

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042017\
 Data File : BF094537.D
 Acq On : 20 Apr 2017 11:47
 Operator : SJ/MA
 Sample : PB98356BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB98356BS

Manual Integrations
 APPROVED

mohammad
 4/21/2017 11:35:56 AM

Quant Time: Apr 20 17:40:13 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	5.77	152	114691	20.00	ng	0.00
21) Naphthalene-d8	7.26	136	451402	20.00	ng	0.00
38) Acenaphthene-d10	9.40	164	205085	20.00	ng	0.00
63) Phenanthrene-d10	11.21	188	388100	20.00	ng	0.00
75) Chrysene-d12	14.47	240	290844	20.00	ng	0.00
86) Perylene-d12	16.08	264	220336	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	4.32	112	864104	125.00	ng	0.02
7) Phenol-d6	5.40	99	1053029	129.21	ng	0.00
23) Nitrobenzene-d5	6.42	82	651773	89.16	ng	0.00
41) 2,4,6-Tribromophenol	10.38	330	238692	148.80	ng	0.00
44) 2-Fluorobiphenyl	8.58	172	1219648	87.50	ng	0.00
78) Terphenyl-d14	13.19	244	1170434	107.57	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.11	88	107405	26.72	ng	97
3) Pyridine	2.64	79	311262	35.42	ng	99
4) n-Nitrosodimethylamine	2.58	42	147515	40.57	ng	90
6) Aniline	5.40	93	322905	29.81	ng	# 80
8) 2-Chlorophenol	5.54	128	335570	42.66	ng	93
9) Benzaldehyde	5.27	77	52046	8.40	ng	97
10) Phenol	5.41	94	402390	40.19	ng	97
11) bis(2-Chloroethyl)ether	5.48	93	316566	43.28	ng	93
12) 1,3-Dichlorobenzene	5.70	146	347844	39.91	ng	99
13) 1,4-Dichlorobenzene	5.79	146	355617	40.56	ng	98
14) 1,2-Dichlorobenzene	5.96	146	327621	40.56	ng	98
15) Benzyl Alcohol	5.95	79	252211	41.72	ng	98
16) 2,2'-oxybis(1-Chloropropan	6.10	45	398705	41.58	ng	78
17) 2-Methylphenol	6.09	107	263399	42.51	ng	94
18) Hexachloroethane	6.35	117	122507	40.76	ng	# 85
19) n-Nitroso-di-n-propylamine	6.25	70	234581	43.44	ng	97
20) 3+4-Methylphenols	6.27	107	368408	43.76	ng	# 62
22) Acetophenone	6.24	105	466451	42.50	ng	# 85
24) Nitrobenzene	6.44	77	330385	42.92	ng	92
25) Isophorone	6.73	82	595260	43.93	ng	# 94
26) 2-Nitrophenol	6.81	139	187448	45.32	ng	98
27) 2,4-Dimethylphenol	6.89	122	295473	43.98	ng	98
28) bis(2-Chloroethoxy)methane	6.99	93	382500	43.64	ng	99
29) 2,4-Dichlorophenol	7.11	162	281918	45.11	ng	99
30) 1,2,4-Trichlorobenzene	7.20	180	275360	42.62	ng	96
31) Naphthalene	7.29	128	920117	42.40	ng	100
32) Benzoic acid	7.07	122	180341	50.76	ng	95
33) 4-Chloroaniline	7.37	127	91590	10.15	ng	# 92
34) Hexachlorobutadiene	7.44	225	138713	43.06	ng	99
35) Caprolactam	7.83	113	96615m	49.21	ng	
36) 4-Chloro-3-methylphenol	8.00	107	303251	46.30	ng	89
37) 2-Methylnaphthalene	8.13	142	645192	43.46	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.34	216	247415	42.37	ng	99
40) Hexachlorocyclopentadiene	8.32	237	239833	101.52	ng	99

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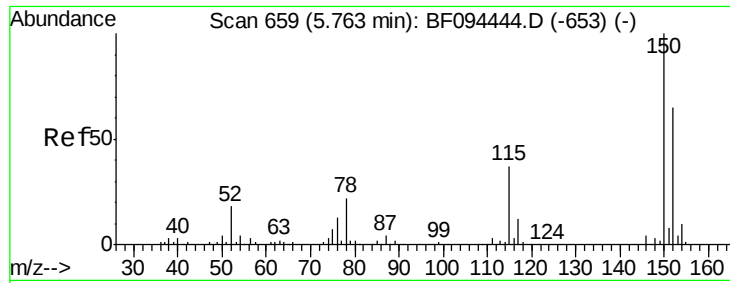
Manual Integrations
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mohammad
 4/21/2017 11:35:56 AM

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.49	196	188246	45.90	nq	97
43) 2,4,5-Trichlorophenol	8.55	196	198150	47.05	nq #	92
45) 1,1'-Biphenyl	8.70	154	724621	43.25	nq	97
46) 2-Chloronaphthalene	8.72	162	583072	43.76	nq	95
47) 2-Nitroaniline	8.85	65	175323	45.74	nq #	85
48) Acenaphthylene	9.22	152	906758	43.66	nq	98
49) Dimethylphthalate	9.10	163	726668	47.55	nq	99
50) 2,6-Dinitrotoluene	9.17	165	163892	47.77	nq	98
51) Acenaphthene	9.44	154	549652	44.18	nq	100
52) 3-Nitroaniline	9.37	138	93155	23.47	nq	86
53) 2,4-Dinitrophenol	9.51	184	146807	78.95	nq #	68
54) Dibenzofuran	9.65	168	819543	45.33	nq	98
55) 4-Nitrophenol	9.63	139	246645m	87.96	nq	
56) 2,4-Dinitrotoluene	9.66	165	211323	50.20	nq #	84
57) Fluorene	10.07	166	649264	46.11	nq	100
58) 2,3,4,6-Tetrachlorophenol	9.82	232	149310	49.46	nq	96
59) Diethylphthalate	9.96	149	709477	49.20	nq	99
60) 4-Chlorophenyl-phenylether	10.08	204	280534	47.88	nq	93
61) 4-Nitroaniline	10.12	138	164848	40.86	nq	98
62) Azobenzene	10.27	77	662353	47.31	nq	96
64) 4,6-Dinitro-2-methylphenol	10.17	198	110179	43.33	nq #	63
65) n-Nitrosodiphenylamine	10.23	169	604541	44.79	nq	98
66) 4-Bromophenyl-phenylether	10.68	248	175740	45.60	nq	96
67) Hexachlorobenzene	10.75	284	174172	44.85	nq #	88
68) Atrazine	10.91	200	185410	45.92	nq	95
69) Pentachlorophenol	11.00	266	165903	107.58	nq	98
70) Phenanthrene	11.25	178	973573	44.55	nq	99
71) Anthracene	11.31	178	1017069	44.99	nq	99
72) Carbazole	11.52	167	937751	44.20	nq	98
73) Di-n-butylphthalate	11.97	149	1174330	50.27	nq	99
74) Fluoranthene	12.71	202	1021670	45.11	nq	99
76) Benzidine	12.88	184	259151	22.01	nq #	91
77) Pyrene	12.98	202	1015928	50.00	nq	100
79) Butylbenzylphthalate	13.80	149	489892	55.01	nq #	85
80) Benzo(a)anthracene	14.45	228	779145	46.09	nq	100
81) 3,3'-Dichlorobenzidine	14.43	252	171163	28.60	nq #	96
82) Chrysene	14.50	228	712115	46.09	nq	99
83) Bis(2-ethylhexyl)phthalate	14.52	149	677940	56.70	nq #	99
84) Di-n-octyl phthalate	15.27	149	1018503	50.78	nq	97
85) Indeno(1,2,3-cd)pyrene	17.37	276	659220	44.85	nq	99
87) Benzo(b)fluoranthene	15.69	252	632356	46.92	nq	98
88) Benzo(k)fluoranthene	15.72	252	576896	45.23	nq	95
89) Benzo(a)pyrene	16.03	252	575215	45.87	nq	98
90) Dibenzo(a,h)anthracene	17.38	278	536193	51.50	nq	97
91) Benzo(g,h,i)perylene	17.74	276	566056	53.40	nq	99

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



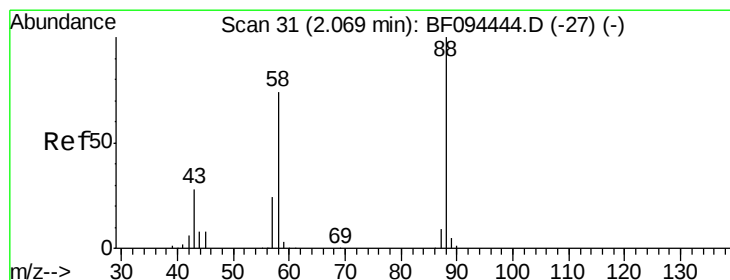
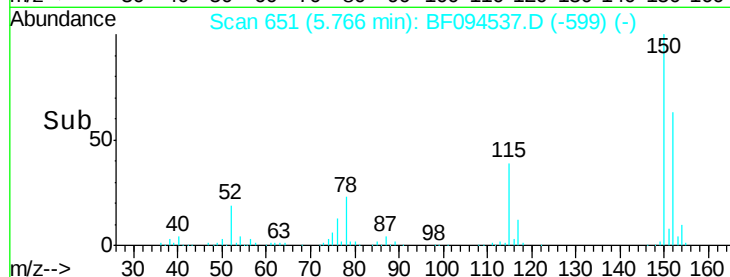
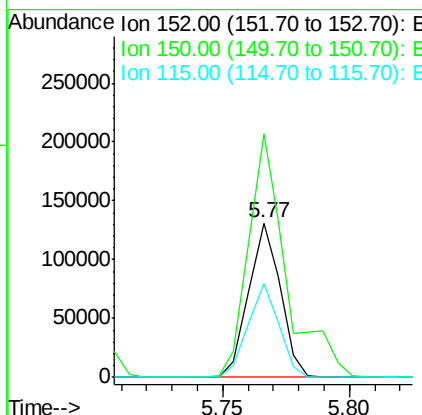
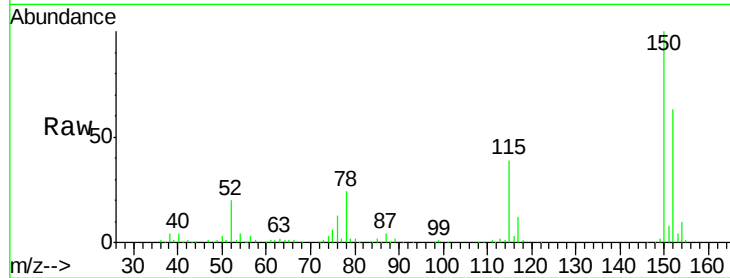
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 5.77 min Scan# 651
 Delta R.T. 0.00 min
 Lab File: BF094537.D
 Acq: 20 Apr 2017 11:47

Instrument :
 BNA_F
 ClientSampleId :
 PB98356BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.8	126.2	189.2
115	61.1	52.2	78.2

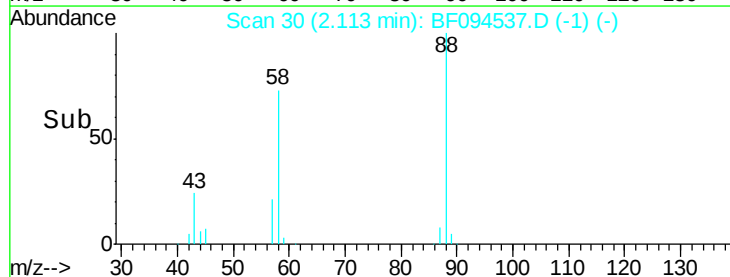
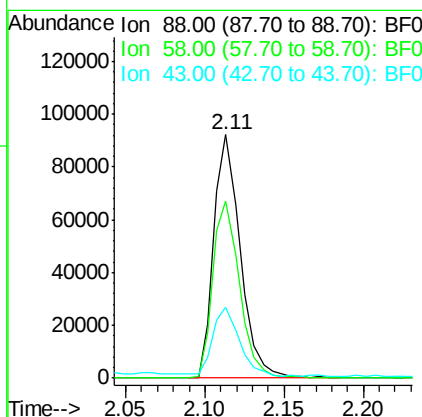
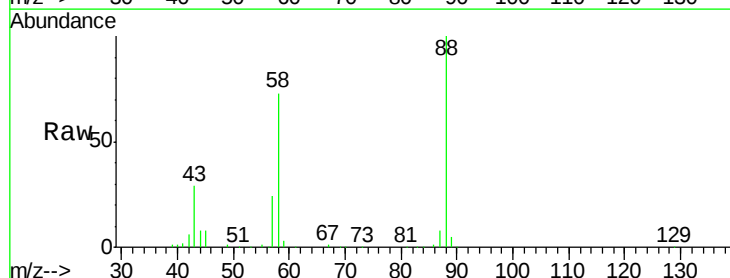
Manual Integrations
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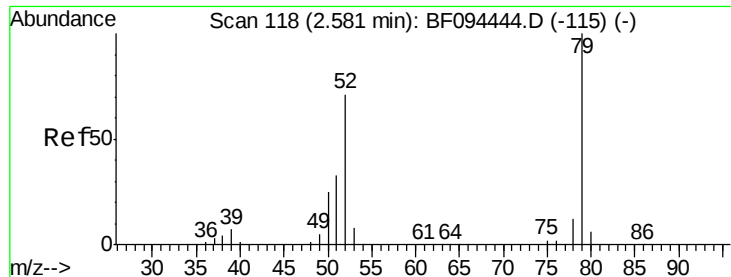
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#2
 1,4-Dioxane
 Concen: 26.72 ng
 RT: 2.11 min Scan# 30
 Delta R.T. 0.04 min
 Lab File: BF094537.D
 Acq: 20 Apr 2017 11:47

Tgt Ion	Ratio	Lower	Upper
88	100		
58	73.7	61.4	92.0
43	28.2	23.4	35.0





#3

Pvridine

Concen: 35.42 ng

RT: 2.64 min Scan# 120

Delta R.T. 0.06 min

Lab File: BF094537.D

Acq: 20 Apr 2017 11:47

Instrument :

BNA_F

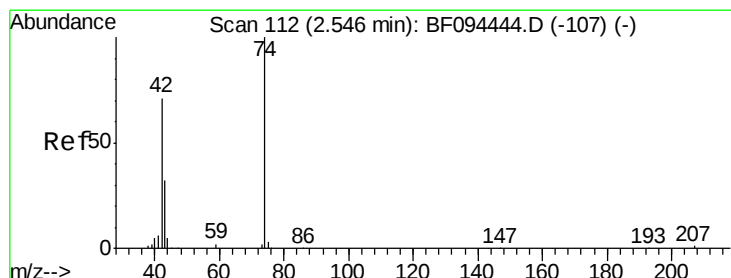
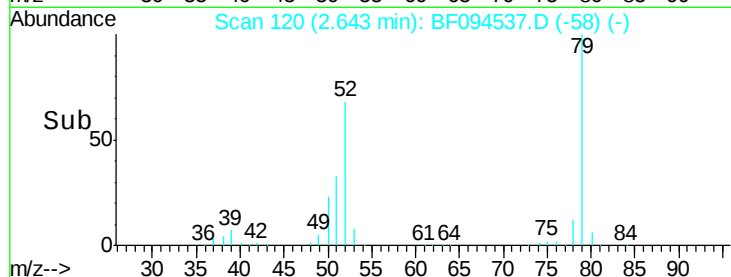
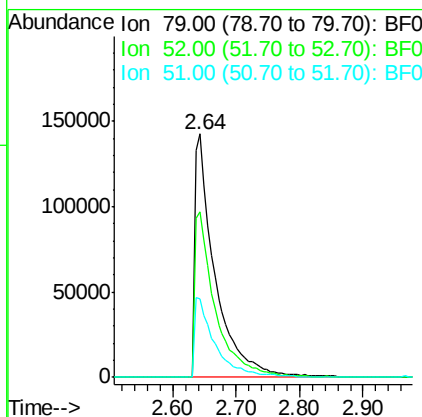
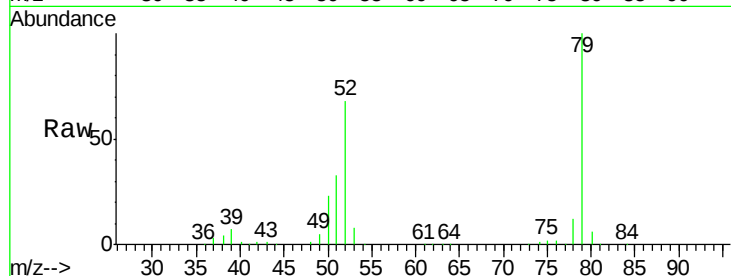
ClientSampleId :

PB98356BS

Tot Ion:	79	Resp:	311262
Ion Ratio	Lower	Upper	
79	100		
52	68.2	54.8	82.2
51	32.5	27.0	40.4

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#4

n-Nitrosodimethylamine

Concen: 40.57 ng

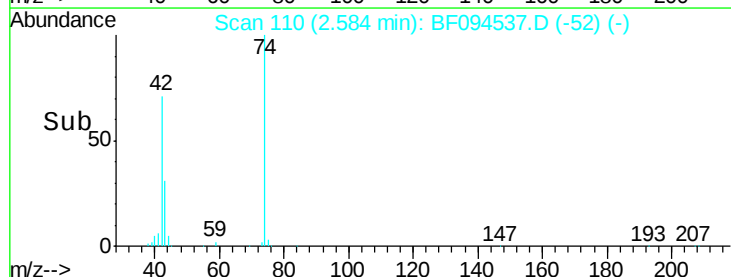
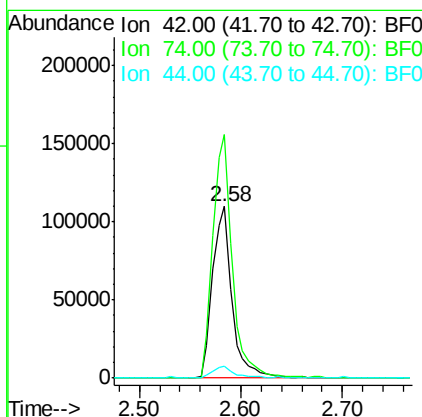
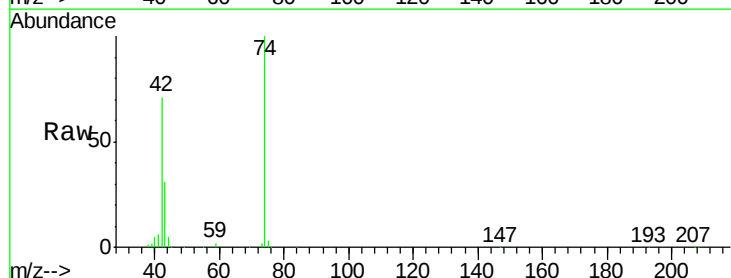
RT: 2.58 min Scan# 110

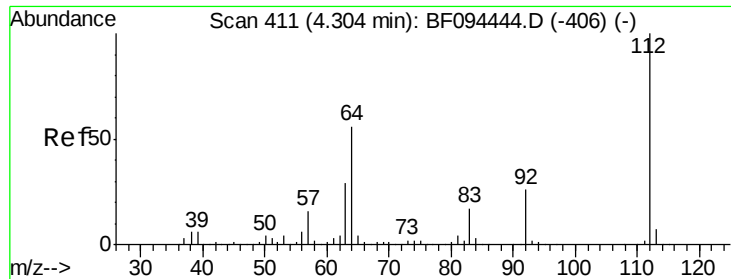
Delta R.T. 0.04 min

Lab File: BF094537.D

Acq: 20 Apr 2017 11:47

Tgt Ion:	42	Resp:	147515
Ion Ratio	Lower	Upper	
42	100		
74	141.6	103.9	155.9
44	7.3	5.7	8.5





#5

2-Fluorophenol

Concen: 125.00 ng

RT: 4.32 min Scan# 406

Delta R.T. 0.02 min

Lab File: BF094537.D

Acq: 20 Apr 2017 11:47

Instrument :

BNA_F

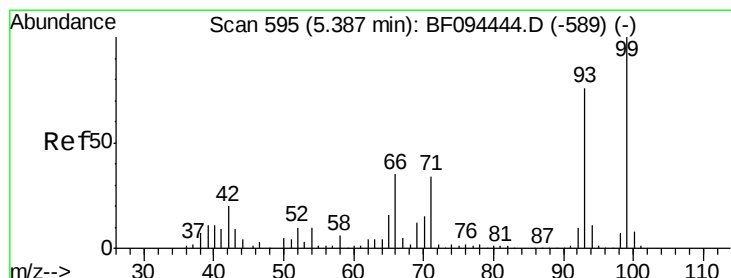
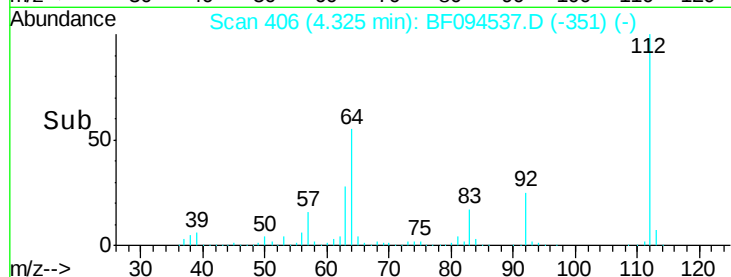
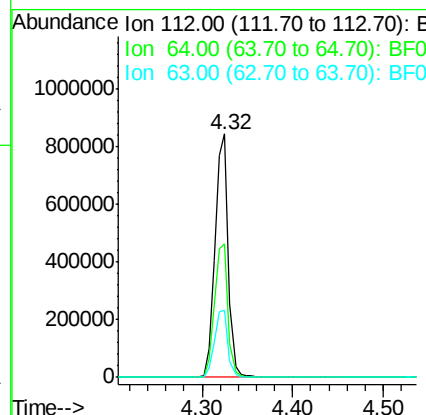
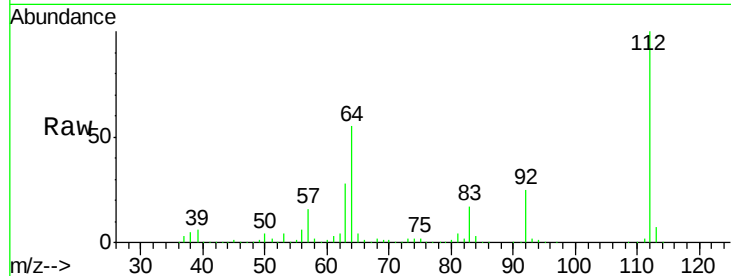
ClientSampleId :

PB98356BS

Tot Ion:	112	Resp:	864104
Ion Ratio	Lower	Upper	
112	100		
64	54.9	46.0	69.0
63	27.6	23.4	35.0

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#6

Aniline

Concen: 29.81 ng

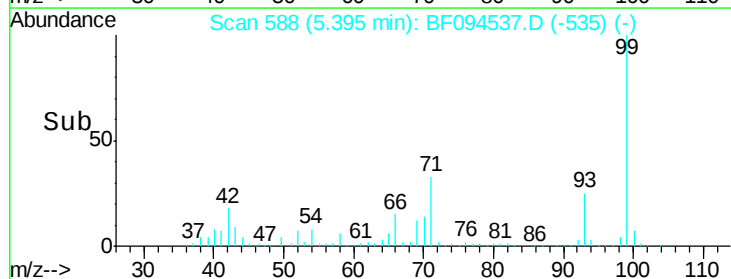
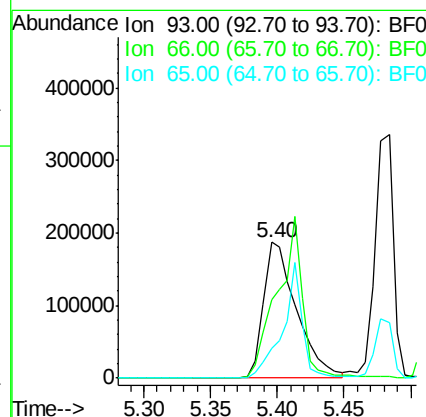
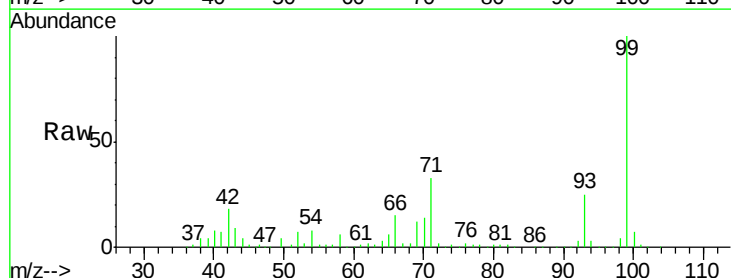
RT: 5.40 min Scan# 588

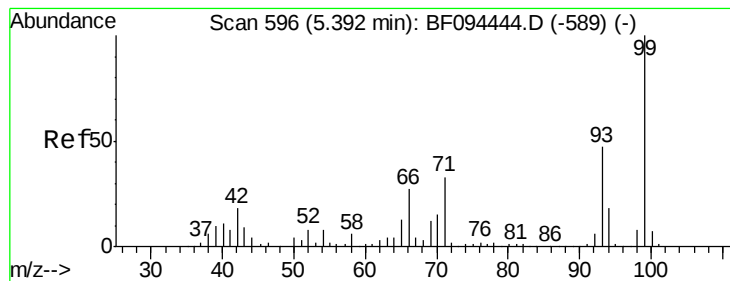
Delta R.T. 0.01 min

Lab File: BF094537.D

Acq: 20 Apr 2017 11:47

Tgt Ion:	93	Resp:	322905
Ion Ratio	Lower	Upper	
93	100		
66	58.1	32.9	49.3#
65	22.1	16.0	24.0





#7

Phenol-d6

Concen: 129.21 ng

RT: 5.40 min Scan# 589

Delta R.T. 0.01 min

Lab File: BF094537.D

Acq: 20 Apr 2017 11:47

Instrument :

BNA_F

ClientSampled :

PB98356BS

Tot Ion: 99 Resp: 1053029

Ion Ratio Lower Upper

99 100

42 17.4 13.5 20.3

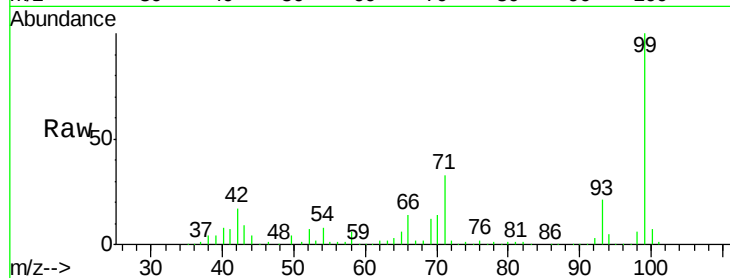
71 33.2 24.5 36.7

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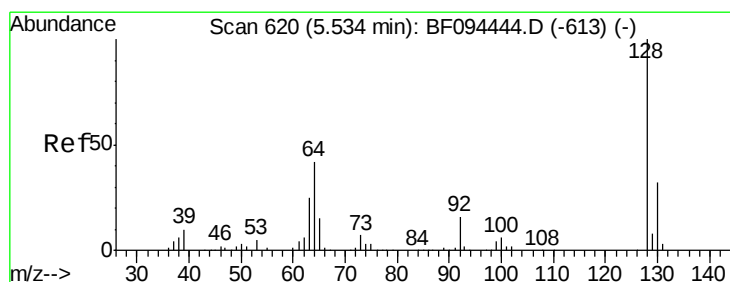
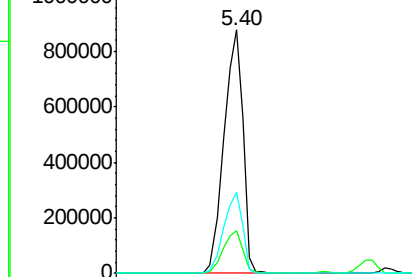
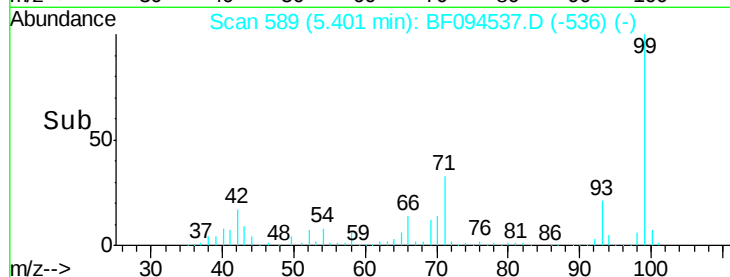
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Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 42.66 ng

RT: 5.54 min Scan# 613

Delta R.T. 0.01 min

Lab File: BF094537.D

Acq: 20 Apr 2017 11:47

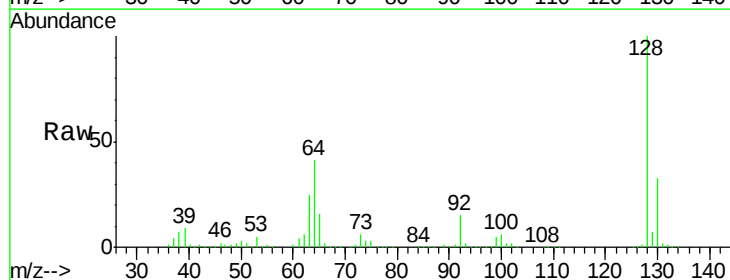
Tgt Ion: 128 Resp: 335570

Ion Ratio Lower Upper

128 100

130 33.3 12.9 52.9

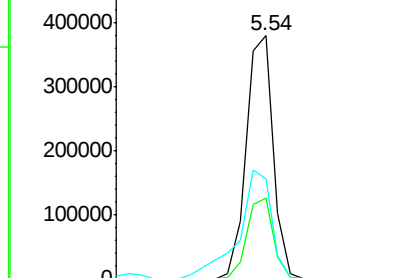
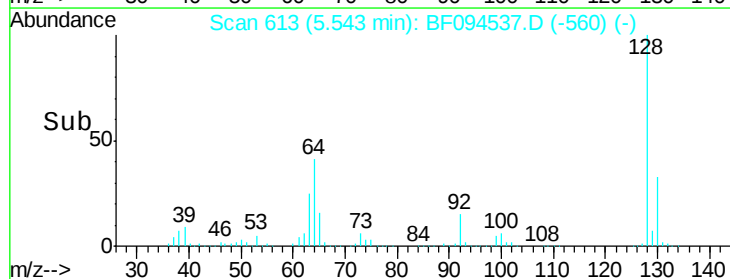
64 41.2 28.4 68.4

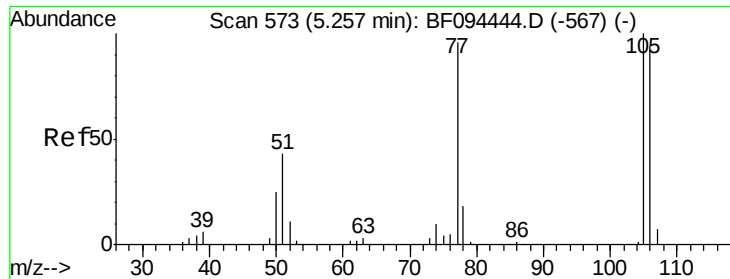


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





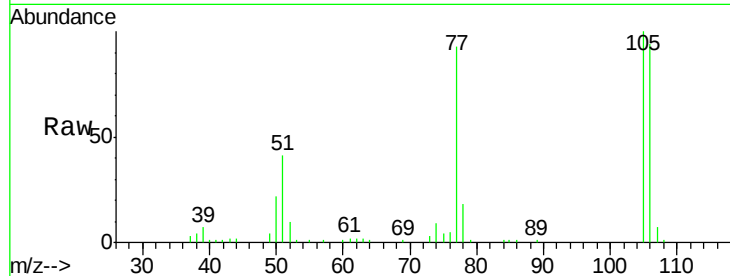
#9
Benzaldehyde
Concen: 8.40 ng
RT: 5.27 min Scan# 566
Delta R.T. 0.01 min
Lab File: BF094537.D
Acq: 20 Apr 2017 11:47

Instrument :
BNA_F
ClientSampleId :
PB98356BS

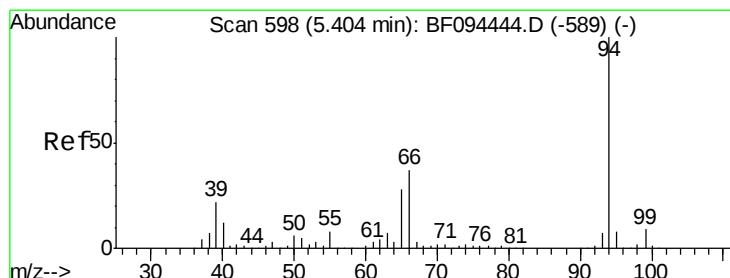
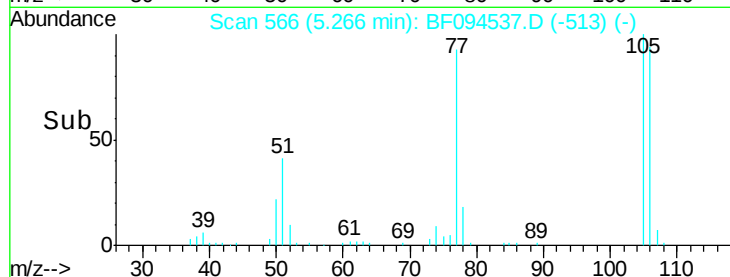
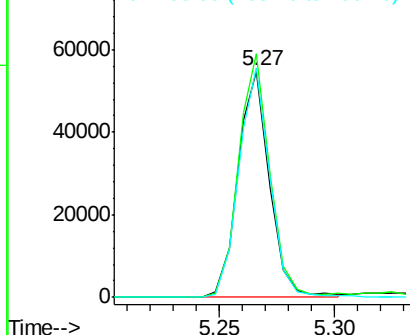
Tot Ion	Ratio	Lower	Upper
77	100		
105	107.7	83.8	123.8
106	101.4	79.1	119.1

