

Data Path : Z:\HPCHEM1\BNA F\DATA\BF061017\
 Data File : BF095848.D
 Acq On : 10 Jun 2017 15:21
 Operator : SJ/MA
 Sample : PB99662BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB99662BS

Manual Integrations
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mohammad
 6/12/2017 1:28:01 PM

Quant Time: Jun 12 04:19:54 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 05 16:15:31 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.37	152	56331	20.00	ng	-0.03
21) Naphthalene-d8	9.40	136	234847	20.00	ng	-0.04
38) Acenaphthene-d10	12.23	164	108754	20.00	ng	-0.03
63) Phenanthrene-d10	14.62	188	209181	20.00	ng	-0.03
75) Chrysene-d12	18.34	240	160769	20.00	ng	-0.02
86) Perylene-d12	20.00	264	117140	20.00	ng	-0.02

System Monitoring Compounds						
5) 2-Fluorophenol	5.27	112	507364	143.52	ng	-0.02
7) Phenol-d6	6.93	99	588880	139.14	ng	-0.02
23) Nitrobenzene-d5	8.29	82	343955	90.96	ng	-0.04
41) 2,4,6-Tribromophenol	13.53	330	129075	134.14	ng	-0.02
44) 2-Fluorobiphenyl	11.18	172	684384	87.57	ng	-0.04
78) Terphenyl-d14	17.00	244	659945	101.87	ng	-0.02

Target Compounds						Qvalue
2) 1,4-Dioxane	1.75	88	60632	36.05	ng	97
3) Pyridine	2.30	79	149354	37.79	ng	94
4) n-Nitrosodimethylamine	2.26	42	65828	43.81	ng	# 77
6) Aniline	6.87	93	149381	26.98	ng	95
8) 2-Chlorophenol	7.05	128	182866	48.65	ng	97
9) Benzaldehyde	6.67	77	65005	22.77	ng	98
10) Phenol	6.95	94	226010	51.48	ng	90
11) bis(2-Chloroethyl)ether	7.01	93	162394	46.69	ng	98
12) 1,3-Dichlorobenzene	7.27	146	192392	45.22	ng	98
13) 1,4-Dichlorobenzene	7.39	146	195080	45.21	ng	96
14) 1,2-Dichlorobenzene	7.63	146	184382	46.36	ng	96
15) Benzyl Alcohol	7.67	79	145294	50.02	ng	96
16) 2,2'-oxybis(1-Chloropropan	7.87	45	221322	45.29	ng	96
17) 2-Methylphenol	7.90	107	151777	48.12	ng	97
18) Hexachloroethane	8.15	117	66284	46.52	ng	88
19) n-Nitroso-di-n-propylamine	8.10	70	124857	46.55	ng	94
20) 3+4-Methylphenols	8.17	107	198758	49.64	ng	# 59
22) Acetophenone	8.06	105	248438	45.20	ng	# 84
24) Nitrobenzene	8.32	77	176599	43.72	ng	91
25) Isophorone	8.72	82	315912	44.74	ng	# 94
26) 2-Nitrophenol	8.83	139	100922	47.71	ng	98
27) 2,4-Dimethylphenol	8.98	122	159200	48.50	ng	97
28) bis(2-Chloroethoxy)methane	9.10	93	205837	44.23	ng	97
29) 2,4-Dichlorophenol	9.26	162	151438	47.90	ng	98
30) 1,2,4-Trichlorobenzene	9.33	180	148280	45.08	ng	99
31) Naphthalene	9.43	128	520266	44.14	ng	99
32) Benzoic acid	9.30	122	11064m	9.93	ng	
33) 4-Chloroaniline	9.59	127	108155	23.48	ng	# 93
34) Hexachlorobutadiene	9.66	225	72828	42.85	ng	95
35) Caprolactam	10.22	113	49028m	52.12	ng	
36) 4-Chloro-3-methylphenol	10.46	107	161333	48.75	ng	90
37) 2-Methylnaphthalene	10.56	142	360283	45.24	ng	98
39) 1,2,4,5-Tetrachlorobenzene	10.84	216	140957	43.31	ng	98
40) Hexachlorocyclopentadiene	10.82	237	72957	72.70	ng	97

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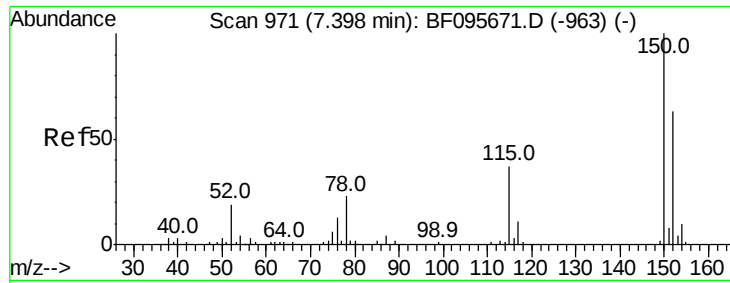
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	11.07	196	93706	44.78	nq	97
43) 2,4,5-Trichlorophenol	11.16	196	95017	42.69	nq	93
45) 1,1'-Biphenyl	11.33	154	406505	45.35	nq	96
46) 2-Chloronaphthalene	11.34	162	314315	44.88	nq	96
47) 2-Nitroaniline	11.56	65	96511	47.09	nq	# 81
48) Acenaphthylene	12.00	152	504971	42.17	nq	99
49) Dimethylphthalate	11.89	163	376705	45.62	nq	99
50) 2,6-Dinitrotoluene	11.98	165	83500	46.36	nq	# 84
51) Acenaphthene	12.28	154	300205	43.40	nq	99
52) 3-Nitroaniline	12.24	138	65103	31.02	nq	89
53) 2,4-Dinitrophenol	12.50	184	12982	18.17	nq	# 64
54) Dibenzofuran	12.56	168	463759	47.64	nq	97
55) 4-Nitrophenol	12.66	139	103587	84.28	nq	# 74
56) 2,4-Dinitrotoluene	12.65	165	118501	48.71	nq	# 87
57) Fluorene	13.12	166	370493	43.73	nq	97
58) 2,3,4,6-Tetrachlorophenol	12.82	232	73405	48.20	nq	# 95
59) Diethylphthalate	13.03	149	380767	47.92	nq	100
60) 4-Chlorophenyl-phenylether	13.14	204	164199	44.57	nq	91
61) 4-Nitroaniline	13.25	138	94095	48.03	nq	96
62) Azobenzene	13.40	77	350945	48.73	nq	94
64) 4,6-Dinitro-2-methylphenol	13.34	198	24826	18.06	nq	# 76
65) n-Nitrosodiphenylamine	13.36	169	323994	43.10	nq	97
66) 4-Bromophenyl-phenylether	13.93	248	93165	42.85	nq	99
67) Hexachlorobenzene	14.02	284	95154	44.42	nq	# 92
68) Atrazine	14.29	200	101653	48.59	nq	97
69) Pentachlorophenol	14.38	266	34741	45.84	nq	93
70) Phenanthrene	14.66	178	554057	45.91	nq	97
71) Anthracene	14.74	178	568556	45.12	nq	98
72) Carbazole	15.04	167	542409	44.17	nq	98
73) Di-n-butylphthalate	15.63	149	636314	48.71	nq	98
74) Fluoranthene	16.44	202	582378	48.75	nq	98
76) Benzidine	16.66	184	234435	37.97	nq	# 93
77) Pyrene	16.74	202	588518	49.06	nq	99
79) Butylbenzylphthalate	17.66	149	265549	50.69	nq	87
80) Benzo(a)anthracene	18.33	228	440416	47.12	nq	98
81) 3,3'-Dichlorobenzidine	18.31	252	75548	22.73	nq	# 96
82) Chrysene	18.37	228	413250	44.24	nq	99
83) Bis(2-ethylhexyl)phthalate	18.41	149	372462	50.40	nq	# 100
84) Di-n-octyl phthalate	19.18	149	543020	44.59	nq	96
85) Indeno(1,2,3-cd)pyrene	21.18	276	351376	43.96	nq	100
87) Benzo(b)fluoranthene	19.60	252	355688	48.49	nq	97
88) Benzo(k)fluoranthene	19.63	252	305388	43.56	nq	96
89) Benzo(a)pyrene	19.95	252	312398	46.34	nq	100
90) Dibenzo(a,h)anthracene	21.18	278	290685	50.83	nq	97
91) Benzo(g,h,i)perylene	21.51	276	313171	53.72	nq	98

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



#1

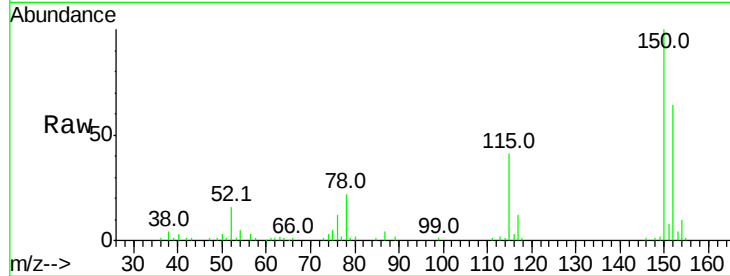
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.37 min Scan# 983
Delta R.T. -0.03 min
Lab File: BF095848.D
Acq: 10 Jun 2017 15:21

Instrument :
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ClientSampleId :
PB99662BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.2	126.2	189.2
115	62.9	52.2	78.2

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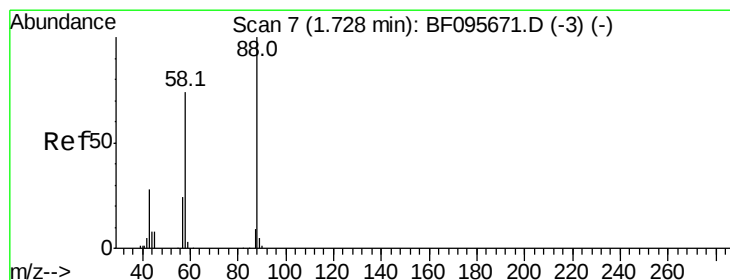
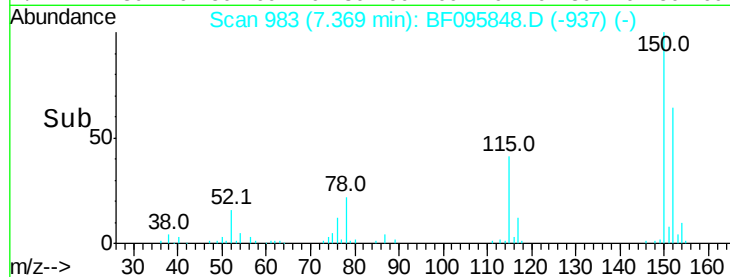
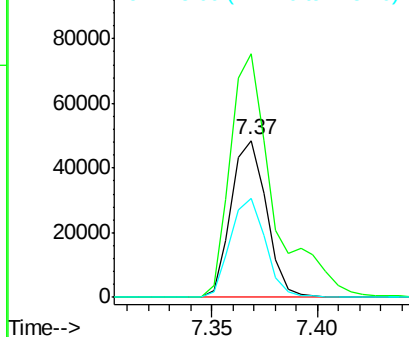


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

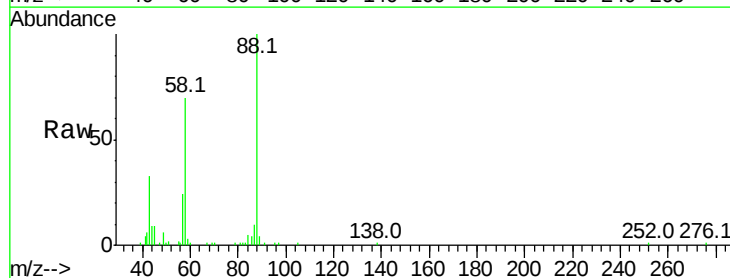
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 36.05 ng
RT: 1.75 min Scan# 27
Delta R.T. 0.02 min
Lab File: BF095848.D
Acq: 10 Jun 2017 15:21

Tgt Ion	Ratio	Lower	Upper
88	100		
58	76.1	61.4	92.0
43	34.7	23.4	35.0

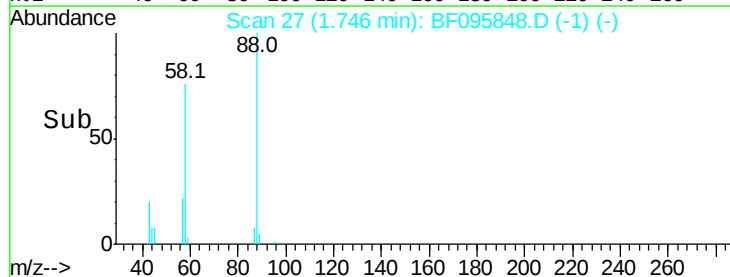
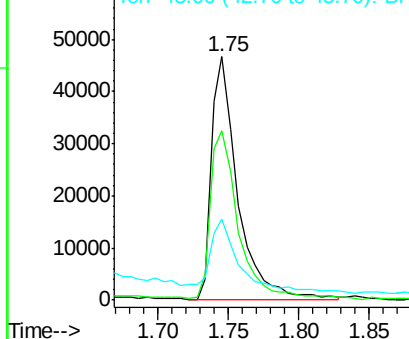


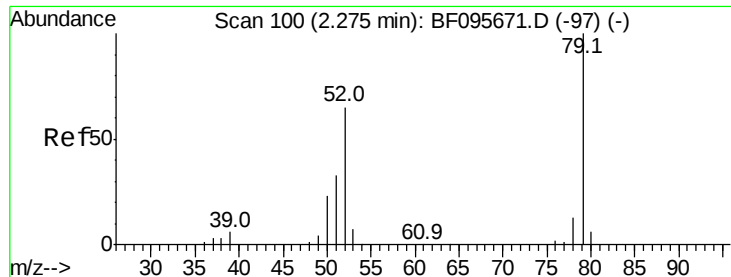
Abundance

Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pvridine

Concen: 37.79 ng

RT: 2.30 min Scan# 122

Delta R.T. 0.03 min

Lab File: BF095848.D

Acq: 10 Jun 2017 15:21

Instrument :

BNA_F

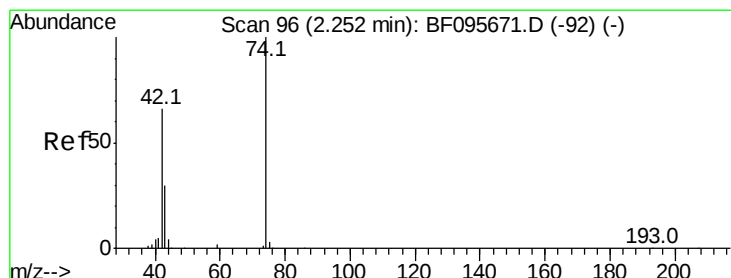
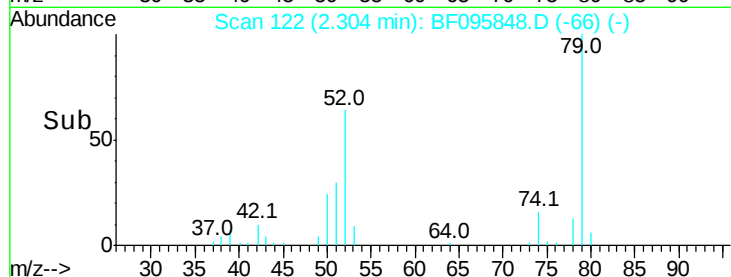
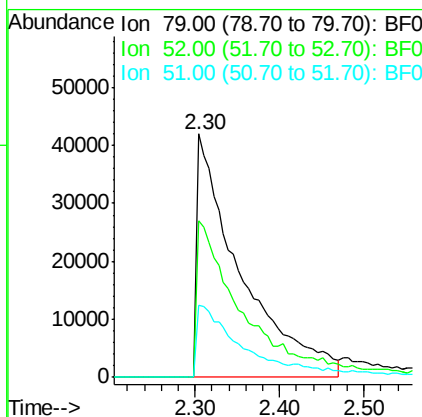
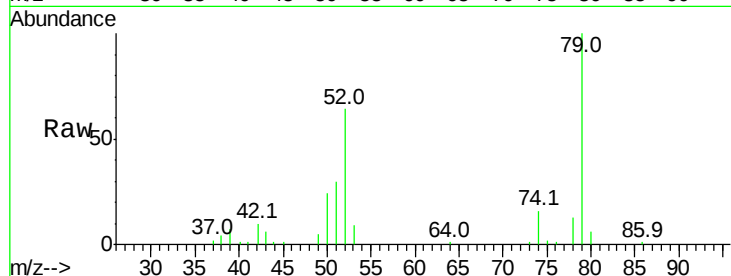
ClientSampleId :

PB99662BS

Tot Ion:	79	Resp:	149354
Ion Ratio	Lower	Upper	
79	100		
52	64.2	54.8	82.2
51	29.5	27.0	40.4

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#4

n-Nitrosodimethylamine

Concen: 43.81 ng

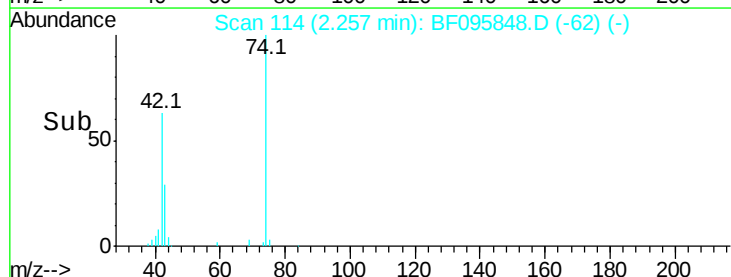
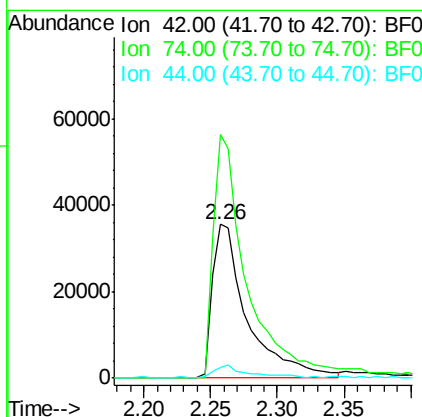
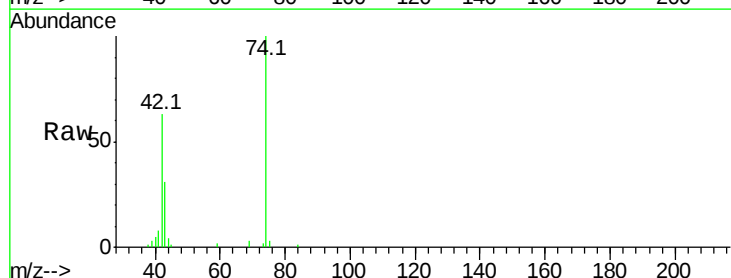
RT: 2.26 min Scan# 114

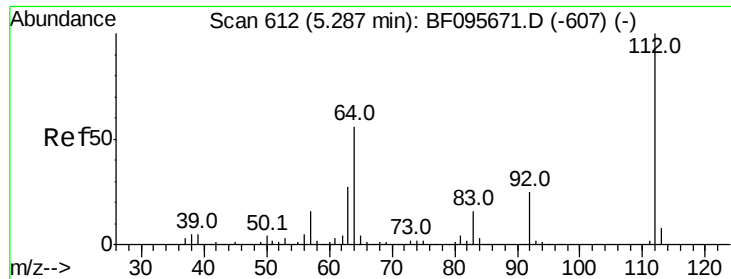
Delta R.T. 0.01 min

Lab File: BF095848.D

Acq: 10 Jun 2017 15:21

Tgt Ion:	42	Resp:	65828
Ion Ratio	Lower	Upper	
42	100		
74	158.6	103.9	155.9#
44	6.6	5.7	8.5





#5

2-Fluorophenol

Concen: 143.52 ng

RT: 5.27 min Scan# 626

Delta R.T. -0.02 min

Lab File: BF095848.D

Acq: 10 Jun 2017 15:21

Instrument :

BNA_F

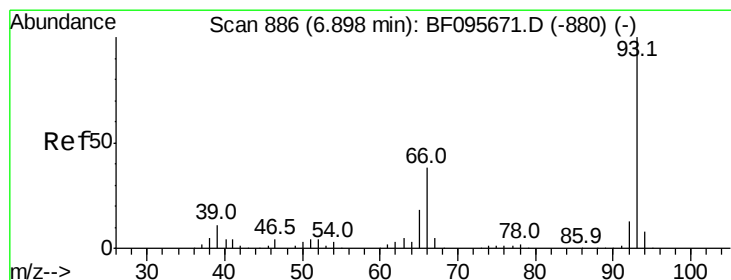
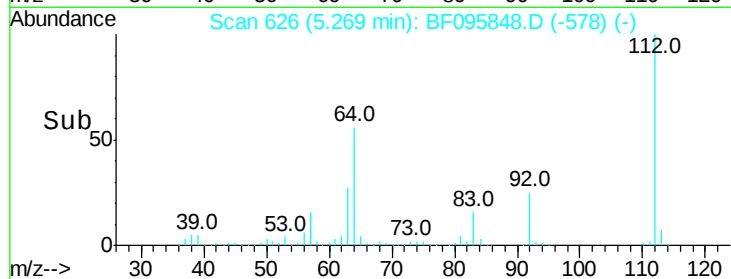
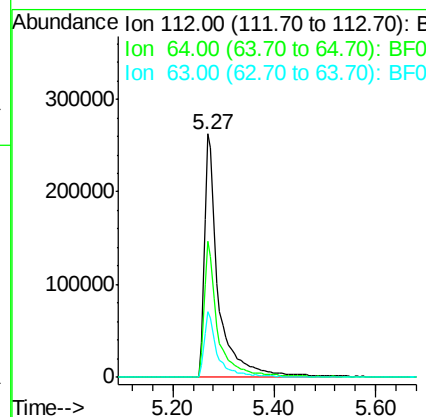
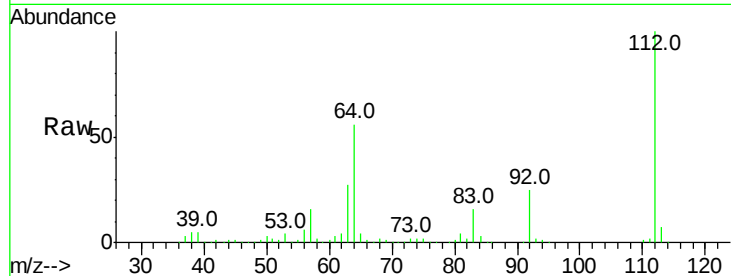
ClientSampleId :

PB99662BS

Tot Ion:	112	Resp:	507364
Ion Ratio	Lower	Upper	
112	100		
64	55.7	46.0	69.0
63	27.2	23.4	35.0

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#6

Aniline

Concen: 26.98 ng

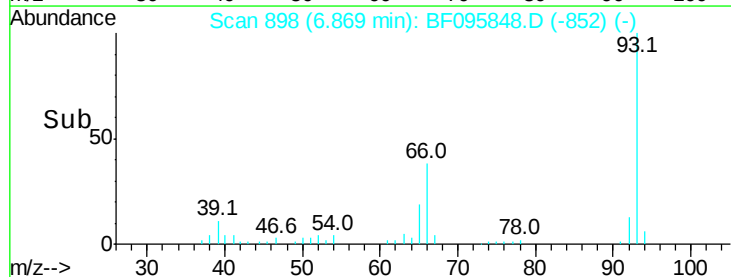
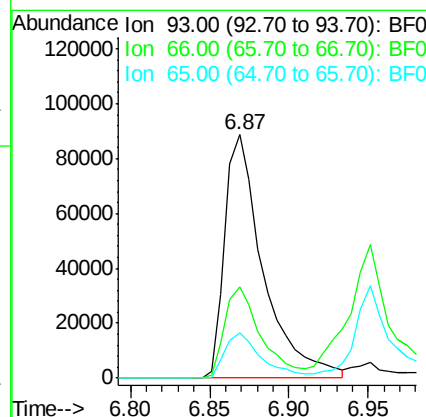
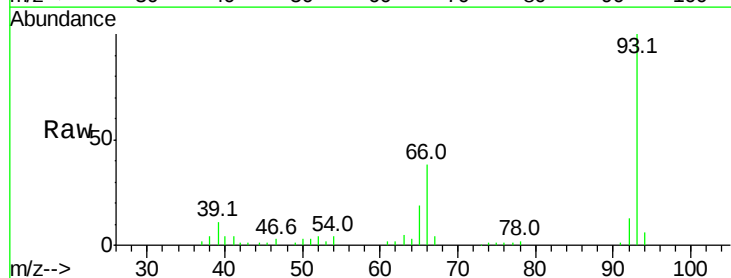
RT: 6.87 min Scan# 898

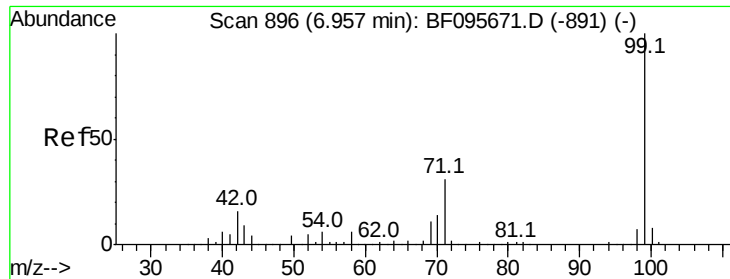
Delta R.T. -0.03 min

Lab File: BF095848.D

Acq: 10 Jun 2017 15:21

Tgt Ion:	93	Resp:	149381
Ion Ratio	Lower	Upper	
93	100		
66	37.5	32.9	49.3
65	18.5	16.0	24.0





#7

Phenol-d6

Concen: 139.14 ng

RT: 6.93 min Scan# 909

Delta R.T. -0.02 min

Lab File: BF095848.D

Acq: 10 Jun 2017 15:21

Instrument :

BNA_F

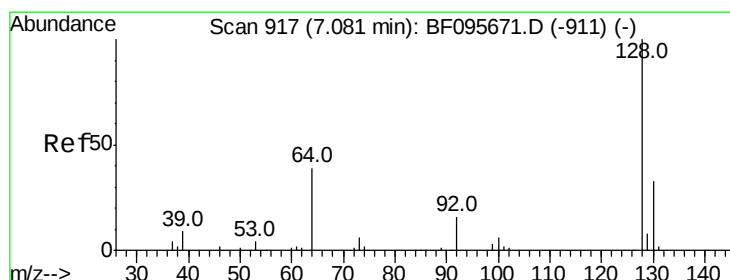
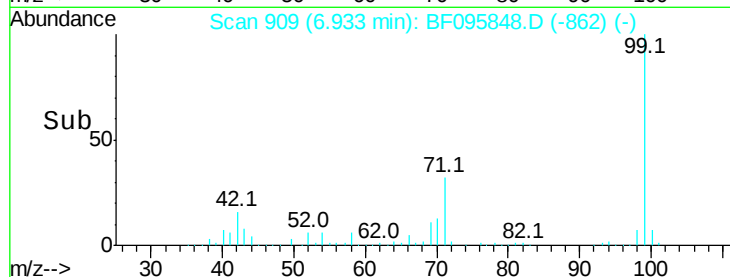
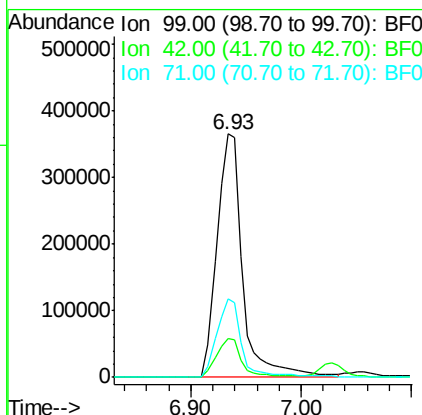
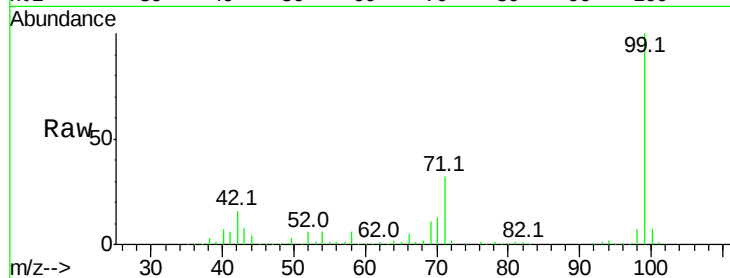
ClientSampleId :

PB99662BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		588880		
42	16.1	13.5	20.3		
71	32.2	24.5	36.7		

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#8

2-Chlorophenol

Concen: 48.65 ng

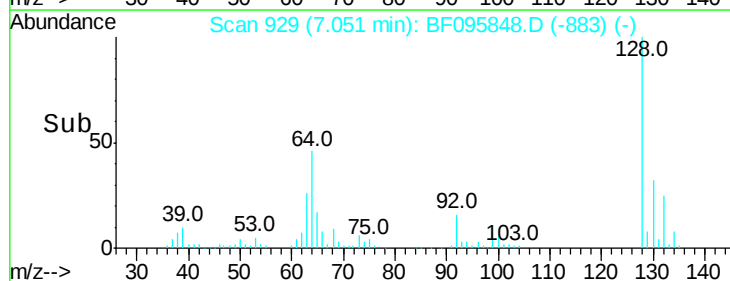
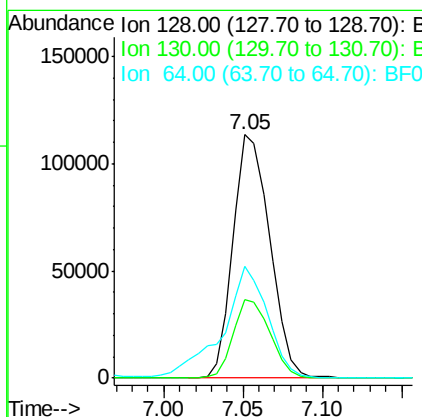
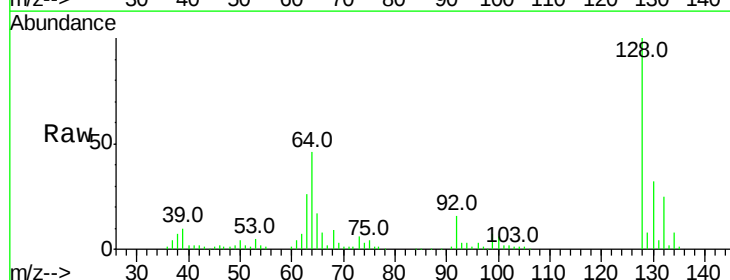
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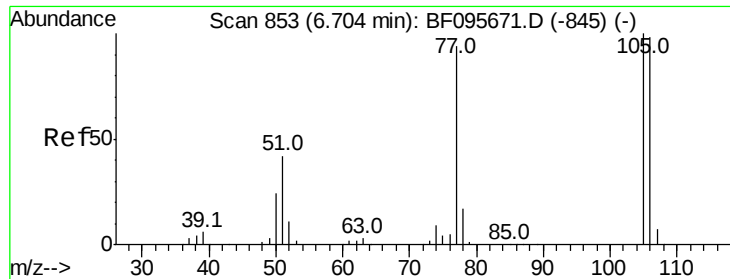
Delta R.T. -0.03 min

Lab File: BF095848.D

Acq: 10 Jun 2017 15:21

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
128	100		182866		
130	32.1	12.9	52.9		
64	46.0	28.4	68.4		





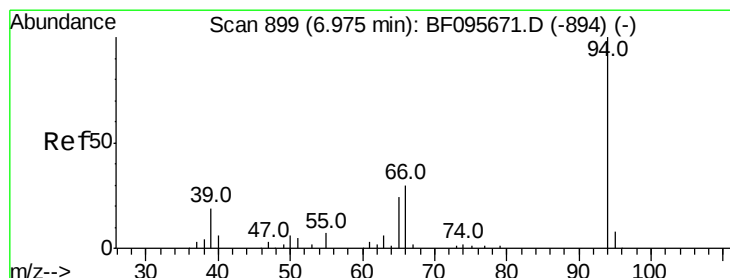
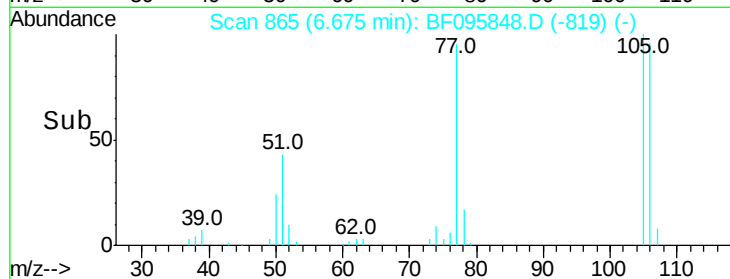
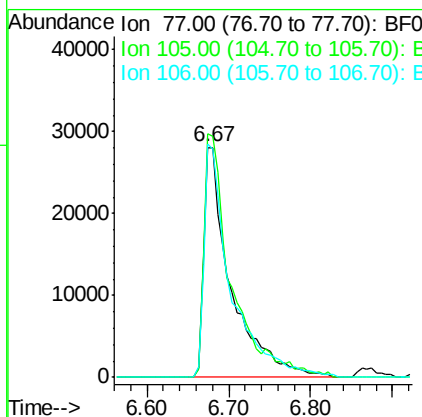
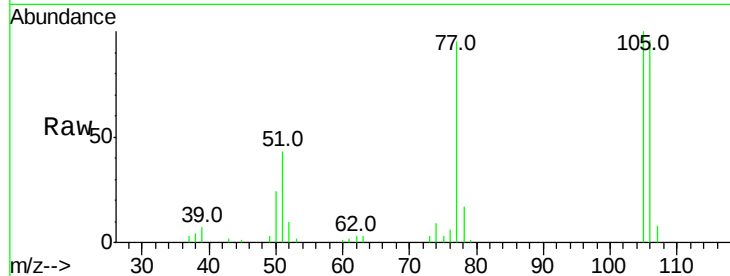
#9
Benzaldehyde
Concen: 22.77 ng
RT: 6.67 min Scan# 865
Delta R.T. -0.03 min
Lab File: BF095848.D
Acq: 10 Jun 2017 15:21

