

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051117\
 Data File : BF095079.D
 Acq On : 11 May 2017 14:44
 Operator : SJ/MA
 Sample : PB98841BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB98841BS

Manual Integrations
 APPROVED

mohammad
 5/12/2017 3:35:55 PM

Quant Time: May 11 16:35:50 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 11 16:33:45 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.71	152	98643	20.00	ng	0.00
21) Naphthalene-d8	9.72	136	368180	20.00	ng	0.00
38) Acenaphthene-d10	12.55	164	188911	20.00	ng	0.00
63) Phenanthrene-d10	14.96	188	323316	20.00	ng	0.00
75) Chrysene-d12	18.63	240	282974	20.00	ng	0.00
86) Perylene-d12	20.29	264	185752	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.67	112	523534	88.48	ng	0.02
7) Phenol-d6	7.25	99	617400	86.97	ng	0.00
23) Nitrobenzene-d5	8.61	82	509409	87.25	ng	0.00
41) 2,4,6-Tribromophenol	13.85	330	140425	90.77	ng	0.00
44) 2-Fluorobiphenyl	11.50	172	1071328	81.63	ng	0.00
78) Terphenyl-d14	17.29	244	984942	76.66	ng	0.00

Target Compounds						Qvalue
2) 1,4-Dioxane	2.10	88	89544	30.86	ng	96
3) Pyridine	2.73	79	231473	34.42	ng	98
4) n-Nitrosodimethylamine	2.69	42	110197	39.31	ng	87
6) Aniline	7.21	93	349986	39.05	ng	95
8) 2-Chlorophenol	7.40	128	283787	42.14	ng	94
9) Benzaldehyde	7.05	77	23126	5.33	ng	94
10) Phenol	7.27	94	346702	46.35	ng	90
11) bis(2-Chloroethyl)ether	7.34	93	247366	40.05	ng	95
12) 1,3-Dichlorobenzene	7.61	146	292941	38.35	ng	99
13) 1,4-Dichlorobenzene	7.73	146	305896	39.49	ng	95
14) 1,2-Dichlorobenzene	7.97	146	291356	40.29	ng	96
15) Benzyl Alcohol	8.00	79	227963	49.93	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.20	45	325719	37.26	ng	95
17) 2-Methylphenol	8.21	107	226403	41.08	ng	96
18) Hexachloroethane	8.48	117	103822	39.56	ng	# 87
19) n-Nitroso-di-n-propylamine	8.42	70	196693	40.97	ng	95
20) 3+4-Methylphenols	8.47	107	305565	40.80	ng	# 58
22) Acetophenone	8.38	105	401529	45.45	ng	# 84
24) Nitrobenzene	8.64	77	266357	43.52	ng	94
25) Isophorone	9.04	82	503260	48.27	ng	96
26) 2-Nitrophenol	9.14	139	158780	48.08	ng	97
27) 2,4-Dimethylphenol	9.28	122	258168	48.35	ng	98
28) bis(2-Chloroethoxy)methane	9.41	93	329172	45.64	ng	98
29) 2,4-Dichlorophenol	9.57	162	245485	48.70	ng	97
30) 1,2,4-Trichlorobenzene	9.65	180	236637	43.81	ng	99
31) Naphthalene	9.76	128	727461	39.31	ng	100
32) Benzoic acid	9.58	122	74291	24.03	ng	98
33) 4-Chloroaniline	9.91	127	130027	18.86	ng	# 89
34) Hexachlorobutadiene	9.98	225	121076	42.49	ng	98
35) Caprolactam	10.54	113	62013m	40.96	ng	
36) 4-Chloro-3-methylphenol	10.76	107	260869	48.40	ng	89
37) 2-Methylnaphthalene	10.88	142	580282	47.78	ng	98
39) 1,2,4,5-Tetrachlorobenzene	11.17	216	222680	38.33	ng	100
40) Hexachlorocyclopentadiene	11.14	237	188724	77.48	ng	98

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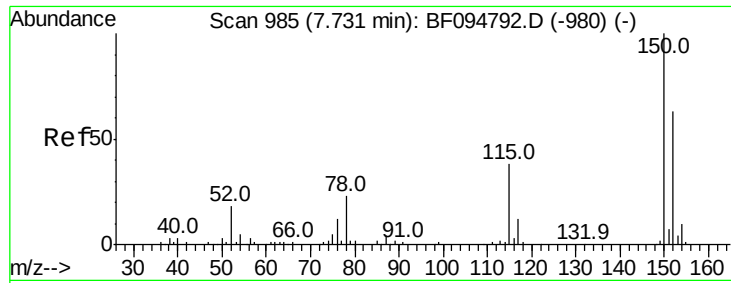
Manual Integrations
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 5/12/2017 3:35:55 PM

Quant Time: May 11 16:35:50 2017
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 QLast Update : Thu May 11 16:33:45 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	11.39	196	155604	40.12	nq	98
43) 2,4,5-Trichlorophenol	11.48	196	163724	39.27	nq	93
45) 1,1'-Biphenyl	11.65	154	635086	39.93	nq	97
46) 2-Chloronaphthalene	11.67	162	501408	39.04	nq	95
47) 2-Nitroaniline	11.88	65	129853	36.94	nq	# 83
48) Acenaphthylene	12.32	152	827191	41.12	nq	99
49) Dimethylphthalate	12.20	163	611429	39.43	nq	99
50) 2,6-Dinitrotoluene	12.30	165	136167	43.04	nq	97
51) Acenaphthene	12.61	154	501751	41.76	nq	99
52) 3-Nitroaniline	12.57	138	93360	27.49	nq	90
53) 2,4-Dinitrophenol	12.77	184	86137	51.82	nq	# 71
54) Dibenzofuran	12.89	168	752403	45.25	nq	99
55) 4-Nitrophenol	12.96	139	156798	76.88	nq	# 74
56) 2,4-Dinitrotoluene	12.96	165	185888	45.72	nq	# 87
57) Fluorene	13.45	166	548472	37.94	nq	99
58) 2,3,4,6-Tetrachlorophenol	13.14	232	137550	52.42	nq	# 92
59) Diethylphthalate	13.35	149	616336	41.46	nq	99
60) 4-Chlorophenyl-phenylether	13.48	204	242934	38.23	nq	90
61) 4-Nitroaniline	13.57	138	125569	40.28	nq	95
62) Azobenzene	13.74	77	551677	46.19	nq	93
64) 4,6-Dinitro-2-methylphenol	13.62	198	78665	36.29	nq	# 71
65) n-Nitrosodiphenylamine	13.68	169	495075	42.19	nq	99
66) 4-Bromophenyl-phenylether	14.26	248	154409	45.20	nq	98
67) Hexachlorobenzene	14.35	284	152254	43.49	nq	# 89
68) Atrazine	14.61	200	141791	42.80	nq	97
69) Pentachlorophenol	14.70	266	122370	77.51	nq	96
70) Phenanthrene	14.99	178	835362	44.97	nq	99
71) Anthracene	15.08	178	876321	46.18	nq	98
72) Carbazole	15.37	167	814376	47.17	nq	98
73) Di-n-butylphthalate	15.93	149	992243	46.08	nq	98
74) Fluoranthene	16.74	202	895822	47.01	nq	99
76) Benzidine	16.97	184	203975	29.58	nq	# 93
77) Pyrene	17.04	202	880028	41.58	nq	99
79) Butylbenzylphthalate	17.94	149	435407	44.23	nq	# 83
80) Benzo(a)anthracene	18.62	228	694470	42.17	nq	98
81) 3,3'-Dichlorobenzidine	18.60	252	150034	26.38	nq	# 97
82) Chrysene	18.67	228	657268	41.27	nq	99
83) Bis(2-ethylhexyl)phthalate	18.69	149	614704	43.83	nq	# 99
84) Di-n-octyl phthalate	19.45	149	942570	40.99	nq	96
85) Indeno(1,2,3-cd)pyrene	21.59	276	493718	38.18	nq	99
87) Benzo(b)fluoranthene	19.89	252	465637	40.57	nq	98
88) Benzo(k)fluoranthene	19.92	252	508229	45.90	nq	# 95
89) Benzo(a)pyrene	20.24	252	454301	42.89	nq	99
90) Dibenzo(a,h)anthracene	21.59	278	411352	47.03	nq	96
91) Benzo(g,h,i)perylene	21.96	276	425962	49.62	nq	98

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



#1

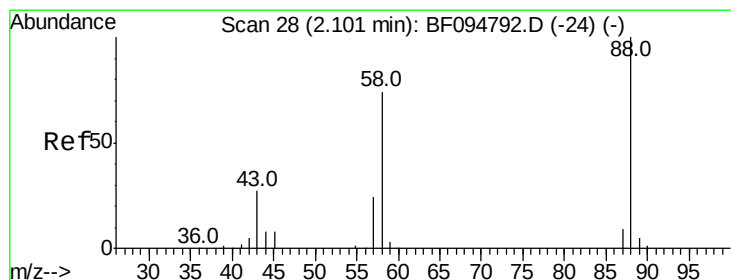
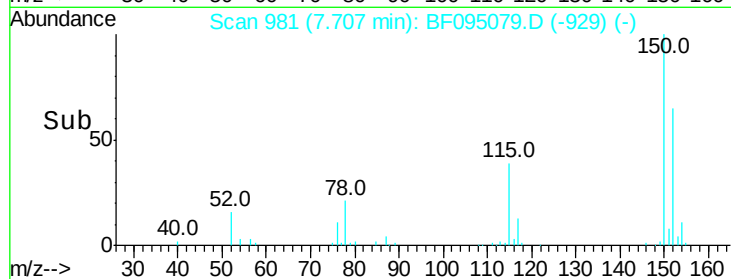
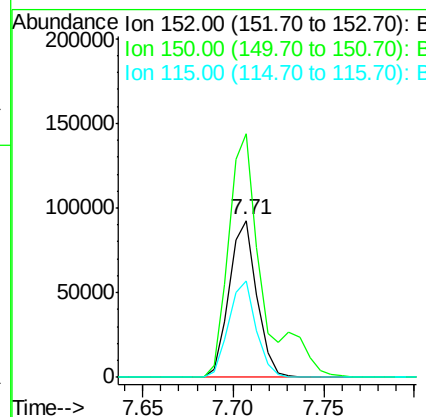
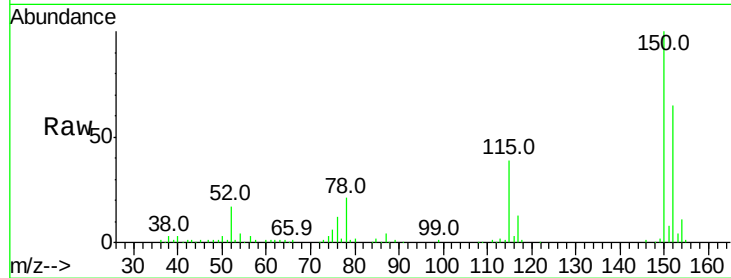
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.71 min Scan# 981
Delta R.T. 0.01 min
Lab File: BF095079.D
Acq: 11 May 2017 14:44

Instrument :
BNA_F
ClientSampleId :
PB98841BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.9	126.2	189.2
115	61.1	52.2	78.2

Manual Integrations
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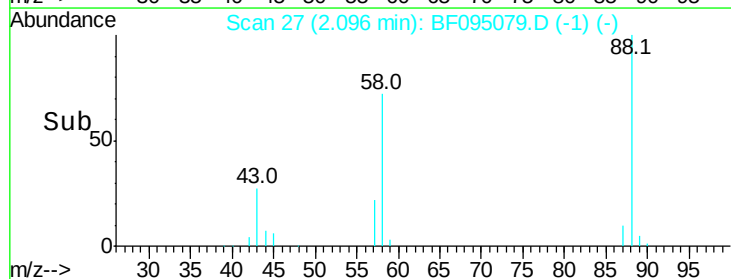
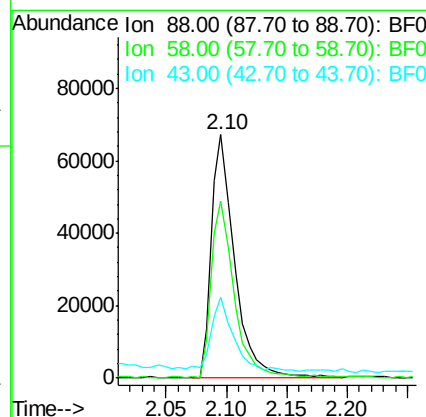
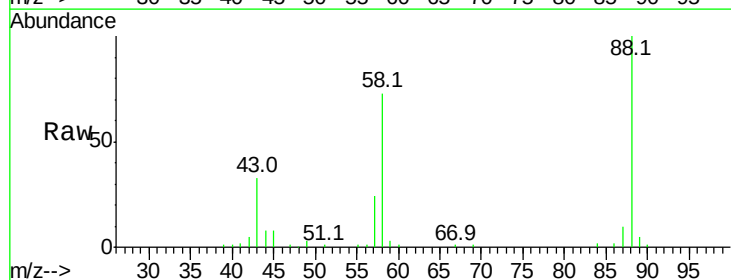
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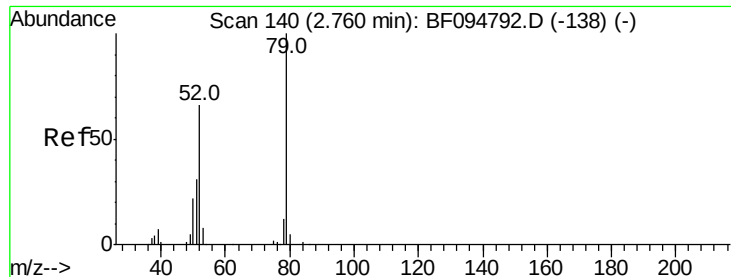


#2

1,4-Dioxane
Concen: 30.86 ng
RT: 2.10 min Scan# 27
Delta R.T. 0.04 min
Lab File: BF095079.D
Acq: 11 May 2017 14:44

Tgt Ion	Ratio	Lower	Upper
88	100		
58	72.9	61.4	92.0
43	29.9	23.4	35.0





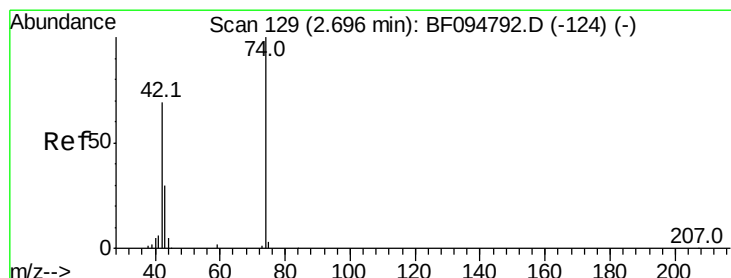
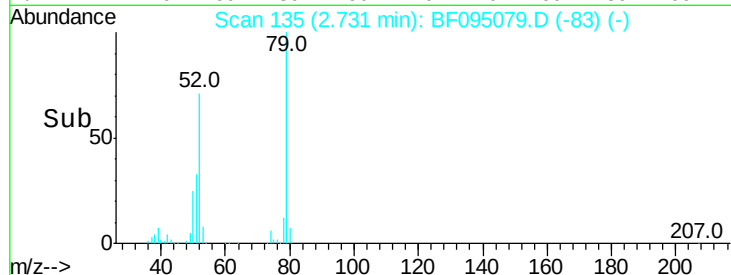
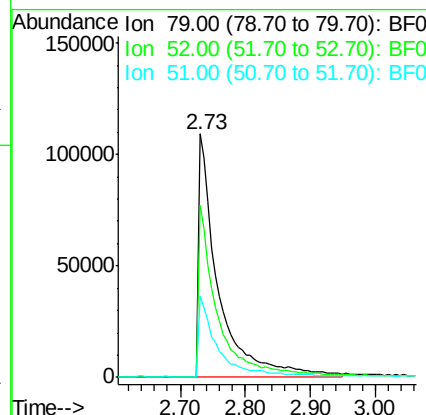
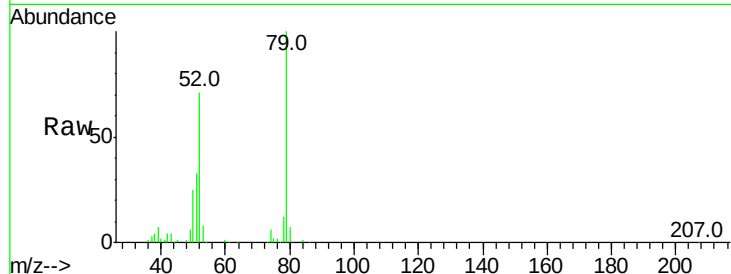
#3
 Pvridine
 Concen: 34.42 ng
 RT: 2.73 min Scan# 135
 Delta R.T. 0.01 min
 Lab File: BF095079.D
 Acq: 11 May 2017 14:44

Instrument :
 BNA_F
 ClientSampleId :
 PB98841BS

Tot Ion	Ratio	Lower	Upper
79	100		
52	70.7	54.8	82.2
51	33.3	27.0	40.4

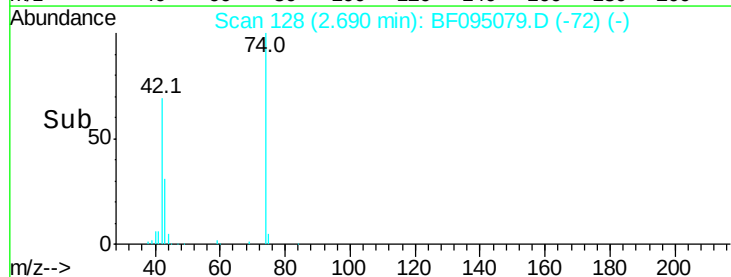
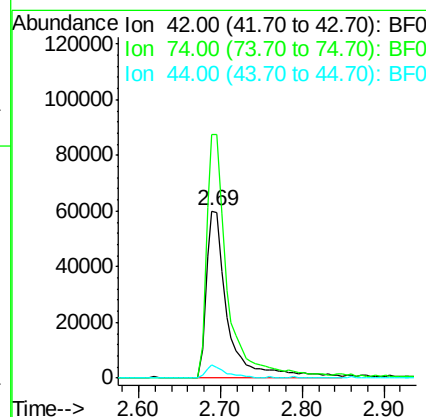
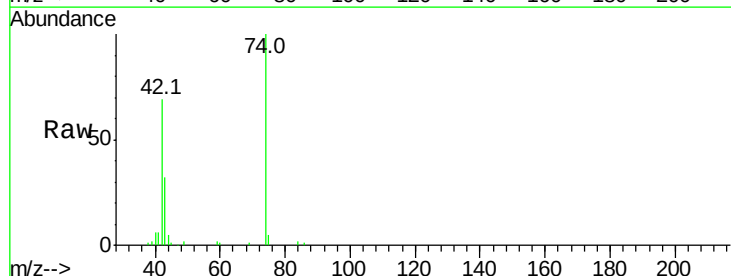
Manual Integrations
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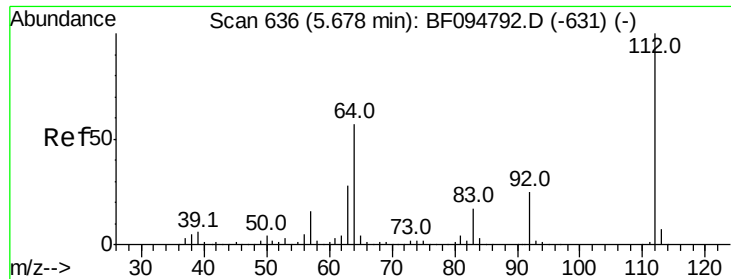
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#4
 n-Nitrosodimethylamine
 Concen: 39.31 ng
 RT: 2.69 min Scan# 128
 Delta R.T. 0.03 min
 Lab File: BF095079.D
 Acq: 11 May 2017 14:44

Tgt Ion	Ratio	Lower	Upper
42	100		
74	145.6	103.9	155.9
44	8.0	5.7	8.5





#5

2-Fluorophenol

Concen: 88.48 ng

RT: 5.67 min Scan# 634

Delta R.T. 0.02 min

Lab File: BF095079.D

Acq: 11 May 2017 14:44

Instrument :

BNA_F

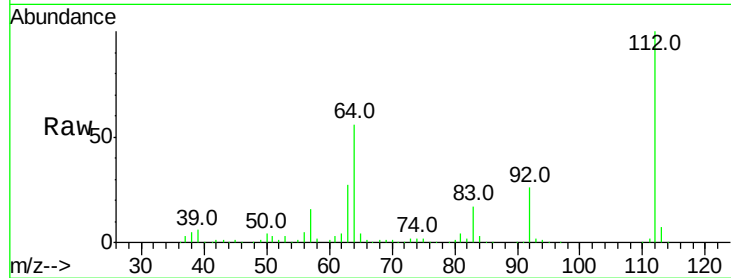
ClientSampleId :

PB98841BS

Tot Ion	Ratio	Resp	Lower	Upper
112	100	523534		
64	55.9	46.0	69.0	
63	27.0	23.4	35.0	

Manual Integrations
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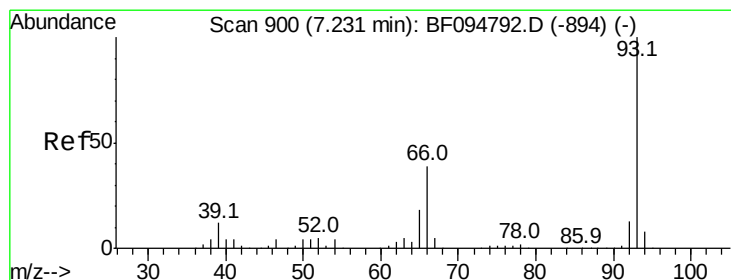
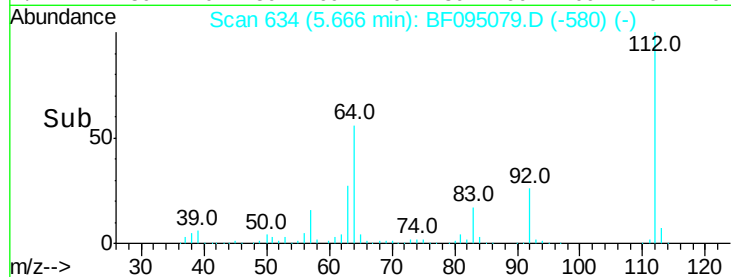
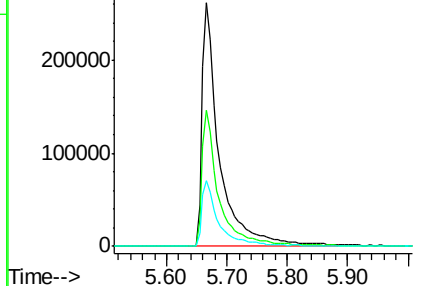
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Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 39.05 ng

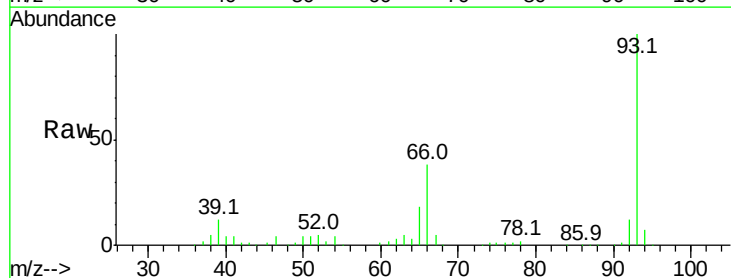
RT: 7.21 min Scan# 896

Delta R.T. 0.00 min

Lab File: BF095079.D

Acq: 11 May 2017 14:44

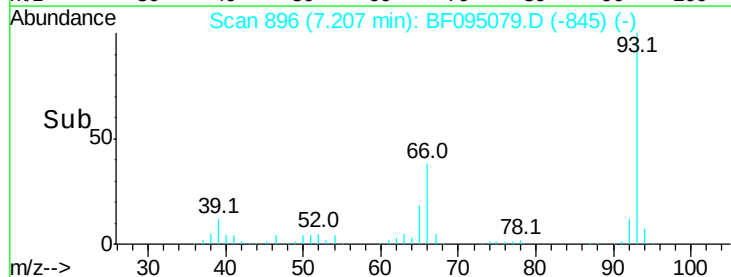
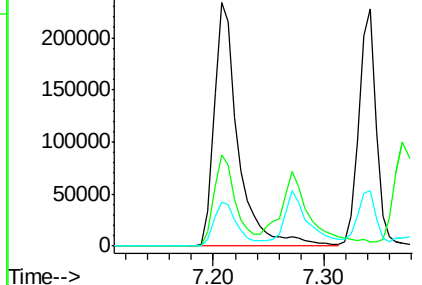
Tgt Ion	Ratio	Resp	Lower	Upper
93	100	349986		
66	37.6	32.9	49.3	
65	18.2	16.0	24.0	

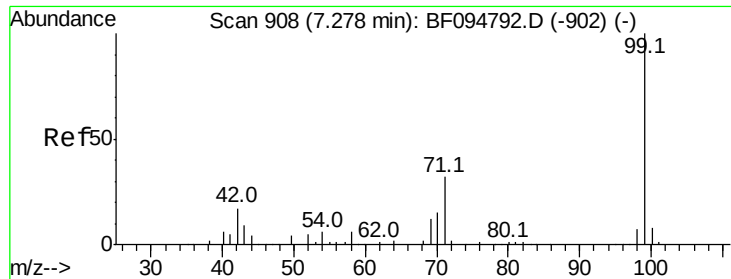


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 86.97 ng

RT: 7.25 min Scan# 904

Delta R.T. 0.00 min

Lab File: BF095079.D

Acq: 11 May 2017 14:44

Instrument :

