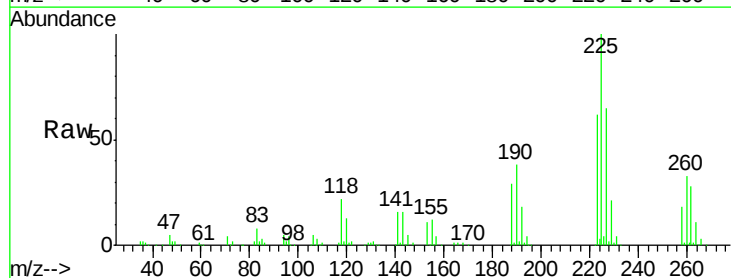
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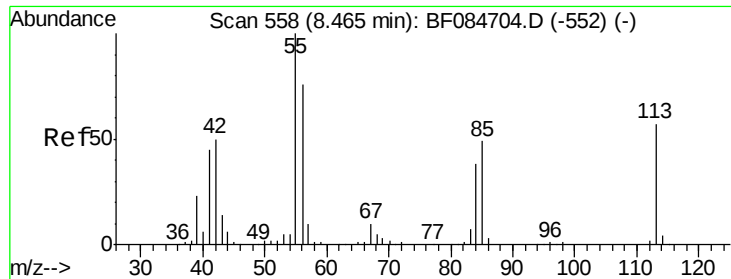
mohammad
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#34
Hexachlorobutadiene
Concen: 39.83 ng
RT: 8.11 min Scan# 527
Delta R.T. -0.01 min
Lab File: BF084835.D
Acq: 4 Feb 2016 18:18

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	61.7	49.4	74.0		
227	64.5	50.8	76.2		





#35

Caprolactam

Concen: 45.12 ng/ml

RT: 8.42 min Scan# 554

Delta R.T. -0.02 min

Lab File: BF084835.D

Acq: 4 Feb 2016 18:18

Instrument :

BNA_F

ClientSampleID :

PB88185BS

Tot Ion:113 Resp: 117504

Ion Ratio Lower Upper

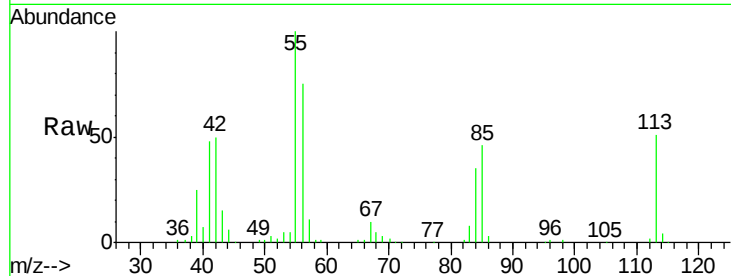
113 100

55 196.2 116.9 156.9#

56 147.2 93.8 133.8#

Manual Integrations
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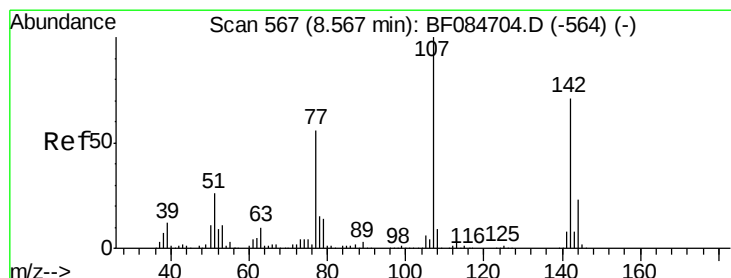
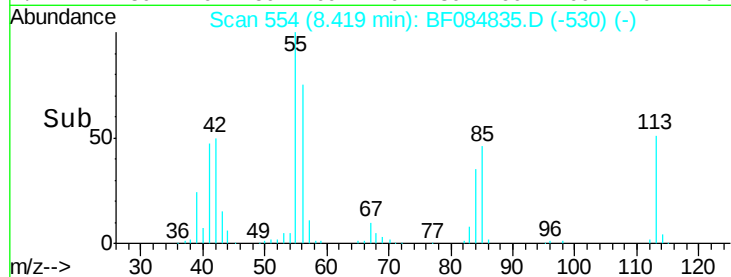
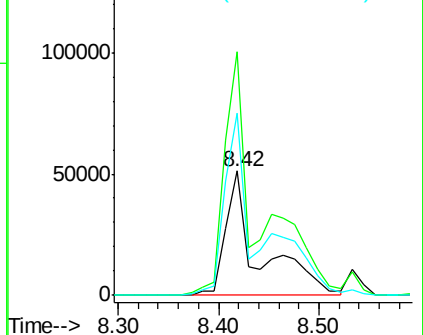
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Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 39.98 ng/ml

RT: 8.53 min Scan# 564

Delta R.T. -0.01 min

Lab File: BF084835.D

Acq: 4 Feb 2016 18:18

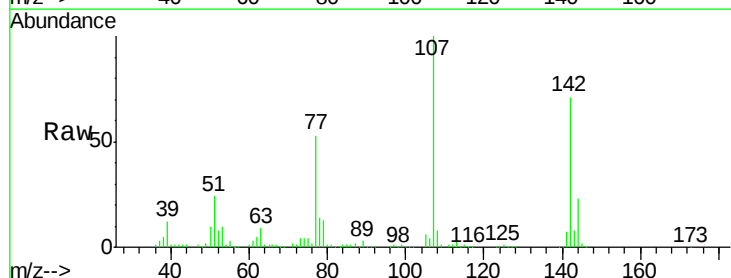
Tgt Ion:107 Resp: 385385

Ion Ratio Lower Upper

107 100

144 22.6 19.7 29.5

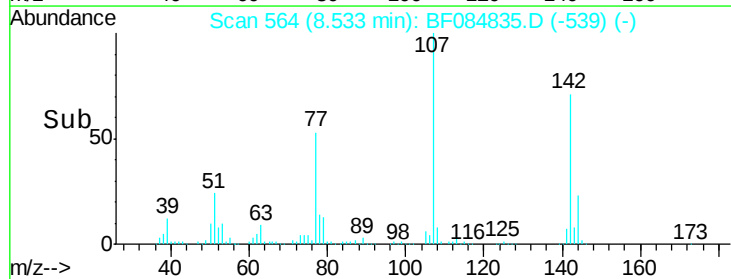
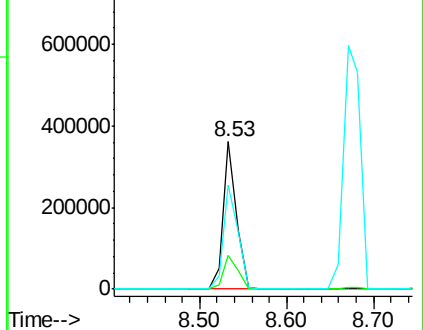
142 71.0 61.8 92.6

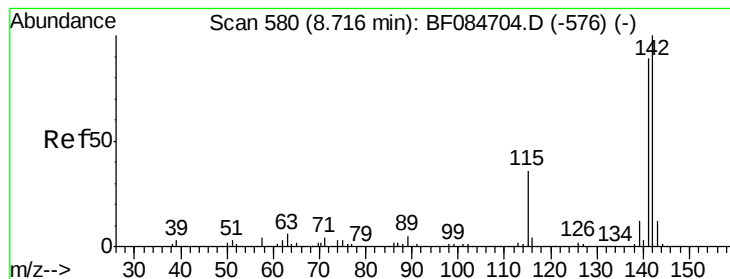


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





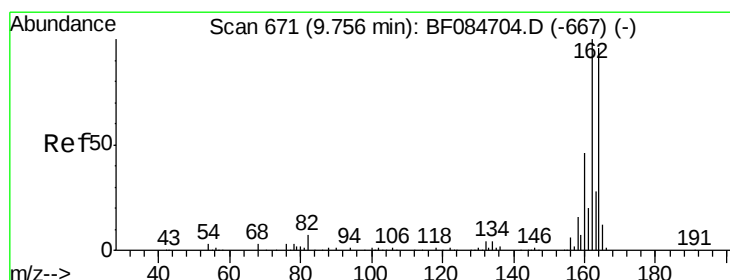
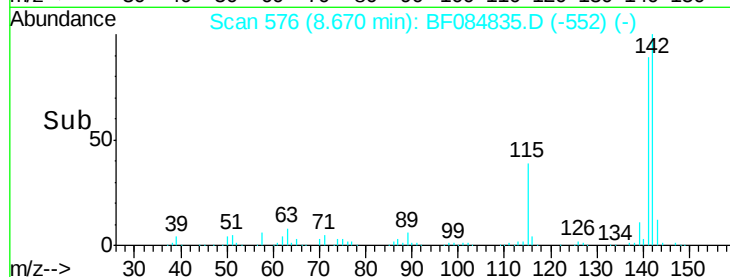
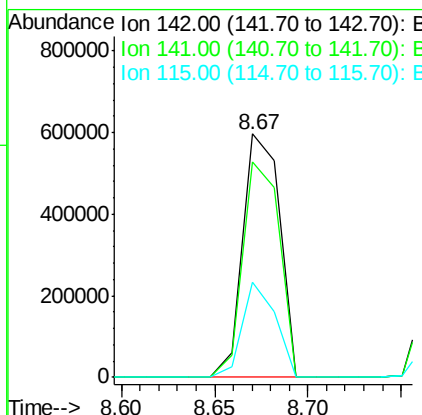
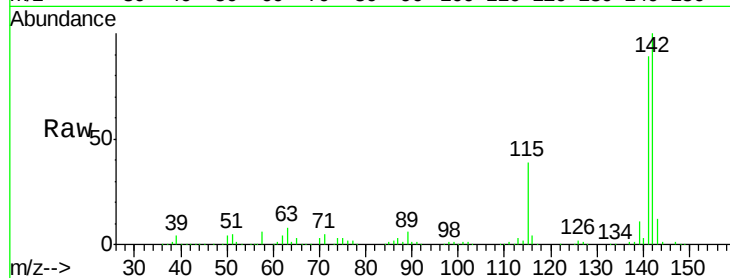
#37
 2-Methylnaphthalene
 Concen: 43.04 ng
 RT: 8.67 min Scan# 576
 Delta R.T. -0.02 min
 Lab File: BF084835.D
 Acq: 4 Feb 2016 18:18

Instrument :
 BNA_F
 ClientSampleId :
 PB88185BS

Tot Ion:	142	Resp:	818234
Ion Ratio	Lower	Upper	
142	100		
141	88.7	72.4	108.6
115	39.1	27.9	41.9

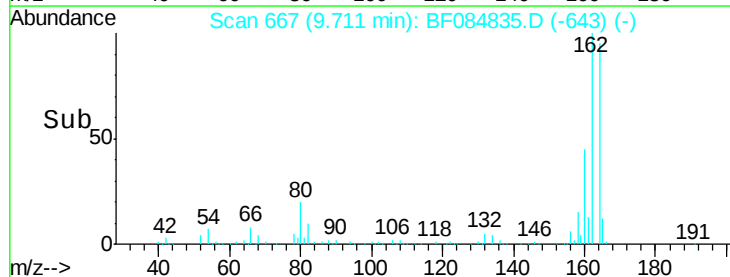
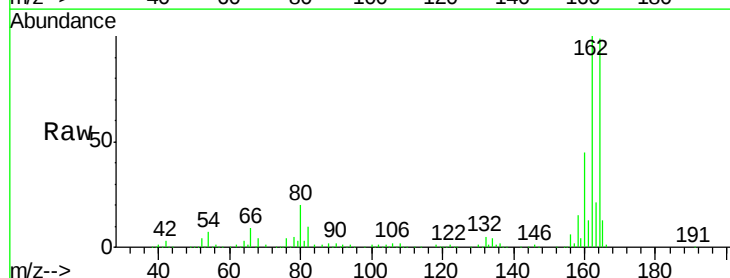
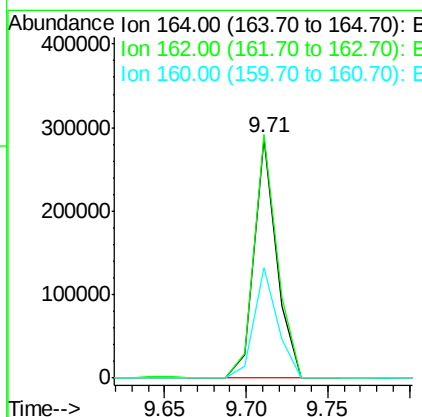
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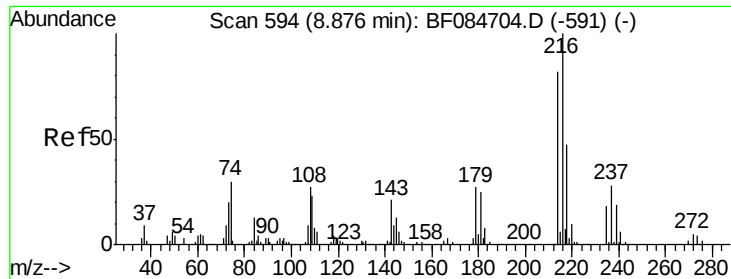
mohammad
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#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.71 min Scan# 667
 Delta R.T. -0.02 min
 Lab File: BF084835.D
 Acq: 4 Feb 2016 18:18

Tgt Ion:	164	Resp:	276535
Ion Ratio	Lower	Upper	
164	100		
162	101.4	85.1	127.7
160	45.9	37.5	56.3





#39

1,2,4,5-Tetrachlorobenzene

Concen: 39.23 ng

RT: 8.84 min Scan# 591

Delta R.T. -0.01 min

Lab File: BF084835.D

Acq: 4 Feb 2016 18:18

Instrument :

BNA_F

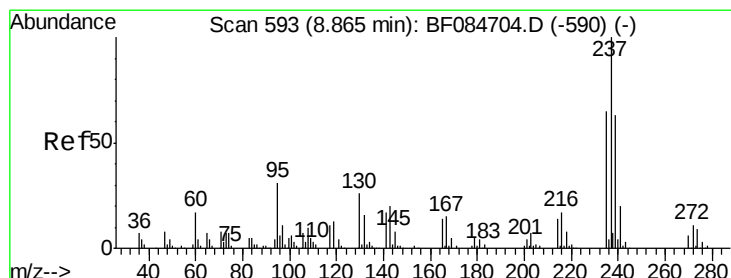
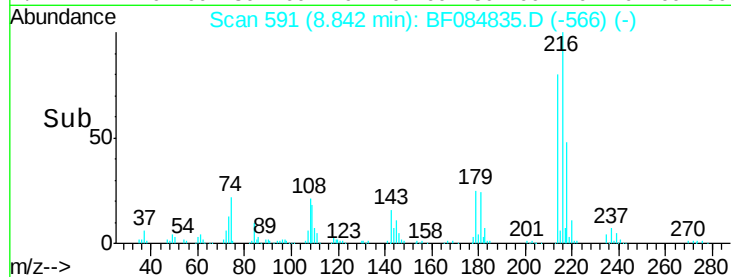
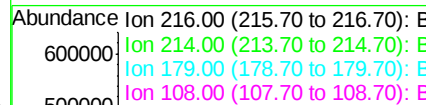
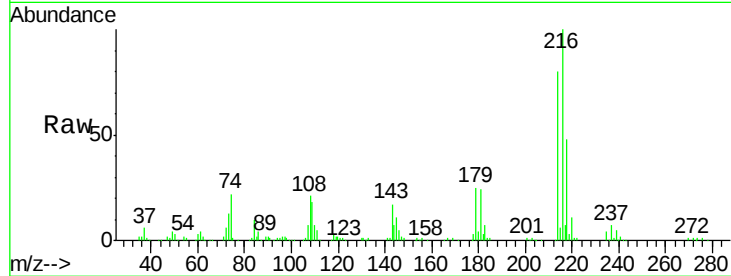
ClientSampleId :

PB88185BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
216	100				
214	79.8		64.2	96.2	
179	24.3		18.7	28.1	
108	24.5		16.8	25.2	

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#40

Hexachlorocyclopentadiene

Concen: 83.60 ng

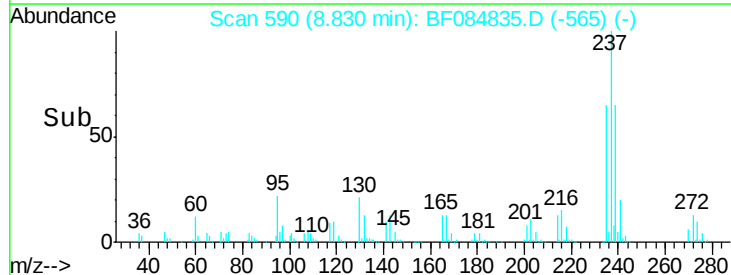
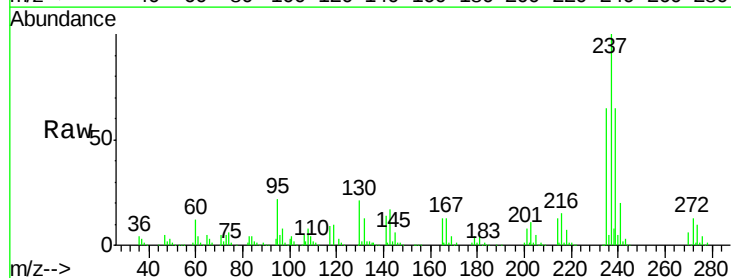
RT: 8.83 min Scan# 590

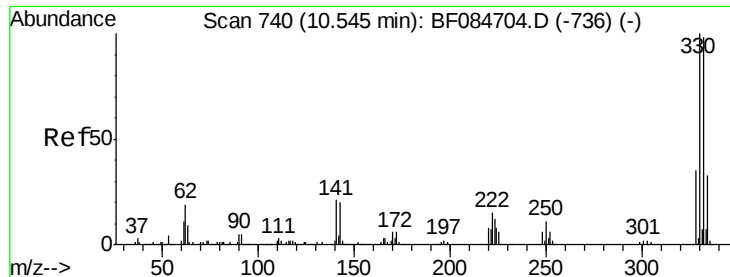
Delta R.T. -0.01 min

Lab File: BF084835.D

Acq: 4 Feb 2016 18:18

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
237	100				
235	64.8		43.1	83.1	
272	12.6		0.0	35.1	





#41

2,4,6-Tribromophenol

Concen: 132.17 ng

RT: 10.51 min Scan# 737

Delta R.T. -0.01 min

Lab File: BF084835.D

Acq: 4 Feb 2016 18:18

Instrument :

BNA_F

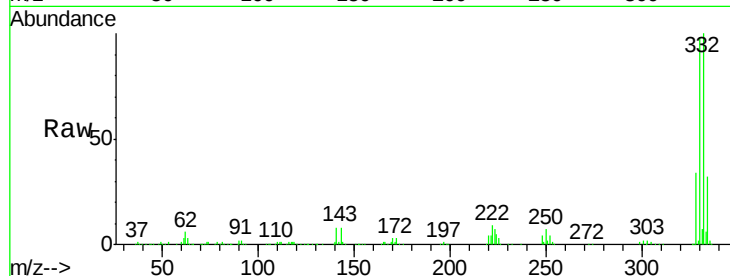
ClientSampleId :

PB88185BS

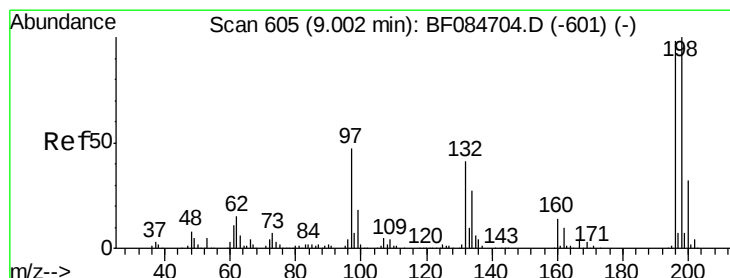
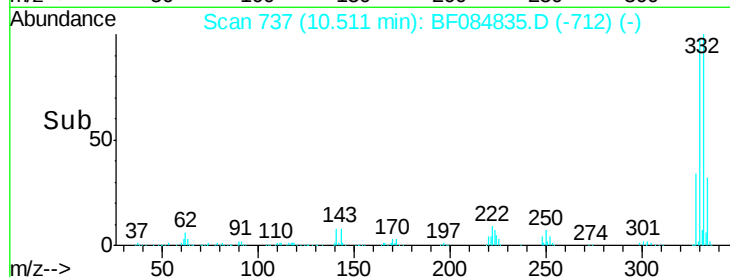
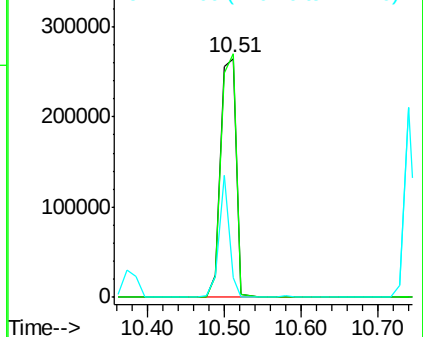
Tot Ion:	330	Resp:	381242
Ion Ratio	Lower	Upper	
330	100		
332	99.3	76.6	114.8
141	33.3	27.8	41.6

