

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042117\
 Data File : BF094563.D
 Acq On : 21 Apr 2017 15:31
 Operator : SJ/MA
 Sample : PB98392BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB98392BS

Manual Integrations
 APPROVED

mohammad
 4/24/2017 5:12:58 PM

Quant Time: Apr 21 23:53:21 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF041717.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 17 14:59:23 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.76	152	114990	20.00	ng	0.00
21) Naphthalene-d8	7.25	136	468718	20.00	ng	0.00
38) Acenaphthene-d10	9.39	164	202391	20.00	ng	0.00
63) Phenanthrene-d10	11.21	188	382688	20.00	ng	-0.01
75) Chrysene-d12	14.46	240	331633	20.00	ng	0.00
86) Perylene-d12	16.08	264	254394	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	4.32	112	814582	117.53	ng	0.01
7) Phenol-d6	5.40	99	1023857	125.30	ng	0.00
23) Nitrobenzene-d5	6.41	82	639313	84.22	ng	0.00
41) 2,4,6-Tribromophenol	10.37	330	213192	134.67	ng	0.00
44) 2-Fluorobiphenyl	8.58	172	1119394	81.38	ng	0.00
78) Terphenyl-d14	13.19	244	1089229	87.79	ng	0.00

Target Compounds						Qvalue
2) 1,4-Dioxane	2.14	88	116004	28.78	ng	97
3) Pyridine	2.66	79	318776	36.18	ng	96
4) n-Nitrosodimethylamine	2.60	42	134743	36.96	ng	84
6) Aniline	5.40	93	305502	28.13	ng	# 81
8) 2-Chlorophenol	5.54	128	321310	40.74	ng	95
9) Benzaldehyde	5.26	77	124225	19.99	ng	98
10) Phenol	5.41	94	391257	38.98	ng	95
11) bis(2-Chloroethyl)ether	5.48	93	300117	40.93	ng	97
12) 1,3-Dichlorobenzene	5.70	146	350710	40.14	ng	99
13) 1,4-Dichlorobenzene	5.78	146	353221	40.18	ng	99
14) 1,2-Dichlorobenzene	5.95	146	326286	40.29	ng	96
15) Benzyl Alcohol	5.94	79	245701	40.54	ng	98
16) 2,2'-oxybis(1-Chloropropan	6.10	45	401226	41.73	ng	80
17) 2-Methylphenol	6.08	107	259368	41.76	ng	95
18) Hexachloroethane	6.34	117	121424	40.29	ng	# 84
19) n-Nitroso-di-n-propylamine	6.25	70	228433	42.19	ng	94
20) 3+4-Methylphenols	6.27	107	353877	41.93	ng	# 62
22) Acetophenone	6.24	105	461860	40.53	ng	# 85
24) Nitrobenzene	6.44	77	322676	40.37	ng	94
25) Isophorone	6.72	82	585646	41.62	ng	# 94
26) 2-Nitrophenol	6.81	139	177043	41.23	ng	96
27) 2,4-Dimethylphenol	6.88	122	286363	41.05	ng	99
28) bis(2-Chloroethoxy)methane	6.98	93	367214	40.34	ng	100
29) 2,4-Dichlorophenol	7.11	162	276184	42.56	ng	98
30) 1,2,4-Trichlorobenzene	7.19	180	264682	39.45	ng	99
31) Naphthalene	7.28	128	907573	40.28	ng	99
32) Benzoic acid	7.07	122	178027	48.26	ng	99
33) 4-Chloroaniline	7.36	127	88255	9.42	ng	94
34) Hexachlorobutadiene	7.44	225	130304	38.96	ng	97
35) Caprolactam	7.82	113	96365m	47.27	ng	
36) 4-Chloro-3-methylphenol	7.99	107	284846	41.88	ng	91
37) 2-Methylnaphthalene	8.12	142	621052	40.29	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.33	216	221254	38.39	ng	99
40) Hexachlorocyclopentadiene	8.32	237	220398	94.53	ng	98

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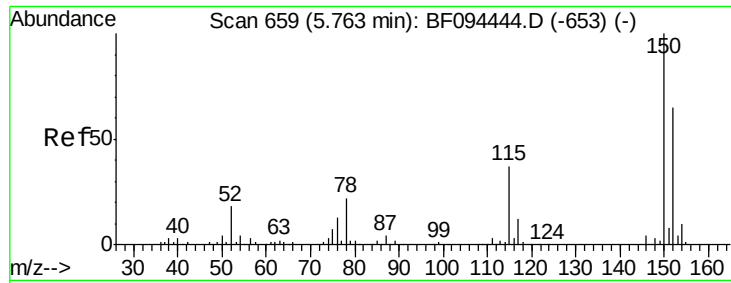
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.48	196	162659	40.19	nq	97
43) 2,4,5-Trichlorophenol	8.54	196	173326	41.70	nq	94
45) 1,1'-Biphenyl	8.70	154	673480	40.73	nq	98
46) 2-Chloronaphthalene	8.71	162	541819	41.21	nq	95
47) 2-Nitroaniline	8.85	65	155080	41.00	nq	86
48) Acenaphthylene	9.22	152	831632	40.57	nq	98
49) Dimethylphthalate	9.10	163	663533	43.99	nq	99
50) 2,6-Dinitrotoluene	9.16	165	145225	42.90	nq	99
51) Acenaphthene	9.43	154	500358	40.76	nq	99
52) 3-Nitroaniline	9.36	138	68428	17.47	nq	88
53) 2,4-Dinitrophenol	9.50	184	138733	75.84	nq	# 71
54) Dibenzofuran	9.64	168	753945	42.25	nq	99
55) 4-Nitrophenol	9.62	139	207225m	74.89	nq	
56) 2,4-Dinitrotoluene	9.65	165	191564	46.11	nq	# 85
57) Fluorene	10.07	166	590523	42.50	nq	99
58) 2,3,4,6-Tetrachlorophenol	9.81	232	139437	46.81	nq	# 94
59) Diethylphthalate	9.96	149	636567	44.73	nq	98
60) 4-Chlorophenyl-phenylether	10.07	204	251897	43.56	nq	92
61) 4-Nitroaniline	10.12	138	154286	38.75	nq	98
62) Azobenzene	10.27	77	617816	44.71	nq	96
64) 4,6-Dinitro-2-methylphenol	10.16	198	103681	41.35	nq	# 66
65) n-Nitrosodiphenylamine	10.22	169	548898	41.24	nq	98
66) 4-Bromophenyl-phenylether	10.67	248	155751	40.99	nq	94
67) Hexachlorobenzene	10.74	284	155212	40.53	nq	# 87
68) Atrazine	10.90	200	173864	43.67	nq	95
69) Pentachlorophenol	10.99	266	159179	104.68	nq	99
70) Phenanthrene	11.24	178	887938	41.20	nq	98
71) Anthracene	11.31	178	935839	41.98	nq	98
72) Carbazole	11.51	167	880548	42.09	nq	97
73) Di-n-butylphthalate	11.97	149	1075797	46.70	nq	98
74) Fluoranthene	12.70	202	957408	42.87	nq	98
76) Benzidine	12.88	184	383498	28.56	nq	# 94
77) Pyrene	12.98	202	963061	41.57	nq	99
79) Butylbenzylphthalate	13.80	149	470559	46.34	nq	90
80) Benzo(a)anthracene	14.45	228	811777	42.11	nq	99
81) 3,3'-Dichlorobenzidine	14.42	252	155854	22.84	nq	# 96
82) Chrysene	14.49	228	725433	41.18	nq	99
83) Bis(2-ethylhexyl)phthalate	14.51	149	677753	49.71	nq	# 100
84) Di-n-octyl phthalate	15.27	149	1125685	49.22	nq	97
85) Indeno(1,2,3-cd)pyrene	17.35	276	673830	40.20	nq	99
87) Benzo(b)fluoranthene	15.68	252	665294	42.75	nq	98
88) Benzo(k)fluoranthene	15.71	252	653499	44.37	nq	96
89) Benzo(a)pyrene	16.02	252	623993	43.10	nq	98
90) Dibenzo(a,h)anthracene	17.37	278	554383	46.12	nq	96
91) Benzo(g,h,i)perylene	17.73	276	561853	45.91	nq	97

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



#1

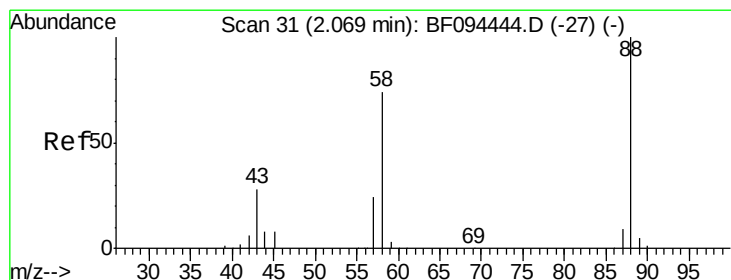
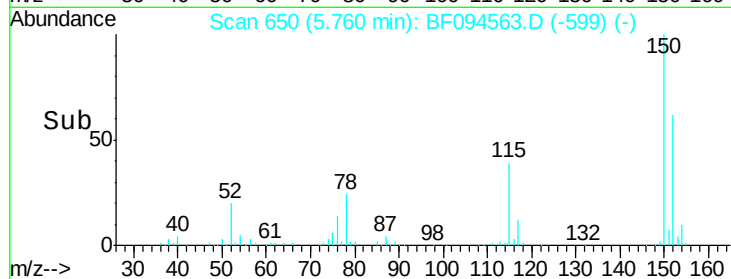
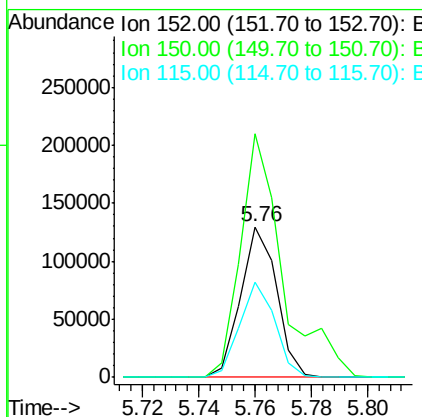
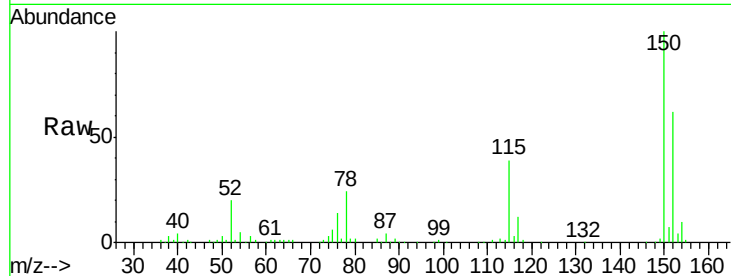
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 5.76 min Scan# 650
Delta R.T. -0.00 min
Lab File: BF094563.D
Acq: 21 Apr 2017 15:31

Instrument :
BNA_F
ClientSampleId :
PB98392BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	161.6	126.2	189.2
115	62.7	52.2	78.2

Manual Integrations
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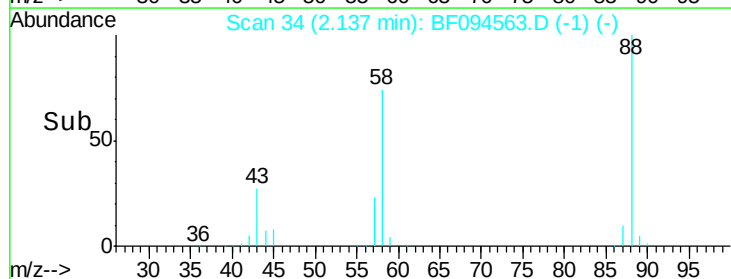
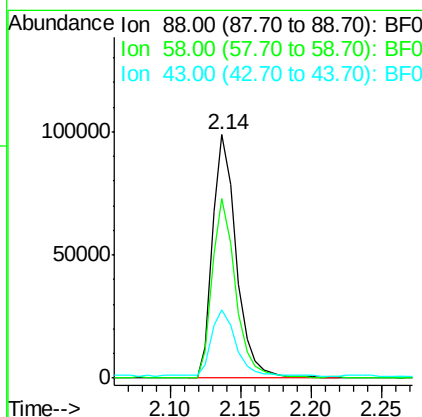
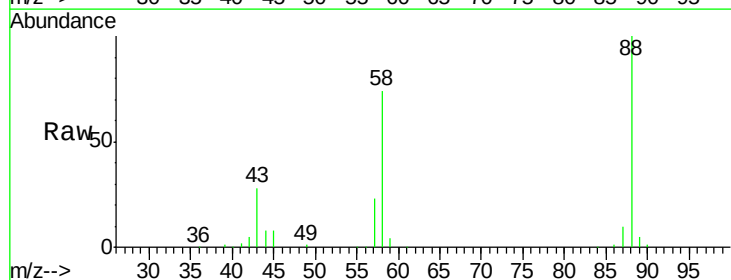
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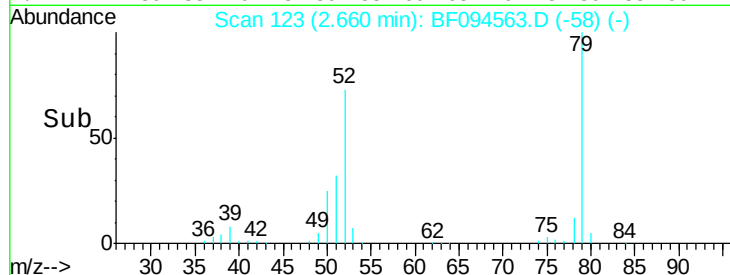
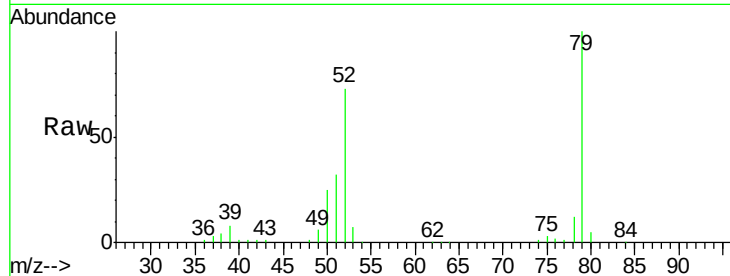
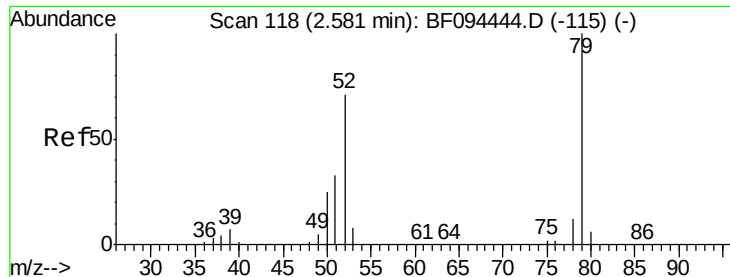


#2

1,4-Dioxane
Concen: 28.78 ng
RT: 2.14 min Scan# 34
Delta R.T. 0.07 min
Lab File: BF094563.D
Acq: 21 Apr 2017 15:31

Tgt Ion	Ratio	Lower	Upper
88	100		
58	73.2	61.4	92.0
43	28.4	23.4	35.0





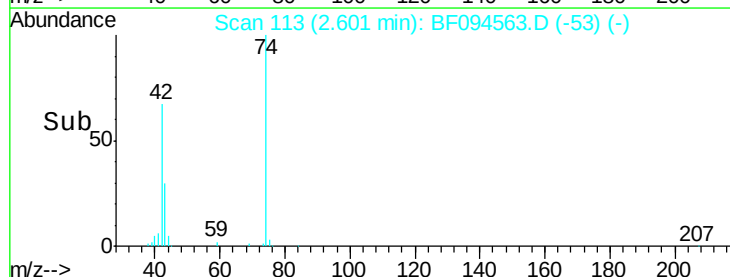
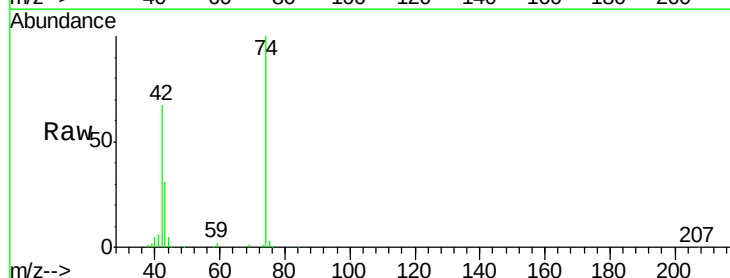
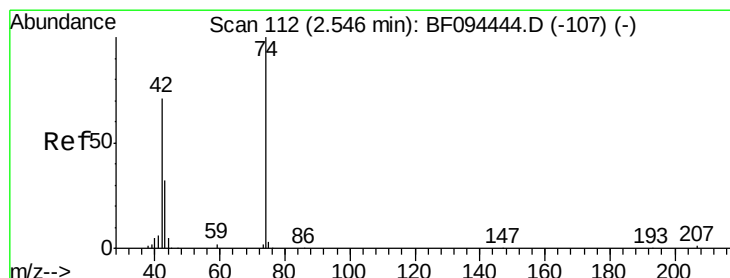
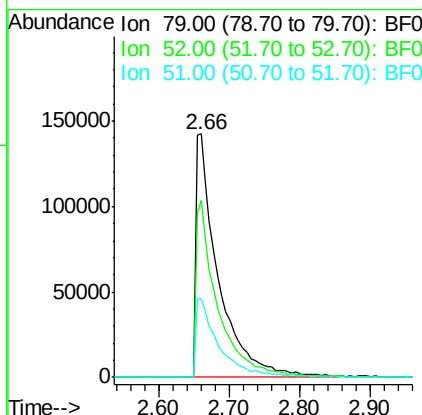
#3
 Pvridine
 Concen: 36.18 ng
 RT: 2.66 min Scan# 123
 Delta R.T. 0.08 min
 Lab File: BF094563.D
 Acq: 21 Apr 2017 15:31

Tot Ion:	79	Resp:	318776
Ion	Ratio	Lower	Upper
79	100		
52	72.5	54.8	82.2
51	32.3	27.0	40.4

Instrument :
 BNA_F
 ClientSampleId :
 PB98392BS

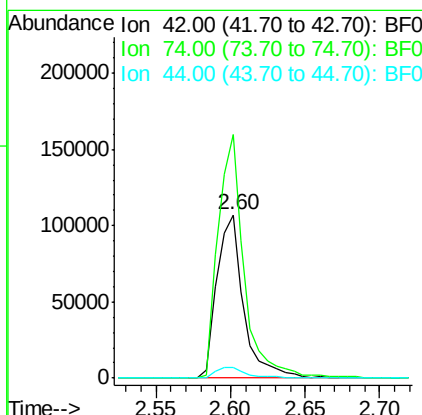
Manual Integrations
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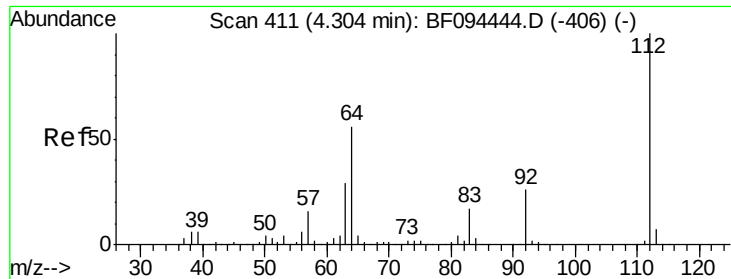
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#4
 n-Nitrosodimethylamine
 Concen: 36.96 ng
 RT: 2.60 min Scan# 113
 Delta R.T. 0.06 min
 Lab File: BF094563.D
 Acq: 21 Apr 2017 15:31

Tgt Ion:	42	Resp:	134743
Ion	Ratio	Lower	Upper
42	100		
74	149.3	103.9	155.9
44	6.9	5.7	8.5





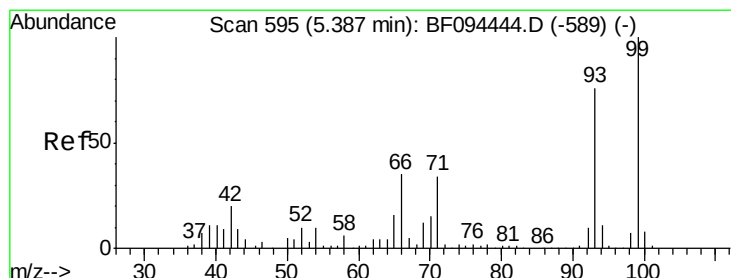
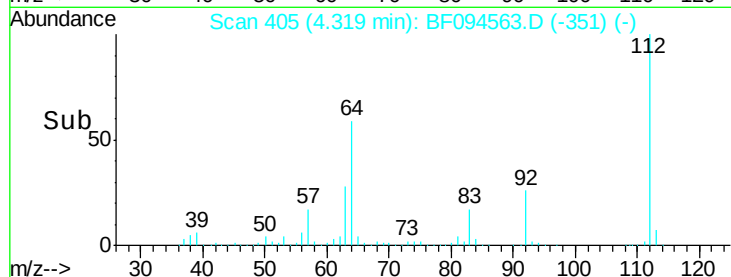
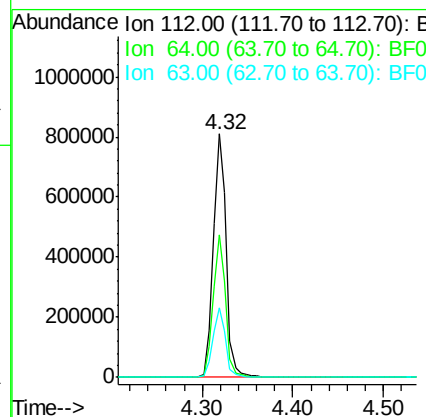
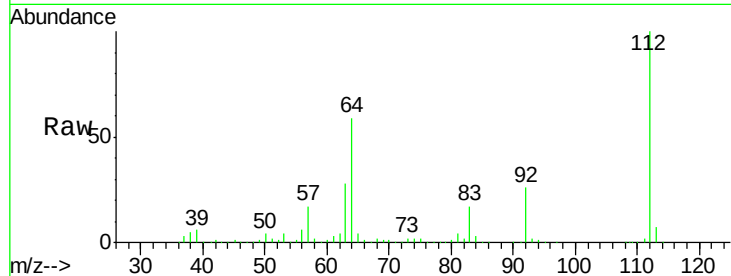
#5
2-Fluorophenol
Concen: 117.53 ng
RT: 4.32 min Scan# 405
Delta R.T. 0.01 min
Lab File: BF094563.D
Acq: 21 Apr 2017 15:31

Instrument :
BNA_F
ClientSampleId :
PB98392BS

Tot Ion	Ratio	Resp	Lower	Upper
112	100	814582		
64	58.5	46.0	69.0	
63	28.4	23.4	35.0	

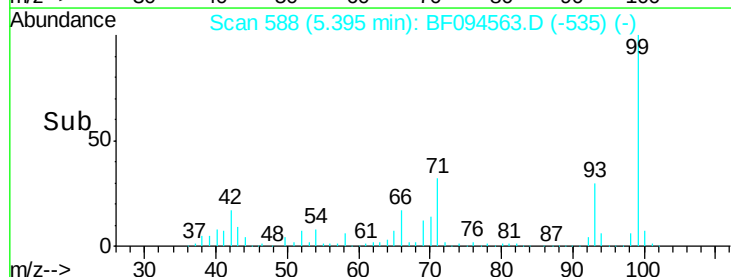
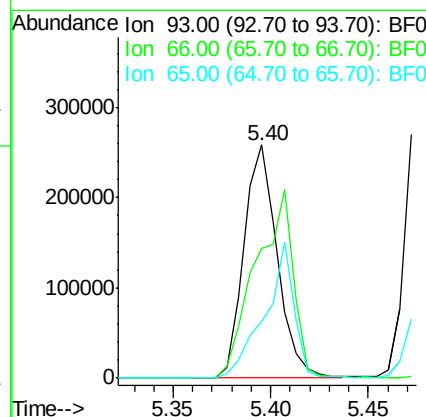
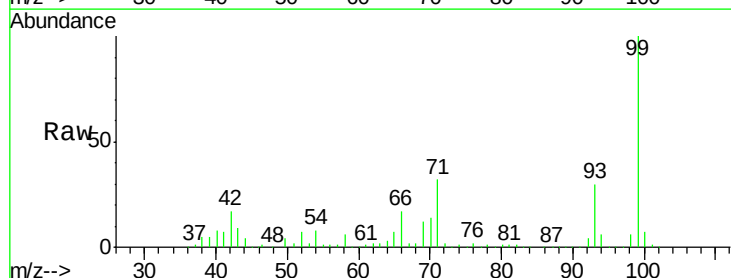
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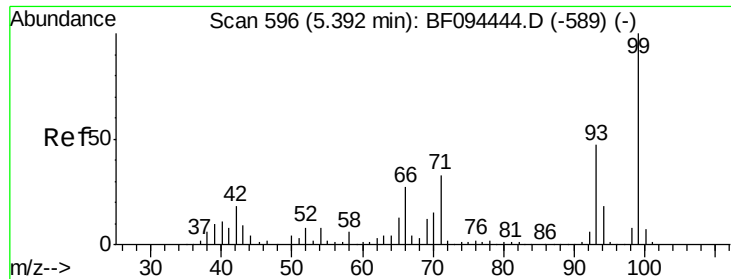
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#6
Aniline
Concen: 28.13 ng
RT: 5.40 min Scan# 588
Delta R.T. 0.01 min
Lab File: BF094563.D
Acq: 21 Apr 2017 15:31

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	305502		
66	55.9	32.9	49.3#	
65	24.4	16.0	24.0#	





#7

Phenol-d6

Concen: 125.30 ng

RT: 5.40 min Scan# 588

Delta R.T. 0.00 min

Lab File: BF094563.D

Acq: 21 Apr 2017 15:31

Instrument :

BNA_F

ClientSampleId :

PB98392BS

Tot Ion: 99 Resp: 1023857

Ion Ratio Lower Upper

99 100

42 17.3 13.5 20.3

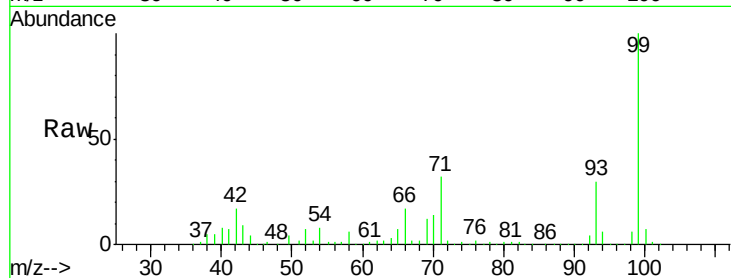
71 32.2 24.5 36.7

Manual Integrations

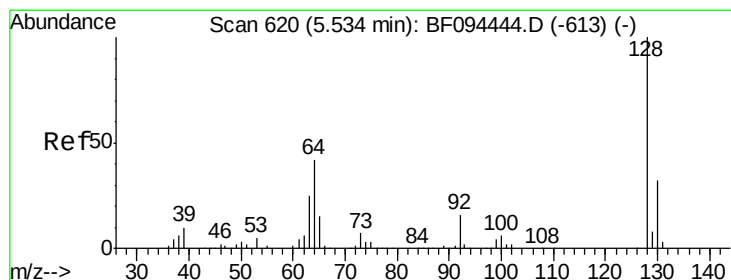
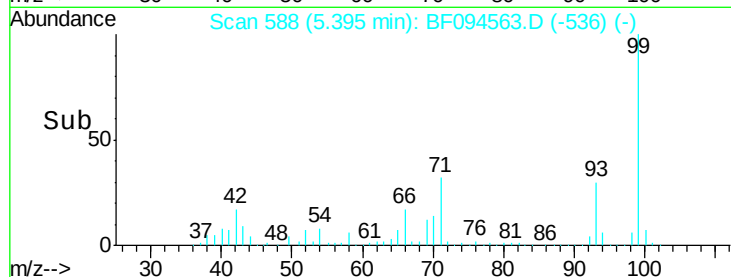
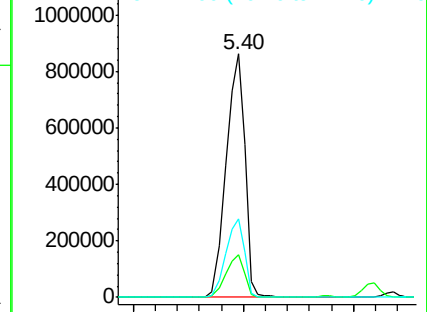
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Abundance Ion 99.00 (98.70 to 99.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 40.74 ng

RT: 5.54 min Scan# 612

Delta R.T. 0.00 min

Lab File: BF094563.D

Acq: 21 Apr 2017 15:31

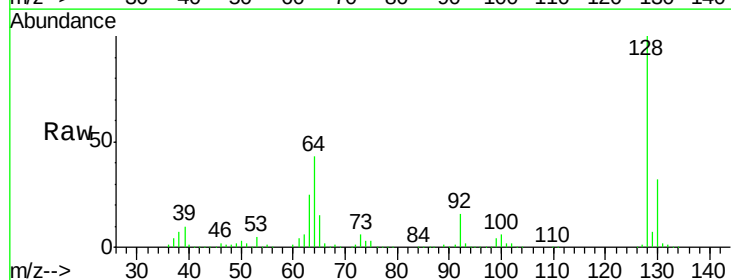
Tgt Ion: 128 Resp: 321310

Ion Ratio Lower Upper

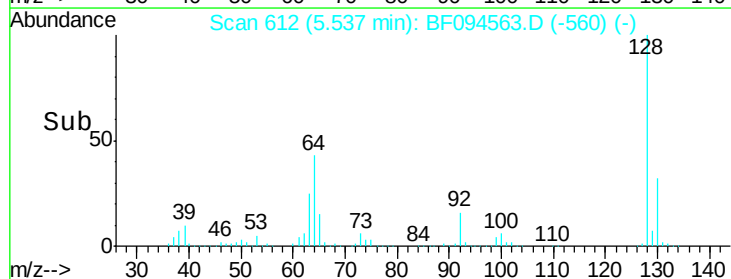
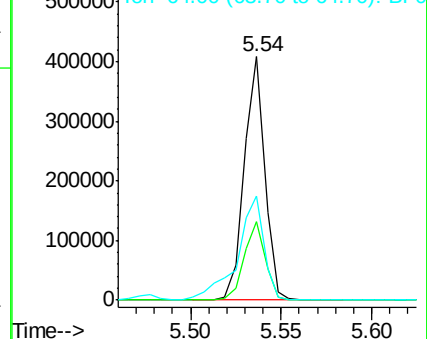
128 100

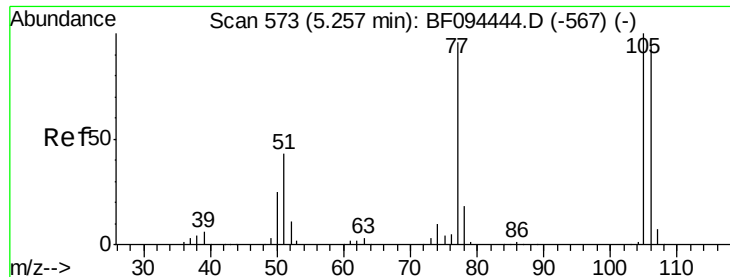
130 32.5 12.9 52.9

64 42.7 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: 19.99 ng

RT: 5.26 min Scan# 565

Delta R.T. 0.00 min

Lab File: BF094563.D

Acq: 21 Apr 2017 15:31

Instrument :

BNA_F

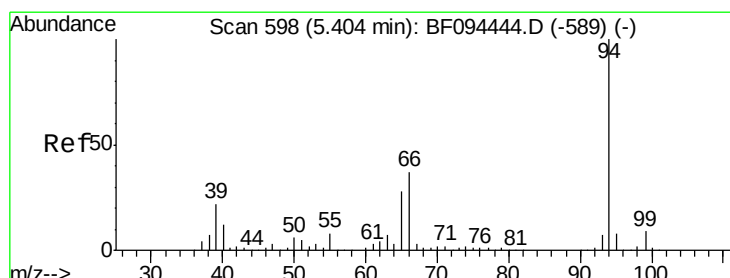
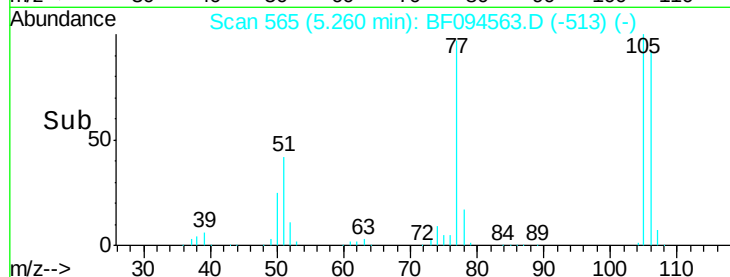
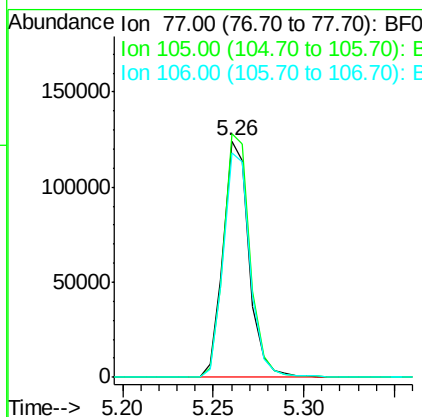
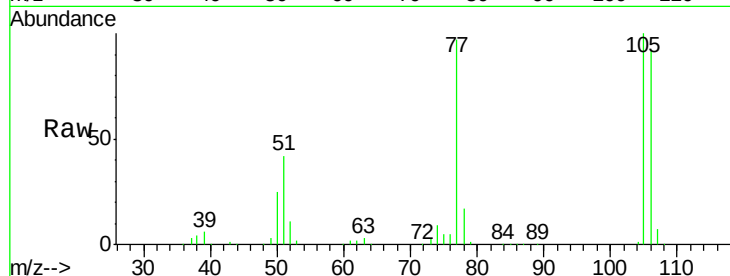
ClientSampleId :