BNA_F

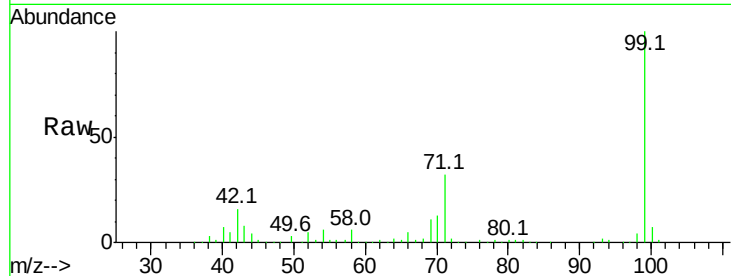
ClientSampleId :

PB98841BS

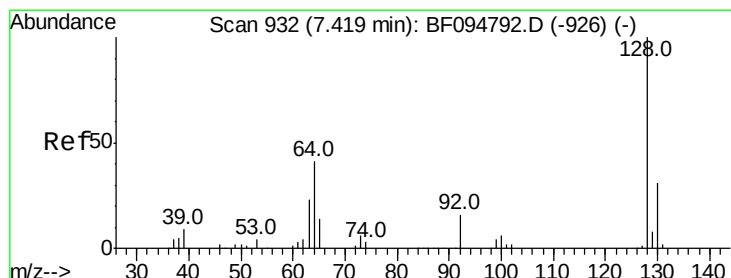
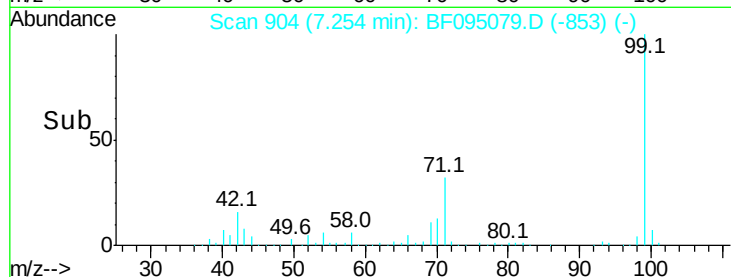
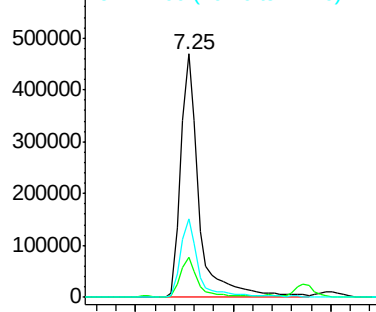
Tot Ion:	99	Resp:	617400
Ion Ratio	Lower	Upper	
99	100		
42	16.4	13.5	20.3
71	32.4	24.5	36.7

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



#8

2-Chlorophenol

Concen: 42.14 ng

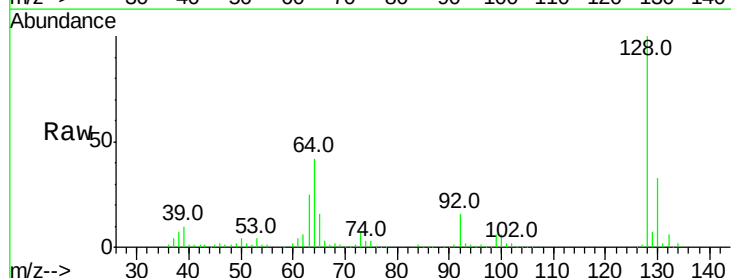
RT: 7.40 min Scan# 929

Delta R.T. 0.01 min

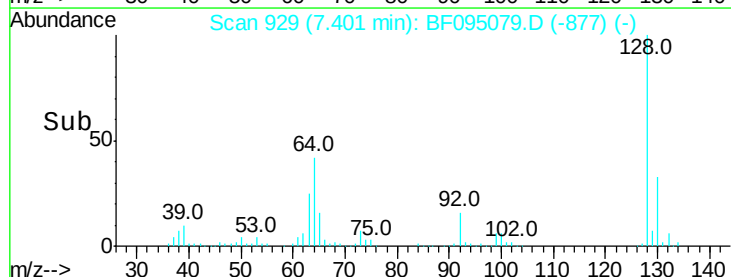
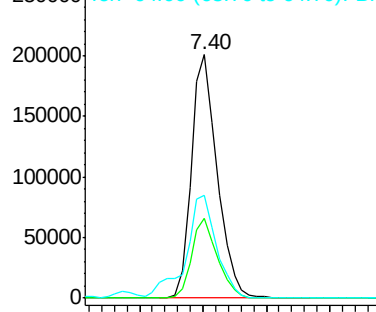
Lab File: BF095079.D

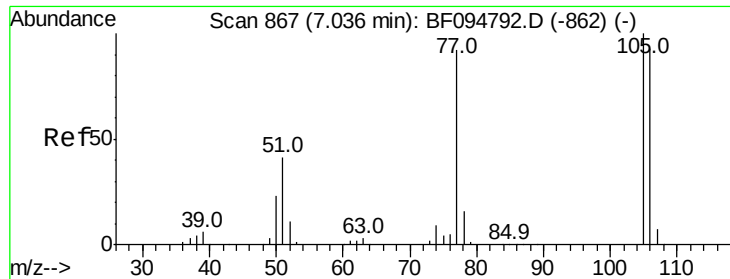
Acq: 11 May 2017 14:44

Tgt Ion:	128	Resp:	283787
Ion Ratio	Lower	Upper	
128	100		
130	32.7	12.9	52.9
64	42.0	28.4	68.4



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





#9

Benzaldehyde

Concen: 5.33 ng

RT: 7.05 min Scan# 869

Delta R.T. 0.03 min

Lab File: BF095079.D

Acq: 11 May 2017 14:44

Instrument :

BNA_F

ClientSampleId :

PB98841BS

Tot Ion: 77 Resp: 23126

Ion Ratio Lower Upper

77 100

105 110.1 83.8 123.8

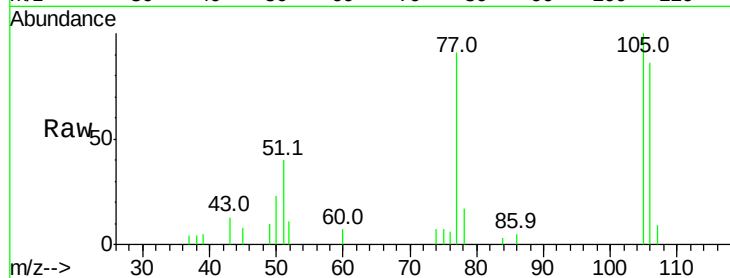
106 94.2 79.1 119.1

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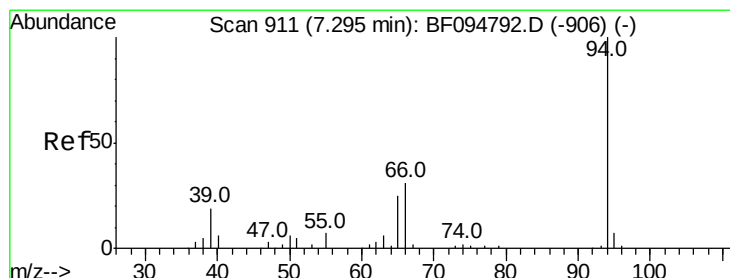
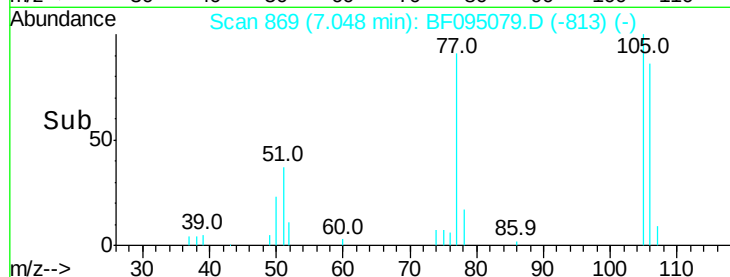
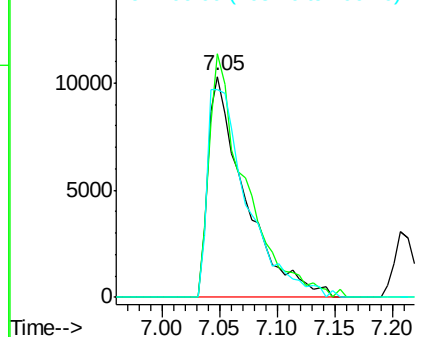
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Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 46.35 ng

RT: 7.27 min Scan# 907

Delta R.T. 0.00 min

Lab File: BF095079.D

Acq: 11 May 2017 14:44

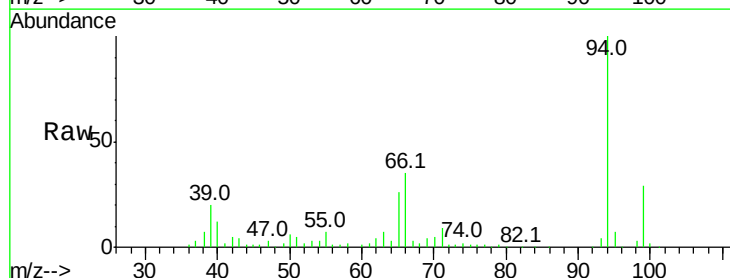
Tgt Ion: 94 Resp: 346702

Ion Ratio Lower Upper

94 100

65 26.3 9.9 49.9

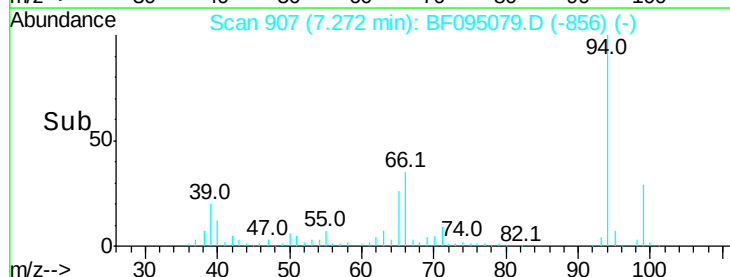
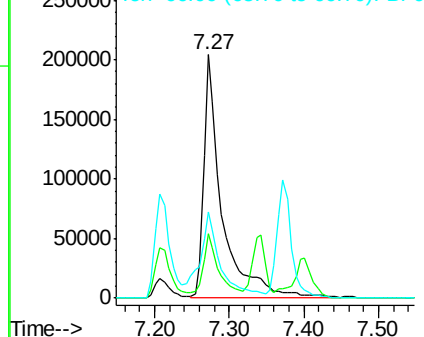
66 35.2 23.1 63.1

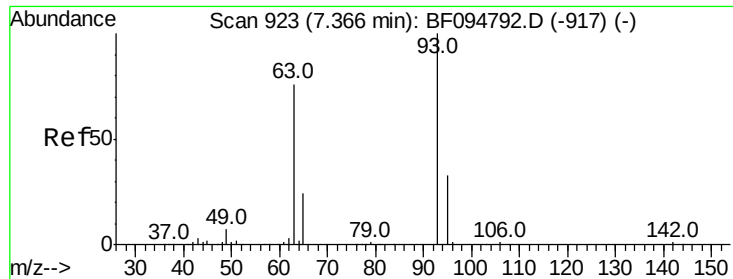


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





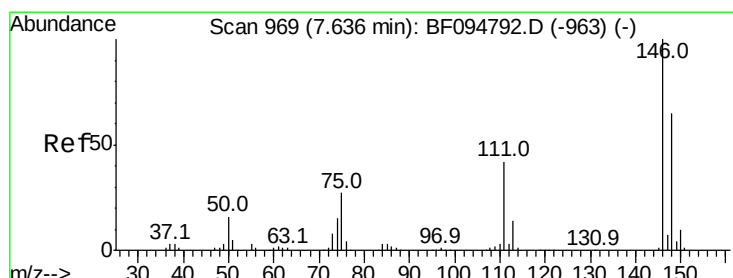
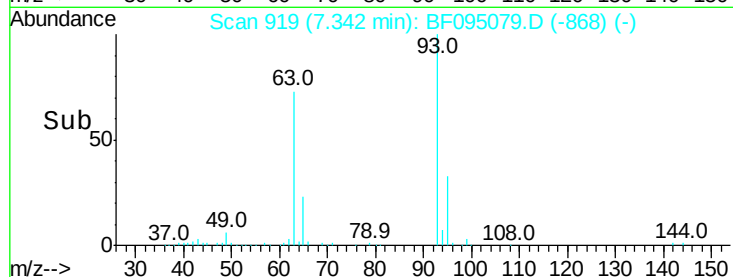
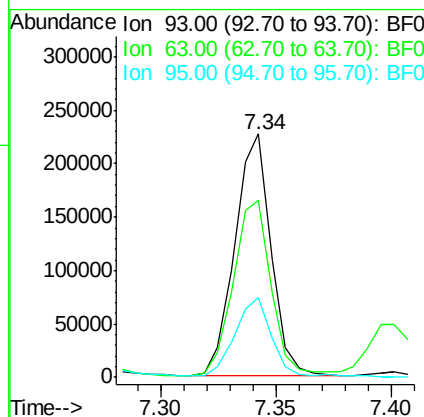
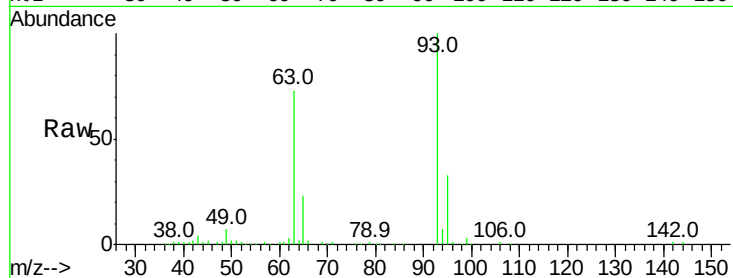
#11
bis(2-Chloroethyl)ether
Concen: 40.05 ng
RT: 7.34 min Scan# 919
Delta R.T. 0.00 min
Lab File: BF095079.D
Acq: 11 May 2017 14:44

Instrument :
BNA_F
ClientSampleId :
PB98841BS

Tot Ion:	93	Resp:	247366
Ion Ratio	Lower	Upper	
93	100		
63	72.8	59.2	99.2
95	32.9	12.8	52.8

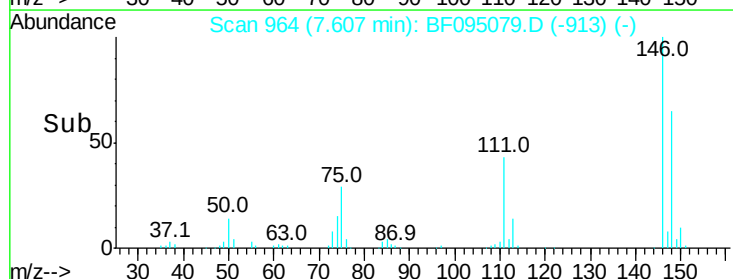
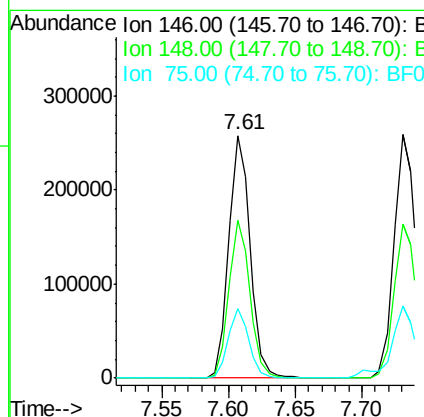
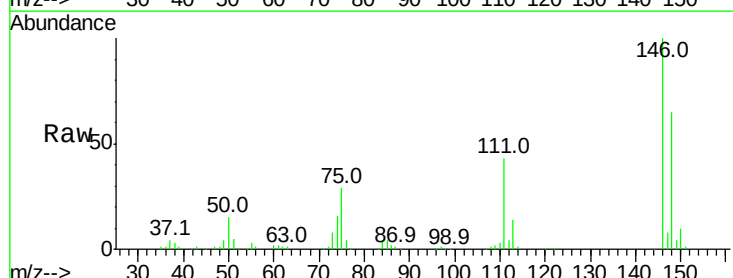
Manual Integrations
APPROVED

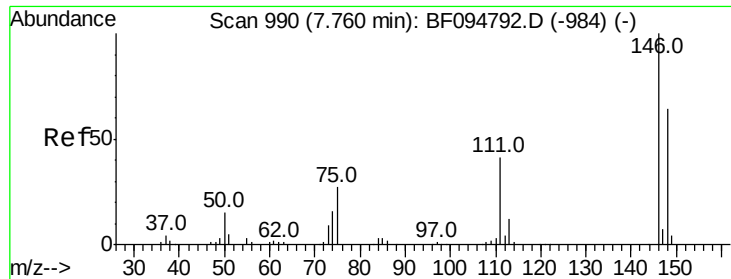
mohammad
5/12/2017 3:35:55 PM



#12
1,3-Dichlorobenzene
Concen: 38.35 ng
RT: 7.61 min Scan# 964
Delta R.T. 0.00 min
Lab File: BF095079.D
Acq: 11 May 2017 14:44

Tgt Ion:	146	Resp:	292941
Ion Ratio	Lower	Upper	
146	100		
148	65.3	51.8	77.6
75	28.6	23.1	34.7





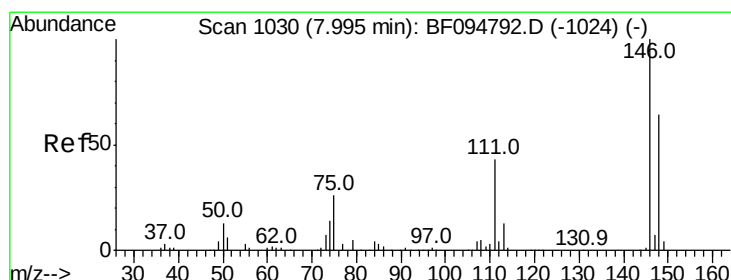
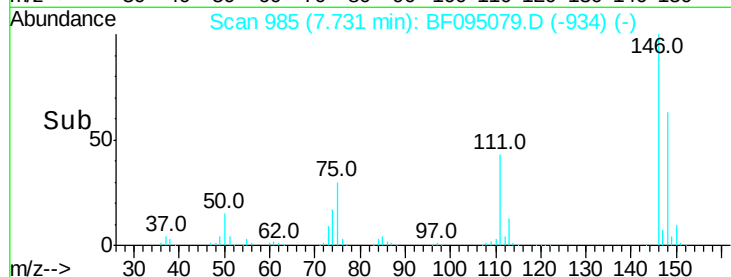
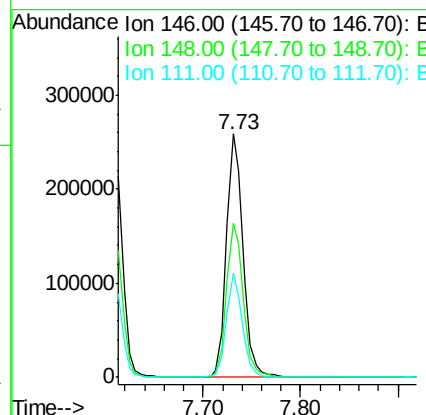
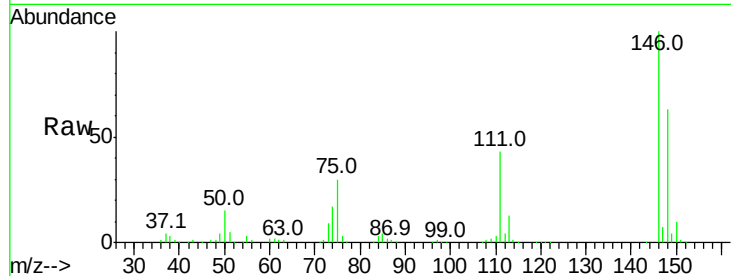
#13
 1,4-Dichlorobenzene
 Concen: 39.49 ng
 RT: 7.73 min Scan# 985
 Delta R.T. 0.00 min
 Lab File: BF095079.D
 Acq: 11 May 2017 14:44

Instrument :
 BNA_F
 ClientSampleId :
 PB98841BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.0	52.2	78.2
111	42.7	30.3	45.5

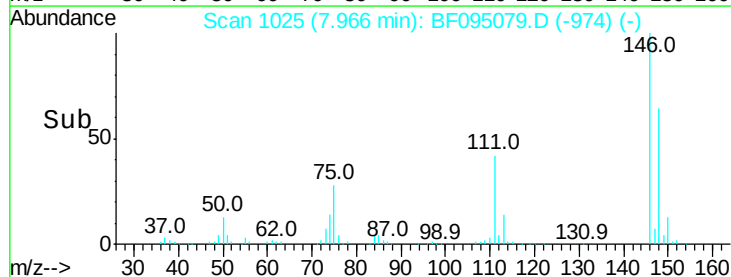
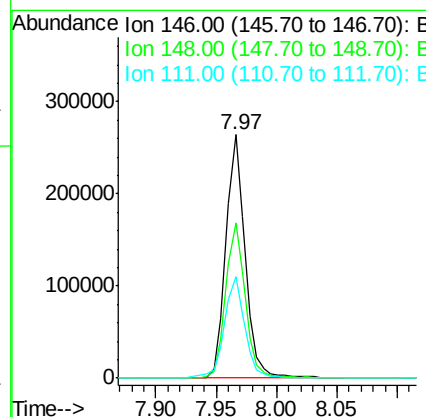
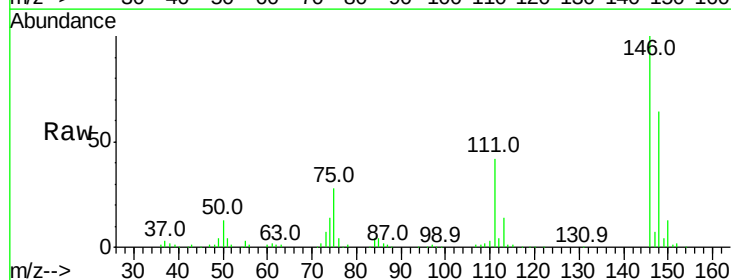
Manual Integrations
 APPROVED

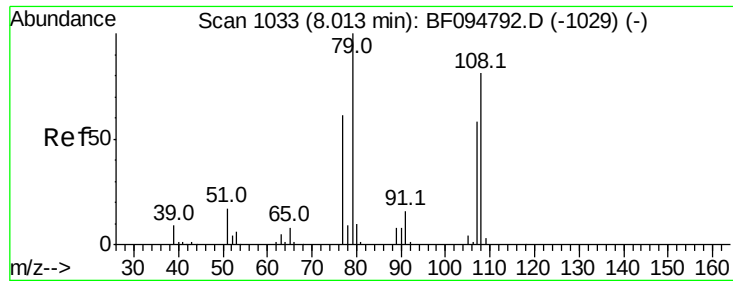
mohammad
 5/12/2017 3:35:55 PM



#14
 1,2-Dichlorobenzene
 Concen: 40.29 ng
 RT: 7.97 min Scan# 1025
 Delta R.T. 0.00 min
 Lab File: BF095079.D
 Acq: 11 May 2017 14:44

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.8	50.4	75.6
111	41.8	38.2	57.4





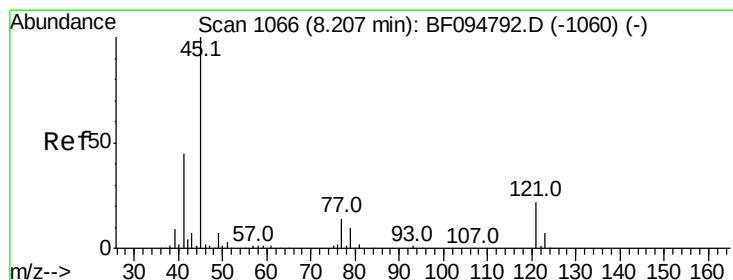
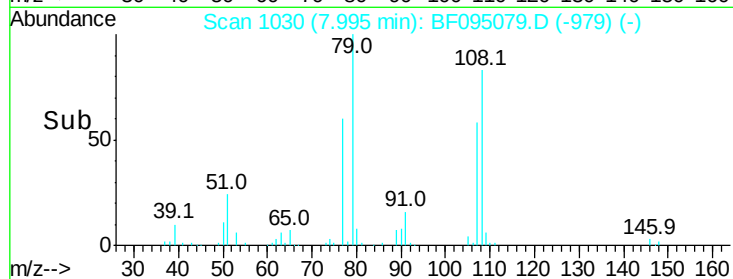
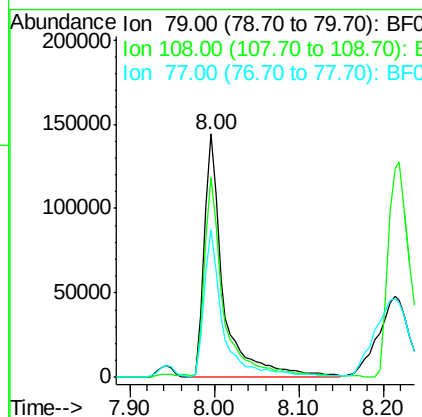
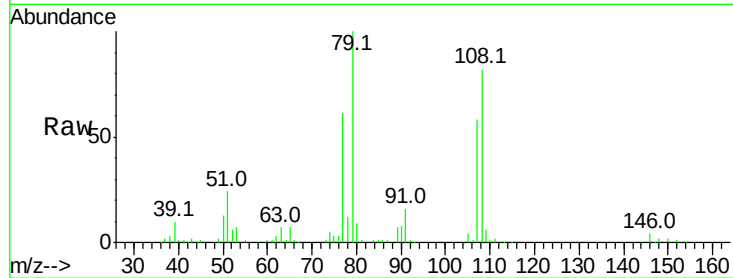
#15
Benzyl Alcohol
Concen: 49.93 ng
RT: 8.00 min Scan# 1030
Delta R.T. 0.00 min
Lab File: BF095079.D
Acq: 11 May 2017 14:44