Instrument :
BNA_F
ClientSampleId :
PB99662BS

Tot Ion:	77	Resp:	65005
Ion	Ratio	Lower	Upper
77	100		
105	105.8	83.8	123.8
106	101.7	79.1	119.1

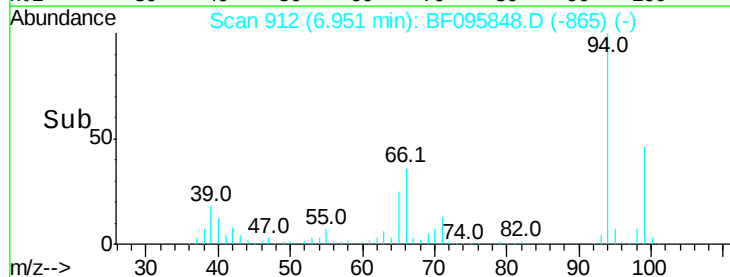
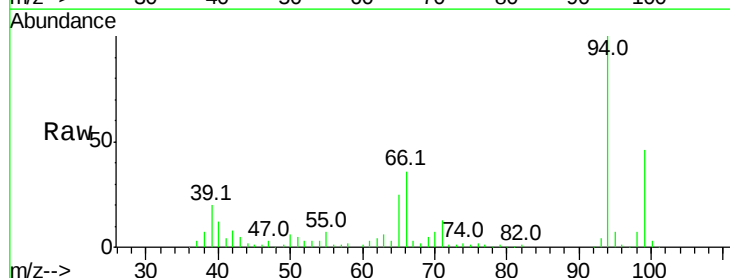
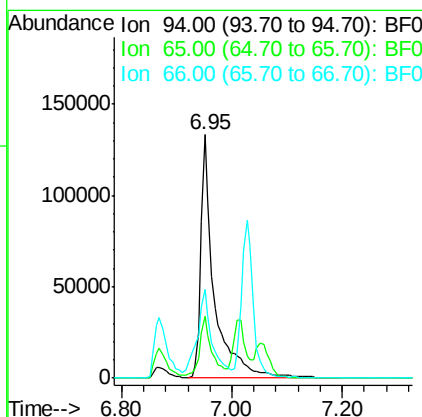
Manual Integrations
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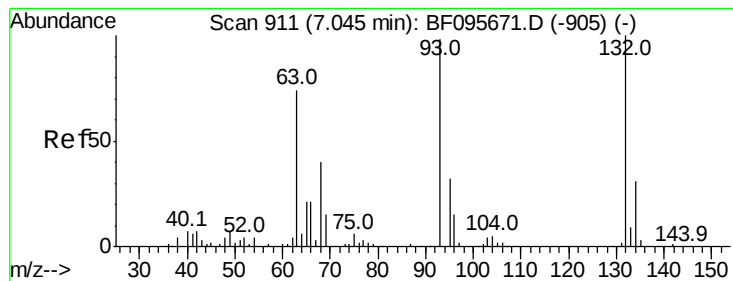
mohammad
6/12/2017 1:28:01 PM



#10
Phenol
Concen: 51.48 ng
RT: 6.95 min Scan# 912
Delta R.T. -0.02 min
Lab File: BF095848.D
Acq: 10 Jun 2017 15:21

Tgt Ion:	94	Resp:	226010
Ion	Ratio	Lower	Upper
94	100		
65	25.2	9.9	49.9
66	36.5	23.1	63.1





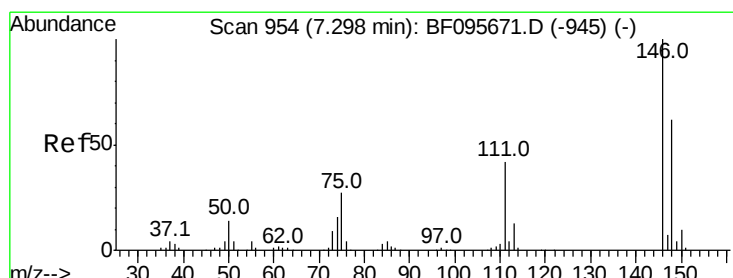
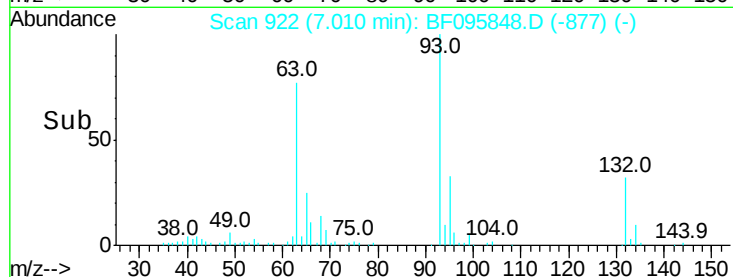
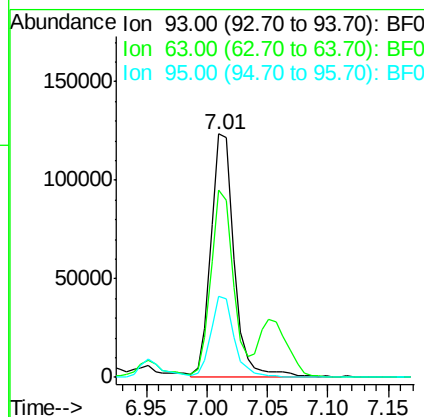
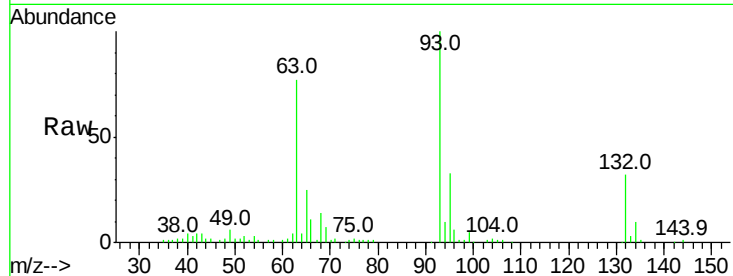
#11
bis(2-Chloroethyl)ether
Concen: 46.69 ng
RT: 7.01 min Scan# 922
Delta R.T. -0.04 min
Lab File: BF095848.D
Acq: 10 Jun 2017 15:21

Instrument :
BNA_F
ClientSampleId :
PB99662BS

Tot Ion	Ratio	Resp	Lower	Upper
93	100	162394		
63	76.7	59.2	99.2	
95	33.1	12.8	52.8	

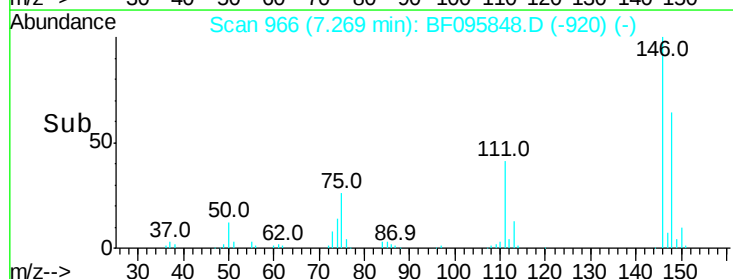
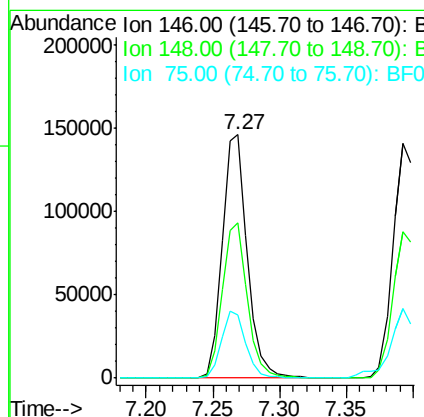
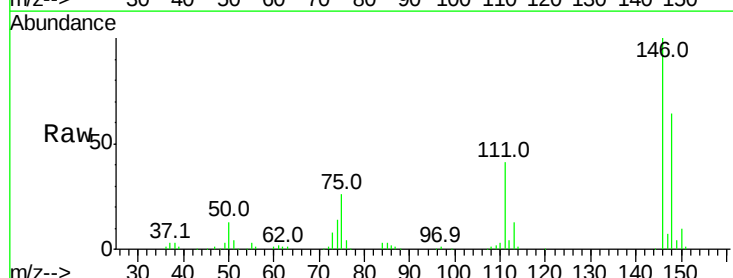
Manual Integrations
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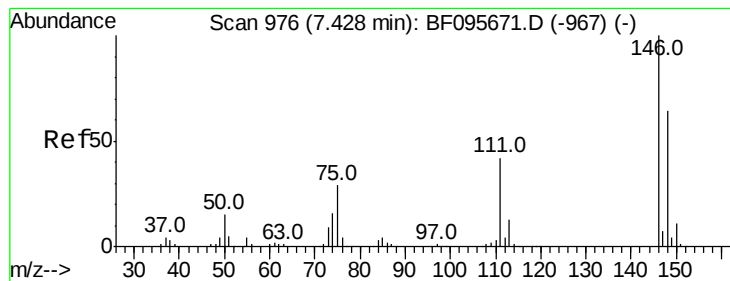
mohammad
6/12/2017 1:28:01 PM



#12
1,3-Dichlorobenzene
Concen: 45.22 ng
RT: 7.27 min Scan# 966
Delta R.T. -0.03 min
Lab File: BF095848.D
Acq: 10 Jun 2017 15:21

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	192392		
148	63.9	51.8	77.6	
75	26.0	23.1	34.7	





#13

1,4-Dichlorobenzene

Concen: 45.21 ng

RT: 7.39 min Scan# 987

Delta R.T. -0.04 min

Lab File: BF095848.D

Acq: 10 Jun 2017 15:21

Instrument :

BNA_F

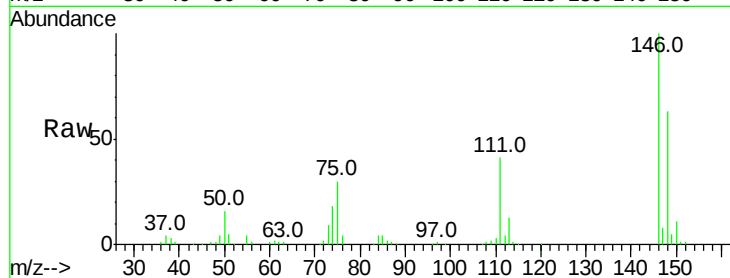
ClientSampleId :

PB99662BS

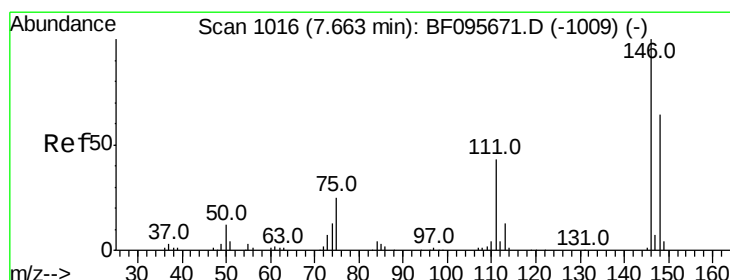
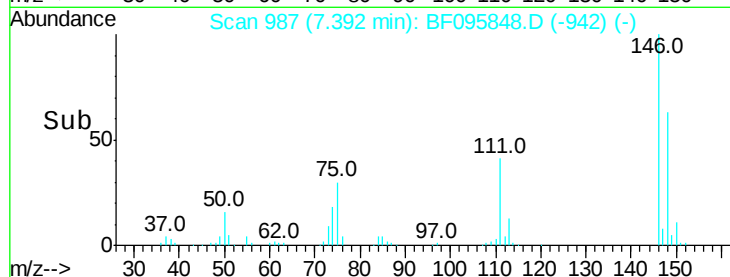
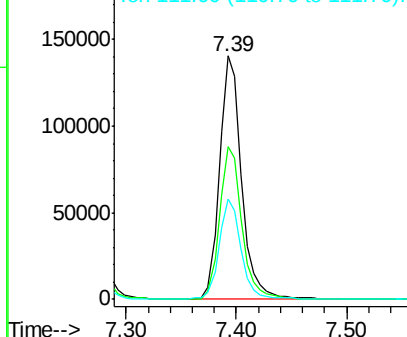
Tot Ion	Ratio	Lower	Upper
146	100		
148	62.7	52.2	78.2
111	41.0	30.3	45.5

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



#14

1,2-Dichlorobenzene

Concen: 46.36 ng

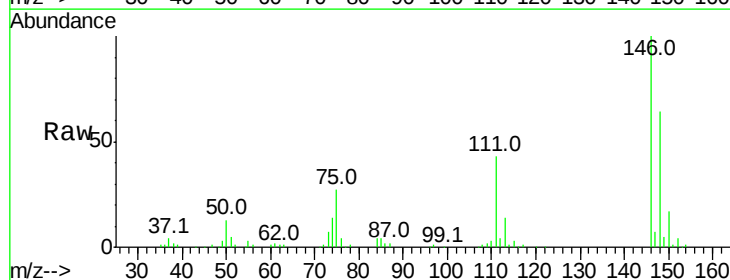
RT: 7.63 min Scan# 1027

Delta R.T. -0.04 min

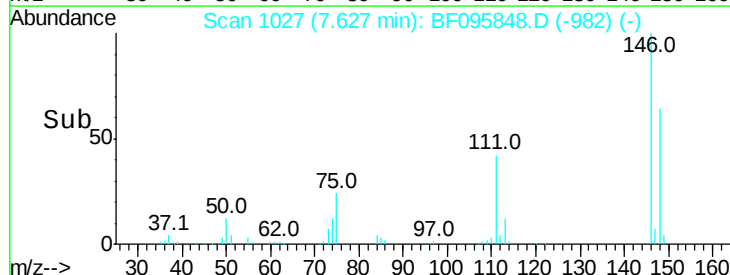
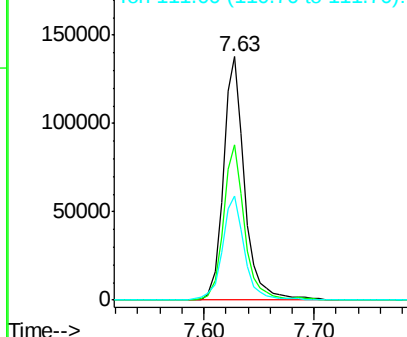
Lab File: BF095848.D

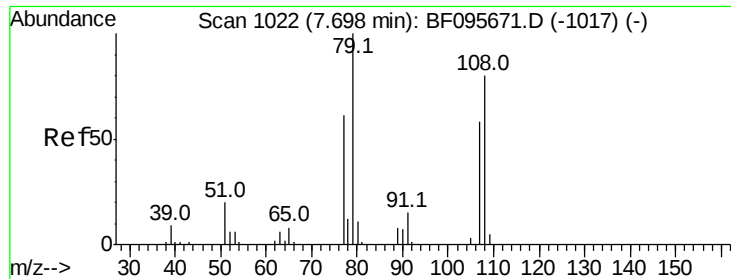
Acq: 10 Jun 2017 15:21

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.9	50.4	75.6
111	42.6	38.2	57.4



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





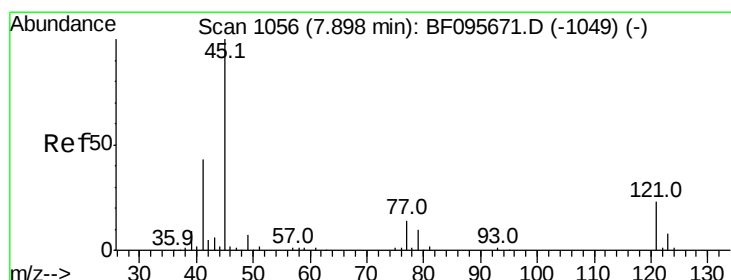
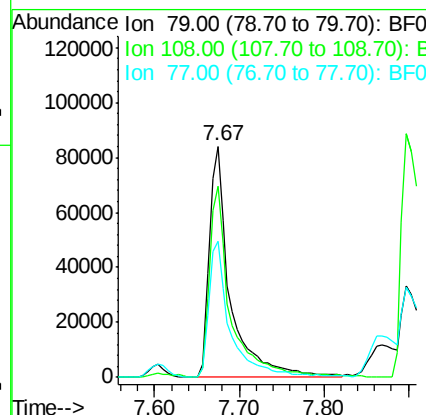
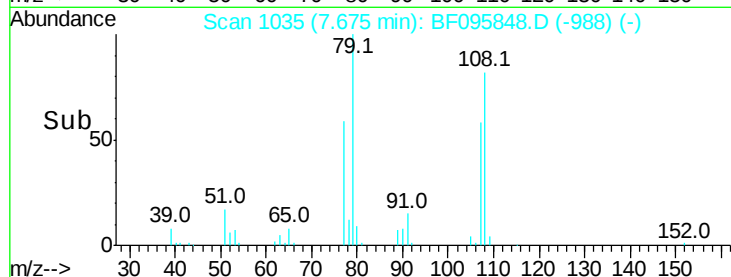
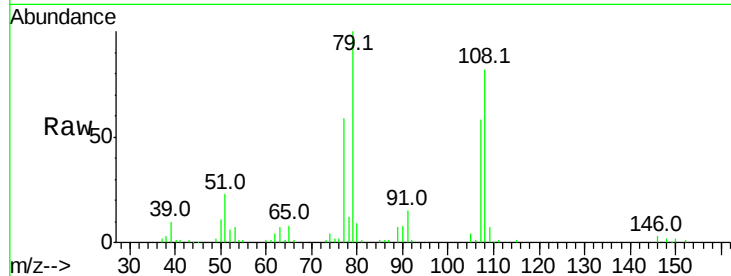
#15
Benzyl Alcohol
Concen: 50.02 ng
RT: 7.67 min Scan# 1035
Delta R.T. -0.02 min
Lab File: BF095848.D
Acq: 10 Jun 2017 15:21

Instrument :
BNA_F
ClientSampleId :
PB99662BS

Tot Ion	Ratio	Lower	Upper
79	100		
108	82.5	63.4	95.0
77	58.9	49.2	73.8

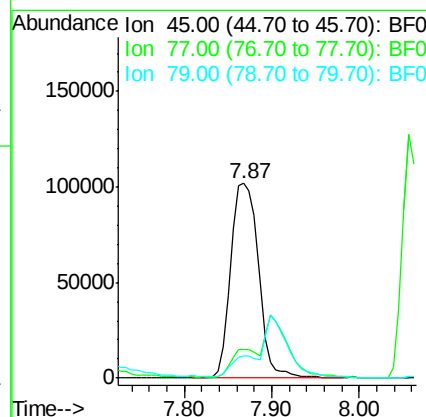
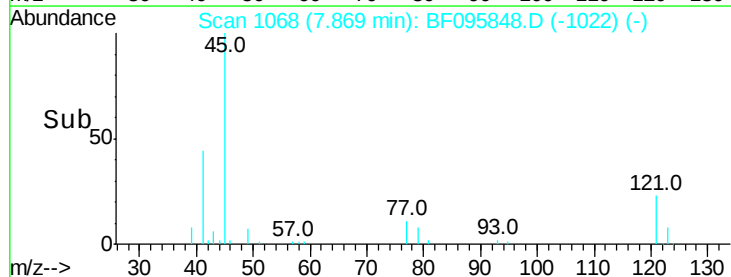
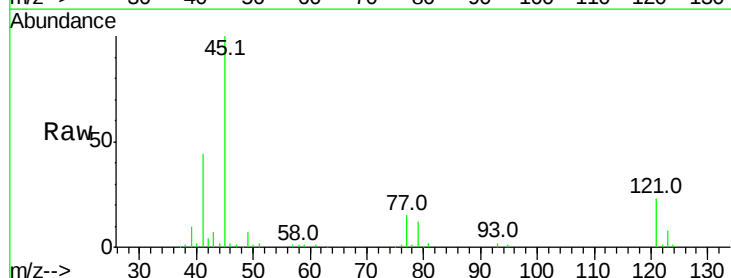
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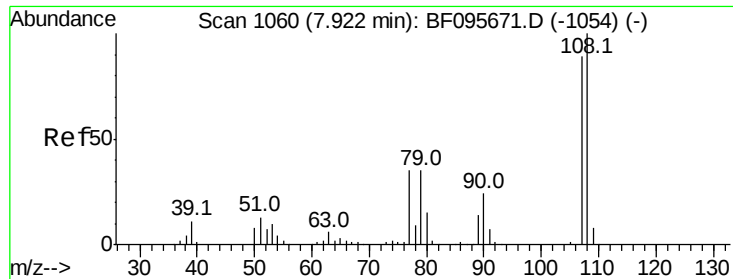
mohammad
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#16
2,2'-oxybis(1-chloropropane)
Concen: 45.29 ng
RT: 7.87 min Scan# 1068
Delta R.T. -0.03 min
Lab File: BF095848.D
Acq: 10 Jun 2017 15:21

Tgt Ion	Ratio	Lower	Upper
45	100		
77	14.7	0.0	33.2
79	11.6	0.0	30.0





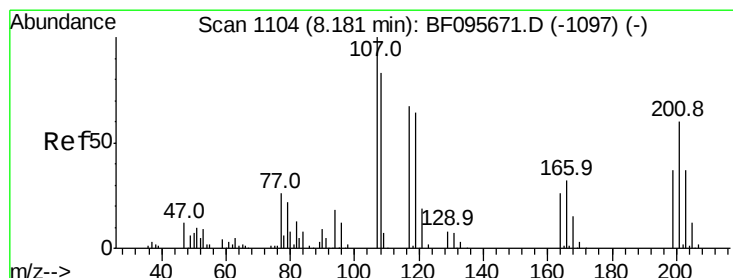
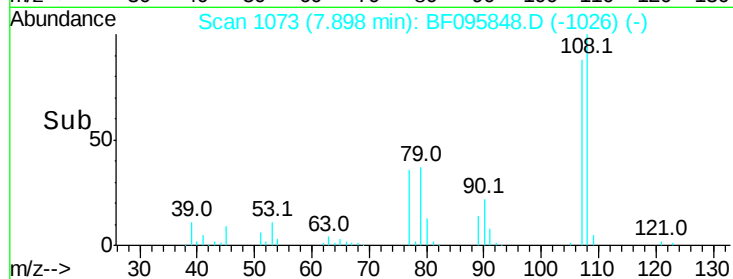
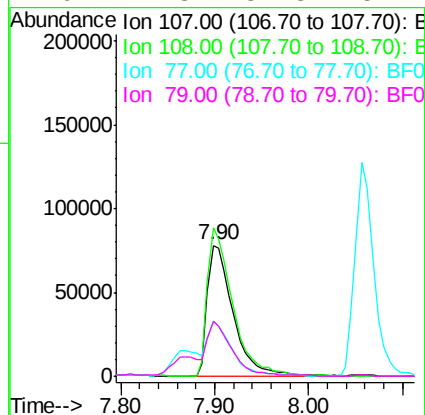
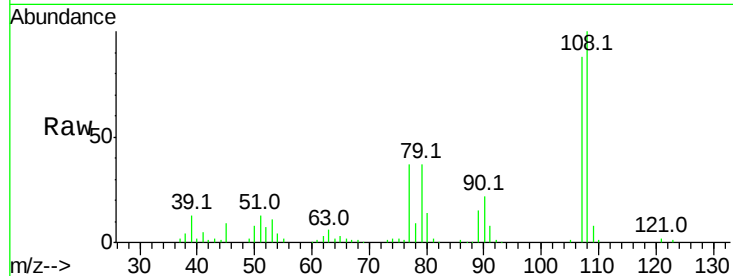
#17
2-Methylphenol
Concen: 48.12 ng
RT: 7.90 min Scan# 1073
Delta R.T. -0.02 min
Lab File: BF095848.D
Acq: 10 Jun 2017 15:21

Instrument :
BNA_F
ClientSampleId :
PB99662BS

Tot Ion:	107	Resp:	151777
Ion Ratio	Lower	Upper	
107	100		
108	113.4	93.4	140.0
77	42.0	35.8	53.6
79	42.3	34.8	52.2

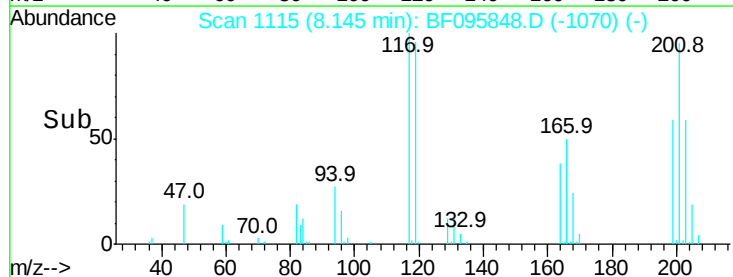
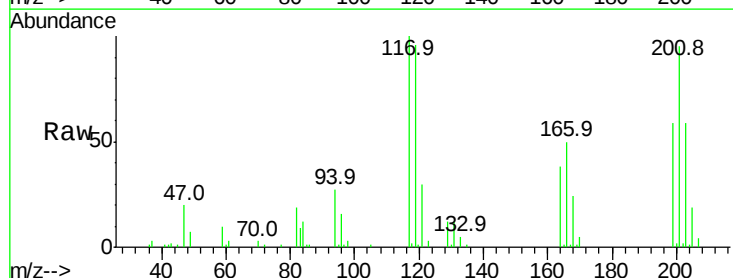
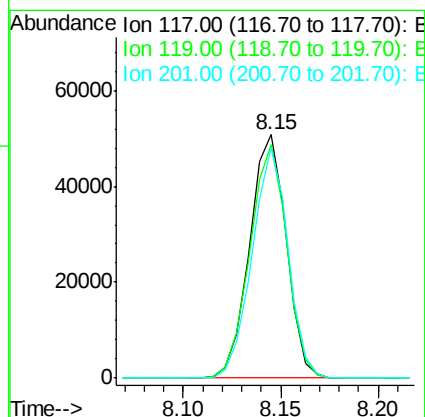
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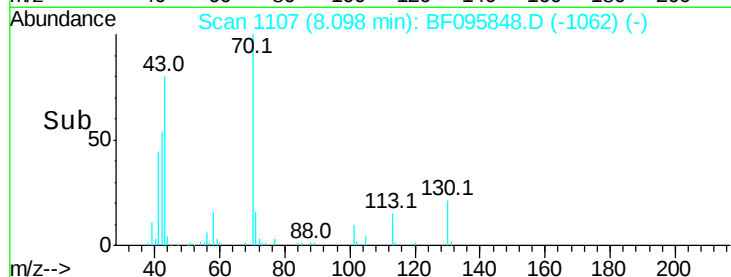
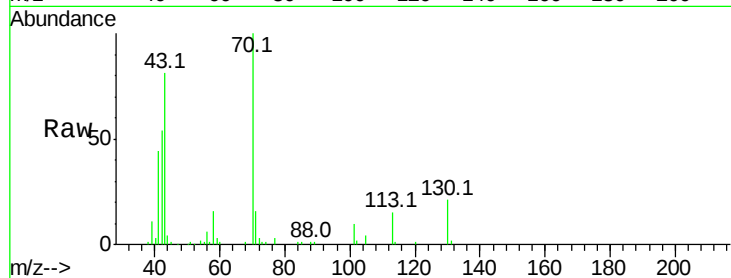
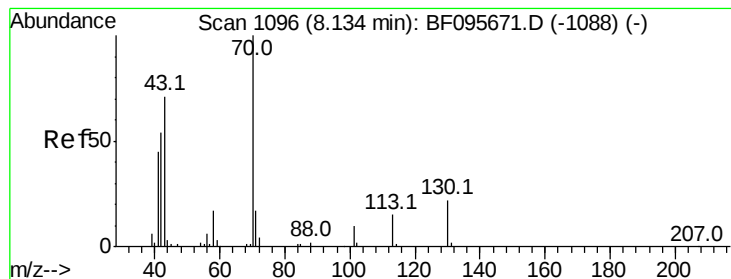
mohammad
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#18
Hexachloroethane
Concen: 46.52 ng
RT: 8.15 min Scan# 1115
Delta R.T. -0.04 min
Lab File: BF095848.D
Acq: 10 Jun 2017 15:21

Tgt Ion:	117	Resp:	66284
Ion Ratio	Lower	Upper	
117	100		
119	95.7	77.4	116.0
201	94.6	94.6	141.8





#19

n-Nitroso-di-n-propylamine

Concen: 46.55 ng

RT: 8.10 min Scan# 1107

Delta R.T. -0.04 min

Lab File: BF095848.D

Acq: 10 Jun 2017 15:21

Instrument :

BNA_F

ClientSampleId :

PB99662BS

Tot Ion: 70 Resp: 124857

Ion Ratio Lower Upper

70 100

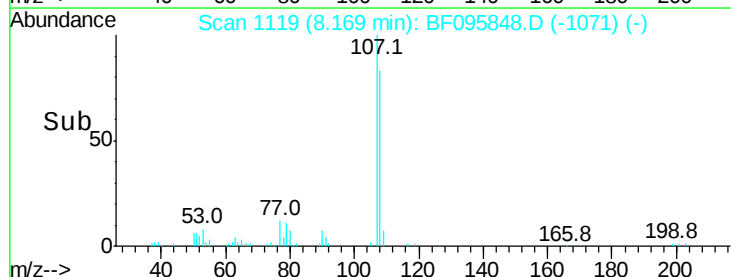
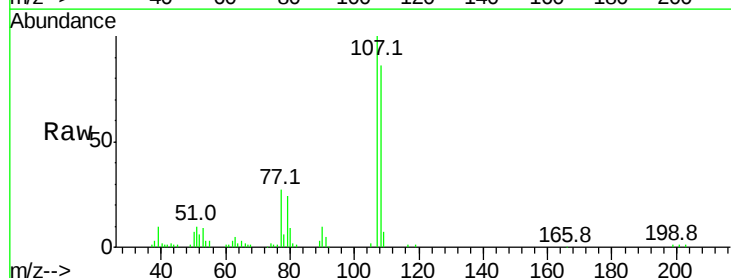
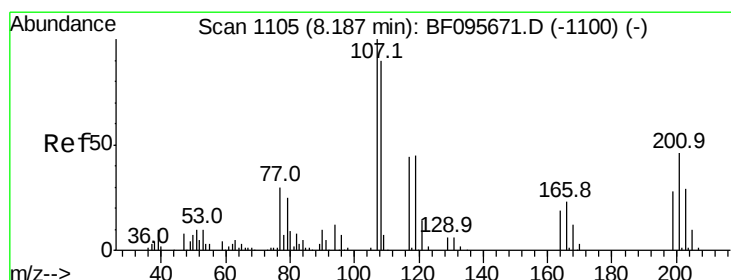
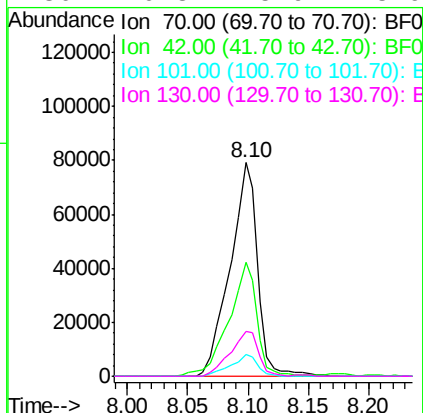
42 53.5 47.2 70.8

101 10.4 7.2 10.8

130 20.8 15.9 23.9

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#20

3+4-Methylphenols

Concen: 49.64 ng

RT: 8.17 min Scan# 1119

Delta R.T. -0.02 min

Lab File: BF095848.D

Acq: 10 Jun 2017 15:21

Tgt Ion: 107 Resp: 198758

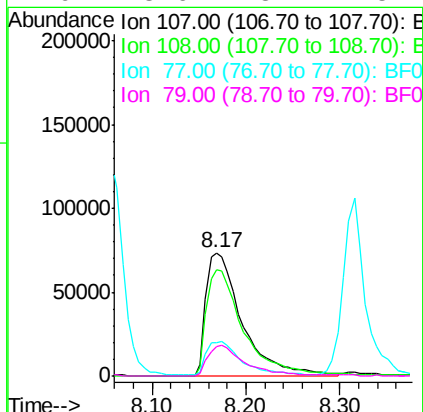
Ion Ratio Lower Upper

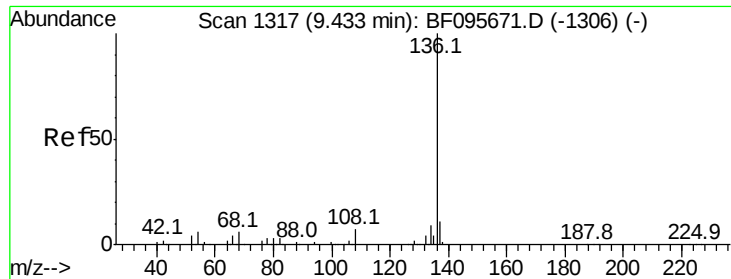
107 100

108 86.4 71.0 111.0

77 26.6 90.5 130.5#

79 23.6 8.4 48.4





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 9.40 min Scan# 1328

Delta R.T. -0.04 min

Lab File: BF095848.D

Acq: 10 Jun 2017 15:21

Instrument :

BNA_F

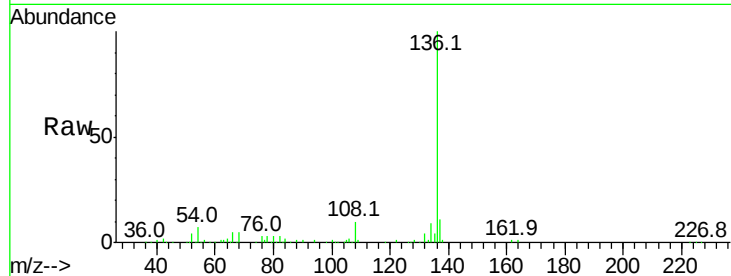
ClientSampleId :

PB99662BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	234847		
137	11.3	8.5	12.7	
54	6.6	4.9	7.3	
68	5.5	4.1	6.1	