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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: 40.64 ng

RT: 8.96 min Scan# 601

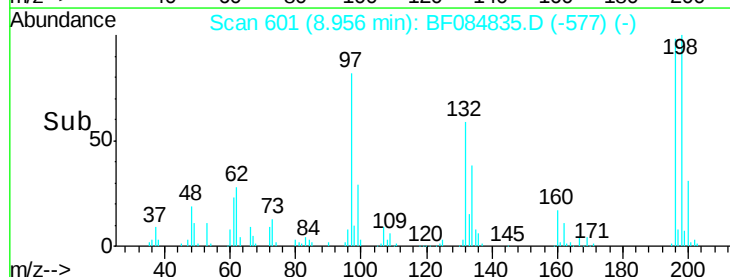
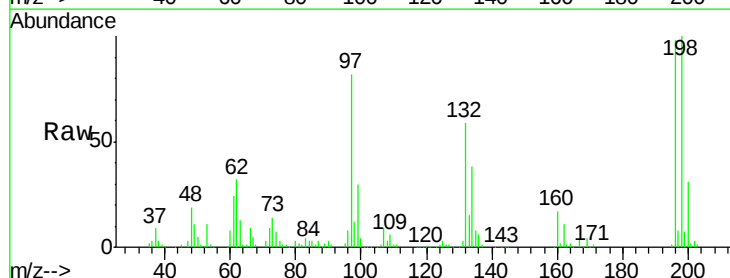
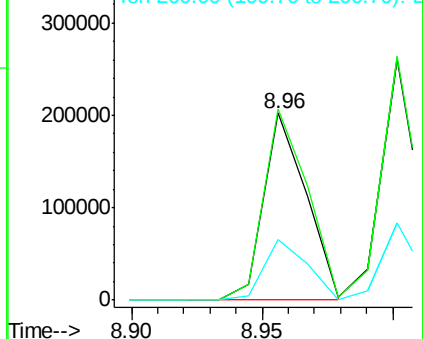
Delta R.T. -0.02 min

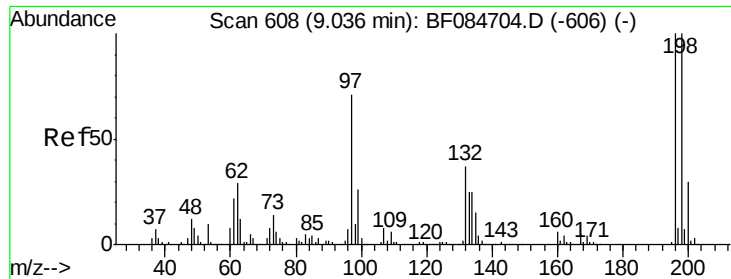
Lab File: BF084835.D

Acq: 4 Feb 2016 18:18

Tgt Ion:	196	Resp:	229940
Ion Ratio	Lower	Upper	
196	100		
198	102.0	77.7	116.5
200	32.0	24.6	37.0

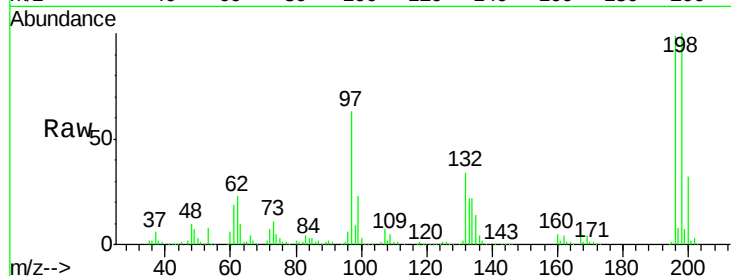
Abundance Ion 196.00 (195.70 to 196.70): E
Ion 198.00 (197.70 to 198.70): E
Ion 200.00 (199.70 to 200.70): E





#43
 2,4,5-Trichlorophenol
 Concen: 43.52 ng
 RT: 9.00 min Scan# 605
 Delta R.T. -0.01 min
 Lab File: BF084835.D
 Acq: 4 Feb 2016 18:18

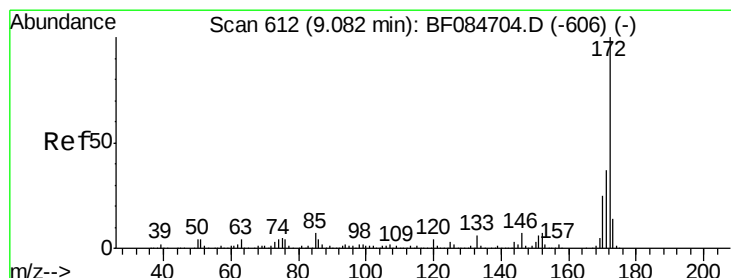
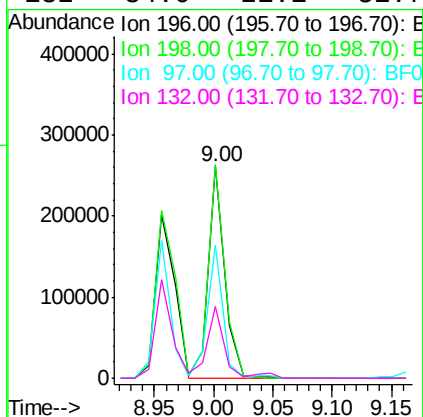
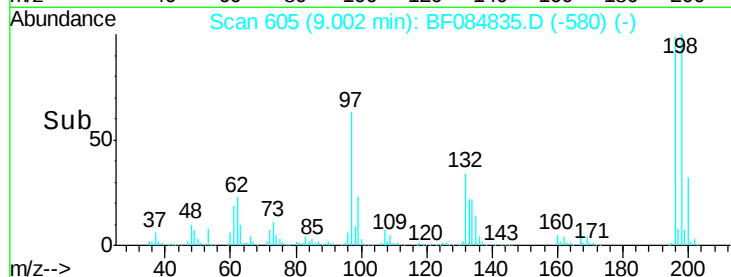
Instrument :
 BNA_F
 ClientSampleId :
 PB88185BS



Tot Ion	Ratio	Resp	Lower	Upper
196	100			
198	100.8	79.0	118.6	
97	63.1	33.0	49.6	
132	34.0	21.1	31.7	

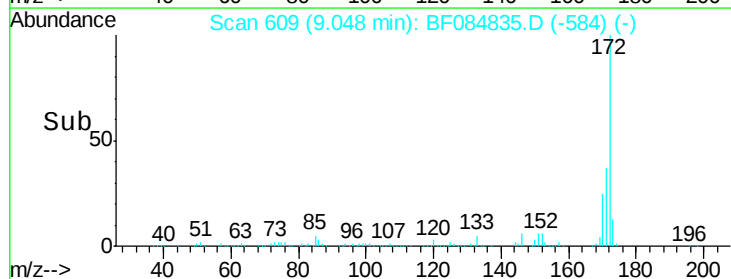
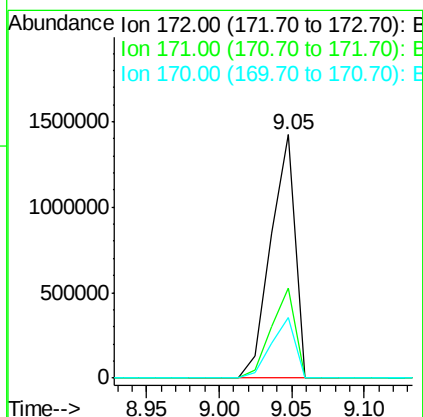
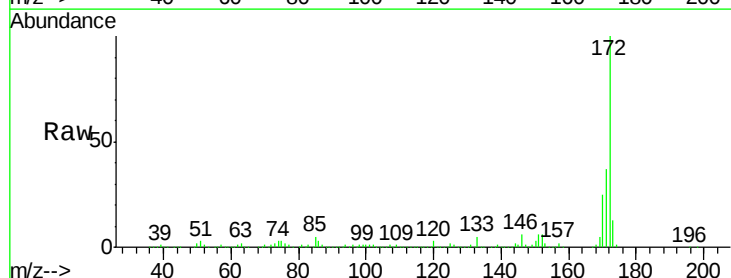
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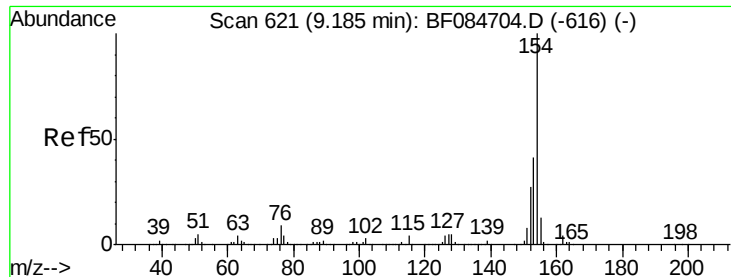
mohammad
 2/5/2016 1:48:41 PM



#44
 2-Fluorobiphenyl
 Concen: 113.58 ng
 RT: 9.05 min Scan# 609
 Delta R.T. -0.01 min
 Lab File: BF084835.D
 Acq: 4 Feb 2016 18:18

Tgt Ion	Ratio	Resp	Lower	Upper
172	100			
171	36.9	28.9	43.3	
170	24.8	18.6	27.8	





#45

1,1'-Biphenyl

Concen: 37.57 ng

RT: 9.14 min Scan# 617

Delta R.T. -0.02 min

Lab File: BF084835.D

Acq: 4 Feb 2016 18:18

Instrument :

BNA_F

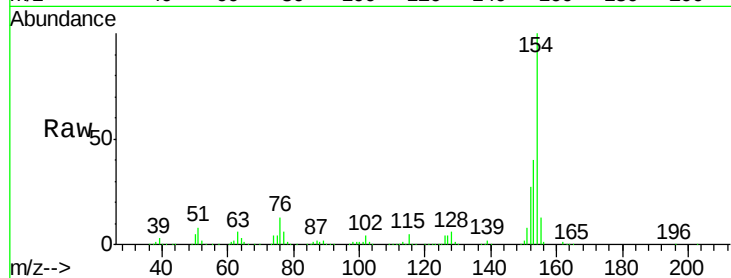
ClientSampleId :

PB88185BS

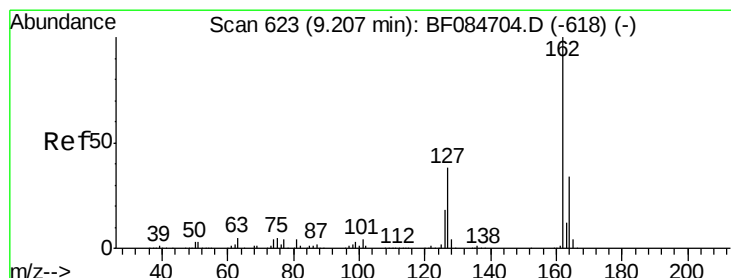
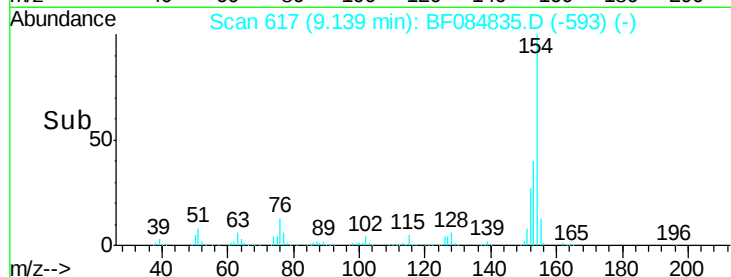
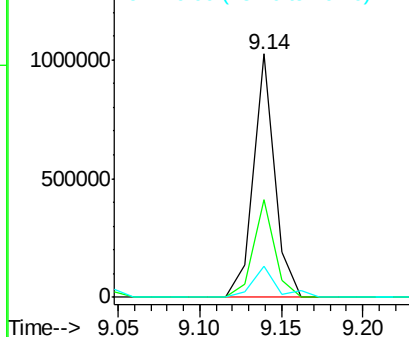
Tot Ion:	154	Resp:	927988
Ion Ratio	Lower	Upper	
154	100		
153	40.3	21.6	61.6
76	13.0	0.0	32.7

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



#46

2-Chloronaphthalene

Concen: 40.50 ng

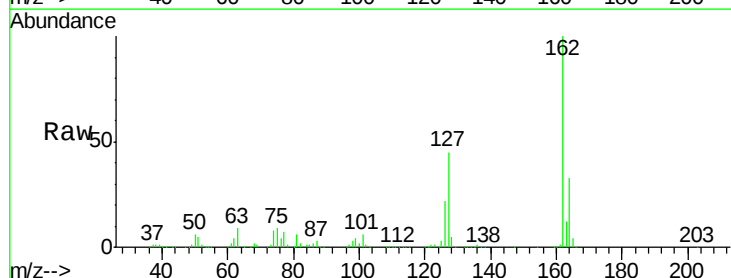
RT: 9.16 min Scan# 619

Delta R.T. -0.01 min

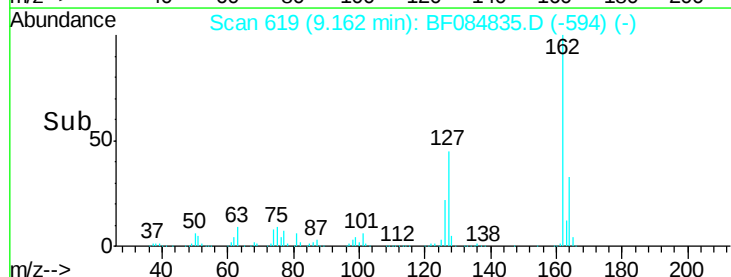
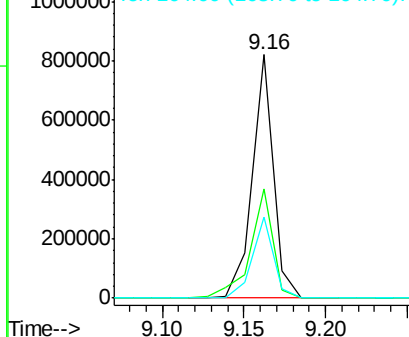
Lab File: BF084835.D

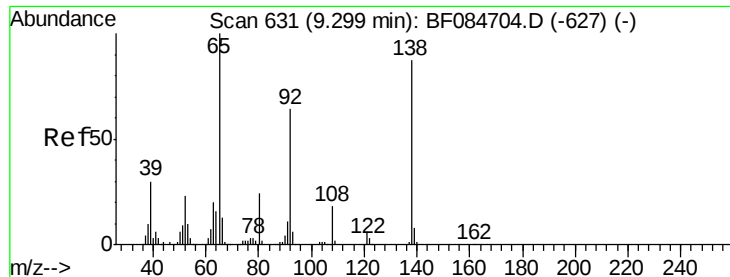
Acq: 4 Feb 2016 18:18

Tgt Ion:	162	Resp:	736684
Ion Ratio	Lower	Upper	
162	100		
127	44.8	40.2	60.4
164	33.2	25.7	38.5



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





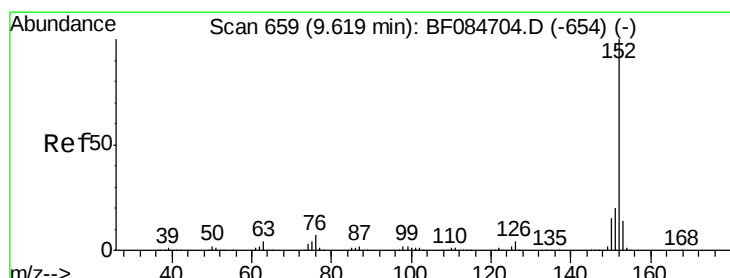
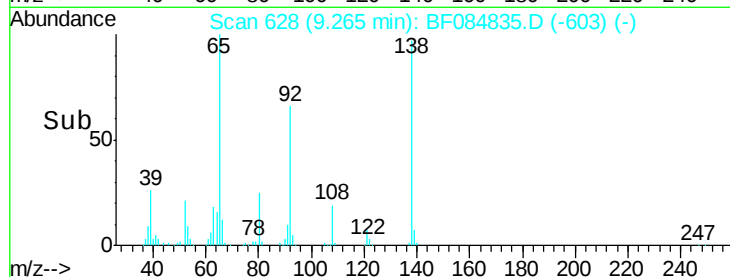
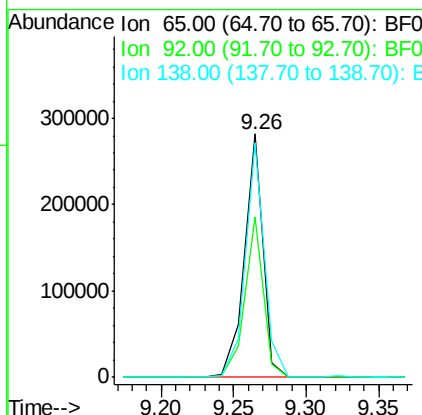
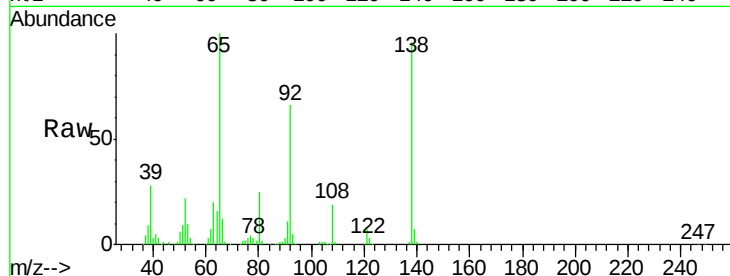
#47
2-Nitroaniline
Concen: 43.36 ng
RT: 9.26 min Scan# 628
Delta R.T. -0.01 min
Lab File: BF084835.D
Acq: 4 Feb 2016 18:18

Instrument :
BNA_F
ClientSampleId :
PB88185BS

Tot Ion	Ratio	Lower	Upper
65	100		
92	65.9	53.4	80.2
138	96.3	71.1	106.7

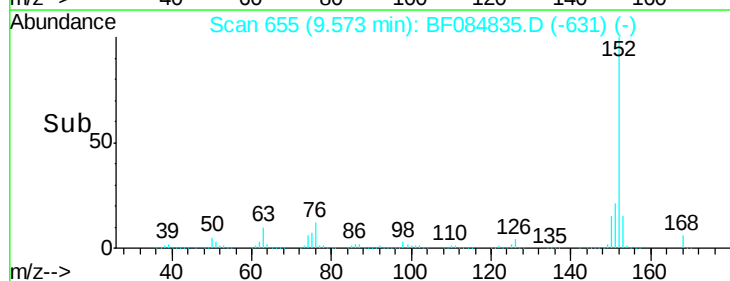
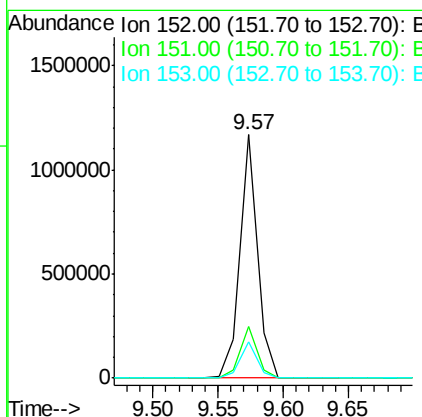
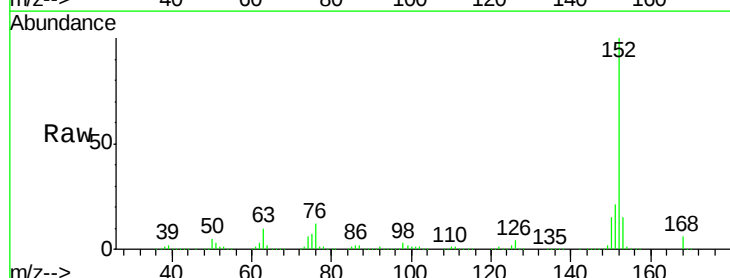
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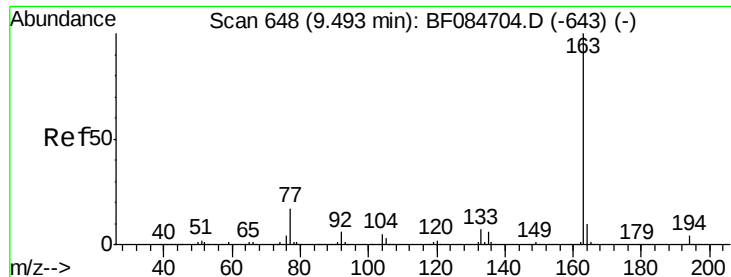
mohammad
2/5/2016 1:48:41 PM



