

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041317\
 Data File : BF094394.D
 Acq On : 13 Apr 2017 17:01
 Operator : SJ/MA
 Sample : PB98229BS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB98229BS

Manual Integrations
 APPROVED

mohammad
 4/14/2017 1:37:10 PM

Quant Time: Apr 14 01:57:30 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 14 01:21:26 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.79	152	151084	20.00	ng	-0.04
21) Naphthalene-d8	7.29	136	611431	20.00	ng	-0.04
38) Acenaphthene-d10	9.43	164	286005	20.00	ng	-0.05
63) Phenanthrene-d10	11.25	188	495494	20.00	ng	-0.04
75) Chrysene-d12	14.50	240	404621	20.00	ng	-0.05
86) Perylene-d12	16.12	264	318144	20.00	ng	-0.05

System Monitoring Compounds						
5) 2-Fluorophenol	4.35	112	1126661	125.95	ng	-0.02
7) Phenol-d6	5.43	99	1425811	128.85	ng	-0.04
23) Nitrobenzene-d5	6.44	82	901290	84.12	ng	-0.05
41) 2,4,6-Tribromophenol	10.41	330	306091	135.44	ng	-0.04
44) 2-Fluorobiphenyl	8.62	172	1704475	90.90	ng	-0.04
78) Terphenyl-d14	13.23	244	1437390	79.63	ng	-0.05

Target Compounds						Qvalue
2) 1,4-Dioxane	2.17	88	140397	32.67	ng	97
3) Pyridine	2.65	79	416590	35.57	ng	96
4) n-Nitrosodimethylamine	2.62	42	194296	40.32	ng	93
6) Aniline	5.42	93	320328	20.81	ng	# 84
8) 2-Chlorophenol	5.56	128	437969	44.54	ng	97
9) Benzaldehyde	5.28	77	123206	16.49	ng	98
10) Phenol	5.44	94	522045	41.46	ng	91
11) bis(2-Chloroethyl)ether	5.50	93	408601	41.52	ng	95
12) 1,3-Dichlorobenzene	5.72	146	474254	43.00	ng	98
13) 1,4-Dichlorobenzene	5.81	146	478010	42.79	ng	97
14) 1,2-Dichlorobenzene	5.98	146	439928	42.77	ng	97
15) Benzyl Alcohol	5.97	79	339485	41.91	ng	98
16) 2,2'-oxybis(1-Chloropropan	6.12	45	536983	35.41	ng	# 27
17) 2-Methylphenol	6.12	107	358749	42.60	ng	# 87
18) Hexachloroethane	6.37	117	166261	42.35	ng	# 88
19) n-Nitroso-di-n-propylamine	6.28	70	319469	44.92	ng	95
20) 3+4-Methylphenols	6.30	107	496070	48.64	ng	# 62
22) Acetophenone	6.26	105	625767	45.92	ng	# 86
24) Nitrobenzene	6.46	77	448287	42.42	ng	95
25) Isophorone	6.75	82	809875	43.02	ng	95
26) 2-Nitrophenol	6.84	139	252101	50.03	ng	98
27) 2,4-Dimethylphenol	6.92	122	409270	47.14	ng	97
28) bis(2-Chloroethoxy)methane	7.02	93	529846	42.68	ng	98
29) 2,4-Dichlorophenol	7.15	162	390503	48.10	ng	99
30) 1,2,4-Trichlorobenzene	7.23	180	384090	45.93	ng	99
31) Naphthalene	7.32	128	1257476	42.77	ng	99
32) Benzoic acid	7.10	122	193904	33.55	ng	94
33) 4-Chloroaniline	7.39	127	140245	11.77	ng	# 91
34) Hexachlorobutadiene	7.47	225	192169	44.82	ng	98
35) Caprolactam	7.83	113	123516m	47.71	ng	
36) 4-Chloro-3-methylphenol	8.03	107	407397	48.03	ng	90
37) 2-Methylnaphthalene	8.16	142	892857	45.56	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.37	216	333231	42.59	ng	99
40) Hexachlorocyclopentadiene	8.35	237	330942	90.39	ng	99

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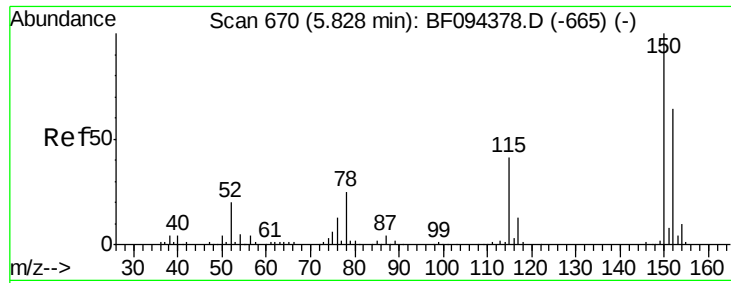
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.52	196	249754	45.12	nq	97
43) 2,4,5-Trichlorophenol	8.58	196	253296	42.29	nq	# 92
45) 1,1'-Biphenyl	8.73	154	995002	43.13	nq	98
46) 2-Chloronaphthalene	8.75	162	789259	43.71	nq	94
47) 2-Nitroaniline	8.89	65	234412	43.76	nq	# 86
48) Acenaphthylene	9.26	152	1231784	41.04	nq	99
49) Dimethylphthalate	9.13	163	951156	46.78	nq	100
50) 2,6-Dinitrotoluene	9.19	165	215681	46.28	nq	90
51) Acenaphthene	9.47	154	744409	42.51	nq	100
52) 3-Nitroaniline	9.39	138	106976	19.55	nq	90
53) 2,4-Dinitrophenol	9.53	184	194270	78.02	nq	# 71
54) Dibenzofuran	9.69	168	1063895	44.63	nq	99
55) 4-Nitrophenol	9.66	139	381645m	89.05	nq	
56) 2,4-Dinitrotoluene	9.69	165	254617	43.49	nq	# 91
57) Fluorene	10.10	166	822426	41.60	nq	100
58) 2,3,4,6-Tetrachlorophenol	9.85	232	185623	45.17	nq	98
59) Diethylphthalate	9.99	149	903999	44.99	nq	99
60) 4-Chlorophenyl-phenylether	10.11	204	358693	42.59	nq	96
61) 4-Nitroaniline	10.16	138	212861	40.53	nq	95
62) Azobenzene	10.31	77	855831	45.02	nq	94
64) 4,6-Dinitro-2-methylphenol	10.19	198	144281	47.55	nq	# 74
65) n-Nitrosodiphenylamine	10.27	169	766354	44.72	nq	99
66) 4-Bromophenyl-phenylether	10.71	248	228016	46.79	nq	99
67) Hexachlorobenzene	10.78	284	224765	45.56	nq	# 84
68) Atrazine	10.94	200	232795	45.36	nq	95
69) Pentachlorophenol	11.04	266	176481	57.48	nq	98
70) Phenanthrene	11.28	178	1210523	43.92	nq	99
71) Anthracene	11.35	178	1248694	44.00	nq	98
72) Carbazole	11.55	167	1165037	40.03	nq	99
73) Di-n-butylphthalate	12.00	149	1407689	46.51	nq	100
74) Fluoranthene	12.74	202	1236381	43.81	nq	99
76) Benzidine	12.91	184	413223	25.80	nq	# 93
77) Pyrene	13.02	202	1259410	42.89	nq	100
79) Butylbenzylphthalate	13.84	149	605339	48.38	nq	88
80) Benzo(a)anthracene	14.49	228	1054519	44.69	nq	98
81) 3,3'-Dichlorobenzidine	14.46	252	195793	23.22	nq	# 97
82) Chrysene	14.53	228	937917	42.84	nq	99
83) Bis(2-ethylhexyl)phthalate	14.55	149	845281	49.52	nq	# 98
84) Di-n-octyl phthalate	15.31	149	1408813	49.40	nq	98
85) Indeno(1,2,3-cd)pyrene	17.41	276	825639	43.54	nq	99
87) Benzo(b)fluoranthene	15.72	252	882778	45.27	nq	99
88) Benzo(k)fluoranthene	15.75	252	875939	45.91	nq	96
89) Benzo(a)pyrene	16.07	252	822389	45.79	nq	100
90) Dibenzo(a,h)anthracene	17.43	278	676434	44.48	nq	98
91) Benzo(g,h,i)perylene	17.79	276	688698	44.93	nq	97

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



#1

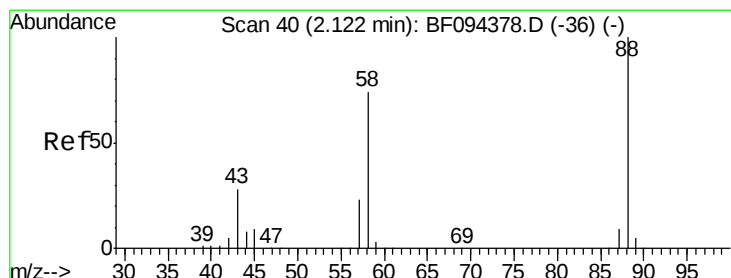
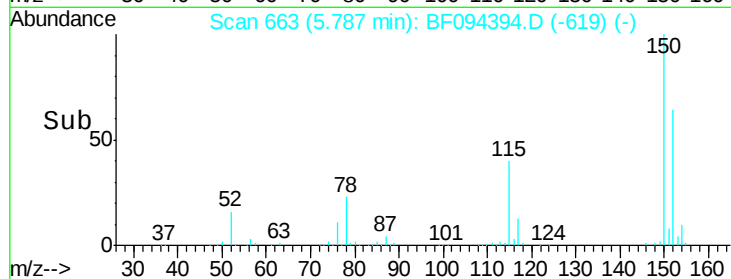
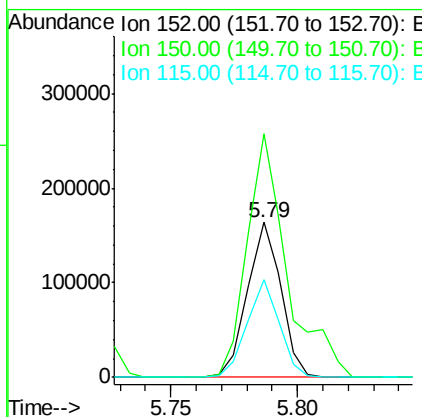
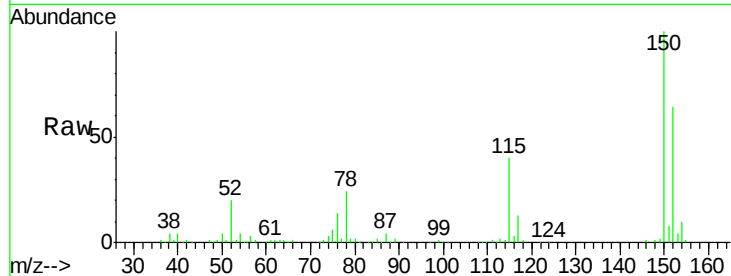
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 5.79 min Scan# 663
Delta R.T. -0.04 min
Lab File: BF094394.D
Acq: 13 Apr 2017 17:01

Instrument :
BNA_F
ClientSampleId :
PB98229BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.4	126.2	189.2
115	63.0	52.2	78.2

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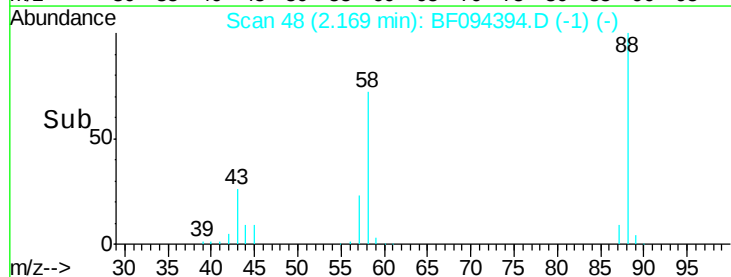
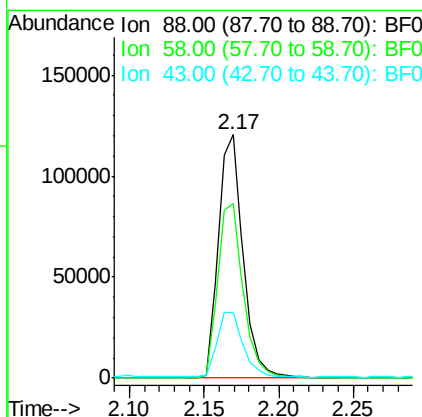
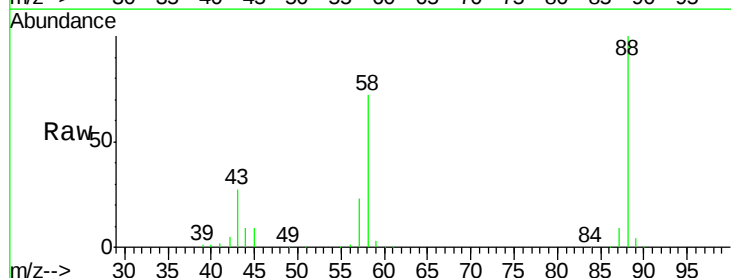
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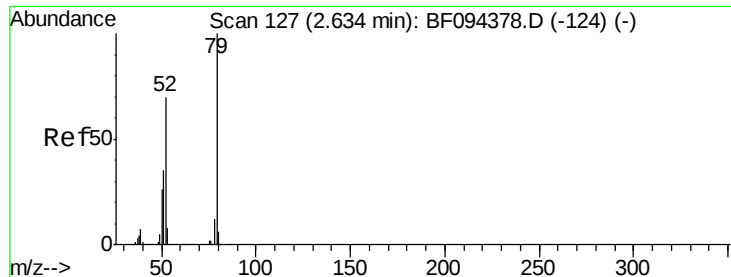


#2

1,4-Dioxane
Concen: 32.67 ng
RT: 2.17 min Scan# 48
Delta R.T. 0.05 min
Lab File: BF094394.D
Acq: 13 Apr 2017 17:01

Tgt Ion	Ratio	Lower	Upper
88	100		
58	73.9	61.4	92.0
43	28.1	23.4	35.0





#3

Pvridine

Concen: 35.57 ng

RT: 2.65 min Scan# 130

Delta R.T. 0.02 min

Lab File: BF094394.D

Acq: 13 Apr 2017 17:01

Instrument :

BNA_F

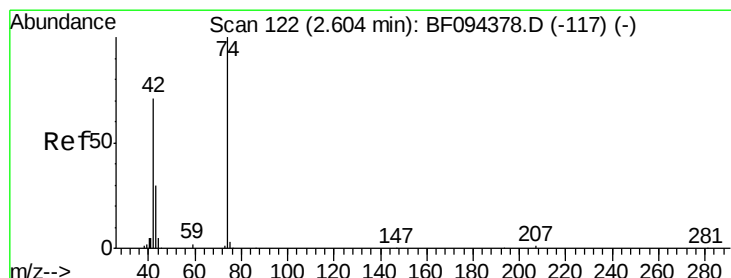
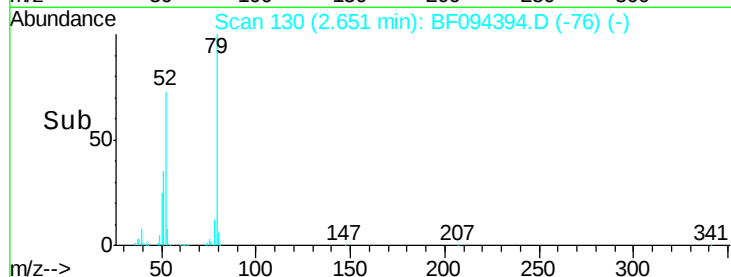
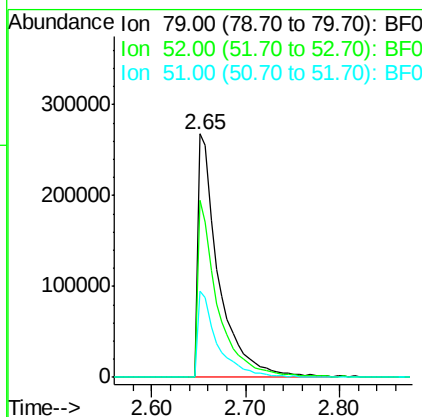
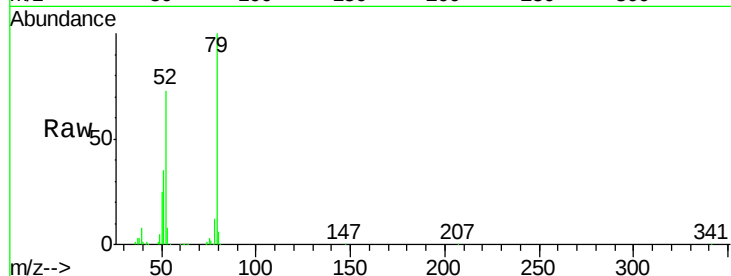
ClientSampleId :

PB98229BS

Tot Ion:	79	Resp:	416590
Ion	Ratio	Lower	Upper
79	100		
52	72.8	54.8	82.2
51	35.2	27.0	40.4

Manual Integrations
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#4

n-Nitrosodimethylamine

Concen: 40.32 ng

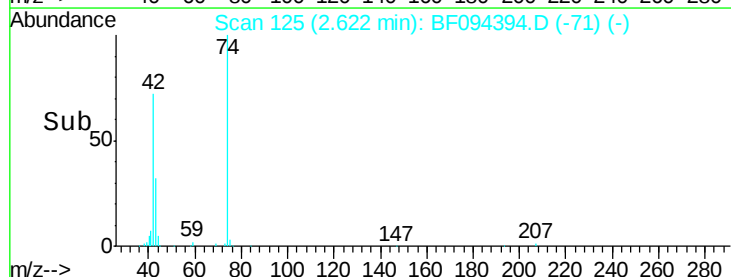
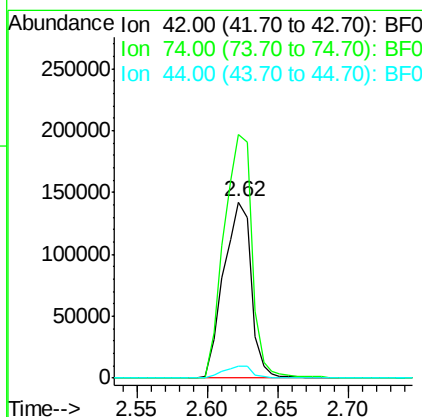
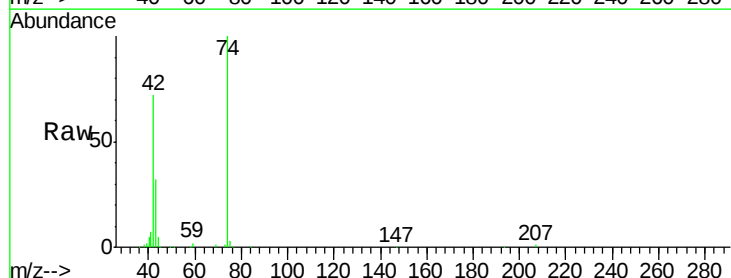
RT: 2.62 min Scan# 125

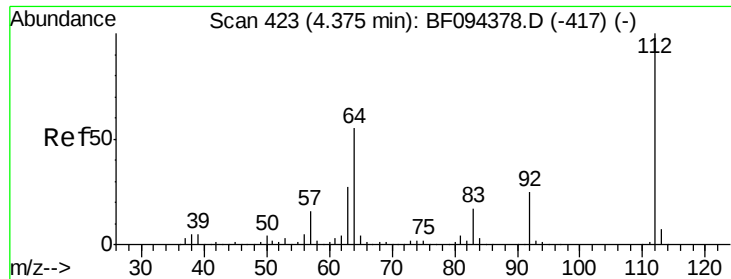
Delta R.T. 0.02 min

Lab File: BF094394.D

Acq: 13 Apr 2017 17:01

Tgt Ion:	42	Resp:	194296
Ion	Ratio	Lower	Upper
42	100		
74	138.2	103.9	155.9
44	6.5	5.7	8.5





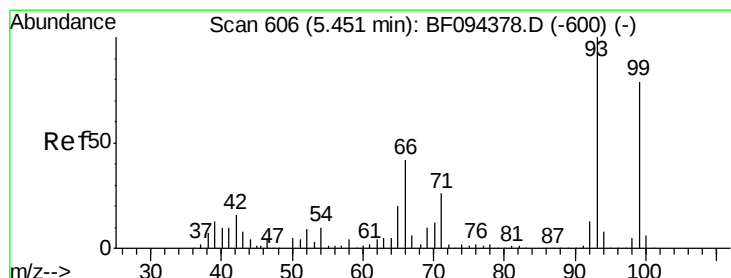
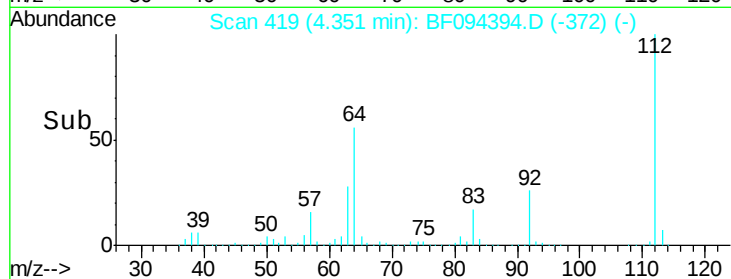
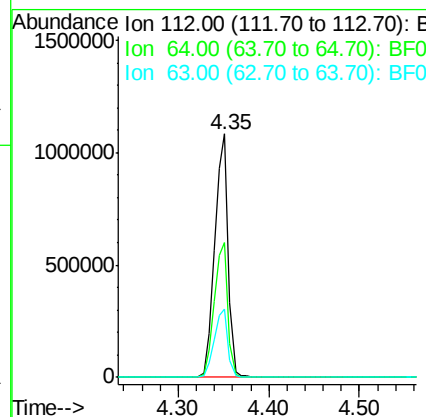
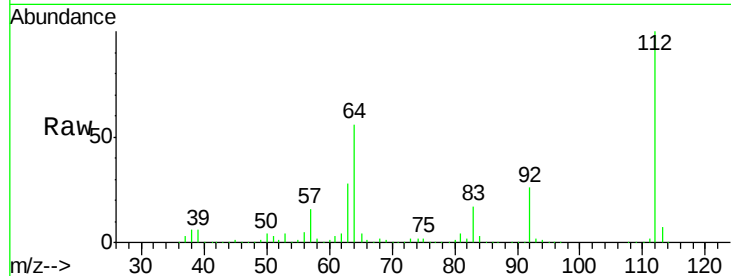
#5
 2-Fluorophenol
 Concen: 125.95 ng
 RT: 4.35 min Scan# 419
 Delta R.T. -0.02 min
 Lab File: BF094394.D
 Acq: 13 Apr 2017 17:01

Instrument :
 BNA_F
 ClientSampleId :
 PB98229BS

Tot Ion	Ratio	Resp	Lower	Upper
112	100	1126661		
64	55.6	46.0	69.0	
63	28.2	23.4	35.0	

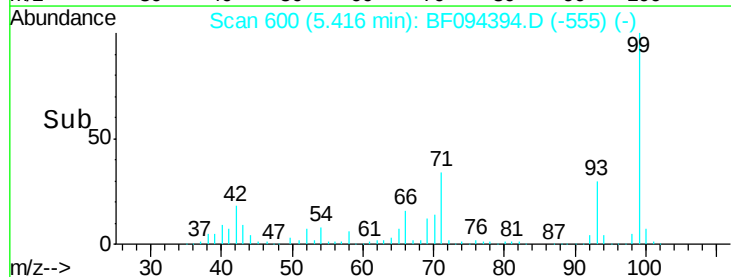
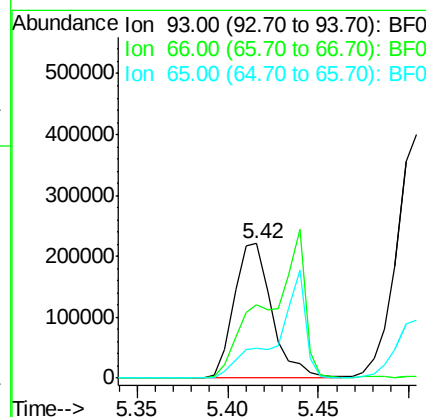
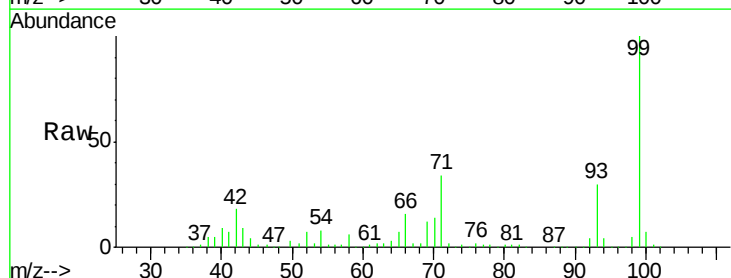
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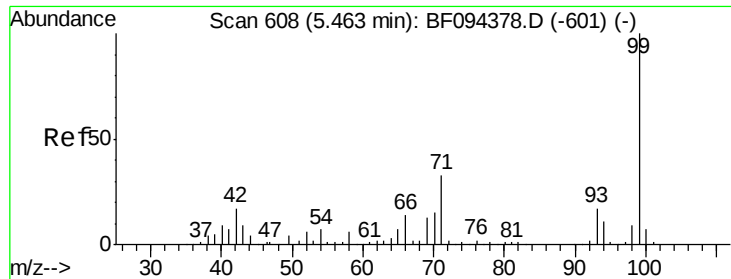
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 4/14/2017 1:37:10 PM



#6
 Aniline
 Concen: 20.81 ng
 RT: 5.42 min Scan# 600
 Delta R.T. -0.04 min
 Lab File: BF094394.D
 Acq: 13 Apr 2017 17:01

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	320328		
66	54.6	32.9	49.3#	
65	22.6	16.0	24.0	





#7

Phenol-d6

Concen: 128.85 ng

RT: 5.43 min Scan# 602

Delta R.T. -0.04 min

Lab File: BF094394.D

Acq: 13 Apr 2017 17:01

Instrument :

BNA_F

ClientSampleId :

PB98229BS

Tot Ion: 99 Resp: 1425811

Ion Ratio Lower Upper

99 100

42 17.2 13.5 20.3

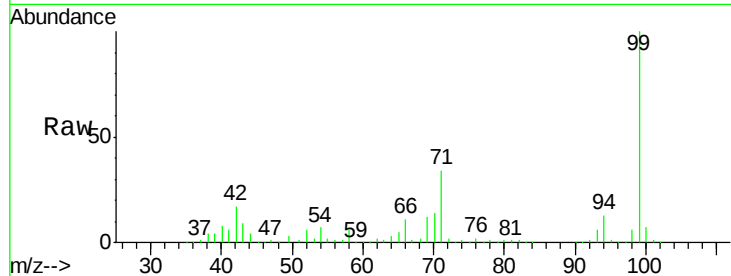
71 34.2 24.5 36.7

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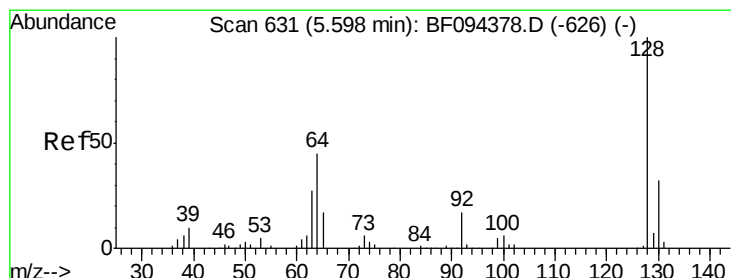
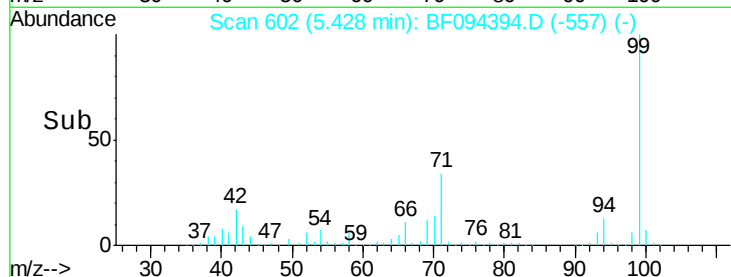
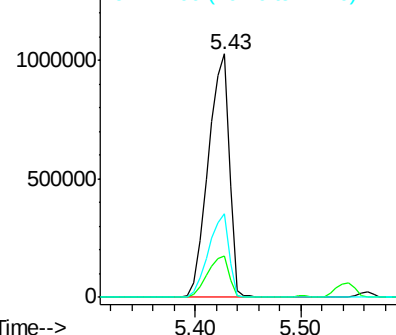
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Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 44.54 ng

RT: 5.56 min Scan# 625

Delta R.T. -0.04 min

Lab File: BF094394.D

Acq: 13 Apr 2017 17:01

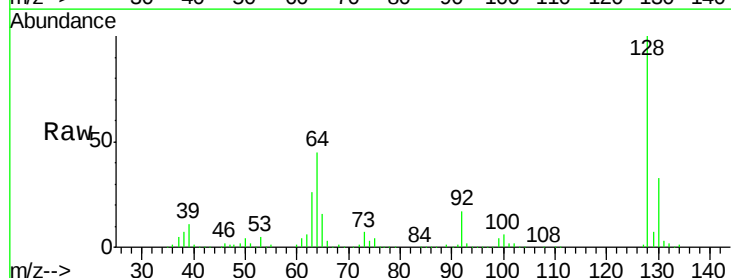
Tgt Ion: 128 Resp: 437969

Ion Ratio Lower Upper

128 100

130 32.9 12.9 52.9

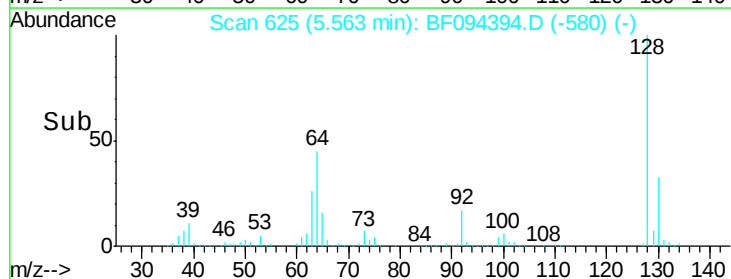
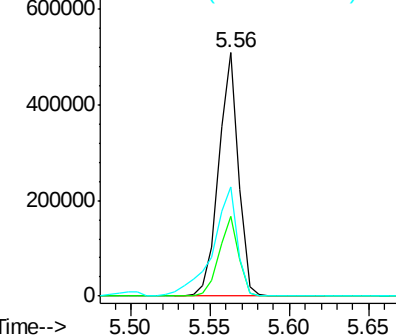
64 44.7 28.4 68.4

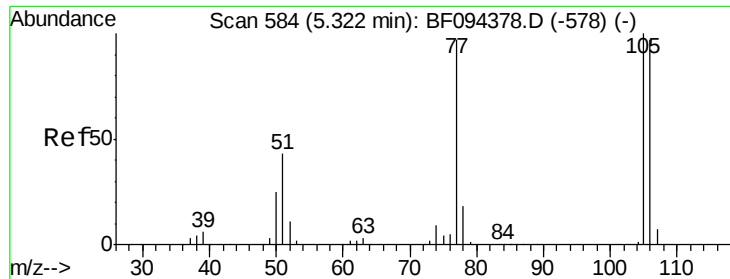


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 16.49 ng

RT: 5.28 min Scan# 577

Delta R.T. -0.04 min

Lab File: BF094394.D

Acq: 13 Apr 2017 17:01

Instrument :

BNA_F

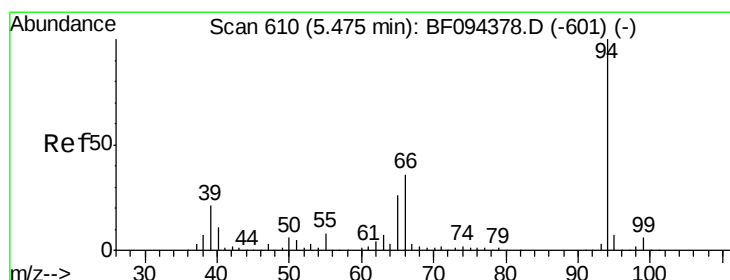
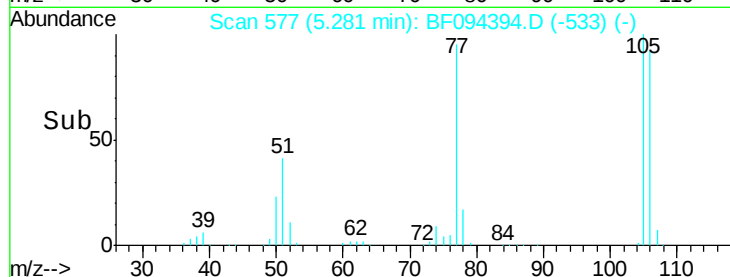
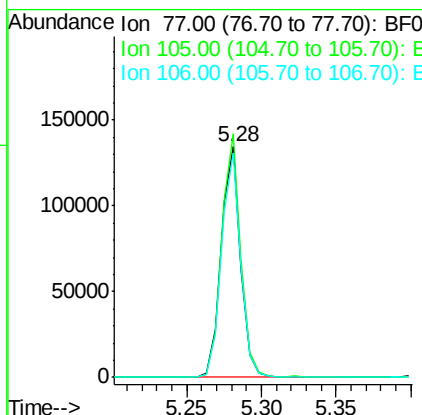
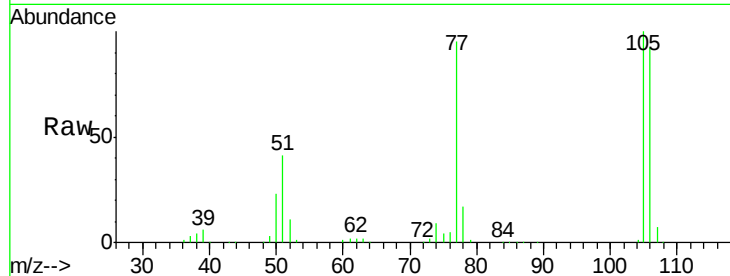
ClientSampleId :

