

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041717\
 Data File : BF094451.D
 Acq On : 17 Apr 2017 16:06
 Operator : SJ/MA
 Sample : PB98268BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB98268BS

Manual Integrations
 APPROVED

mohammad
 4/18/2017 3:08:00 PM

Quant Time: Apr 18 01:49:45 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF041717.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 17 14:59:23 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.76	152	147686	20.00	ng	0.00
21) Naphthalene-d8	7.26	136	612559	20.00	ng	0.00
38) Acenaphthene-d10	9.40	164	280045	20.00	ng	0.00
63) Phenanthrene-d10	11.22	188	499967	20.00	ng	0.00
75) Chrysene-d12	14.47	240	411462	20.00	ng	0.00
86) Perylene-d12	16.09	264	296617	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	4.32	112	1001193	112.47	ng	0.02
7) Phenol-d6	5.39	99	1242524	118.40	ng	0.00
23) Nitrobenzene-d5	6.42	82	778395	78.47	ng	0.00
41) 2,4,6-Tribromophenol	10.38	330	260974	119.14	ng	0.00
44) 2-Fluorobiphenyl	8.59	172	1471021	77.29	ng	0.00
78) Terphenyl-d14	13.20	244	1260915	81.91	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.15	88	138508	26.75	ng	98
3) Pyridine	2.65	79	419037	37.03	ng	100
4) n-Nitrosodimethylamine	2.60	42	180580	38.57	ng	91
6) Aniline	5.39	93	305216	21.88	ng	# 82
8) 2-Chlorophenol	5.53	128	389950	38.50	ng	95
9) Benzaldehyde	5.25	77	84324	10.56	ng	98
10) Phenol	5.41	94	474671	36.82	ng	88
11) bis(2-Chloroethyl)ether	5.47	93	363933	38.64	ng	97
12) 1,3-Dichlorobenzene	5.69	146	420716	37.49	ng	99
13) 1,4-Dichlorobenzene	5.78	146	422819	37.45	ng	97
14) 1,2-Dichlorobenzene	5.96	146	387561	37.26	ng	95
15) Benzyl Alcohol	5.94	79	304083	39.06	ng	99
16) 2,2'-oxybis(1-Chloropropan	6.09	45	475361	38.50	ng	# 23
17) 2-Methylphenol	6.09	107	314702	39.45	ng	# 91
18) Hexachloroethane	6.35	117	148821	38.45	ng	# 86
19) n-Nitroso-di-n-propylamine	6.25	70	274411	39.46	ng	98
20) 3+4-Methylphenols	6.27	107	440540	40.64	ng	# 61
22) Acetophenone	6.24	105	547333	36.75	ng	# 84
24) Nitrobenzene	6.43	77	394218	37.74	ng	96
25) Isophorone	6.72	82	706467	38.42	ng	96
26) 2-Nitrophenol	6.81	139	219522	39.11	ng	97
27) 2,4-Dimethylphenol	6.89	122	354984	38.94	ng	98
28) bis(2-Chloroethoxy)methane	6.99	93	460538	38.72	ng	100
29) 2,4-Dichlorophenol	7.12	162	335395	39.55	ng	99
30) 1,2,4-Trichlorobenzene	7.20	180	330309	37.67	ng	99
31) Naphthalene	7.29	128	1098493	37.30	ng	100
32) Benzoic acid	7.04	122	63830	13.24	ng	96
33) 4-Chloroaniline	7.36	127	225705	18.42	ng	# 93
34) Hexachlorobutadiene	7.45	225	165368	37.83	ng	99
35) Caprolactam	7.82	113	107667m	40.41	ng	
36) 4-Chloro-3-methylphenol	7.99	107	357163	40.19	ng	87
37) 2-Methylnaphthalene	8.13	142	776192	38.53	ng	97
39) 1,2,4,5-Tetrachlorobenzene	8.34	216	291414	36.54	ng	98
40) Hexachlorocyclopentadiene	8.33	237	268679	83.29	ng	98

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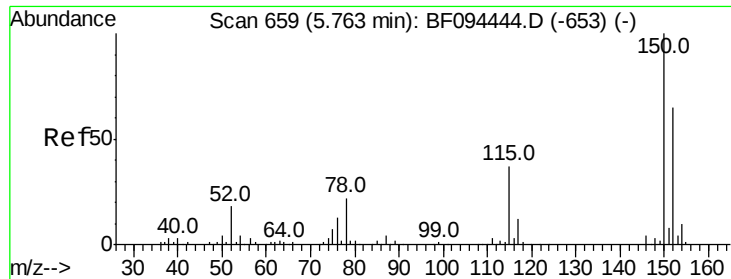
Manual Integrations
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.49	196	219315	39.16	nq	96
43) 2,4,5-Trichlorophenol	8.55	196	226623	39.41	nq	# 92
45) 1,1'-Biphenyl	8.70	154	862974	37.72	nq	98
46) 2-Chloronaphthalene	8.72	162	688396	37.84	nq	95
47) 2-Nitroaniline	8.86	65	210261	40.18	nq	# 83
48) Acenaphthylene	9.23	152	1081954	38.15	nq	99
49) Dimethylphthalate	9.10	163	810489	38.84	nq	99
50) 2,6-Dinitrotoluene	9.16	165	186121	39.73	nq	93
51) Acenaphthene	9.44	154	650025	38.27	nq	99
52) 3-Nitroaniline	9.36	138	136585	25.20	nq	88
53) 2,4-Dinitrophenol	9.50	184	82894	36.02	nq	# 73
54) Dibenzofuran	9.66	168	933553	37.81	nq	98
55) 4-Nitrophenol	9.63	139	308417	80.55	nq	89
56) 2,4-Dinitrotoluene	9.66	165	228058	39.68	nq	# 67
57) Fluorene	10.07	166	737740	38.37	nq	99
58) 2,3,4,6-Tetrachlorophenol	9.82	232	151685m	36.80	nq	
59) Diethylphthalate	9.97	149	780489	39.64	nq	98
60) 4-Chlorophenyl-phenylether	10.08	204	317550	39.69	nq	94
61) 4-Nitroaniline	10.12	138	198628	36.05	nq	95
62) Azobenzene	10.28	77	759399	39.72	nq	94
64) 4,6-Dinitro-2-methylphenol	10.16	198	83244	25.41	nq	# 67
65) n-Nitrosodiphenylamine	10.23	169	673925	38.76	nq	98
66) 4-Bromophenyl-phenylether	10.68	248	196353	39.55	nq	98
67) Hexachlorobenzene	10.75	284	194163	38.81	nq	# 88
68) Atrazine	10.91	200	198253	38.11	nq	97
69) Pentachlorophenol	11.00	266	132936	66.92	nq	100
70) Phenanthrene	11.25	178	1078829	38.32	nq	99
71) Anthracene	11.32	178	1125111	38.63	nq	98
72) Carbazole	11.52	167	1049923	38.41	nq	98
73) Di-n-butylphthalate	11.97	149	1219709	40.53	nq	99
74) Fluoranthene	12.71	202	1134708	38.89	nq	99
76) Benzidine	12.88	184	413510	24.82	nq	# 92
77) Pyrene	12.99	202	1146434	39.88	nq	99
79) Butylbenzylphthalate	13.81	149	531493	42.19	nq	90
80) Benzo(a)anthracene	14.46	228	937834	39.21	nq	99
81) 3,3'-Dichlorobenzidine	14.43	252	177864	21.01	nq	# 95
82) Chrysene	14.50	228	848974	38.84	nq	100
83) Bis(2-ethylhexyl)phthalate	14.52	149	719412	42.53	nq	99
84) Di-n-octyl phthalate	15.27	149	1168779	41.19	nq	97
85) Indeno(1,2,3-cd)pyrene	17.36	276	632829	30.43	nq	100
87) Benzo(b)fluoranthene	15.69	252	785086	43.27	nq	98
88) Benzo(k)fluoranthene	15.72	252	691076m	40.25	nq	
89) Benzo(a)pyrene	16.03	252	671189	39.76	nq	100
90) Dibenzo(a,h)anthracene	17.37	278	521926	37.24	nq	97
91) Benzo(g,h,i)perylene	17.73	276	545041	38.19	nq	97

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



#1

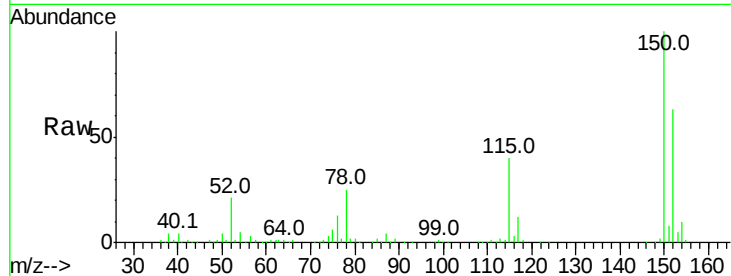
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 5.76 min Scan# 658
Delta R.T. -0.01 min
Lab File: BF094451.D
Acq: 17 Apr 2017 16:06

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ClientSampleId :
PB98268BS

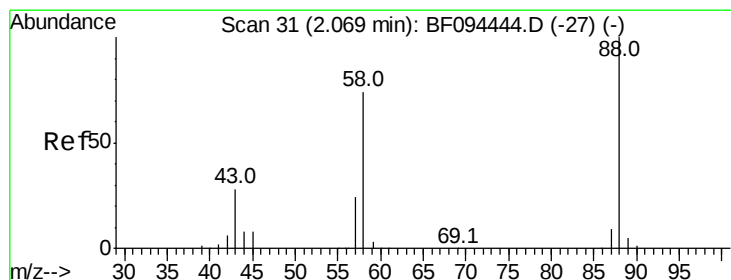
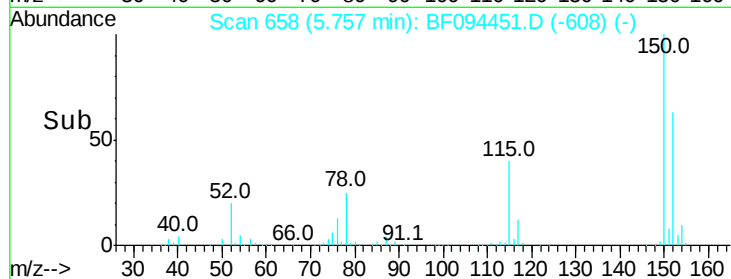
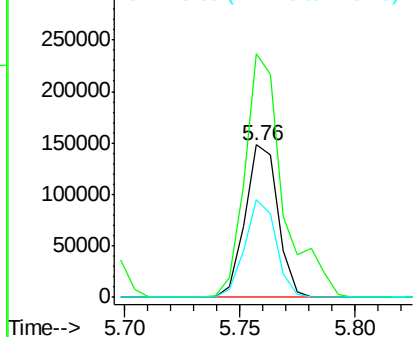
Tot Ion	Ratio	Lower	Upper
152	100		
150	159.9	126.2	189.2
115	64.2	52.2	78.2

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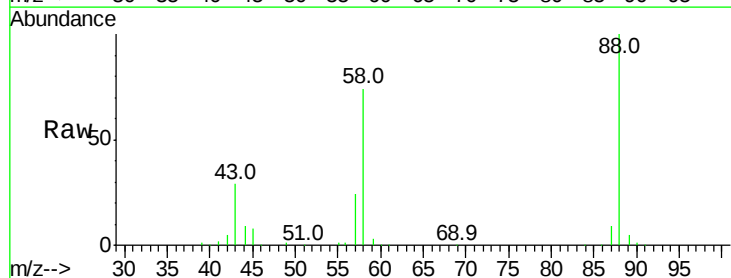
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



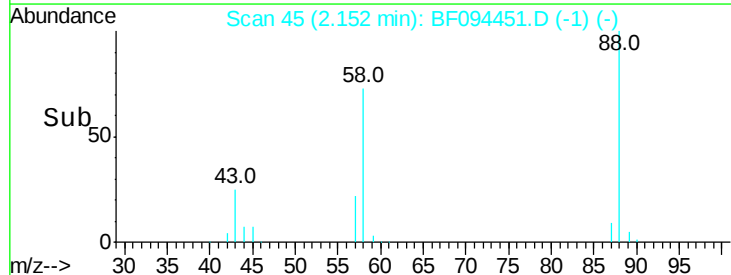
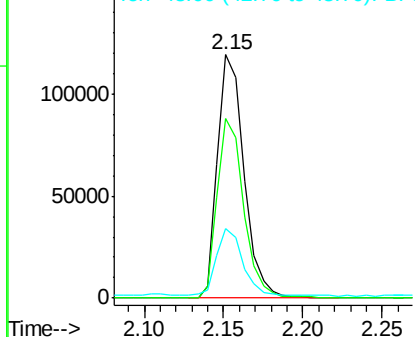
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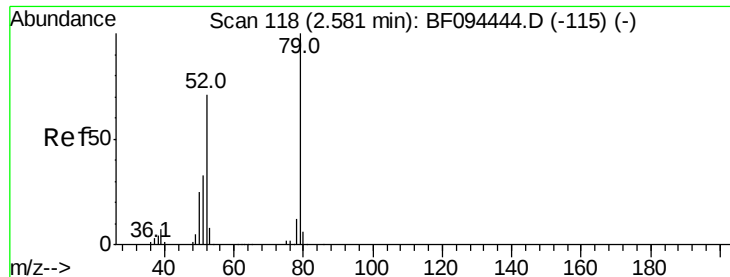
1,4-Dioxane
Concen: 26.75 ng
RT: 2.15 min Scan# 45
Delta R.T. 0.08 min
Lab File: BF094451.D
Acq: 17 Apr 2017 16:06

Tgt Ion	Ratio	Lower	Upper
88	100		
58	74.2	61.4	92.0
43	29.1	23.4	35.0



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: 37.03 ng

RT: 2.65 min Scan# 129

Delta R.T. 0.06 min

Lab File: BF094451.D

Acq: 17 Apr 2017 16:06

Instrument :

BNA_F

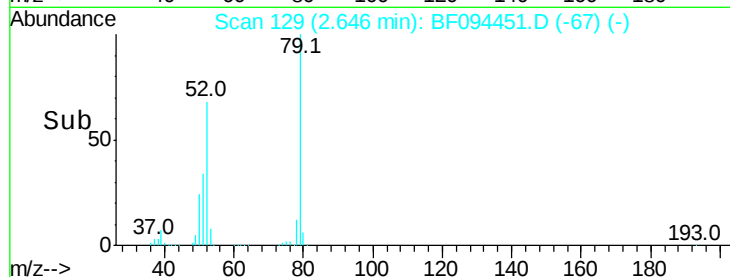
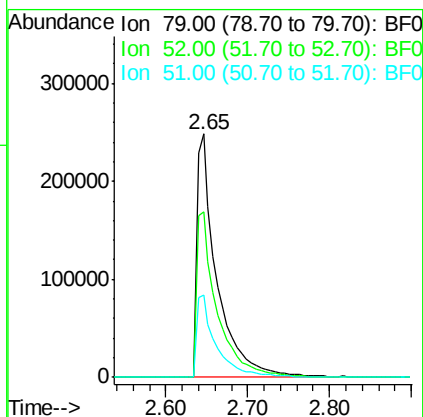
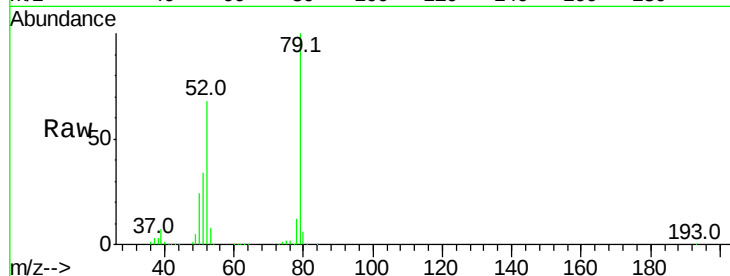
ClientSampleId :

PB98268BS

Tot Ion:	79	Resp:	419037
Ion Ratio	Lower	Upper	
79	100		
52	68.2	54.8	82.2
51	33.8	27.0	40.4

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#4

n-Nitrosodimethylamine

Concen: 38.57 ng

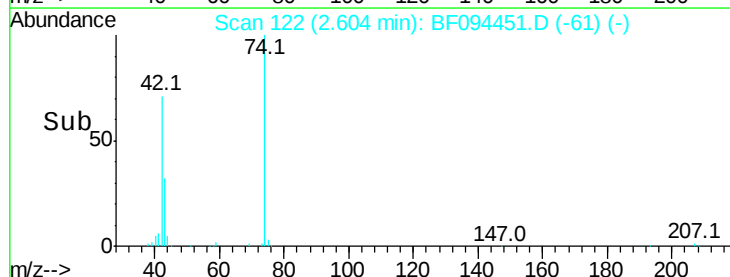
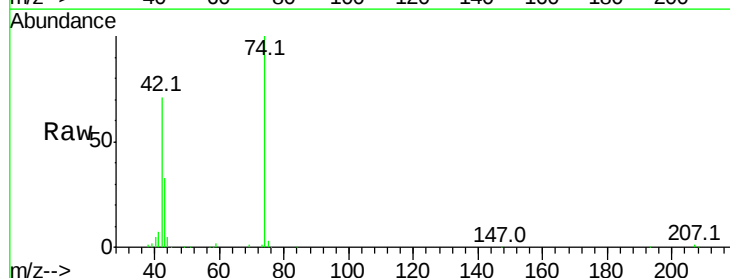
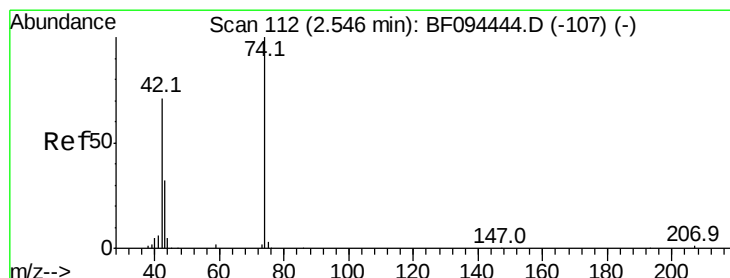
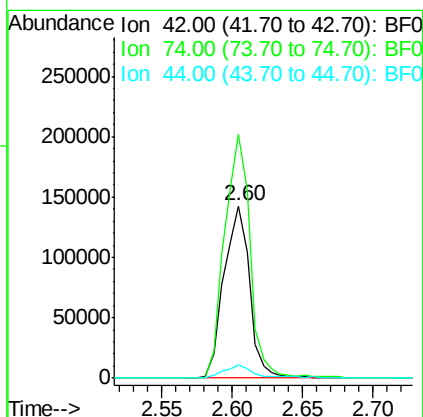
RT: 2.60 min Scan# 122

Delta R.T. 0.06 min

Lab File: BF094451.D

Acq: 17 Apr 2017 16:06

Tgt Ion:	42	Resp:	180580
Ion Ratio	Lower	Upper	
42	100		
74	141.2	103.9	155.9
44	7.6	5.7	8.5





#5

2-Fluorophenol

Concen: 112.47 ng

RT: 4.32 min Scan# 414

Delta R.T. 0.02 min

Lab File: BF094451.D

Acq: 17 Apr 2017 16:06

Instrument :

BNA_F

ClientSampled :

PB98268BS

Tot Ion:112 Resp: 1001193

Ion Ratio Lower Upper

112 100

64 55.5 46.0 69.0

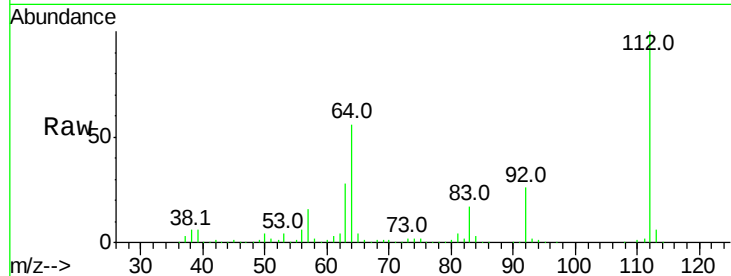
63 28.2 23.4 35.0

Manual Integrations

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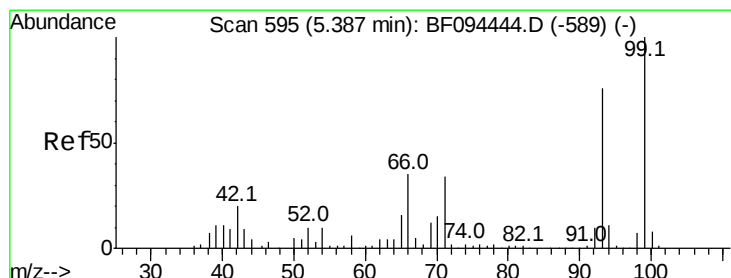
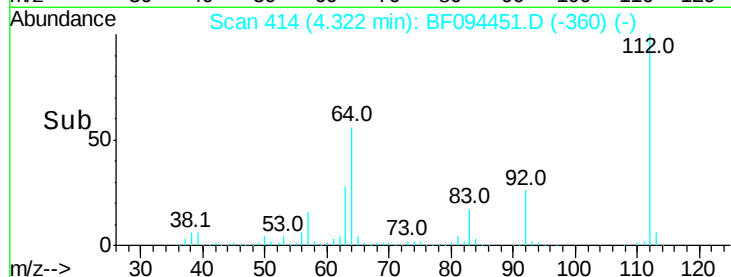
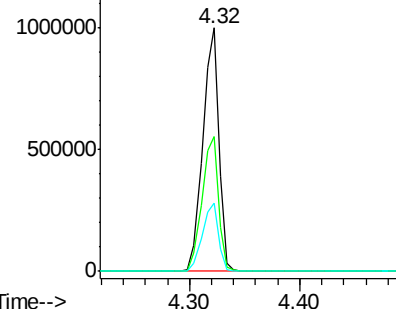
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Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 21.88 ng

RT: 5.39 min Scan# 595

Delta R.T. 0.00 min

Lab File: BF094451.D

Acq: 17 Apr 2017 16:06

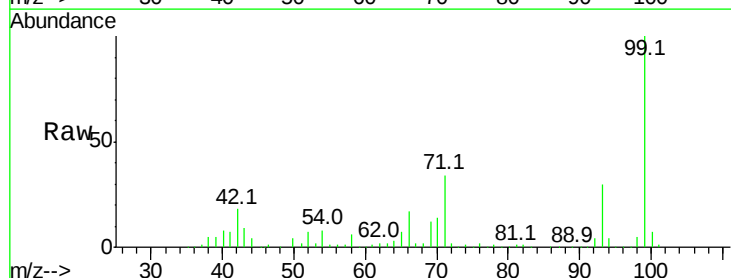
Tgt Ion: 93 Resp: 305216

Ion Ratio Lower Upper

93 100

66 56.4 32.9 49.3#

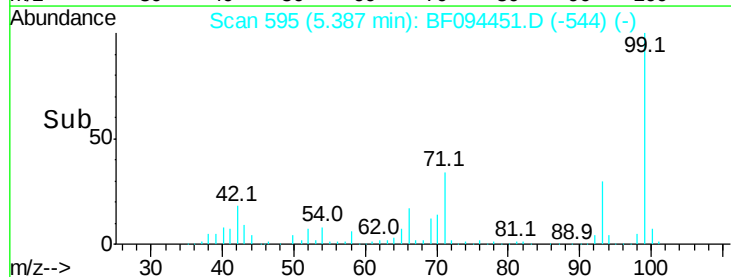
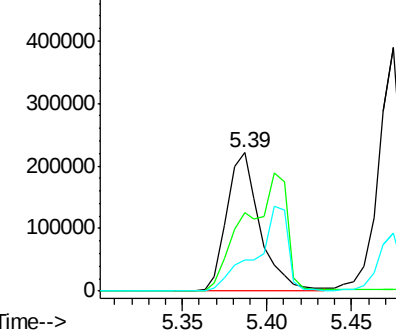
65 22.5 16.0 24.0

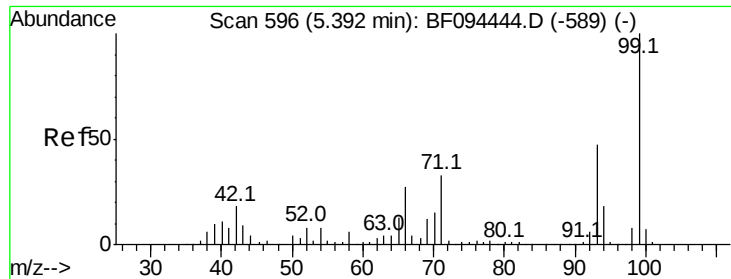


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 118.40 ng

RT: 5.39 min Scan# 596

Delta R.T. 0.00 min

Lab File: BF094451.D

Acq: 17 Apr 2017 16:06

Instrument :

BNA_F

ClientSampleId :

PB98268BS

Tot Ion: 99 Resp: 1242524

Ion Ratio Lower Upper

99 100

42 18.2 13.5 20.3

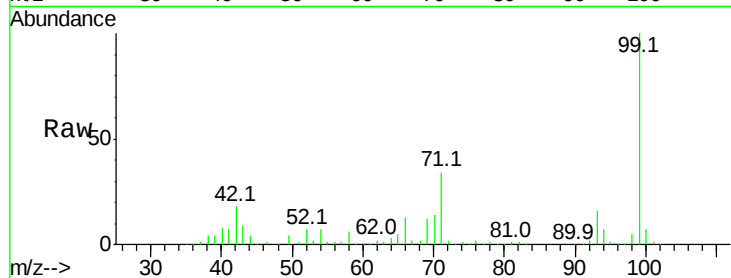
71 34.3 24.5 36.7

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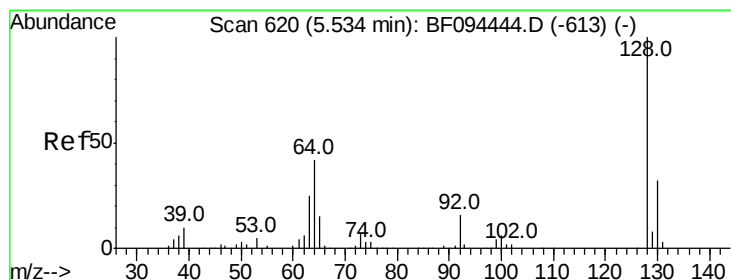
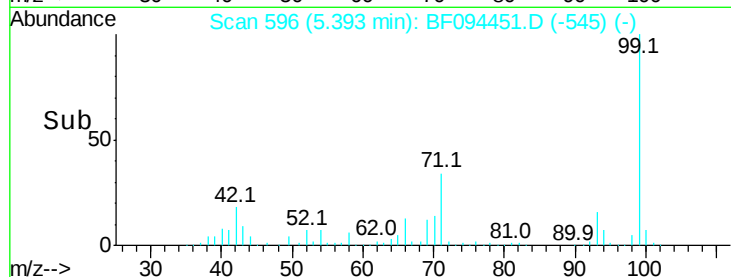
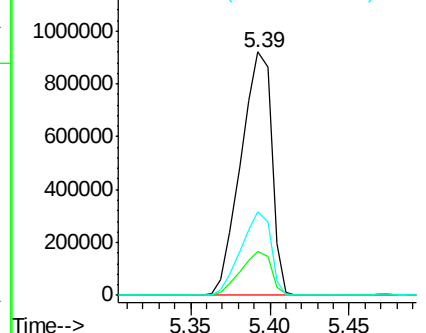
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Abundance Ion 99.00 (98.70 to 99.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 38.50 ng

RT: 5.53 min Scan# 620

Delta R.T. 0.00 min

Lab File: BF094451.D

Acq: 17 Apr 2017 16:06

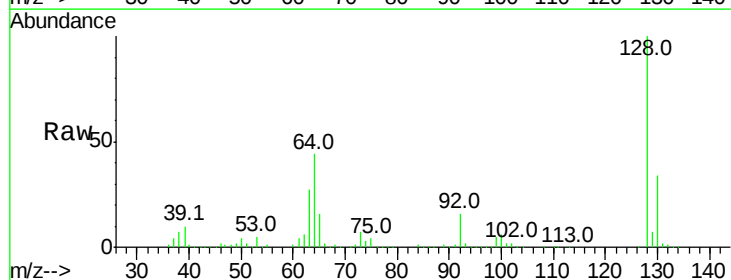
Tgt Ion:128 Resp: 389950

Ion Ratio Lower Upper

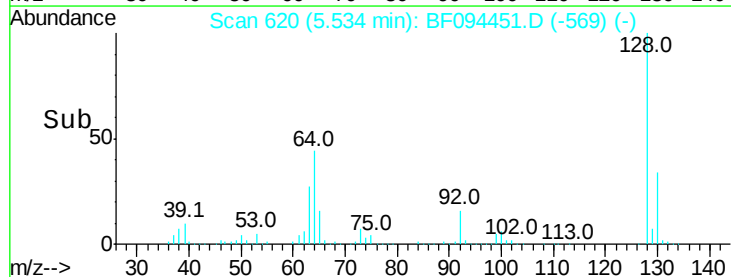
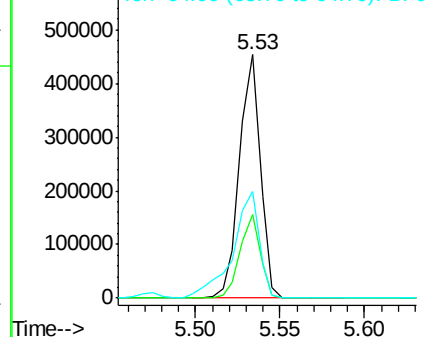
128 100

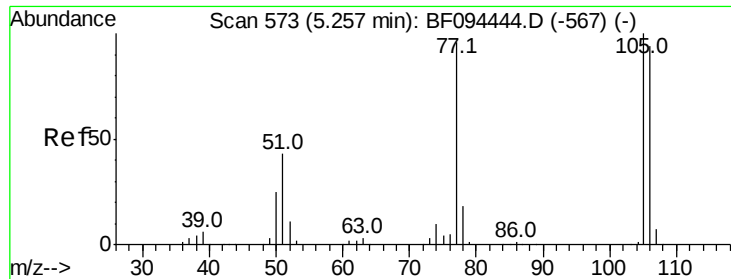
130 34.2 12.9 52.9

64 43.9 28.4 68.4



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





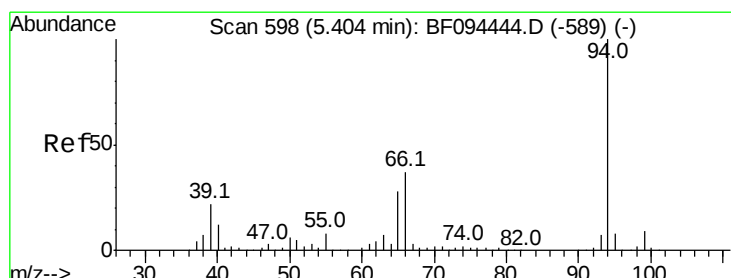
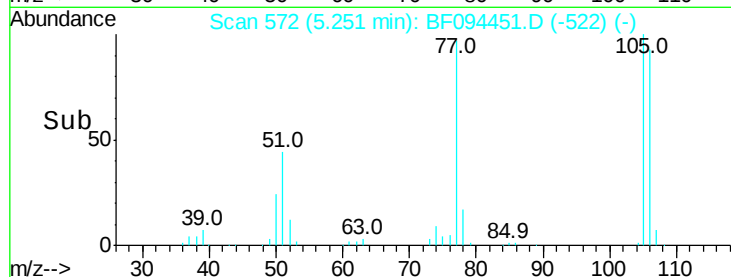
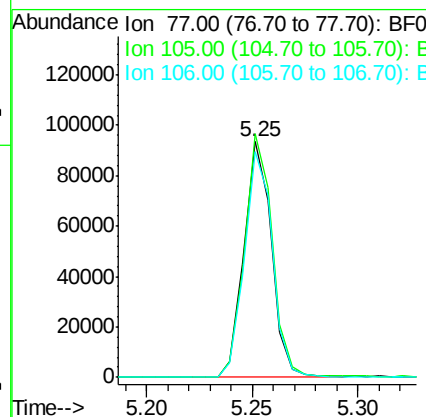
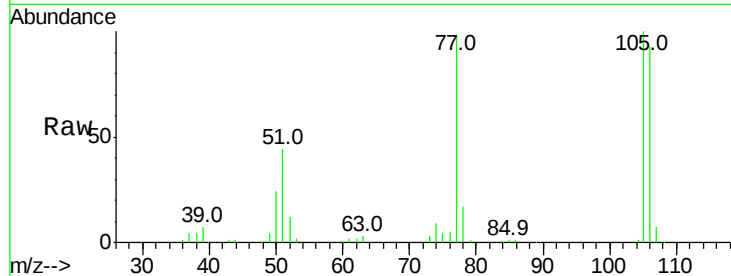
#9
Benzaldehyde
Concen: 10.56 ng
RT: 5.25 min Scan# 572
Delta R.T. -0.01 min
Lab File: BF094451.D
Acq: 17 Apr 2017 16:06

Instrument :
BNA_F
ClientSampleId :
PB98268BS

Tot Ion: 77 Resp: 84324
Ion Ratio Lower Upper
77 100
105 103.2 83.8 123.8
106 95.9 79.1 119.1