PB98392BS

Tot Ion:	77	Resp:	124225
Ion	Ratio	Lower	Upper
77	100		
105	103.0	83.8	123.8
106	95.2	79.1	119.1

Manual Integrations
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#10

Phenol

Concen: 38.98 ng

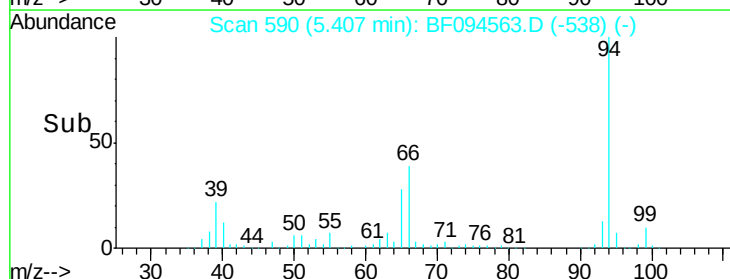
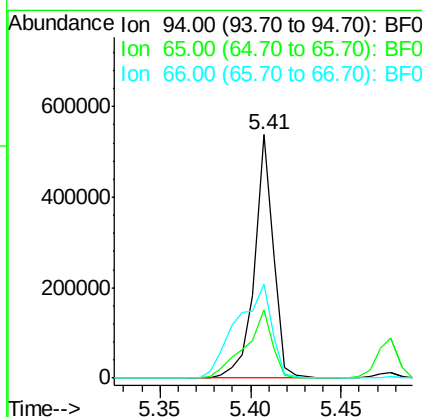
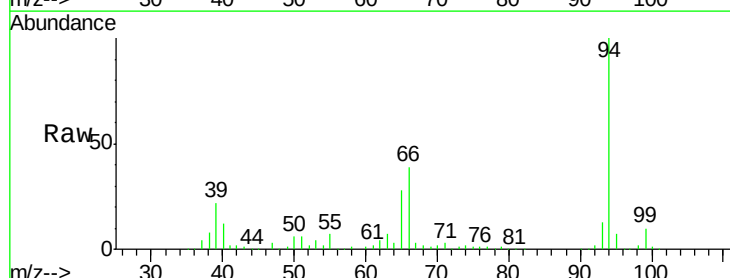
RT: 5.41 min Scan# 590

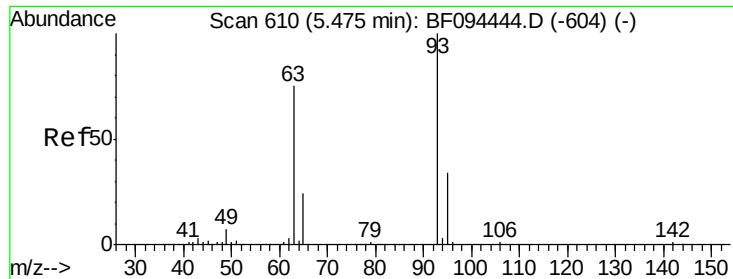
Delta R.T. 0.00 min

Lab File: BF094563.D

Acq: 21 Apr 2017 15:31

Tgt Ion:	94	Resp:	391257
Ion	Ratio	Lower	Upper
94	100		
65	28.1	9.9	49.9
66	38.8	23.1	63.1





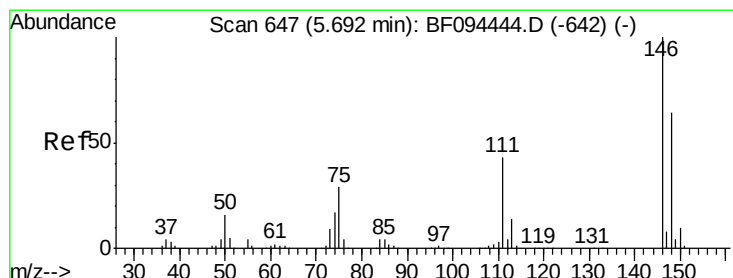
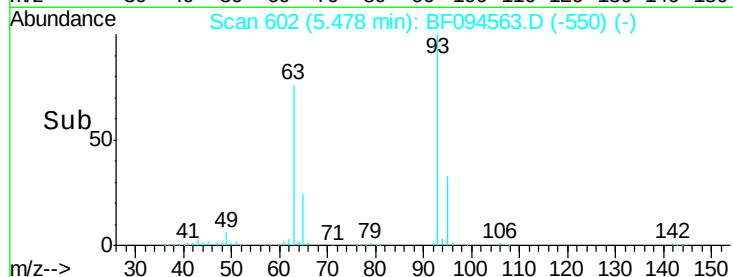
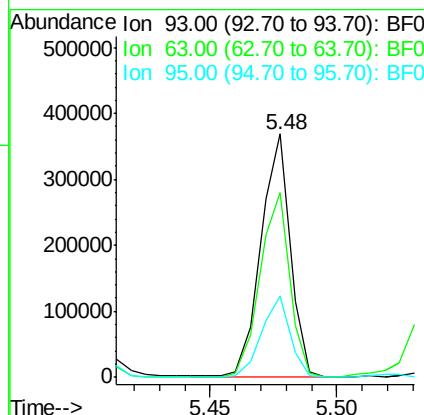
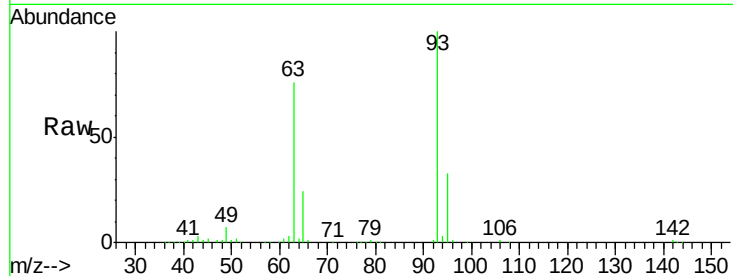
#11
bis(2-Chloroethyl)ether
Concen: 40.93 ng
RT: 5.48 min Scan# 602
Delta R.T. 0.00 min
Lab File: BF094563.D
Acq: 21 Apr 2017 15:31

Instrument :
BNA_F
ClientSampleId :
PB98392BS

Tot Ion:	93	Resp:	300117
Ion Ratio	Lower	Upper	
93	100		
63	76.1	59.2	99.2
95	33.3	12.8	52.8

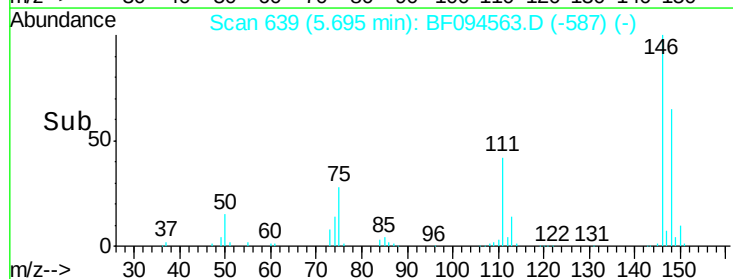
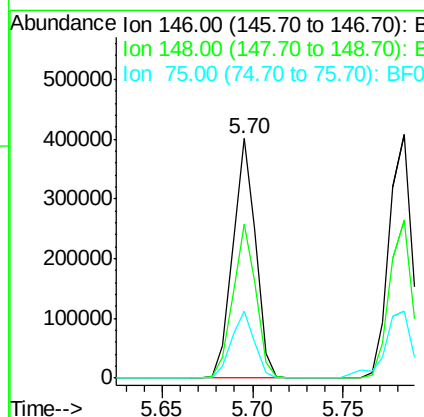
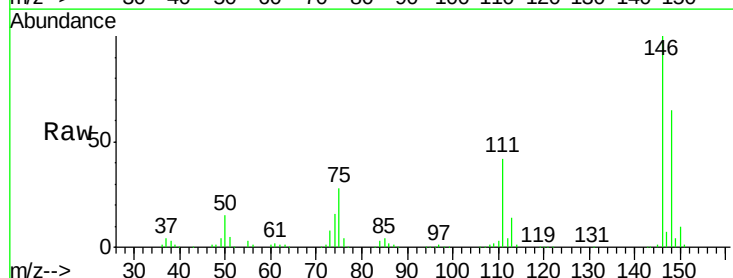
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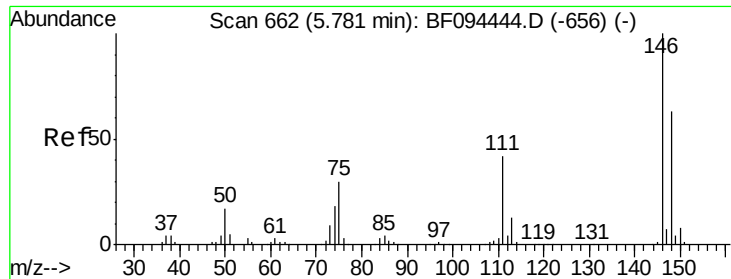
mohammad
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#12
1,3-Dichlorobenzene
Concen: 40.14 ng
RT: 5.70 min Scan# 639
Delta R.T. 0.00 min
Lab File: BF094563.D
Acq: 21 Apr 2017 15:31

Tgt Ion:	146	Resp:	350710
Ion Ratio	Lower	Upper	
146	100		
148	64.5	51.8	77.6
75	28.2	23.1	34.7





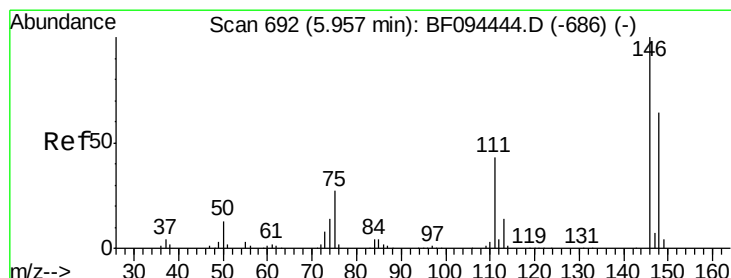
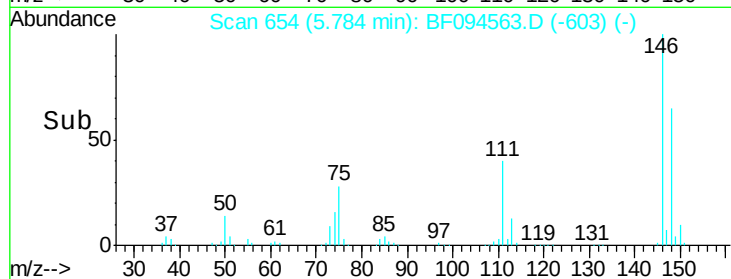
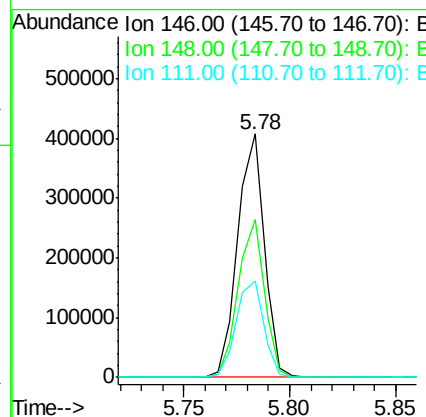
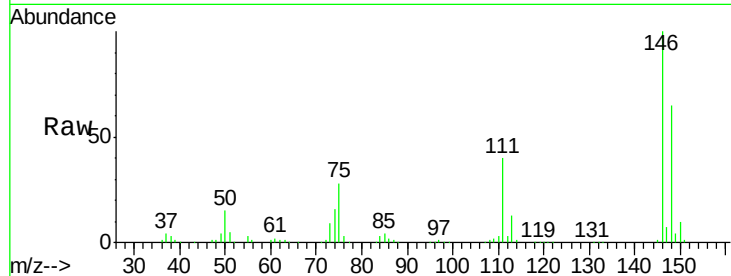
#13
 1,4-Dichlorobenzene
 Concen: 40.18 ng
 RT: 5.78 min Scan# 654
 Delta R.T. 0.00 min
 Lab File: BF094563.D
 Acq: 21 Apr 2017 15:31

Instrument :
 BNA_F
 ClientSampled :
 PB98392BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.7	52.2	78.2
111	39.7	30.3	45.5

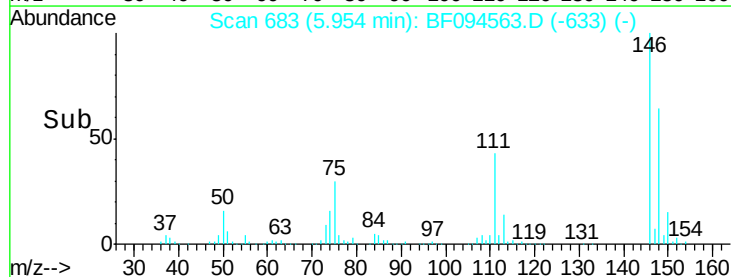
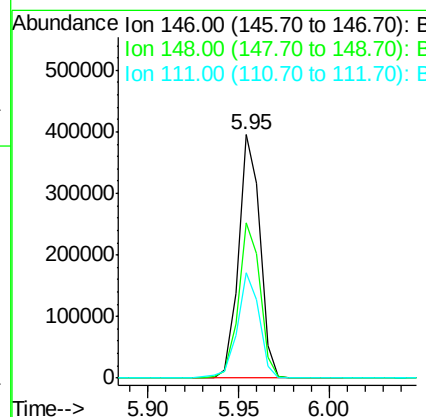
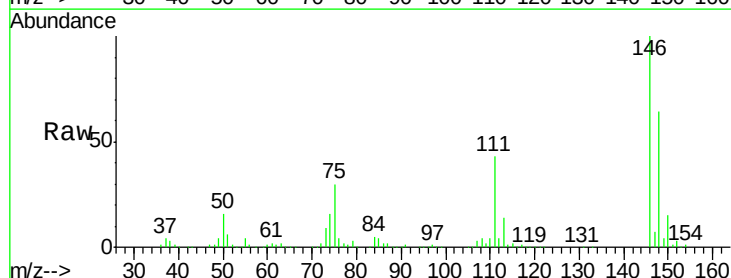
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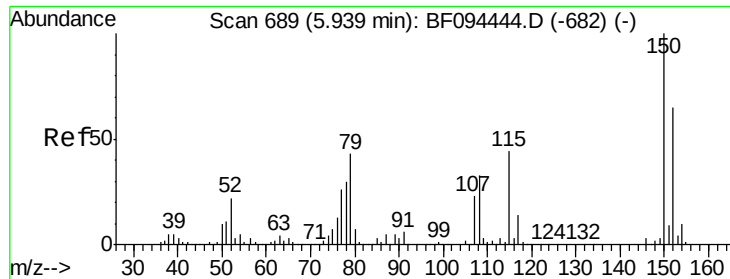
mohammad
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#14
 1,2-Dichlorobenzene
 Concen: 40.29 ng
 RT: 5.95 min Scan# 683
 Delta R.T. -0.00 min
 Lab File: BF094563.D
 Acq: 21 Apr 2017 15:31

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.0	50.4	75.6
111	43.2	38.2	57.4





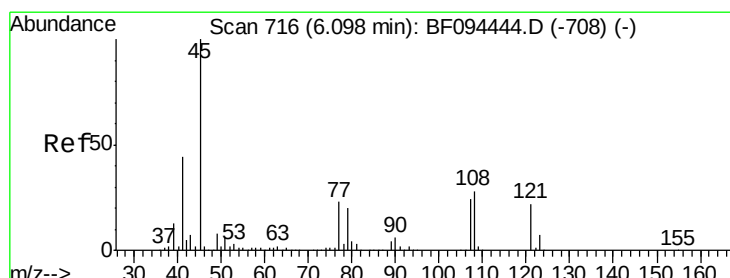
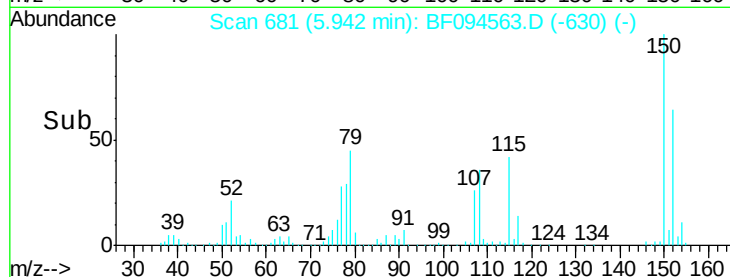
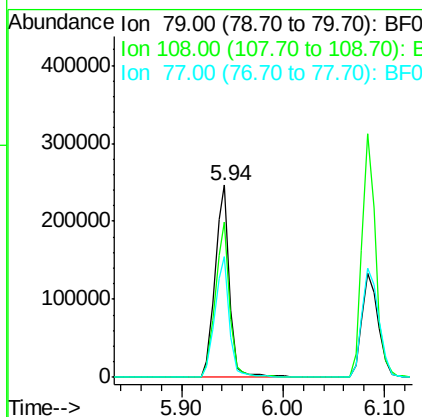
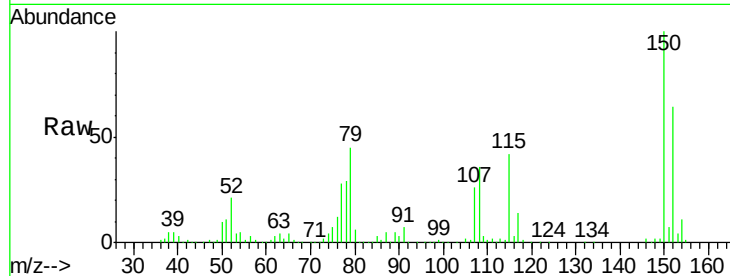
#15
Benzyl Alcohol
Concen: 40.54 ng
RT: 5.94 min Scan# 681
Delta R.T. 0.00 min
Lab File: BF094563.D
Acq: 21 Apr 2017 15:31

Instrument :
BNA_F
ClientSampleId :
PB98392BS

Tot Ion	Ratio	Lower	Upper
79	100		
108	80.7	63.4	95.0
77	63.2	49.2	73.8

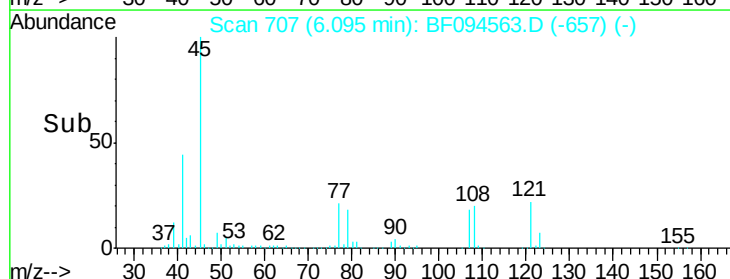
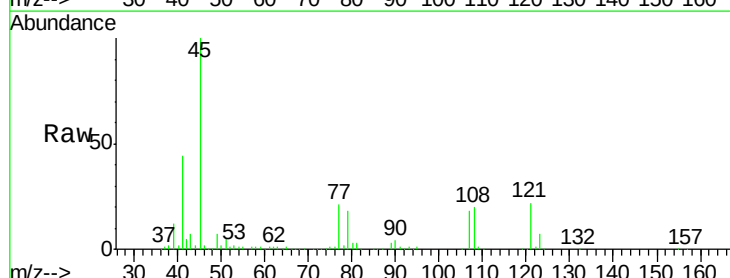
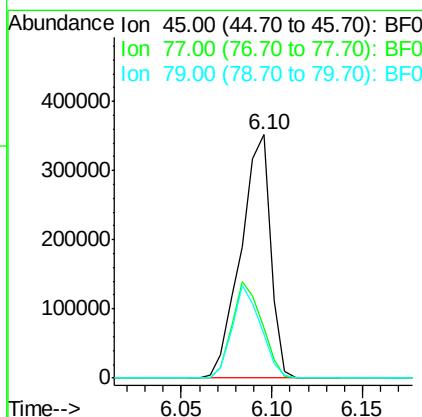
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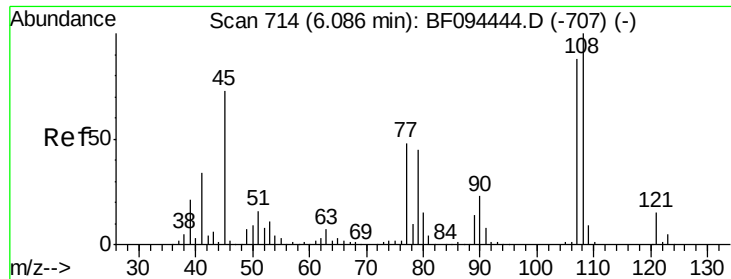
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#16
2,2'-oxybis(1-chloropropane)
Concen: 41.73 ng
RT: 6.10 min Scan# 707
Delta R.T. -0.00 min
Lab File: BF094563.D
Acq: 21 Apr 2017 15:31

Tgt Ion	Ratio	Lower	Upper
45	100		
77	20.6	0.0	33.2
79	18.1	0.0	30.0





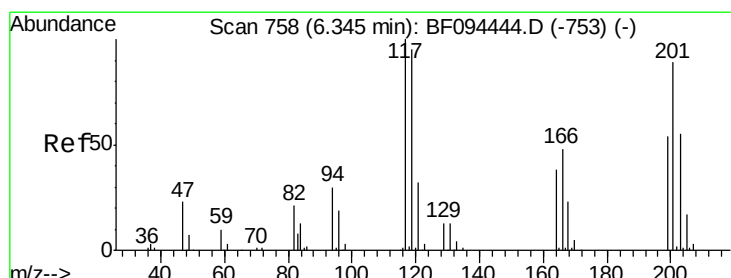
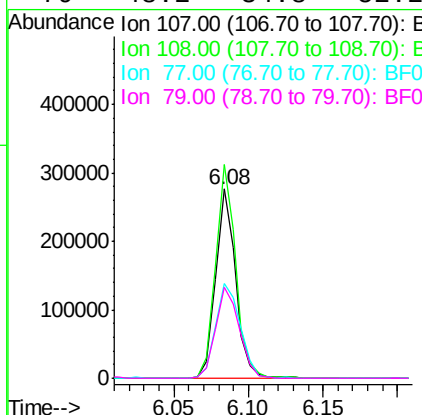
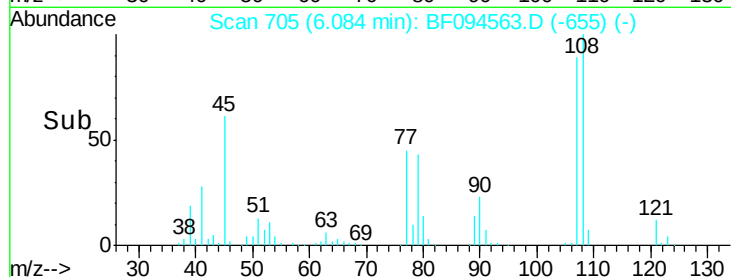
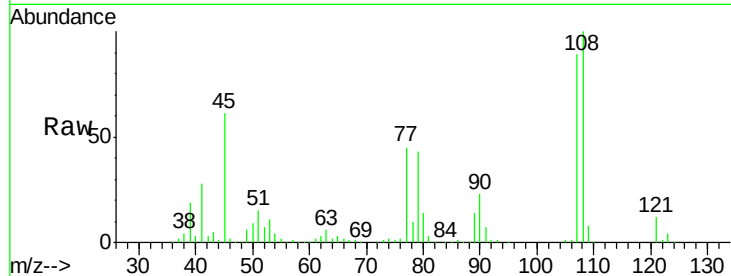
#17
2-Methylphenol
Concen: 41.76 ng
RT: 6.08 min Scan# 705
Delta R.T. -0.00 min
Lab File: BF094563.D
Acq: 21 Apr 2017 15:31

Instrument :
BNA_F
ClientSampleId :
PB98392BS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	112.9	93.4	140.0	
77	50.4	35.8	53.6	
79	48.2	34.8	52.2	

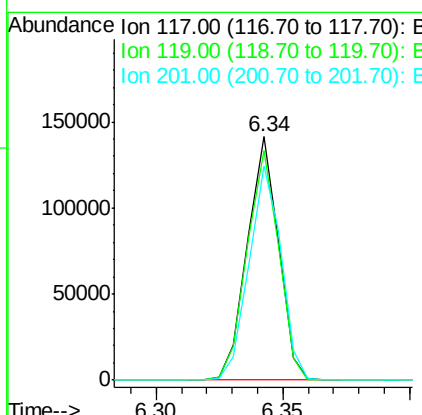
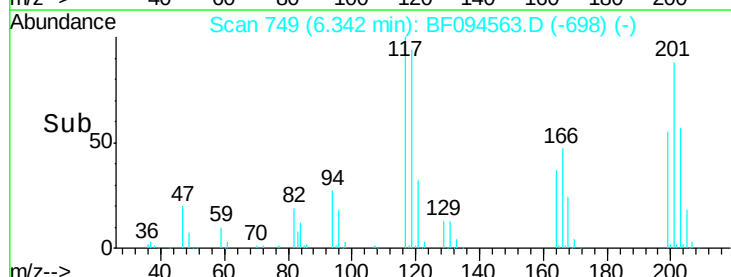
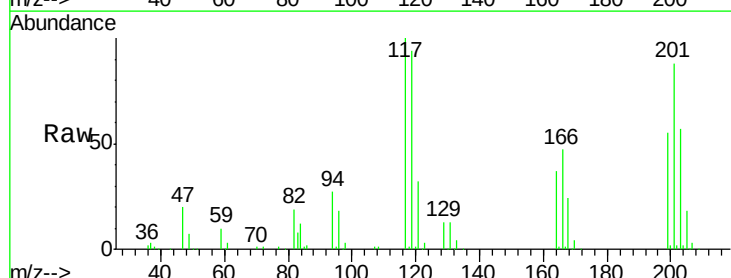
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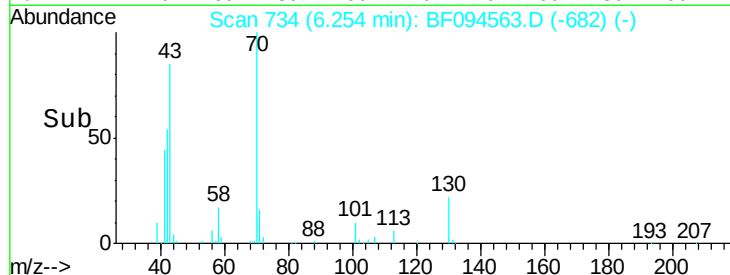
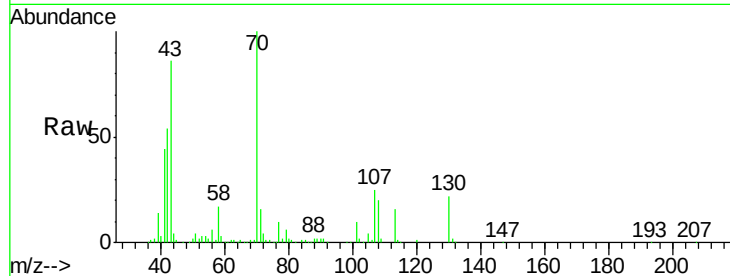
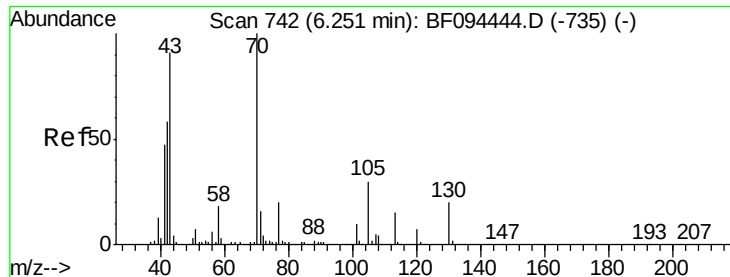
mohammad
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#18
Hexachloroethane
Concen: 40.29 ng
RT: 6.34 min Scan# 749
Delta R.T. -0.00 min
Lab File: BF094563.D
Acq: 21 Apr 2017 15:31

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	94.1	77.4	116.0	
201	88.0	94.6	141.8	





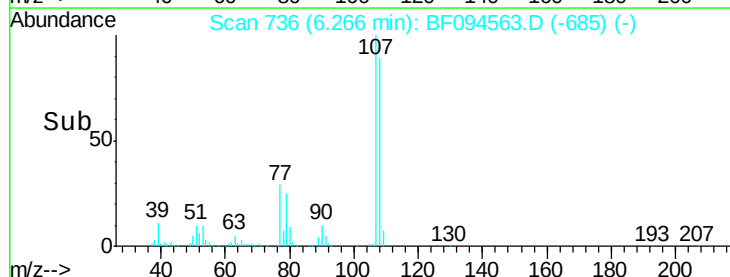
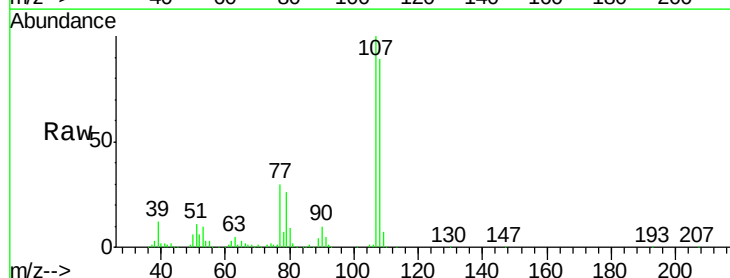
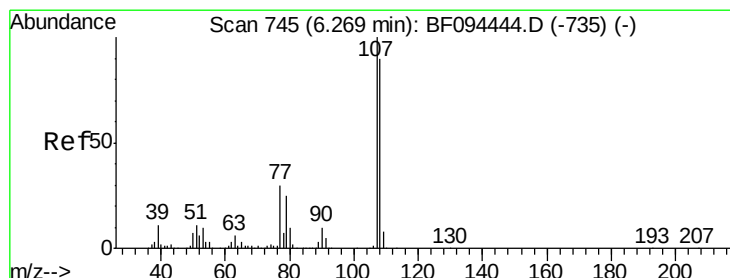
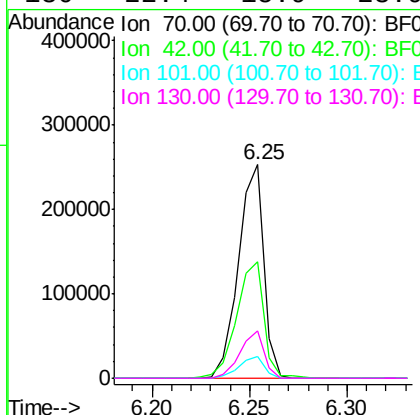
#19
n-Nitroso-di-n-propylamine
Concen: 42.19 ng
RT: 6.25 min Scan# 734
Delta R.T. 0.00 min
Lab File: BF094563.D
Acq: 21 Apr 2017 15:31

Instrument :
BNA_F
ClientSampleId :
PB98392BS

Tot Ion	Ratio	Lower	Upper
70	100		
42	54.4	47.2	70.8
101	9.9	7.2	10.8
130	22.4	15.9	23.9

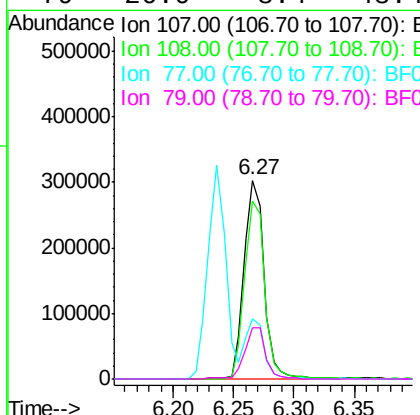
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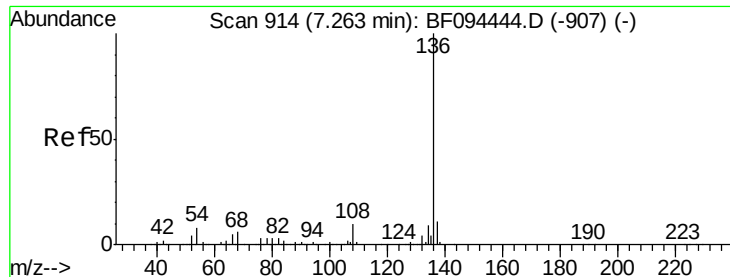
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#20
3+4-Methylphenols
Concen: 41.93 ng
RT: 6.27 min Scan# 736
Delta R.T. -0.00 min
Lab File: BF094563.D
Acq: 21 Apr 2017 15:31

Tgt Ion	Ratio	Lower	Upper
107	100		
108	89.4	71.0	111.0
77	30.1	90.5	130.5#
79	26.0	8.4	48.4





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.25 min Scan# 904

Delta R.T. -0.01 min

Lab File: BF094563.D

Acq: 21 Apr 2017 15:31

Instrument :

BNA_F

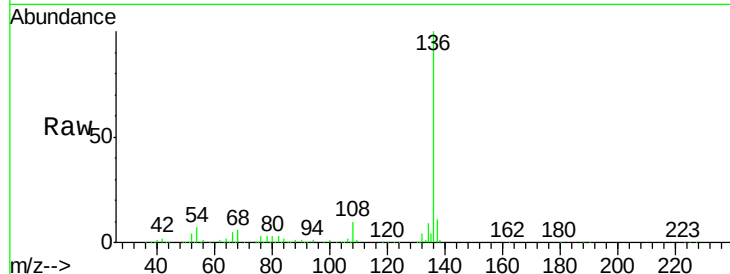
ClientSampleId :

PB98392BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	468718		
137	10.9		8.5	12.7
54	7.3		4.9	7.3
68	5.9		4.1	6.1