PB98229BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100				
105	105.5	83.8	123.8		
106	97.4	79.1	119.1		

Manual Integrations
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#10

Phenol

Concen: 41.46 ng

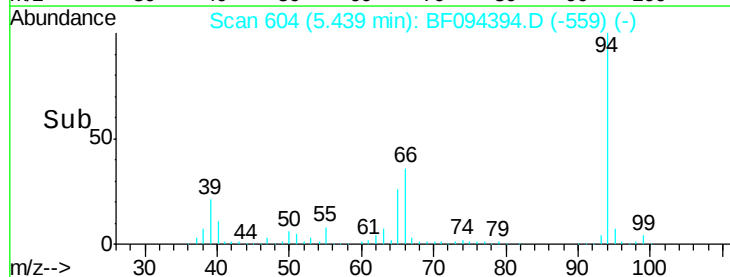
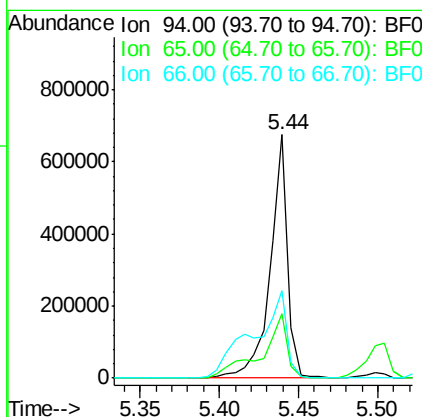
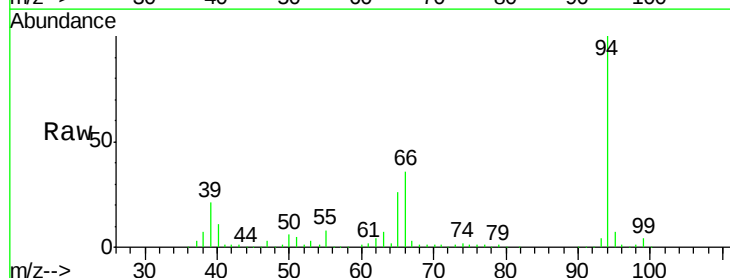
RT: 5.44 min Scan# 604

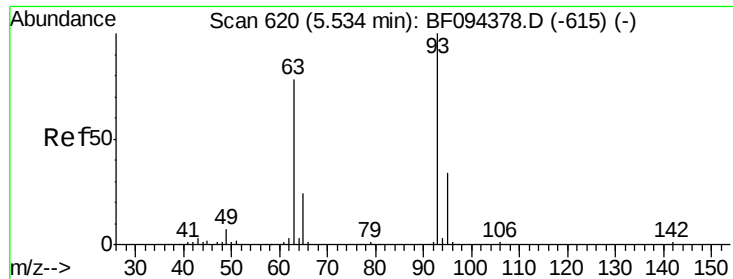
Delta R.T. -0.04 min

Lab File: BF094394.D

Acq: 13 Apr 2017 17:01

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
94	100				
65	26.2	9.9	49.9		
66	36.1	23.1	63.1		





#11

bis(2-Chloroethyl)ether

Concen: 41.52 ng

RT: 5.50 min Scan# 615

Delta R.T. -0.03 min

Lab File: BF094394.D

Acq: 13 Apr 2017 17:01

Instrument :

BNA_F

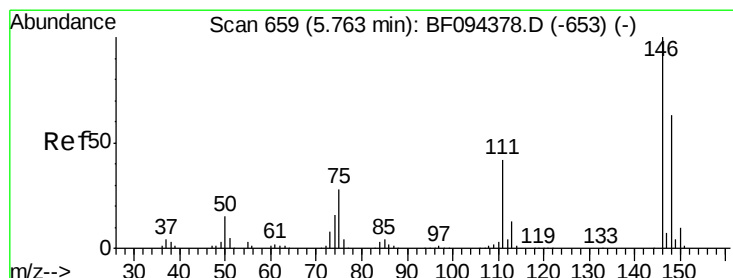
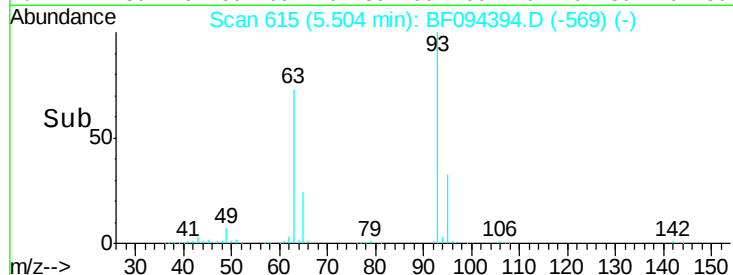
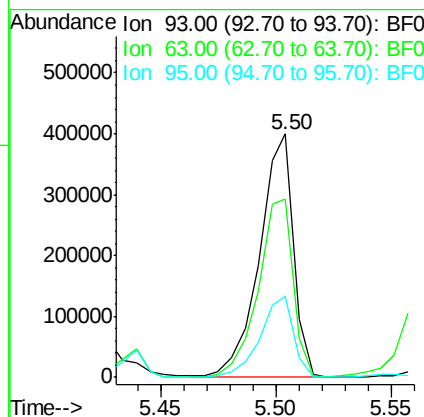
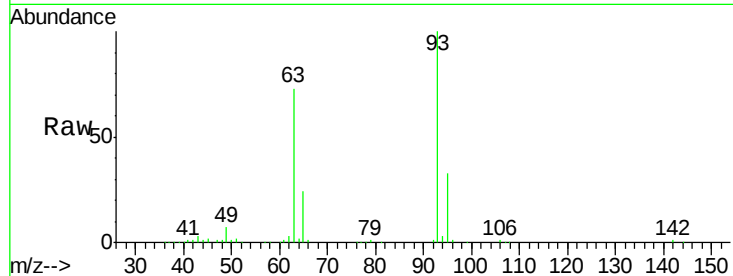
ClientSampleId :

PB98229BS

Tot Ion:	93	Resp:	408601
Ion Ratio	Lower	Upper	
93	100		
63	73.2	59.2	99.2
95	33.3	12.8	52.8

Manual Integrations
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#12

1,3-Dichlorobenzene

Concen: 43.00 ng

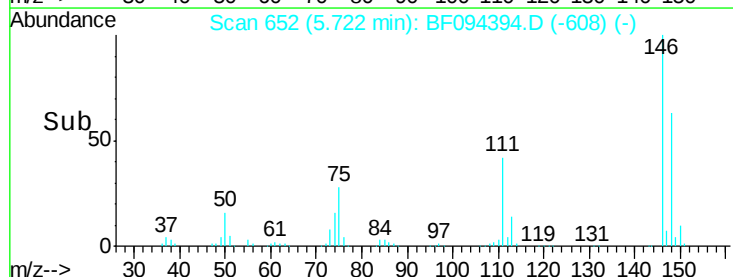
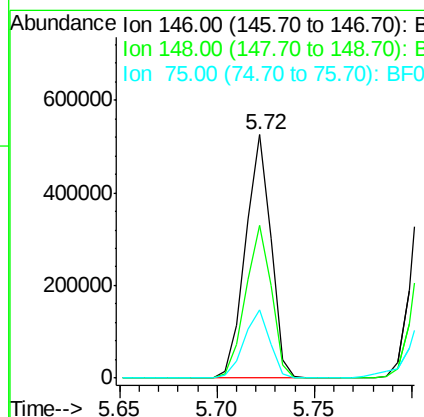
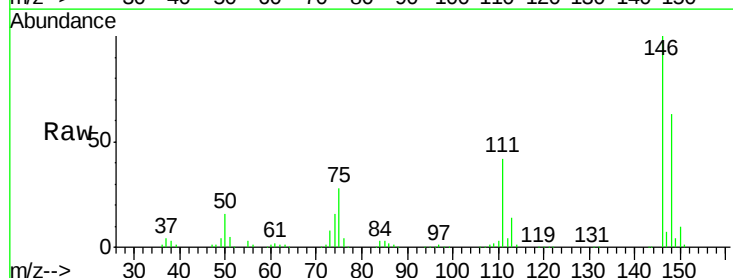
RT: 5.72 min Scan# 652

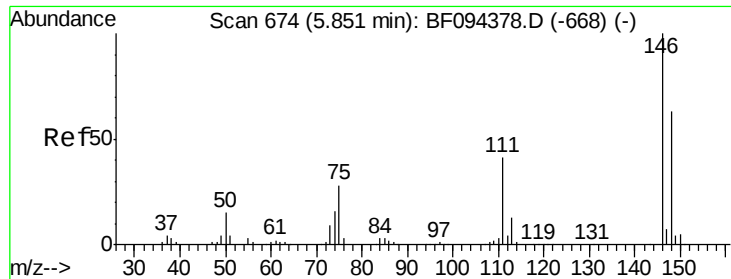
Delta R.T. -0.04 min

Lab File: BF094394.D

Acq: 13 Apr 2017 17:01

Tgt Ion:	146	Resp:	474254
Ion Ratio	Lower	Upper	
146	100		
148	62.9	51.8	77.6
75	27.8	23.1	34.7





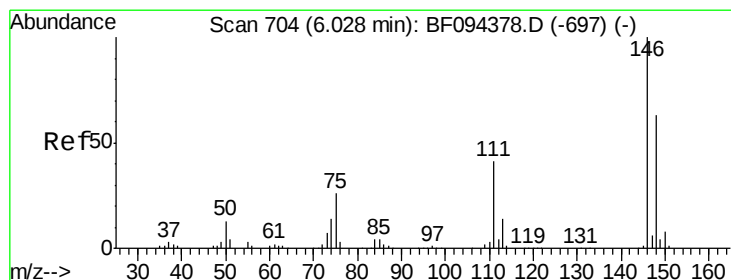
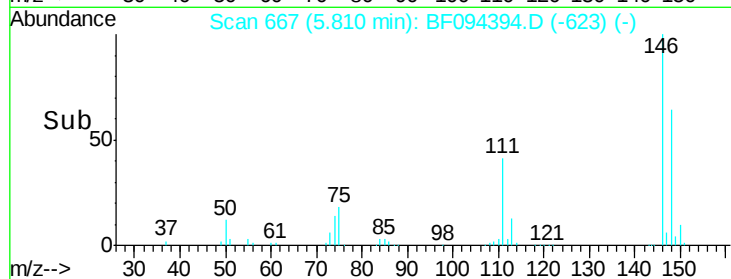
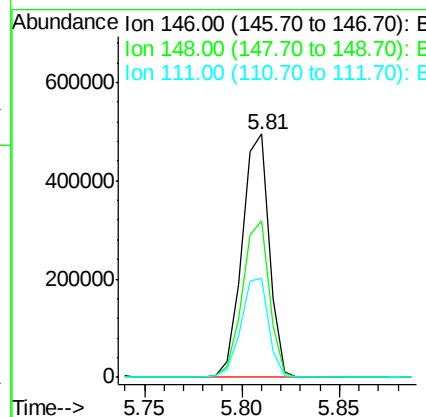
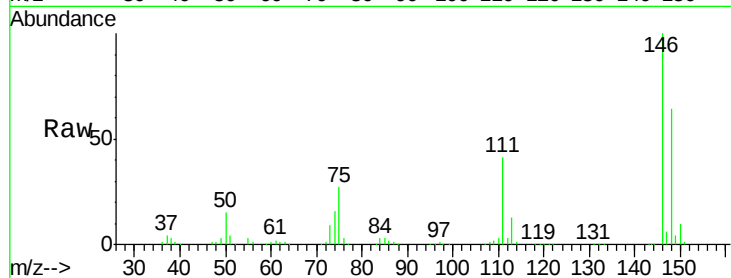
#13
 1,4-Dichlorobenzene
 Concen: 42.79 ng
 RT: 5.81 min Scan# 667
 Delta R.T. -0.04 min
 Lab File: BF094394.D
 Acq: 13 Apr 2017 17:01

Instrument :
 BNA_F
 ClientSampleId :
 PB98229BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
146	100		478010		
148	64.1	52.2	78.2		
111	40.8	30.3	45.5		

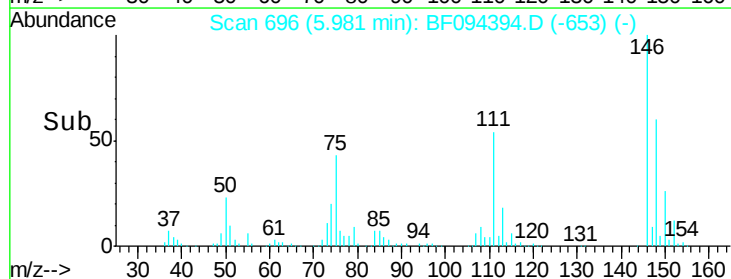
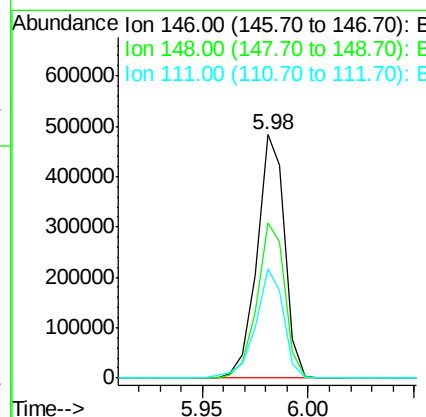
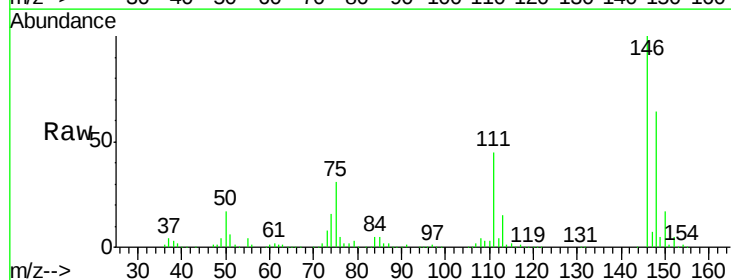
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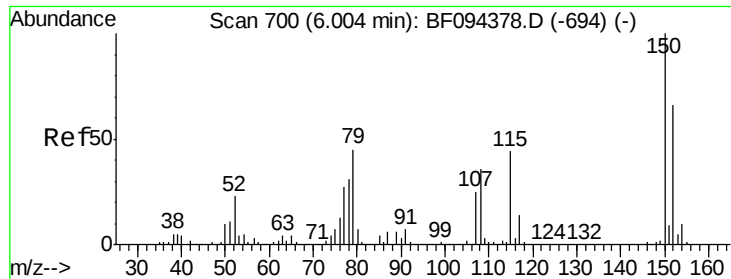
mohammad
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#14
 1,2-Dichlorobenzene
 Concen: 42.77 ng
 RT: 5.98 min Scan# 696
 Delta R.T. -0.05 min
 Lab File: BF094394.D
 Acq: 13 Apr 2017 17:01

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
146	100		439928		
148	63.7	50.4	75.6		
111	44.6	38.2	57.4		





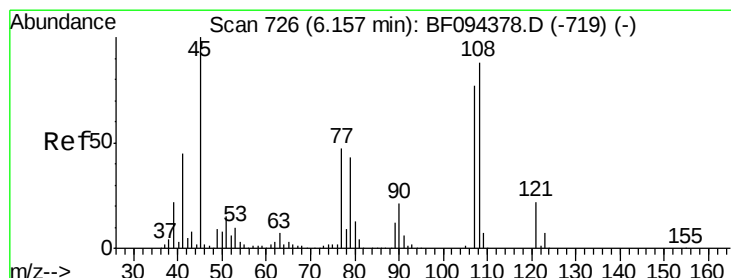
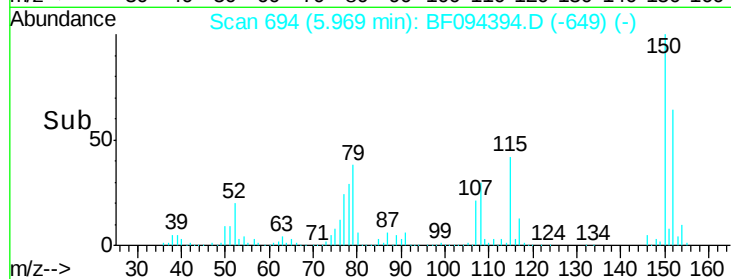
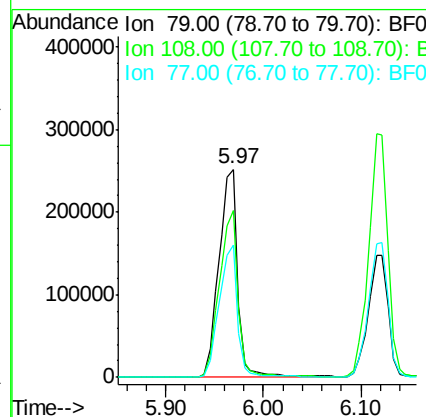
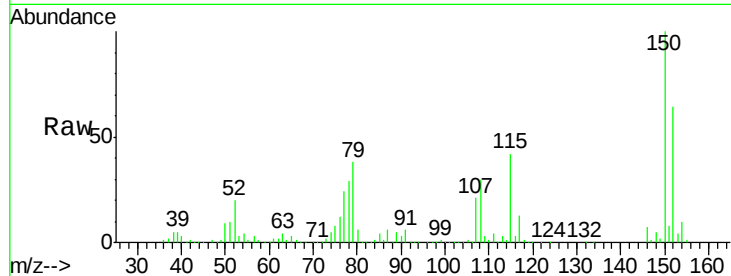
#15
Benzyl Alcohol
Concen: 41.91 ng
RT: 5.97 min Scan# 694
Delta R.T. -0.04 min
Lab File: BF094394.D
Acq: 13 Apr 2017 17:01

Instrument :
BNA_F
ClientSampleId :
PB98229BS

Tot Ion	Ratio	Resp	Lower	Upper
79	100			
108	79.9	63.4	95.0	
77	63.7	49.2	73.8	

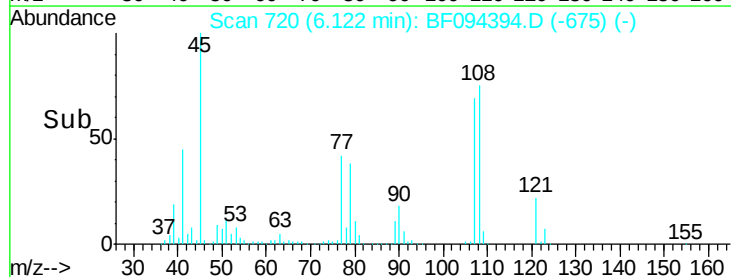
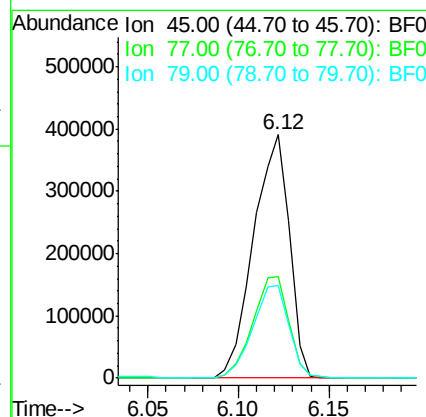
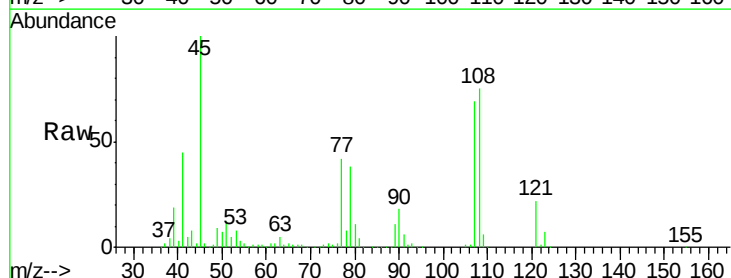
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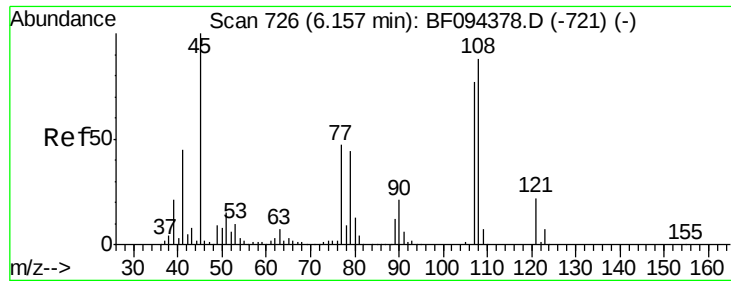
mohammad
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#16
2,2'-oxybis(1-chloropropane)
Concen: 35.41 ng
RT: 6.12 min Scan# 720
Delta R.T. -0.04 min
Lab File: BF094394.D
Acq: 13 Apr 2017 17:01

Tgt Ion	Ratio	Resp	Lower	Upper
45	100			
77	41.9	0.0	33.2#	
79	37.8	0.0	30.0#	





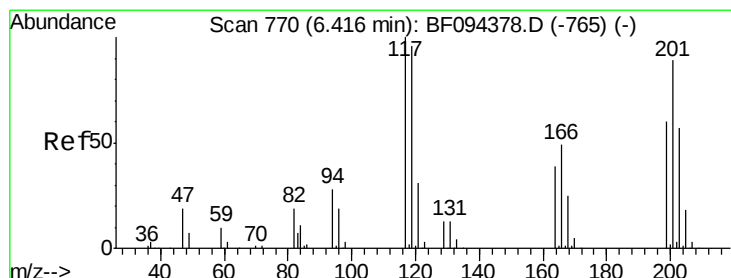
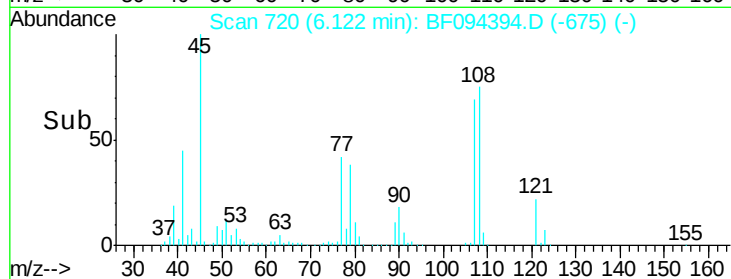
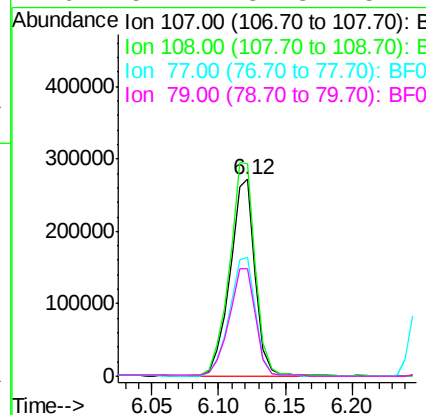
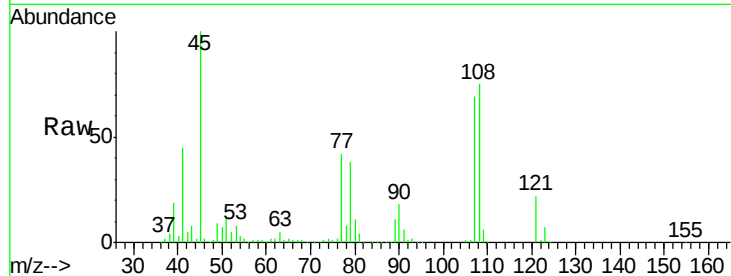
#17
2-Methylphenol
Concen: 42.60 ng
RT: 6.12 min Scan# 720
Delta R.T. -0.04 min
Lab File: BF094394.D
Acq: 13 Apr 2017 17:01

Instrument :
BNA_F
ClientSampleId :
PB98229BS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	108.1	93.4	140.0	
77	60.4	35.8	53.6#	
79	54.4	34.8	52.2#	

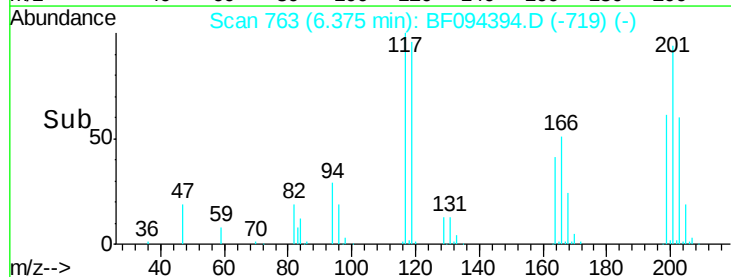
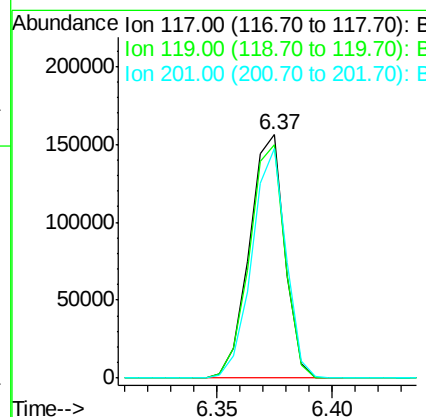
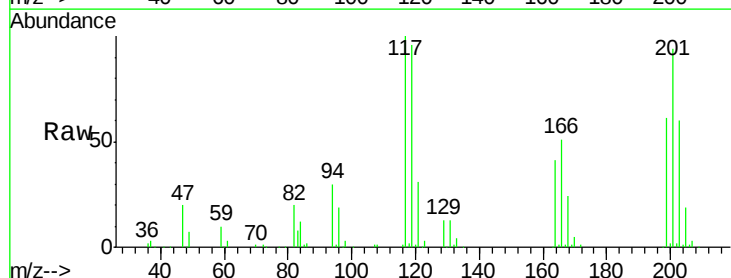
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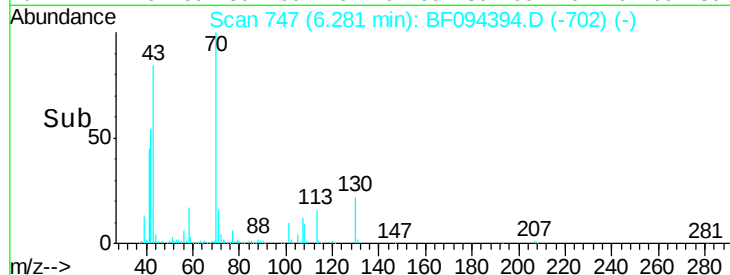
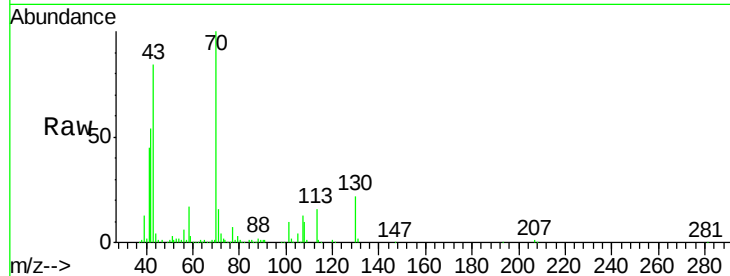
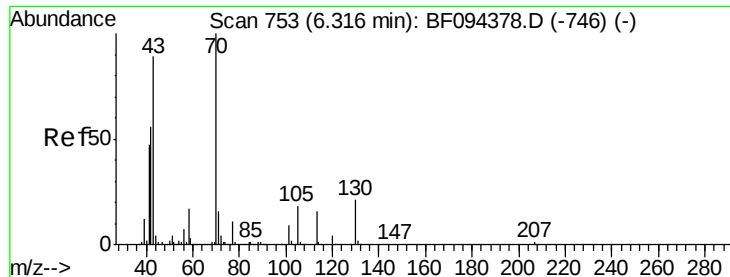
mohammad
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#18
Hexachloroethane
Concen: 42.35 ng
RT: 6.37 min Scan# 763
Delta R.T. -0.04 min
Lab File: BF094394.D
Acq: 13 Apr 2017 17:01

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	96.1	77.4	116.0	
201	94.2	94.6	141.8#	





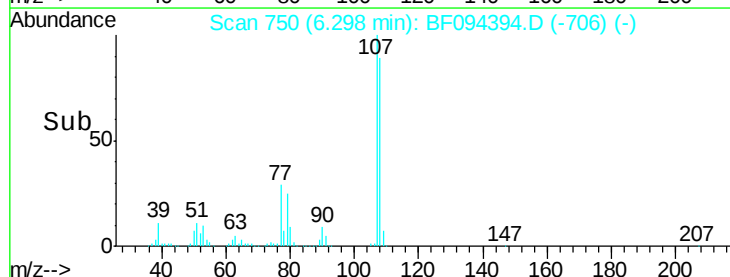
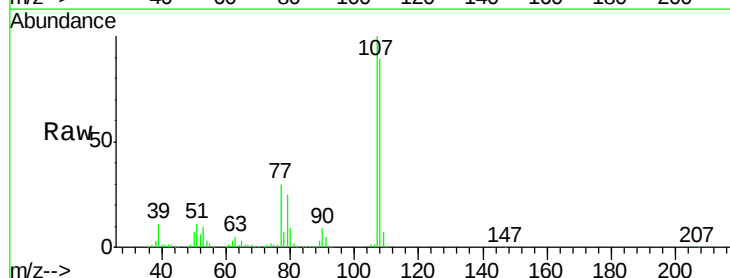
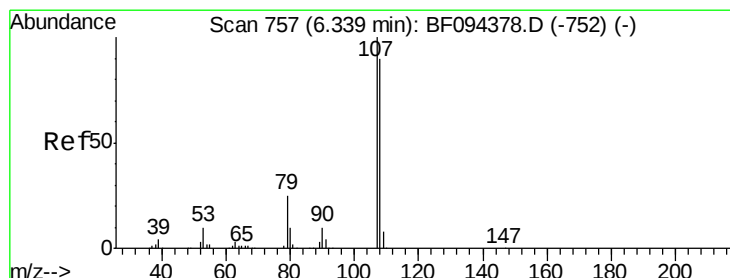
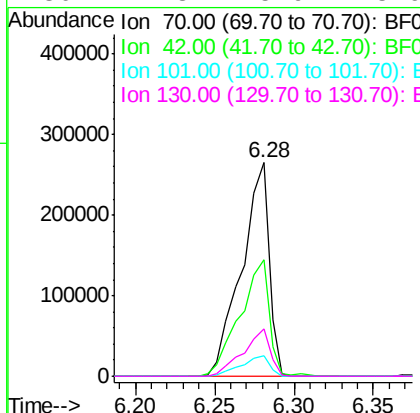
#19
n-Nitroso-di-n-propylamine
Concen: 44.92 ng
RT: 6.28 min Scan# 747
Delta R.T. -0.04 min
Lab File: BF094394.D
Acq: 13 Apr 2017 17:01

Instrument :
BNA_F
ClientSampleId :
PB98229BS

Manual Integrations
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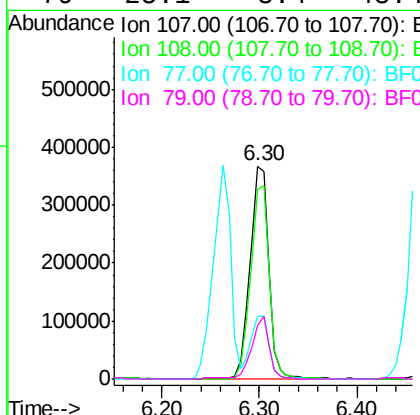
mohammad
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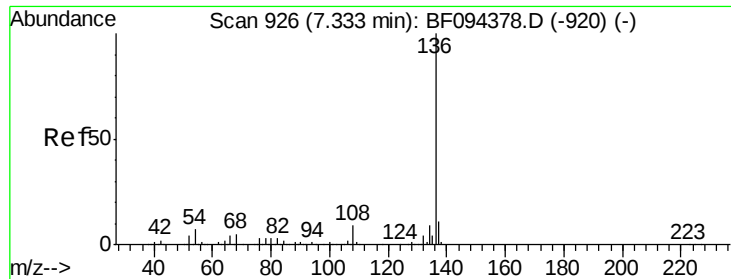
Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	54.4	47.2	70.8	
101	9.6	7.2	10.8	
130	22.3	15.9	23.9	



#20
3+4-Methylphenols
Concen: 48.64 ng
RT: 6.30 min Scan# 750
Delta R.T. -0.04 min
Lab File: BF094394.D
Acq: 13 Apr 2017 17:01

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	88.8	71.0	111.0	
77	29.5	90.5	130.5#	
79	25.1	8.4	48.4	





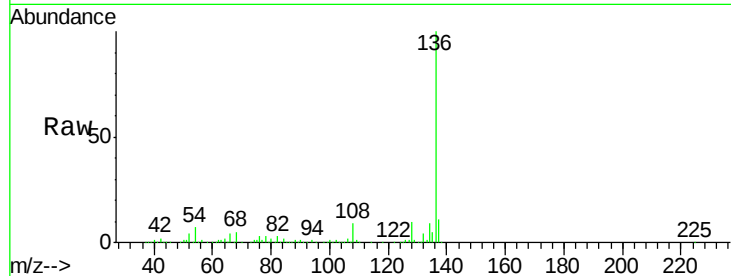
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.29 min Scan# 919
Delta R.T. -0.04 min
Lab File: BF094394.D
Acq: 13 Apr 2017 17:01

Instrument :
BNA_F
ClientSampleId :
PB98229BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	611431		
137	10.8	8.5	12.7	
54	6.8	4.9	7.3	
68	5.3	4.1	6.1	