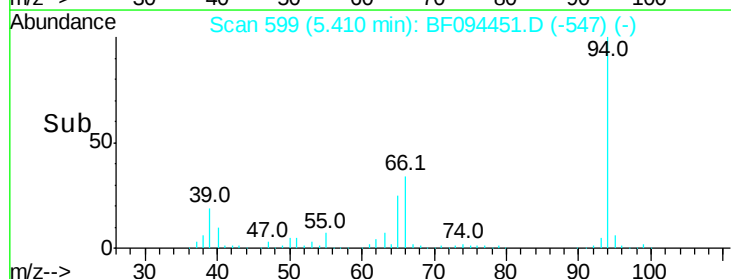
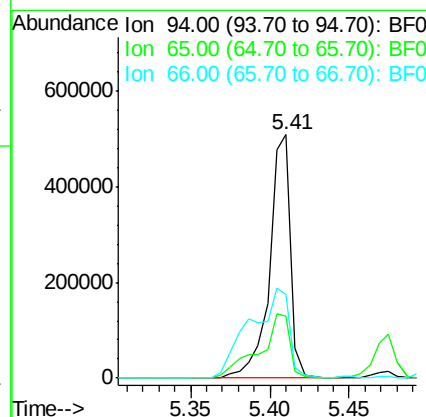
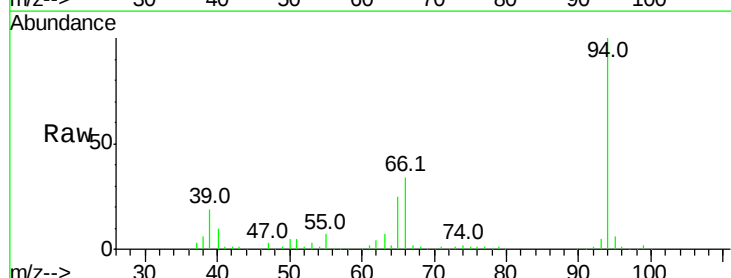
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#10
Phenol
Concen: 36.82 ng
RT: 5.41 min Scan# 599
Delta R.T. 0.01 min
Lab File: BF094451.D
Acq: 17 Apr 2017 16:06

Tgt Ion: 94 Resp: 474671
Ion Ratio Lower Upper
94 100
65 25.3 9.9 49.9
66 34.3 23.1 63.1





#11

bis(2-Chloroethyl)ether

Concen: 38.64 ng

RT: 5.47 min Scan# 610

Delta R.T. 0.00 min

Lab File: BF094451.D

Acq: 17 Apr 2017 16:06

Instrument :

BNA_F

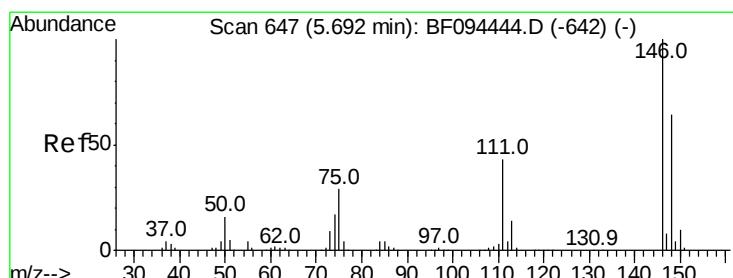
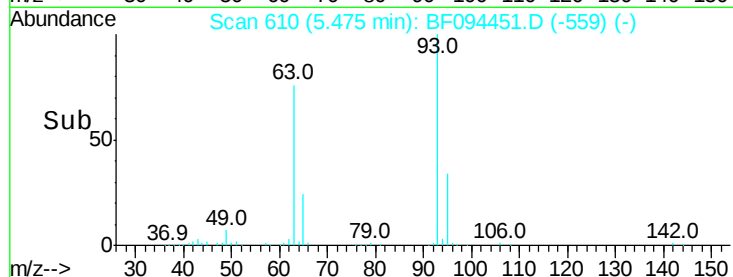
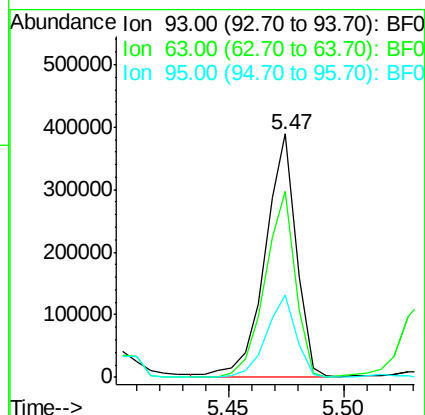
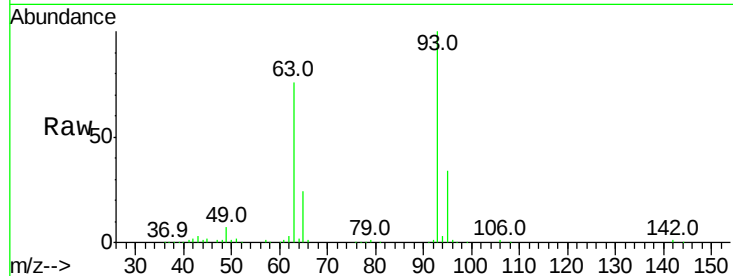
ClientSampleID :

PB98268BS

Tot Ion:	93	Resp:	363933
Ion	Ratio	Lower	Upper
93	100		
63	76.4	59.2	99.2
95	33.8	12.8	52.8

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#12

1,3-Dichlorobenzene

Concen: 37.49 ng

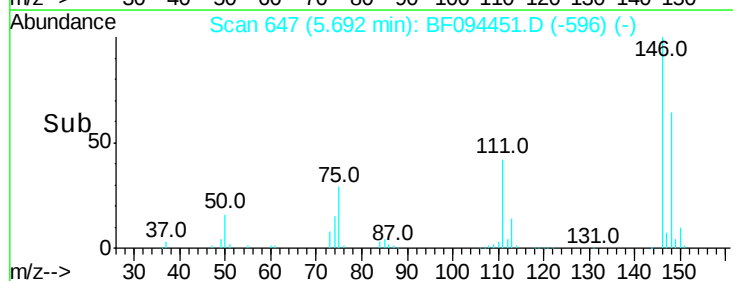
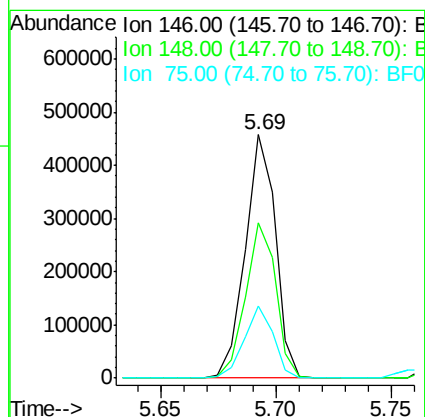
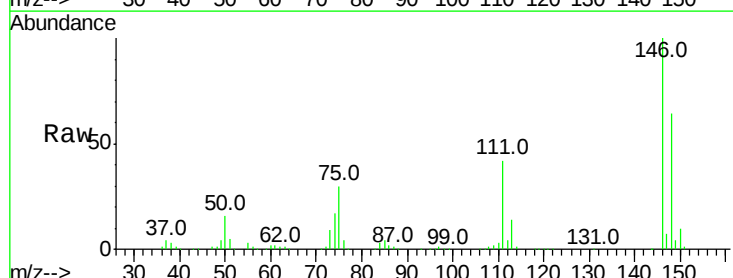
RT: 5.69 min Scan# 647

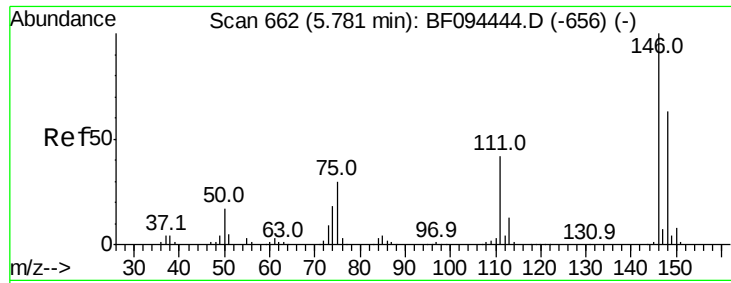
Delta R.T. 0.00 min

Lab File: BF094451.D

Acq: 17 Apr 2017 16:06

Tgt Ion:	146	Resp:	420716
Ion	Ratio	Lower	Upper
146	100		
148	64.0	51.8	77.6
75	29.5	23.1	34.7





#13

1,4-Dichlorobenzene

Concen: 37.45 ng

RT: 5.78 min Scan# 662

Delta R.T. 0.00 min

Lab File: BF094451.D

Acq: 17 Apr 2017 16:06

Instrument :

BNA_F

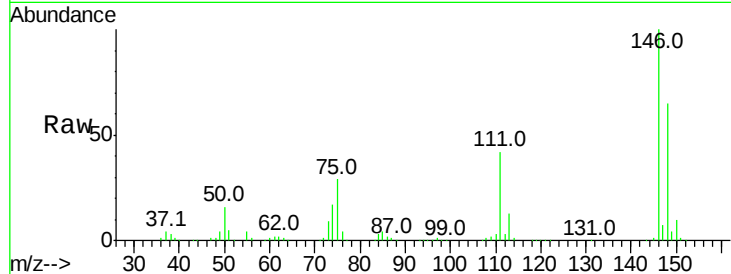
ClientSampleId :

PB98268BS

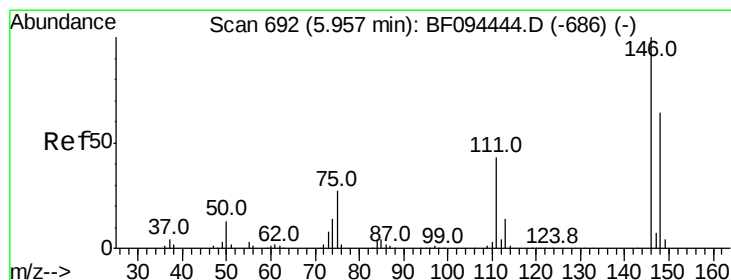
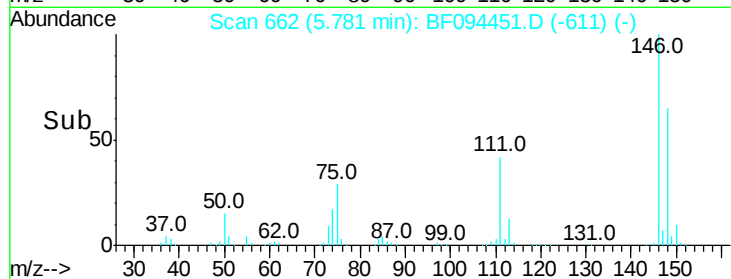
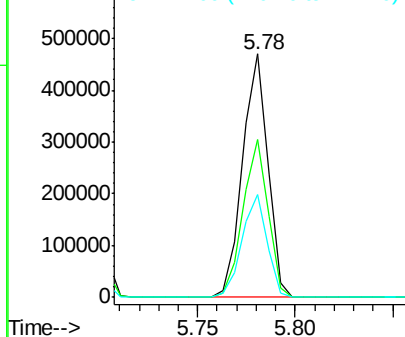
Tot Ion:	146	Resp:	422819
Ion Ratio	Lower	Upper	
146	100		
148	64.6	52.2	78.2
111	42.1	30.3	45.5

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Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 37.26 ng

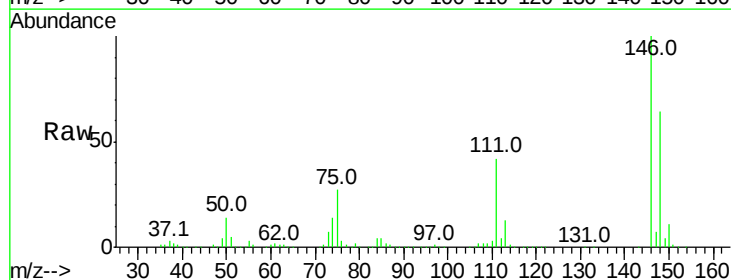
RT: 5.96 min Scan# 692

Delta R.T. 0.00 min

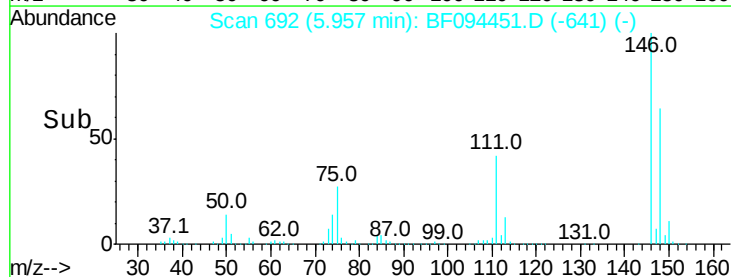
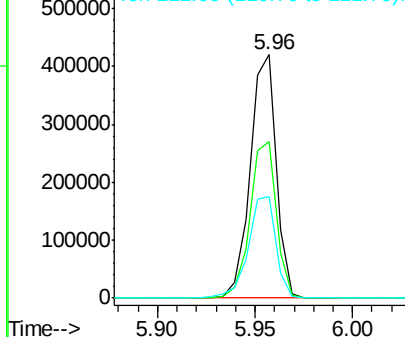
Lab File: BF094451.D

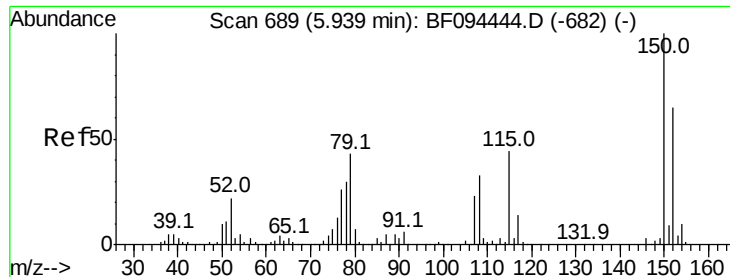
Acq: 17 Apr 2017 16:06

Tgt Ion:	146	Resp:	387561
Ion Ratio	Lower	Upper	
146	100		
148	64.2	50.4	75.6
111	41.8	38.2	57.4



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 39.06 ng

RT: 5.94 min Scan# 689

Delta R.T. 0.00 min

Lab File: BF094451.D

Acq: 17 Apr 2017 16:06

Instrument :

BNA_F

ClientSampleId :

PB98268BS

Tot Ion: 79 Resp: 304083

Ion Ratio Lower Upper

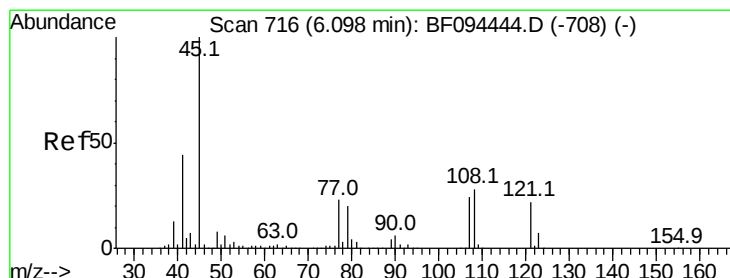
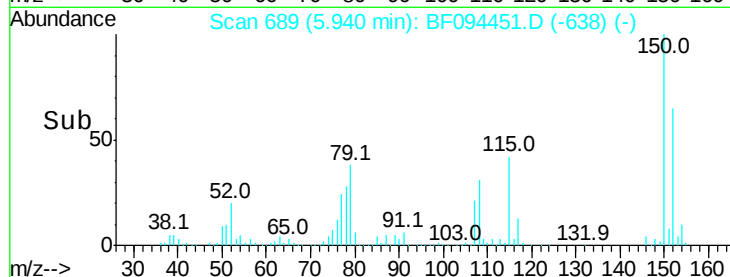
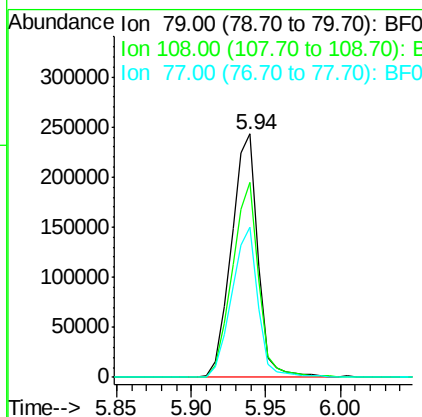
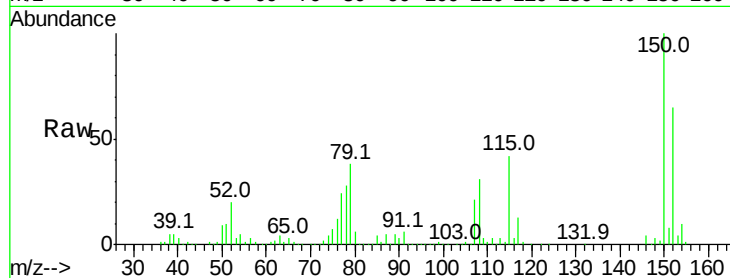
79 100

108 80.0 63.4 95.0

77 61.5 49.2 73.8

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#16

2,2'-oxybis(1-chloropropane)

Concen: 38.50 ng

RT: 6.09 min Scan# 715

Delta R.T. -0.01 min

Lab File: BF094451.D

Acq: 17 Apr 2017 16:06

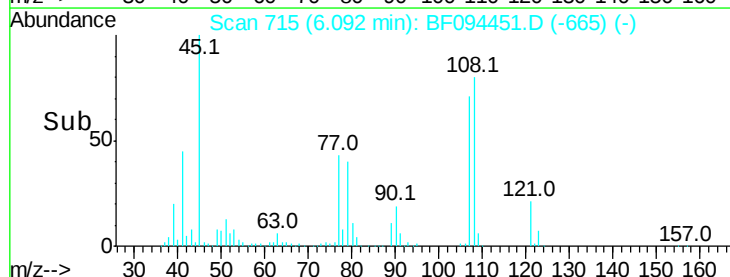
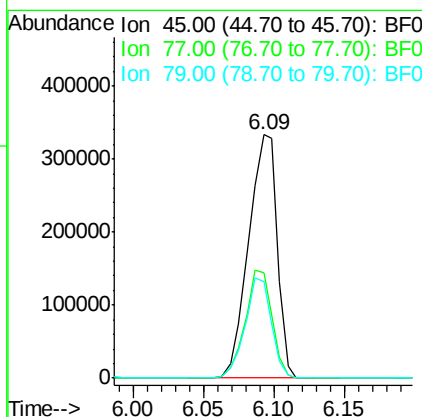
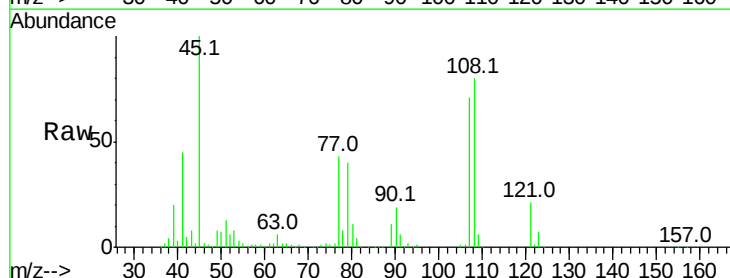
Tgt Ion: 45 Resp: 475361

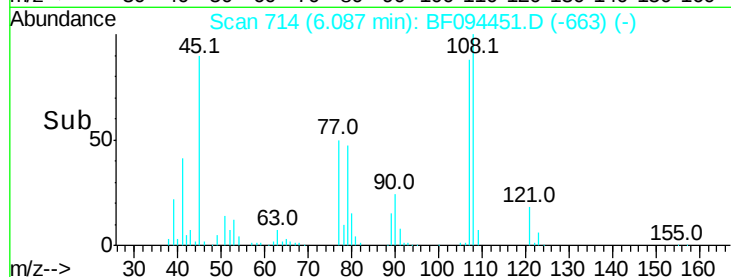
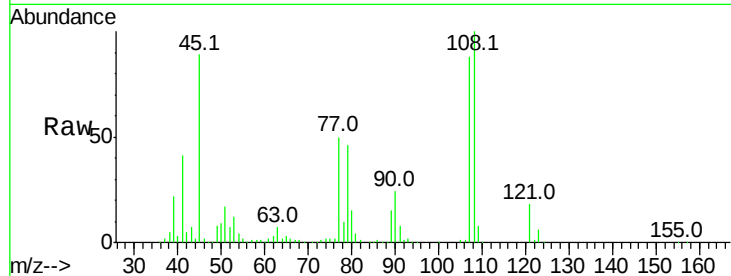
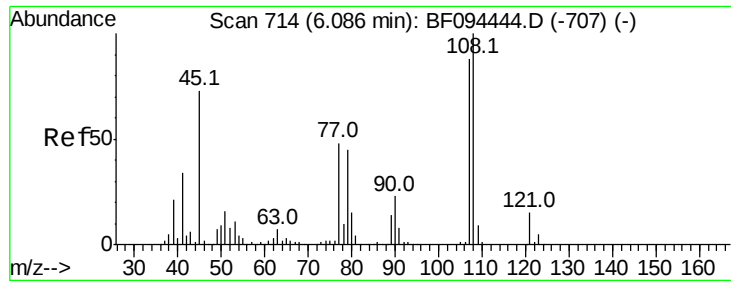
Ion Ratio Lower Upper

45 100

77 43.1 0.0 33.2#

79 39.8 0.0 30.0#





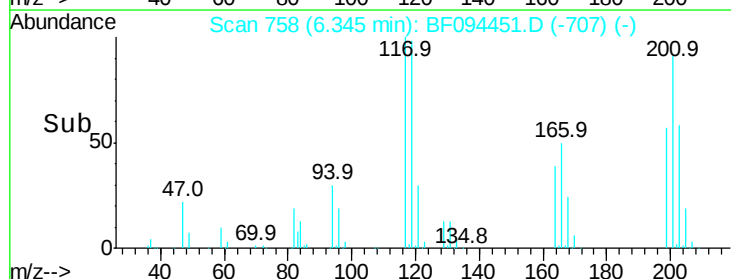
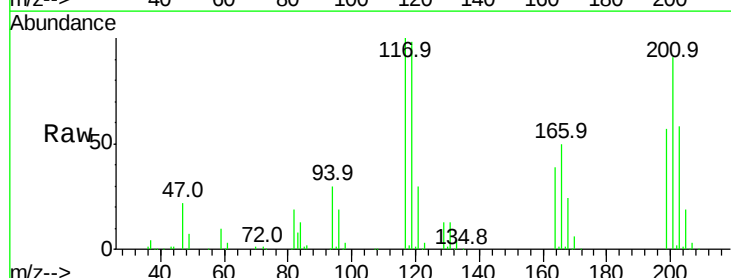
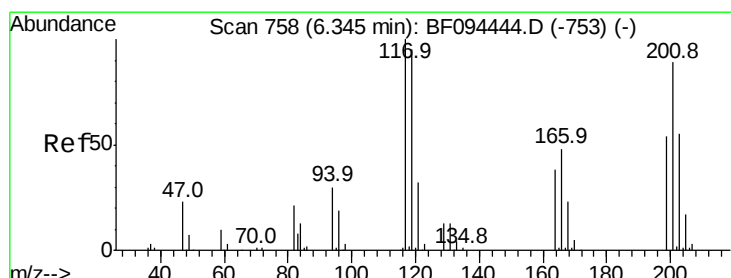
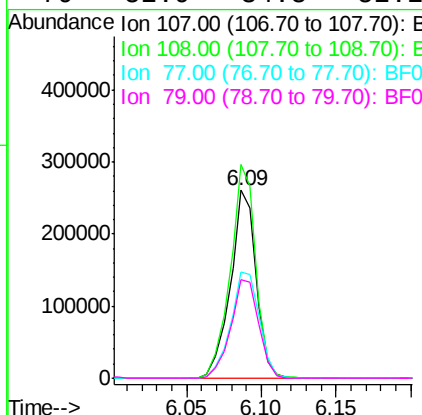
#17
2-Methylphenol
Concen: 39.45 ng
RT: 6.09 min Scan# 714
Delta R.T. 0.00 min
Lab File: BF094451.D
Acq: 17 Apr 2017 16:06

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	113.8	93.4	140.0	
77	56.8	35.8	53.6	
79	52.9	34.8	52.2	

Instrument :
BNA_F
ClientSampleId :
PB98268BS

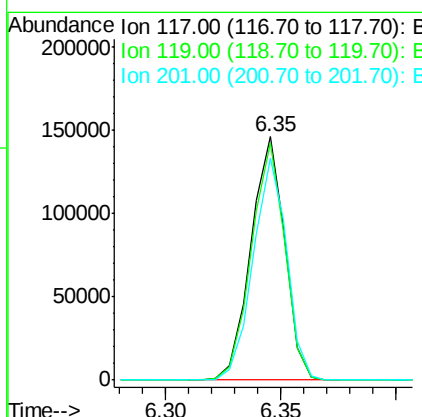
Manual Integrations
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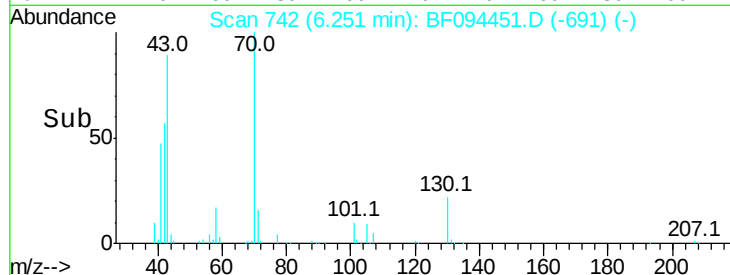
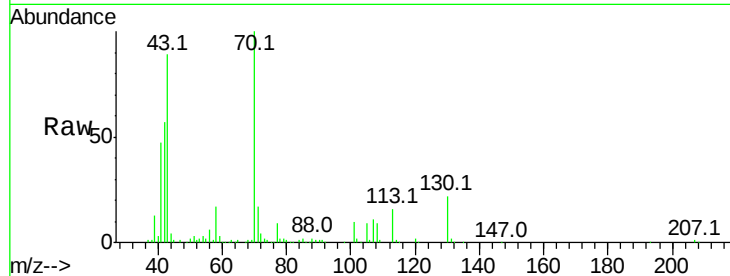
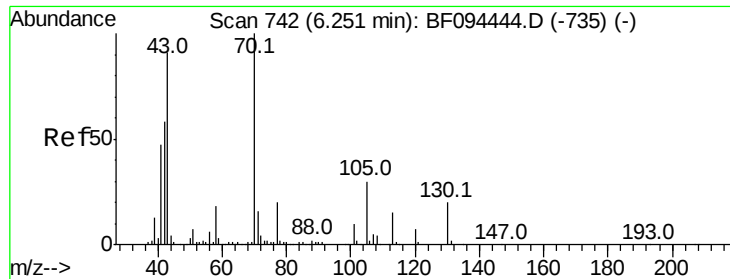
mohammad
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#18
Hexachloroethane
Concen: 38.45 ng
RT: 6.35 min Scan# 758
Delta R.T. 0.00 min
Lab File: BF094451.D
Acq: 17 Apr 2017 16:06

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	97.5	77.4	116.0	
201	91.4	94.6	141.8	





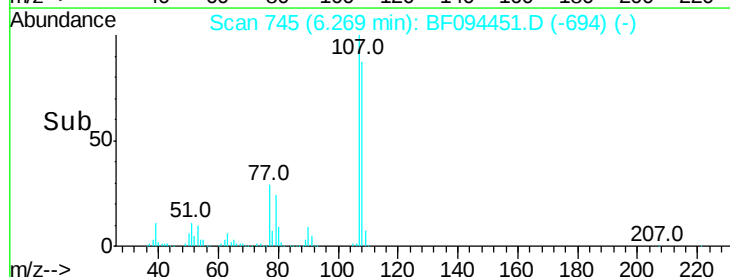
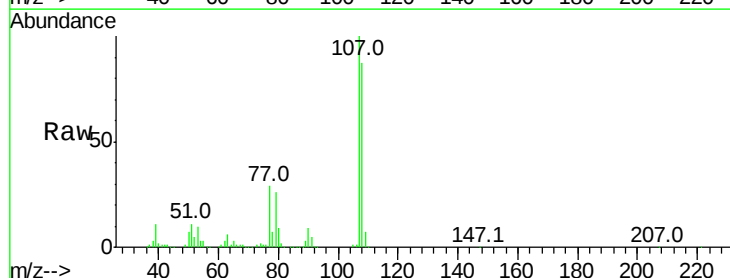
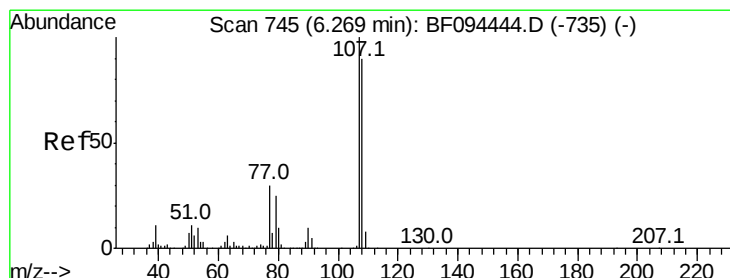
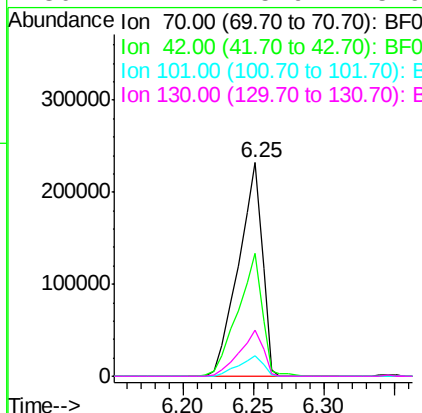
#19
n-Nitroso-di-n-propylamine
Concen: 39.46 ng
RT: 6.25 min Scan# 742
Delta R.T. 0.00 min
Lab File: BF094451.D
Acq: 17 Apr 2017 16:06

Instrument :
BNA_F
ClientSampleId :
PB98268BS

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	57.4	47.2	70.8	
101	9.5	7.2	10.8	
130	21.7	15.9	23.9	

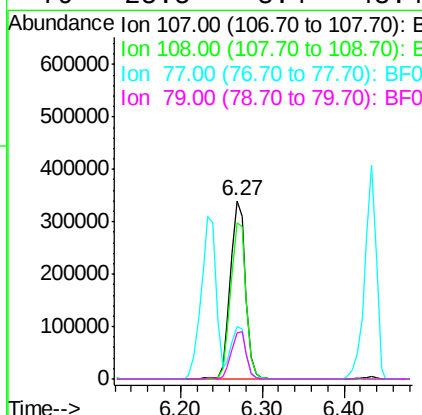
Manual Integrations
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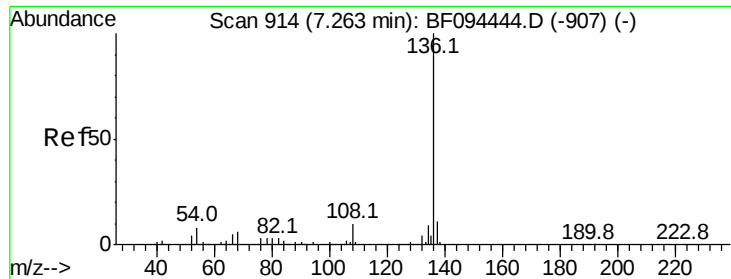
mohammad
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#20
3+4-Methylphenols
Concen: 40.64 ng
RT: 6.27 min Scan# 745
Delta R.T. 0.00 min
Lab File: BF094451.D
Acq: 17 Apr 2017 16:06

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	87.5	71.0	111.0	
77	29.3	90.5	130.5#	
79	25.5	8.4	48.4	





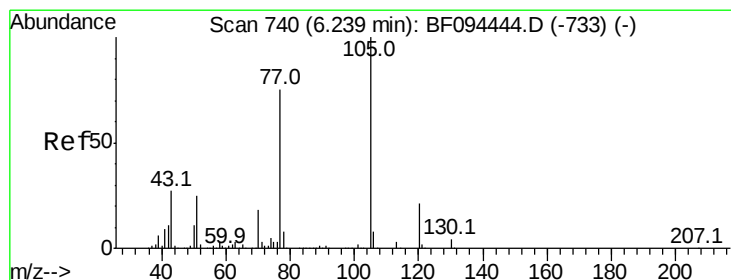
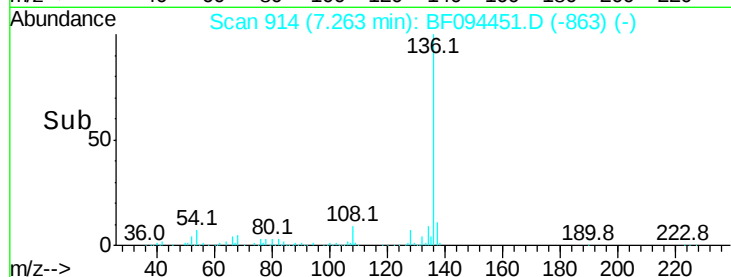
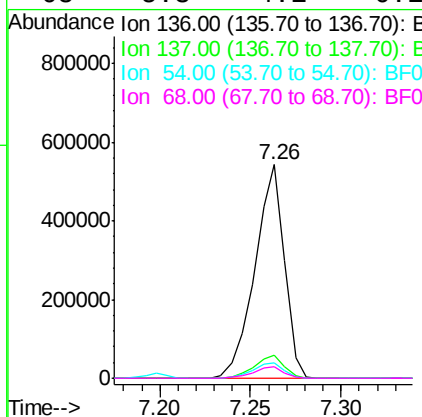
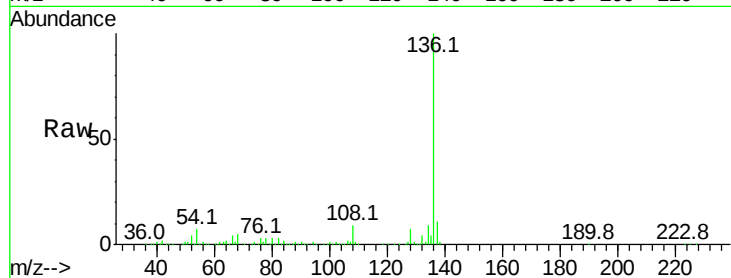
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.26 min Scan# 914
Delta R.T. 0.00 min
Lab File: BF094451.D
Acq: 17 Apr 2017 16:06