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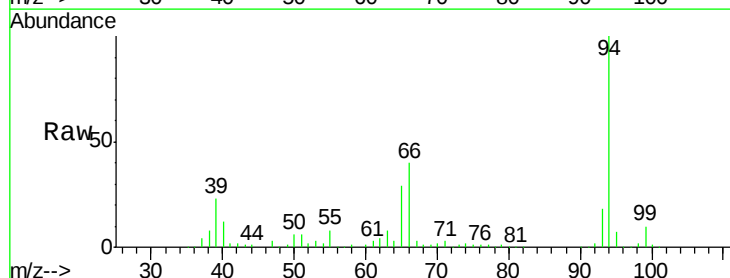


Abundance Ion 77.00 (76.70 to 77.70): BF0
Ion 105.00 (104.70 to 105.70): BF0
Ion 106.00 (105.70 to 106.70): BF0

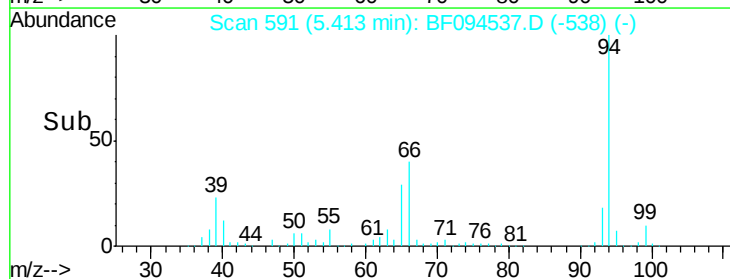
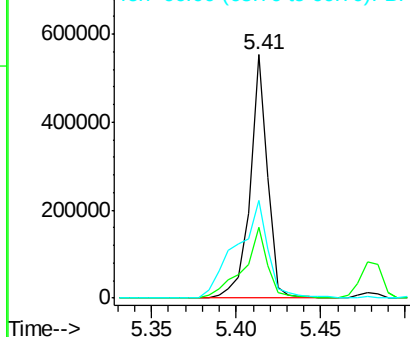


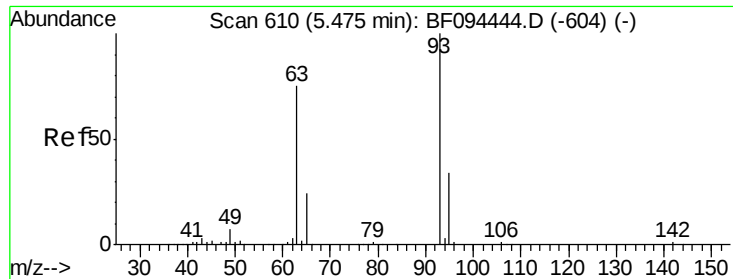
#10
Phenol
Concen: 40.19 ng
RT: 5.41 min Scan# 591
Delta R.T. 0.01 min
Lab File: BF094537.D
Acq: 20 Apr 2017 11:47

Tgt Ion	Ratio	Lower	Upper
94	100		
65	28.8	9.9	49.9
66	40.3	23.1	63.1



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





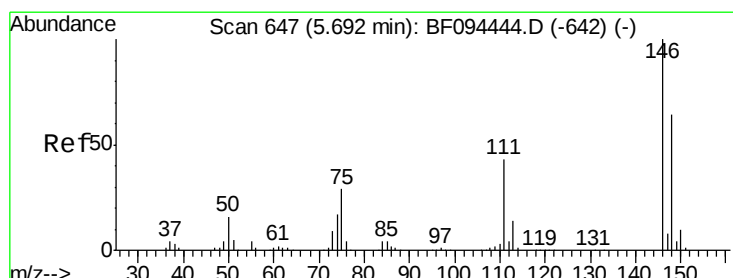
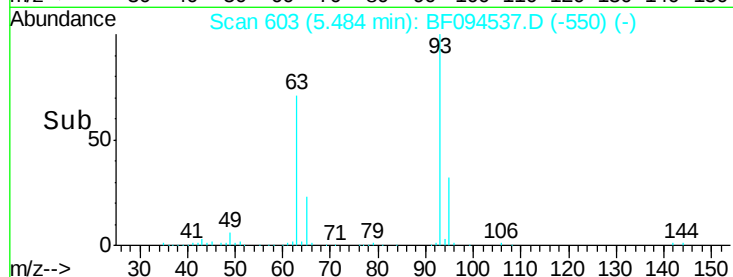
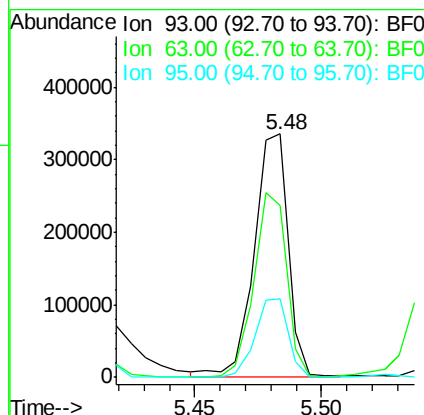
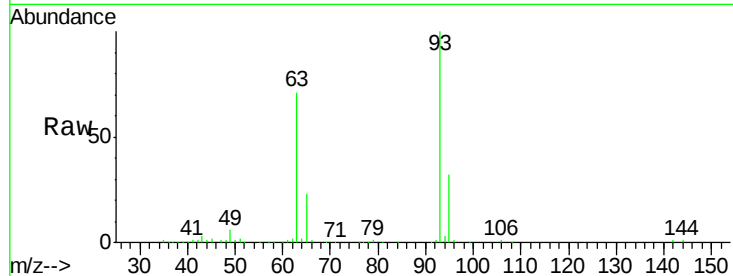
#11
bis(2-Chloroethyl)ether
Concen: 43.28 ng
RT: 5.48 min Scan# 603
Delta R.T. 0.01 min
Lab File: BF094537.D
Acq: 20 Apr 2017 11:47

Instrument :
BNA_F
ClientSampleId :
PB98356BS

Tot Ion:	93	Resp:	316566
Ion Ratio	Lower	Upper	
93	100		
63	70.8	59.2	99.2
95	32.0	12.8	52.8

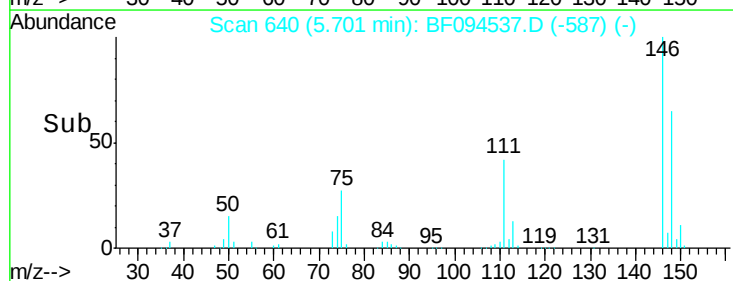
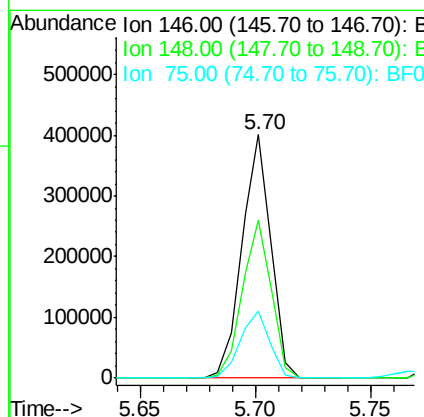
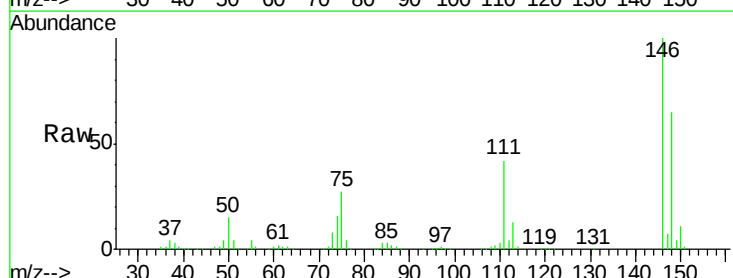
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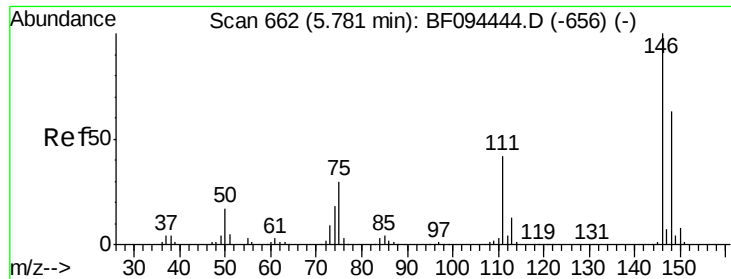
mohammad
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#12
1,3-Dichlorobenzene
Concen: 39.91 ng
RT: 5.70 min Scan# 640
Delta R.T. 0.01 min
Lab File: BF094537.D
Acq: 20 Apr 2017 11:47

Tgt Ion:	146	Resp:	347844
Ion Ratio	Lower	Upper	
146	100		
148	64.9	51.8	77.6
75	27.5	23.1	34.7





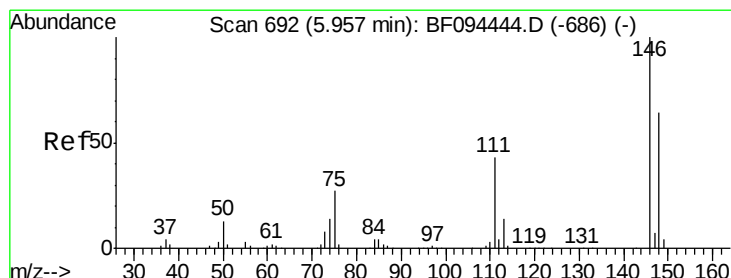
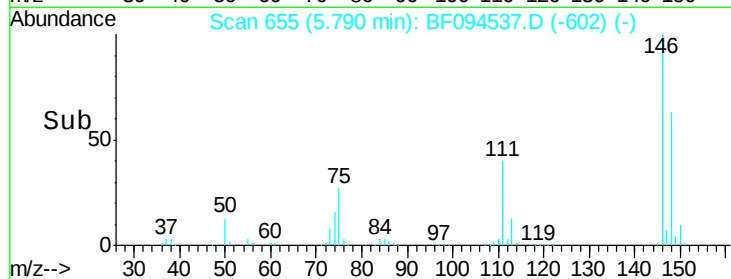
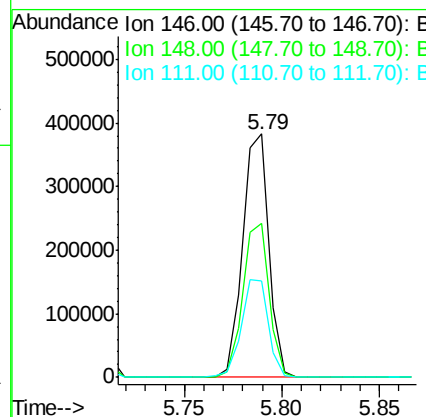
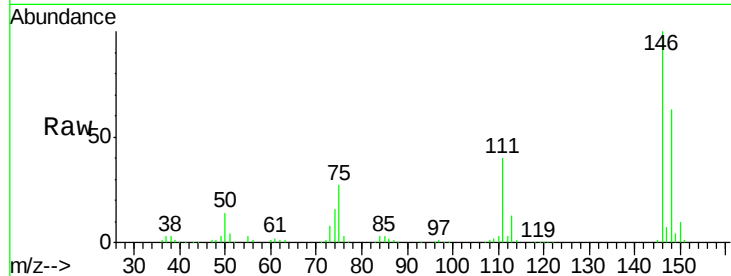
#13
 1,4-Dichlorobenzene
 Concen: 40.56 ng
 RT: 5.79 min Scan# 655
 Delta R.T. 0.01 min
 Lab File: BF094537.D
 Acq: 20 Apr 2017 11:47

Instrument :
 BNA_F
 ClientSampleId :
 PB98356BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.4	52.2	78.2
111	39.6	30.3	45.5

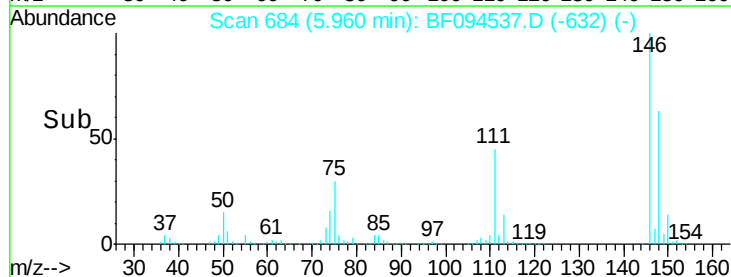
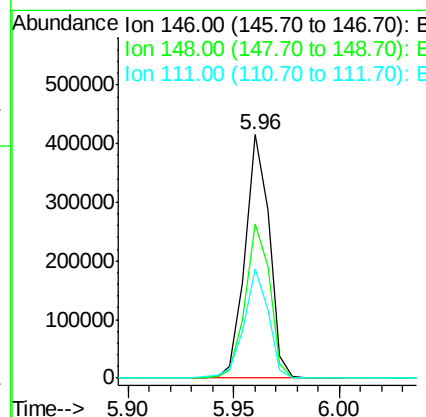
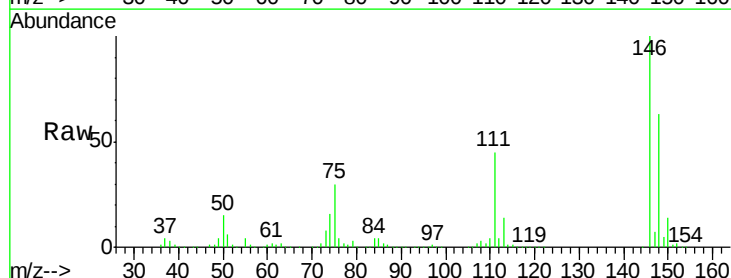
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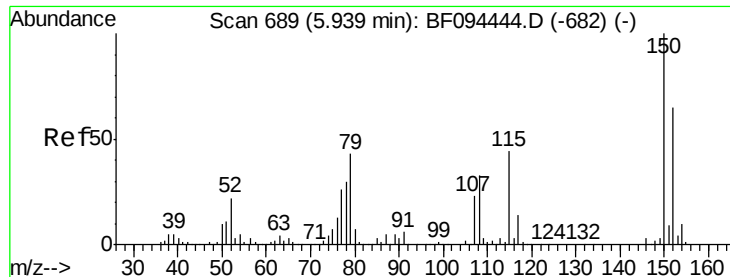
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#14
 1,2-Dichlorobenzene
 Concen: 40.56 ng
 RT: 5.96 min Scan# 684
 Delta R.T. 0.00 min
 Lab File: BF094537.D
 Acq: 20 Apr 2017 11:47

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.3	50.4	75.6
111	44.8	38.2	57.4





#15

Benzyl Alcohol

Concen: 41.72 ng

RT: 5.95 min Scan# 682

Delta R.T. 0.01 min

Lab File: BF094537.D

Acq: 20 Apr 2017 11:47

Instrument :

BNA_F

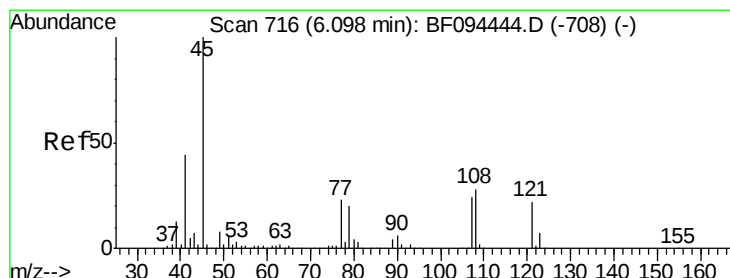
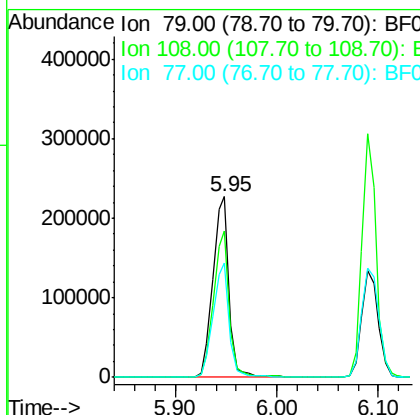
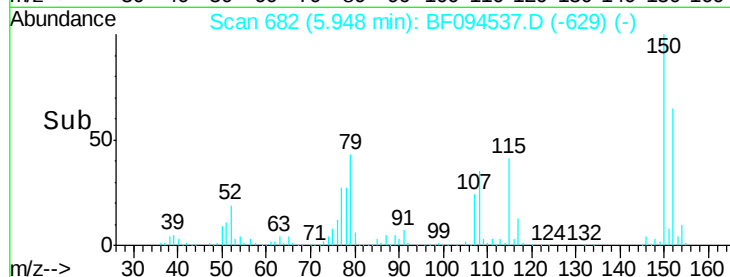
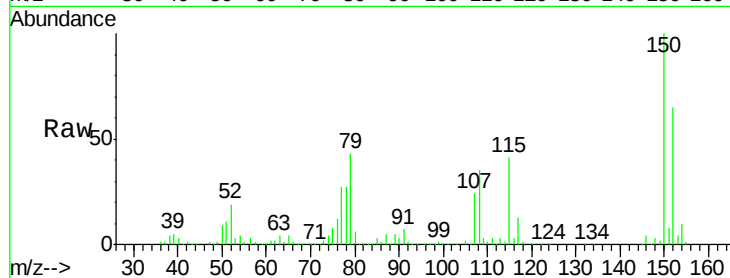
ClientSampleId :

PB98356BS

Tot Ion	Ratio	Lower	Upper
79	100		
108	81.2	63.4	95.0
77	63.0	49.2	73.8

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 41.58 ng

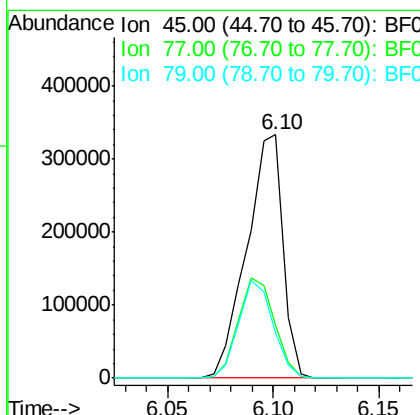
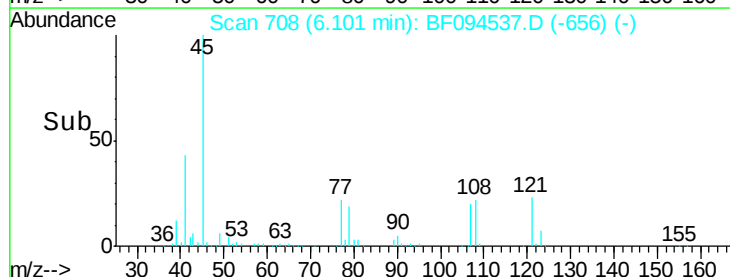
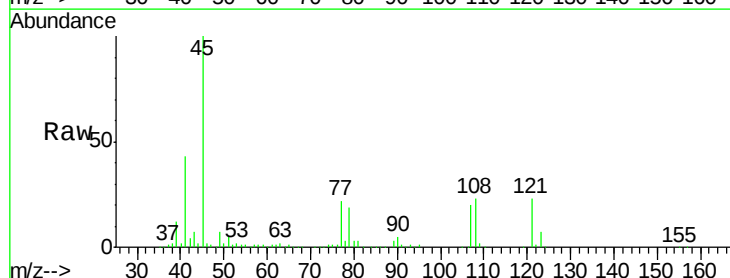
RT: 6.10 min Scan# 708

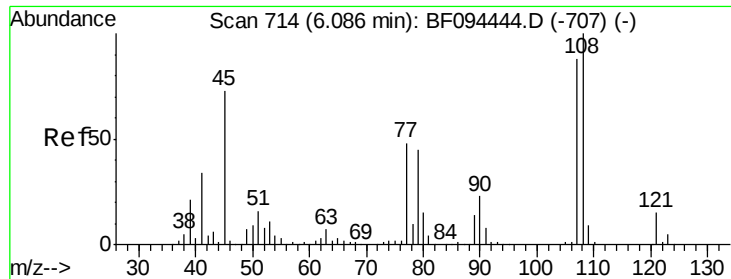
Delta R.T. 0.00 min

Lab File: BF094537.D

Acq: 20 Apr 2017 11:47

Tgt Ion	Ratio	Lower	Upper
45	100		
77	21.8	0.0	33.2
79	18.6	0.0	30.0





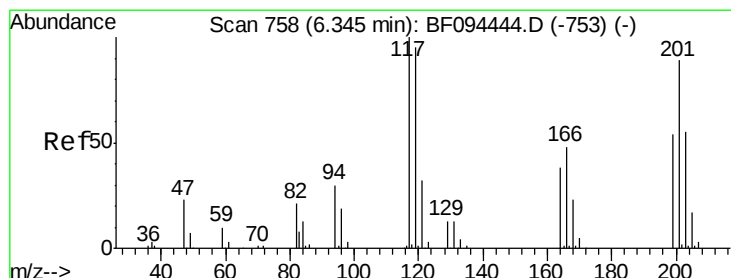
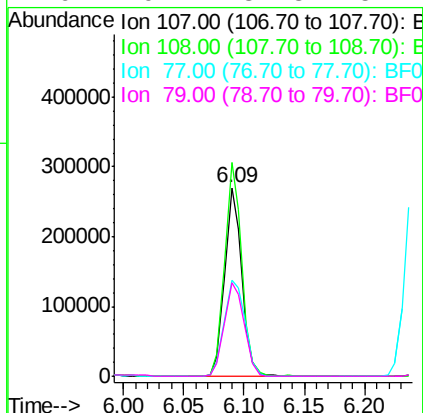
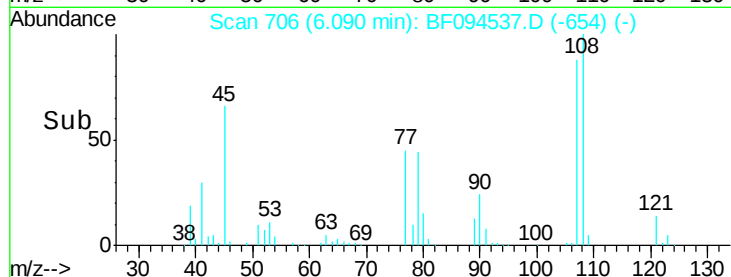
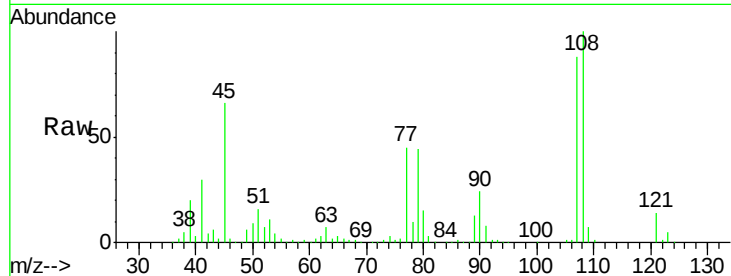
#17
2-Methylphenol
Concen: 42.51 ng
RT: 6.09 min Scan# 706
Delta R.T. 0.00 min
Lab File: BF094537.D
Acq: 20 Apr 2017 11:47

Instrument :
BNA_F
ClientSampleId :
PB98356BS

Tot Ion	Ratio	Resp	Lower	Upper
107	100	263399		
108	113.5	93.4	140.0	
77	51.2	35.8	53.6	
79	49.7	34.8	52.2	

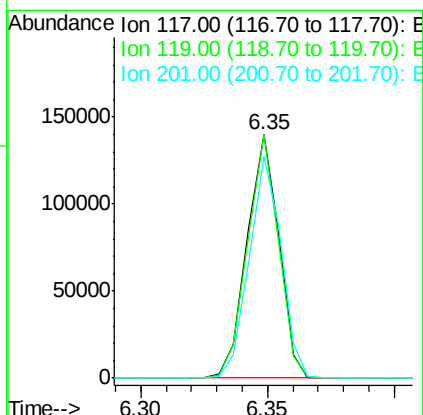
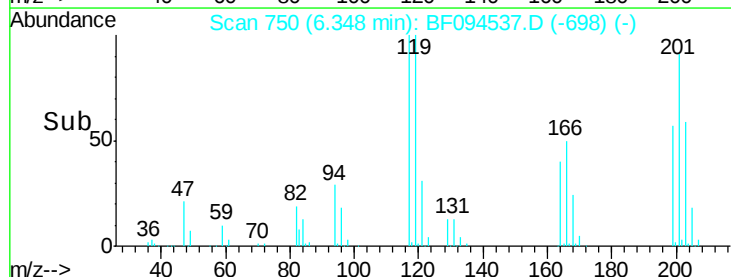
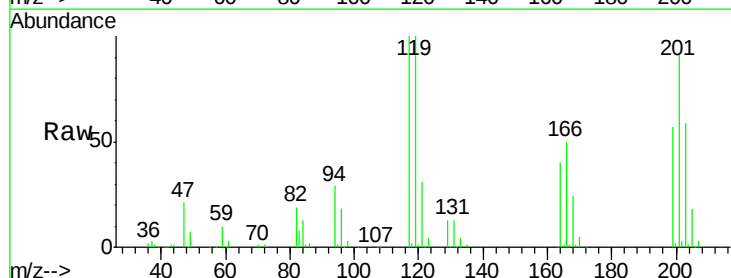
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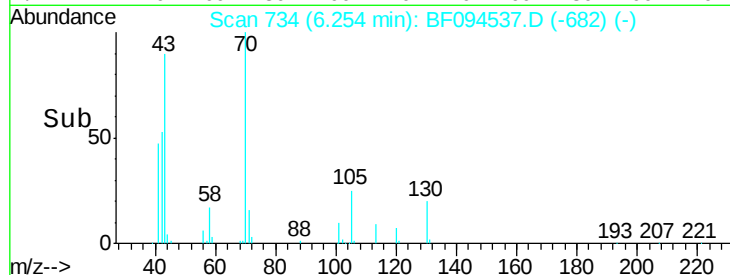
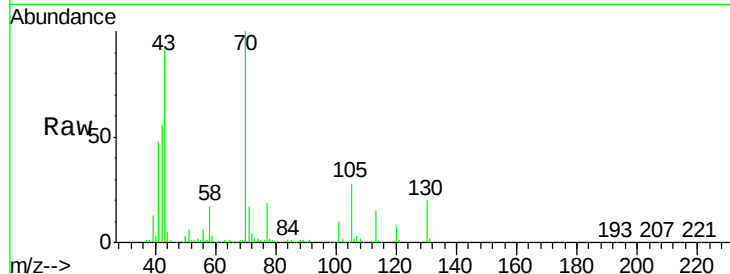
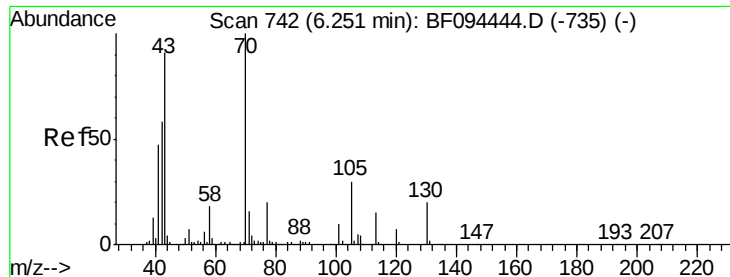
mohammad
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#18
Hexachloroethane
Concen: 40.76 ng
RT: 6.35 min Scan# 750
Delta R.T. 0.00 min
Lab File: BF094537.D
Acq: 20 Apr 2017 11:47

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	122507		
119	99.8	77.4	116.0	
201	91.2	94.6	141.8#	





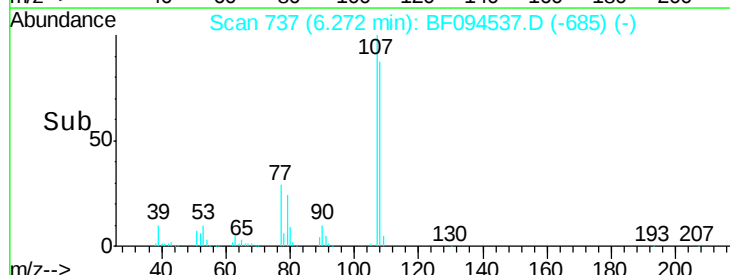
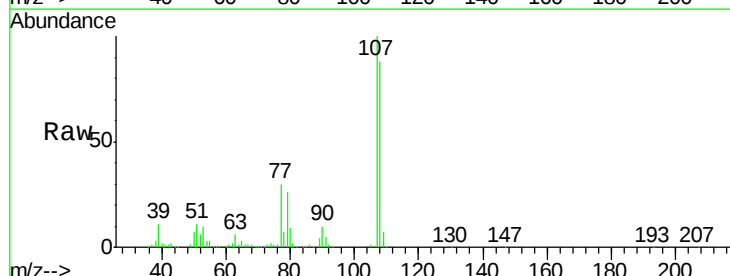
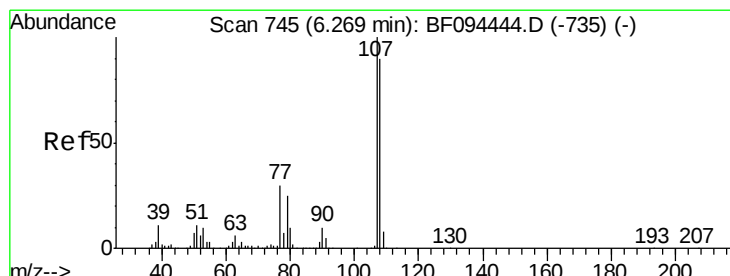
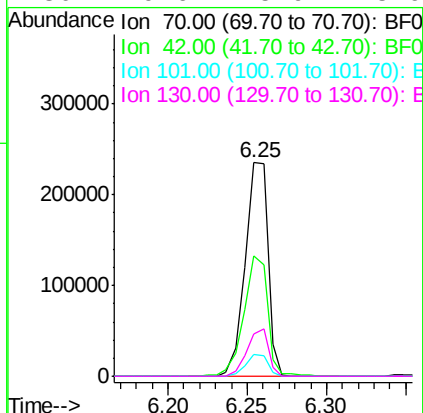
#19
n-Nitroso-di-n-propylamine
Concen: 43.44 ng
RT: 6.25 min Scan# 734
Delta R.T. 0.00 min
Lab File: BF094537.D
Acq: 20 Apr 2017 11:47

Instrument :
BNA_F
ClientSampleId :
PB98356BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100		234581		
42	56.1	47.2	70.8		
101	10.1	7.2	10.8		
130	19.6	15.9	23.9		

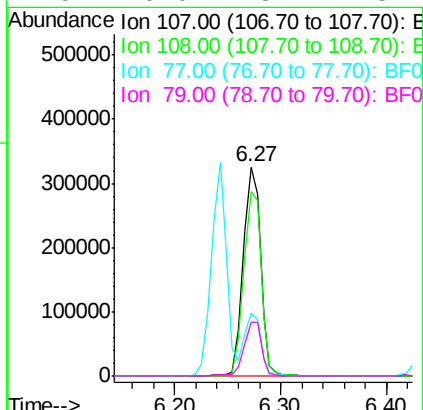
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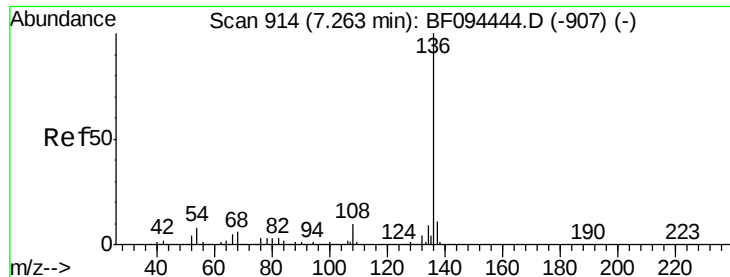
mohammad
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#20
3+4-Methylphenols
Concen: 43.76 ng
RT: 6.27 min Scan# 737
Delta R.T. 0.00 min
Lab File: BF094537.D
Acq: 20 Apr 2017 11:47

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100		368408		
108	88.3	71.0	111.0		
77	30.0	90.5	130.5#		
79	26.0	8.4	48.4		





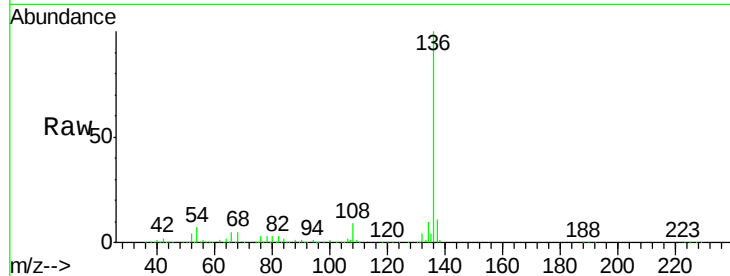
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.26 min Scan# 905
Delta R.T. -0.00 min
Lab File: BF094537.D
Acq: 20 Apr 2017 11:47