#48
Acenaphthylene
Concen: 39.32 ng
RT: 9.57 min Scan# 655
Delta R.T. -0.02 min
Lab File: BF084835.D
Acq: 4 Feb 2016 18:18

Tgt Ion	Ratio	Lower	Upper
152	100		
151	21.1	16.3	24.5
153	14.8	10.4	15.6





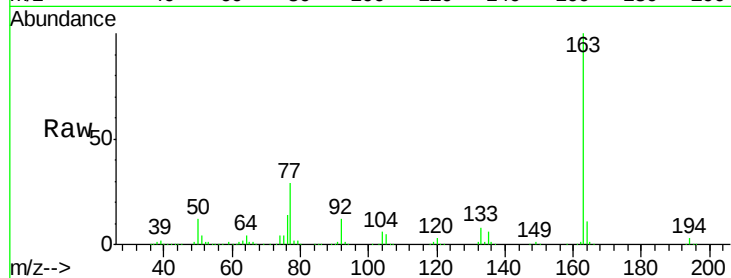
#49
Dimethylphthalate
Concen: 41.30 ng
RT: 9.45 min Scan# 644
Delta R.T. -0.02 min
Lab File: BF084835.D
Acq: 4 Feb 2016 18:18

Instrument :
BNA_F
ClientSampleId :
PB88185BS

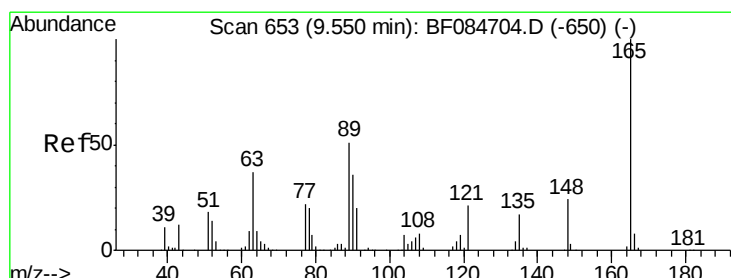
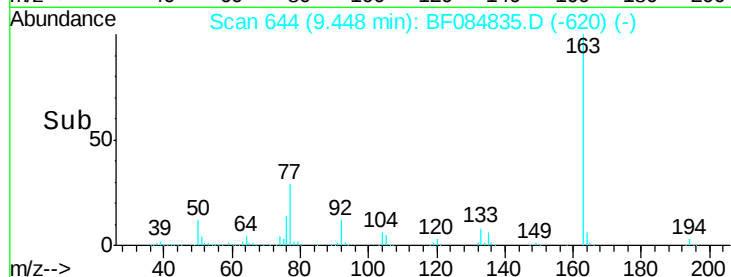
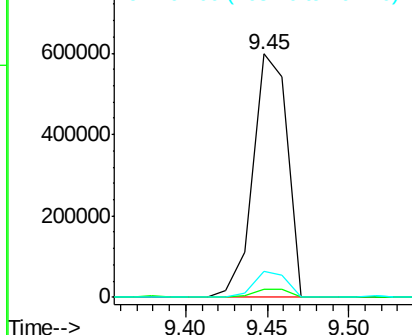
Tot Ion	Ratio	Resp Lower	Resp Upper
163	100		
194	3.1	8.0	12.0#
164	10.8	8.0	12.0

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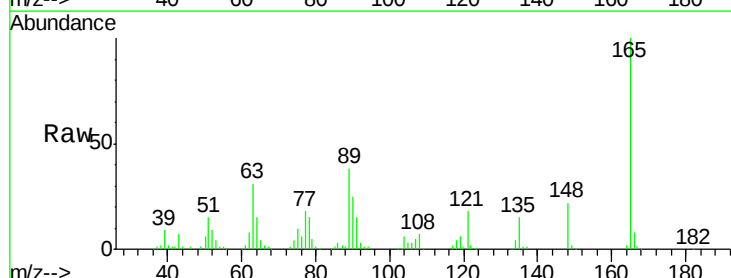


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

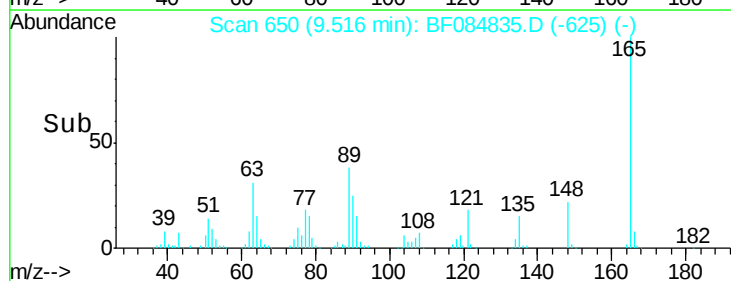
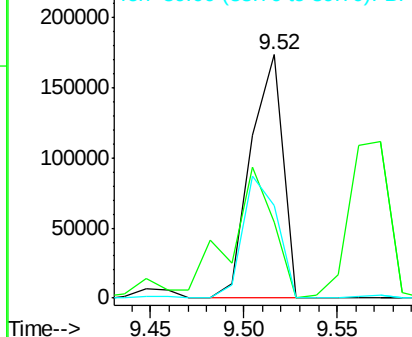


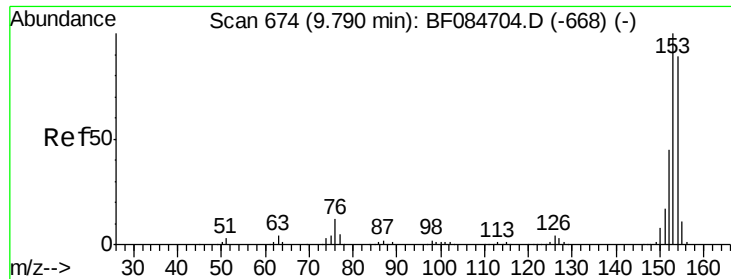
#50
2,6-Dinitrotoluene
Concen: 44.96 ng
RT: 9.52 min Scan# 650
Delta R.T. -0.01 min
Lab File: BF084835.D
Acq: 4 Feb 2016 18:18

Tgt Ion	Ratio	Resp Lower	Resp Upper
165	100		
63	31.2	28.8	43.2
89	38.1	35.1	52.7



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0





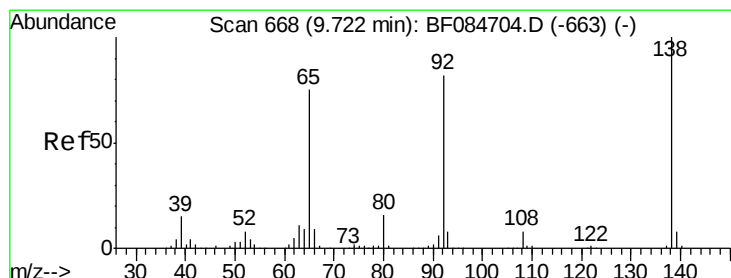
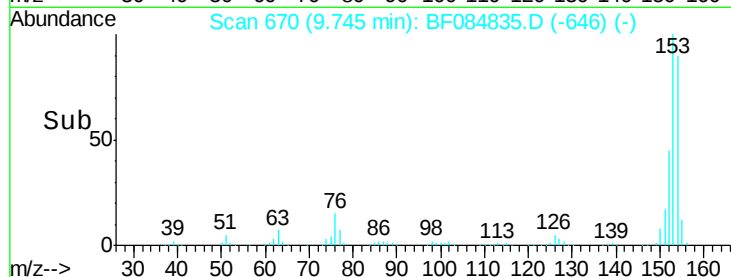
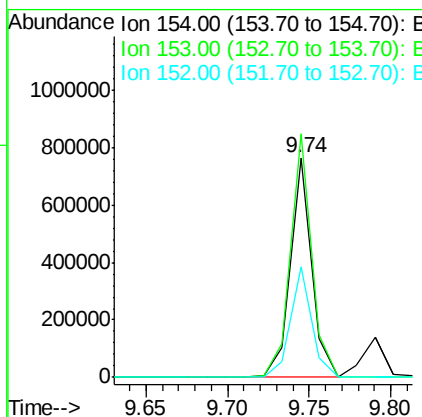
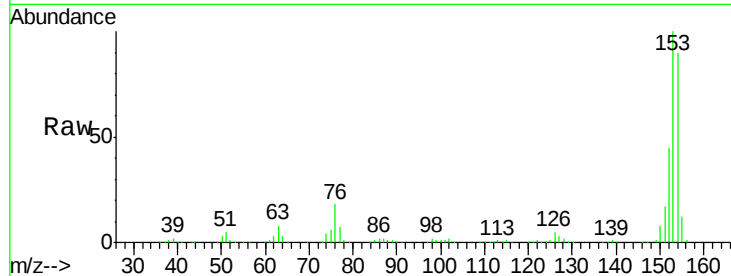
#51
Acenaphthene
Concen: 38.56 ng
RT: 9.74 min Scan# 670
Delta R.T. -0.02 min
Lab File: BF084835.D
Acq: 4 Feb 2016 18:18

Instrument :
BNA_F
ClientSampleId :
PB88185BS

Tot Ion	Ratio	Lower	Upper
154	100		
153	111.0	91.5	137.3
152	50.2	43.0	64.6

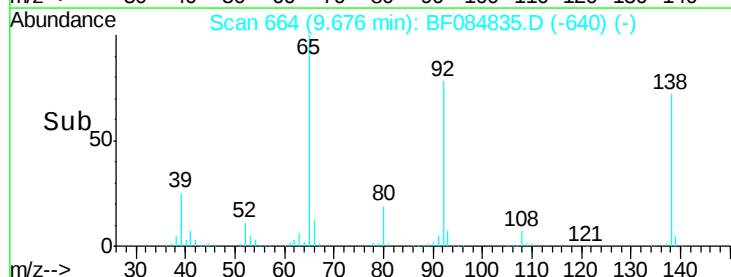
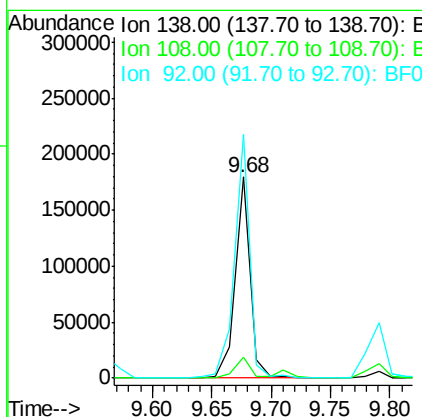
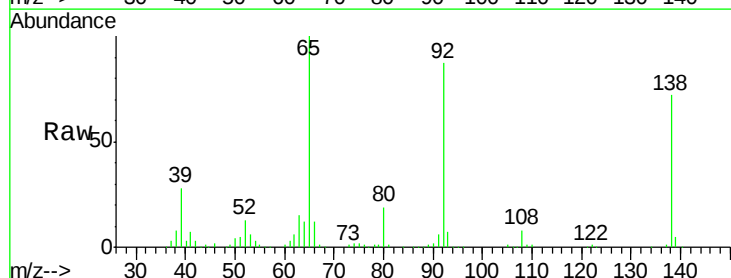
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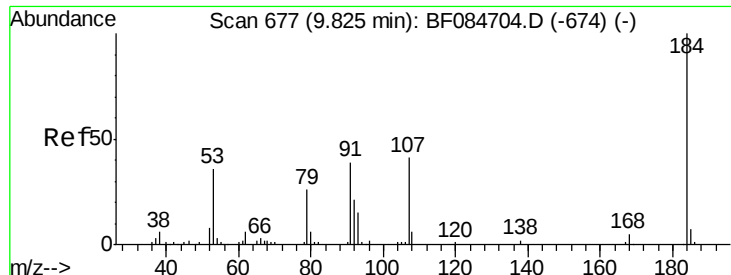
mohammad
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#52
3-Nitroaniline
Concen: 30.41 ng
RT: 9.68 min Scan# 664
Delta R.T. -0.02 min
Lab File: BF084835.D
Acq: 4 Feb 2016 18:18

Tgt Ion	Ratio	Lower	Upper
138	100		
108	10.7	10.5	15.7
92	121.2	103.9	155.9





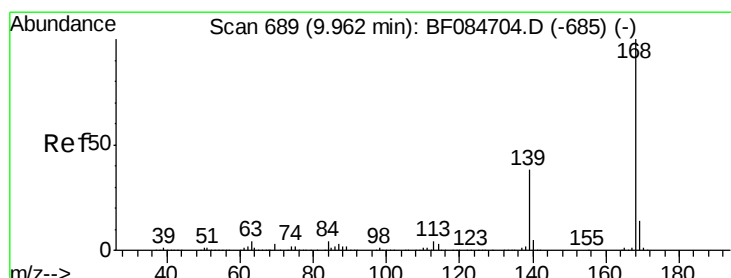
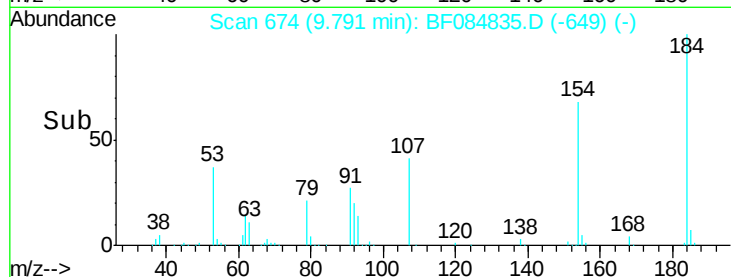
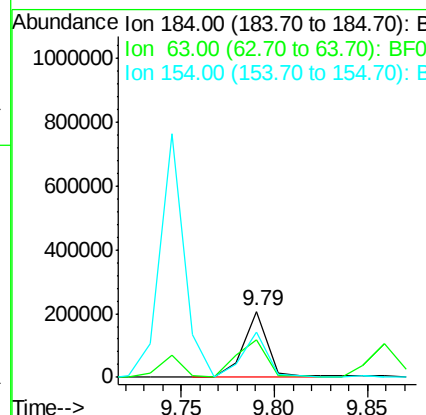
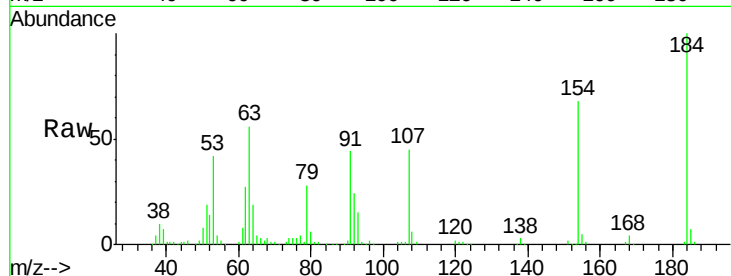
#53
2,4-Dinitrophenol
Concen: 89.58 ng
RT: 9.79 min Scan# 674
Delta R.T. -0.01 min
Lab File: BF084835.D
Acq: 4 Feb 2016 18:18

Instrument :
BNA_F
ClientSampleId :
PB88185BS

Tot Ion	Ratio	Resp	Lower	Upper
184	100	191835		
63	55.9	43.1	64.7	
154	68.1	60.5	90.7	

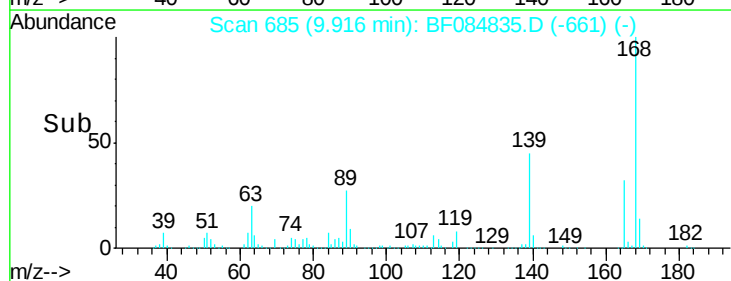
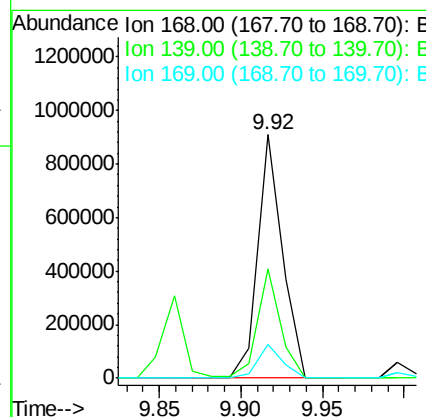
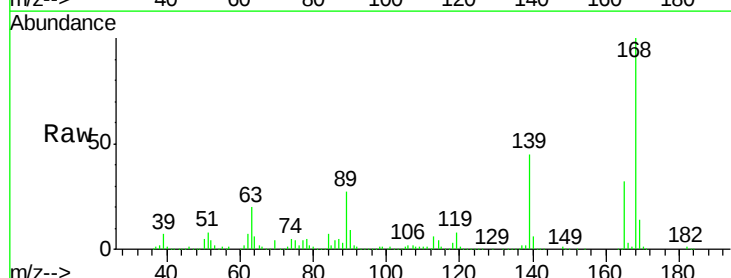
Manual Integrations
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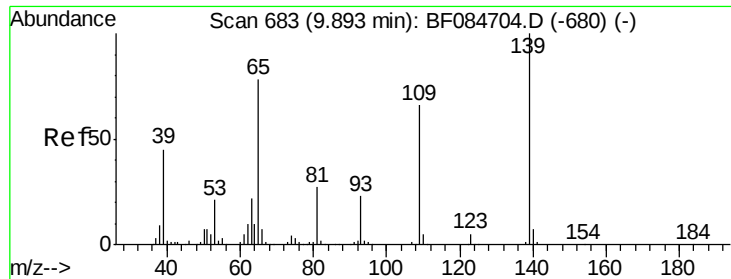
mohammad
2/5/2016 1:48:41 PM



#54
Dibenzofuran
Concen: 43.63 ng
RT: 9.92 min Scan# 685
Delta R.T. -0.02 min
Lab File: BF084835.D
Acq: 4 Feb 2016 18:18

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	957611		
139	44.9	30.5	45.7	
169	13.9	10.4	15.6	





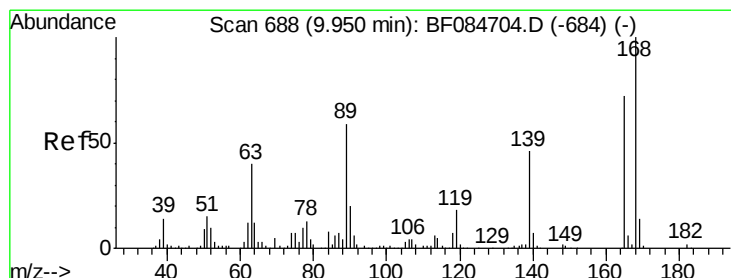
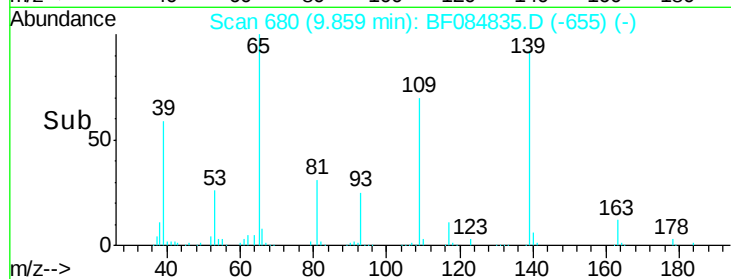
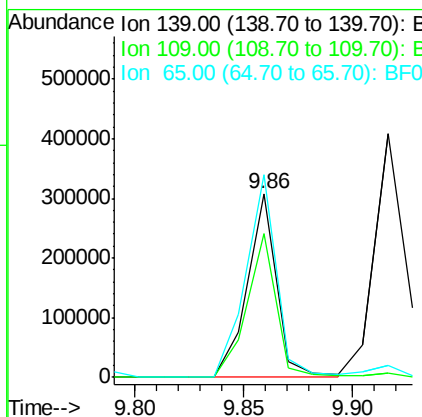
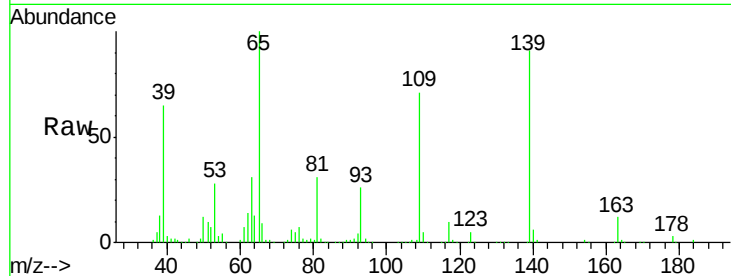
#55
4-Nitrophenol
Concen: 76.27 ng
RT: 9.86 min Scan# 680
Delta R.T. -0.01 min
Lab File: BF084835.D
Acq: 4 Feb 2016 18:18