Instrument :
BNA_F
ClientSampleId :
PB98268BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	612559		
137	10.6		8.5	12.7
54	6.9		4.9	7.3
68	5.3		4.1	6.1

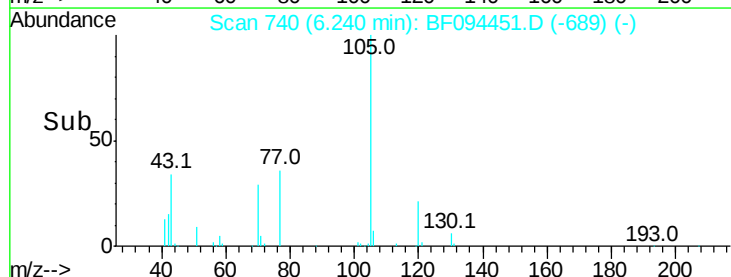
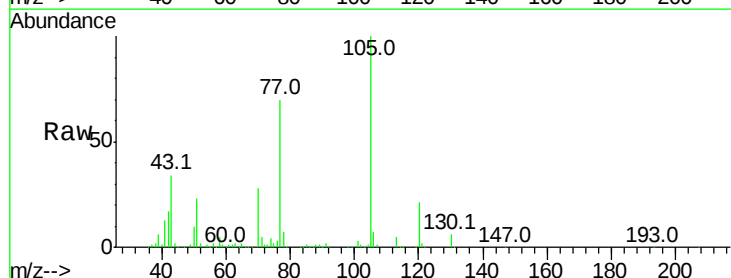
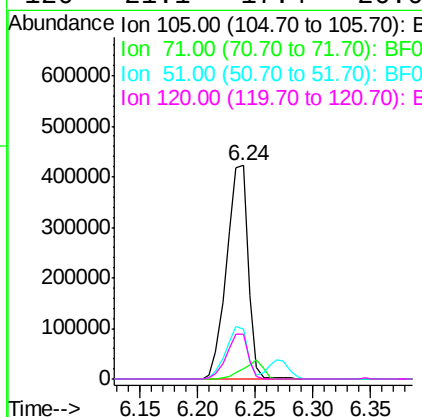
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#22
Acetophenone
Concen: 36.75 ng
RT: 6.24 min Scan# 740
Delta R.T. 0.00 min
Lab File: BF094451.D
Acq: 17 Apr 2017 16:06

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	547333		
71	4.8		2.8	4.2#
51	23.3		30.7	46.1#
120	21.1		17.4	26.0





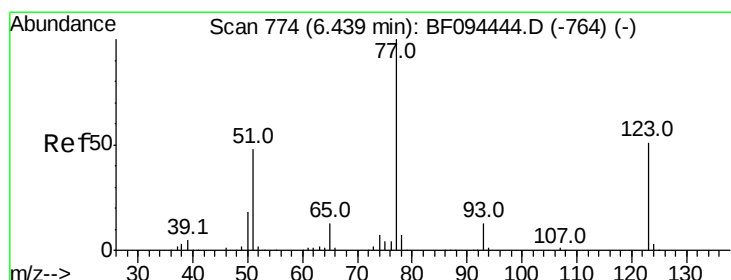
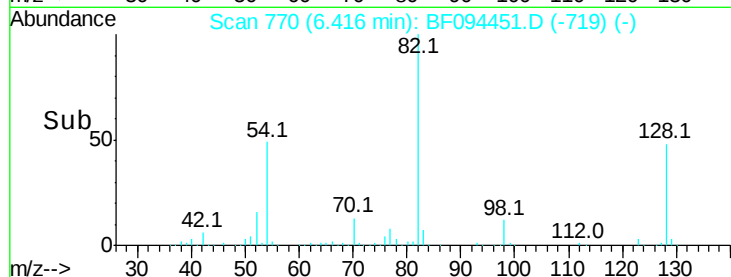
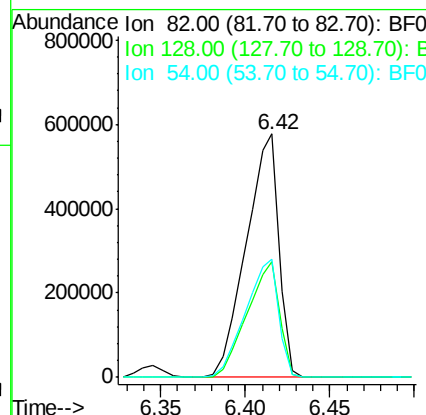
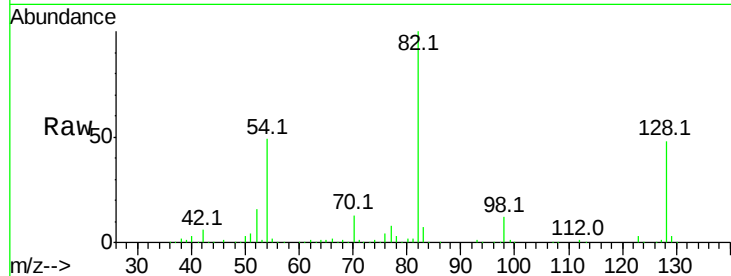
#23
Nitrobenzene-d5
Concen: 78.47 ng
RT: 6.42 min Scan# 770
Delta R.T. 0.00 min
Lab File: BF094451.D
Acq: 17 Apr 2017 16:06

Instrument :
BNA_F
ClientSampleId :
PB98268BS

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	47.6	34.0	51.0	
54	48.7	42.2	63.2	

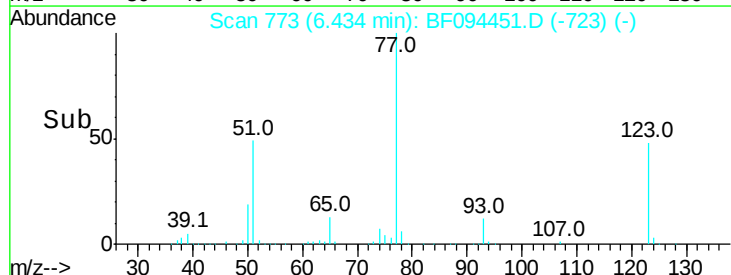
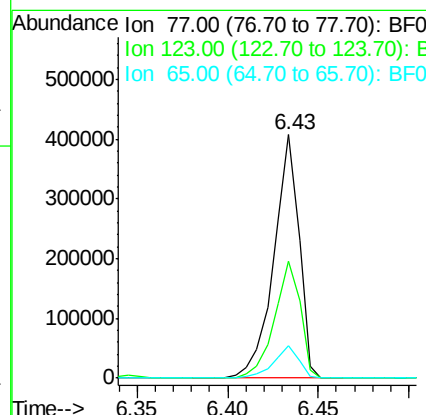
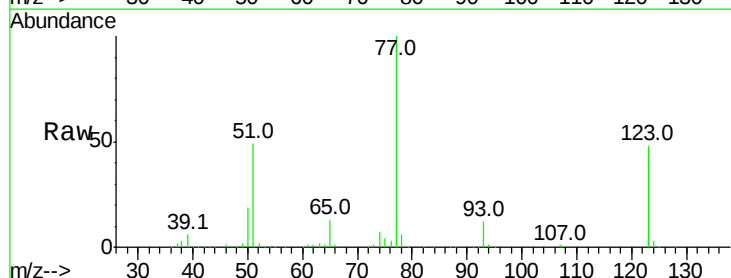
Manual Integrations
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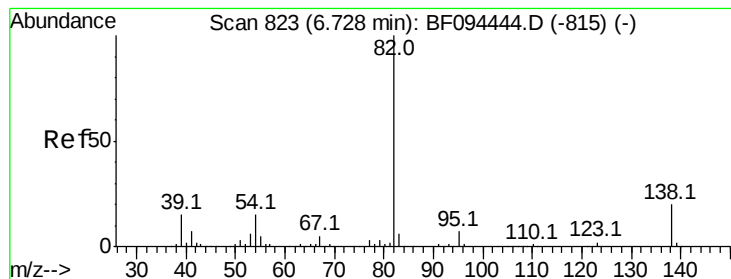
mohammad
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#24
Nitrobenzene
Concen: 37.74 ng
RT: 6.43 min Scan# 773
Delta R.T. -0.01 min
Lab File: BF094451.D
Acq: 17 Apr 2017 16:06

Tgt Ion	Ratio	Resp	Lower	Upper
77	100			
123	47.8	35.8	53.8	
65	13.5	10.6	15.8	





#25

Isophorone

Concen: 38.42 ng

RT: 6.72 min Scan# 822

Delta R.T. -0.01 min

Lab File: BF094451.D

Acq: 17 Apr 2017 16:06

Instrument :

BNA_F

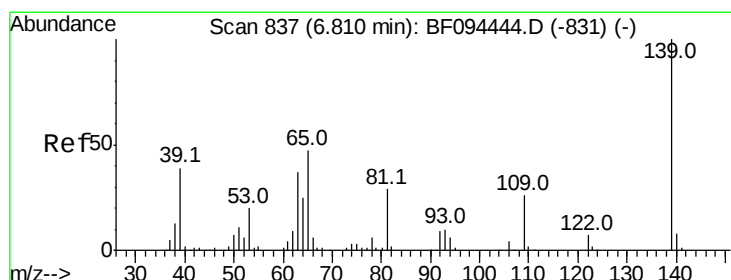
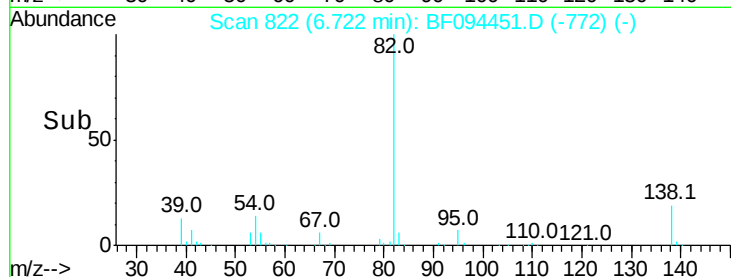
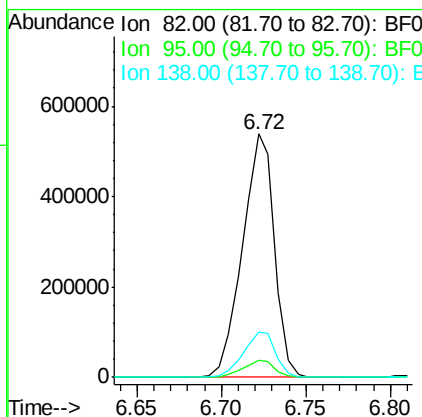
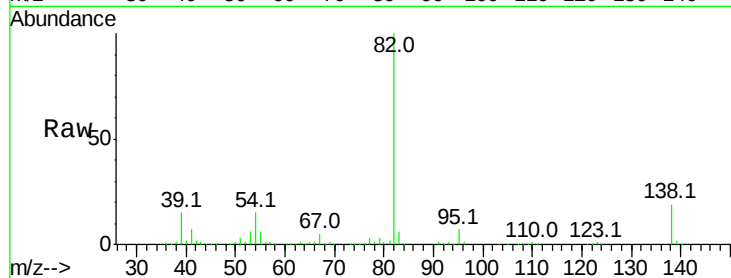
ClientSampleId :

PB98268BS

Tot Ion:	82	Resp:	706467
Ion Ratio	Lower	Upper	
82	100		
95	7.0	5.3	7.9
138	18.7	13.1	19.7

Manual Integrations
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#26

2-Nitrophenol

Concen: 39.11 ng

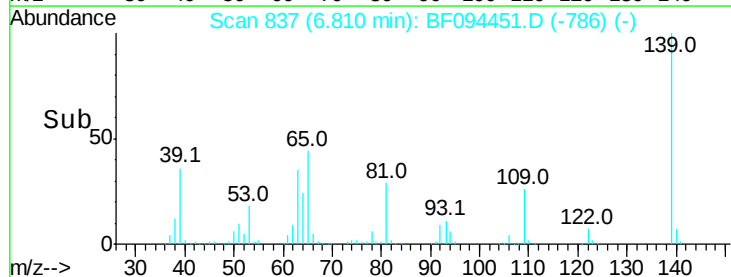
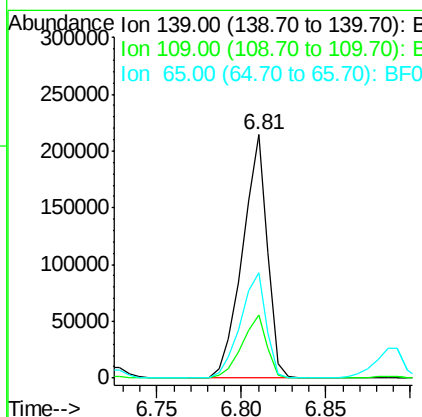
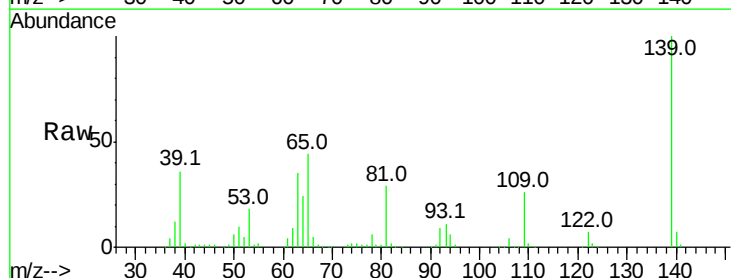
RT: 6.81 min Scan# 837

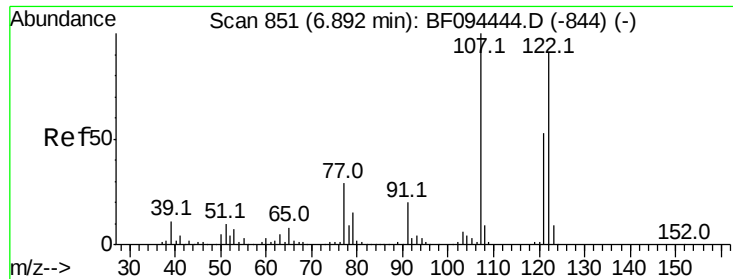
Delta R.T. 0.00 min

Lab File: BF094451.D

Acq: 17 Apr 2017 16:06

Tgt Ion:	139	Resp:	219522
Ion Ratio	Lower	Upper	
139	100		
109	25.8	21.0	31.6
65	43.5	33.0	49.6





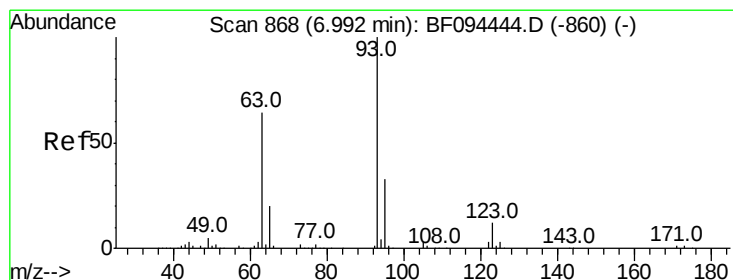
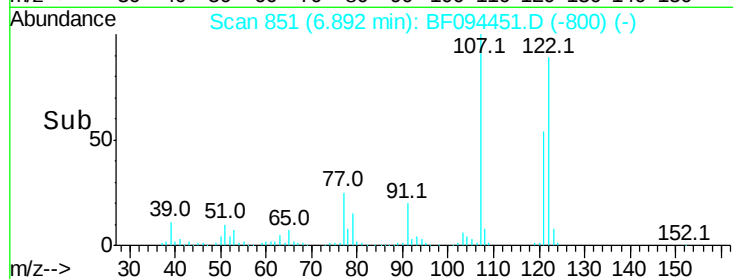
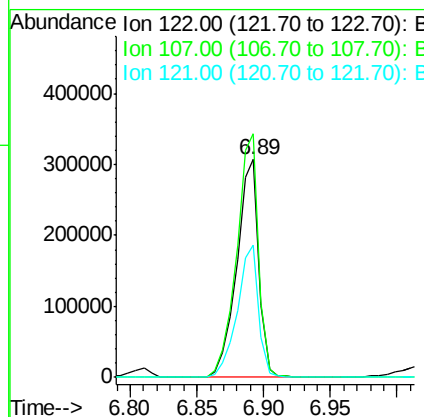
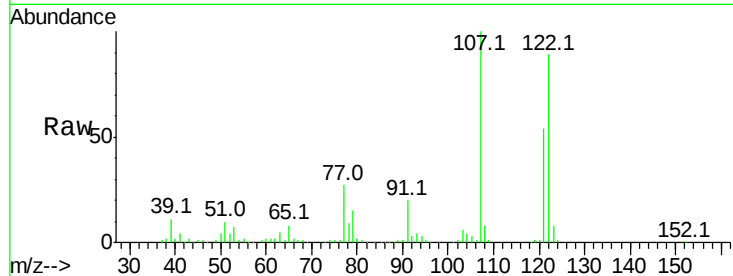
#27
 2,4-Dimethylphenol
 Concen: 38.94 ng
 RT: 6.89 min Scan# 851
 Delta R.T. 0.00 min
 Lab File: BF094451.D
 Acq: 17 Apr 2017 16:06

Instrument :
 BNA_F
 ClientSampleId :
 PB98268BS

Tot Ion	Ratio	Resp	Lower	Upper
122	100			
107	111.9	89.2	133.8	
121	60.6	45.2	67.8	

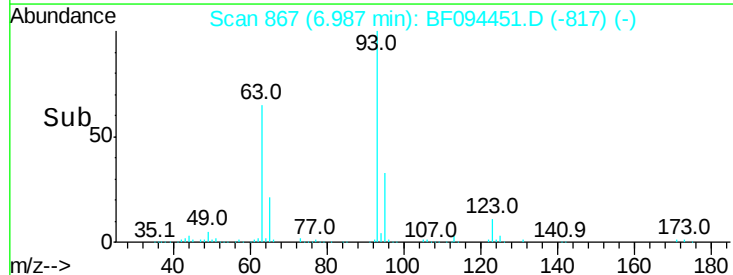
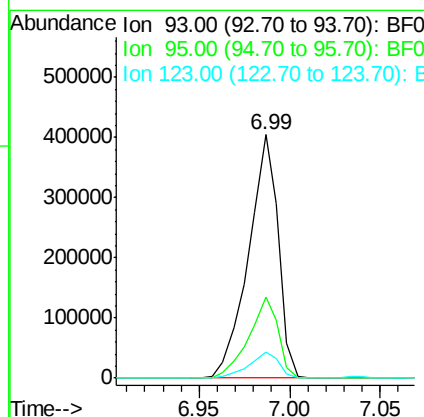
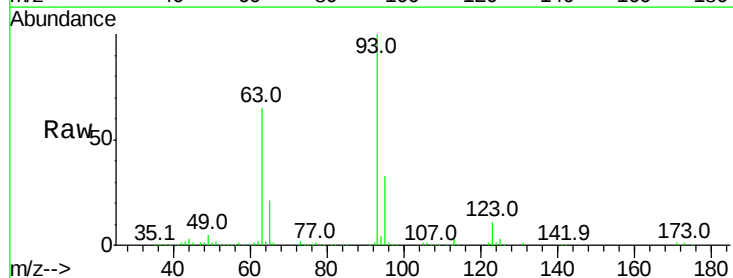
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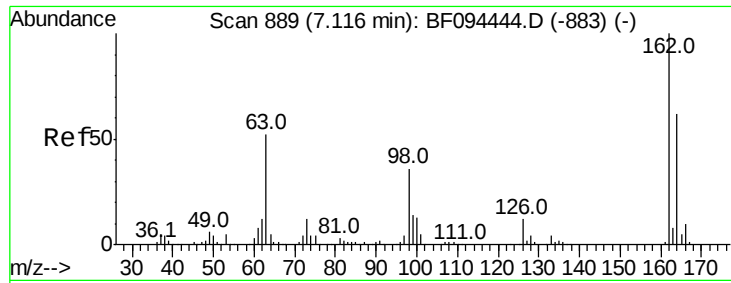
mohammad
 4/18/2017 3:08:00 PM



#28
 bis(2-Chloroethoxy)methane
 Concen: 38.72 ng
 RT: 6.99 min Scan# 867
 Delta R.T. -0.01 min
 Lab File: BF094451.D
 Acq: 17 Apr 2017 16:06

Tgt Ion	Ratio	Resp	Lower	Upper
93	100			
95	33.1	26.5	39.7	
123	10.7	9.0	13.4	





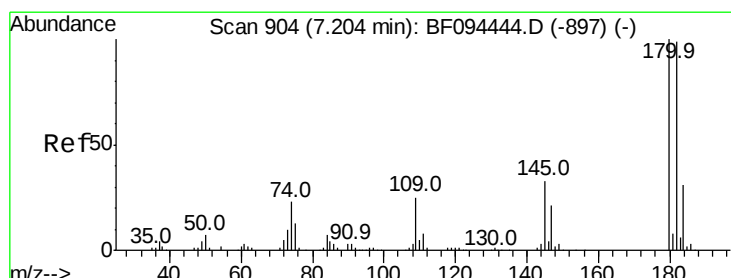
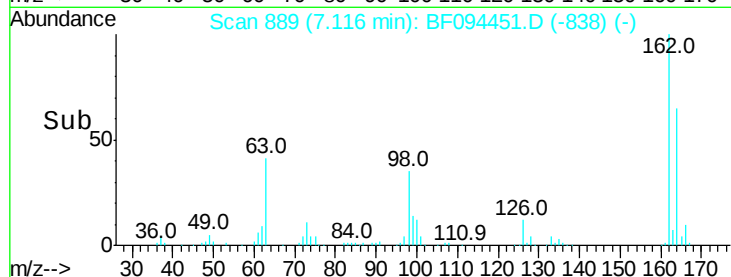
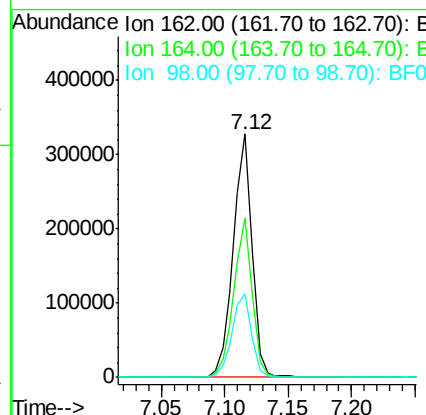
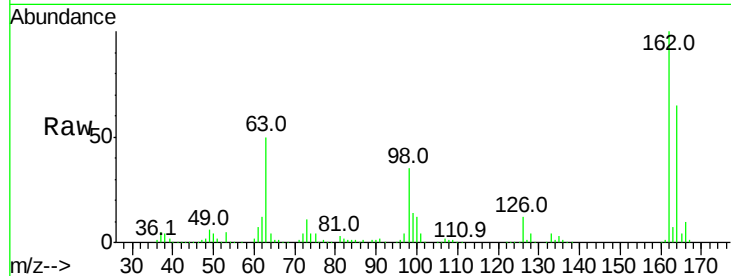
#29
 2,4-Dichlorophenol
 Concen: 39.55 ng
 RT: 7.12 min Scan# 889
 Delta R.T. 0.00 min
 Lab File: BF094451.D
 Acq: 17 Apr 2017 16:06

Instrument :
 BNA_F
 ClientSampleId :
 PB98268BS

Tot Ion	Ratio	Resp Lower	Upper
162	100		
164	65.2	44.6	84.6
98	34.6	14.8	54.8

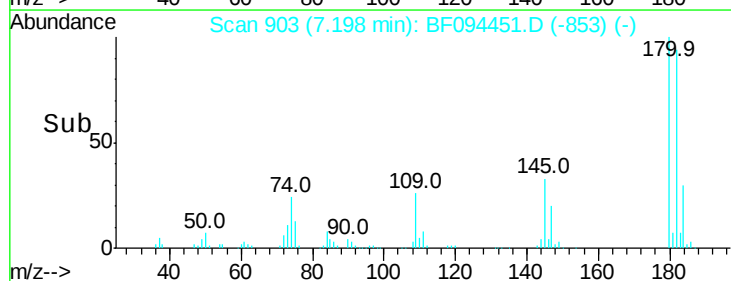
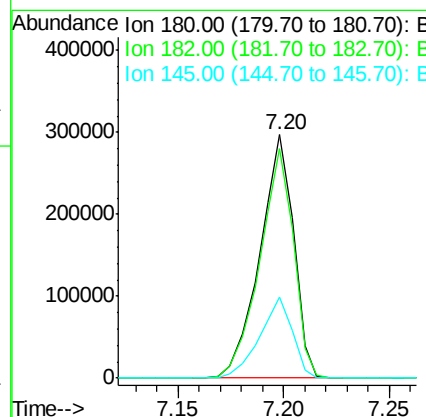
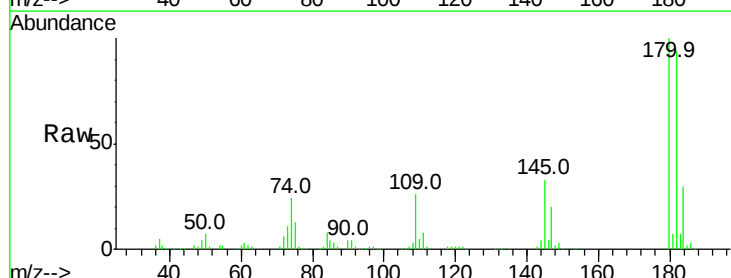
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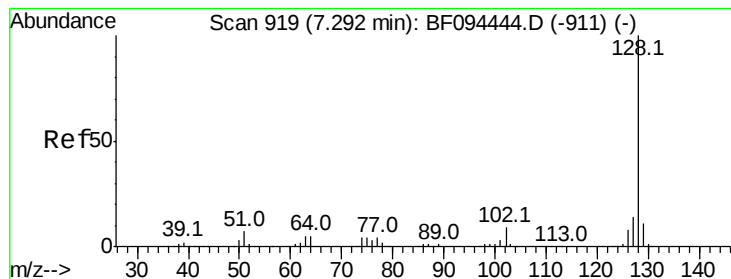
mohammad
 4/18/2017 3:08:00 PM



#30
 1,2,4-Trichlorobenzene
 Concen: 37.67 ng
 RT: 7.20 min Scan# 903
 Delta R.T. -0.01 min
 Lab File: BF094451.D
 Acq: 17 Apr 2017 16:06

Tgt Ion	Ratio	Resp Lower	Upper
180	100		
182	94.4	75.8	113.6
145	33.3	25.3	37.9





#31

Naphthalene

Concen: 37.30 ng

RT: 7.29 min Scan# 918

Delta R.T. -0.01 min

Lab File: BF094451.D

Acq: 17 Apr 2017 16:06

Instrument :

BNA_F

ClientSampled :

PB98268BS

Tot Ion:128 Resp: 1098493

Ion Ratio Lower Upper

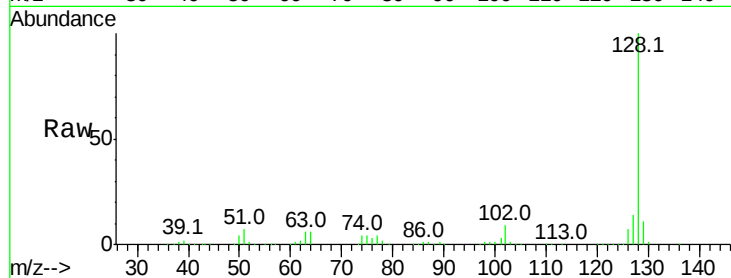
128 100

129 11.2 9.0 13.6

127 13.5 10.8 16.2

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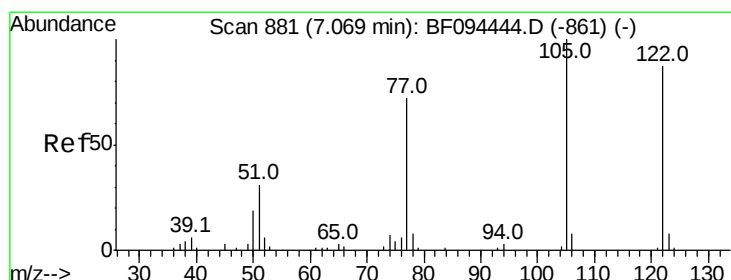
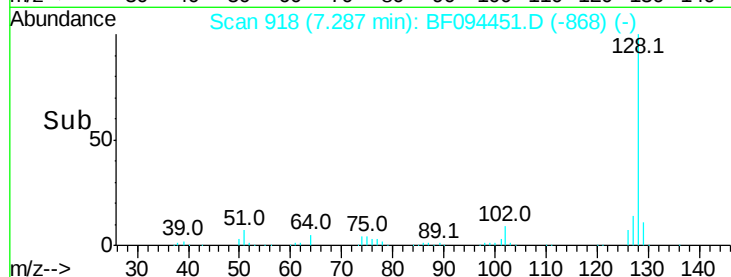
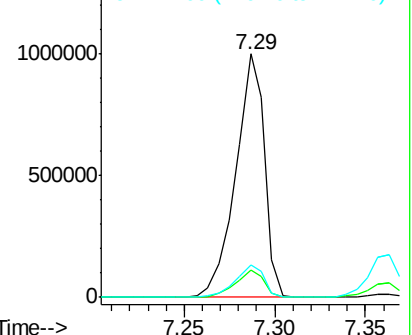
mohammad
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Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 13.24 ng

RT: 7.04 min Scan# 876

Delta R.T. -0.03 min

Lab File: BF094451.D

Acq: 17 Apr 2017 16:06

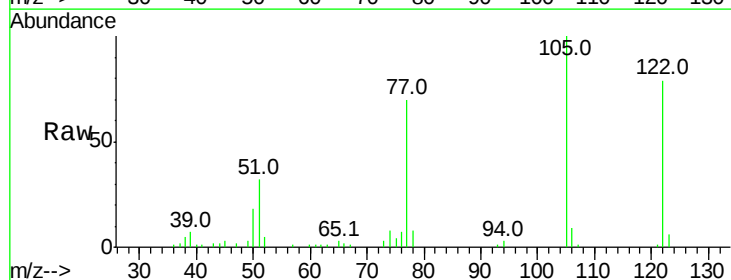
Tgt Ion:122 Resp: 63830

Ion Ratio Lower Upper

122 100

105 126.4 103.3 143.3

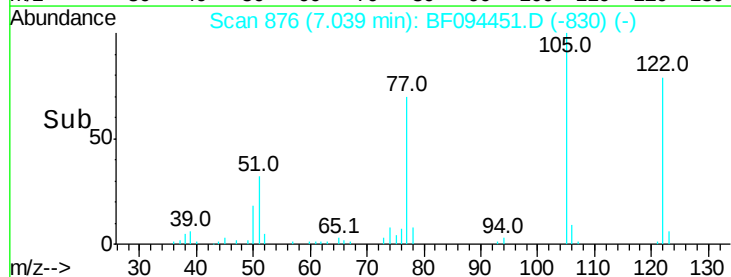
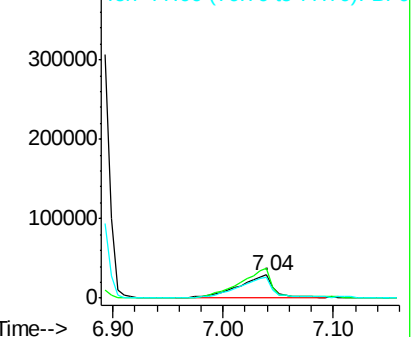
77 88.0 73.7 113.7

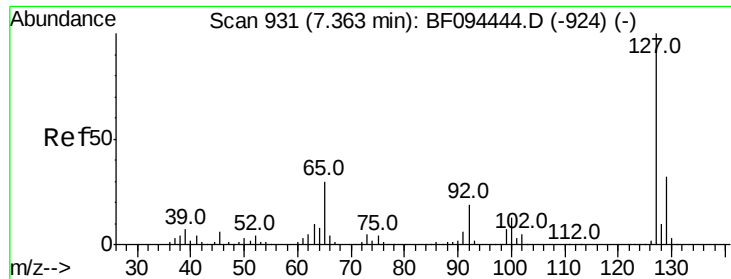


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0





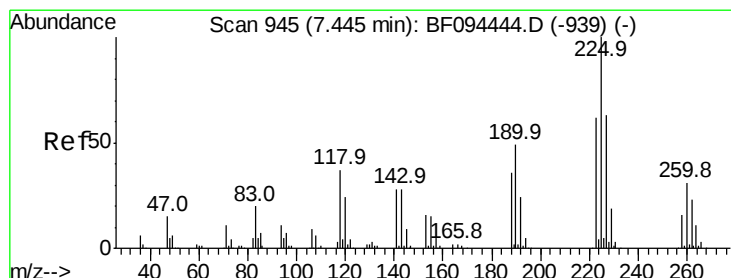
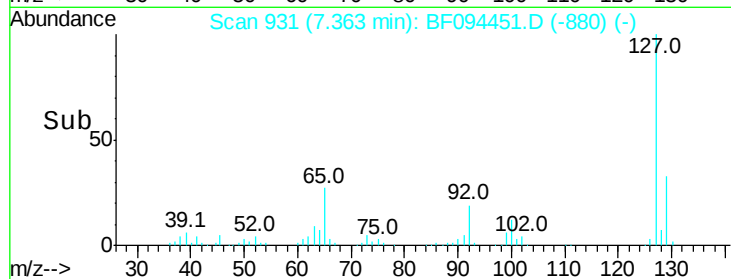
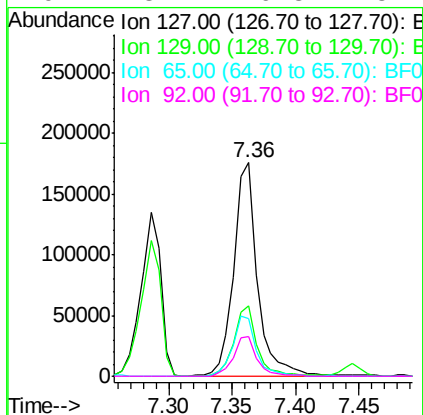
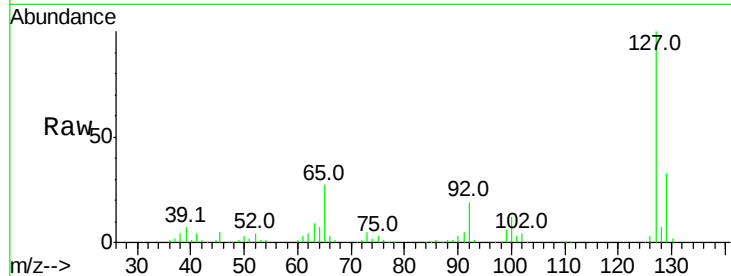
#33
 4-Chloroaniline
 Concen: 18.42 ng
 RT: 7.36 min Scan# 931
 Delta R.T. 0.00 min
 Lab File: BF094451.D
 Acq: 17 Apr 2017 16:06