Instrument :
BNA_F
ClientSampleId :
PB98841BS

Tot Ion	Ratio	Lower	Upper
79	100		
108	82.4	63.4	95.0
77	60.7	49.2	73.8

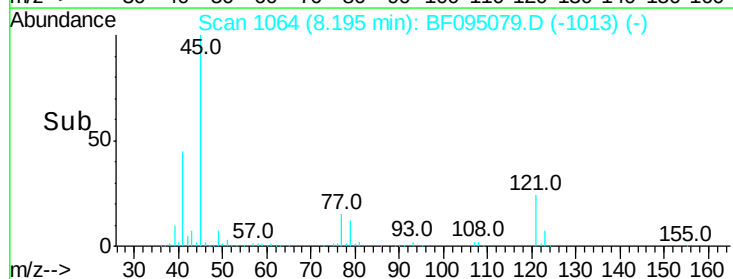
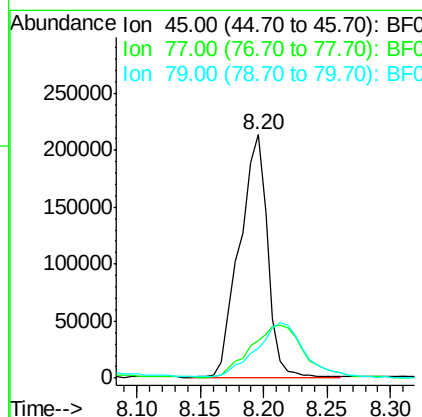
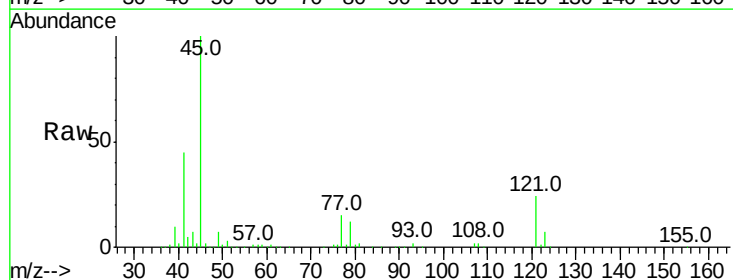
Manual Integrations
APPROVED

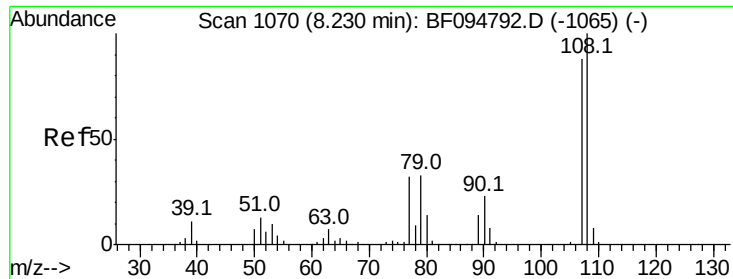
mohammad
5/12/2017 3:35:55 PM



#16
2,2'-oxybis(1-chloropropane)
Concen: 37.26 ng
RT: 8.20 min Scan# 1064
Delta R.T. 0.00 min
Lab File: BF095079.D
Acq: 11 May 2017 14:44

Tgt Ion	Ratio	Lower	Upper
45	100		
77	15.3	0.0	33.2
79	12.2	0.0	30.0





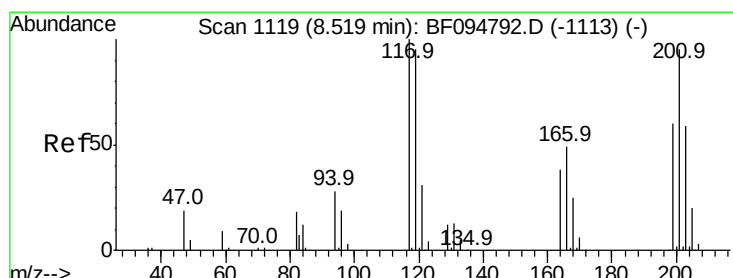
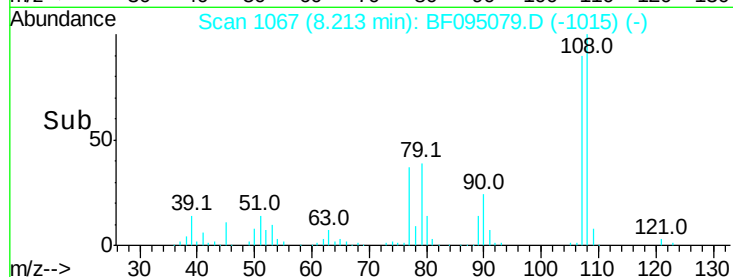
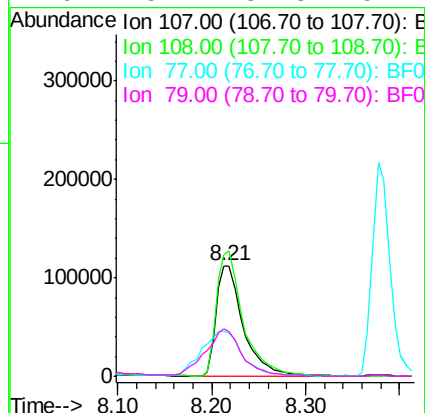
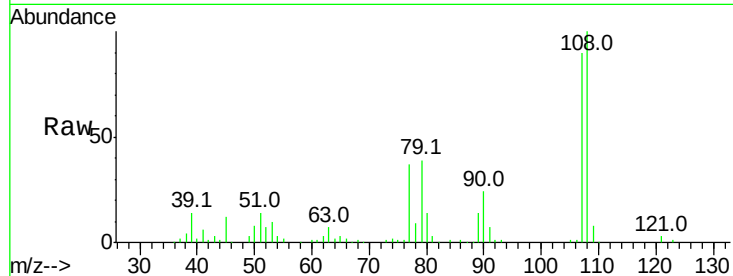
#17
2-Methylphenol
Concen: 41.08 ng
RT: 8.21 min Scan# 1067
Delta R.T. 0.01 min
Lab File: BF095079.D
Acq: 11 May 2017 14:44

Instrument :
BNA_F
ClientSampleId :
PB98841BS

Tot Ion	107	Resp	226403
Ion Ratio	Lower	Upper	
107	100		
108	110.6	93.4	140.0
77	41.2	35.8	53.6
79	43.1	34.8	52.2

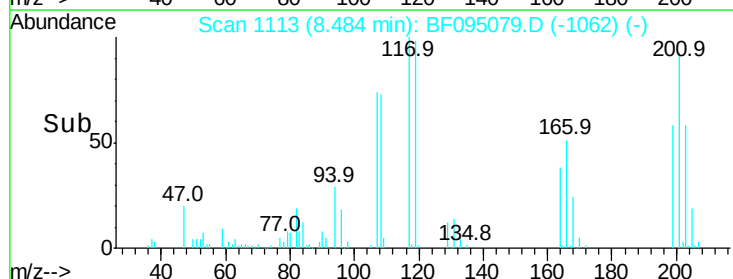
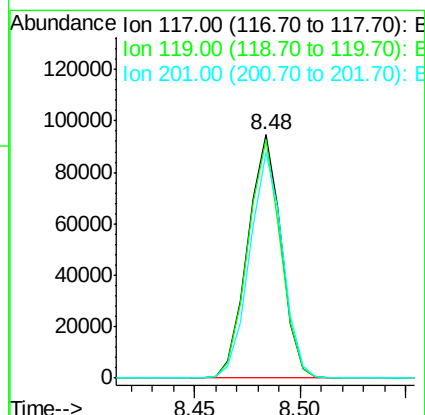
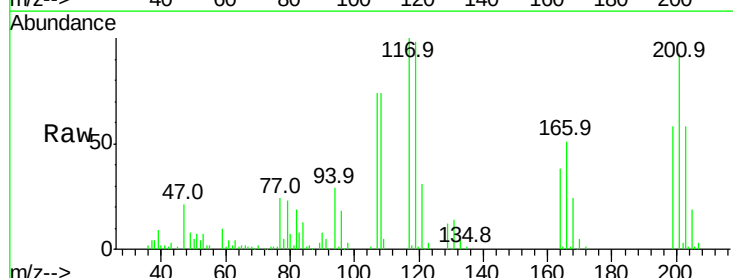
Manual Integrations
APPROVED

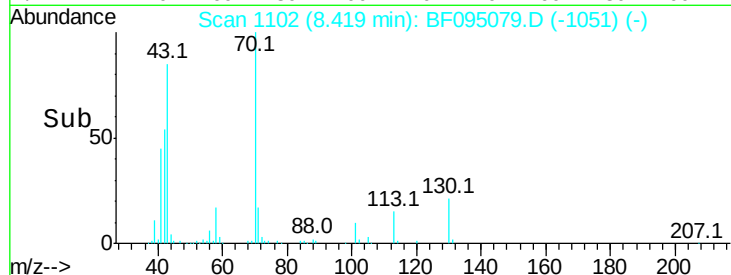
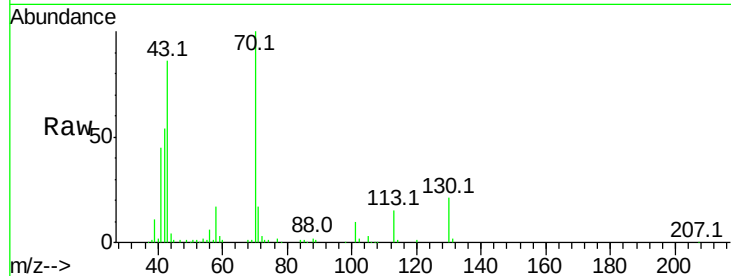
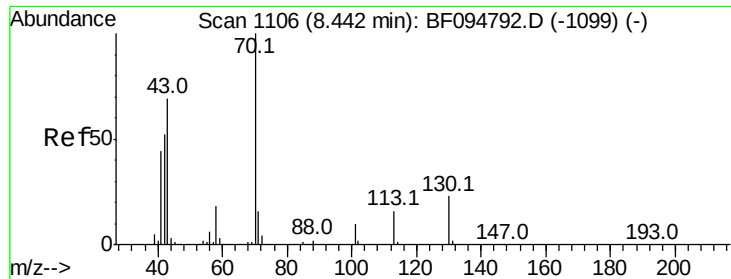
mohammad
5/12/2017 3:35:55 PM



#18
Hexachloroethane
Concen: 39.56 ng
RT: 8.48 min Scan# 1113
Delta R.T. 0.00 min
Lab File: BF095079.D
Acq: 11 May 2017 14:44

Tgt Ion	117	Resp	103822
Ion Ratio	Lower	Upper	
117	100		
119	98.0	77.4	116.0
201	92.9	94.6	141.8#





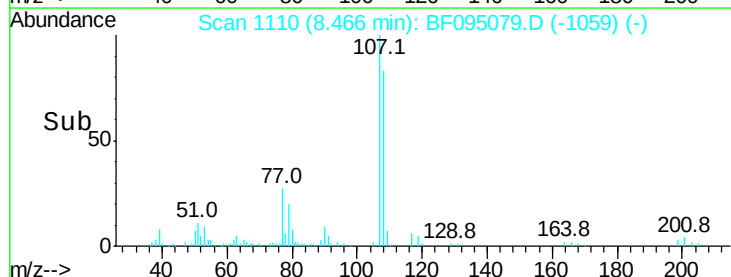
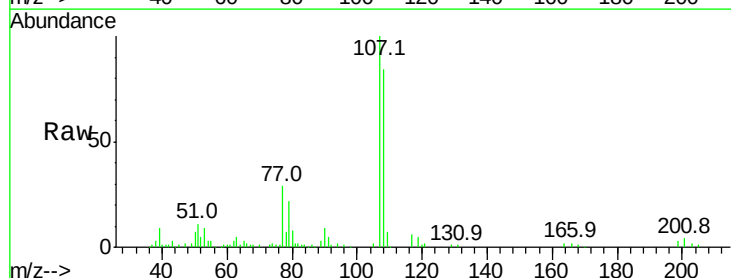
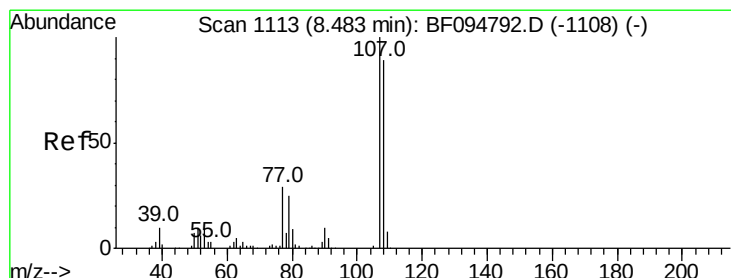
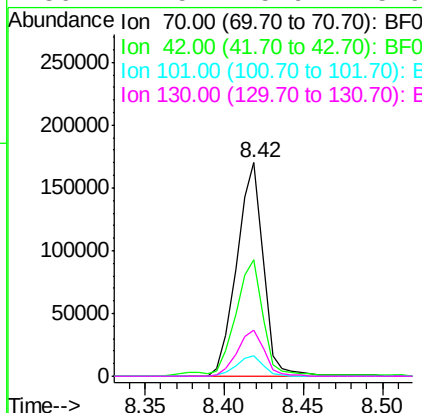
#19
n-Nitroso-di-n-propylamine
Concen: 40.97 ng
RT: 8.42 min Scan# 1102
Delta R.T. 0.00 min
Lab File: BF095079.D
Acq: 11 May 2017 14:44

Instrument :
BNA_F
ClientSampleId :
PB98841BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100		196693		
42	54.3	47.2	70.8		
101	9.7	7.2	10.8		
130	21.5	15.9	23.9		

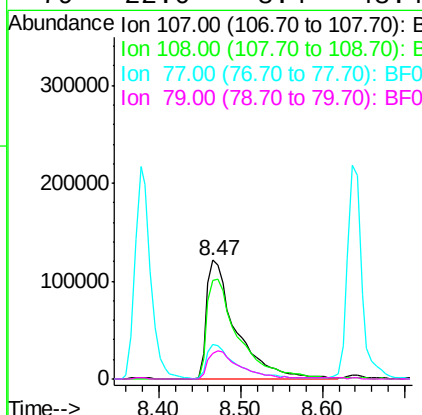
Manual Integrations
APPROVED

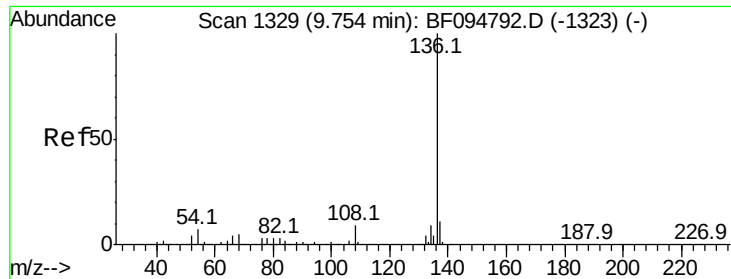
mohammad
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#20
3+4-Methylphenols
Concen: 40.80 ng
RT: 8.47 min Scan# 1110
Delta R.T. 0.00 min
Lab File: BF095079.D
Acq: 11 May 2017 14:44

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100		305565		
108	83.6	71.0	111.0		
77	28.7	90.5	130.5#		
79	22.0	8.4	48.4		





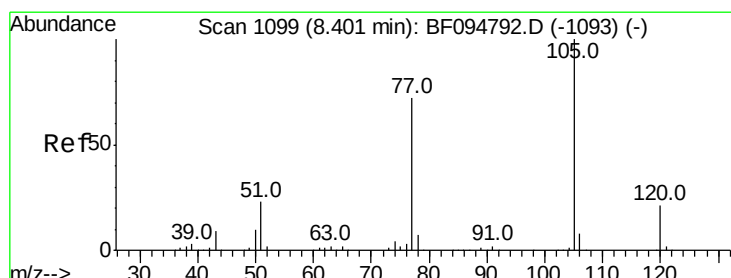
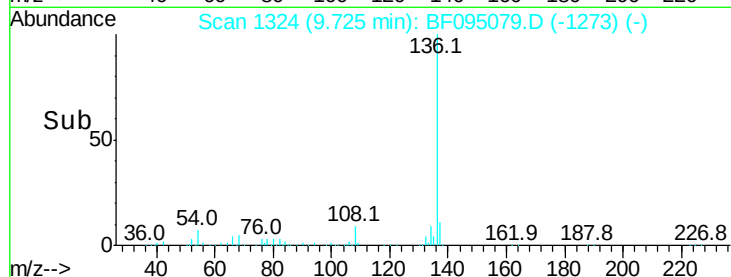
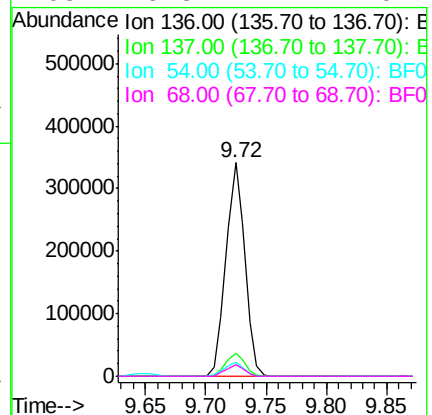
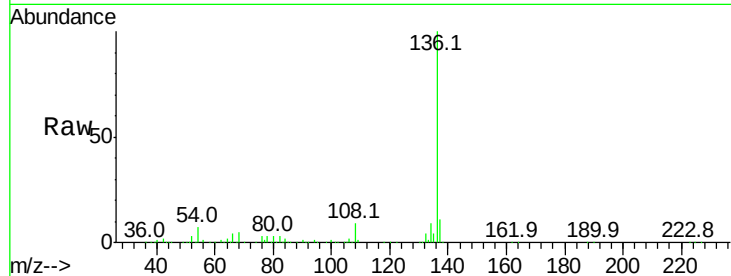
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 9.72 min Scan# 1324
Delta R.T. 0.00 min
Lab File: BF095079.D
Acq: 11 May 2017 14:44

Instrument :
BNA_F
ClientSampleId :
PB98841BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	11.0	8.5	12.7	
54	6.7	4.9	7.3	
68	5.3	4.1	6.1	

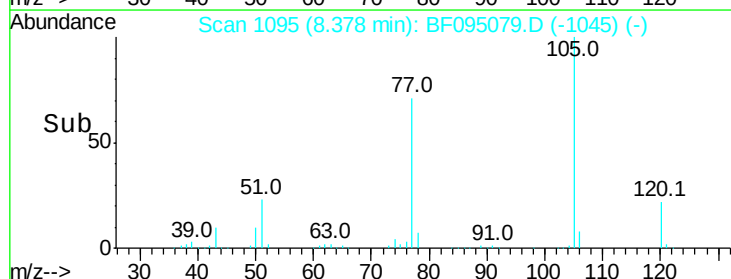
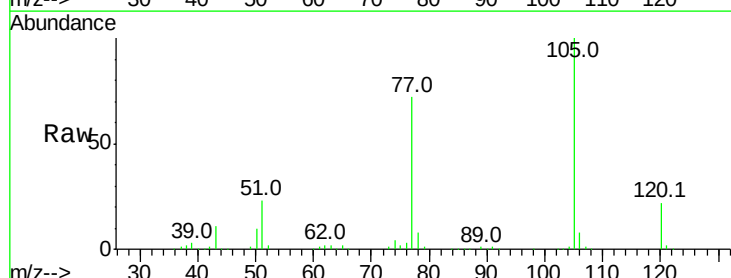
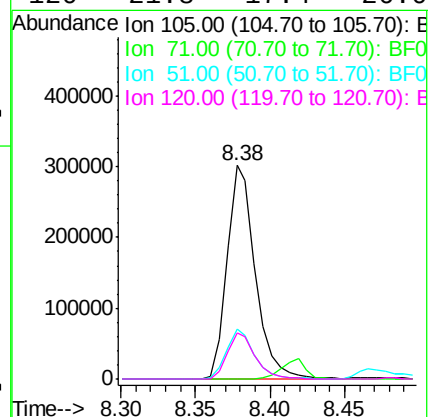
Manual Integrations
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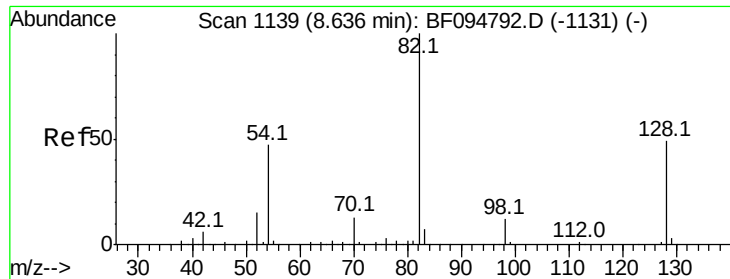
mohammad
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#22
Acetophenone
Concen: 45.45 ng
RT: 8.38 min Scan# 1095
Delta R.T. -0.01 min
Lab File: BF095079.D
Acq: 11 May 2017 14:44

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	0.0	2.8	4.2#	
51	23.4	30.7	46.1#	
120	21.8	17.4	26.0	





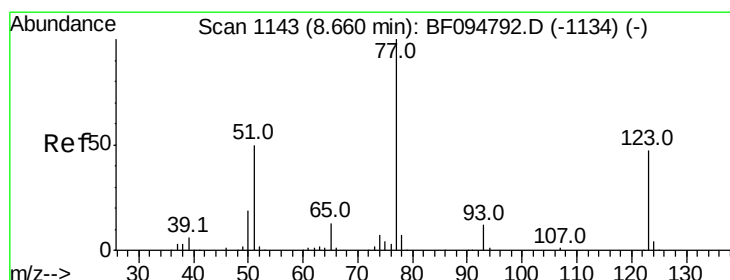
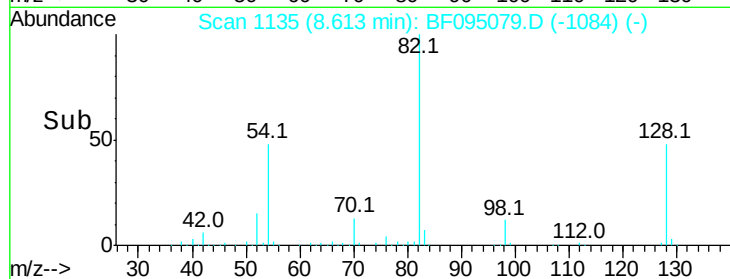
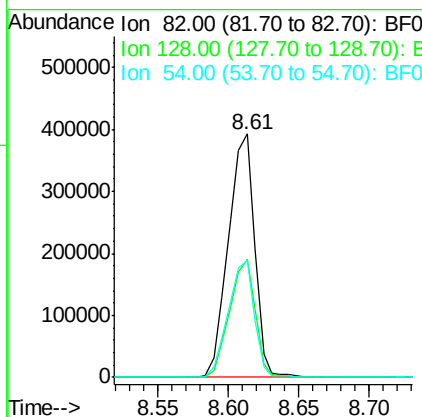
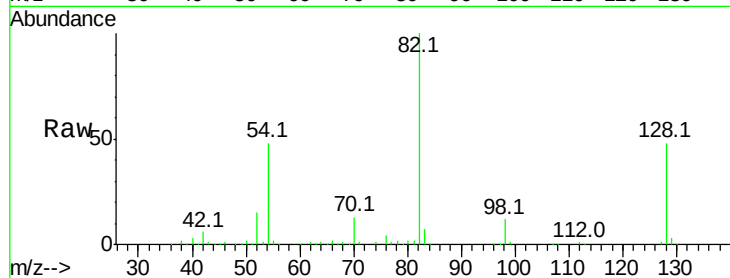
#23
 Nitrobenzene-d5
 Concen: 87.25 ng
 RT: 8.61 min Scan# 1135
 Delta R.T. 0.00 min
 Lab File: BF095079.D
 Acq: 11 May 2017 14:44

Instrument :
 BNA_F
 ClientSampled :
 PB98841BS

Tot Ion	82	Resp	509409
Ion Ratio	100	Lower	Upper
128	48.4	34.0	51.0
54	48.2	42.2	63.2

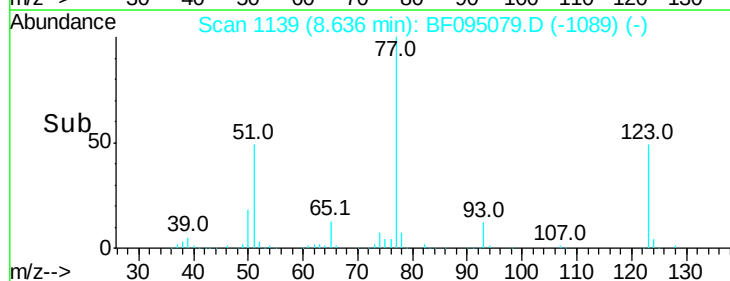
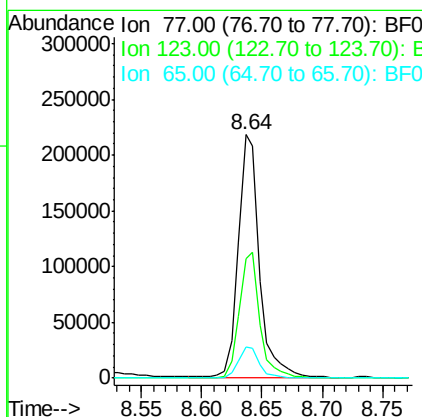
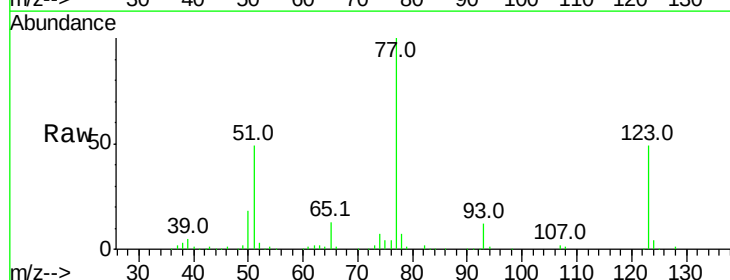
Manual Integrations
 APPROVED