Instrument :
BNA_F
ClientSampleId :
PB98356BS

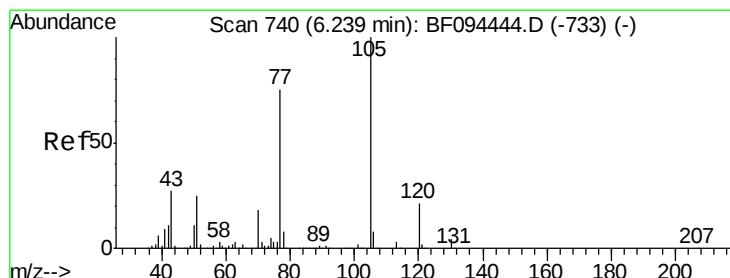
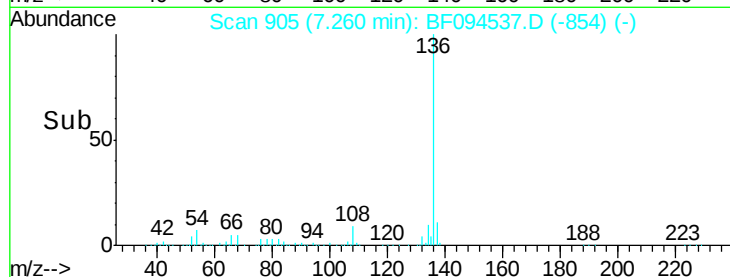
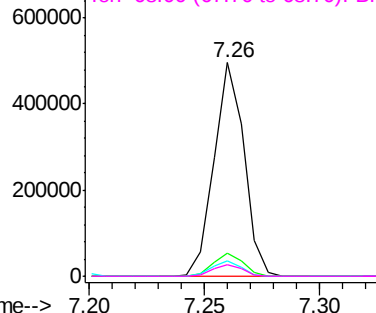
Tot Ion	Ratio	Resp	Lower	Upper
136	100	451402		
137	10.9		8.5	12.7
54	7.0		4.9	7.3
68	5.5		4.1	6.1

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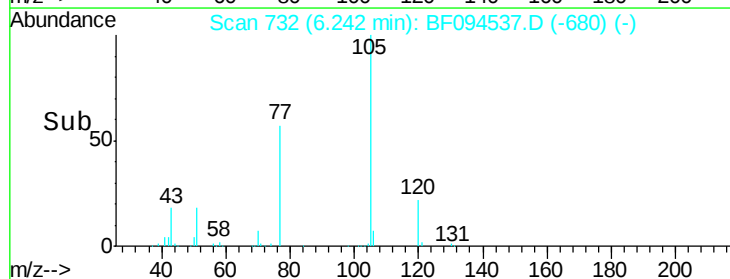
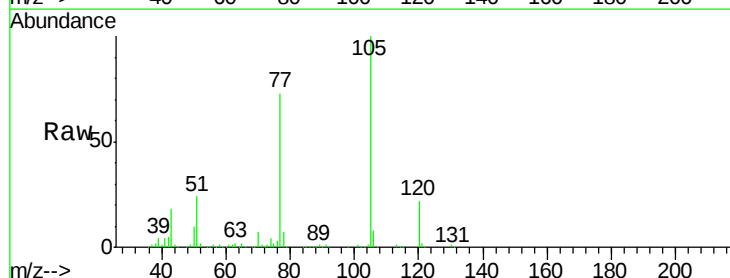
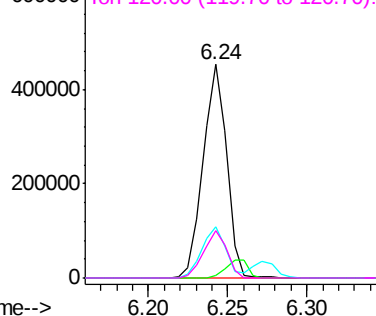
Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

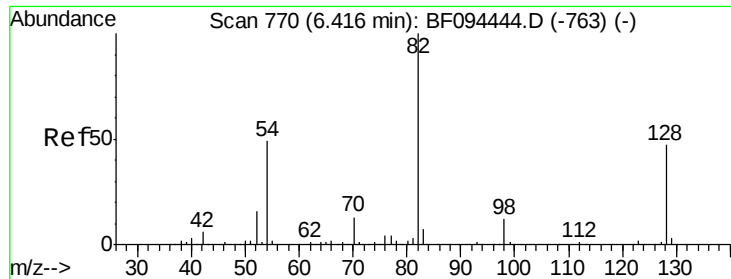


#22
Acetophenone
Concen: 42.50 ng
RT: 6.24 min Scan# 732
Delta R.T. 0.00 min
Lab File: BF094537.D
Acq: 20 Apr 2017 11:47

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	466451		
71	1.2		2.8	4.2#
51	24.2		30.7	46.1#
120	22.4		17.4	26.0

Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BF0
Ion 51.00 (50.70 to 51.70): BF0
Ion 120.00 (119.70 to 120.70): E





#23

Nitrobenzene-d5

Concen: 89.16 ng

RT: 6.42 min Scan# 762

Delta R.T. 0.00 min

Lab File: BF094537.D

Acq: 20 Apr 2017 11:47

Instrument :

BNA_F

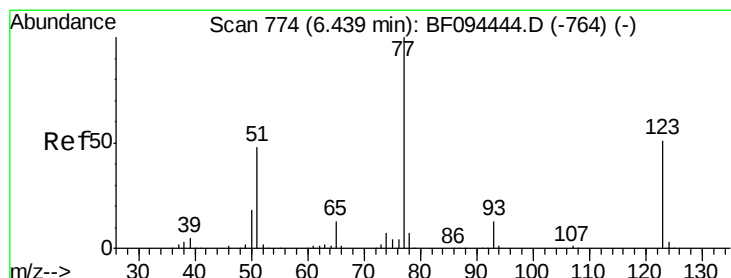
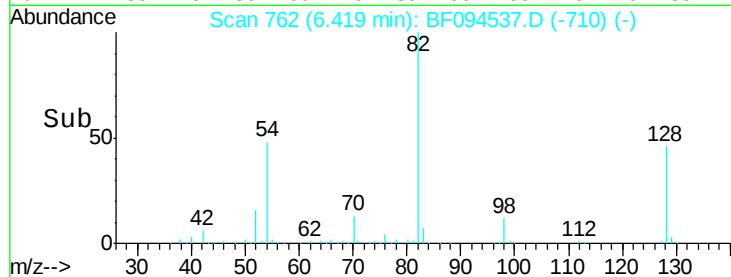
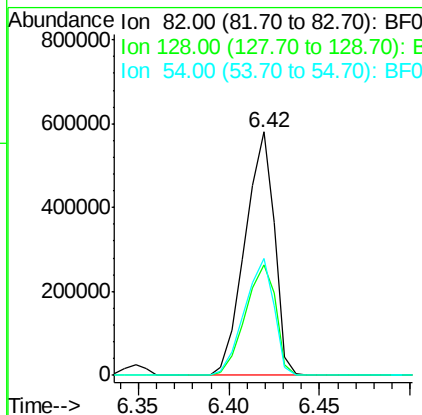
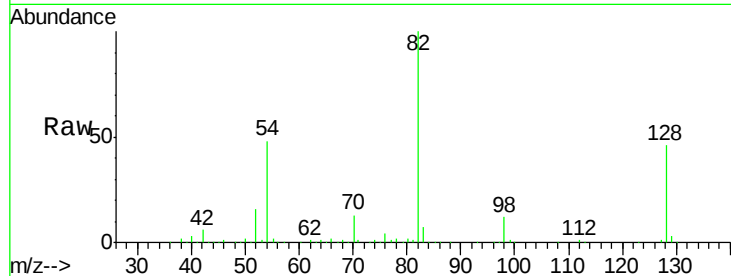
ClientSampleId :

PB98356BS

Tot Ion:	82	Resp:	651773
Ion Ratio	Lower	Upper	
82	100		
128	45.5	34.0	51.0
54	48.0	42.2	63.2

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#24

Nitrobenzene

Concen: 42.92 ng

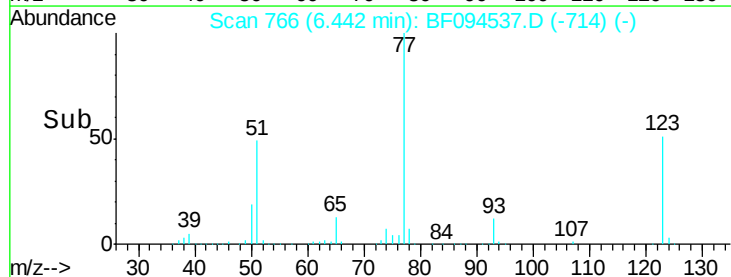
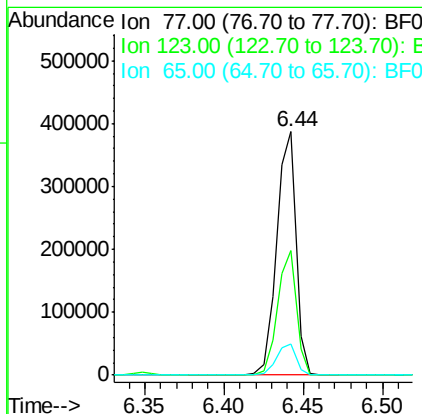
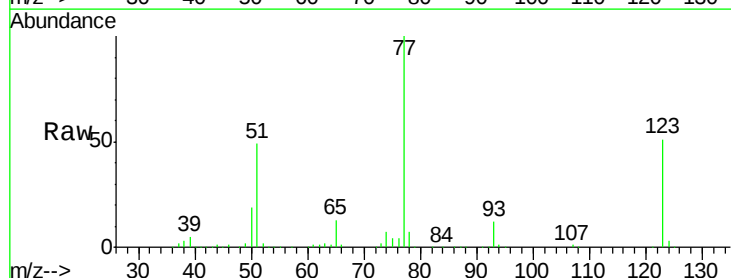
RT: 6.44 min Scan# 766

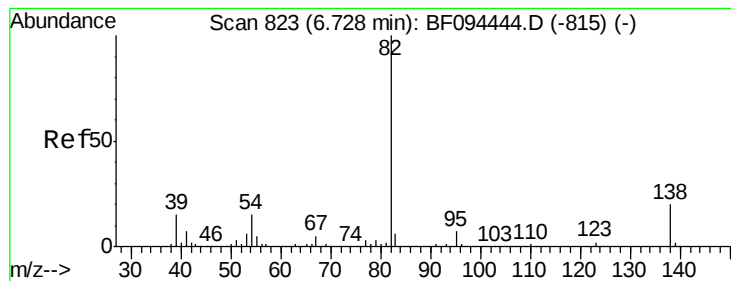
Delta R.T. 0.00 min

Lab File: BF094537.D

Acq: 20 Apr 2017 11:47

Tgt Ion:	77	Resp:	330385
Ion Ratio	Lower	Upper	
77	100		
123	51.4	35.8	53.8
65	12.7	10.6	15.8





#25

Isophorone

Concen: 43.93 ng

RT: 6.73 min Scan# 815

Delta R.T. 0.00 min

Lab File: BF094537.D

Acq: 20 Apr 2017 11:47

Instrument :

BNA_F

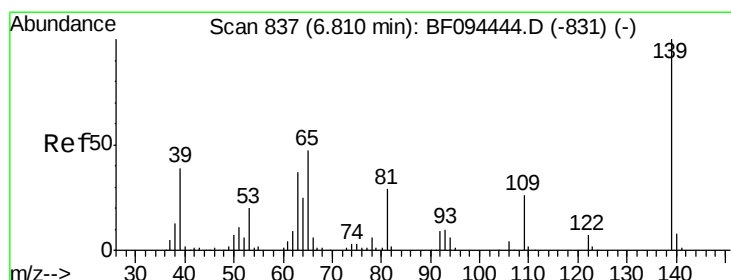
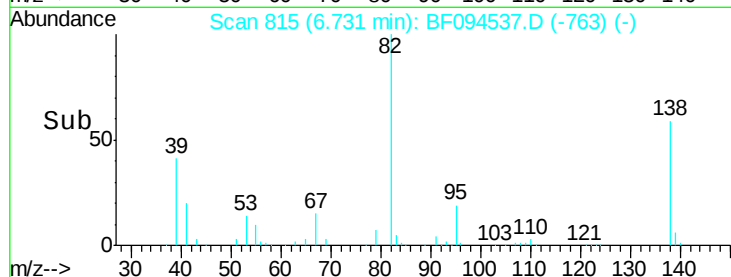
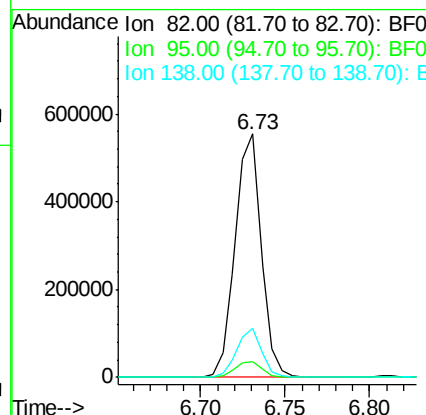
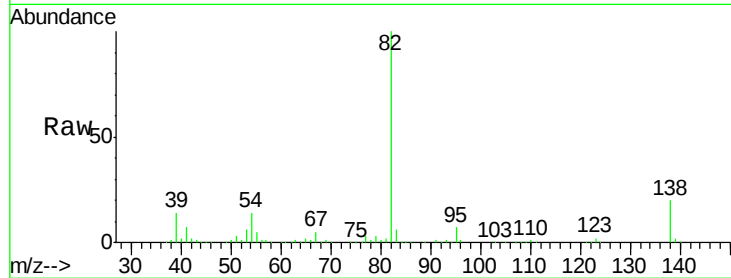
ClientSampleId :

PB98356BS

Tot Ion	82	Resp	595260
Ion Ratio	Lower	Upper	
82	100		
95	6.6	5.3	7.9
138	20.2	13.1	19.7

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#26

2-Nitrophenol

Concen: 45.32 ng

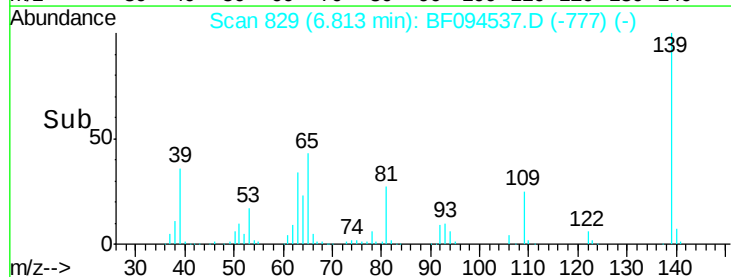
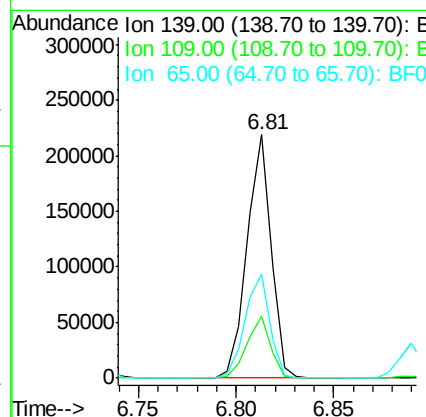
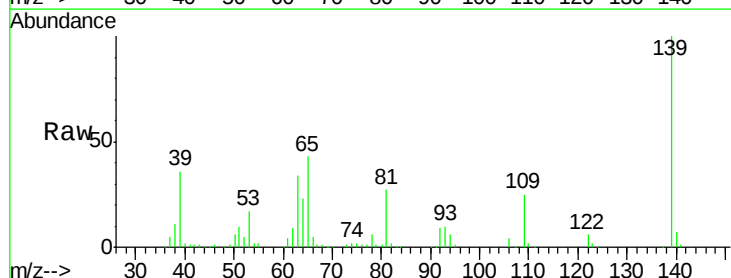
RT: 6.81 min Scan# 829

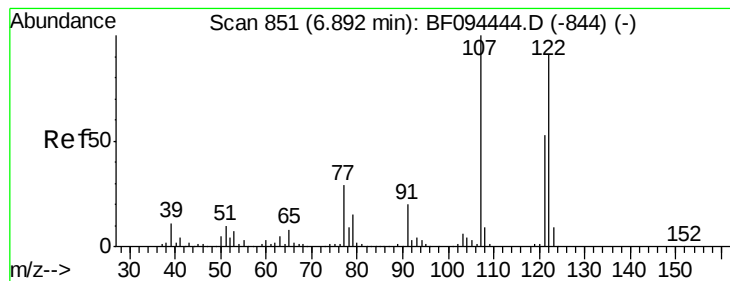
Delta R.T. 0.00 min

Lab File: BF094537.D

Acq: 20 Apr 2017 11:47

Tgt Ion	139	Resp	187448
Ion Ratio	Lower	Upper	
139	100		
109	25.5	21.0	31.6
65	42.8	33.0	49.6





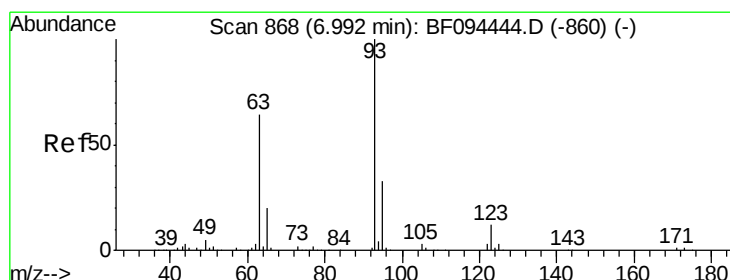
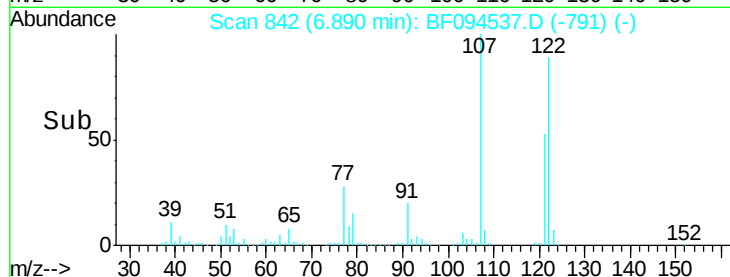
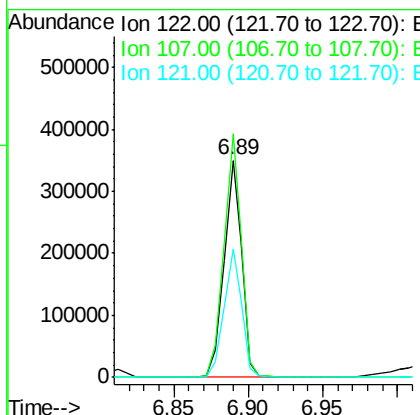
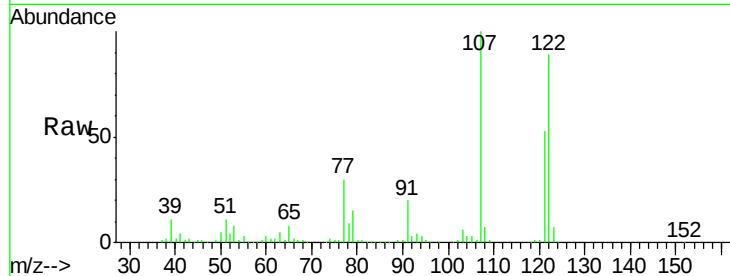
#27
 2,4-Dimethylphenol
 Concen: 43.98 ng
 RT: 6.89 min Scan# 842
 Delta R.T. -0.00 min
 Lab File: BF094537.D
 Acq: 20 Apr 2017 11:47

Instrument :
 BNA_F
 ClientSampleID :
 PB98356BS

Tot Ion	Ratio	Resp	Lower	Upper
122	100	295473		
107	112.3	89.2	133.8	
121	59.1	45.2	67.8	

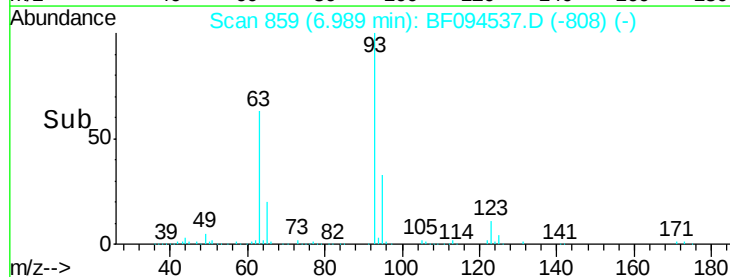
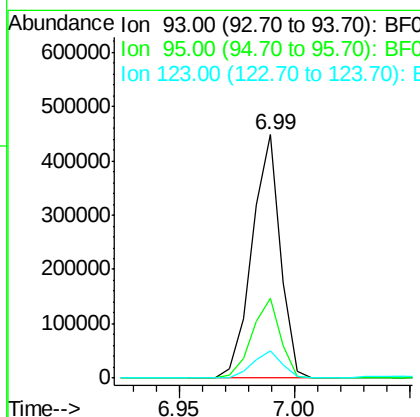
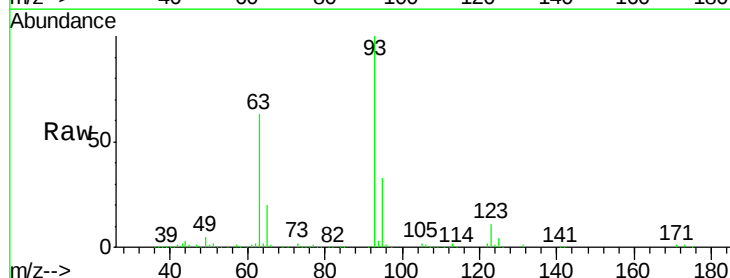
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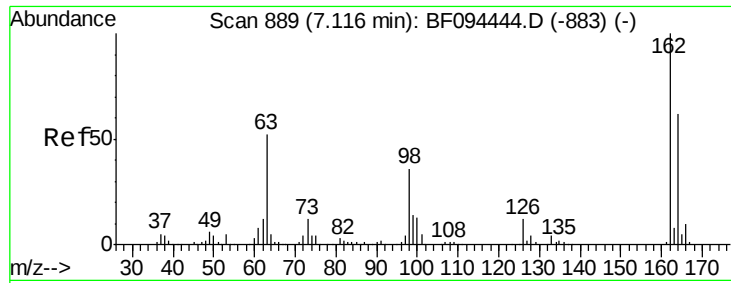
mohammad
 4/21/2017 11:35:56 AM



#28
 bis(2-Chloroethoxy)methane
 Concen: 43.64 ng
 RT: 6.99 min Scan# 859
 Delta R.T. -0.00 min
 Lab File: BF094537.D
 Acq: 20 Apr 2017 11:47

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	382500		
95	32.5	26.5	39.7	
123	11.1	9.0	13.4	





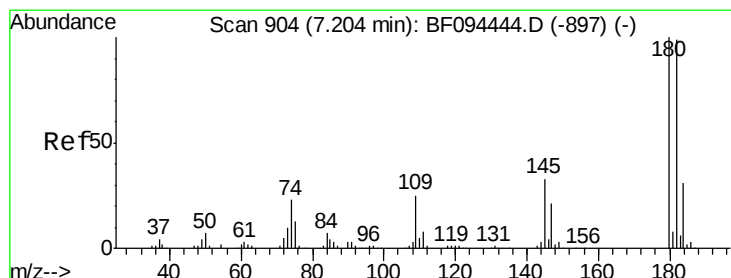
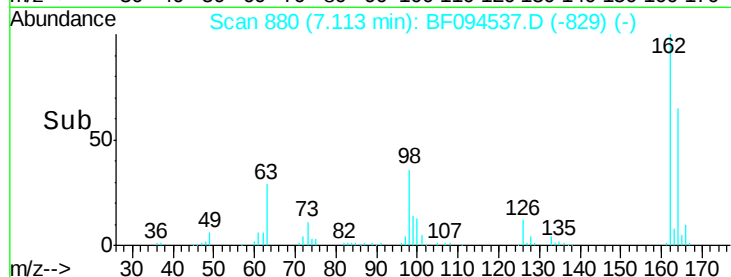
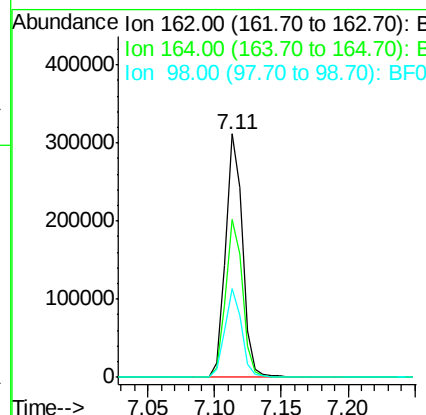
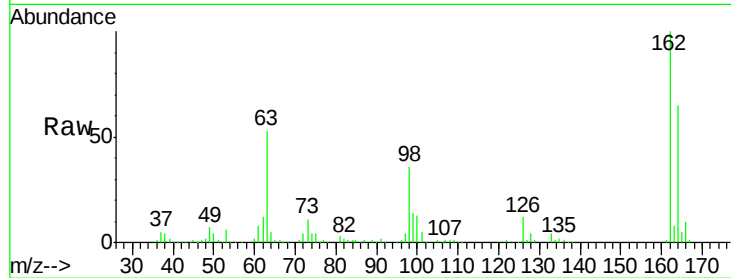
#29
 2,4-Dichlorophenol
 Concen: 45.11 ng
 RT: 7.11 min Scan# 880
 Delta R.T. -0.00 min
 Lab File: BF094537.D
 Acq: 20 Apr 2017 11:47

Instrument :
 BNA_F
 ClientSampleId :
 PB98356BS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	281918		
164	64.7	44.6	84.6	
98	36.5	14.8	54.8	

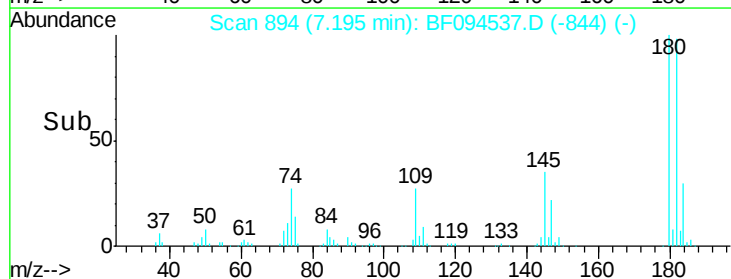
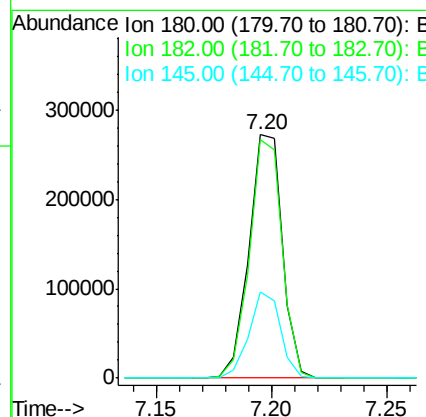
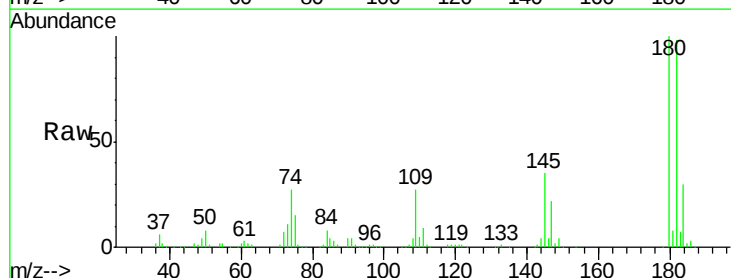
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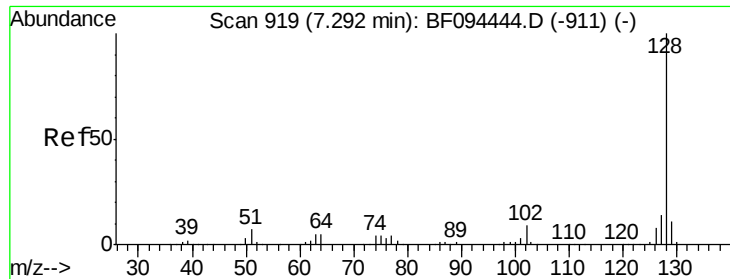
mohammad
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#30
 1,2,4-Trichlorobenzene
 Concen: 42.62 ng
 RT: 7.20 min Scan# 894
 Delta R.T. -0.01 min
 Lab File: BF094537.D
 Acq: 20 Apr 2017 11:47

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	275360		
182	97.7	75.8	113.6	
145	35.3	25.3	37.9	





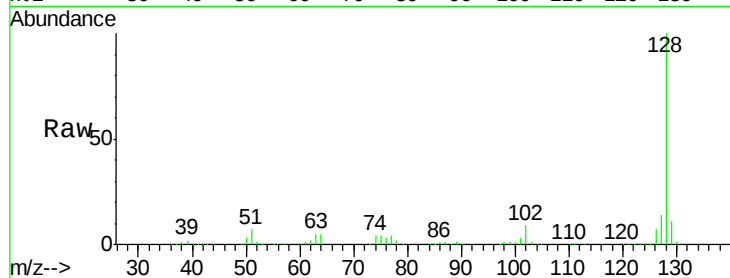
#31
Naphthalene
Concen: 42.40 ng
RT: 7.29 min Scan# 910
Delta R.T. -0.00 min
Lab File: BF094537.D
Acq: 20 Apr 2017 11:47

Instrument :
BNA_F
ClientSampleId :
PB98356BS

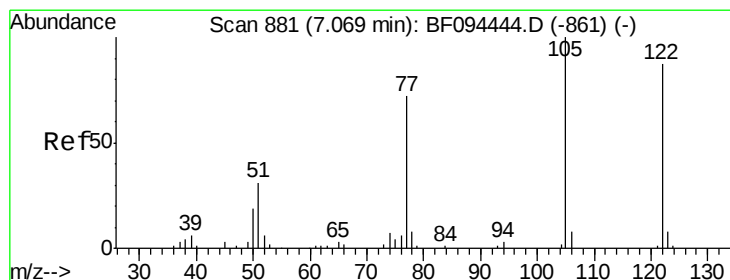
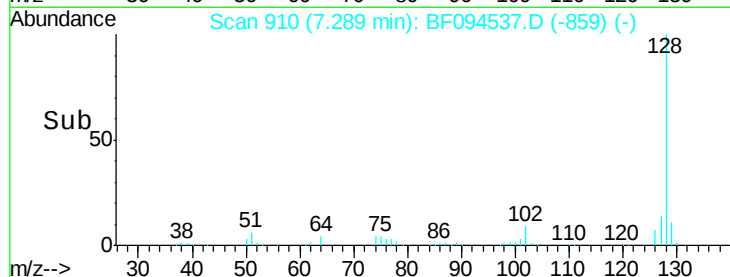
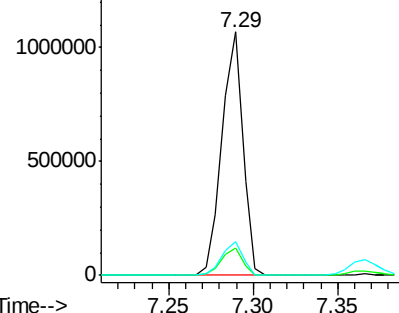
Tot Ion	Ratio	Resp	Lower	Upper
128	100			
129	11.1	9.0	13.6	
127	13.6	10.8	16.2	

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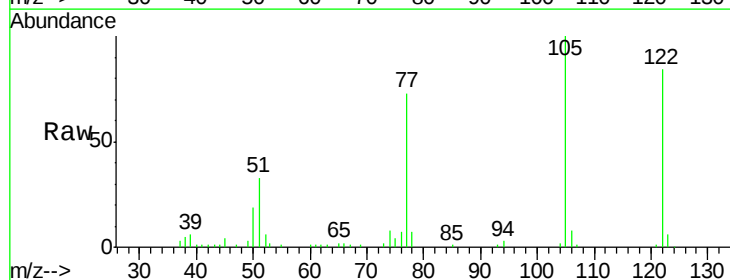


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

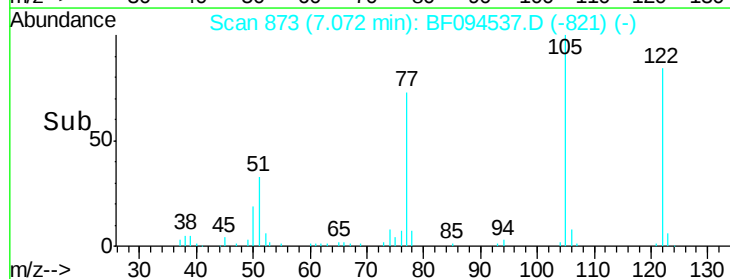
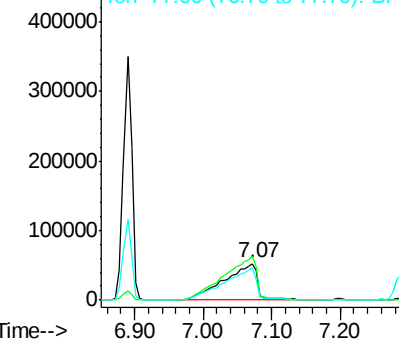


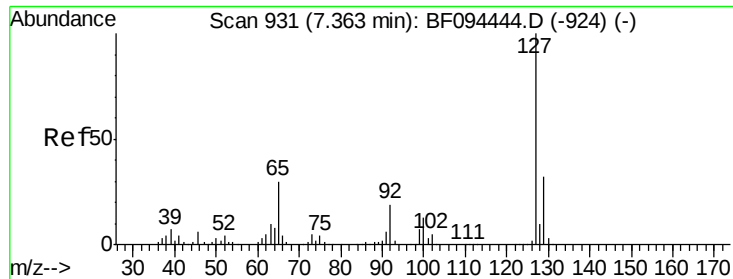
#32
Benzoic acid
Concen: 50.76 ng
RT: 7.07 min Scan# 873
Delta R.T. 0.00 min
Lab File: BF094537.D
Acq: 20 Apr 2017 11:47

Tgt Ion	Ratio	Resp	Lower	Upper
122	100			
105	119.4	103.3	143.3	
77	87.6	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