Instrument :
 BNA_F
 ClientSampleId :
 PB98268BS

Tot Ion	Ratio	Resp	Lower	Upper
127	100	225705		
129	32.7		26.2	39.2
65	27.0		27.8	41.8#
92	18.7		16.8	25.2

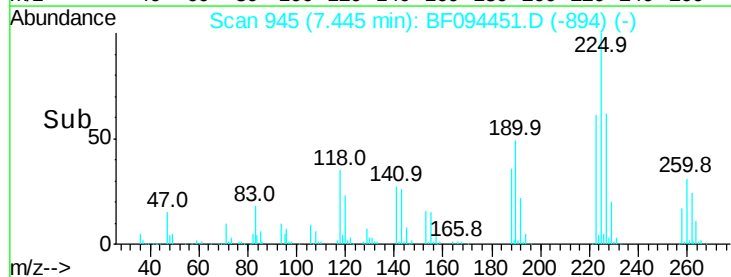
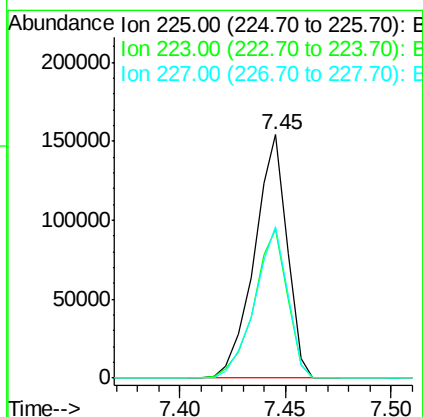
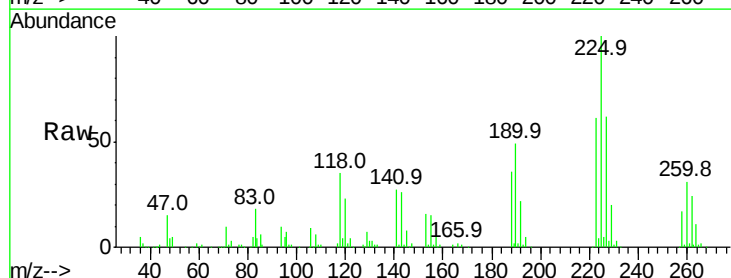
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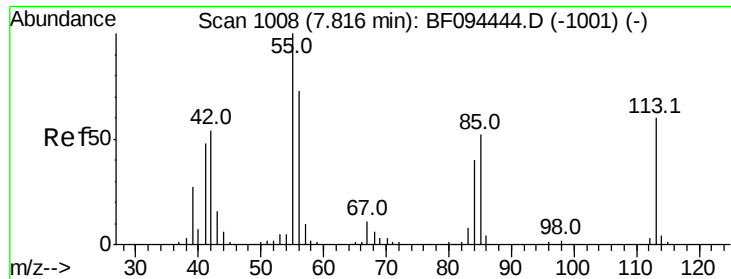
mohammad
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#34
 Hexachlorobutadiene
 Concen: 37.83 ng
 RT: 7.45 min Scan# 945
 Delta R.T. 0.00 min
 Lab File: BF094451.D
 Acq: 17 Apr 2017 16:06

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	165368		
223	61.1		48.8	73.2
227	62.0		51.1	76.7





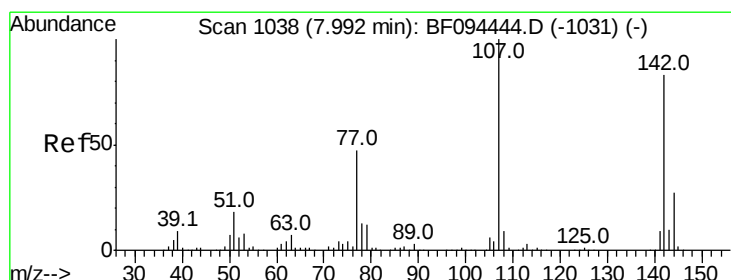
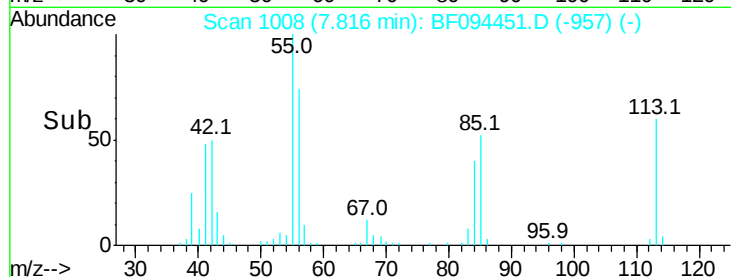
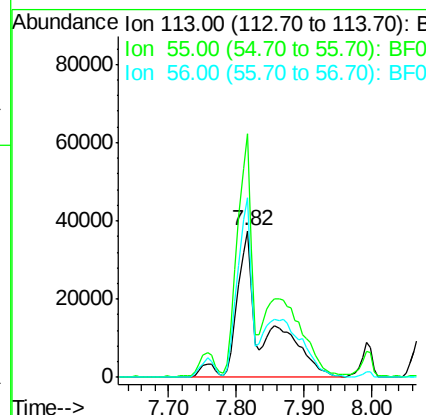
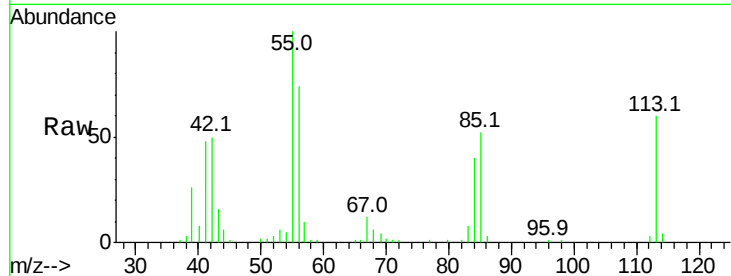
#35
 Caprolactam
 Concen: 40.41 ng/ml
 RT: 7.82 min Scan# 1008
 Delta R.T. 0.00 min
 Lab File: BF094451.D
 Acq: 17 Apr 2017 16:06

Instrument :
 BNA_F
 ClientSampleID :
 PB98268BS

Tot Ion	Ratio	Lower	Upper
113	100		
55	165.8	150.2	190.2
56	122.5	107.8	147.8

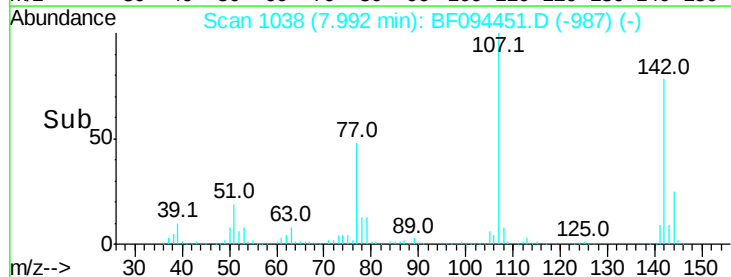
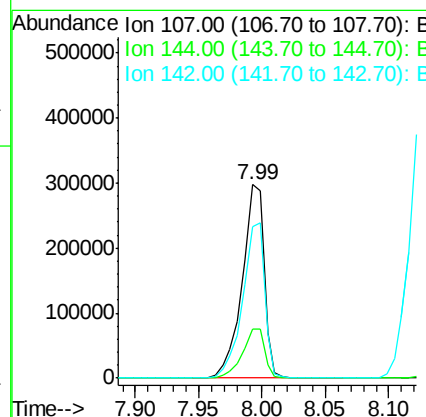
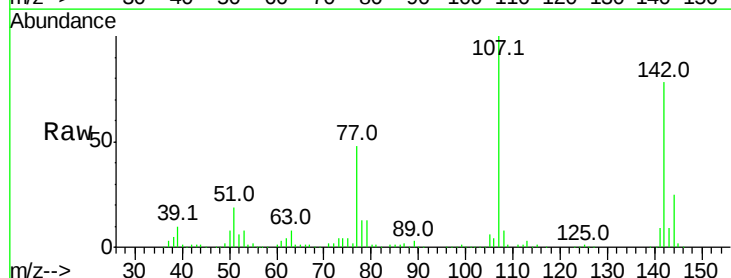
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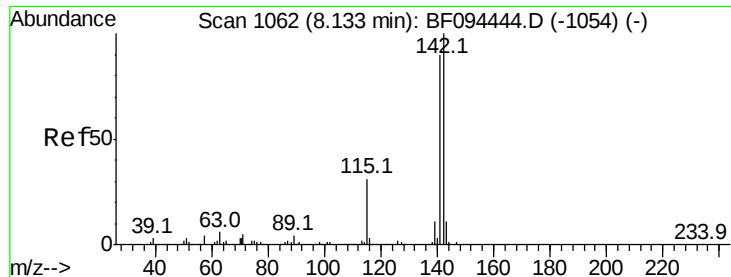
mohammad
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#36
 4-Chloro-3-methylphenol
 Concen: 40.19 ng/ml
 RT: 7.99 min Scan# 1038
 Delta R.T. 0.00 min
 Lab File: BF094451.D
 Acq: 17 Apr 2017 16:06

Tgt Ion	Ratio	Lower	Upper
107	100		
144	25.4	24.2	36.4
142	78.3	73.4	110.0





#37

2-Methylnaphthalene

Concen: 38.53 ng

RT: 8.13 min Scan# 1062

Delta R.T. 0.00 min

Lab File: BF094451.D

Acq: 17 Apr 2017 16:06

Instrument :

BNA_F

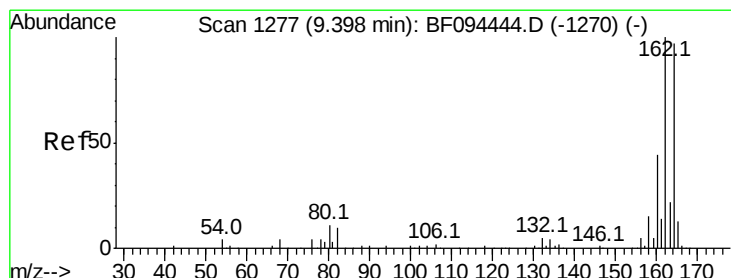
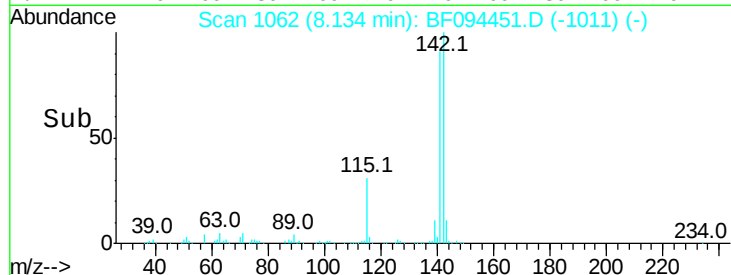
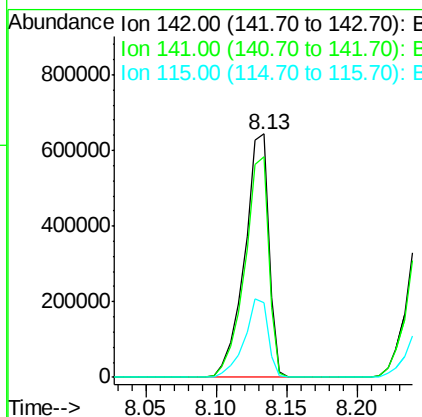
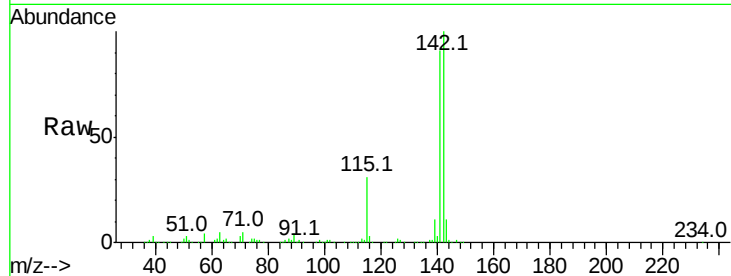
ClientSampleId :

PB98268BS

Tot Ion:	142	Resp:	776192
Ion Ratio	Lower	Upper	
142	100		
141	90.5	71.3	106.9
115	30.9	27.1	40.7

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#38

Acenaphthene-d10

Concen: 20.00 ng

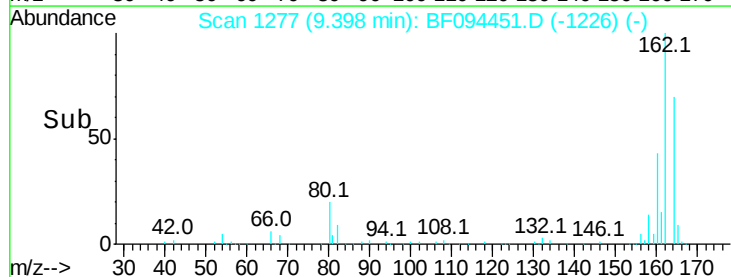
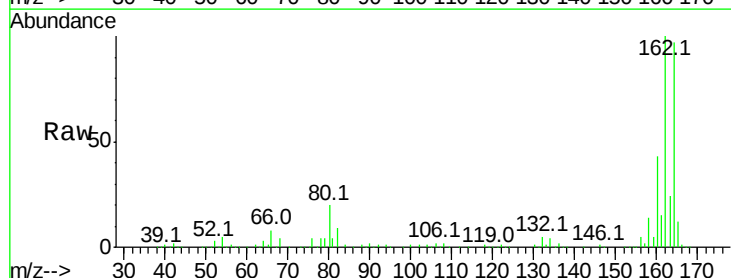
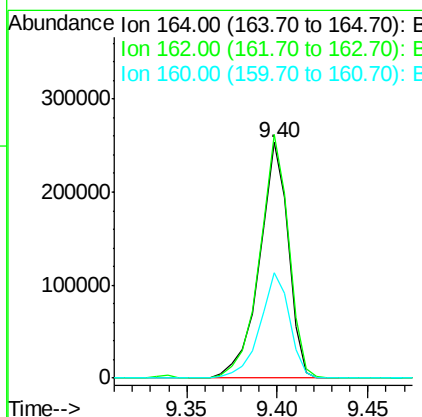
RT: 9.40 min Scan# 1277

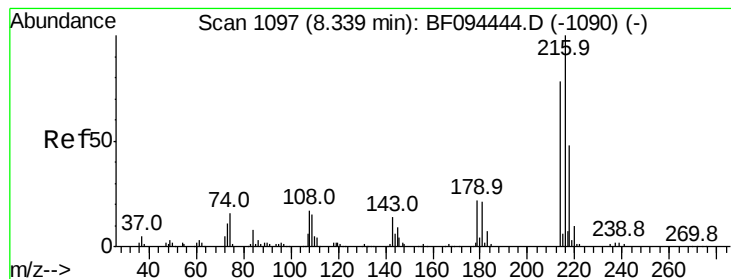
Delta R.T. 0.00 min

Lab File: BF094451.D

Acq: 17 Apr 2017 16:06

Tgt Ion:	164	Resp:	280045
Ion Ratio	Lower	Upper	
164	100		
162	103.4	82.6	123.8
160	44.9	36.2	54.2





#39

1,2,4,5-Tetrachlorobenzene

Concen: 36.54 ng

RT: 8.34 min Scan# 1097

Delta R.T. 0.00 min

Lab File: BF094451.D

Acq: 17 Apr 2017 16:06

Instrument :

BNA_F

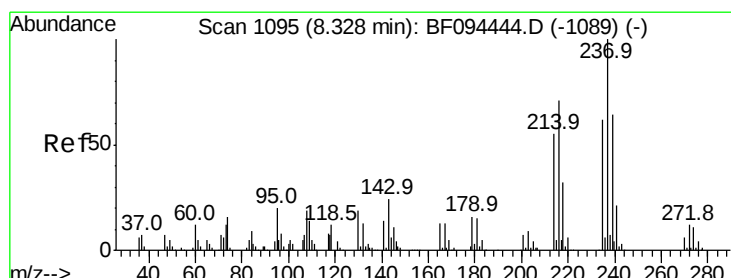
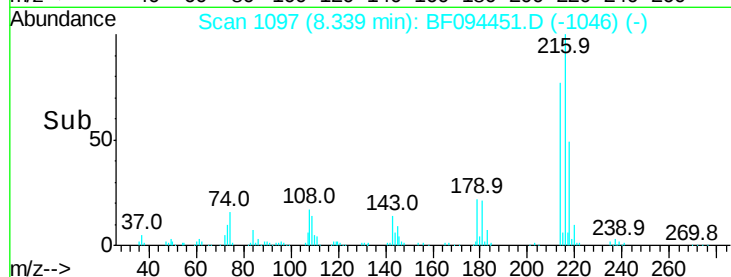
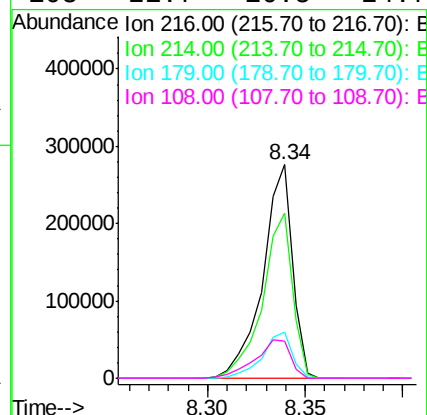
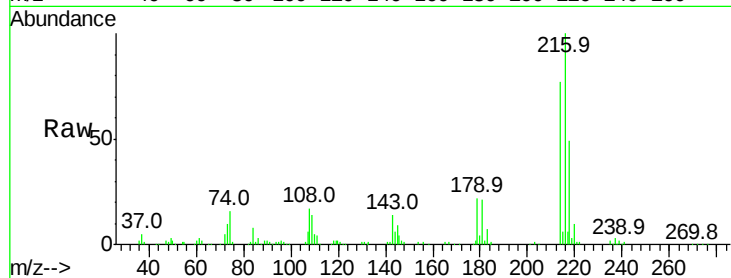
ClientSampleId :

PB98268BS

Tot Ion	Ratio	Resp	Lower	Upper
216	100	291414		
214	78.0	63.4	95.2	
179	21.8	17.9	26.9	
108	21.7	16.5	24.7	

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#40

Hexachlorocyclopentadiene

Concen: 83.29 ng

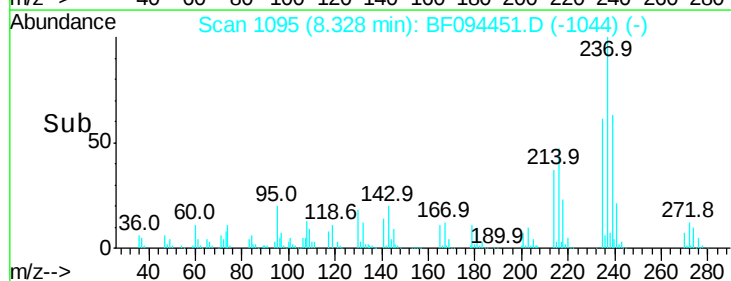
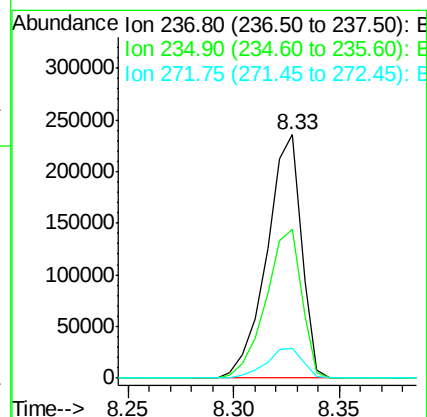
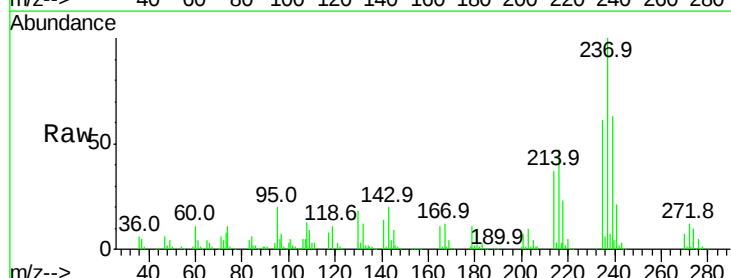
RT: 8.33 min Scan# 1095

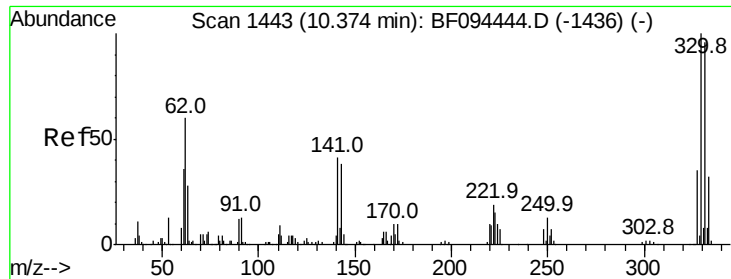
Delta R.T. 0.00 min

Lab File: BF094451.D

Acq: 17 Apr 2017 16:06

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	268679		
235	61.1	42.6	82.6	
272	12.4	0.0	31.9	





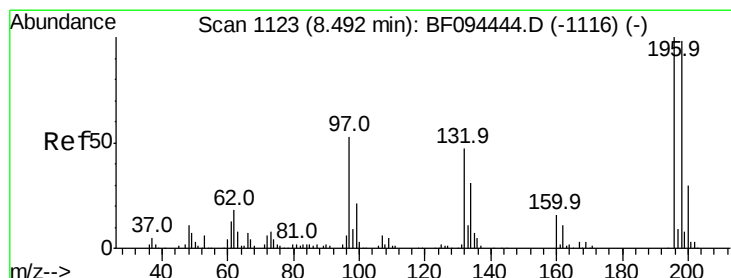
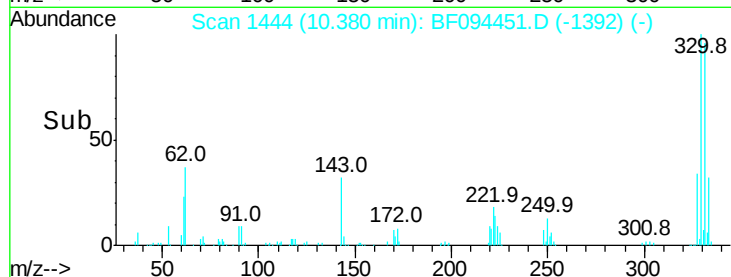
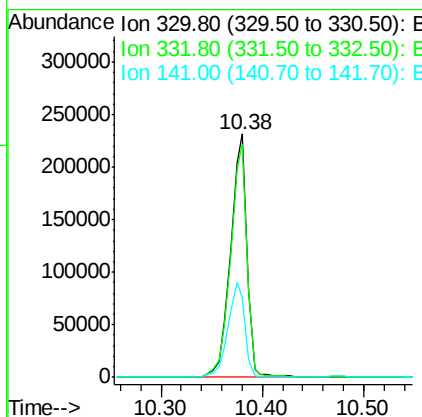
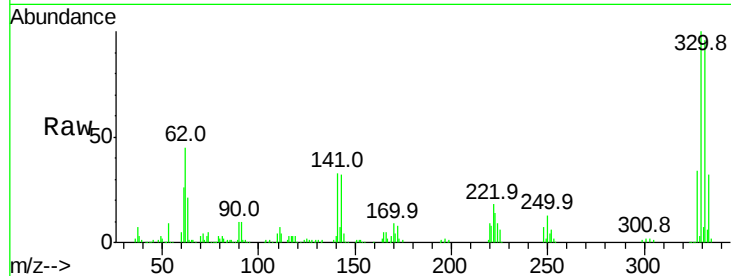
#41
 2,4,6-Tribromophenol
 Concen: 119.14 ng
 RT: 10.38 min Scan# 1444
 Delta R.T. 0.01 min
 Lab File: BF094451.D
 Acq: 17 Apr 2017 16:06

Instrument :
 BNA_F
 ClientSampleId :
 PB98268BS

Tot Ion	Ratio	Resp	Lower	Upper
330	100	260974		
332	96.5	76.6	115.0	
141	40.1	31.4	47.2	

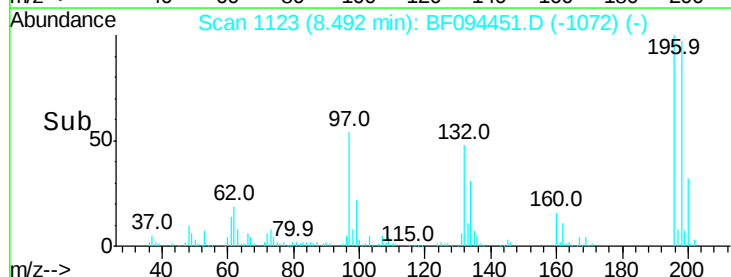
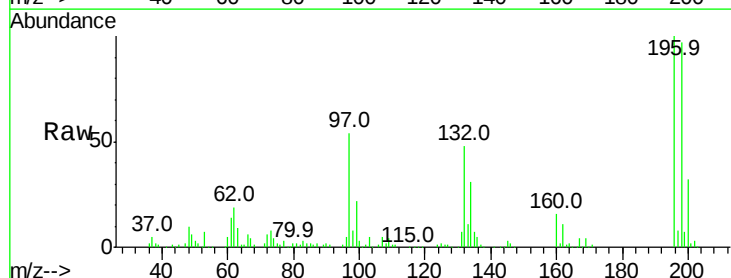
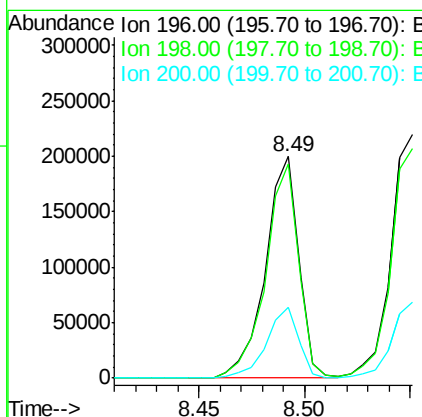
Manual Integrations
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#42
 2,4,6-Trichlorophenol
 Concen: 39.16 ng
 RT: 8.49 min Scan# 1123
 Delta R.T. 0.00 min
 Lab File: BF094451.D
 Acq: 17 Apr 2017 16:06

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	219315		
198	97.0	74.2	111.4	
200	31.9	24.0	36.0	





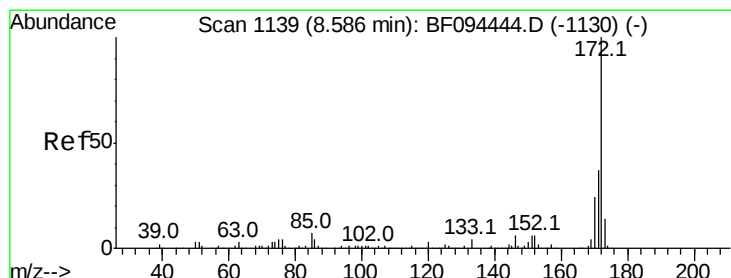
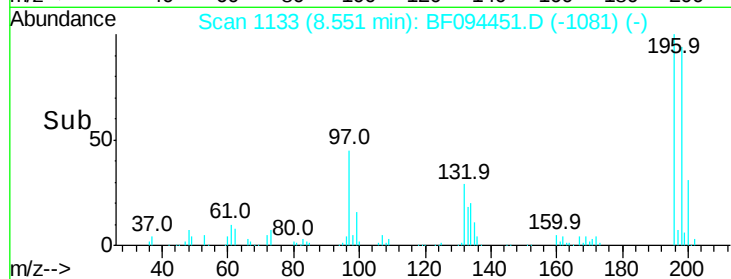
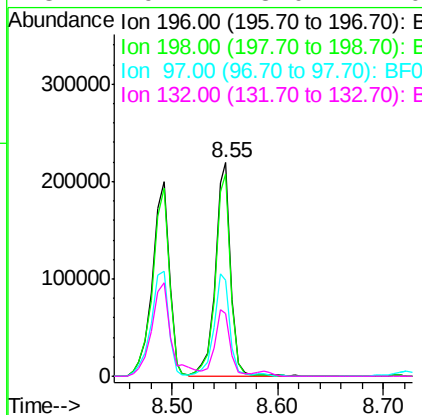
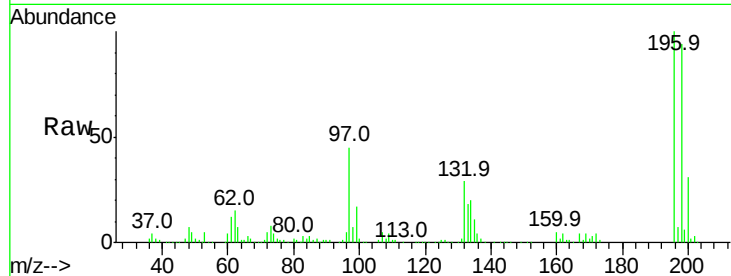
#43
 2,4,5-Trichlorophenol
 Concen: 39.41 ng
 RT: 8.55 min Scan# 1133
 Delta R.T. 0.01 min
 Lab File: BF094451.D
 Acq: 17 Apr 2017 16:06

Instrument :
 BNA_F
 ClientSampleId :
 PB98268BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	226623		
198	94.5	75.7	113.5	
97	44.9	47.7	71.5#	
132	29.4	28.0	42.0	

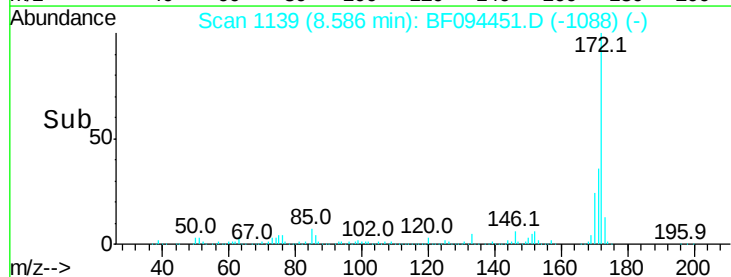
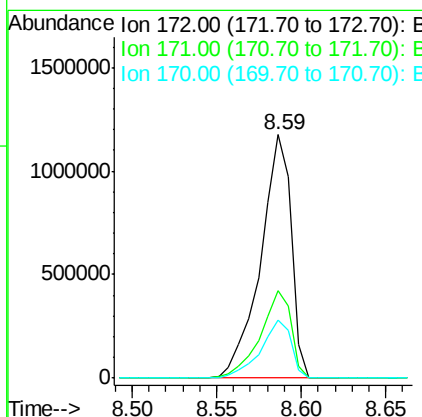
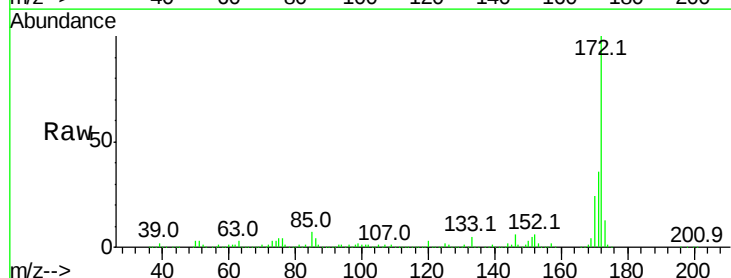
Manual Integrations
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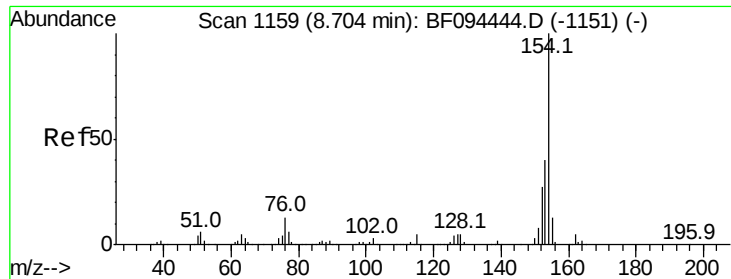
mohammad
 4/18/2017 3:08:00 PM



#44
 2-Fluorobiphenyl
 Concen: 77.29 ng
 RT: 8.59 min Scan# 1139
 Delta R.T. 0.00 min
 Lab File: BF094451.D
 Acq: 17 Apr 2017 16:06

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1471021		
171	36.0	29.6	44.4	
170	24.0	19.8	29.8	