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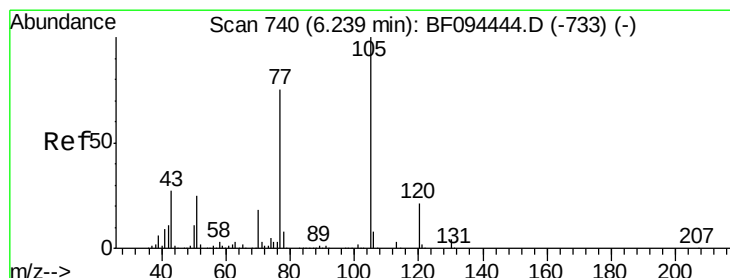
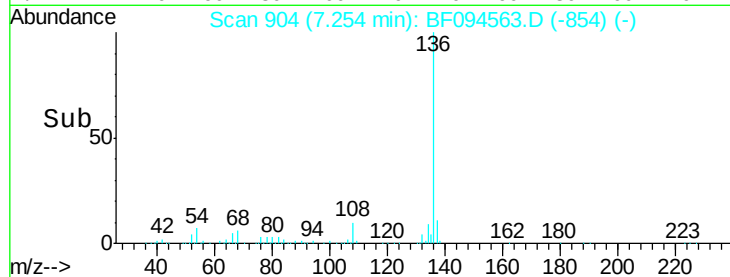
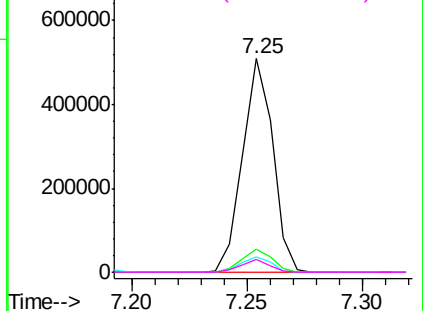


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 40.53 ng

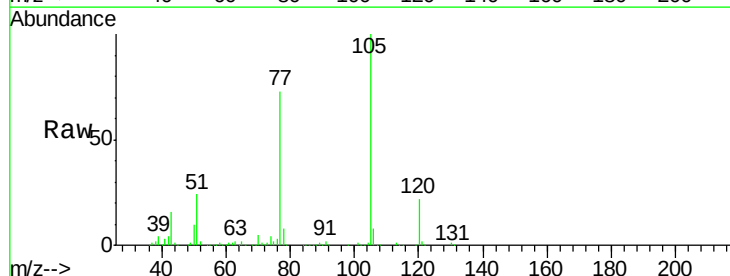
RT: 6.24 min Scan# 731

Delta R.T. -0.00 min

Lab File: BF094563.D

Acq: 21 Apr 2017 15:31

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	461860		
71	1.0		2.8	4.2#
51	23.9		30.7	46.1#
120	21.9		17.4	26.0

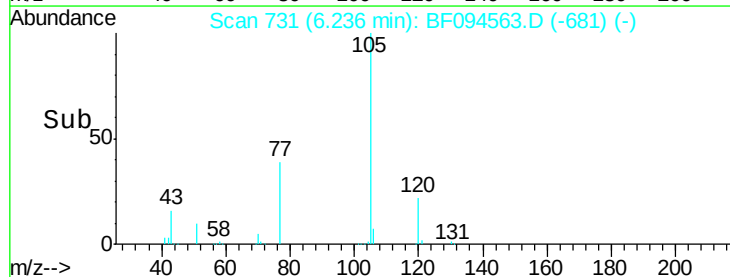
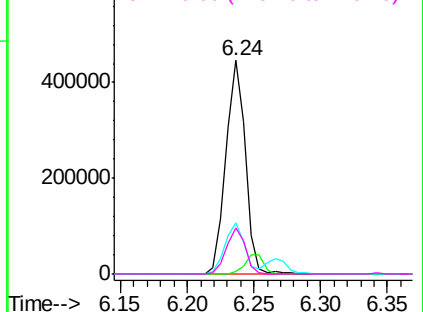


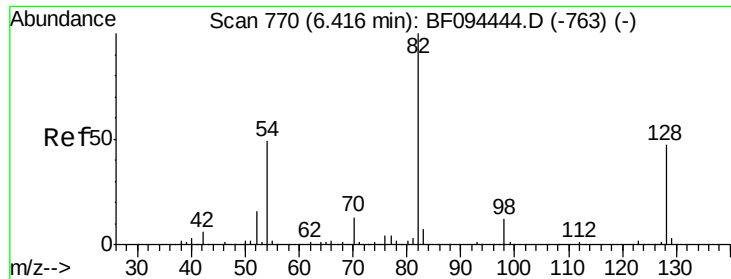
Abundance Ion 105.00 (104.70 to 105.70): E

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





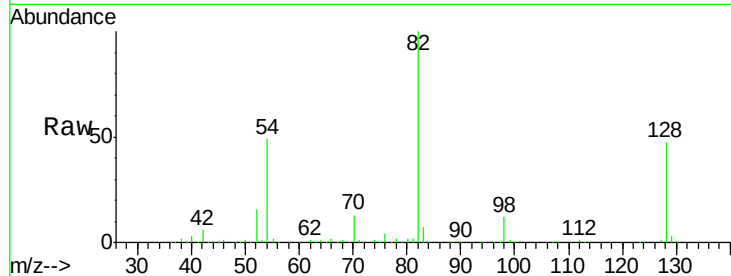
#23
 Nitrobenzene-d5
 Concen: 84.22 ng
 RT: 6.41 min Scan# 761
 Delta R.T. -0.00 min
 Lab File: BF094563.D
 Acq: 21 Apr 2017 15:31

Instrument :
 BNA_F
 ClientSampleId :
 PB98392BS

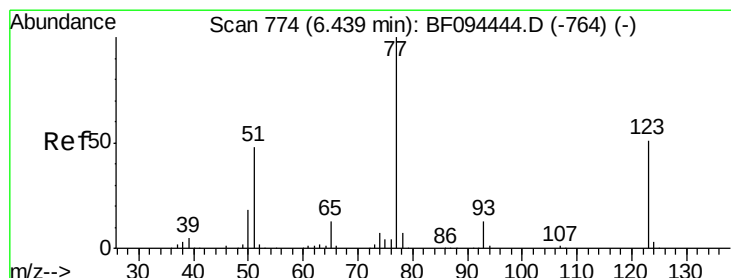
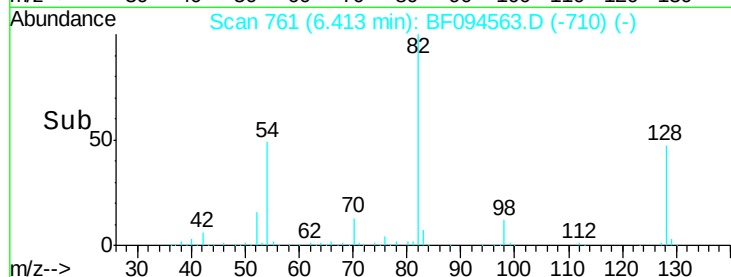
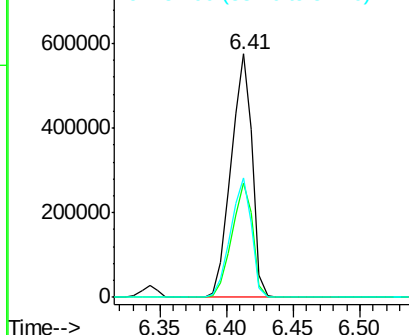
Tot Ion	Ratio	Resp	Lower	Upper
82	100	639313		
128	46.9	34.0	51.0	
54	48.9	42.2	63.2	

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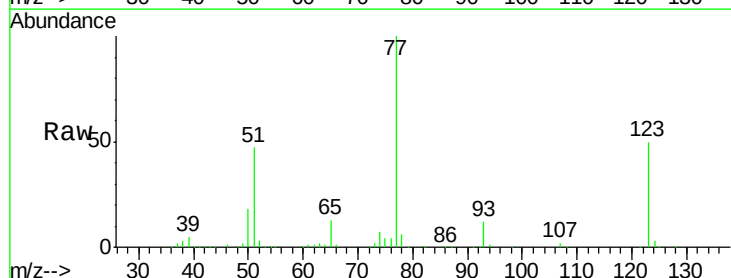


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

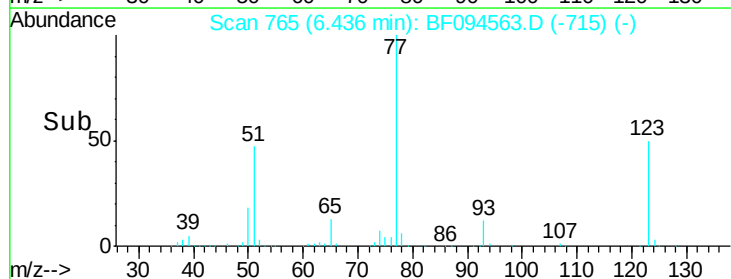
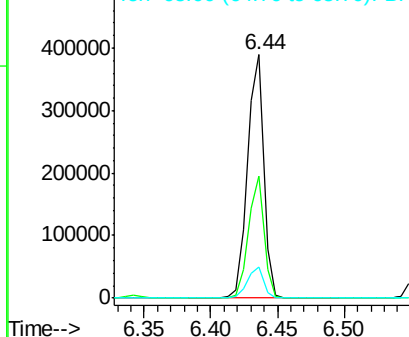


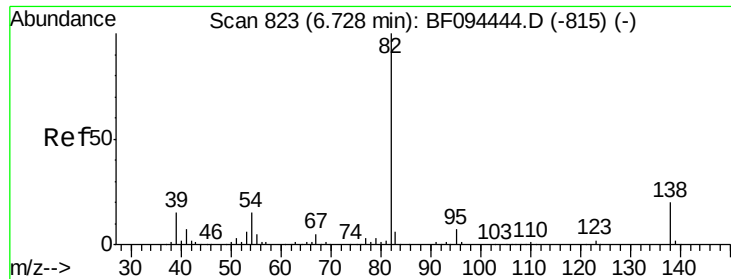
#24
 Nitrobenzene
 Concen: 40.37 ng
 RT: 6.44 min Scan# 765
 Delta R.T. -0.00 min
 Lab File: BF094563.D
 Acq: 21 Apr 2017 15:31

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	322676		
123	50.0	35.8	53.8	
65	13.0	10.6	15.8	



Abundance Ion 77.00 (76.70 to 77.70): BF0
 Ion 123.00 (122.70 to 123.70): B
 Ion 65.00 (64.70 to 65.70): BF0





#25

Isophorone

Concen: 41.62 ng

RT: 6.72 min Scan# 814

Delta R.T. -0.00 min

Lab File: BF094563.D

Acq: 21 Apr 2017 15:31

Instrument :

BNA_F

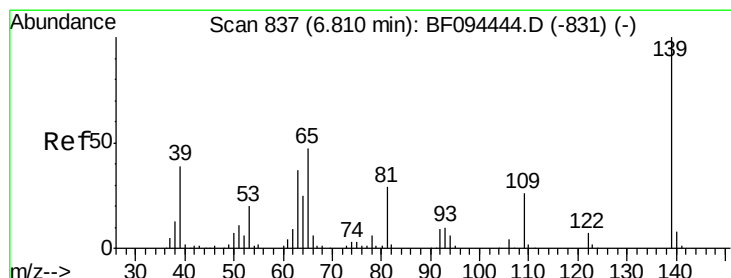
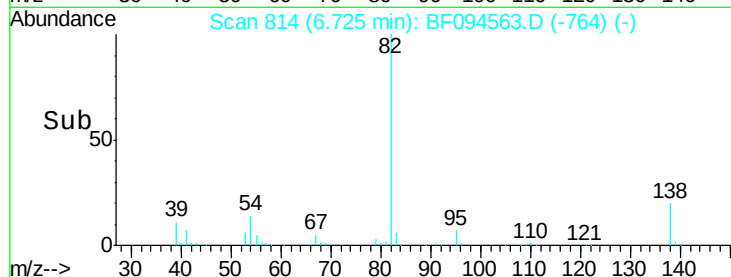
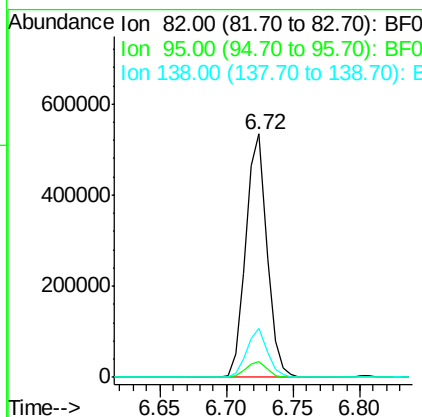
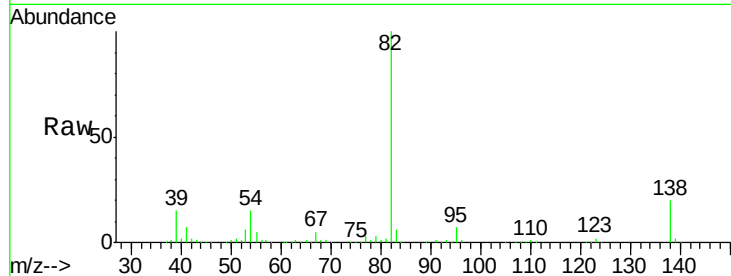
ClientSampleId :

PB98392BS

Tot Ion	82	Resp	585646
Ion Ratio	Lower	Upper	
82	100		
95	6.7	5.3	7.9
138	20.0	13.1	19.7

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#26

2-Nitrophenol

Concen: 41.23 ng

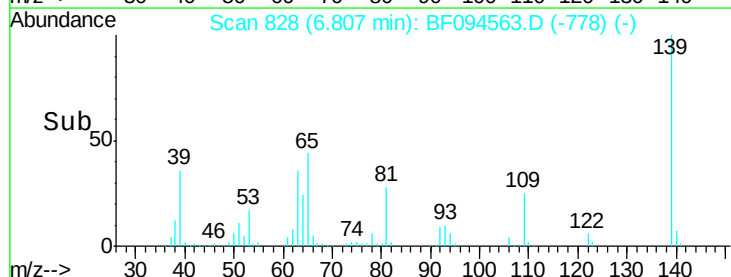
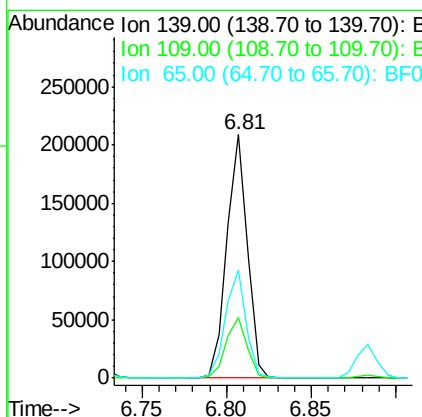
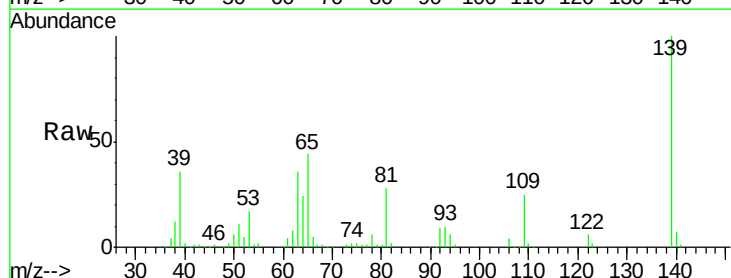
RT: 6.81 min Scan# 828

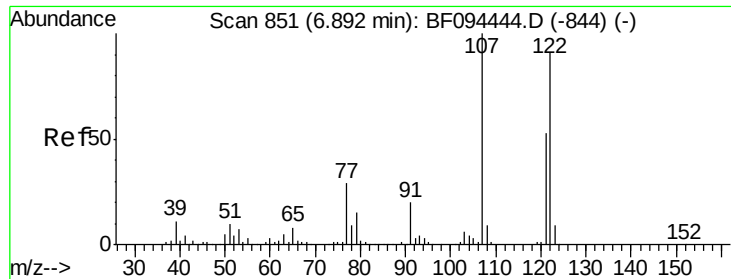
Delta R.T. -0.00 min

Lab File: BF094563.D

Acq: 21 Apr 2017 15:31

Tgt Ion	139	Resp	177043
Ion Ratio	Lower	Upper	
139	100		
109	24.9	21.0	31.6
65	44.5	33.0	49.6





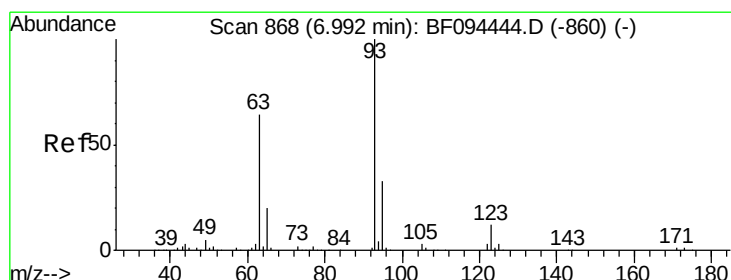
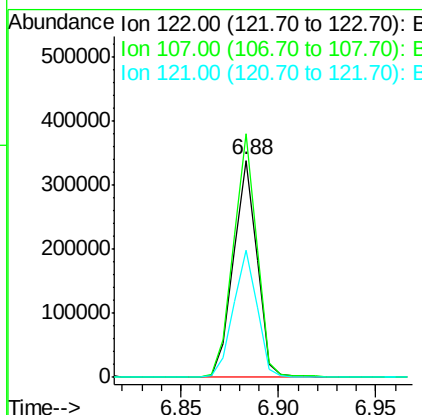
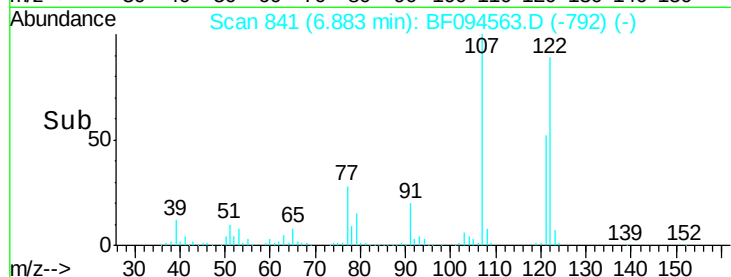
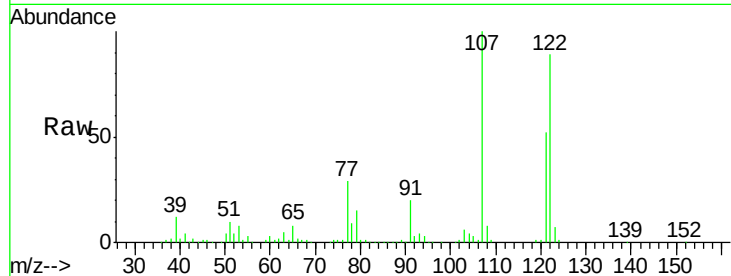
#27
2,4-Dimethylphenol
Concen: 41.05 ng
RT: 6.88 min Scan# 841
Delta R.T. -0.01 min
Lab File: BF094563.D
Acq: 21 Apr 2017 15:31

Instrument :
BNA_F
ClientSampleId :
PB98392BS

Tot Ion	Ratio	Lower	Upper
122	100		
107	112.1	89.2	133.8
121	58.4	45.2	67.8

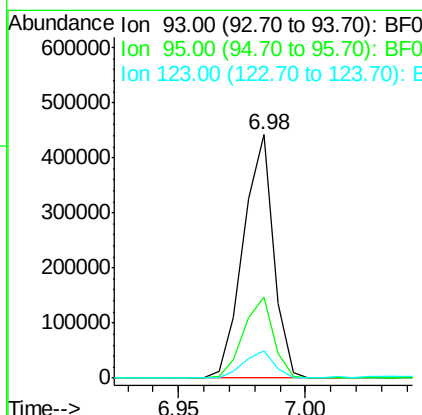
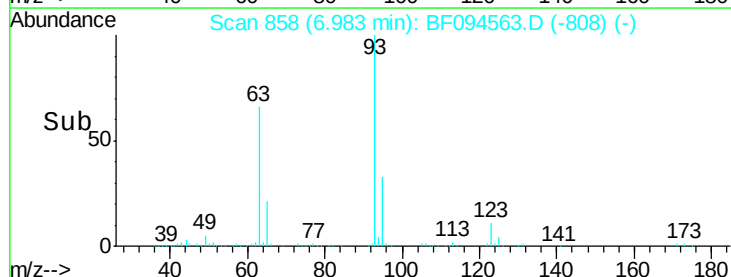
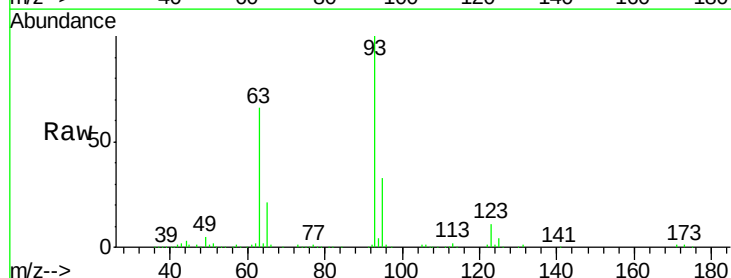
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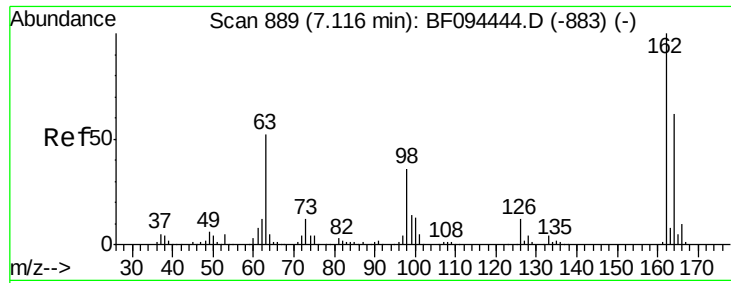
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#28
bis(2-Chloroethoxy)methane
Concen: 40.34 ng
RT: 6.98 min Scan# 858
Delta R.T. -0.01 min
Lab File: BF094563.D
Acq: 21 Apr 2017 15:31

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.0	26.5	39.7
123	11.3	9.0	13.4





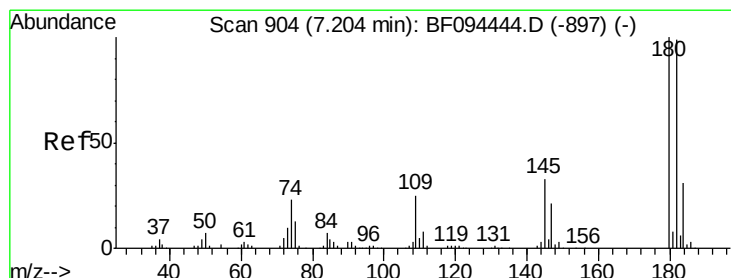
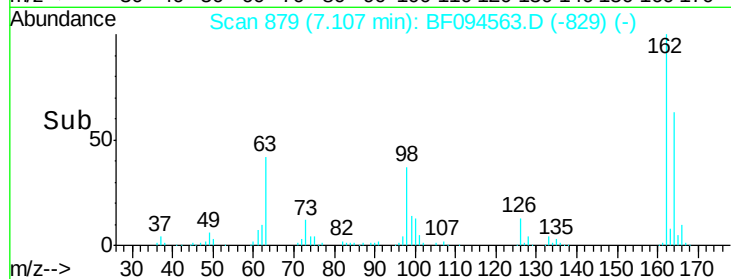
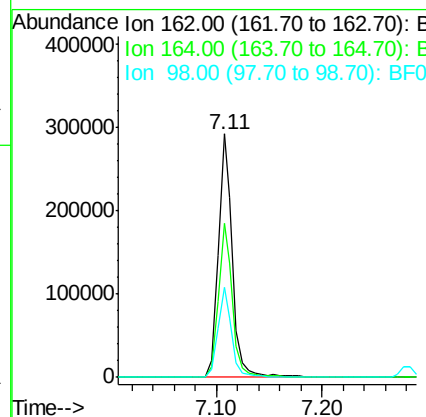
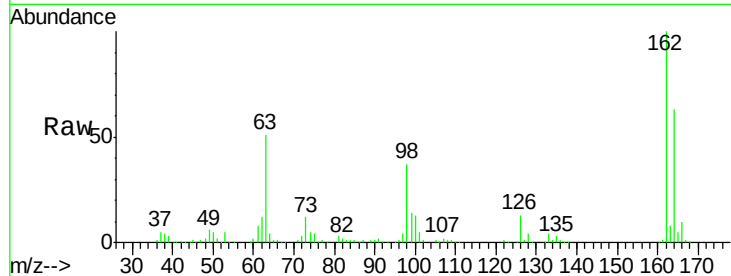
#29
 2,4-Dichlorophenol
 Concen: 42.56 ng
 RT: 7.11 min Scan# 879
 Delta R.T. -0.01 min
 Lab File: BF094563.D
 Acq: 21 Apr 2017 15:31

Instrument :
 BNA_F
 ClientSampleId :
 PB98392BS

Tot Ion:	162	Resp:	276184
Ion Ratio	Lower	Upper	
162	100		
164	63.3	44.6	84.6
98	36.7	14.8	54.8

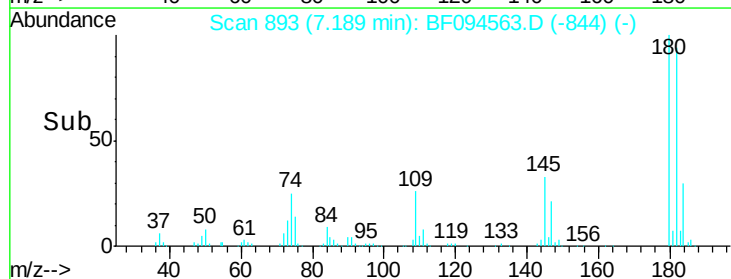
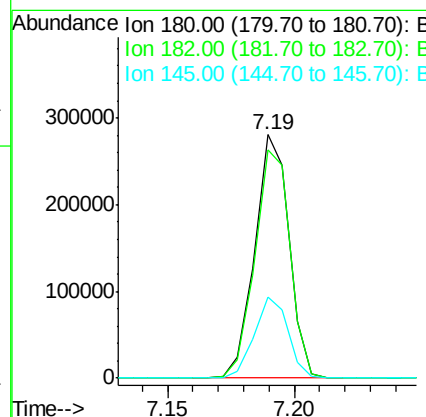
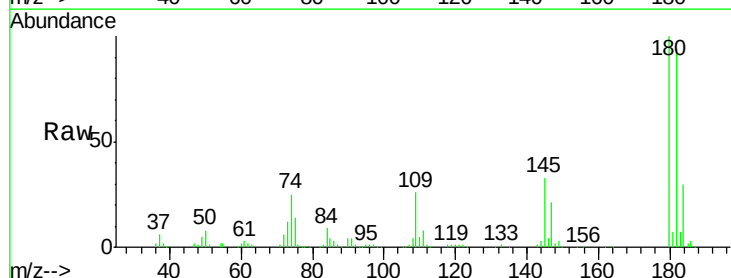
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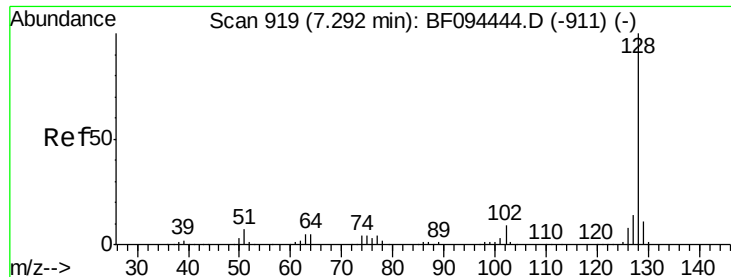
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#30
 1,2,4-Trichlorobenzene
 Concen: 39.45 ng
 RT: 7.19 min Scan# 893
 Delta R.T. -0.01 min
 Lab File: BF094563.D
 Acq: 21 Apr 2017 15:31

Tgt Ion:	180	Resp:	264682
Ion Ratio	Lower	Upper	
180	100		
182	94.0	75.8	113.6
145	33.5	25.3	37.9





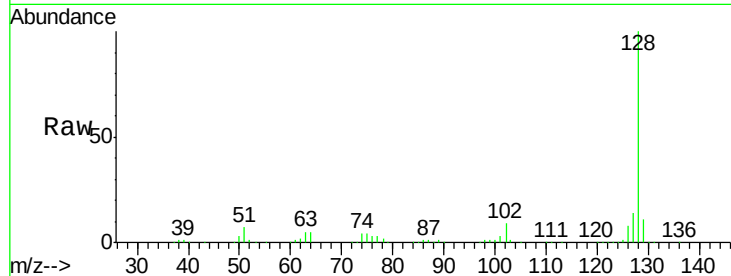
#31
Naphthalene
Concen: 40.28 ng
RT: 7.28 min Scan# 909
Delta R.T. -0.01 min
Lab File: BF094563.D
Acq: 21 Apr 2017 15:31

Instrument :
BNA_F
ClientSampleId :
PB98392BS

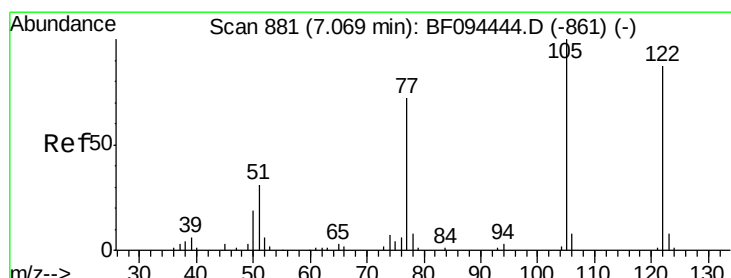
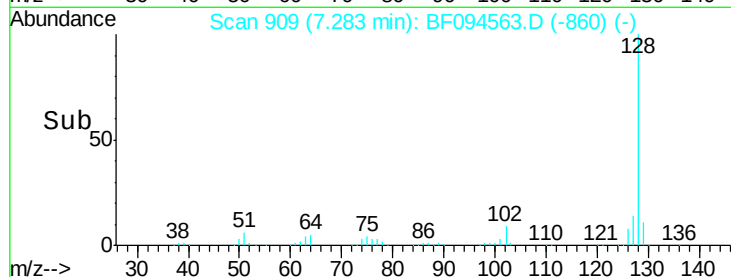
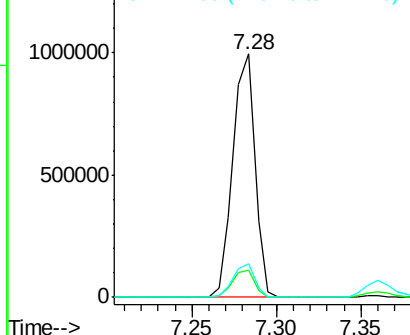
Tot Ion	Ratio	Resp	Lower	Upper
128	100	907573		
129	11.0		9.0	13.6
127	13.6		10.8	16.2

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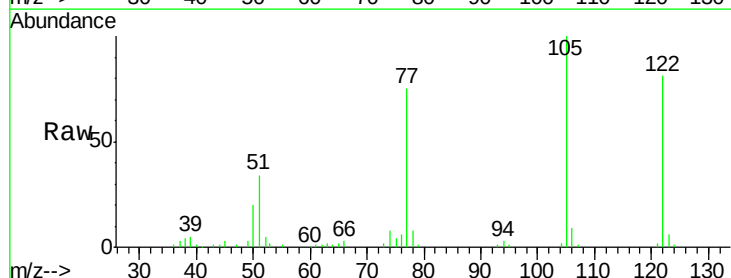


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

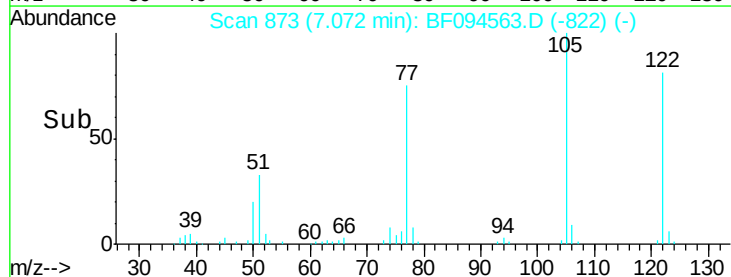
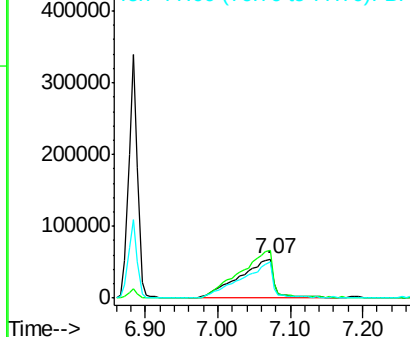


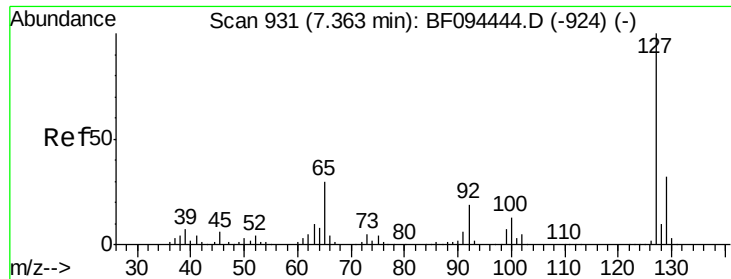
#32
Benzoic acid
Concen: 48.26 ng
RT: 7.07 min Scan# 873
Delta R.T. 0.00 min
Lab File: BF094563.D
Acq: 21 Apr 2017 15:31

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	178027		
105	122.8		103.3	143.3
77	92.3		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





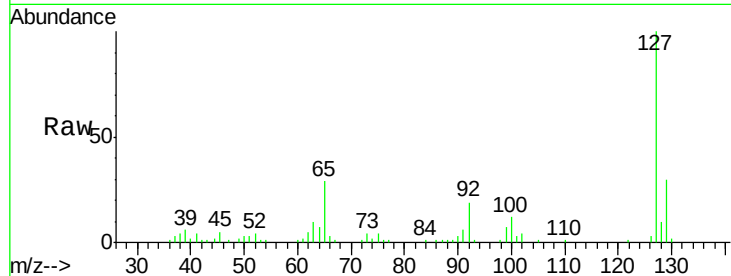
#33
4-Chloroaniline
Concen: 9.42 ng
RT: 7.36 min Scan# 922
Delta R.T. -0.00 min
Lab File: BF094563.D
Acq: 21 Apr 2017 15:31