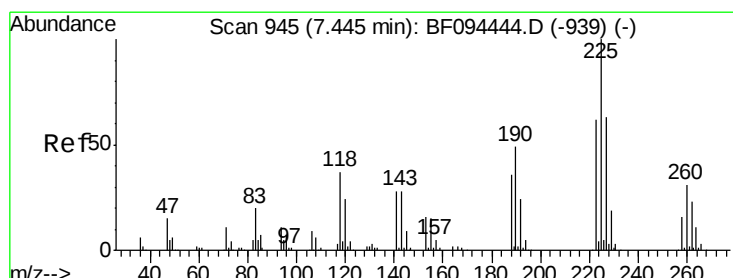
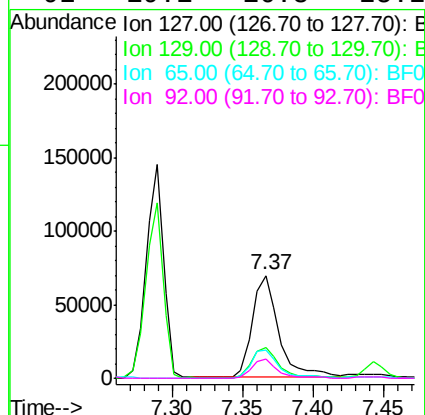
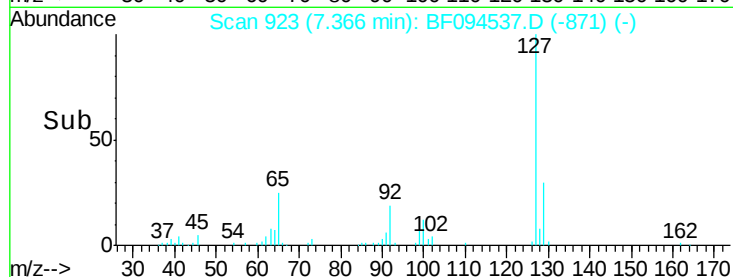
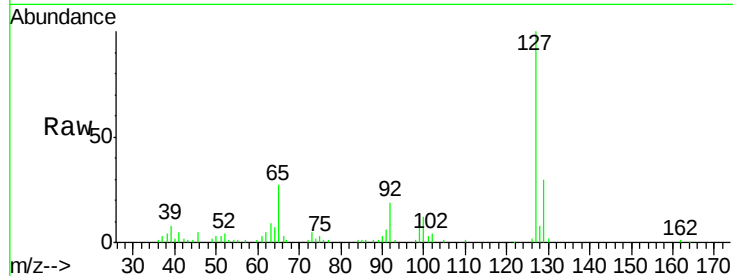
#33
4-Chloroaniline
Concen: 10.15 ng
RT: 7.37 min Scan# 923
Delta R.T. 0.00 min
Lab File: BF094537.D
Acq: 20 Apr 2017 11:47

Instrument :
BNA_F
ClientSampleId :
PB98356BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	29.9	26.2	39.2		
65	27.4	27.8	41.8		
92	19.1	16.8	25.2		

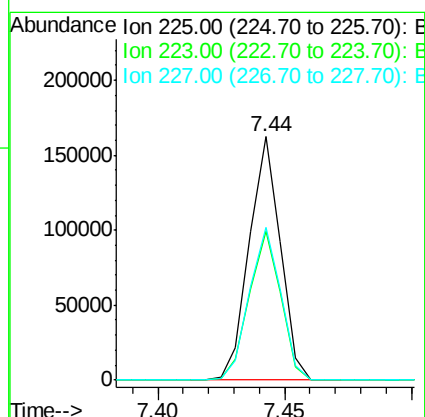
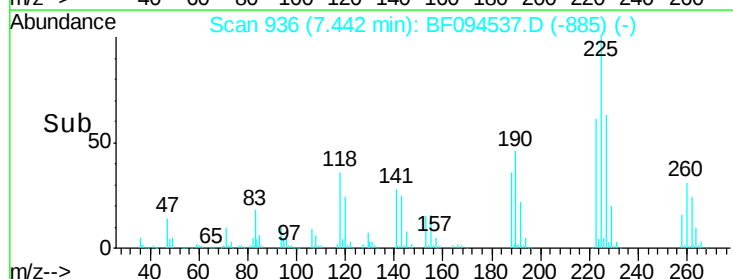
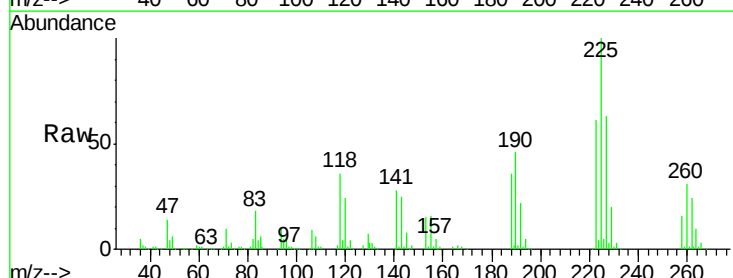
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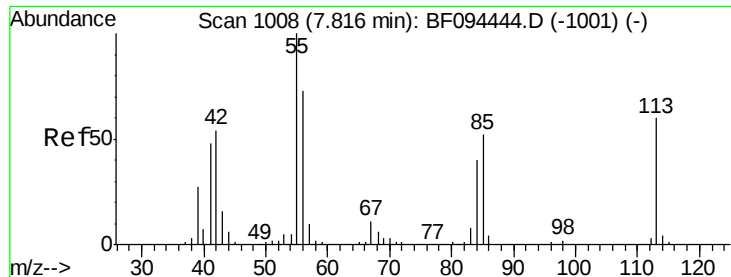
mohammad
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#34
Hexachlorobutadiene
Concen: 43.06 ng
RT: 7.44 min Scan# 936
Delta R.T. -0.00 min
Lab File: BF094537.D
Acq: 20 Apr 2017 11:47

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	60.9	48.8	73.2		
227	62.7	51.1	76.7		





#35

Caprolactam

Concen: 49.21 ng/mL

RT: 7.83 min Scan# 1002

Delta R.T. 0.01 min

Lab File: BF094537.D

Acq: 20 Apr 2017 11:47

Instrument :

BNA_F

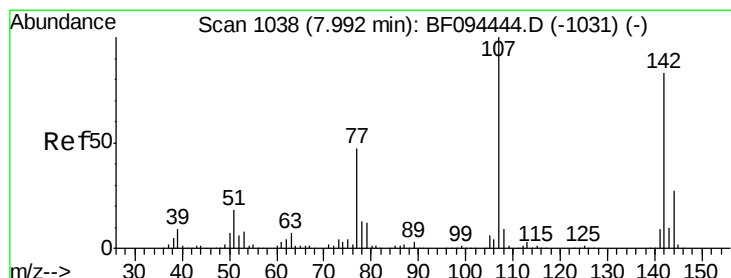
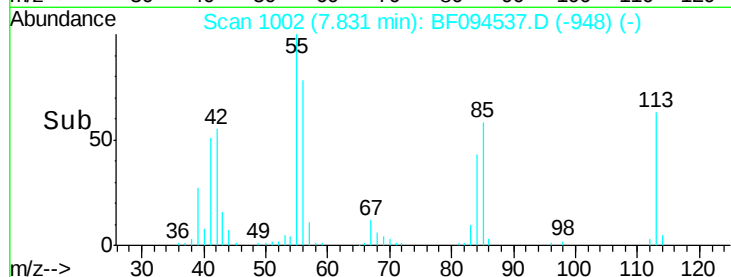
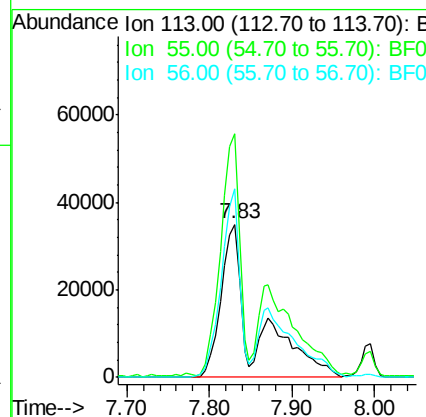
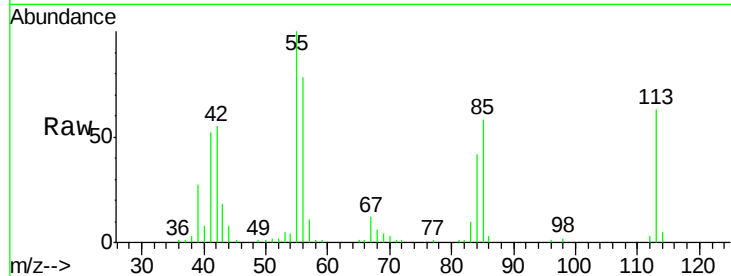
ClientSampleID :

PB98356BS

Tot Ion	Ratio	Lower	Upper
113	100		
55	159.0	150.2	190.2
56	123.5	107.8	147.8

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#36

4-Chloro-3-methylphenol

Concen: 46.30 ng/mL

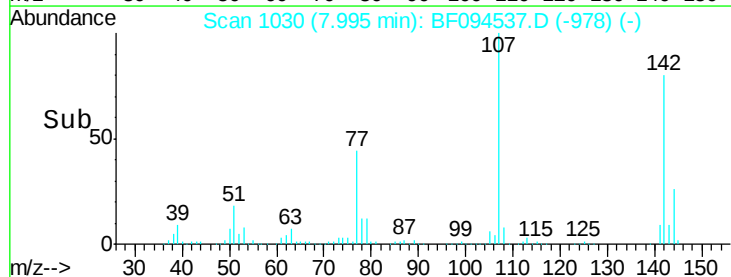
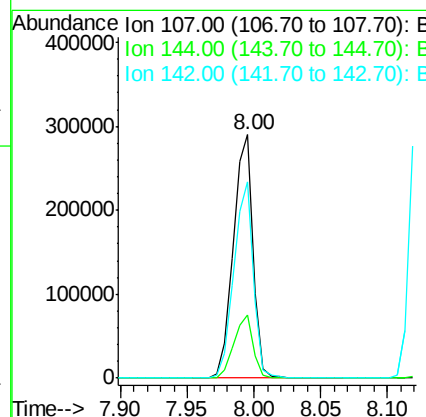
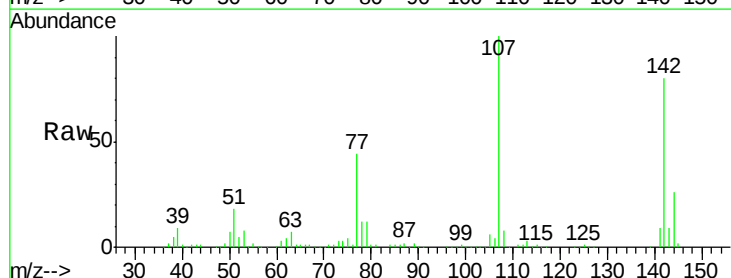
RT: 8.00 min Scan# 1030

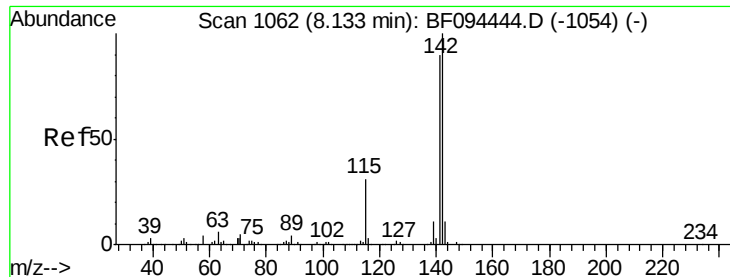
Delta R.T. 0.00 min

Lab File: BF094537.D

Acq: 20 Apr 2017 11:47

Tgt Ion	Ratio	Lower	Upper
107	100		
144	25.7	24.2	36.4
142	80.4	73.4	110.0





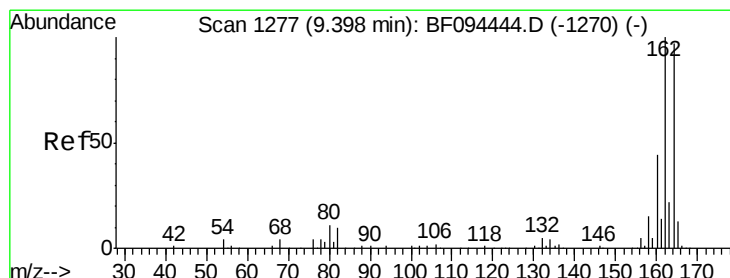
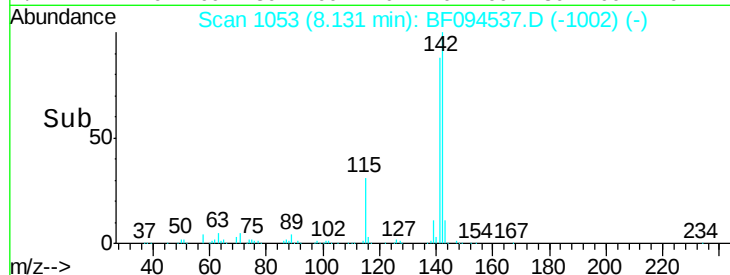
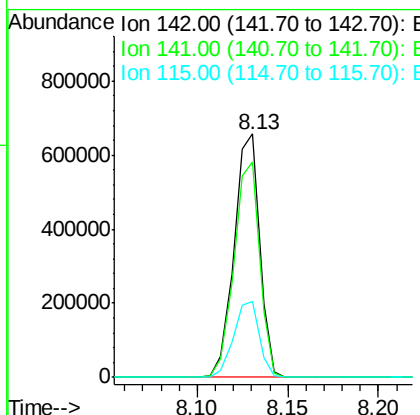
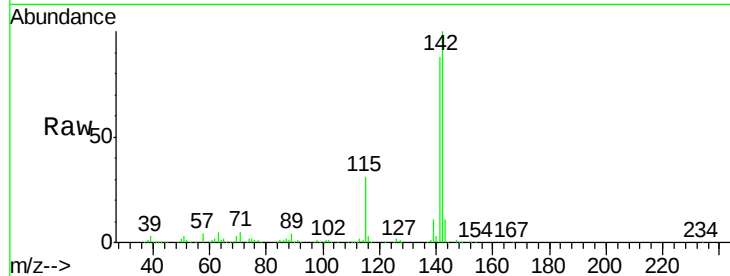
#37
 2-Methylnaphthalene
 Concen: 43.46 ng
 RT: 8.13 min Scan# 1053
 Delta R.T. -0.00 min
 Lab File: BF094537.D
 Acq: 20 Apr 2017 11:47

Instrument :
 BNA_F
 ClientSampleId :
 PB98356BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.3	71.3	106.9
115	31.2	27.1	40.7

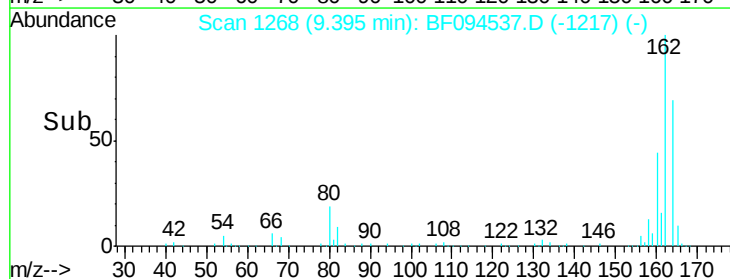
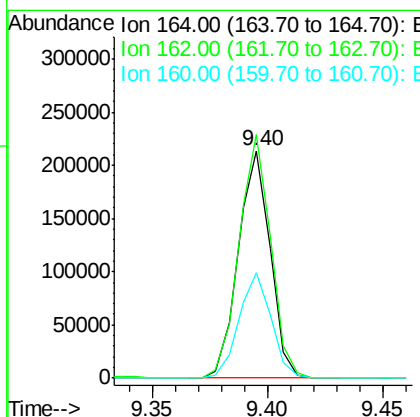
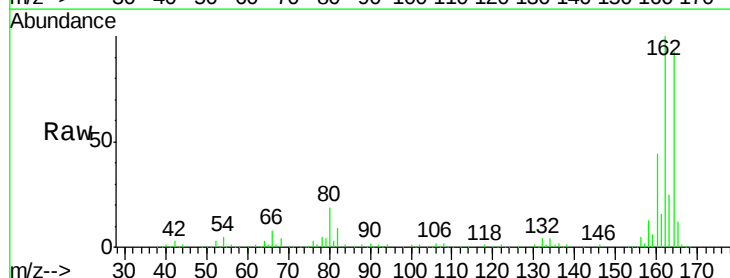
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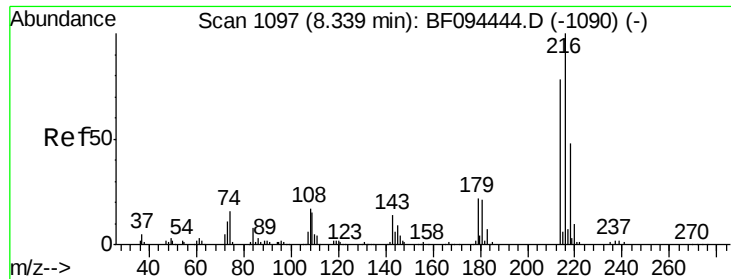
mohammad
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#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.40 min Scan# 1268
 Delta R.T. -0.00 min
 Lab File: BF094537.D
 Acq: 20 Apr 2017 11:47

Tgt Ion	Ratio	Lower	Upper
164	100		
162	107.1	82.6	123.8
160	46.6	36.2	54.2





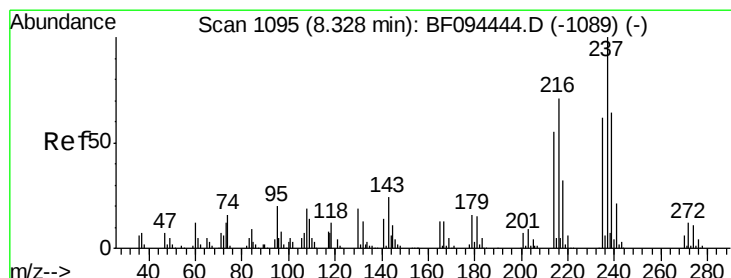
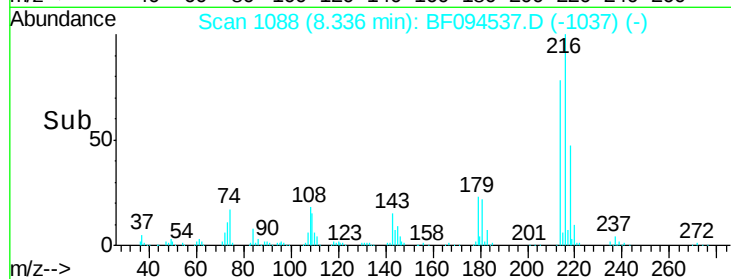
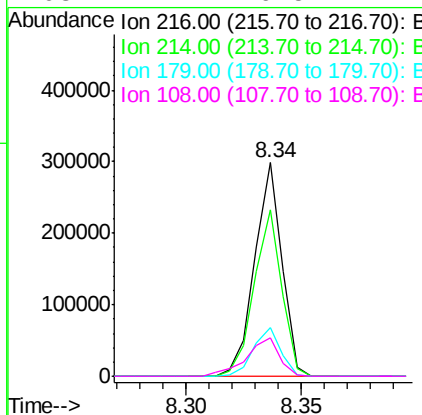
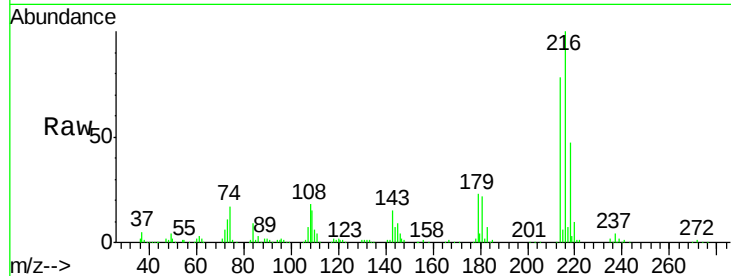
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 42.37 ng
 RT: 8.34 min Scan# 1088
 Delta R.T. -0.00 min
 Lab File: BF094537.D
 Acq: 20 Apr 2017 11:47

Instrument :
 BNA_F
 ClientSampleId :
 PB98356BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
216	100		247415		
214	78.9	63.4	95.2		
179	23.0	17.9	26.9		
108	22.1	16.5	24.7		

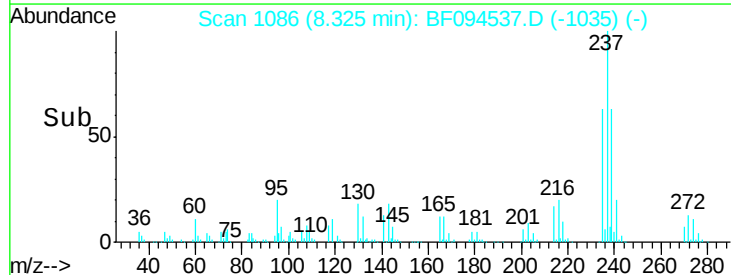
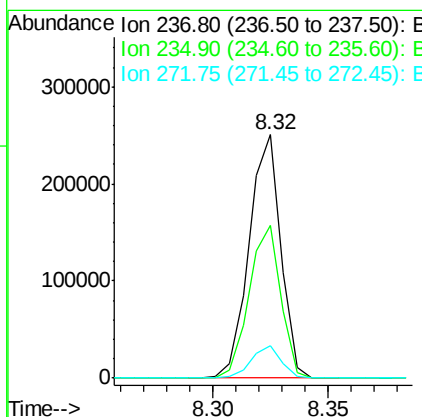
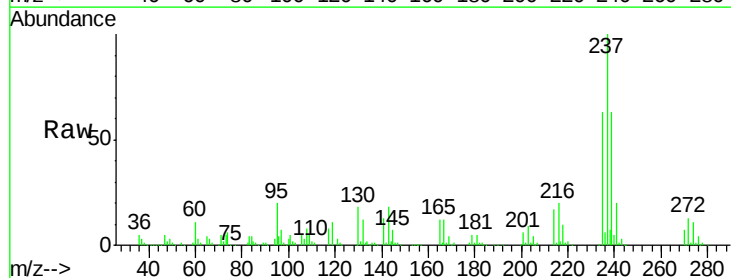
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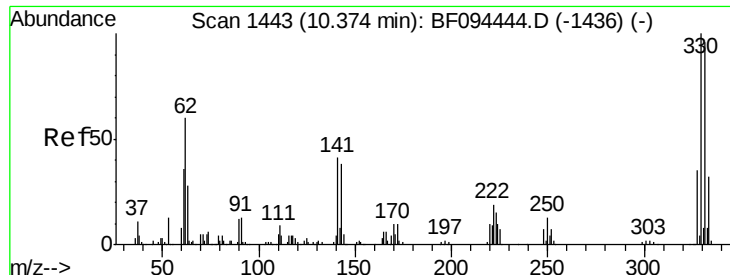
mohammad
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#40
 Hexachlorocyclopentadiene
 Concen: 101.52 ng
 RT: 8.32 min Scan# 1086
 Delta R.T. -0.00 min
 Lab File: BF094537.D
 Acq: 20 Apr 2017 11:47

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
237	100		239833		
235	62.7	42.6	82.6		
272	13.1	0.0	31.9		





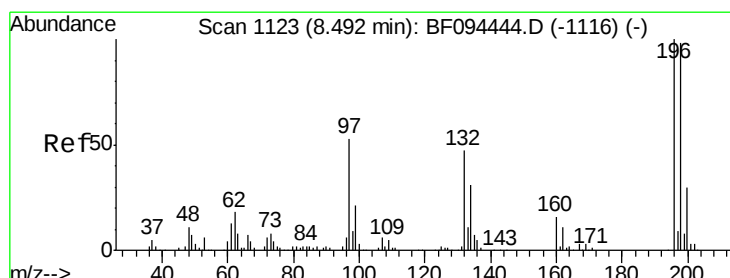
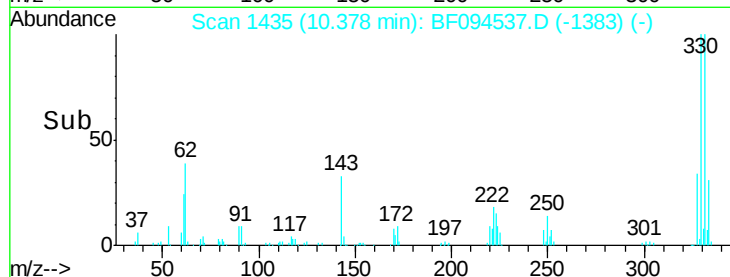
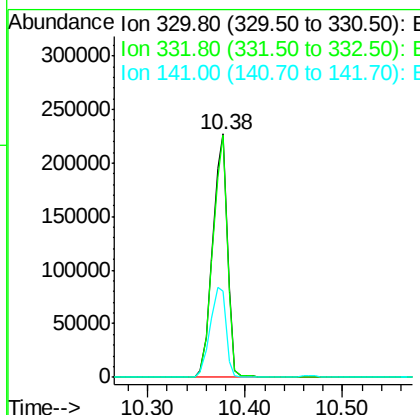
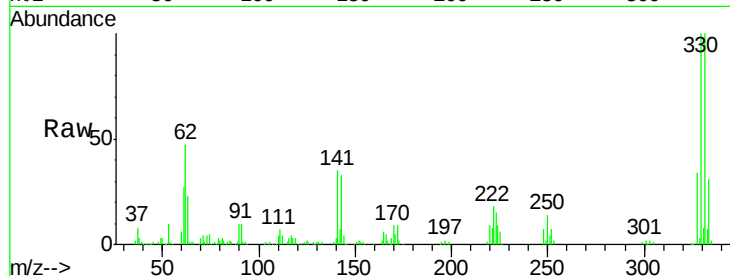
#41
 2,4,6-Tribromophenol
 Concen: 148.80 ng
 RT: 10.38 min Scan# 1435
 Delta R.T. 0.00 min
 Lab File: BF094537.D
 Acq: 20 Apr 2017 11:47

Instrument :
 BNA_F
 ClientSampleId :
 PB98356BS

Tot Ion	Ratio	Resp	Lower	Upper
330	100	238692		
332	97.4	76.6	115.0	
141	39.8	31.4	47.2	

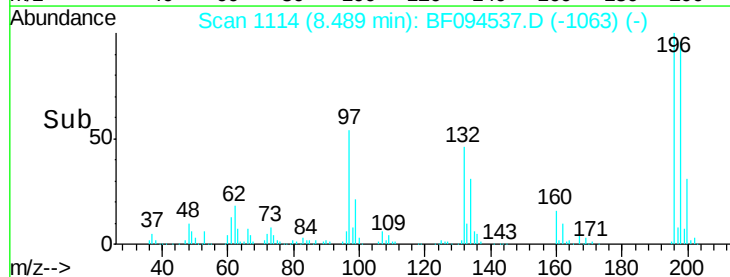
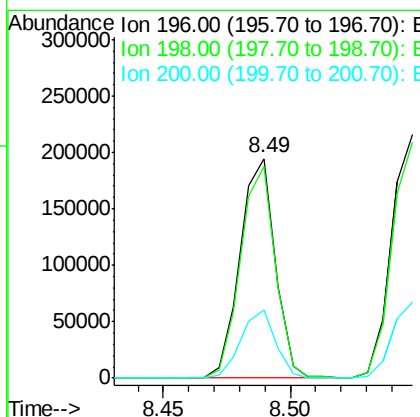
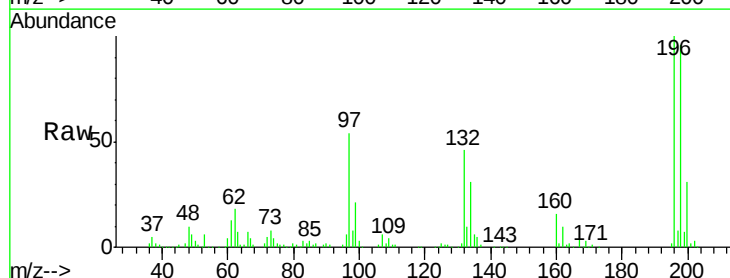
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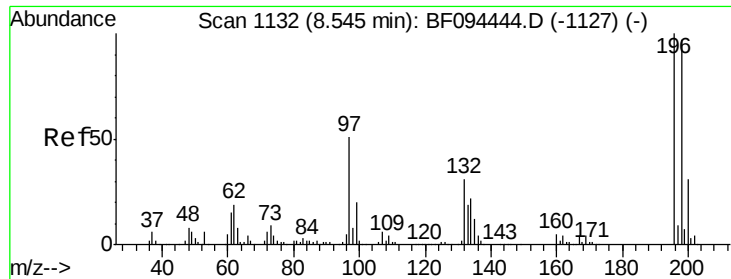
mohammad
 4/21/2017 11:35:56 AM



#42
 2,4,6-Trichlorophenol
 Concen: 45.90 ng
 RT: 8.49 min Scan# 1114
 Delta R.T. -0.00 min
 Lab File: BF094537.D
 Acq: 20 Apr 2017 11:47

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	188246		
198	96.4	74.2	111.4	
200	31.0	24.0	36.0	





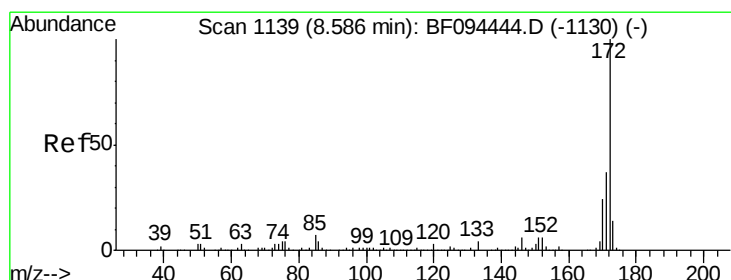
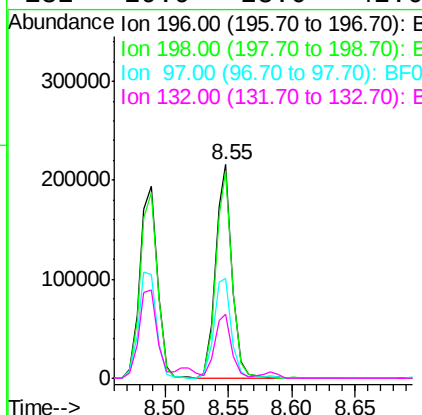
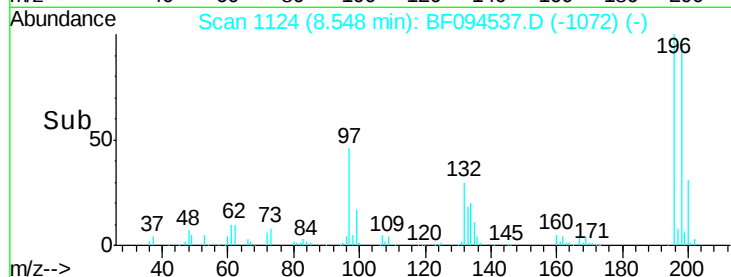
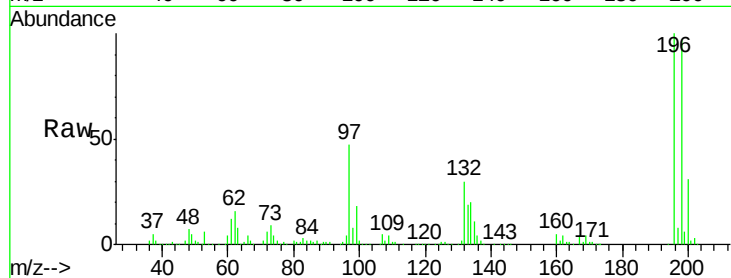
#43
 2,4,5-Trichlorophenol
 Concen: 47.05 ng
 RT: 8.55 min Scan# 1124
 Delta R.T. 0.00 min
 Lab File: BF094537.D
 Acq: 20 Apr 2017 11:47

Instrument :
 BNA_F
 ClientSampleId :
 PB98356BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	198150		
198	97.1	75.7	113.5	
97	46.8	47.7	71.5	
132	29.9	28.0	42.0	

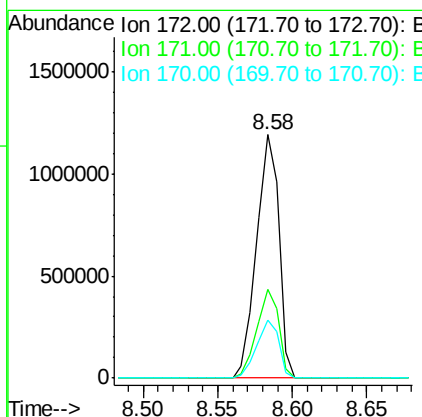
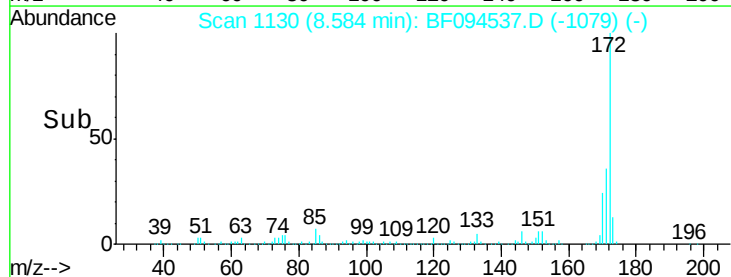
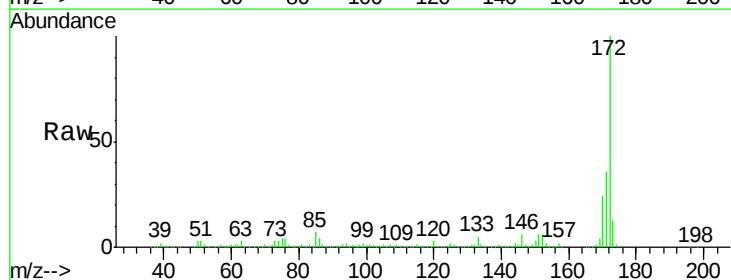
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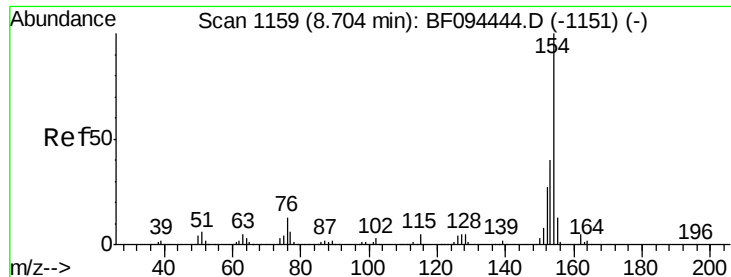
mohammad
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#44
 2-Fluorobiphenyl
 Concen: 87.50 ng
 RT: 8.58 min Scan# 1130
 Delta R.T. -0.00 min
 Lab File: BF094537.D
 Acq: 20 Apr 2017 11:47