Manual Integrations
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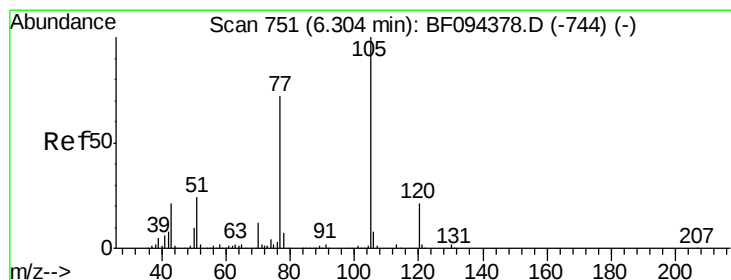
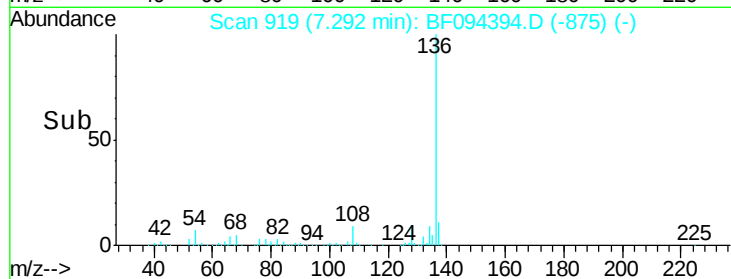
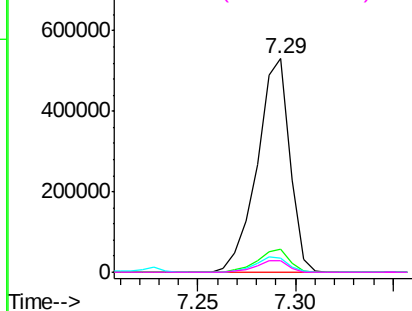
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

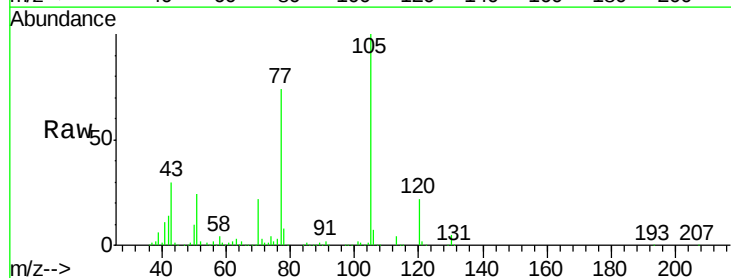
Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22
Acetophenone
Concen: 45.92 ng
RT: 6.26 min Scan# 744
Delta R.T. -0.04 min
Lab File: BF094394.D
Acq: 13 Apr 2017 17:01

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	625767		
71	3.4	2.8	4.2	
51	24.3	30.7	46.1	
120	22.1	17.4	26.0	



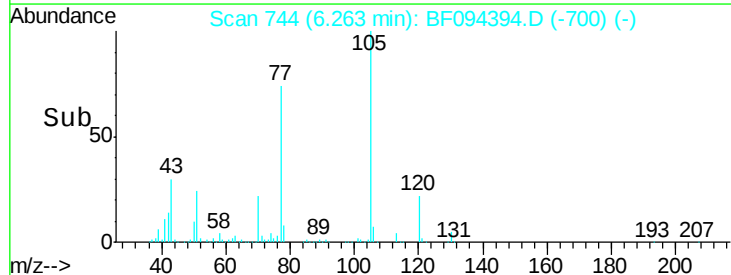
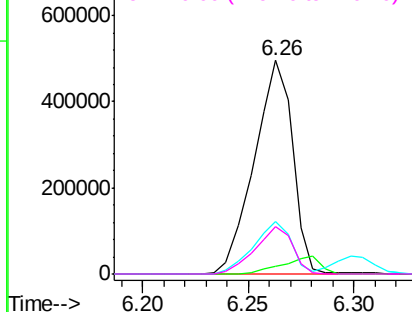
Abundance

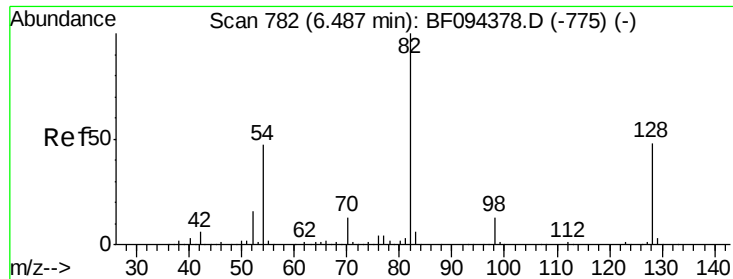
Ion 105.00 (104.70 to 105.70): E

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





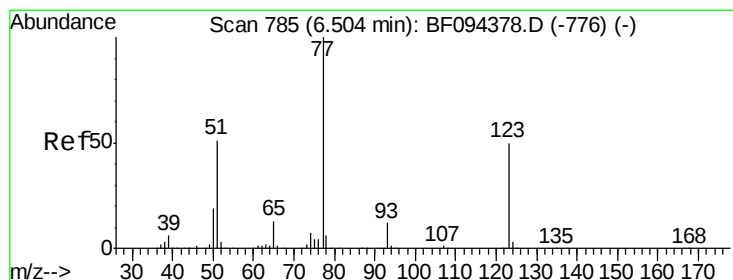
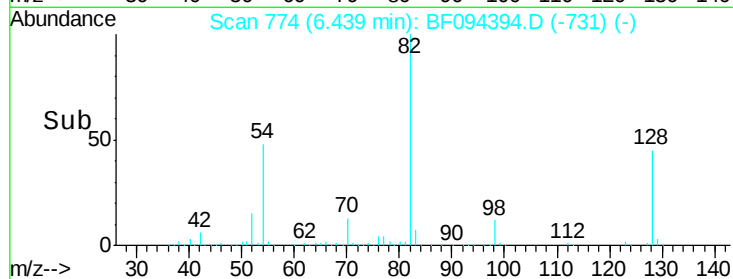
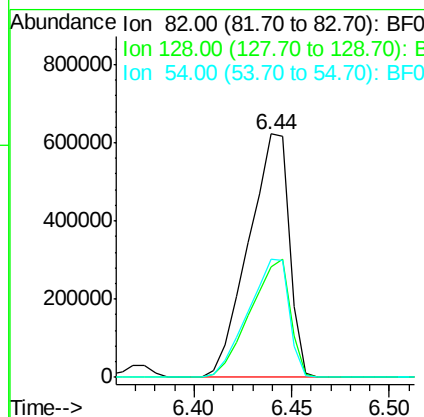
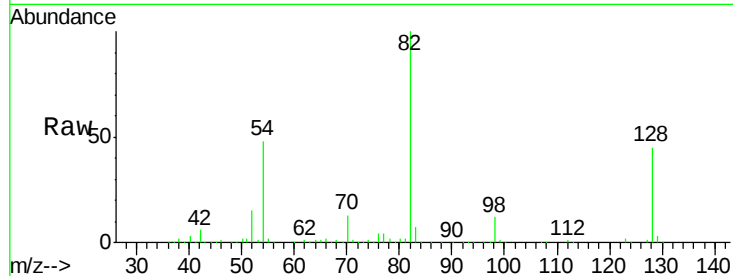
#23
 Nitrobenzene-d5
 Concen: 84.12 ng
 RT: 6.44 min Scan# 774
 Delta R.T. -0.05 min
 Lab File: BF094394.D
 Acq: 13 Apr 2017 17:01

Instrument :
 BNA_F
 ClientSampleId :
 PB98229BS

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	45.5	34.0	51.0	
54	48.3	42.2	63.2	

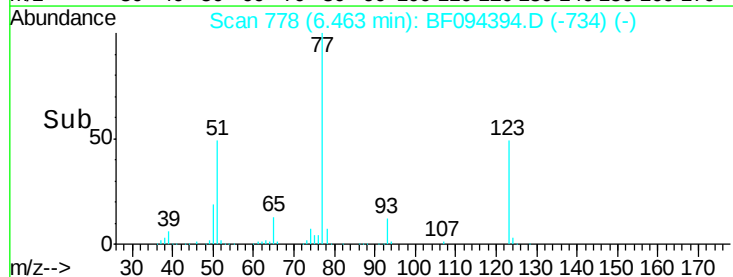
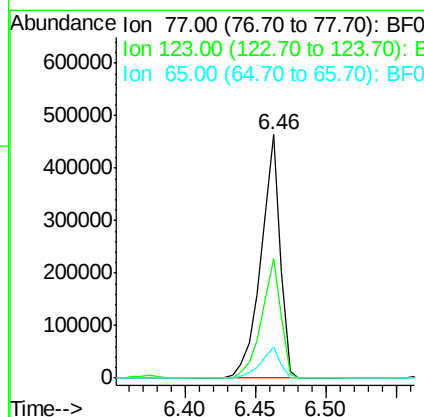
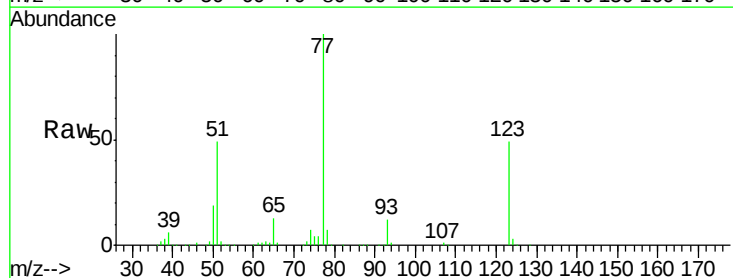
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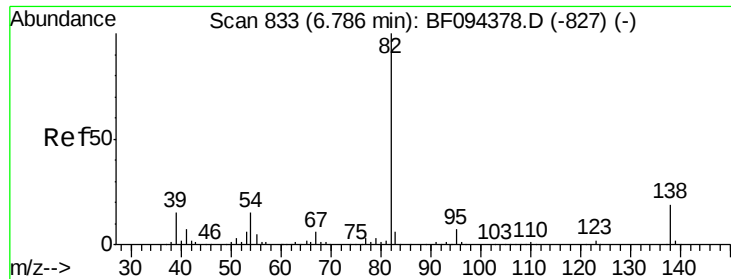
mohammad
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#24
 Nitrobenzene
 Concen: 42.42 ng
 RT: 6.46 min Scan# 778
 Delta R.T. -0.04 min
 Lab File: BF094394.D
 Acq: 13 Apr 2017 17:01

Tgt Ion	Ratio	Resp	Lower	Upper
77	100			
123	48.9	35.8	53.8	
65	12.9	10.6	15.8	





#25

Isophorone

Concen: 43.02 ng

RT: 6.75 min Scan# 827

Delta R.T. -0.04 min

Lab File: BF094394.D

Acq: 13 Apr 2017 17:01

Instrument :

BNA_F

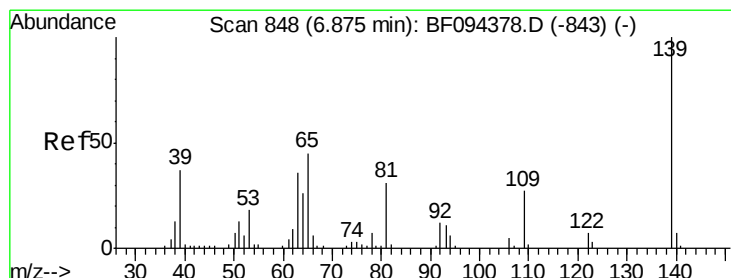
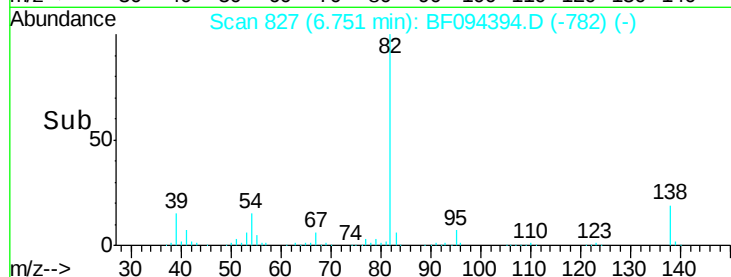
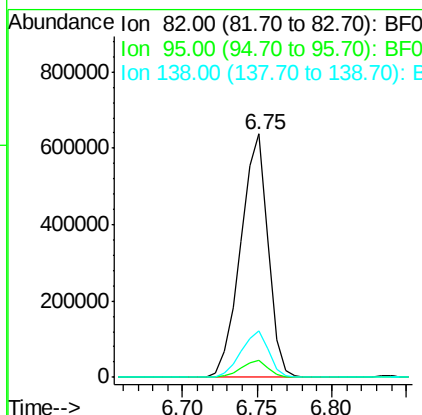
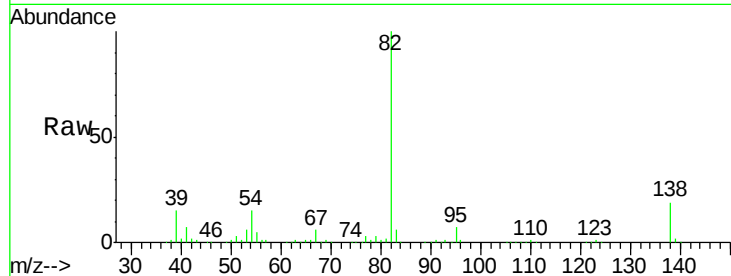
ClientSampleId :

PB98229BS

Tot Ion:	82	Resp:	809875
Ion Ratio	Lower	Upper	
82	100		
95	7.1	5.3	7.9
138	19.2	13.1	19.7

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#26

2-Nitrophenol

Concen: 50.03 ng

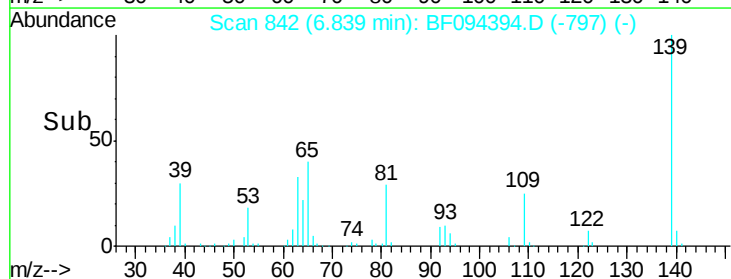
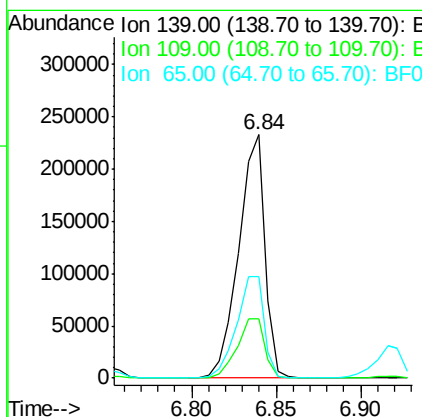
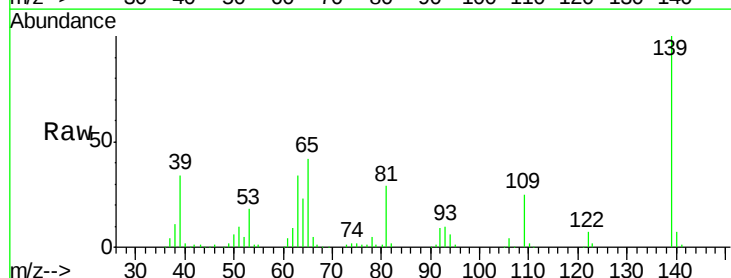
RT: 6.84 min Scan# 842

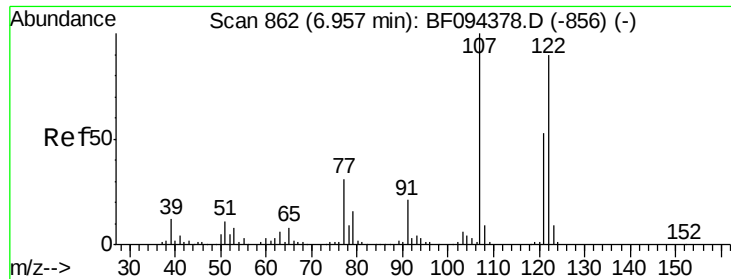
Delta R.T. -0.04 min

Lab File: BF094394.D

Acq: 13 Apr 2017 17:01

Tgt Ion:	139	Resp:	252101
Ion Ratio	Lower	Upper	
139	100		
109	24.6	21.0	31.6
65	41.6	33.0	49.6





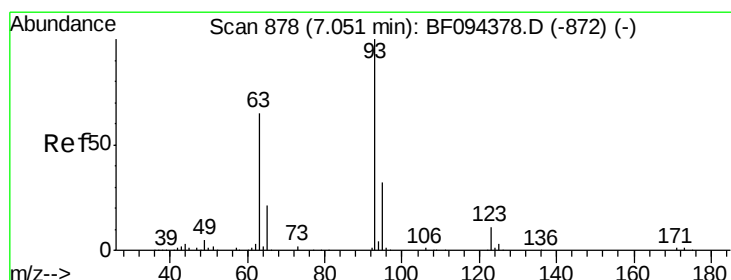
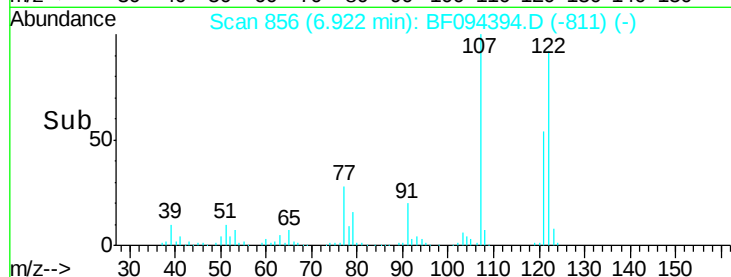
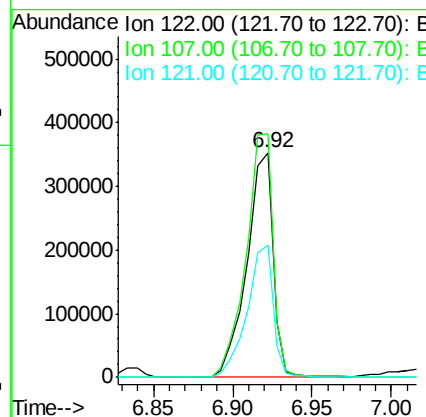
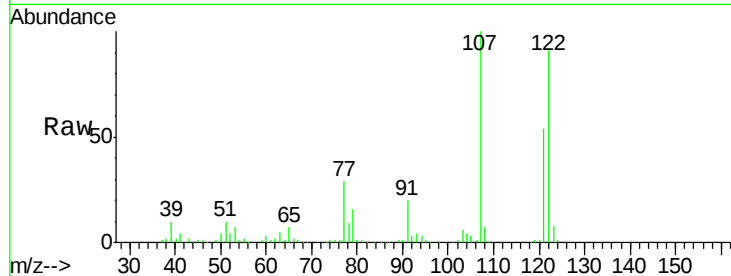
#27
 2,4-Dimethylphenol
 Concen: 47.14 ng
 RT: 6.92 min Scan# 856
 Delta R.T. -0.04 min
 Lab File: BF094394.D
 Acq: 13 Apr 2017 17:01

Instrument :
 BNA_F
 ClientSampleID :
 PB98229BS

Tot Ion	Ratio	Lower	Upper
122	100		
107	108.4	89.2	133.8
121	59.0	45.2	67.8

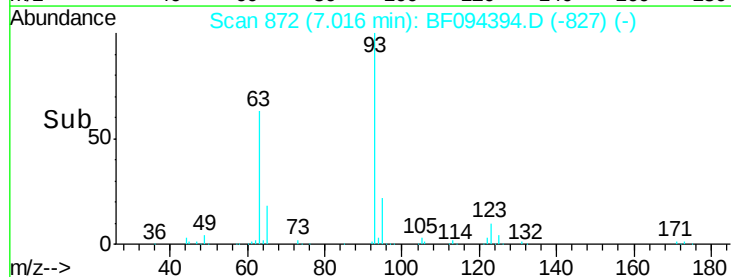
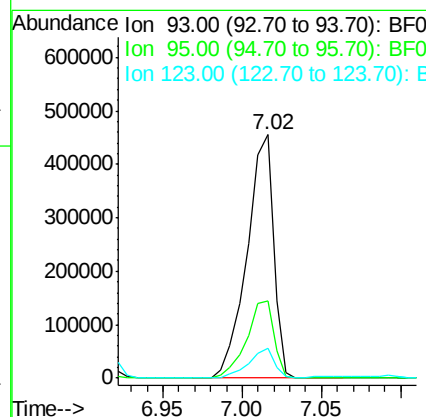
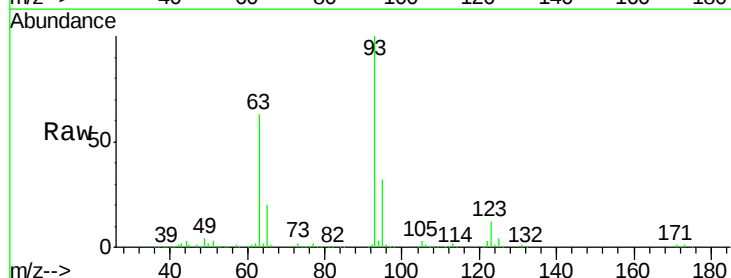
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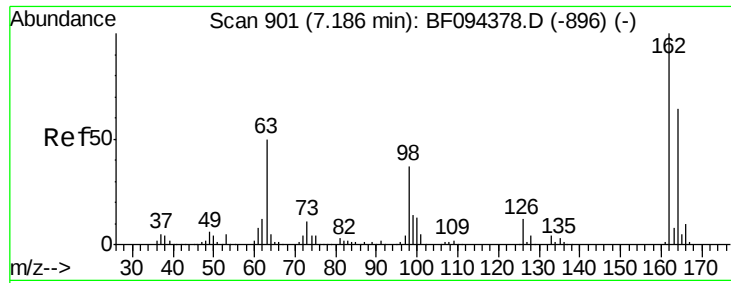
mohammad
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#28
 bis(2-Chloroethoxy)methane
 Concen: 42.68 ng
 RT: 7.02 min Scan# 872
 Delta R.T. -0.04 min
 Lab File: BF094394.D
 Acq: 13 Apr 2017 17:01

Tgt Ion	Ratio	Lower	Upper
93	100		
95	31.9	26.5	39.7
123	12.2	9.0	13.4





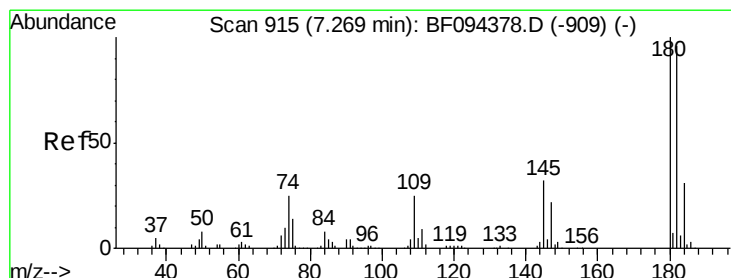
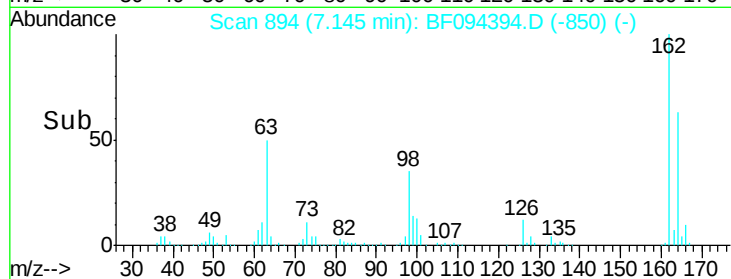
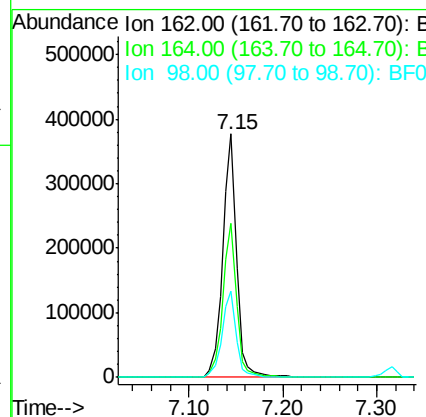
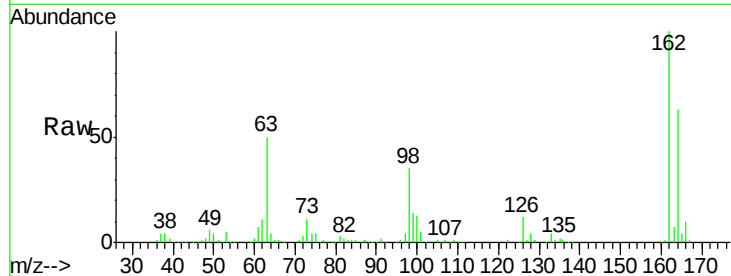
#29
 2,4-Dichlorophenol
 Concen: 48.10 ng
 RT: 7.15 min Scan# 894
 Delta R.T. -0.04 min
 Lab File: BF094394.D
 Acq: 13 Apr 2017 17:01

Instrument :
 BNA_F
 ClientSampleId :
 PB98229BS

Tot Ion	Ratio	Resp Lower	Resp Upper
162	100		
164	63.3	44.6	84.6
98	35.2	14.8	54.8

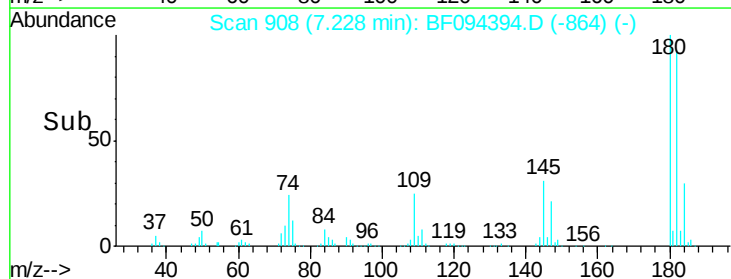
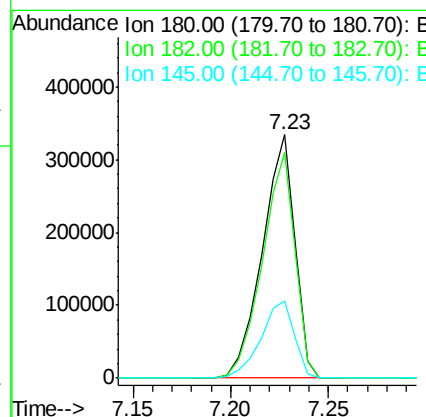
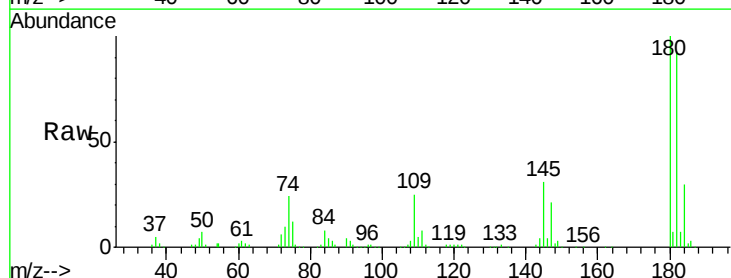
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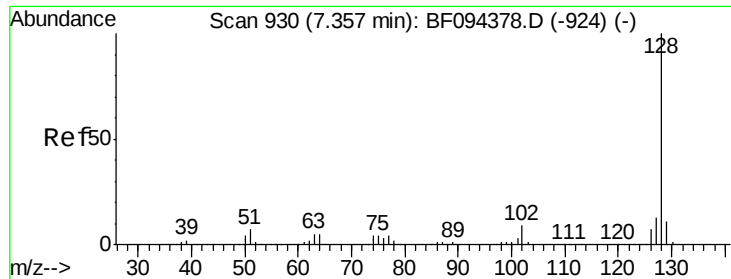
mohammad
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#30
 1,2,4-Trichlorobenzene
 Concen: 45.93 ng
 RT: 7.23 min Scan# 908
 Delta R.T. -0.04 min
 Lab File: BF094394.D
 Acq: 13 Apr 2017 17:01

Tgt Ion	Ratio	Resp Lower	Resp Upper
180	100		
182	92.9	75.8	113.6
145	31.5	25.3	37.9





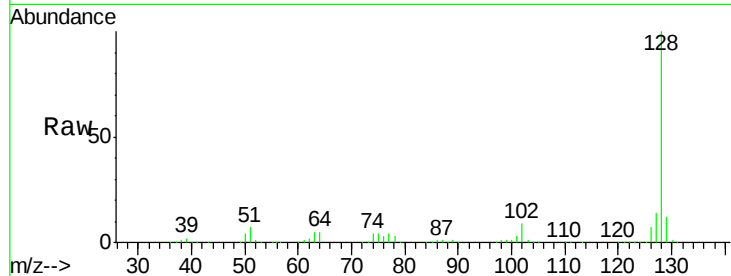
#31
Naphthalene
Concen: 42.77 ng
RT: 7.32 min Scan# 923
Delta R.T. -0.04 min
Lab File: BF094394.D
Acq: 13 Apr 2017 17:01

Instrument :
BNA_F
ClientSampleId :
PB98229BS

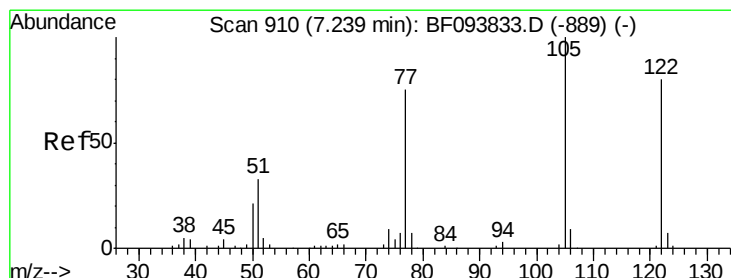
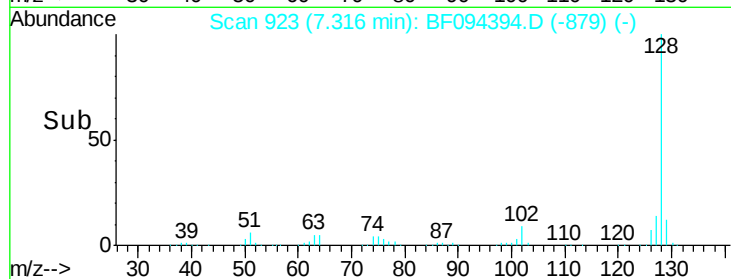
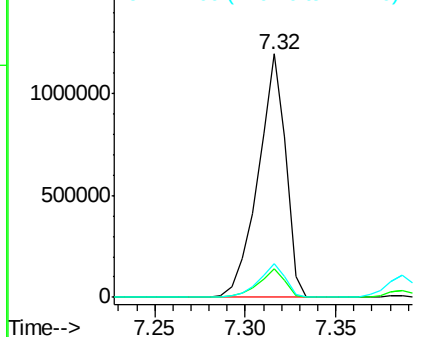
Tot Ion:128 Resp: 1257476
Ion Ratio Lower Upper
128 100
129 11.8 9.0 13.6
127 13.6 10.8 16.2

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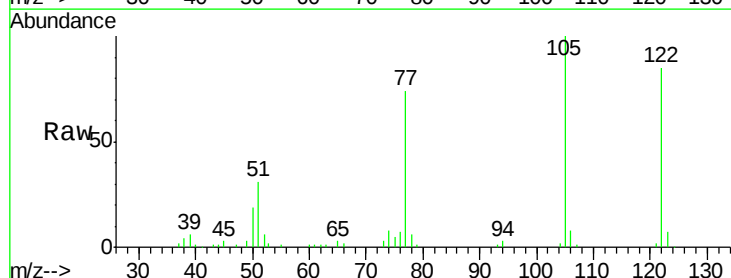


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

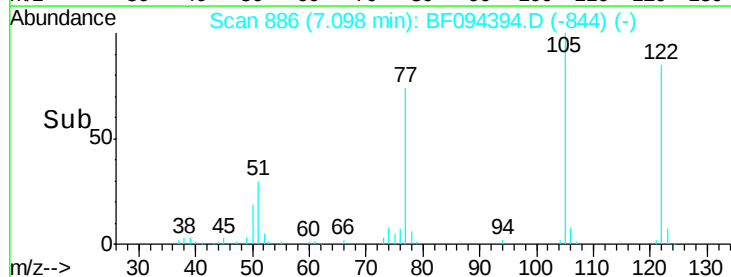
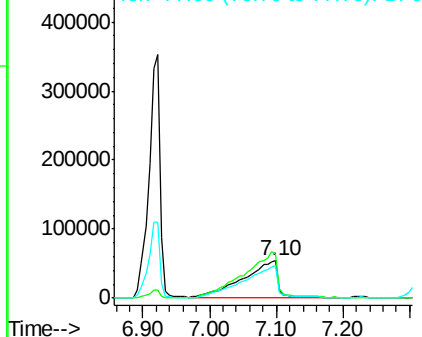


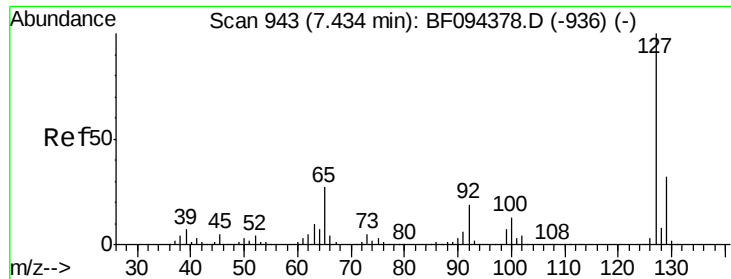
#32
Benzoic acid
Concen: 33.55 ng
RT: 7.10 min Scan# 886
Delta R.T. -0.05 min
Lab File: BF094394.D
Acq: 13 Apr 2017 17:01