Instrument :
BNA_F
ClientSampleId :
PB98392BS

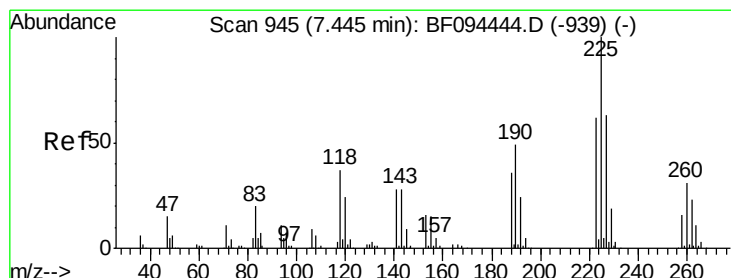
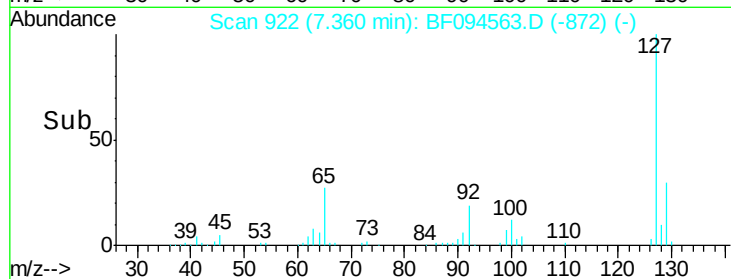
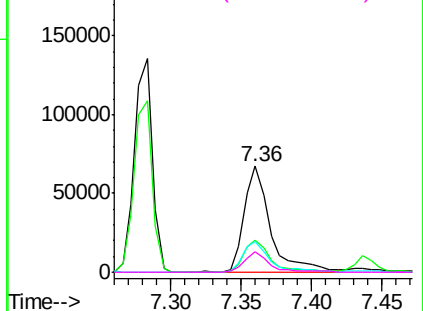
Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	30.3	26.2	39.2		
65	29.4	27.8	41.8		
92	18.8	16.8	25.2		

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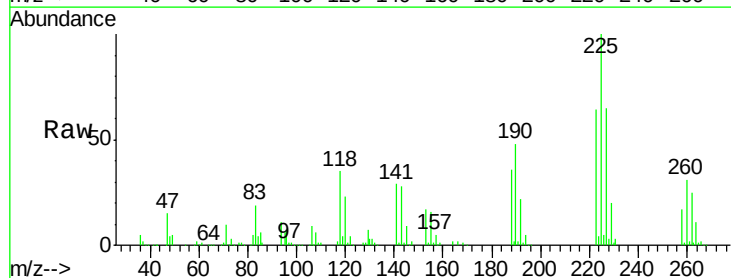


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

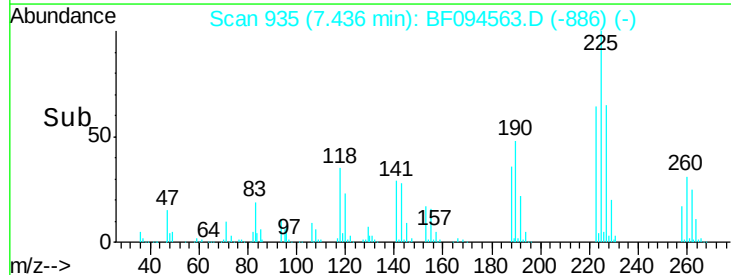
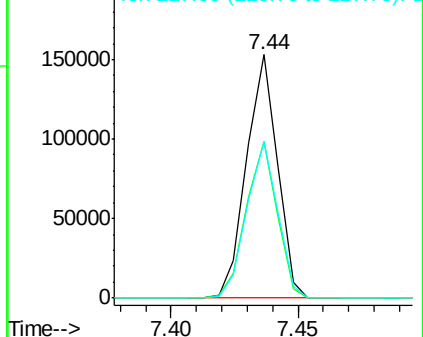


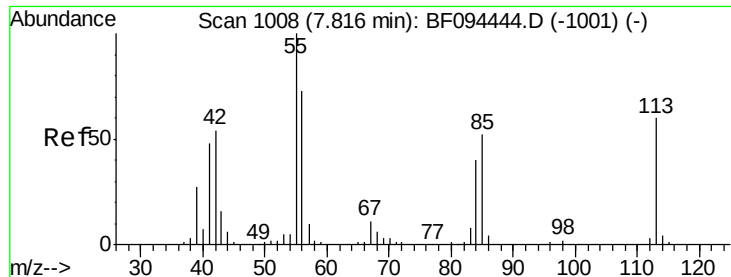
#34
Hexachlorobutadiene
Concen: 38.96 ng
RT: 7.44 min Scan# 935
Delta R.T. -0.01 min
Lab File: BF094563.D
Acq: 21 Apr 2017 15:31

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	64.4	48.8	73.2		
227	64.5	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: 47.27 ng/ml

RT: 7.82 min Scan# 1000

Delta R.T. 0.00 min

Lab File: BF094563.D

Acq: 21 Apr 2017 15:31

Instrument :

BNA_F

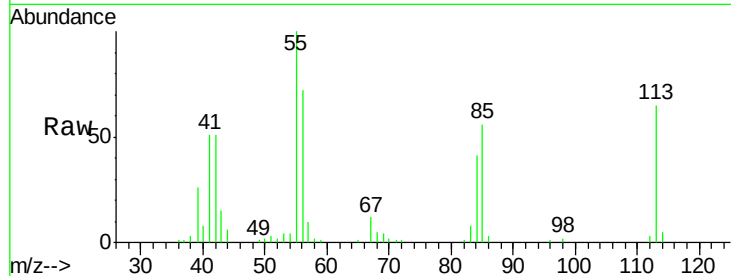
ClientSampleId :

PB98392BS

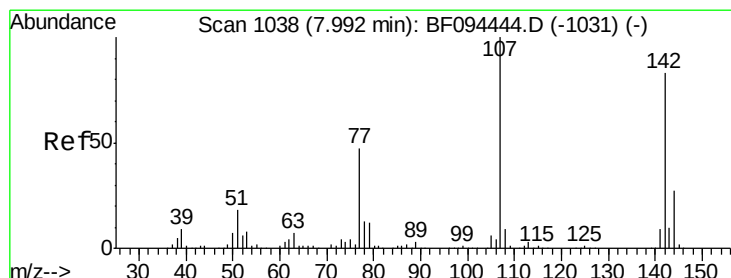
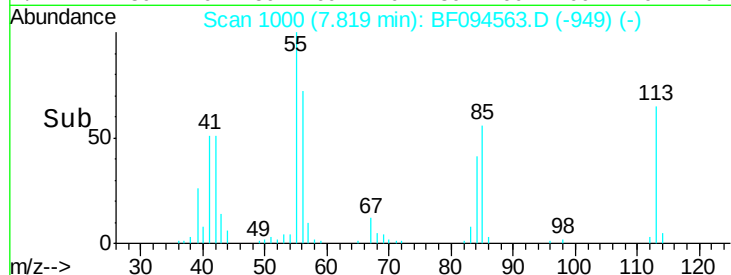
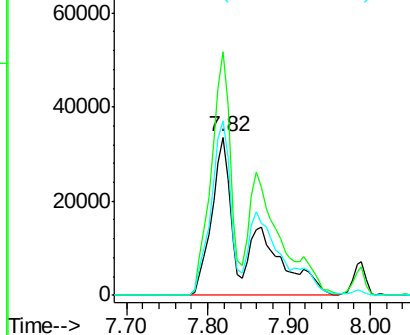
Tot Ion:113 Resp: 96365
 Ion Ratio Lower Upper
 113 100
 55 153.6 150.2 190.2
 56 110.1 107.8 147.8

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Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF0
 Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 41.88 ng/ml

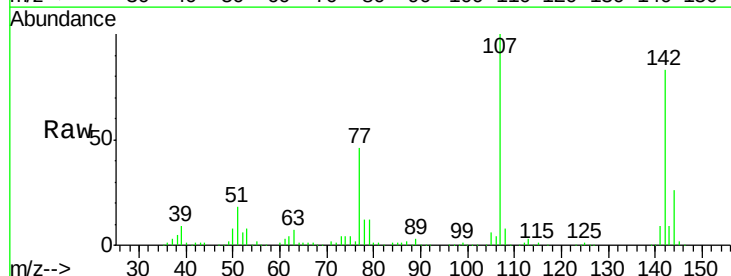
RT: 7.99 min Scan# 1029

Delta R.T. -0.00 min

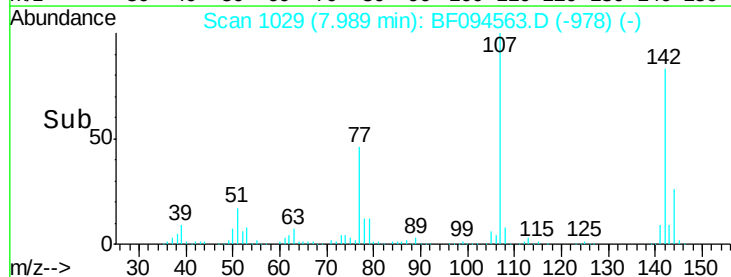
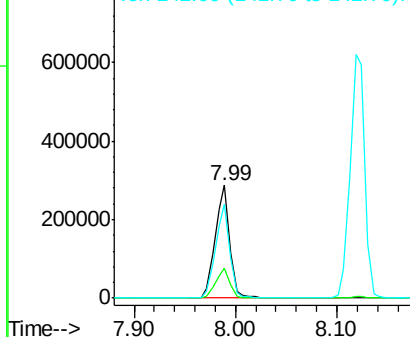
Lab File: BF094563.D

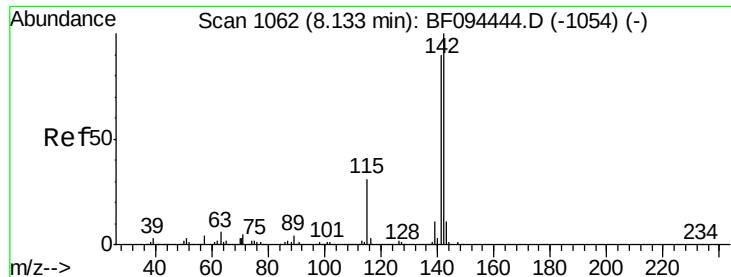
Acq: 21 Apr 2017 15:31

Tgt Ion:107 Resp: 284846
 Ion Ratio Lower Upper
 107 100
 144 25.9 24.2 36.4
 142 83.1 73.4 110.0



Abundance Ion 107.00 (106.70 to 107.70): E
 Ion 144.00 (143.70 to 144.70): E
 Ion 142.00 (141.70 to 142.70): E





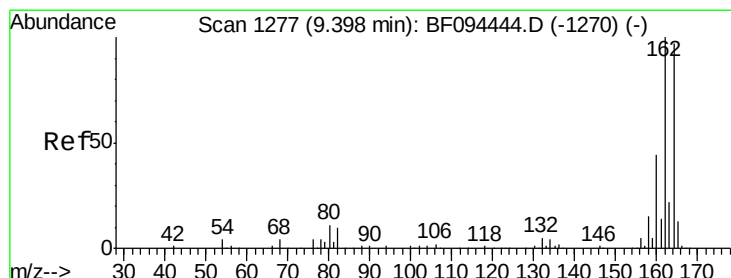
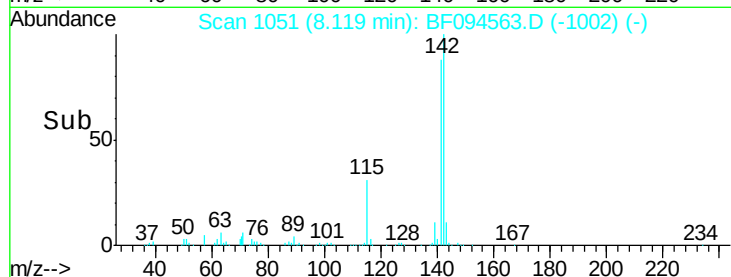
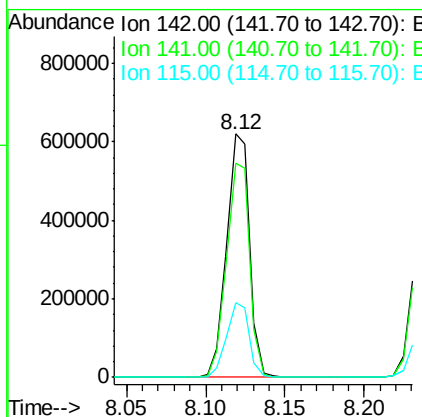
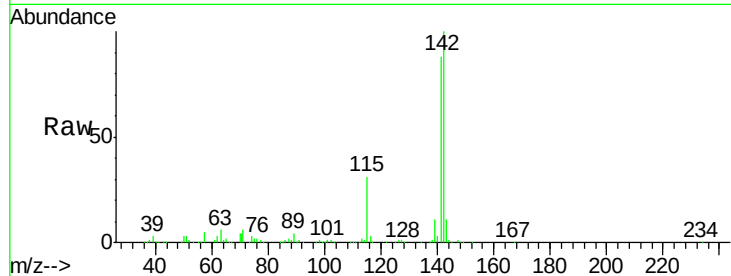
#37
 2-Methylnaphthalene
 Concen: 40.29 ng
 RT: 8.12 min Scan# 1051
 Delta R.T. -0.01 min
 Lab File: BF094563.D
 Acq: 21 Apr 2017 15:31

Instrument :
 BNA_F
 ClientSampleId :
 PB98392BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	87.9	71.3	106.9
115	30.8	27.1	40.7

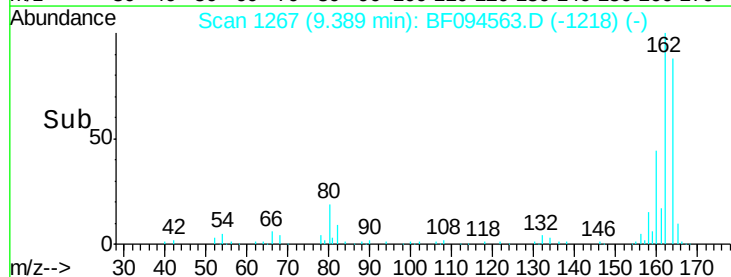
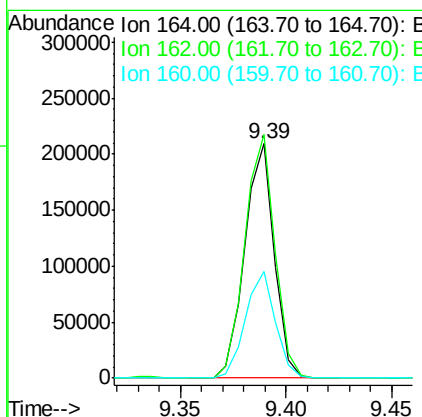
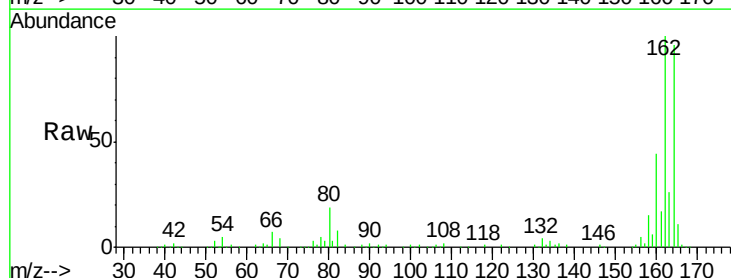
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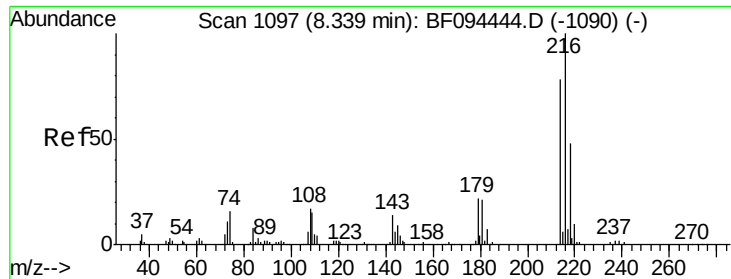
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#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.39 min Scan# 1267
 Delta R.T. -0.01 min
 Lab File: BF094563.D
 Acq: 21 Apr 2017 15:31

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.9	82.6	123.8
160	45.5	36.2	54.2





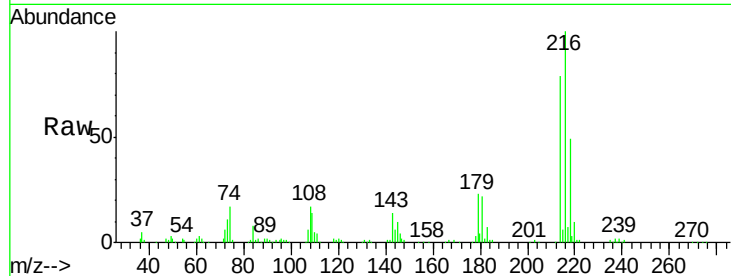
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 38.39 ng
 RT: 8.33 min Scan# 1087
 Delta R.T. -0.01 min
 Lab File: BF094563.D
 Acq: 21 Apr 2017 15:31

Instrument :
 BNA_F
 ClientSampleId :
 PB98392BS

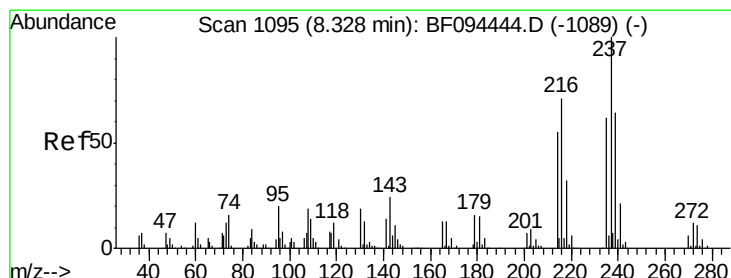
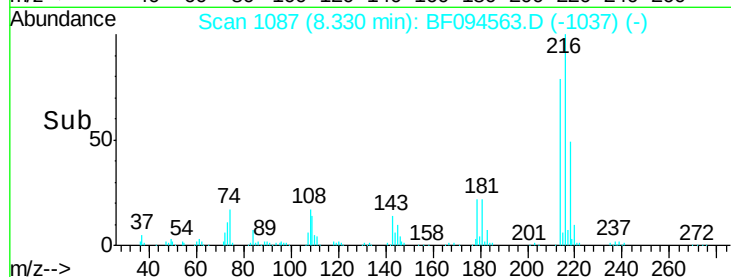
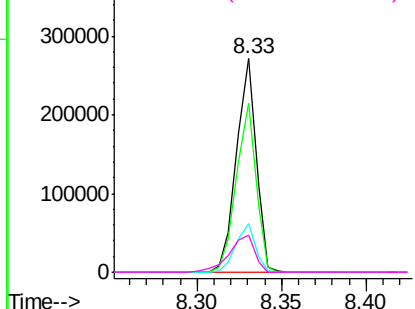
Tot Ion	Ion	Ratio	Resp	Lower	Upper
216	100		221254		
214	79.2	63.4	95.2		
179	22.4	17.9	26.9		
108	22.1	16.5	24.7		

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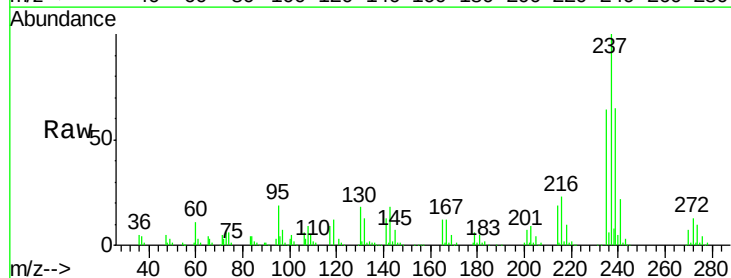


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

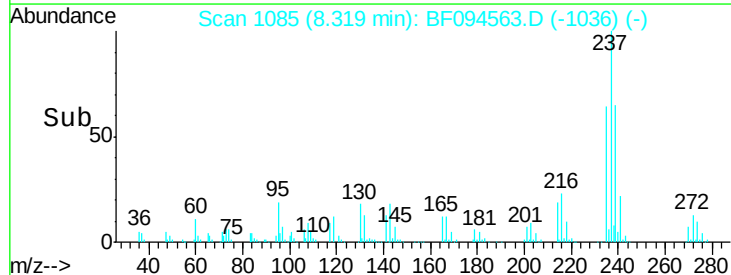
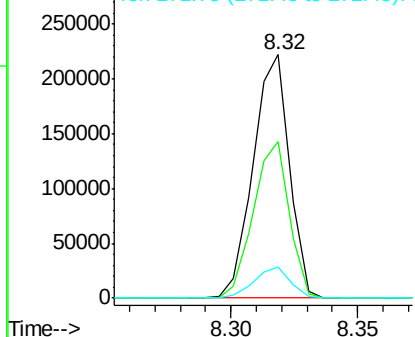


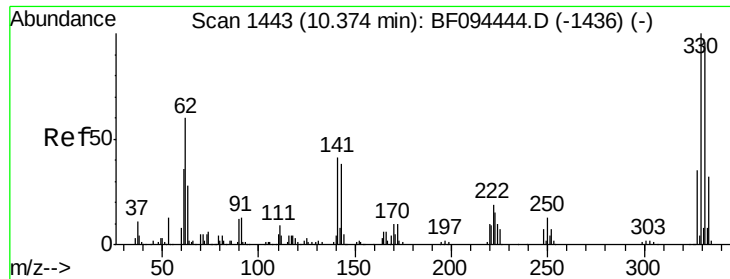
#40
 Hexachlorocyclopentadiene
 Concen: 94.53 ng
 RT: 8.32 min Scan# 1085
 Delta R.T. -0.01 min
 Lab File: BF094563.D
 Acq: 21 Apr 2017 15:31

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
237	100		220398		
235	64.3	42.6	82.6		
272	12.6	0.0	31.9		



Abundance Ion 236.80 (236.50 to 237.50): E
 Ion 234.90 (234.60 to 235.60): E
 Ion 271.75 (271.45 to 272.45): E





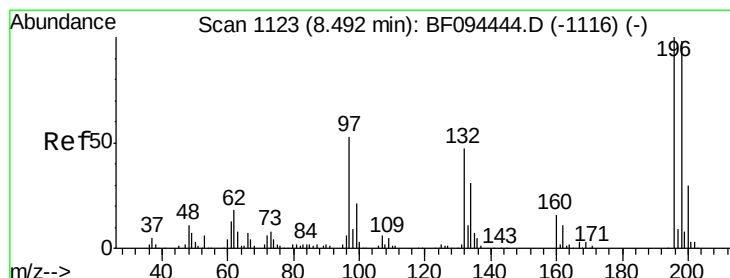
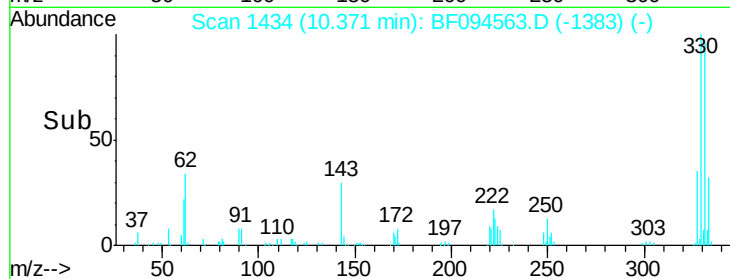
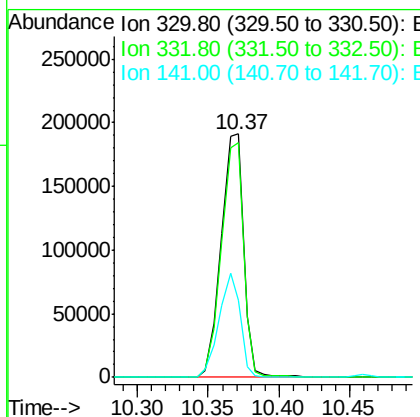
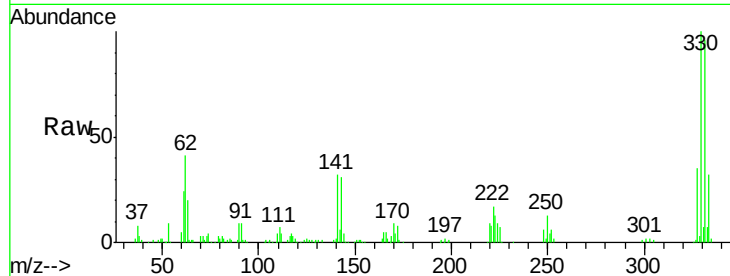
#41
 2,4,6-Tribromophenol
 Concen: 134.67 ng
 RT: 10.37 min Scan# 1434
 Delta R.T. -0.00 min
 Lab File: BF094563.D
 Acq: 21 Apr 2017 15:31

Instrument :
 BNA_F
 ClientSampleId :
 PB98392BS

Tot Ion	Ratio	Resp	Lower	Upper
330	100	213192		
332	95.4	76.6	115.0	
141	40.3	31.4	47.2	

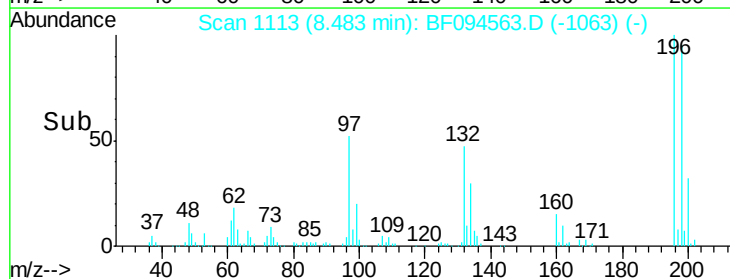
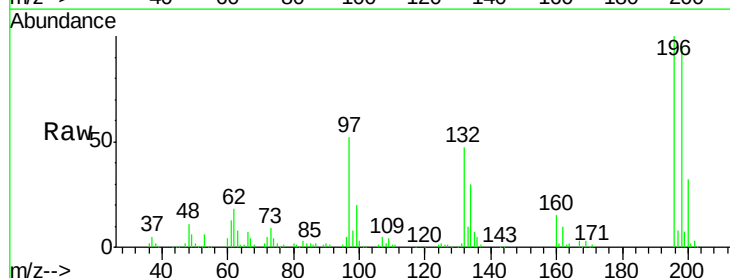
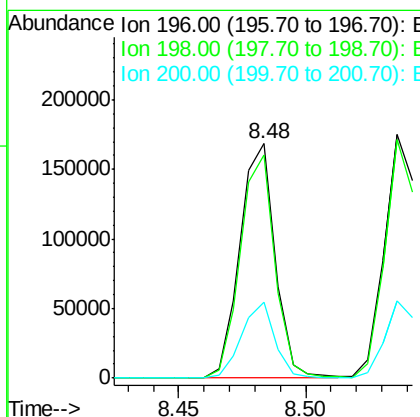
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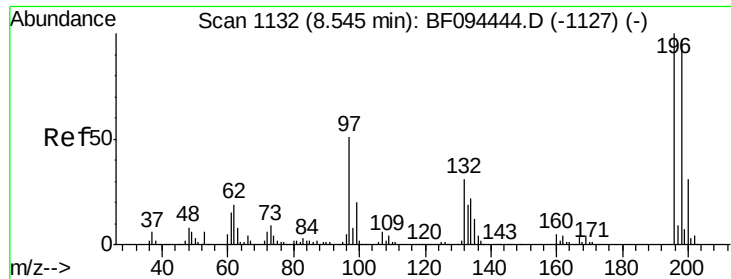
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#42
 2,4,6-Trichlorophenol
 Concen: 40.19 ng
 RT: 8.48 min Scan# 1113
 Delta R.T. -0.01 min
 Lab File: BF094563.D
 Acq: 21 Apr 2017 15:31

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	162659		
198	95.1	74.2	111.4	
200	32.3	24.0	36.0	





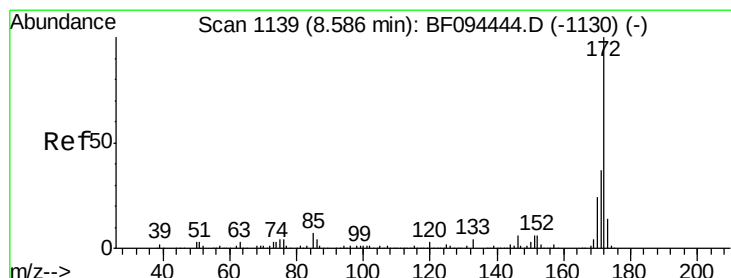
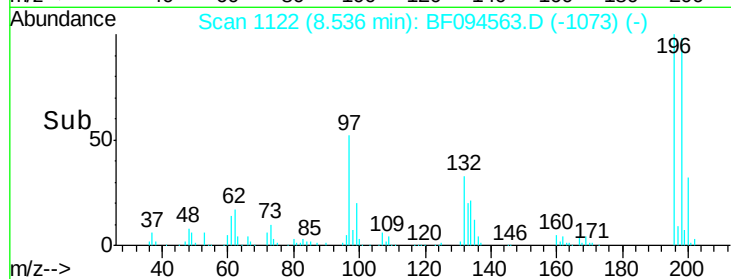
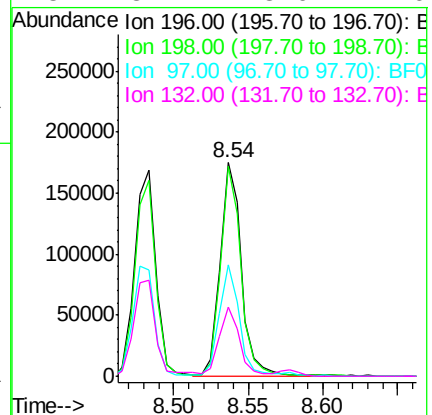
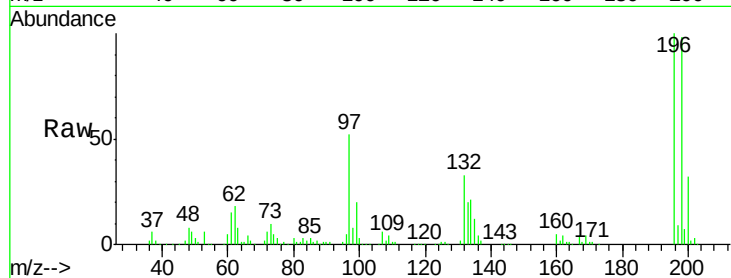
#43
 2,4,5-Trichlorophenol
 Concen: 41.70 ng
 RT: 8.54 min Scan# 1122
 Delta R.T. -0.01 min
 Lab File: BF094563.D
 Acq: 21 Apr 2017 15:31

Instrument :
 BNA_F
 ClientSampleId :
 PB98392BS

Tot Ion	196	Resp	173326
Ion Ratio	Lower	Upper	
196	100		
198	98.2	75.7	113.5
97	52.0	47.7	71.5
132	32.7	28.0	42.0

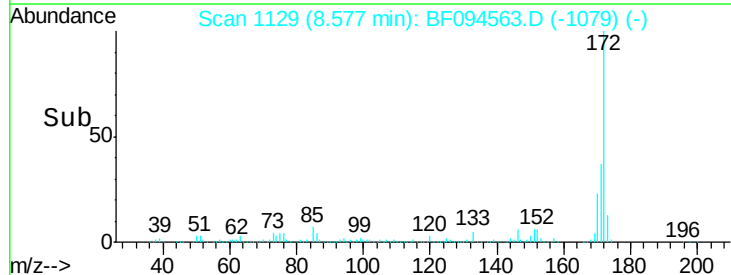
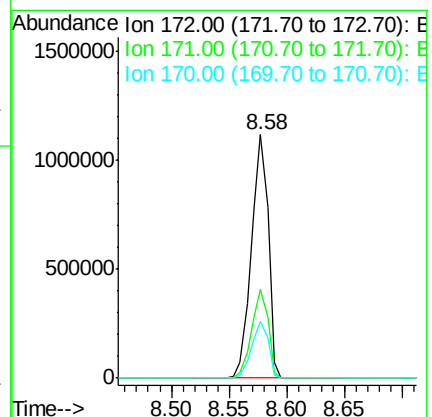
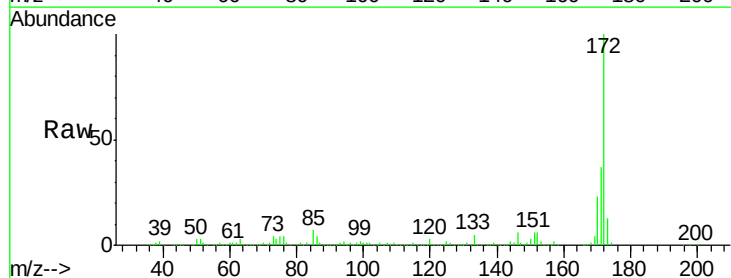
Manual Integrations
 APPROVED

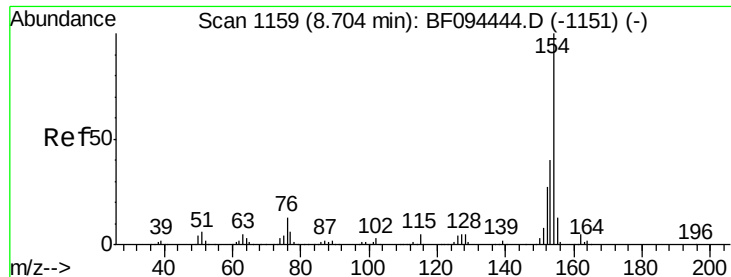
mohammad
 4/24/2017 5:12:58 PM



#44
 2-Fluorobiphenyl
 Concen: 81.38 ng
 RT: 8.58 min Scan# 1129
 Delta R.T. -0.01 min
 Lab File: BF094563.D
 Acq: 21 Apr 2017 15:31

Tgt Ion	172	Resp	1119394
Ion Ratio	Lower	Upper	
172	100		
171	36.5	29.6	44.4
170	23.4	19.8	29.8