Instrument :
BNA_F
ClientSampleId :
PB88185BS

Tot Ion	Ratio	Resp	Lower	Upper
139	100	289830		
109	77.9	58.5	98.5	
65	110.0	57.6	97.6	

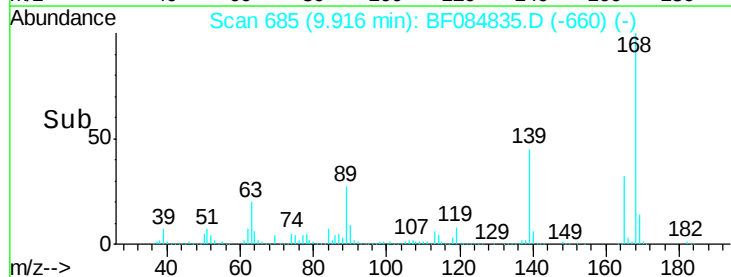
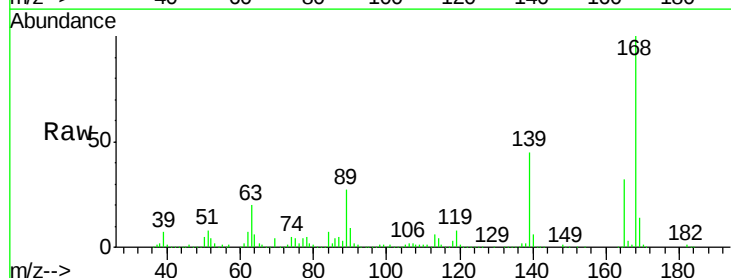
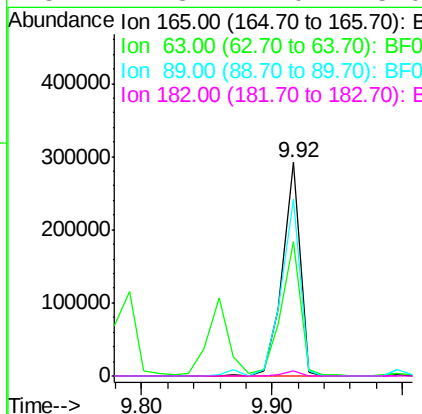
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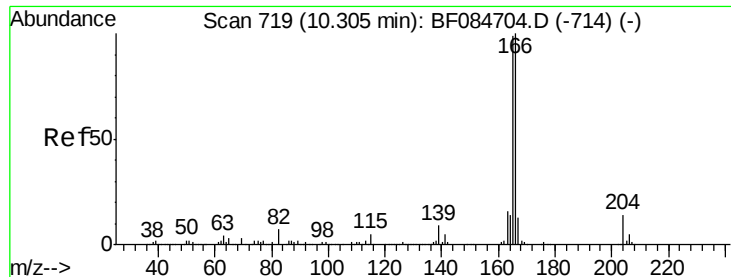
mohammad
2/5/2016 1:48:41 PM



#56
2,4-Dinitrotoluene
Concen: 46.60 ng
RT: 9.92 min Scan# 685
Delta R.T. -0.01 min
Lab File: BF084835.D
Acq: 4 Feb 2016 18:18

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	273489		
63	62.9	36.7	55.1	
89	83.0	61.9	92.9	
182	2.3	2.0	3.0	





#57

Fluorene

Concen: 41.80 ng

RT: 10.26 min Scan# 715

Delta R.T. -0.01 min

Lab File: BF084835.D

Acq: 4 Feb 2016 18:18

Instrument :

BNA_F

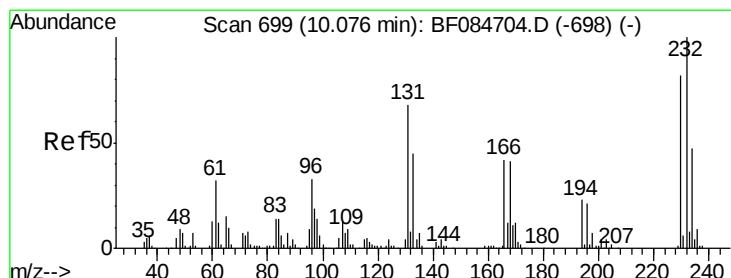
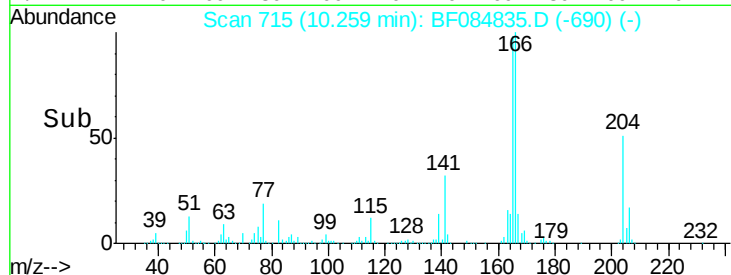
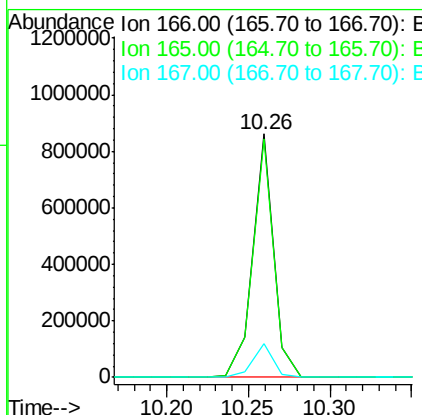
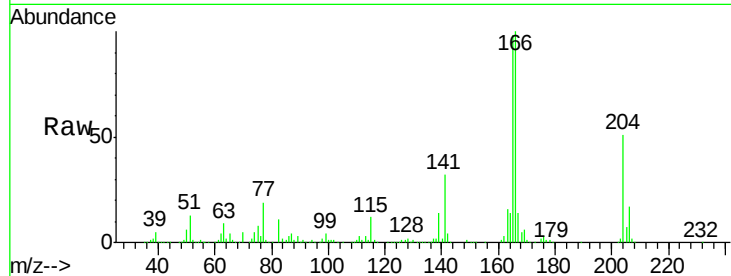
ClientSampleId :

PB88185BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
166	100		766053		
165	98.0		79.1	118.7	
167	13.9		10.4	15.6	

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#58

2,3,4,6-Tetrachlorophenol

Concen: 49.94 ng

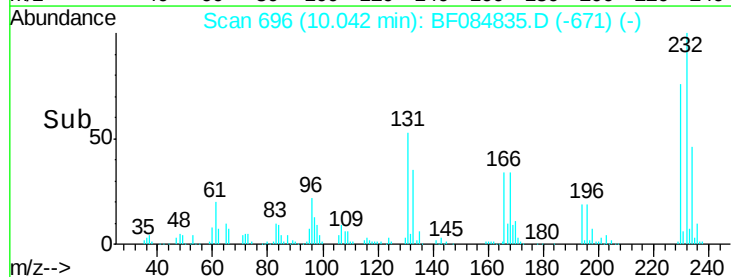
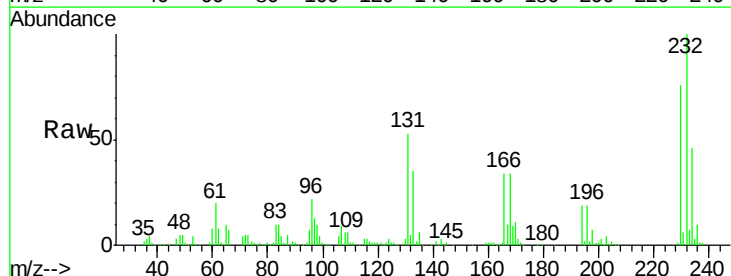
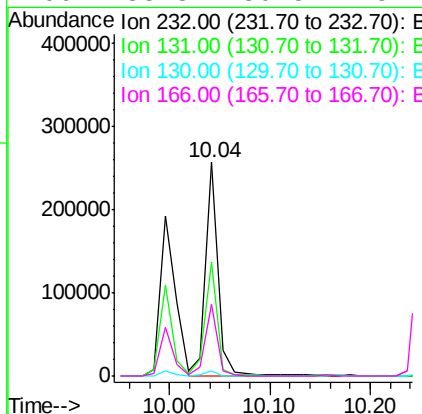
RT: 10.04 min Scan# 696

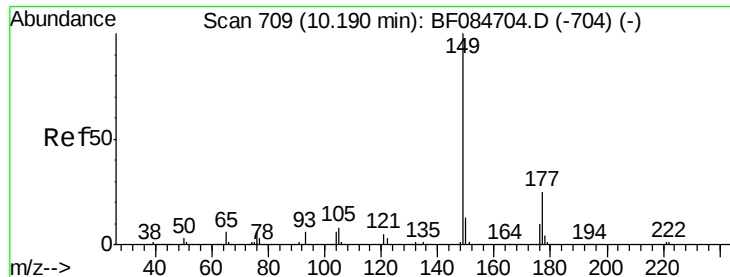
Delta R.T. -0.01 min

Lab File: BF084835.D

Acq: 4 Feb 2016 18:18

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
232	100		218549		
131	53.4		47.0	70.6	
130	2.5		2.0	3.0	
166	33.8		30.5	45.7	





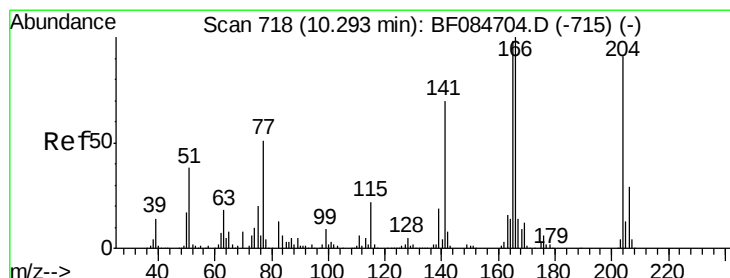
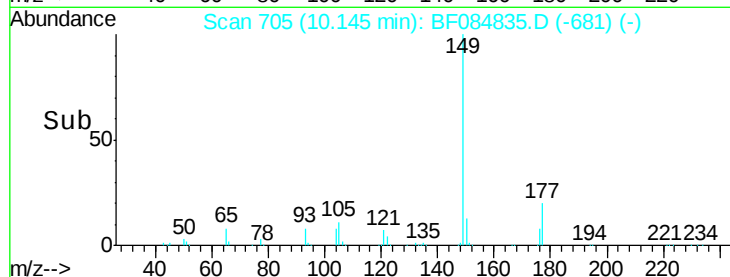
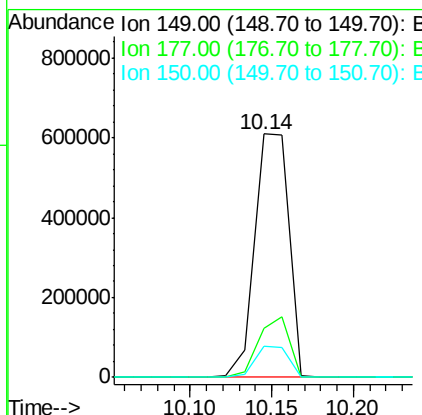
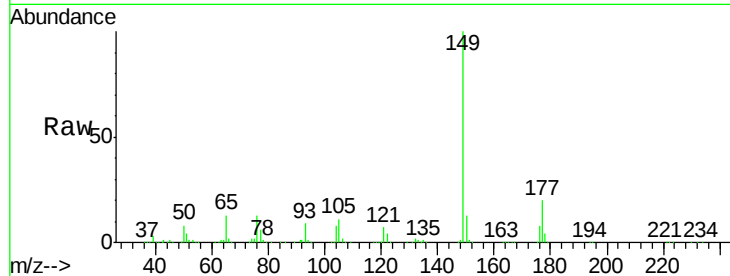
#59
Diethylphthalate
Concen: 43.09 ng
RT: 10.14 min Scan# 705
Delta R.T. -0.02 min
Lab File: BF084835.D
Acq: 4 Feb 2016 18:18

Instrument :
BNA_F
ClientSampleId :
PB88185BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	886234		
177	20.1	17.3	25.9	
150	12.9	9.8	14.8	

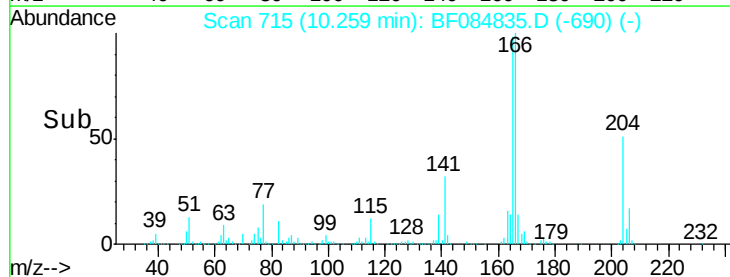
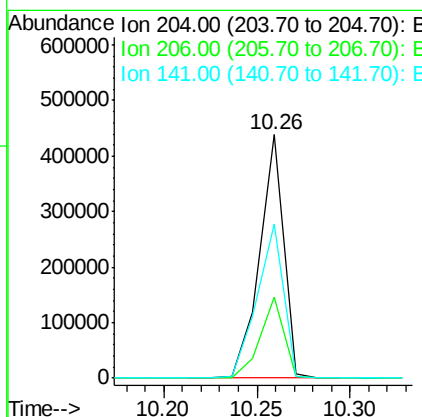
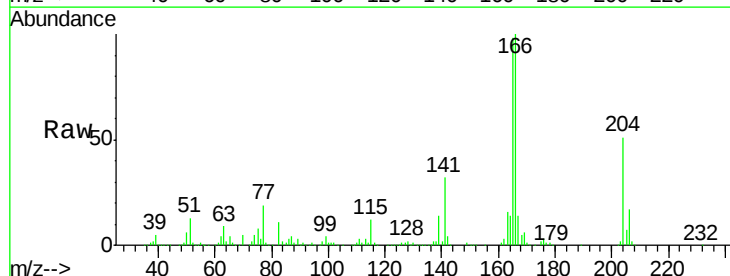
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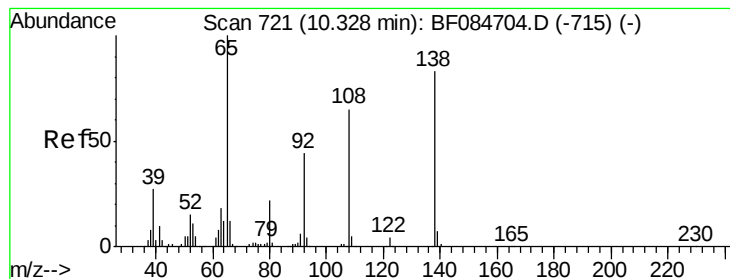
mohammad
2/5/2016 1:48:41 PM



#60
4-Chlorophenyl-phenylether
Concen: 51.64 ng
RT: 10.26 min Scan# 715
Delta R.T. -0.01 min
Lab File: BF084835.D
Acq: 4 Feb 2016 18:18

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	389406		
206	33.4	25.7	38.5	
141	63.5	55.1	82.7	





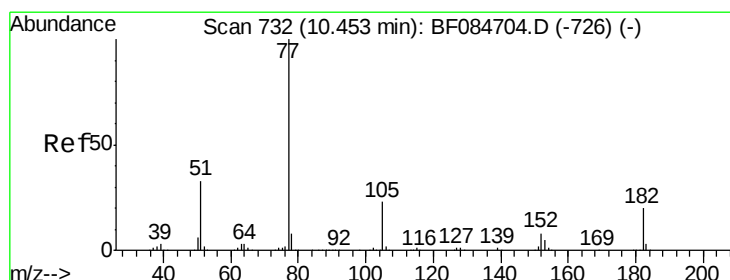
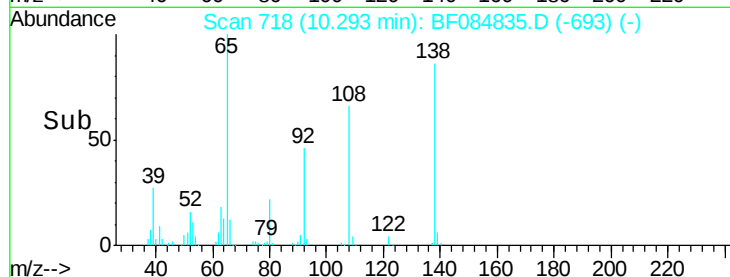
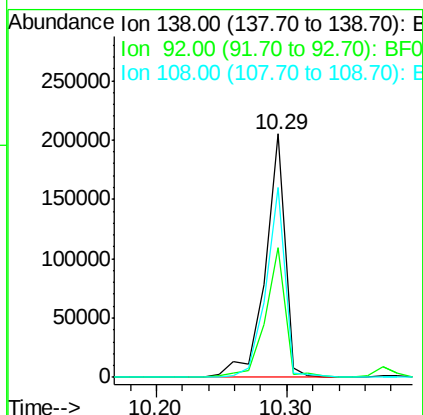
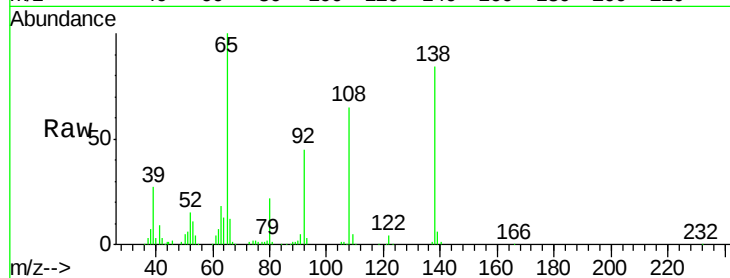
#61
4-Nitroaniline
Concen: 43.75 ng
RT: 10.29 min Scan# 718
Delta R.T. -0.01 min
Lab File: BF084835.D
Acq: 4 Feb 2016 18:18

Instrument :
BNA_F
ClientSampled :
PB88185BS

Tot Ion	Ratio	Lower	Upper
138	100		
92	53.5	32.6	72.6
108	77.8	68.6	108.6

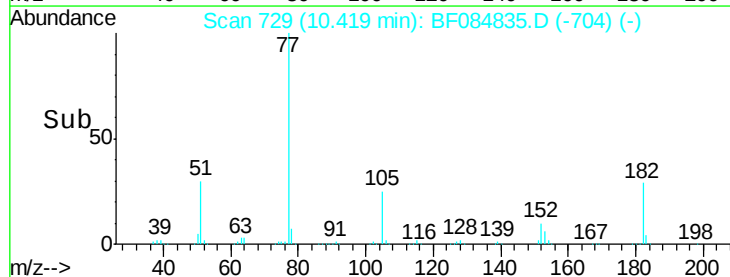
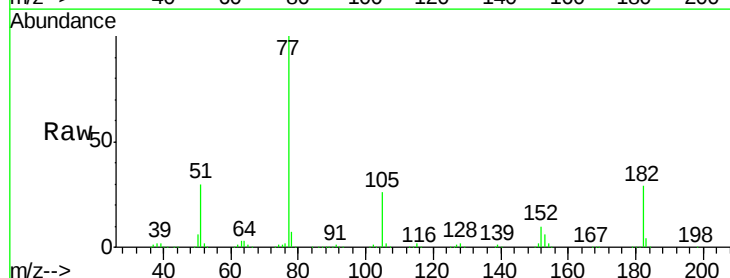
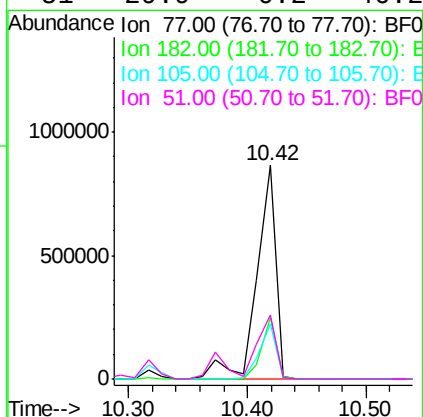
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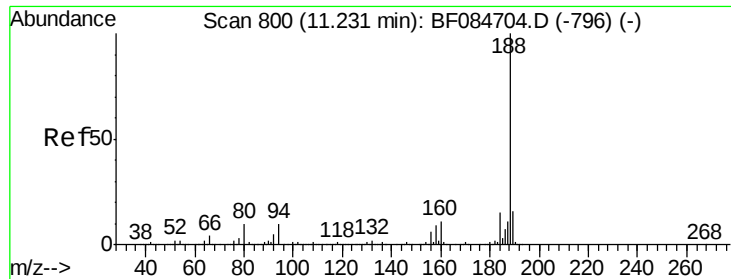
mohammad
2/5/2016 1:48:41 PM



#62
Azobenzene
Concen: 49.19 ng
RT: 10.42 min Scan# 729
Delta R.T. -0.01 min
Lab File: BF084835.D
Acq: 4 Feb 2016 18:18

Tgt Ion	Ratio	Lower	Upper
77	100		
182	28.8	8.3	48.3
105	25.8	4.6	44.6
51	29.9	6.2	46.2