Tgt Ion:122 Resp: 193904
Ion Ratio Lower Upper
122 100
105 117.0 103.3 143.3
77 86.8 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





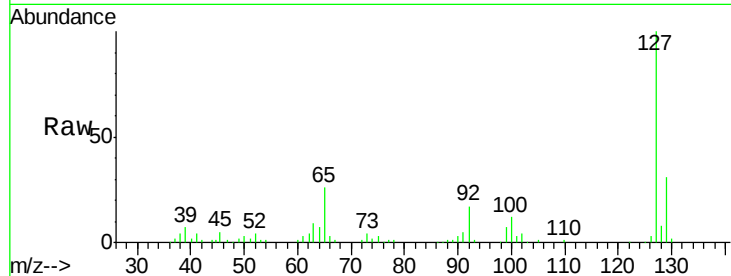
#33
4-Chloroaniline
Concen: 11.77 ng
RT: 7.39 min Scan# 935
Delta R.T. -0.05 min
Lab File: BF094394.D
Acq: 13 Apr 2017 17:01

Instrument :
BNA_F
ClientSampleId :
PB98229BS

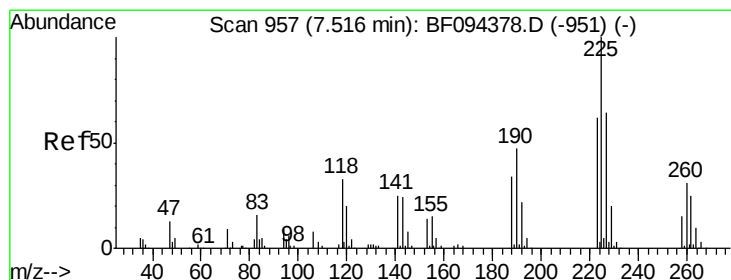
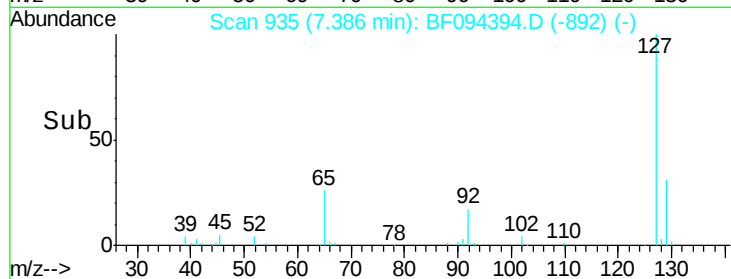
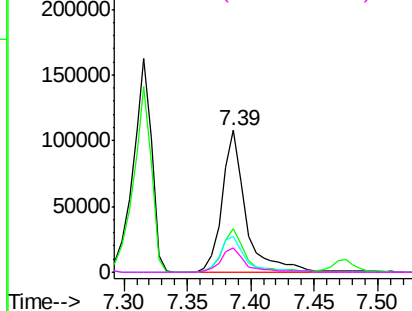
Tot Ion	Ratio	Resp	Lower	Upper
127	100			
129	30.9	26.2	39.2	
65	25.7	27.8	41.8	
92	17.4	16.8	25.2	

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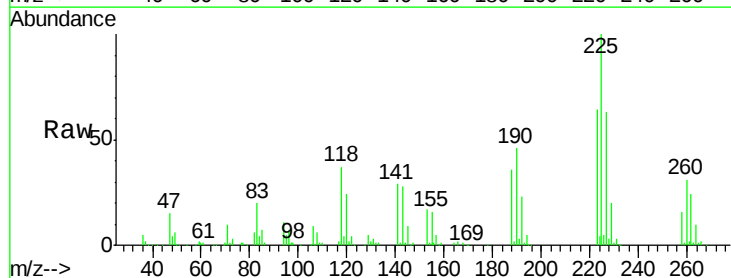


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

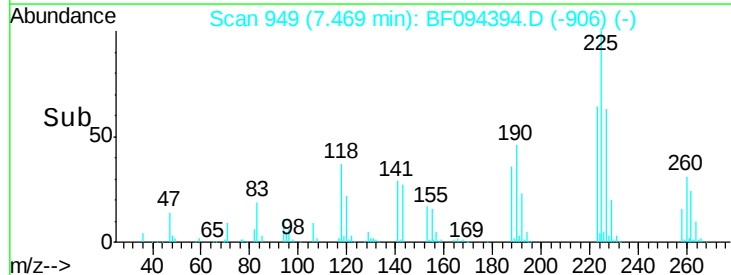
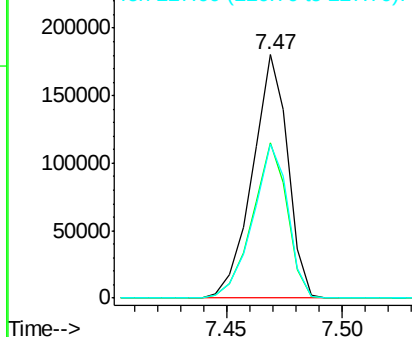


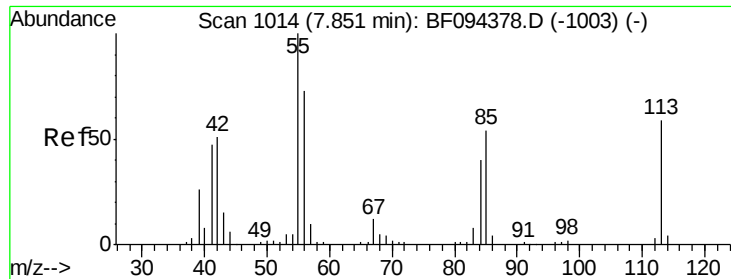
#34
Hexachlorobutadiene
Concen: 44.82 ng
RT: 7.47 min Scan# 949
Delta R.T. -0.05 min
Lab File: BF094394.D
Acq: 13 Apr 2017 17:01

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	63.9	48.8	73.2	
227	63.4	51.1	76.7	



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E





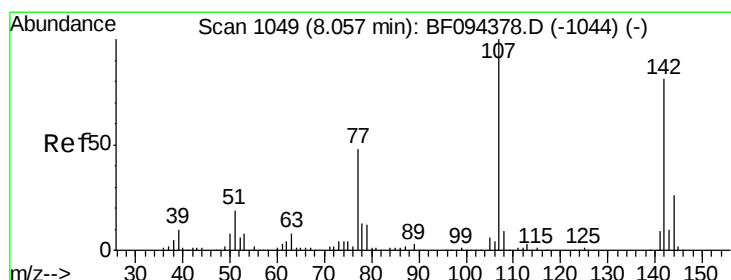
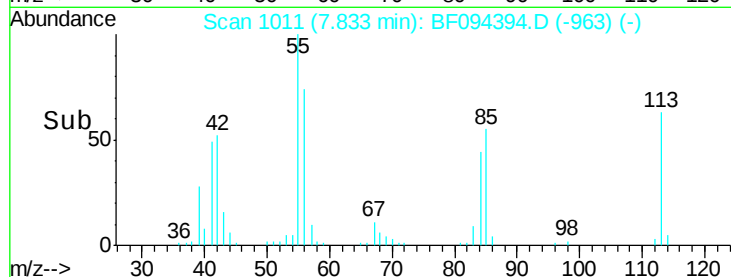
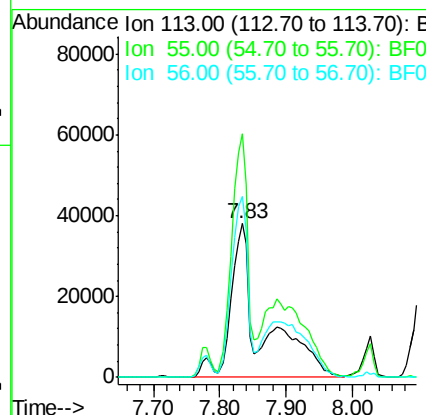
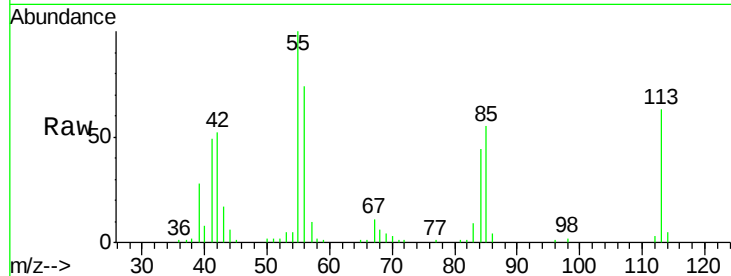
#35
 Caprolactam
 Concen: 47.71 ng/ml
 RT: 7.83 min Scan# 1011
 Delta R.T. -0.02 min
 Lab File: BF094394.D
 Acq: 13 Apr 2017 17:01

Instrument :
 BNA_F
 ClientSampleId :
 PB98229BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
113	100				
55	158.4		150.2	190.2	
56	117.8		107.8	147.8	

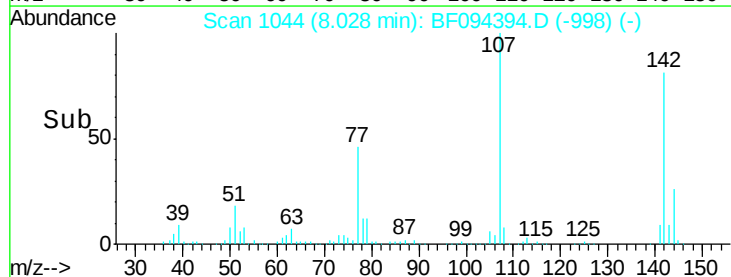
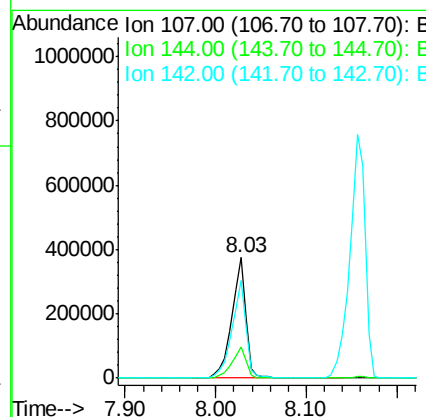
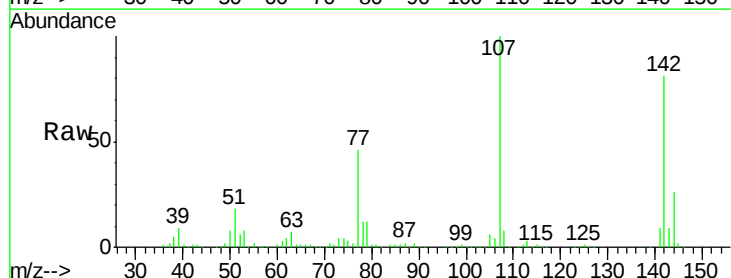
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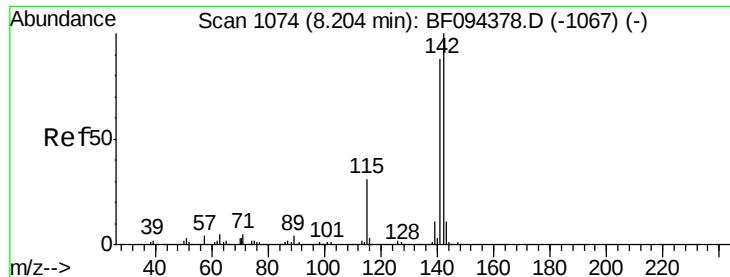
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#36
 4-Chloro-3-methylphenol
 Concen: 48.03 ng/ml
 RT: 8.03 min Scan# 1044
 Delta R.T. -0.03 min
 Lab File: BF094394.D
 Acq: 13 Apr 2017 17:01

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100				
144	25.9		24.2	36.4	
142	81.5		73.4	110.0	





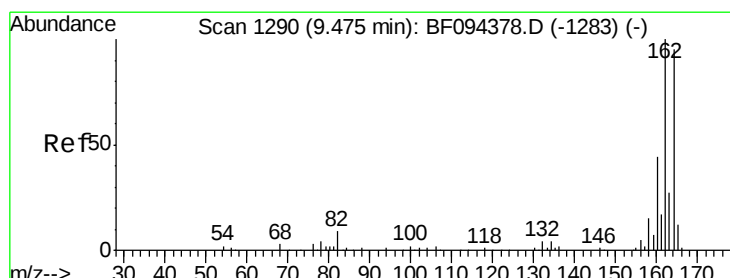
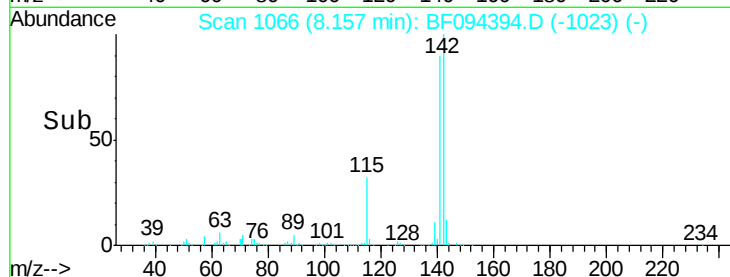
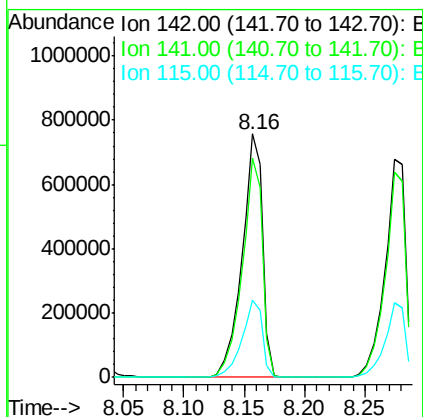
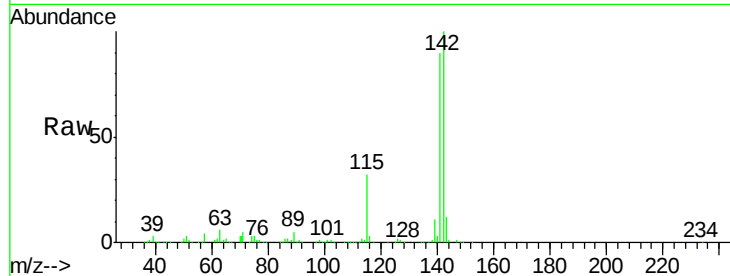
#37
 2-Methylnaphthalene
 Concen: 45.56 ng
 RT: 8.16 min Scan# 1066
 Delta R.T. -0.05 min
 Lab File: BF094394.D
 Acq: 13 Apr 2017 17:01

Instrument :
 BNA_F
 ClientSampleId :
 PB98229BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.8	71.3	106.9
115	31.9	27.1	40.7

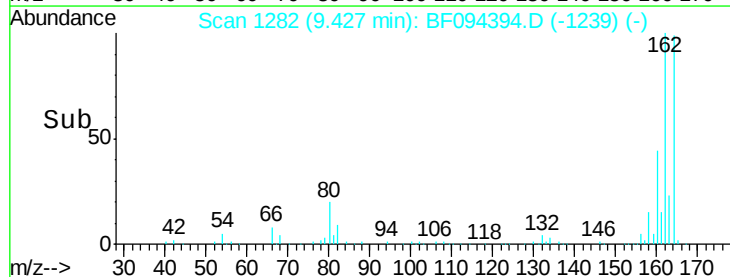
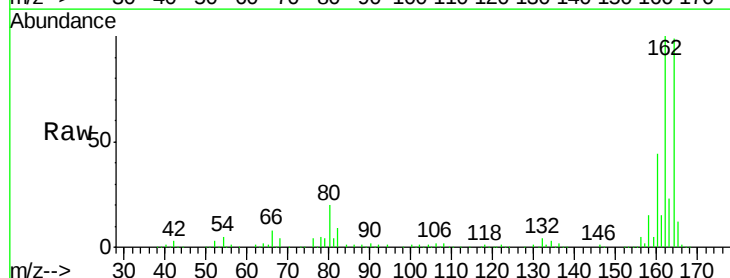
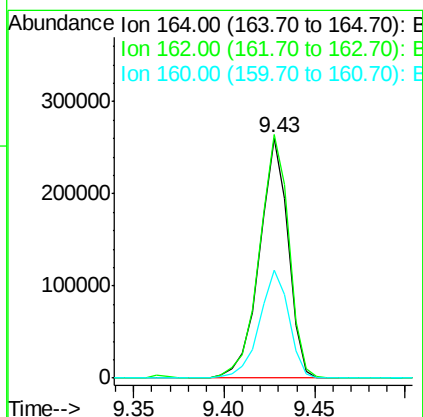
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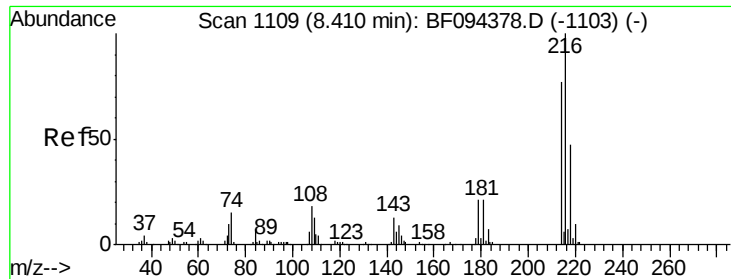
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#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.43 min Scan# 1282
 Delta R.T. -0.05 min
 Lab File: BF094394.D
 Acq: 13 Apr 2017 17:01

Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.3	82.6	123.8
160	45.0	36.2	54.2





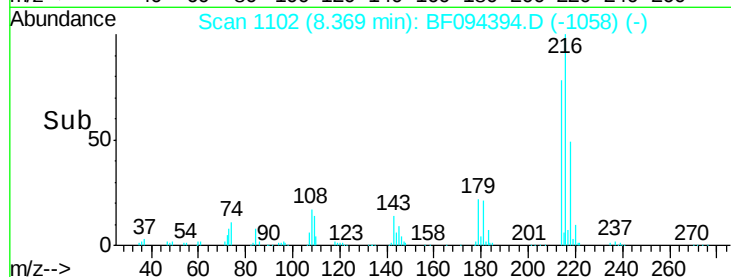
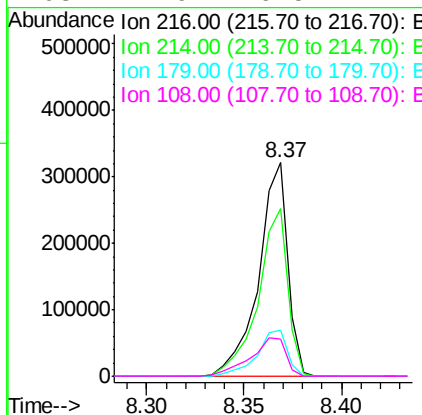
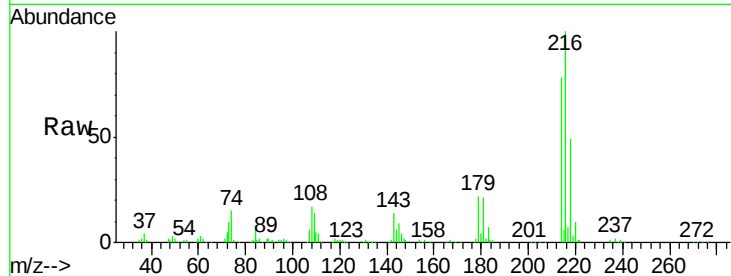
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 42.59 ng
 RT: 8.37 min Scan# 1102
 Delta R.T. -0.04 min
 Lab File: BF094394.D
 Acq: 13 Apr 2017 17:01

Instrument :
 BNA_F
 ClientSampleId :
 PB98229BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
216	100				
214	79.5	63.4	95.2		
179	22.7	17.9	26.9		
108	21.9	16.5	24.7		

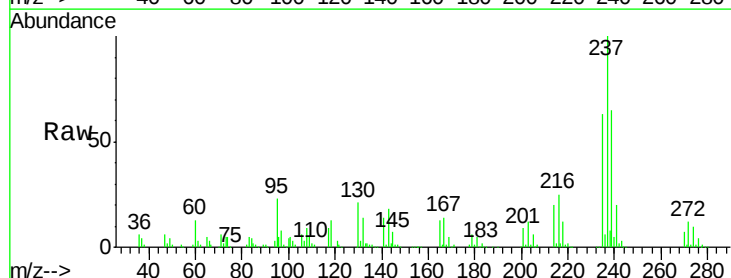
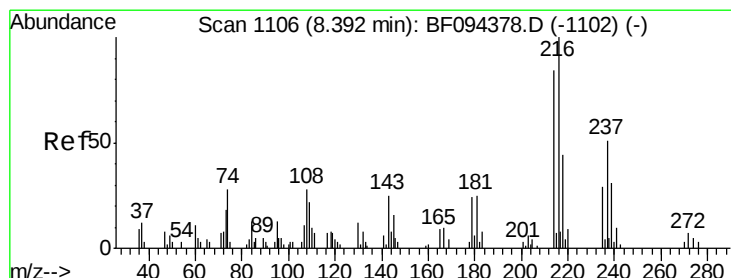
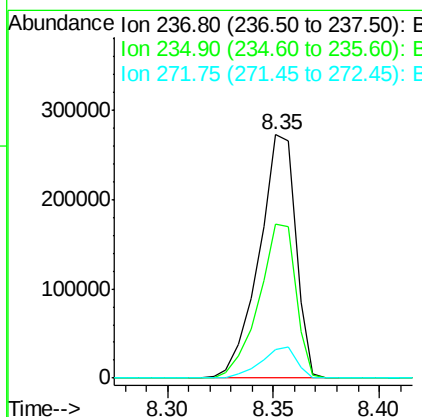
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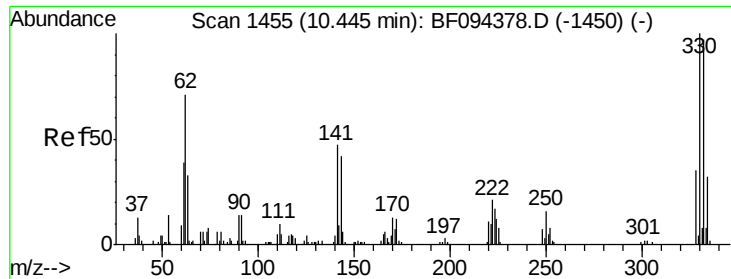
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#40
 Hexachlorocyclopentadiene
 Concen: 90.39 ng
 RT: 8.35 min Scan# 1099
 Delta R.T. -0.04 min
 Lab File: BF094394.D
 Acq: 13 Apr 2017 17:01

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
237	100				
235	63.2	42.6	82.6		
272	11.8	0.0	31.9		





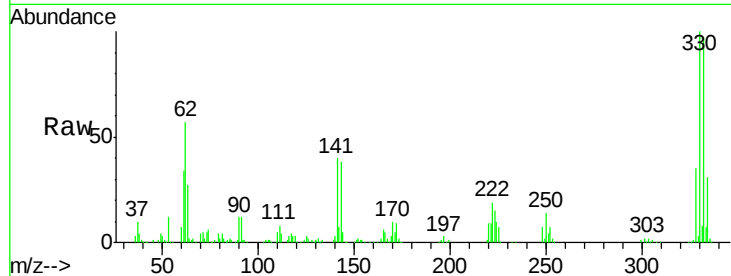
#41
 2,4,6-Tribromophenol
 Concen: 135.44 ng
 RT: 10.41 min Scan# 1449
 Delta R.T. -0.04 min
 Lab File: BF094394.D
 Acq: 13 Apr 2017 17:01

Instrument :
 BNA_F
 ClientSampleId :
 PB98229BS

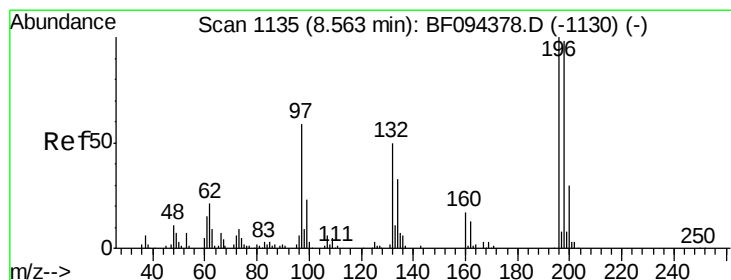
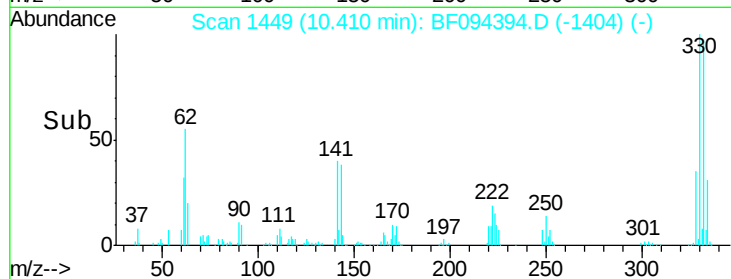
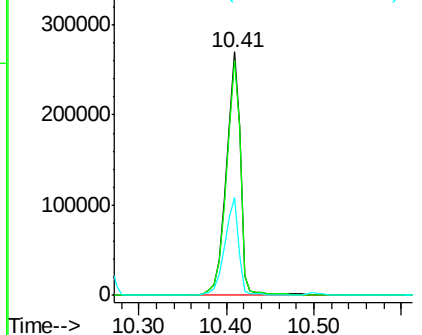
Tot Ion	Ratio	Resp	Lower	Upper
330	100	306091		
332	95.9	76.6	115.0	
141	39.5	31.4	47.2	

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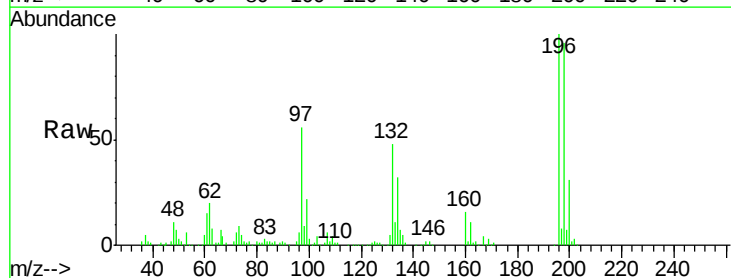


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

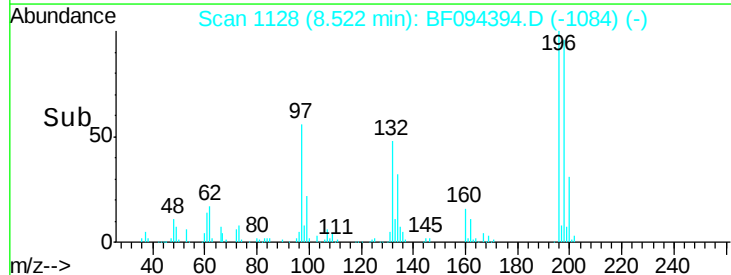
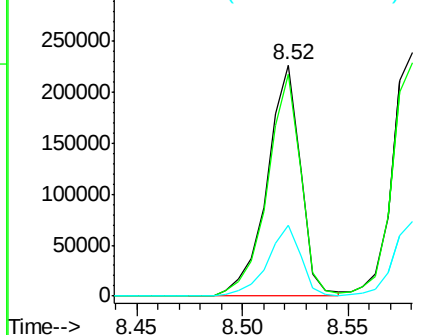


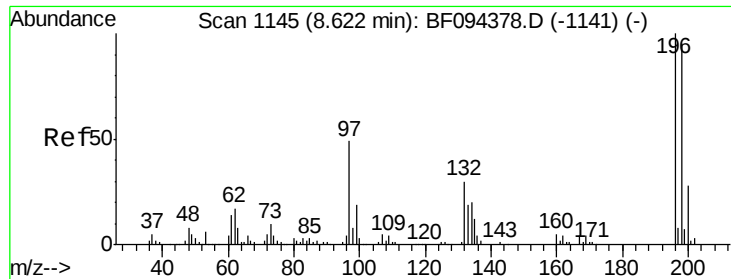
#42
 2,4,6-Trichlorophenol
 Concen: 45.12 ng
 RT: 8.52 min Scan# 1128
 Delta R.T. -0.04 min
 Lab File: BF094394.D
 Acq: 13 Apr 2017 17:01

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	249754		
198	95.8	74.2	111.4	
200	30.8	24.0	36.0	



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





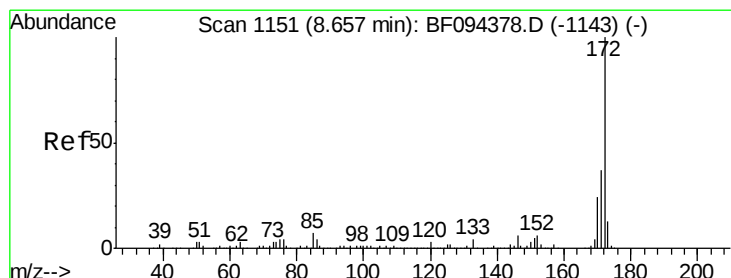
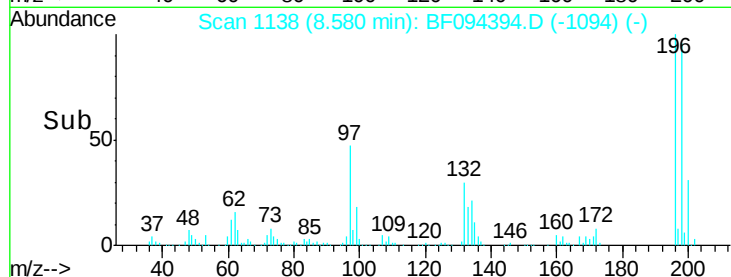
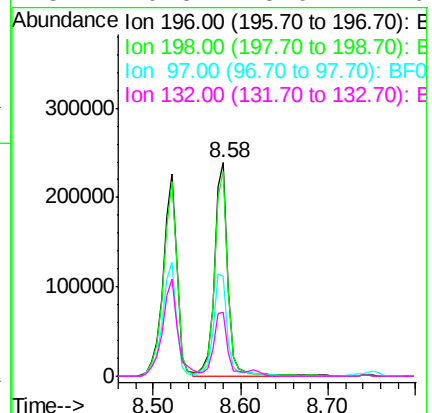
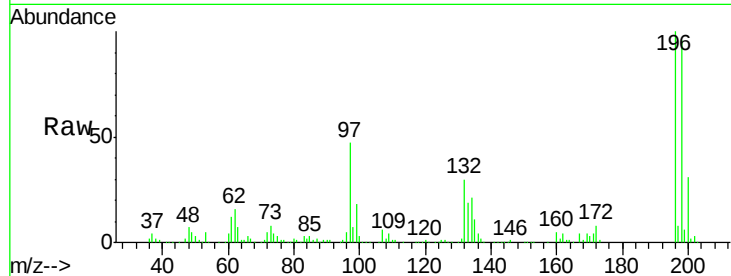
#43
 2,4,5-Trichlorophenol
 Concen: 42.29 ng
 RT: 8.58 min Scan# 1138
 Delta R.T. -0.04 min
 Lab File: BF094394.D
 Acq: 13 Apr 2017 17:01

Instrument :
 BNA_F
 ClientSampleId :
 PB98229BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	253296		
198	95.8	75.7	113.5	
97	46.9	47.7	71.5	
132	29.8	28.0	42.0	

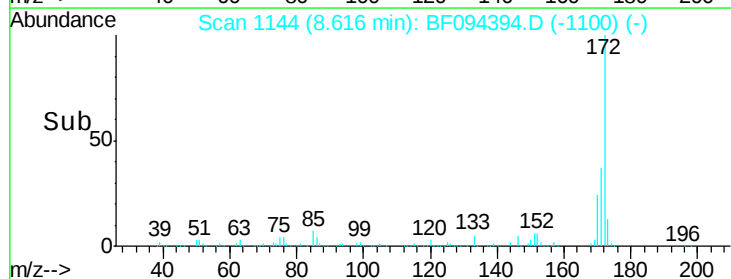
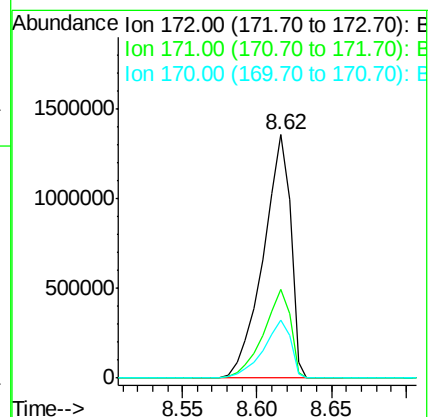
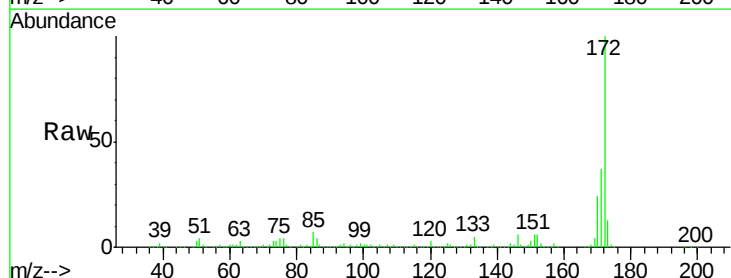
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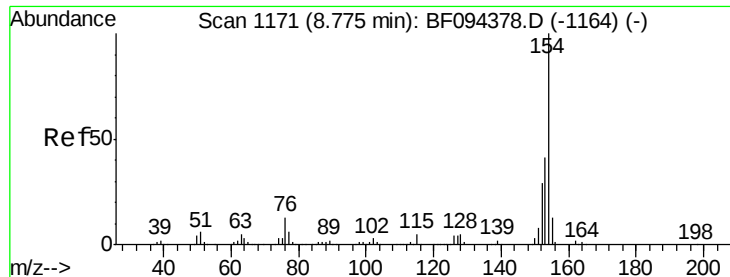
mohammad
 4/14/2017 1:37:10 PM