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1219648		
171	36.3	29.6	44.4	
170	23.6	19.8	29.8	





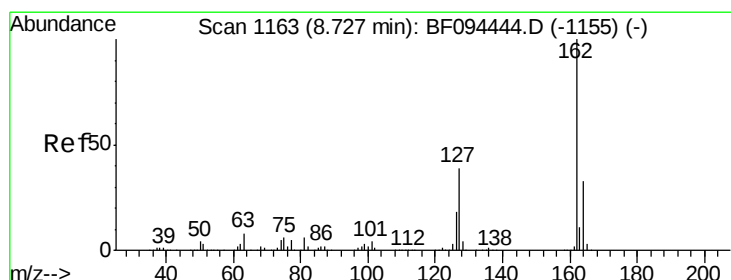
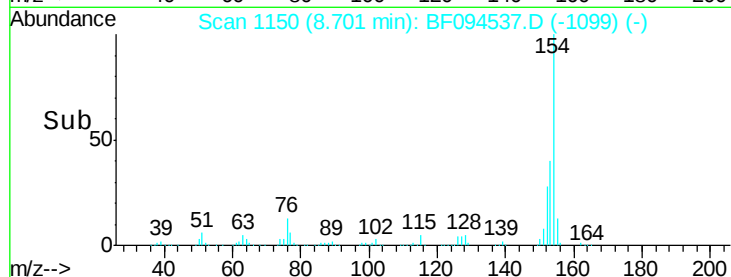
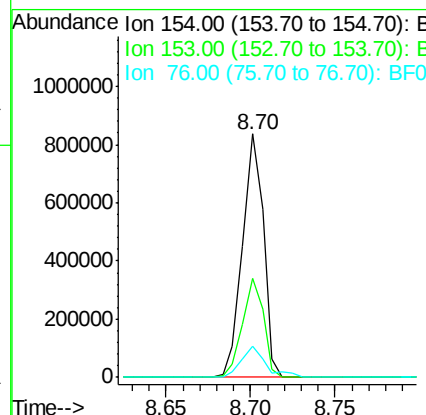
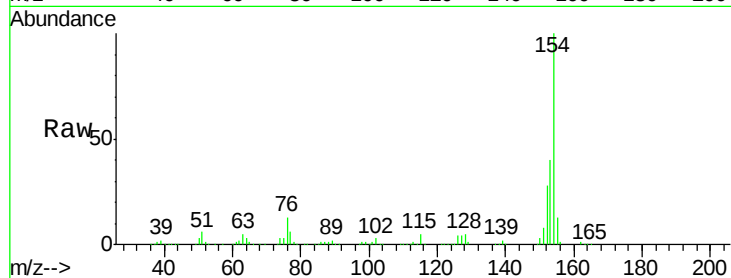
#45
 1,1'-Biphenyl
 Concen: 43.25 ng
 RT: 8.70 min Scan# 1150
 Delta R.T. -0.00 min
 Lab File: BF094537.D
 Acq: 20 Apr 2017 11:47

Instrument :
 BNA_F
 ClientSampleId :
 PB98356BS

Tot Ion:	154	Resp:	724621
Ion Ratio	Lower	Upper	
154	100		
153	40.5	21.2	61.2
76	13.0	0.0	29.9

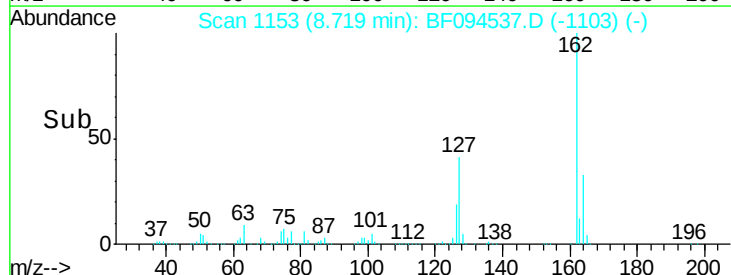
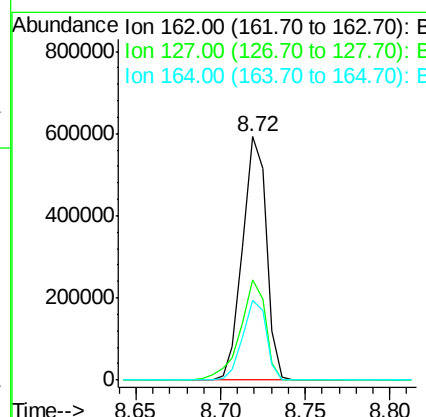
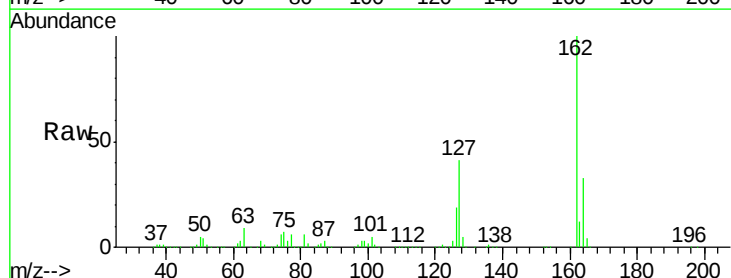
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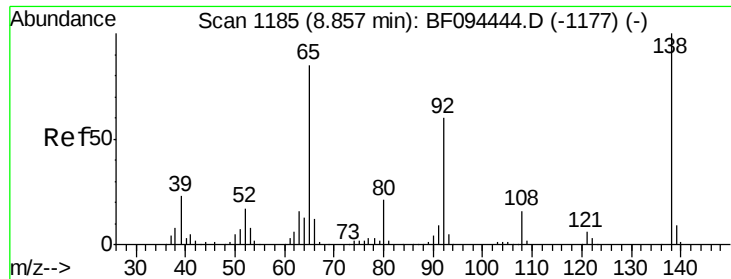
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#46
 2-Chloronaphthalene
 Concen: 43.76 ng
 RT: 8.72 min Scan# 1153
 Delta R.T. -0.01 min
 Lab File: BF094537.D
 Acq: 20 Apr 2017 11:47

Tgt Ion:	162	Resp:	583072
Ion Ratio	Lower	Upper	
162	100		
127	41.0	28.3	42.5
164	33.0	27.0	40.4





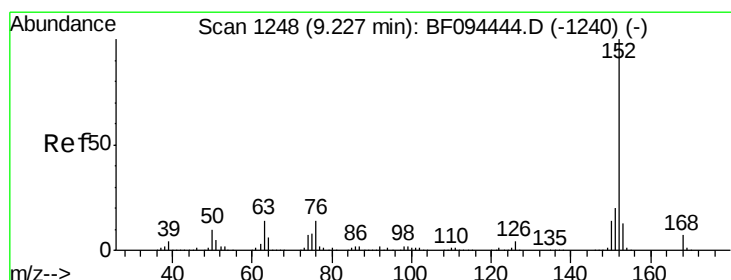
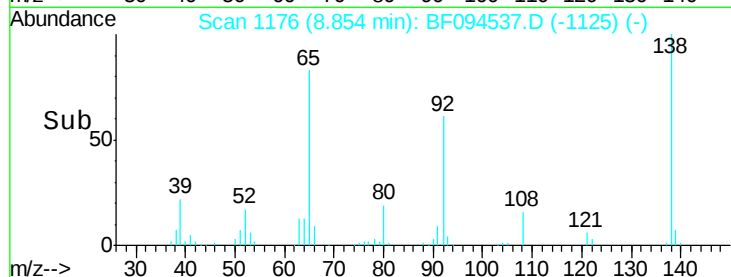
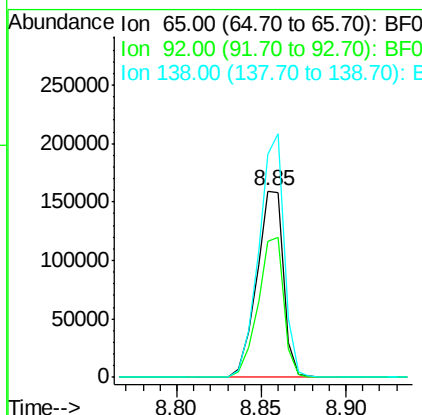
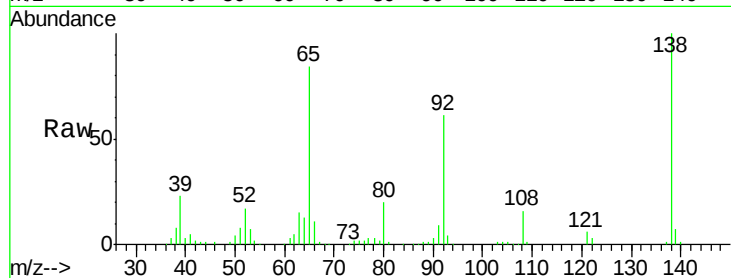
#47
2-Nitroaniline
Concen: 45.74 ng
RT: 8.85 min Scan# 1176
Delta R.T. -0.00 min
Lab File: BF094537.D
Acq: 20 Apr 2017 11:47

Instrument :
BNA_F
ClientSampleId :
PB98356BS

Tot Ion	Ratio	Lower	Upper
65	100		
92	72.6	53.9	80.9
138	119.7	78.8	118.2

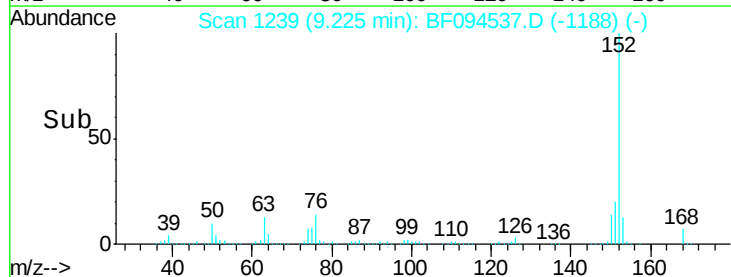
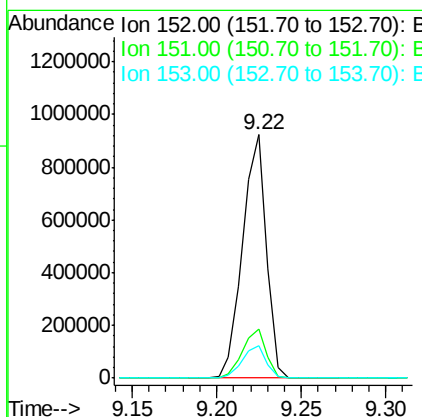
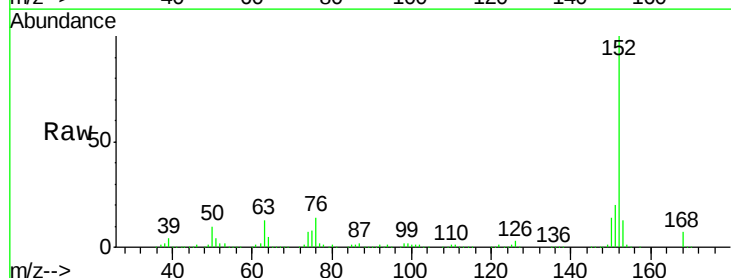
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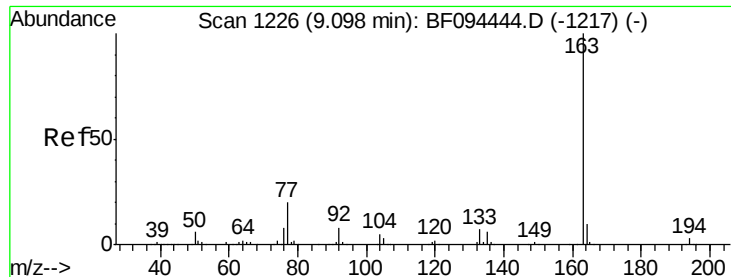
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#48
Acenaphthylene
Concen: 43.66 ng
RT: 9.22 min Scan# 1239
Delta R.T. -0.00 min
Lab File: BF094537.D
Acq: 20 Apr 2017 11:47

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.0	16.8	25.2
153	13.1	10.8	16.2





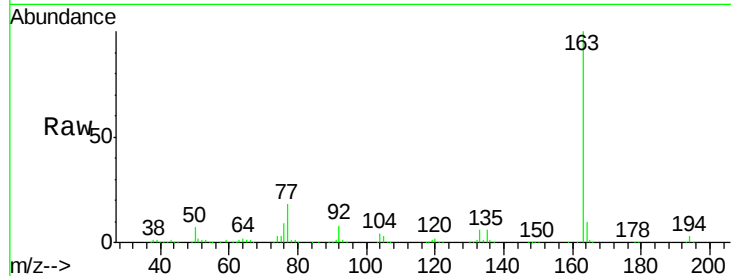
#49
Dimethylphthalate
Concen: 47.55 ng
RT: 9.10 min Scan# 1218
Delta R.T. 0.00 min
Lab File: BF094537.D
Acq: 20 Apr 2017 11:47

Instrument :
BNA_F
ClientSampleId :
PB98356BS

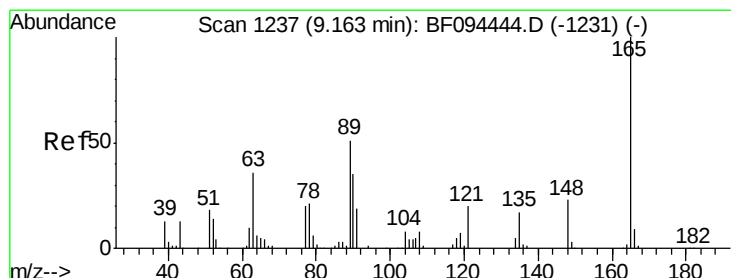
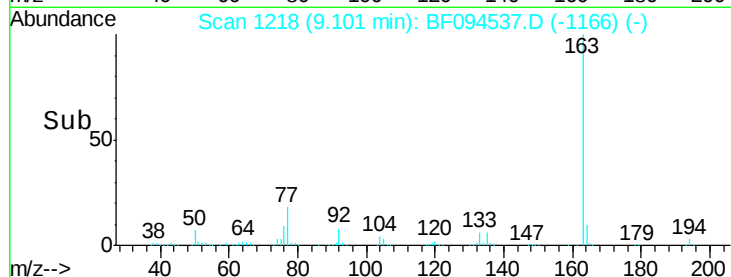
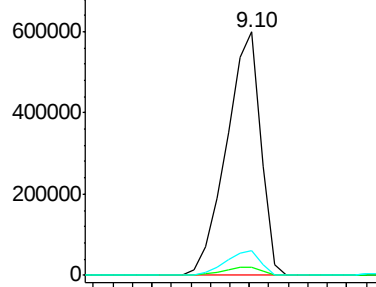
Tot Ion	Ratio	Resp Lower	Resp Upper
163	100		
194	3.5	2.6	4.0
164	10.0	8.4	12.6

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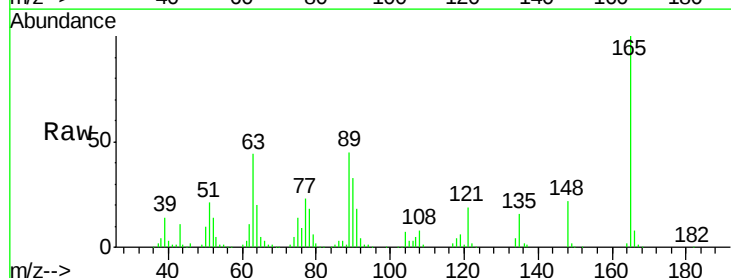


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

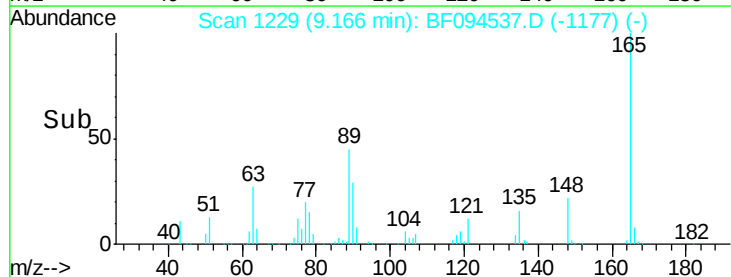
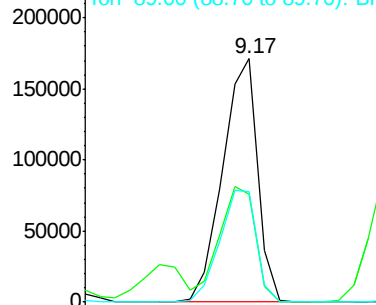


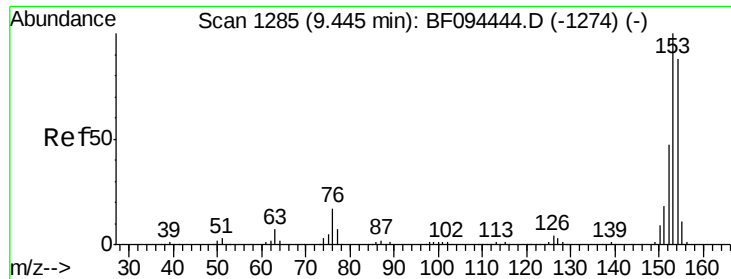
#50
2,6-Dinitrotoluene
Concen: 47.77 ng
RT: 9.17 min Scan# 1229
Delta R.T. 0.00 min
Lab File: BF094537.D
Acq: 20 Apr 2017 11:47

Tgt Ion	Ratio	Resp Lower	Resp Upper
165	100		
63	44.1	34.3	51.5
89	45.3	37.1	55.7



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





#51

Acenaphthene

Concen: 44.18 ng

RT: 9.44 min Scan# 1275

Delta R.T. -0.01 min

Lab File: BF094537.D

Acq: 20 Apr 2017 11:47

Instrument :

BNA_F

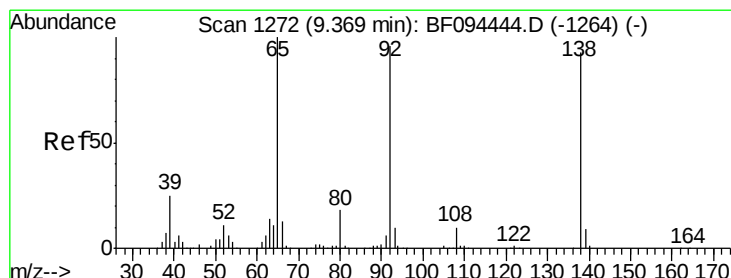
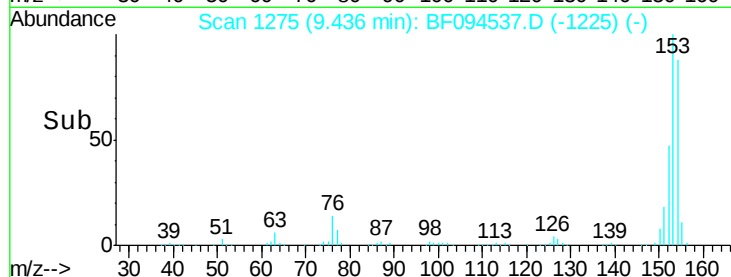
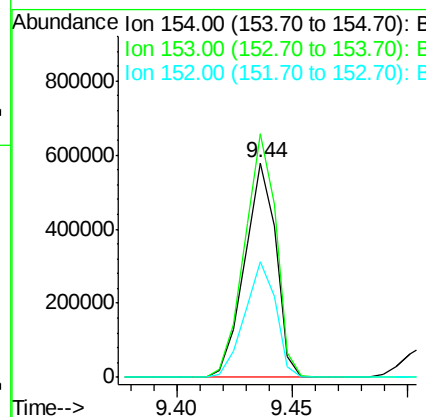
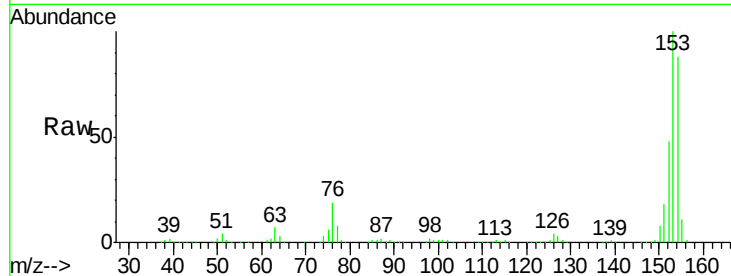
ClientSampleId :

PB98356BS

Tot Ion:	154	Resp:	549652
Ion Ratio	Lower	Upper	
154	100		
153	113.5	90.5	135.7
152	54.0	43.6	65.4

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#52

3-Nitroaniline

Concen: 23.47 ng

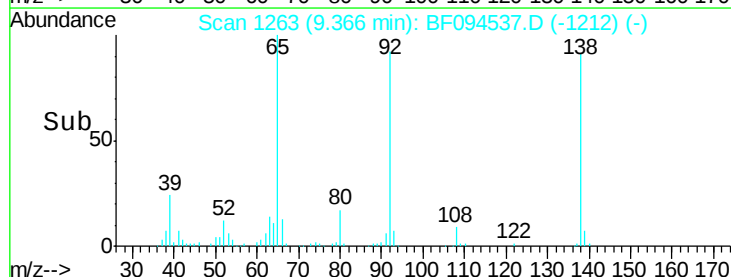
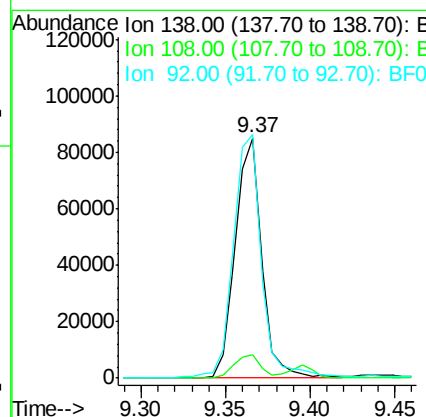
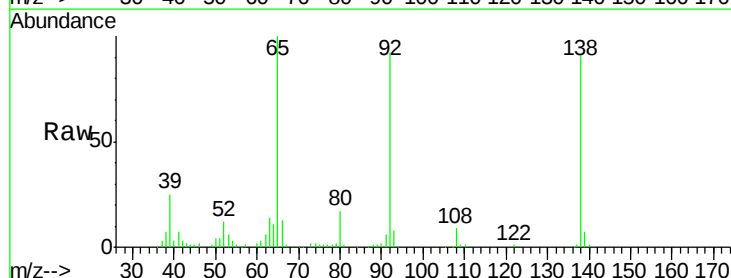
RT: 9.37 min Scan# 1263

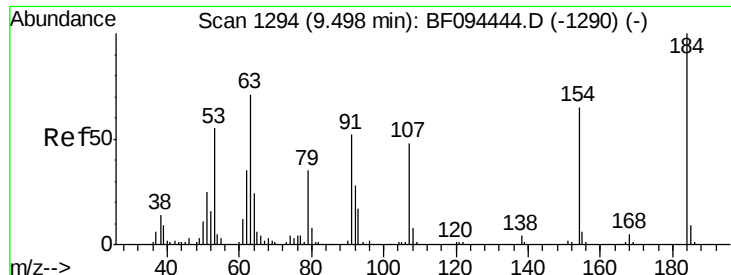
Delta R.T. -0.00 min

Lab File: BF094537.D

Acq: 20 Apr 2017 11:47

Tgt Ion:	138	Resp:	93155
Ion Ratio	Lower	Upper	
138	100		
108	9.9	9.1	13.7
92	101.3	93.8	140.6





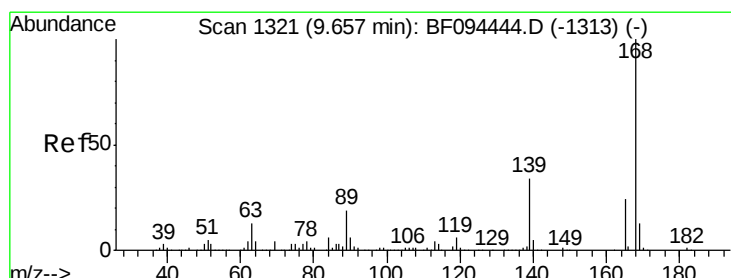
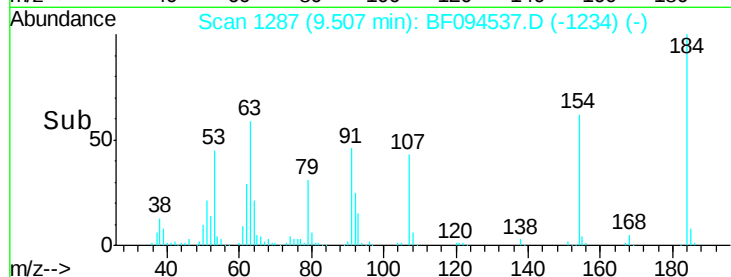
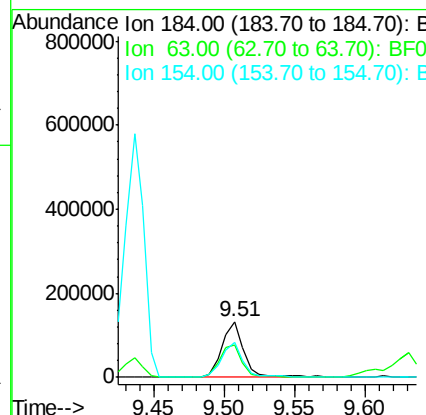
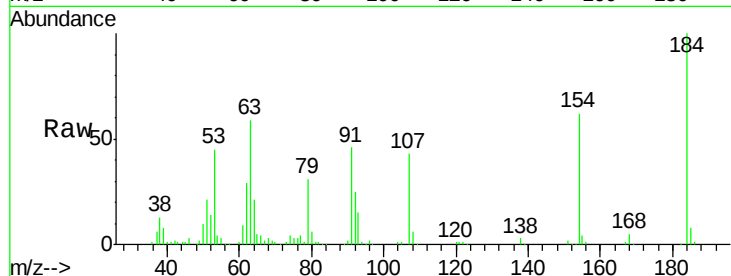
#53
 2,4-Dinitrophenol
 Concen: 78.95 ng
 RT: 9.51 min Scan# 1287
 Delta R.T. 0.01 min
 Lab File: BF094537.D
 Acq: 20 Apr 2017 11:47

Instrument :
 BNA_F
 ClientSampleId :
 PB98356BS

Tot Ion	Ratio	Resp	Lower	Upper
184	100	146807		
63	58.6	62.7	94.1#	
154	61.6	81.1	121.7#	

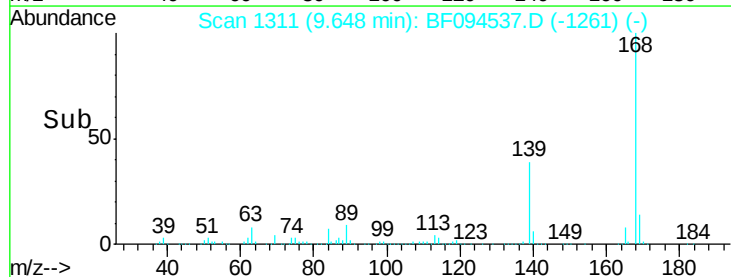
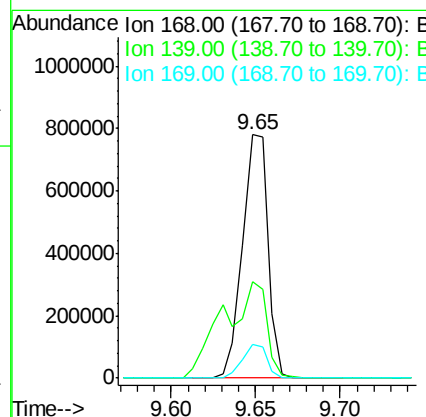
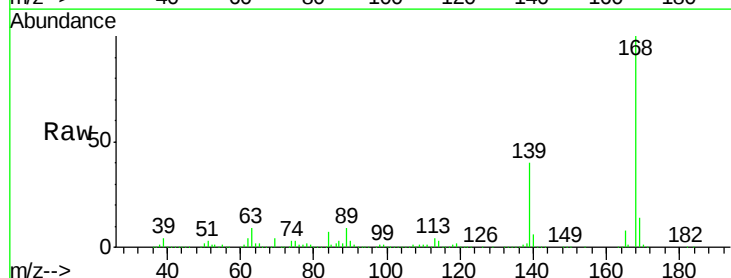
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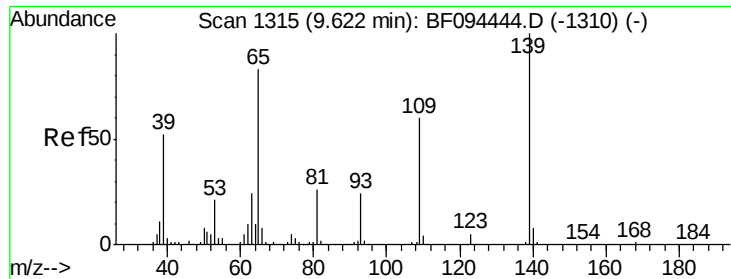
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#54
 Dibenzofuran
 Concen: 45.33 ng
 RT: 9.65 min Scan# 1311
 Delta R.T. -0.01 min
 Lab File: BF094537.D
 Acq: 20 Apr 2017 11:47

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	819543		
139	39.9	30.6	45.8	
169	13.6	10.8	16.2	





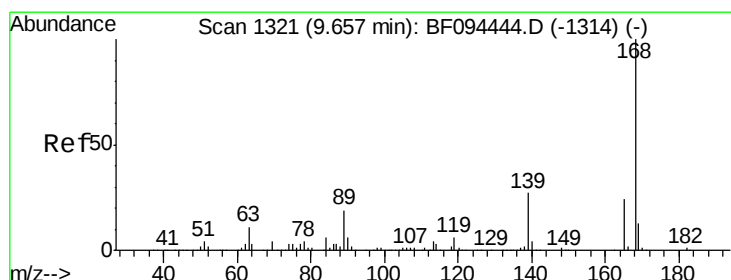
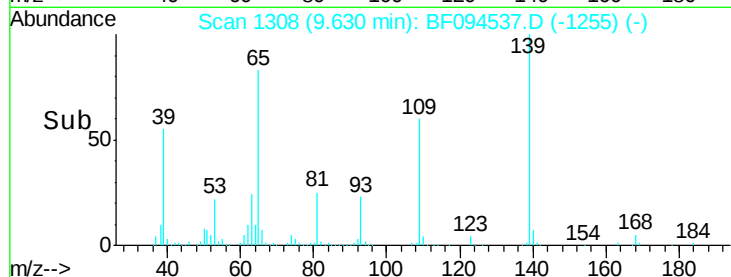
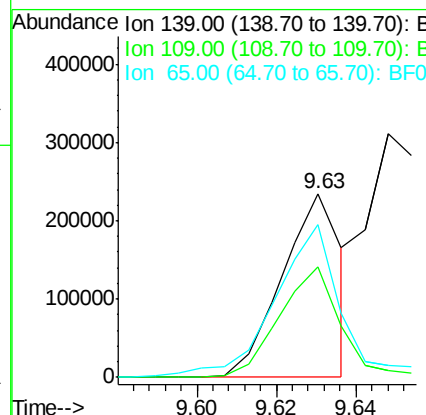
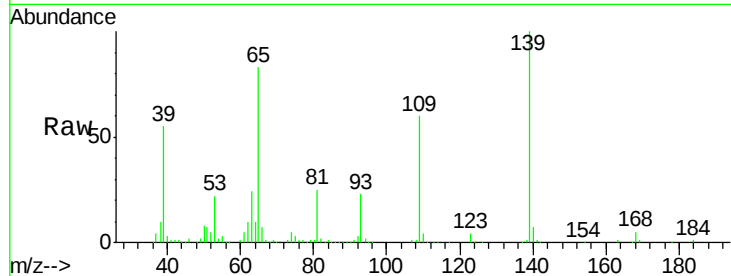
#55
4-Nitrophenol
Concen: 87.96 ng/ml
RT: 9.63 min Scan# 1308
Delta R.T. 0.01 min
Lab File: BF094537.D
Acq: 20 Apr 2017 11:47

Instrument :
BNA_F
ClientSampleId :
PB98356BS

Tot Ion	Ratio	Lower	Upper
139	100		
109	60.0	34.1	74.1
65	83.0	31.4	71.4

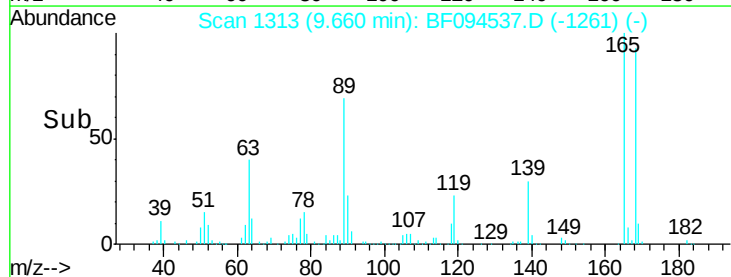
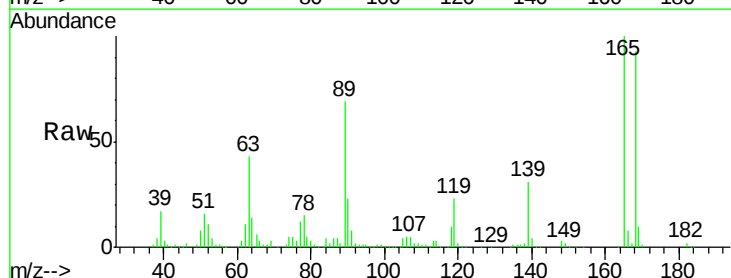
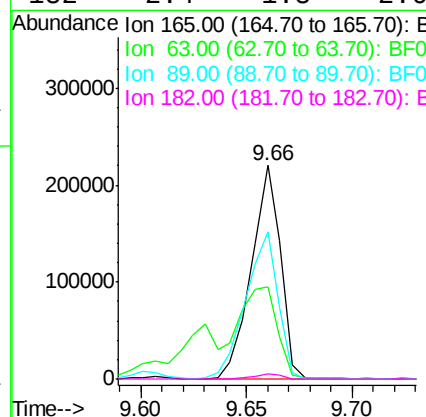
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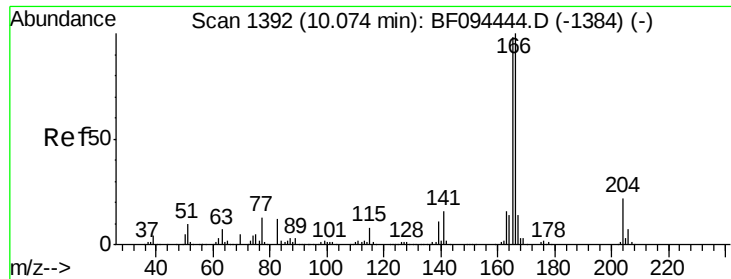
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#56
2,4-Dinitrotoluene
Concen: 50.20 ng
RT: 9.66 min Scan# 1313
Delta R.T. 0.00 min
Lab File: BF094537.D
Acq: 20 Apr 2017 11:47