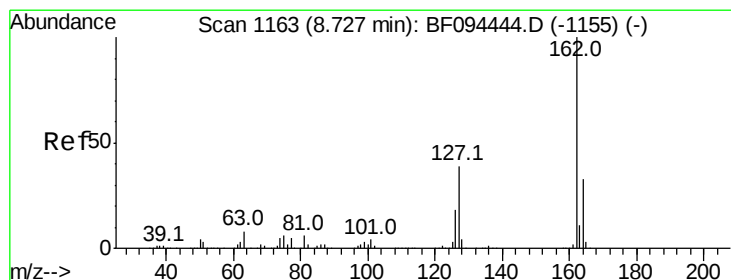
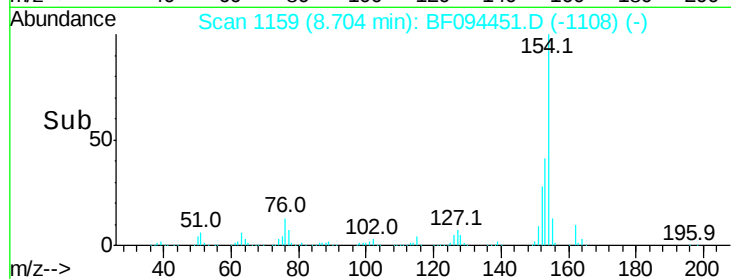
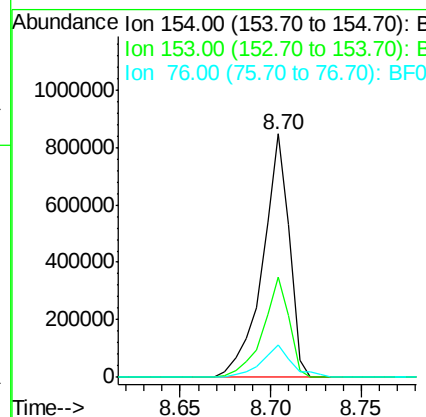
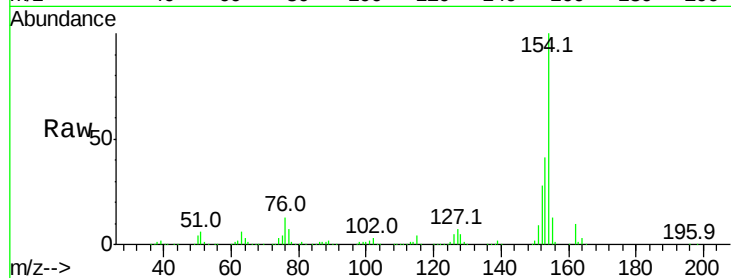
#45
 1,1'-Biphenyl
 Concen: 37.72 ng
 RT: 8.70 min Scan# 1159
 Delta R.T. 0.00 min
 Lab File: BF094451.D
 Acq: 17 Apr 2017 16:06

Instrument :
 BNA_F
 ClientSampled :
 PB98268BS

Tot Ion	Ratio	Lower	Upper
154	100		
153	41.0	21.2	61.2
76	13.1	0.0	29.9

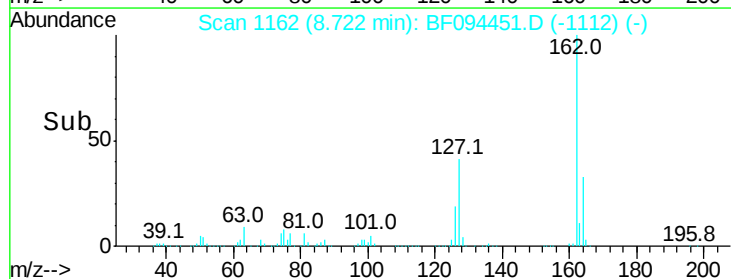
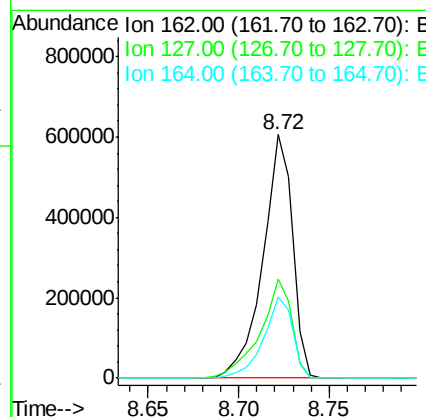
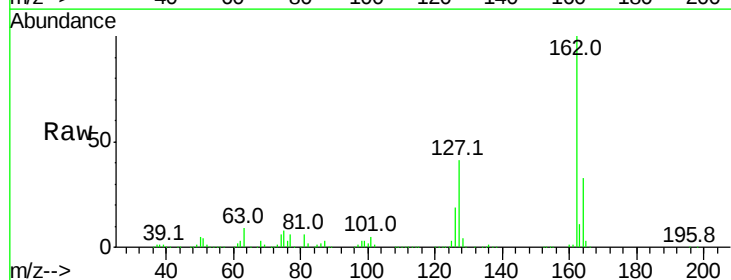
Manual Integrations
 APPROVED

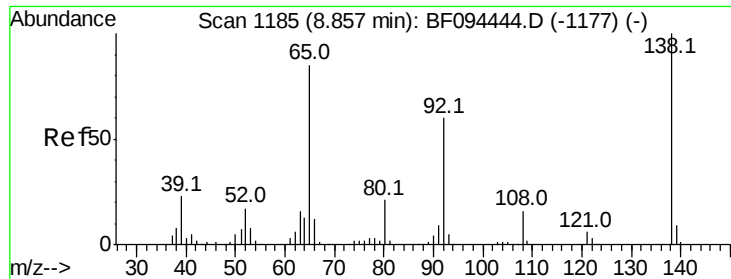
mohammad
 4/18/2017 3:08:00 PM



#46
 2-Chloronaphthalene
 Concen: 37.84 ng
 RT: 8.72 min Scan# 1162
 Delta R.T. -0.01 min
 Lab File: BF094451.D
 Acq: 17 Apr 2017 16:06

Tgt Ion	Ratio	Lower	Upper
162	100		
127	40.9	28.3	42.5
164	33.1	27.0	40.4





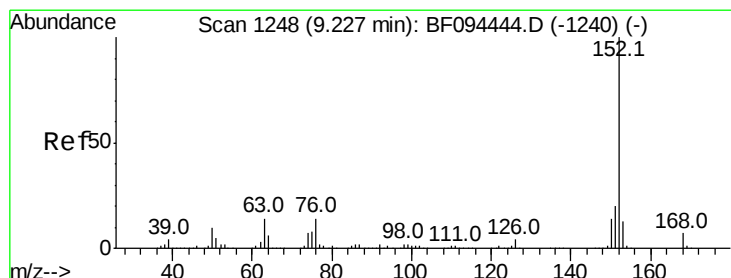
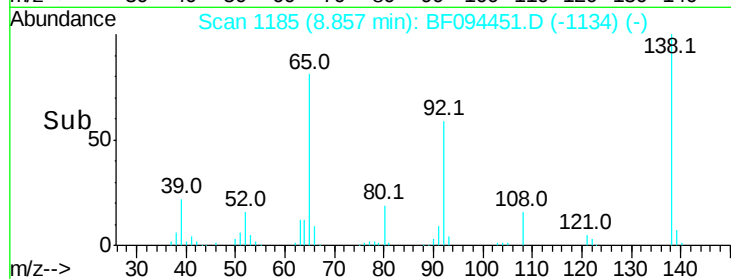
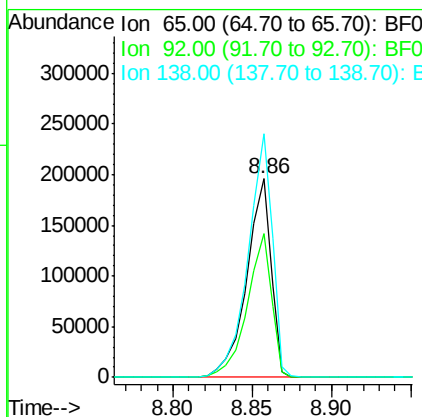
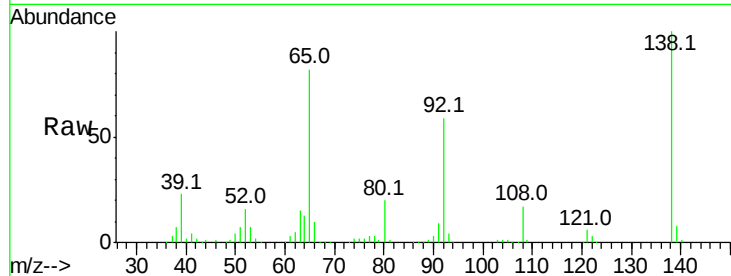
#47
2-Nitroaniline
Concen: 40.18 ng
RT: 8.86 min Scan# 1185
Delta R.T. 0.00 min
Lab File: BF094451.D
Acq: 17 Apr 2017 16:06

Instrument :
BNA_F
ClientSampleId :
PB98268BS

Tot Ion	Ratio	Lower	Upper
65	100		
92	72.2	53.9	80.9
138	122.5	78.8	118.2

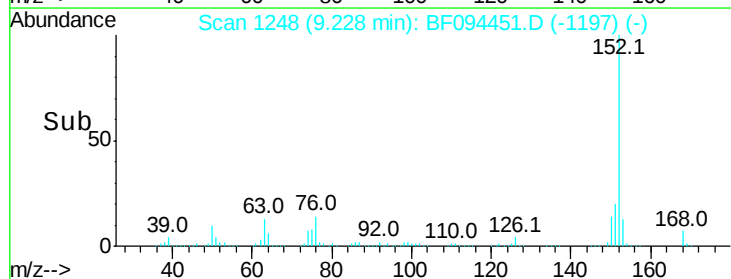
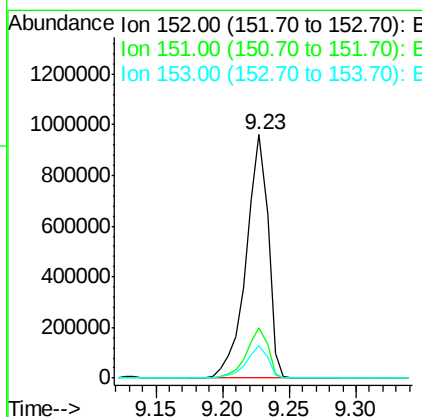
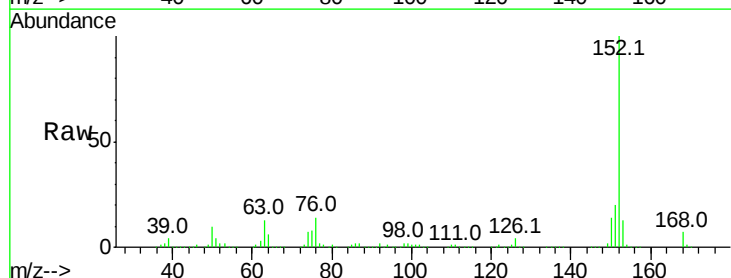
Manual Integrations
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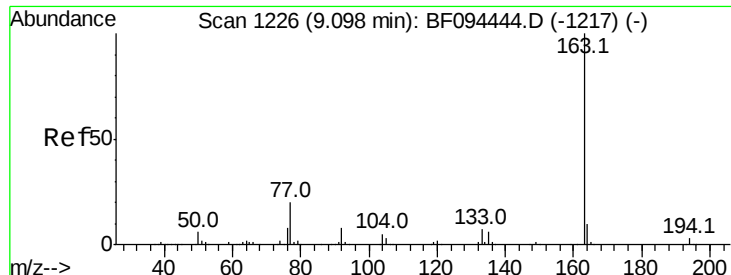
mohammad
4/18/2017 3:08:00 PM



#48
Acenaphthylene
Concen: 38.15 ng
RT: 9.23 min Scan# 1248
Delta R.T. 0.00 min
Lab File: BF094451.D
Acq: 17 Apr 2017 16:06

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.5	16.8	25.2
153	13.2	10.8	16.2





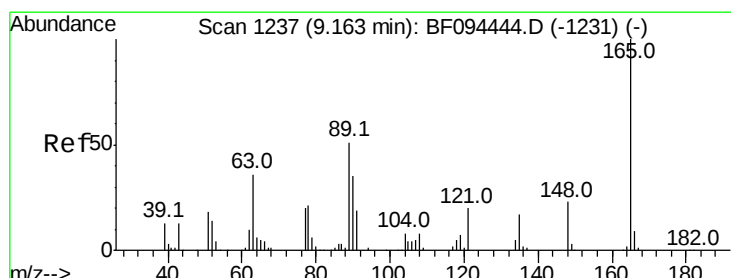
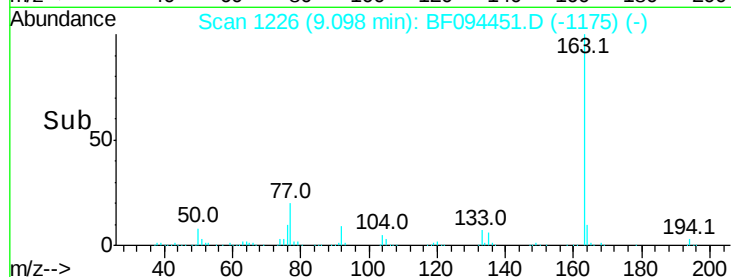
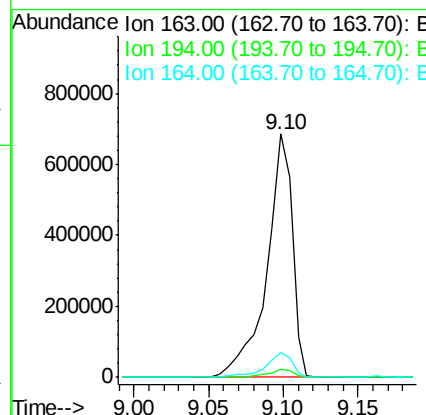
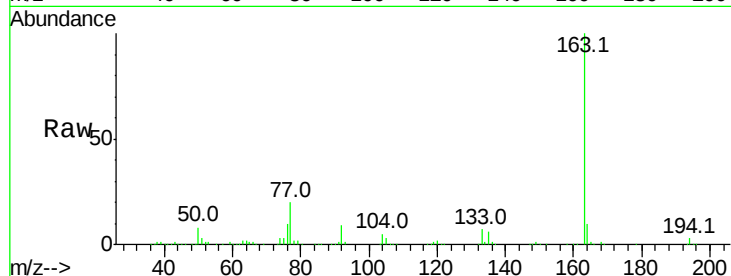
#49
Dimethylphthalate
Concen: 38.84 ng
RT: 9.10 min Scan# 1226
Delta R.T. 0.00 min
Lab File: BF094451.D
Acq: 17 Apr 2017 16:06

Instrument :
BNA_F
ClientSampleId :
PB98268BS

Tot Ion	Ratio	Resp	Lower	Upper
163	100			
194	3.4	2.6	4.0	
164	10.0	8.4	12.6	

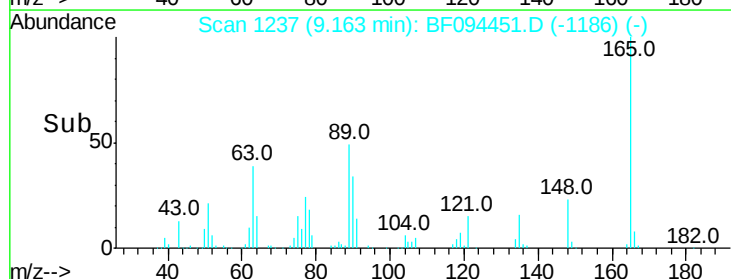
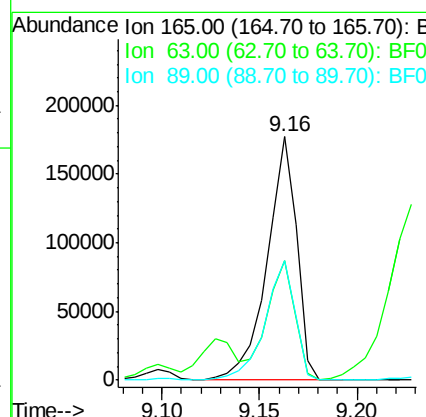
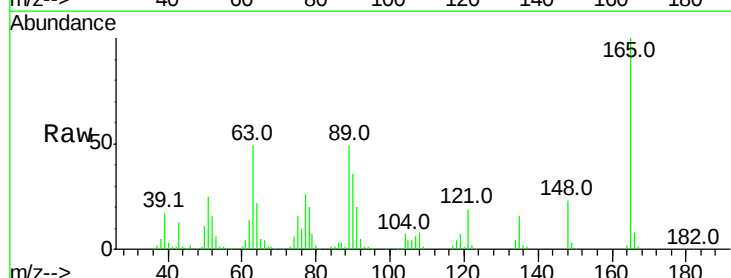
Manual Integrations
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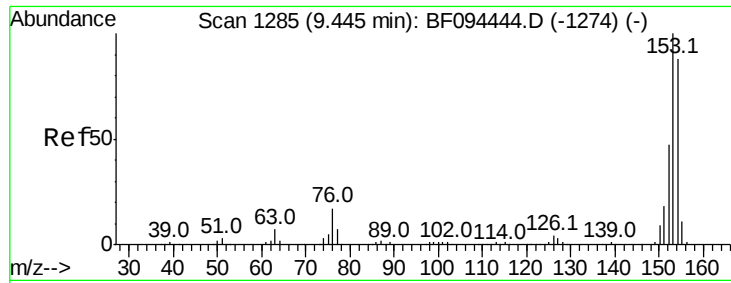
mohammad
4/18/2017 3:08:00 PM



#50
2,6-Dinitrotoluene
Concen: 39.73 ng
RT: 9.16 min Scan# 1237
Delta R.T. 0.00 min
Lab File: BF094451.D
Acq: 17 Apr 2017 16:06

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	49.0	34.3	51.5	
89	49.1	37.1	55.7	





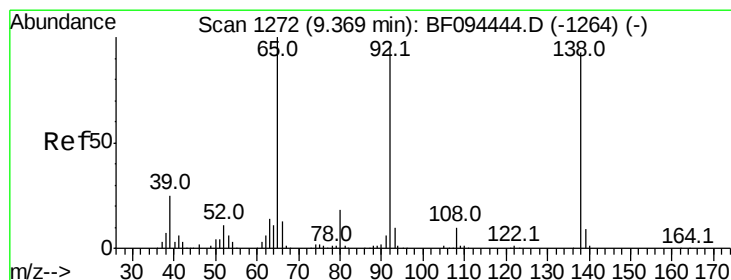
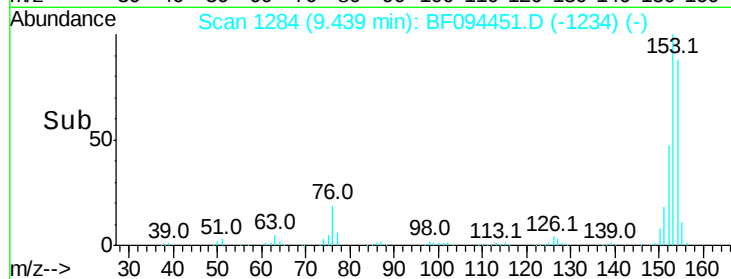
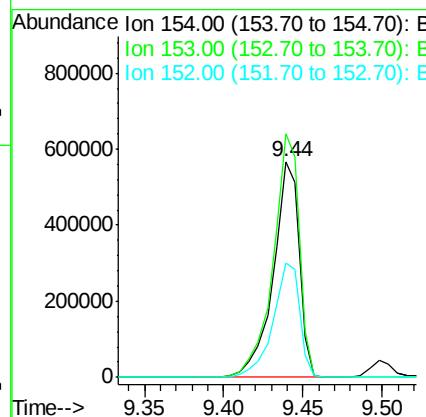
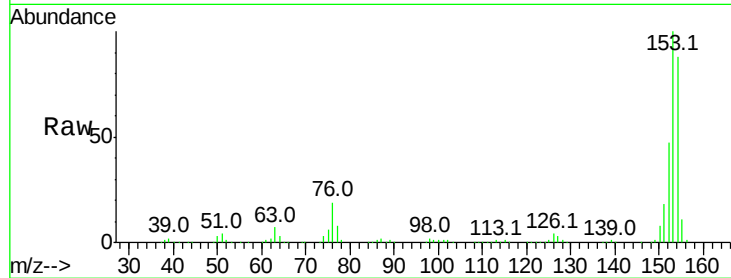
#51
Acenaphthene
Concen: 38.27 ng
RT: 9.44 min Scan# 1284
Delta R.T. -0.01 min
Lab File: BF094451.D
Acq: 17 Apr 2017 16:06

Instrument :
BNA_F
ClientSampleId :
PB98268BS

Tot Ion	Ratio	Lower	Upper
154	100		
153	113.0	90.5	135.7
152	53.3	43.6	65.4

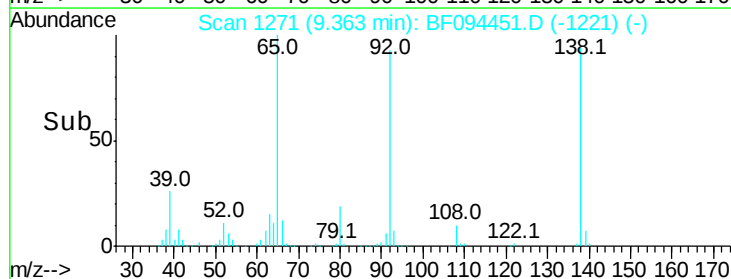
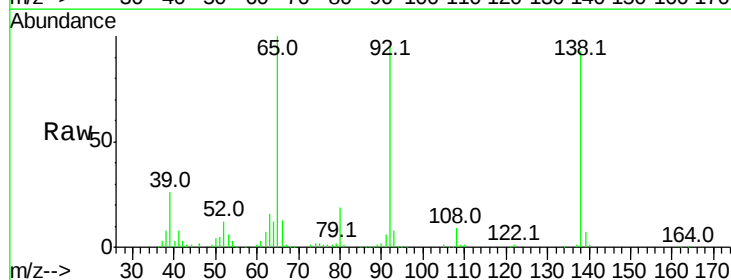
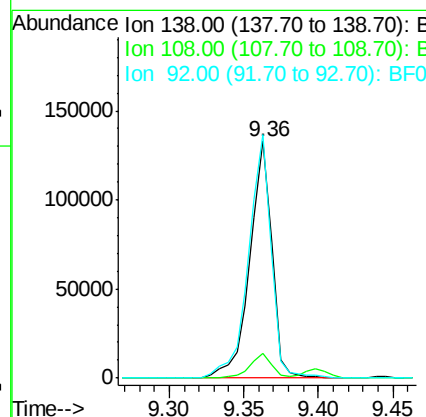
Manual Integrations
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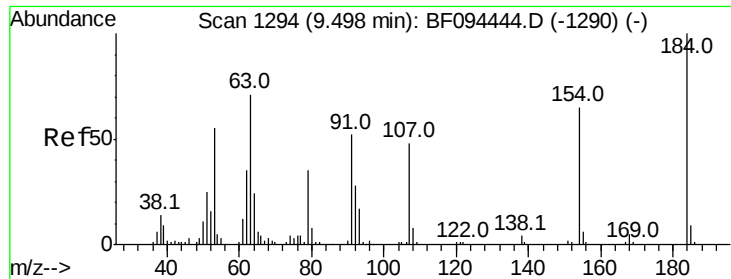
mohammad
4/18/2017 3:08:00 PM



#52
3-Nitroaniline
Concen: 25.20 ng
RT: 9.36 min Scan# 1271
Delta R.T. -0.01 min
Lab File: BF094451.D
Acq: 17 Apr 2017 16:06

Tgt Ion	Ratio	Lower	Upper
138	100		
108	10.2	9.1	13.7
92	102.8	93.8	140.6





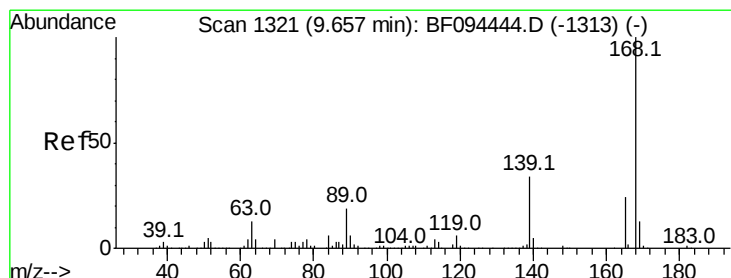
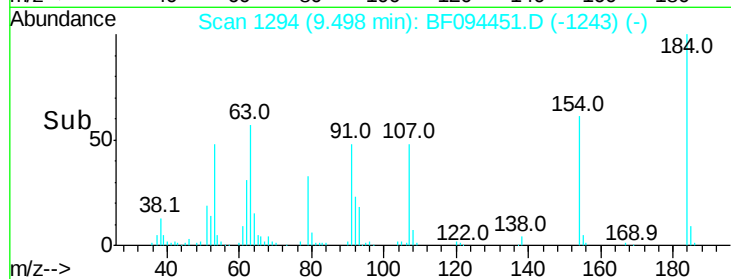
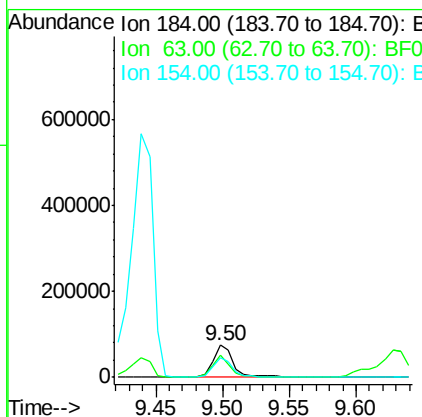
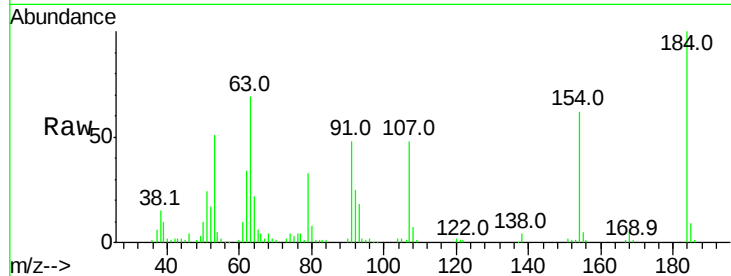
#53
 2,4-Dinitrophenol
 Concen: 36.02 ng
 RT: 9.50 min Scan# 1294
 Delta R.T. 0.00 min
 Lab File: BF094451.D
 Acq: 17 Apr 2017 16:06

Instrument :
 BNA_F
 ClientSampleId :
 PB98268BS

Tot Ion	Ratio	Lower	Upper
184	100		
63	69.3	62.7	94.1
154	62.0	81.1	121.7

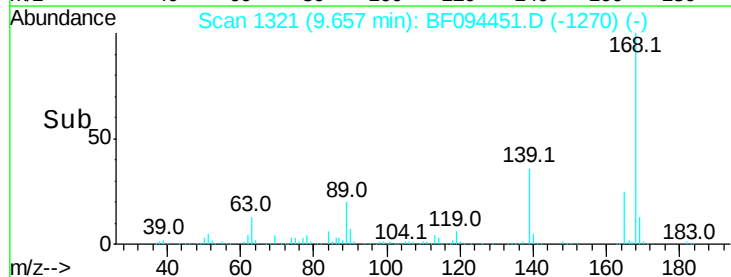
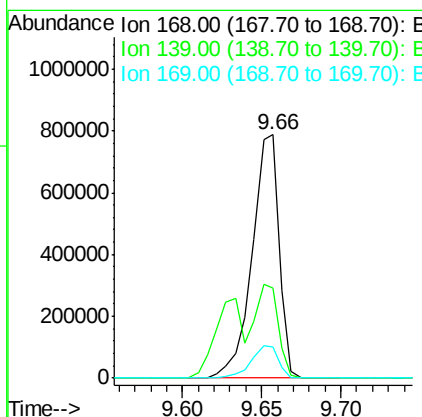
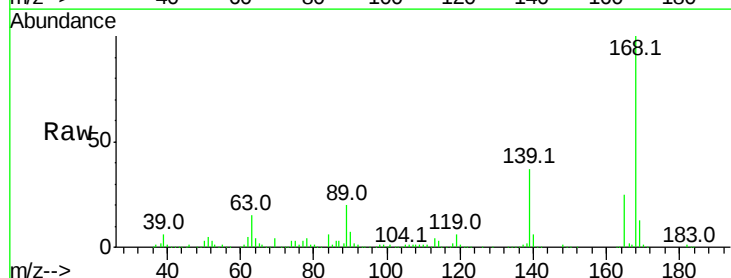
Manual Integrations
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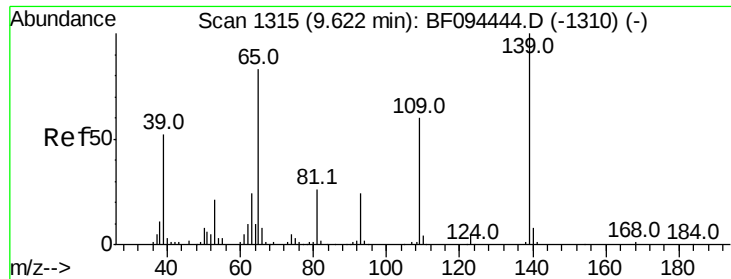
mohammad
 4/18/2017 3:08:00 PM



#54
 Dibenzofuran
 Concen: 37.81 ng
 RT: 9.66 min Scan# 1321
 Delta R.T. 0.00 min
 Lab File: BF094451.D
 Acq: 17 Apr 2017 16:06

Tgt Ion	Ratio	Lower	Upper
168	100		
139	36.8	30.6	45.8
169	13.0	10.8	16.2





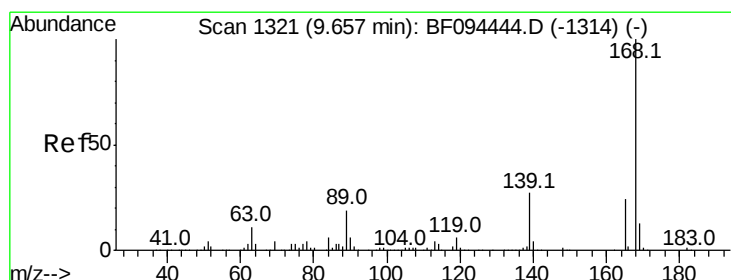
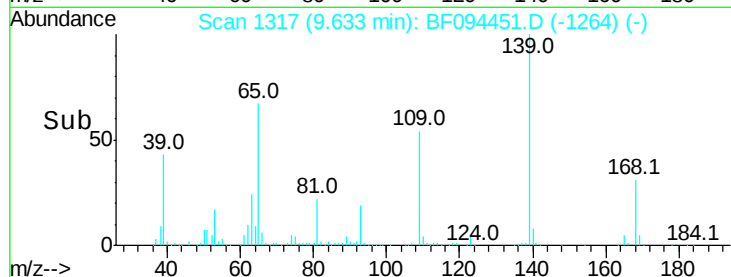
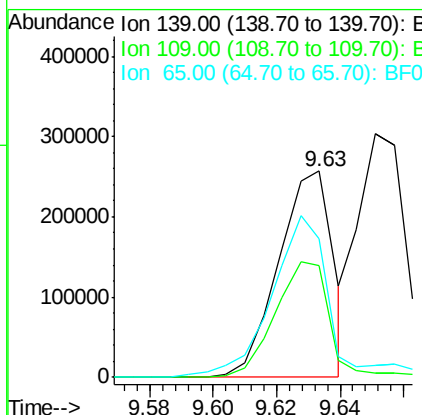
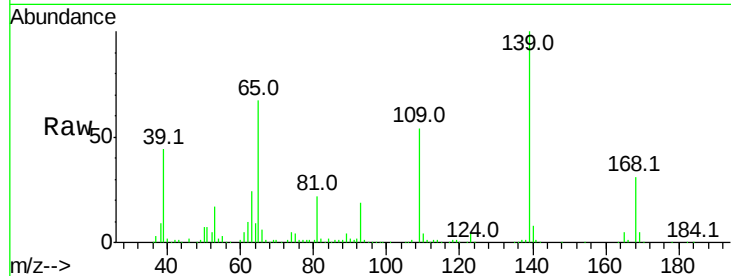
#55
4-Nitrophenol
Concen: 80.55 ng
RT: 9.63 min Scan# 1317
Delta R.T. 0.01 min
Lab File: BF094451.D
Acq: 17 Apr 2017 16:06