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.20 min Scan# 797

Delta R.T. -0.01 min

Lab File: BF084835.D

Acq: 4 Feb 2016 18:18

Instrument :

BNA_F

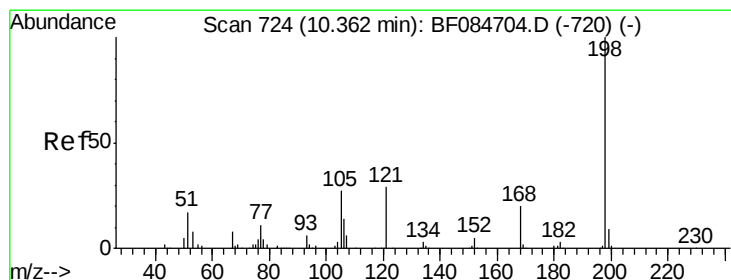
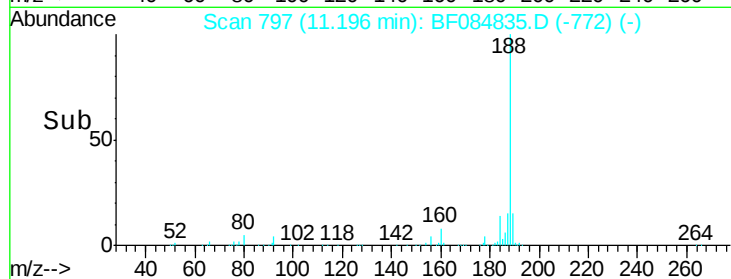
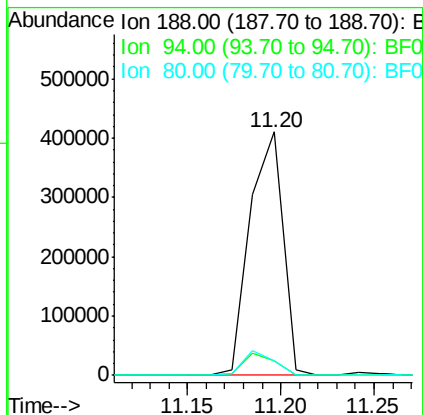
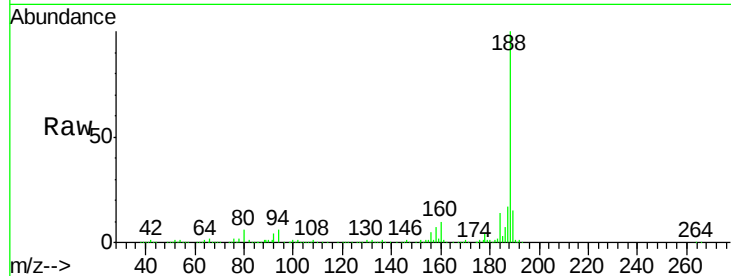
ClientSampleId :

PB88185BS

Tot Ion	Ratio	Resp	Lower	Upper
188	100			
94	5.7	9.0	13.4#	
80	6.1	9.6	14.4#	

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#64

4,6-Dinitro-2-methylphenol

Concen: 43.09 ng

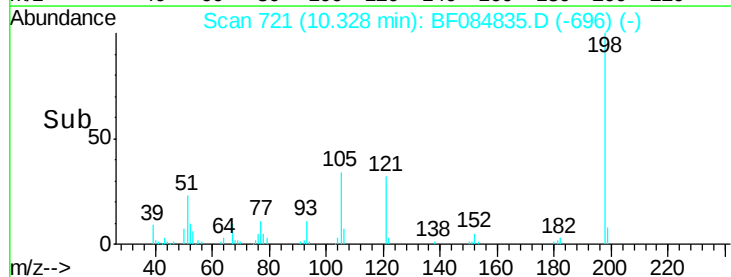
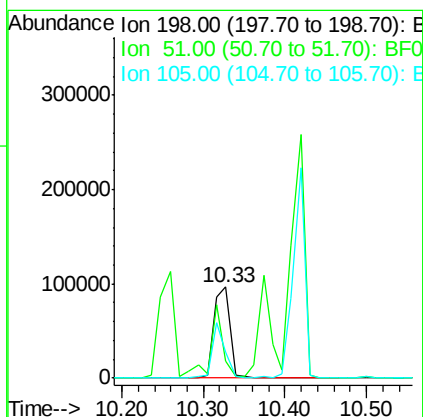
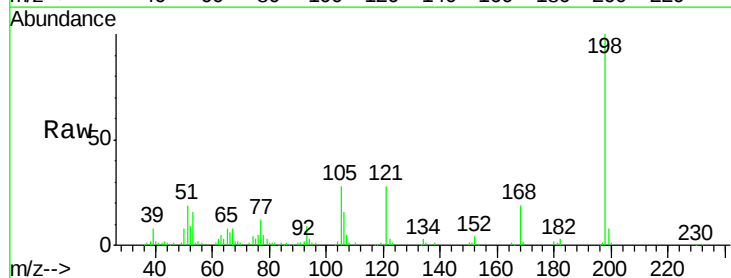
RT: 10.33 min Scan# 721

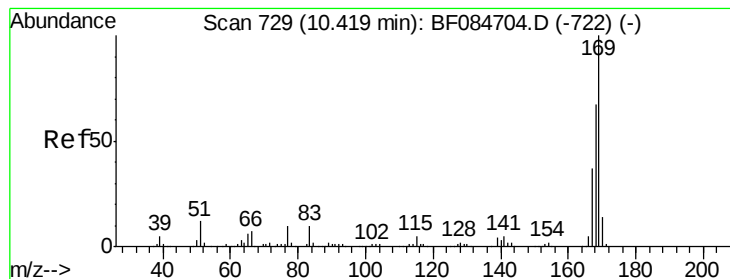
Delta R.T. -0.01 min

Lab File: BF084835.D

Acq: 4 Feb 2016 18:18

Tgt Ion	Ratio	Resp	Lower	Upper
198	100			
51	19.3	18.9	58.9	
105	28.2	26.4	66.4	





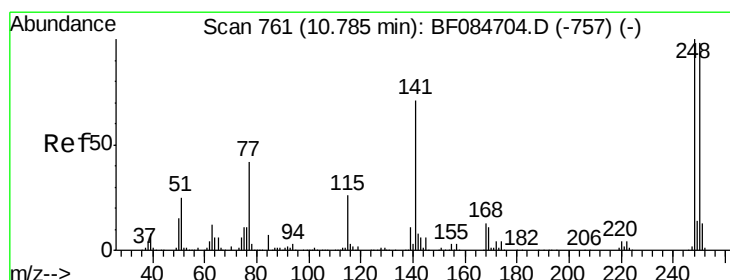
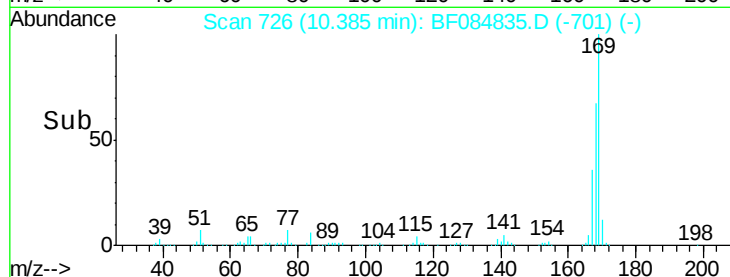
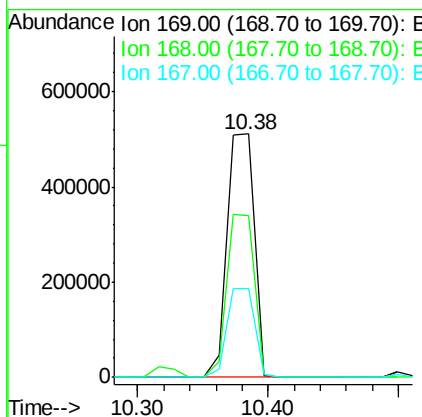
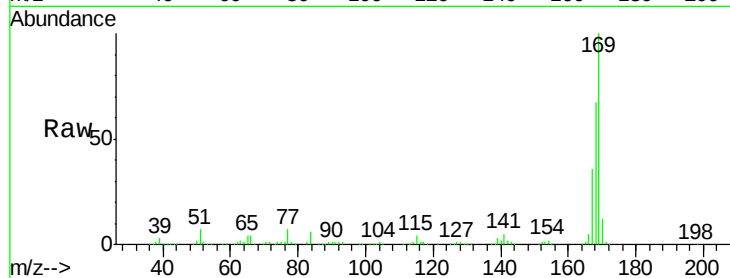
#65
n-Nitrosodiphenylamine
Concen: 46.10 ng
RT: 10.38 min Scan# 726
Delta R.T. -0.01 min
Lab File: BF084835.D
Acq: 4 Feb 2016 18:18

Instrument :
BNA_F
ClientSampleId :
PB88185BS

Tot Ion	Ratio	Resp	Lower	Upper
169	100	737413		
168	66.6	55.1	82.7	
167	36.4	30.0	45.0	

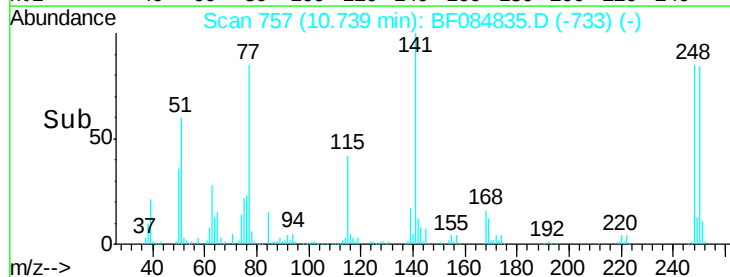
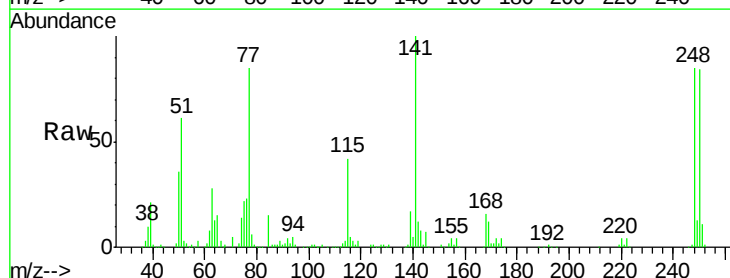
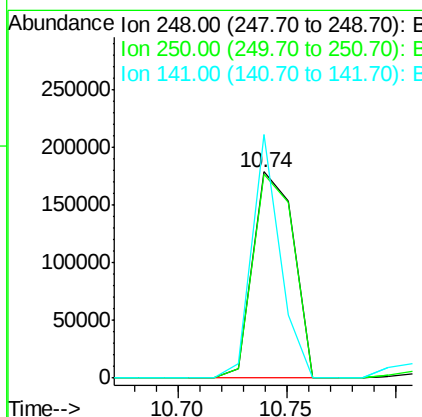
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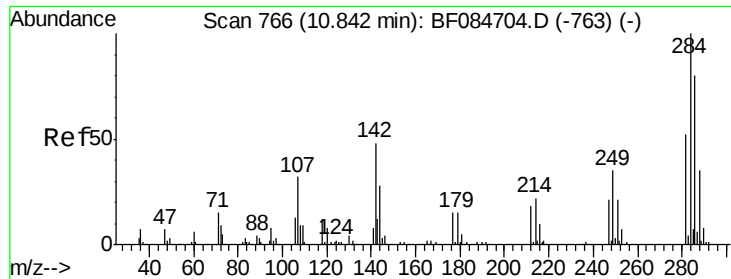
mohammad
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#66
4-Bromophenyl-phenylether
Concen: 42.04 ng
RT: 10.74 min Scan# 757
Delta R.T. -0.02 min
Lab File: BF084835.D
Acq: 4 Feb 2016 18:18

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	233896		
250	98.9	78.4	117.6	
141	117.9	44.0	66.0	





#67

Hexachlorobenzene

Concen: 47.09 ng

RT: 10.81 min Scan# 763

Delta R.T. -0.01 min

Lab File: BF084835.D

Acq: 4 Feb 2016 18:18

Instrument :

BNA_F

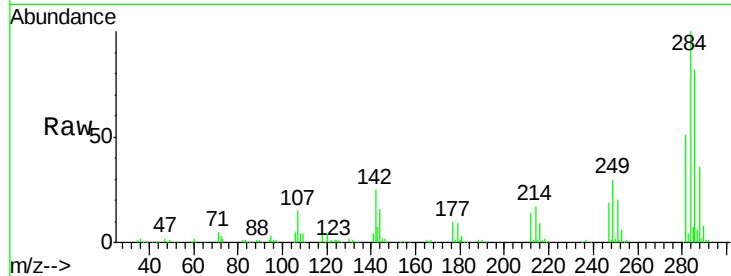
ClientSampleId :

PB88185BS

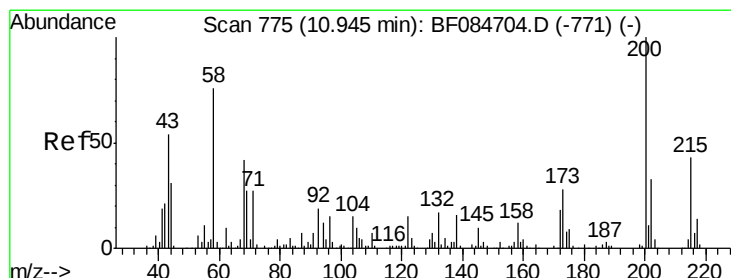
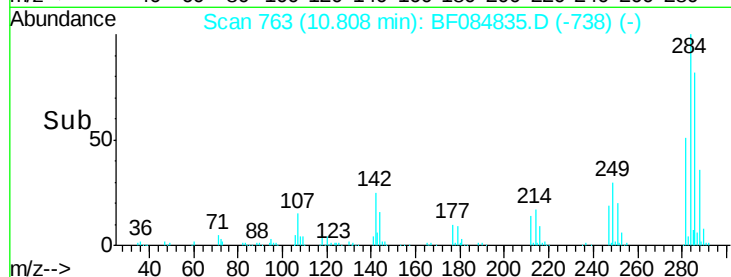
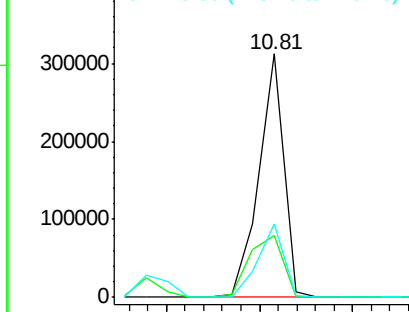
Tot Ion:	284	Resp:	285440
Ion Ratio	Lower	Upper	
284	100		
142	25.5	22.2	33.4
249	30.0	24.6	37.0

Manual Integrations
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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: 44.14 ng

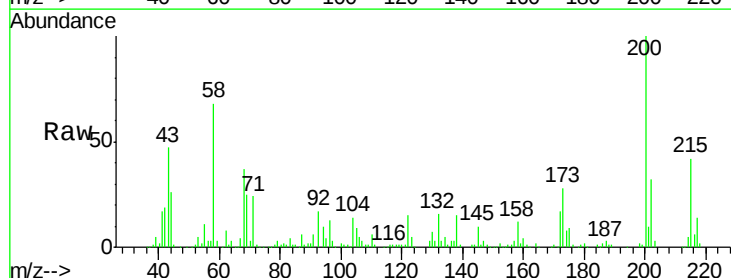
RT: 10.91 min Scan# 772

Delta R.T. -0.01 min

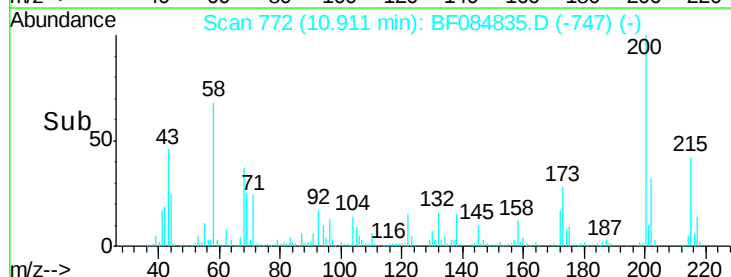
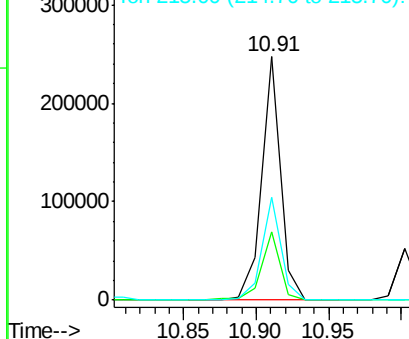
Lab File: BF084835.D

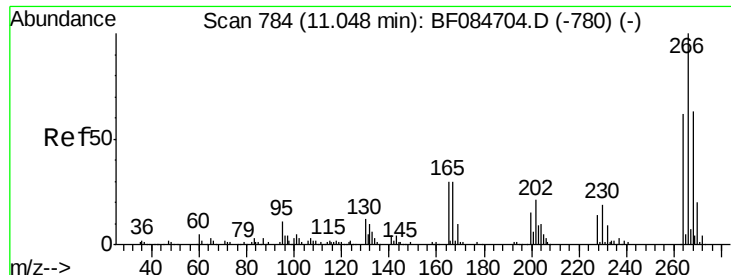
Acq: 4 Feb 2016 18:18

Tgt Ion:	200	Resp:	222955
Ion Ratio	Lower	Upper	
200	100		
173	27.9	9.5	49.5
215	42.5	23.8	63.8



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





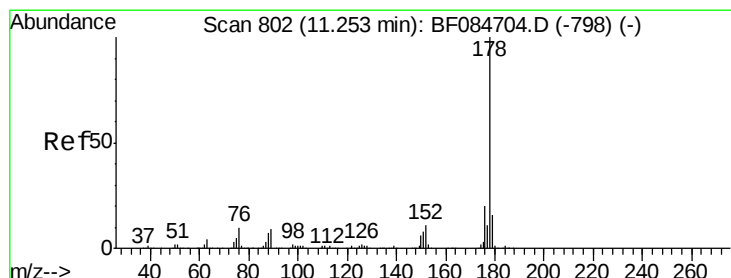
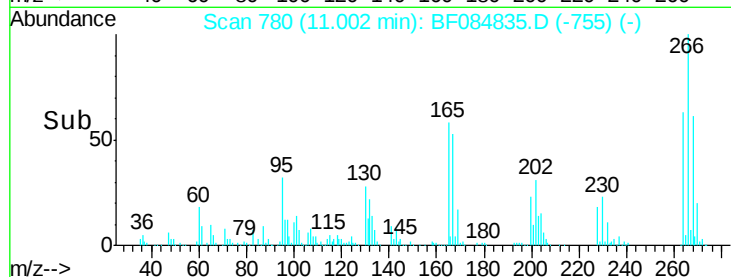
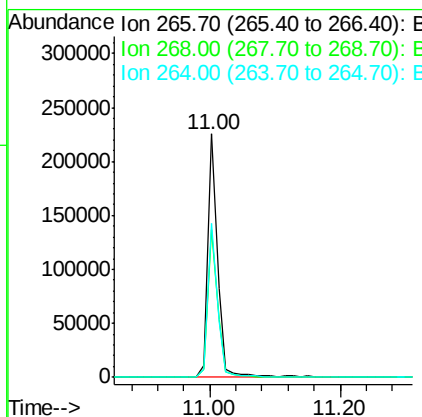
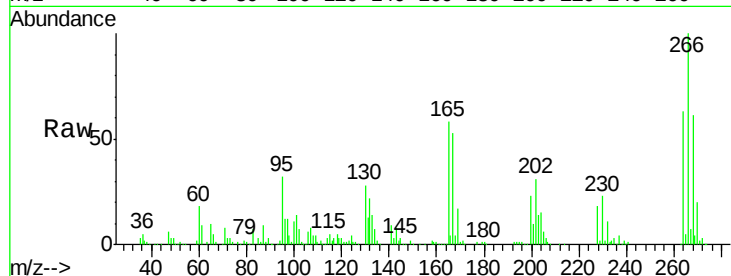
#69
 Pentachlorophenol
 Concen: 84.06 ng
 RT: 11.00 min Scan# 780
 Delta R.T. -0.01 min
 Lab File: BF084835.D
 Acq: 4 Feb 2016 18:18