Tgt Ion	Ratio	Lower	Upper
165	100		
63	43.1	25.4	38.0
89	69.0	46.4	69.6
182	2.4	1.8	2.6





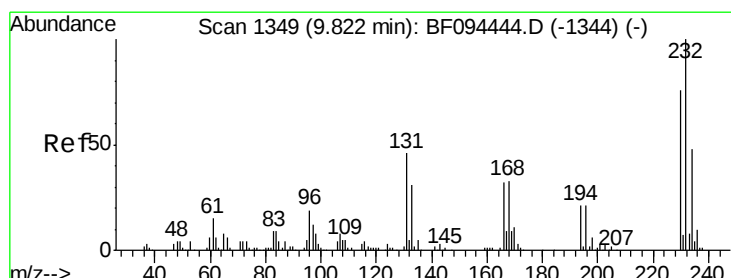
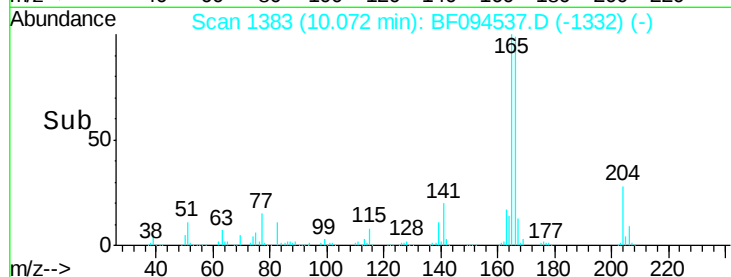
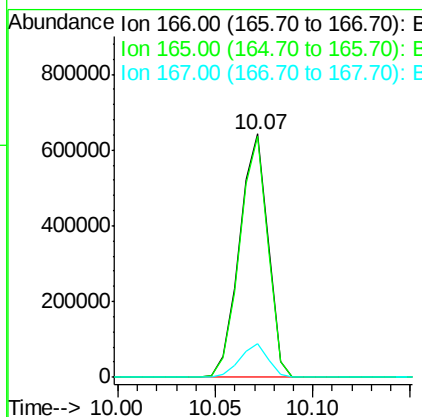
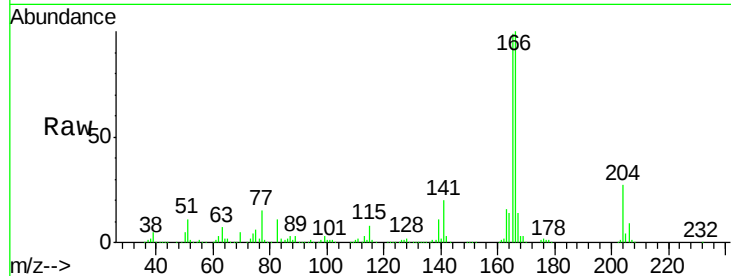
#57
 Fluorene
 Concen: 46.11 ng
 RT: 10.07 min Scan# 1383
 Delta R.T. -0.00 min
 Lab File: BF094537.D
 Acq: 20 Apr 2017 11:47

Instrument :
 BNA_F
 ClientSampleId :
 PB98356BS

Tot Ion	Ratio	Lower	Upper
166	100		
165	98.8	78.8	118.2
167	13.7	10.6	16.0

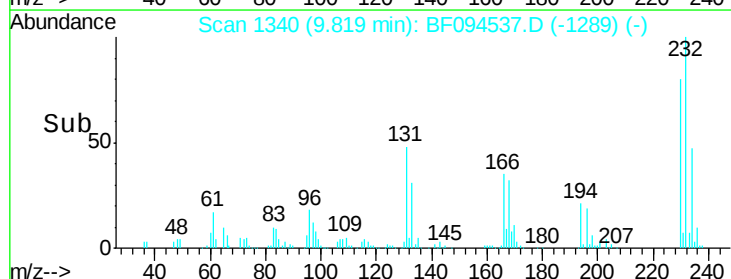
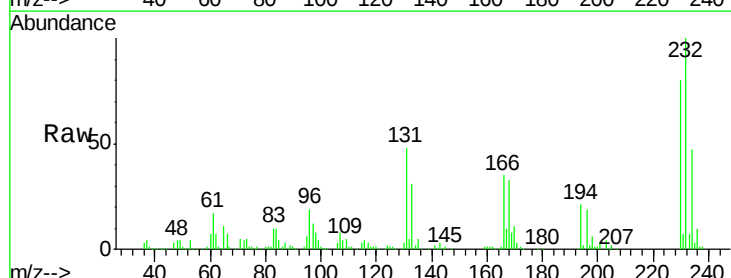
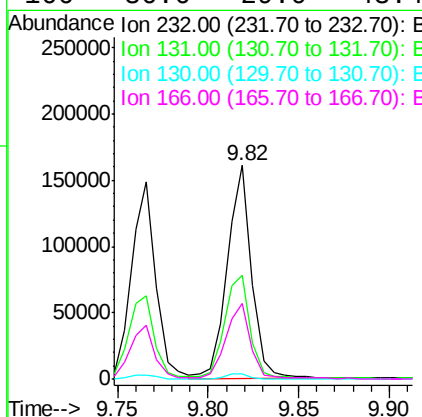
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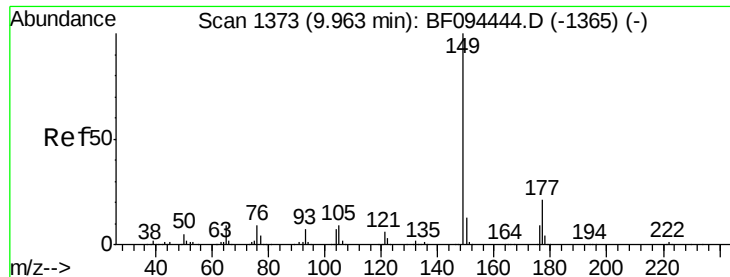
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#58
 2,3,4,6-Tetrachlorophenol
 Concen: 49.46 ng
 RT: 9.82 min Scan# 1340
 Delta R.T. -0.00 min
 Lab File: BF094537.D
 Acq: 20 Apr 2017 11:47

Tgt Ion	Ratio	Lower	Upper
232	100		
131	51.2	44.8	67.2
130	2.6	2.3	3.5
166	36.6	29.0	43.4





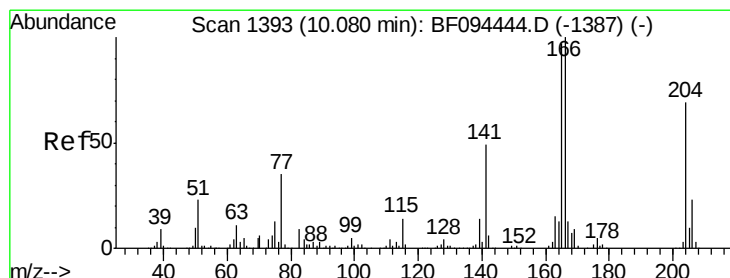
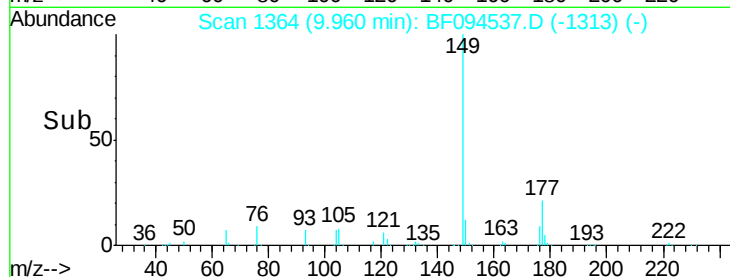
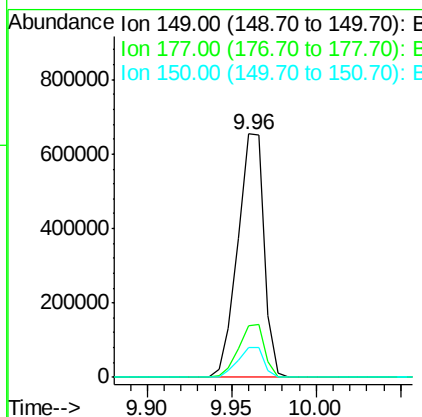
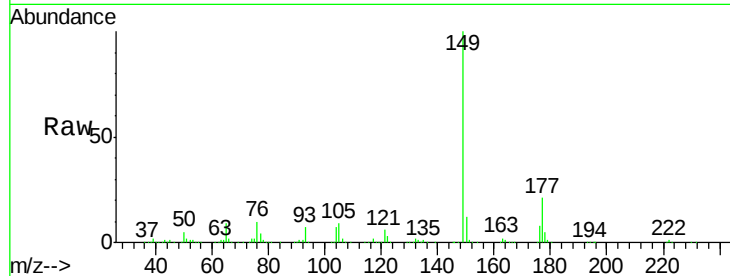
#59
Diethylphthalate
Concen: 49.20 ng
RT: 9.96 min Scan# 1364
Delta R.T. -0.00 min
Lab File: BF094537.D
Acq: 20 Apr 2017 11:47

Instrument :
BNA_F
ClientSampleId :
PB98356BS

Tot Ion	Ratio	Lower	Upper
149	100		
177	21.1	16.7	25.1
150	12.4	10.2	15.2

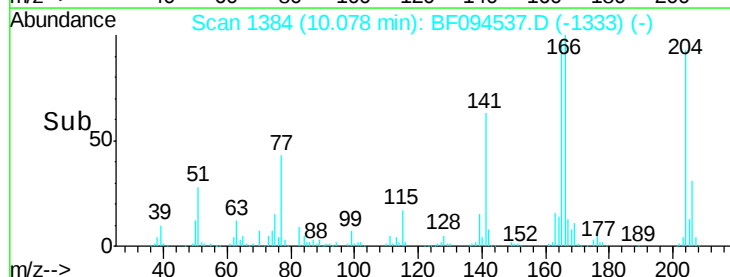
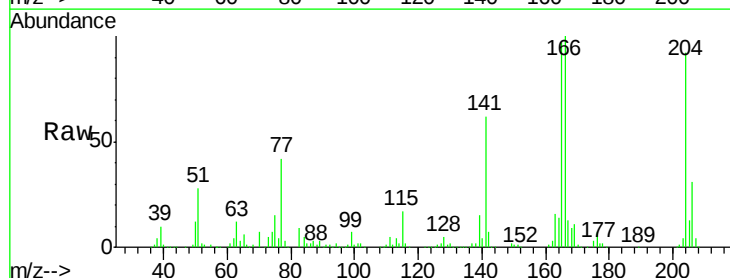
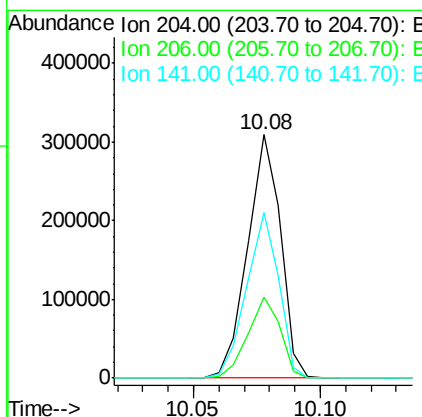
Manual Integrations
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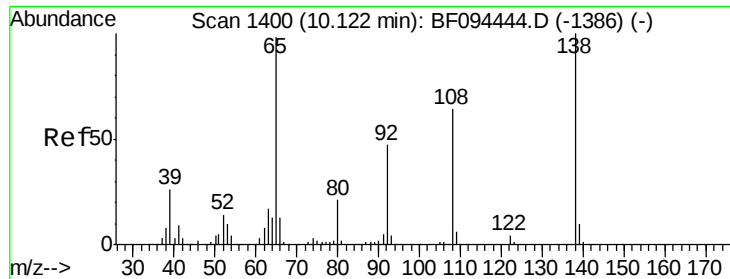
mohammad
4/21/2017 11:35:56 AM



#60
4-Chlorophenyl-phenylether
Concen: 47.88 ng
RT: 10.08 min Scan# 1384
Delta R.T. -0.00 min
Lab File: BF094537.D
Acq: 20 Apr 2017 11:47

Tgt Ion	Ratio	Lower	Upper
204	100		
206	33.3	26.2	39.2
141	67.7	60.8	91.2





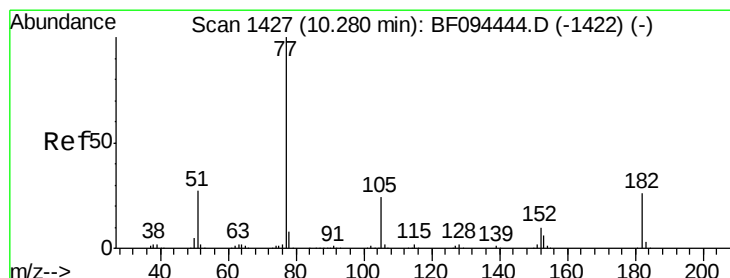
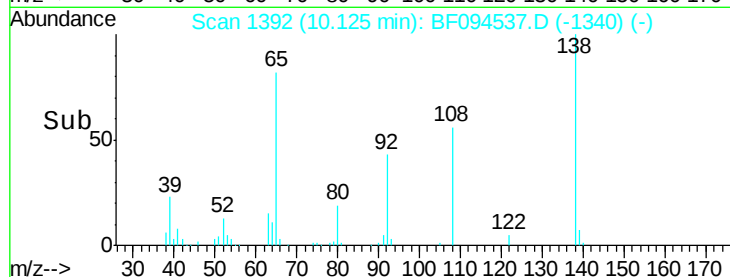
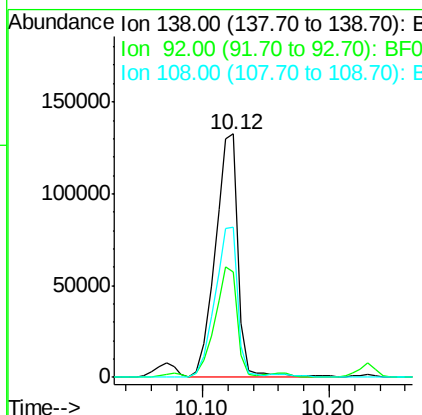
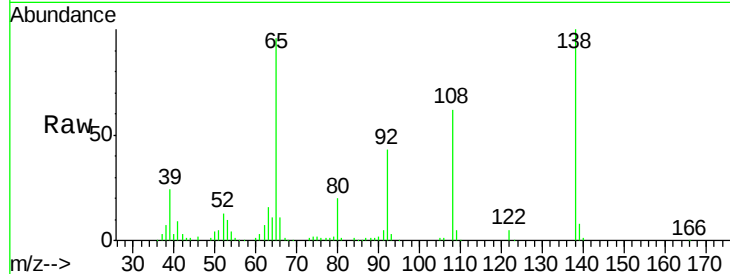
#61
4-Nitroaniline
Concen: 40.86 ng
RT: 10.12 min Scan# 1392
Delta R.T. 0.00 min
Lab File: BF094537.D
Acq: 20 Apr 2017 11:47

Instrument :
BNA_F
ClientSampleId :
PB98356BS

Tot Ion	Ratio	Lower	Upper
138	100		
92	43.5	21.8	61.8
108	61.7	42.3	82.3

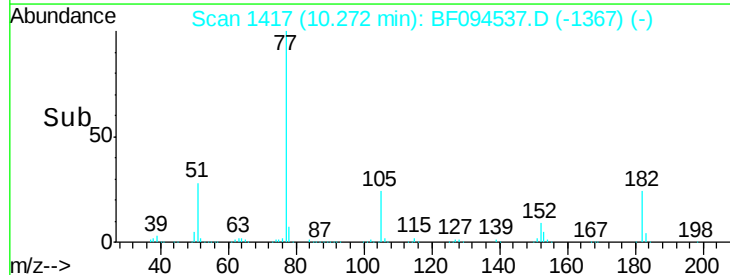
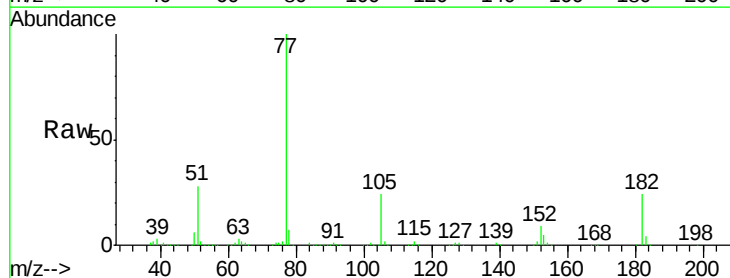
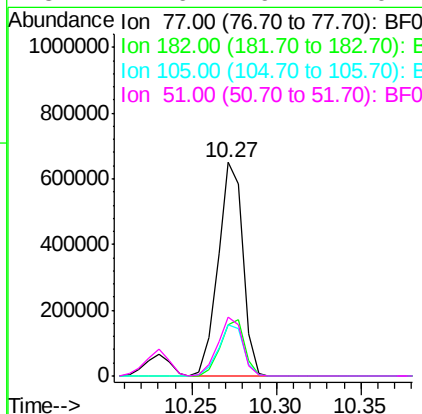
Manual Integrations
APPROVED

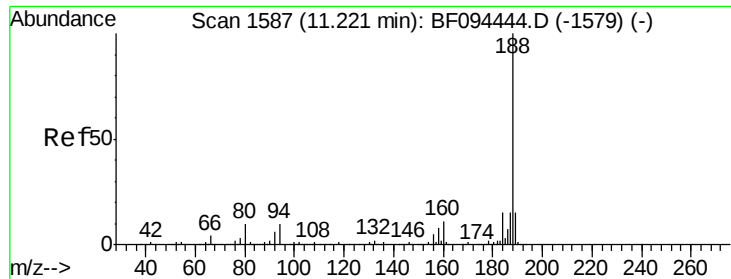
mohammad
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#62
Azobenzene
Concen: 47.31 ng
RT: 10.27 min Scan# 1417
Delta R.T. -0.01 min
Lab File: BF094537.D
Acq: 20 Apr 2017 11:47

Tgt Ion	Ratio	Lower	Upper
77	100		
182	23.8	0.1	40.1
105	23.7	3.6	43.6
51	27.6	9.4	49.4





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.21 min Scan# 1577

Delta R.T. -0.01 min

Lab File: BF094537.D

Acq: 20 Apr 2017 11:47

Instrument :

BNA_F

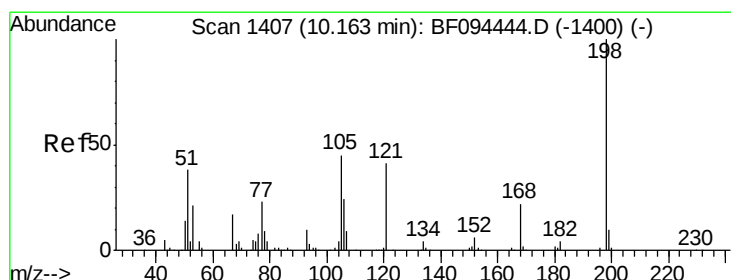
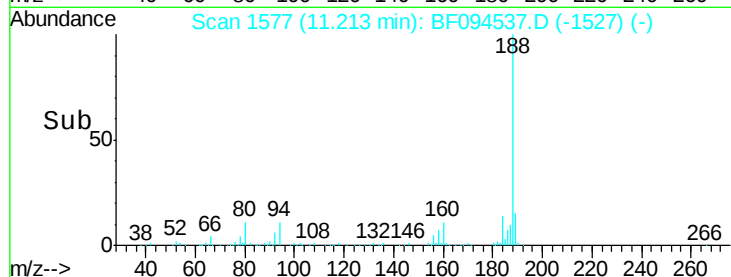
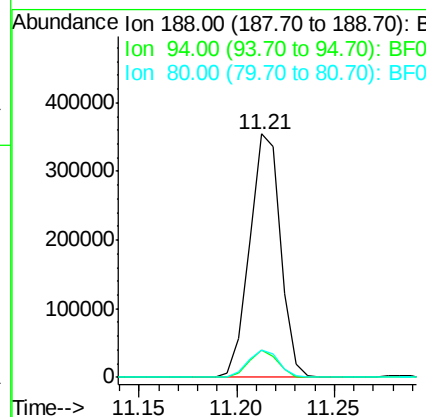
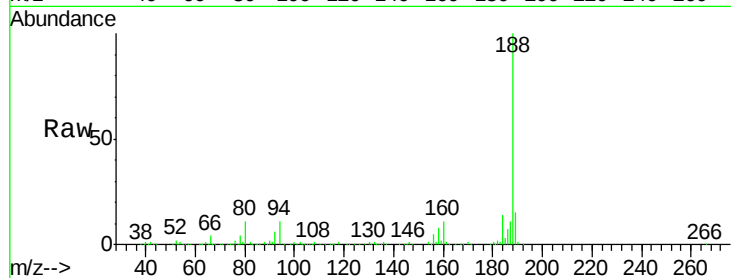
ClientSampleId :

PB98356BS

Tot Ion:	188	Resp:	388100
Ion Ratio	Lower	Upper	
188	100		
94	11.2	9.4	14.2
80	11.4	10.2	15.2

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#64

4,6-Dinitro-2-methylphenol

Concen: 43.33 ng

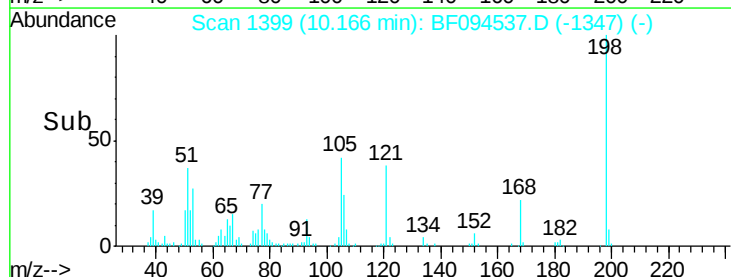
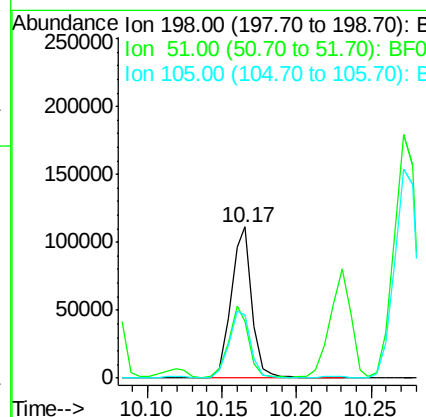
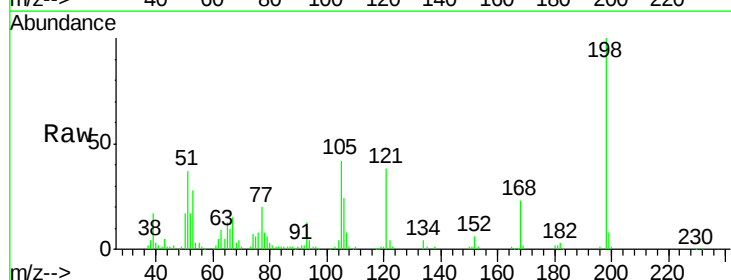
RT: 10.17 min Scan# 1399

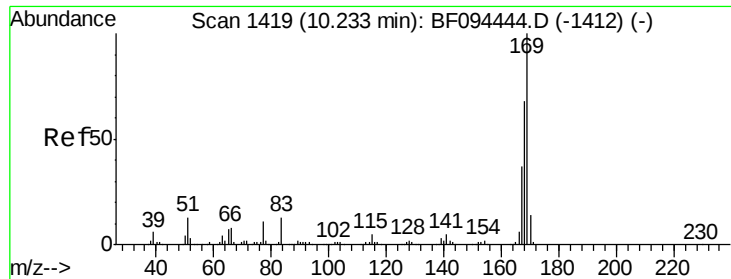
Delta R.T. 0.00 min

Lab File: BF094537.D

Acq: 20 Apr 2017 11:47

Tgt Ion:	198	Resp:	110179
Ion Ratio	Lower	Upper	
198	100		
51	37.2	53.2	93.2#
105	41.9	45.8	85.8#





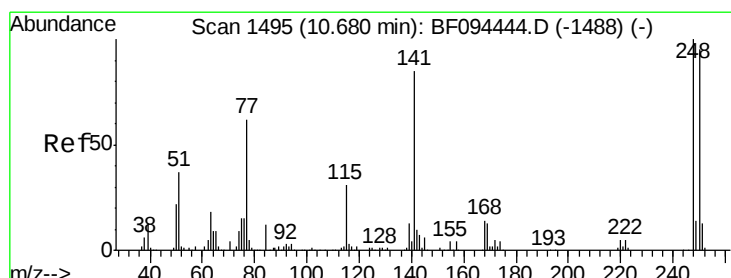
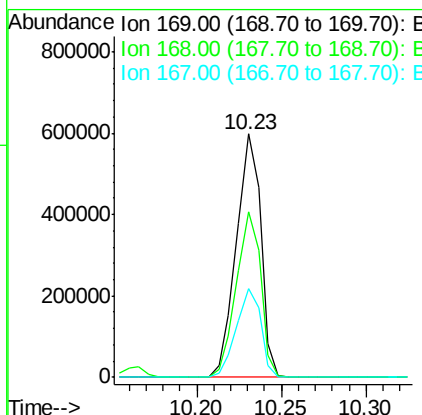
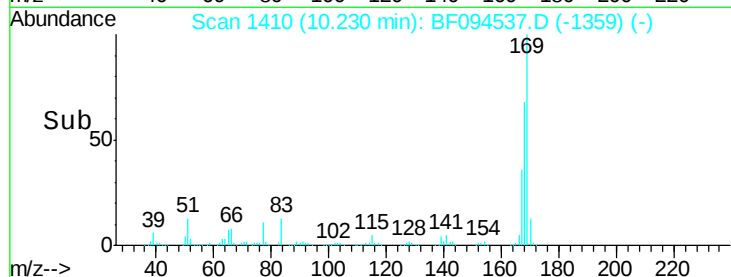
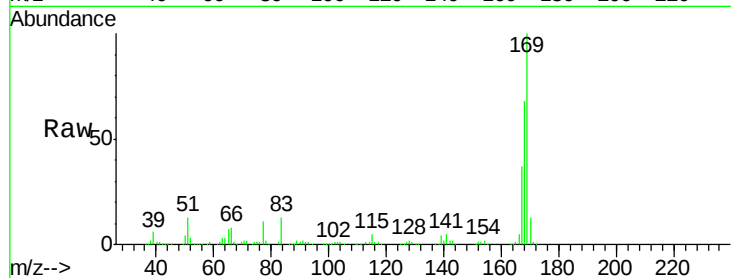
#65
n-Nitrosodiphenylamine
Concen: 44.79 ng
RT: 10.23 min Scan# 1410
Delta R.T. -0.00 min
Lab File: BF094537.D
Acq: 20 Apr 2017 11:47

Instrument :
BNA_F
ClientSampleId :
PB98356BS

Tot Ion	Ratio	Resp	Lower	Upper
169	100	604541		
168	68.1	53.2	79.8	
167	36.5	29.5	44.3	

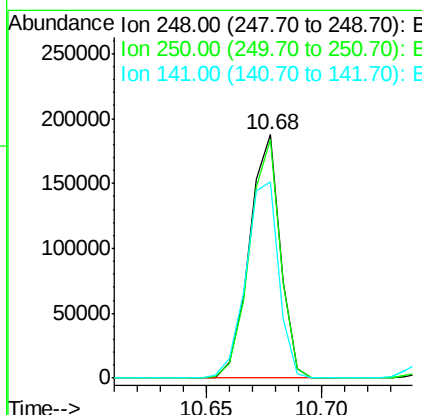
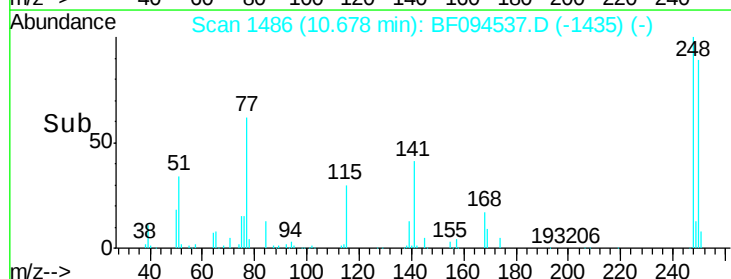
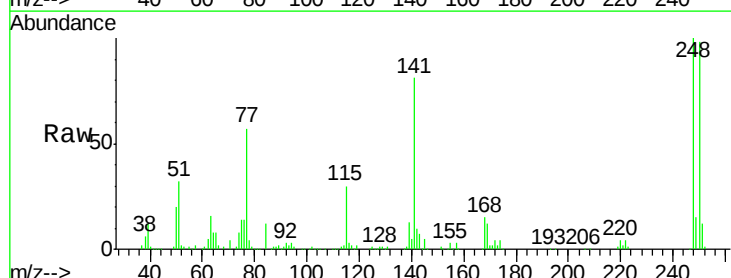
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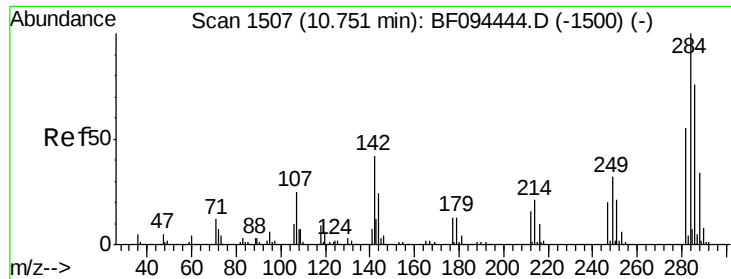
mohammad
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#66
4-Bromophenyl-phenylether
Concen: 45.60 ng
RT: 10.68 min Scan# 1486
Delta R.T. -0.00 min
Lab File: BF094537.D
Acq: 20 Apr 2017 11:47

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	175740		
250	97.9	76.8	115.2	
141	80.5	68.6	103.0	





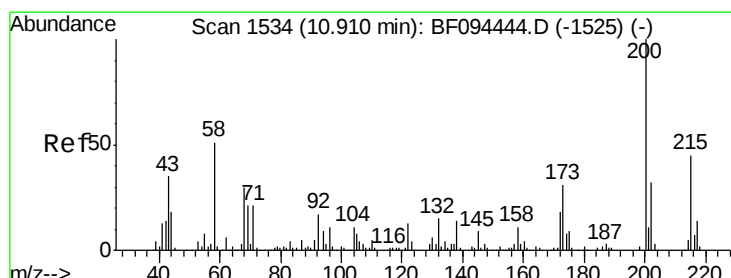
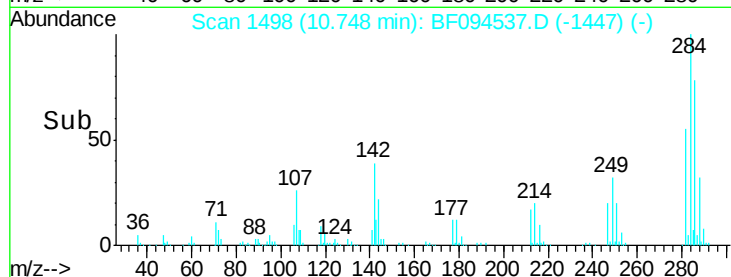
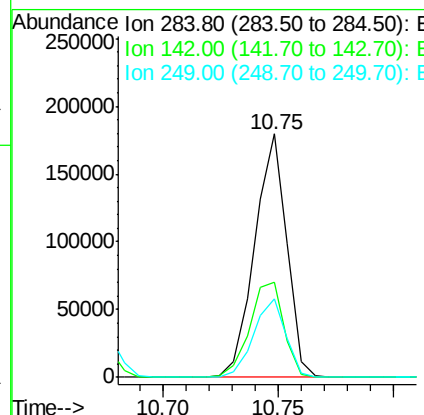
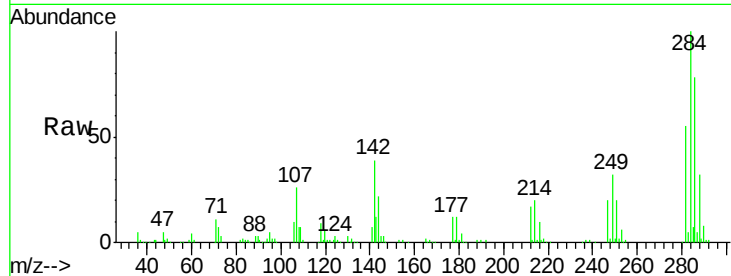
#67
Hexachlorobenzene
Concen: 44.85 ng
RT: 10.75 min Scan# 1498
Delta R.T. -0.00 min
Lab File: BF094537.D
Acq: 20 Apr 2017 11:47

Instrument :
BNA_F
ClientSampleId :
PB98356BS

Tot Ion	Ratio	Resp	Lower	Upper
284	100	174172		
142	38.8	22.8	34.2	#
249	32.3	24.0	36.0	