Instrument :
BNA_F
ClientSampleId :
PB98268BS

Tot Ion	Ratio	Resp	Lower	Upper
139	100			
109	54.4	34.1	74.1	
65	67.0	31.4	71.4	

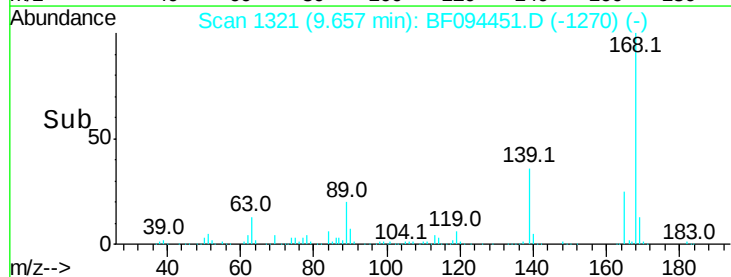
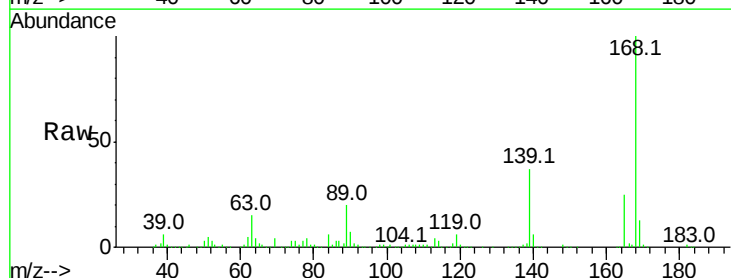
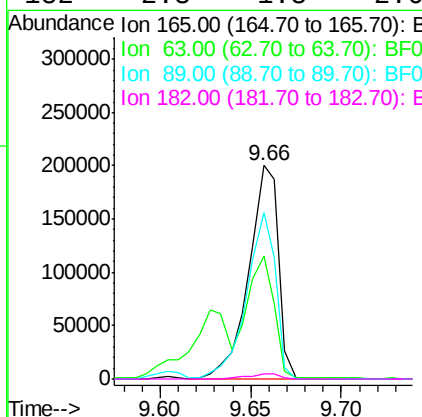
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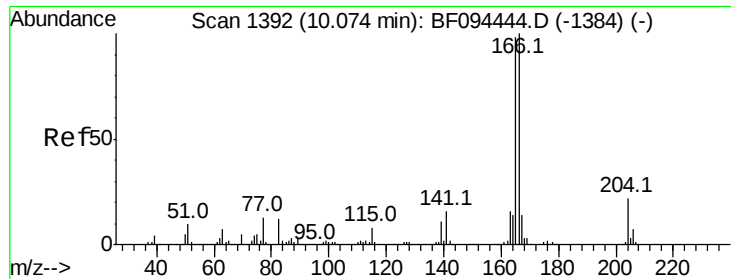
mohammad
4/18/2017 3:08:00 PM



#56
2,4-Dinitrotoluene
Concen: 39.68 ng
RT: 9.66 min Scan# 1321
Delta R.T. 0.00 min
Lab File: BF094451.D
Acq: 17 Apr 2017 16:06

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	57.7	25.4	38.0#	
89	78.2	46.4	69.6#	
182	2.3	1.8	2.6	





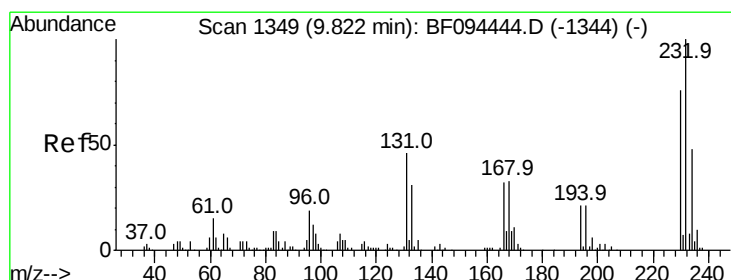
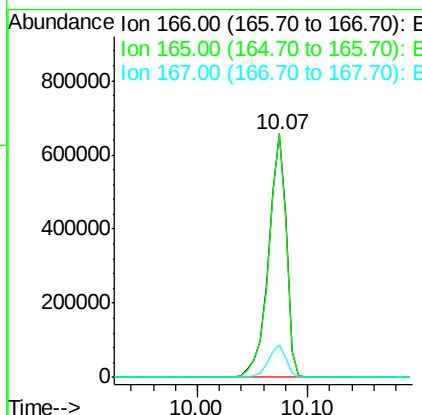
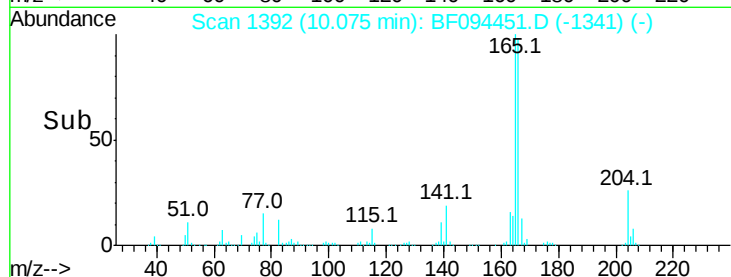
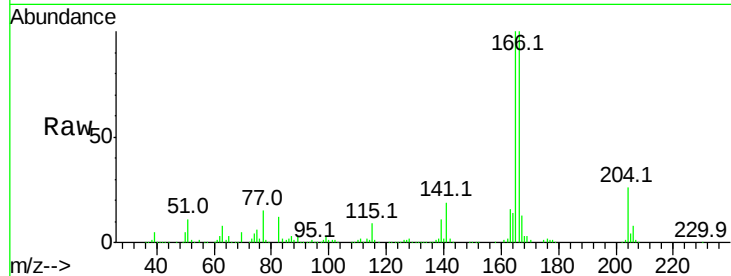
#57
Fluorene
 Concen: 38.37 ng
 RT: 10.07 min Scan# 1392
 Delta R.T. 0.00 min
 Lab File: BF094451.D
 Acq: 17 Apr 2017 16:06

Instrument :
 BNA_F
 ClientSampleId :
 PB98268BS

Tot Ion	Ratio	Lower	Upper
166	100		
165	100.1	78.8	118.2
167	13.4	10.6	16.0

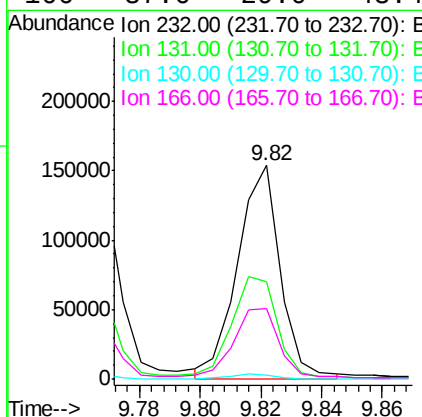
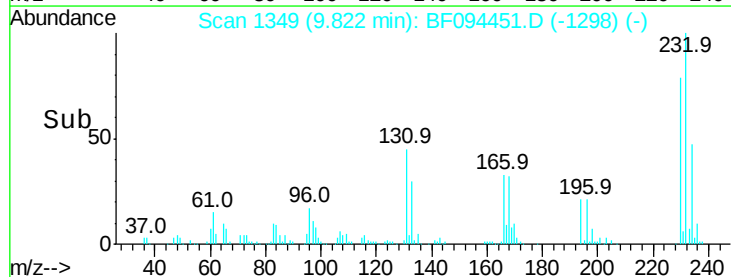
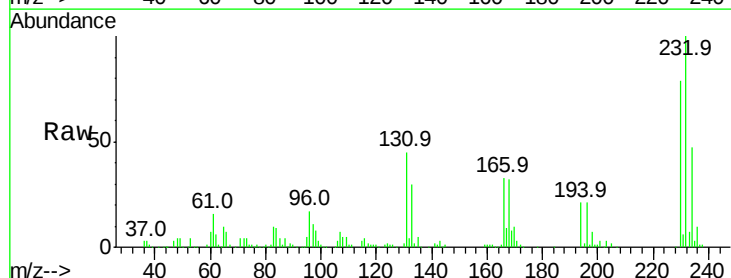
Manual Integrations
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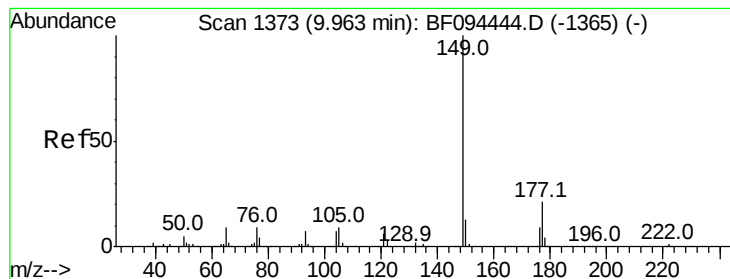
mohammad
 4/18/2017 3:08:00 PM



#58
2,3,4,6-Tetrachlorophenol
 Concen: 36.80 ng m
 RT: 9.82 min Scan# 1349
 Delta R.T. 0.00 min
 Lab File: BF094451.D
 Acq: 17 Apr 2017 16:06

Tgt Ion	Ratio	Lower	Upper
232	100		
131	52.6	44.8	67.2
130	2.5	2.3	3.5
166	37.6	29.0	43.4





#59

Diethylphthalate

Concen: 39.64 ng

RT: 9.97 min Scan# 1374

Delta R.T. 0.01 min

Lab File: BF094451.D

Acq: 17 Apr 2017 16:06

Instrument :

BNA_F

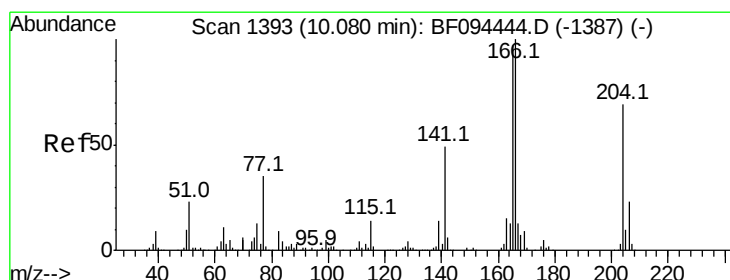
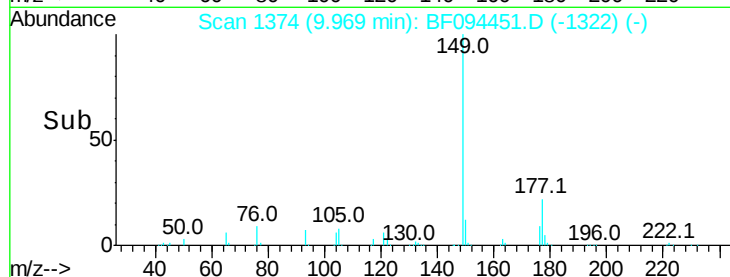
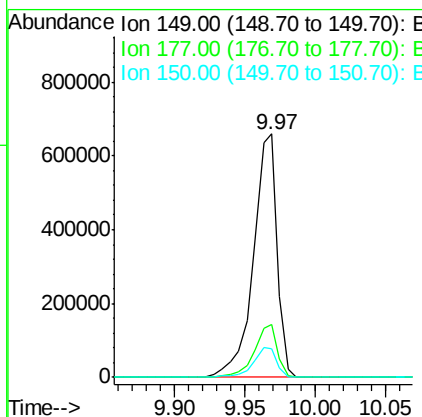
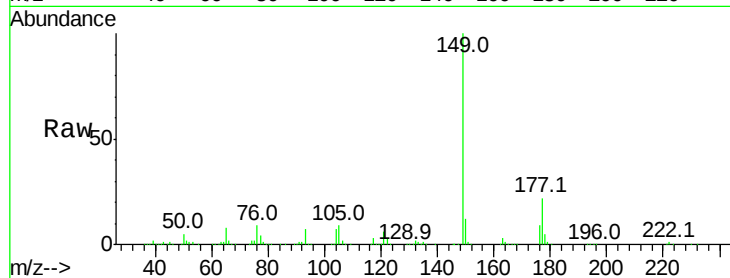
ClientSampleId :

PB98268BS

Tot Ion:	149	Resp:	780489
Ion Ratio	Lower	Upper	
149	100		
177	21.9	16.7	25.1
150	11.7	10.2	15.2

Manual Integrations
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4/18/2017 3:08:00 PM



#60

4-Chlorophenyl-phenylether

Concen: 39.69 ng

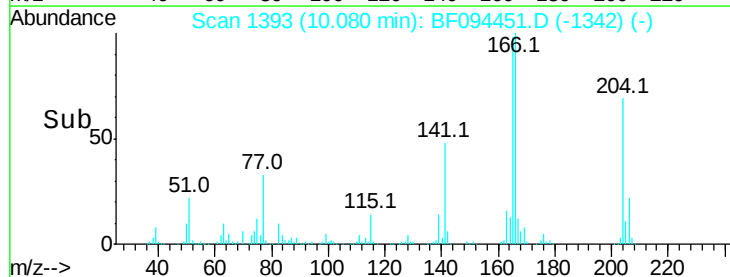
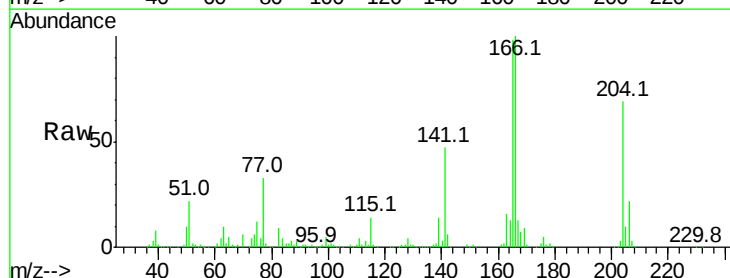
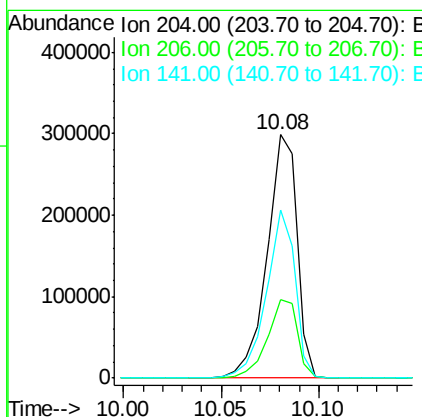
RT: 10.08 min Scan# 1393

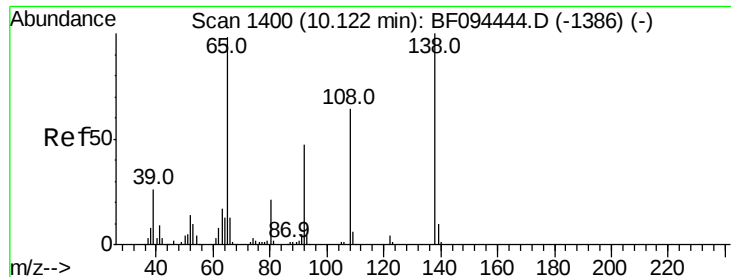
Delta R.T. 0.00 min

Lab File: BF094451.D

Acq: 17 Apr 2017 16:06

Tgt Ion:	204	Resp:	317550
Ion Ratio	Lower	Upper	
204	100		
206	32.3	26.2	39.2
141	68.8	60.8	91.2





#61

4-Nitroaniline

Concen: 36.05 ng

RT: 10.12 min Scan# 1400

Delta R.T. 0.00 min

Lab File: BF094451.D

Acq: 17 Apr 2017 16:06

Instrument :

BNA_F

ClientSampleId :

PB98268BS

Tot Ion:138 Resp: 198628

Ion Ratio Lower Upper

138 100

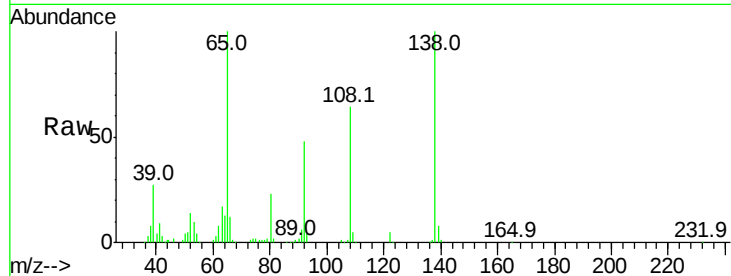
92 47.9 21.8 61.8

108 63.8 42.3 82.3

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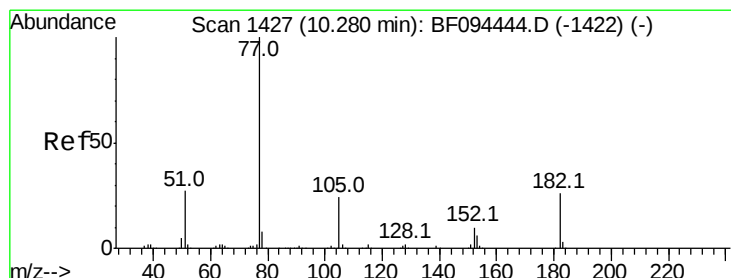
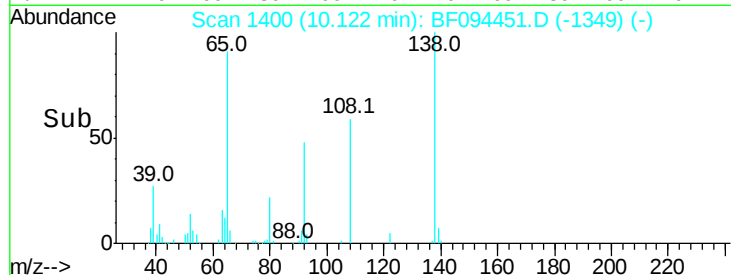
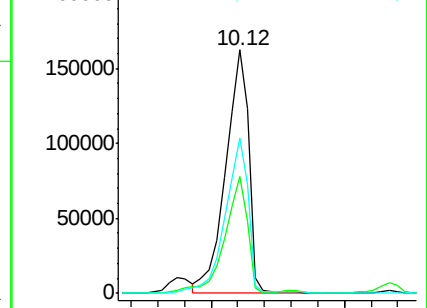
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Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 39.72 ng

RT: 10.28 min Scan# 1427

Delta R.T. 0.00 min

Lab File: BF094451.D

Acq: 17 Apr 2017 16:06

Tgt Ion: 77 Resp: 759399

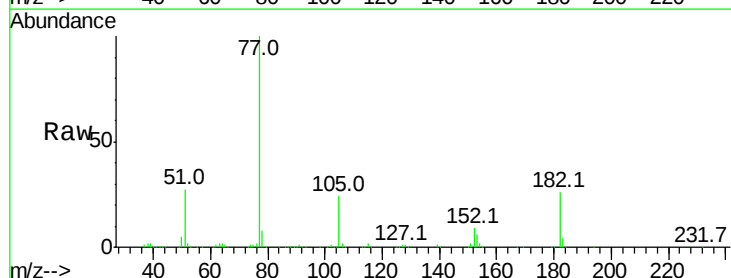
Ion Ratio Lower Upper

77 100

182 26.4 0.1 40.1

105 24.5 3.6 43.6

51 26.8 9.4 49.4

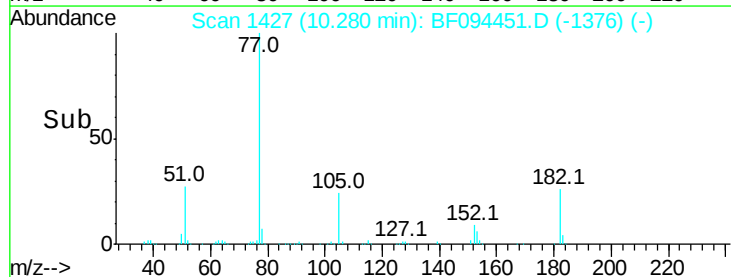
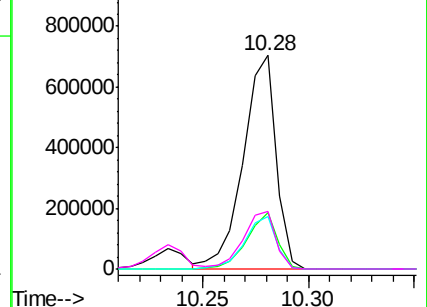


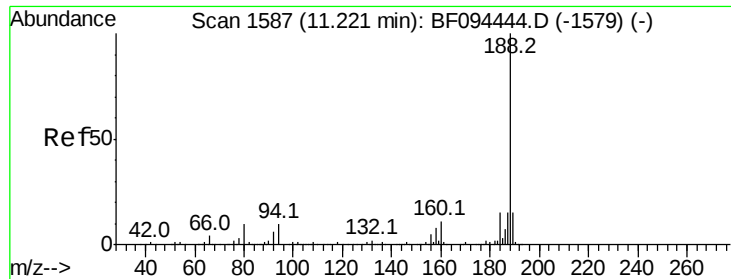
Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0





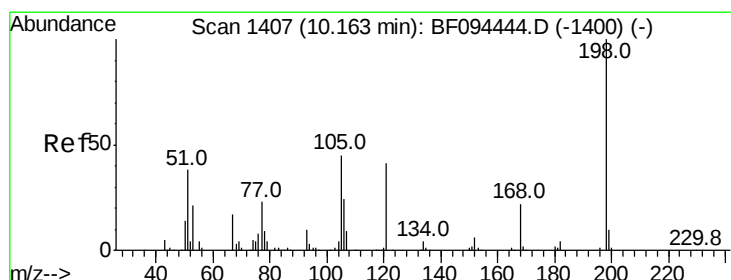
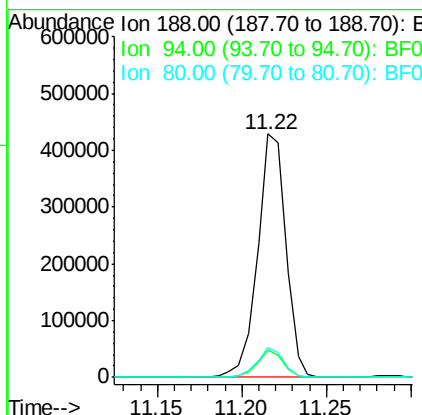
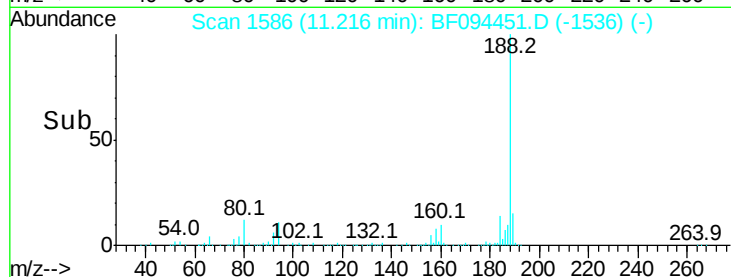
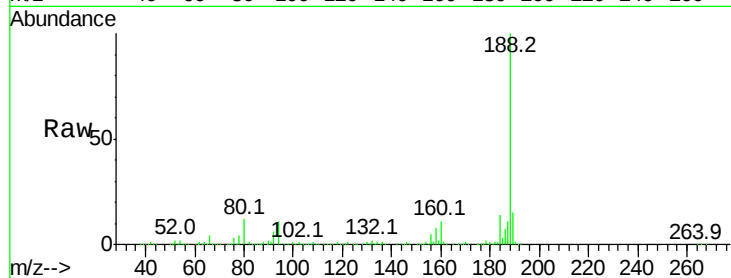
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.22 min Scan# 1586
Delta R.T. -0.01 min
Lab File: BF094451.D
Acq: 17 Apr 2017 16:06

Instrument :
BNA_F
ClientSampleId :
PB98268BS

Tot Ion	Ratio	Resp	Lower	Upper
188	100	499967		
94	11.1		9.4	14.2
80	12.1		10.2	15.2

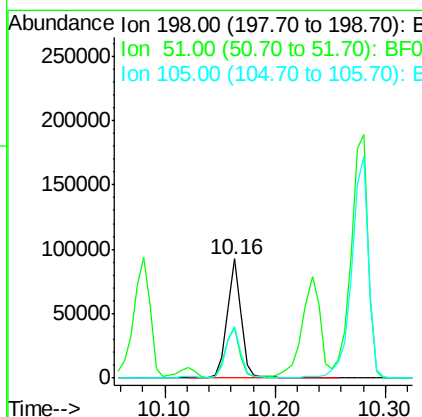
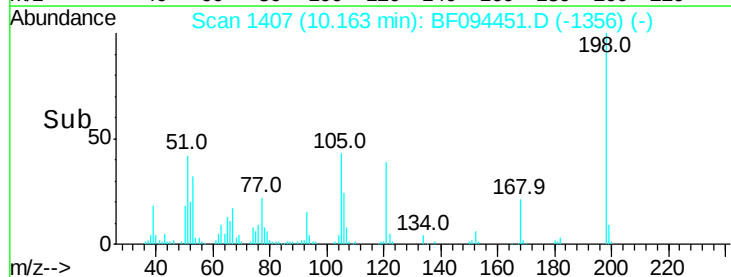
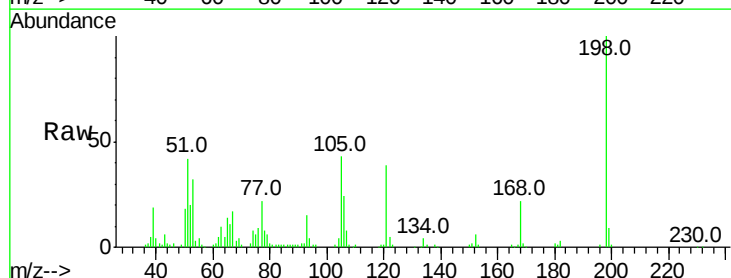
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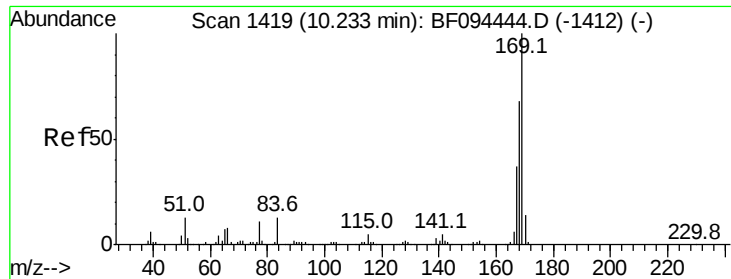
mohammad
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#64
4,6-Dinitro-2-methylphenol
Concen: 25.41 ng
RT: 10.16 min Scan# 1407
Delta R.T. 0.00 min
Lab File: BF094451.D
Acq: 17 Apr 2017 16:06

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	83244		
51	42.4		53.2	93.2#
105	43.0		45.8	85.8#





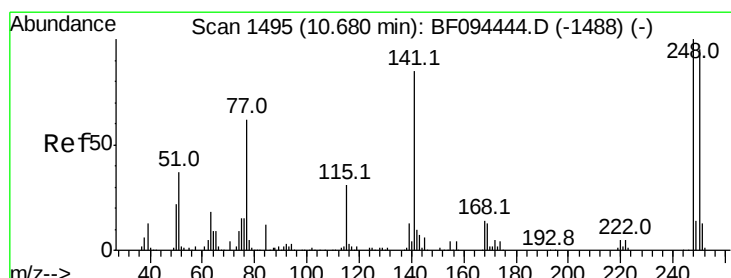
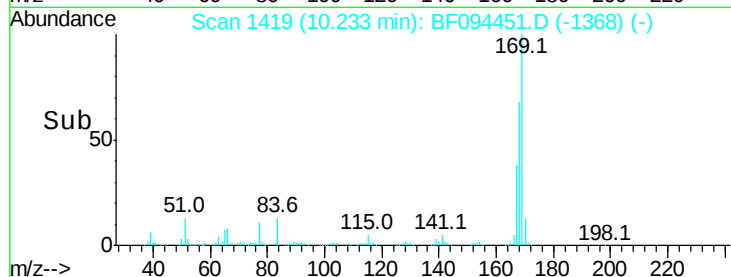
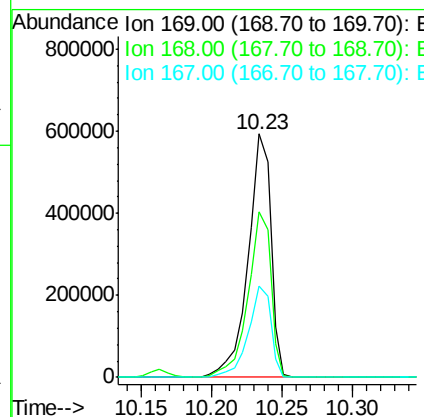
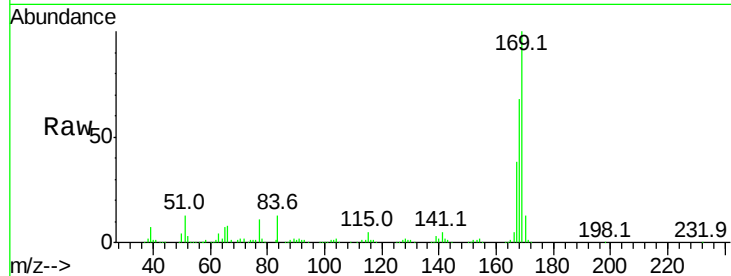
#65
 n-Nitrosodiphenylamine
 Concen: 38.76 ng
 RT: 10.23 min Scan# 1419
 Delta R.T. 0.00 min
 Lab File: BF094451.D
 Acq: 17 Apr 2017 16:06

Instrument :
 BNA_F
 ClientSampleId :
 PB98268BS

Tot Ion	Ratio	Resp	Lower	Upper
169	100	673925		
168	67.9		53.2	79.8
167	37.7		29.5	44.3

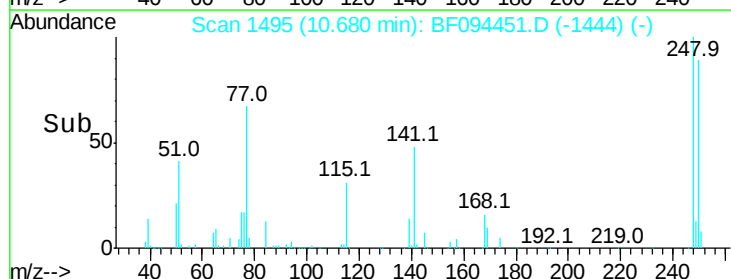
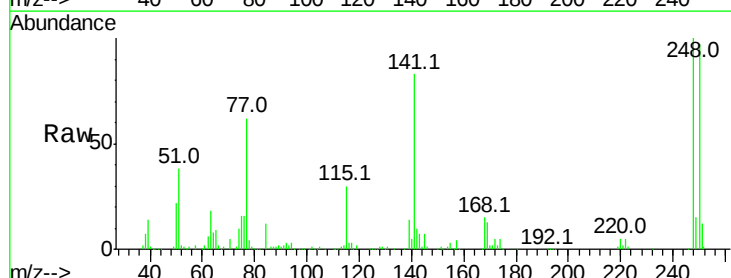
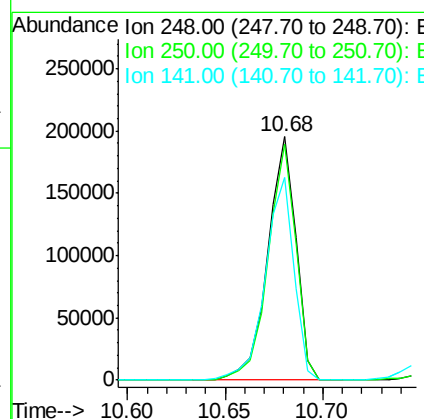
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#66
 4-Bromophenyl-phenylether
 Concen: 39.55 ng
 RT: 10.68 min Scan# 1495
 Delta R.T. 0.00 min
 Lab File: BF094451.D
 Acq: 17 Apr 2017 16:06

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	196353		
250	96.9		76.8	115.2
141	83.4		68.6	103.0





#67

Hexachlorobenzene

Concen: 38.81 ng

RT: 10.75 min Scan# 1507

Delta R.T. 0.00 min

Lab File: BF094451.D

Acq: 17 Apr 2017 16:06

Instrument :

BNA_F

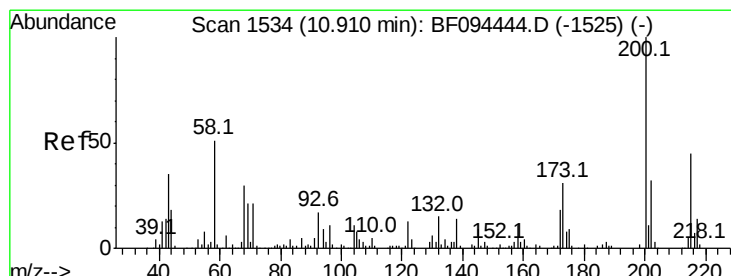
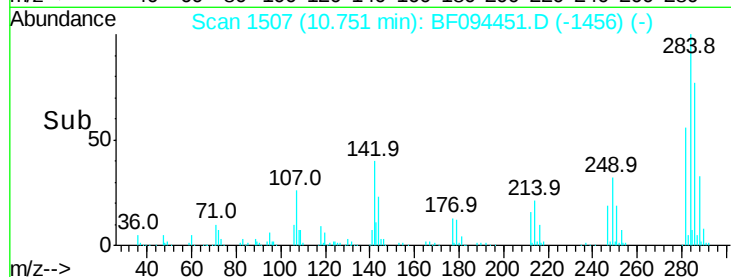
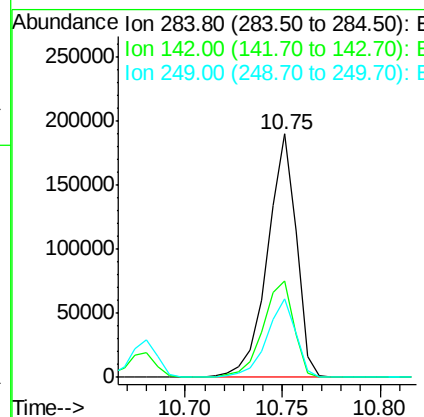
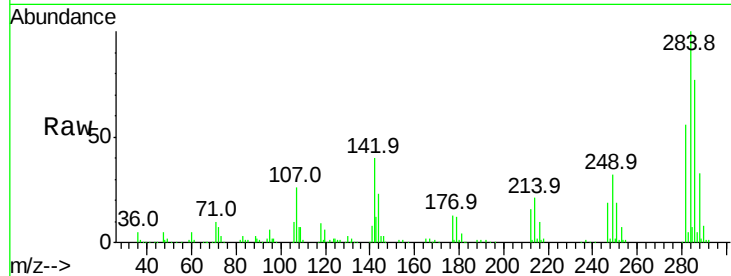
ClientSampled :

PB98268BS

Tot Ion	Ratio	Resp	Lower	Upper
284	100	194163		
142	39.8	22.8	34.2	#
249	32.2	24.0	36.0	