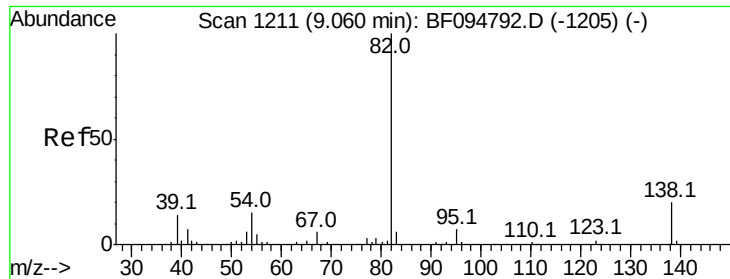
mohammad
 5/12/2017 3:35:55 PM



#24
 Nitrobenzene
 Concen: 43.52 ng
 RT: 8.64 min Scan# 1139
 Delta R.T. -0.01 min
 Lab File: BF095079.D
 Acq: 11 May 2017 14:44

Tgt Ion	77	Resp	266357
Ion Ratio	100	Lower	Upper
123	49.2	35.8	53.8
65	12.7	10.6	15.8





#25

Isophorone

Concen: 48.27 ng

RT: 9.04 min Scan# 1207

Delta R.T. -0.01 min

Lab File: BF095079.D

Acq: 11 May 2017 14:44

Instrument :

BNA_F

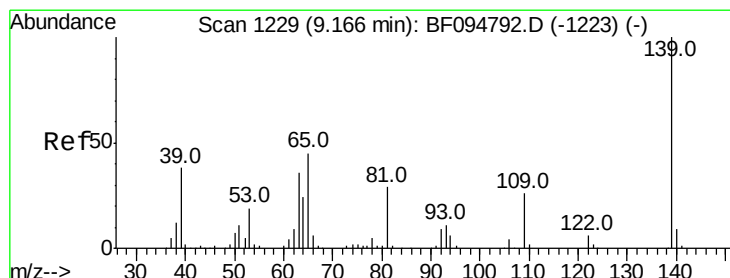
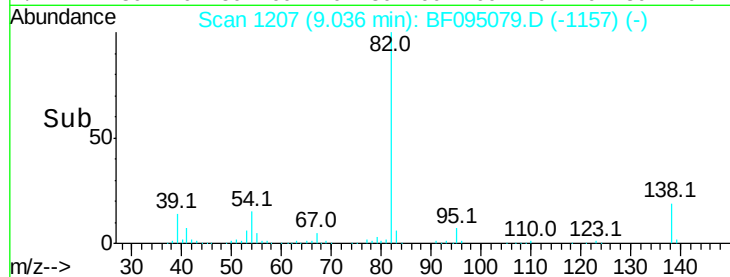
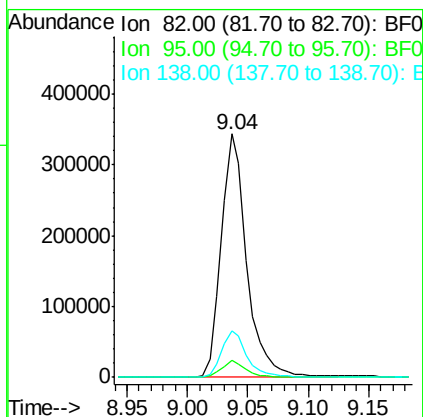
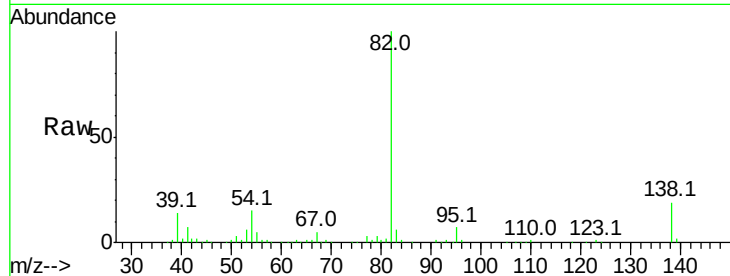
ClientSampleId :

PB98841BS

Tot Ion:	82	Resp:	503260
Ion Ratio	Lower	Upper	
82	100		
95	6.9	5.3	7.9
138	18.9	13.1	19.7

Manual Integrations
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5/12/2017 3:35:55 PM



#26

2-Nitrophenol

Concen: 48.08 ng

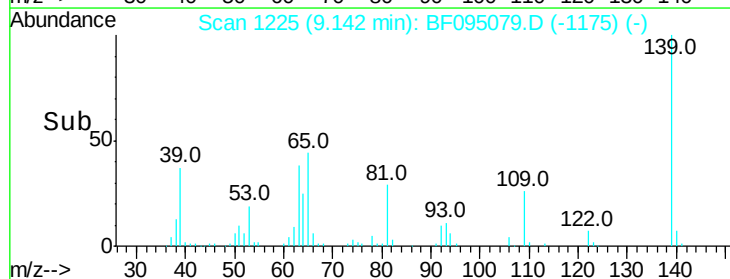
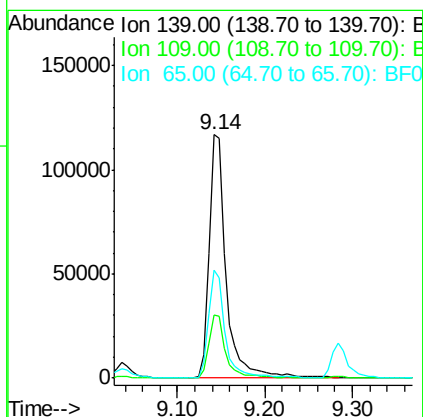
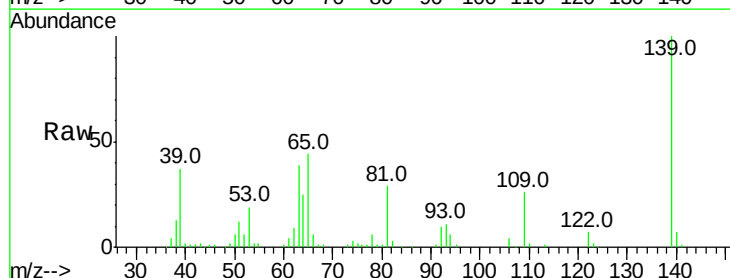
RT: 9.14 min Scan# 1225

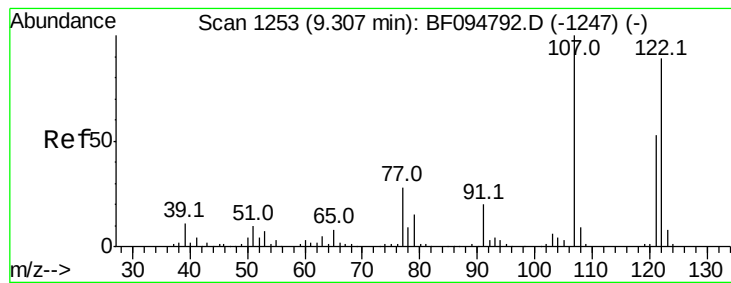
Delta R.T. -0.01 min

Lab File: BF095079.D

Acq: 11 May 2017 14:44

Tgt Ion:	139	Resp:	158780
Ion Ratio	Lower	Upper	
139	100		
109	25.8	21.0	31.6
65	44.4	33.0	49.6





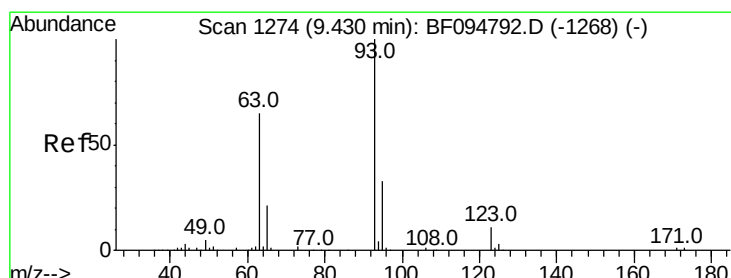
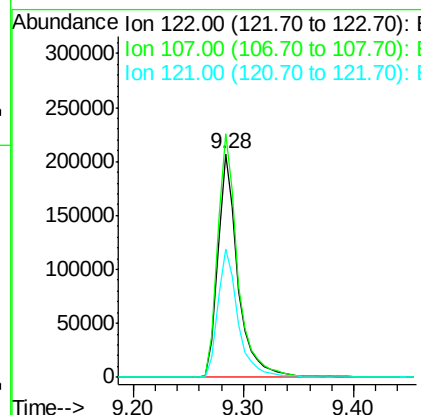
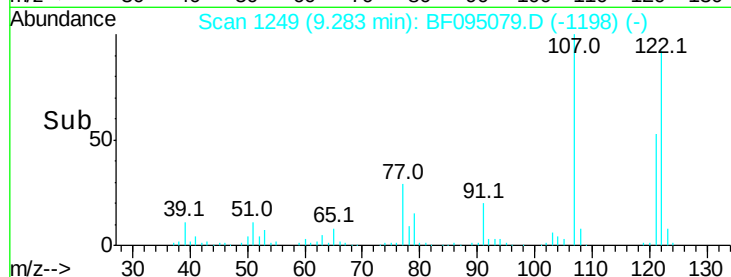
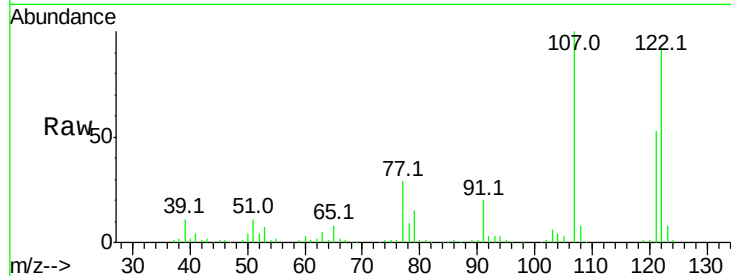
#27
 2,4-Dimethylphenol
 Concen: 48.35 ng
 RT: 9.28 min Scan# 1249
 Delta R.T. 0.00 min
 Lab File: BF095079.D
 Acq: 11 May 2017 14:44

Instrument :
 BNA_F
 ClientSampleId :
 PB98841BS

Tot Ion:	122	Resp:	258168
Ion Ratio	Lower	Upper	
122	100		
107	108.9	89.2	133.8
121	57.5	45.2	67.8

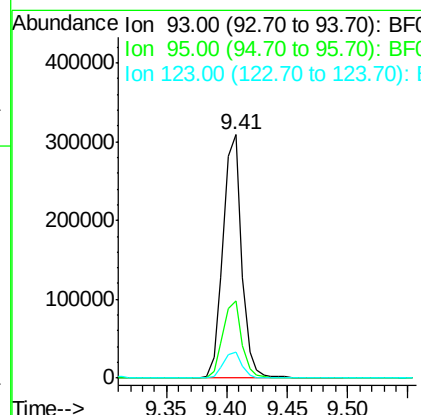
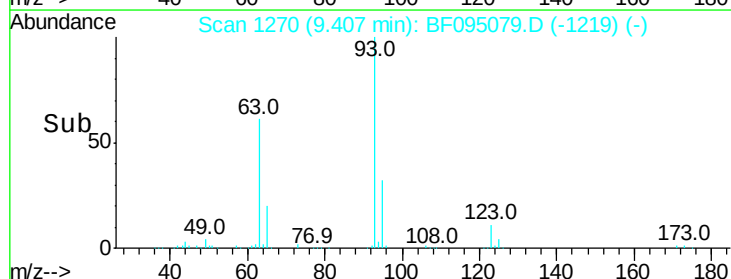
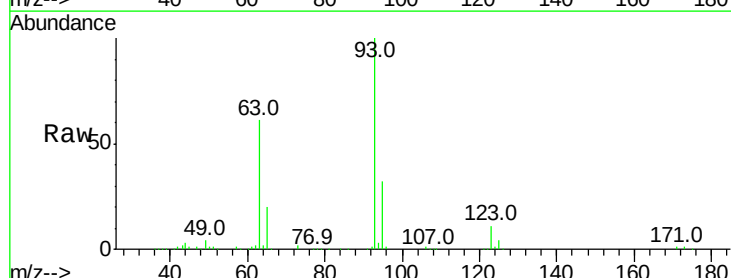
Manual Integrations
 APPROVED

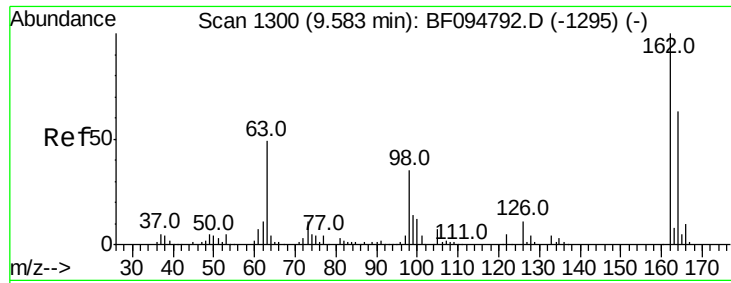
mohammad
 5/12/2017 3:35:55 PM



#28
 bis(2-Chloroethoxy)methane
 Concen: 45.64 ng
 RT: 9.41 min Scan# 1270
 Delta R.T. 0.00 min
 Lab File: BF095079.D
 Acq: 11 May 2017 14:44

Tgt Ion:	93	Resp:	329172
Ion Ratio	Lower	Upper	
93	100		
95	31.8	26.5	39.7
123	10.6	9.0	13.4





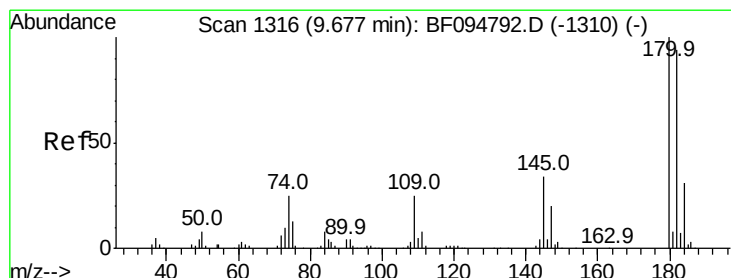
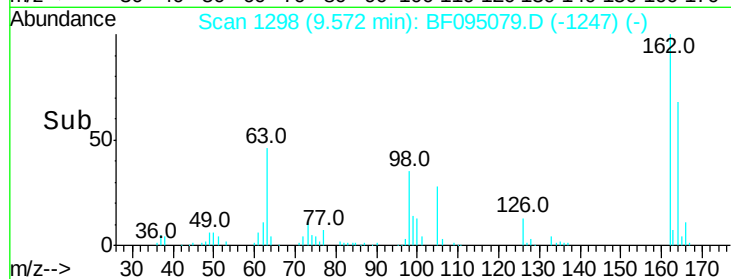
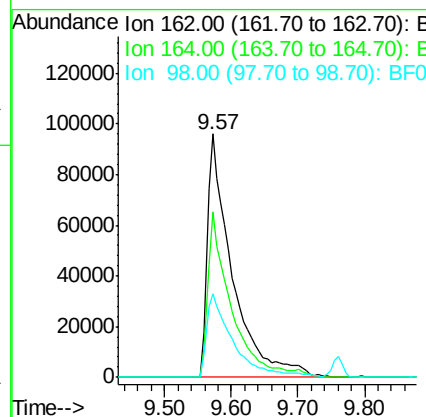
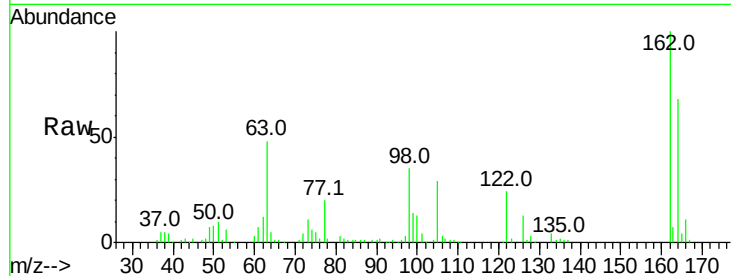
#29
 2,4-Dichlorophenol
 Concen: 48.70 ng
 RT: 9.57 min Scan# 1298
 Delta R.T. 0.00 min
 Lab File: BF095079.D
 Acq: 11 May 2017 14:44

Instrument :
 BNA_F
 ClientSampleId :
 PB98841BS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	245485		
164	67.9	44.6	84.6	
98	34.5	14.8	54.8	

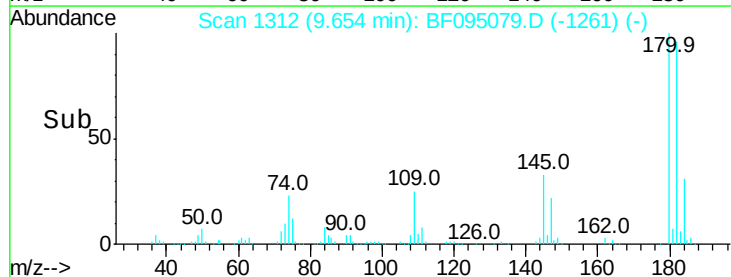
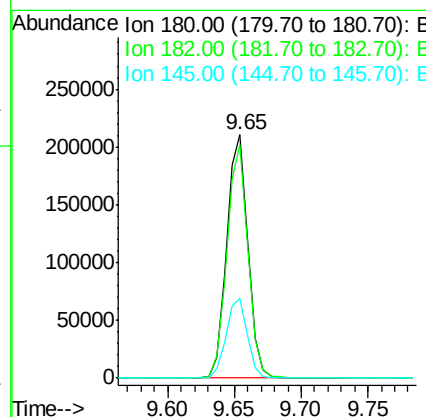
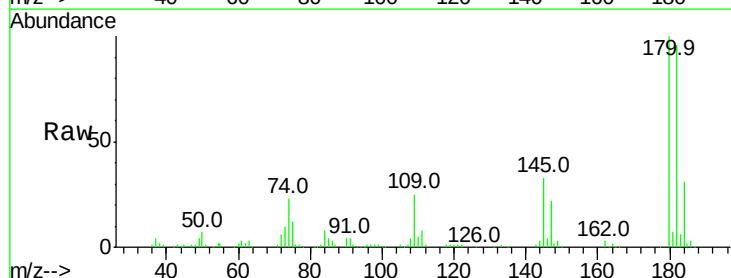
Manual Integrations
 APPROVED

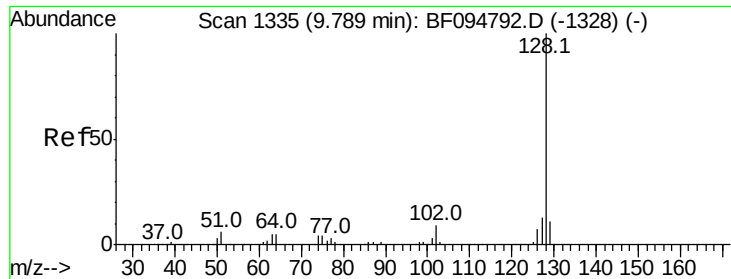
mohammad
 5/12/2017 3:35:55 PM



#30
 1,2,4-Trichlorobenzene
 Concen: 43.81 ng
 RT: 9.65 min Scan# 1312
 Delta R.T. 0.00 min
 Lab File: BF095079.D
 Acq: 11 May 2017 14:44

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	236637		
182	95.9	75.8	113.6	
145	32.7	25.3	37.9	





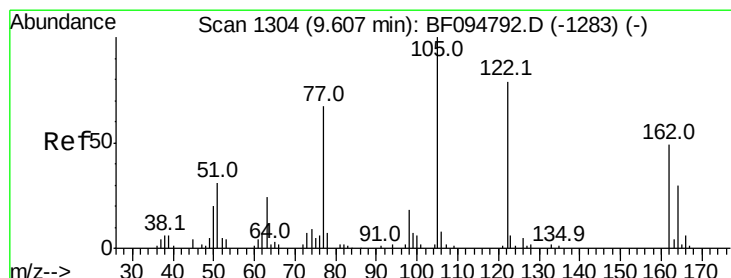
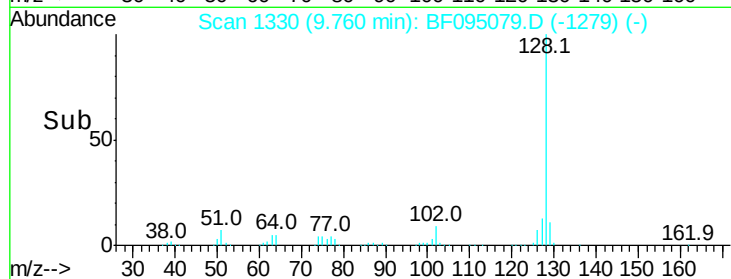
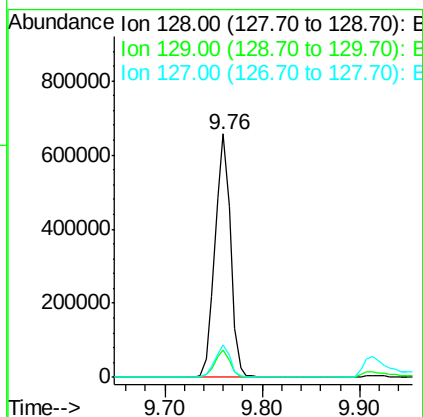
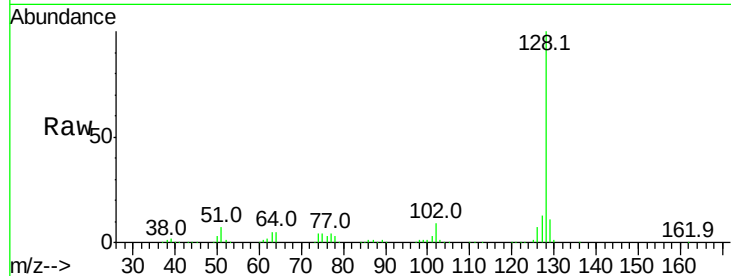
#31
Naphthalene
Concen: 39.31 ng
RT: 9.76 min Scan# 1330
Delta R.T. 0.00 min
Lab File: BF095079.D
Acq: 11 May 2017 14:44

Instrument :
BNA_F
ClientSampleId :
PB98841BS

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.2	9.0	13.6
127	13.5	10.8	16.2

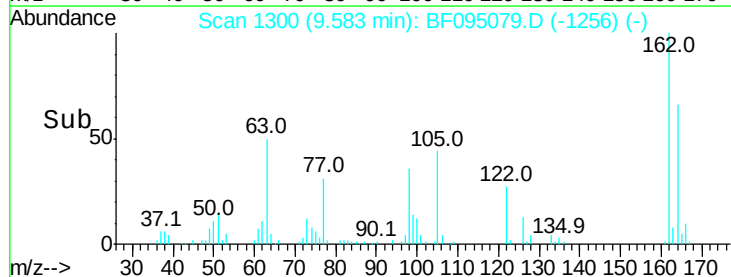
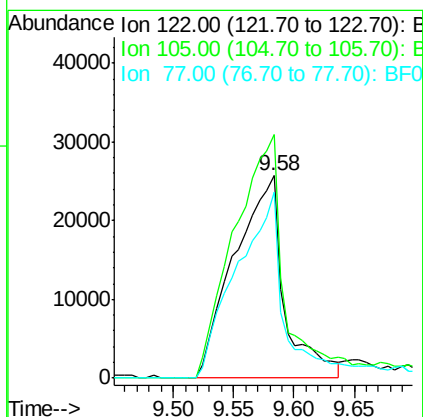
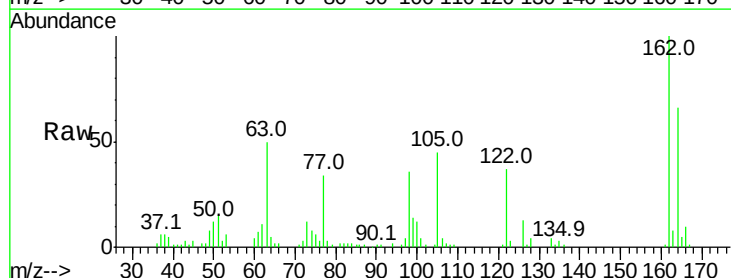
Manual Integrations
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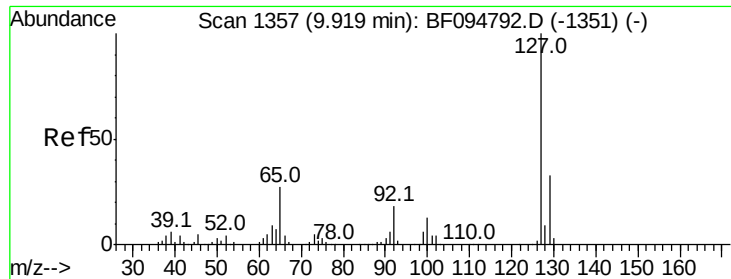
mohammad
5/12/2017 3:35:55 PM



#32
Benzoic acid
Concen: 24.03 ng
RT: 9.58 min Scan# 1300
Delta R.T. -0.04 min
Lab File: BF095079.D
Acq: 11 May 2017 14:44