#44
 2-Fluorobiphenyl
 Concen: 90.90 ng
 RT: 8.62 min Scan# 1144
 Delta R.T. -0.04 min
 Lab File: BF094394.D
 Acq: 13 Apr 2017 17:01

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1704475		
171	36.7	29.6	44.4	
170	24.1	19.8	29.8	





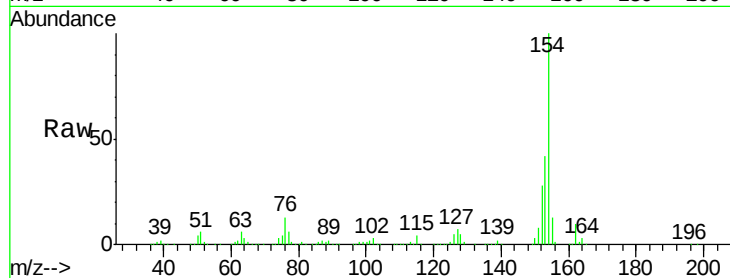
#45
 1,1'-Biphenyl
 Concen: 43.13 ng
 RT: 8.73 min Scan# 1164
 Delta R.T. -0.04 min
 Lab File: BF094394.D
 Acq: 13 Apr 2017 17:01

Instrument :
 BNA_F
 ClientSampleId :
 PB98229BS

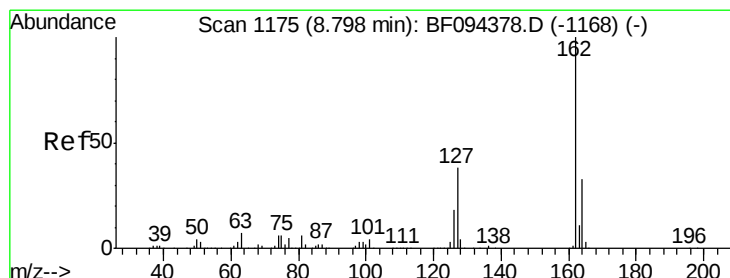
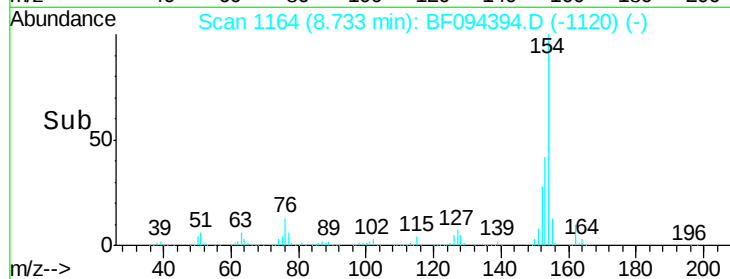
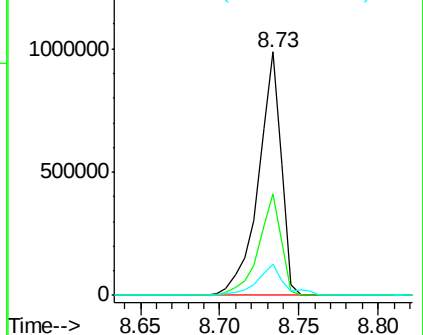
Tot Ion	Ratio	Resp	Lower	Upper
154	100			
153	41.6	21.2	61.2	
76	13.0	0.0	29.9	

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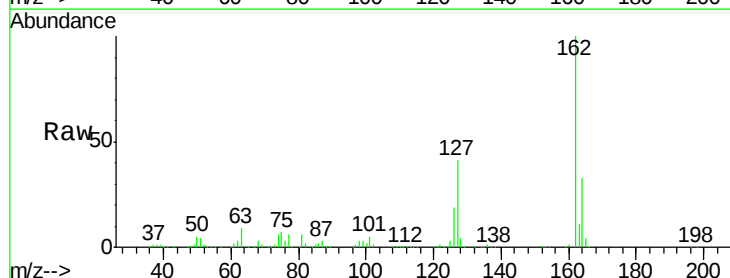


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

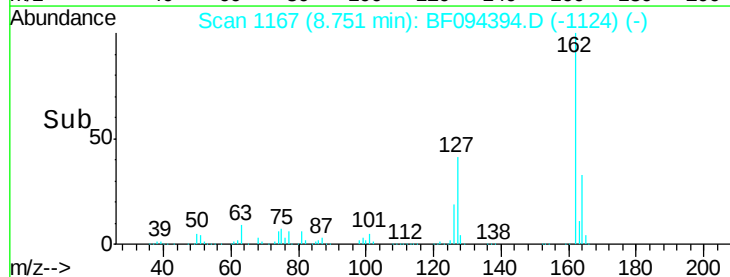
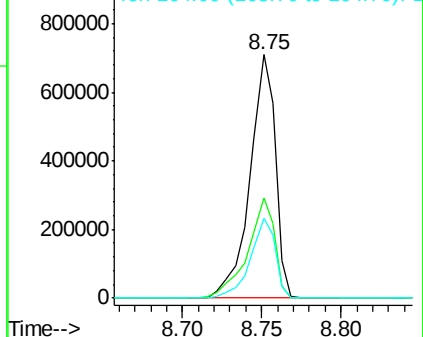


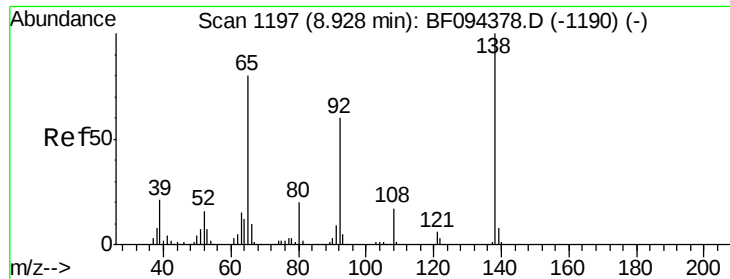
#46
 2-Chloronaphthalene
 Concen: 43.71 ng
 RT: 8.75 min Scan# 1167
 Delta R.T. -0.05 min
 Lab File: BF094394.D
 Acq: 13 Apr 2017 17:01

Tgt Ion	Ratio	Resp	Lower	Upper
162	100			
127	41.2	28.3	42.5	
164	32.6	27.0	40.4	



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





#47

2-Nitroaniline

Concen: 43.76 ng

RT: 8.89 min Scan# 1190

Delta R.T. -0.04 min

Lab File: BF094394.D

Acq: 13 Apr 2017 17:01

Instrument :

BNA_F

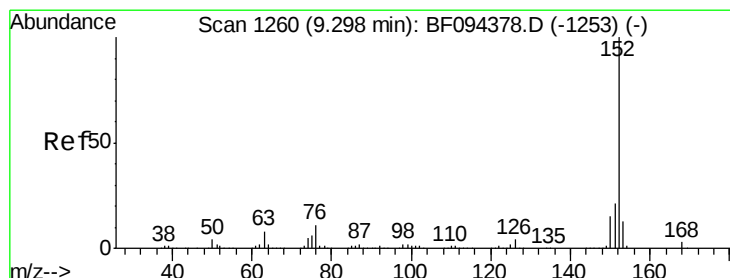
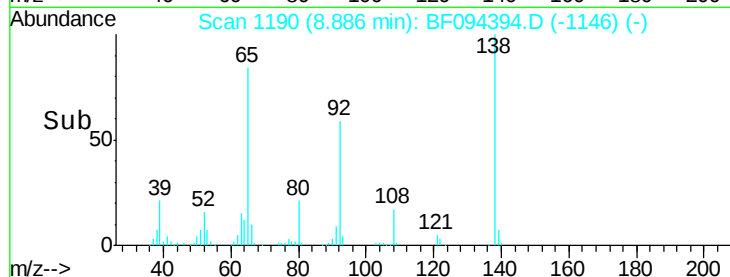
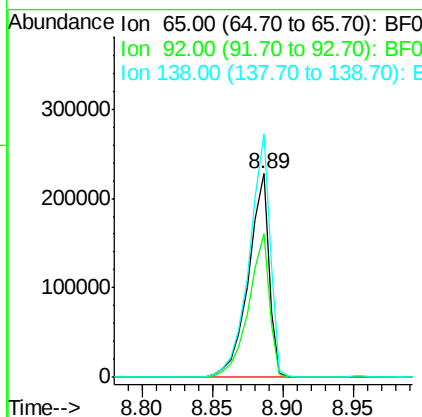
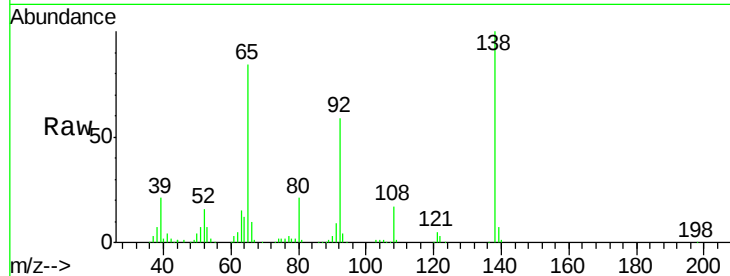
ClientSampleId :

PB98229BS

Tot Ion:	65	Resp:	234412
Ion Ratio	Lower	Upper	
65	100		
92	70.9	53.9	80.9
138	119.6	78.8	118.2#

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#48

Acenaphthylene

Concen: 41.04 ng

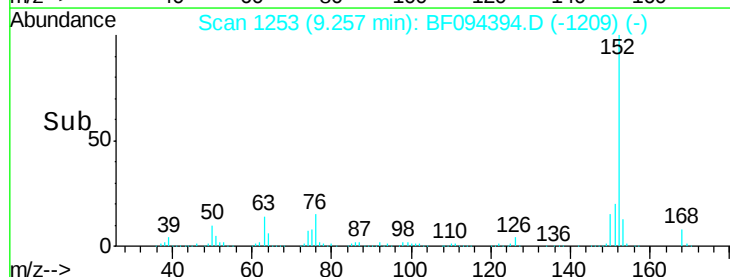
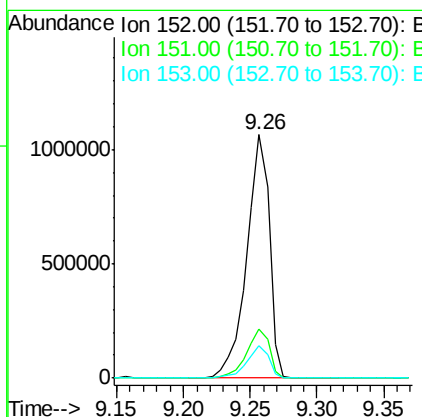
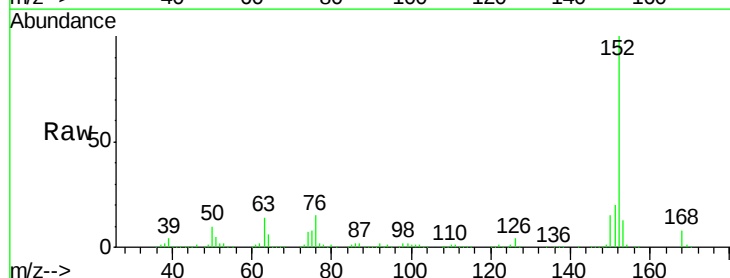
RT: 9.26 min Scan# 1253

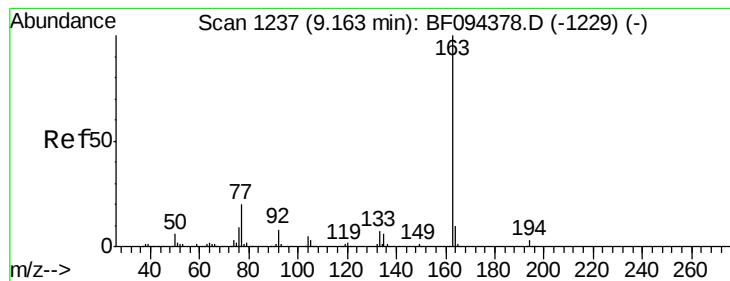
Delta R.T. -0.04 min

Lab File: BF094394.D

Acq: 13 Apr 2017 17:01

Tgt Ion:	152	Resp:	1231784
Ion Ratio	Lower	Upper	
152	100		
151	20.3	16.8	25.2
153	13.3	10.8	16.2





#49

Dimethylphthalate

Concen: 46.78 ng

RT: 9.13 min Scan# 1231

Delta R.T. -0.04 min

Lab File: BF094394.D

Acq: 13 Apr 2017 17:01

Instrument :

BNA_F

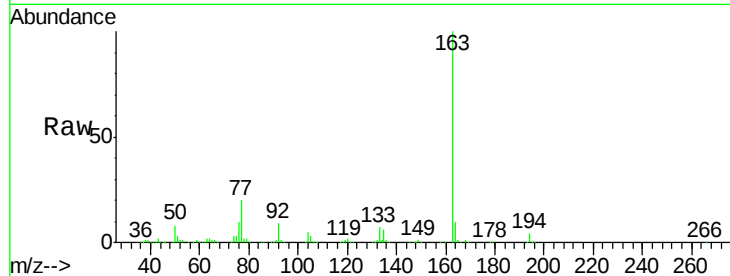
ClientSampleId :

PB98229BS

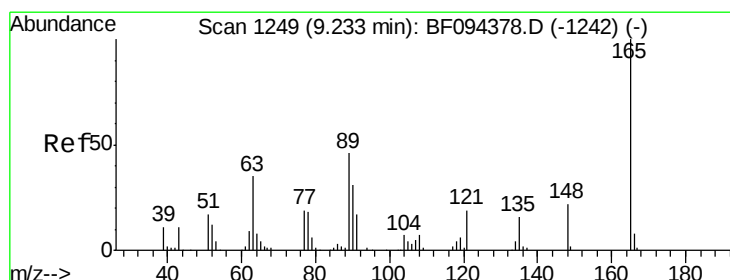
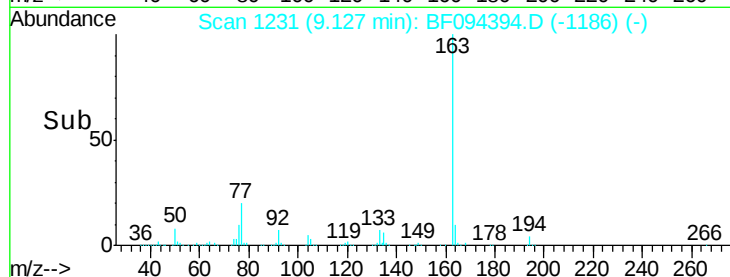
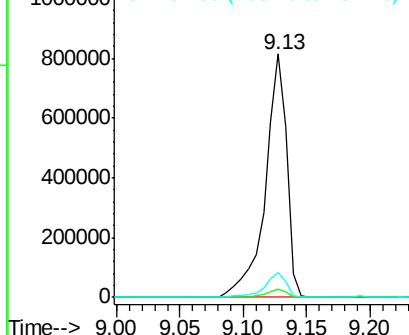
Tot Ion:	163	Resp:	951156
Ion Ratio	Lower	Upper	
163	100		
194	3.5	2.6	4.0
164	10.3	8.4	12.6

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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: 46.28 ng

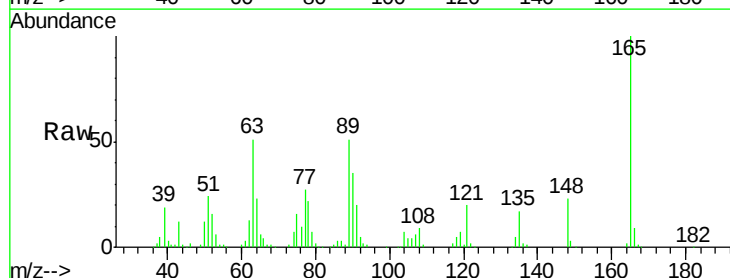
RT: 9.19 min Scan# 1242

Delta R.T. -0.04 min

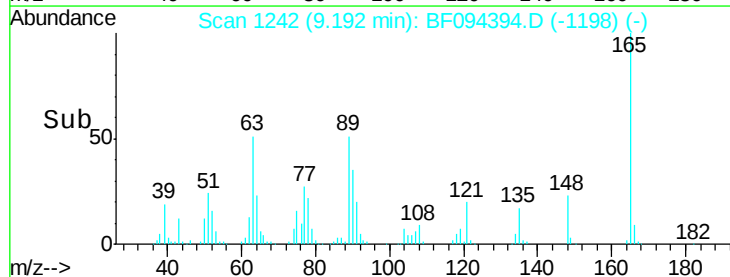
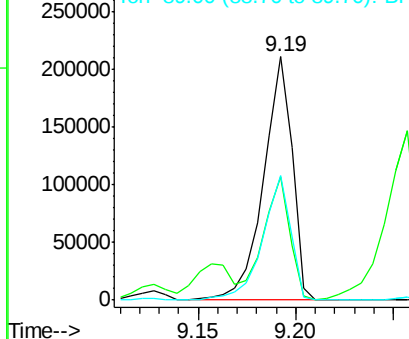
Lab File: BF094394.D

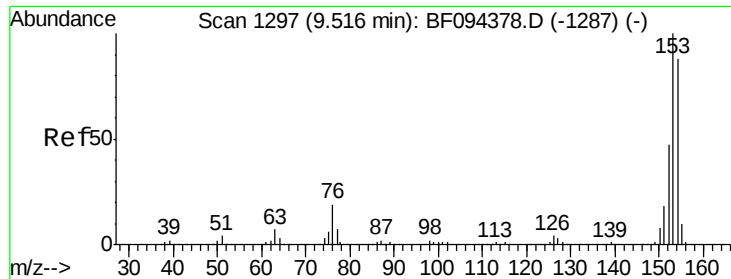
Acq: 13 Apr 2017 17:01

Tgt Ion:	165	Resp:	215681
Ion Ratio	Lower	Upper	
165	100		
63	50.9	34.3	51.5
89	51.3	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





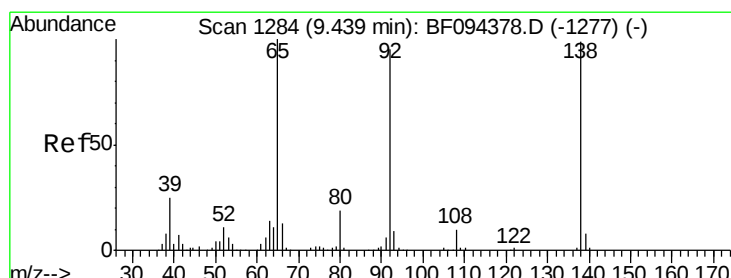
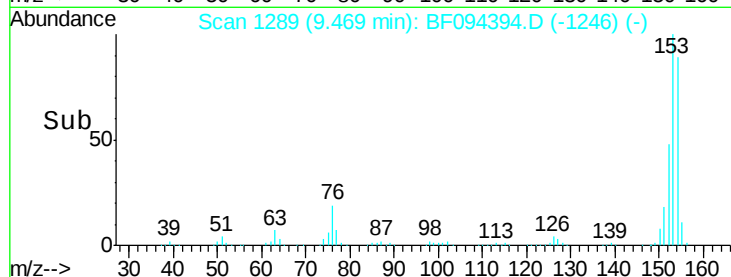
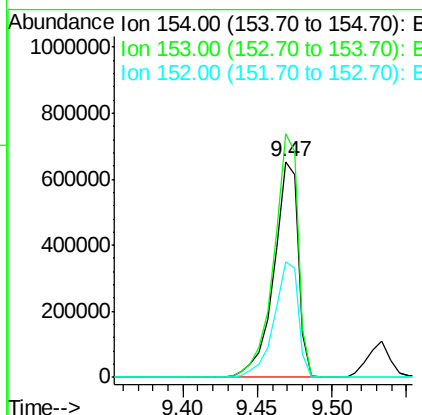
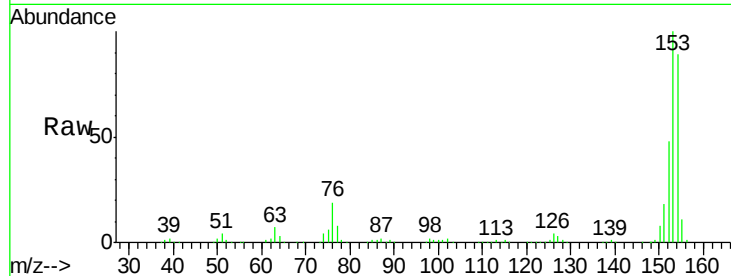
#51
Acenaphthene
Concen: 42.51 ng
RT: 9.47 min Scan# 1289
Delta R.T. -0.05 min
Lab File: BF094394.D
Acq: 13 Apr 2017 17:01

Instrument :
BNA_F
ClientSampleId :
PB98229BS

Tot Ion	Ratio	Lower	Upper
154	100		
153	112.9	90.5	135.7
152	53.9	43.6	65.4

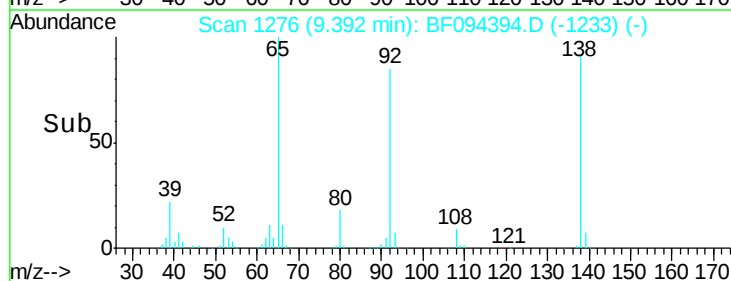
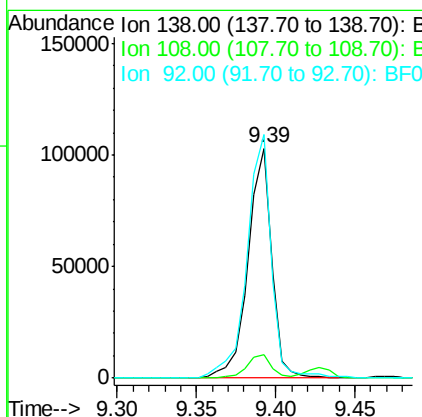
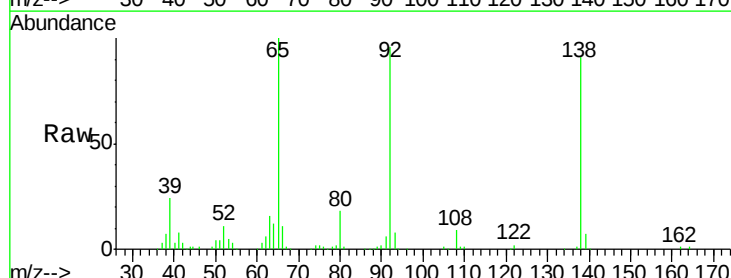
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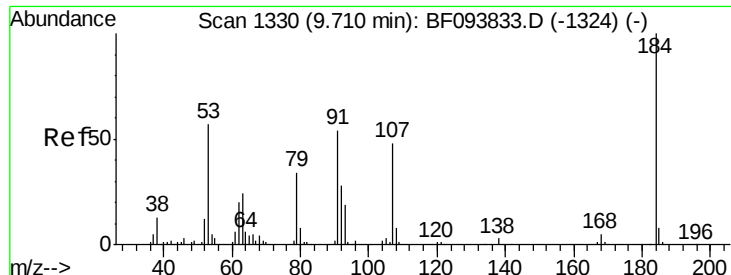
mohammad
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#52
3-Nitroaniline
Concen: 19.55 ng
RT: 9.39 min Scan# 1276
Delta R.T. -0.05 min
Lab File: BF094394.D
Acq: 13 Apr 2017 17:01

Tgt Ion	Ratio	Lower	Upper
138	100		
108	10.2	9.1	13.7
92	105.9	93.8	140.6





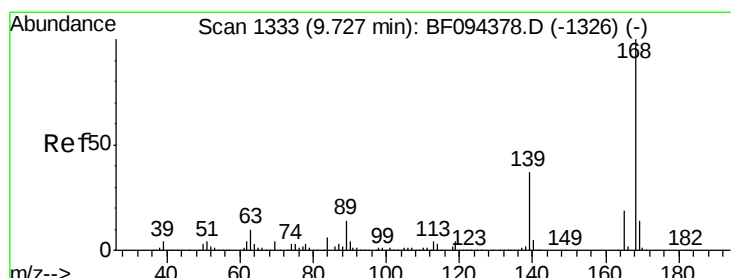
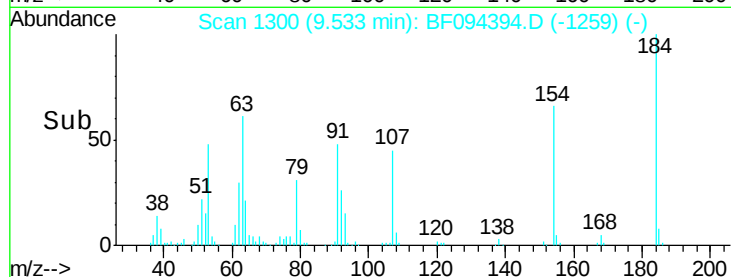
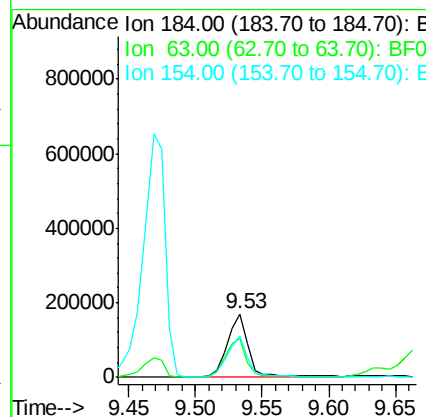
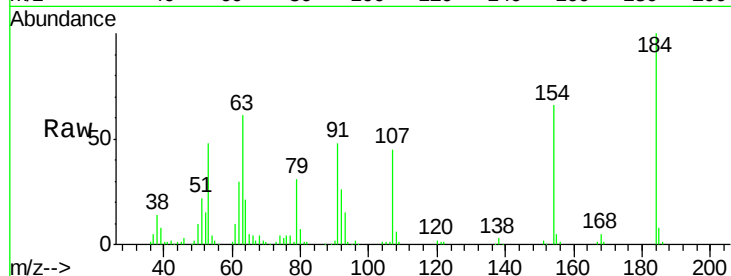
#53
2,4-Dinitrophenol
Concen: 78.02 ng
RT: 9.53 min Scan# 1300
Delta R.T. -0.06 min
Lab File: BF094394.D
Acq: 13 Apr 2017 17:01

Instrument :
BNA_F
ClientSampled :
PB98229BS

Tot Ion	Ratio	Lower	Upper
184	100		
63	60.9	62.7	94.1#
154	65.9	81.1	121.7#

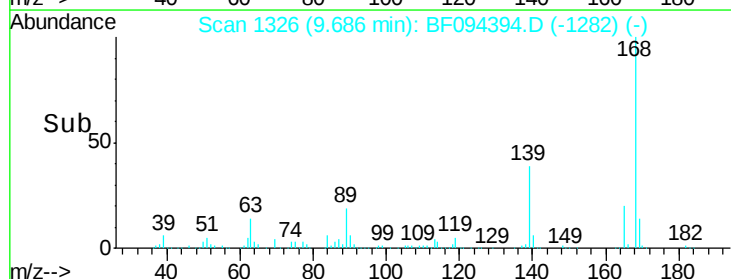
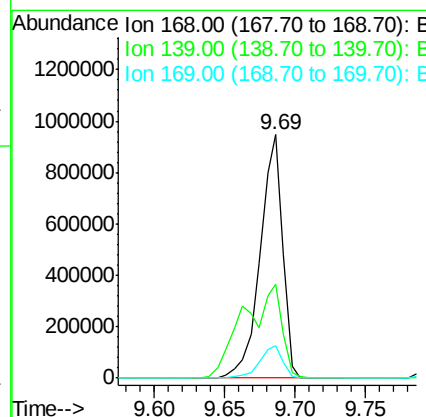
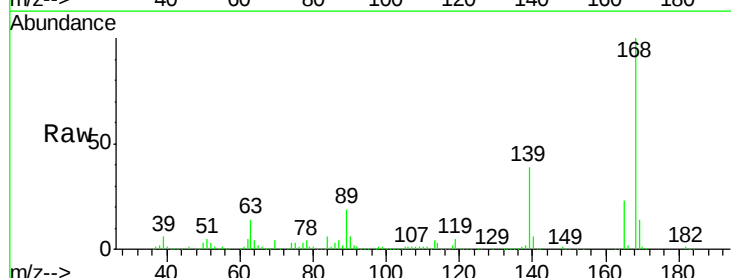
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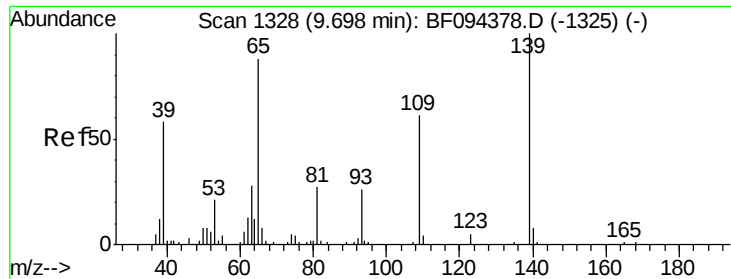
mohammad
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#54
Dibenzofuran
Concen: 44.63 ng
RT: 9.69 min Scan# 1326
Delta R.T. -0.04 min
Lab File: BF094394.D
Acq: 13 Apr 2017 17:01

Tgt Ion	Ratio	Lower	Upper
168	100		
139	38.8	30.6	45.8
169	13.5	10.8	16.2





#55

4-Nitrophenol

Concen: 89.05 ng/mL

RT: 9.66 min Scan# 1322

Delta R.T. -0.04 min

Lab File: BF094394.D

Acq: 13 Apr 2017 17:01

Instrument :

BNA_F

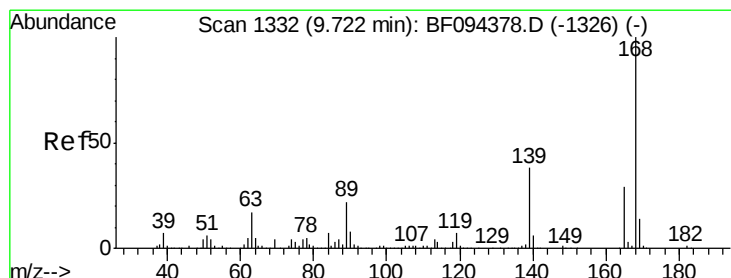
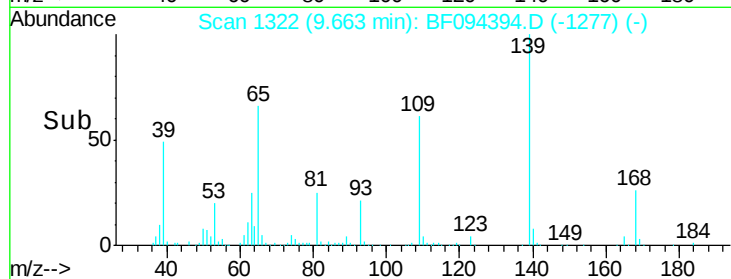
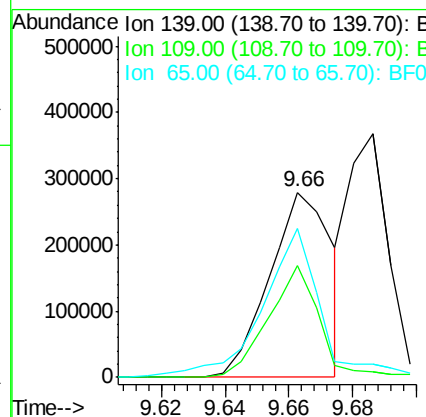
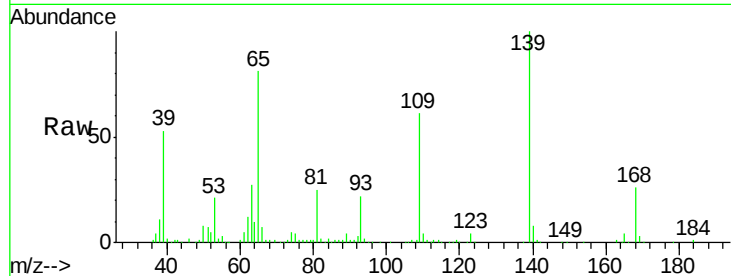
ClientSampleId :

PB98229BS

Tot Ion:	139	Resp:	381645
Ion Ratio	Lower	Upper	
139	100		
109	60.8	34.1	74.1
65	80.9	31.4	71.4

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#56

2,4-Dinitrotoluene

Concen: 43.49 ng/mL

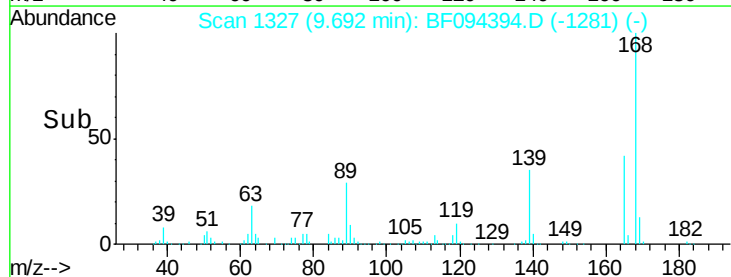
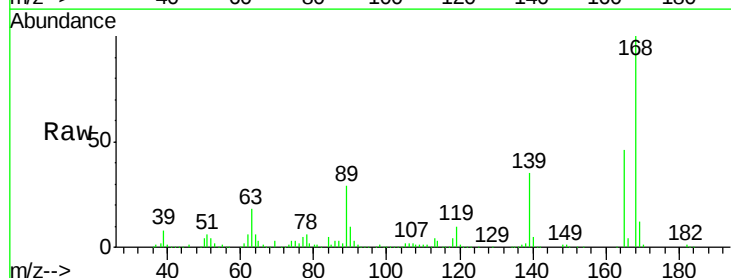
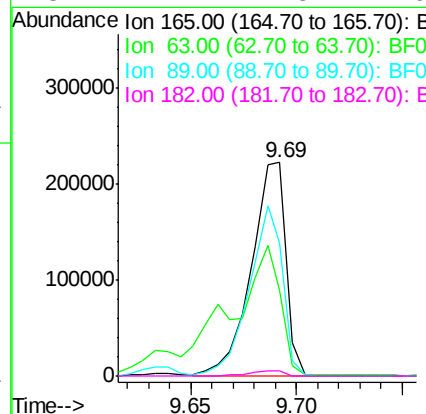
RT: 9.69 min Scan# 1327