Instrument :
 BNA_F
 ClientSampleId :
 PB88185BS

Tot Ion	Ratio	Lower	Upper
266	100		
268	60.7	52.4	78.6
264	63.2	50.2	75.2

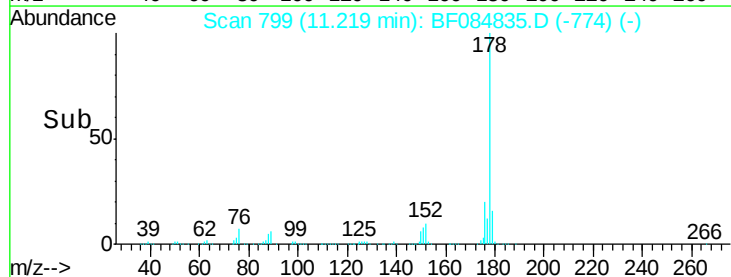
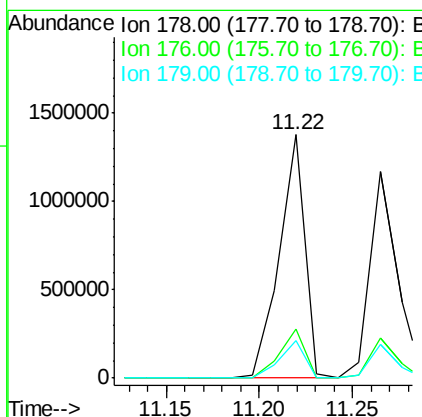
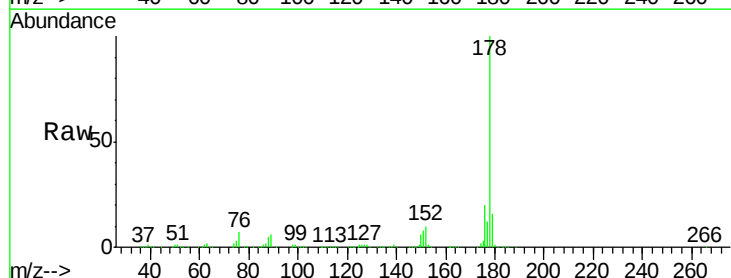
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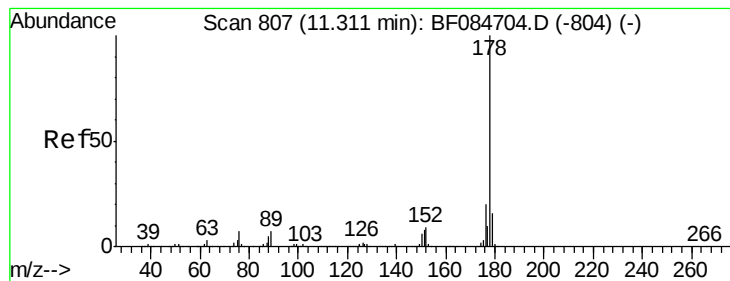
mohammad
 2/5/2016 1:48:41 PM



#70
 Phenanthrene
 Concen: 47.23 ng
 RT: 11.22 min Scan# 799
 Delta R.T. -0.01 min
 Lab File: BF084835.D
 Acq: 4 Feb 2016 18:18

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.1	15.3	22.9
179	15.6	12.0	18.0





#71

Anthracene

Concen: 41.23 ng

RT: 11.26 min Scan# 803

Delta R.T. -0.02 min

Lab File: BF084835.D

Acq: 4 Feb 2016 18:18

Instrument :

BNA_F

ClientSampleId :

PB88185BS

Tot Ion:178 Resp: 1160786

Ion Ratio Lower Upper

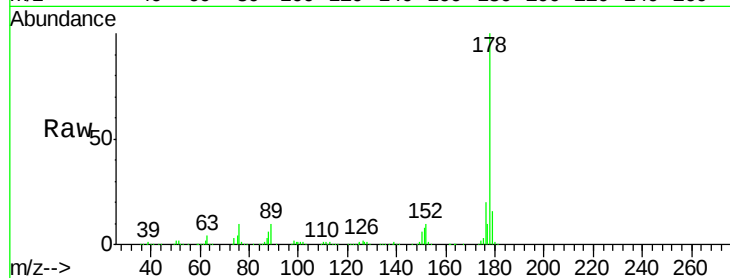
178 100

176 19.6 15.4 23.0

179 16.3 12.5 18.7

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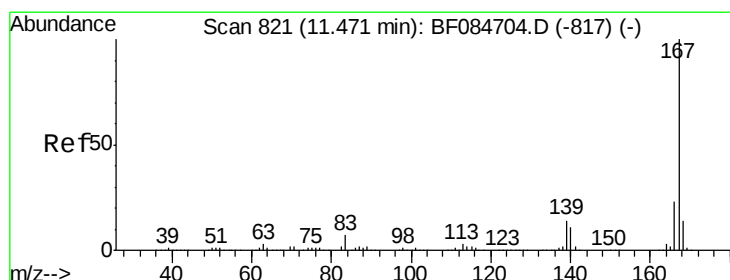
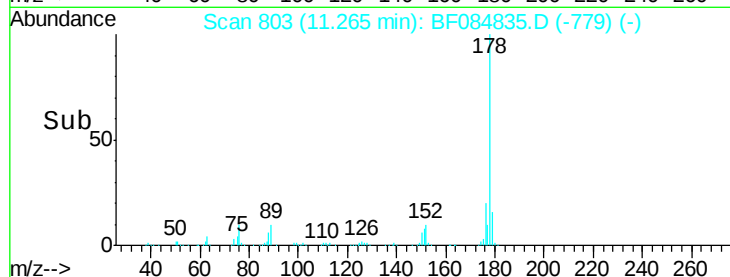
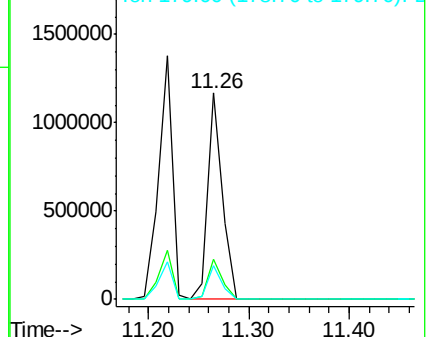
mohammad
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Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 41.37 ng

RT: 11.42 min Scan# 817

Delta R.T. -0.02 min

Lab File: BF084835.D

Acq: 4 Feb 2016 18:18

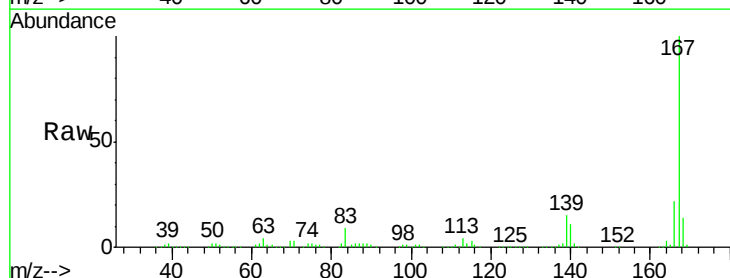
Tgt Ion:167 Resp: 1015471

Ion Ratio Lower Upper

167 100

166 22.0 17.6 26.4

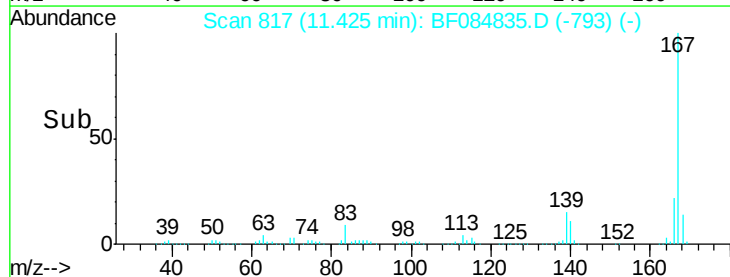
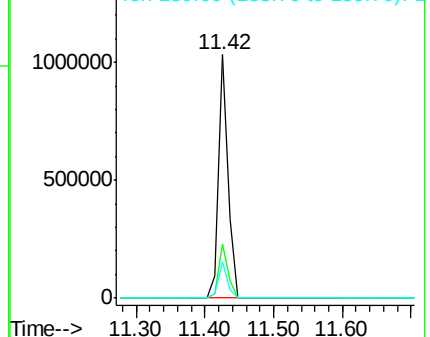
139 14.8 11.8 17.8

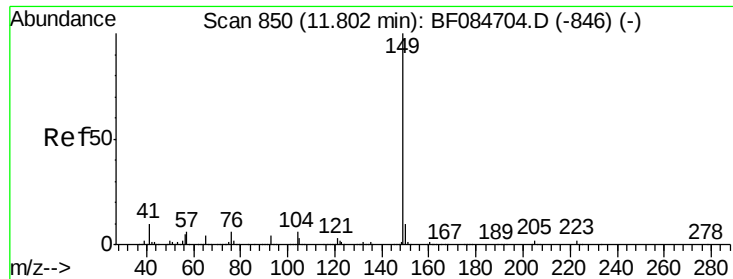


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 43.70 ng

RT: 11.77 min Scan# 847

Delta R.T. -0.01 min

Lab File: BF084835.D

Acq: 4 Feb 2016 18:18

Instrument :

BNA_F

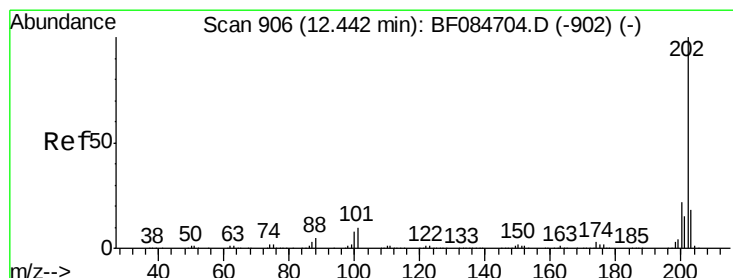
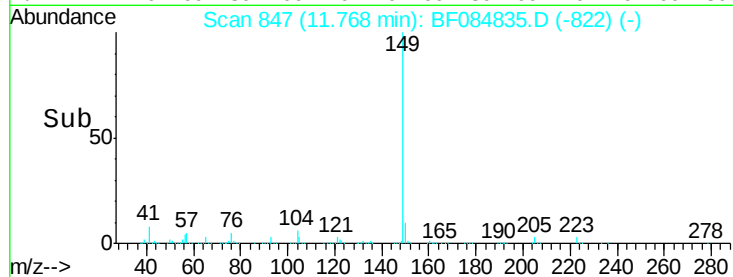
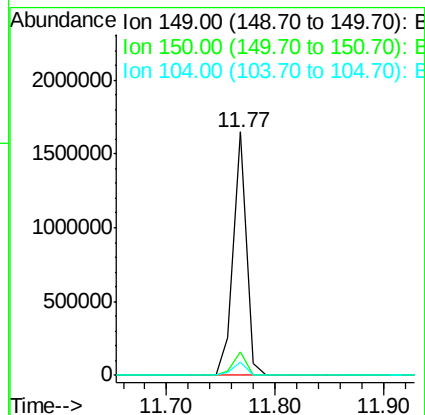
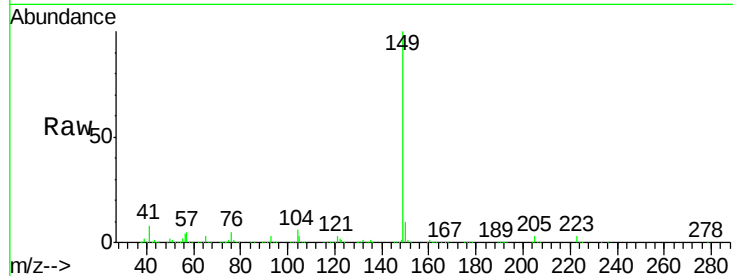
ClientSampleId :

PB88185BS

Tot Ion:	149	Resp:	1365831
Ion Ratio	Lower	Upper	
149	100		
150	9.7	7.1	10.7
104	5.6	3.2	4.8

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#74

Fluoranthene

Concen: 41.39 ng

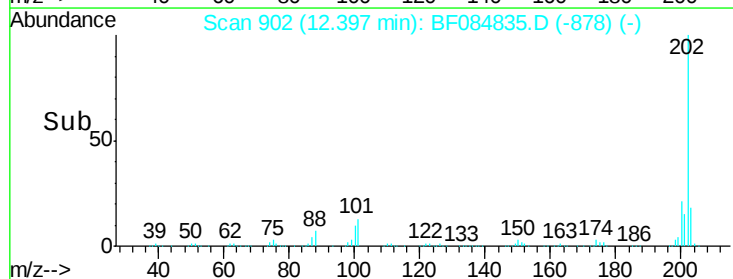
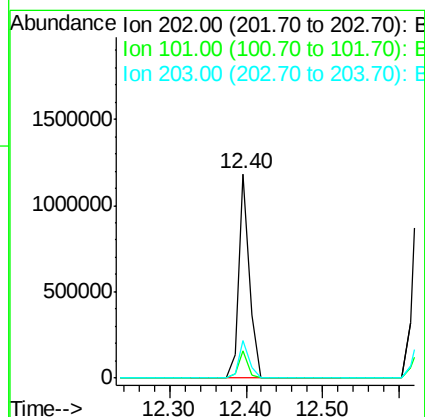
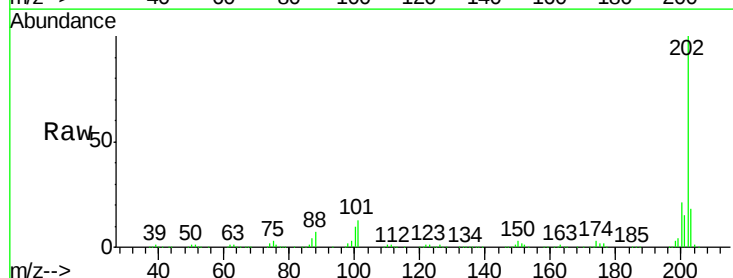
RT: 12.40 min Scan# 902

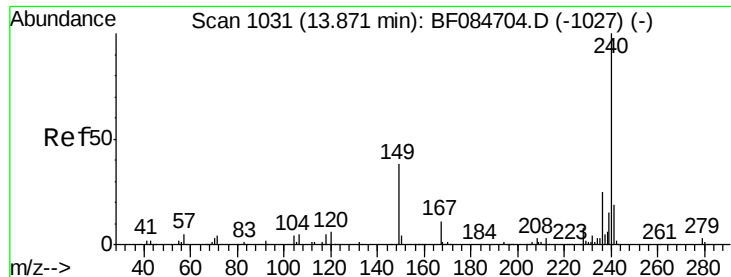
Delta R.T. -0.02 min

Lab File: BF084835.D

Acq: 4 Feb 2016 18:18

Tgt Ion:	202	Resp:	1170408
Ion Ratio	Lower	Upper	
202	100		
101	13.2	0.0	32.8
203	18.3	0.0	37.9





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.83 min Scan# 1027

Delta R.T. -0.01 min

Lab File: BF084835.D

Acq: 4 Feb 2016 18:18

Instrument :

BNA_F

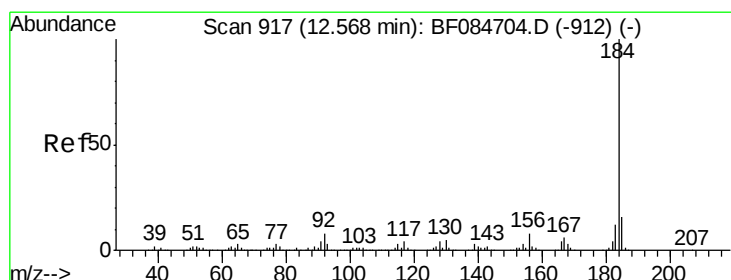
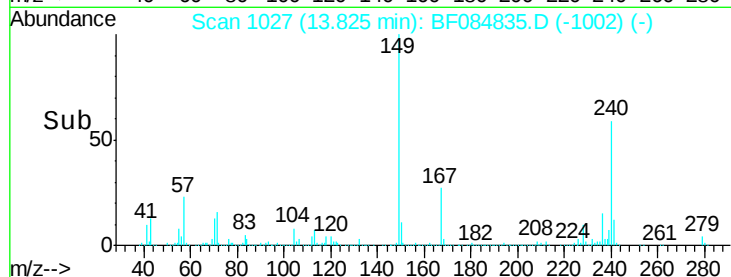
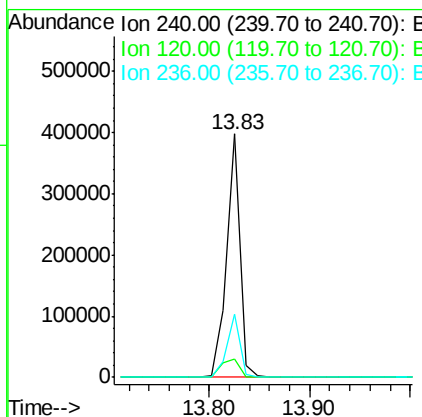
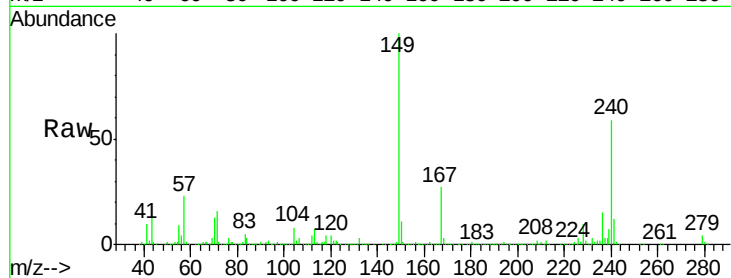
ClientSampleID :

PB88185BS

Tot Ion	Ratio	Lower	Upper
240	100		
120	7.4	9.5	14.3#
236	25.7	20.6	31.0

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#76

Benzidine

Concen: 43.33 ng

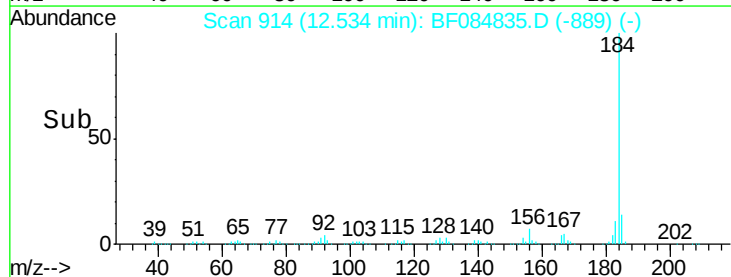
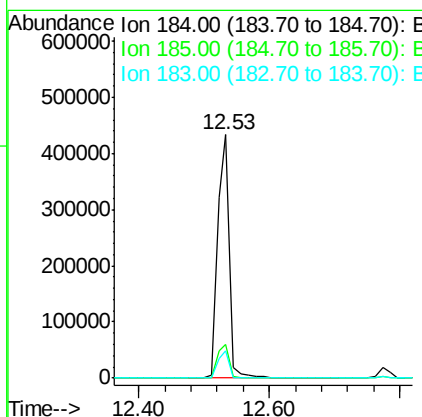
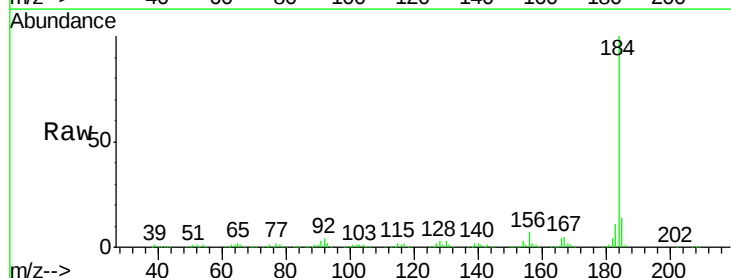
RT: 12.53 min Scan# 914

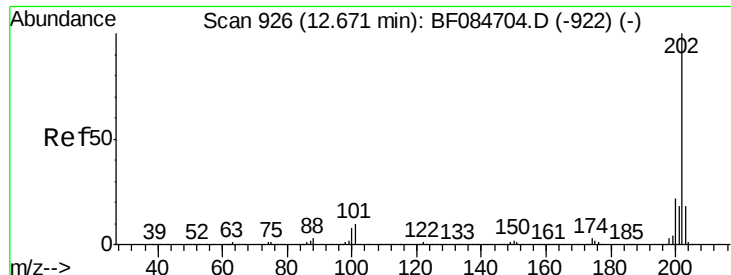
Delta R.T. -0.01 min

Lab File: BF084835.D

Acq: 4 Feb 2016 18:18

Tgt Ion	Ratio	Lower	Upper
184	100		
185	13.9	12.2	18.2
183	11.2	9.8	14.8





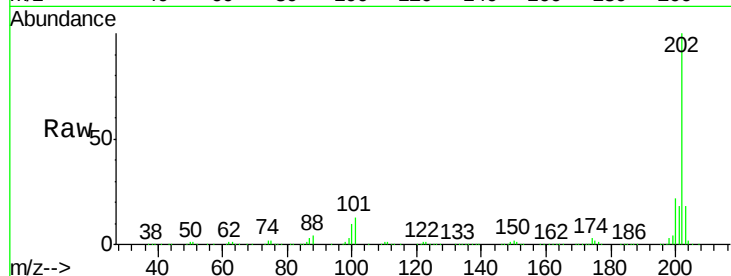
#77
Pvrene
Concen: 45.69 ng
RT: 12.63 min Scan# 922
Delta R.T. -0.01 min
Lab File: BF084835.D
Acq: 4 Feb 2016 18:18