Tgt Ion	Ratio	Lower	Upper
122	100		
105	120.4	103.3	143.3
77	92.2	73.7	113.7





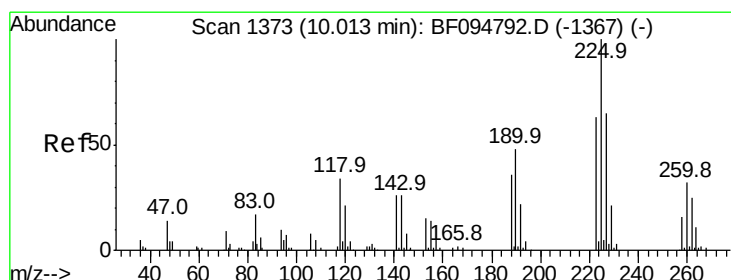
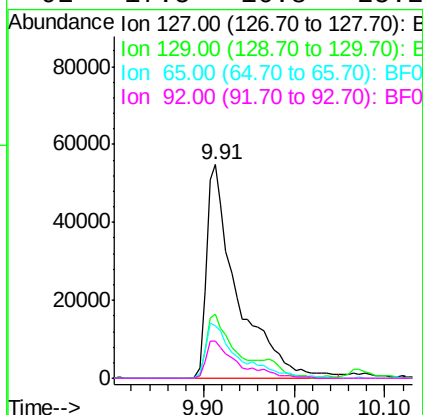
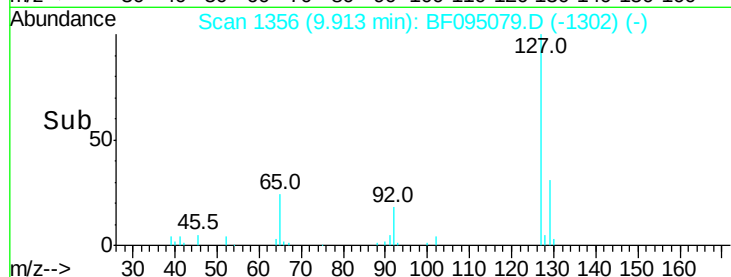
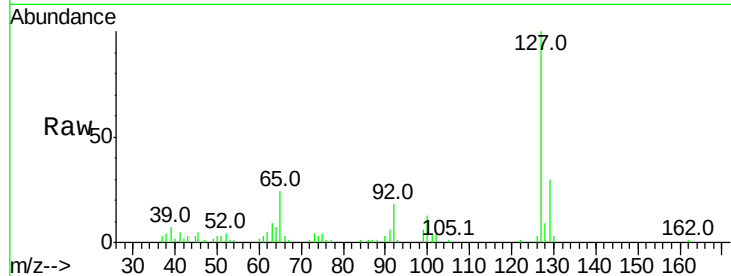
#33
 4-Chloroaniline
 Concen: 18.86 ng
 RT: 9.91 min Scan# 1356
 Delta R.T. 0.02 min
 Lab File: BF095079.D
 Acq: 11 May 2017 14:44

Instrument :
 BNA_F
 ClientSampleId :
 PB98841BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	30.1	26.2	39.2		
65	24.3	27.8	41.8		
92	17.5	16.8	25.2		

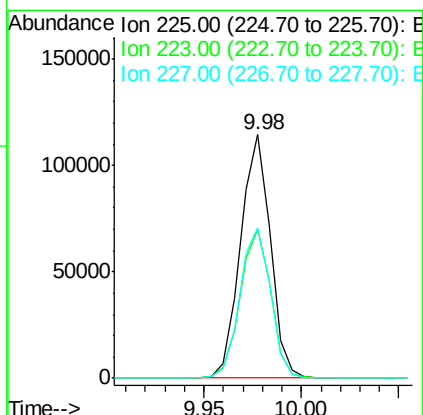
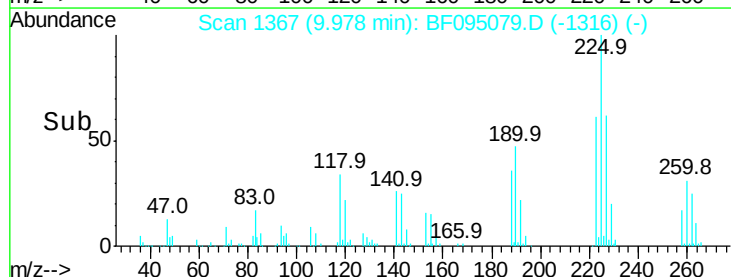
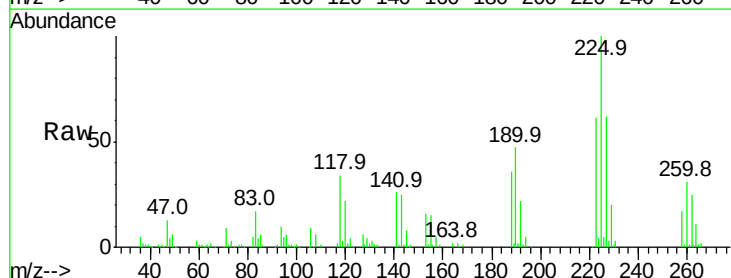
Manual Integrations
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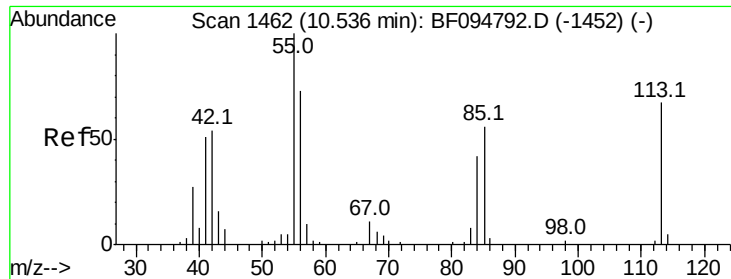
mohammad
 5/12/2017 3:35:55 PM



#34
 Hexachlorobutadiene
 Concen: 42.49 ng
 RT: 9.98 min Scan# 1367
 Delta R.T. 0.00 min
 Lab File: BF095079.D
 Acq: 11 May 2017 14:44

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	61.3	48.8	73.2		
227	61.5	51.1	76.7		





#35

Caprolactam

Concen: 40.96 ng/mL

RT: 10.54 min Scan# 1462

Delta R.T. 0.01 min

Lab File: BF095079.D

Acq: 11 May 2017 14:44

Instrument :

BNA_F

ClientSampleID :

PB98841BS

Tot Ion: 113 Resp: 62013

Ion Ratio Lower Upper

113 100

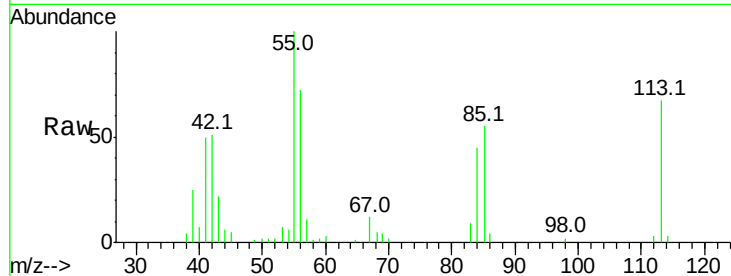
55 149.4 150.2 190.2#

56 107.1 107.8 147.8#

Manual Integrations
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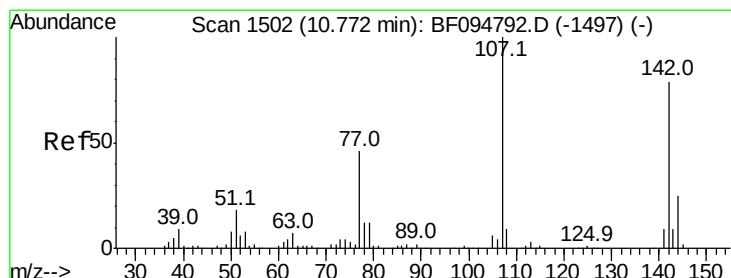
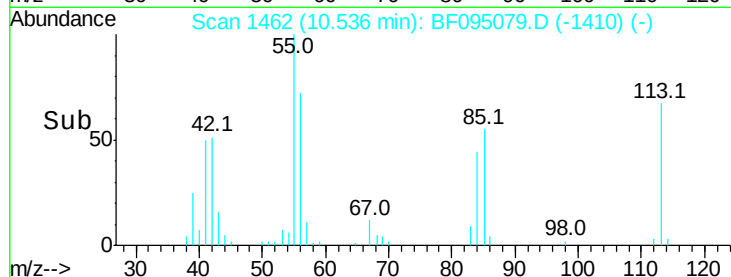
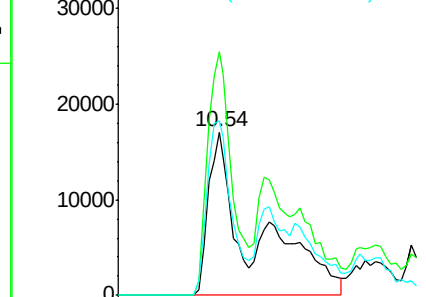
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Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 48.40 ng/mL

RT: 10.76 min Scan# 1500

Delta R.T. 0.00 min

Lab File: BF095079.D

Acq: 11 May 2017 14:44

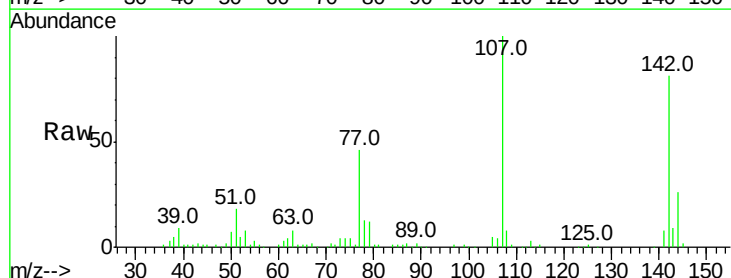
Tgt Ion: 107 Resp: 260869

Ion Ratio Lower Upper

107 100

144 25.6 24.2 36.4

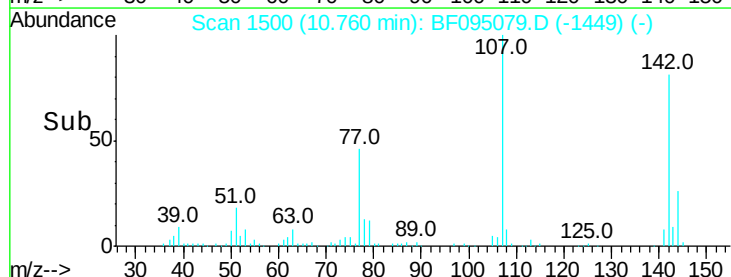
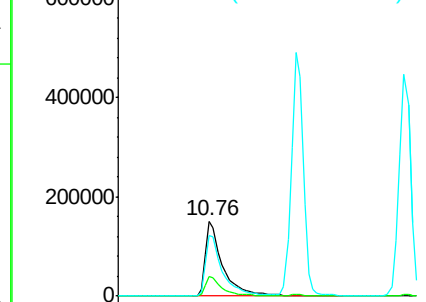
142 80.7 73.4 110.0

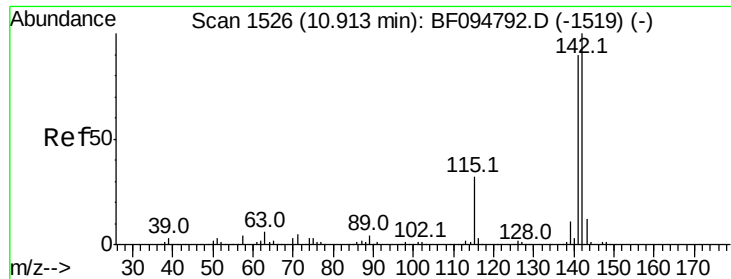


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





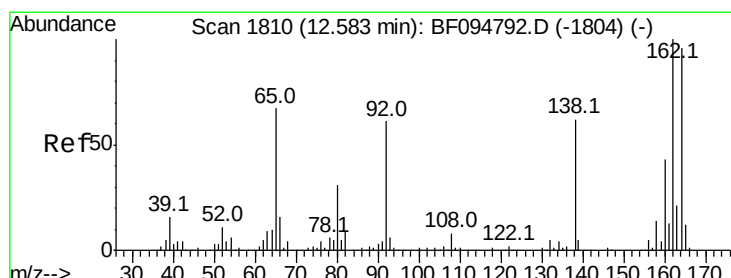
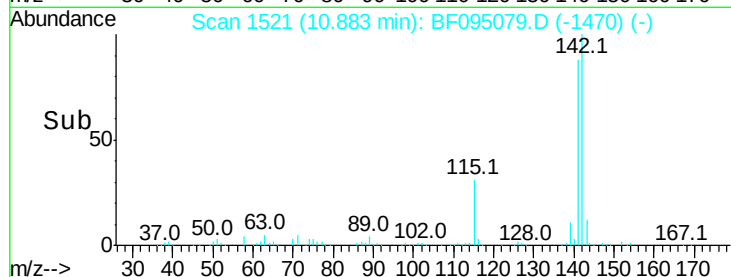
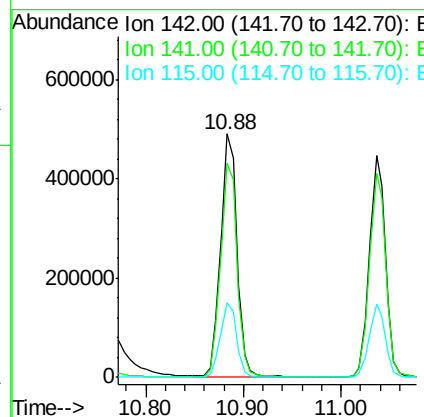
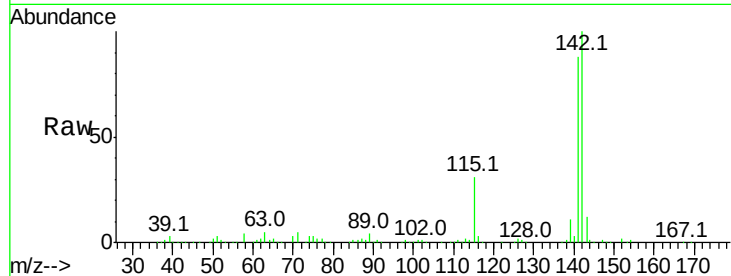
#37
2-Methylnaphthalene
Concen: 47.78 ng
RT: 10.88 min Scan# 1521
Delta R.T. 0.00 min
Lab File: BF095079.D
Acq: 11 May 2017 14:44

Instrument :
BNA_F
ClientSampleId :
PB98841BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.2	71.3	106.9
115	30.8	27.1	40.7

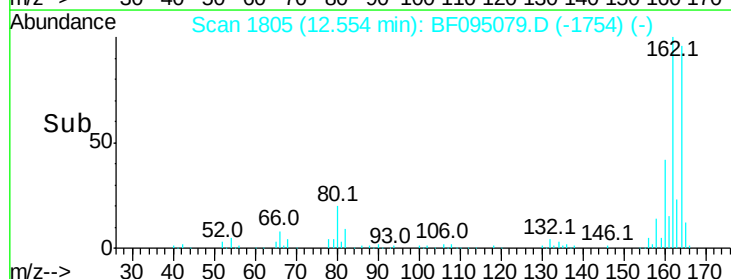
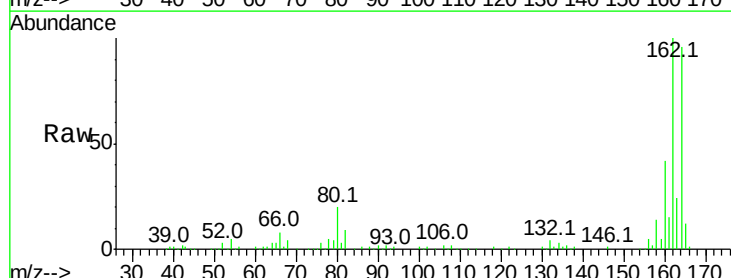
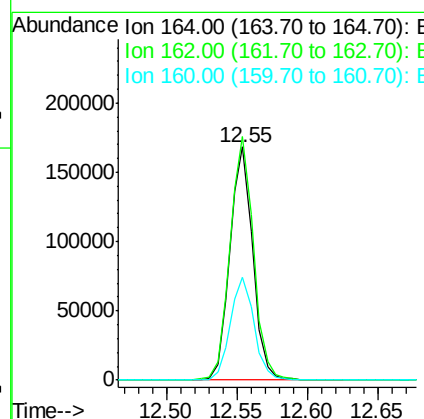
Manual Integrations
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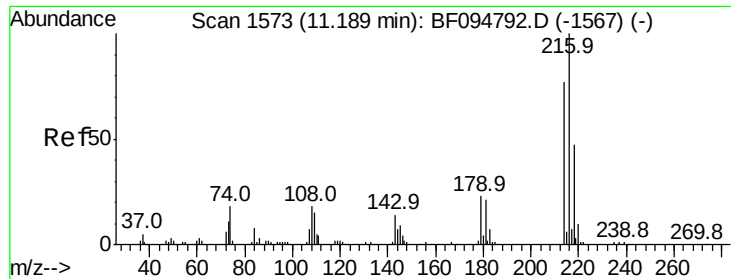
mohammad
5/12/2017 3:35:55 PM



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 12.55 min Scan# 1805
Delta R.T. 0.00 min
Lab File: BF095079.D
Acq: 11 May 2017 14:44

Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.4	82.6	123.8
160	44.2	36.2	54.2





#39

1,2,4,5-Tetrachlorobenzene

Concen: 38.33 ng

RT: 11.17 min Scan# 1569

Delta R.T. 0.00 min

Lab File: BF095079.D

Acq: 11 May 2017 14:44

Instrument :

BNA_F

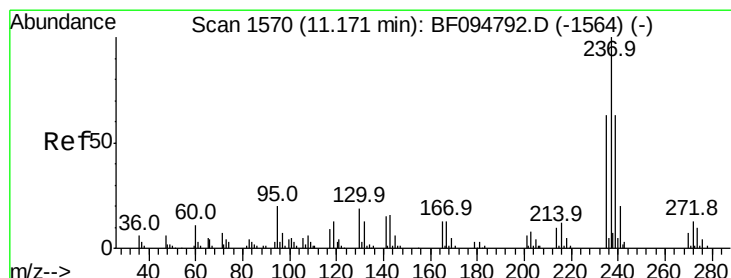
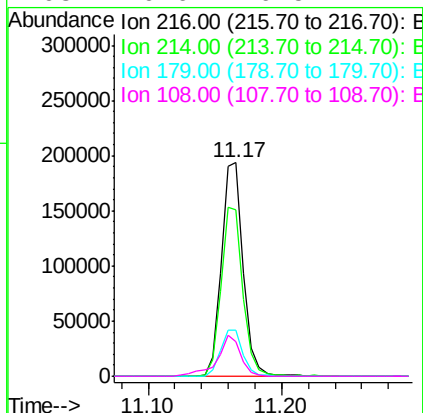
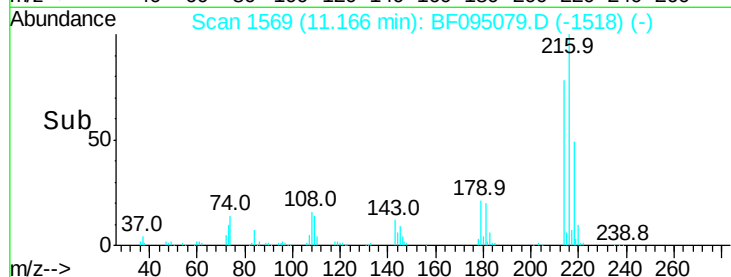
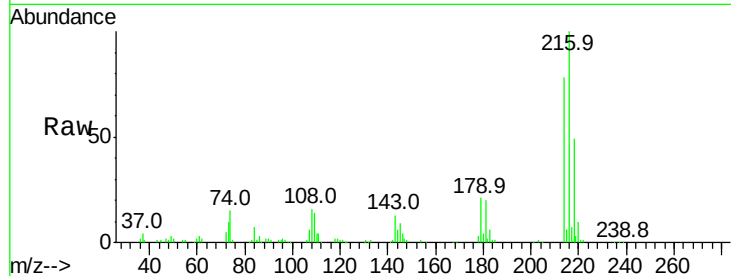
ClientSampleId :

PB98841BS

Tot Ion	Ratio	Resp	Lower	Upper
216	100	222680		
214	79.3	63.4	95.2	
179	21.9	17.9	26.9	
108	20.6	16.5	24.7	

Manual Integrations
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#40

Hexachlorocyclopentadiene

Concen: 77.48 ng

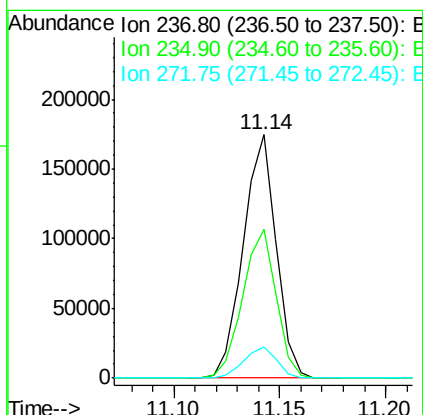
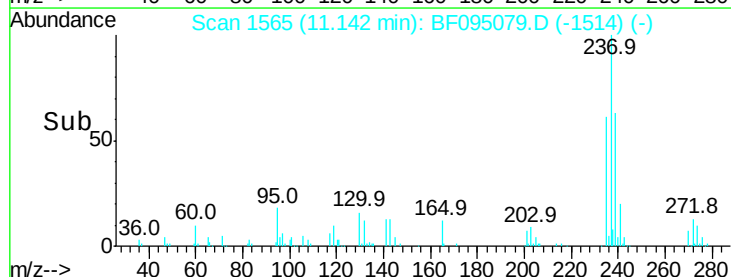
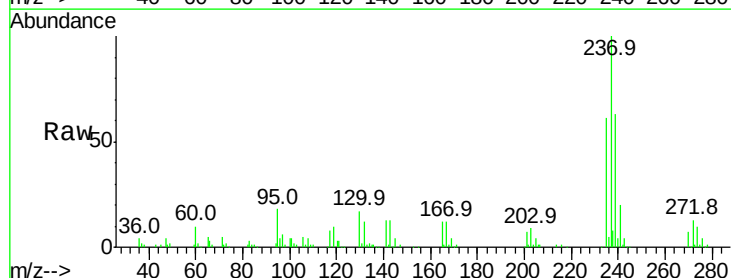
RT: 11.14 min Scan# 1565

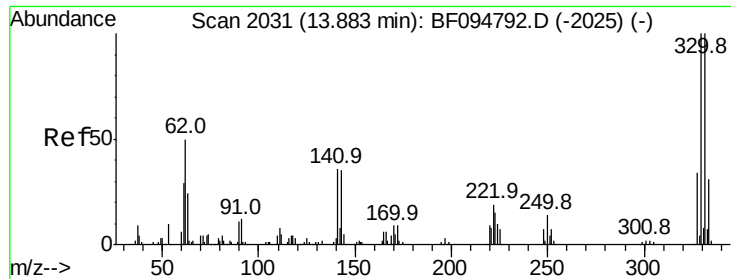
Delta R.T. 0.00 min

Lab File: BF095079.D

Acq: 11 May 2017 14:44

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	188724		
235	61.3	42.6	82.6	
272	12.8	0.0	31.9	





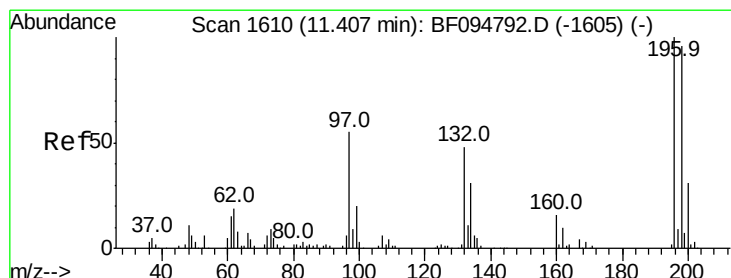
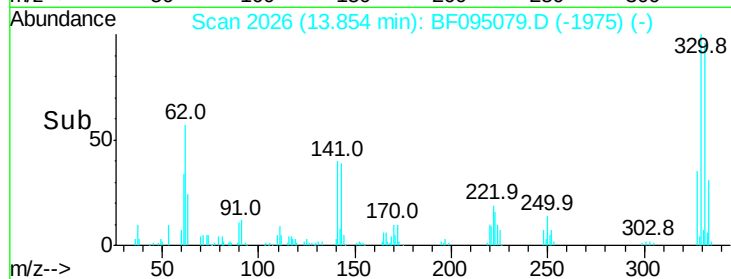
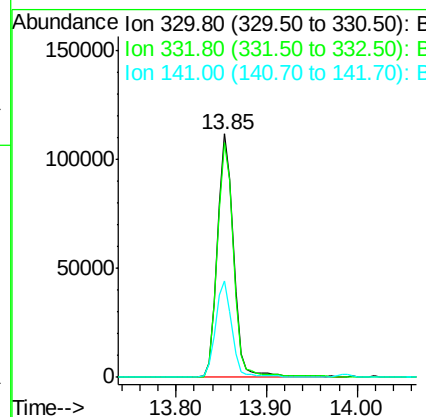
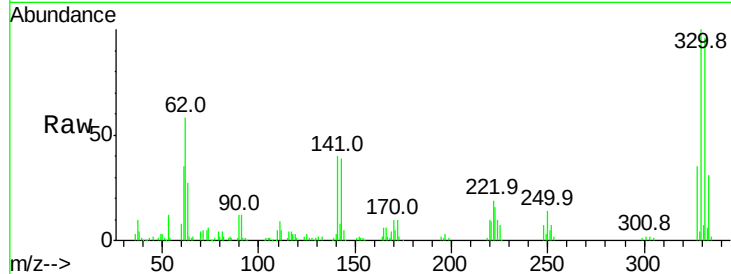
#41
 2,4,6-Tribromophenol
 Concen: 90.77 ng
 RT: 13.85 min Scan# 2026
 Delta R.T. 0.00 min
 Lab File: BF095079.D
 Acq: 11 May 2017 14:44

Instrument :
 BNA_F
 ClientSampled :
 PB98841BS

Tot Ion	Ratio	Resp	Lower	Upper
330	100	140425		
332	96.1	76.6	115.0	
141	40.0	31.4	47.2	