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#68

Atrazine

Concen: 38.11 ng

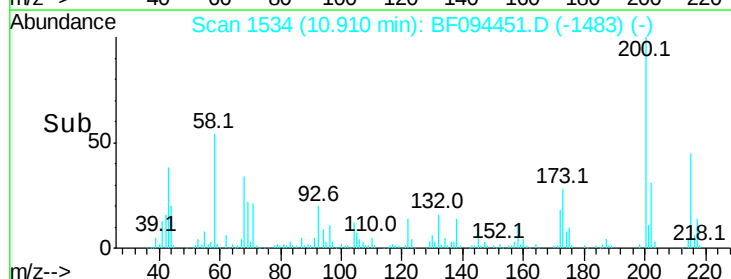
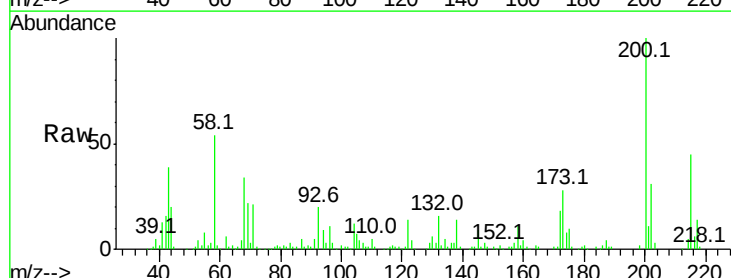
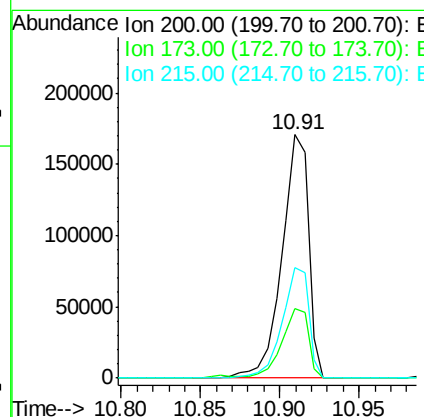
RT: 10.91 min Scan# 1534

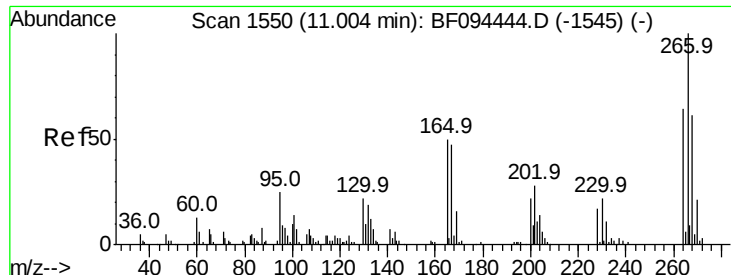
Delta R.T. 0.00 min

Lab File: BF094451.D

Acq: 17 Apr 2017 16:06

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	198253		
173	28.4	6.3	46.3	
215	45.4	27.2	67.2	





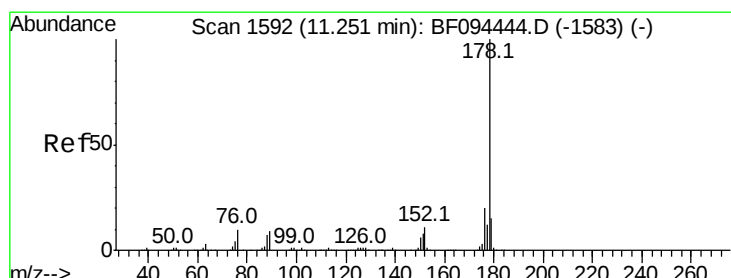
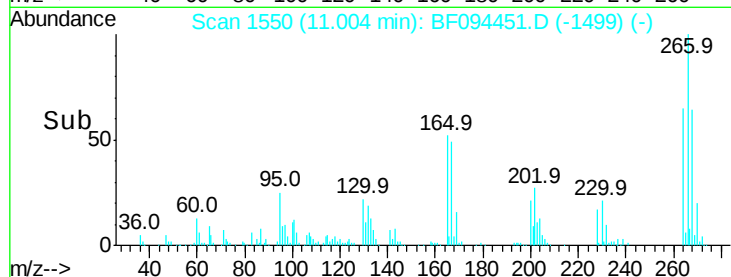
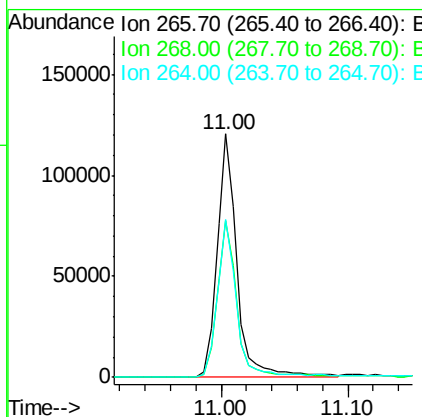
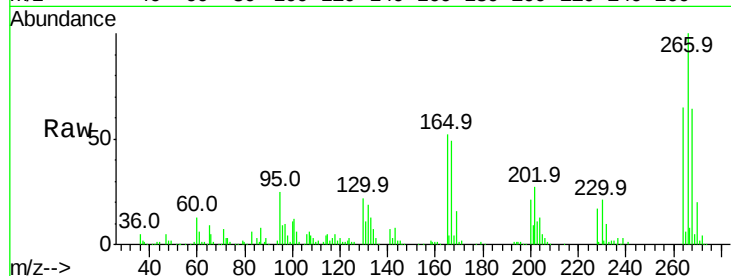
#69
 Pentachlorophenol
 Concen: 66.92 ng
 RT: 11.00 min Scan# 1550
 Delta R.T. 0.00 min
 Lab File: BF094451.D
 Acq: 17 Apr 2017 16:06

Instrument :
 BNA_F
 ClientSampleId :
 PB98268BS

Tot Ion	Ratio	Resp	Lower	Upper
266	100	132936		
268	64.3	51.1	76.7	
264	64.8	51.7	77.5	

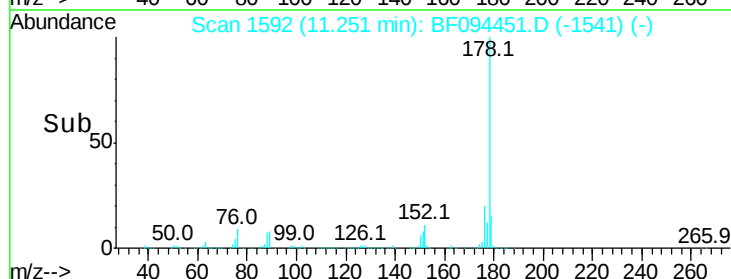
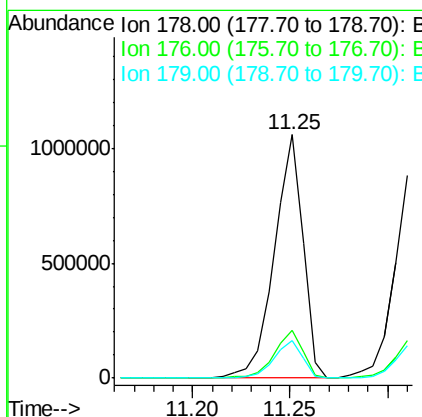
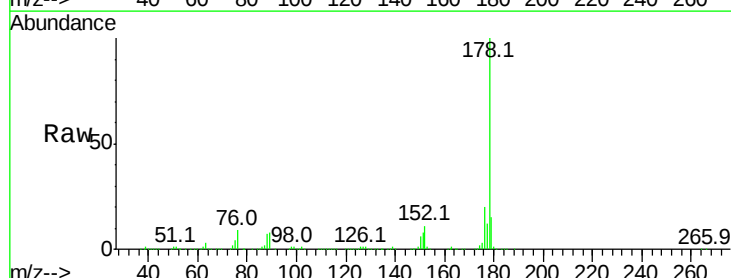
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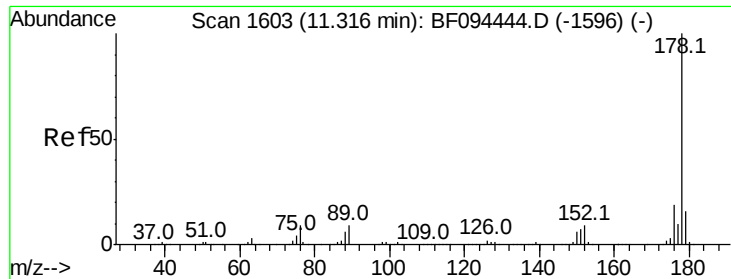
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#70
 Phenanthrene
 Concen: 38.32 ng
 RT: 11.25 min Scan# 1592
 Delta R.T. 0.00 min
 Lab File: BF094451.D
 Acq: 17 Apr 2017 16:06

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	1078829		
176	19.5	16.2	24.4	
179	15.5	12.6	19.0	





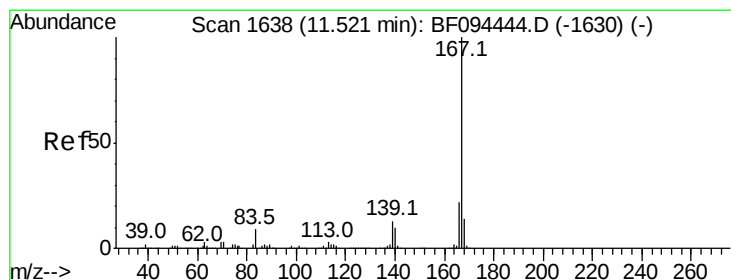
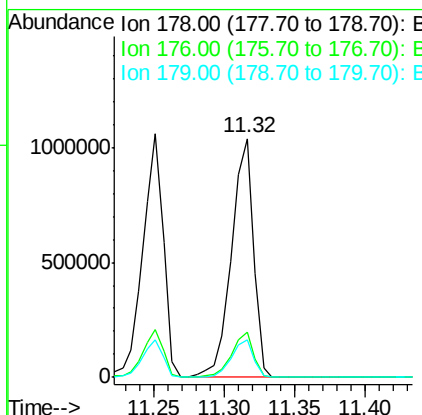
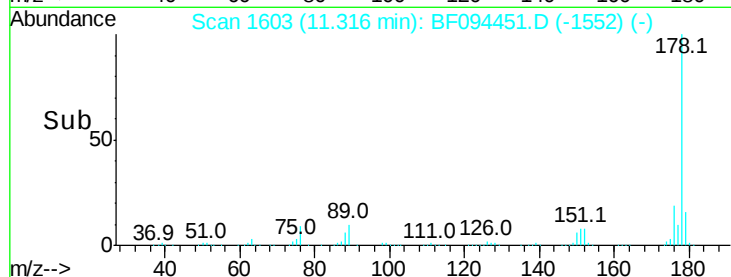
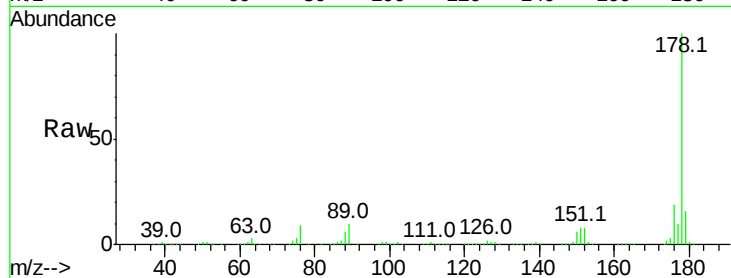
#71
 Anthracene
 Concen: 38.63 ng
 RT: 11.32 min Scan# 1603
 Delta R.T. 0.00 min
 Lab File: BF094451.D
 Acq: 17 Apr 2017 16:06

Instrument :
 BNA_F
 ClientSampleId :
 PB98268BS

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.7	15.8	23.8
179	15.6	12.7	19.1

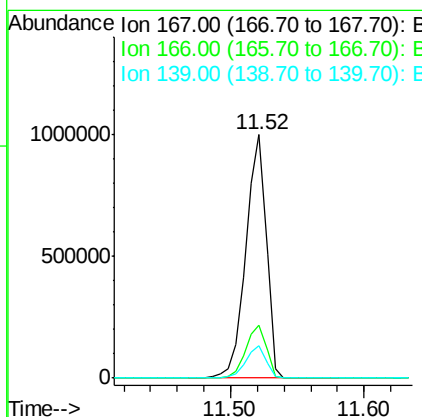
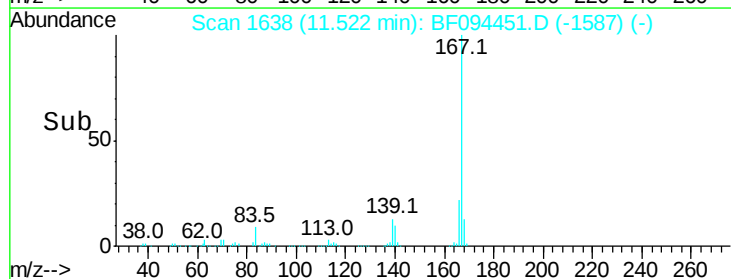
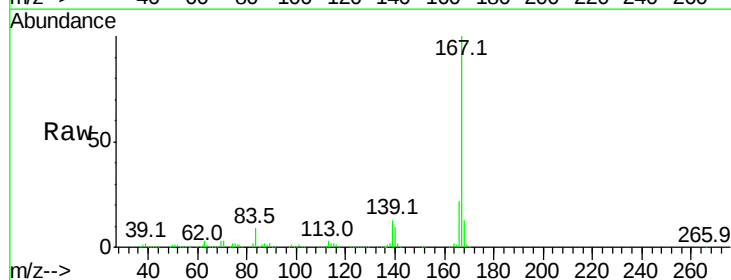
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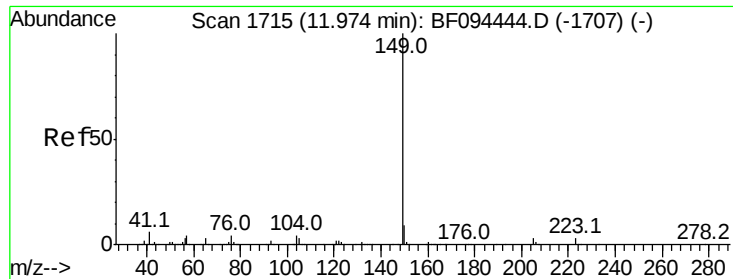
mohammad
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#72
 Carbazole
 Concen: 38.41 ng
 RT: 11.52 min Scan# 1638
 Delta R.T. 0.00 min
 Lab File: BF094451.D
 Acq: 17 Apr 2017 16:06

Tgt Ion	Ratio	Lower	Upper
167	100		
166	21.8	18.1	27.1
139	13.4	11.7	17.5





#73

Di-n-butylphthalate

Concen: 40.53 ng

RT: 11.97 min Scan# 1715

Delta R.T. 0.00 min

Lab File: BF094451.D

Acq: 17 Apr 2017 16:06

Instrument :

BNA_F

ClientSampleId :

PB98268BS

Tot Ion:149 Resp: 1219709

Ion Ratio Lower Upper

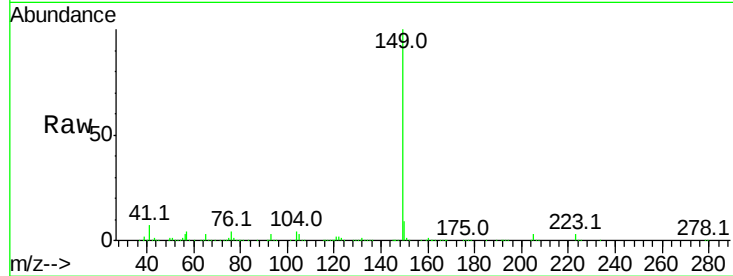
149 100

150 9.2 7.7 11.5

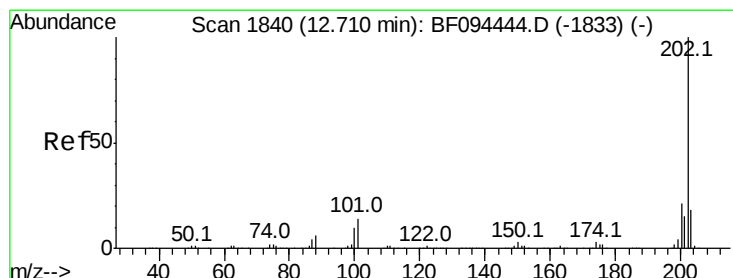
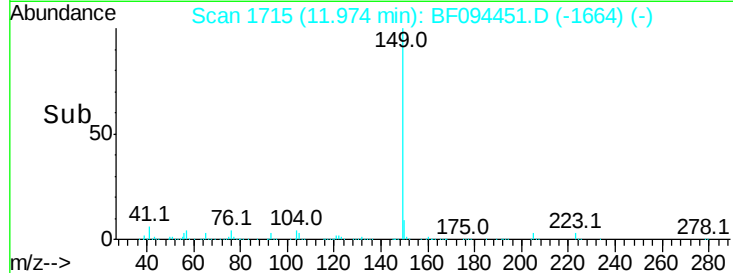
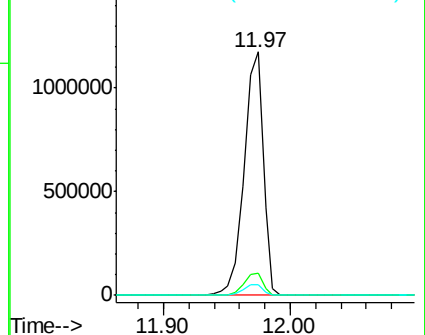
104 4.5 4.0 6.0

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



#74

Fluoranthene

Concen: 38.89 ng

RT: 12.71 min Scan# 1840

Delta R.T. 0.00 min

Lab File: BF094451.D

Acq: 17 Apr 2017 16:06

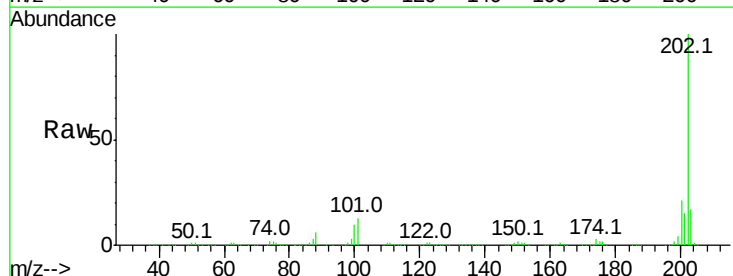
Tgt Ion:202 Resp: 1134708

Ion Ratio Lower Upper

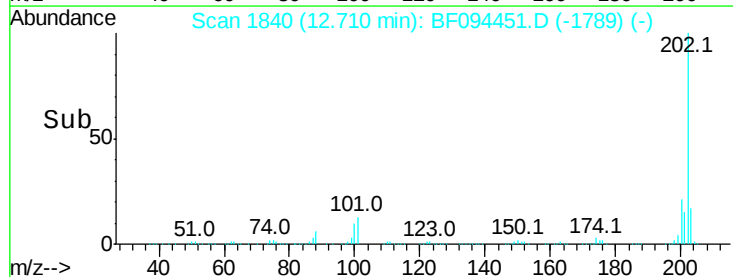
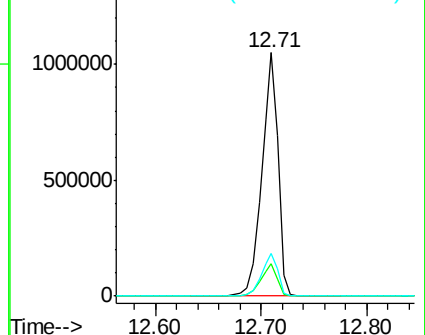
202 100

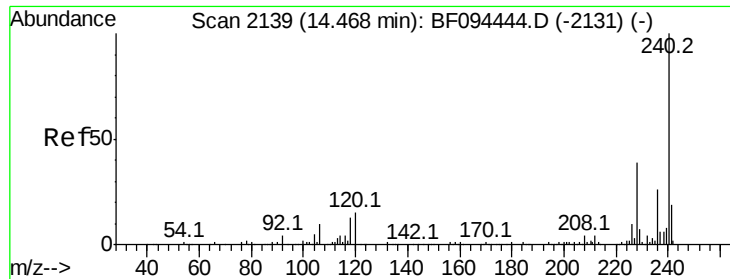
101 13.4 0.0 33.2

203 17.5 0.0 38.1



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





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.47 min Scan# 2139

Delta R.T. 0.00 min

Lab File: BF094451.D

Acq: 17 Apr 2017 16:06

Instrument :

BNA_F

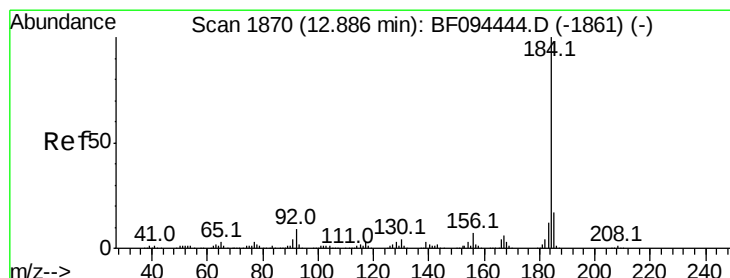
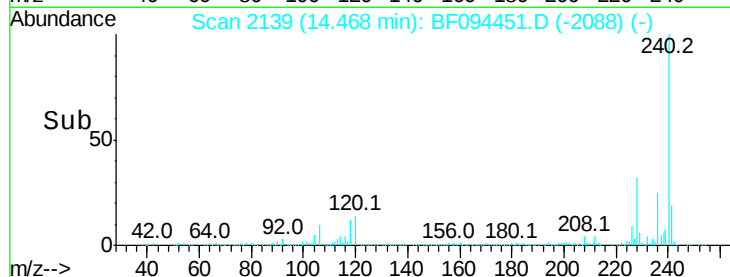
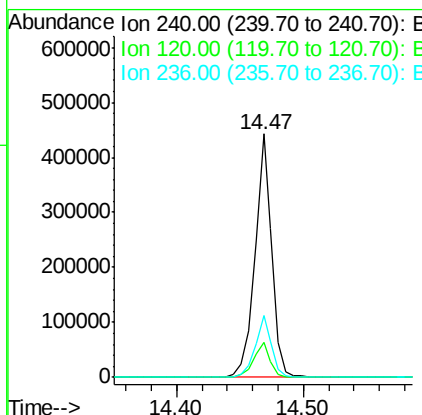
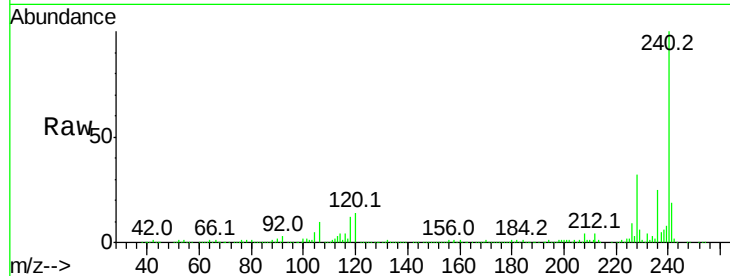
ClientSampleId :

PB98268BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
240	100				
120	14.2	5.8	8.8#		
236	25.3	20.5	30.7		

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#76

Benzidine

Concen: 24.82 ng

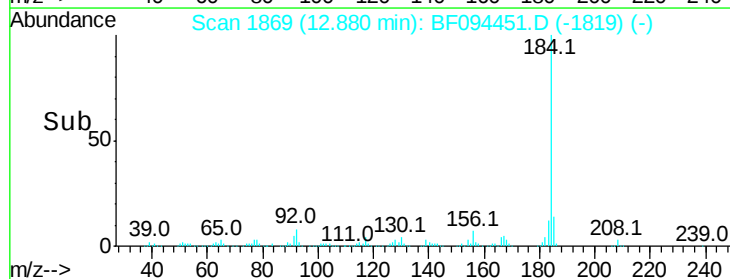
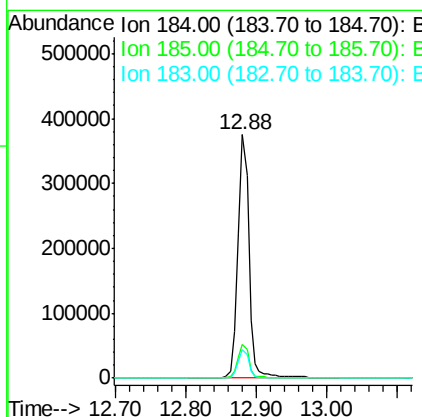
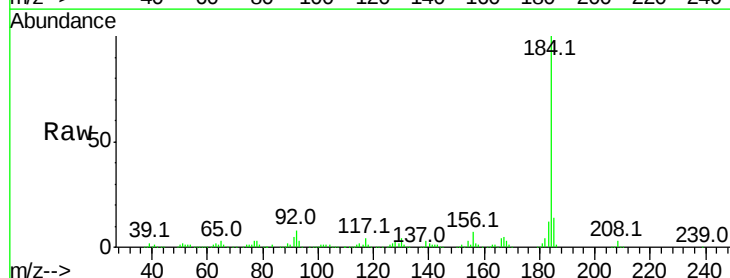
RT: 12.88 min Scan# 1869

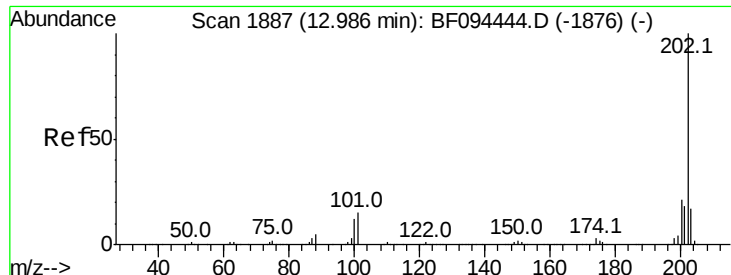
Delta R.T. -0.01 min

Lab File: BF094451.D

Acq: 17 Apr 2017 16:06

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
184	100				
185	13.6	15.5	23.3#		
183	11.9	9.8	14.6		





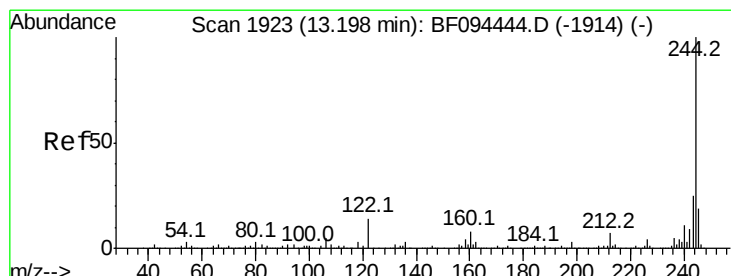
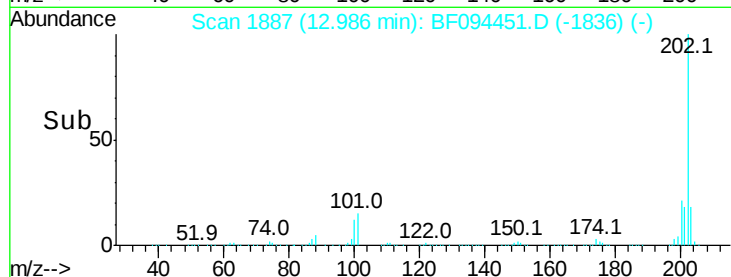
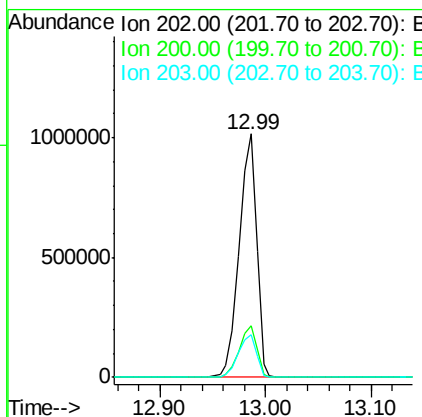
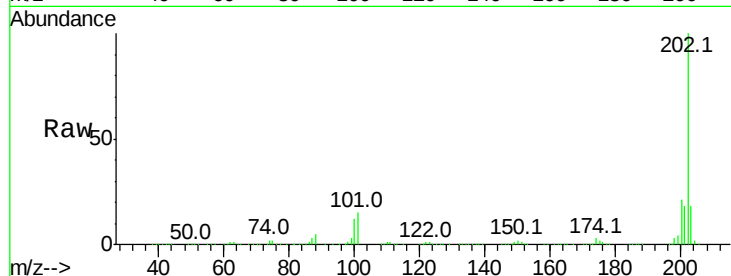
#77
 Pvrene
 Concen: 39.88 ng
 RT: 12.99 min Scan# 1887
 Delta R.T. 0.00 min
 Lab File: BF094451.D
 Acq: 17 Apr 2017 16:06

Instrument :
 BNA_F
 ClientSampleId :
 PB98268BS

Tot Ion	Ratio	Lower	Upper
202	100		
200	21.4	17.6	26.4
203	17.6	14.4	21.6

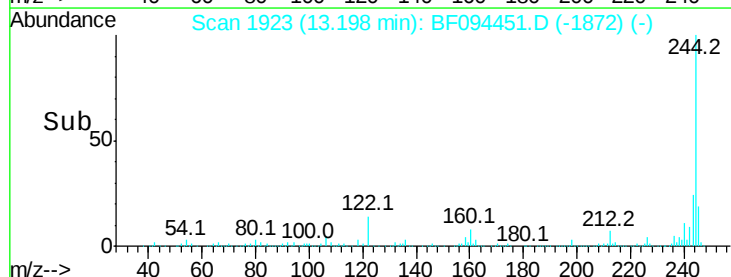
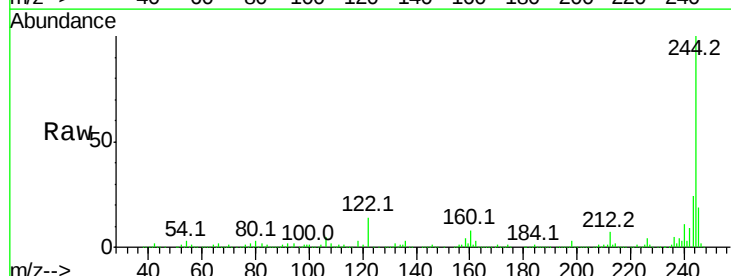
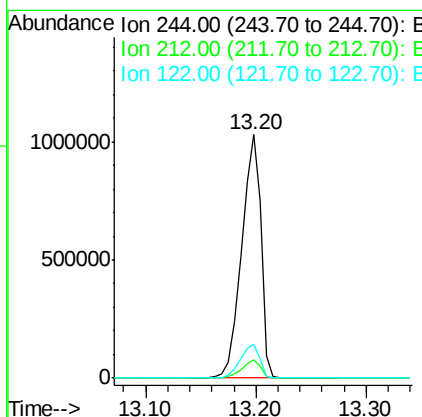
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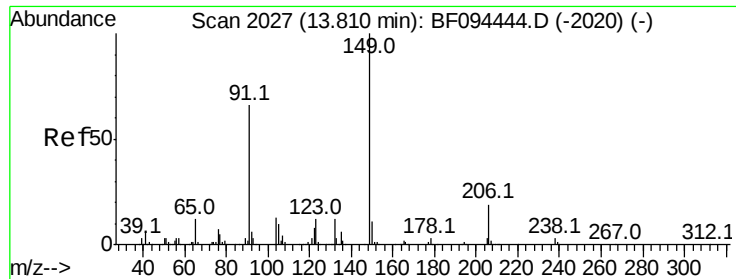
mohammad
 4/18/2017 3:08:00 PM



#78
 Terphenyl-d14
 Concen: 81.91 ng
 RT: 13.20 min Scan# 1923
 Delta R.T. 0.00 min
 Lab File: BF094451.D
 Acq: 17 Apr 2017 16:06

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.5	6.0	9.0
122	13.9	10.3	15.5





#79

Butylbenzylphthalate

Concen: 42.19 ng

RT: 13.81 min Scan# 2027

Delta R.T. 0.00 min

Lab File: BF094451.D

Acq: 17 Apr 2017 16:06

Instrument :

BNA_F

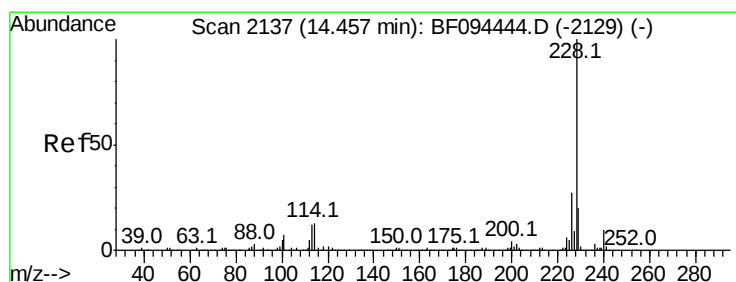
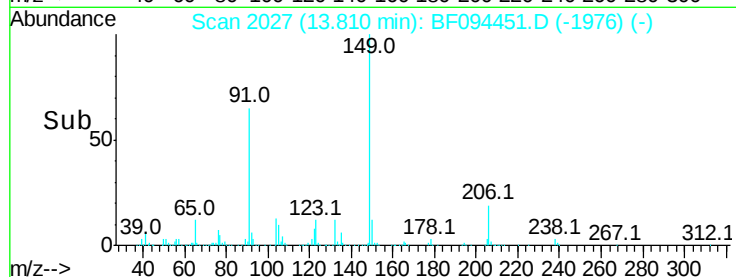
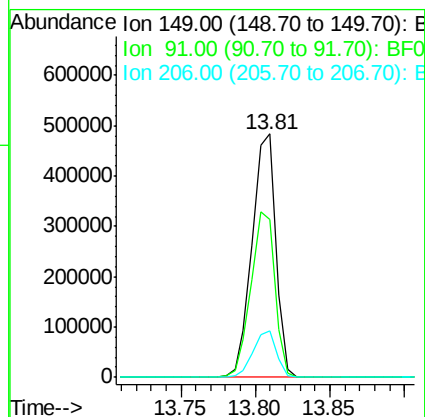
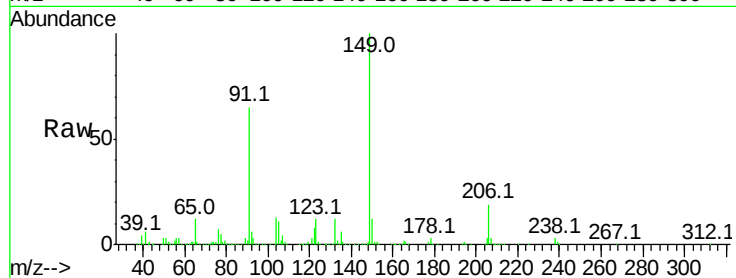
ClientSampleId :