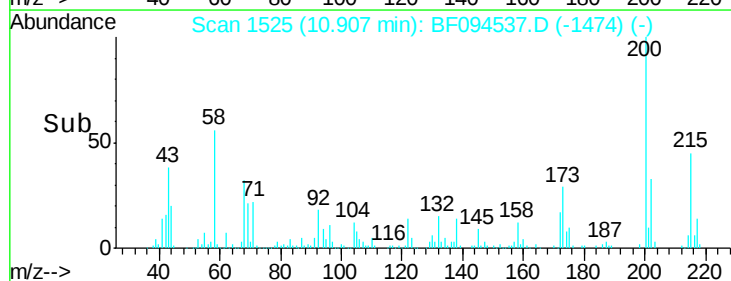
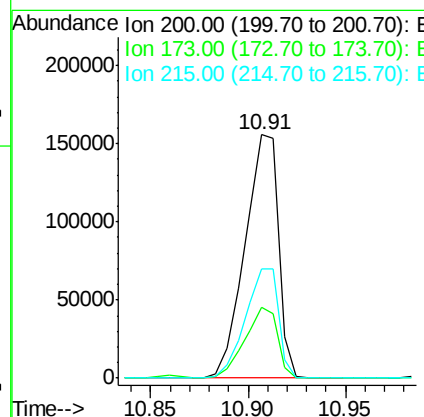
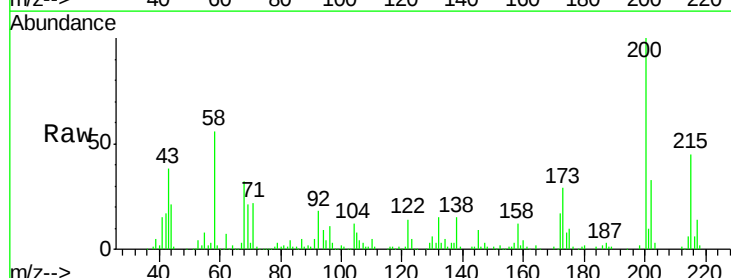
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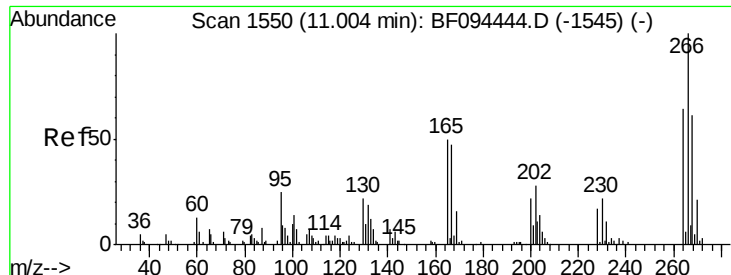
mohammad
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#68
Atrazine
Concen: 45.92 ng
RT: 10.91 min Scan# 1525
Delta R.T. -0.00 min
Lab File: BF094537.D
Acq: 20 Apr 2017 11:47

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	185410		
173	29.3	6.3	46.3	
215	44.6	27.2	67.2	





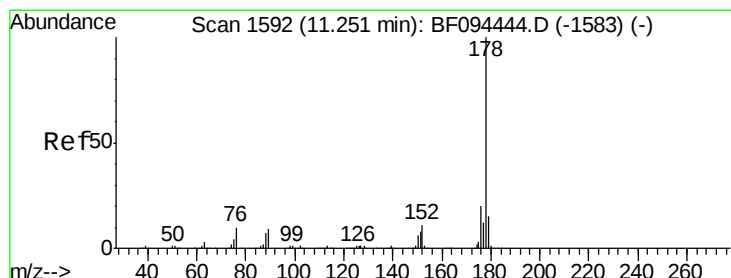
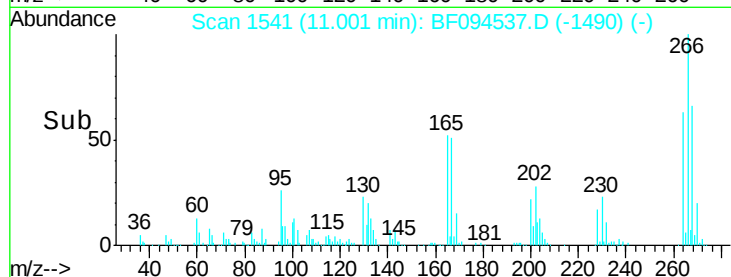
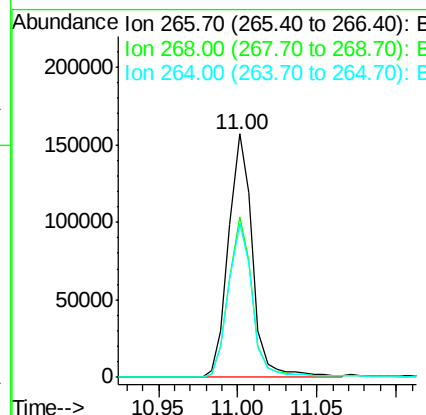
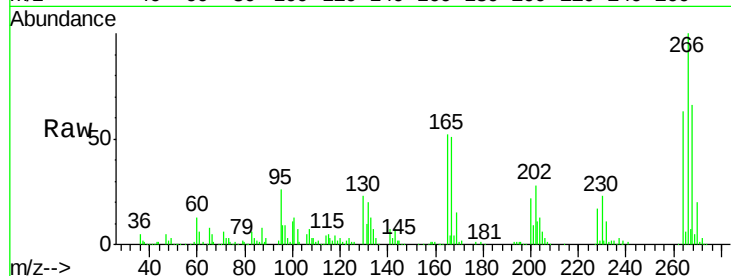
#69
 Pentachlorophenol
 Concen: 107.58 ng
 RT: 11.00 min Scan# 1541
 Delta R.T. -0.00 min
 Lab File: BF094537.D
 Acq: 20 Apr 2017 11:47

Instrument :
 BNA_F
 ClientSampleId :
 PB98356BS

Tot Ion	Ratio	Resp	Lower	Upper
266	100	165903		
268	65.8		51.1	76.7
264	63.4		51.7	77.5

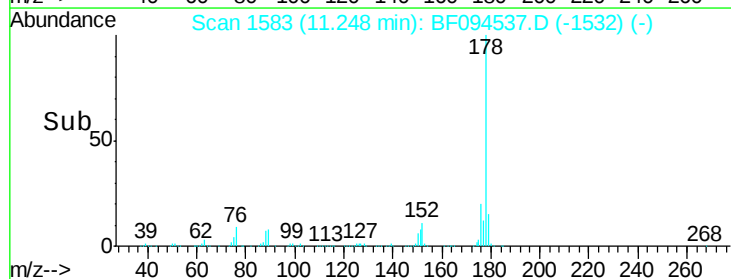
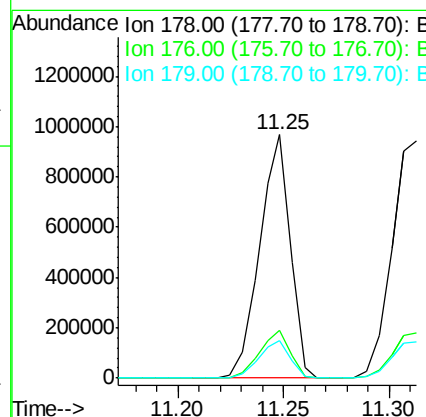
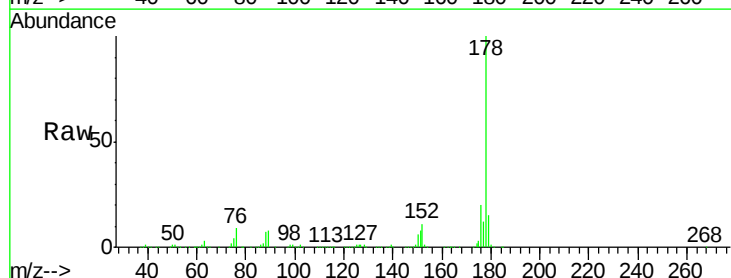
Manual Integrations
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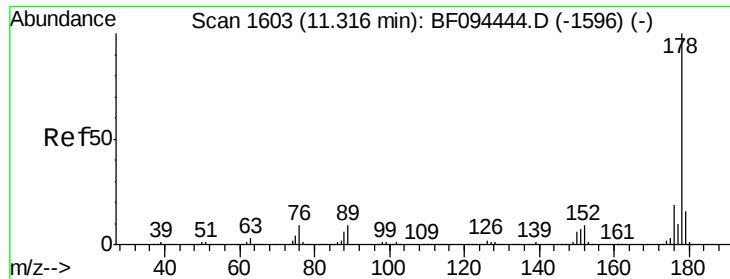
mohammad
 4/21/2017 11:35:56 AM



#70
 Phenanthrene
 Concen: 44.55 ng
 RT: 11.25 min Scan# 1583
 Delta R.T. -0.00 min
 Lab File: BF094537.D
 Acq: 20 Apr 2017 11:47

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	973573		
176	19.6		16.2	24.4
179	15.2		12.6	19.0





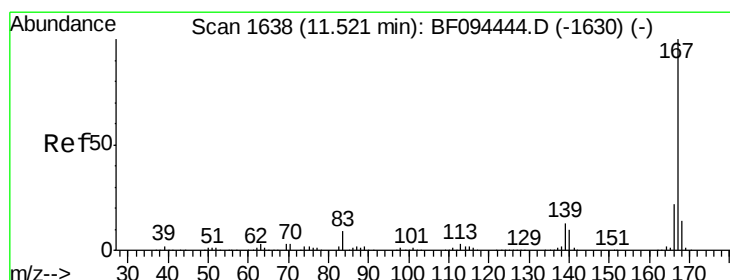
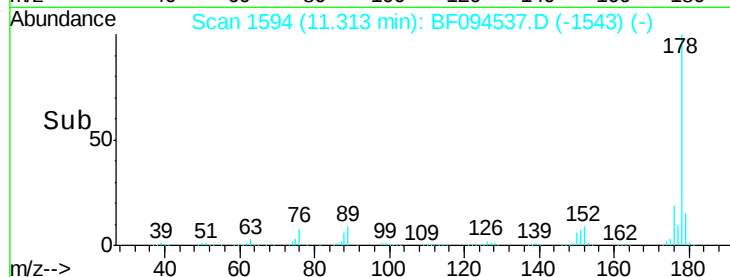
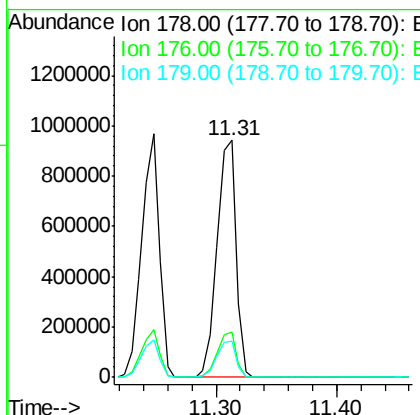
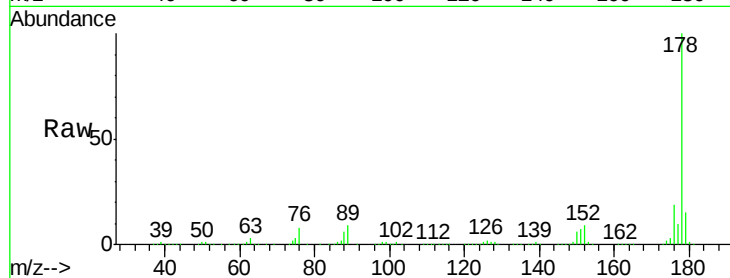
#71
 Anthracene
 Concen: 44.99 ng
 RT: 11.31 min Scan# 1594
 Delta R.T. -0.00 min
 Lab File: BF094537.D
 Acq: 20 Apr 2017 11:47

Instrument :
 BNA_F
 ClientSampleId :
 PB98356BS

Tot Ion:178 Resp: 1017069
 Ion Ratio Lower Upper
 178 100
 176 19.0 15.8 23.8
 179 15.4 12.7 19.1

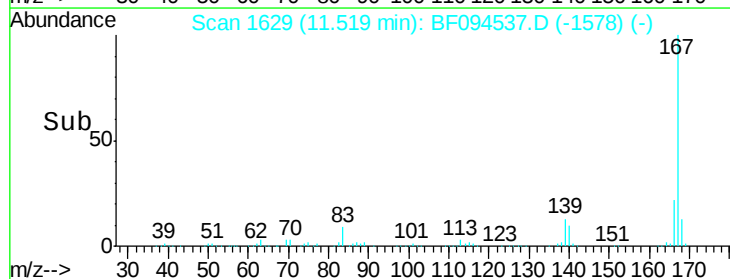
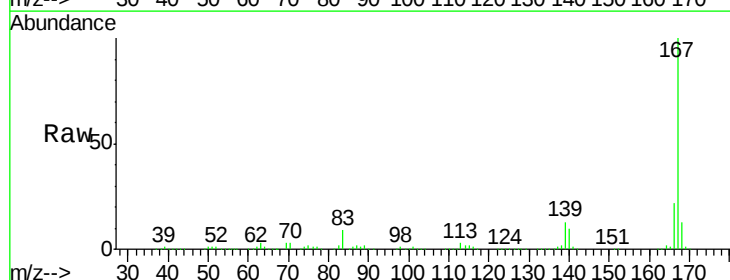
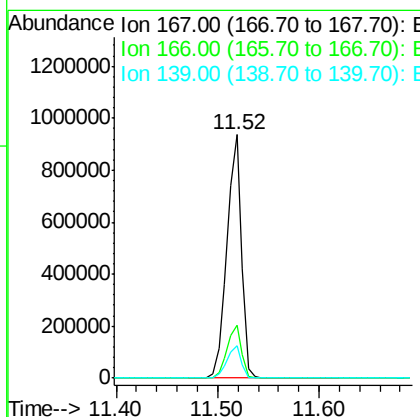
Manual Integrations
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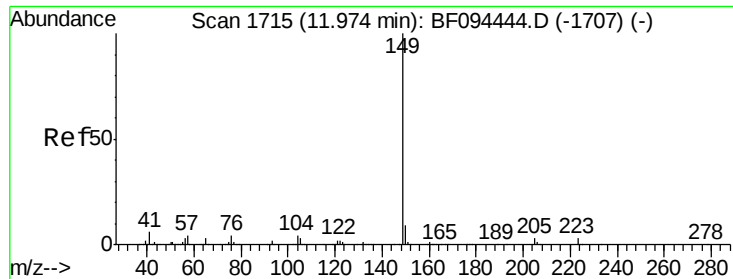
mohammad
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#72
 Carbazole
 Concen: 44.20 ng
 RT: 11.52 min Scan# 1629
 Delta R.T. -0.00 min
 Lab File: BF094537.D
 Acq: 20 Apr 2017 11:47

Tgt Ion:167 Resp: 937751
 Ion Ratio Lower Upper
 167 100
 166 22.0 18.1 27.1
 139 13.3 11.7 17.5





#73

Di-n-butylphthalate

Concen: 50.27 ng

RT: 11.97 min Scan# 1705

Delta R.T. -0.01 min

Lab File: BF094537.D

Acq: 20 Apr 2017 11:47

Instrument :

BNA_F

ClientSampleId :

PB98356BS

Tot Ion:149 Resp: 1174330

Ion Ratio Lower Upper

149 100

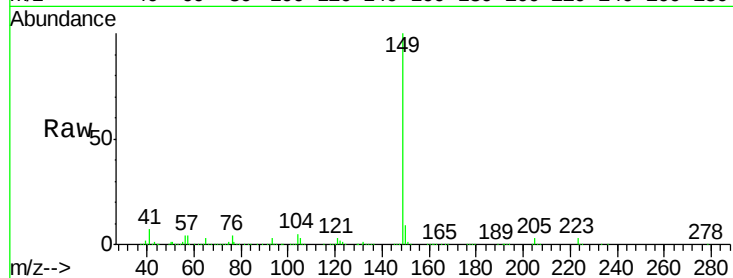
150 9.5 7.7 11.5

104 4.6 4.0 6.0

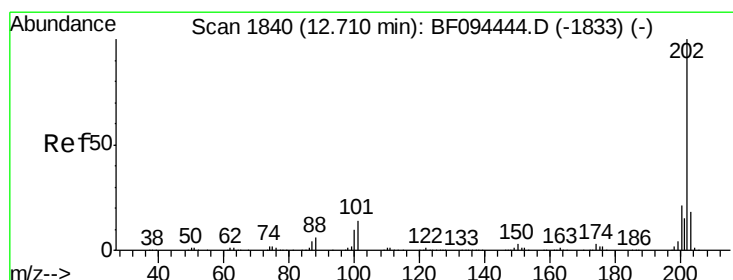
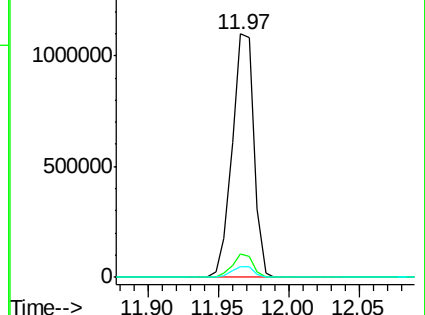
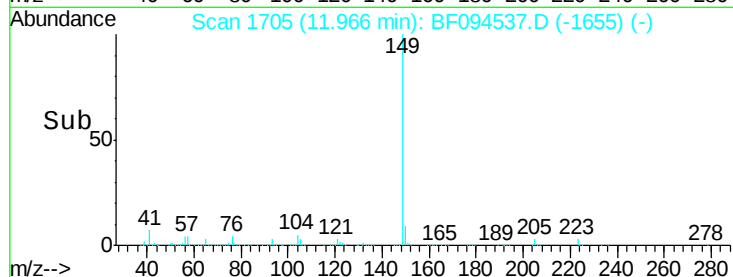
Manual Integrations
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Abundance Ion 149.00 (148.70 to 149.70): E
1500000
Ion 150.00 (149.70 to 150.70): E
Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 45.11 ng

RT: 12.71 min Scan# 1831

Delta R.T. -0.00 min

Lab File: BF094537.D

Acq: 20 Apr 2017 11:47

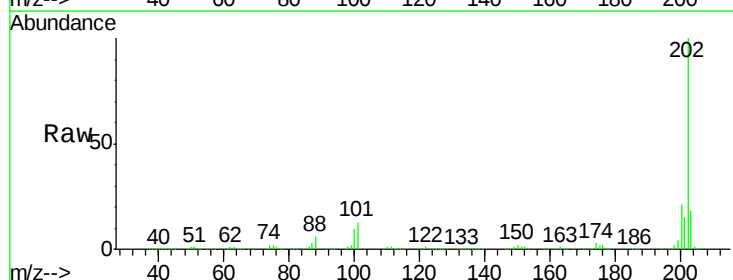
Tgt Ion:202 Resp: 1021670

Ion Ratio Lower Upper

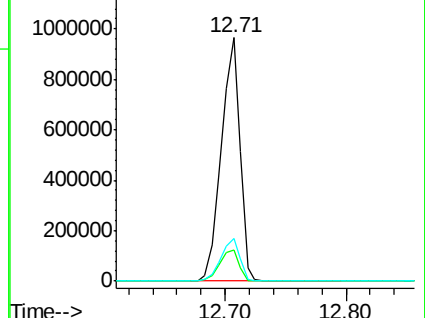
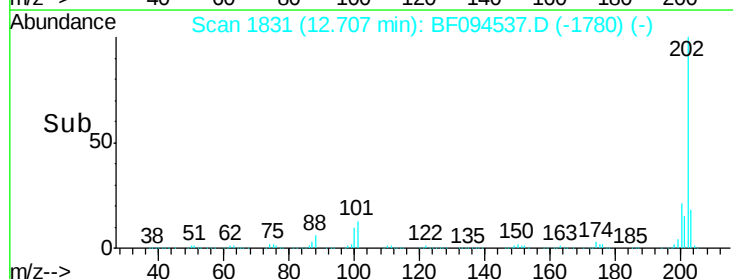
202 100

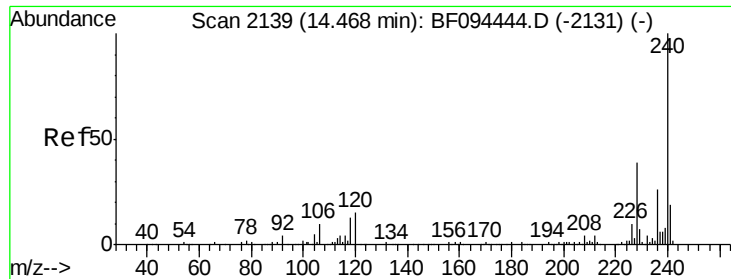
101 12.7 0.0 33.2

203 17.7 0.0 38.1



Abundance Ion 202.00 (201.70 to 202.70): E
1200000
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E





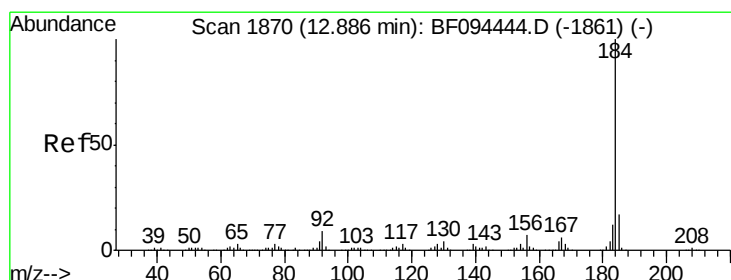
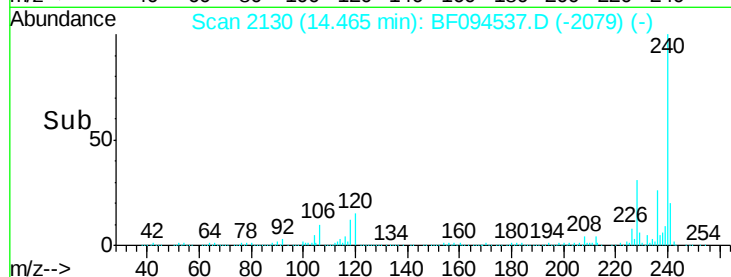
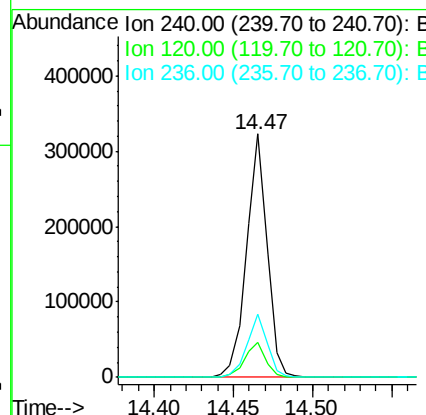
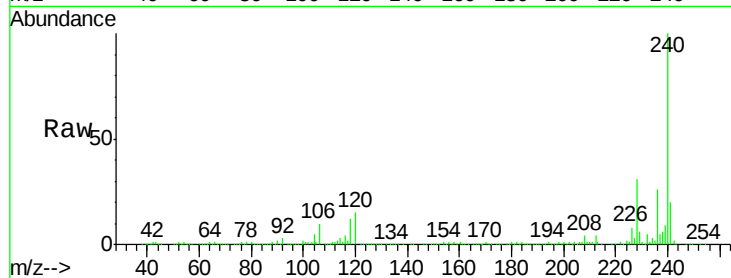
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.47 min Scan# 2130
Delta R.T. -0.00 min
Lab File: BF094537.D
Acq: 20 Apr 2017 11:47

Instrument :
BNA_F
ClientSampleId :
PB98356BS

Tot Ion	Ratio	Lower	Upper
240	100		
120	14.6	5.8	8.8#
236	25.8	20.5	30.7

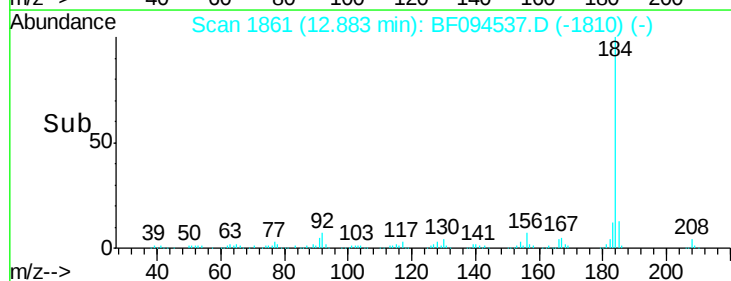
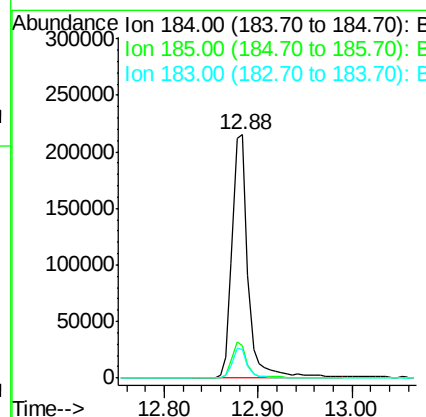
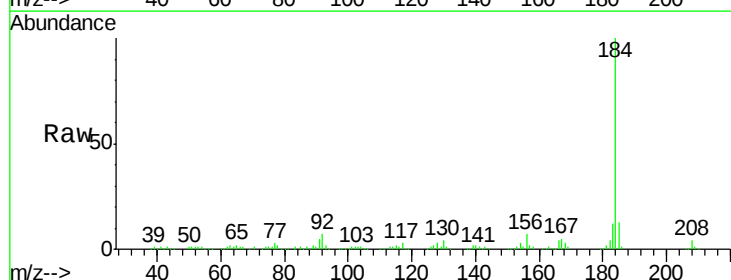
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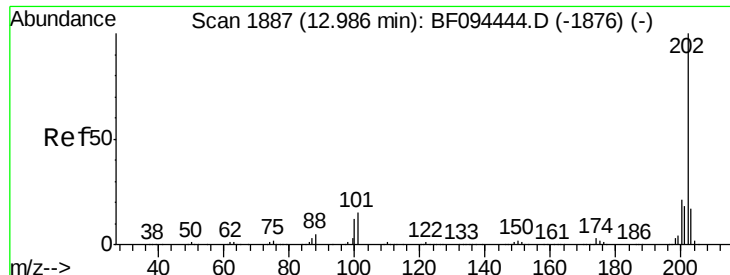
mohammad
4/21/2017 11:35:56 AM



#76
Benzidine
Concen: 22.01 ng
RT: 12.88 min Scan# 1861
Delta R.T. -0.00 min
Lab File: BF094537.D
Acq: 20 Apr 2017 11:47

Tgt Ion	Ratio	Lower	Upper
184	100		
185	13.3	15.5	23.3#
183	11.6	9.8	14.6





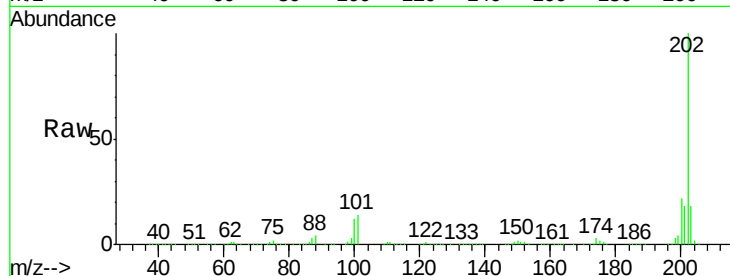
#77
Pvrene
Concen: 50.00 ng
RT: 12.98 min Scan# 1878
Delta R.T. -0.00 min
Lab File: BF094537.D
Acq: 20 Apr 2017 11:47

Instrument :
BNA_F
ClientSampleId :
PB98356BS

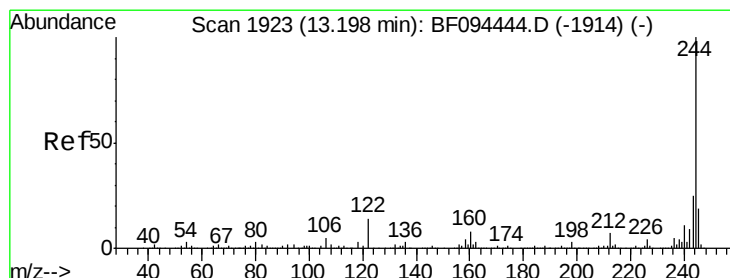
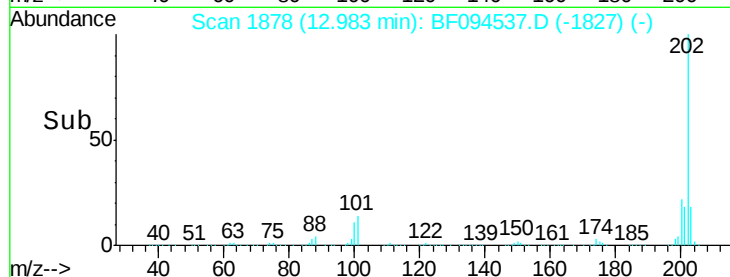
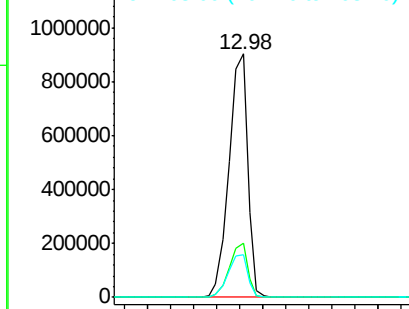
Tot Ion	Ratio	Lower	Upper
202	100		
200	22.0	17.6	26.4
203	17.8	14.4	21.6

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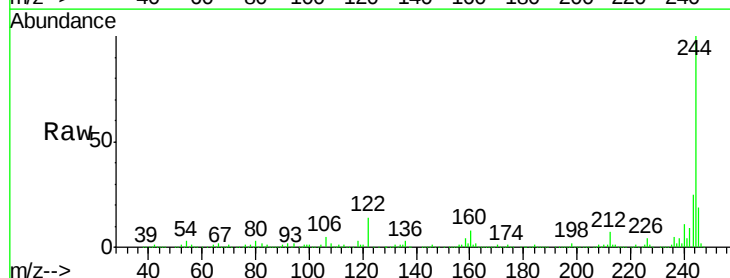


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

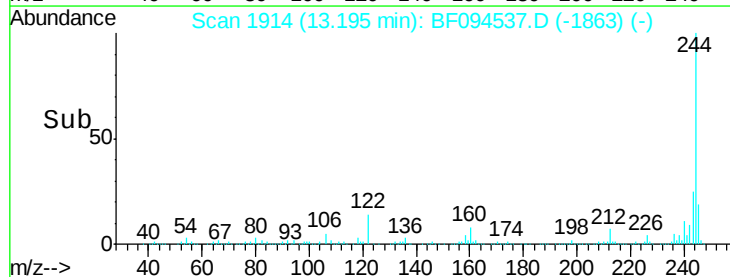
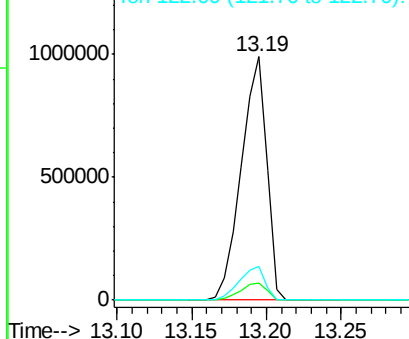


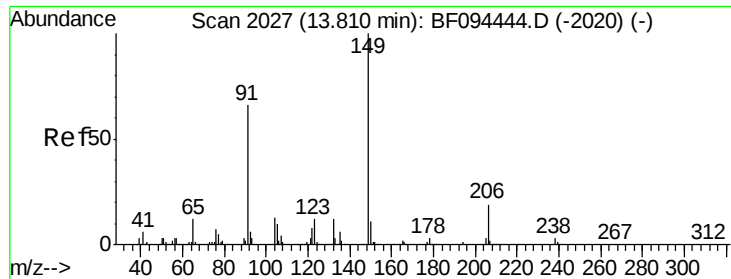
#78
Terphenyl-d14
Concen: 107.57 ng
RT: 13.19 min Scan# 1914
Delta R.T. -0.00 min
Lab File: BF094537.D
Acq: 20 Apr 2017 11:47

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.9	6.0	9.0
122	13.8	10.3	15.5



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





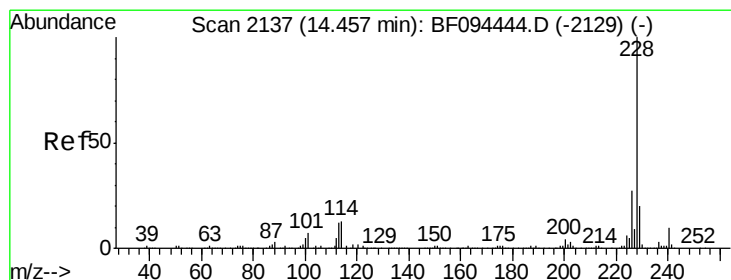
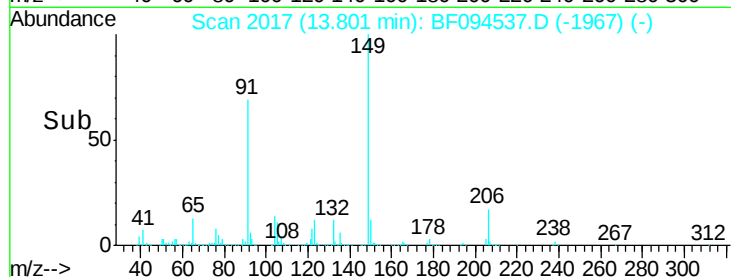
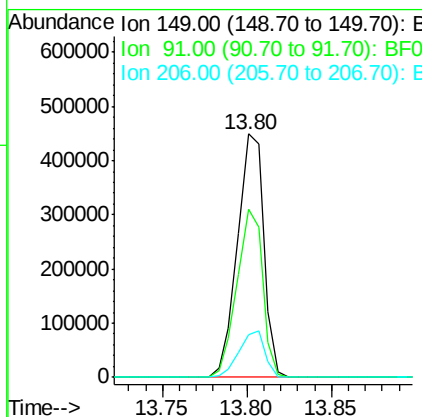
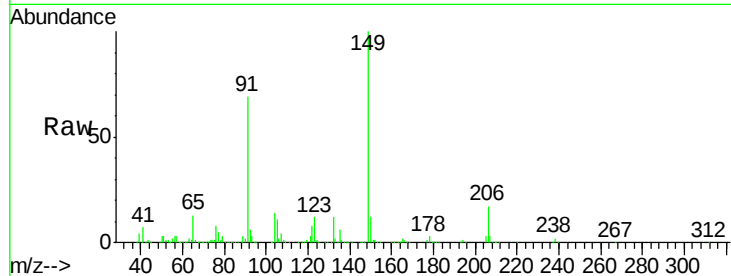
#79
Butylbenzylphthalate
Concen: 55.01 ng
RT: 13.80 min Scan# 2017
Delta R.T. -0.01 min
Lab File: BF094537.D
Acq: 20 Apr 2017 11:47