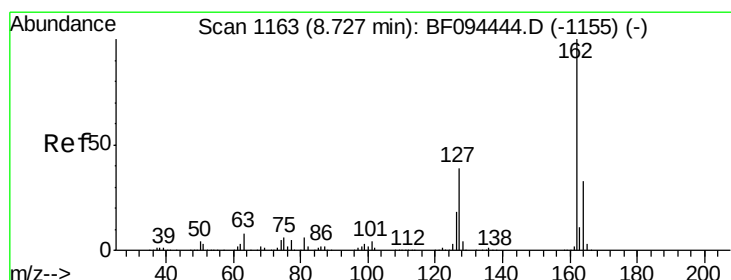
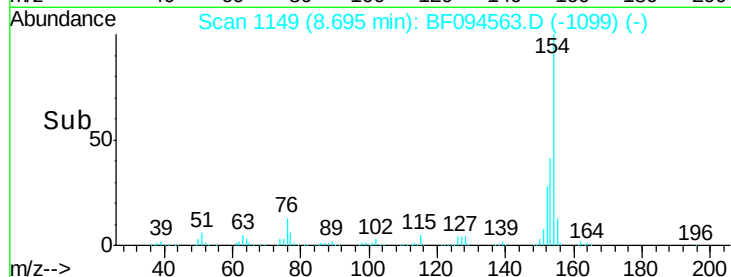
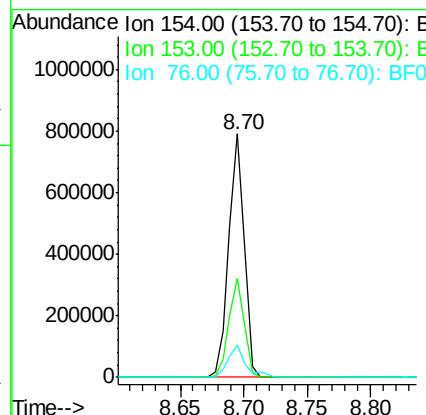
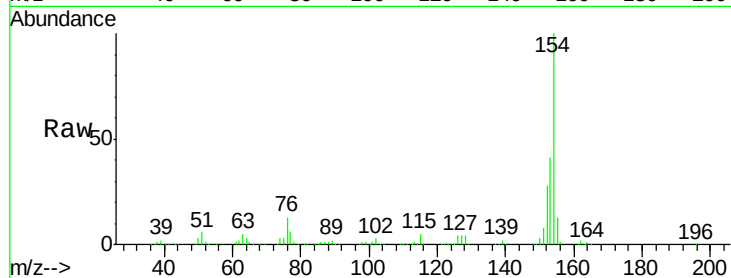
#45
 1,1'-Biphenyl
 Concen: 40.73 ng
 RT: 8.70 min Scan# 1149
 Delta R.T. -0.01 min
 Lab File: BF094563.D
 Acq: 21 Apr 2017 15:31

Instrument :
 BNA_F
 ClientSampleId :
 PB98392BS

Tot Ion:	154	Resp:	673480
Ion Ratio	Lower	Upper	
154	100		
153	40.8	21.2	61.2
76	13.1	0.0	29.9

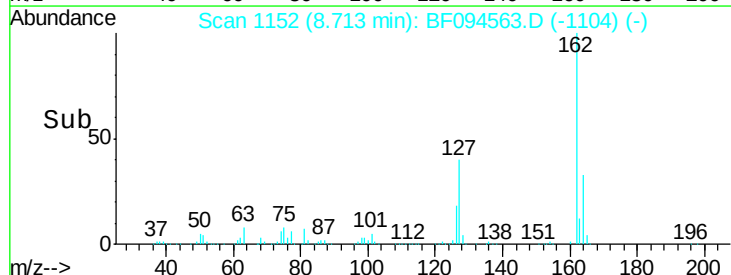
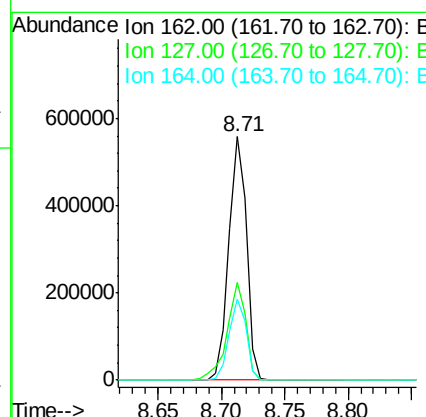
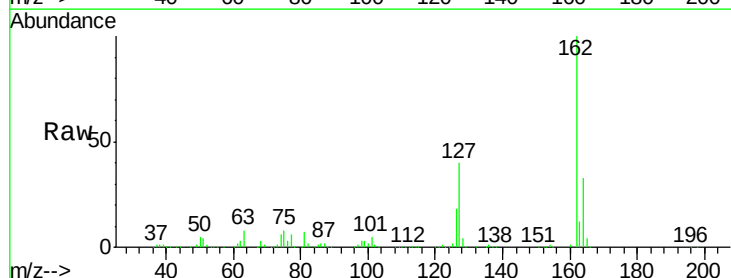
Manual Integrations
 APPROVED

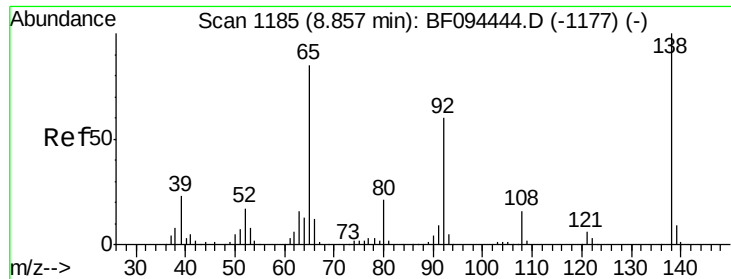
mohammad
 4/24/2017 5:12:58 PM



#46
 2-Chloronaphthalene
 Concen: 41.21 ng
 RT: 8.71 min Scan# 1152
 Delta R.T. -0.01 min
 Lab File: BF094563.D
 Acq: 21 Apr 2017 15:31

Tgt Ion:	162	Resp:	541819
Ion Ratio	Lower	Upper	
162	100		
127	40.3	28.3	42.5
164	33.1	27.0	40.4





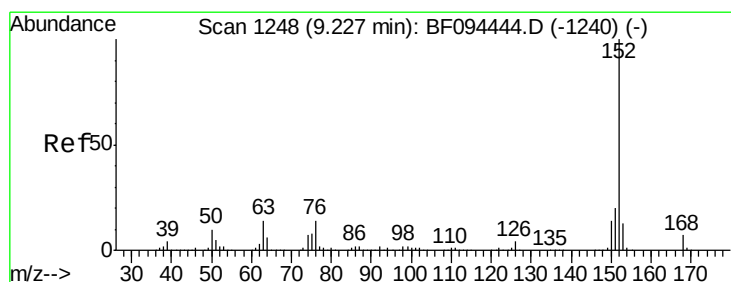
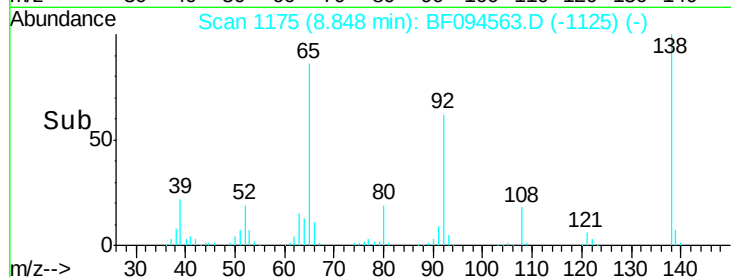
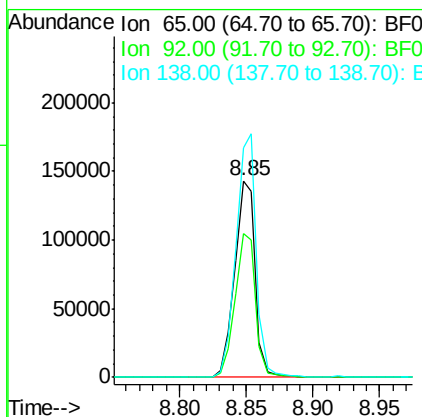
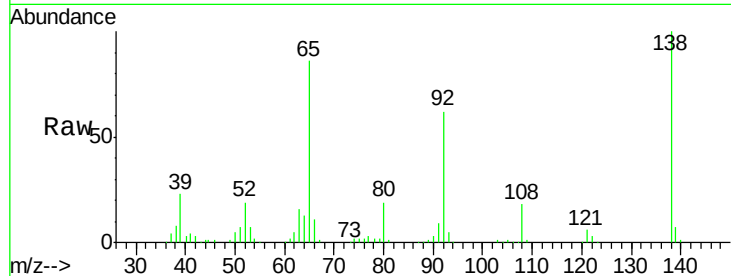
#47
2-Nitroaniline
Concen: 41.00 ng
RT: 8.85 min Scan# 1175
Delta R.T. -0.01 min
Lab File: BF094563.D
Acq: 21 Apr 2017 15:31

Instrument :
BNA_F
ClientSampleId :
PB98392BS

Tot Ion	Ratio	Lower	Upper
65	100		
92	72.8	53.9	80.9
138	116.5	78.8	118.2

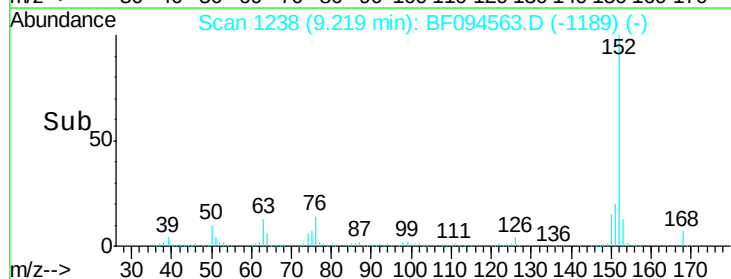
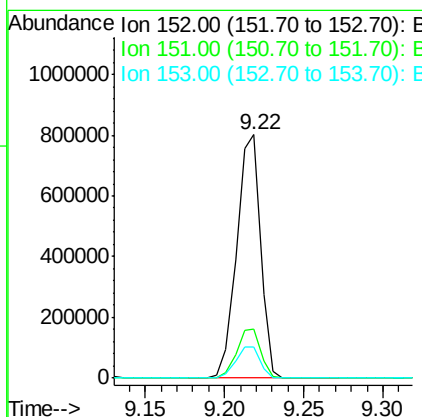
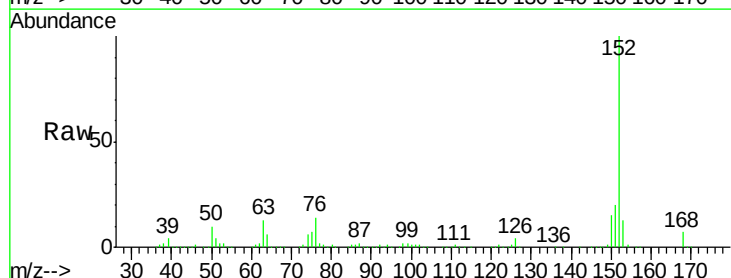
Manual Integrations
APPROVED

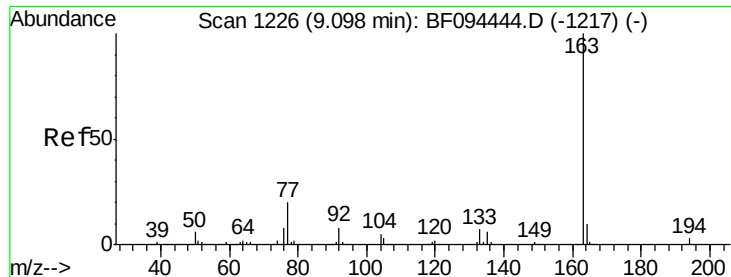
mohammad
4/24/2017 5:12:58 PM



#48
Acenaphthylene
Concen: 40.57 ng
RT: 9.22 min Scan# 1238
Delta R.T. -0.01 min
Lab File: BF094563.D
Acq: 21 Apr 2017 15:31

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.0	16.8	25.2
153	12.9	10.8	16.2





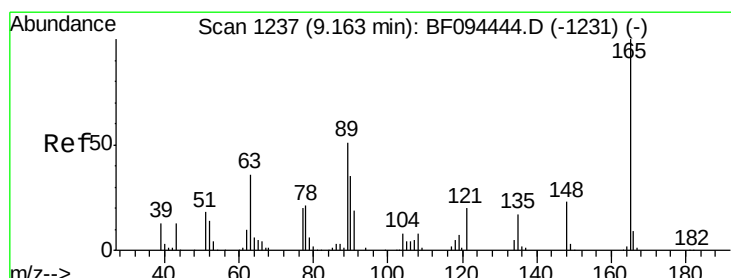
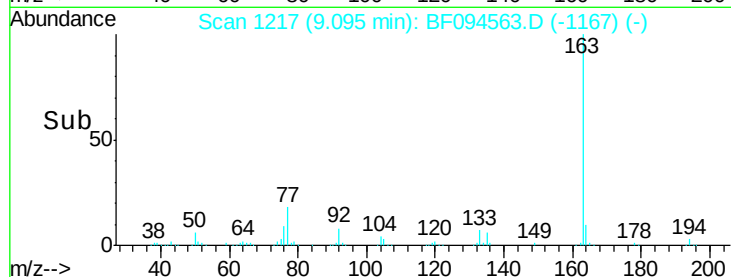
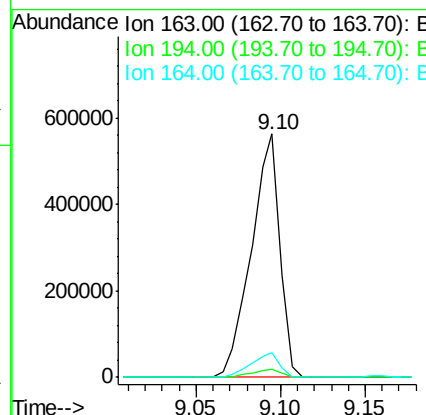
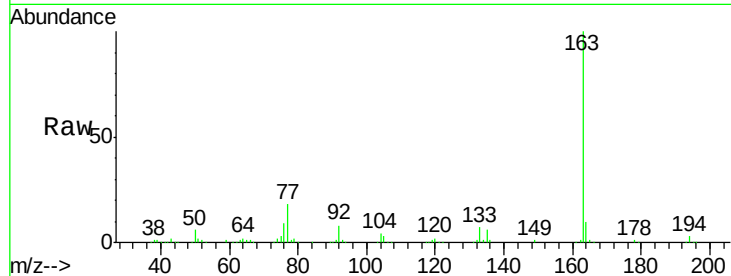
#49
Dimethylphthalate
Concen: 43.99 ng
RT: 9.10 min Scan# 1217
Delta R.T. -0.00 min
Lab File: BF094563.D
Acq: 21 Apr 2017 15:31

Instrument :
BNA_F
ClientSampleId :
PB98392BS

Tot Ion	Ratio	Resp	Lower	Upper
163	100	663533		
194	3.3		2.6	4.0
164	10.1		8.4	12.6

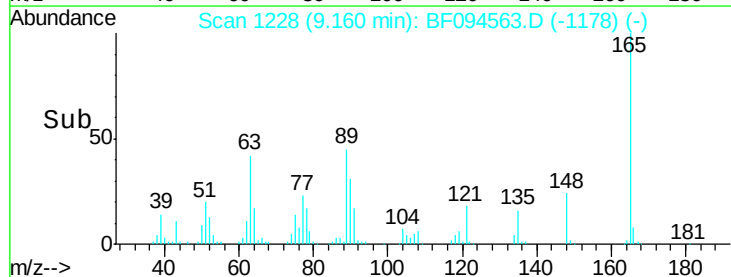
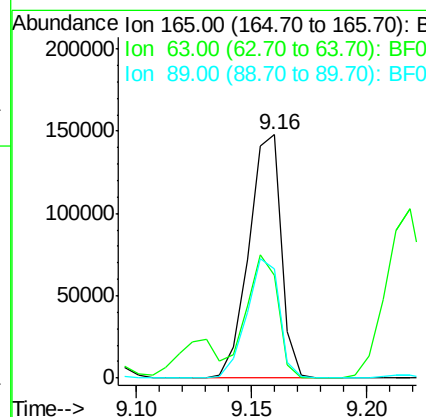
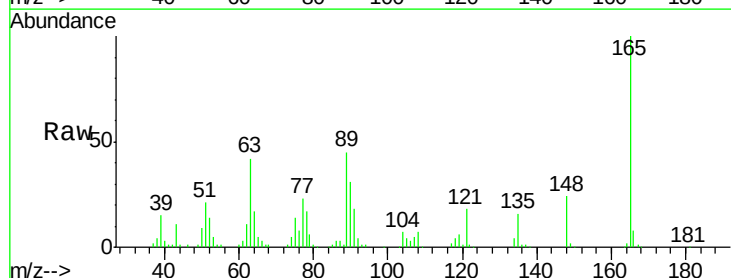
Manual Integrations
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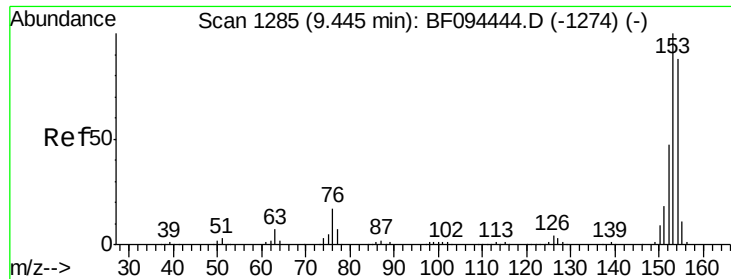
mohammad
4/24/2017 5:12:58 PM



#50
2,6-Dinitrotoluene
Concen: 42.90 ng
RT: 9.16 min Scan# 1228
Delta R.T. -0.00 min
Lab File: BF094563.D
Acq: 21 Apr 2017 15:31

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	145225		
63	42.5		34.3	51.5
89	45.0		37.1	55.7





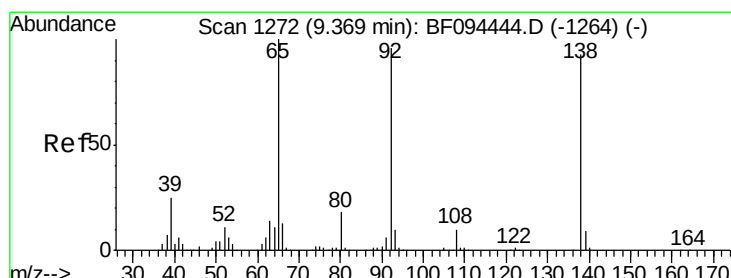
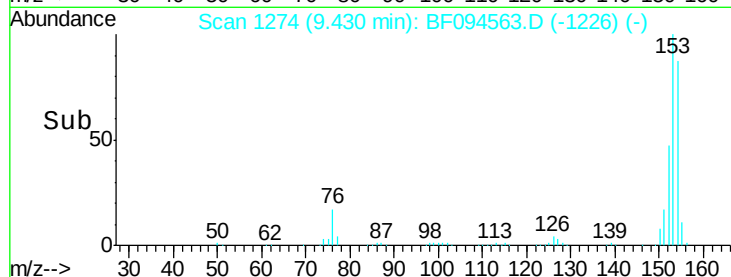
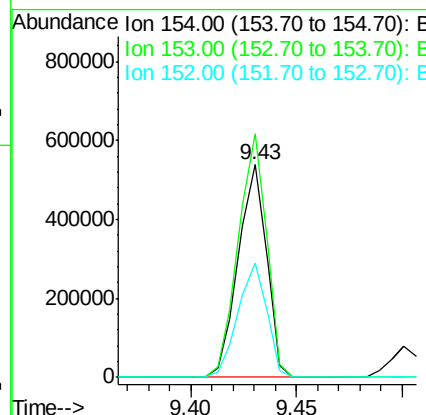
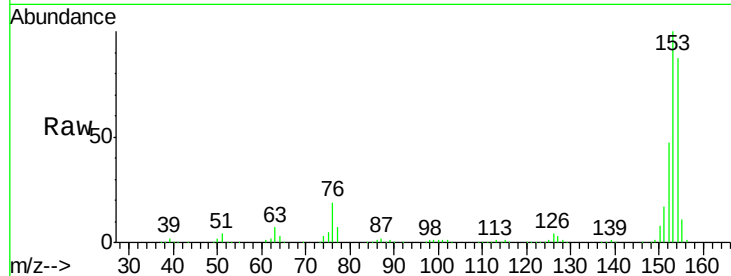
#51
Acenaphthene
Concen: 40.76 ng
RT: 9.43 min Scan# 1274
Delta R.T. -0.01 min
Lab File: BF094563.D
Acq: 21 Apr 2017 15:31

Instrument :
BNA_F
ClientSampleId :
PB98392BS

Tot Ion	Ratio	Lower	Upper
154	100		
153	114.4	90.5	135.7
152	53.7	43.6	65.4

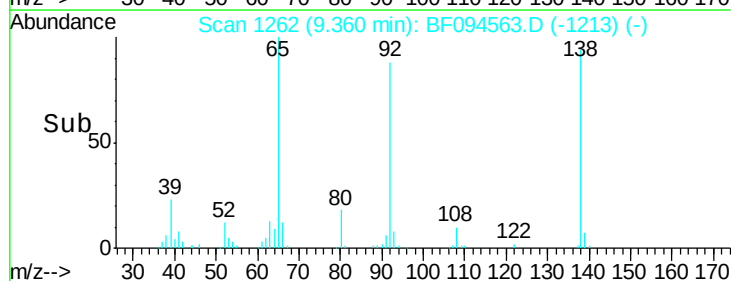
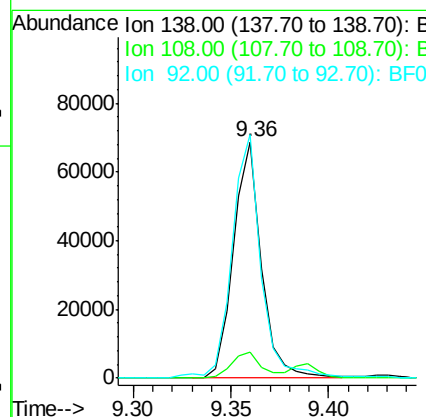
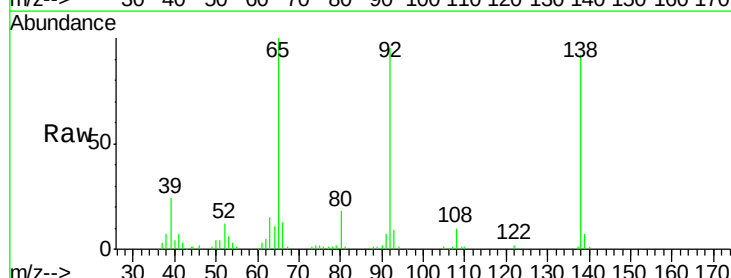
Manual Integrations
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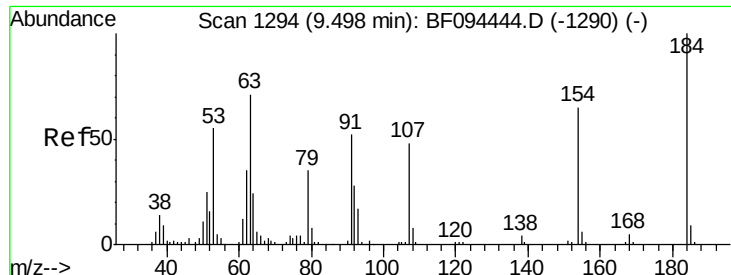
mohammad
4/24/2017 5:12:58 PM



#52
3-Nitroaniline
Concen: 17.47 ng
RT: 9.36 min Scan# 1262
Delta R.T. -0.01 min
Lab File: BF094563.D
Acq: 21 Apr 2017 15:31

Tgt Ion	Ratio	Lower	Upper
138	100		
108	10.9	9.1	13.7
92	103.1	93.8	140.6





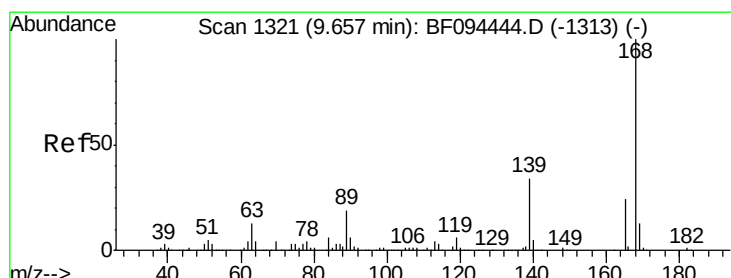
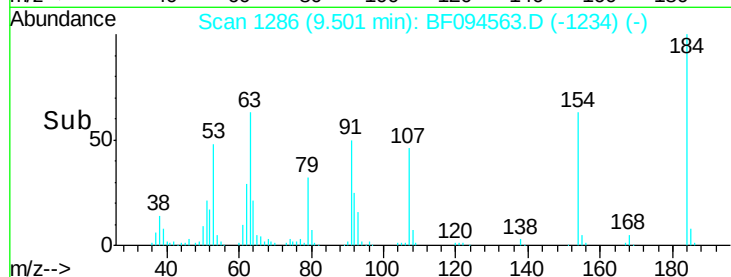
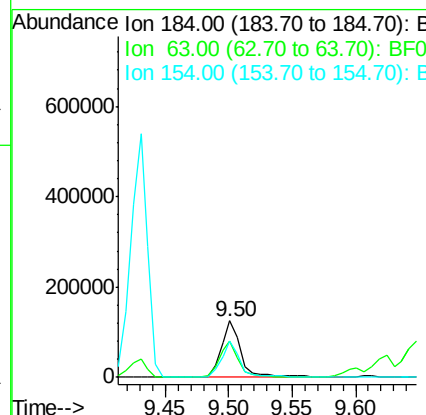
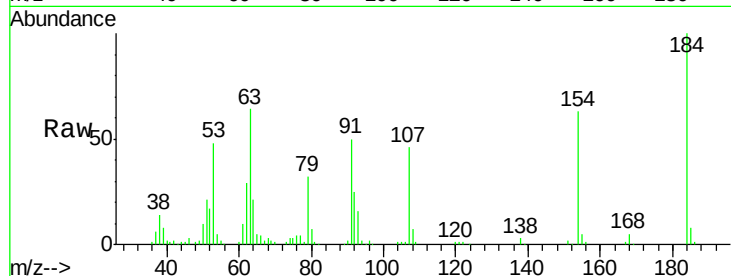
#53
 2,4-Dinitrophenol
 Concen: 75.84 ng
 RT: 9.50 min Scan# 1286
 Delta R.T. 0.00 min
 Lab File: BF094563.D
 Acq: 21 Apr 2017 15:31

Instrument :
 BNA_F
 ClientSampleId :
 PB98392BS

Tot Ion	Ratio	Resp	Lower	Upper
184	100	138733		
63	63.8	62.7	94.1	
154	62.9	81.1	121.7	

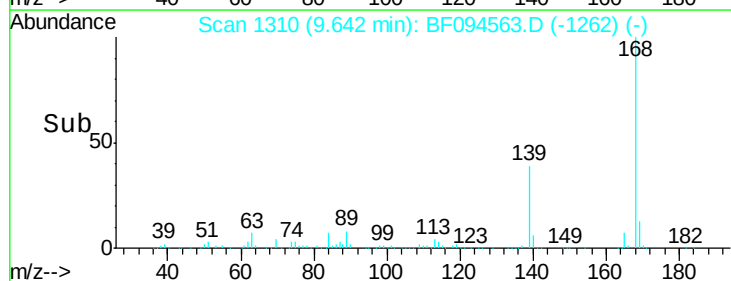
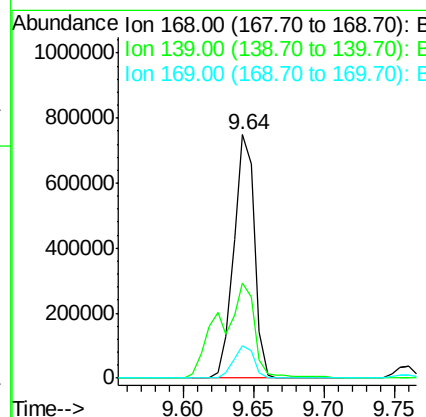
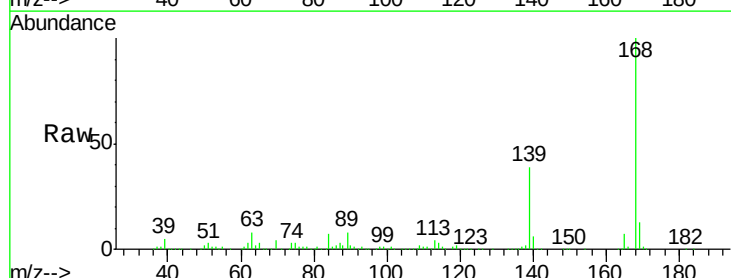
Manual Integrations
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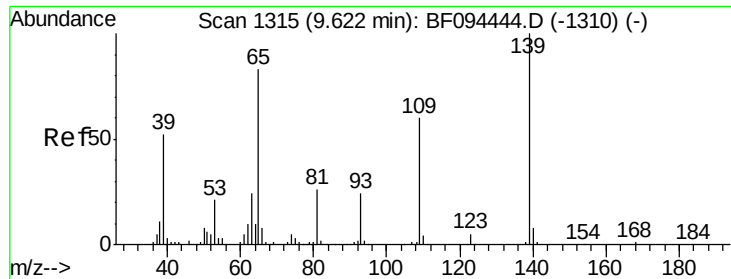
mohammad
 4/24/2017 5:12:58 PM



#54
 Dibenzofuran
 Concen: 42.25 ng
 RT: 9.64 min Scan# 1310
 Delta R.T. -0.01 min
 Lab File: BF094563.D
 Acq: 21 Apr 2017 15:31

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	753945		
139	39.2	30.6	45.8	
169	13.3	10.8	16.2	





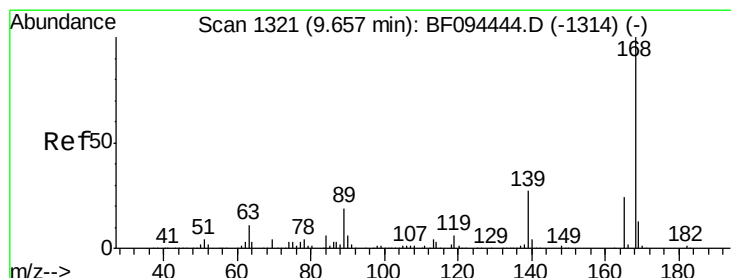
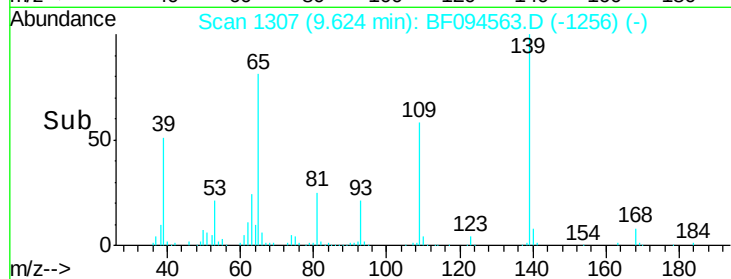
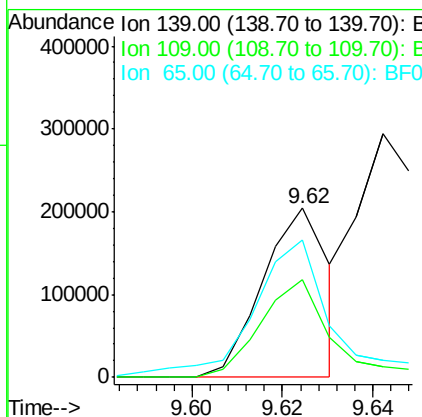
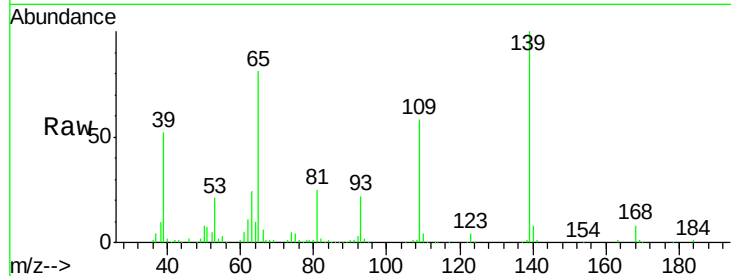
#55
4-Nitrophenol
Concen: 74.89 ng/ml
RT: 9.62 min Scan# 1307
Delta R.T. 0.00 min
Lab File: BF094563.D
Acq: 21 Apr 2017 15:31

Instrument :
BNA_F
ClientSampleId :
PB98392BS

Tot Ion	Ratio	Resp	Lower	Upper
139	100	207225		
109	57.6	34.1	74.1	
65	81.2	31.4	71.4	