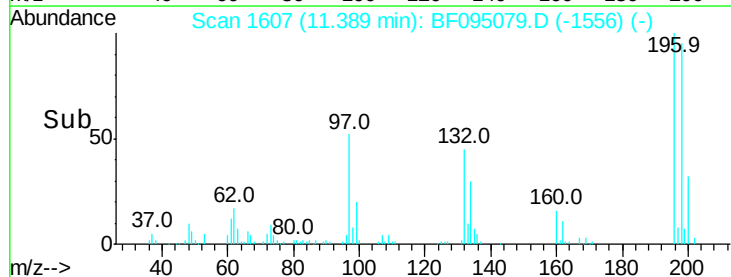
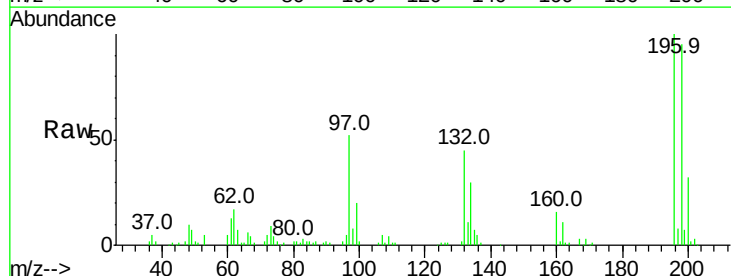
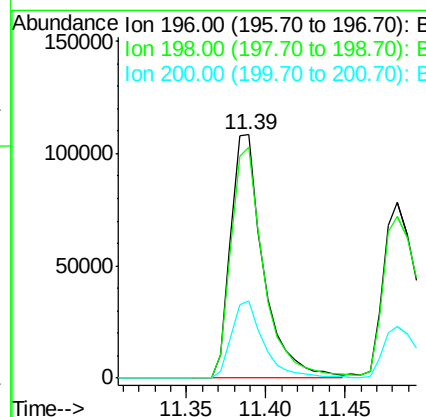
Manual Integrations
 APPROVED

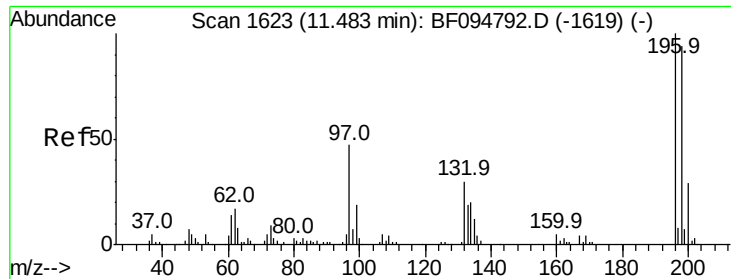
mohammad
 5/12/2017 3:35:55 PM



#42
 2,4,6-Trichlorophenol
 Concen: 40.12 ng
 RT: 11.39 min Scan# 1607
 Delta R.T. 0.00 min
 Lab File: BF095079.D
 Acq: 11 May 2017 14:44

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	155604		
198	94.9	74.2	111.4	
200	31.9	24.0	36.0	





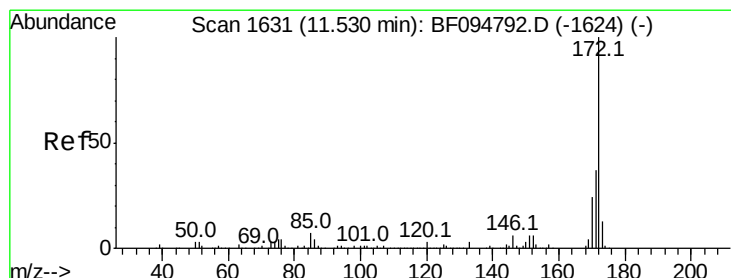
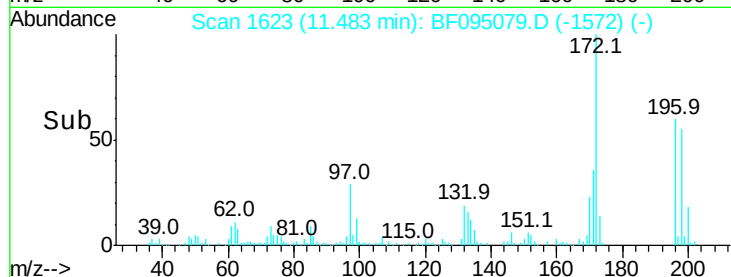
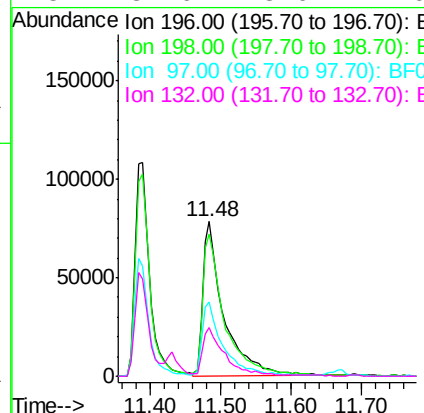
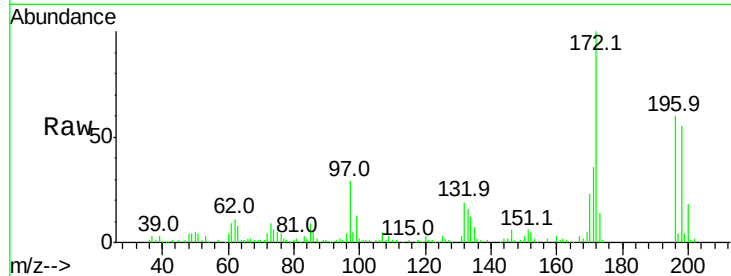
#43
 2,4,5-Trichlorophenol
 Concen: 39.27 ng
 RT: 11.48 min Scan# 1623
 Delta R.T. 0.00 min
 Lab File: BF095079.D
 Acq: 11 May 2017 14:44

Instrument :
 BNA_F
 ClientSampleId :
 PB98841BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	163724		
198	92.1	75.7	113.5	
97	48.4	47.7	71.5	
132	31.6	28.0	42.0	

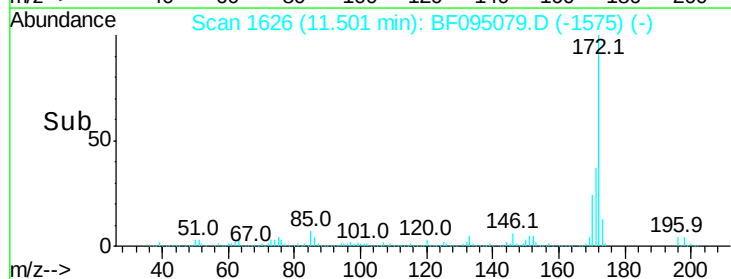
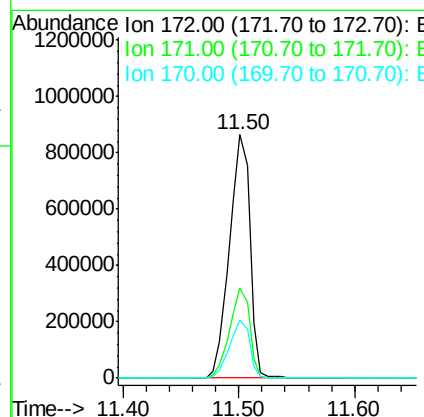
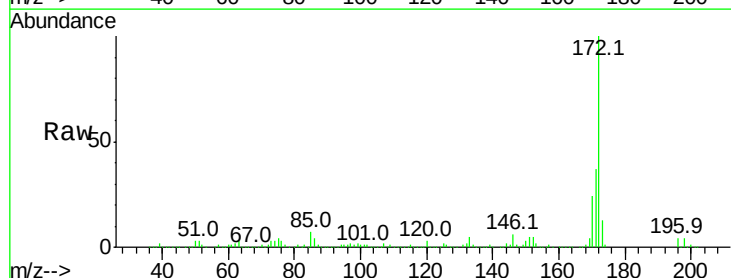
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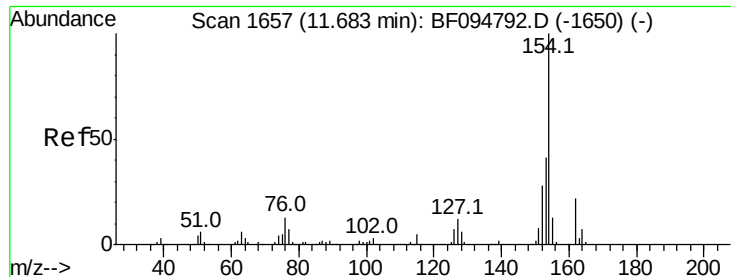
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#44
 2-Fluorobiphenyl
 Concen: 81.63 ng
 RT: 11.50 min Scan# 1626
 Delta R.T. 0.00 min
 Lab File: BF095079.D
 Acq: 11 May 2017 14:44

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1071328		
171	36.7	29.6	44.4	
170	24.0	19.8	29.8	





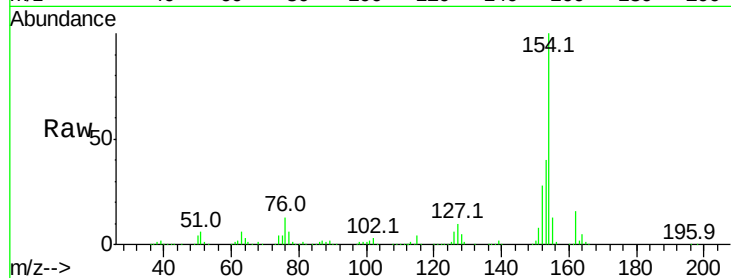
#45
 1,1'-Biphenyl
 Concen: 39.93 ng
 RT: 11.65 min Scan# 1652
 Delta R.T. 0.00 min
 Lab File: BF095079.D
 Acq: 11 May 2017 14:44

Instrument :
 BNA_F
 ClientSampleId :
 PB98841BS

Tot Ion	Ratio	Resp	Lower	Upper
154	100			
153	40.2	21.2	61.2	
76	12.6	0.0	29.9	

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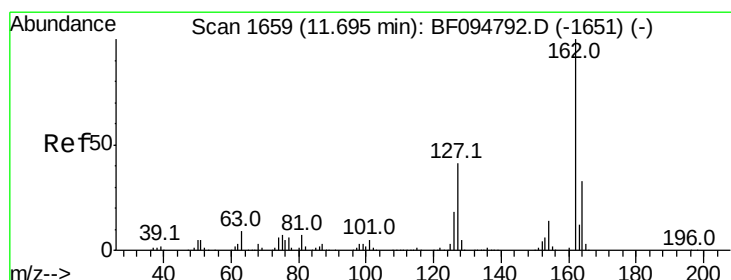
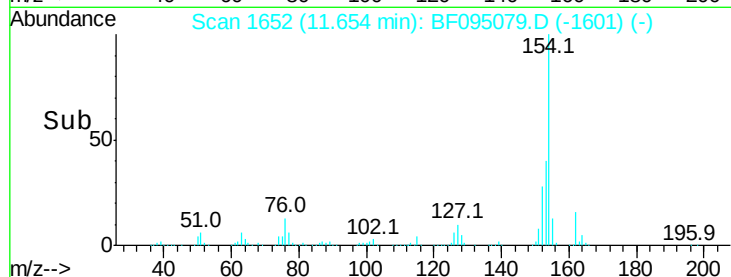
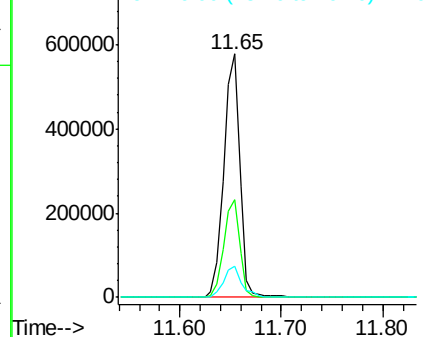


Abundance

Ion 154.00 (153.70 to 154.70): E

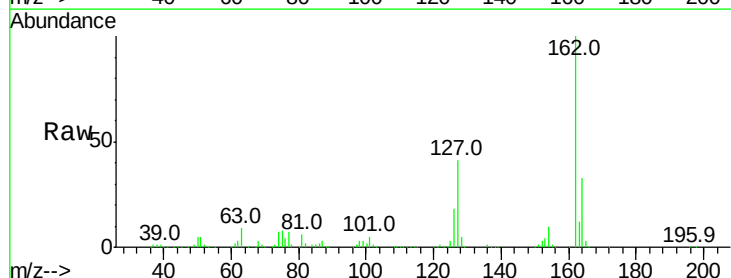
Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0



#46
 2-Chloronaphthalene
 Concen: 39.04 ng
 RT: 11.67 min Scan# 1654
 Delta R.T. -0.01 min
 Lab File: BF095079.D
 Acq: 11 May 2017 14:44

Tgt Ion	Ratio	Resp	Lower	Upper
162	100			
127	40.8	28.3	42.5	
164	33.2	27.0	40.4	

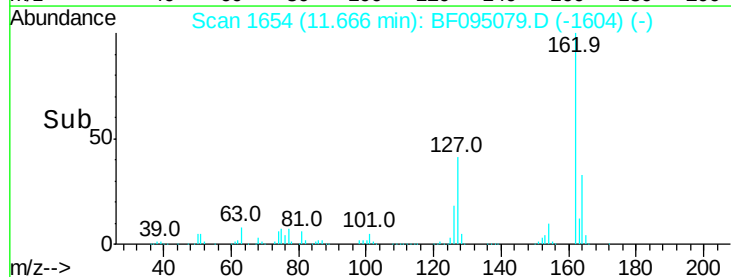
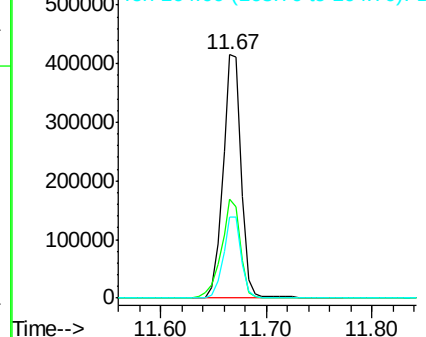


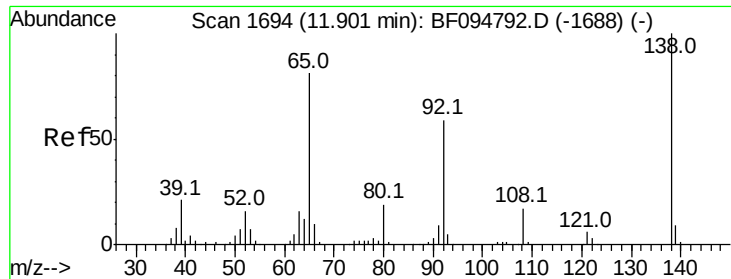
Abundance

Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





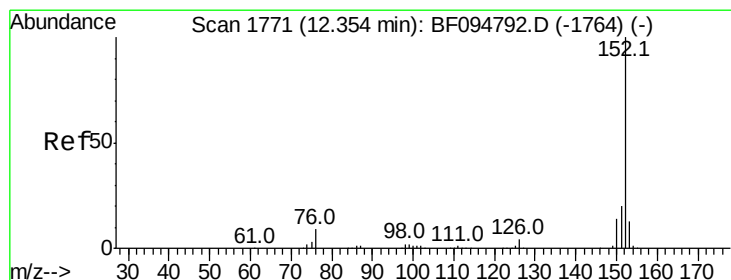
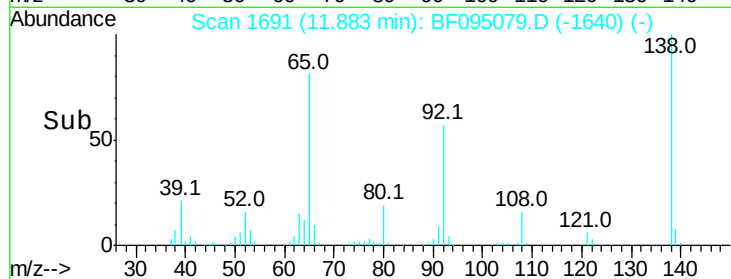
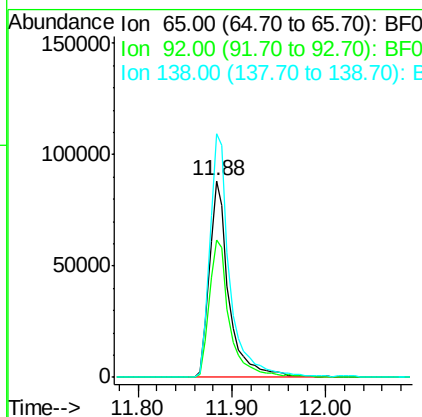
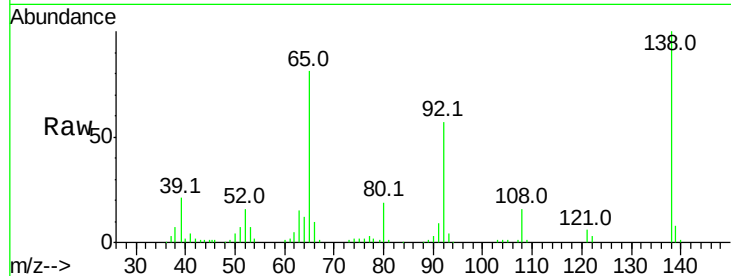
#47
 2-Nitroaniline
 Concen: 36.94 ng
 RT: 11.88 min Scan# 1691
 Delta R.T. 0.00 min
 Lab File: BF095079.D
 Acq: 11 May 2017 14:44

Instrument :
 BNA_F
 ClientSampled :
 PB98841BS

Tot Ion	Ratio	Lower	Upper
65	100		
92	70.2	53.9	80.9
138	124.0	78.8	118.2

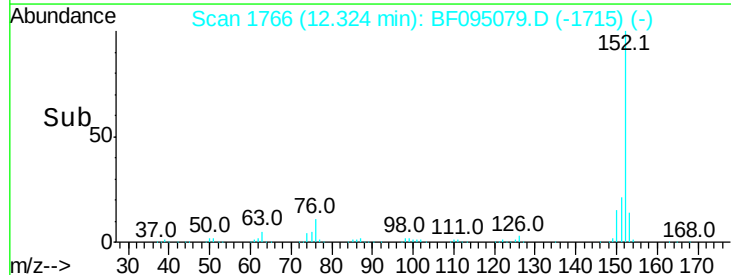
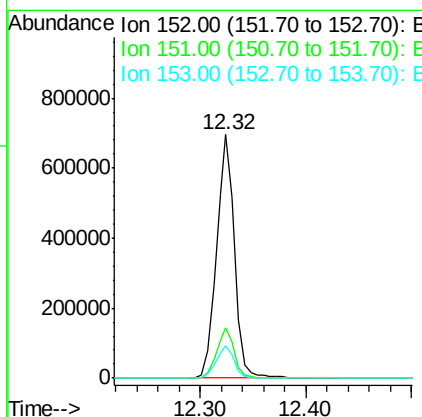
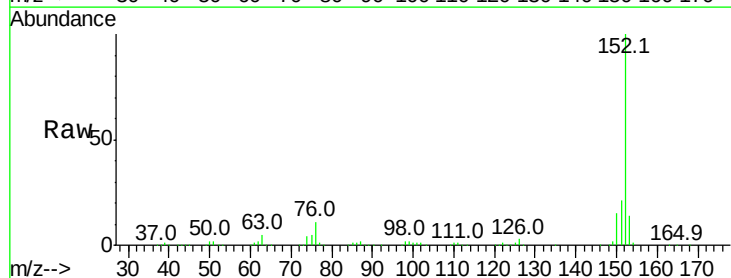
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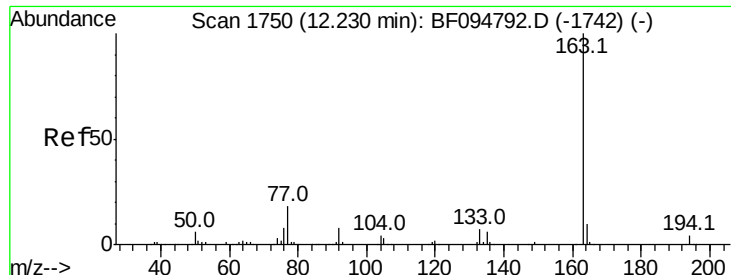
mohammad
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#48
 Acenaphthylene
 Concen: 41.12 ng
 RT: 12.32 min Scan# 1766
 Delta R.T. 0.00 min
 Lab File: BF095079.D
 Acq: 11 May 2017 14:44

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.6	16.8	25.2
153	13.5	10.8	16.2





#49

Dimethylphthalate

Concen: 39.43 ng

RT: 12.20 min Scan# 1745

Delta R.T. 0.00 min

Lab File: BF095079.D

Acq: 11 May 2017 14:44

Instrument :

BNA_F

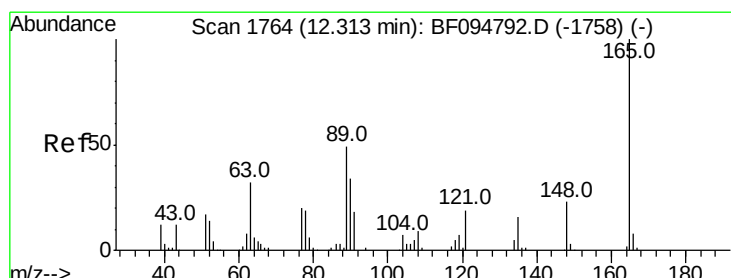
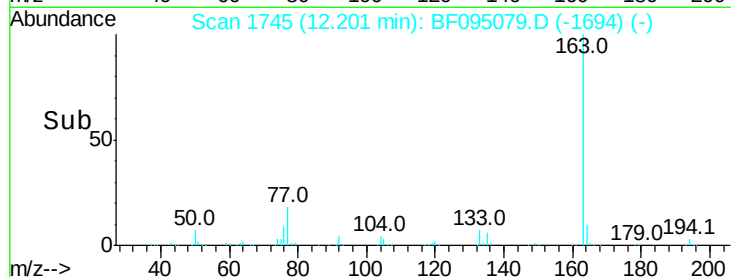
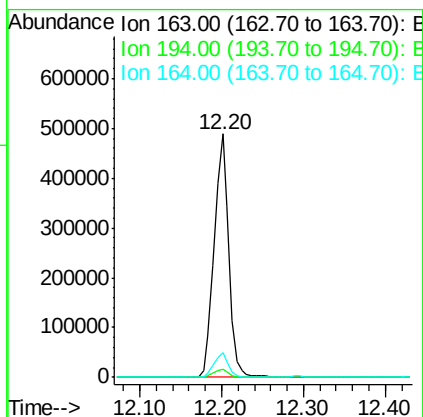
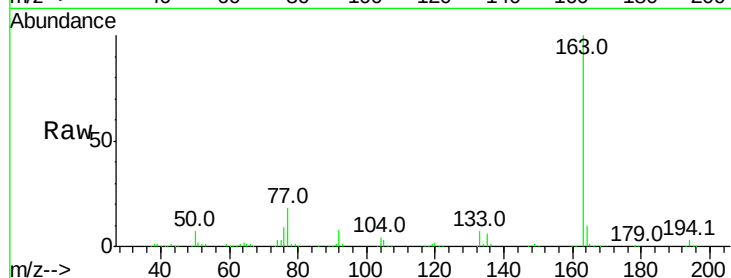
ClientSampleId :

PB98841BS

Tot Ion:	163	Resp:	611429
Ion Ratio	Lower	Upper	
163	100		
194	3.4	2.6	4.0
164	10.0	8.4	12.6

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#50

2,6-Dinitrotoluene

Concen: 43.04 ng

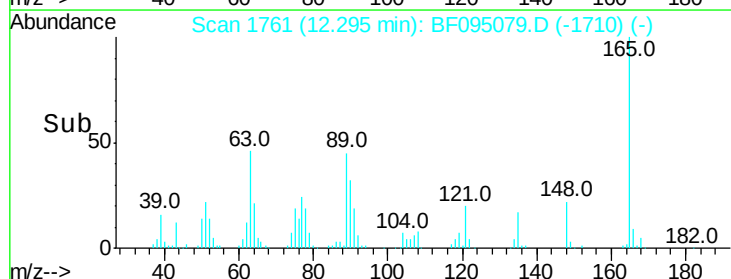
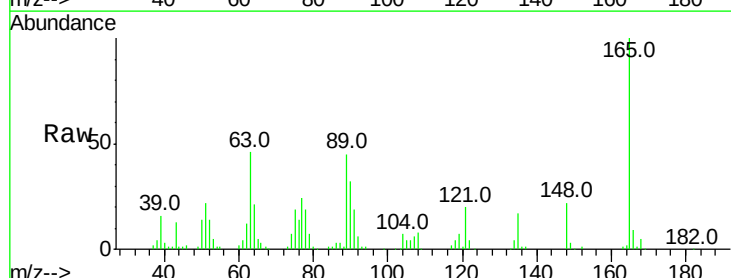
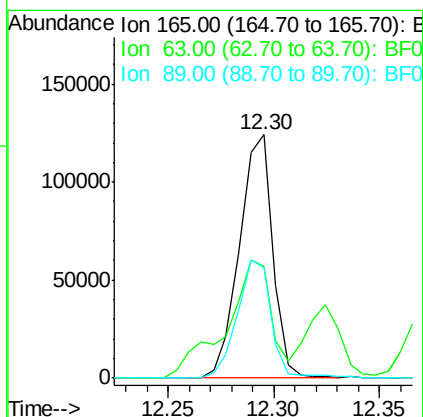
RT: 12.30 min Scan# 1761

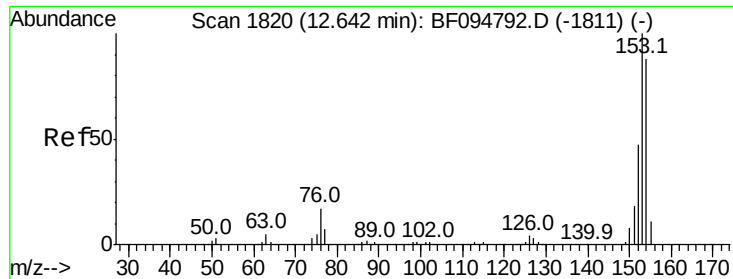
Delta R.T. 0.00 min

Lab File: BF095079.D

Acq: 11 May 2017 14:44

Tgt Ion:	165	Resp:	136167
Ion Ratio	Lower	Upper	
165	100		
63	46.0	34.3	51.5
89	45.5	37.1	55.7





#51

Acenaphthene

Concen: 41.76 ng

RT: 12.61 min Scan# 1814

Delta R.T. 0.00 min

Lab File: BF095079.D

Acq: 11 May 2017 14:44

Instrument :