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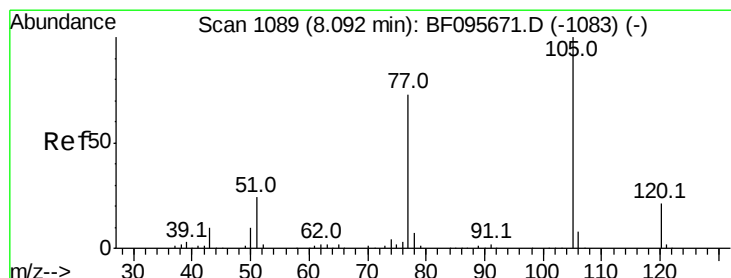
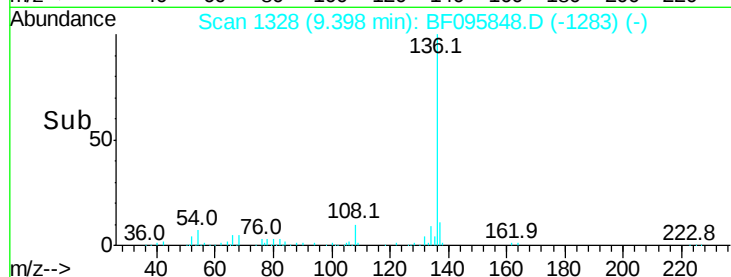
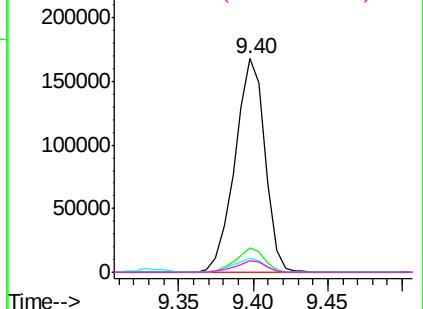
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 45.20 ng

RT: 8.06 min Scan# 1100

Delta R.T. -0.04 min

Lab File: BF095848.D

Acq: 10 Jun 2017 15:21

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	248438		
71	0.0	2.8	4.2#	
51	23.5	30.7	46.1#	
120	20.6	17.4	26.0	

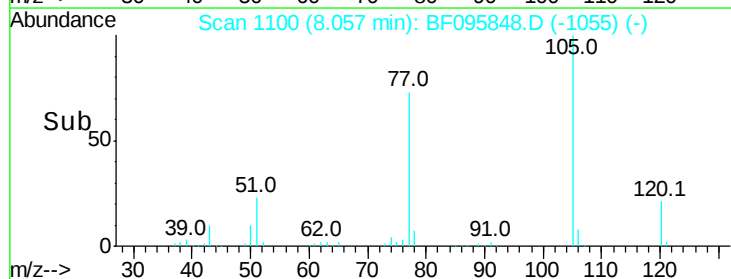
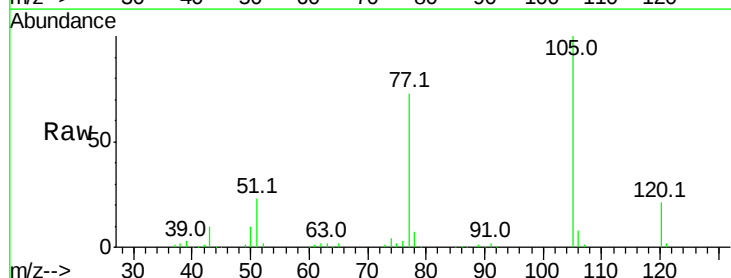
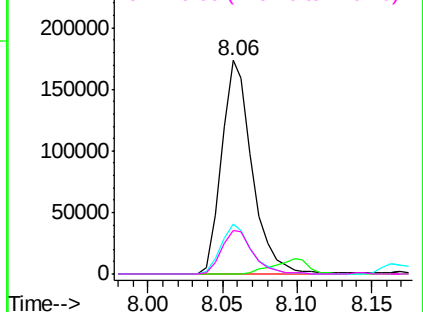
Abundance

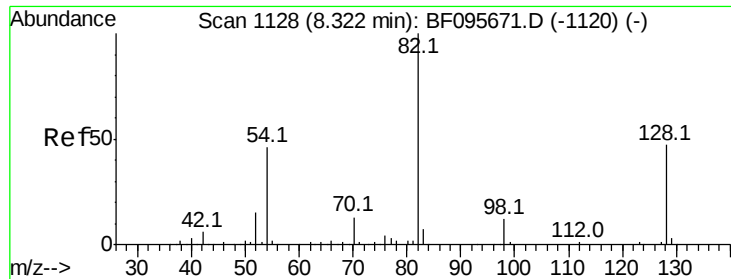
Ion 105.00 (104.70 to 105.70): E

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





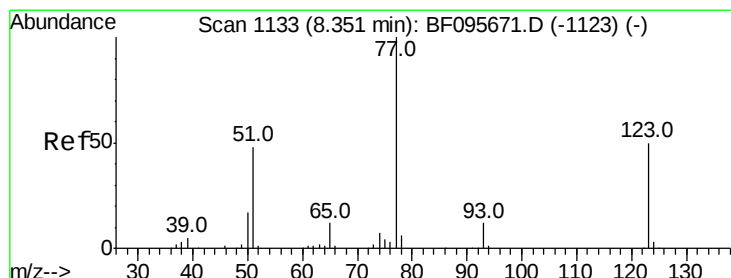
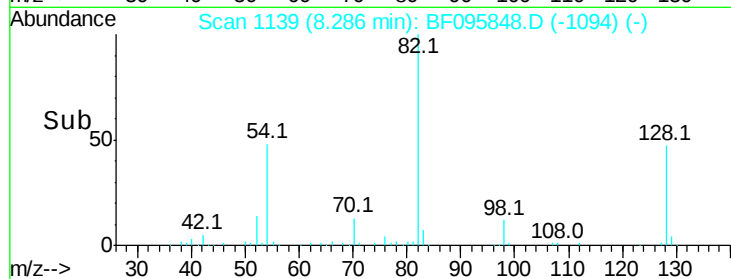
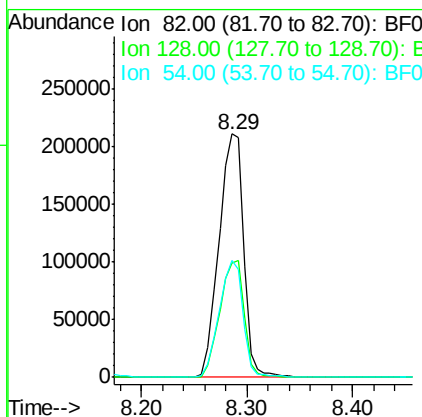
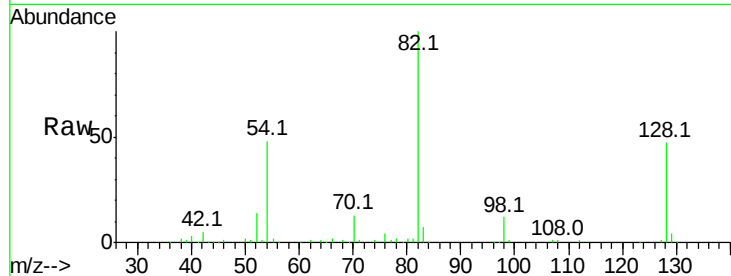
#23
 Nitrobenzene-d5
 Concen: 90.96 ng
 RT: 8.29 min Scan# 1139
 Delta R.T. -0.04 min
 Lab File: BF095848.D
 Acq: 10 Jun 2017 15:21

Instrument :
 BNA_F
 ClientSampleID :
 PB99662BS

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	47.0	34.0	51.0	
54	48.0	42.2	63.2	

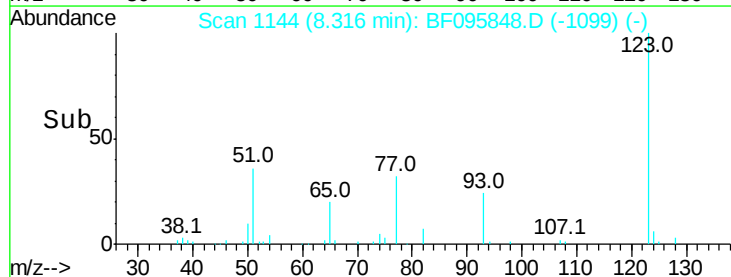
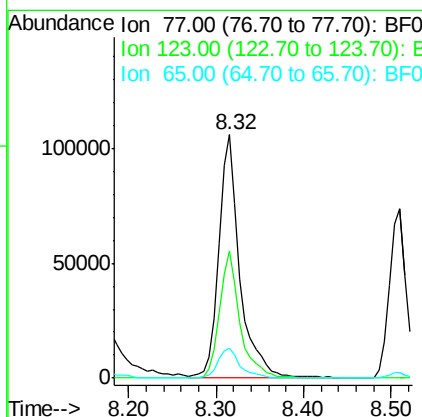
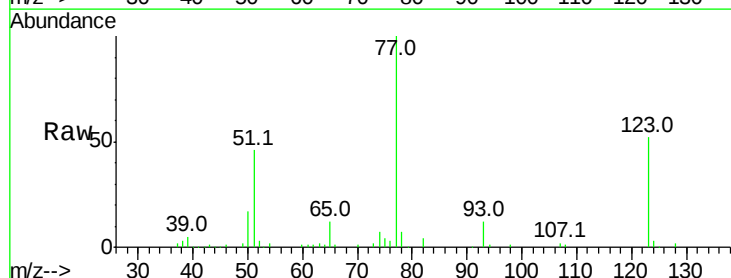
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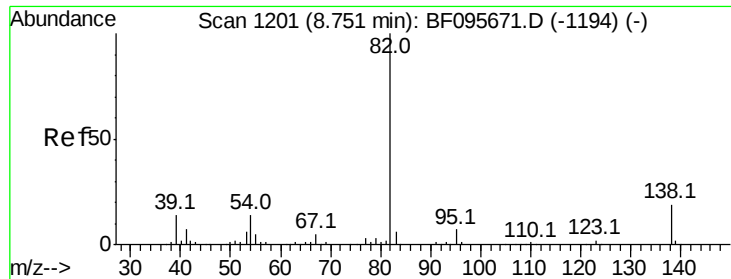
mohammad
 6/12/2017 1:28:01 PM



#24
 Nitrobenzene
 Concen: 43.72 ng
 RT: 8.32 min Scan# 1144
 Delta R.T. -0.04 min
 Lab File: BF095848.D
 Acq: 10 Jun 2017 15:21

Tgt Ion	Ratio	Resp	Lower	Upper
77	100			
123	52.4	35.8	53.8	
65	12.5	10.6	15.8	





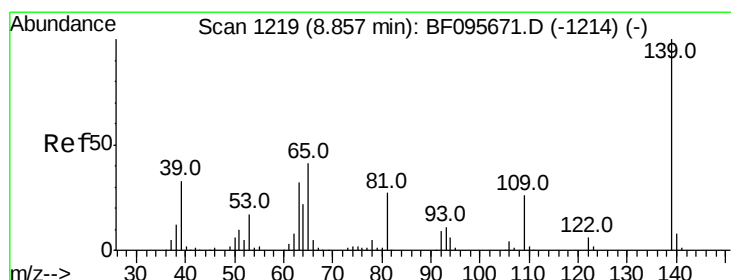
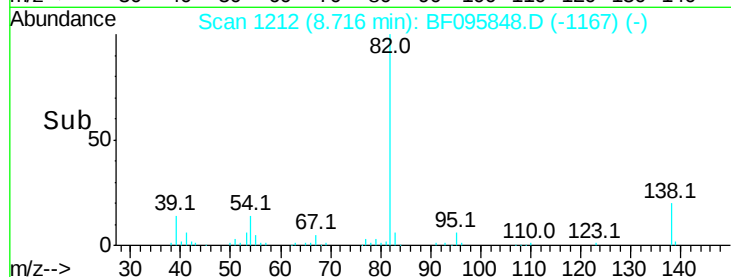
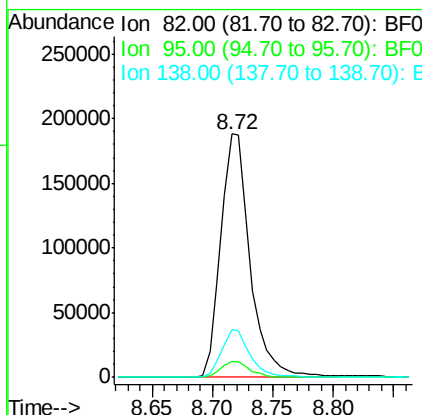
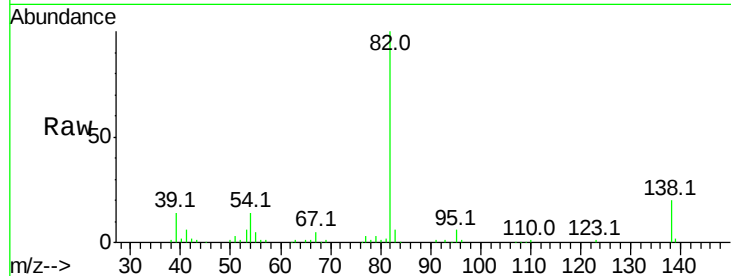
#25
Isophorone
Concen: 44.74 ng
RT: 8.72 min Scan# 1212
Delta R.T. -0.04 min
Lab File: BF095848.D
Acq: 10 Jun 2017 15:21

Instrument :
BNA_F
ClientSampleId :
PB99662BS

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
95	6.3	5.3	7.9	
138	19.8	13.1	19.7	

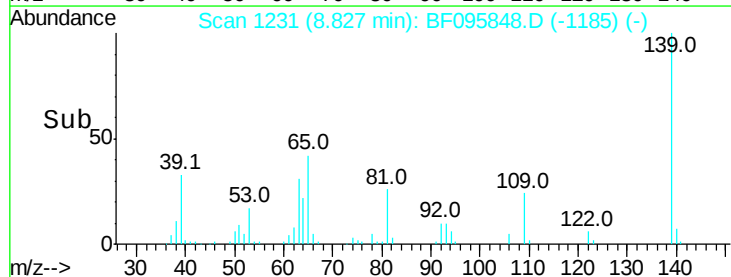
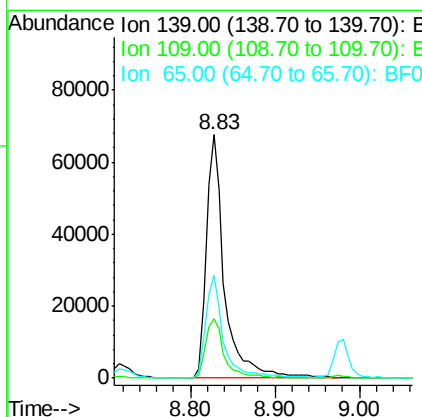
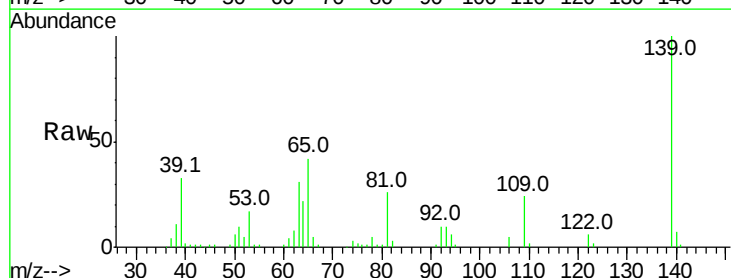
Manual Integrations
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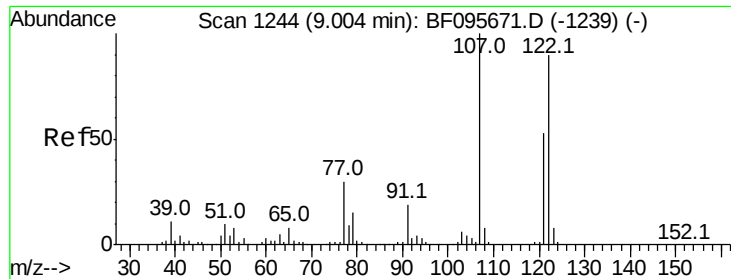
mohammad
6/12/2017 1:28:01 PM



#26
2-Nitrophenol
Concen: 47.71 ng
RT: 8.83 min Scan# 1231
Delta R.T. -0.03 min
Lab File: BF095848.D
Acq: 10 Jun 2017 15:21

Tgt Ion	Ratio	Resp	Lower	Upper
139	100			
109	24.3	21.0	31.6	
65	42.2	33.0	49.6	





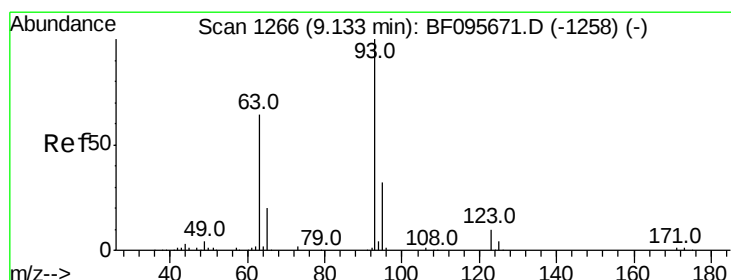
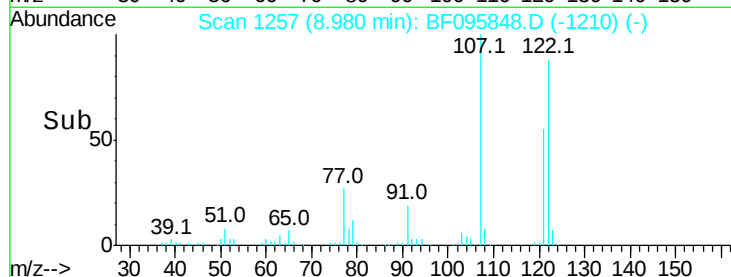
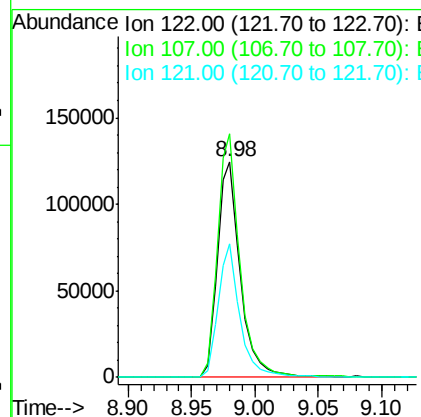
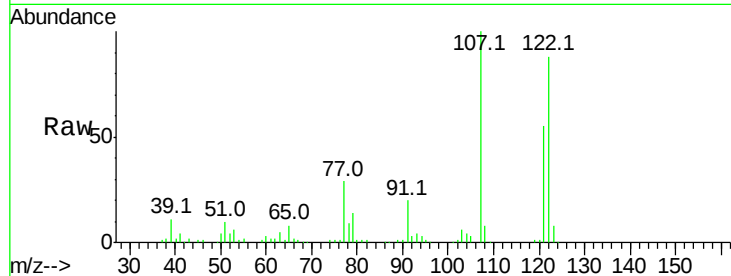
#27
 2,4-Dimethylphenol
 Concen: 48.50 ng
 RT: 8.98 min Scan# 1257
 Delta R.T. -0.02 min
 Lab File: BF095848.D
 Acq: 10 Jun 2017 15:21

Instrument :
 BNA_F
 ClientSampleId :
 PB99662BS

Tot Ion	Ratio	Resp	Lower	Upper
122	100	159200		
107	113.0	89.2	133.8	
121	61.9	45.2	67.8	

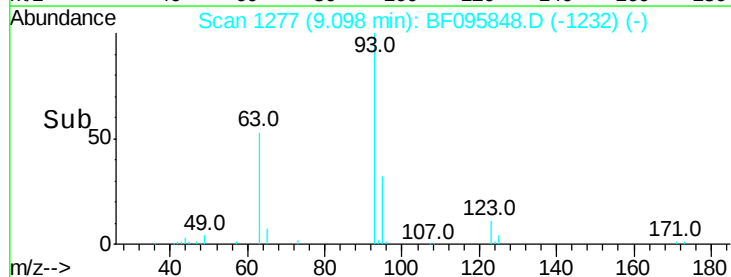
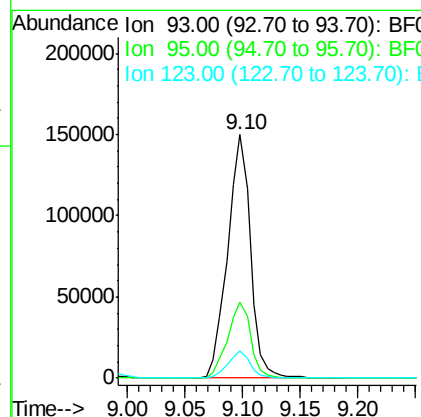
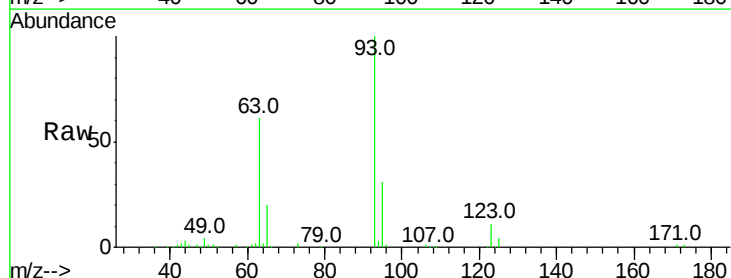
Manual Integrations
 APPROVED

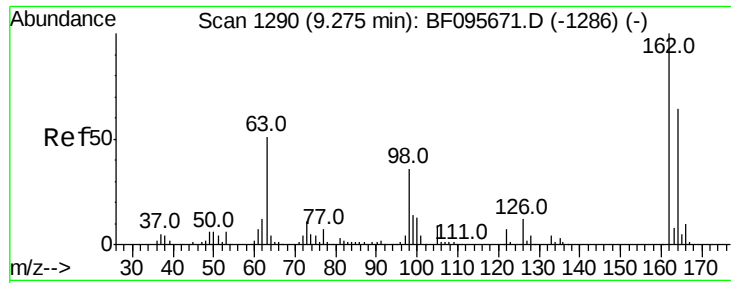
mohammad
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#28
 bis(2-Chloroethoxy)methane
 Concen: 44.23 ng
 RT: 9.10 min Scan# 1277
 Delta R.T. -0.04 min
 Lab File: BF095848.D
 Acq: 10 Jun 2017 15:21

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	205837		
95	31.0	26.5	39.7	
123	11.4	9.0	13.4	





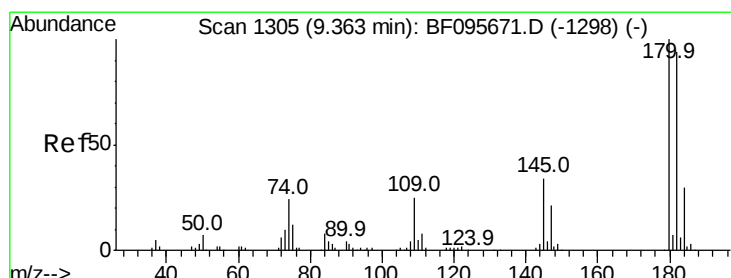
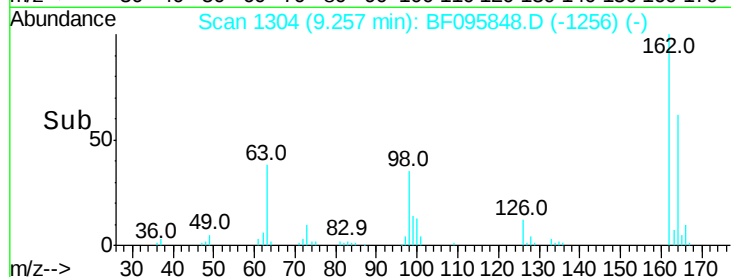
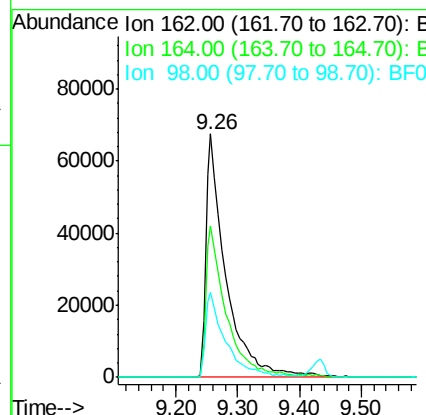
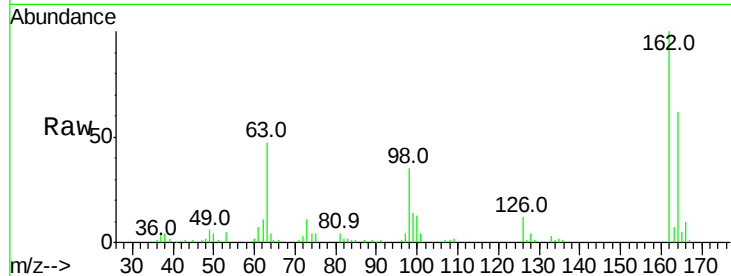
#29
 2,4-Dichlorophenol
 Concen: 47.90 ng
 RT: 9.26 min Scan# 1304
 Delta R.T. -0.02 min
 Lab File: BF095848.D
 Acq: 10 Jun 2017 15:21

Instrument :
 BNA_F
 ClientSampleId :
 PB99662BS

Tot Ion	Ratio	Resp Lower	Upper
162	100		
164	62.1	44.6	84.6
98	34.8	14.8	54.8

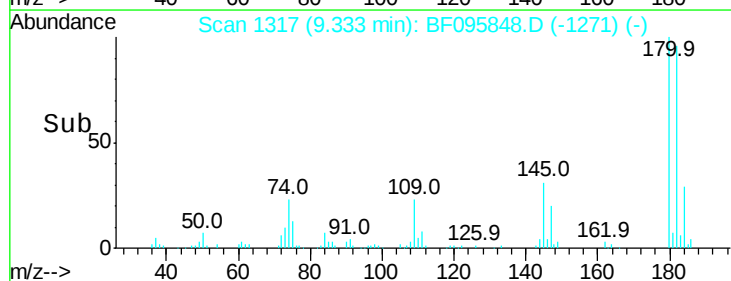
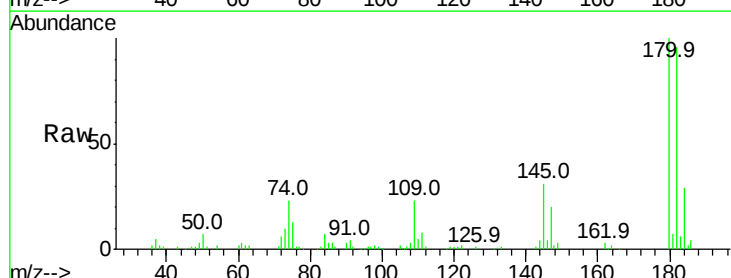
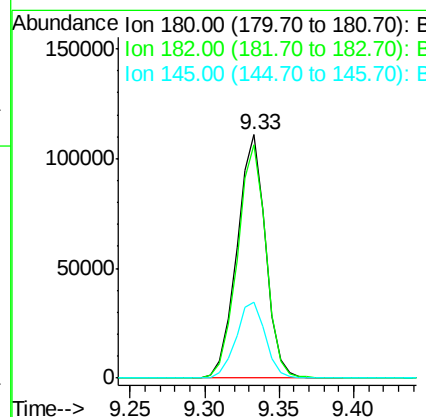
Manual Integrations
 APPROVED

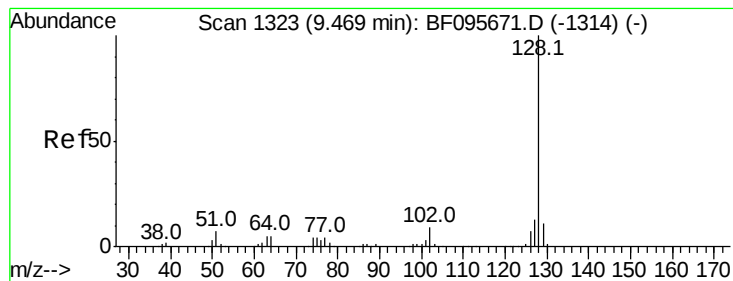
mohammad
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#30
 1,2,4-Trichlorobenzene
 Concen: 45.08 ng
 RT: 9.33 min Scan# 1317
 Delta R.T. -0.03 min
 Lab File: BF095848.D
 Acq: 10 Jun 2017 15:21

Tgt Ion	Ratio	Resp Lower	Upper
180	100		
182	95.8	75.8	113.6
145	31.4	25.3	37.9





#31

Naphthalene

Concen: 44.14 ng

RT: 9.43 min Scan# 1334

Delta R.T. -0.04 min

Lab File: BF095848.D

Acq: 10 Jun 2017 15:21

Instrument :

BNA_F

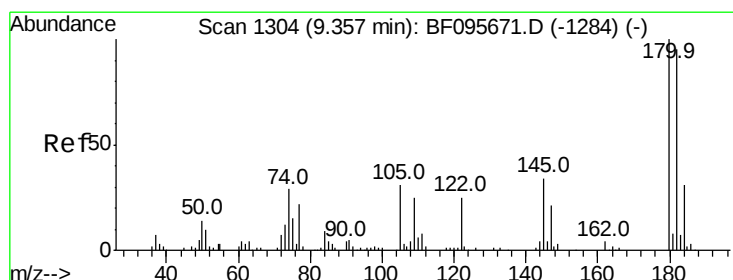
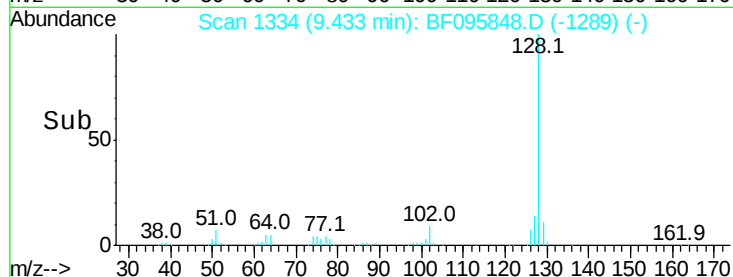
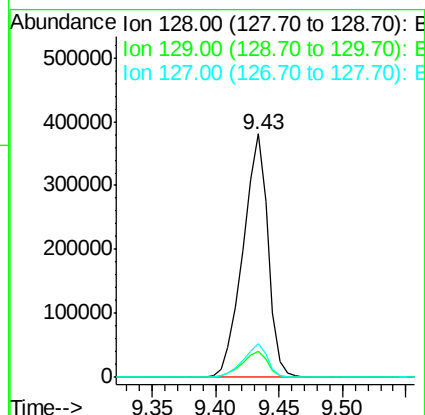
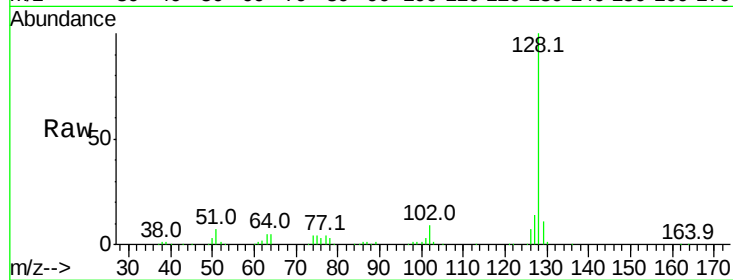
ClientSampleId :

PB99662BS

Tot Ion:	128	Resp:	520266
Ion Ratio	Lower	Upper	
128	100		
129	10.9	9.0	13.6
127	13.8	10.8	16.2

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#32

Benzoic acid

Concen: 9.93 ng m

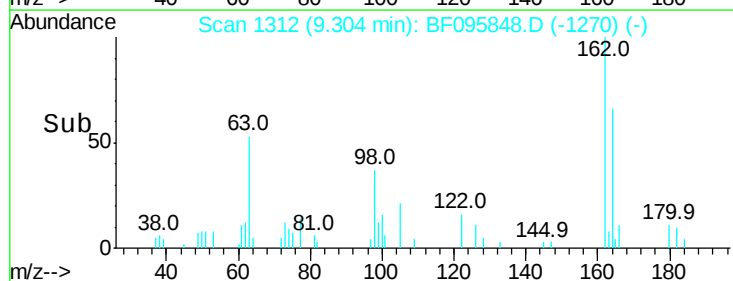
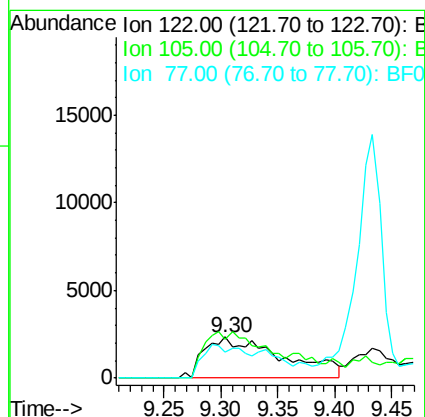
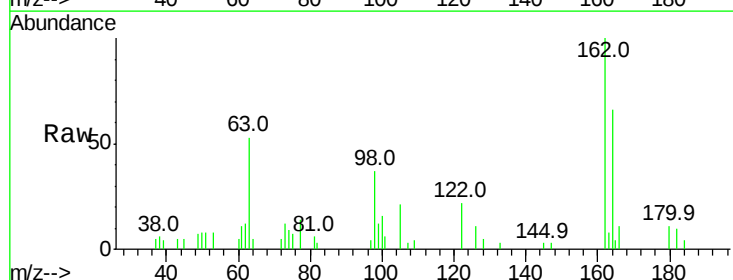
RT: 9.30 min Scan# 1312

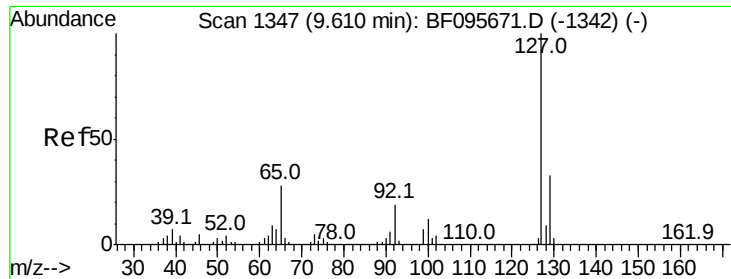
Delta R.T. -0.05 min

Lab File: BF095848.D

Acq: 10 Jun 2017 15:21

Tgt Ion:	122	Resp:	11064
Ion Ratio	Lower	Upper	
122	100		
105	93.6	103.3	143.3#
77	62.1	73.7	113.7#