Instrument :
BNA_F
ClientSampleId :
PB88185BS

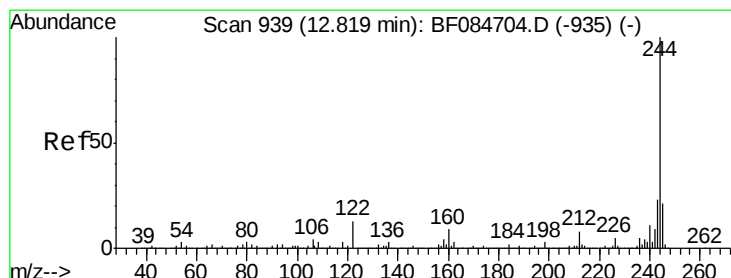
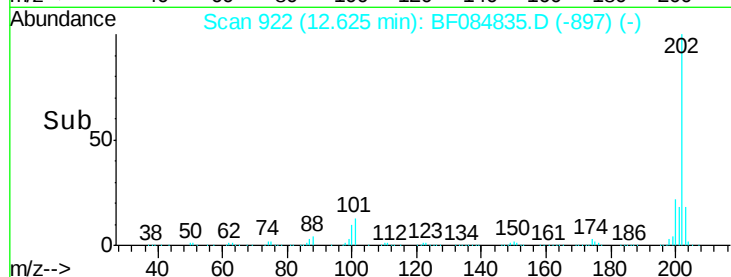
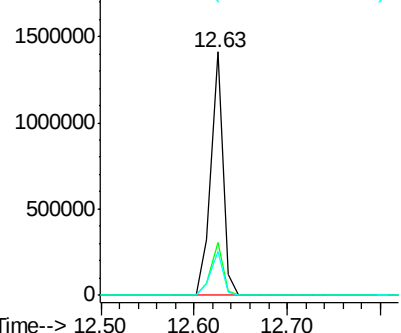
Tot Ion	Ratio	Lower	Upper
202	100		
200	21.7	17.2	25.8
203	18.3	14.3	21.5

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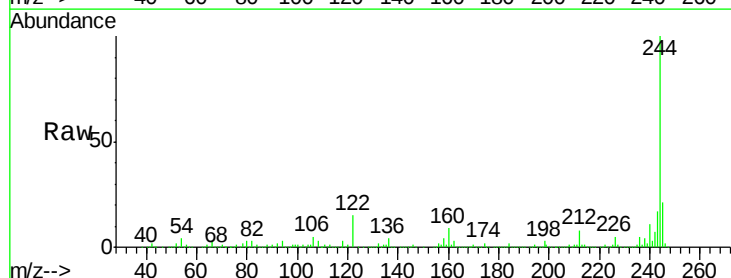


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

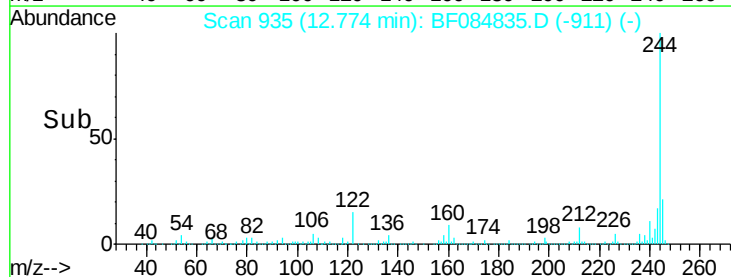
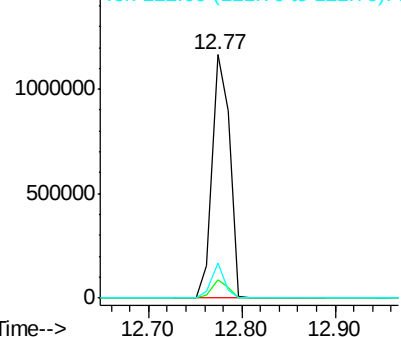


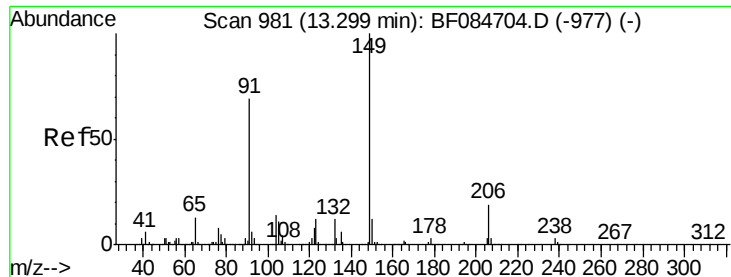
#78
Terphenyl-d14
Concen: 94.56 ng
RT: 12.77 min Scan# 935
Delta R.T. -0.02 min
Lab File: BF084835.D
Acq: 4 Feb 2016 18:18

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.7	5.7	8.5
122	14.6	7.4	11.0



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





#79

Butylbenzylphthalate

Concen: 43.07 ng

RT: 13.25 min Scan# 977

Delta R.T. -0.02 min

Lab File: BF084835.D

Acq: 4 Feb 2016 18:18

Instrument :

BNA_F

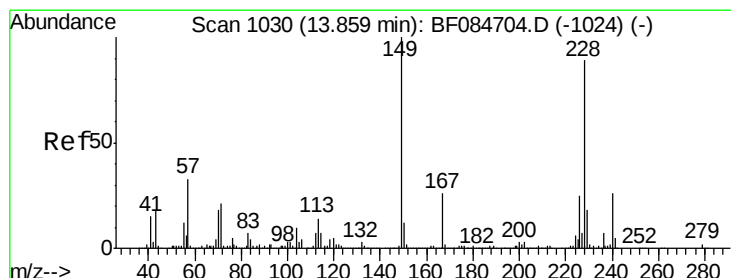
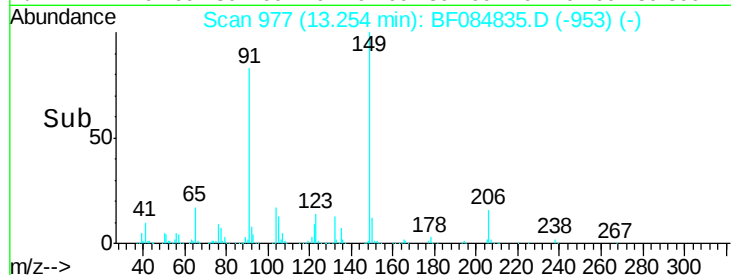
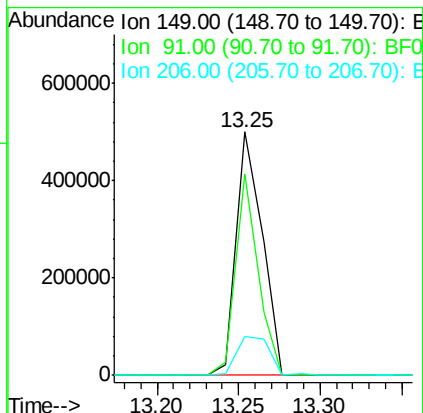
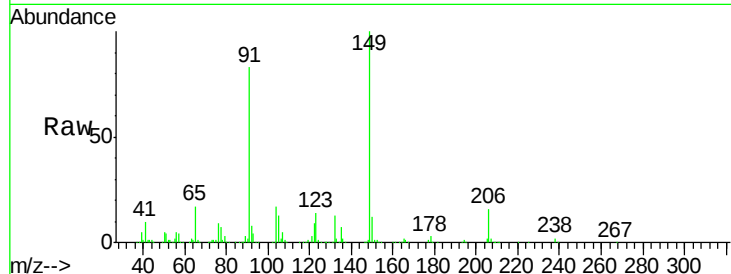
ClientSampleId :

PB88185BS

Tot Ion:	149	Resp:	548193
Ion Ratio	Lower	Upper	
149	100		
91	82.6	57.6	86.4
206	16.1	13.2	19.8

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#80

Benzo(a)anthracene

Concen: 45.74 ng

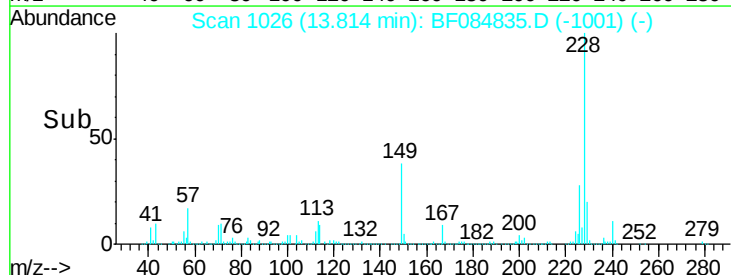
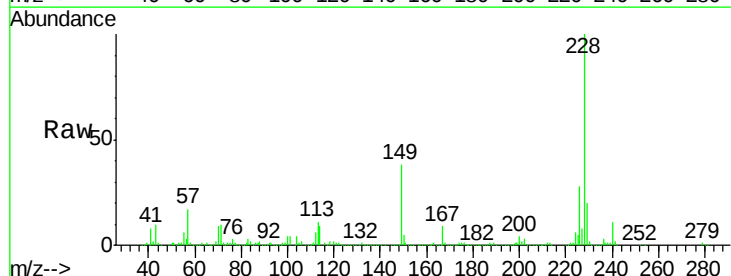
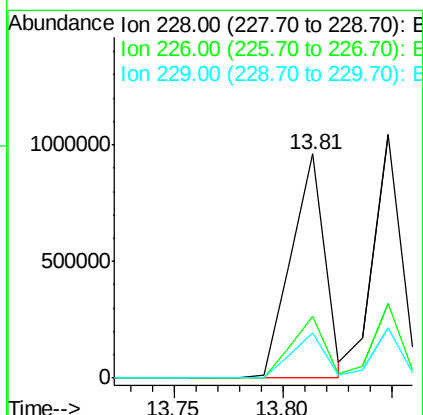
RT: 13.81 min Scan# 1026

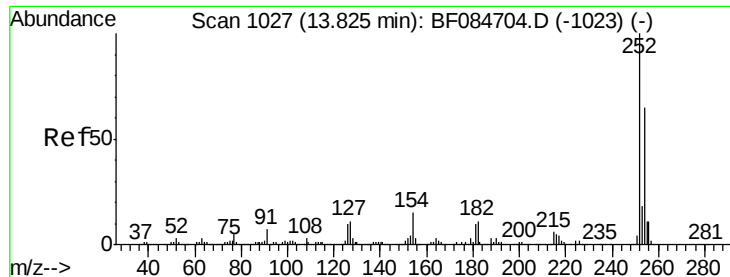
Delta R.T. -0.01 min

Lab File: BF084835.D

Acq: 4 Feb 2016 18:18

Tgt Ion:	228	Resp:	1040307
Ion Ratio	Lower	Upper	
228	100		
226	27.5	21.8	32.6
229	20.2	15.8	23.8





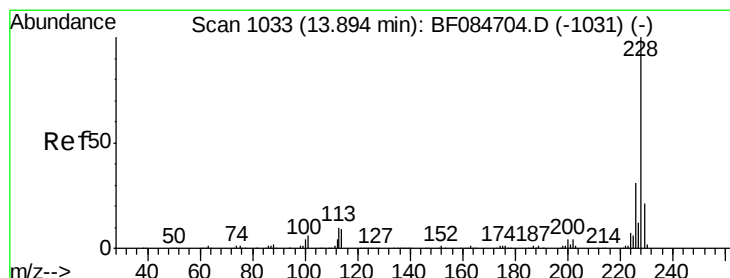
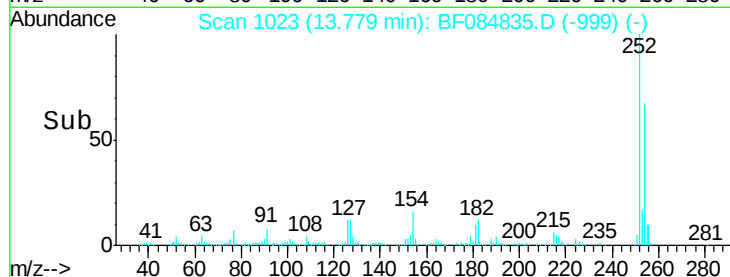
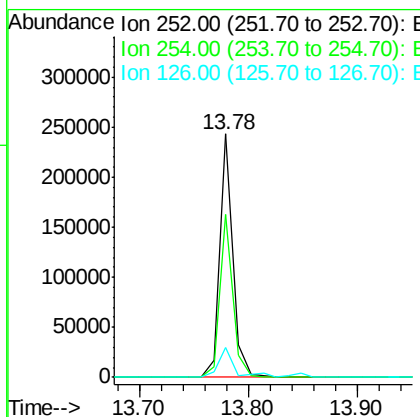
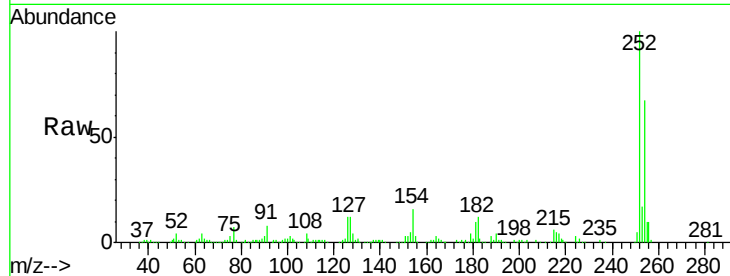
#81
 3,3'-Dichlorobenzidine
 Concen: 25.40 ng
 RT: 13.78 min Scan# 1023
 Delta R.T. -0.02 min
 Lab File: BF084835.D
 Acq: 4 Feb 2016 18:18

Instrument :
 BNA_F
 ClientSampleId :
 PB88185BS

Tot Ion	Ratio	Resp Lower	Upper
252	100		
254	67.2	53.5	80.3
126	12.3	4.9	7.3

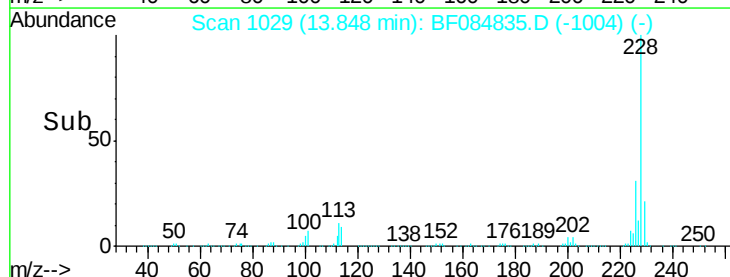
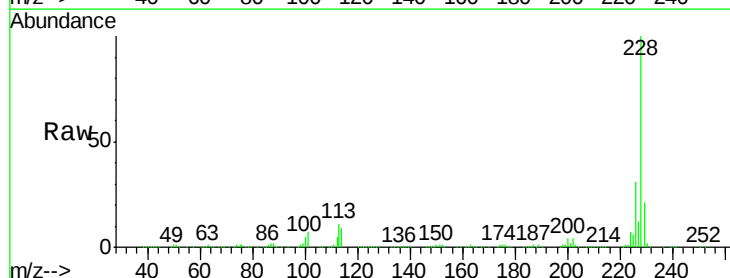
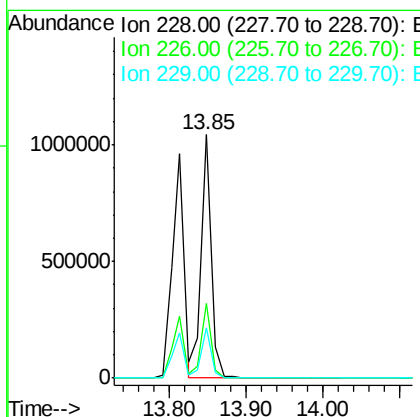
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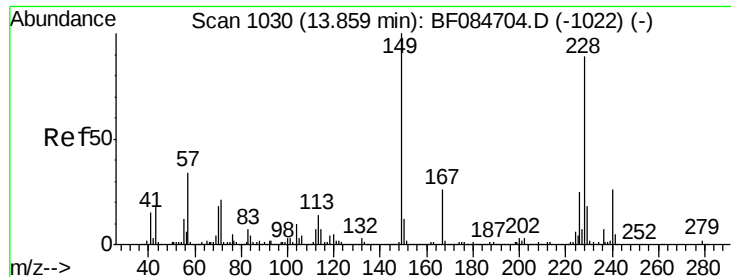
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#82
 Chrysene
 Concen: 42.60 ng
 RT: 13.85 min Scan# 1029
 Delta R.T. -0.01 min
 Lab File: BF084835.D
 Acq: 4 Feb 2016 18:18

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
226	30.7	24.3	36.5
229	20.5	16.1	24.1





#83

Bis(2-ethylhexyl)phthalate

Concen: 46.16 ng

RT: 13.83 min Scan# 1027

Delta R.T. -0.01 min

Lab File: BF084835.D

Acq: 4 Feb 2016 18:18

Instrument :

BNA_F

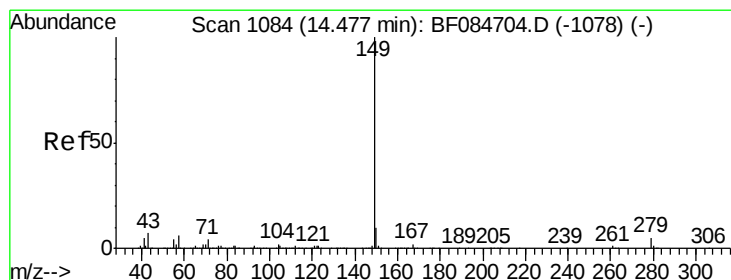
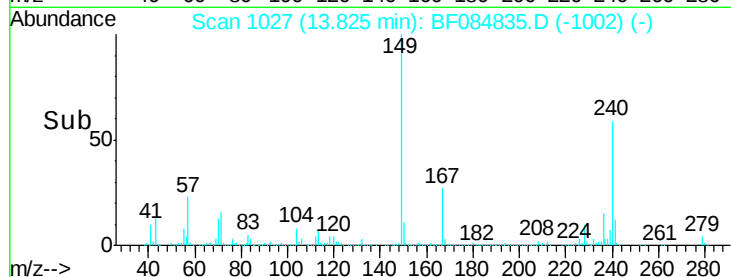
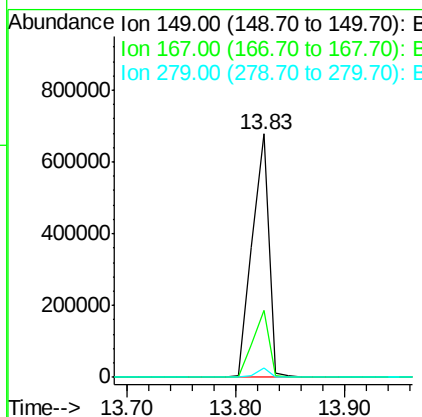
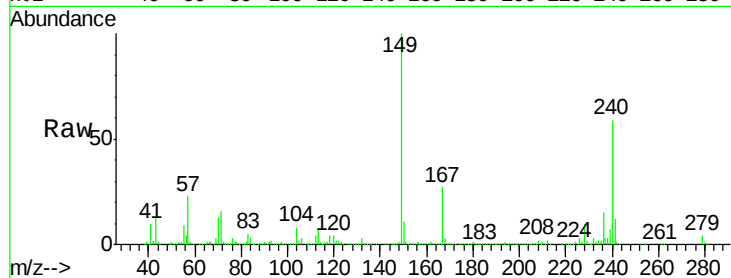
ClientSampleId :

PB88185BS

Tot Ion:	149	Resp:	731197
Ion Ratio	Lower	Upper	
149	100		
167	27.3	19.7	29.5
279	3.9	1.8	2.6#

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#84

Di-n-octyl phthalate

Concen: 43.94 ng

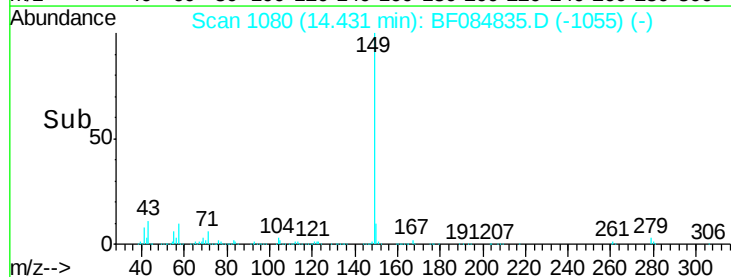
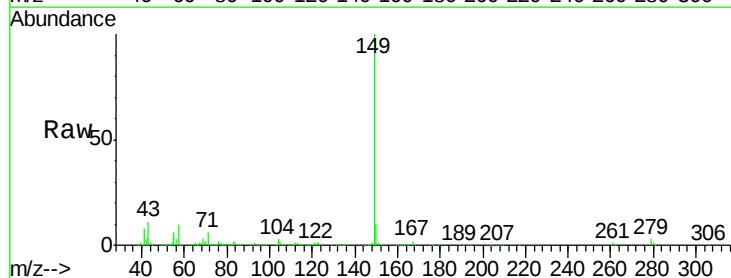
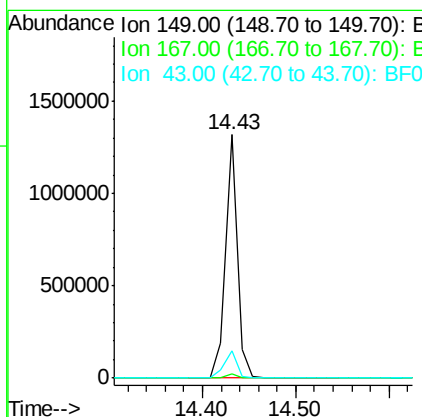
RT: 14.43 min Scan# 1080