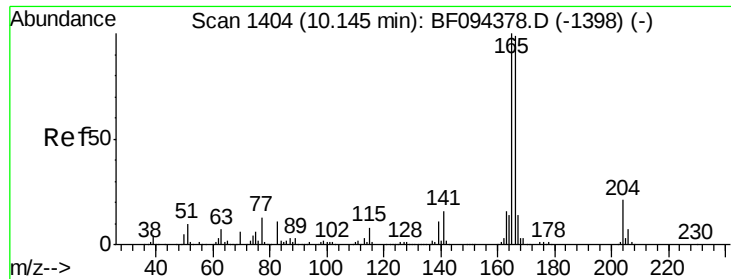
Delta R.T. -0.03 min

Lab File: BF094394.D

Acq: 13 Apr 2017 17:01

Tgt Ion:	165	Resp:	254617
Ion Ratio	Lower	Upper	
165	100		
63	39.9	25.4	38.0
89	62.5	46.4	69.6
182	2.4	1.8	2.6





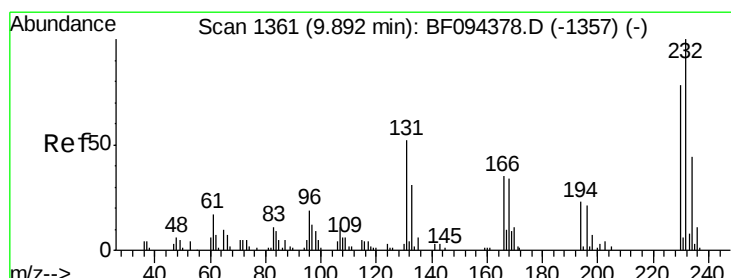
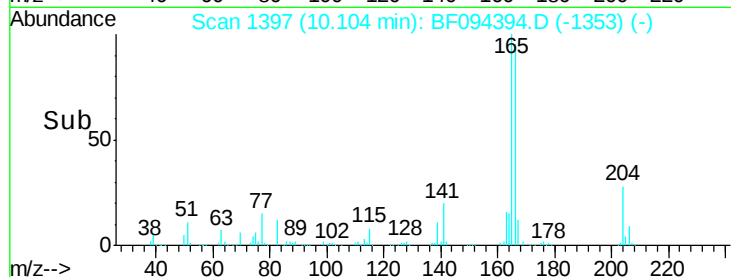
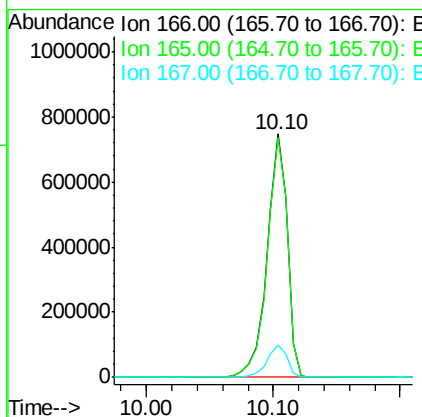
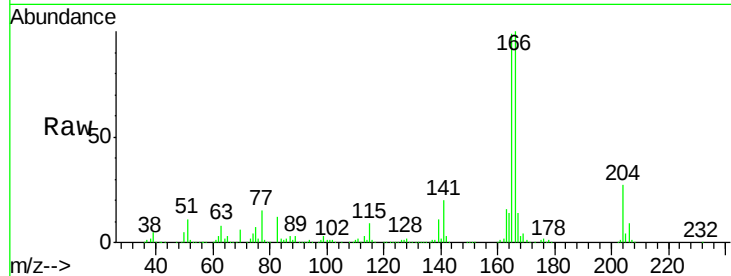
#57
 Fluorene
 Concen: 41.60 ng
 RT: 10.10 min Scan# 1397
 Delta R.T. -0.04 min
 Lab File: BF094394.D
 Acq: 13 Apr 2017 17:01

Instrument :
 BNA_F
 ClientSampleId :
 PB98229BS

Tot Ion	Ratio	Resp	Lower	Upper
166	100	822426		
165	98.7	78.8	118.2	
167	13.5	10.6	16.0	

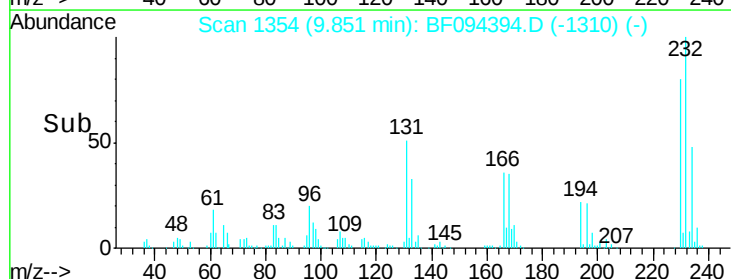
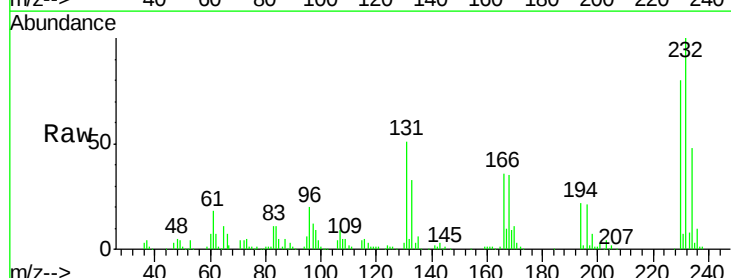
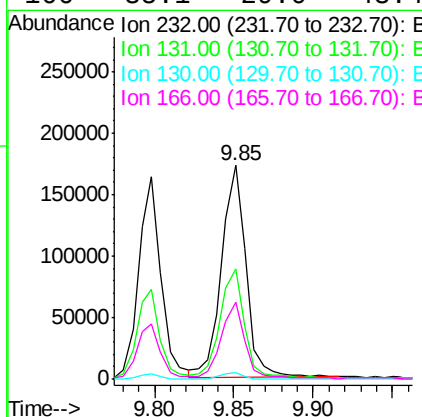
Manual Integrations
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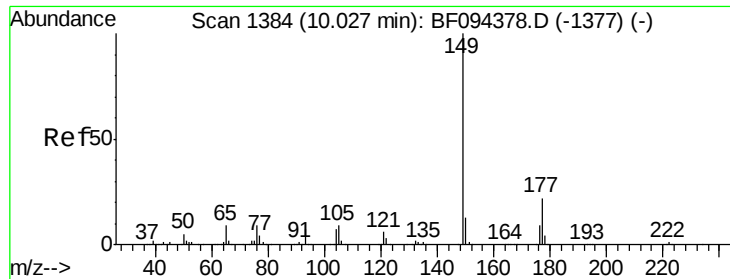
mohammad
 4/14/2017 1:37:10 PM



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 45.17 ng
 RT: 9.85 min Scan# 1354
 Delta R.T. -0.04 min
 Lab File: BF094394.D
 Acq: 13 Apr 2017 17:01

Tgt Ion	Ratio	Resp	Lower	Upper
232	100	185623		
131	54.6	44.8	67.2	
130	2.6	2.3	3.5	
166	35.1	29.0	43.4	





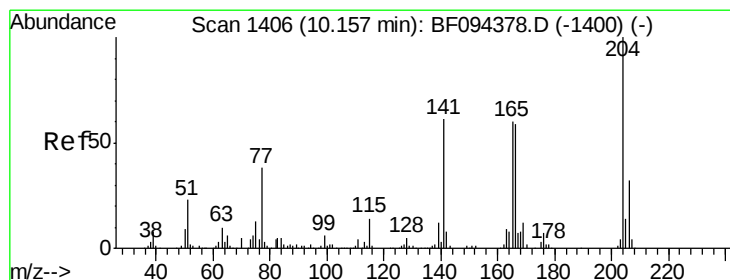
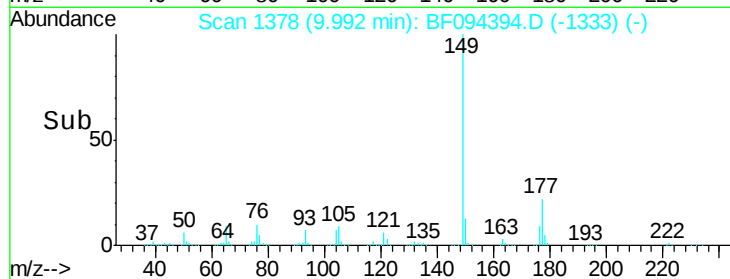
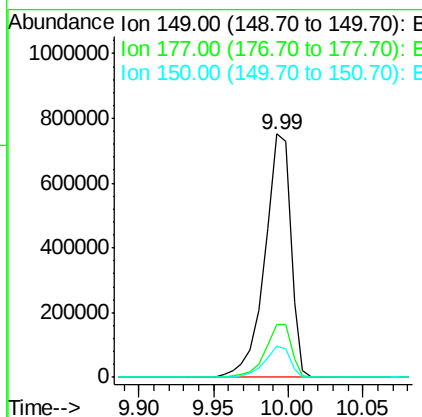
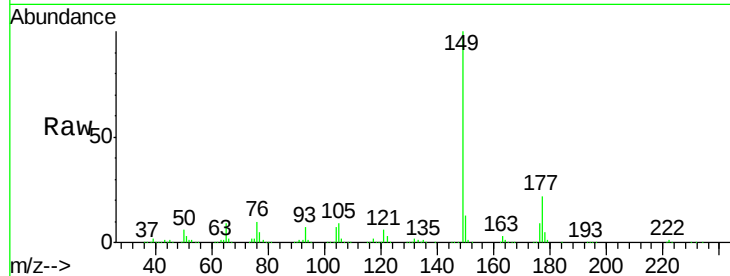
#59
Diethylphthalate
Concen: 44.99 ng
RT: 9.99 min Scan# 1378
Delta R.T. -0.04 min
Lab File: BF094394.D
Acq: 13 Apr 2017 17:01

Instrument :
BNA_F
ClientSampleId :
PB98229BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
149	100		903999		
177	21.6	16.7	25.1		
150	12.6	10.2	15.2		

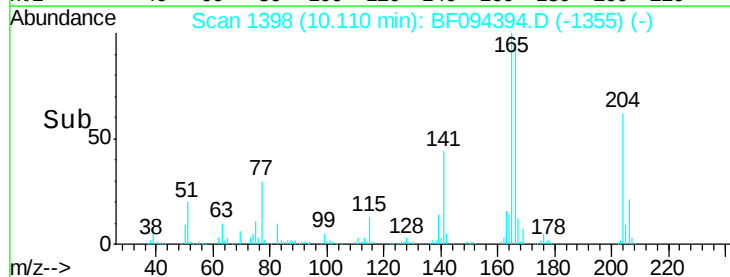
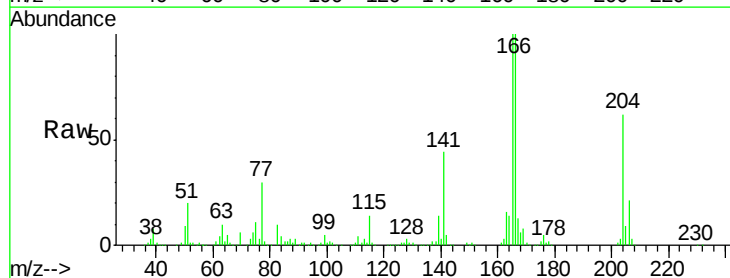
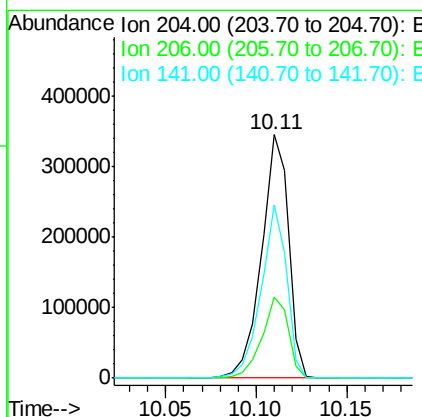
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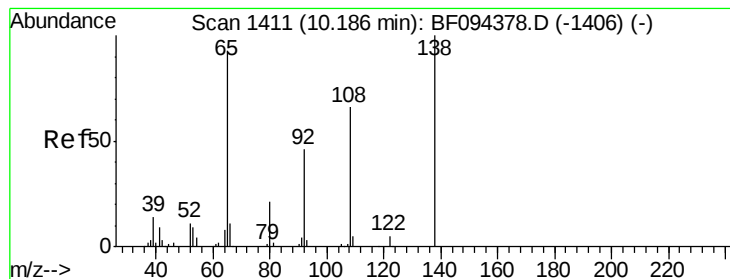
mohammad
4/14/2017 1:37:10 PM



#60
4-Chlorophenyl-phenylether
Concen: 42.59 ng
RT: 10.11 min Scan# 1398
Delta R.T. -0.05 min
Lab File: BF094394.D
Acq: 13 Apr 2017 17:01

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
204	100		358693		
206	33.1	26.2	39.2		
141	70.9	60.8	91.2		





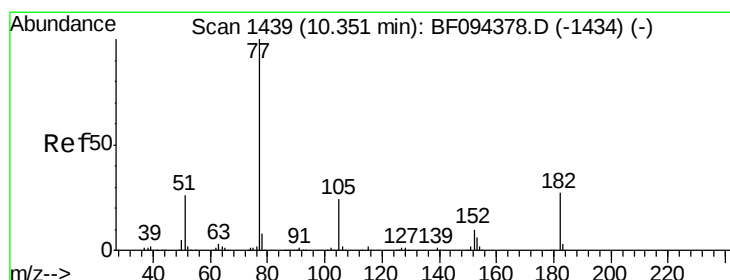
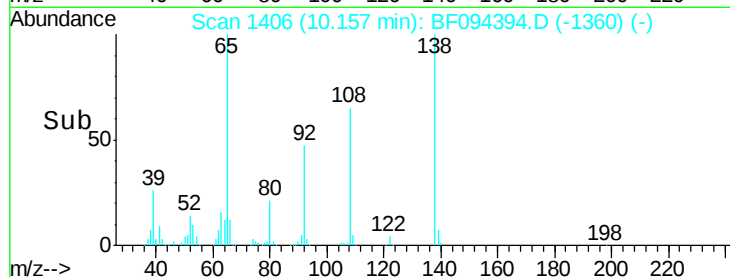
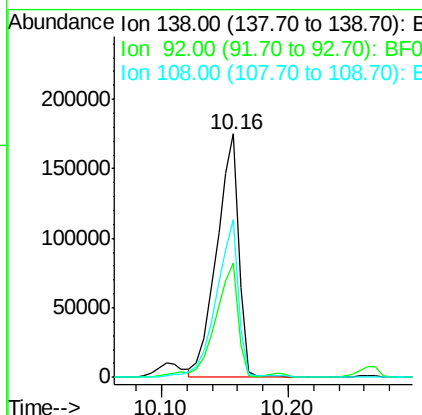
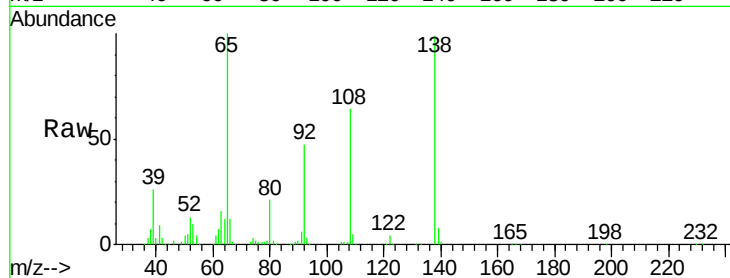
#61
4-Nitroaniline
Concen: 40.53 ng
RT: 10.16 min Scan# 1406
Delta R.T. -0.03 min
Lab File: BF094394.D
Acq: 13 Apr 2017 17:01

Instrument :
BNA_F
ClientSampleId :
PB98229BS

Tot Ion	Ratio	Lower	Upper
138	100		
92	47.1	21.8	61.8
108	64.6	42.3	82.3

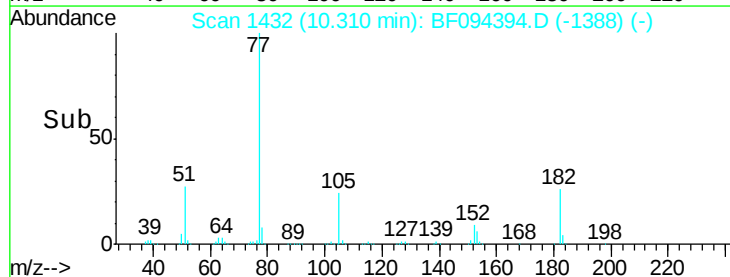
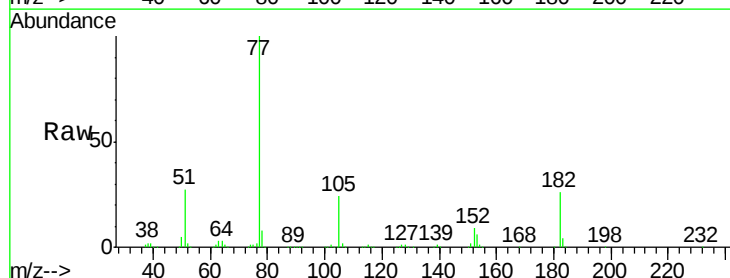
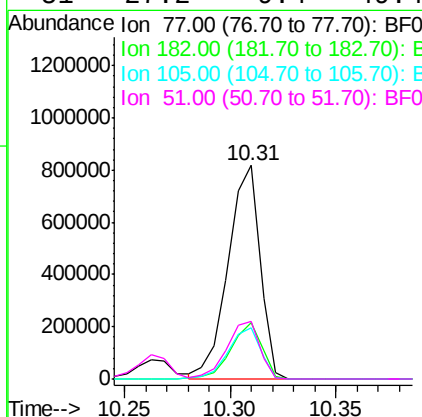
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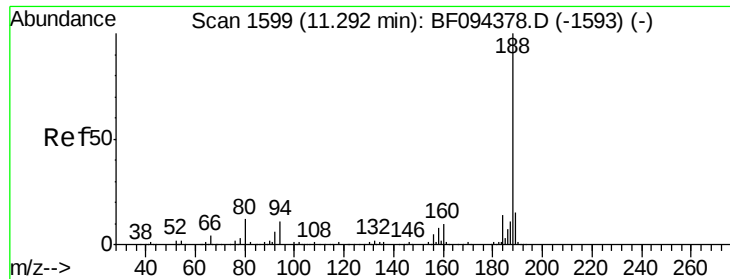
mohammad
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#62
Azobenzene
Concen: 45.02 ng
RT: 10.31 min Scan# 1432
Delta R.T. -0.04 min
Lab File: BF094394.D
Acq: 13 Apr 2017 17:01

Tgt Ion	Ratio	Lower	Upper
77	100		
182	26.2	0.1	40.1
105	24.1	3.6	43.6
51	27.2	9.4	49.4





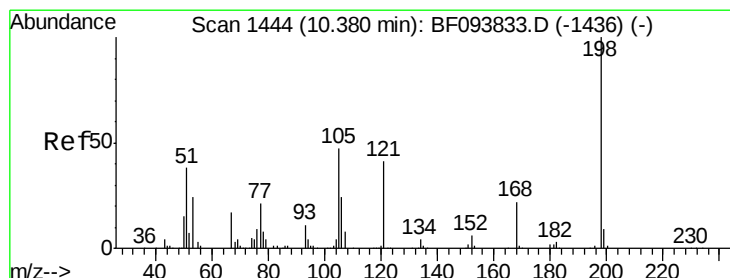
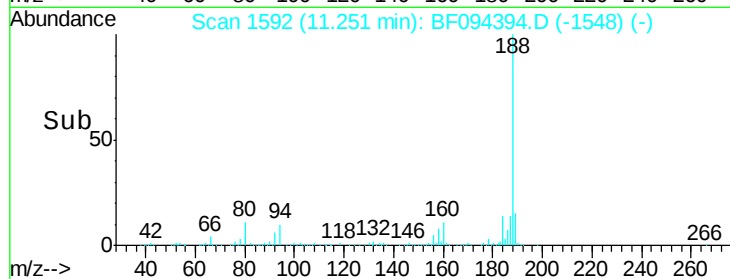
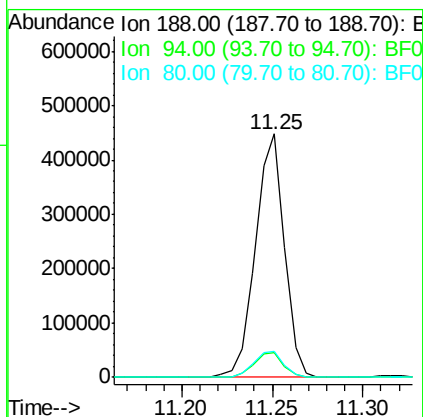
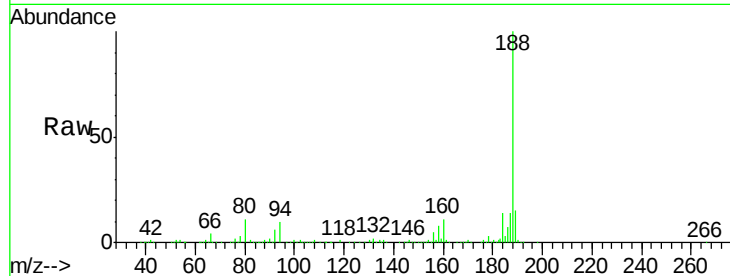
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.25 min Scan# 1592
Delta R.T. -0.04 min
Lab File: BF094394.D
Acq: 13 Apr 2017 17:01

Instrument :
BNA_F
ClientSampleId :
PB98229BS

Tot Ion	Ratio	Resp	Lower	Upper
188	100	495494		
94	10.2		9.4	14.2
80	10.7		10.2	15.2

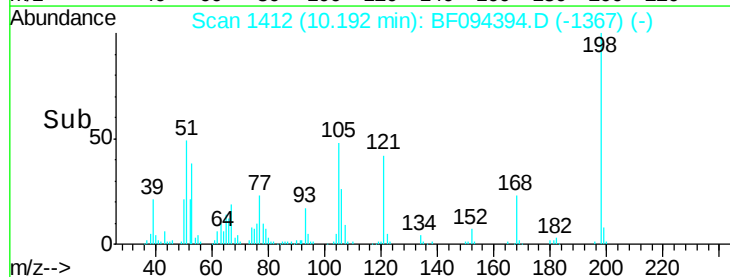
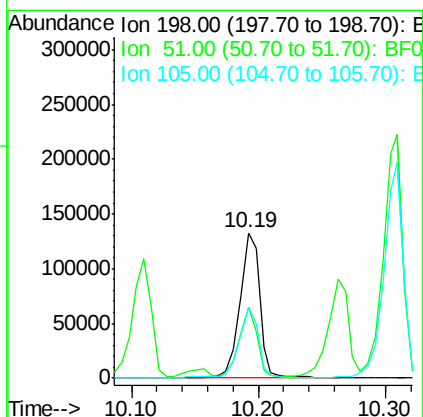
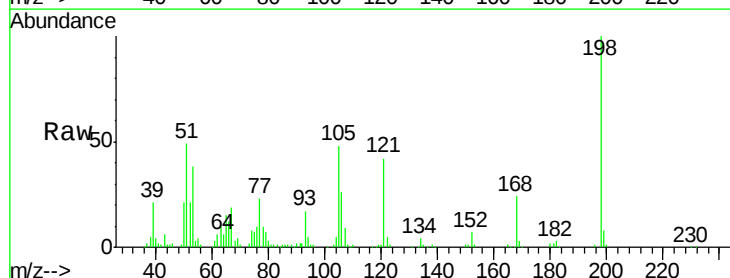
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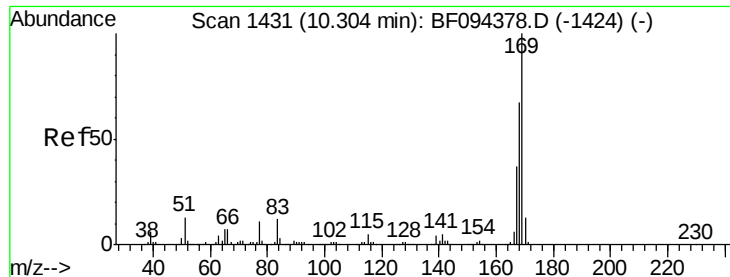
mohammad
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#64
4,6-Dinitro-2-methylphenol
Concen: 47.55 ng
RT: 10.19 min Scan# 1412
Delta R.T. -0.04 min
Lab File: BF094394.D
Acq: 13 Apr 2017 17:01

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	144281		
51	48.7		53.2	93.2#
105	48.4		45.8	85.8





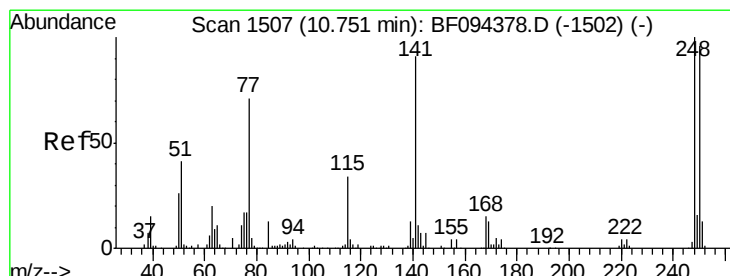
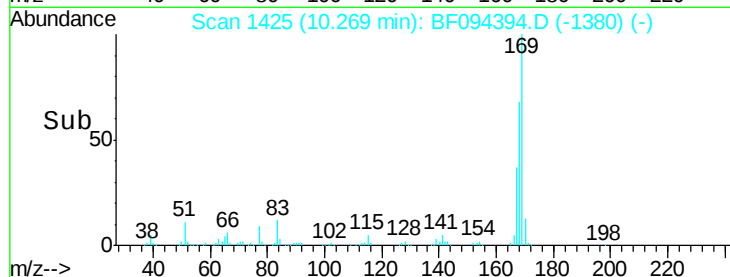
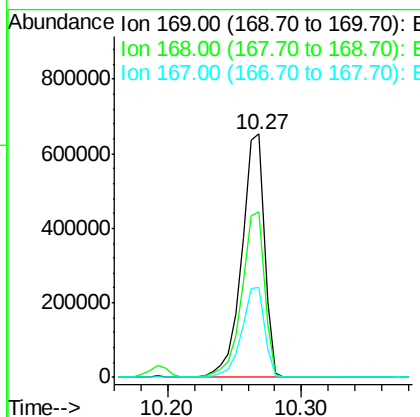
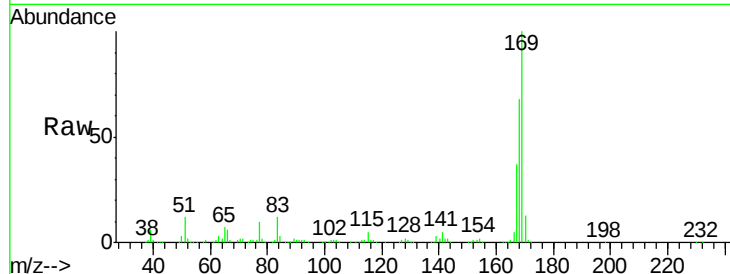
#65
n-Nitrosodiphenylamine
Concen: 44.72 ng
RT: 10.27 min Scan# 1425
Delta R.T. -0.04 min
Lab File: BF094394.D
Acq: 13 Apr 2017 17:01

Instrument :
BNA_F
ClientSampleId :
PB98229BS

Tot Ion	Ratio	Resp	Lower	Upper
169	100	766354		
168	68.1	53.2	79.8	
167	37.1	29.5	44.3	

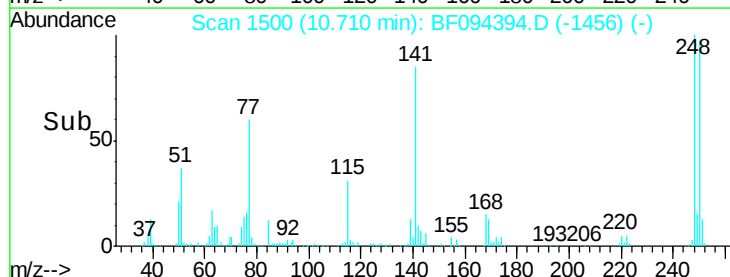
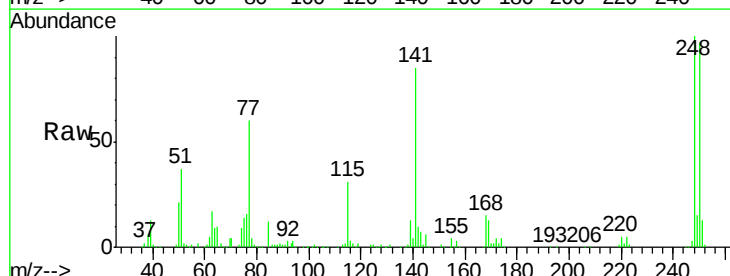
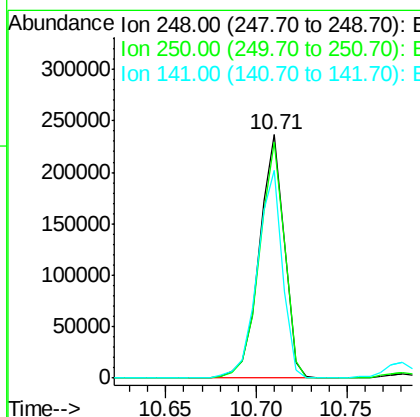
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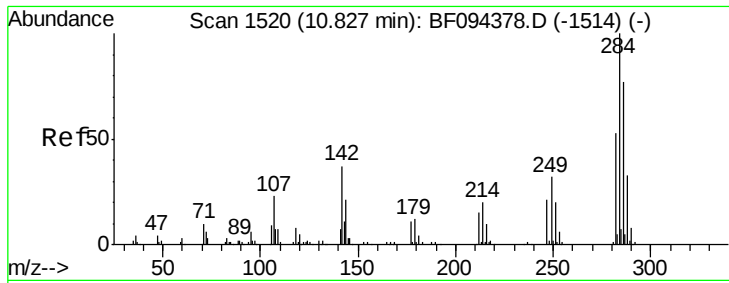
mohammad
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#66
4-Bromophenyl-phenylether
Concen: 46.79 ng
RT: 10.71 min Scan# 1500
Delta R.T. -0.04 min
Lab File: BF094394.D
Acq: 13 Apr 2017 17:01

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	228016		
250	96.8	76.8	115.2	
141	85.5	68.6	103.0	





#67

Hexachlorobenzene

Concen: 45.56 ng

RT: 10.78 min Scan# 1512

Delta R.T. -0.05 min

Lab File: BF094394.D

Acq: 13 Apr 2017 17:01

Instrument :

BNA_F

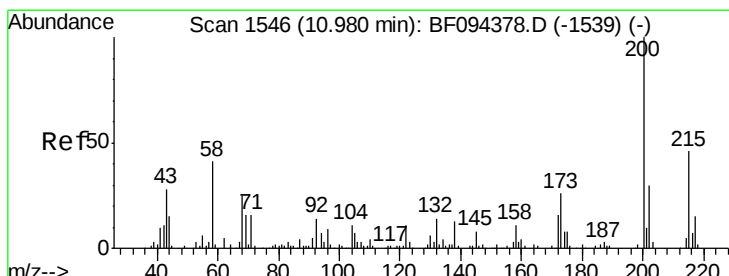
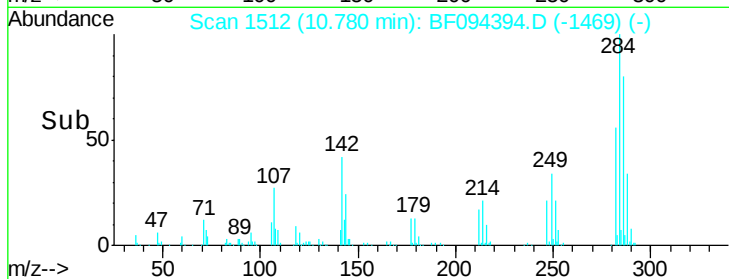
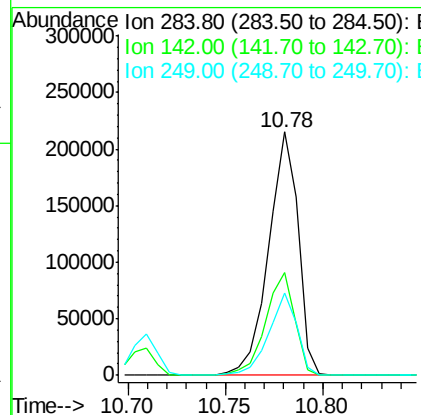
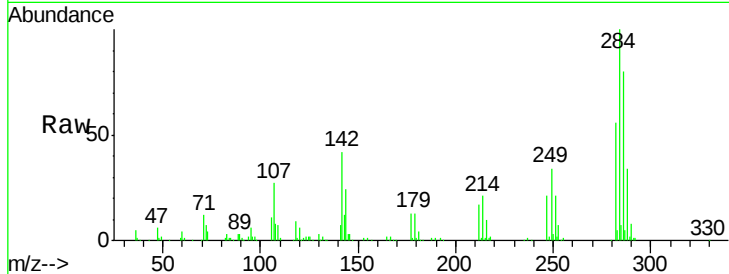
ClientSampleId :