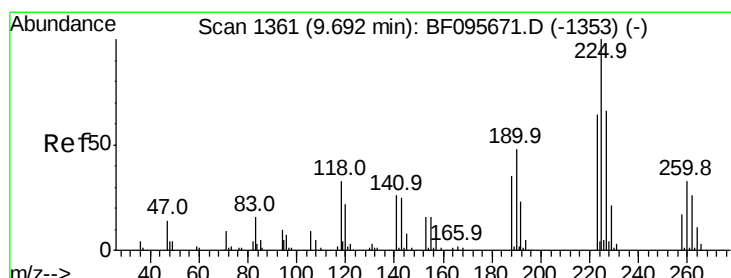
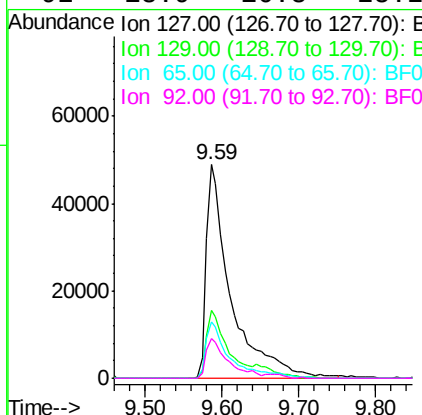
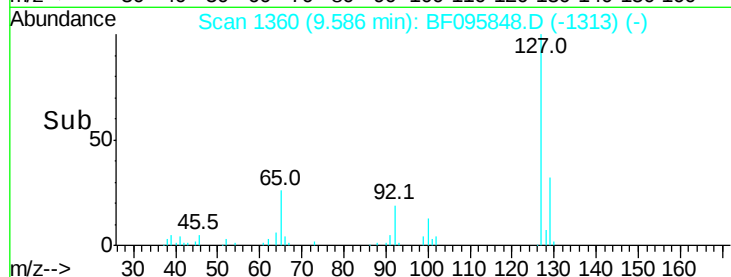
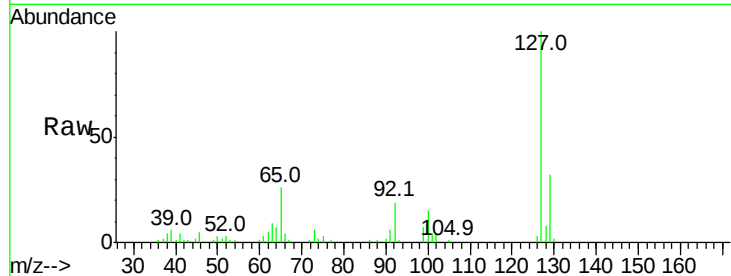
#33
4-Chloroaniline
Concen: 23.48 ng
RT: 9.59 min Scan# 1360
Delta R.T. -0.02 min
Lab File: BF095848.D
Acq: 10 Jun 2017 15:21

Instrument :
BNA_F
ClientSampleId :
PB99662BS

Tot Ion	Ratio	Resp Lower	Upper
127	100		
129	31.9	26.2	39.2
65	26.5	27.8	41.8
92	18.9	16.8	25.2

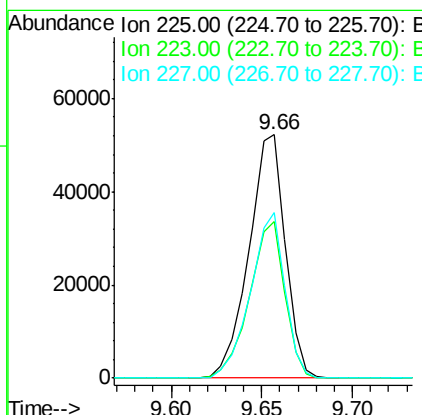
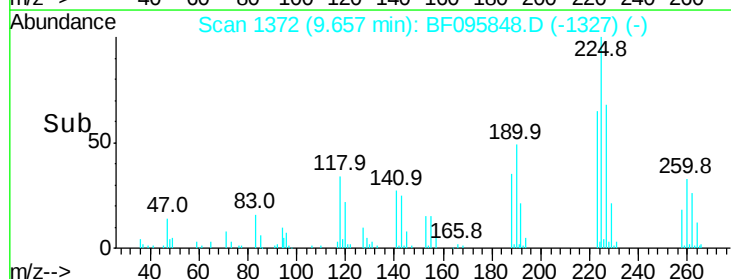
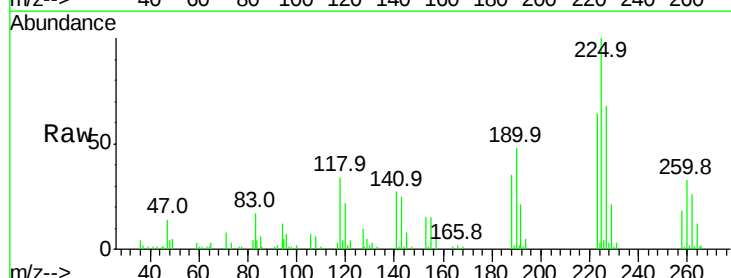
Manual Integrations
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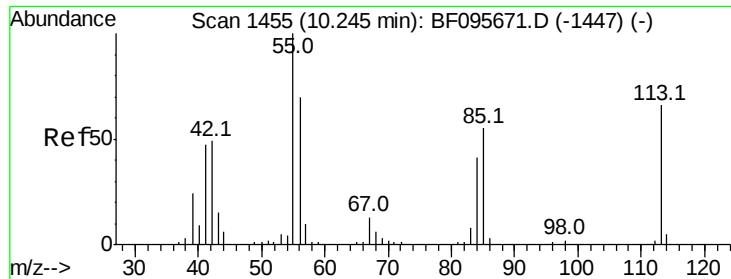
mohammad
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#34
Hexachlorobutadiene
Concen: 42.85 ng
RT: 9.66 min Scan# 1372
Delta R.T. -0.04 min
Lab File: BF095848.D
Acq: 10 Jun 2017 15:21

Tgt Ion	Ratio	Resp Lower	Upper
225	100		
223	64.4	48.8	73.2
227	67.9	51.1	76.7





#35

Caprolactam

Concen: 52.12 ng/mL

RT: 10.22 min Scan# 1468

Delta R.T. -0.02 min

Lab File: BF095848.D

Acq: 10 Jun 2017 15:21

Instrument :

BNA_F

ClientSampleID :

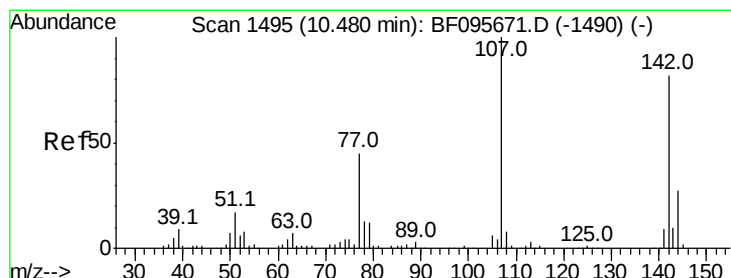
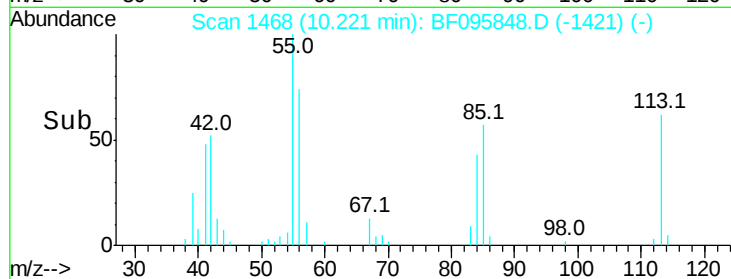
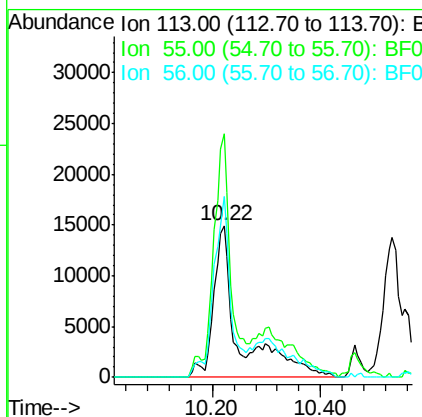
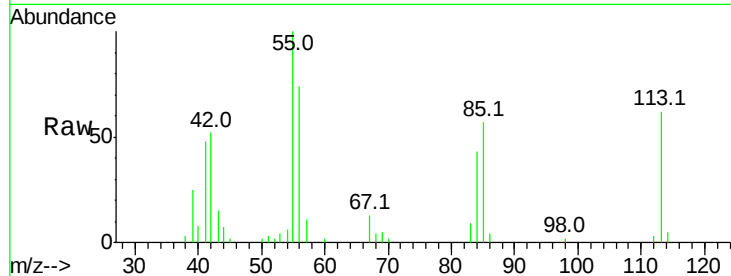
PB99662BS

Tot Ion:113 Resp: 49028

Ion	Ratio	Lower	Upper
113	100		
55	160.4	150.2	190.2
56	119.2	107.8	147.8

Manual Integrations
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#36

4-Chloro-3-methylphenol

Concen: 48.75 ng/mL

RT: 10.46 min Scan# 1509

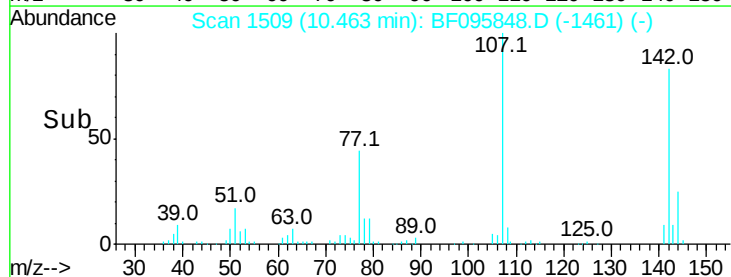
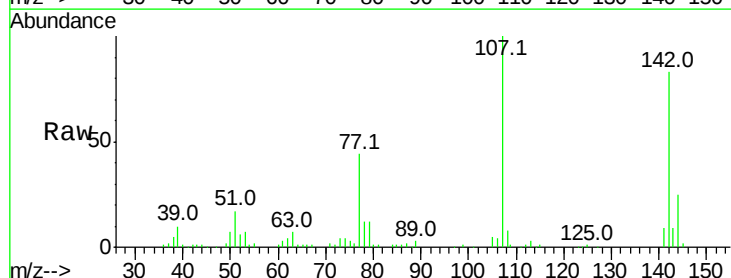
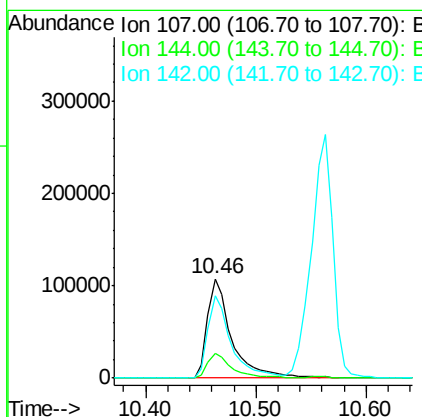
Delta R.T. -0.02 min

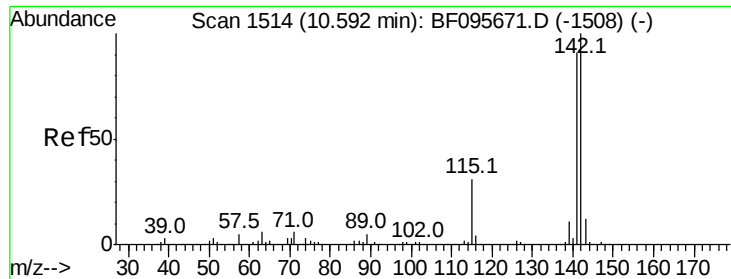
Lab File: BF095848.D

Acq: 10 Jun 2017 15:21

Tgt Ion:107 Resp: 161333

Ion	Ratio	Lower	Upper
107	100		
144	24.9	24.2	36.4
142	82.8	73.4	110.0





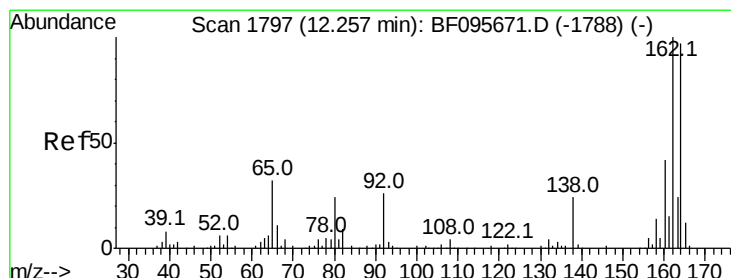
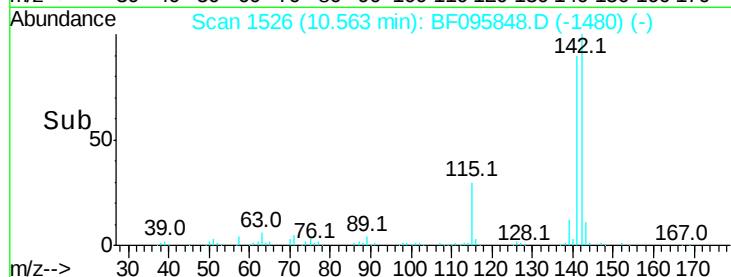
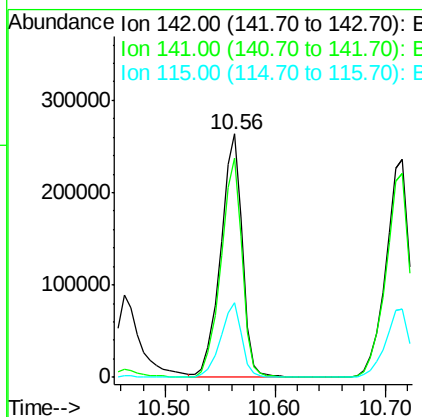
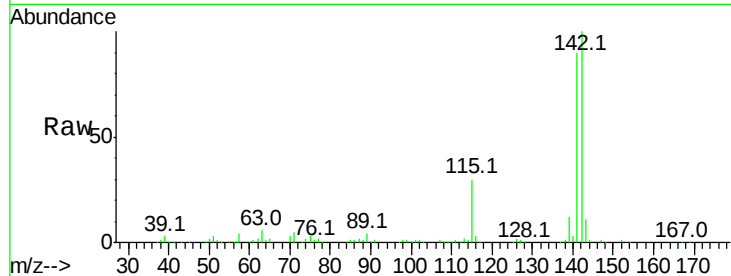
#37
2-Methylnaphthalene
Concen: 45.24 ng
RT: 10.56 min Scan# 1526
Delta R.T. -0.03 min
Lab File: BF095848.D
Acq: 10 Jun 2017 15:21

Instrument :
BNA_F
ClientSampleId :
PB99662BS

Tot Ion	Ratio	Resp	Lower	Upper
142	100	360283		
141	89.9	71.3	106.9	
115	30.5	27.1	40.7	

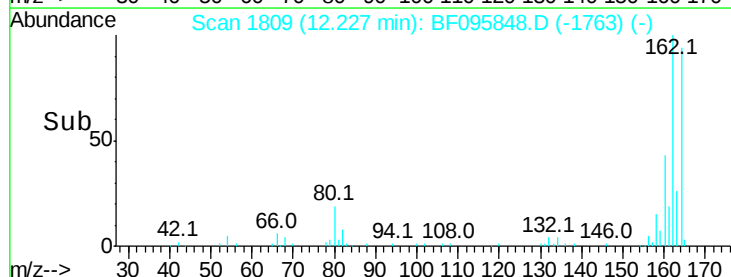
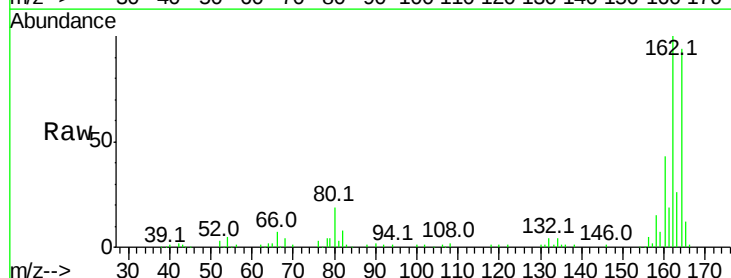
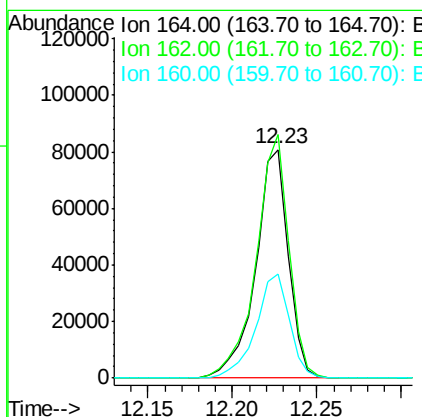
Manual Integrations
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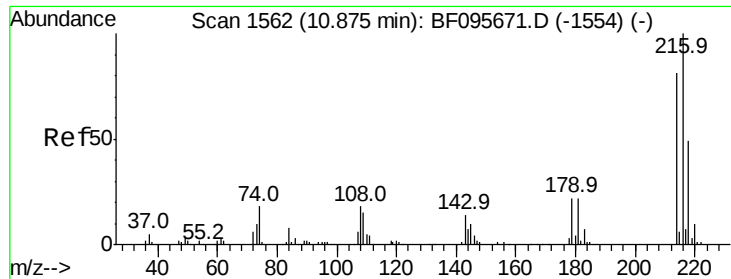
mohammad
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 12.23 min Scan# 1809
Delta R.T. -0.03 min
Lab File: BF095848.D
Acq: 10 Jun 2017 15:21

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	108754		
162	106.5	82.6	123.8	
160	45.5	36.2	54.2	





#39

1,2,4,5-Tetrachlorobenzene

Concen: 43.31 ng

RT: 10.84 min Scan# 1574

Delta R.T. -0.03 min

Lab File: BF095848.D

Acq: 10 Jun 2017 15:21

Instrument :

BNA_F

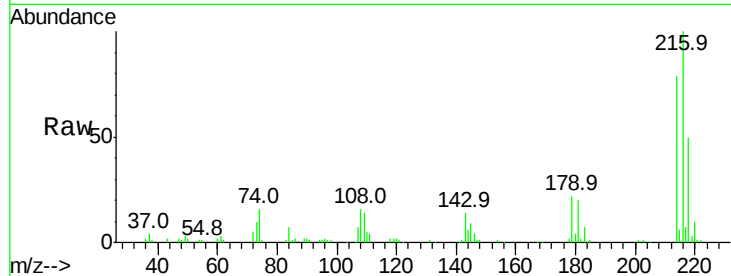
ClientSampleId :

PB99662BS

Tot Ion	Ratio	Resp	Lower	Upper
216	100	140957		
214	78.0		63.4	95.2
179	21.7		17.9	26.9
108	19.5		16.5	24.7

Manual Integrations
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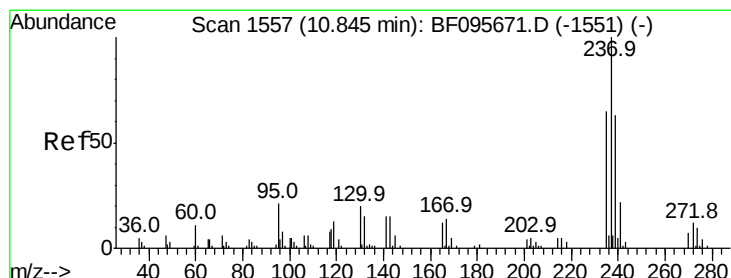
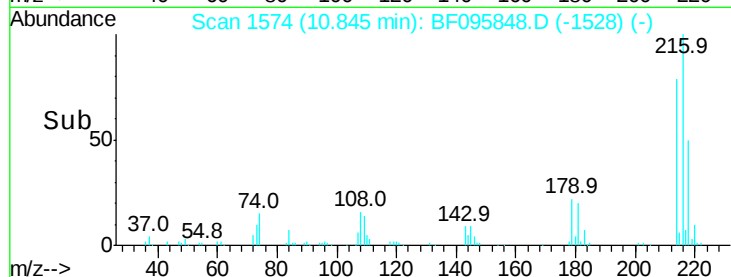
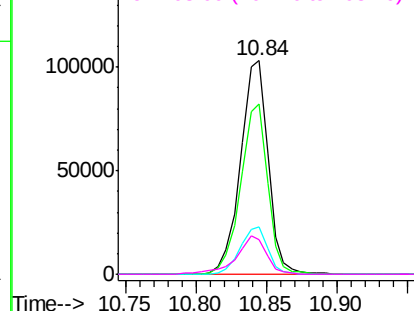
Abundance

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: 72.70 ng

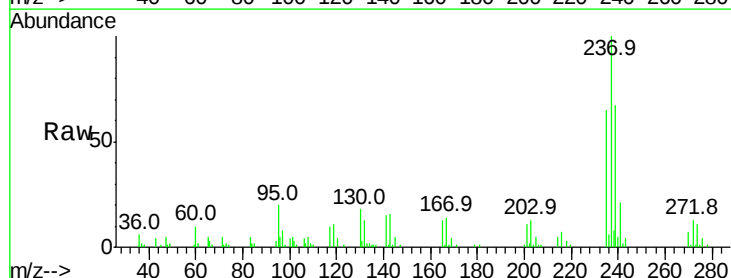
RT: 10.82 min Scan# 1569

Delta R.T. -0.03 min

Lab File: BF095848.D

Acq: 10 Jun 2017 15:21

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	72957		
235	64.9		42.6	82.6
272	13.4		0.0	31.9

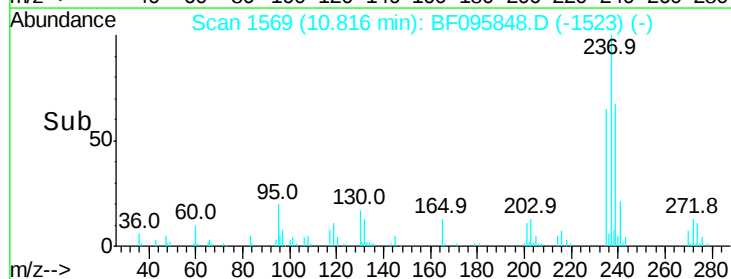
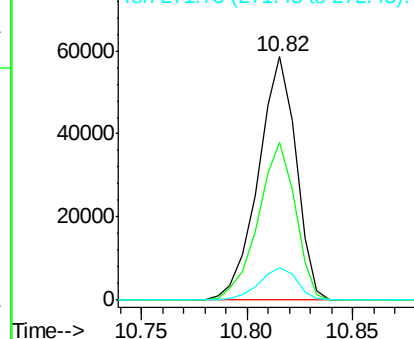


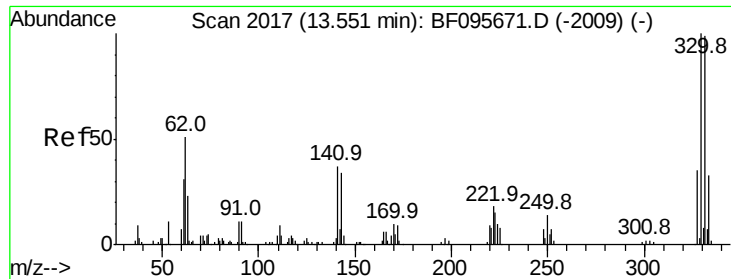
Abundance

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





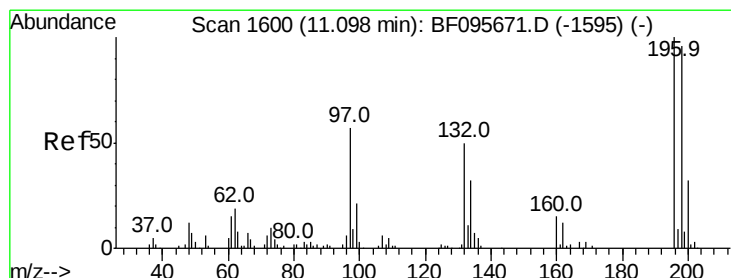
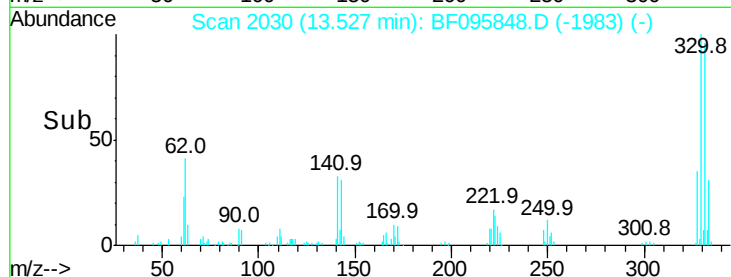
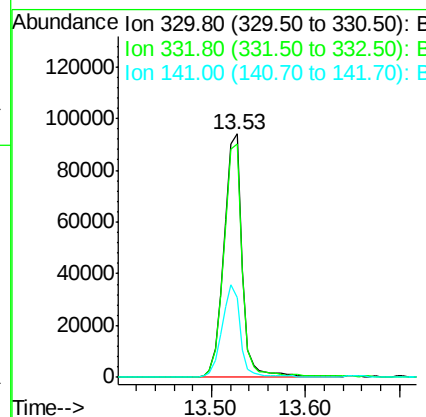
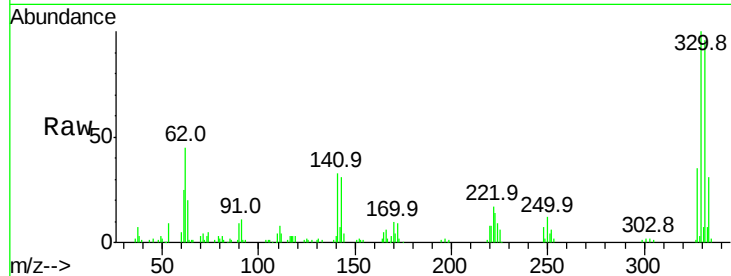
#41
 2,4,6-Tribromophenol
 Concen: 134.14 ng
 RT: 13.53 min Scan# 2030
 Delta R.T. -0.02 min
 Lab File: BF095848.D
 Acq: 10 Jun 2017 15:21

Instrument :
 BNA_F
 ClientSampleId :
 PB99662BS

Tot Ion	Ratio	Resp	Lower	Upper
330	100	129075		
332	96.6		76.6	115.0
141	38.1		31.4	47.2

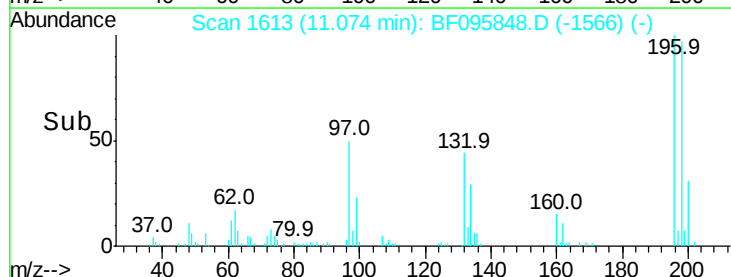
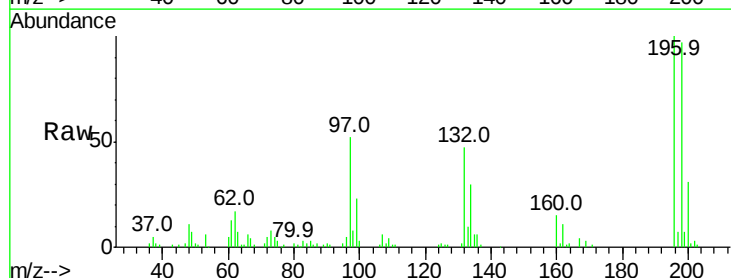
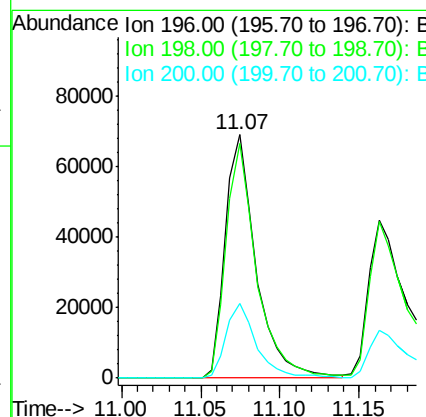
Manual Integrations
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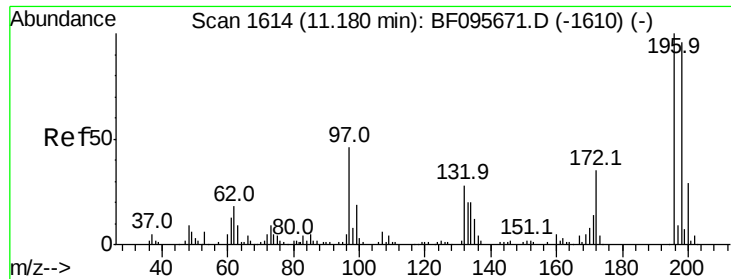
mohammad
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#42
 2,4,6-Trichlorophenol
 Concen: 44.78 ng
 RT: 11.07 min Scan# 1613
 Delta R.T. -0.02 min
 Lab File: BF095848.D
 Acq: 10 Jun 2017 15:21

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	93706		
198	96.5		74.2	111.4
200	30.5		24.0	36.0





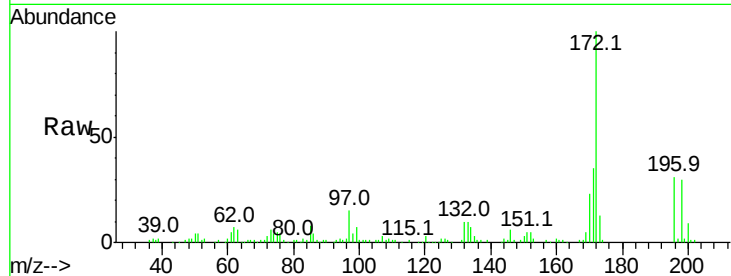
#43
 2,4,5-Trichlorophenol
 Concen: 42.69 ng
 RT: 11.16 min Scan# 1628
 Delta R.T. -0.02 min
 Lab File: BF095848.D
 Acq: 10 Jun 2017 15:21

Instrument :
 BNA_F
 ClientSampled :
 PB99662BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	95017		
198	98.5	75.7	113.5	
97	50.4	47.7	71.5	
132	32.9	28.0	42.0	

Manual Integrations
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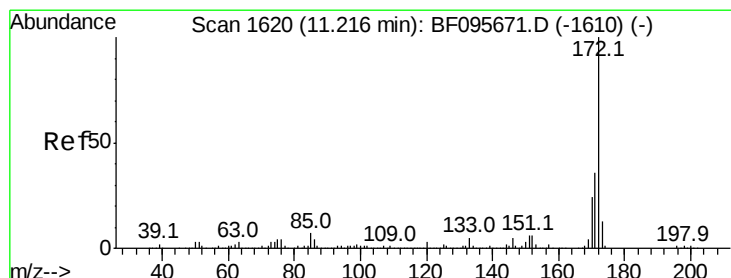
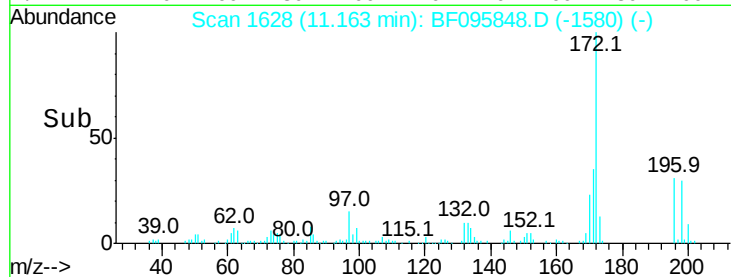
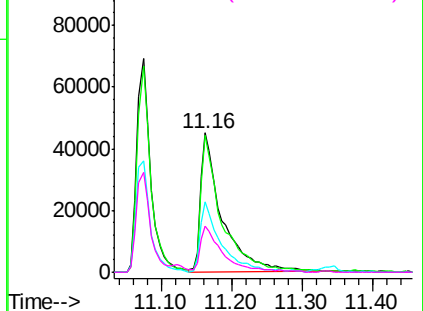
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BF0

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 87.57 ng
 RT: 11.18 min Scan# 1631
 Delta R.T. -0.04 min
 Lab File: BF095848.D
 Acq: 10 Jun 2017 15:21

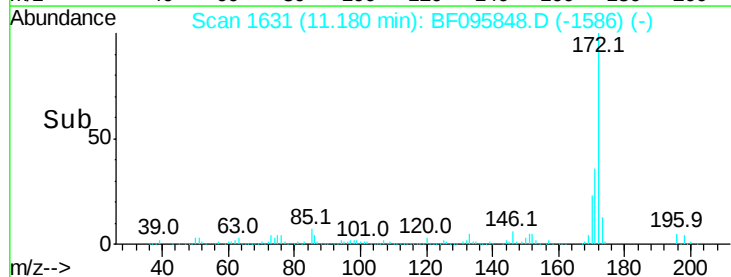
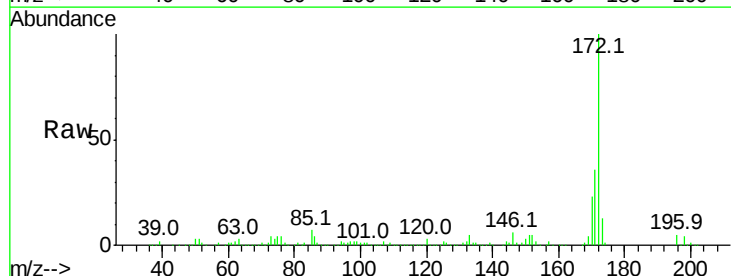
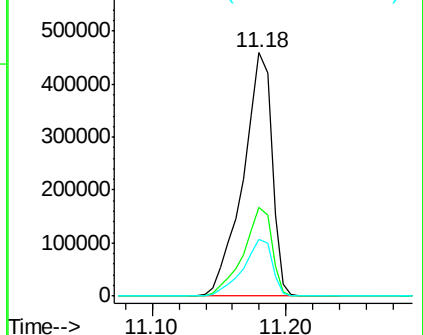
Tgt Ion	Ratio	Resp	Lower	Upper
172	100	684384		
171	36.5	29.6	44.4	
170	23.2	19.8	29.8	