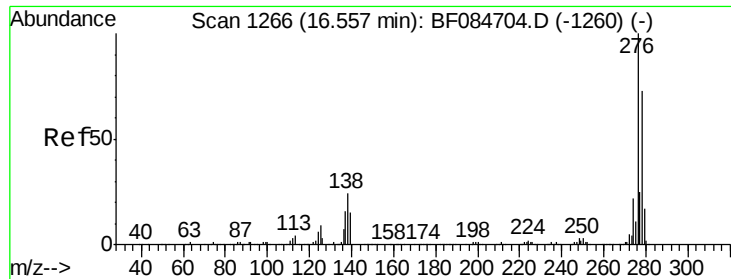
Delta R.T. -0.01 min

Lab File: BF084835.D

Acq: 4 Feb 2016 18:18

Tgt Ion:	149	Resp:	1148251
Ion Ratio	Lower	Upper	
149	100		
167	1.5	1.2	1.8
43	11.6	5.6	8.4#





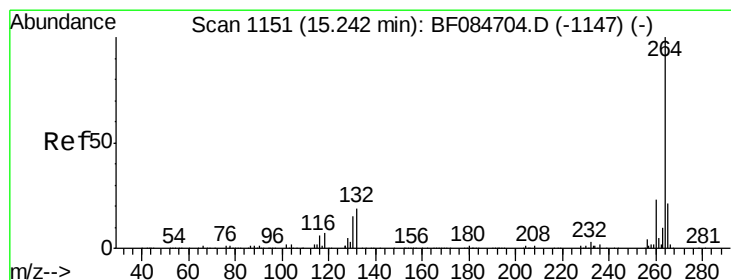
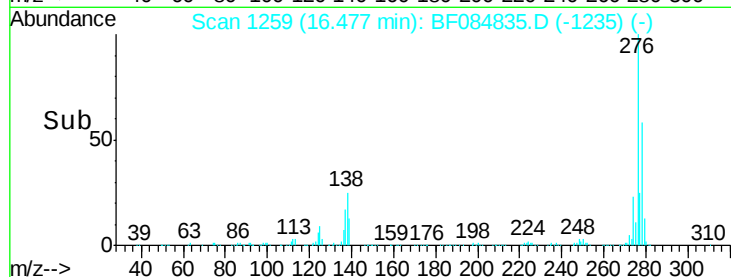
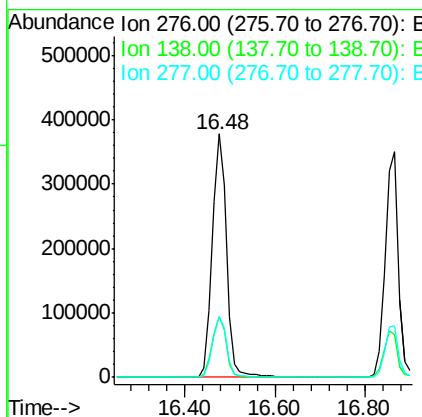
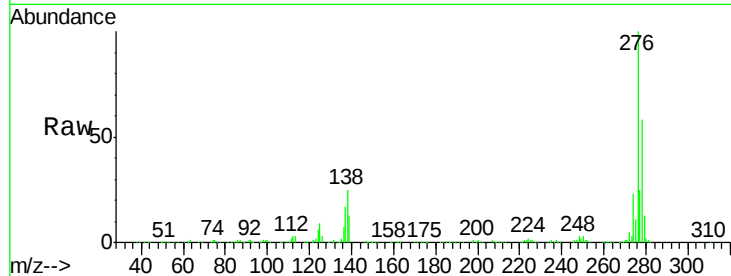
#85
Indeno(1,2,3-cd)pyrene
Concen: 48.45 ng
RT: 16.48 min Scan# 1259
Delta R.T. -0.02 min
Lab File: BF084835.D
Acq: 4 Feb 2016 18:18

Instrument :
BNA_F
ClientSampleId :
PB88185BS

Tot Ion	Ratio	Lower	Upper
276	100		
138	24.9	20.6	30.8
277	24.8	20.1	30.1

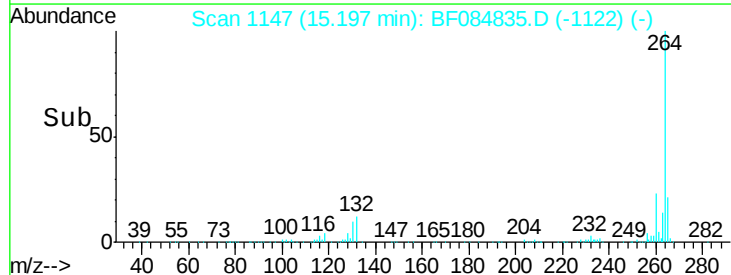
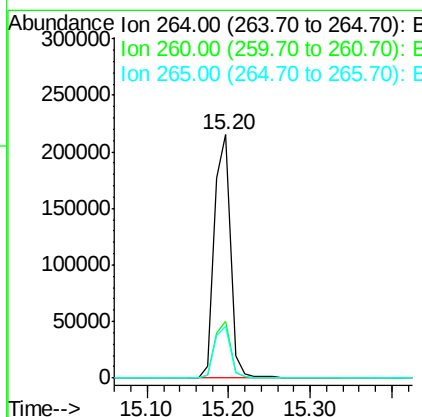
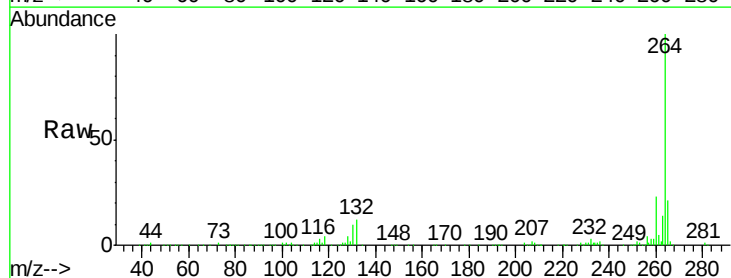
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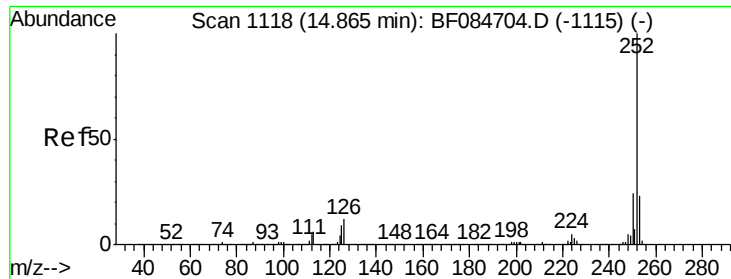
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#86
Perylene-d12
Concen: 20.00 ng
RT: 15.20 min Scan# 1147
Delta R.T. -0.01 min
Lab File: BF084835.D
Acq: 4 Feb 2016 18:18

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.4	29.2
265	21.3	17.8	26.6





#87

Benzo(b)fluoranthene

Concen: 47.04 ng m

RT: 14.82 min Scan# 1114

Delta R.T. -0.01 min

Lab File: BF084835.D

Acq: 4 Feb 2016 18:18

Instrument :

BNA_F

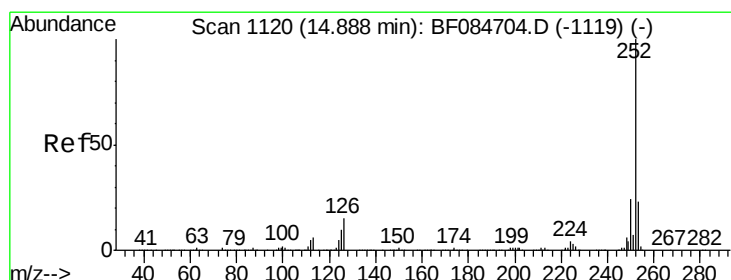
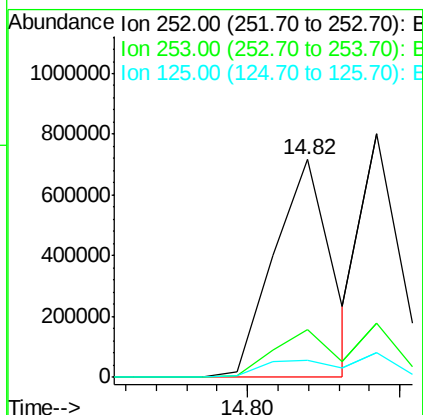
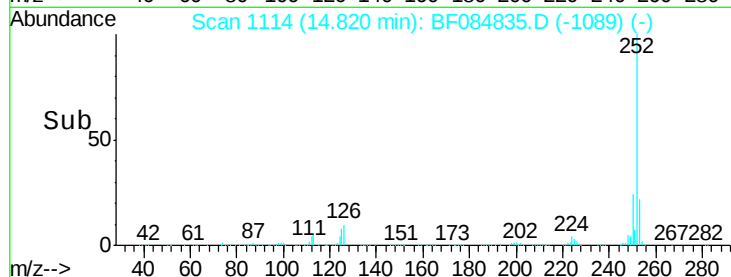
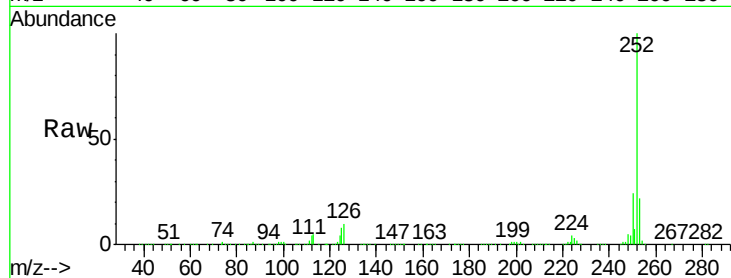
ClientSampleId :

PB88185BS

Tot Ion:	252	Resp:	938254
Ion Ratio	Lower	Upper	
252	100		
253	22.1	17.3	25.9
125	7.8	6.5	9.7

Manual Integrations
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#88

Benzo(k)fluoranthene

Concen: 42.43 ng m

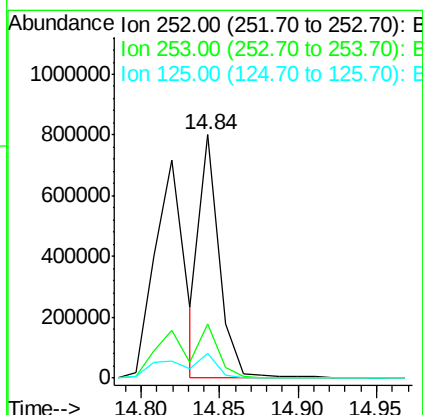
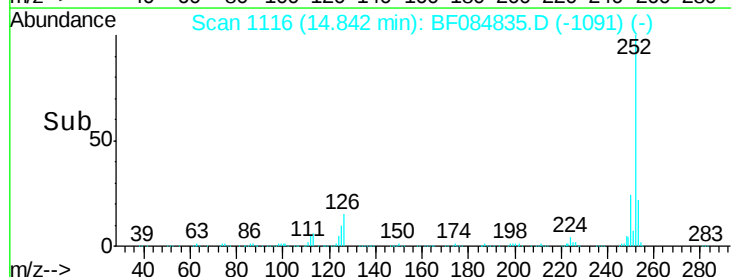
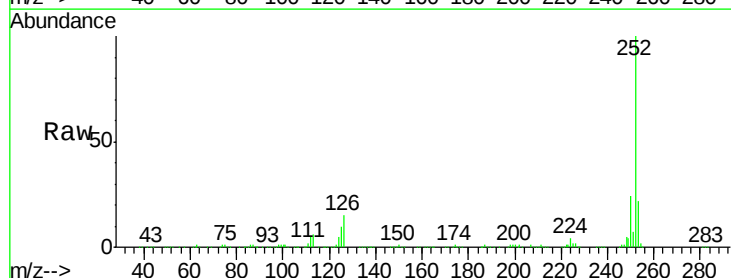
RT: 14.84 min Scan# 1116

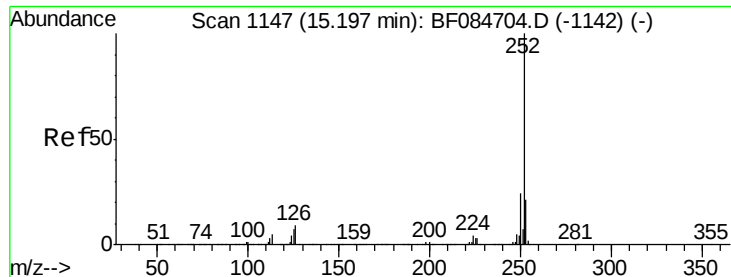
Delta R.T. -0.01 min

Lab File: BF084835.D

Acq: 4 Feb 2016 18:18

Tgt Ion:	252	Resp:	699754
Ion Ratio	Lower	Upper	
252	100		
253	22.2	18.1	27.1
125	9.9	9.0	13.6





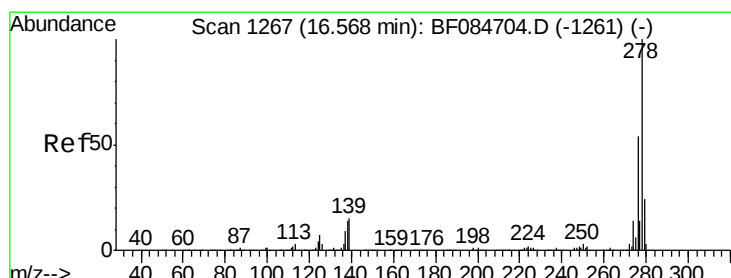
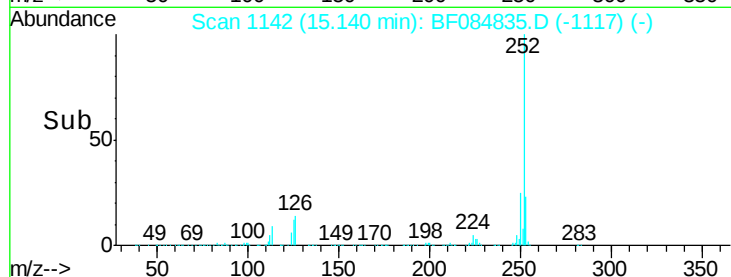
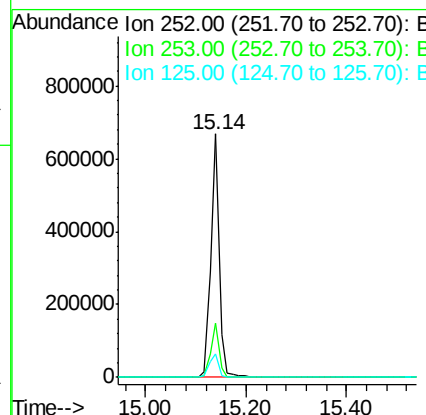
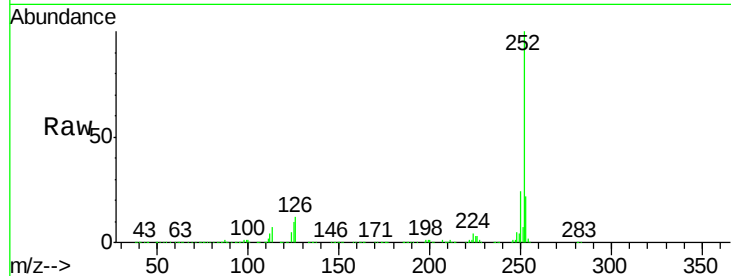
#89
Benzo(a)pyrene
Concen: 45.53 ng
RT: 15.14 min Scan# 1142
Delta R.T. -0.01 min
Lab File: BF084835.D
Acq: 4 Feb 2016 18:18

Instrument :
BNA_F
ClientSampleId :
PB88185BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.3	25.9
125	9.7	7.0	10.4

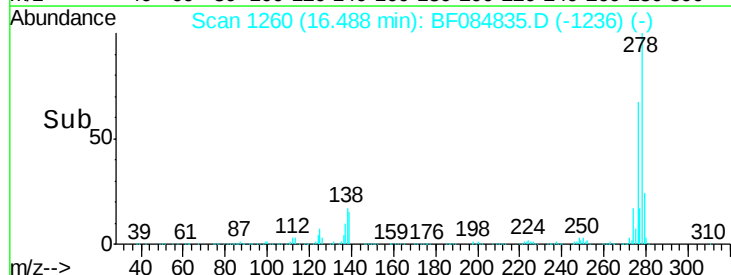
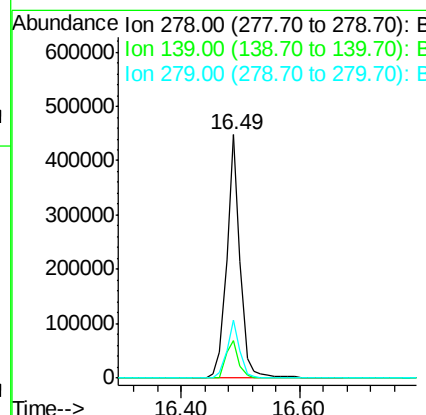
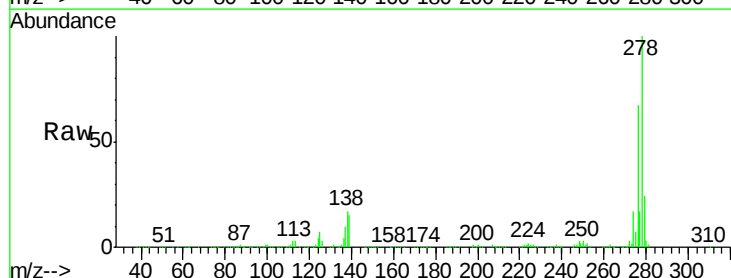
Manual Integrations
APPROVED

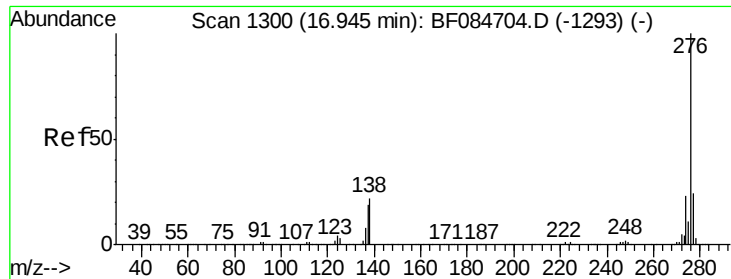
mohammad
2/5/2016 1:48:41 PM



#90
Dibenzo(a,h)anthracene
Concen: 48.78 ng
RT: 16.49 min Scan# 1260
Delta R.T. -0.02 min
Lab File: BF084835.D
Acq: 4 Feb 2016 18:18

Tgt Ion	Ratio	Lower	Upper
278	100		
139	15.2	15.0	22.4
279	23.6	18.9	28.3





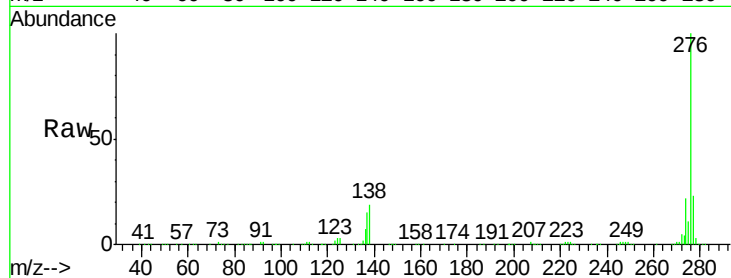
#91
 Benzo(a,h,i)perylene
 Concen: 50.05 ng
 RT: 16.87 min Scan# 1293
 Delta R.T. -0.02 min
 Lab File: BF084835.D
 Acq: 4 Feb 2016 18:18

Instrument :
 BNA_F
 ClientSampleId :
 PB88185BS

Tot Ion	Ratio	Lower	Upper
276	100		
277	22.7	18.8	28.2
138	18.9	17.8	26.6

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Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