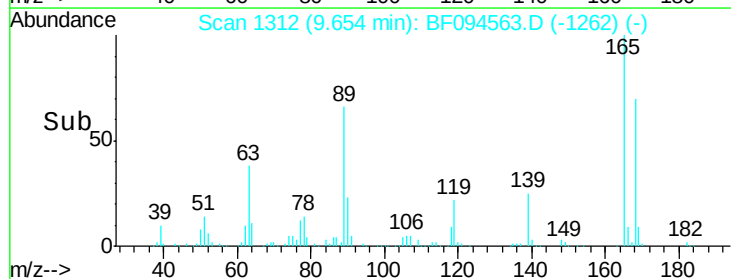
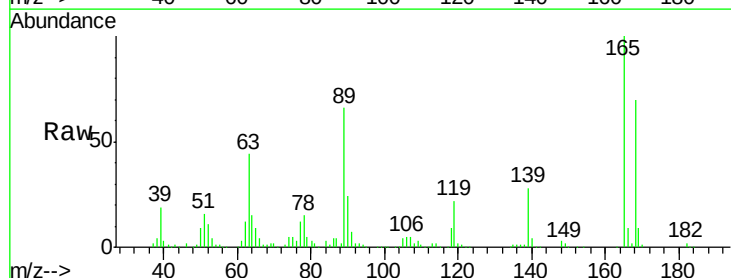
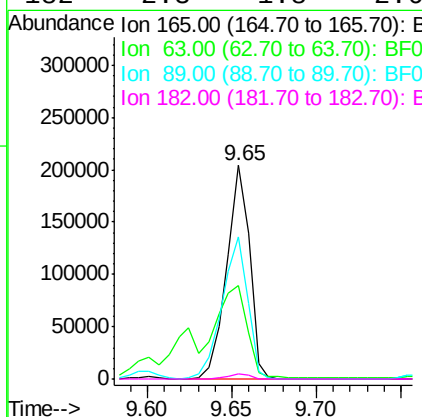
Manual Integrations
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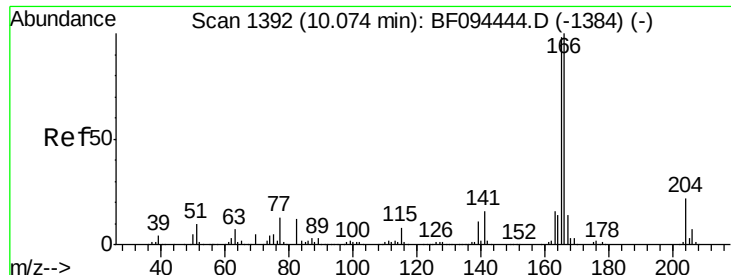
mohammad
4/24/2017 5:12:58 PM



#56
2,4-Dinitrotoluene
Concen: 46.11 ng
RT: 9.65 min Scan# 1312
Delta R.T. -0.00 min
Lab File: BF094563.D
Acq: 21 Apr 2017 15:31

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	191564		
63	43.8	25.4	38.0	
89	66.5	46.4	69.6	
182	2.3	1.8	2.6	





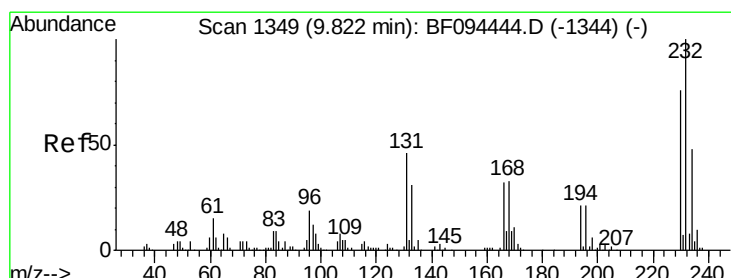
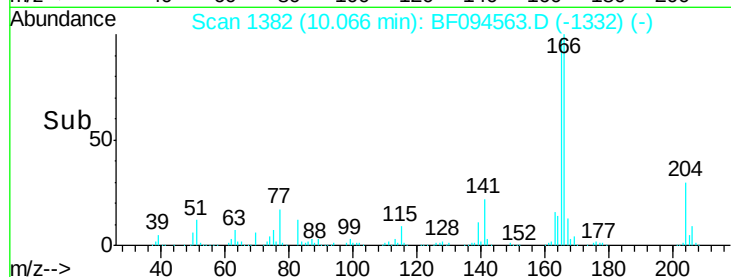
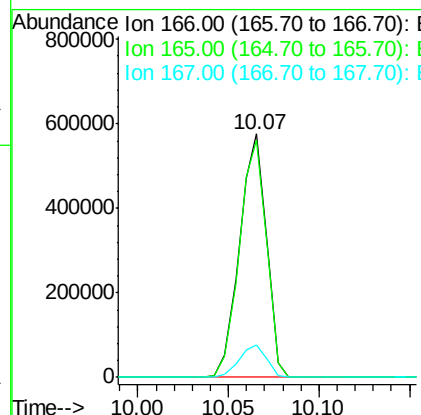
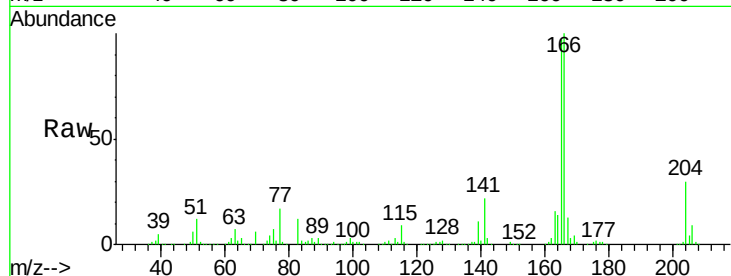
#57
 Fluorene
 Concen: 42.50 ng
 RT: 10.07 min Scan# 1382
 Delta R.T. -0.01 min
 Lab File: BF094563.D
 Acq: 21 Apr 2017 15:31

Instrument :
 BNA_F
 ClientSampleId :
 PB98392BS

Tot Ion	Ratio	Resp	Lower	Upper
166	100	590523		
165	97.4		78.8	118.2
167	13.3		10.6	16.0

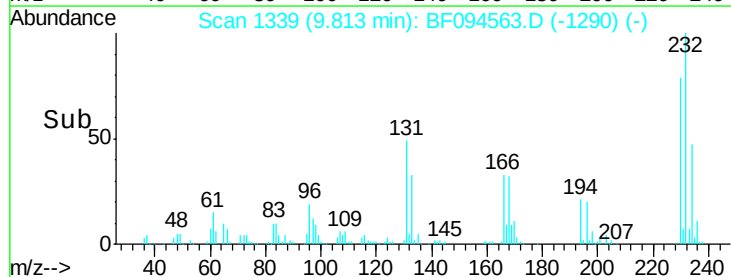
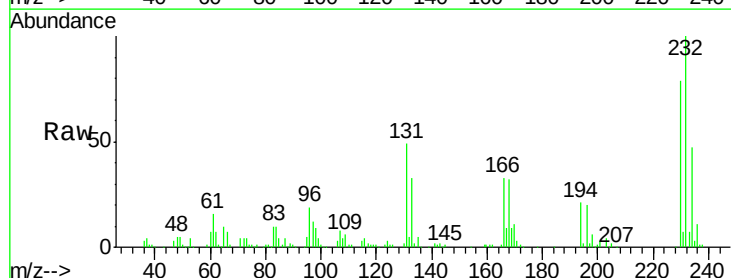
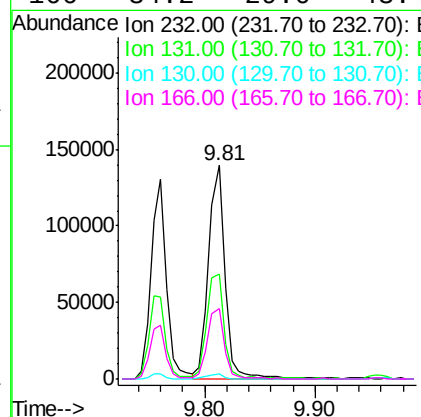
Manual Integrations
 APPROVED

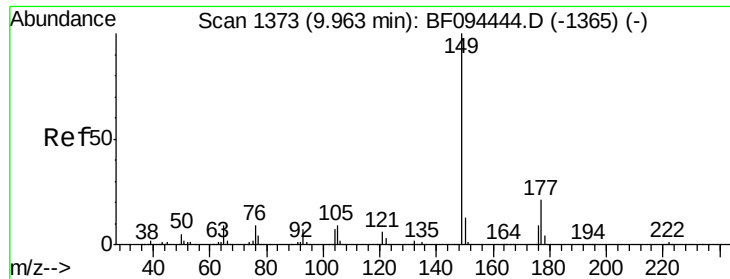
mohammad
 4/24/2017 5:12:58 PM



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 46.81 ng
 RT: 9.81 min Scan# 1339
 Delta R.T. -0.01 min
 Lab File: BF094563.D
 Acq: 21 Apr 2017 15:31

Tgt Ion	Ratio	Resp	Lower	Upper
232	100	139437		
131	50.8		44.8	67.2
130	2.3		2.3	3.5#
166	34.2		29.0	43.4





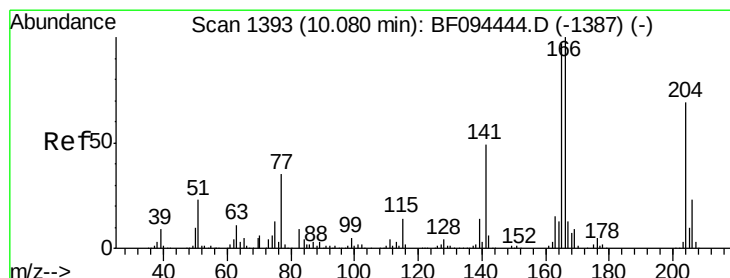
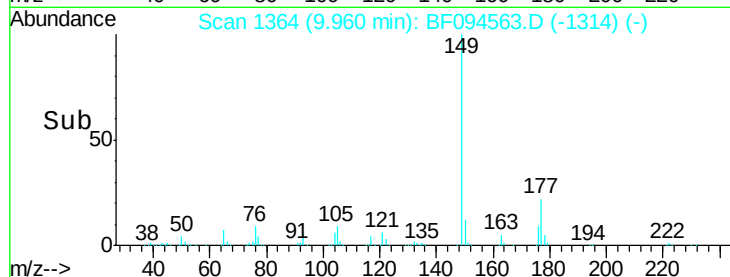
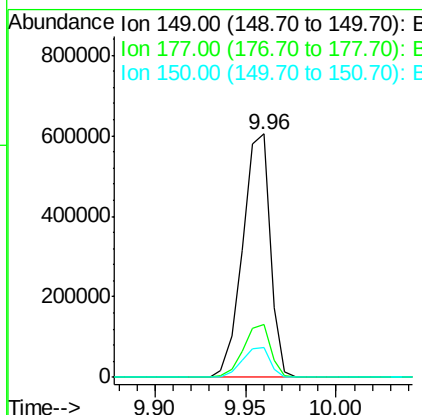
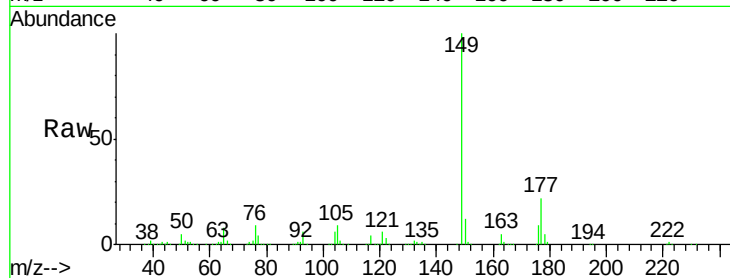
#59
Diethylphthalate
Concen: 44.73 ng
RT: 9.96 min Scan# 1364
Delta R.T. -0.00 min
Lab File: BF094563.D
Acq: 21 Apr 2017 15:31

Instrument :
BNA_F
ClientSampleId :
PB98392BS

Tot Ion	Ratio	Lower	Upper
149	100		
177	21.8	16.7	25.1
150	12.4	10.2	15.2

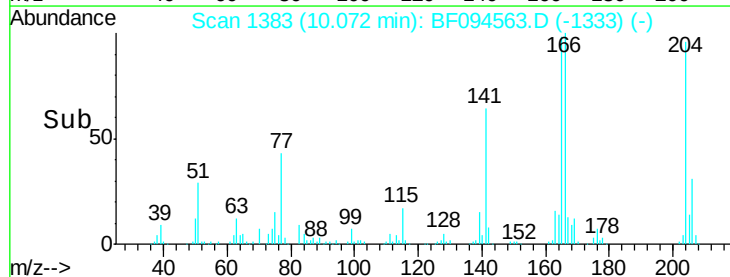
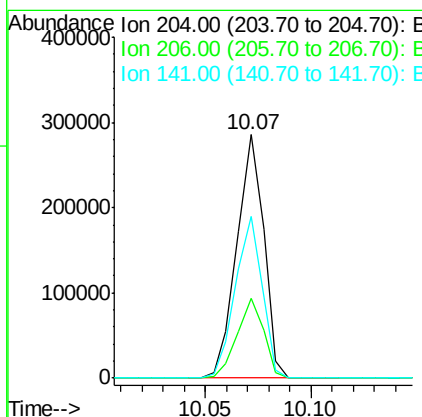
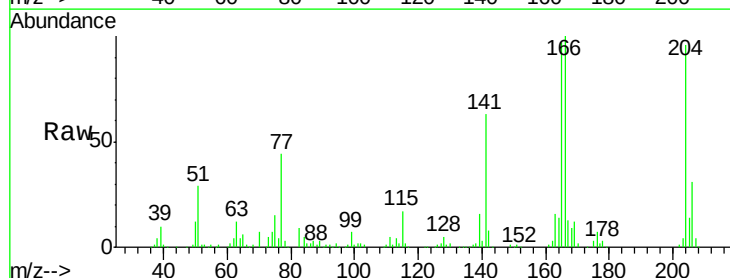
Manual Integrations
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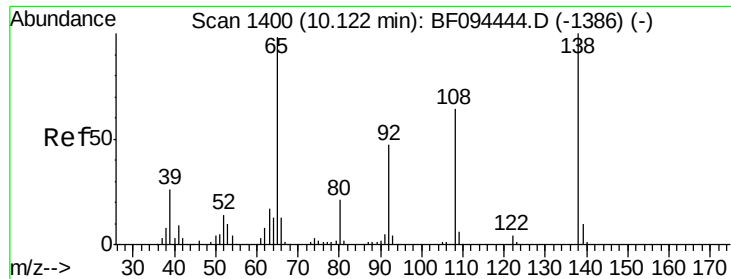
mohammad
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#60
4-Chlorophenyl-phenylether
Concen: 43.56 ng
RT: 10.07 min Scan# 1383
Delta R.T. -0.01 min
Lab File: BF094563.D
Acq: 21 Apr 2017 15:31

Tgt Ion	Ratio	Lower	Upper
204	100		
206	32.7	26.2	39.2
141	66.4	60.8	91.2





#61

4-Nitroaniline

Concen: 38.75 ng

RT: 10.12 min Scan# 1391

Delta R.T. -0.00 min

Lab File: BF094563.D

Acq: 21 Apr 2017 15:31

Instrument :

BNA_F

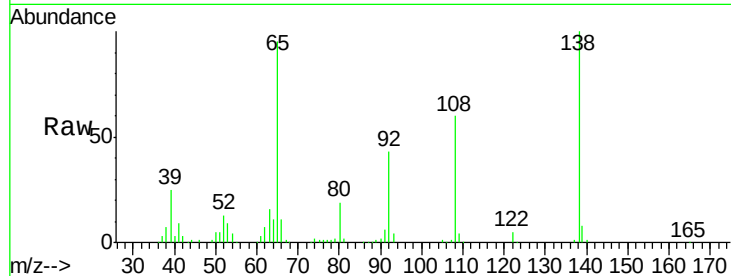
ClientSampleId :

PB98392BS

Tot Ion:	138	Resp:	154286
Ion Ratio	Lower	Upper	
138	100		
92	43.4	21.8	61.8
108	60.5	42.3	82.3

Manual Integrations
APPROVED

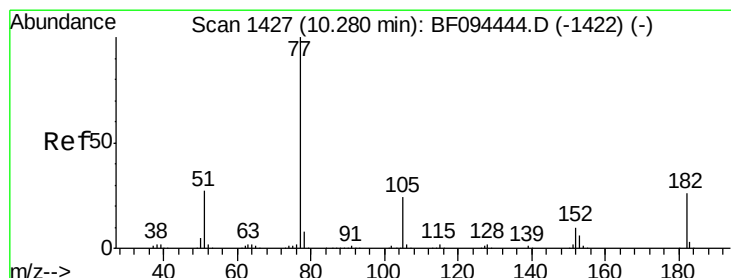
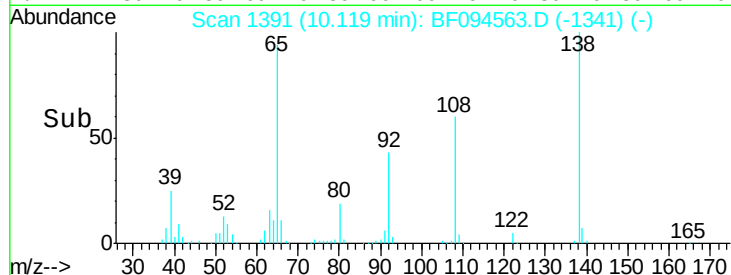
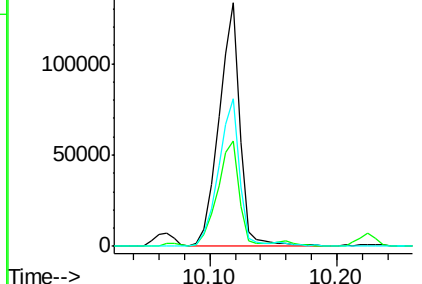
mohammad
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Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 44.71 ng

RT: 10.27 min Scan# 1416

Delta R.T. -0.01 min

Lab File: BF094563.D

Acq: 21 Apr 2017 15:31

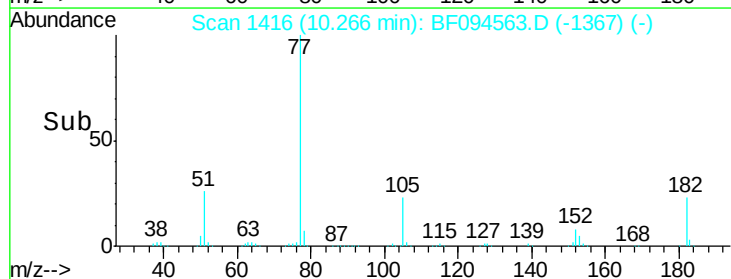
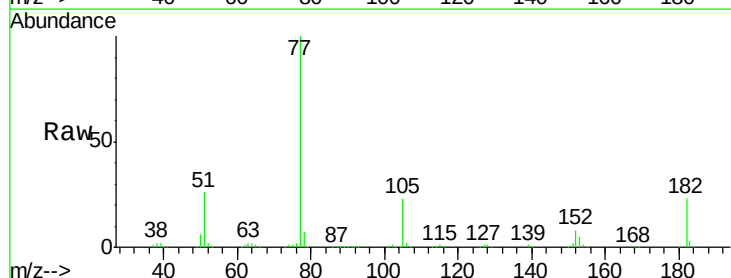
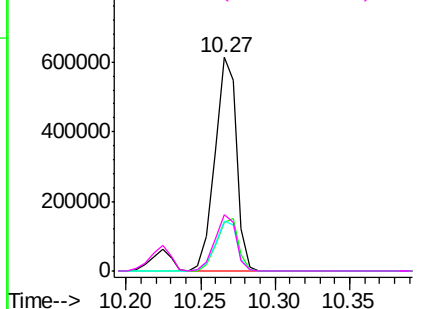
Tgt Ion:	77	Resp:	617816
Ion Ratio	Lower	Upper	
77	100		
182	22.9	0.1	40.1
105	23.4	3.6	43.6
51	26.5	9.4	49.4

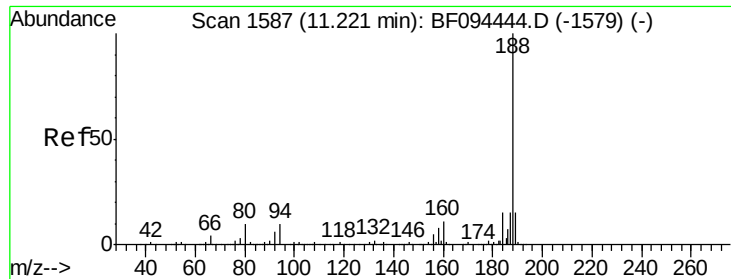
Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0





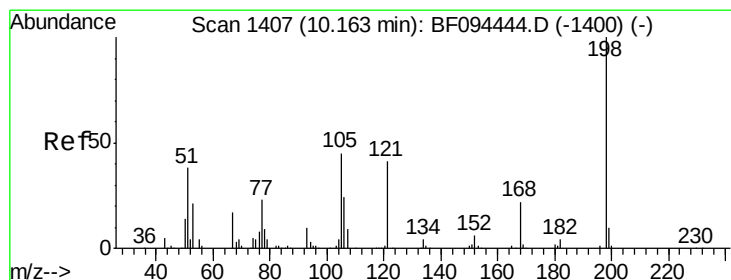
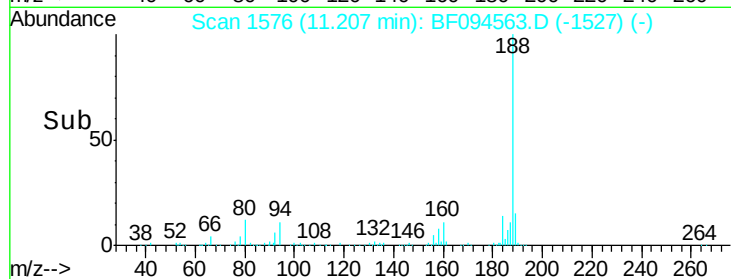
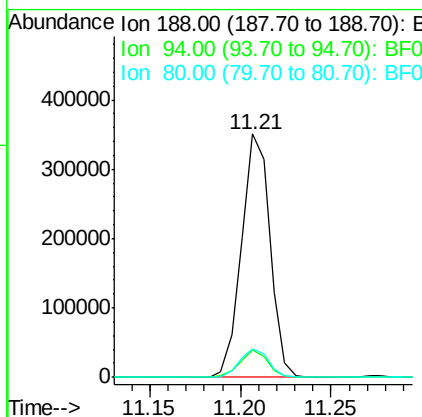
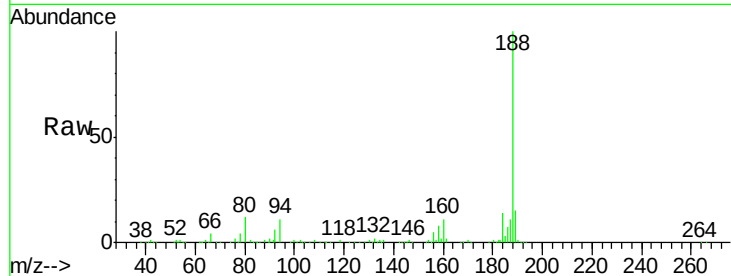
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.21 min Scan# 1576
Delta R.T. -0.01 min
Lab File: BF094563.D
Acq: 21 Apr 2017 15:31

Instrument :
BNA_F
ClientSampleId :
PB98392BS

Tot Ion	Ratio	Resp	Lower	Upper
188	100	382688		
94	11.0		9.4	14.2
80	11.8		10.2	15.2

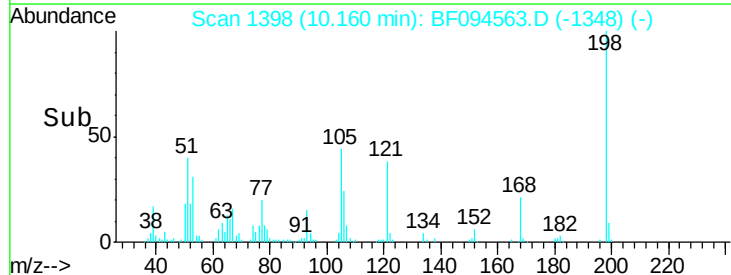
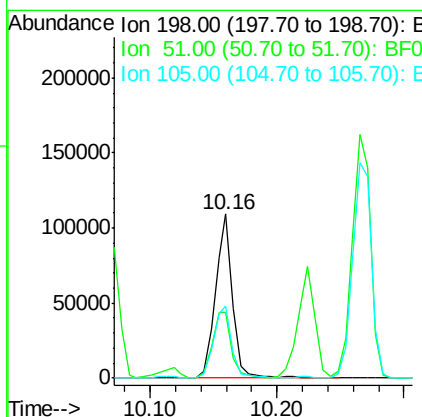
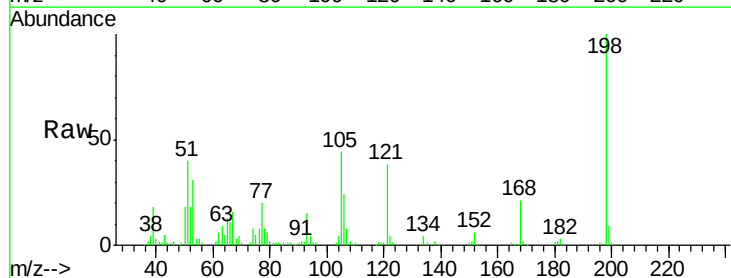
Manual Integrations
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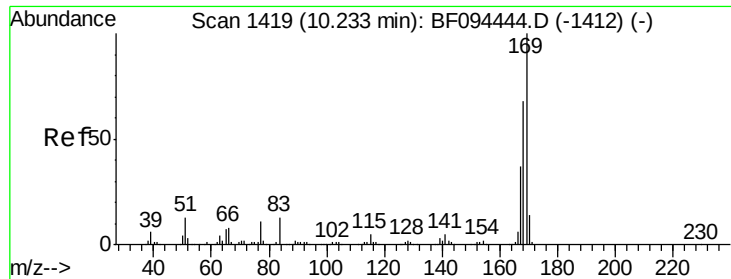
mohammad
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#64
4,6-Dinitro-2-methylphenol
Concen: 41.35 ng
RT: 10.16 min Scan# 1398
Delta R.T. -0.00 min
Lab File: BF094563.D
Acq: 21 Apr 2017 15:31

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	103681		
51	39.7		53.2	93.2#
105	44.2		45.8	85.8#





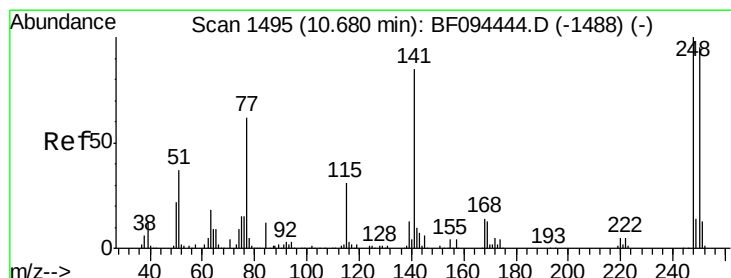
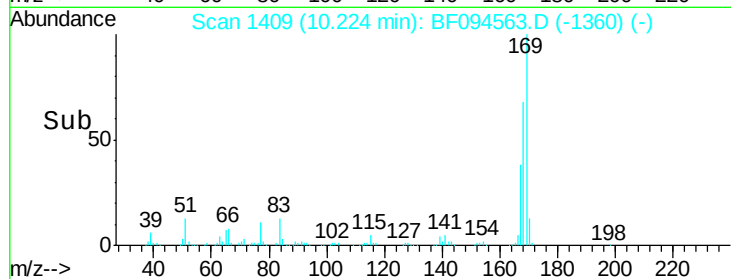
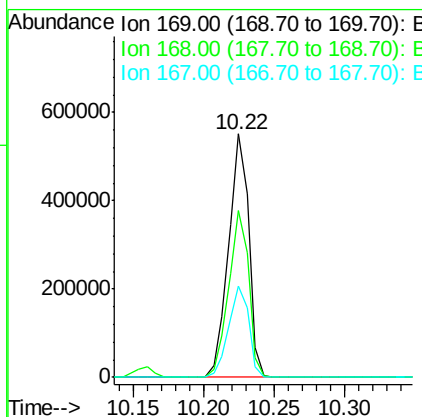
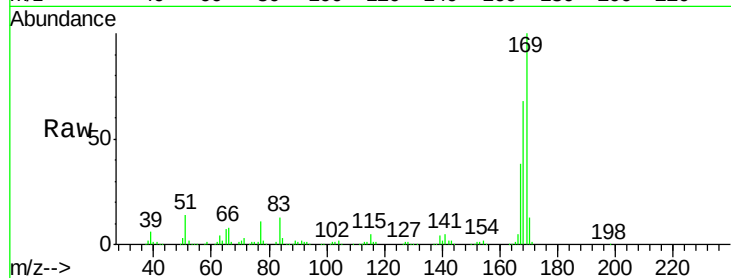
#65
n-Nitrosodiphenylamine
Concen: 41.24 ng
RT: 10.22 min Scan# 1409
Delta R.T. -0.01 min
Lab File: BF094563.D
Acq: 21 Apr 2017 15:31

Instrument :
BNA_F
ClientSampleId :
PB98392BS

Tot Ion	Ratio	Resp	Lower	Upper
169	100	548898		
168	68.4	53.2	79.8	
167	37.6	29.5	44.3	

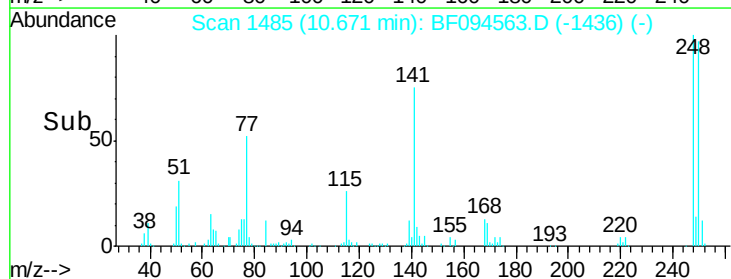
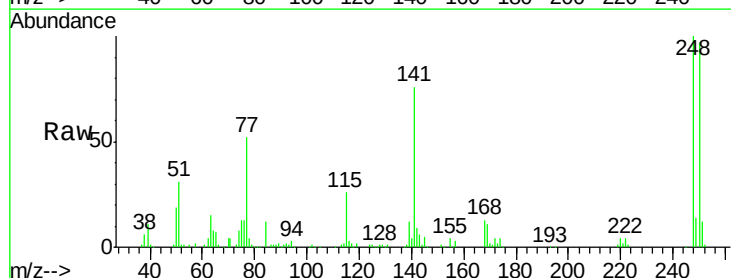
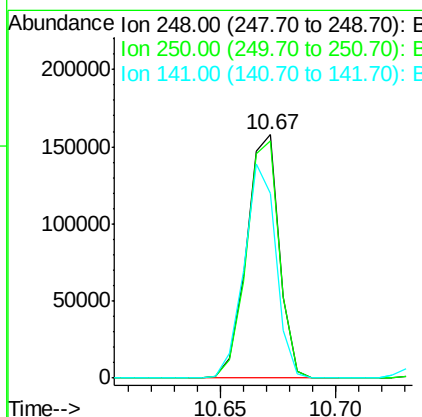
Manual Integrations
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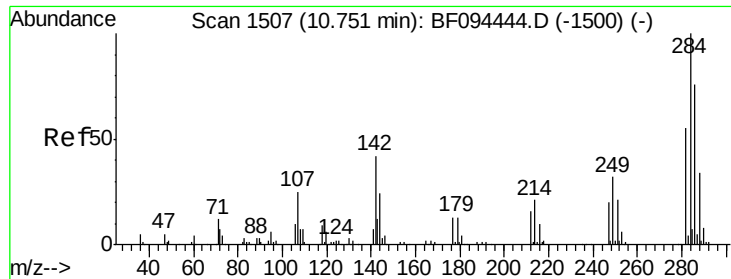
mohammad
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#66
4-Bromophenyl-phenylether
Concen: 40.99 ng
RT: 10.67 min Scan# 1485
Delta R.T. -0.01 min
Lab File: BF094563.D
Acq: 21 Apr 2017 15:31

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	155751		
250	97.4	76.8	115.2	
141	75.9	68.6	103.0	





#67

Hexachlorobenzene

Concen: 40.53 ng

RT: 10.74 min Scan# 1497

Delta R.T. -0.01 min

Lab File: BF094563.D

Acq: 21 Apr 2017 15:31

Instrument :

BNA_F

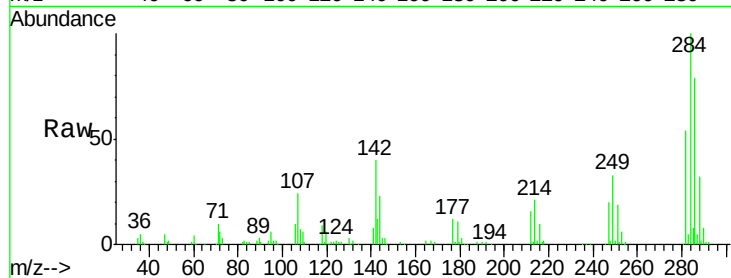
ClientSampleId :

PB98392BS

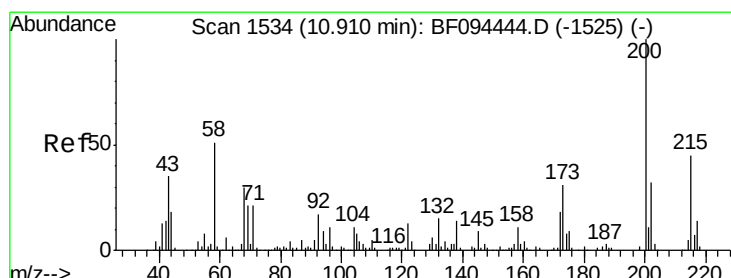
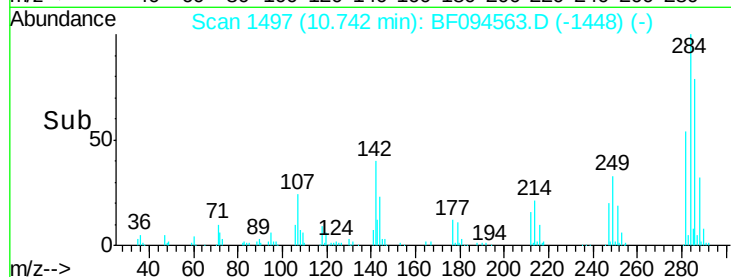
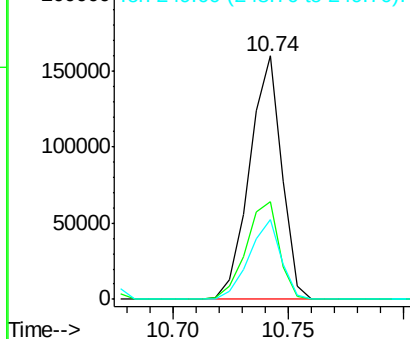
Tot Ion:	284	Resp:	155212
Ion Ratio	Lower	Upper	
284	100		
142	40.2	22.8	34.2#
249	32.7	24.0	36.0

Manual Integrations
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Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 43.67 ng