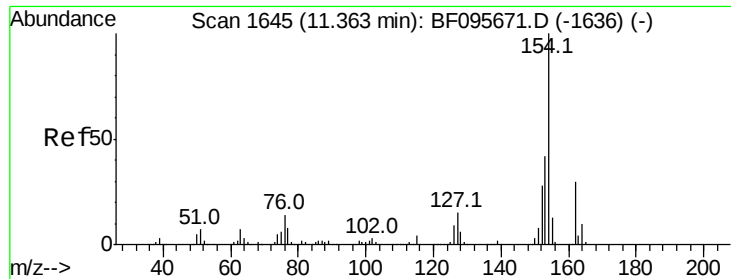
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





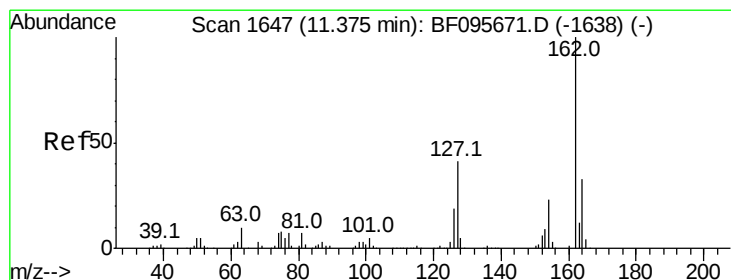
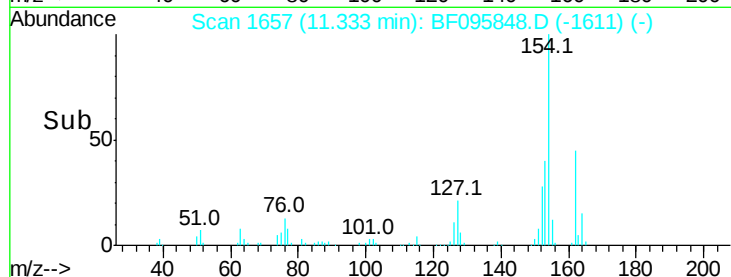
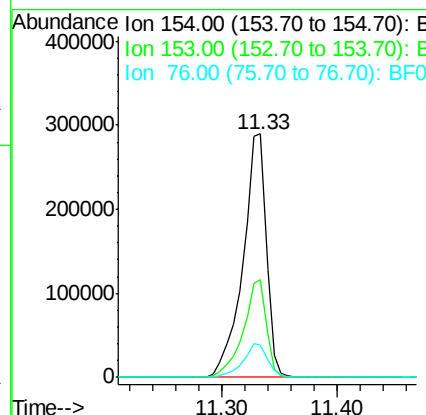
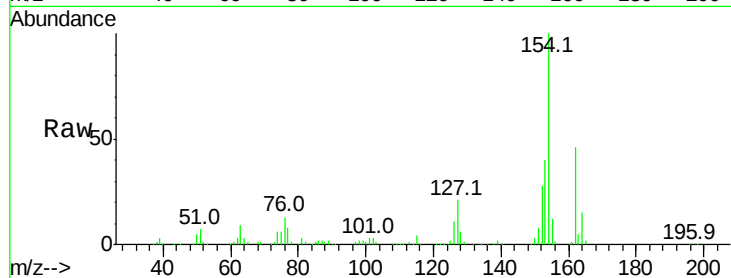
#45
 1,1'-Biphenyl
 Concen: 45.35 ng
 RT: 11.33 min Scan# 1657
 Delta R.T. -0.03 min
 Lab File: BF095848.D
 Acq: 10 Jun 2017 15:21

Instrument :
 BNA_F
 ClientSampleId :
 PB99662BS

Tot Ion	Ratio	Resp Lower	Resp Upper
154	100		
153	39.9	21.2	61.2
76	13.3	0.0	29.9

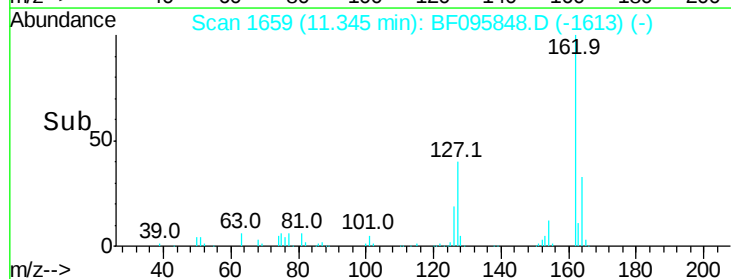
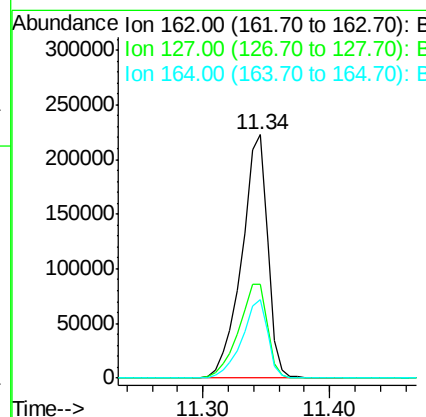
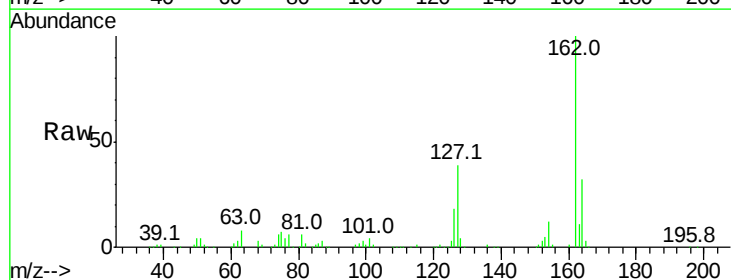
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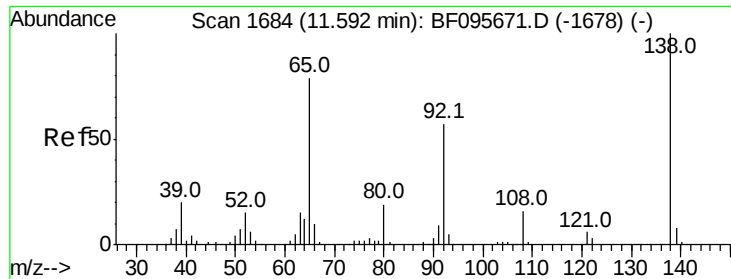
mohammad
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#46
 2-Chloronaphthalene
 Concen: 44.88 ng
 RT: 11.34 min Scan# 1659
 Delta R.T. -0.03 min
 Lab File: BF095848.D
 Acq: 10 Jun 2017 15:21

Tgt Ion	Ratio	Resp Lower	Resp Upper
162	100		
127	38.7	28.3	42.5
164	32.4	27.0	40.4





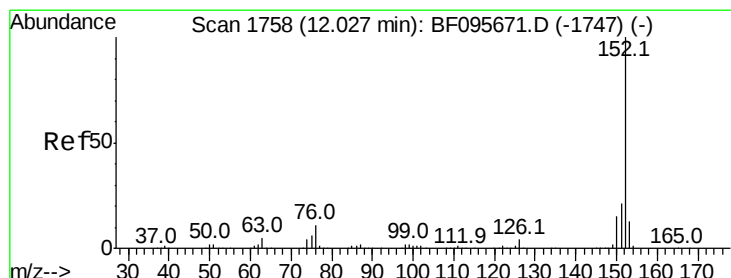
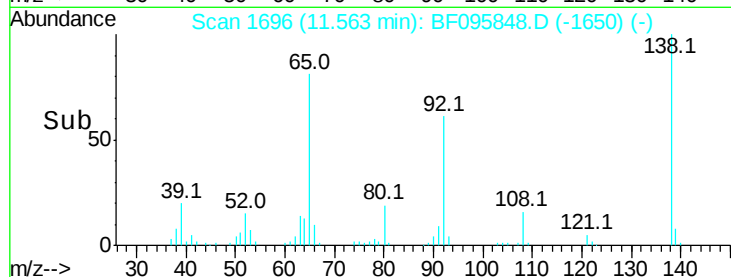
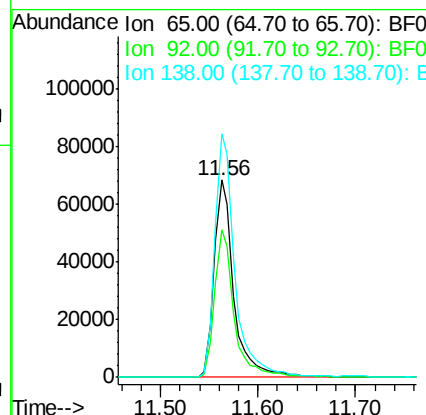
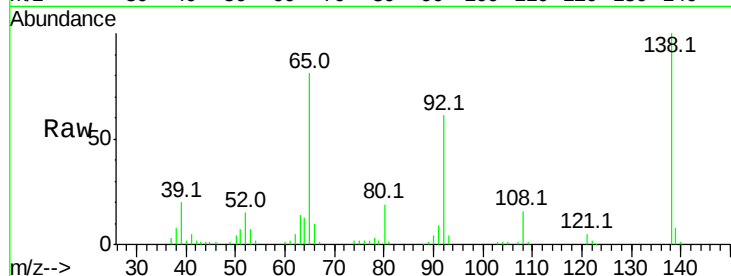
#47
2-Nitroaniline
Concen: 47.09 ng
RT: 11.56 min Scan# 1696
Delta R.T. -0.03 min
Lab File: BF095848.D
Acq: 10 Jun 2017 15:21

Instrument :
BNA_F
ClientSampled :
PB99662BS

Tot Ion	Ratio	Lower	Upper
65	100		
92	74.9	53.9	80.9
138	123.5	78.8	118.2

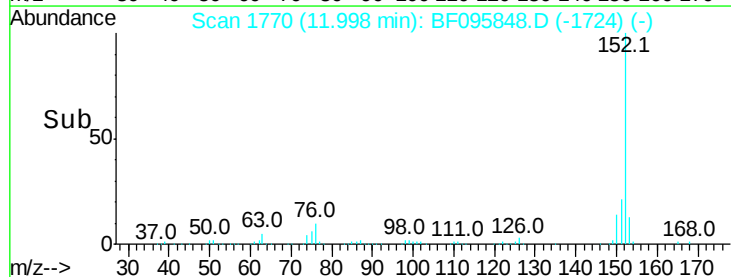
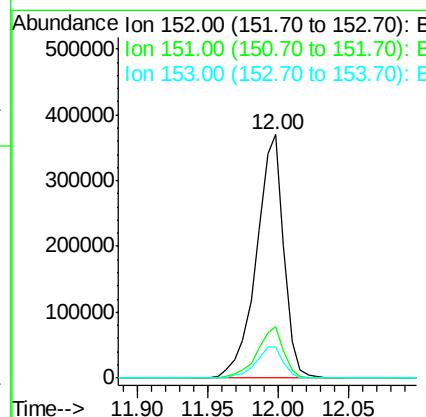
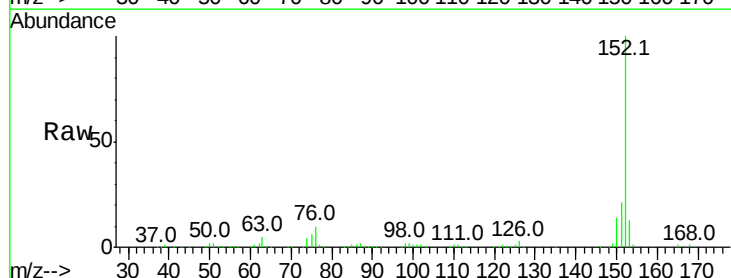
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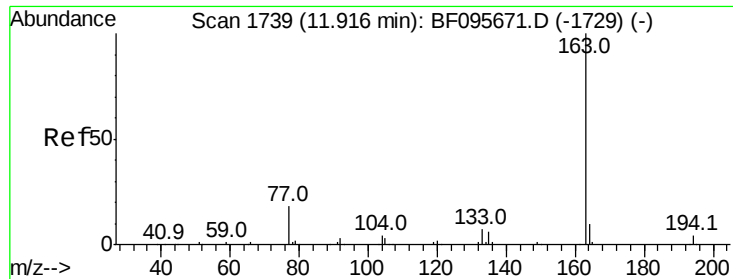
mohammad
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#48
Acenaphthylene
Concen: 42.17 ng
RT: 12.00 min Scan# 1770
Delta R.T. -0.03 min
Lab File: BF095848.D
Acq: 10 Jun 2017 15:21

Tgt Ion	Ratio	Lower	Upper
152	100		
151	21.0	16.8	25.2
153	12.7	10.8	16.2





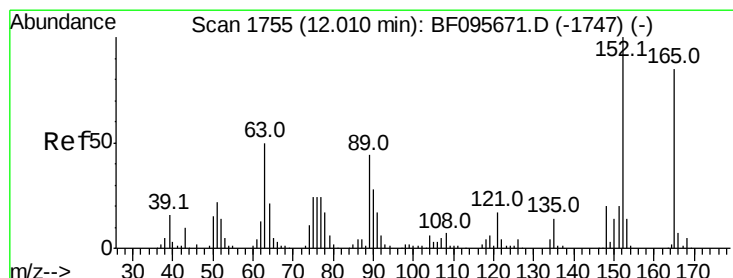
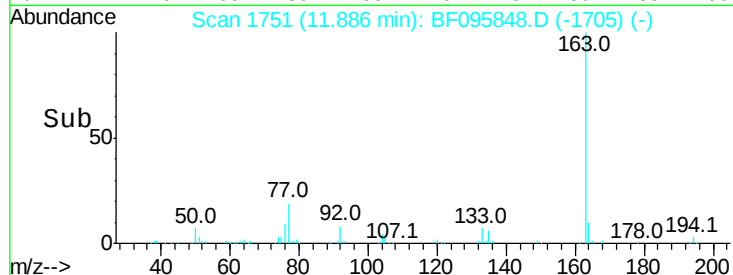
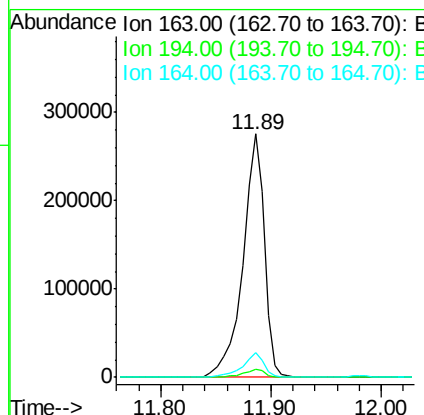
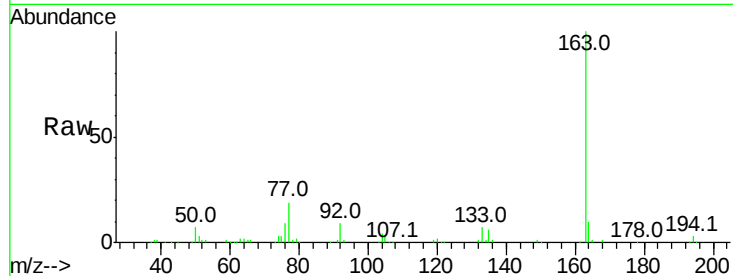
#49
Dimethylphthalate
Concen: 45.62 ng
RT: 11.89 min Scan# 1751
Delta R.T. -0.03 min
Lab File: BF095848.D
Acq: 10 Jun 2017 15:21

Instrument :
BNA_F
ClientSampleId :
PB99662BS

Tot Ion	Ratio	Resp	Lower	Upper
163	100			
194	3.3	2.6	4.0	
164	10.0	8.4	12.6	

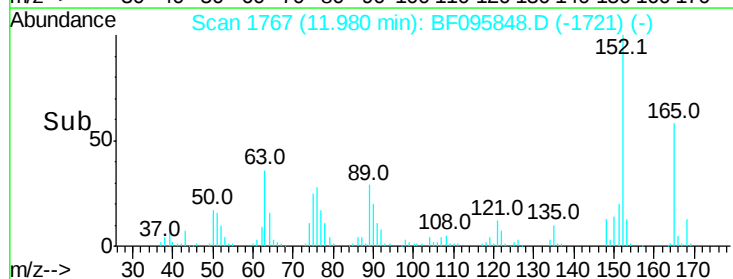
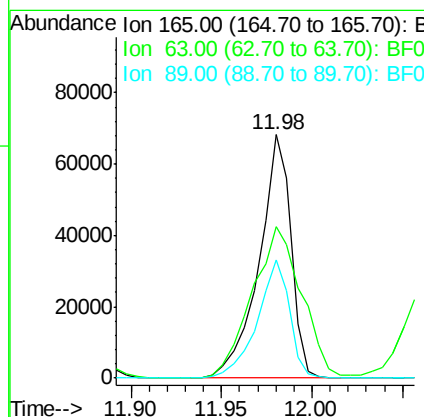
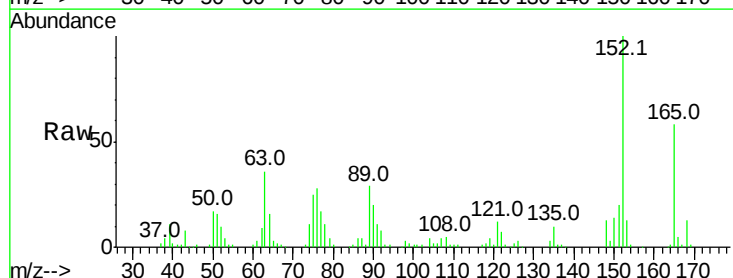
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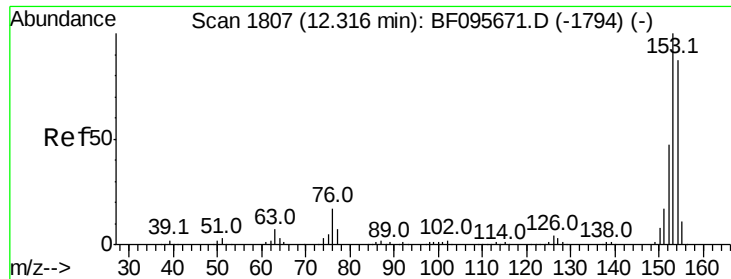
mohammad
6/12/2017 1:28:01 PM



#50
2,6-Dinitrotoluene
Concen: 46.36 ng
RT: 11.98 min Scan# 1767
Delta R.T. -0.03 min
Lab File: BF095848.D
Acq: 10 Jun 2017 15:21

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	62.1	34.3	51.5#	
89	48.7	37.1	55.7	





#51

Acenaphthene

Concen: 43.40 ng

RT: 12.28 min Scan# 1818

Delta R.T. -0.04 min

Lab File: BF095848.D

Acq: 10 Jun 2017 15:21

Instrument :

BNA_F

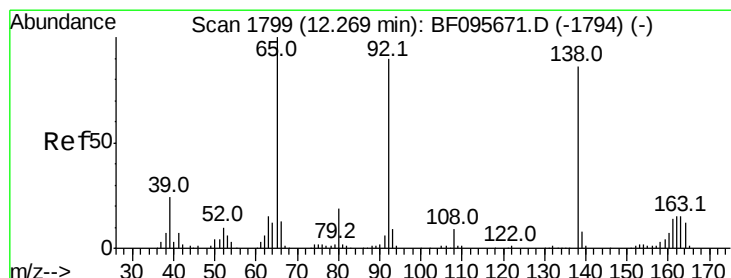
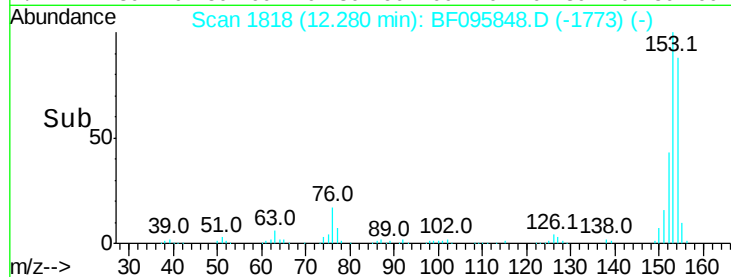
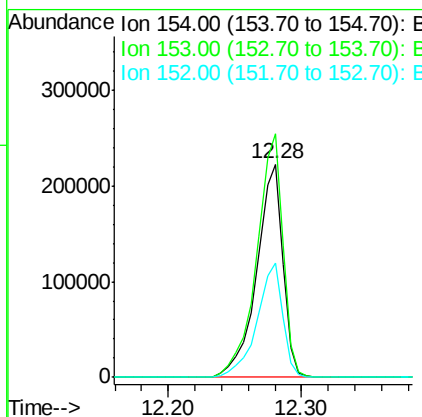
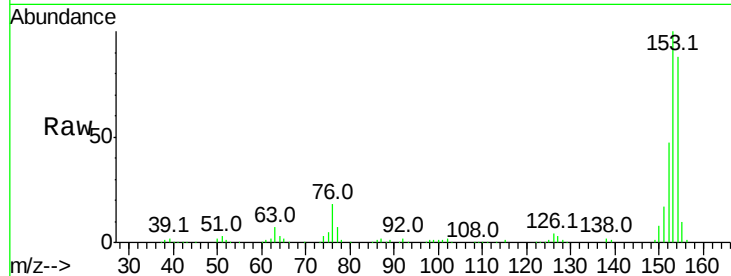
ClientSampleId :

PB99662BS

Tot Ion:	154	Resp:	300205
Ion Ratio	Lower	Upper	
154	100		
153	114.1	90.5	135.7
152	53.5	43.6	65.4

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#52

3-Nitroaniline

Concen: 31.02 ng

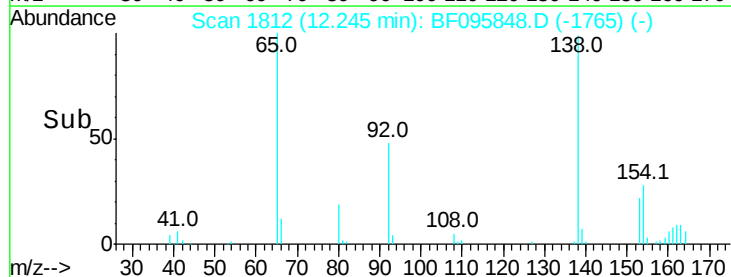
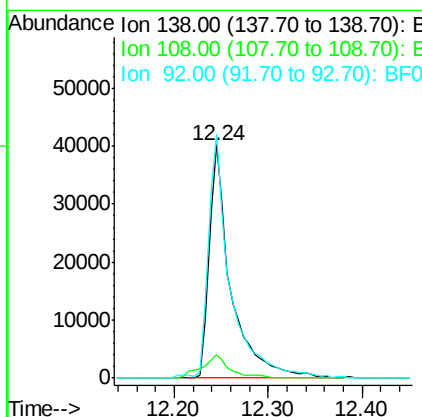
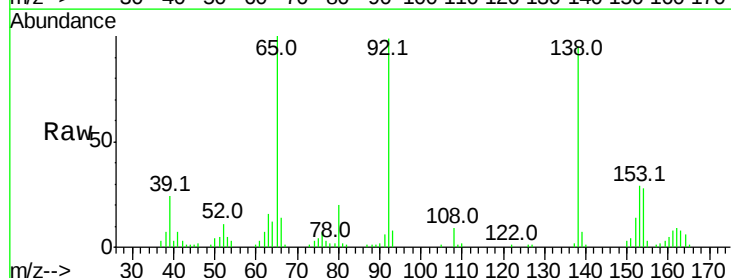
RT: 12.24 min Scan# 1812

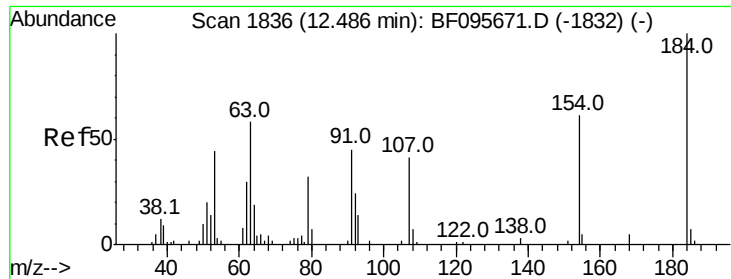
Delta R.T. -0.02 min

Lab File: BF095848.D

Acq: 10 Jun 2017 15:21

Tgt Ion:	138	Resp:	65103
Ion Ratio	Lower	Upper	
138	100		
108	9.9	9.1	13.7
92	104.5	93.8	140.6





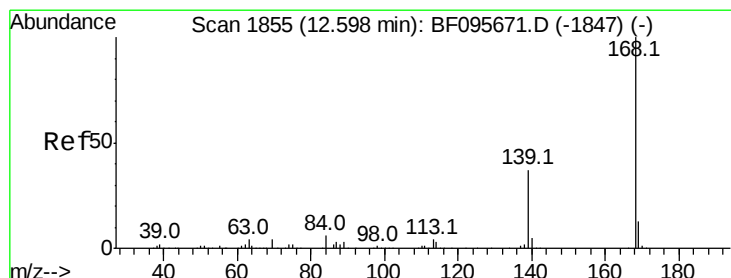
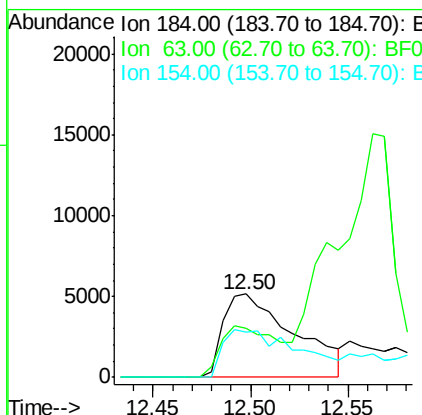
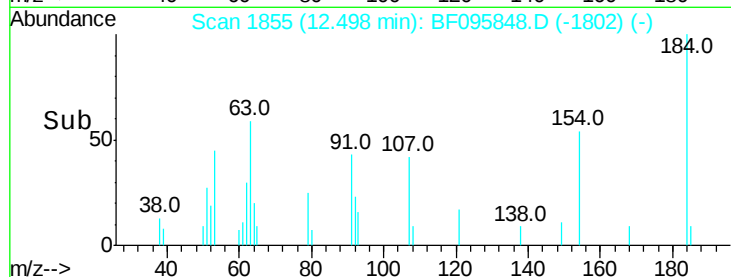
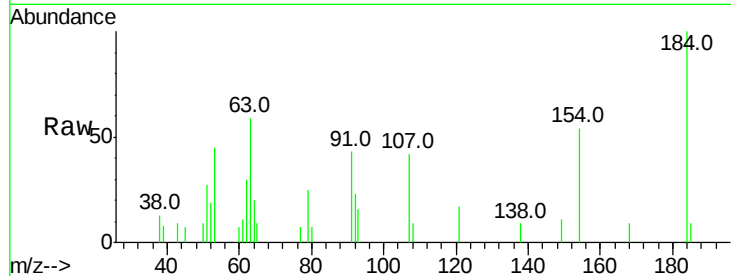
#53
 2,4-Dinitrophenol
 Concen: 18.17 ng
 RT: 12.50 min Scan# 1855
 Delta R.T. 0.01 min
 Lab File: BF095848.D
 Acq: 10 Jun 2017 15:21

Instrument :
 BNA_F
 ClientSampleID :
 PB99662BS

Tot Ion	Ratio	Lower	Upper
184	100		
63	58.9	62.7	94.1#
154	54.1	81.1	121.7#

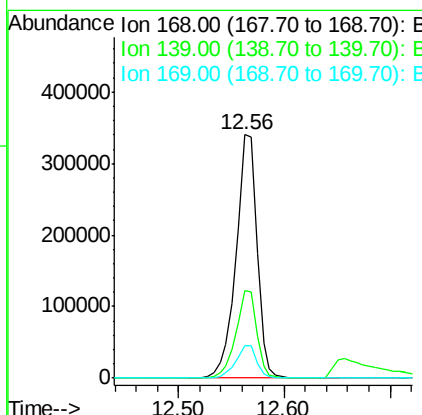
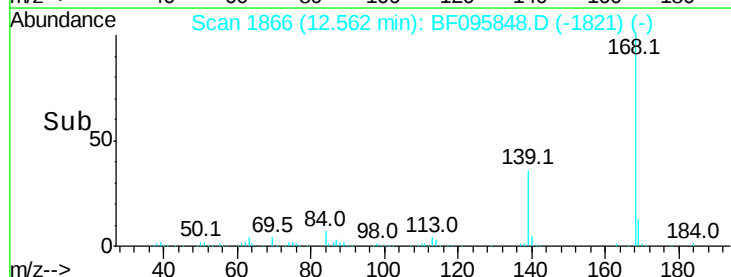
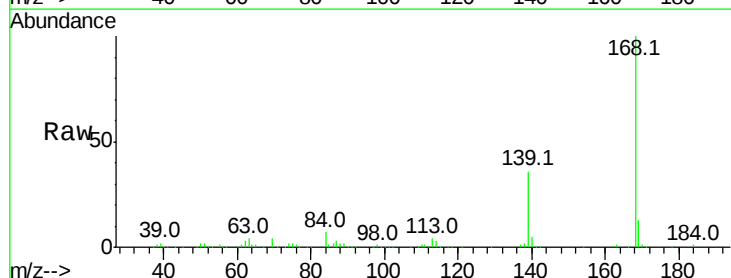
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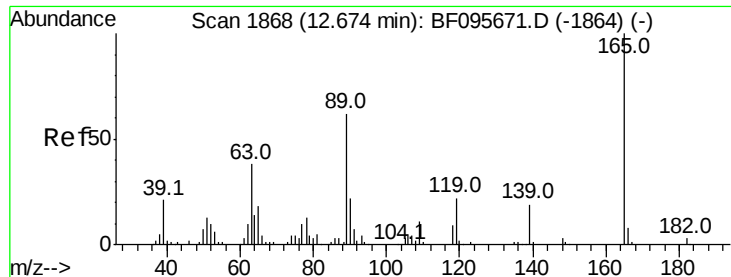
mohammad
 6/12/2017 1:28:01 PM



#54
 Dibenzofuran
 Concen: 47.64 ng
 RT: 12.56 min Scan# 1866
 Delta R.T. -0.04 min
 Lab File: BF095848.D
 Acq: 10 Jun 2017 15:21

Tgt Ion	Ratio	Lower	Upper
168	100		
139	36.0	30.6	45.8
169	13.1	10.8	16.2





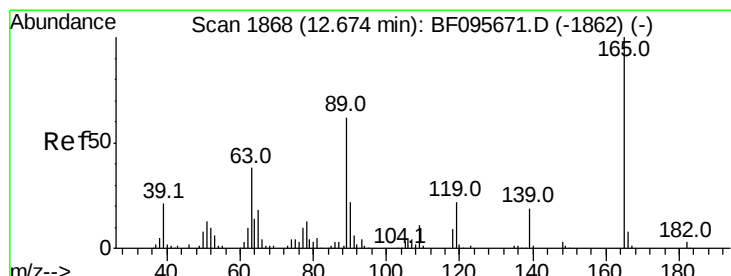
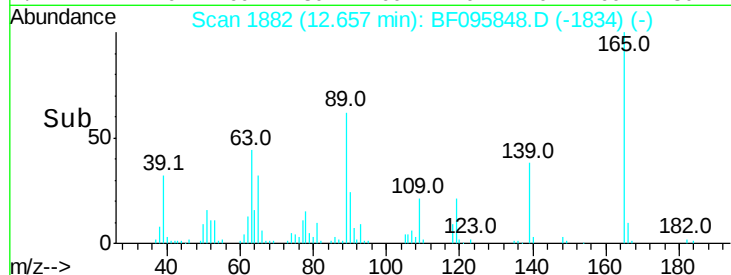
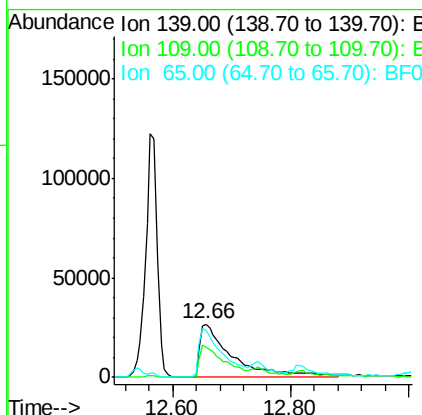
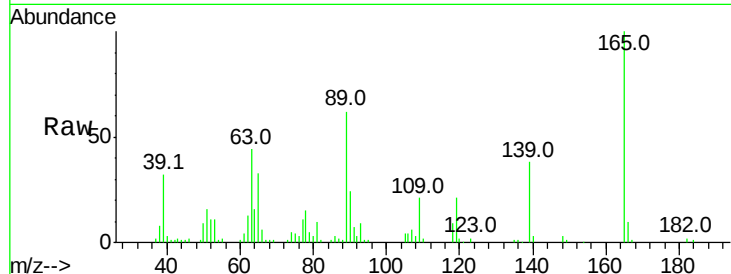
#55
4-Nitrophenol
Concen: 84.28 ng
RT: 12.66 min Scan# 1882
Delta R.T. -0.02 min
Lab File: BF095848.D
Acq: 10 Jun 2017 15:21