PB98229BS

Tot Ion:	284	Resp:	224765
Ion Ratio		Lower	Upper
284	100		
142	42.4	22.8	34.2#
249	33.6	24.0	36.0

Manual Integrations
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#68

Atrazine

Concen: 45.36 ng

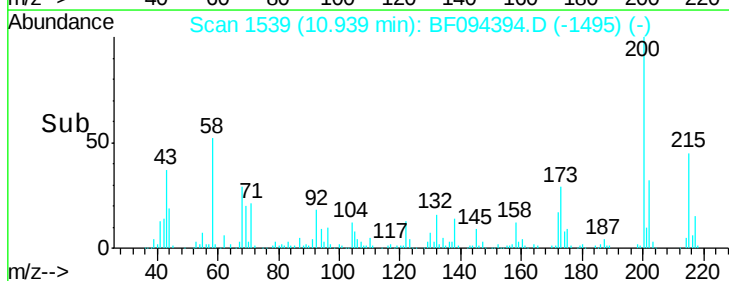
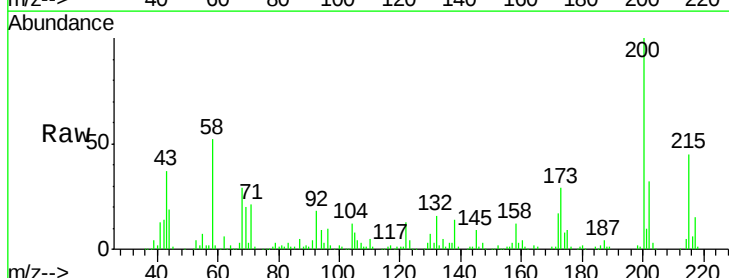
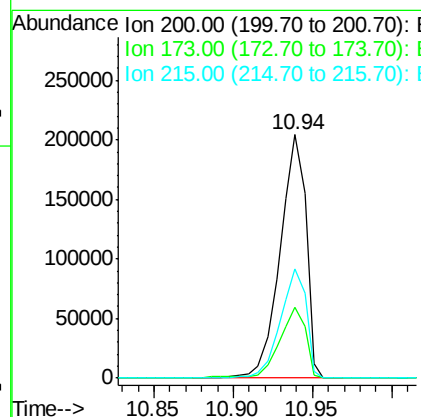
RT: 10.94 min Scan# 1539

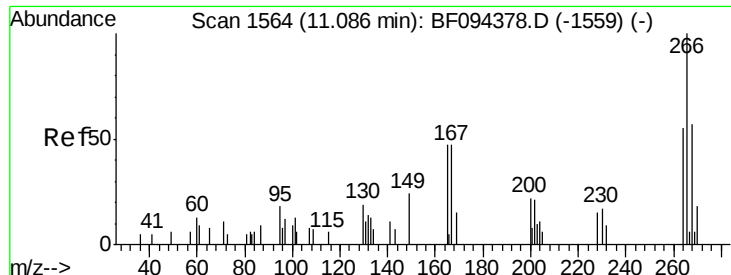
Delta R.T. -0.04 min

Lab File: BF094394.D

Acq: 13 Apr 2017 17:01

Tgt Ion:	200	Resp:	232795
Ion Ratio		Lower	Upper
200	100		
173	29.3	6.3	46.3
215	44.6	27.2	67.2





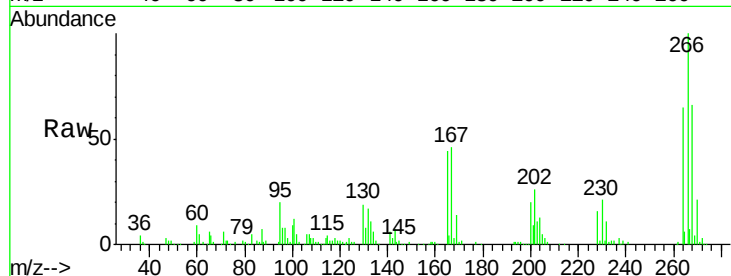
#69
 Pentachlorophenol
 Concen: 57.48 ng
 RT: 11.04 min Scan# 1556
 Delta R.T. -0.05 min
 Lab File: BF094394.D
 Acq: 13 Apr 2017 17:01

Instrument :
 BNA_F
 ClientSampleId :
 PB98229BS

Tot Ion	Ratio	Lower	Upper
266	100		
268	66.3	51.1	76.7
264	64.8	51.7	77.5

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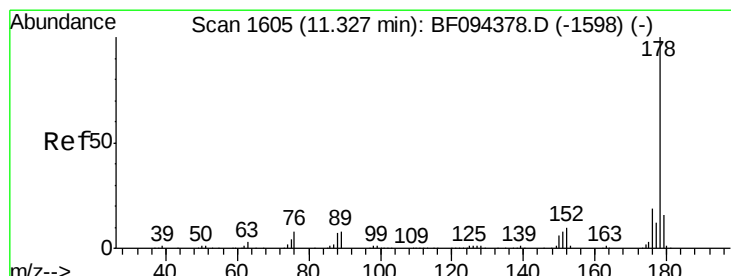
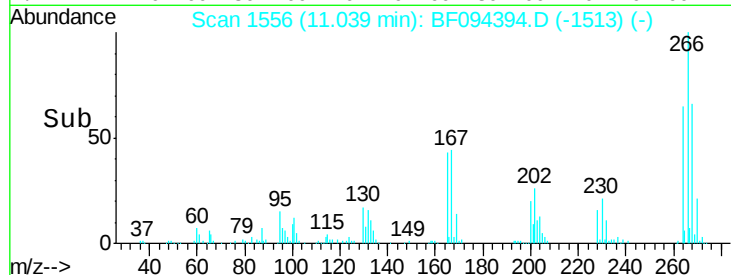
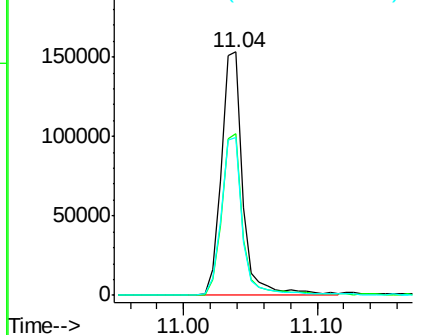


Abundance

Ion 265.70 (265.40 to 266.40): E

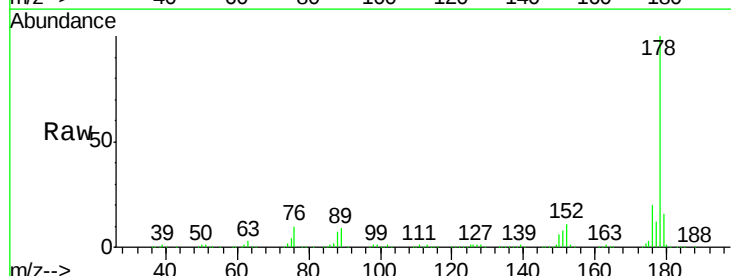
Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E



#70
 Phenanthrene
 Concen: 43.92 ng
 RT: 11.28 min Scan# 1597
 Delta R.T. -0.05 min
 Lab File: BF094394.D
 Acq: 13 Apr 2017 17:01

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.5	16.2	24.4
179	15.7	12.6	19.0

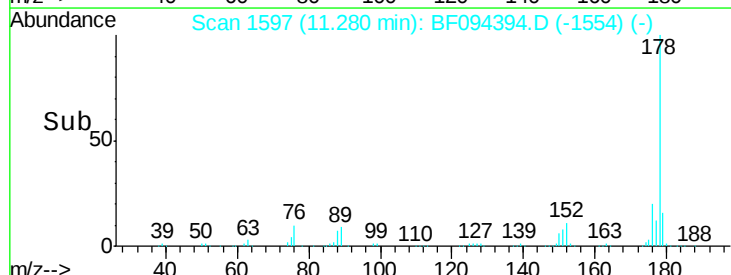
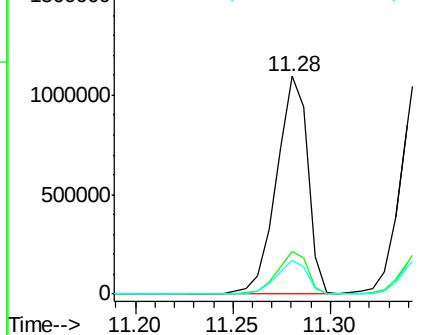


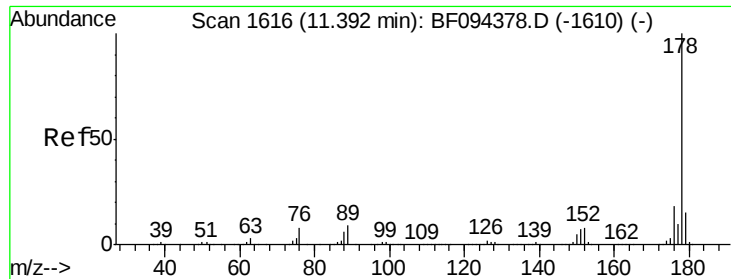
Abundance

Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





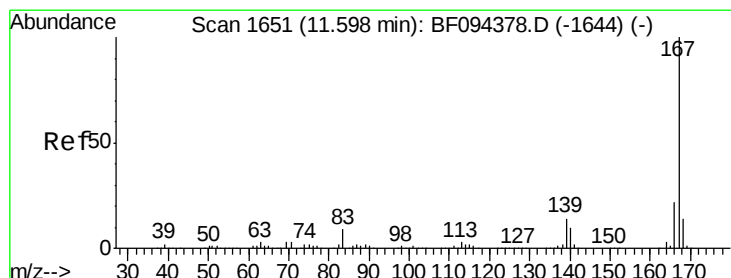
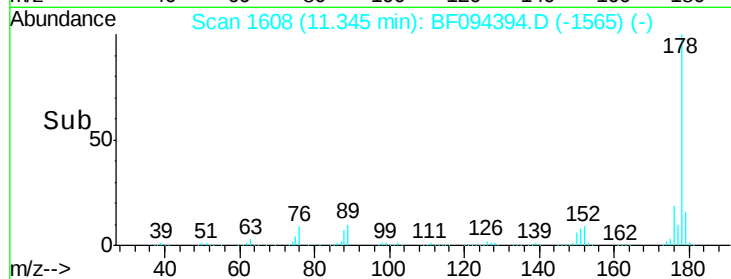
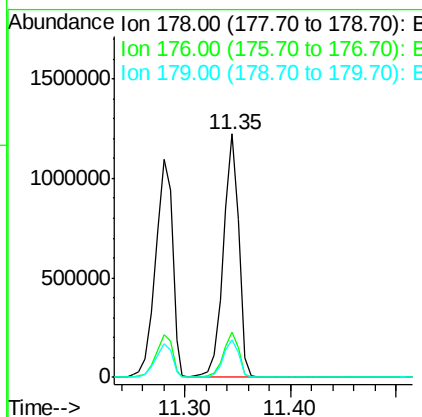
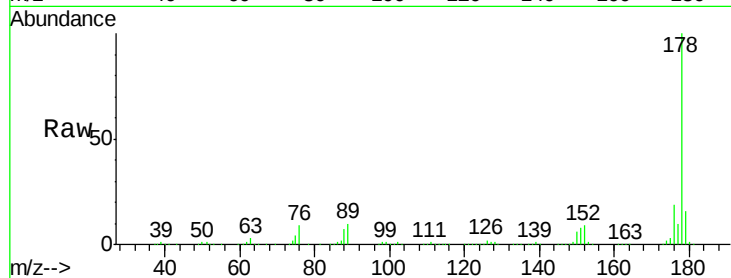
#71
 Anthracene
 Concen: 44.00 ng
 RT: 11.35 min Scan# 1608
 Delta R.T. -0.05 min
 Lab File: BF094394.D
 Acq: 13 Apr 2017 17:01

Instrument :
 BNA_F
 ClientSampleId :
 PB98229BS

Tot Ion:178 Resp: 1248694
 Ion Ratio Lower Upper
 178 100
 176 18.7 15.8 23.8
 179 15.5 12.7 19.1

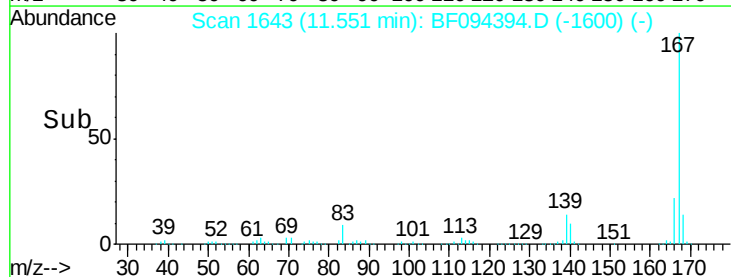
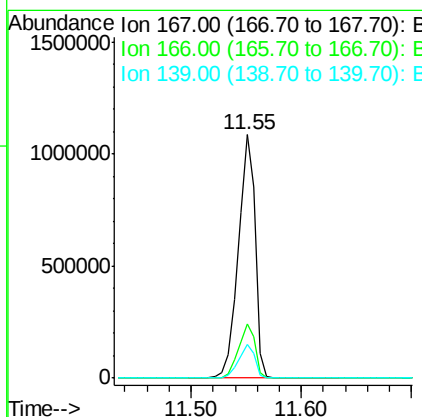
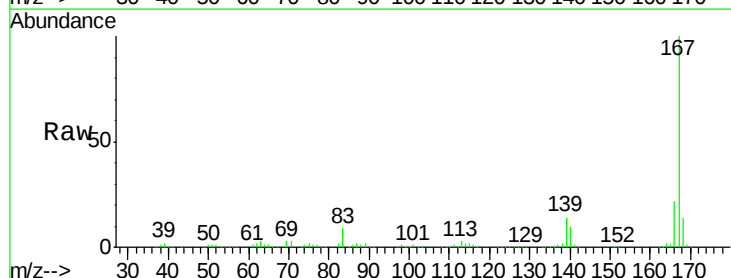
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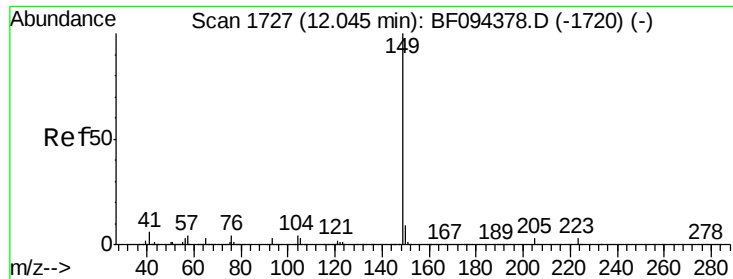
mohammad
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#72
 Carbazole
 Concen: 40.03 ng
 RT: 11.55 min Scan# 1643
 Delta R.T. -0.05 min
 Lab File: BF094394.D
 Acq: 13 Apr 2017 17:01

Tgt Ion:167 Resp: 1165037
 Ion Ratio Lower Upper
 167 100
 166 22.4 18.1 27.1
 139 13.9 11.7 17.5





#73

Di-n-butylphthalate

Concen: 46.51 ng

RT: 12.00 min Scan# 1719

Delta R.T. -0.05 min

Lab File: BF094394.D

Acq: 13 Apr 2017 17:01

Instrument :

BNA_F

ClientSampleId :

PB98229BS

Tot Ion:149 Resp: 1407689

Ion Ratio Lower Upper

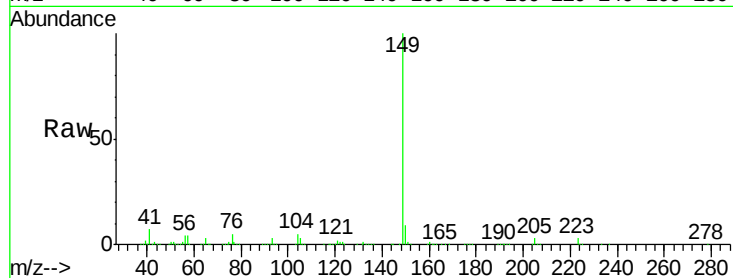
149 100

150 9.5 7.7 11.5

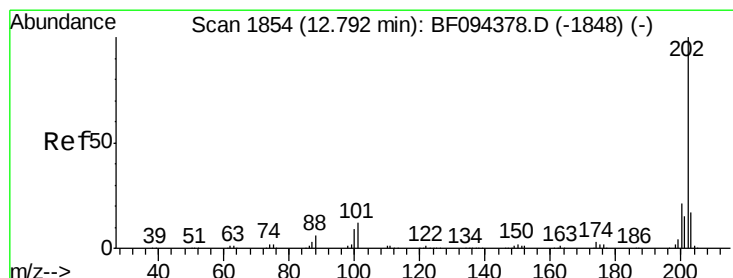
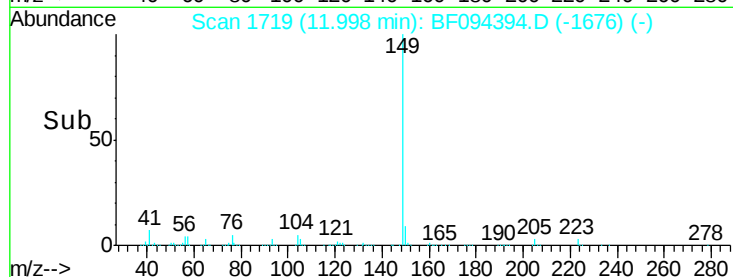
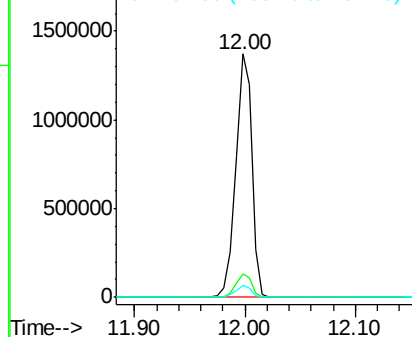
104 4.7 4.0 6.0

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



#74

Fluoranthene

Concen: 43.81 ng

RT: 12.74 min Scan# 1845

Delta R.T. -0.05 min

Lab File: BF094394.D

Acq: 13 Apr 2017 17:01

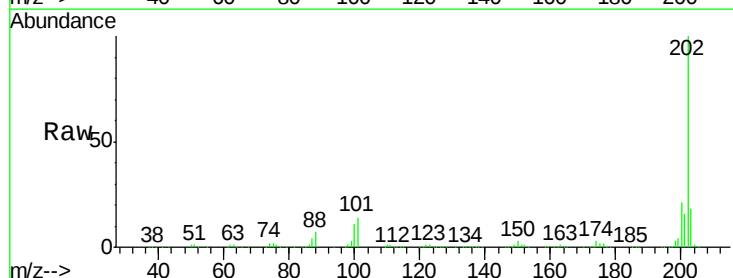
Tgt Ion:202 Resp: 1236381

Ion Ratio Lower Upper

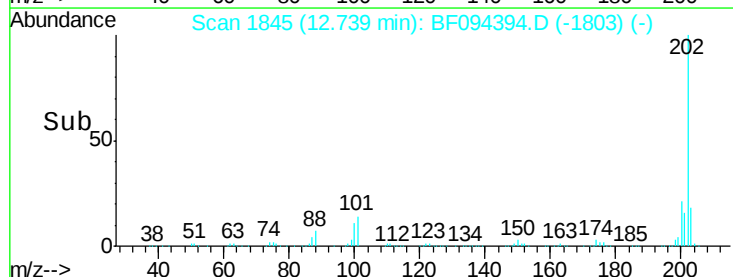
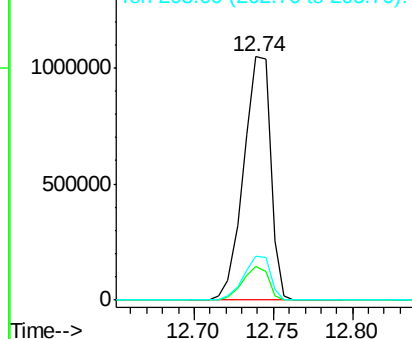
202 100

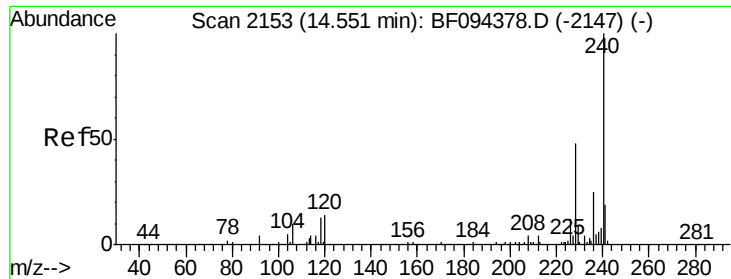
101 14.1 0.0 33.2

203 18.0 0.0 38.1



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





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.50 min Scan# 2145

Delta R.T. -0.05 min

Lab File: BF094394.D

Acq: 13 Apr 2017 17:01

Instrument :

BNA_F

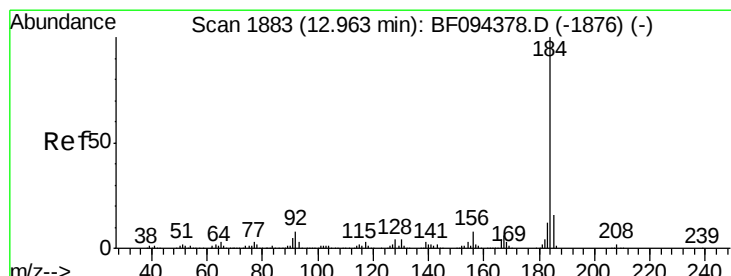
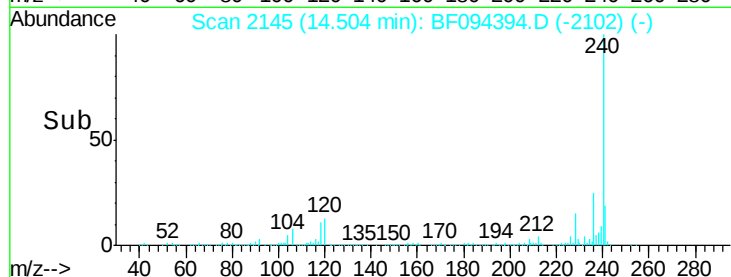
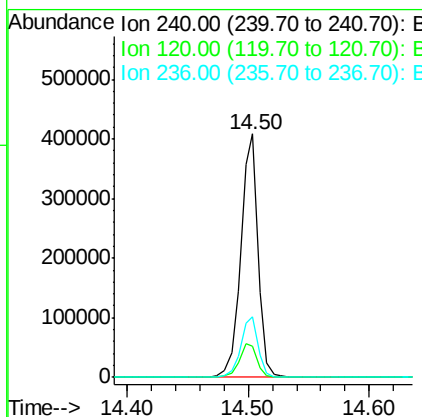
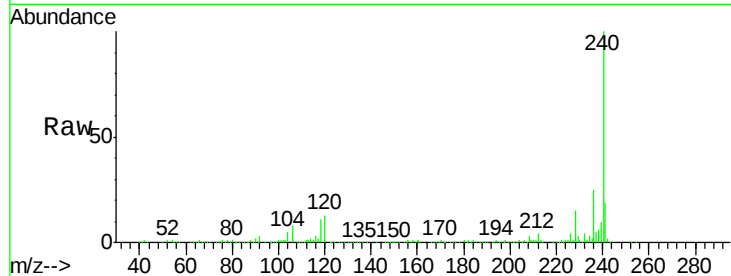
ClientSampled :

PB98229BS

Tot Ion	Ratio	Lower	Upper
240	100		
120	12.7	5.8	8.8#
236	24.9	20.5	30.7

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#76

Benzidine

Concen: 25.80 ng

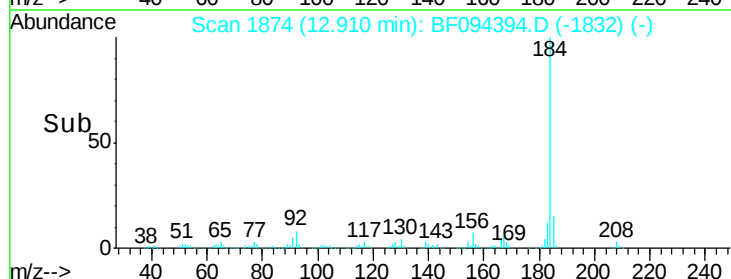
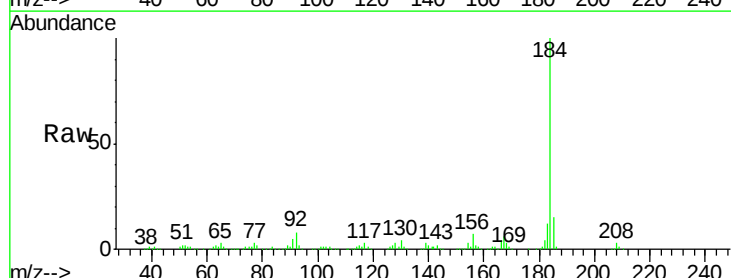
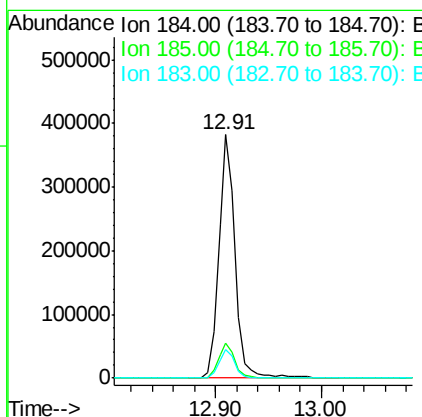
RT: 12.91 min Scan# 1874

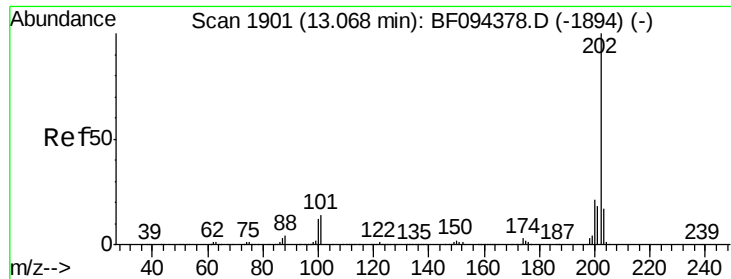
Delta R.T. -0.05 min

Lab File: BF094394.D

Acq: 13 Apr 2017 17:01

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





#77

Pvrene

Concen: 42.89 ng

RT: 13.02 min Scan# 1892

Delta R.T. -0.05 min

Lab File: BF094394.D

Acq: 13 Apr 2017 17:01

Instrument :

BNA_F

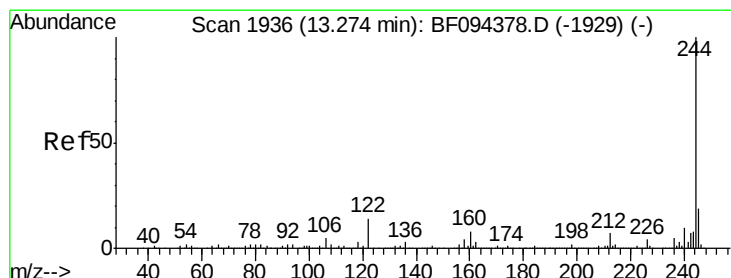
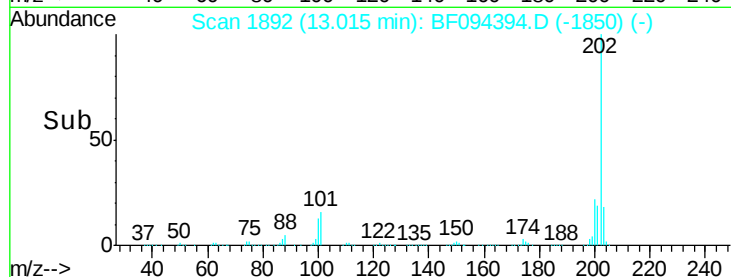
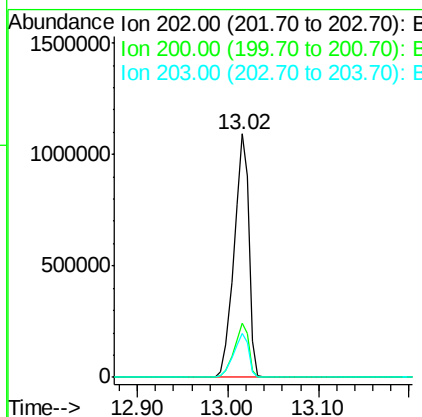
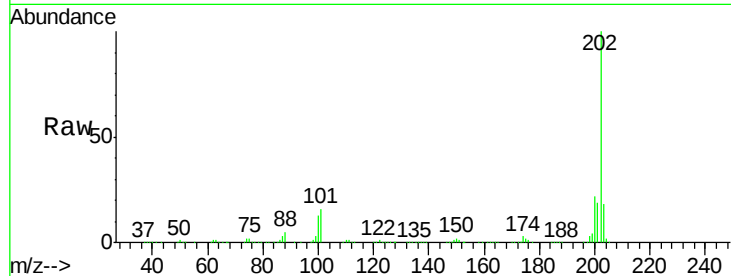
ClientSampleId :

PB98229BS

Tot Ion:	202	Resp:	1259410
Ion	Ratio	Lower	Upper
202	100		
200	22.0	17.6	26.4
203	18.0	14.4	21.6

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#78

Terphenyl-d14

Concen: 79.63 ng

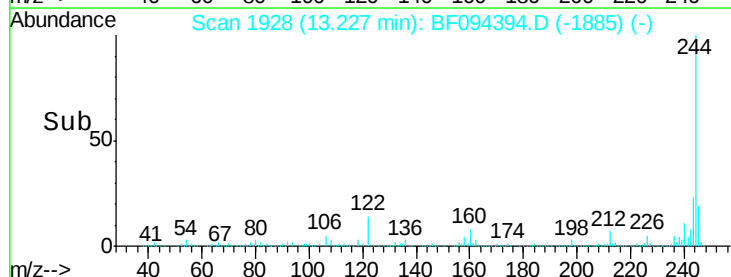
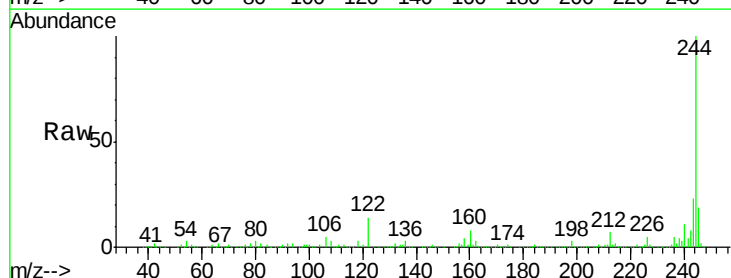
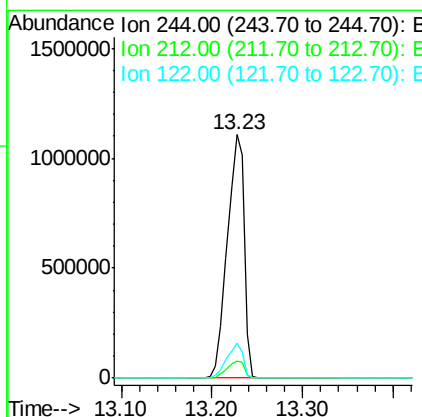
RT: 13.23 min Scan# 1928

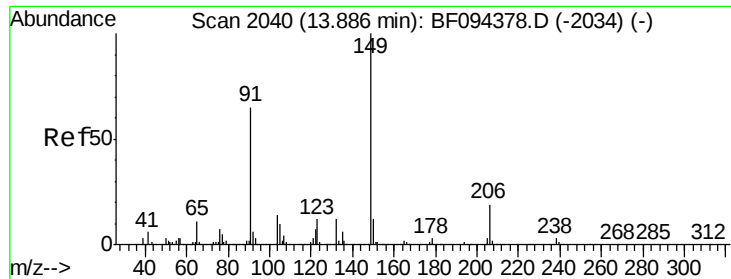
Delta R.T. -0.05 min

Lab File: BF094394.D

Acq: 13 Apr 2017 17:01

Tgt Ion:	244	Resp:	1437390
Ion	Ratio	Lower	Upper
244	100		
212	7.3	6.0	9.0
122	14.2	10.3	15.5





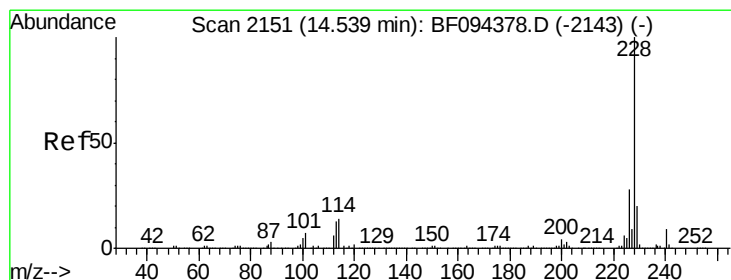
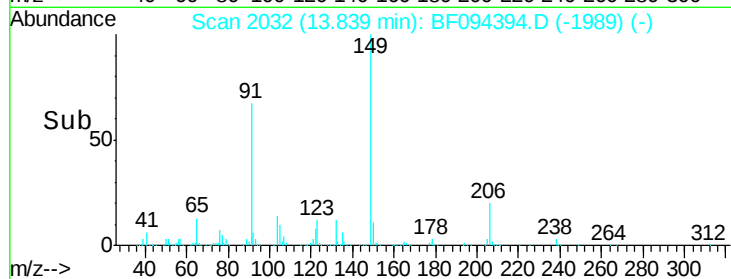
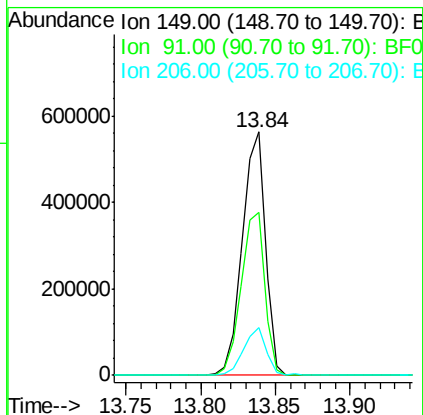
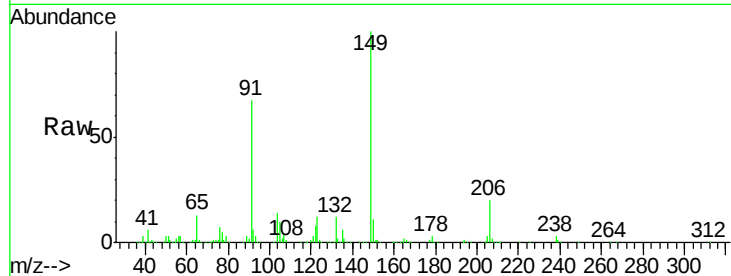
#79
Butylbenzylphthalate
Concen: 48.38 ng
RT: 13.84 min Scan# 2032
Delta R.T. -0.05 min
Lab File: BF094394.D
Acq: 13 Apr 2017 17:01