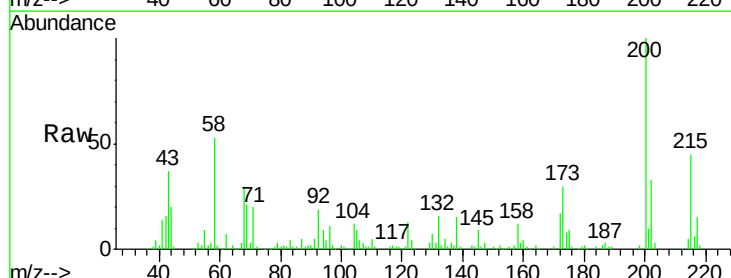
RT: 10.90 min Scan# 1524

Delta R.T. -0.01 min

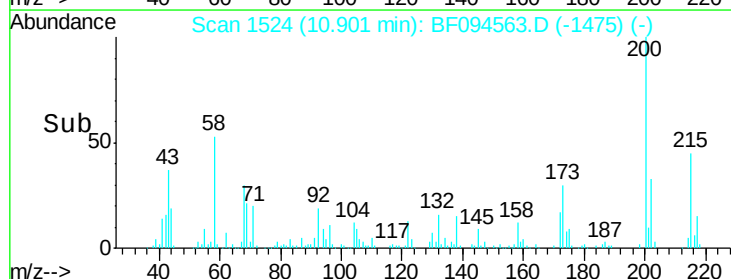
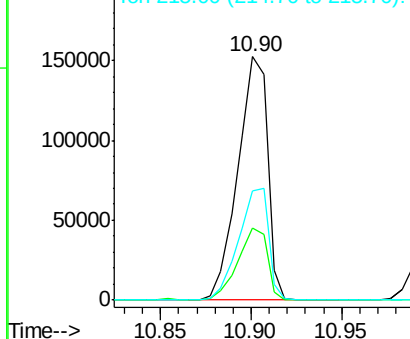
Lab File: BF094563.D

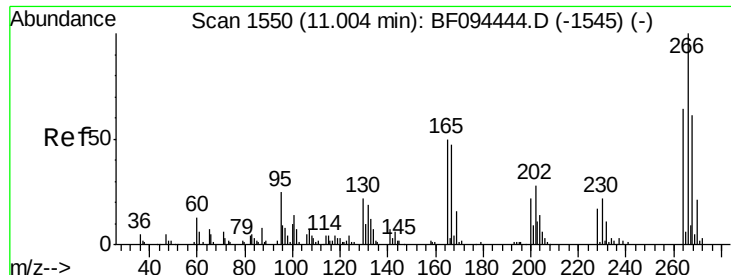
Acq: 21 Apr 2017 15:31

Tgt Ion:	200	Resp:	173864
Ion Ratio	Lower	Upper	
200	100		
173	29.6	6.3	46.3
215	44.7	27.2	67.2



Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E





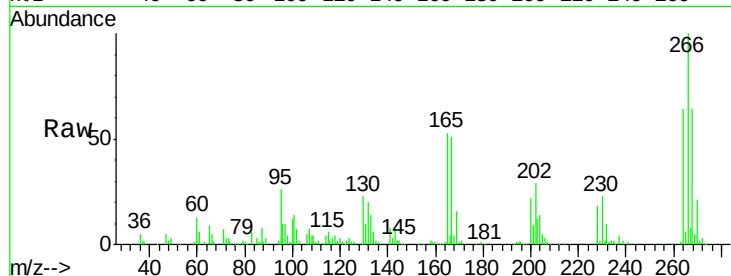
#69
 Pentachlorophenol
 Concen: 104.68 ng
 RT: 10.99 min Scan# 1540
 Delta R.T. -0.01 min
 Lab File: BF094563.D
 Acq: 21 Apr 2017 15:31

Instrument :
 BNA_F
 ClientSampleId :
 PB98392BS

Tot Ion	Ratio	Resp	Lower	Upper
266	100	159179		
268	64.1	51.1	76.7	
264	63.8	51.7	77.5	

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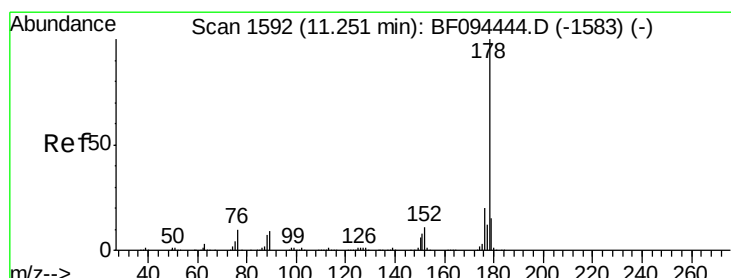
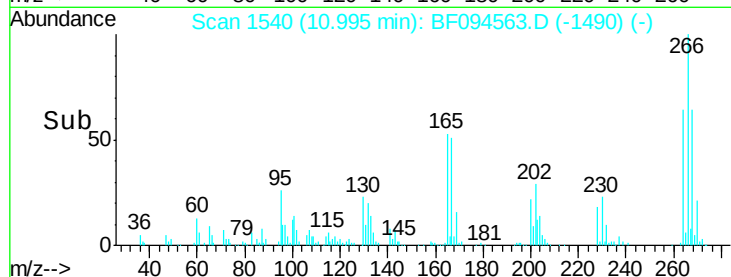
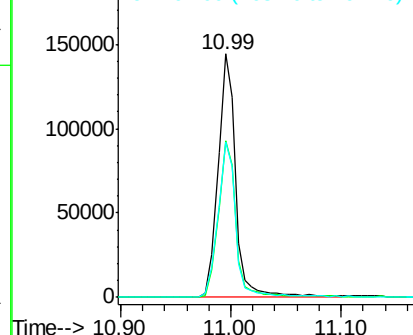


Abundance

Ion 265.70 (265.40 to 266.40): E

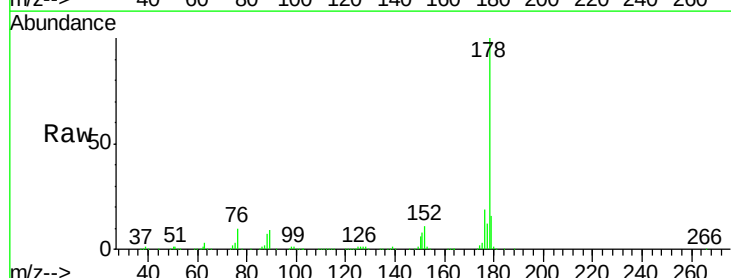
Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E



#70
 Phenanthrene
 Concen: 41.20 ng
 RT: 11.24 min Scan# 1582
 Delta R.T. -0.01 min
 Lab File: BF094563.D
 Acq: 21 Apr 2017 15:31

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	887938		
176	19.3	16.2	24.4	
179	15.5	12.6	19.0	

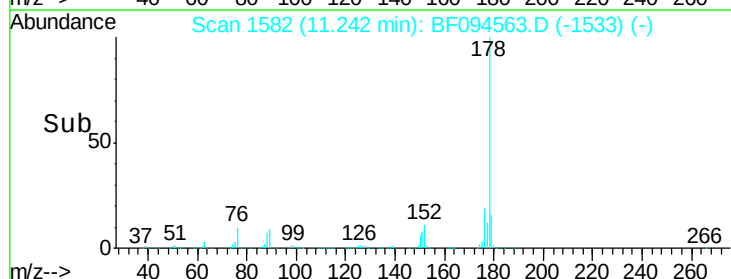
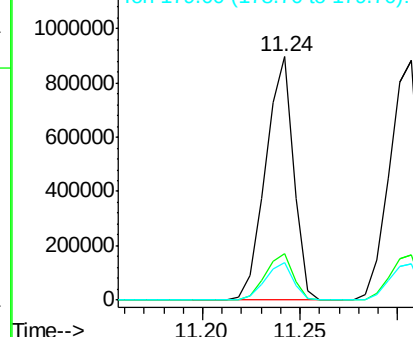


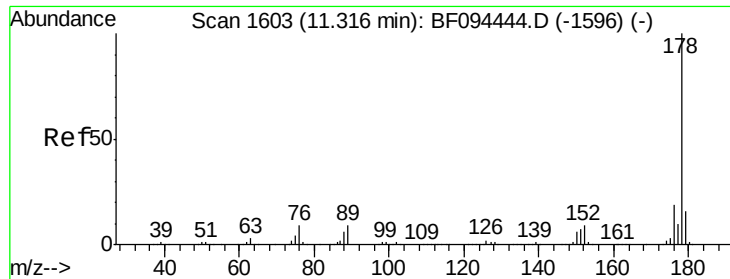
Abundance

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





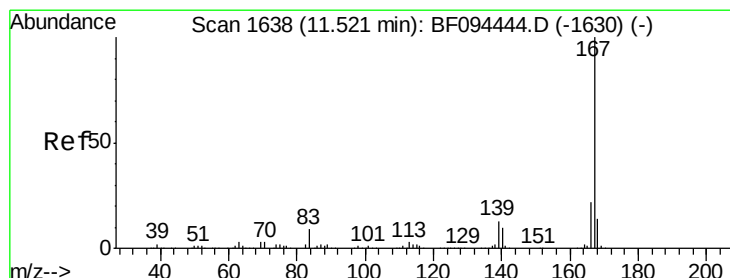
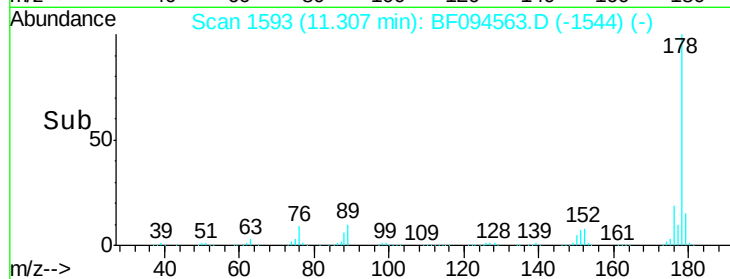
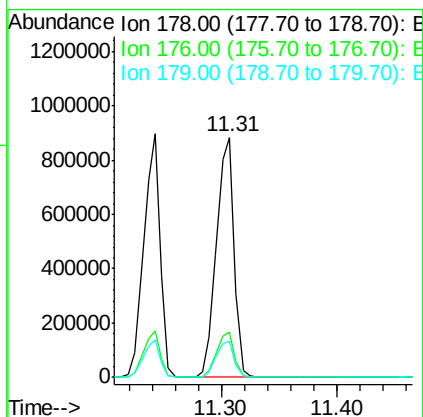
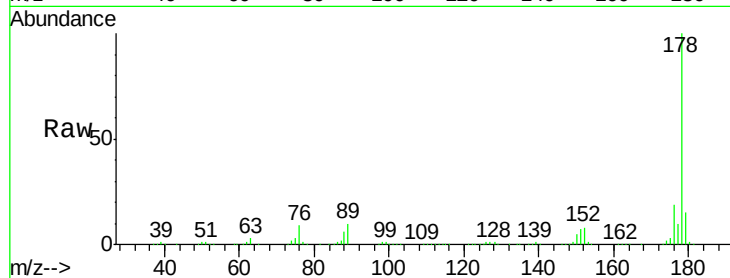
#71
 Anthracene
 Concen: 41.98 ng
 RT: 11.31 min Scan# 1593
 Delta R.T. -0.01 min
 Lab File: BF094563.D
 Acq: 21 Apr 2017 15:31

Instrument :
 BNA_F
 ClientSampleId :
 PB98392BS

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.6	15.8	23.8
179	15.0	12.7	19.1

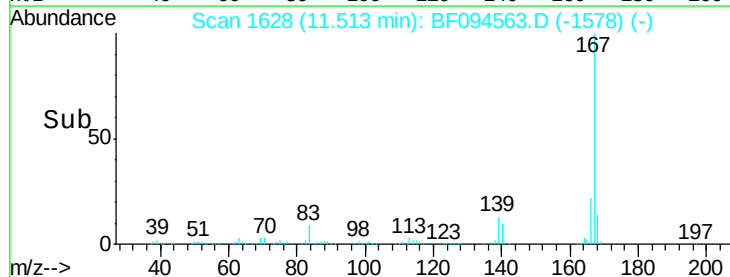
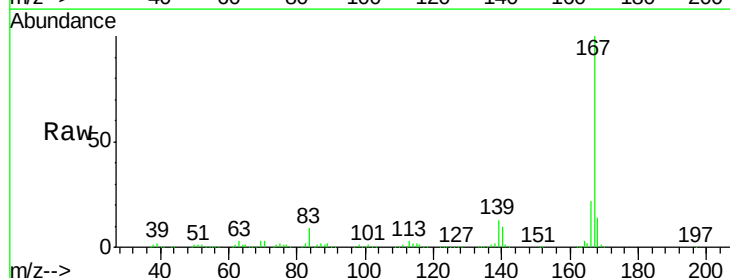
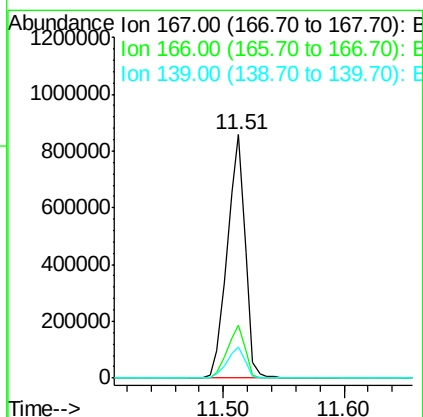
Manual Integrations
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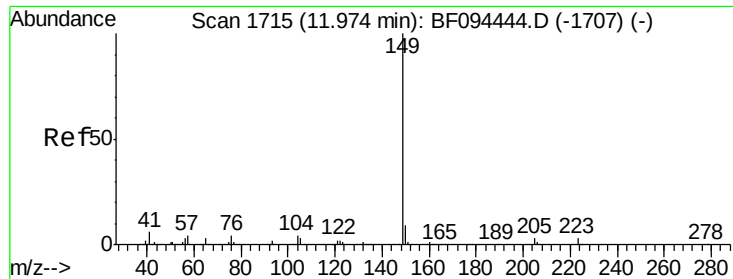
mohammad
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#72
 Carbazole
 Concen: 42.09 ng
 RT: 11.51 min Scan# 1628
 Delta R.T. -0.01 min
 Lab File: BF094563.D
 Acq: 21 Apr 2017 15:31

Tgt Ion	Ratio	Lower	Upper
167	100		
166	21.9	18.1	27.1
139	12.8	11.7	17.5





#73

Di-n-butylphthalate

Concen: 46.70 ng

RT: 11.97 min Scan# 1705

Delta R.T. -0.01 min

Lab File: BF094563.D

Acq: 21 Apr 2017 15:31

Instrument :

BNA_F

ClientSampleId :

PB98392BS

Tot Ion:149 Resp: 1075797

Ion Ratio Lower Upper

149 100

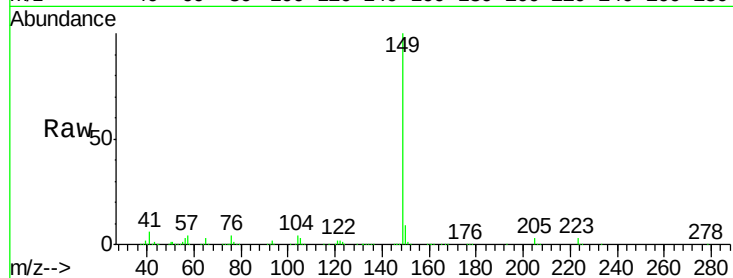
150 9.2 7.7 11.5

104 4.2 4.0 6.0

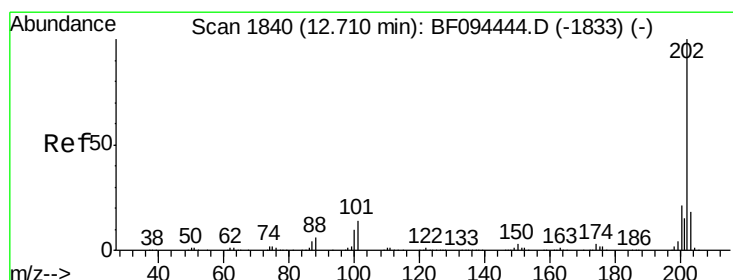
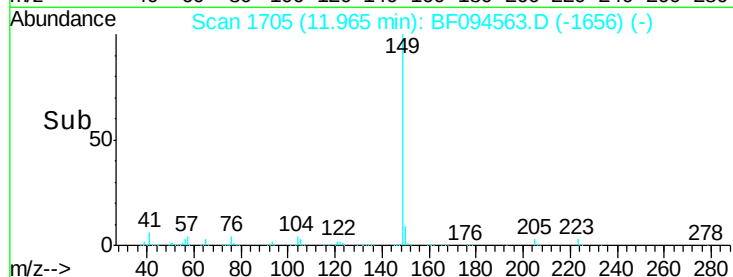
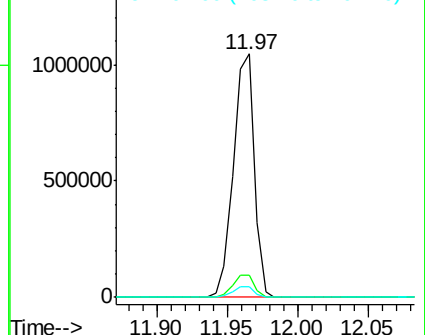
Manual Integrations
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Abundance Ion 149.00 (148.70 to 149.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 42.87 ng

RT: 12.70 min Scan# 1830

Delta R.T. -0.01 min

Lab File: BF094563.D

Acq: 21 Apr 2017 15:31

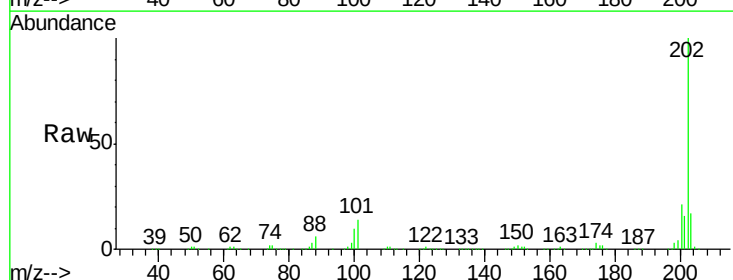
Tgt Ion:202 Resp: 957408

Ion Ratio Lower Upper

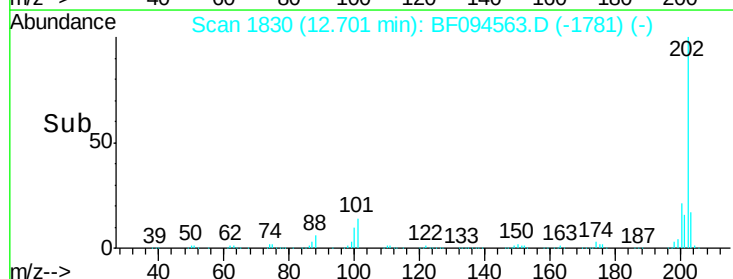
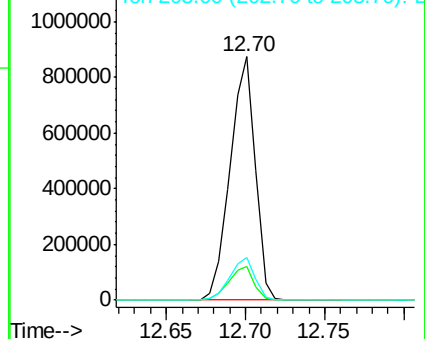
202 100

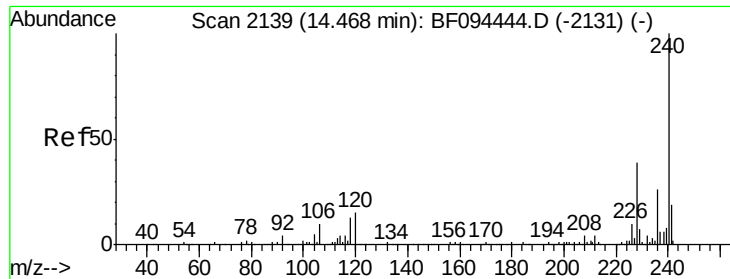
101 13.7 0.0 33.2

203 17.3 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





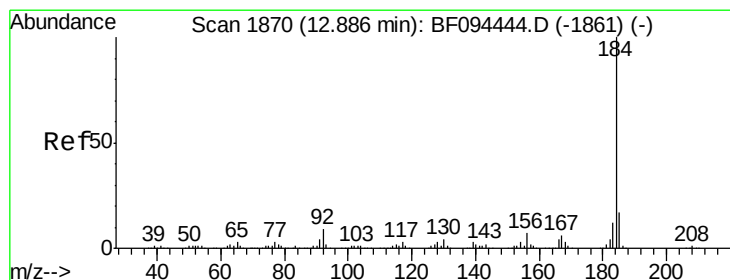
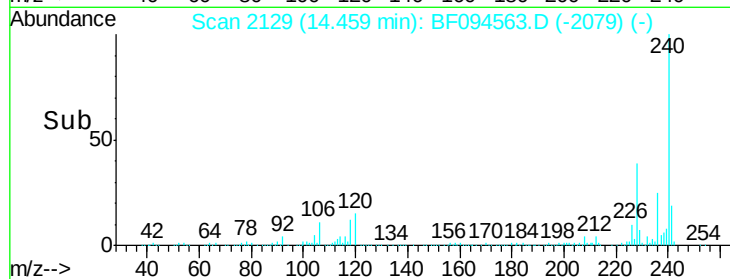
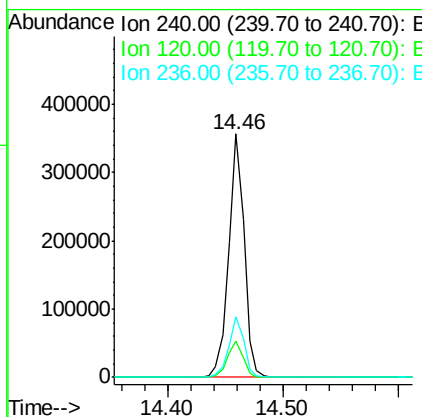
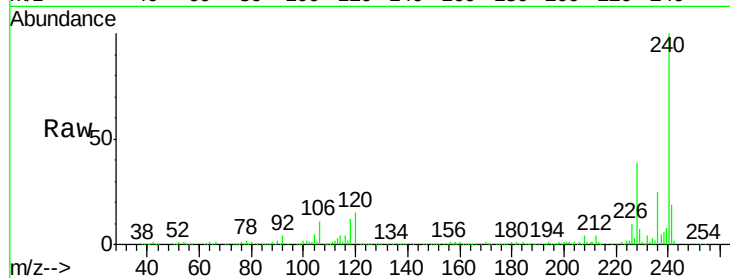
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.46 min Scan# 2129
Delta R.T. -0.01 min
Lab File: BF094563.D
Acq: 21 Apr 2017 15:31

Instrument :
BNA_F
ClientSampleId :
PB98392BS

Tot Ion	Ratio	Lower	Upper
240	100		
120	14.8	5.8	8.8#
236	24.8	20.5	30.7

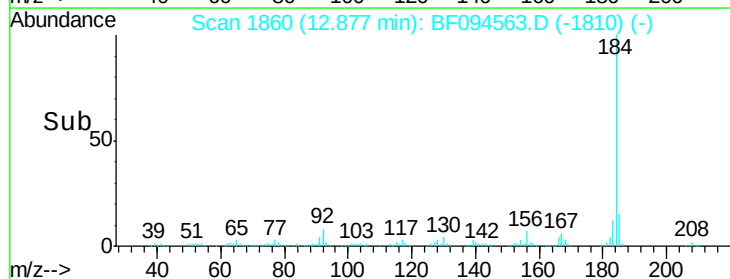
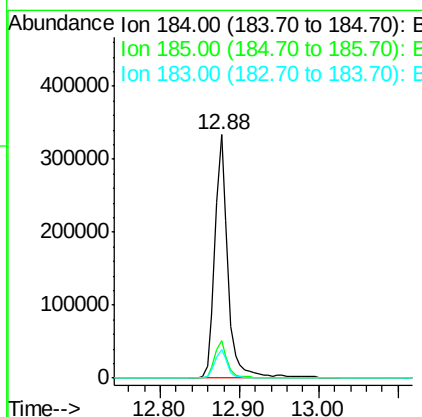
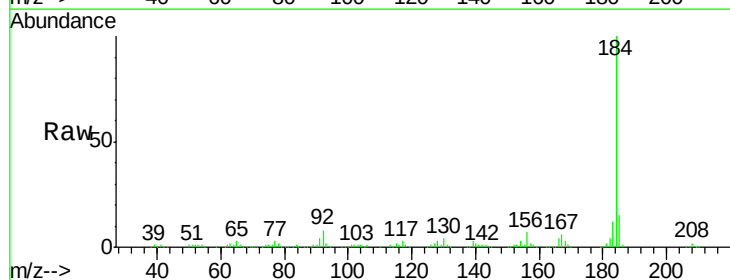
Manual Integrations
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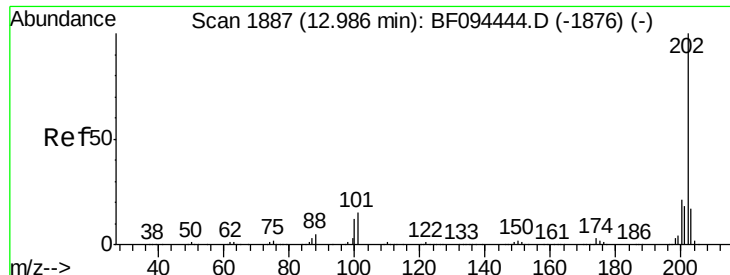
mohammad
4/24/2017 5:12:58 PM



#76
Benzidine
Concen: 28.56 ng
RT: 12.88 min Scan# 1860
Delta R.T. -0.01 min
Lab File: BF094563.D
Acq: 21 Apr 2017 15:31

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





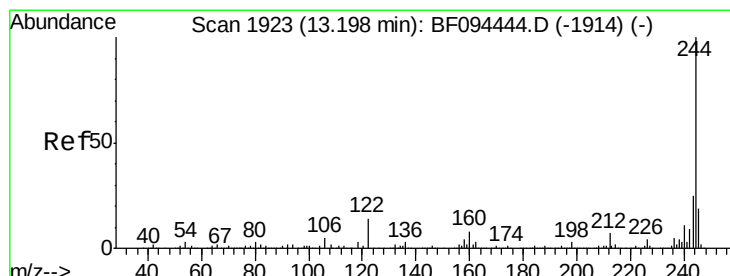
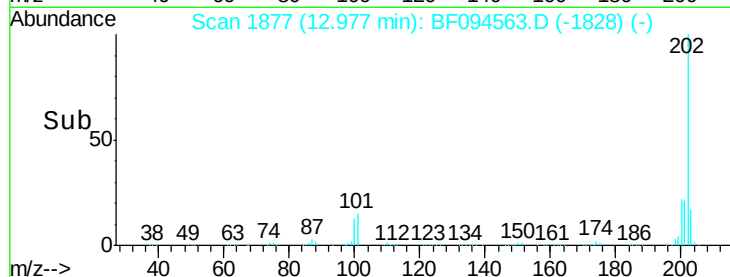
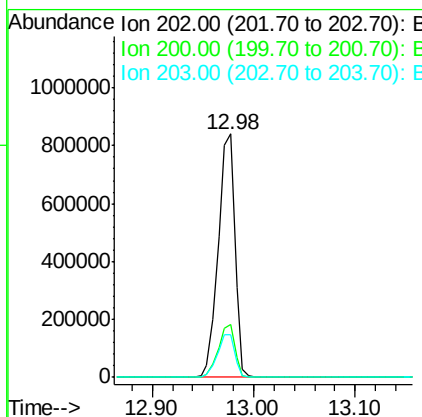
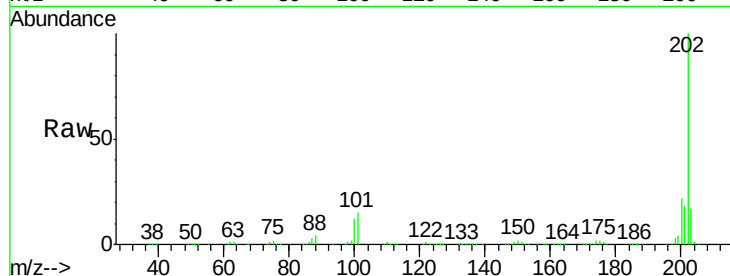
#77
Pvrene
Concen: 41.57 ng
RT: 12.98 min Scan# 1877
Delta R.T. -0.01 min
Lab File: BF094563.D
Acq: 21 Apr 2017 15:31

Instrument :
BNA_F
ClientSampleId :
PB98392BS

Tot Ion	Ratio	Resp Lower	Upper
202	100		
200	21.8	17.6	26.4
203	17.3	14.4	21.6

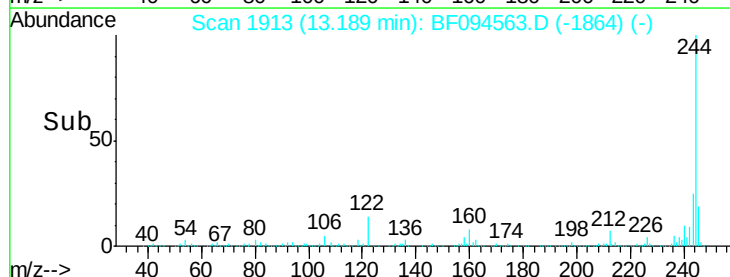
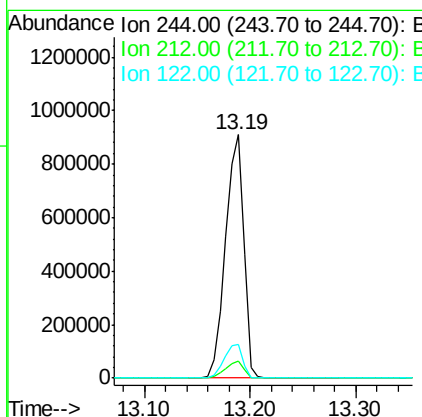
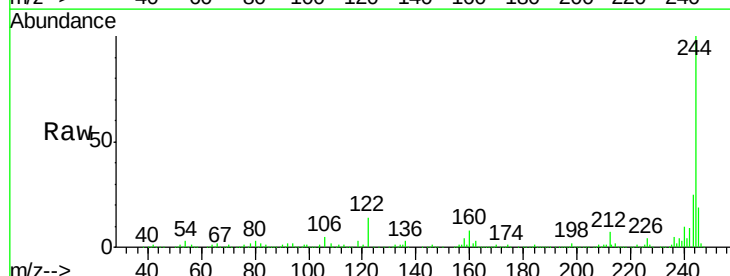
Manual Integrations
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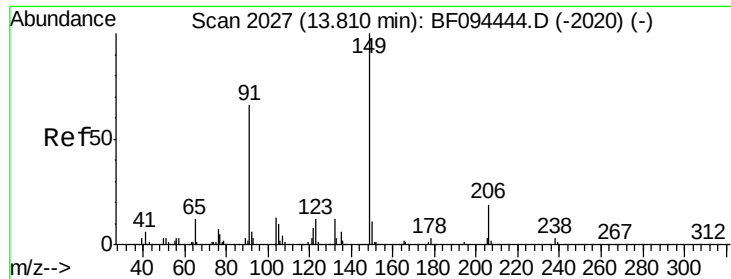
mohammad
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#78
Terphenyl-d14
Concen: 87.79 ng
RT: 13.19 min Scan# 1913
Delta R.T. -0.01 min
Lab File: BF094563.D
Acq: 21 Apr 2017 15:31

Tgt Ion	Ratio	Resp Lower	Upper
244	100		
212	6.9	6.0	9.0
122	13.7	10.3	15.5





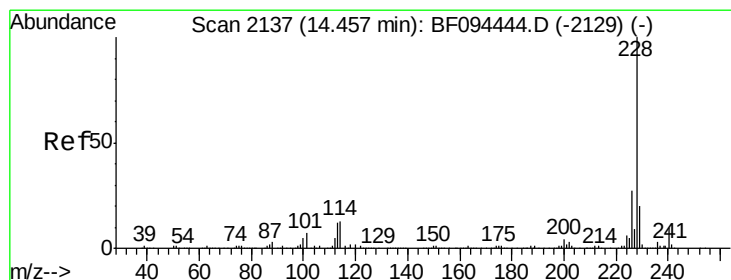
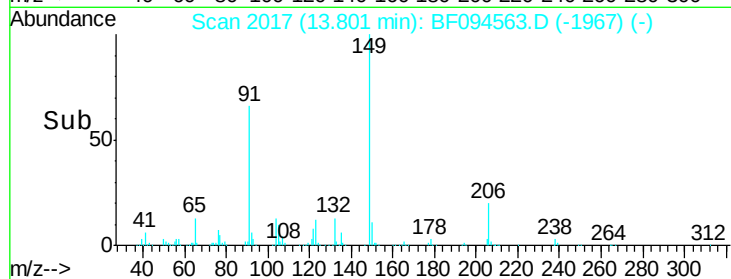
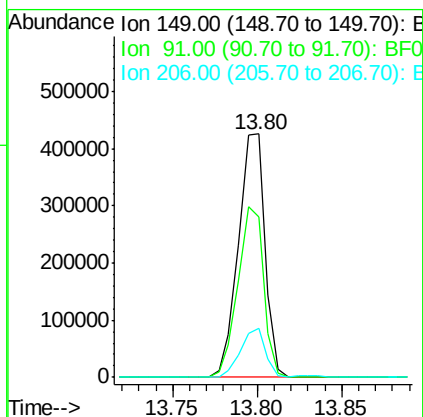
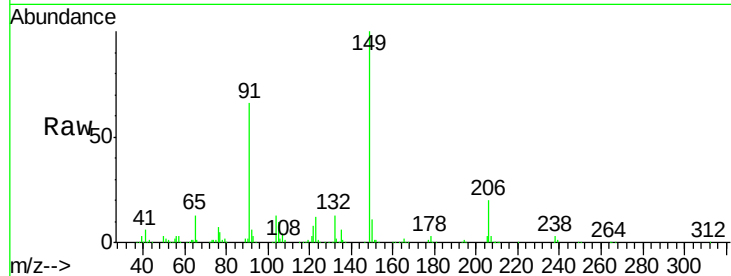
#79
Butylbenzylphthalate
Concen: 46.34 ng
RT: 13.80 min Scan# 2017
Delta R.T. -0.01 min
Lab File: BF094563.D
Acq: 21 Apr 2017 15:31