Instrument :
BNA_F
ClientSampleId :
PB99662BS

Tot Ion	Ratio	Resp	Lower	Upper
139	100			
109	56.7	34.1	74.1	
65	86.3	31.4	71.4	

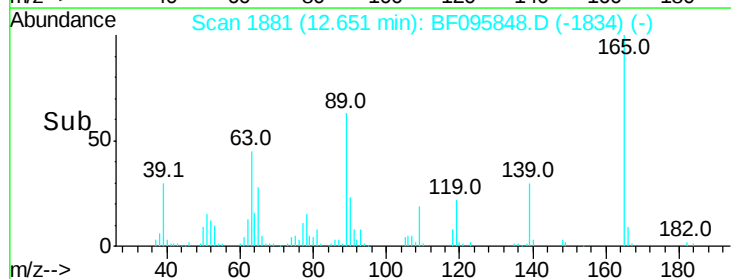
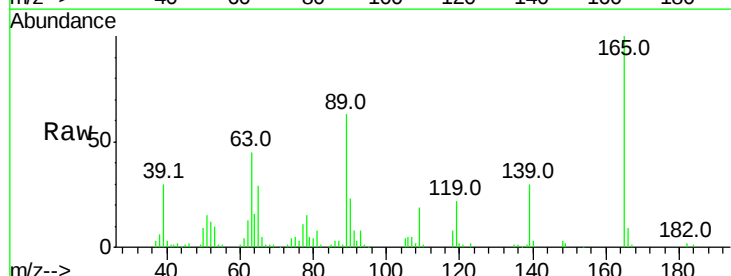
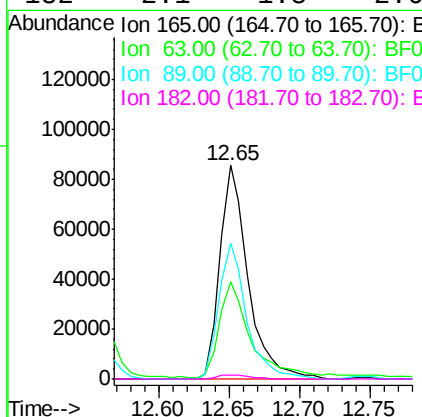
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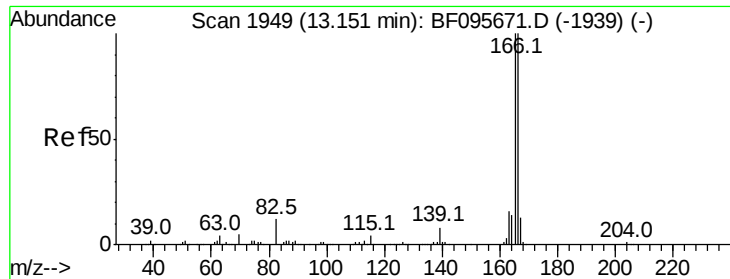
mohammad
6/12/2017 1:28:01 PM



#56
2,4-Dinitrotoluene
Concen: 48.71 ng
RT: 12.65 min Scan# 1881
Delta R.T. -0.02 min
Lab File: BF095848.D
Acq: 10 Jun 2017 15:21

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	45.5	25.4	38.0	
89	63.5	46.4	69.6	
182	2.1	1.8	2.6	





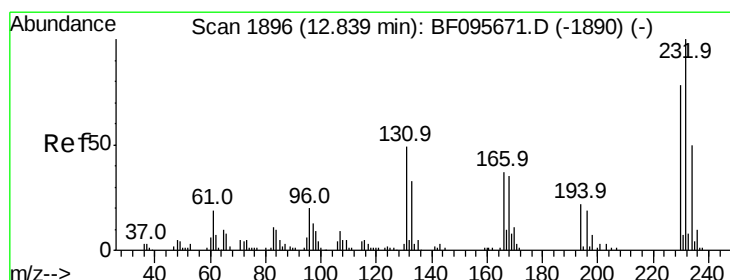
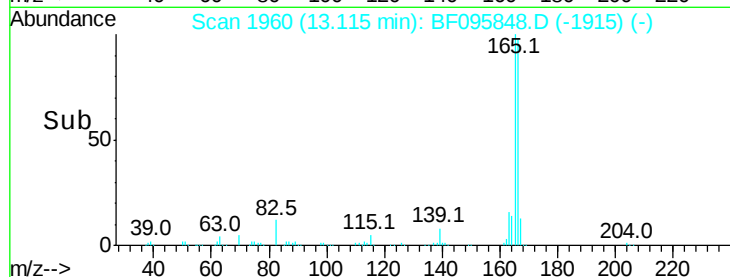
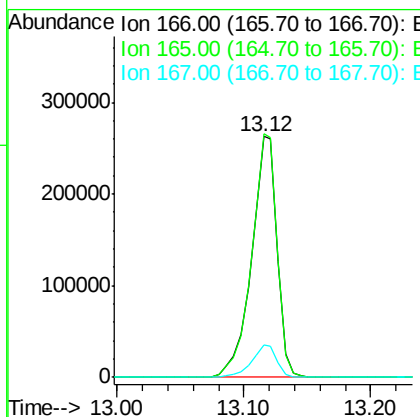
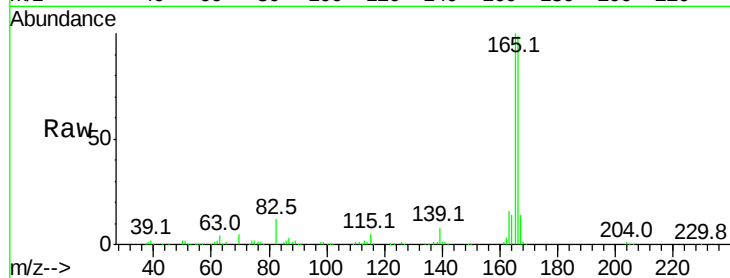
#57
 Fluorene
 Concen: 43.73 ng
 RT: 13.12 min Scan# 1960
 Delta R.T. -0.04 min
 Lab File: BF095848.D
 Acq: 10 Jun 2017 15:21

Instrument :
 BNA_F
 ClientSampleId :
 PB99662BS

Tot Ion	Ratio	Lower	Upper
166	100		
165	101.2	78.8	118.2
167	13.7	10.6	16.0

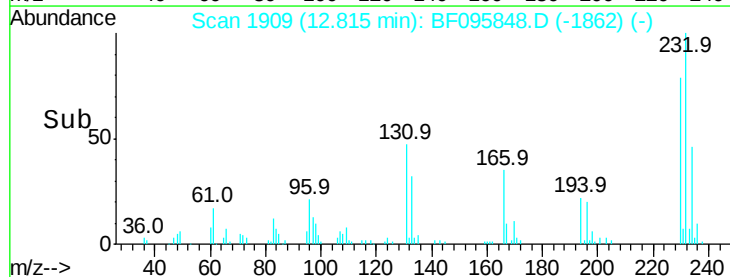
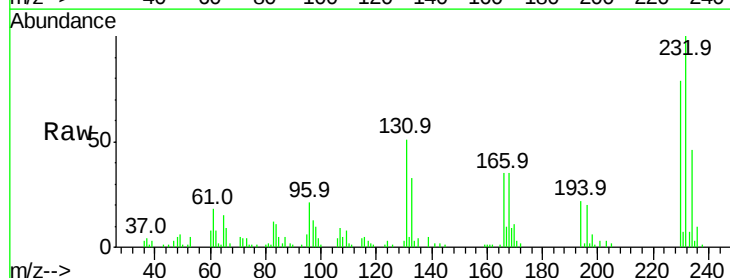
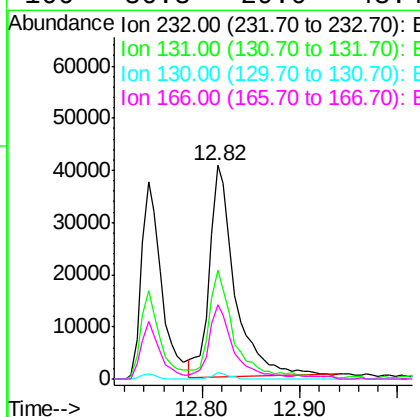
Manual Integrations
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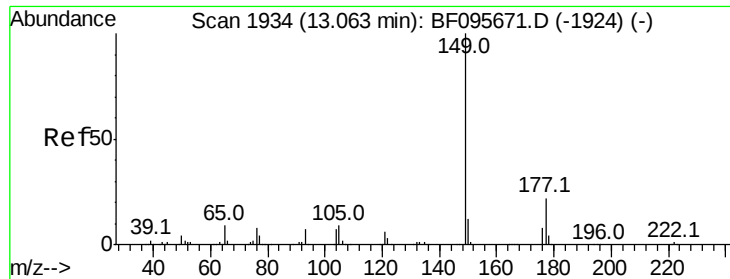
mohammad
 6/12/2017 1:28:01 PM



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 48.20 ng
 RT: 12.82 min Scan# 1909
 Delta R.T. -0.02 min
 Lab File: BF095848.D
 Acq: 10 Jun 2017 15:21

Tgt Ion	Ratio	Lower	Upper
232	100		
131	49.9	44.8	67.2
130	2.0	2.3	3.5#
166	36.3	29.0	43.4





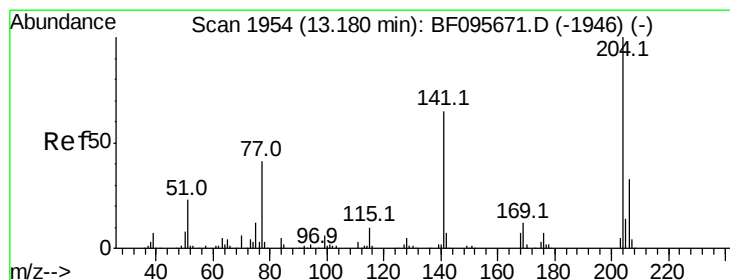
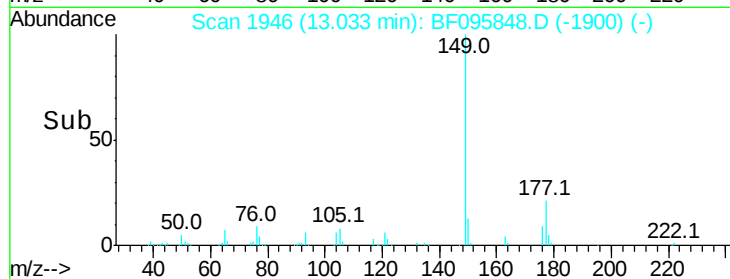
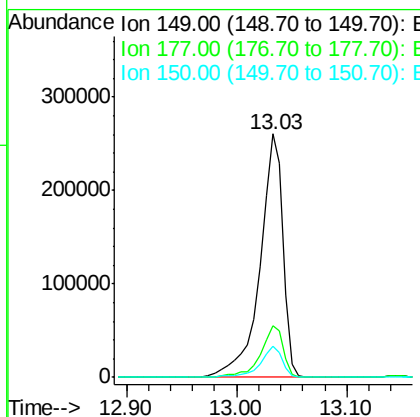
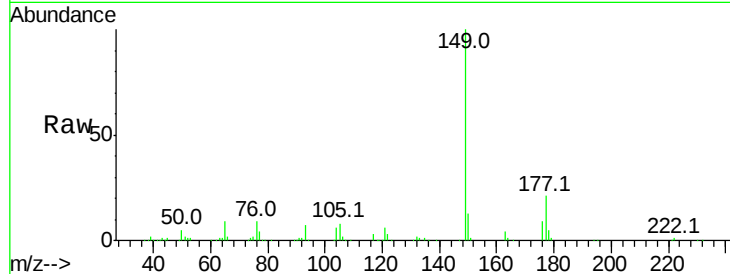
#59
Diethylphthalate
Concen: 47.92 ng
RT: 13.03 min Scan# 1946
Delta R.T. -0.03 min
Lab File: BF095848.D
Acq: 10 Jun 2017 15:21

Instrument :
BNA_F
ClientSampleId :
PB99662BS

Tot Ion	Ratio	Lower	Upper
149	100		
177	21.2	16.7	25.1
150	12.7	10.2	15.2

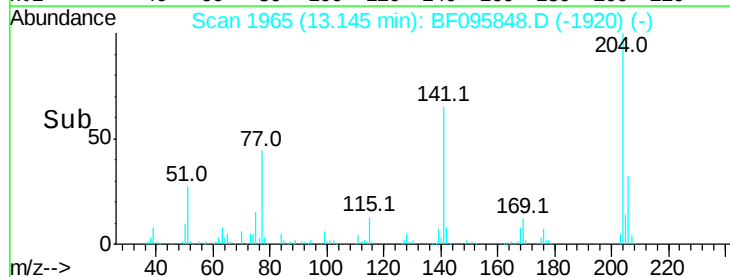
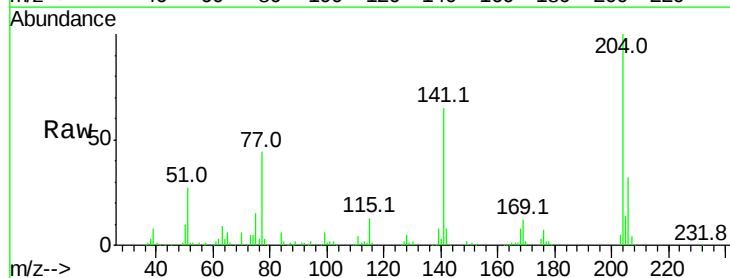
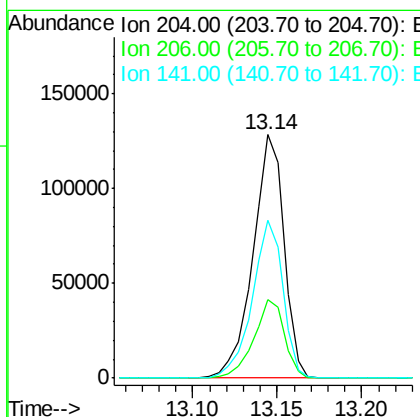
Manual Integrations
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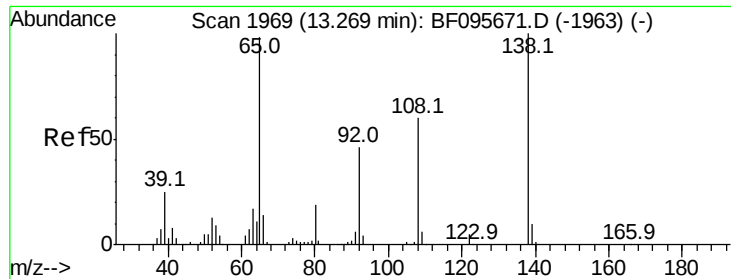
mohammad
6/12/2017 1:28:01 PM



#60
4-Chlorophenyl-phenylether
Concen: 44.57 ng
RT: 13.14 min Scan# 1965
Delta R.T. -0.04 min
Lab File: BF095848.D
Acq: 10 Jun 2017 15:21

Tgt Ion	Ratio	Lower	Upper
204	100		
206	32.1	26.2	39.2
141	65.1	60.8	91.2





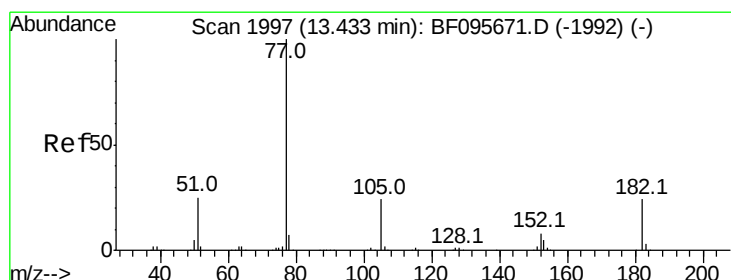
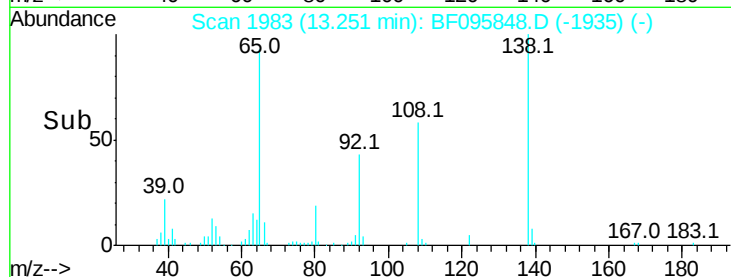
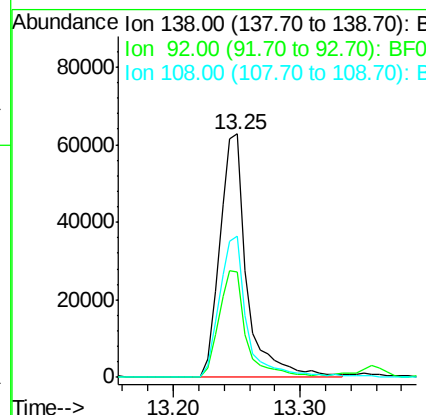
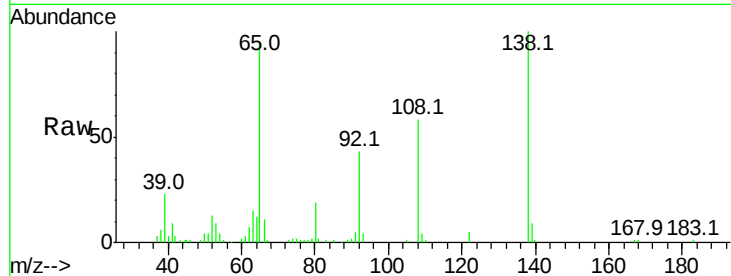
#61
4-Nitroaniline
Concen: 48.03 ng
RT: 13.25 min Scan# 1983
Delta R.T. -0.02 min
Lab File: BF095848.D
Acq: 10 Jun 2017 15:21

Instrument :
BNA_F
ClientSampleId :
PB99662BS

Tot Ion	Ratio	Lower	Upper
138	100		
92	43.3	21.8	61.8
108	58.2	42.3	82.3

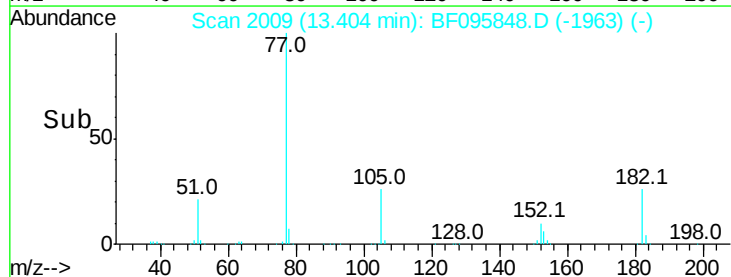
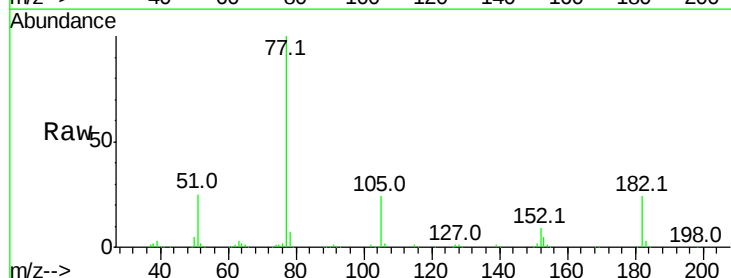
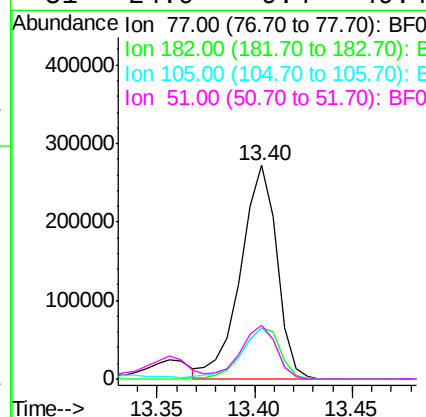
Manual Integrations
APPROVED

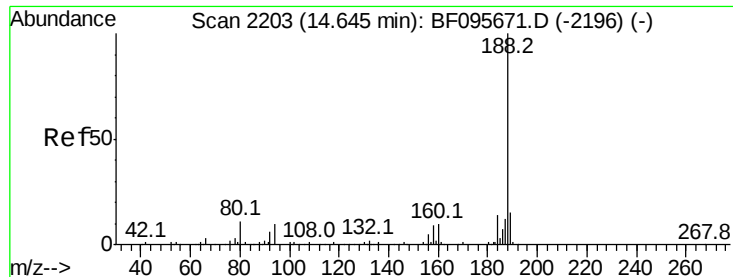
mohammad
6/12/2017 1:28:01 PM



#62
Azobenzene
Concen: 48.73 ng
RT: 13.40 min Scan# 2009
Delta R.T. -0.03 min
Lab File: BF095848.D
Acq: 10 Jun 2017 15:21

Tgt Ion	Ratio	Lower	Upper
77	100		
182	24.2	0.1	40.1
105	23.9	3.6	43.6
51	24.9	9.4	49.4





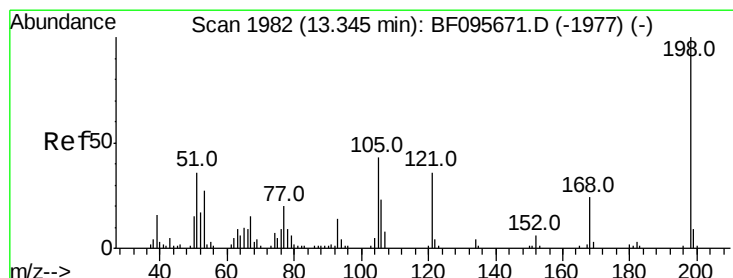
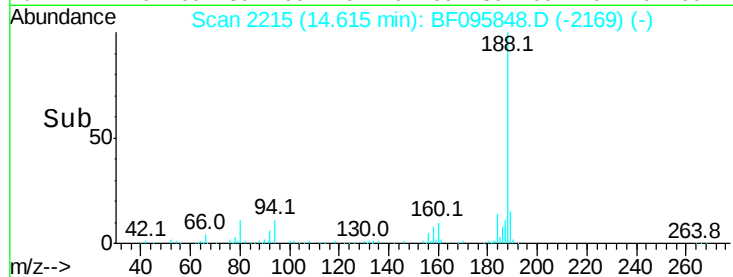
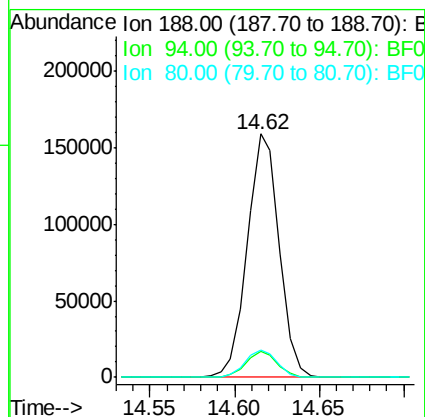
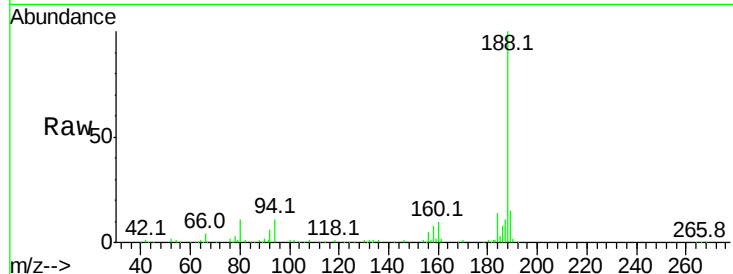
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 14.62 min Scan# 2215
Delta R.T. -0.03 min
Lab File: BF095848.D
Acq: 10 Jun 2017 15:21

Instrument :
BNA_F
ClientSampleId :
PB99662BS

Tot Ion	Ratio	Resp Lower	Upper
188	100		
94	10.6	9.4	14.2
80	11.4	10.2	15.2

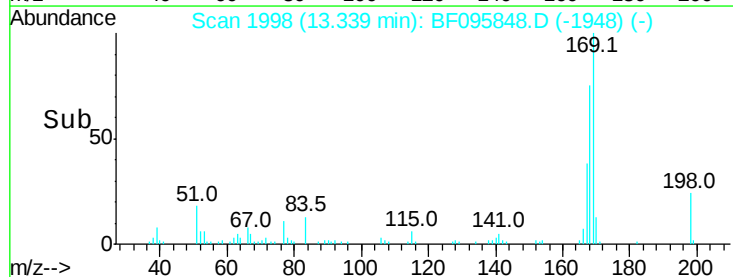
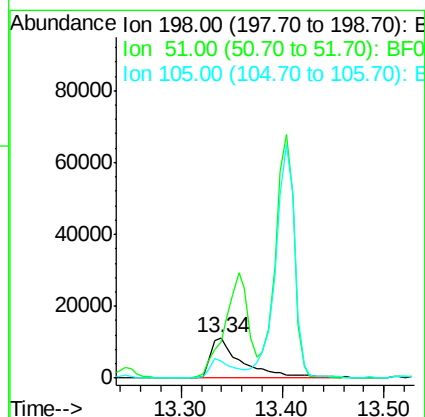
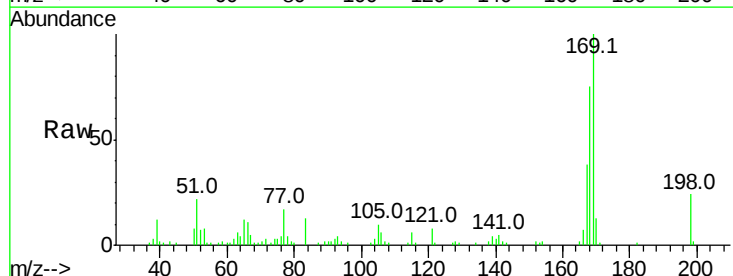
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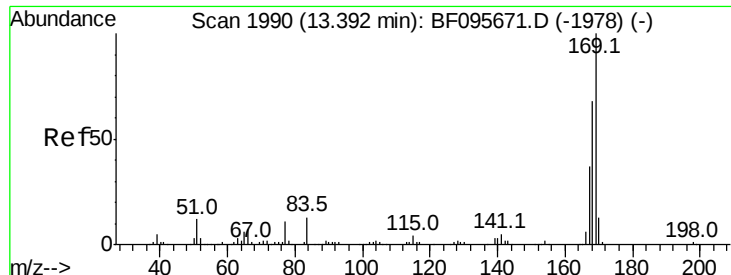
mohammad
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#64
4,6-Dinitro-2-methylphenol
Concen: 18.06 ng
RT: 13.34 min Scan# 1998
Delta R.T. -0.01 min
Lab File: BF095848.D
Acq: 10 Jun 2017 15:21

Tgt Ion	Ratio	Resp Lower	Upper
198	100		
51	88.8	53.2	93.2
105	41.5	45.8	85.8





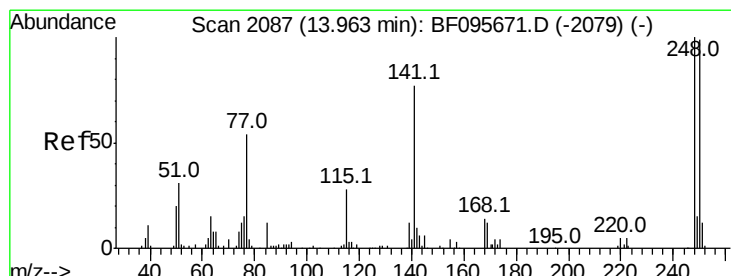
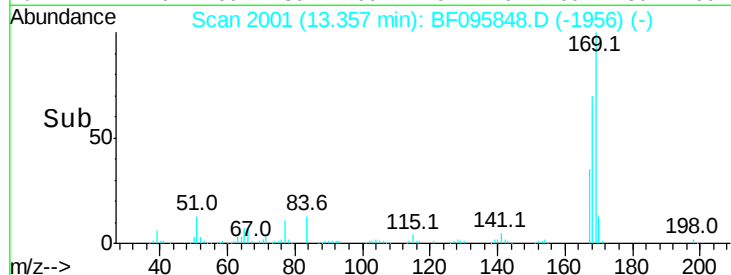
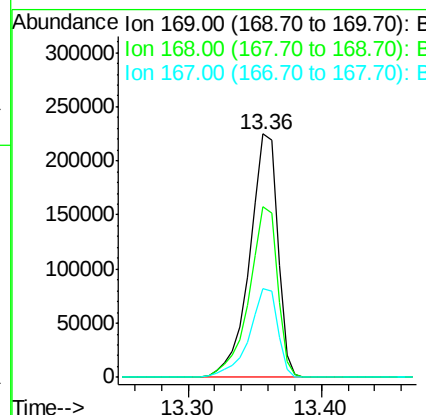
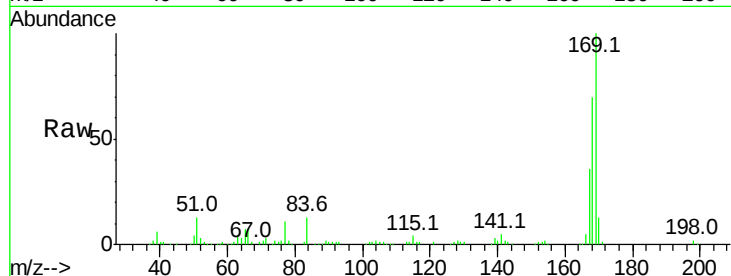
#65
n-Nitrosodiphenylamine
Concen: 43.10 ng
RT: 13.36 min Scan# 2001
Delta R.T. -0.04 min
Lab File: BF095848.D
Acq: 10 Jun 2017 15:21

Instrument :
BNA_F
ClientSampleId :
PB99662BS

Tot Ion	Ratio	Lower	Upper
169	100		
168	70.0	53.2	79.8
167	36.4	29.5	44.3

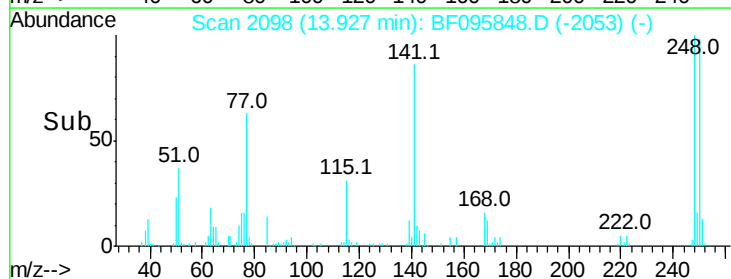
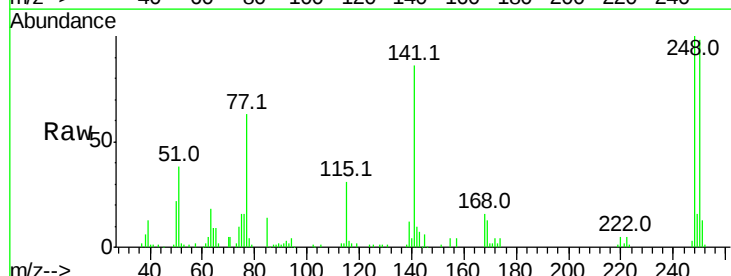
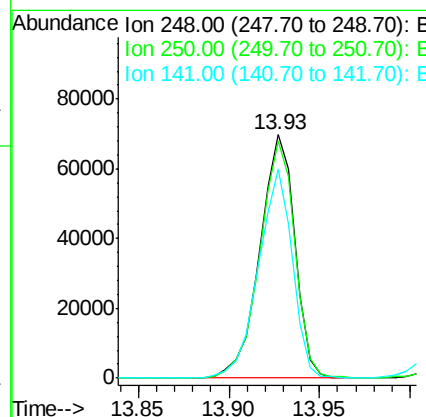
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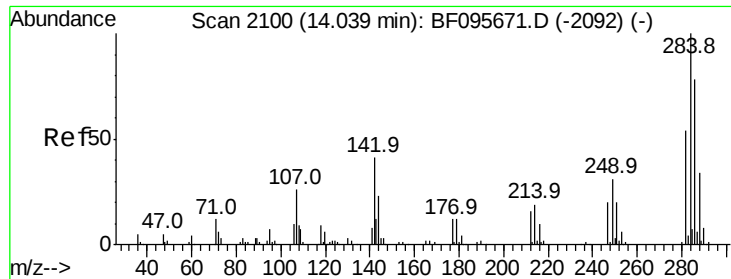
mohammad
6/12/2017 1:28:01 PM



#66
4-Bromophenyl-phenylether
Concen: 42.85 ng
RT: 13.93 min Scan# 2098
Delta R.T. -0.04 min
Lab File: BF095848.D
Acq: 10 Jun 2017 15:21

Tgt Ion	Ratio	Lower	Upper
248	100		
250	97.5	76.8	115.2
141	86.0	68.6	103.0





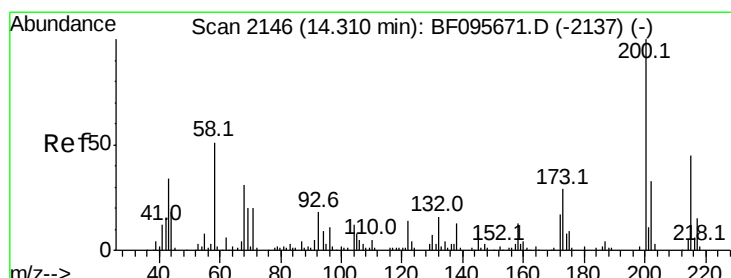
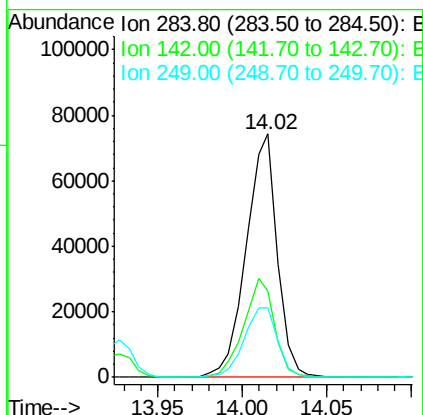
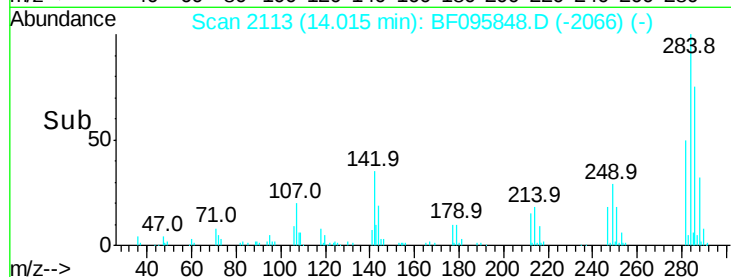
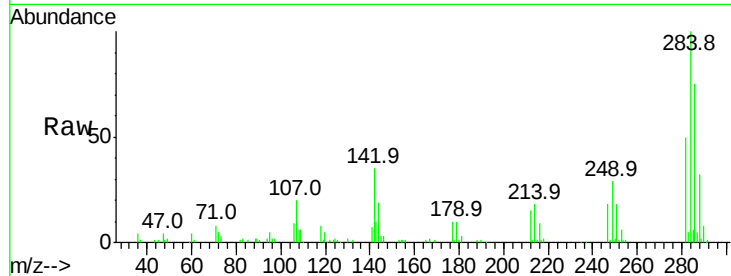
#67
Hexachlorobenzene
Concen: 44.42 ng
RT: 14.02 min Scan# 2113
Delta R.T. -0.02 min
Lab File: BF095848.D
Acq: 10 Jun 2017 15:21