Instrument :
BNA_F
ClientSampleId :
PB98356BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	489892		
91	69.2	45.0	67.4#	
206	17.3	17.0	25.6	

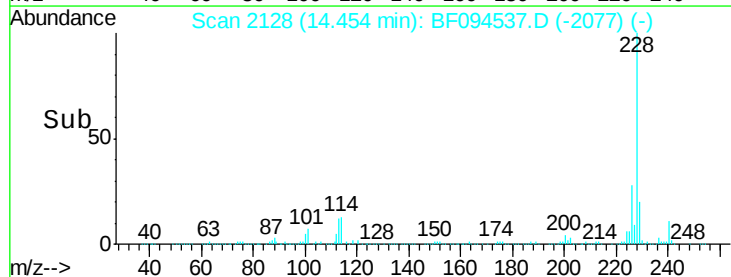
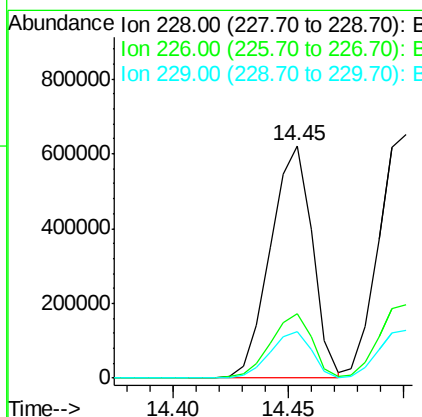
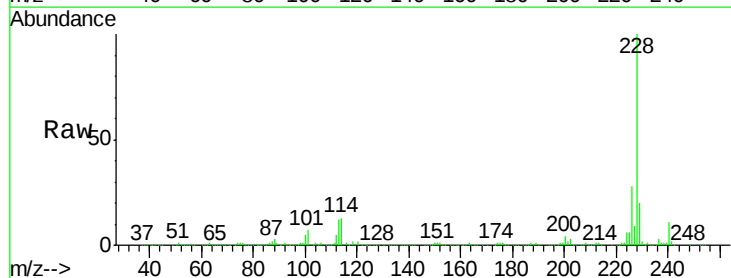
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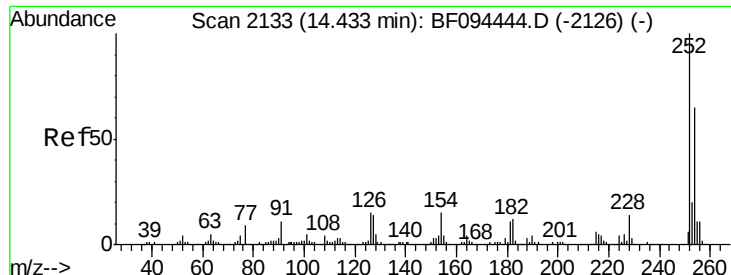
mohammad
4/21/2017 11:35:56 AM



#80
Benzo(a)anthracene
Concen: 46.09 ng
RT: 14.45 min Scan# 2128
Delta R.T. -0.00 min
Lab File: BF094537.D
Acq: 20 Apr 2017 11:47

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	779145		
226	28.0	22.6	33.8	
229	20.1	16.3	24.5	





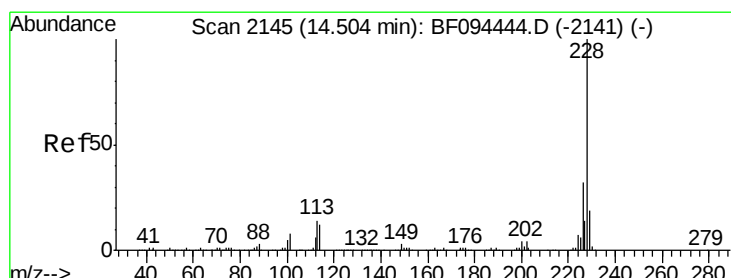
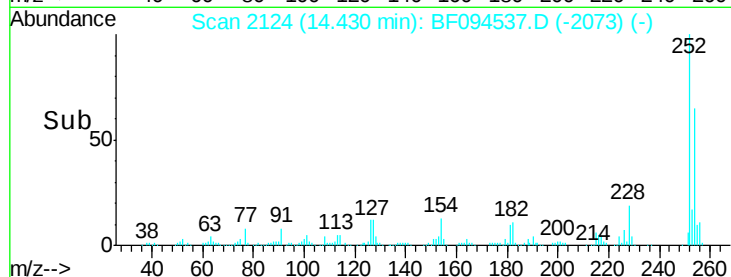
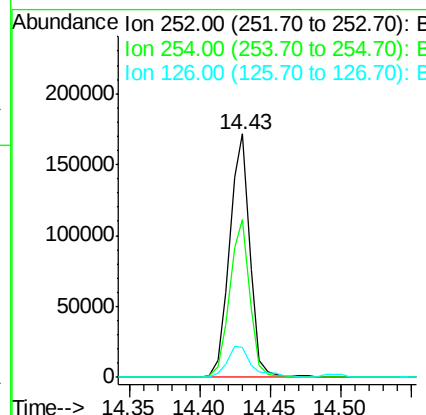
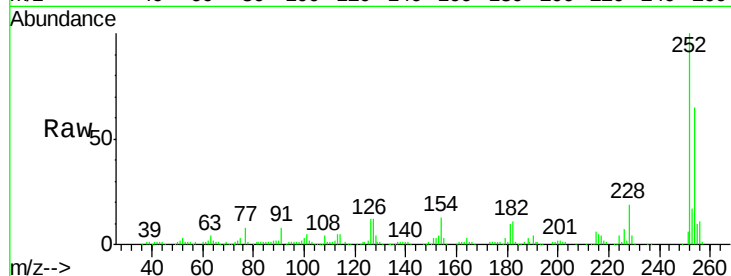
#81
 3,3'-Dichlorobenzidine
 Concen: 28.60 ng
 RT: 14.43 min Scan# 2124
 Delta R.T. -0.00 min
 Lab File: BF094537.D
 Acq: 20 Apr 2017 11:47

Instrument :
 BNA_F
 ClientSampleId :
 PB98356BS

Tot Ion	Ratio	Resp	Lower	Upper
252	100	171163		
254	64.7	51.5	77.3	
126	12.3	15.8	23.8	

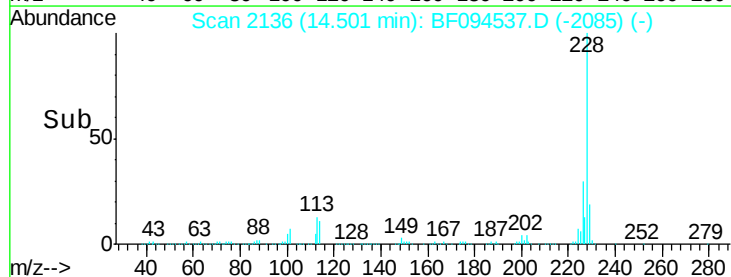
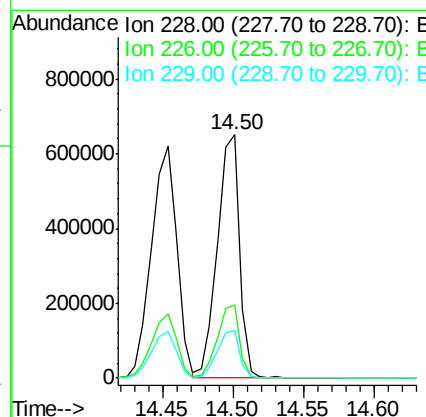
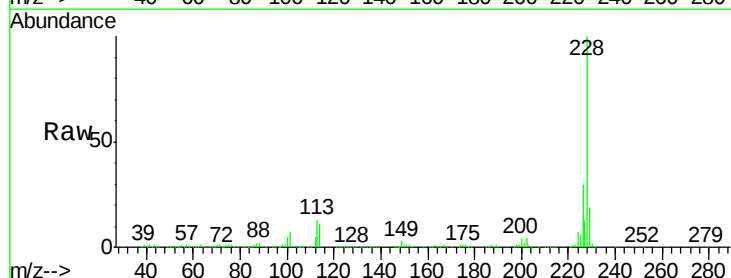
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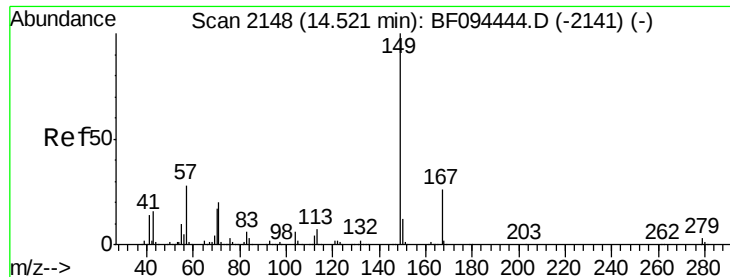
mohammad
 4/21/2017 11:35:56 AM



#82
 Chrysene
 Concen: 46.09 ng
 RT: 14.50 min Scan# 2136
 Delta R.T. -0.00 min
 Lab File: BF094537.D
 Acq: 20 Apr 2017 11:47

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	712115		
226	30.3	24.9	37.3	
229	19.4	15.8	23.6	





#83

Bis(2-ethylhexyl)phthalate

Concen: 56.70 ng

RT: 14.52 min Scan# 2139

Delta R.T. -0.00 min

Lab File: BF094537.D

Acq: 20 Apr 2017 11:47

Instrument :

BNA_F

ClientSampleId :

PB98356BS

Tot Ion:149 Resp: 677940

Ion Ratio Lower Upper

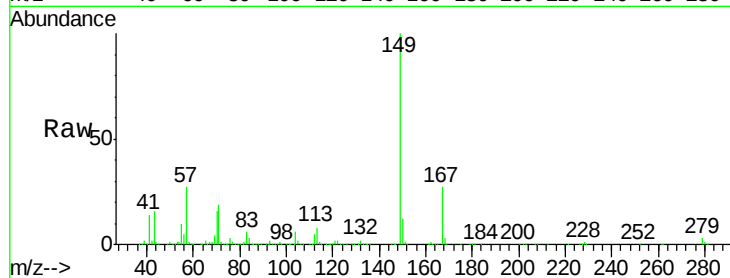
149 100

167 26.6 21.0 31.4

279 3.0 1.9 2.9#

Manual Integrations
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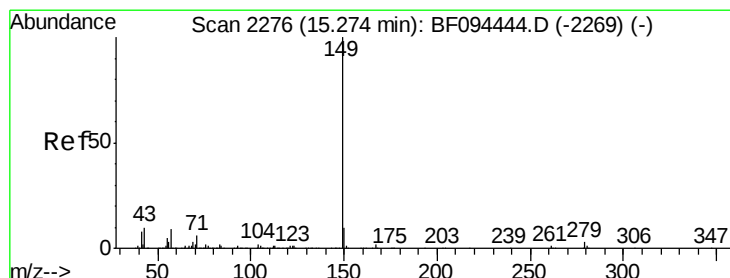
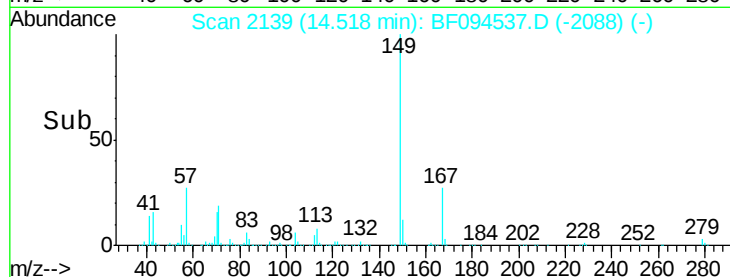
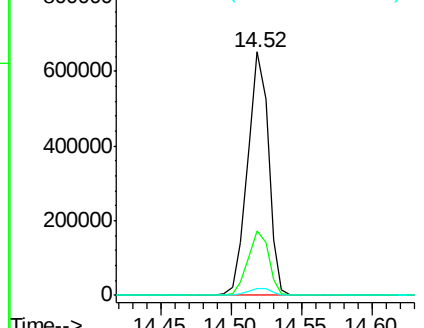
mohammad
4/21/2017 11:35:56 AM



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 50.78 ng

RT: 15.27 min Scan# 2267

Delta R.T. -0.00 min

Lab File: BF094537.D

Acq: 20 Apr 2017 11:47

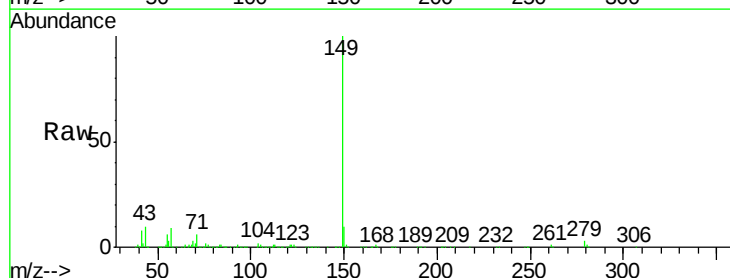
Tgt Ion:149 Resp: 1018503

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

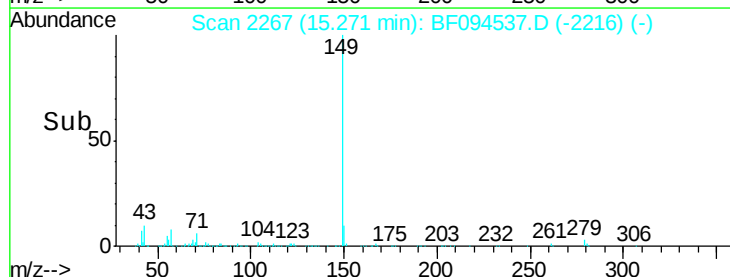
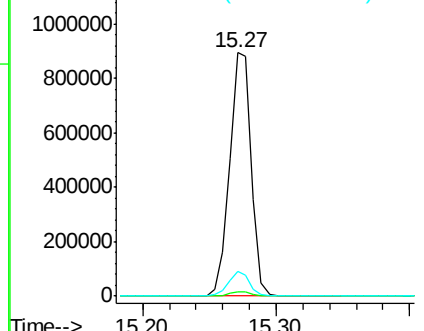
43 9.3 8.5 12.7

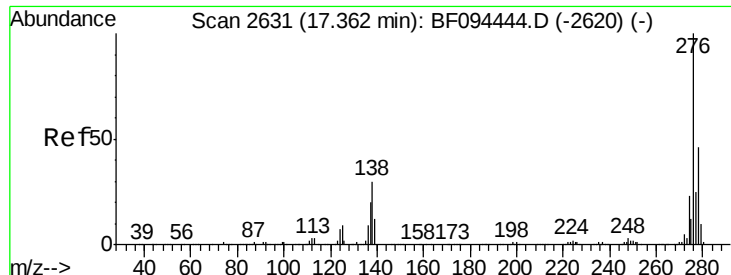


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0





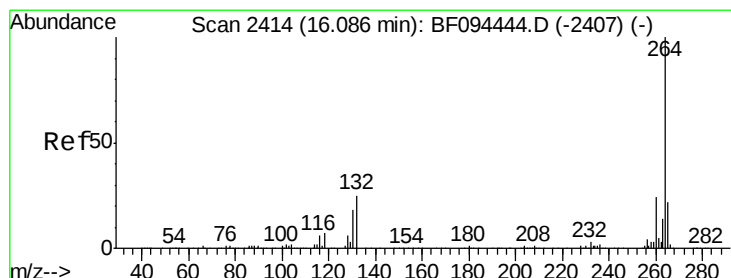
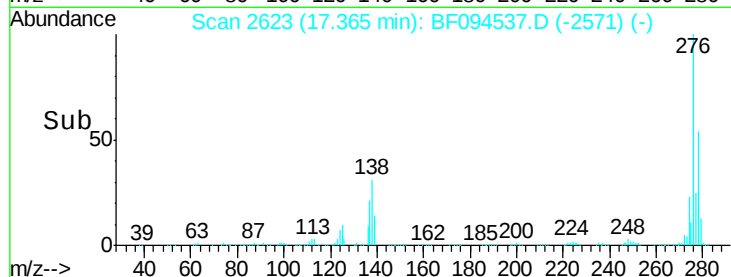
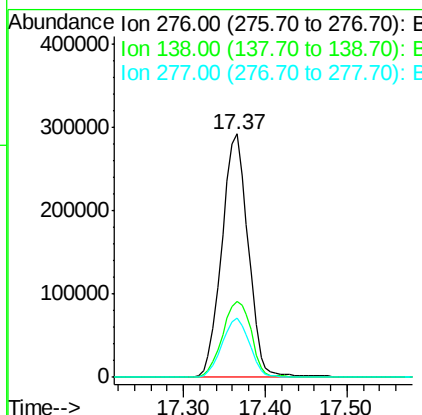
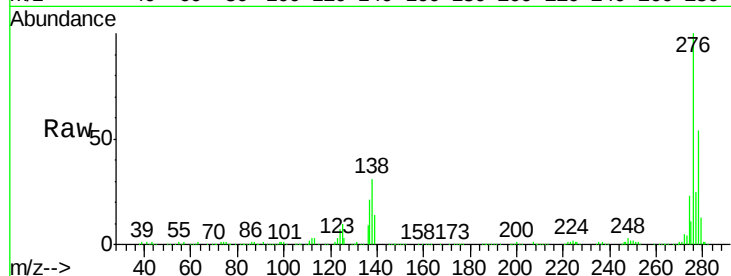
#85
Indeno(1,2,3-cd)pyrene
Concen: 44.85 ng
RT: 17.37 min Scan# 2623
Delta R.T. 0.00 min
Lab File: BF094537.D
Acq: 20 Apr 2017 11:47

Instrument :
BNA_F
ClientSampleId :
PB98356BS

Tot Ion	Ratio	Lower	Upper
276	100		
138	33.9	27.8	41.6
277	25.4	20.2	30.4

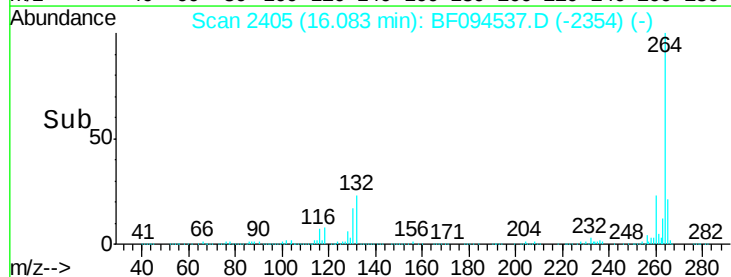
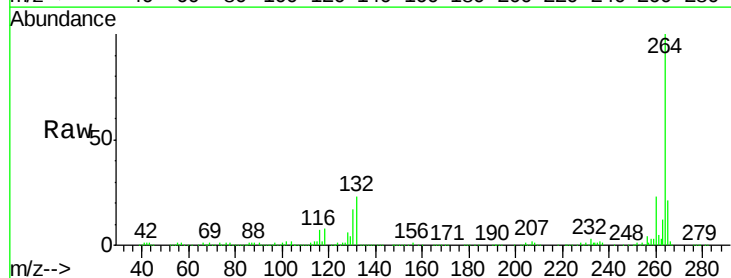
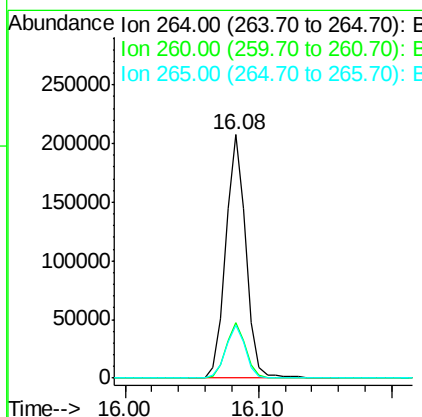
Manual Integrations
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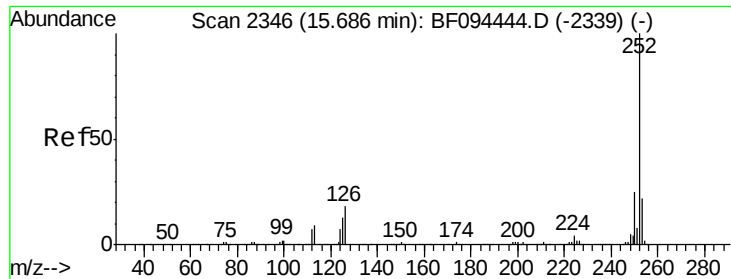
mohammad
4/21/2017 11:35:56 AM



#86
Perylene-d12
Concen: 20.00 ng
RT: 16.08 min Scan# 2405
Delta R.T. -0.00 min
Lab File: BF094537.D
Acq: 20 Apr 2017 11:47

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.0	19.5	29.3
265	21.5	17.2	25.8





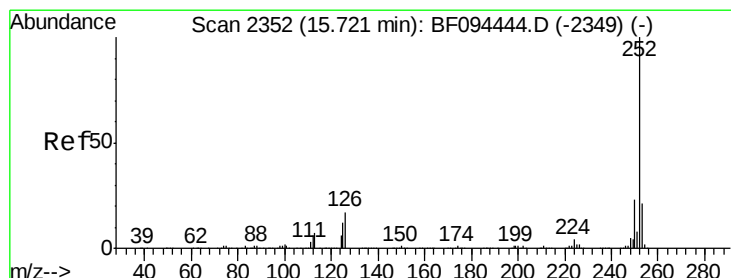
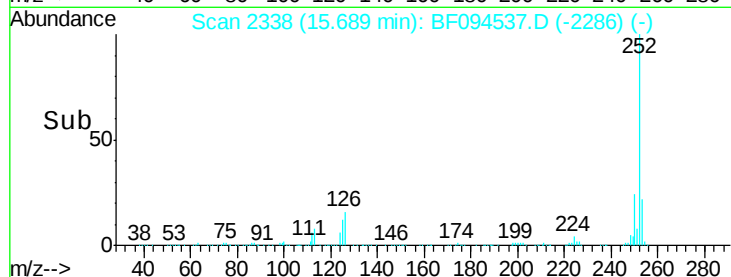
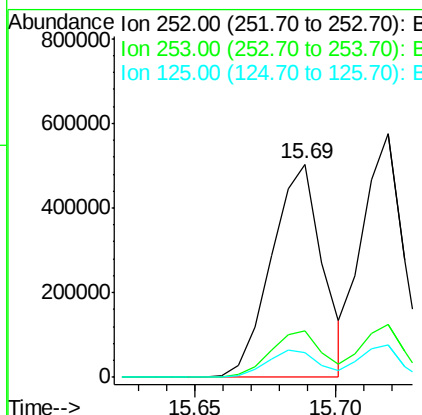
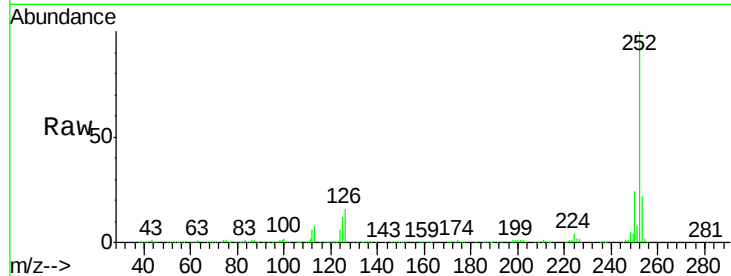
#87
Benzo(b)fluoranthene
Concen: 46.92 ng
RT: 15.69 min Scan# 2338
Delta R.T. 0.00 min
Lab File: BF094537.D
Acq: 20 Apr 2017 11:47

Instrument :
BNA_F
ClientSampleId :
PB98356BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.8	18.1	27.1
125	11.5	9.8	14.8

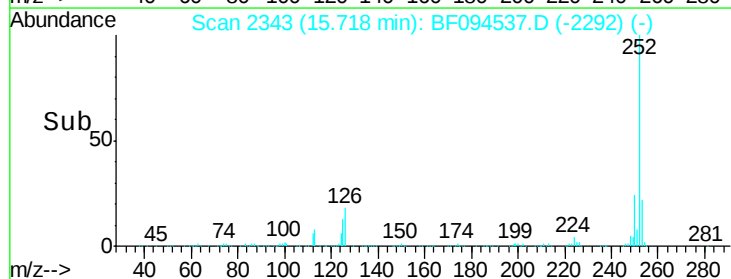
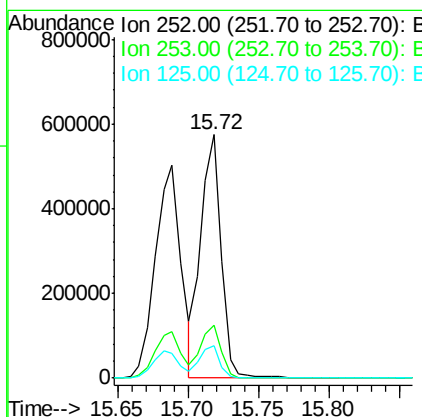
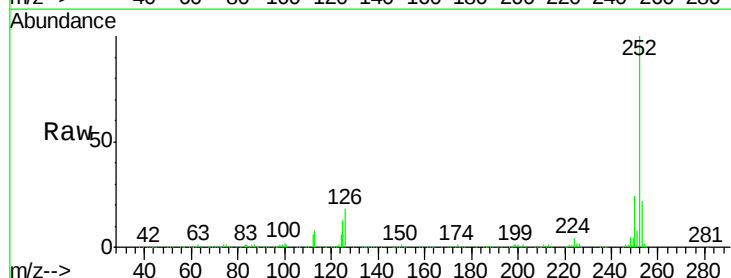
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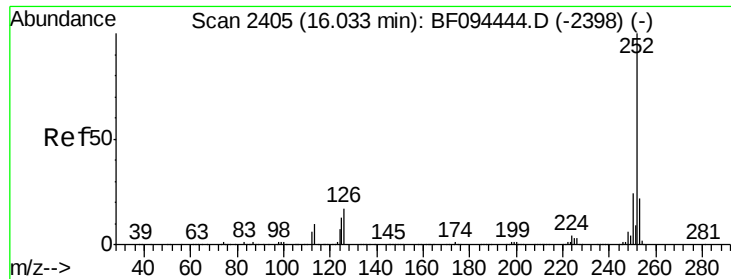
mohammad
4/21/2017 11:35:56 AM



#88
Benzo(k)fluoranthene
Concen: 45.23 ng
RT: 15.72 min Scan# 2343
Delta R.T. -0.00 min
Lab File: BF094537.D
Acq: 20 Apr 2017 11:47

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.8	18.4	27.6
125	13.2	13.1	19.7





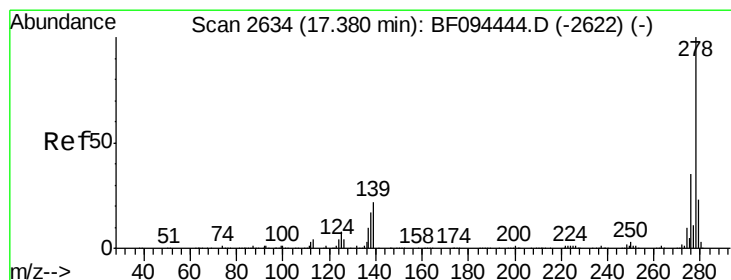
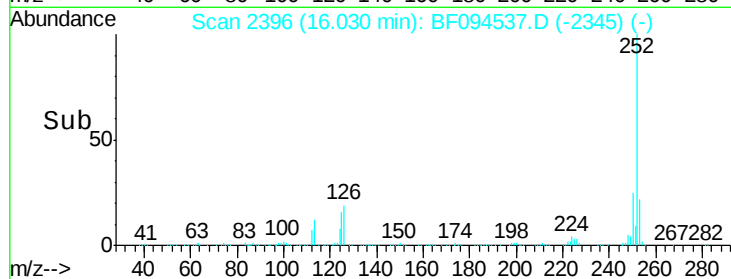
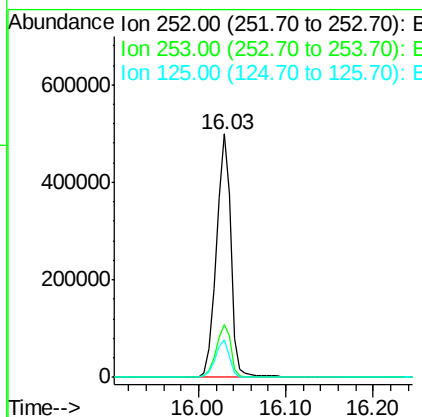
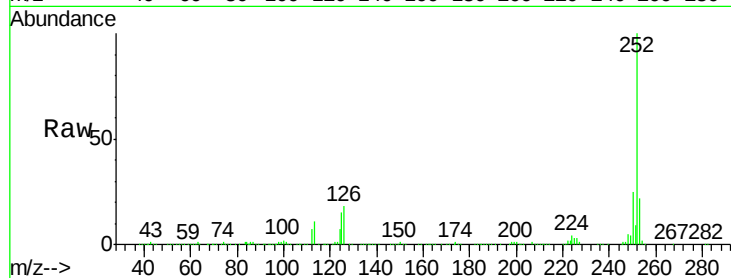
#89
Benzo(a)pyrene
Concen: 45.87 ng
RT: 16.03 min Scan# 2396
Delta R.T. -0.00 min
Lab File: BF094537.D
Acq: 20 Apr 2017 11:47

Instrument :
BNA_F
ClientSampleId :
PB98356BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.6	17.5	26.3
125	15.2	11.0	16.4

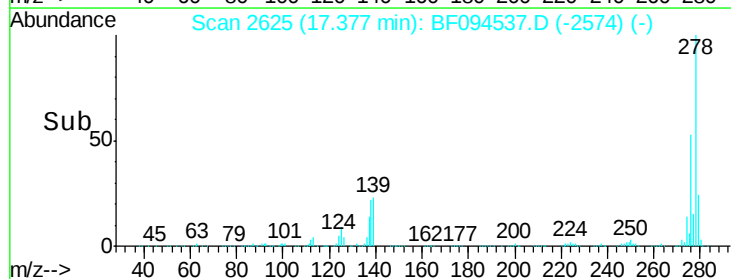
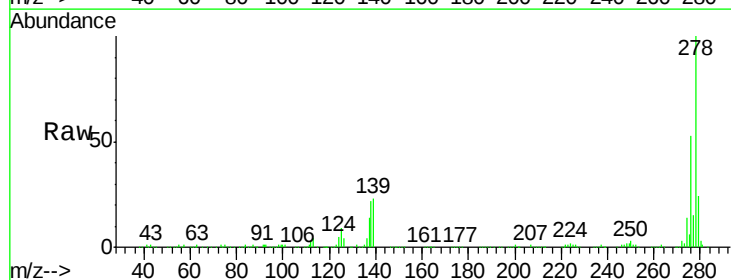
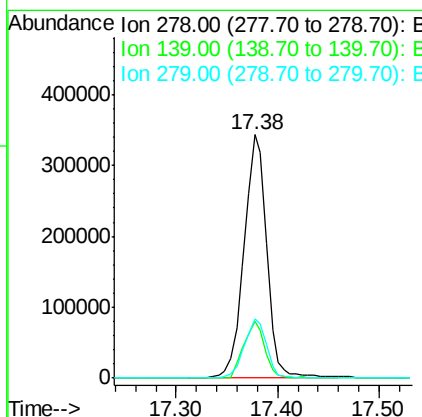
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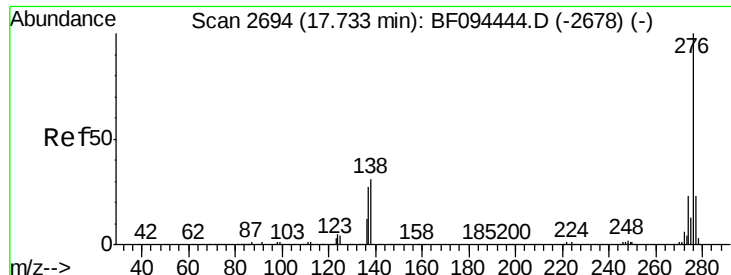
mohammad
4/21/2017 11:35:56 AM



#90
Dibenzo(a,h)anthracene
Concen: 51.50 ng
RT: 17.38 min Scan# 2625
Delta R.T. -0.00 min
Lab File: BF094537.D
Acq: 20 Apr 2017 11:47

Tgt Ion	Ratio	Lower	Upper
278	100		
139	23.2	16.6	24.8
279	24.2	19.3	28.9





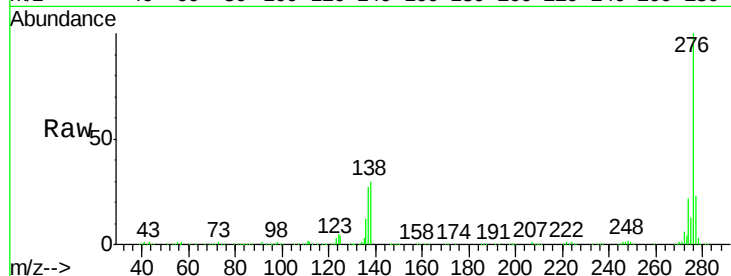
#91
 Benzo(a,h,i)perylene
 Concen: 53.40 ng
 RT: 17.74 min Scan# 2686
 Delta R.T. 0.00 min
 Lab File: BF094537.D
 Acq: 20 Apr 2017 11:47

Instrument :
 BNA_F
 ClientSampleId :
 PB98356BS

Tot Ion:	276	Resp:	566056
Ion Ratio		Lower	Upper
276	100		
277	23.2	18.6	28.0
138	30.5	25.4	38.0

Manual Integrations
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Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