PB98268BS

Tot Ion:	149	Resp:	531493
Ion Ratio	Lower	Upper	
149	100		
91	65.0	45.0	67.4
206	19.1	17.0	25.6

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#80

Benzo(a)anthracene

Concen: 39.21 ng

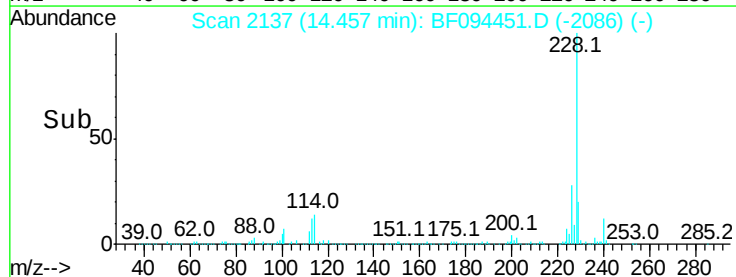
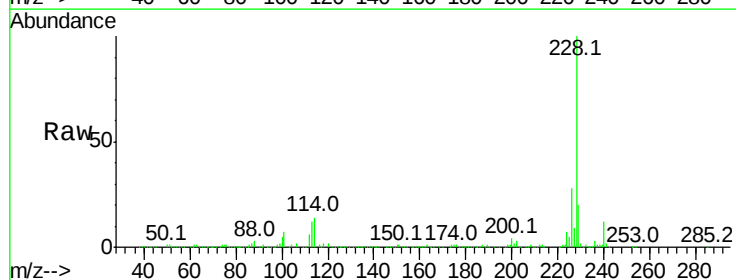
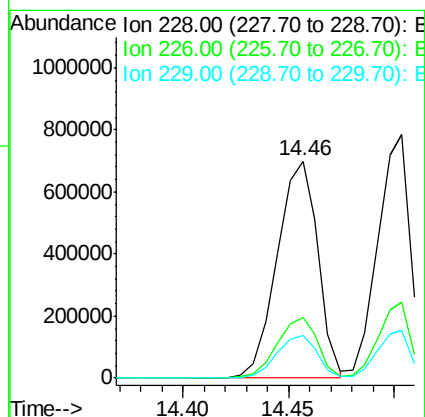
RT: 14.46 min Scan# 2137

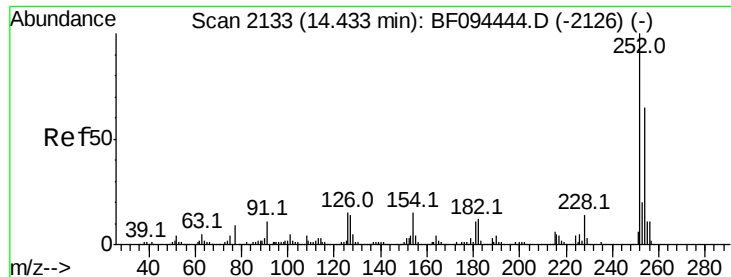
Delta R.T. 0.00 min

Lab File: BF094451.D

Acq: 17 Apr 2017 16:06

Tgt Ion:	228	Resp:	937834
Ion Ratio	Lower	Upper	
228	100		
226	27.9	22.6	33.8
229	19.6	16.3	24.5





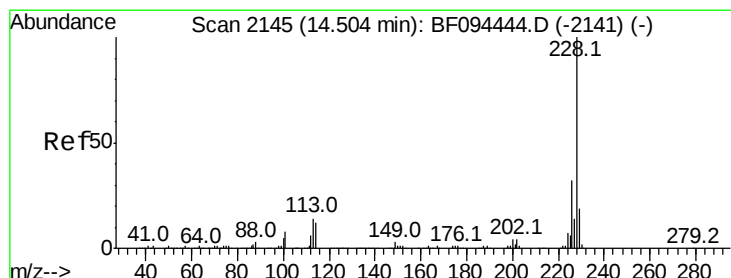
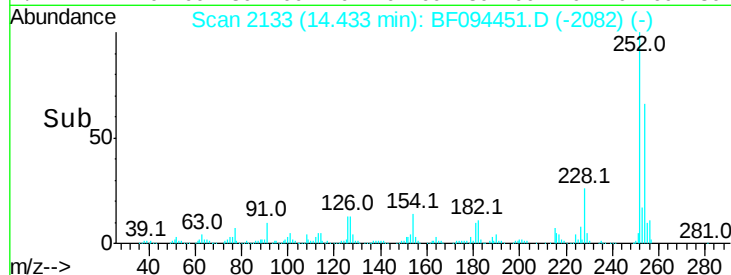
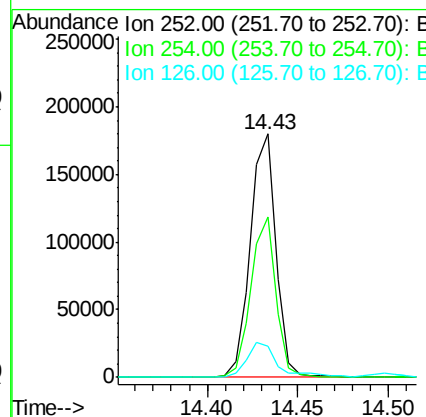
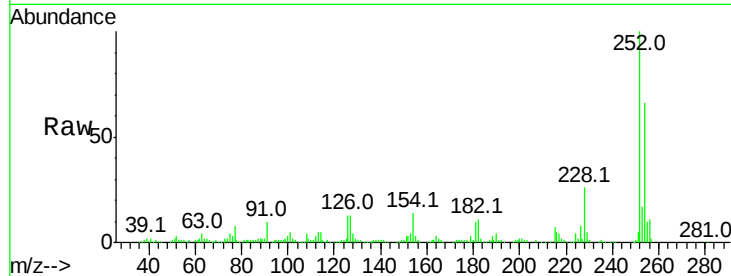
#81
 3,3'-Dichlorobenzidine
 Concen: 21.01 ng
 RT: 14.43 min Scan# 2133
 Delta R.T. 0.00 min
 Lab File: BF094451.D
 Acq: 17 Apr 2017 16:06

Instrument :
 BNA_F
 ClientSampleId :
 PB98268BS

Tot Ion	Ratio	Lower	Upper
252	100		
254	65.7	51.5	77.3
126	12.9	15.8	23.8

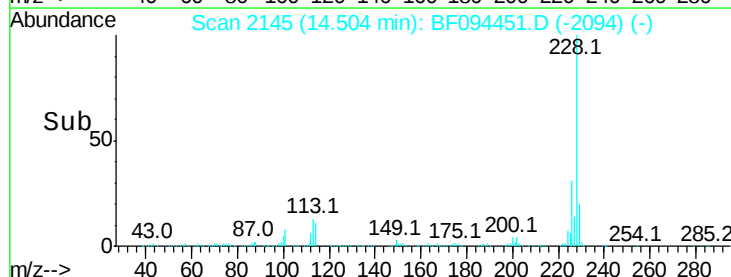
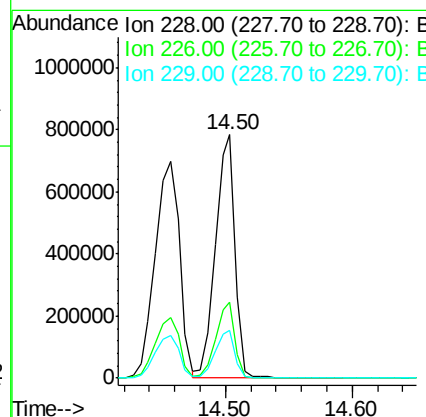
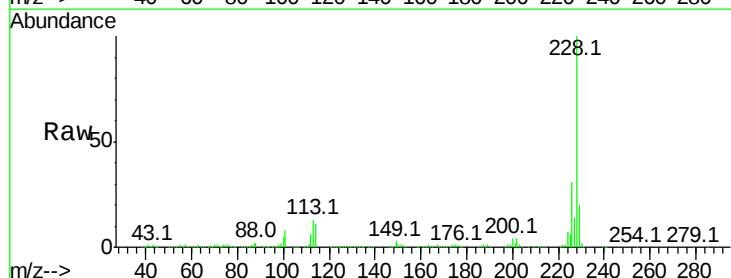
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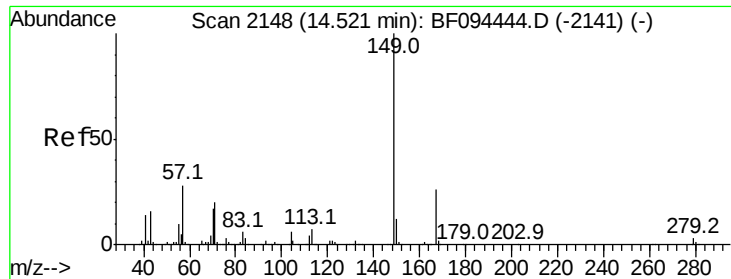
mohammad
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#82
 Chrysene
 Concen: 38.84 ng
 RT: 14.50 min Scan# 2145
 Delta R.T. 0.00 min
 Lab File: BF094451.D
 Acq: 17 Apr 2017 16:06

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.0	24.9	37.3
229	19.7	15.8	23.6





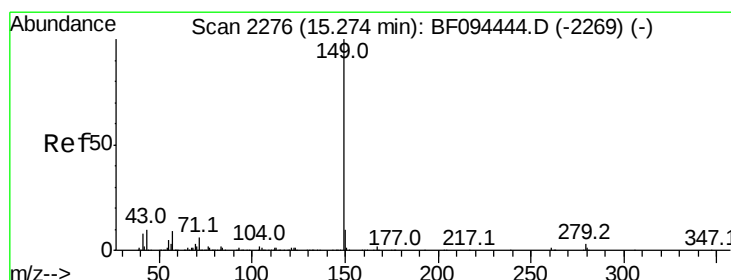
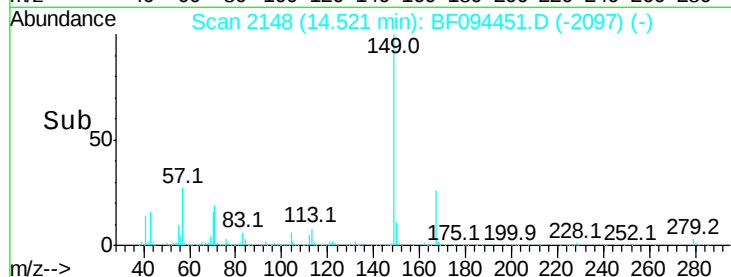
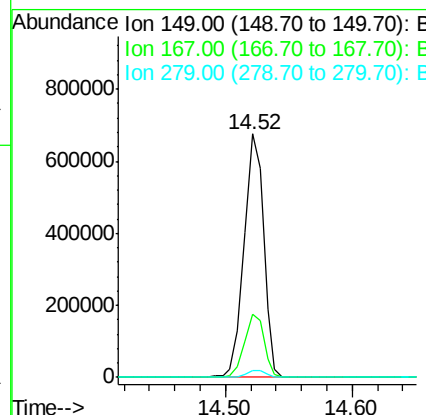
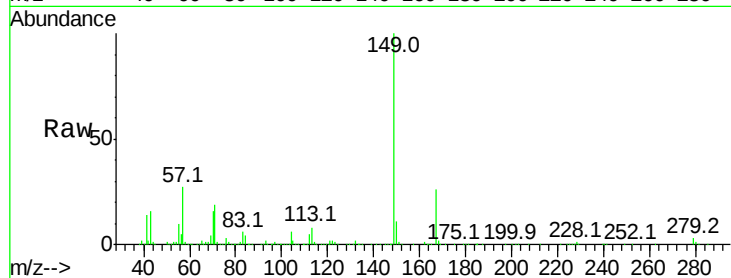
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 42.53 ng
 RT: 14.52 min Scan# 2148
 Delta R.T. 0.00 min
 Lab File: BF094451.D
 Acq: 17 Apr 2017 16:06

Instrument :
 BNA_F
 ClientSampleId :
 PB98268BS

Tot Ion	Ratio	Lower	Upper
149	100		
167	25.7	21.0	31.4
279	2.8	1.9	2.9

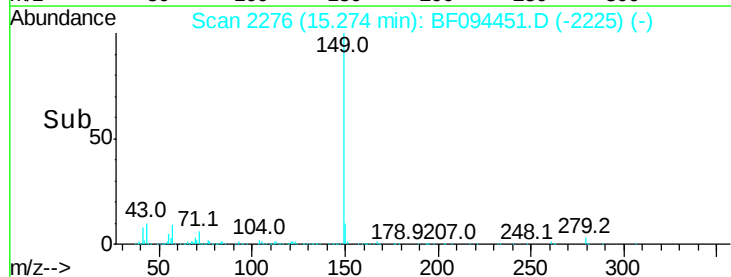
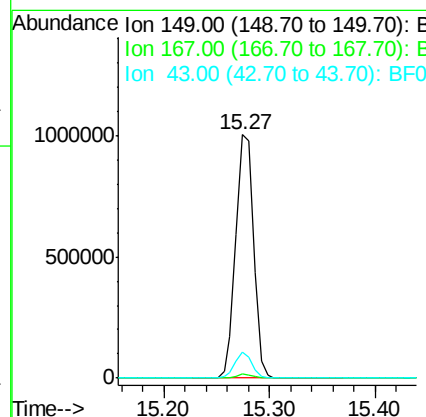
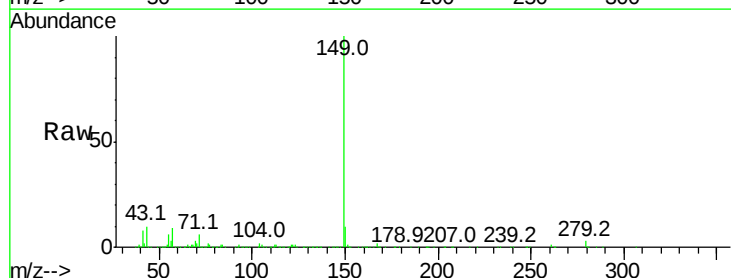
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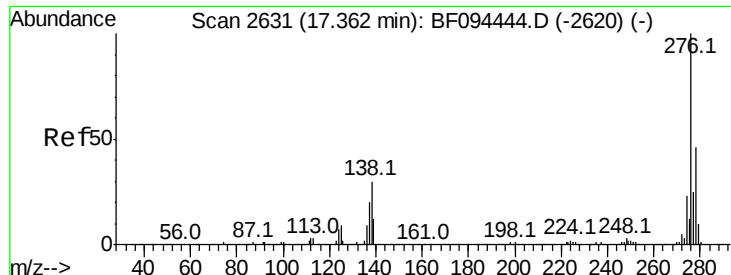
mohammad
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#84
 Di-n-octyl phthalate
 Concen: 41.19 ng
 RT: 15.27 min Scan# 2276
 Delta R.T. 0.00 min
 Lab File: BF094451.D
 Acq: 17 Apr 2017 16:06

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.2	1.8
43	9.5	8.5	12.7





#85

Indeno(1,2,3-cd)pyrene

Concen: 30.43 ng

RT: 17.36 min Scan# 2630

Delta R.T. -0.01 min

Lab File: BF094451.D

Acq: 17 Apr 2017 16:06

Instrument :

BNA_F

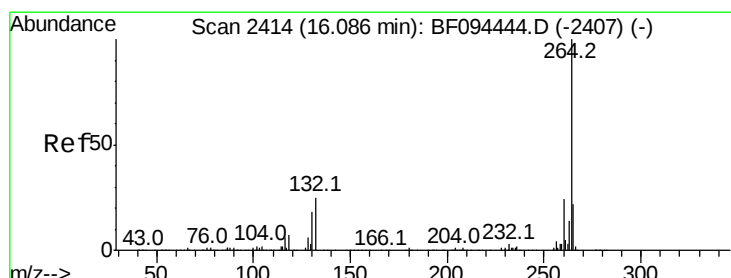
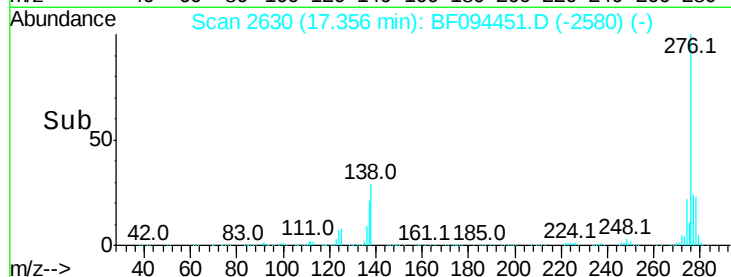
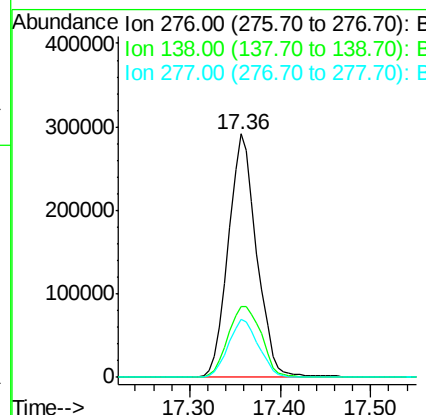
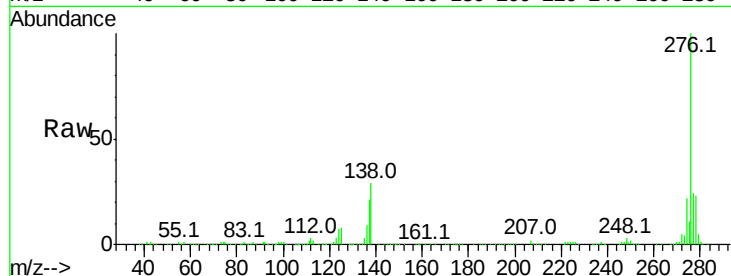
ClientSampleId :

PB98268BS

Tot Ion	Ratio	Lower	Upper
276	100		
138	34.6	27.8	41.6
277	25.5	20.2	30.4

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#86

Perylene-d12

Concen: 20.00 ng

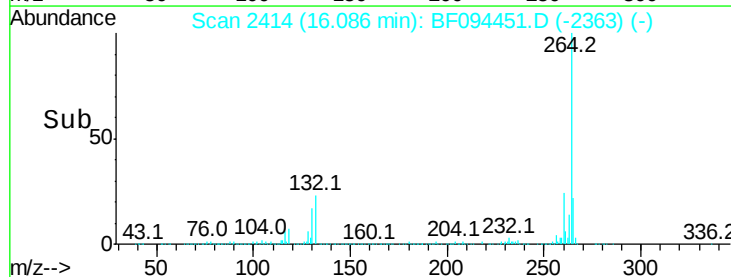
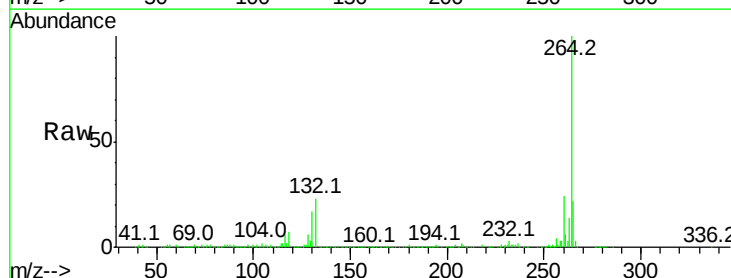
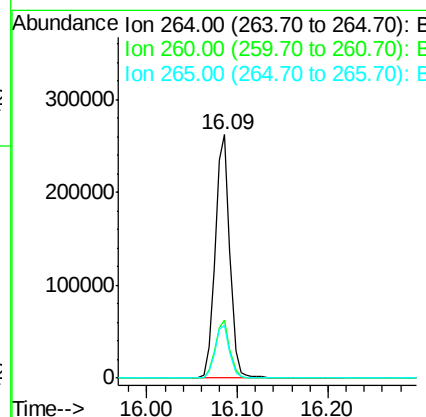
RT: 16.09 min Scan# 2414

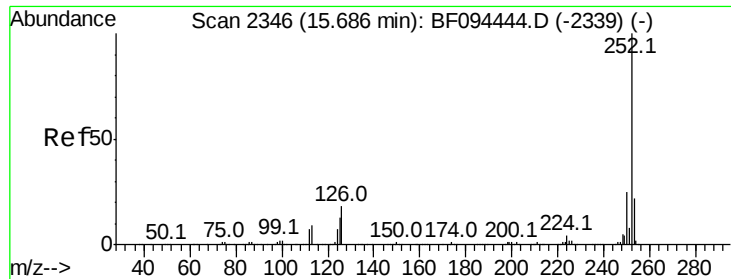
Delta R.T. 0.00 min

Lab File: BF094451.D

Acq: 17 Apr 2017 16:06

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.5	29.3
265	21.6	17.2	25.8





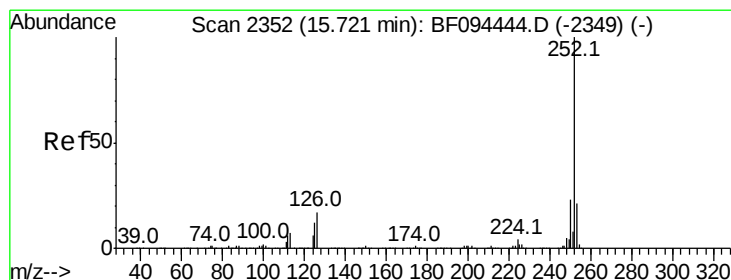
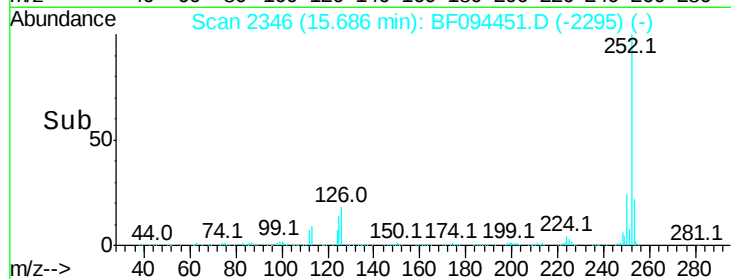
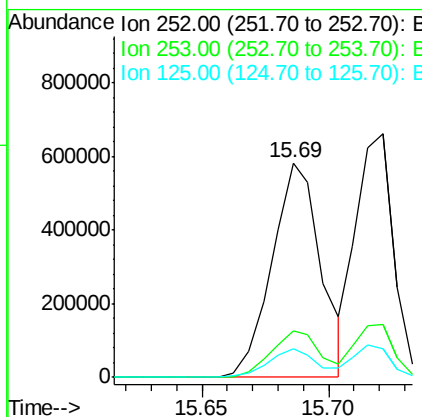
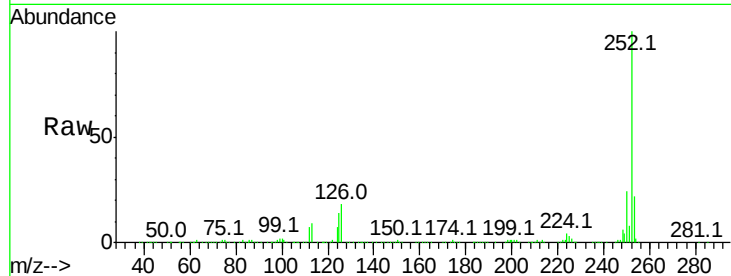
#87
Benzo(b)fluoranthene
Concen: 43.27 ng
RT: 15.69 min Scan# 2346
Delta R.T. 0.00 min
Lab File: BF094451.D
Acq: 17 Apr 2017 16:06

Instrument :
BNA_F
ClientSampleId :
PB98268BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.9	18.1	27.1
125	13.5	9.8	14.8

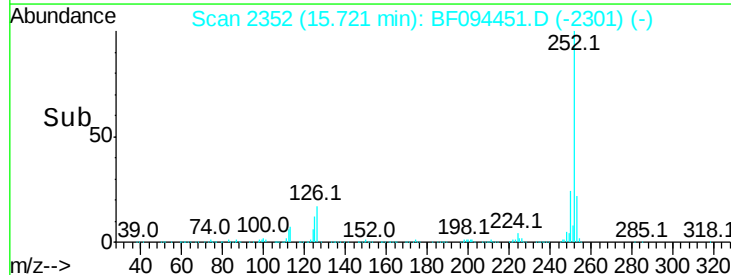
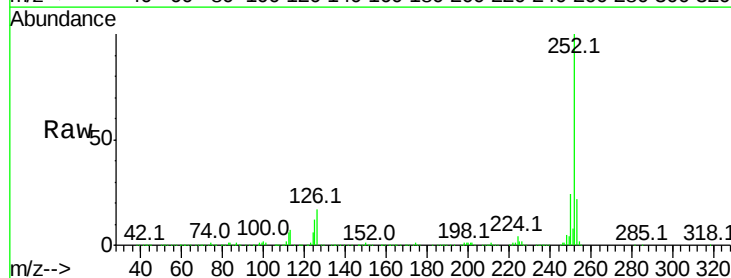
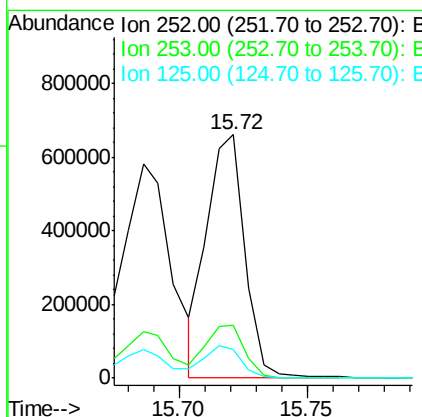
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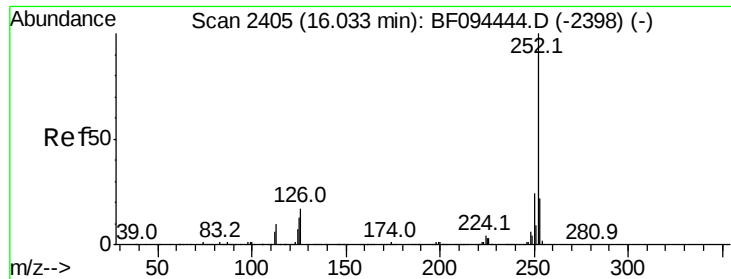
mohammad
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#88
Benzo(k)fluoranthene
Concen: 40.25 ng m
RT: 15.72 min Scan# 2352
Delta R.T. 0.00 min
Lab File: BF094451.D
Acq: 17 Apr 2017 16:06

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.9	18.4	27.6
125	11.9	13.1	19.7#





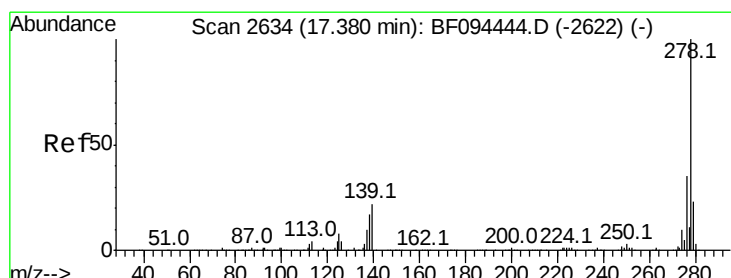
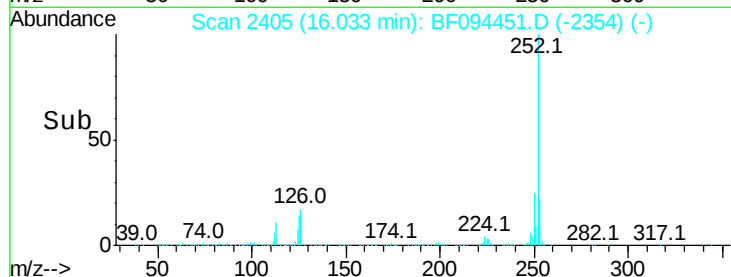
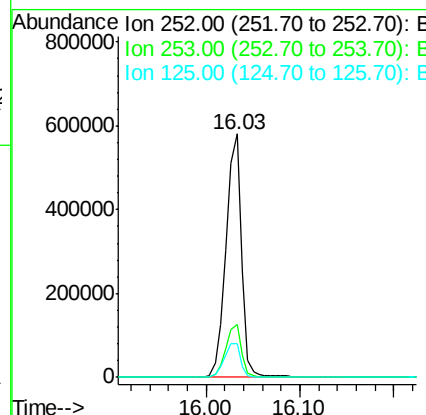
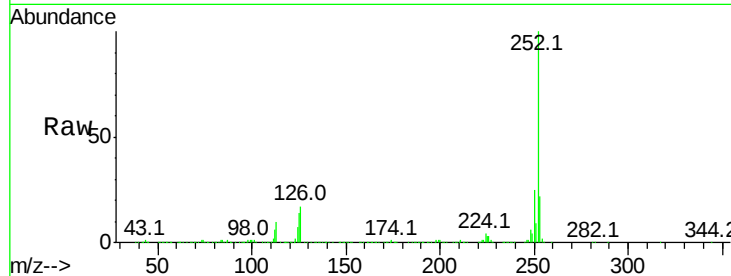
#89
Benzo(a)pyrene
Concen: 39.76 ng
RT: 16.03 min Scan# 2405
Delta R.T. 0.00 min
Lab File: BF094451.D
Acq: 17 Apr 2017 16:06

Instrument :
BNA_F
ClientSampleId :
PB98268BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.5	26.3
125	14.0	11.0	16.4

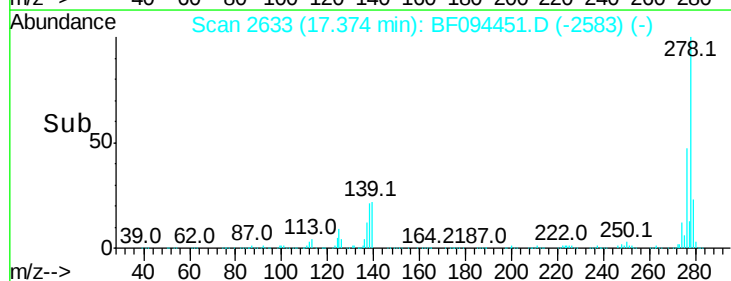
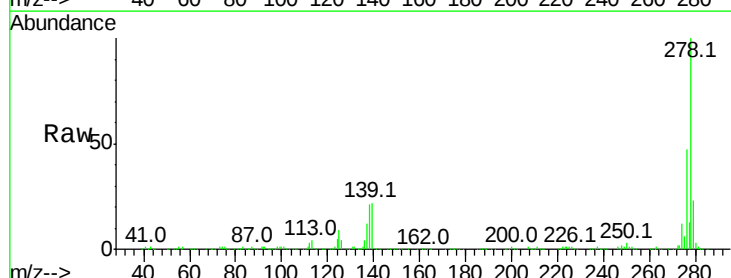
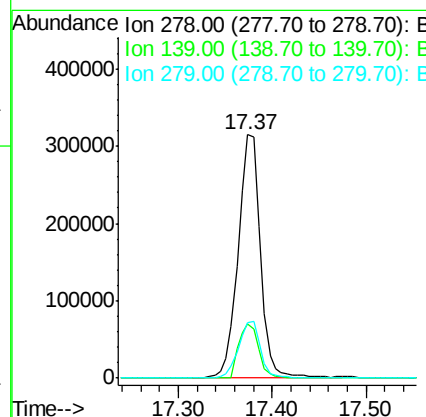
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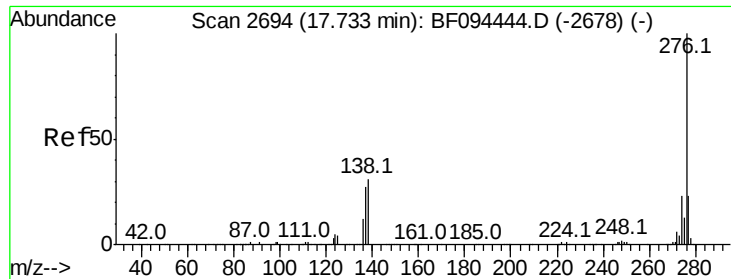
mohammad
4/18/2017 3:08:00 PM



#90
Dibenzo(a,h)anthracene
Concen: 37.24 ng
RT: 17.37 min Scan# 2633
Delta R.T. -0.01 min
Lab File: BF094451.D
Acq: 17 Apr 2017 16:06

Tgt Ion	Ratio	Lower	Upper
278	100		
139	22.3	16.6	24.8
279	22.7	19.3	28.9





#91
 Benzo(a,h,i)perylene
 Concen: 38.19 ng
 RT: 17.73 min Scan# 2694
 Delta R.T. 0.00 min
 Lab File: BF094451.D
 Acq: 17 Apr 2017 16:06

Instrument :
 BNA_F
 ClientSampleId :
 PB98268BS

Tot Ion:	276	Resp:	545041
Ion Ratio	Lower	Upper	
276	100		
277	23.7	18.6	28.0
138	29.0	25.4	38.0

Manual Integrations
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 4/18/2017 3:08:00 PM