Instrument :
BNA_F
ClientSampleId :
PB99662BS

Tot Ion	Ratio	Resp	Lower	Upper
284	100			
142	35.4	22.8	34.2	
249	28.7	24.0	36.0	

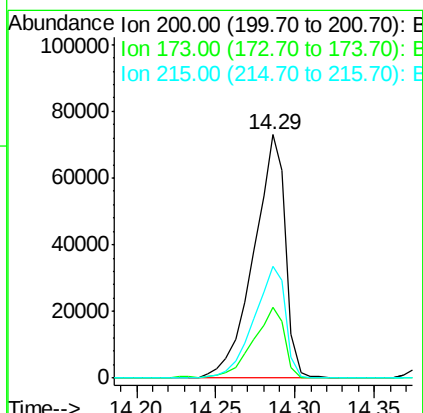
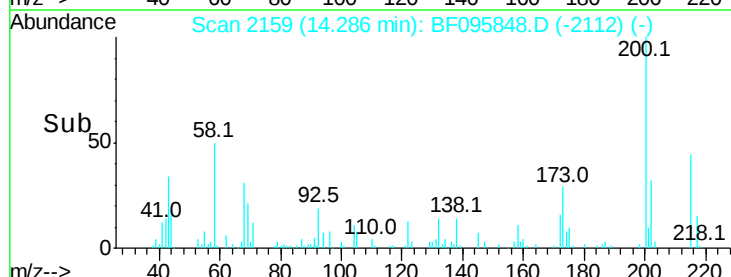
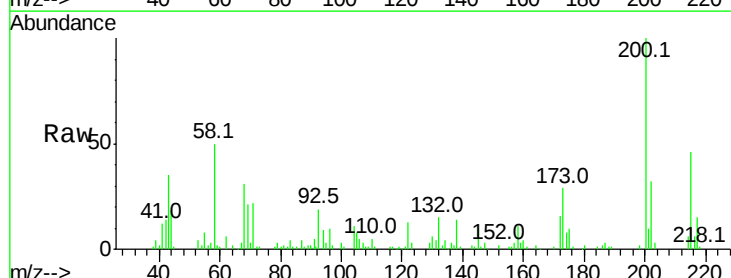
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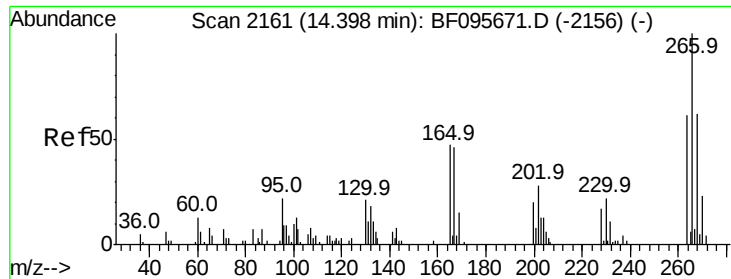
mohammad
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#68
Atrazine
Concen: 48.59 ng
RT: 14.29 min Scan# 2159
Delta R.T. -0.02 min
Lab File: BF095848.D
Acq: 10 Jun 2017 15:21

Tgt Ion	Ratio	Resp	Lower	Upper
200	100			
173	29.2	6.3	46.3	
215	45.7	27.2	67.2	





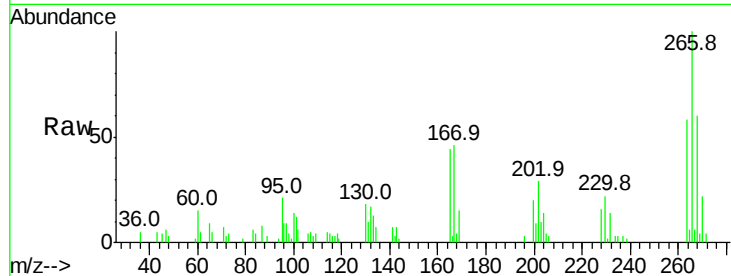
#69
 Pentachlorophenol
 Concen: 45.84 ng
 RT: 14.38 min Scan# 2175
 Delta R.T. -0.02 min
 Lab File: BF095848.D
 Acq: 10 Jun 2017 15:21

Instrument :
 BNA_F
 ClientSampleId :
 PB99662BS

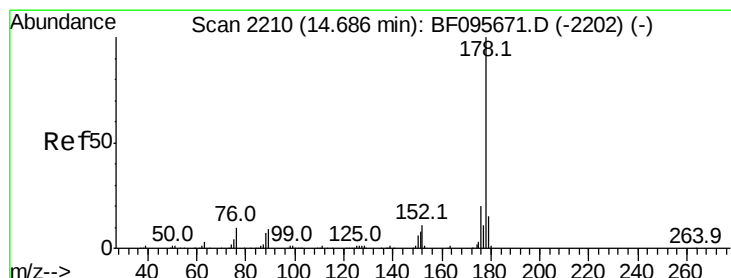
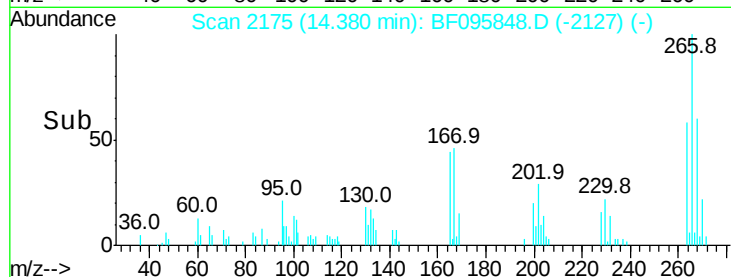
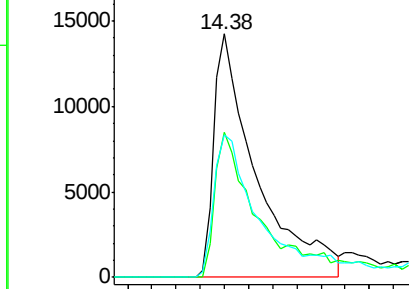
Tot Ion	Ratio	Resp	Lower	Upper
266	100	34741		
268	59.8		51.1	76.7
264	58.5		51.7	77.5

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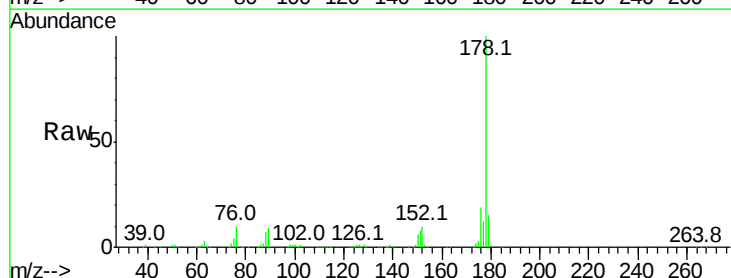


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

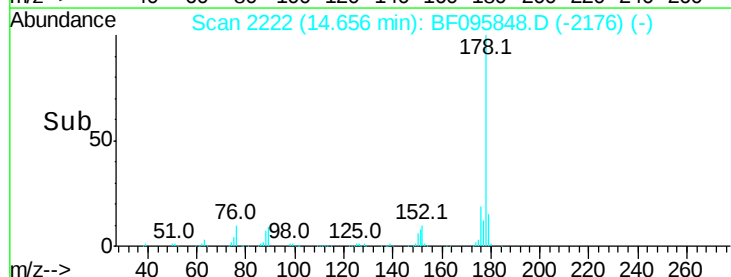
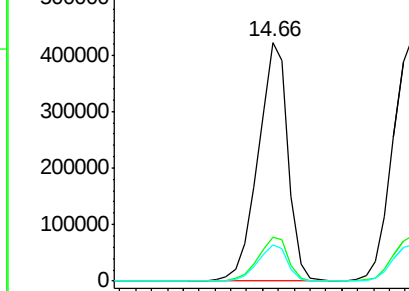


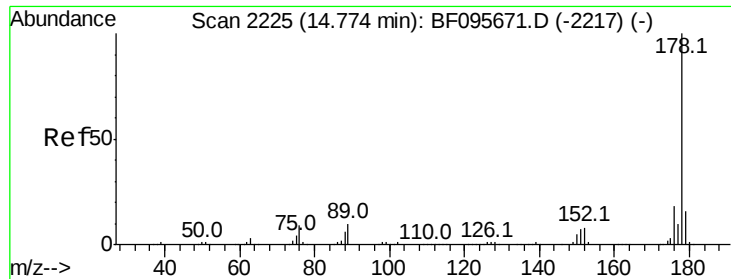
#70
 Phenanthrene
 Concen: 45.91 ng
 RT: 14.66 min Scan# 2222
 Delta R.T. -0.03 min
 Lab File: BF095848.D
 Acq: 10 Jun 2017 15:21

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	554057		
176	18.7		16.2	24.4
179	15.2		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





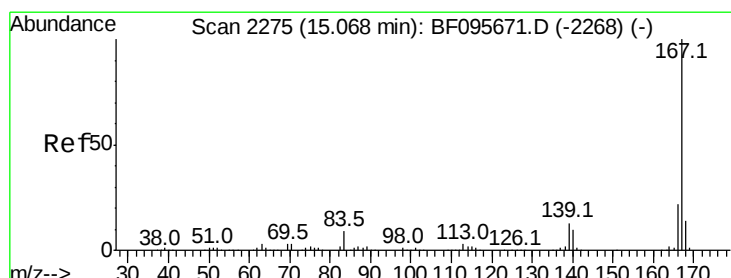
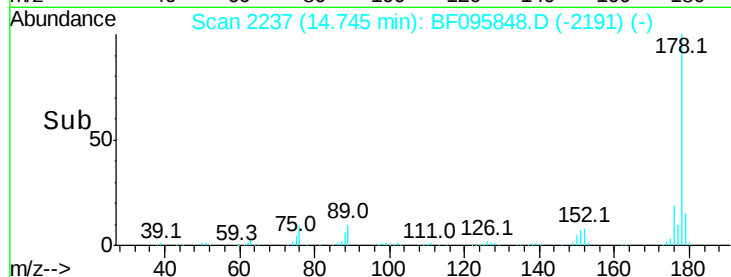
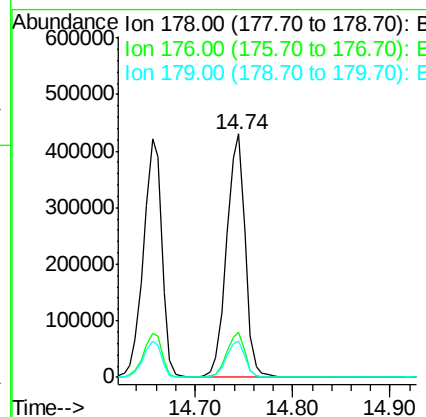
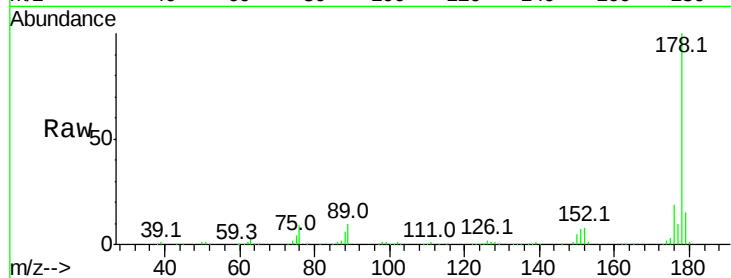
#71
 Anthracene
 Concen: 45.12 ng
 RT: 14.74 min Scan# 2237
 Delta R.T. -0.03 min
 Lab File: BF095848.D
 Acq: 10 Jun 2017 15:21

Instrument :
 BNA_F
 ClientSampleId :
 PB99662BS

Tot Ion	Ratio	Resp	Lower	Upper
178	100	568556		
176	18.6		15.8	23.8
179	15.0		12.7	19.1

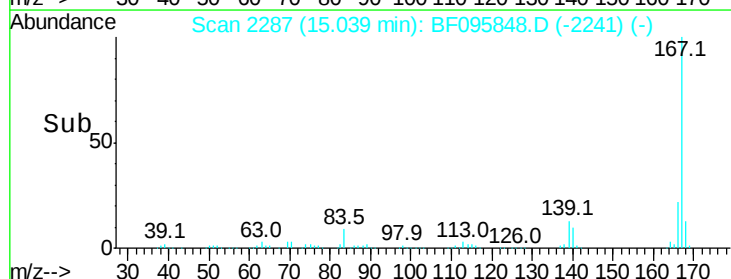
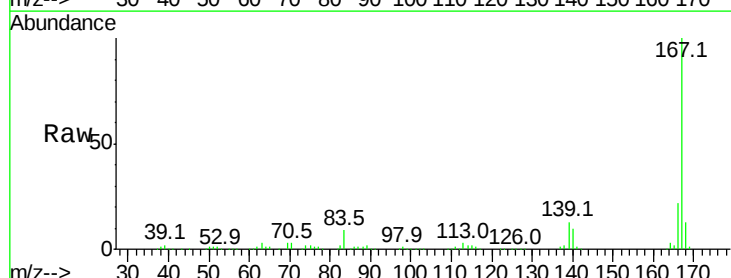
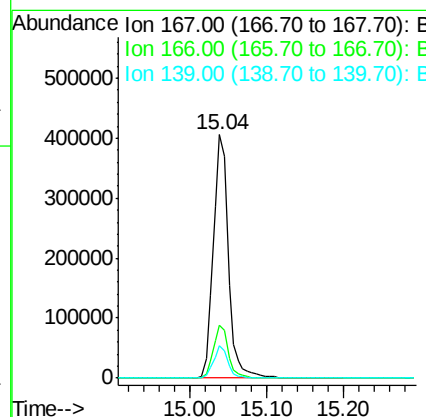
Manual Integrations
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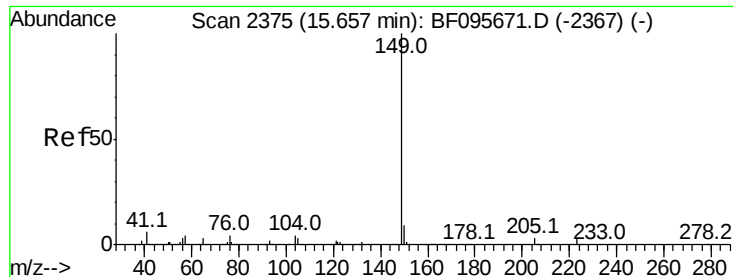
mohammad
 6/12/2017 1:28:01 PM



#72
 Carbazole
 Concen: 44.17 ng
 RT: 15.04 min Scan# 2287
 Delta R.T. -0.03 min
 Lab File: BF095848.D
 Acq: 10 Jun 2017 15:21

Tgt Ion	Ratio	Resp	Lower	Upper
167	100	542409		
166	21.9		18.1	27.1
139	13.1		11.7	17.5





#73

Di-n-butylphthalate

Concen: 48.71 ng

RT: 15.63 min Scan# 2388

Delta R.T. -0.02 min

Lab File: BF095848.D

Acq: 10 Jun 2017 15:21

Instrument :

BNA_F

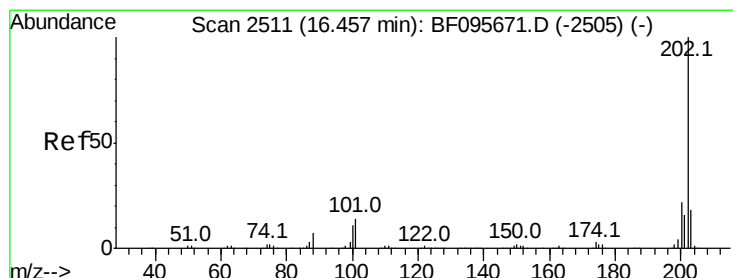
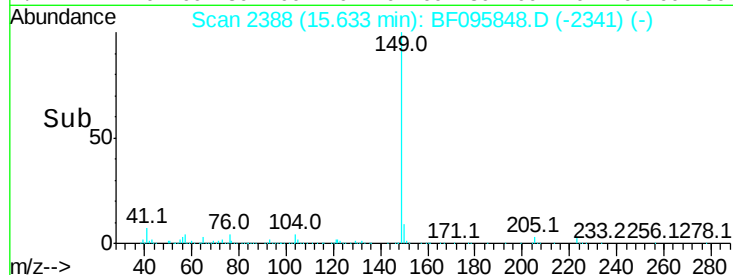
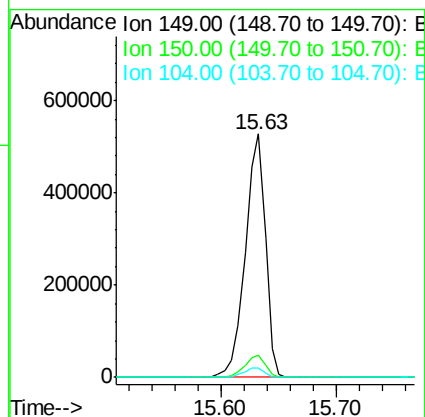
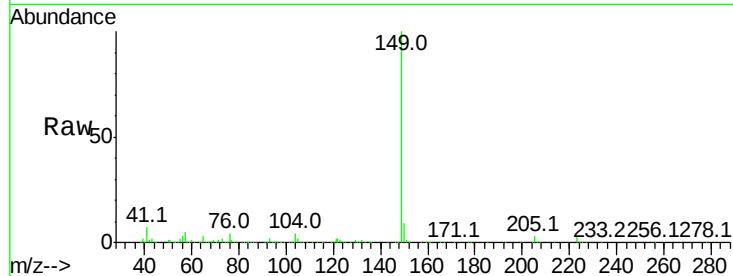
ClientSampleId :

PB99662BS

Tot Ion:	149	Resp:	636314
Ion Ratio	Lower	Upper	
149	100		
150	9.0	7.7	11.5
104	4.1	4.0	6.0

Manual Integrations
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#74

Fluoranthene

Concen: 48.75 ng

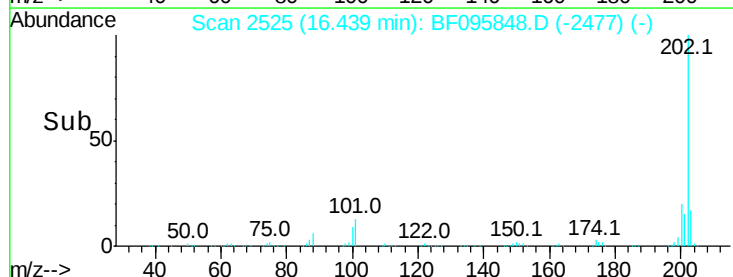
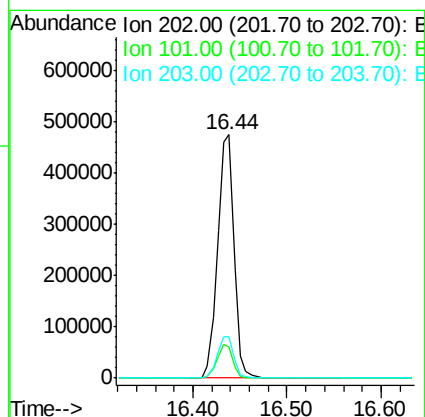
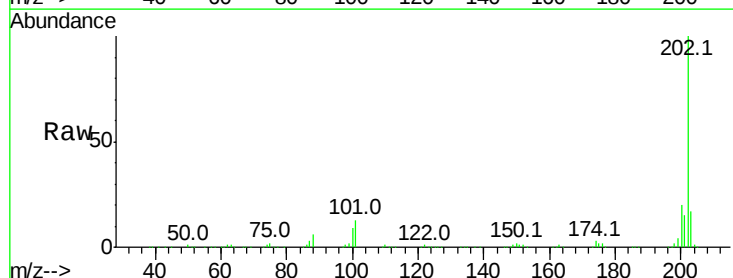
RT: 16.44 min Scan# 2525

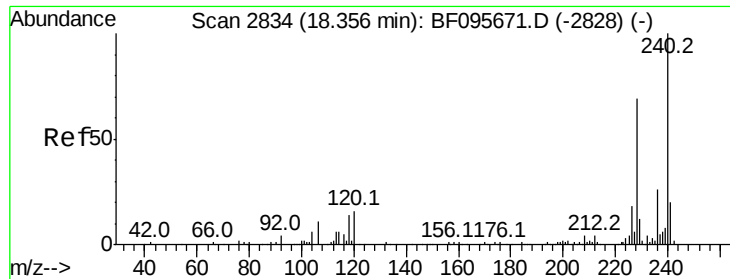
Delta R.T. -0.02 min

Lab File: BF095848.D

Acq: 10 Jun 2017 15:21

Tgt Ion:	202	Resp:	582378
Ion Ratio	Lower	Upper	
202	100		
101	12.6	0.0	33.2
203	17.0	0.0	38.1





#75

Chrysene-d12

Concen: 20.00 ng

RT: 18.34 min Scan# 2848

Delta R.T. -0.02 min

Lab File: BF095848.D

Acq: 10 Jun 2017 15:21

Instrument :

BNA_F

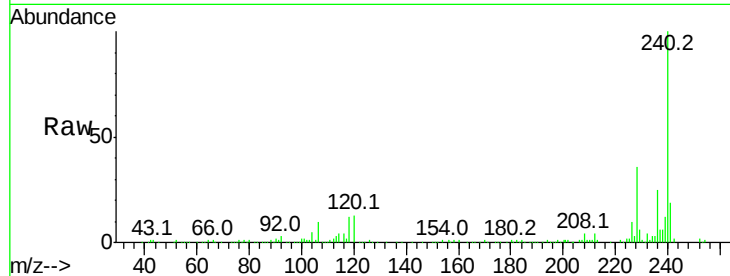
ClientSampleId :

PB99662BS

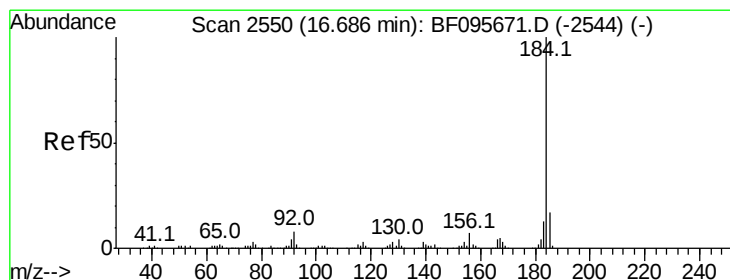
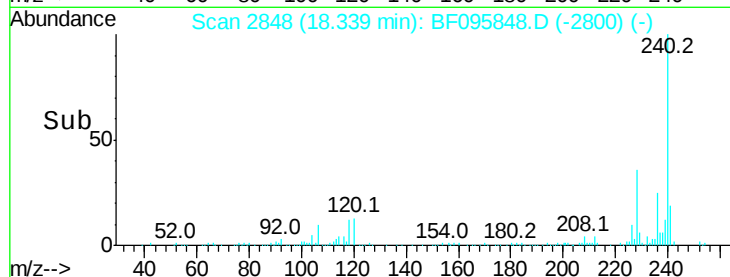
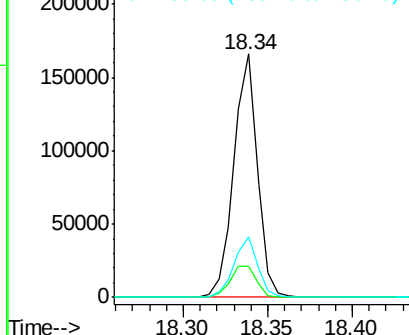
Tot Ion:240 Resp: 160769
 Ion Ratio Lower Upper
 240 100
 120 12.7 5.8 8.8#
 236 25.1 20.5 30.7

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Abundance Ion 240.00 (239.70 to 240.70): E
 Ion 120.00 (119.70 to 120.70): E
 Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 37.97 ng

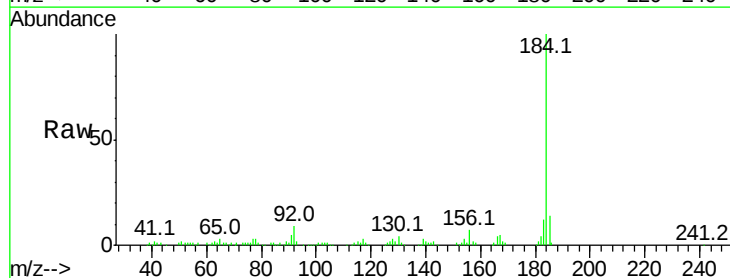
RT: 16.66 min Scan# 2563

Delta R.T. -0.02 min

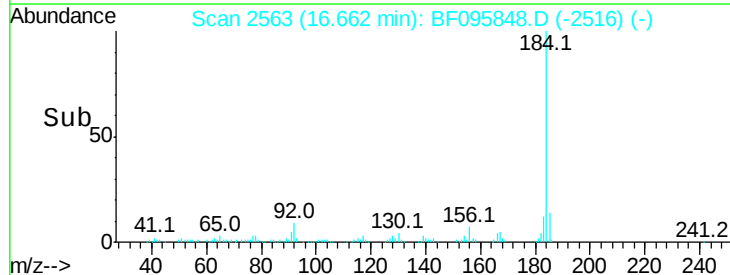
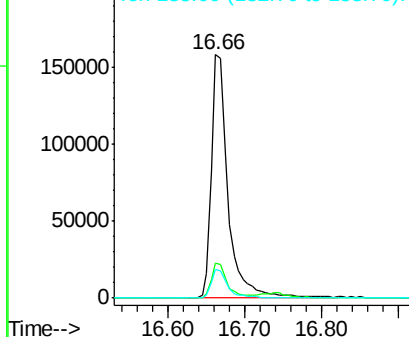
Lab File: BF095848.D

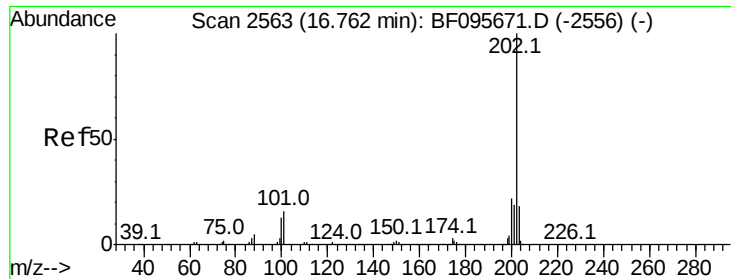
Acq: 10 Jun 2017 15:21

Tgt Ion:184 Resp: 234435
 Ion Ratio Lower Upper
 184 100
 185 14.3 15.5 23.3#
 183 11.8 9.8 14.6



Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 185.00 (184.70 to 185.70): E
 Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 49.06 ng

RT: 16.74 min Scan# 2576

Delta R.T. -0.02 min

Lab File: BF095848.D

Acq: 10 Jun 2017 15:21

Instrument :

BNA_F

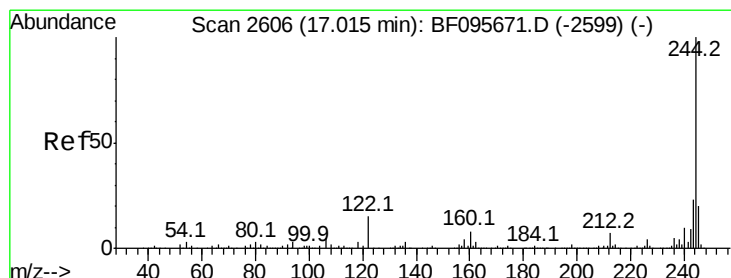
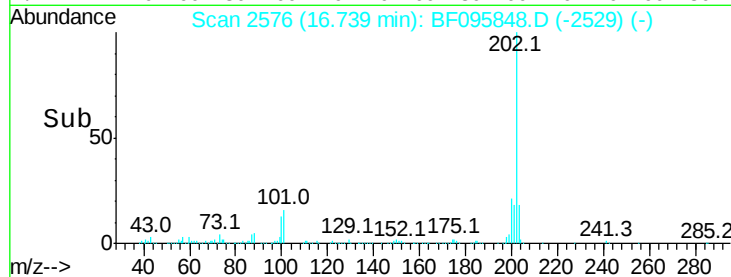
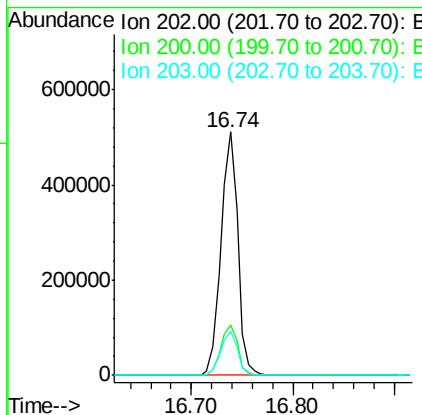
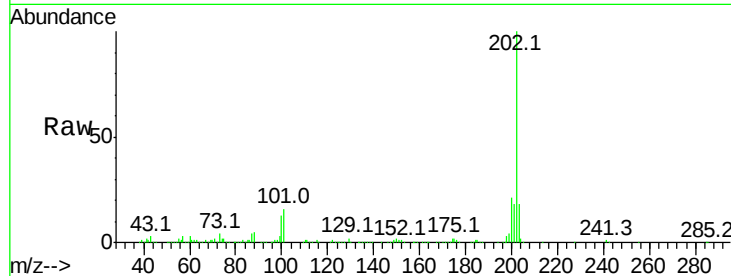
ClientSampleId :

PB99662BS

Tot Ion:	202	Resp:	588518
Ion Ratio	Lower	Upper	
202	100		
200	20.8	17.6	26.4
203	18.1	14.4	21.6

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#78

Terphenyl-d14

Concen: 101.87 ng

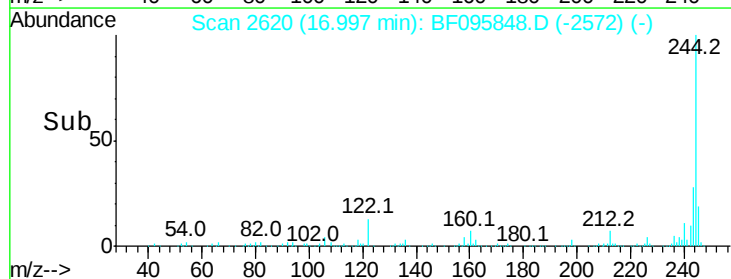
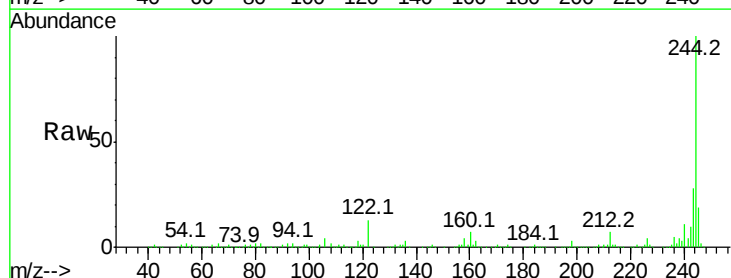
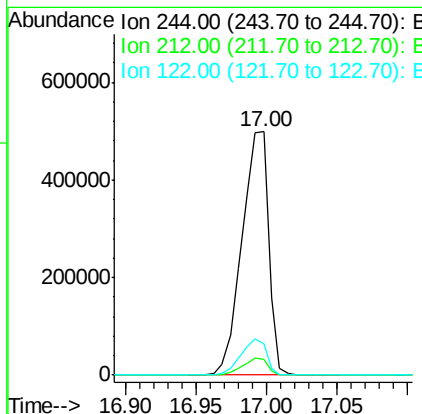
RT: 17.00 min Scan# 2620

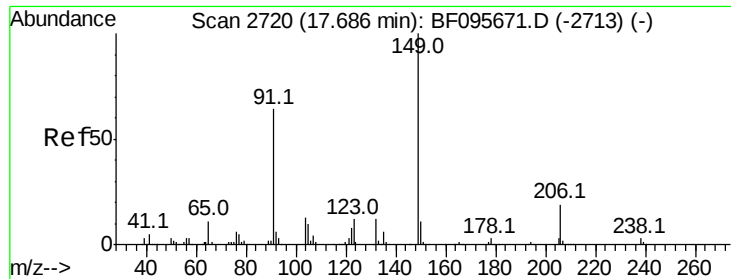
Delta R.T. -0.02 min

Lab File: BF095848.D

Acq: 10 Jun 2017 15:21

Tgt Ion:	244	Resp:	659945
Ion Ratio	Lower	Upper	
244	100		
212	6.6	6.0	9.0
122	12.9	10.3	15.5