Instrument :
BNA_F
ClientSampleID :
PB98392BS

Tot Ion	Ratio	Lower	Upper
149	100		
91	66.1	45.0	67.4
206	20.2	17.0	25.6

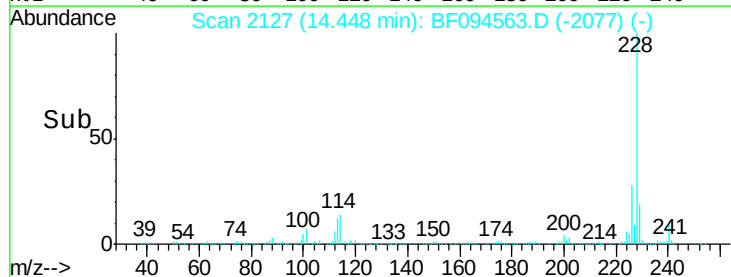
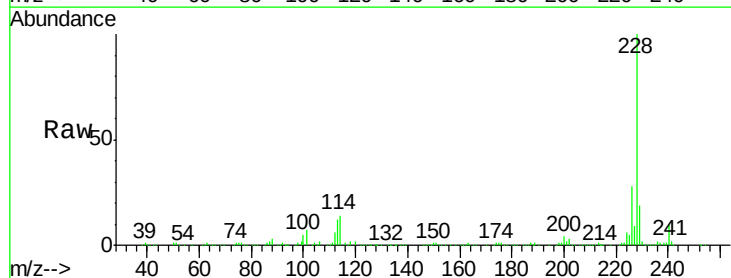
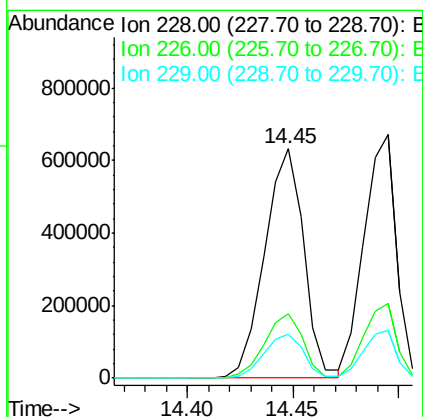
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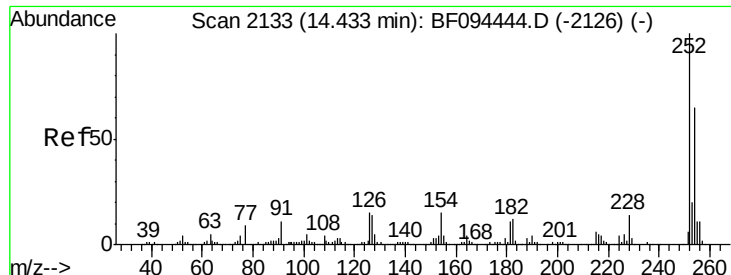
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#80
Benzo(a)anthracene
Concen: 42.11 ng
RT: 14.45 min Scan# 2127
Delta R.T. -0.01 min
Lab File: BF094563.D
Acq: 21 Apr 2017 15:31

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.3	22.6	33.8
229	19.4	16.3	24.5





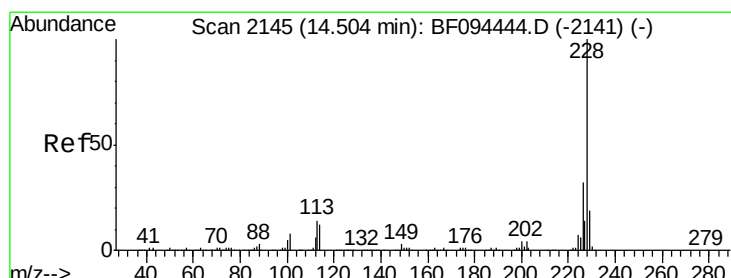
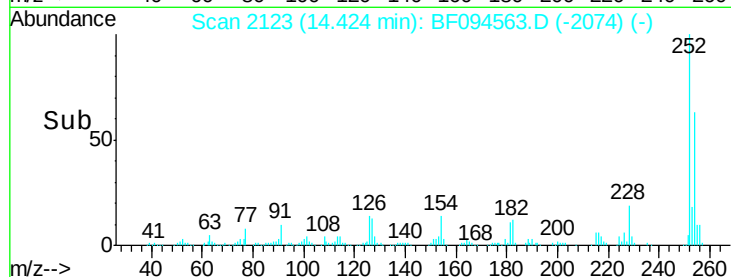
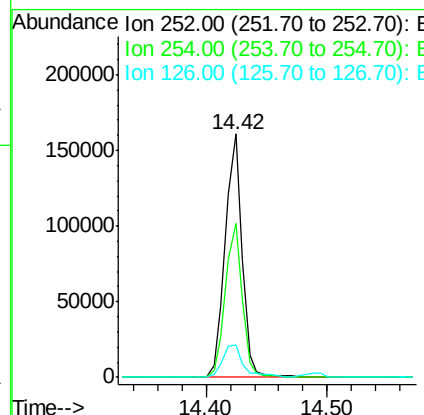
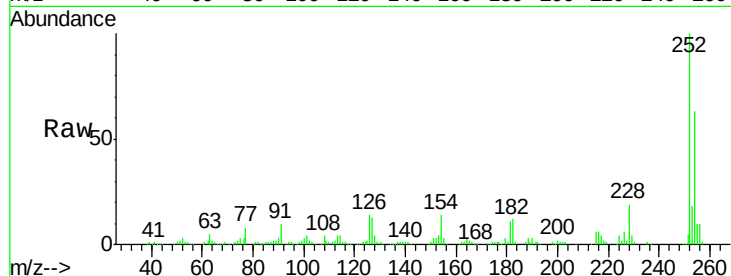
#81
 3,3'-Dichlorobenzidine
 Concen: 22.84 ng
 RT: 14.42 min Scan# 2123
 Delta R.T. -0.01 min
 Lab File: BF094563.D
 Acq: 21 Apr 2017 15:31

Instrument :
 BNA_F
 ClientSampleId :
 PB98392BS

Tot Ion	Ratio	Resp	Lower	Upper
252	100	155854		
254	63.2	51.5	77.3	
126	13.6	15.8	23.8	

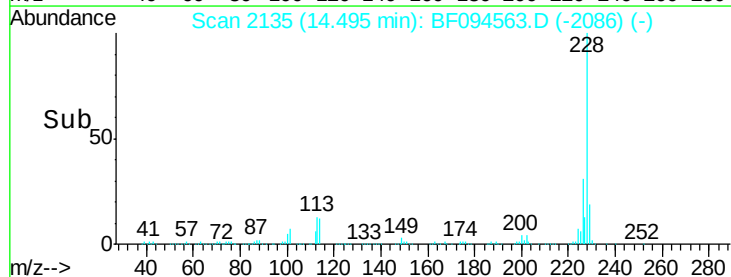
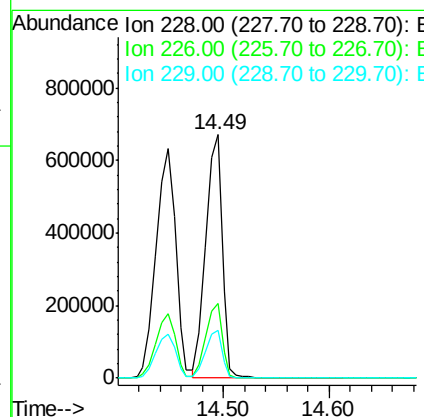
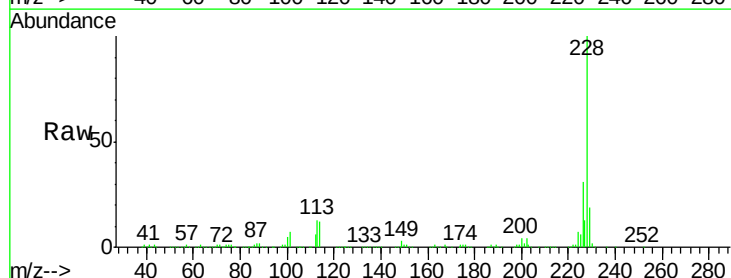
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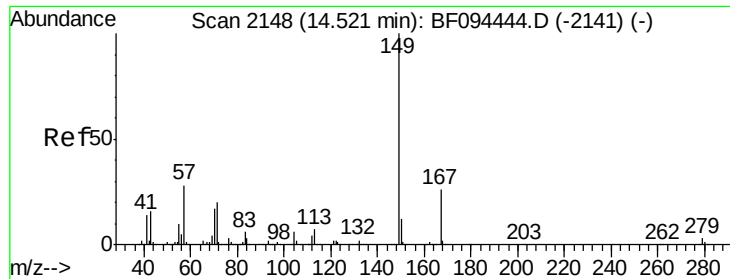
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#82
 Chrysene
 Concen: 41.18 ng
 RT: 14.49 min Scan# 2135
 Delta R.T. -0.01 min
 Lab File: BF094563.D
 Acq: 21 Apr 2017 15:31

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	725433		
226	30.5	24.9	37.3	
229	19.4	15.8	23.6	





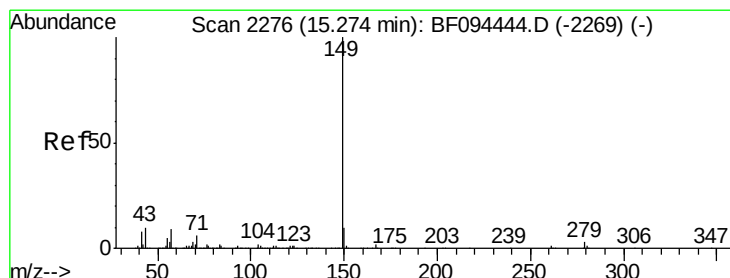
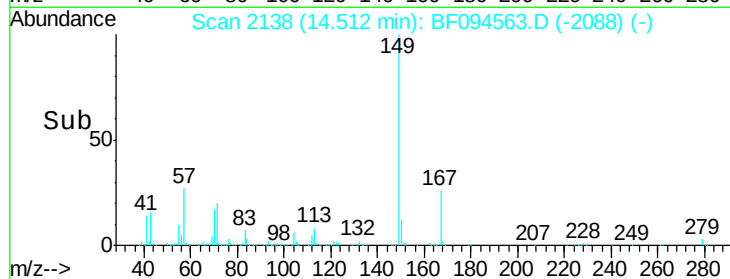
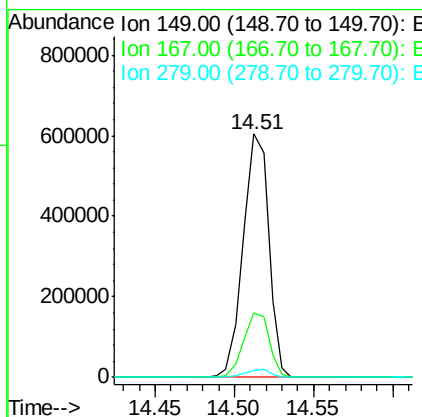
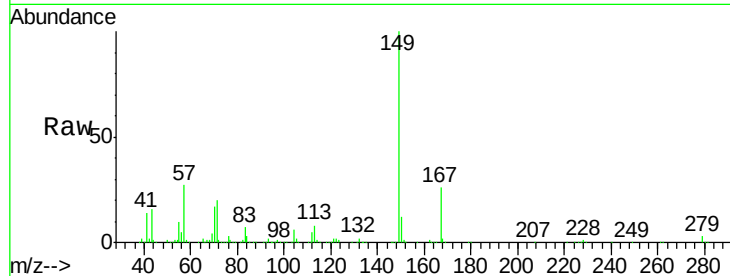
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 49.71 ng
 RT: 14.51 min Scan# 2138
 Delta R.T. -0.01 min
 Lab File: BF094563.D
 Acq: 21 Apr 2017 15:31

Instrument :
 BNA_F
 ClientSampleId :
 PB98392BS

Tot Ion	Ratio	Lower	Upper
149	100		
167	26.2	21.0	31.4
279	3.0	1.9	2.9#

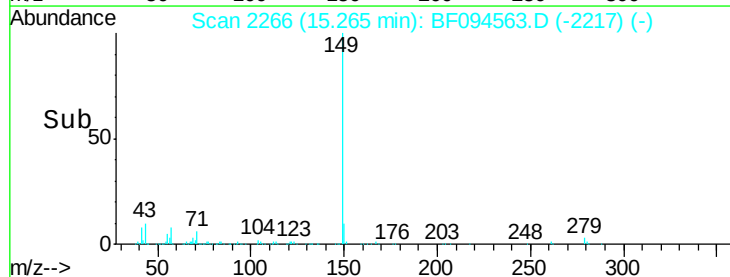
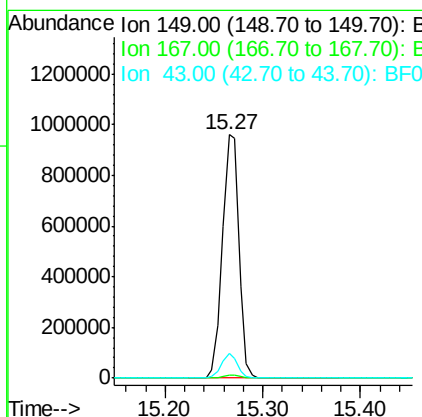
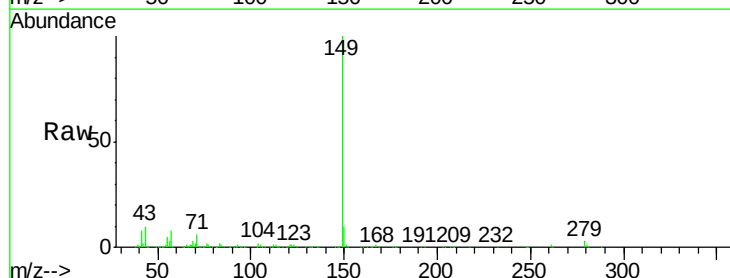
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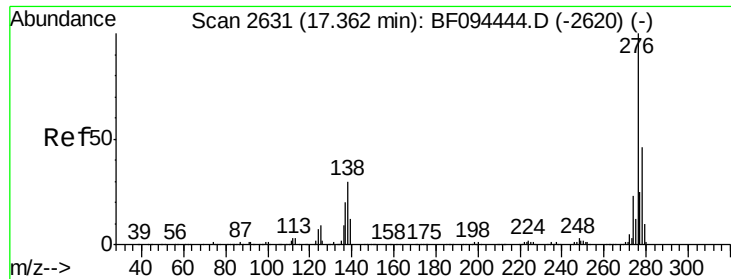
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#84
 Di-n-octyl phthalate
 Concen: 49.22 ng
 RT: 15.27 min Scan# 2266
 Delta R.T. -0.01 min
 Lab File: BF094563.D
 Acq: 21 Apr 2017 15:31

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.2	1.8
43	9.4	8.5	12.7





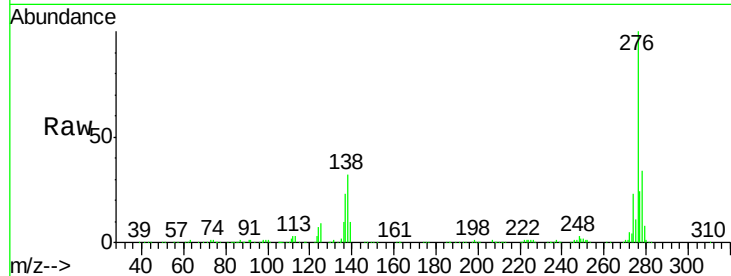
#85
Indeno(1,2,3-cd)pyrene
Concen: 40.20 ng
RT: 17.35 min Scan# 2621
Delta R.T. -0.01 min
Lab File: BF094563.D
Acq: 21 Apr 2017 15:31

Instrument :
BNA_F
ClientSampleId :
PB98392BS

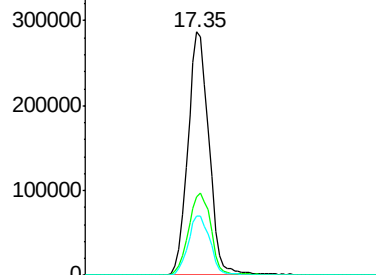
Tot Ion	Ratio	Lower	Upper
276	100		
138	35.8	27.8	41.6
277	25.5	20.2	30.4

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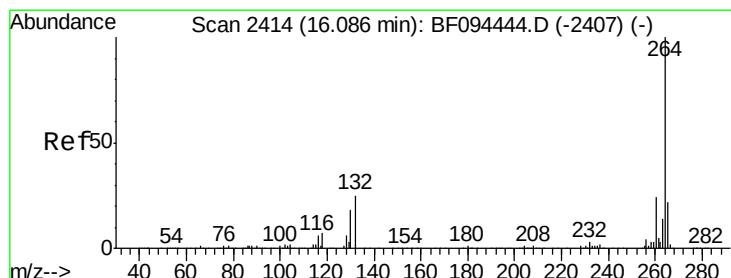
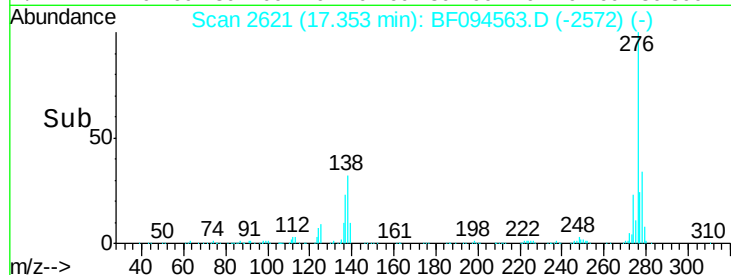
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Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E

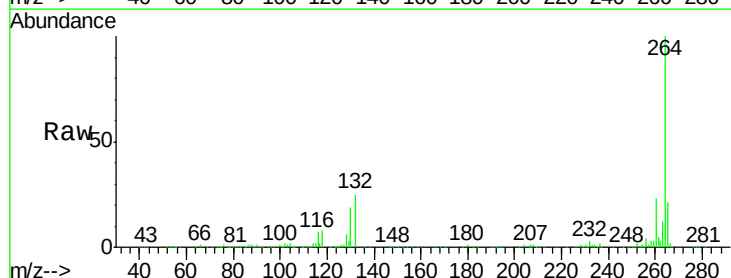


Time-->

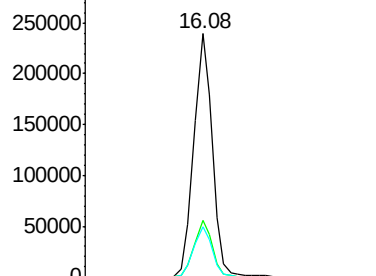


#86
Perylene-d12
Concen: 20.00 ng
RT: 16.08 min Scan# 2404
Delta R.T. -0.01 min
Lab File: BF094563.D
Acq: 21 Apr 2017 15:31

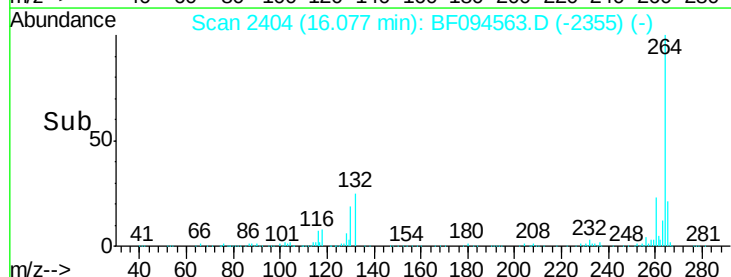
Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.1	19.5	29.3
265	20.7	17.2	25.8

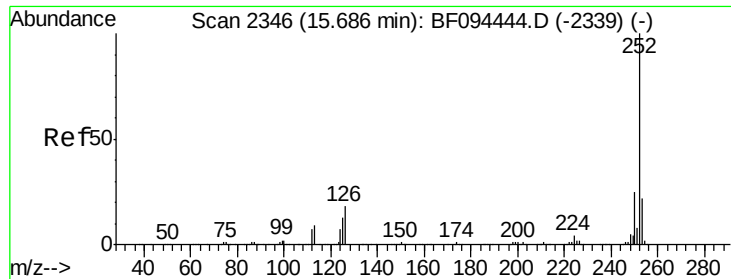


Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E



Time-->





#87

Benzo(b)fluoranthene

Concen: 42.75 ng

RT: 15.68 min Scan# 2337

Delta R.T. -0.00 min

Lab File: BF094563.D

Acq: 21 Apr 2017 15:31

Instrument :

BNA_F

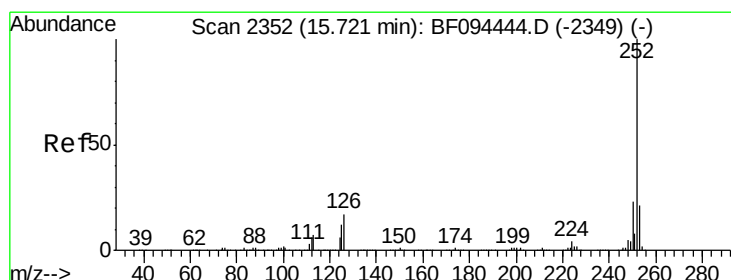
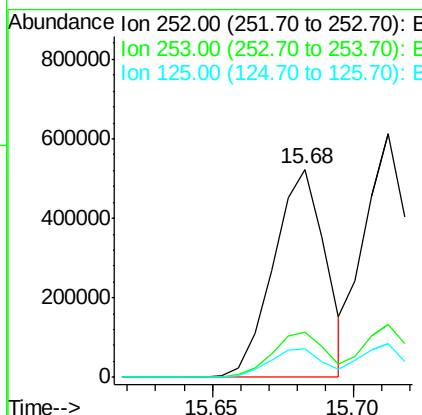
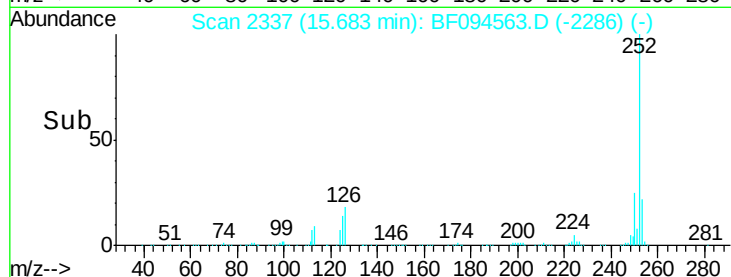
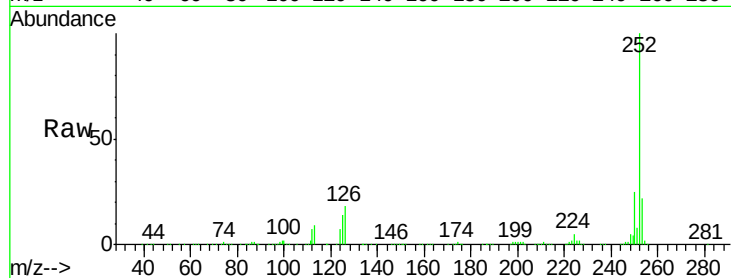
ClientSampleId :

PB98392BS

Tot Ion:	252	Resp:	665294
Ion Ratio	Lower	Upper	
252	100		
253	21.9	18.1	27.1
125	13.7	9.8	14.8

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#88

Benzo(k)fluoranthene

Concen: 44.37 ng

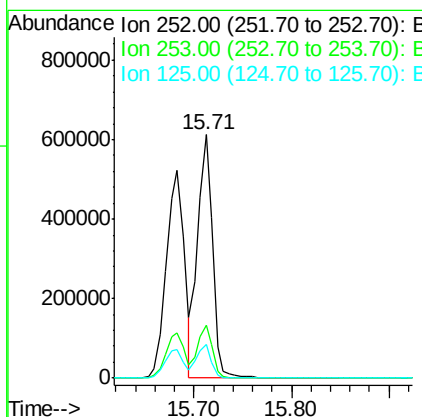
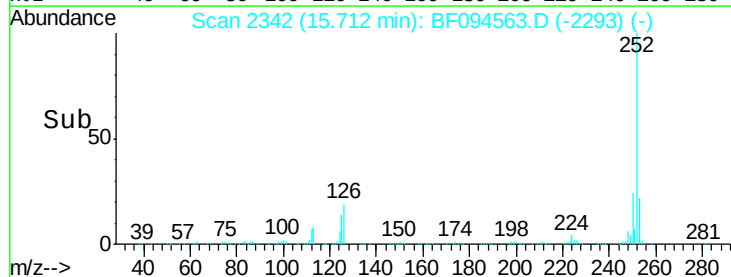
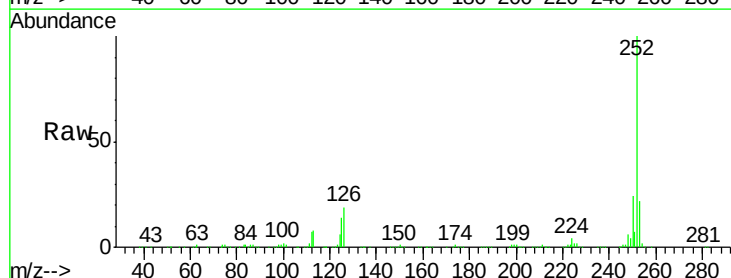
RT: 15.71 min Scan# 2342

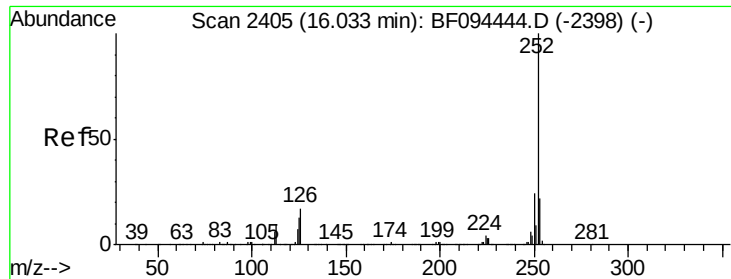
Delta R.T. -0.01 min

Lab File: BF094563.D

Acq: 21 Apr 2017 15:31

Tgt Ion:	252	Resp:	653499
Ion Ratio	Lower	Upper	
252	100		
253	21.9	18.4	27.6
125	13.7	13.1	19.7





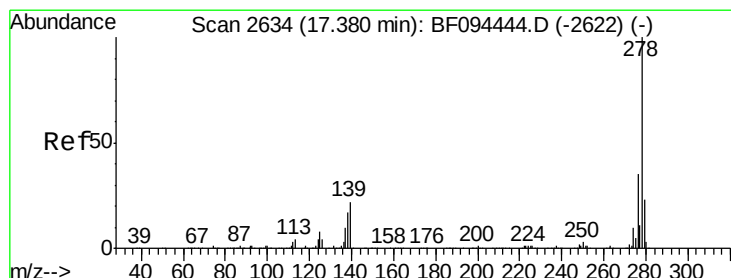
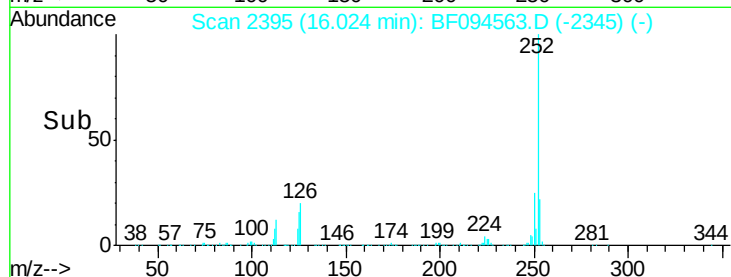
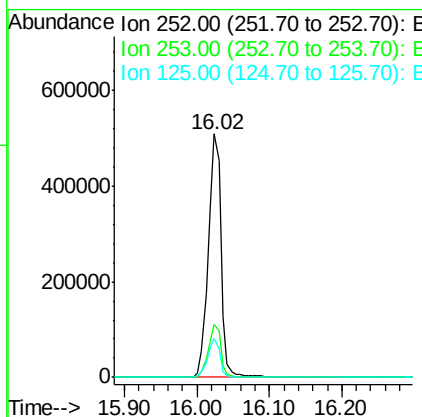
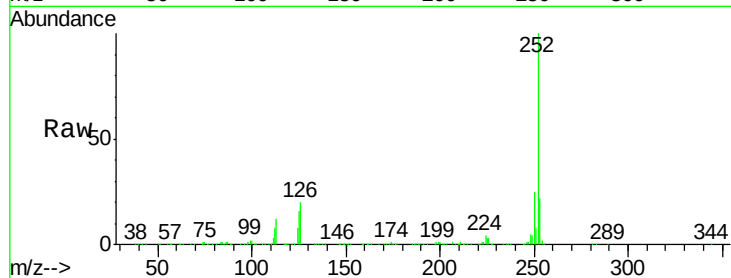
#89
Benzo(a)pyrene
Concen: 43.10 ng
RT: 16.02 min Scan# 2395
Delta R.T. -0.01 min
Lab File: BF094563.D
Acq: 21 Apr 2017 15:31

Instrument :
BNA_F
ClientSampleId :
PB98392BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.6	17.5	26.3
125	15.9	11.0	16.4

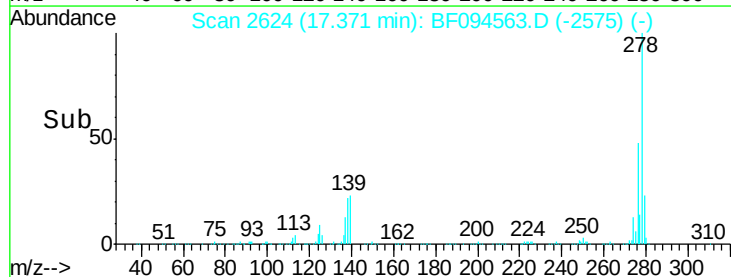
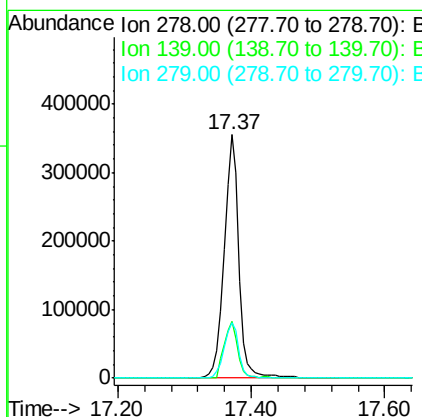
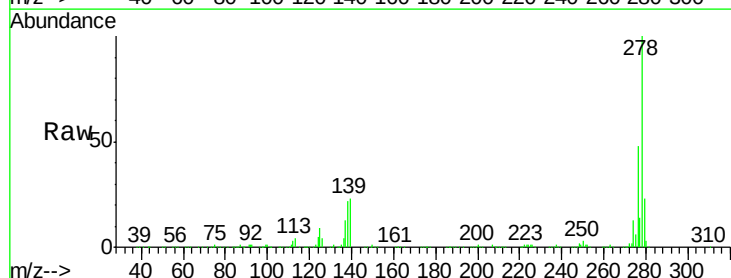
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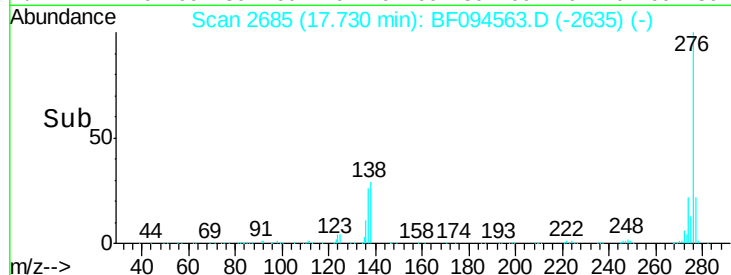
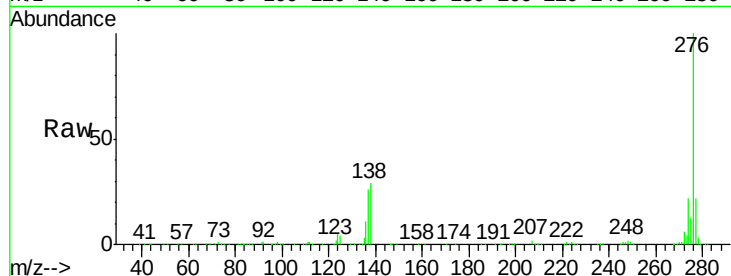
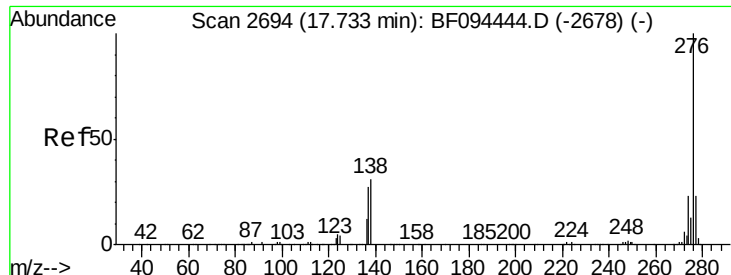
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#90
Dibenzo(a,h)anthracene
Concen: 46.12 ng
RT: 17.37 min Scan# 2624
Delta R.T. -0.01 min
Lab File: BF094563.D
Acq: 21 Apr 2017 15:31

Tgt Ion	Ratio	Lower	Upper
278	100		
139	23.4	16.6	24.8
279	22.7	19.3	28.9





#91
 Benzo(a,h,i)perylene
 Concen: 45.91 ng
 RT: 17.73 min Scan# 2685
 Delta R.T. -0.00 min
 Lab File: BF094563.D
 Acq: 21 Apr 2017 15:31

Instrument :
 BNA_F
 ClientSampleId :
 PB98392BS

Tot Ion:	276	Resp:	561853
Ion Ratio	Lower	Upper	
276	100		
277	22.3	18.6	28.0
138	29.5	25.4	38.0

Manual Integrations
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