BNA_F

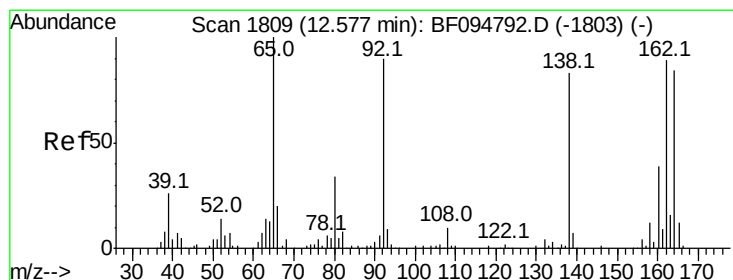
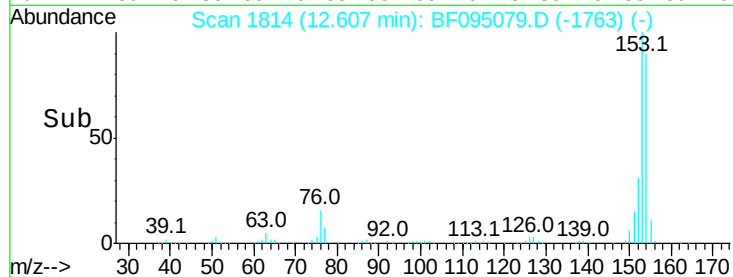
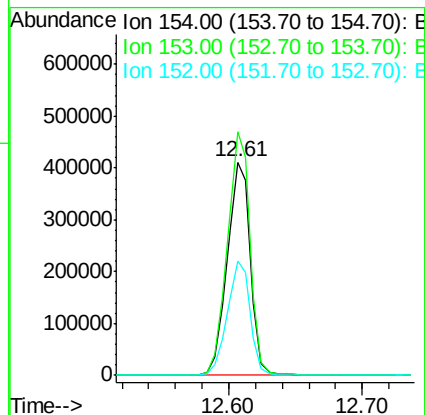
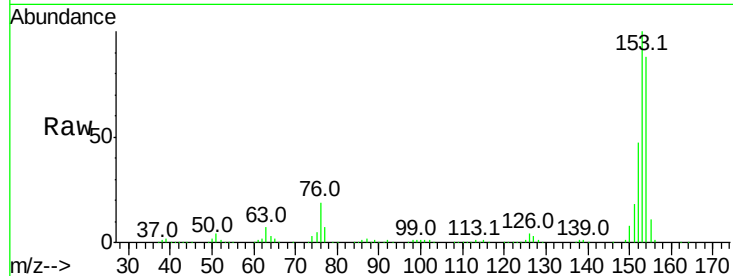
ClientSampleId :

PB98841BS

Tot Ion	Ratio	Lower	Upper
154	100		
153	114.2	90.5	135.7
152	53.5	43.6	65.4

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#52

3-Nitroaniline

Concen: 27.49 ng

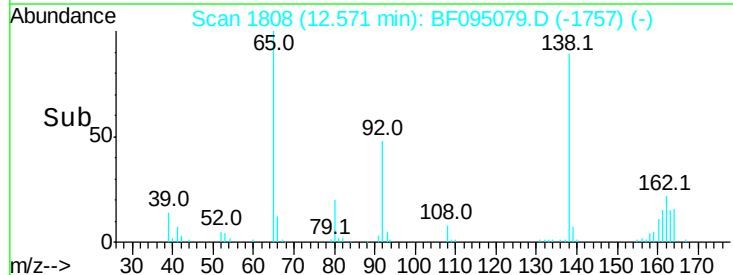
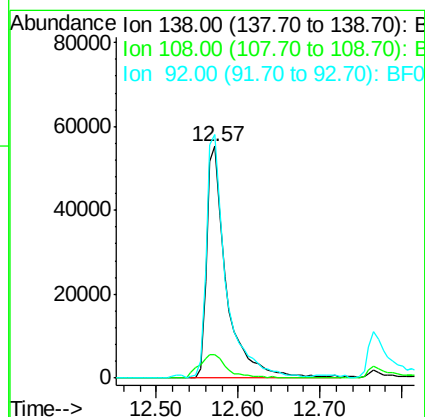
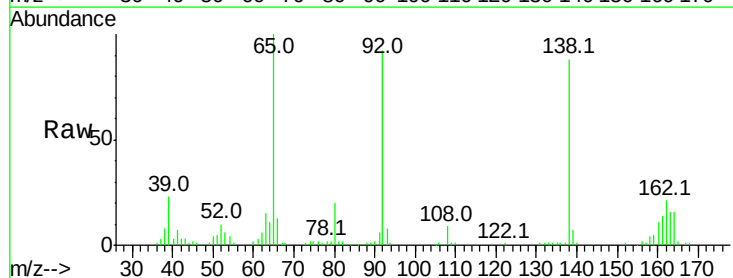
RT: 12.57 min Scan# 1808

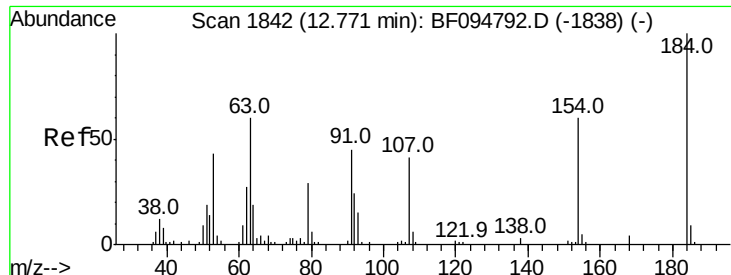
Delta R.T. 0.00 min

Lab File: BF095079.D

Acq: 11 May 2017 14:44

Tgt Ion	Ratio	Lower	Upper
138	100		
108	10.2	9.1	13.7
92	104.9	93.8	140.6





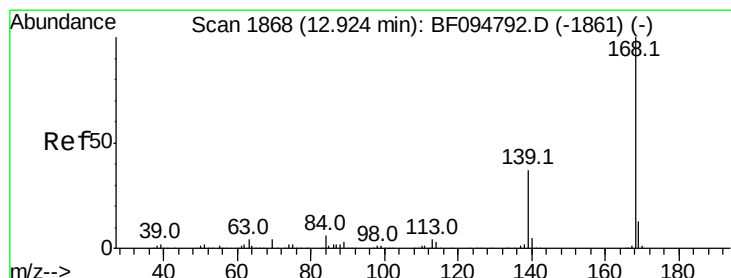
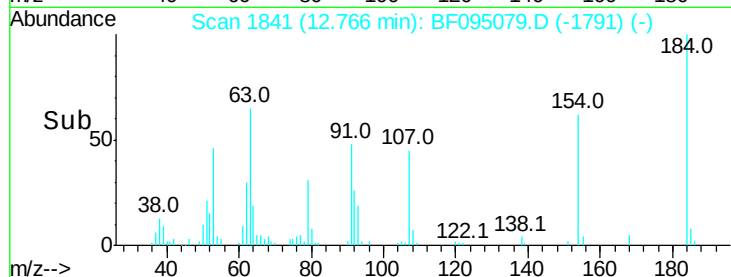
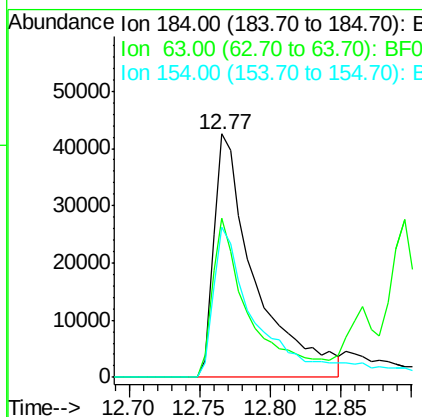
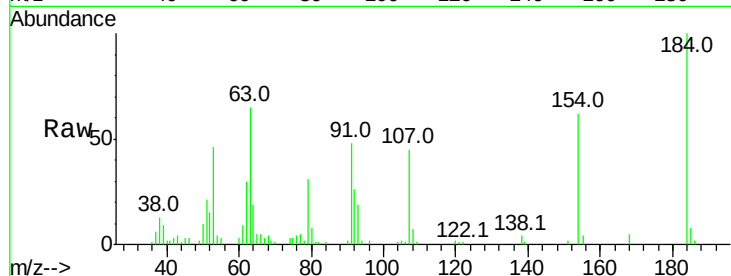
#53
 2,4-Dinitrophenol
 Concen: 51.82 ng
 RT: 12.77 min Scan# 1841
 Delta R.T. -0.01 min
 Lab File: BF095079.D
 Acq: 11 May 2017 14:44

Instrument :
 BNA_F
 ClientSampled :
 PB98841BS

Tot Ion:184 Resp: 86137
 Ion Ratio Lower Upper
 184 100
 63 65.3 62.7 94.1
 154 61.8 81.1 121.7#

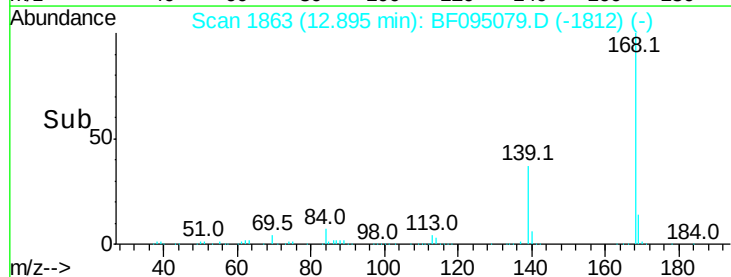
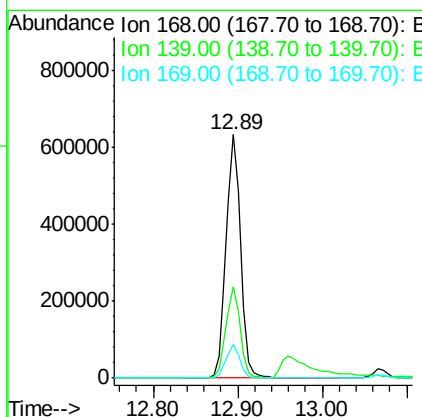
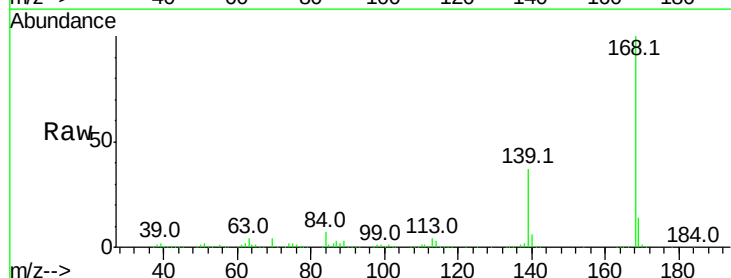
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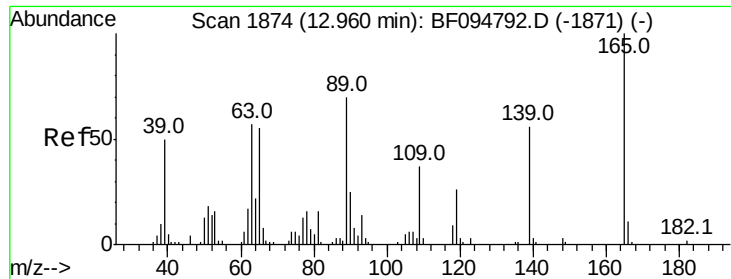
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#54
 Dibenzofuran
 Concen: 45.25 ng
 RT: 12.89 min Scan# 1863
 Delta R.T. 0.00 min
 Lab File: BF095079.D
 Acq: 11 May 2017 14:44

Tgt Ion:168 Resp: 752403
 Ion Ratio Lower Upper
 168 100
 139 37.3 30.6 45.8
 169 13.6 10.8 16.2





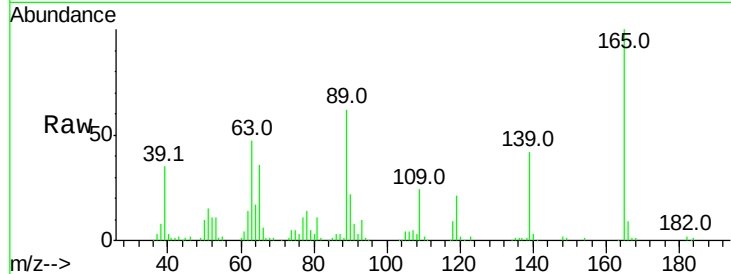
#55
4-Nitrophenol
Concen: 76.88 ng
RT: 12.96 min Scan# 1874
Delta R.T. -0.02 min
Lab File: BF095079.D
Acq: 11 May 2017 14:44

Instrument :
BNA_F
ClientSampleId :
PB98841BS

Tot Ion	Ratio	Resp	Lower	Upper
139	100	156798		
109	57.7	34.1	74.1	
65	85.7	31.4	71.4	

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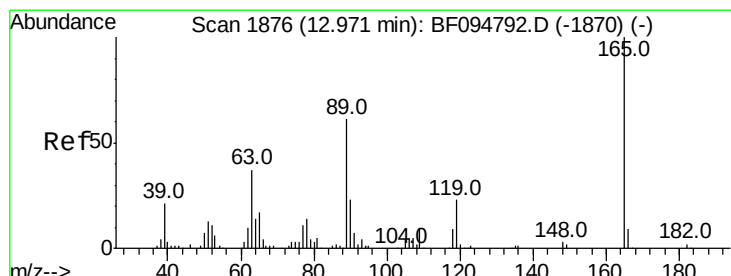
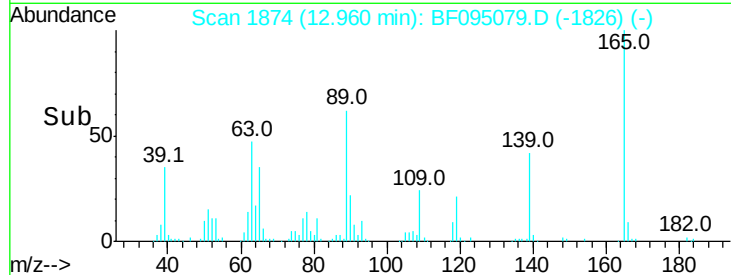
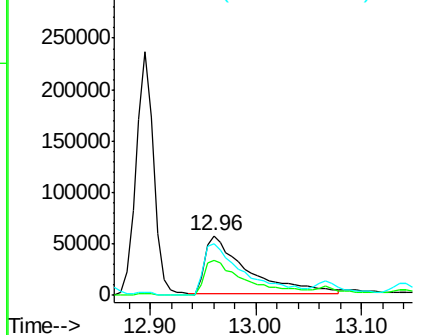


Abundance

Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0



#56
2,4-Dinitrotoluene
Concen: 45.72 ng
RT: 12.96 min Scan# 1874
Delta R.T. 0.00 min
Lab File: BF095079.D
Acq: 11 May 2017 14:44

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	185888		
63	47.2	25.4	38.0	
89	62.1	46.4	69.6	
182	2.2	1.8	2.6	

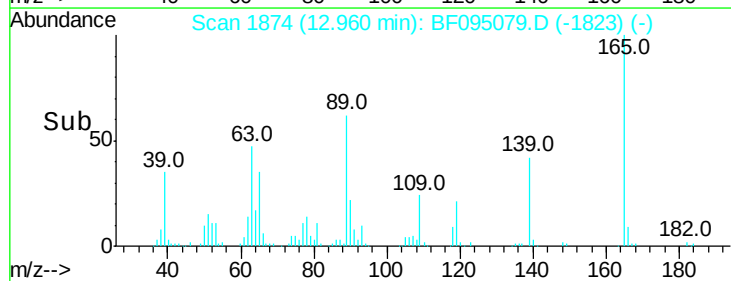
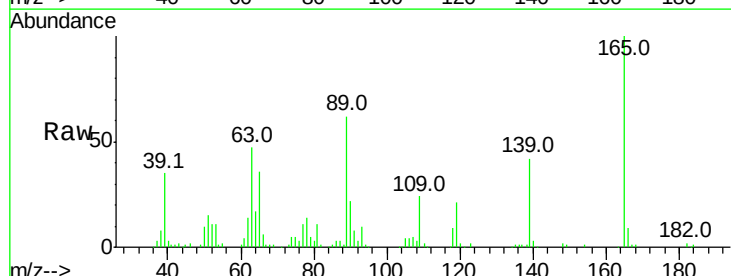
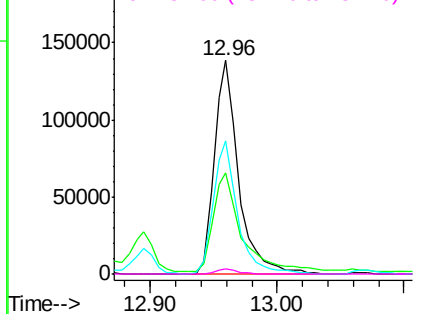
Abundance

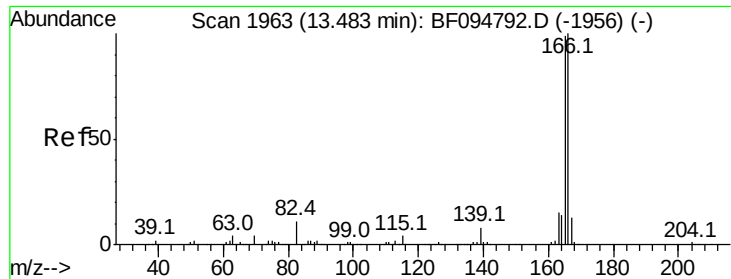
Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E





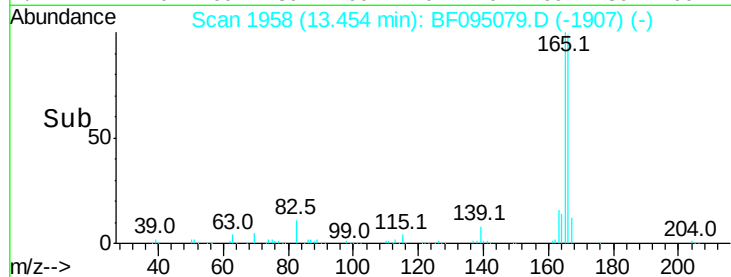
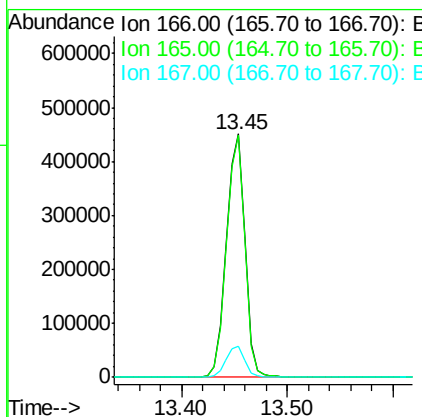
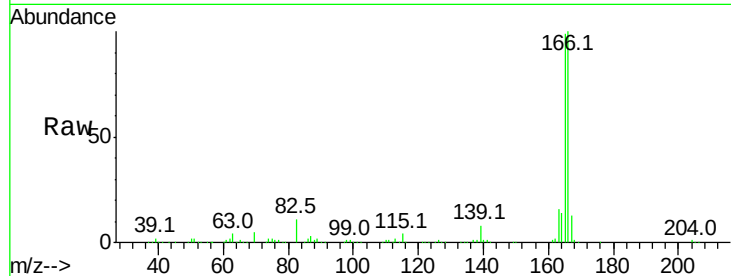
#57
 Fluorene
 Concen: 37.94 ng
 RT: 13.45 min Scan# 1958
 Delta R.T. 0.00 min
 Lab File: BF095079.D
 Acq: 11 May 2017 14:44

Instrument :
 BNA_F
 ClientSampleId :
 PB98841BS

Tot Ion:	166	Resp:	548472
Ion Ratio	Lower	Upper	
166	100		
165	99.3	78.8	118.2
167	12.8	10.6	16.0

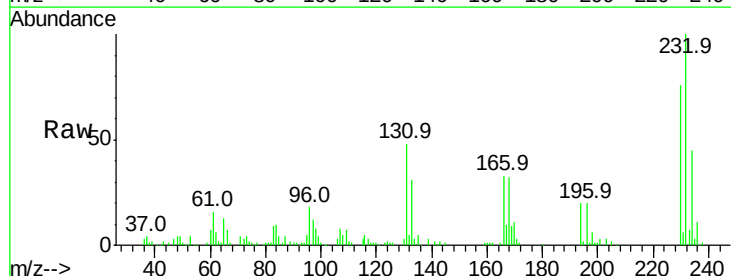
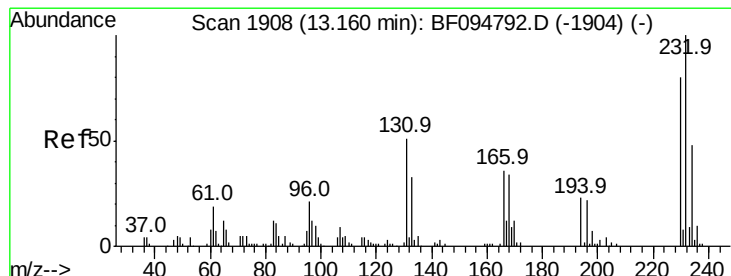
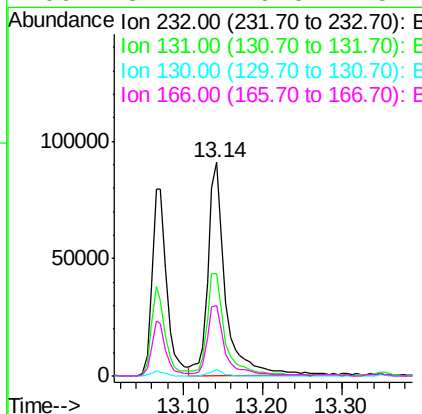
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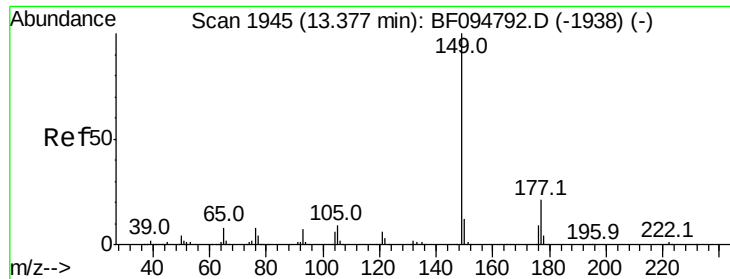
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#58
 2,3,4,6-Tetrachlorophenol
 Concen: 52.42 ng
 RT: 13.14 min Scan# 1905
 Delta R.T. 0.00 min
 Lab File: BF095079.D
 Acq: 11 May 2017 14:44

Tgt Ion:	232	Resp:	137550
Ion Ratio	Lower	Upper	
232	100		
131	48.7	44.8	67.2
130	2.2	2.3	3.5#
166	32.7	29.0	43.4





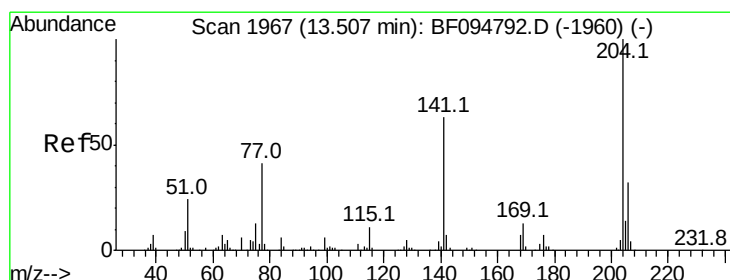
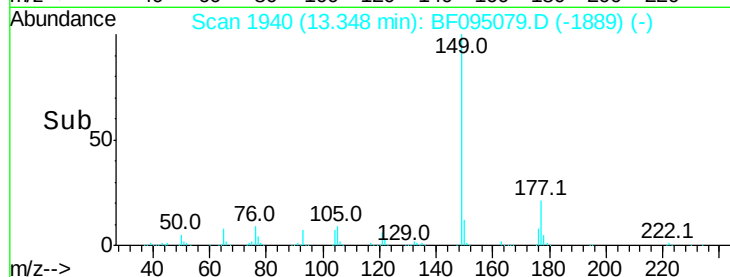
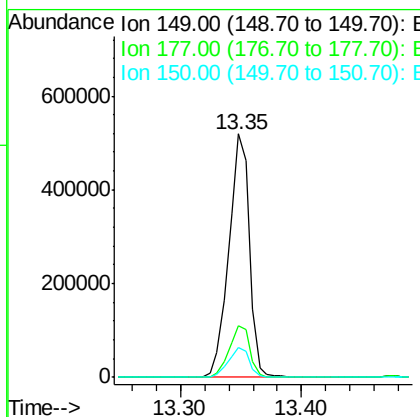
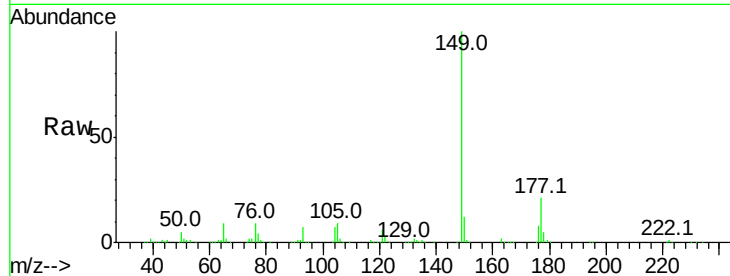
#59
Diethylphthalate
Concen: 41.46 ng
RT: 13.35 min Scan# 1940
Delta R.T. 0.00 min
Lab File: BF095079.D
Acq: 11 May 2017 14:44