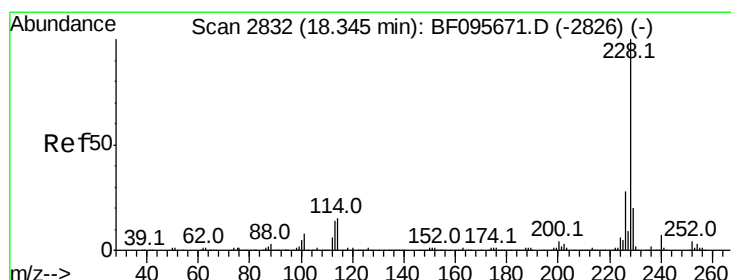
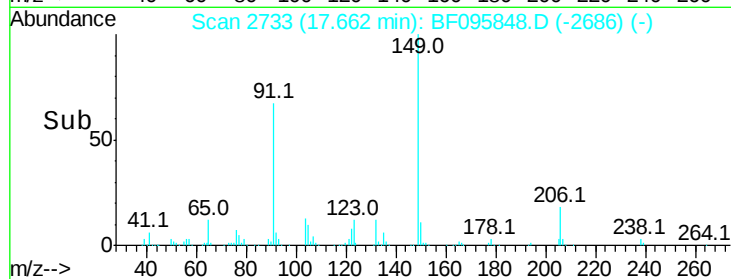
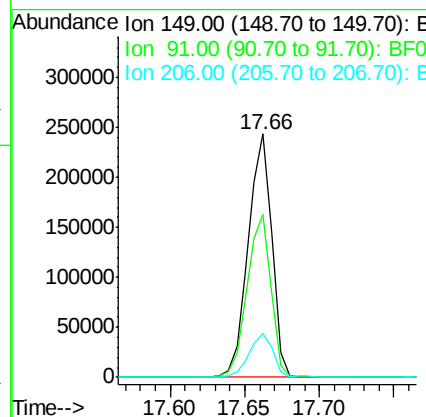
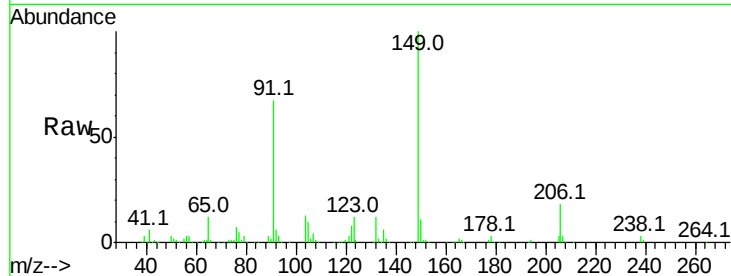
#79
Butylbenzylphthalate
Concen: 50.69 ng
RT: 17.66 min Scan# 2733
Delta R.T. -0.02 min
Lab File: BF095848.D
Acq: 10 Jun 2017 15:21

Instrument :
BNA_F
ClientSampleId :
PB99662BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	265549		
91	67.2	45.0	67.4	
206	17.9	17.0	25.6	

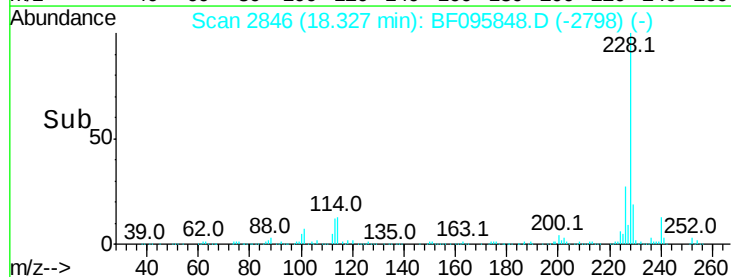
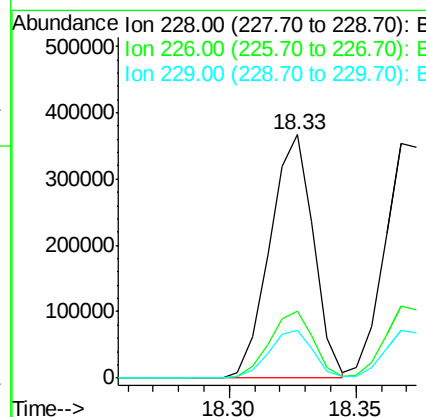
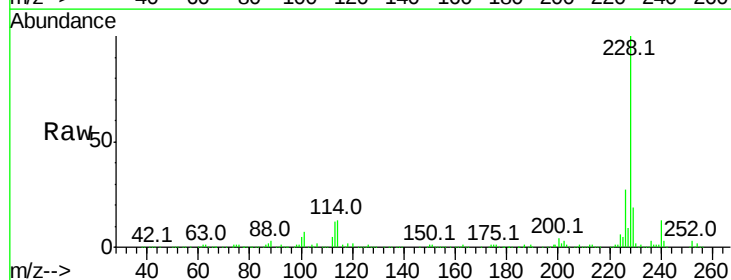
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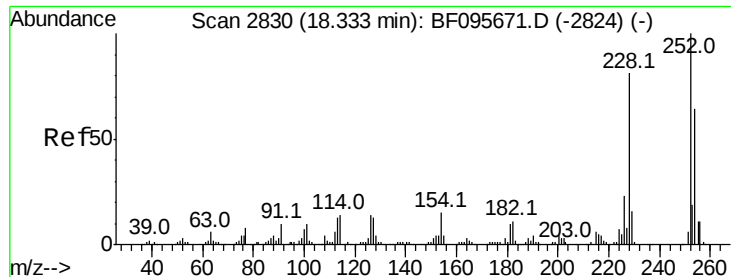
mohammad
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#80
Benzo(a)anthracene
Concen: 47.12 ng
RT: 18.33 min Scan# 2846
Delta R.T. -0.02 min
Lab File: BF095848.D
Acq: 10 Jun 2017 15:21

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	440416		
226	27.4	22.6	33.8	
229	19.4	16.3	24.5	





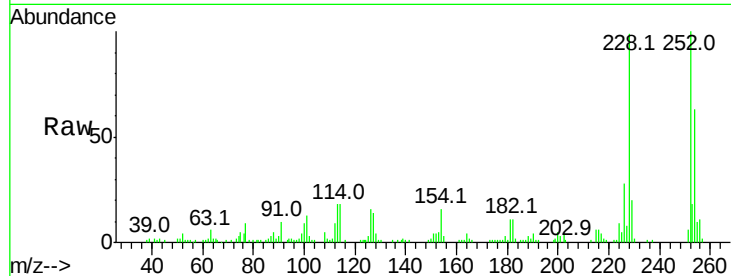
#81
 3,3'-Dichlorobenzidine
 Concen: 22.73 ng
 RT: 18.31 min Scan# 2843
 Delta R.T. -0.02 min
 Lab File: BF095848.D
 Acq: 10 Jun 2017 15:21

Instrument :
 BNA_F
 ClientSampleId :
 PB99662BS

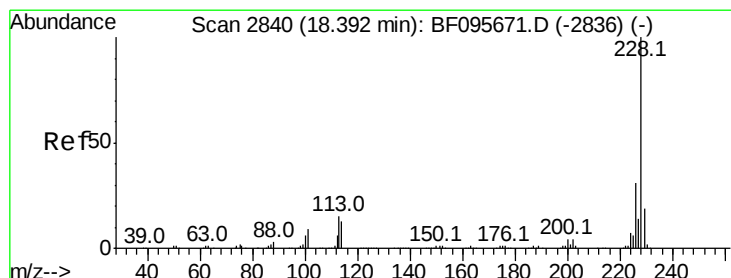
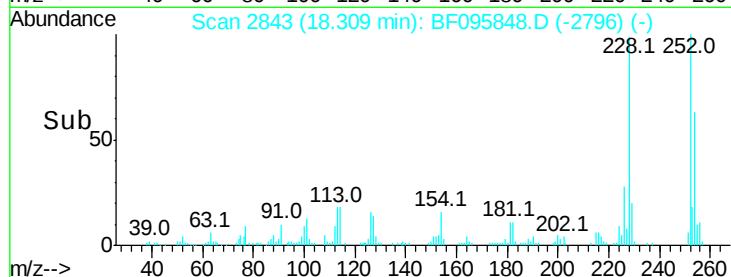
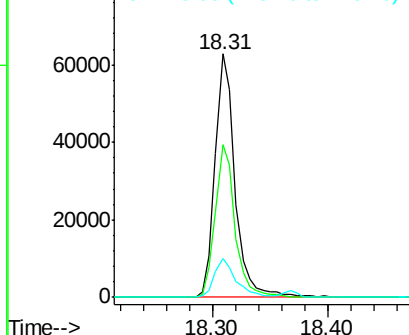
Tot Ion	Ratio	Lower	Upper
252	100		
254	62.7	51.5	77.3
126	15.7	15.8	23.8

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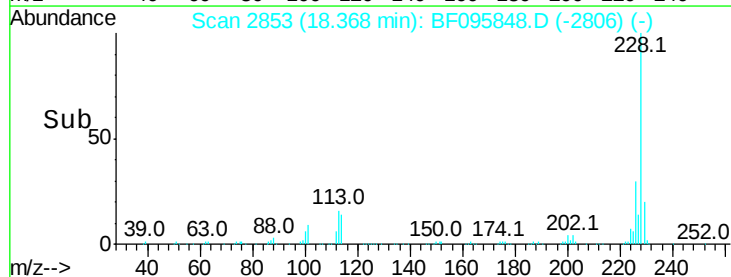
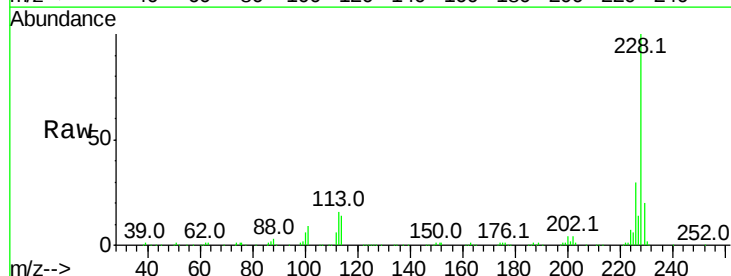
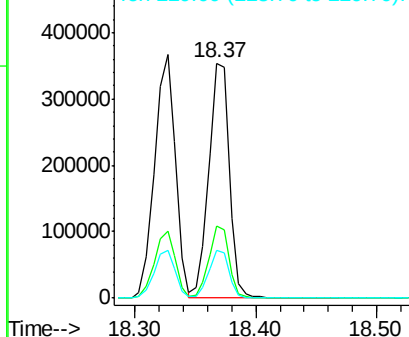
Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

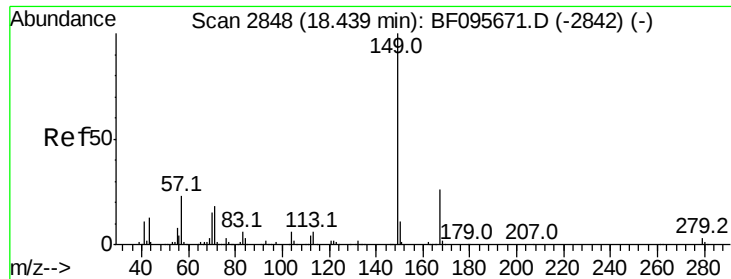


#82
 Chrysene
 Concen: 44.24 ng
 RT: 18.37 min Scan# 2853
 Delta R.T. -0.02 min
 Lab File: BF095848.D
 Acq: 10 Jun 2017 15:21

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.4	24.9	37.3
229	20.5	15.8	23.6

Abundance Ion 228.00 (227.70 to 228.70): E
 Ion 226.00 (225.70 to 226.70): E
 Ion 229.00 (228.70 to 229.70): E





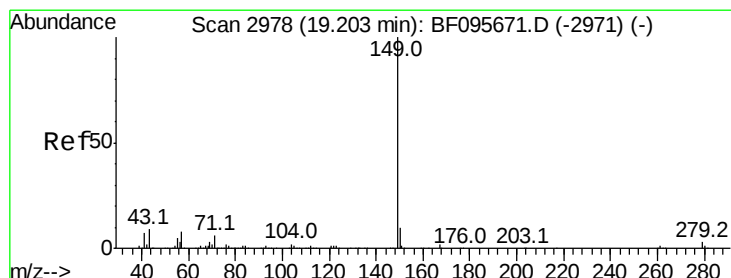
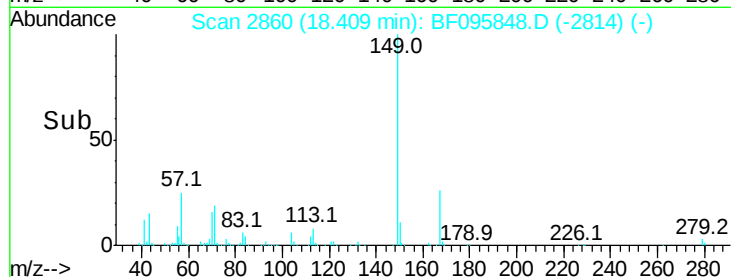
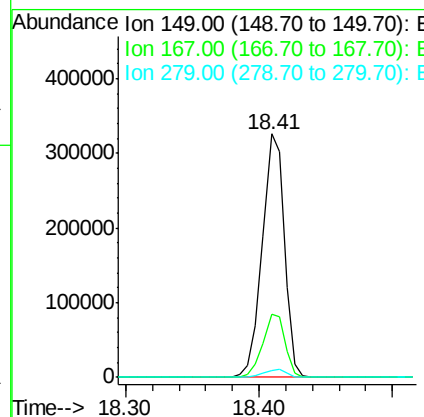
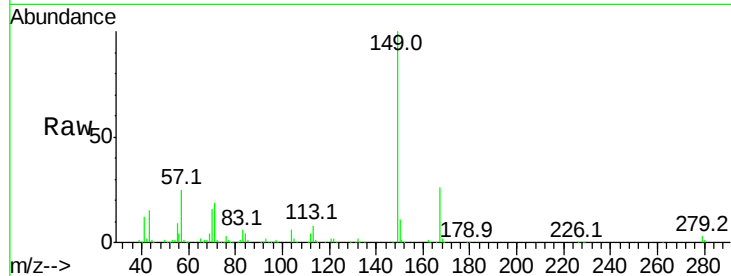
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 50.40 ng
 RT: 18.41 min Scan# 2860
 Delta R.T. -0.03 min
 Lab File: BF095848.D
 Acq: 10 Jun 2017 15:21

Instrument :
 BNA_F
 ClientSampleId :
 PB99662BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100			
167	26.1	21.0	31.4	
279	3.0	1.9	2.9	

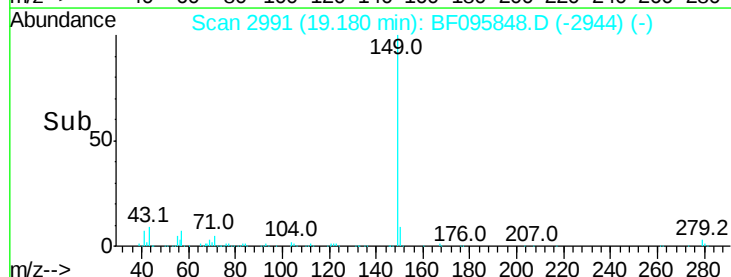
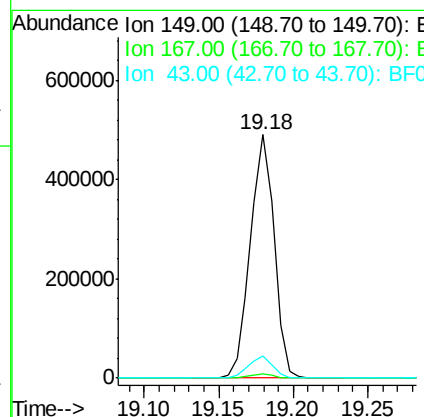
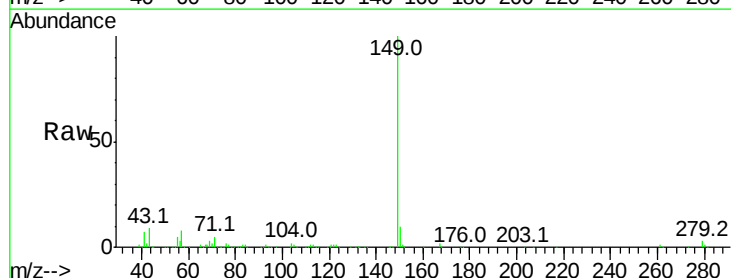
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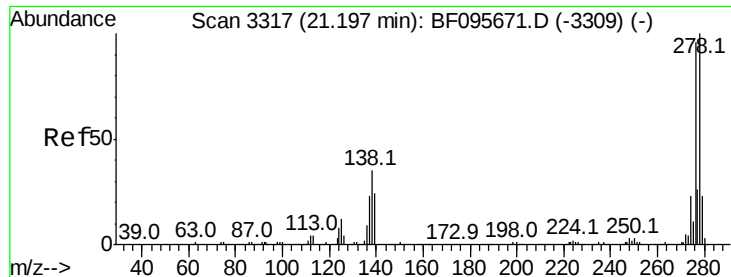
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#84
 Di-n-octyl phthalate
 Concen: 44.59 ng
 RT: 19.18 min Scan# 2991
 Delta R.T. -0.02 min
 Lab File: BF095848.D
 Acq: 10 Jun 2017 15:21

Tgt Ion	Ratio	Resp	Lower	Upper
149	100			
167	1.5	1.2	1.8	
43	8.8	8.5	12.7	





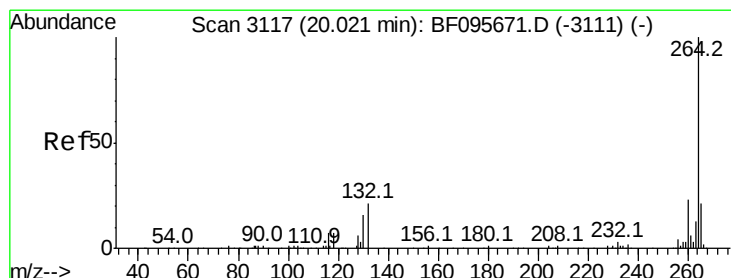
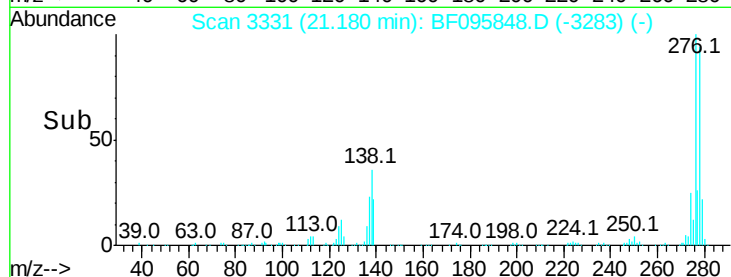
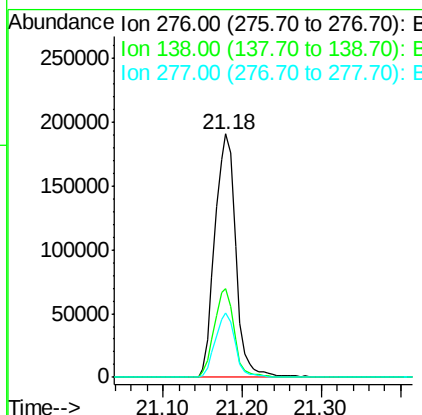
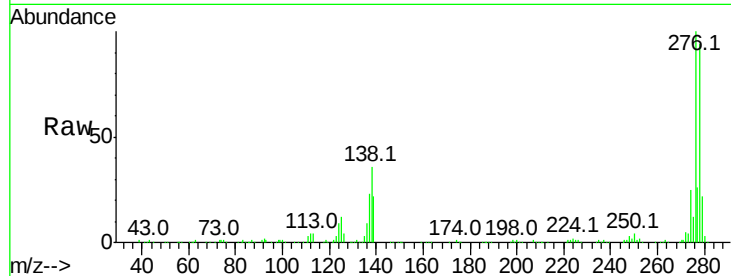
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 43.96 ng
 RT: 21.18 min Scan# 3331
 Delta R.T. -0.02 min
 Lab File: BF095848.D
 Acq: 10 Jun 2017 15:21

Instrument :
 BNA_F
 ClientSampleId :
 PB99662BS

Tot Ion	Ratio	Resp	Lower	Upper
276	100	351376		
138	34.7		27.8	41.6
277	25.2		20.2	30.4

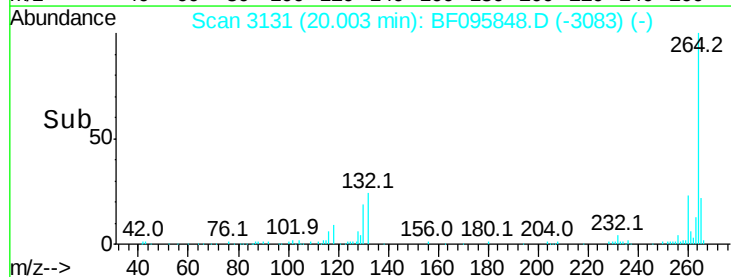
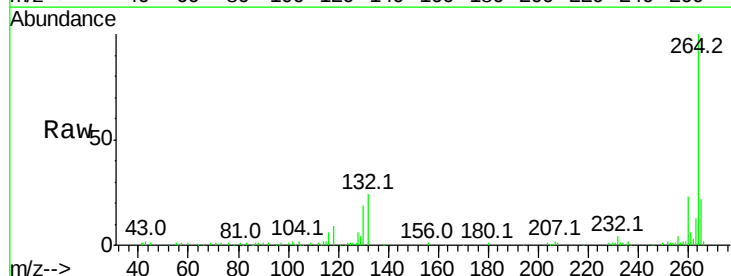
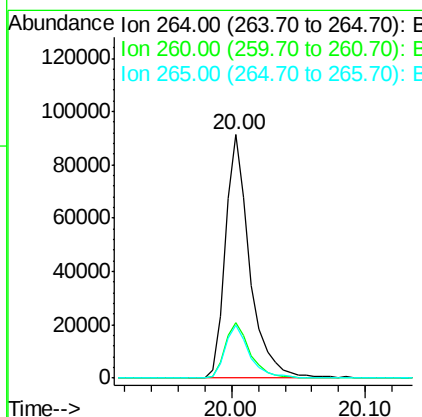
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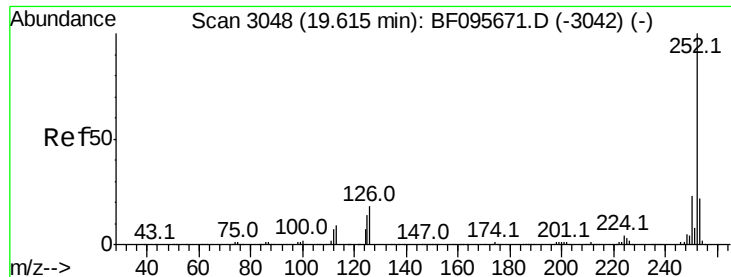
mohammad
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#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 20.00 min Scan# 3131
 Delta R.T. -0.02 min
 Lab File: BF095848.D
 Acq: 10 Jun 2017 15:21

Tgt Ion	Ratio	Resp	Lower	Upper
264	100	117140		
260	22.7		19.5	29.3
265	21.6		17.2	25.8





#87

Benzo(b)fluoranthene

Concen: 48.49 ng

RT: 19.60 min Scan# 3062

Delta R.T. -0.02 min

Lab File: BF095848.D

Acq: 10 Jun 2017 15:21

Instrument :

BNA_F

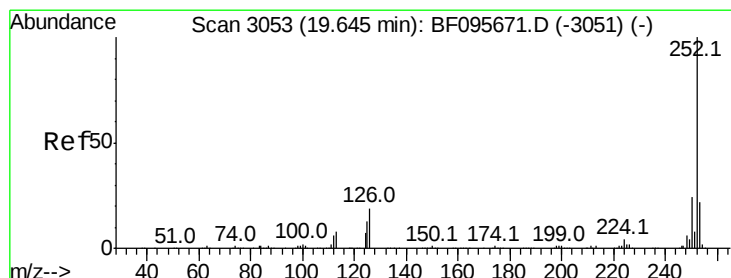
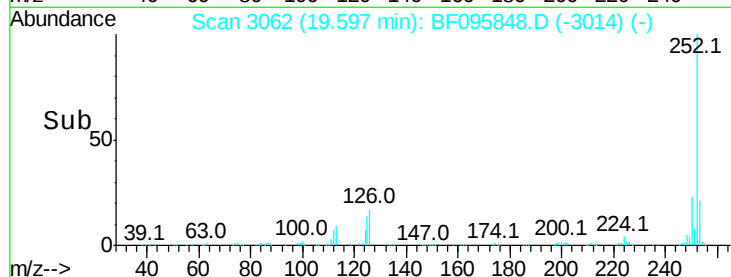
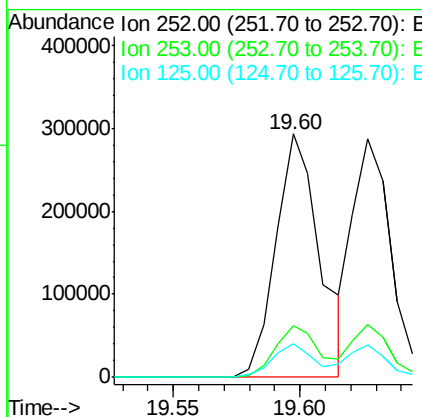
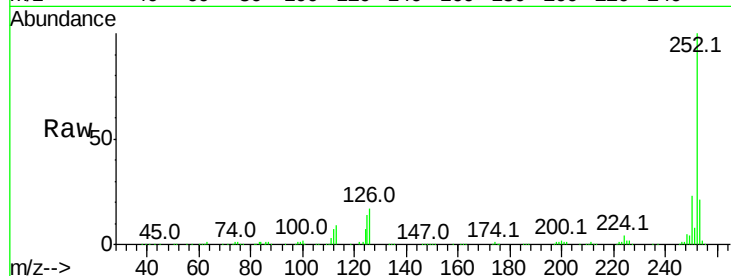
ClientSampleId :

PB99662BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.1	18.1	27.1
125	13.6	9.8	14.8

Manual Integrations
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#88

Benzo(k)fluoranthene

Concen: 43.56 ng

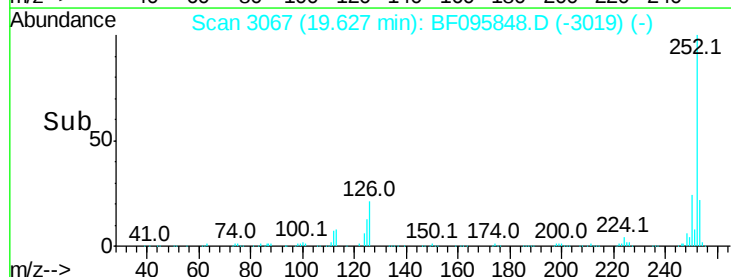
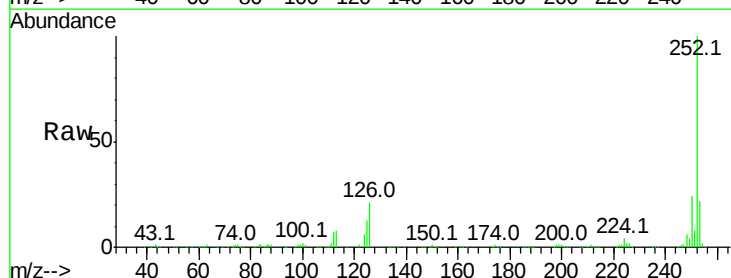
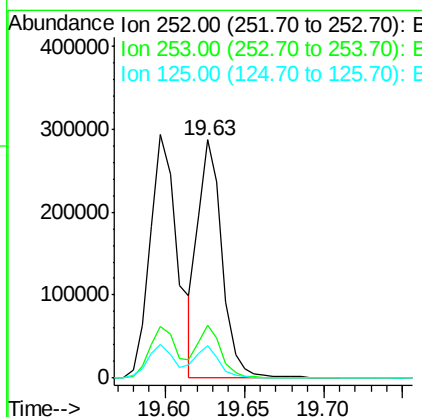
RT: 19.63 min Scan# 3067

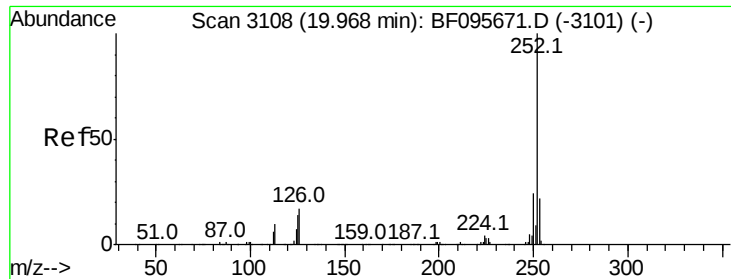
Delta R.T. -0.02 min

Lab File: BF095848.D

Acq: 10 Jun 2017 15:21

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.2	18.4	27.6
125	13.4	13.1	19.7





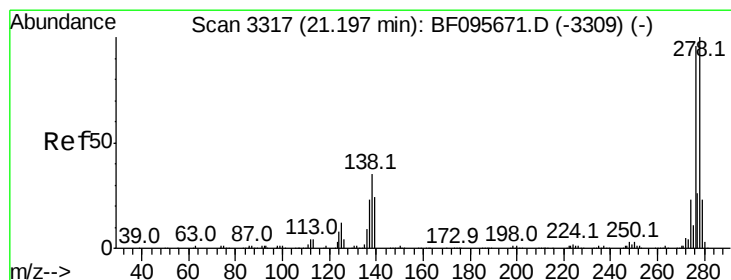
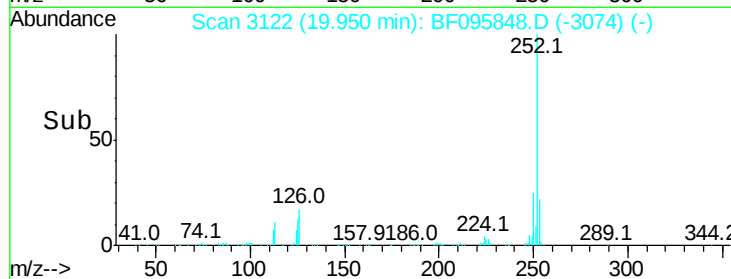
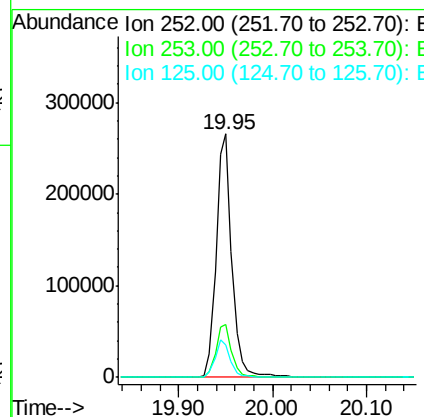
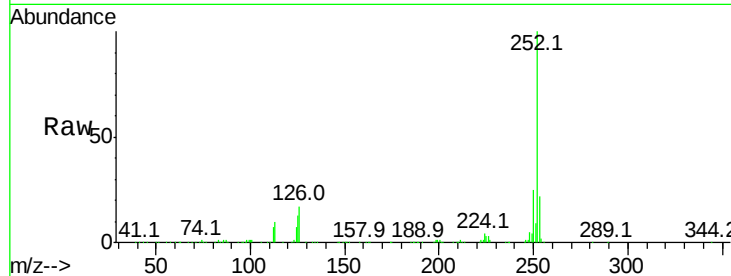
#89
Benzo(a)pyrene
Concen: 46.34 ng
RT: 19.95 min Scan# 3122
Delta R.T. -0.02 min
Lab File: BF095848.D
Acq: 10 Jun 2017 15:21

Instrument :
BNA_F
ClientSampleId :
PB99662BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.5	26.3
125	13.5	11.0	16.4

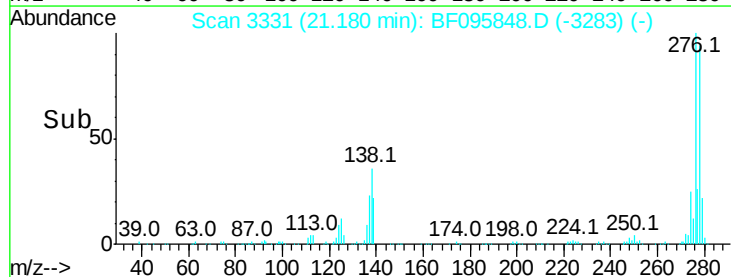
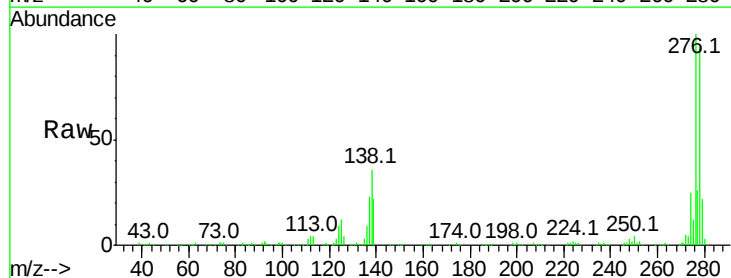
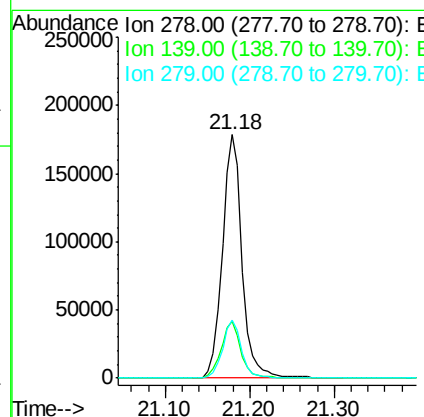
Manual Integrations
APPROVED

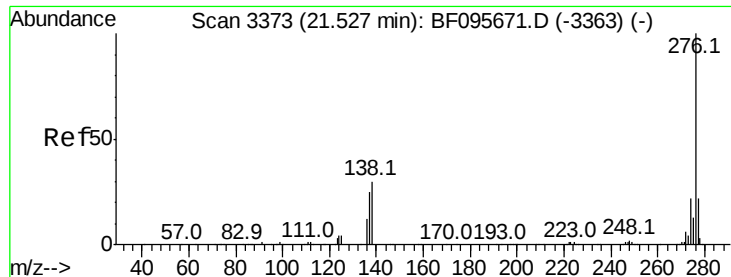
mohammad
6/12/2017 1:28:01 PM



#90
Dibenzo(a,h)anthracene
Concen: 50.83 ng
RT: 21.18 min Scan# 3331
Delta R.T. -0.02 min
Lab File: BF095848.D
Acq: 10 Jun 2017 15:21

Tgt Ion	Ratio	Lower	Upper
278	100		
139	23.3	16.6	24.8
279	23.7	19.3	28.9





#91

Benzo(a,h,i)perylene

Concen: 53.72 ng

RT: 21.51 min Scan# 3387

Delta R.T. -0.02 min

Lab File: BF095848.D

Acq: 10 Jun 2017 15:21

Instrument :

BNA_F

ClientSampleId :

PB99662BS

Tot Ion:	276	Resp:	313171
Ion Ratio	Lower	Upper	
276	100		
277	23.8	18.6	28.0
138	30.5	25.4	38.0

Manual Integrations
APPROVED

mohammad
6/12/2017 1:28:01 PM