Instrument :
BNA_F
ClientSampleId :
PB98229BS

Tot Ion	Ratio	Lower	Upper
149	100		
91	67.0	45.0	67.4
206	19.6	17.0	25.6

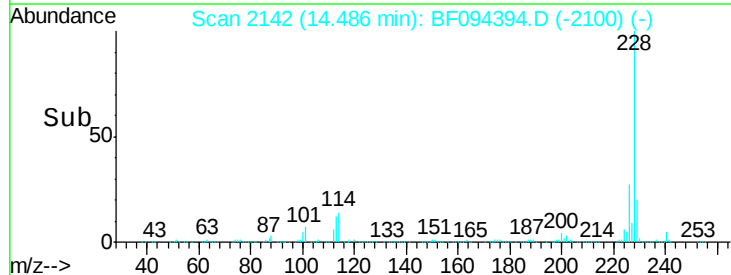
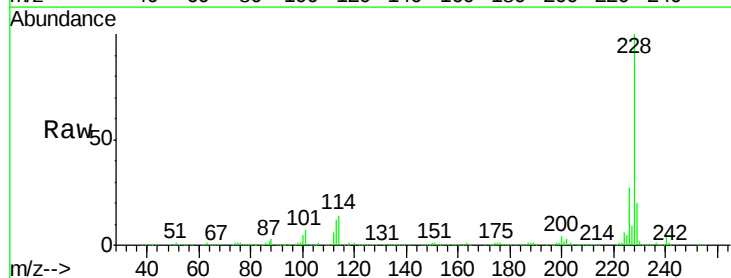
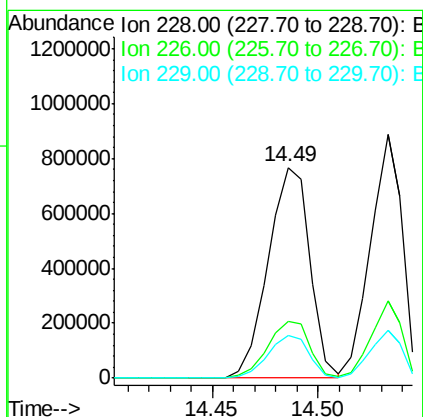
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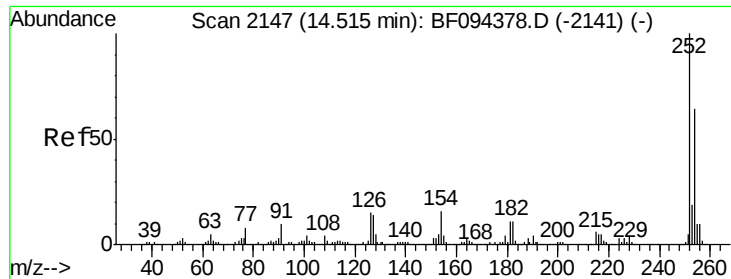
mohammad
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#80
Benzo(a)anthracene
Concen: 44.69 ng
RT: 14.49 min Scan# 2142
Delta R.T. -0.05 min
Lab File: BF094394.D
Acq: 13 Apr 2017 17:01

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.1	22.6	33.8
229	20.0	16.3	24.5





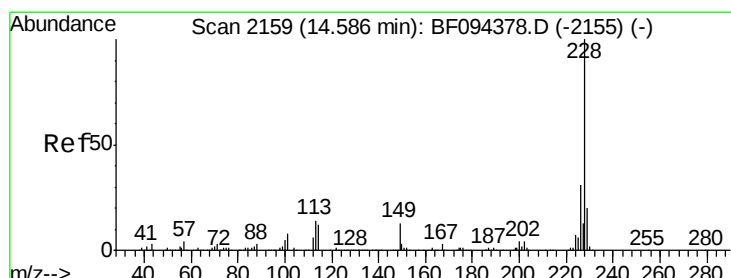
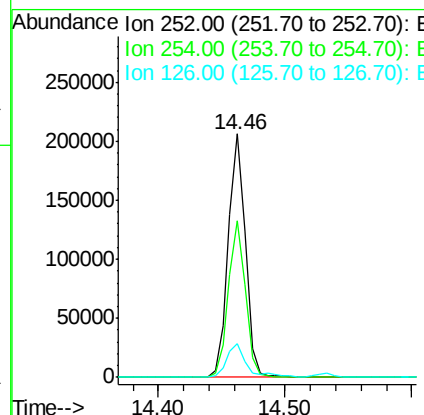
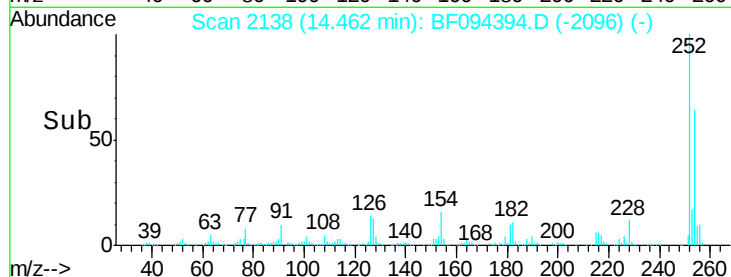
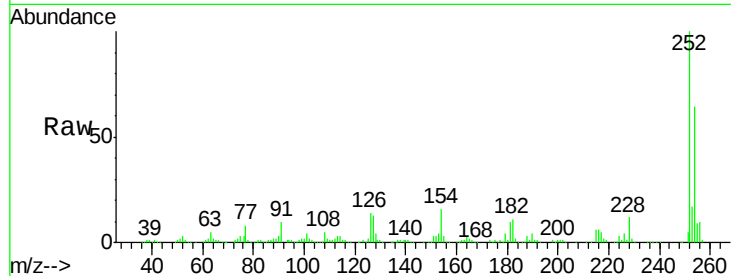
#81
 3,3'-Dichlorobenzidine
 Concen: 23.22 ng
 RT: 14.46 min Scan# 2138
 Delta R.T. -0.05 min
 Lab File: BF094394.D
 Acq: 13 Apr 2017 17:01

Instrument :
 BNA_F
 ClientSampleID :
 PB98229BS

Tot Ion	Ratio	Resp Lower	Resp Upper
252	100		
254	64.3	51.5	77.3
126	13.7	15.8	23.8

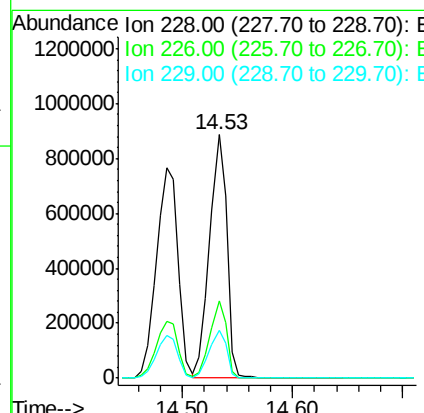
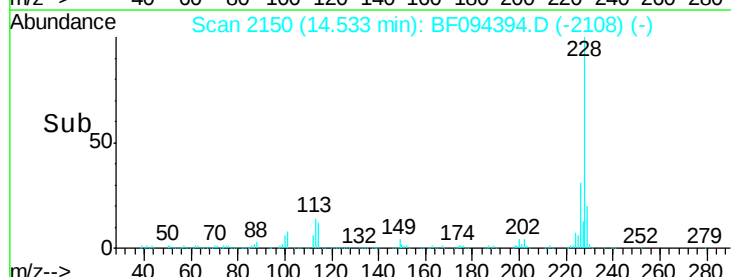
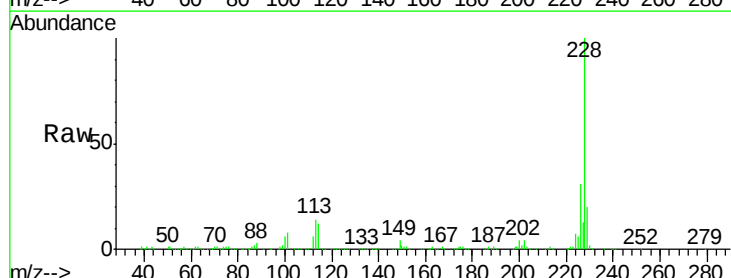
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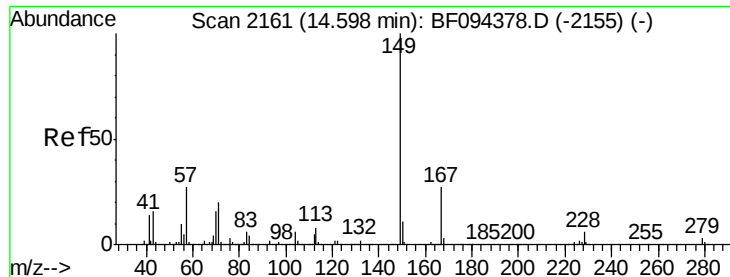
mohammad
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#82
 Chrysene
 Concen: 42.84 ng
 RT: 14.53 min Scan# 2150
 Delta R.T. -0.05 min
 Lab File: BF094394.D
 Acq: 13 Apr 2017 17:01

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
226	31.5	24.9	37.3
229	19.8	15.8	23.6





#83

Bis(2-ethylhexyl)phthalate

Concen: 49.52 ng

RT: 14.55 min Scan# 2153

Delta R.T. -0.05 min

Lab File: BF094394.D

Acq: 13 Apr 2017 17:01

Instrument :

BNA_F

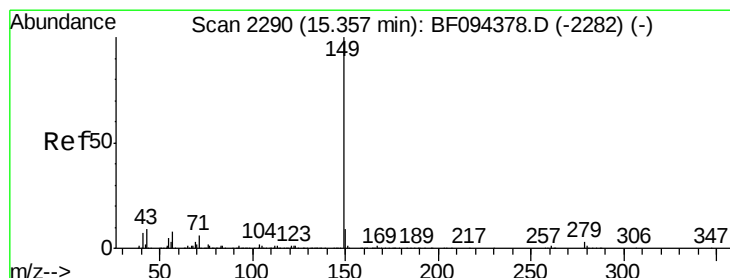
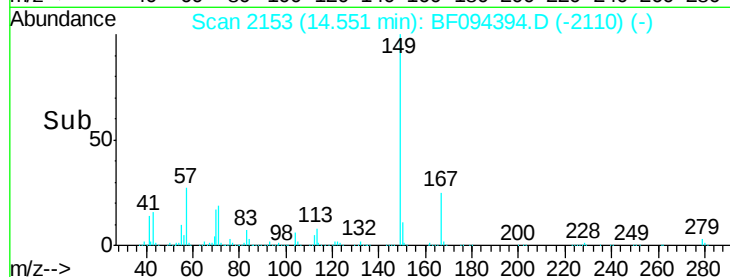
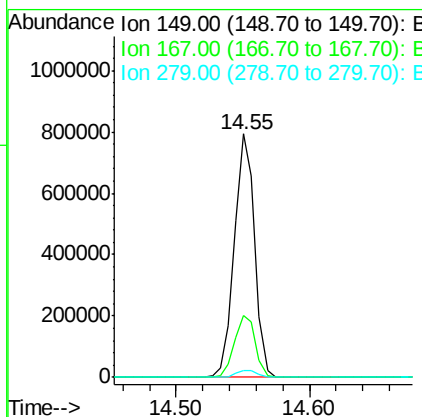
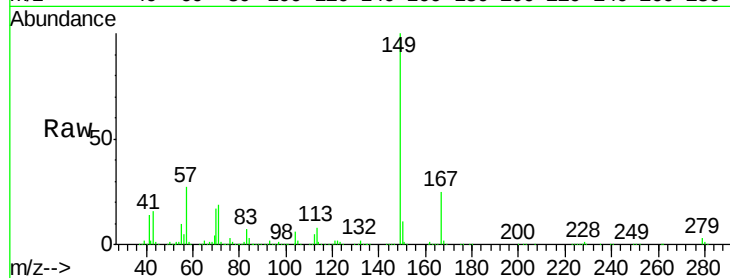
ClientSampled :

PB98229BS

Tot Ion:	149	Resp:	845281
Ion Ratio	Lower	Upper	
149	100		
167	25.4	21.0	31.4
279	2.9	1.9	2.9#

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#84

Di-n-octyl phthalate

Concen: 49.40 ng

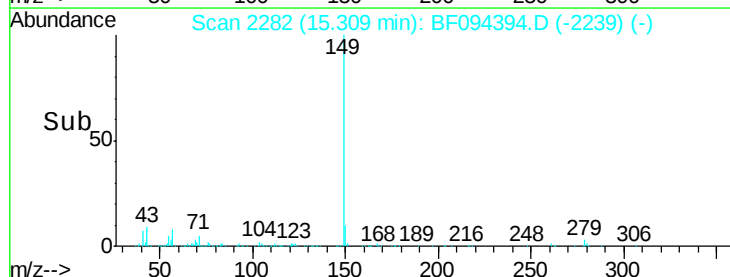
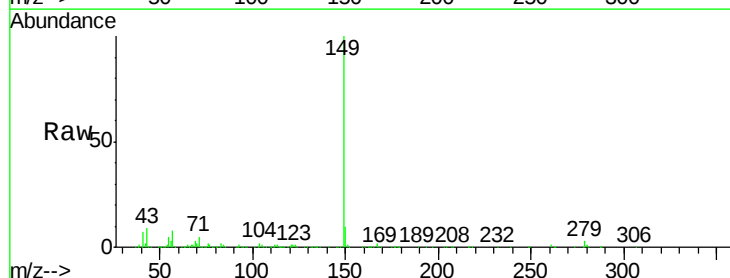
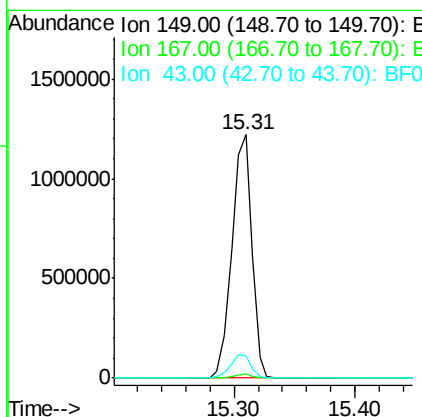
RT: 15.31 min Scan# 2282

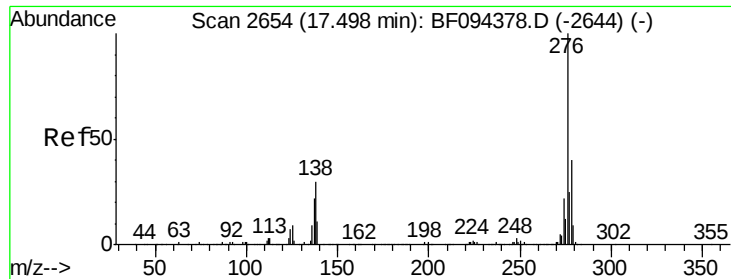
Delta R.T. -0.05 min

Lab File: BF094394.D

Acq: 13 Apr 2017 17:01

Tgt Ion:	149	Resp:	1408813
Ion Ratio	Lower	Upper	
149	100		
167	1.6	1.2	1.8
43	9.7	8.5	12.7





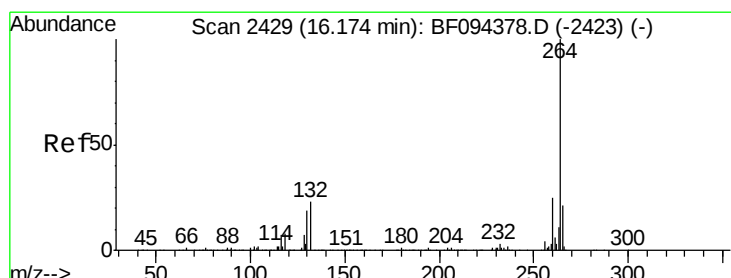
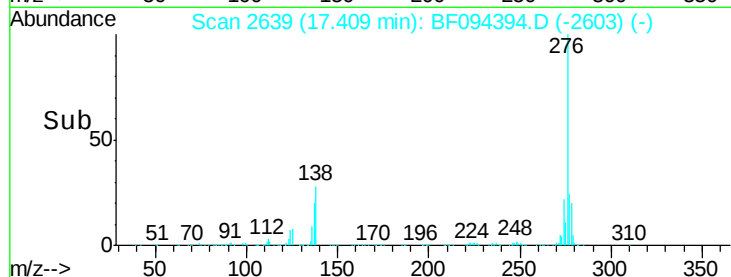
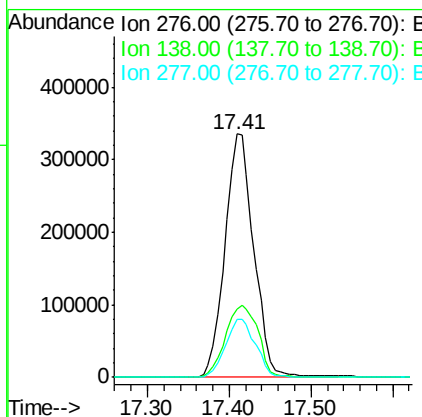
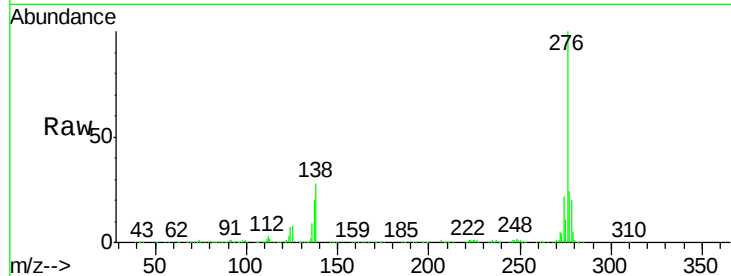
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 43.54 ng
 RT: 17.41 min Scan# 2639
 Delta R.T. -0.09 min
 Lab File: BF094394.D
 Acq: 13 Apr 2017 17:01

Instrument :
 BNA_F
 ClientSampleId :
 PB98229BS

Tot Ion	Ratio	Lower	Upper
276	100		
138	33.5	27.8	41.6
277	25.1	20.2	30.4

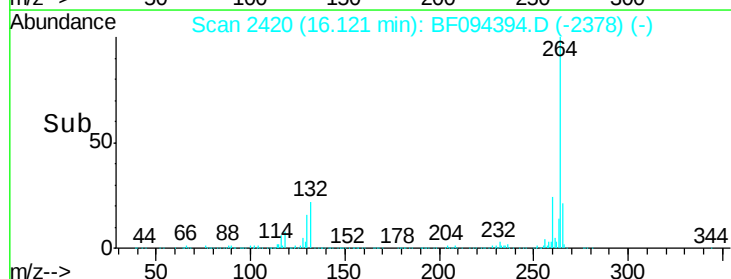
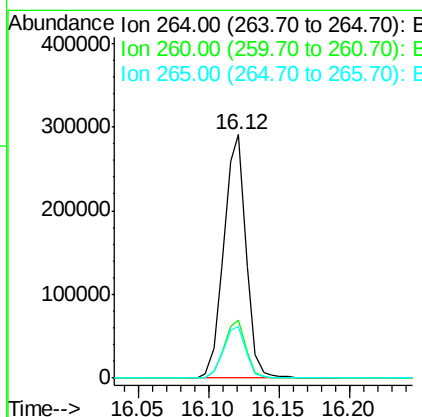
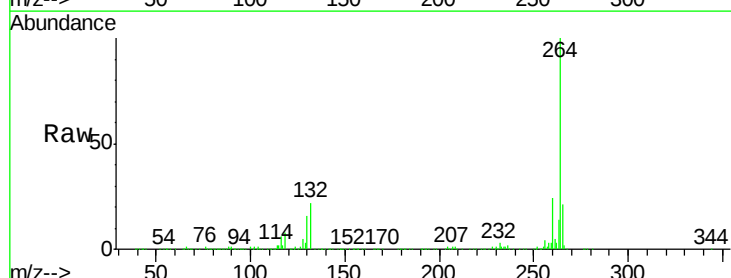
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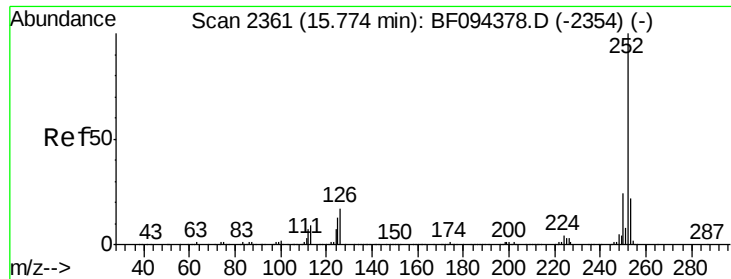
mohammad
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#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 16.12 min Scan# 2420
 Delta R.T. -0.05 min
 Lab File: BF094394.D
 Acq: 13 Apr 2017 17:01

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.5	29.3
265	21.4	17.2	25.8





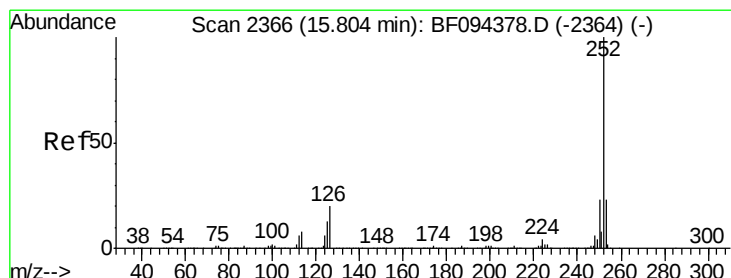
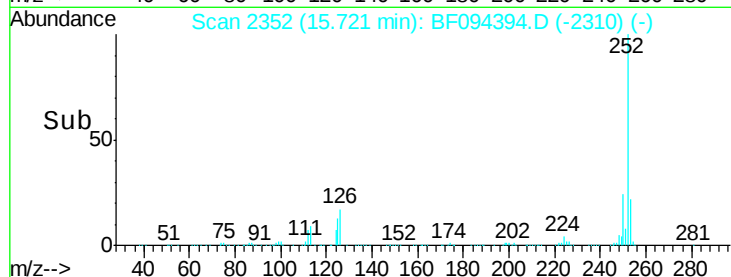
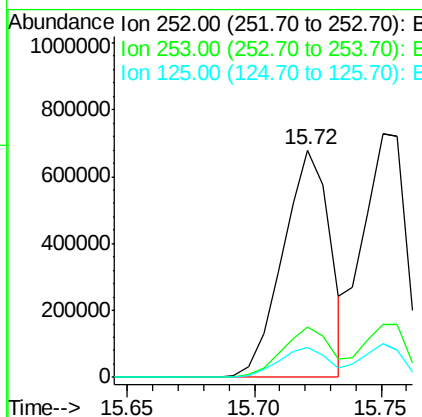
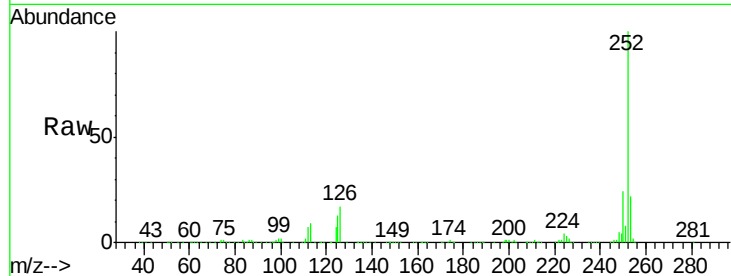
#87
Benzo(b)fluoranthene
Concen: 45.27 ng
RT: 15.72 min Scan# 2352
Delta R.T. -0.05 min
Lab File: BF094394.D
Acq: 13 Apr 2017 17:01

Instrument :
BNA_F
ClientSampleId :
PB98229BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.2	18.1	27.1
125	13.2	9.8	14.8

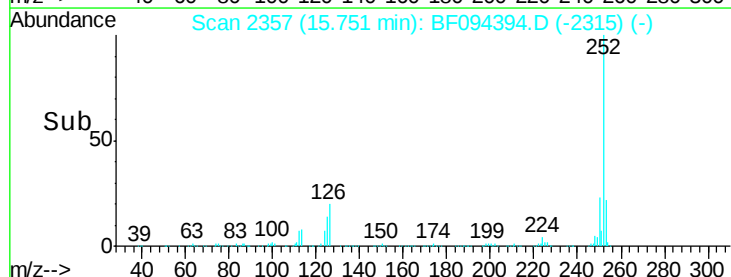
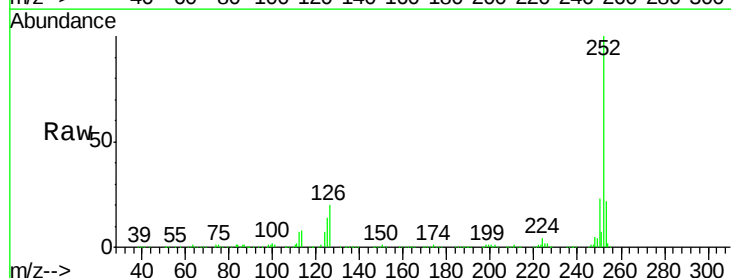
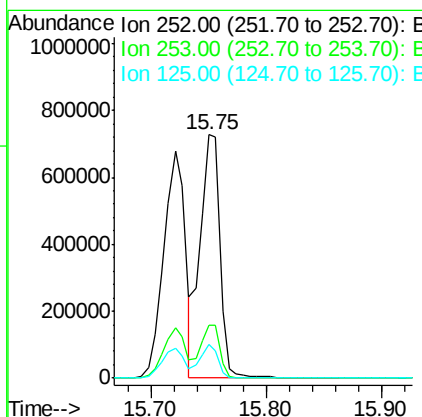
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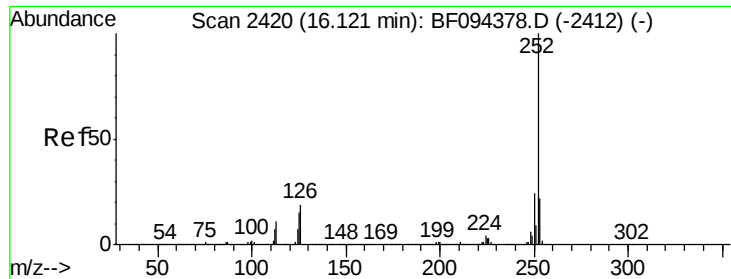
mohammad
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#88
Benzo(k)fluoranthene
Concen: 45.91 ng
RT: 15.75 min Scan# 2357
Delta R.T. -0.05 min
Lab File: BF094394.D
Acq: 13 Apr 2017 17:01

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.9	18.4	27.6
125	14.0	13.1	19.7





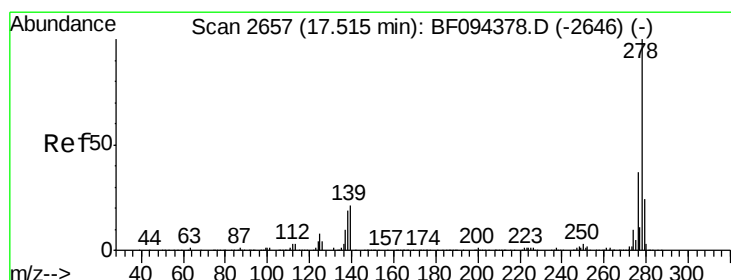
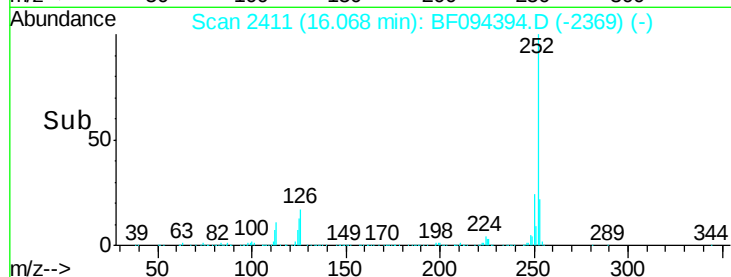
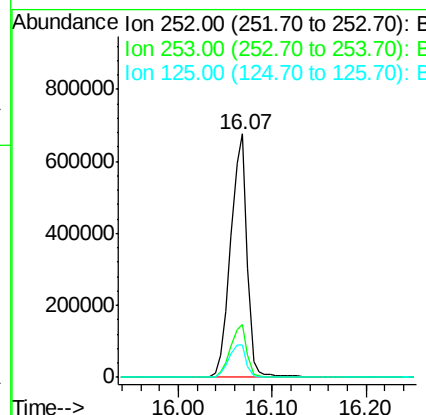
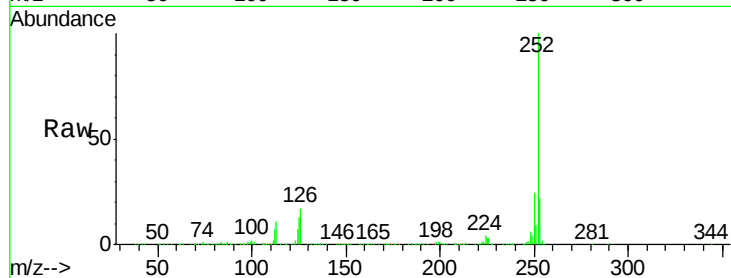
#89
Benzo(a)pyrene
Concen: 45.79 ng
RT: 16.07 min Scan# 2411
Delta R.T. -0.05 min
Lab File: BF094394.D
Acq: 13 Apr 2017 17:01

Instrument :
BNA_F
ClientSampleId :
PB98229BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.5	26.3
125	13.4	11.0	16.4

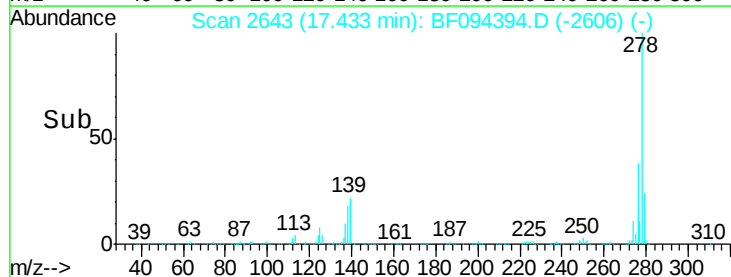
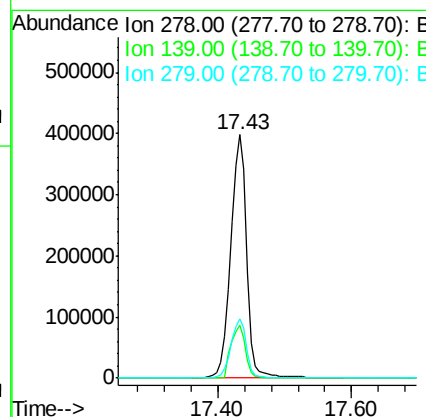
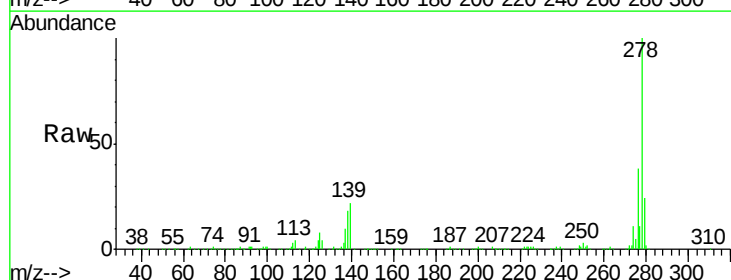
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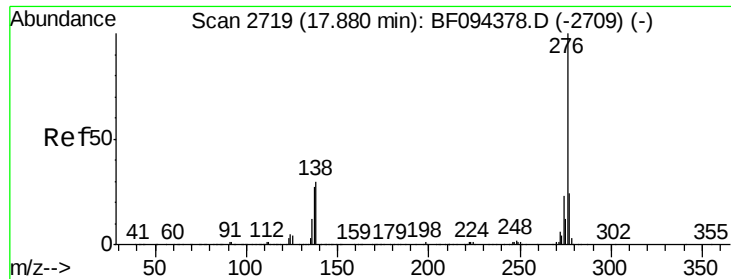
mohammad
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#90
Dibenzo(a,h)anthracene
Concen: 44.48 ng
RT: 17.43 min Scan# 2643
Delta R.T. -0.08 min
Lab File: BF094394.D
Acq: 13 Apr 2017 17:01

Tgt Ion	Ratio	Lower	Upper
278	100		
139	21.9	16.6	24.8
279	24.4	19.3	28.9





#91
 Benzo(a,h,i)perylene
 Concen: 44.93 ng
 RT: 17.79 min Scan# 2704
 Delta R.T. -0.09 min
 Lab File: BF094394.D
 Acq: 13 Apr 2017 17:01

Instrument :
 BNA_F
 ClientSampleId :
 PB98229BS

Tot Ion:	276	Resp:	688698
Ion Ratio		Lower	Upper
276	100		
277	22.3	18.6	28.0
138	30.1	25.4	38.0

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