Instrument :
BNA_F
ClientSampleId :
PB98841BS

Tot Ion	Ratio	Lower	Upper
149	100		
177	21.1	16.7	25.1
150	12.3	10.2	15.2

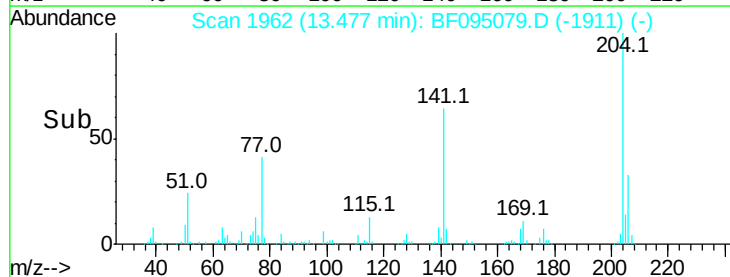
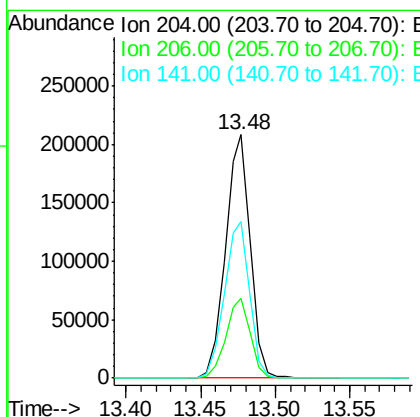
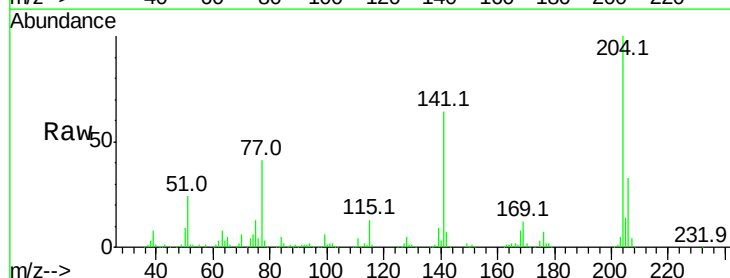
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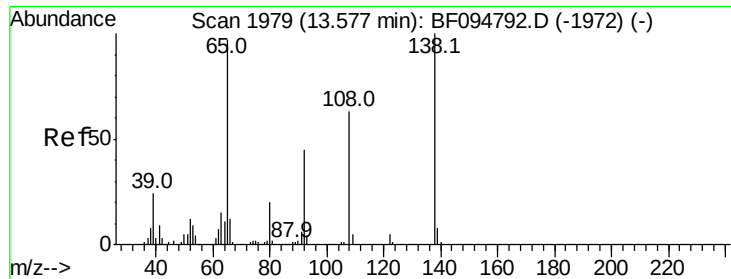
mohammad
5/12/2017 3:35:55 PM



#60
4-Chlorophenyl-phenylether
Concen: 38.23 ng
RT: 13.48 min Scan# 1962
Delta R.T. 0.00 min
Lab File: BF095079.D
Acq: 11 May 2017 14:44

Tgt Ion	Ratio	Lower	Upper
204	100		
206	32.9	26.2	39.2
141	64.3	60.8	91.2





#61

4-Nitroaniline

Concen: 40.28 ng

RT: 13.57 min Scan# 1978

Delta R.T. 0.01 min

Lab File: BF095079.D

Acq: 11 May 2017 14:44

Instrument :

BNA_F

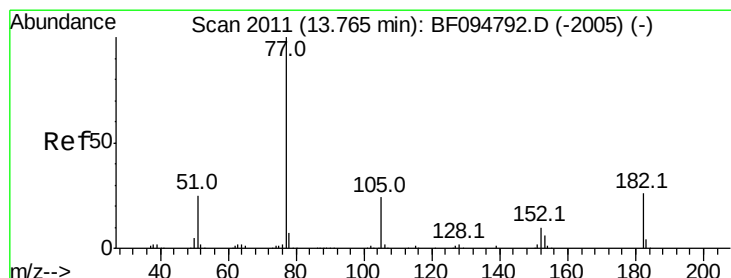
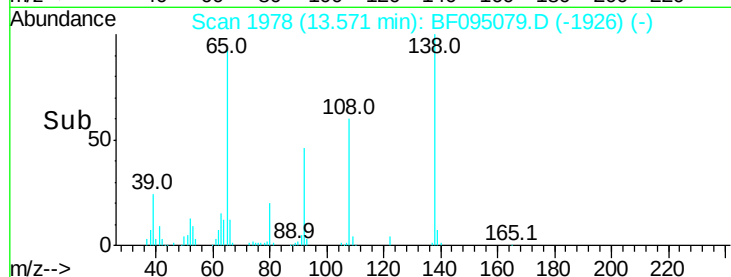
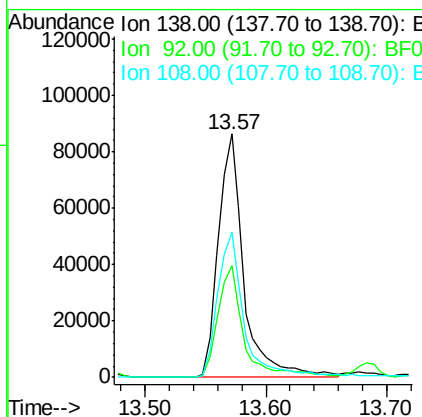
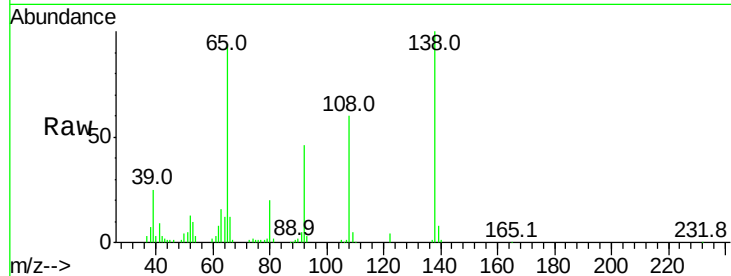
ClientSampleId :

PB98841BS

Tot Ion:	138	Resp:	125569
Ion Ratio	Lower	Upper	
138	100		
92	46.1	21.8	61.8
108	59.7	42.3	82.3

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#62

Azobenzene

Concen: 46.19 ng

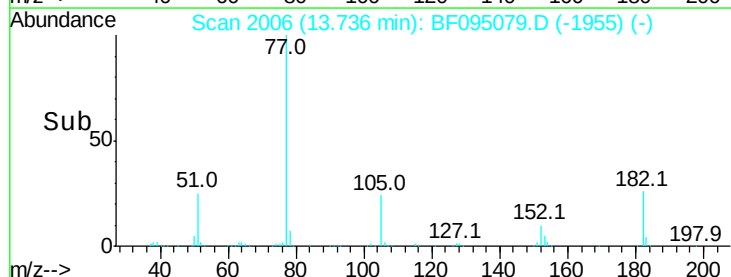
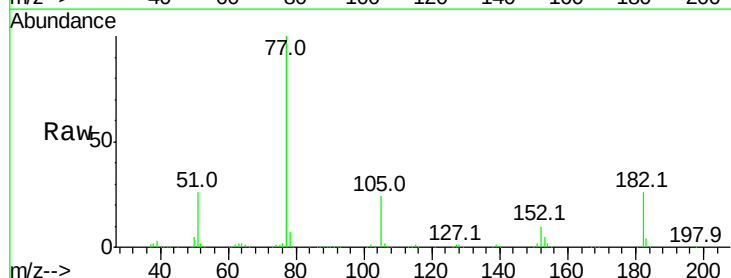
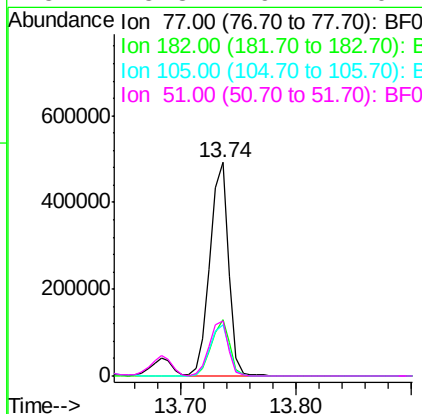
RT: 13.74 min Scan# 2006

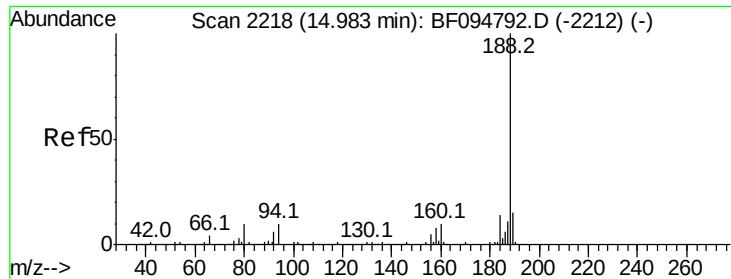
Delta R.T. 0.00 min

Lab File: BF095079.D

Acq: 11 May 2017 14:44

Tgt Ion:	77	Resp:	551677
Ion Ratio	Lower	Upper	
77	100		
182	26.3	0.1	40.1
105	24.3	3.6	43.6
51	25.8	9.4	49.4





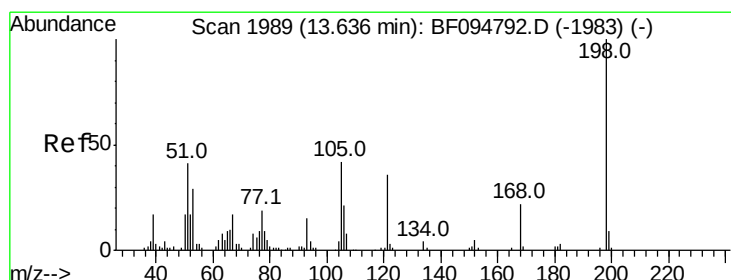
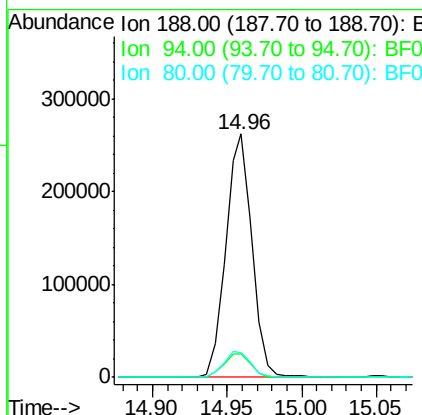
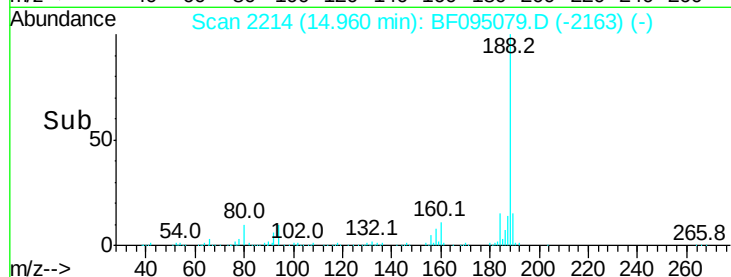
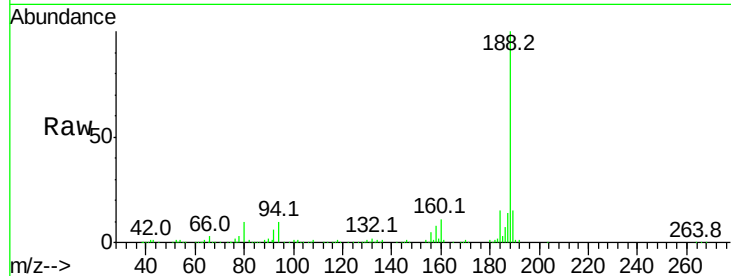
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 14.96 min Scan# 2214
Delta R.T. 0.00 min
Lab File: BF095079.D
Acq: 11 May 2017 14:44

Instrument :
BNA_F
ClientSampleId :
PB98841BS

Tot Ion	Ratio	Resp	Lower	Upper
188	100			
94	9.8	9.4	14.2	
80	10.3	10.2	15.2	

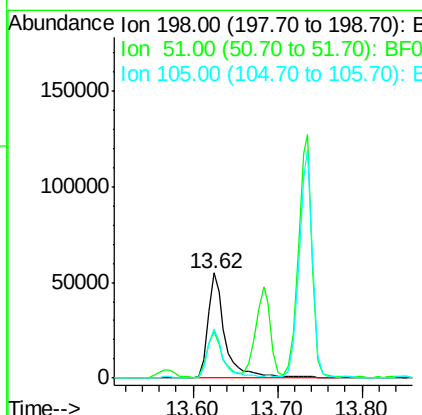
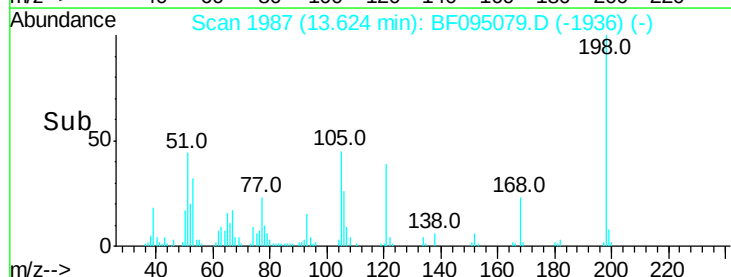
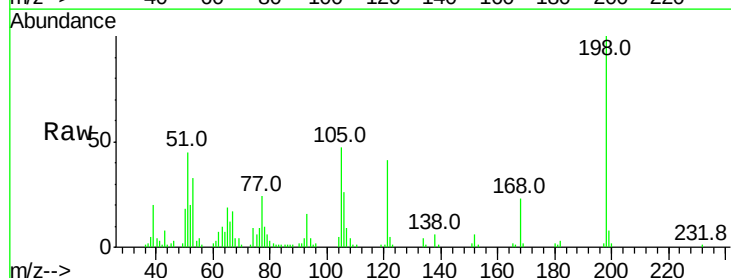
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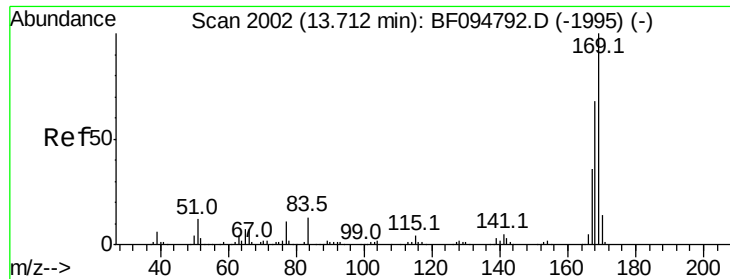
mohammad
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#64
4,6-Dinitro-2-methylphenol
Concen: 36.29 ng
RT: 13.62 min Scan# 1987
Delta R.T. 0.00 min
Lab File: BF095079.D
Acq: 11 May 2017 14:44

Tgt Ion	Ratio	Resp	Lower	Upper
198	100			
51	44.9	53.2	93.2#	
105	47.1	45.8	85.8	





#65

n-Nitrosodiphenylamine

Concen: 42.19 ng

RT: 13.68 min Scan# 1997

Delta R.T. -0.01 min

Lab File: BF095079.D

Acq: 11 May 2017 14:44

Instrument :

BNA_F

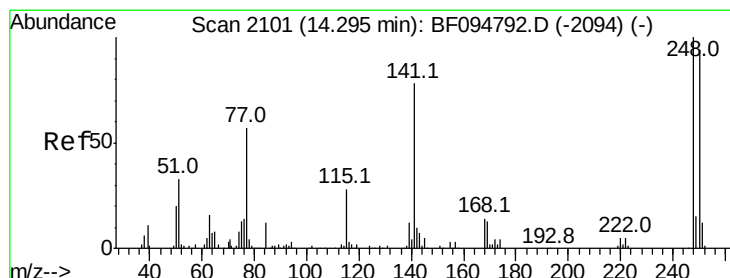
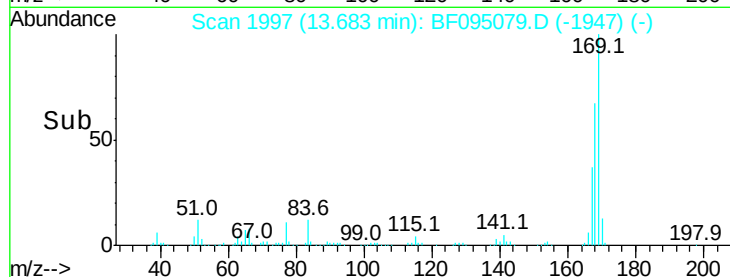
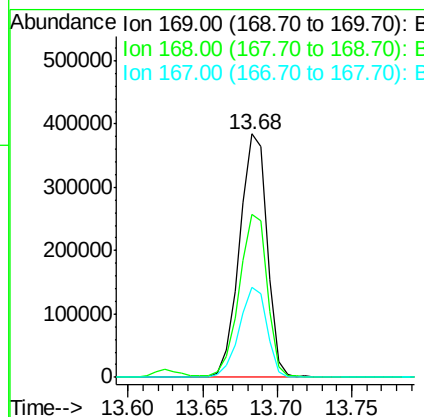
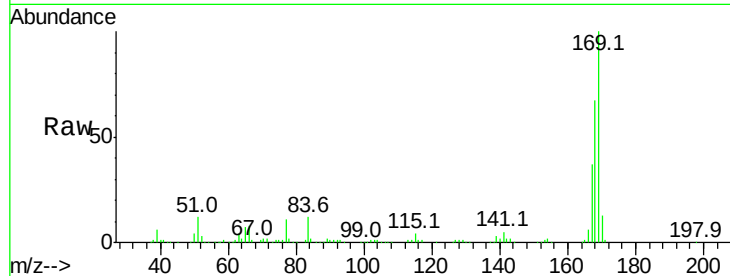
ClientSampleId :

PB98841BS

Tot Ion	Ratio	Resp	Lower	Upper
169	100	495075		
168	67.0		53.2	79.8
167	37.1		29.5	44.3

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#66

4-Bromophenyl-phenylether

Concen: 45.20 ng

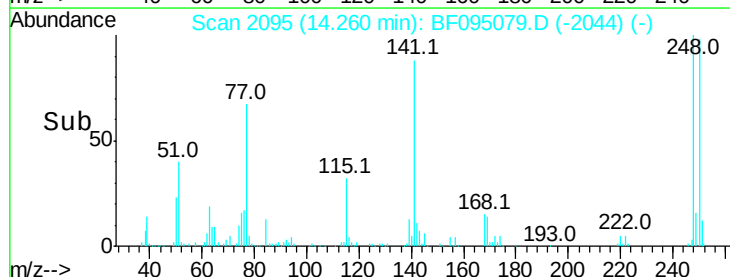
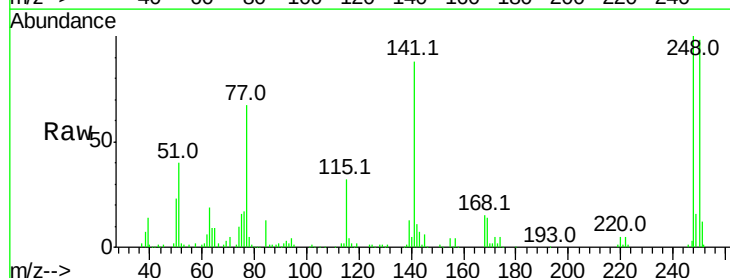
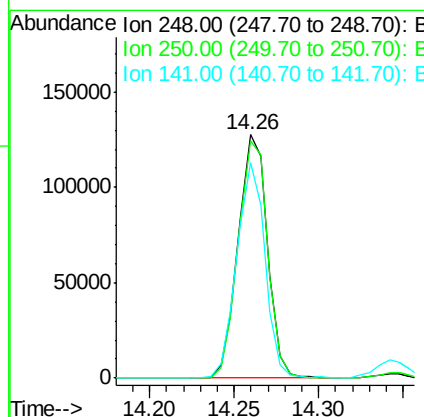
RT: 14.26 min Scan# 2095

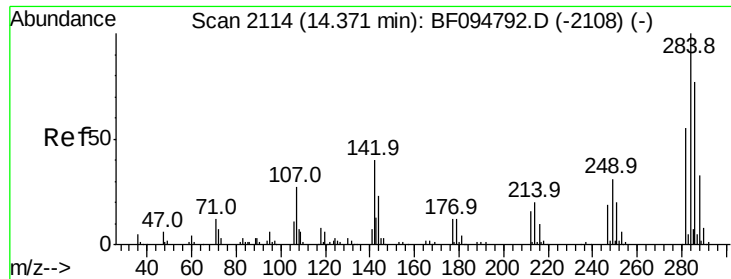
Delta R.T. 0.00 min

Lab File: BF095079.D

Acq: 11 May 2017 14:44

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	154409		
250	97.7		76.8	115.2
141	88.4		68.6	103.0





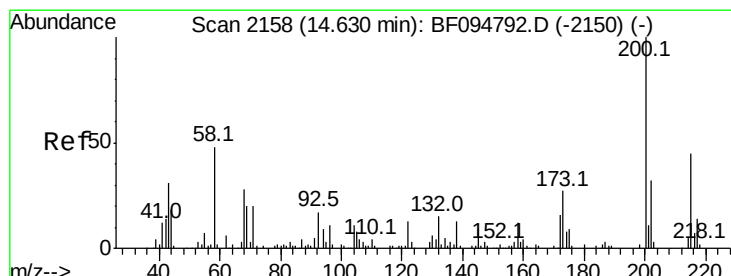
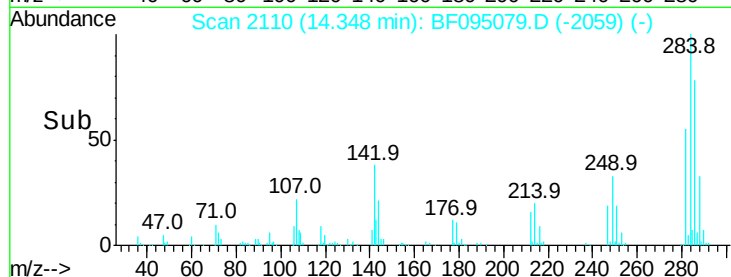
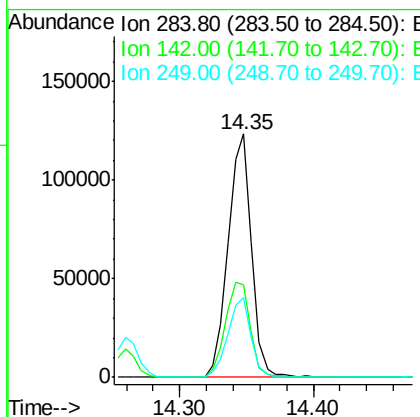
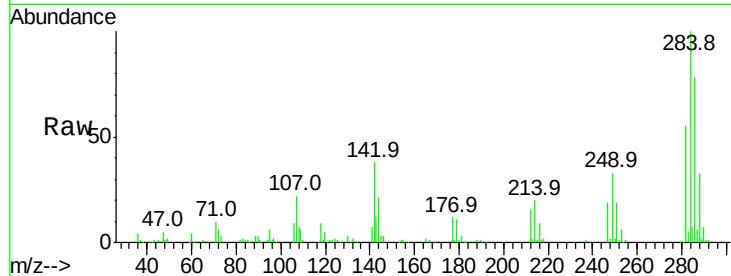
#67
Hexachlorobenzene
Concen: 43.49 ng
RT: 14.35 min Scan# 2110
Delta R.T. 0.00 min
Lab File: BF095079.D
Acq: 11 May 2017 14:44

Instrument :
BNA_F
ClientSampleId :
PB98841BS

Tot Ion	Ratio	Resp	Lower	Upper
284	100	152254		
142	38.2	22.8	34.2	
249	32.6	24.0	36.0	

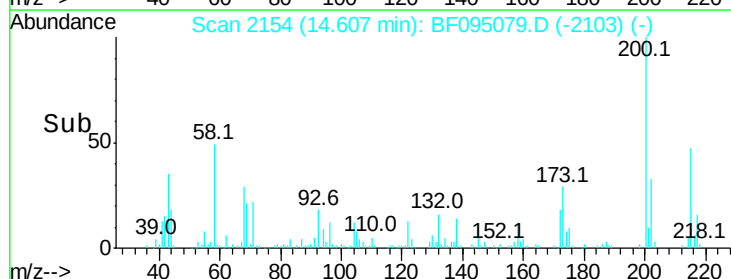
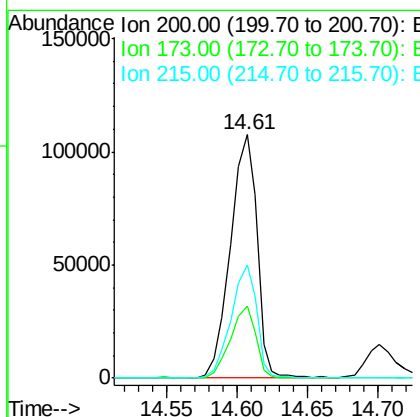
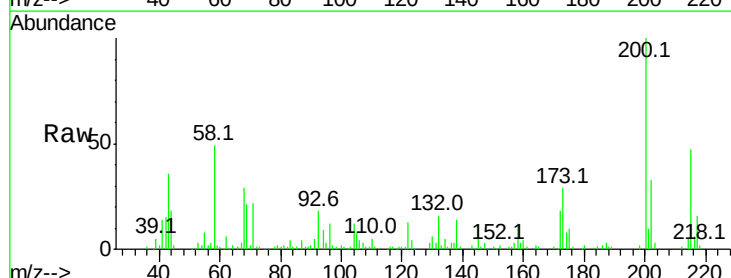
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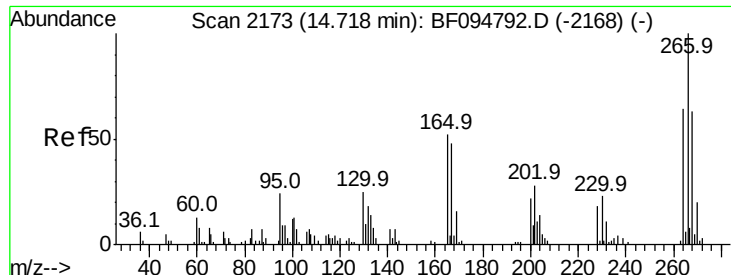
mohammad
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#68
Atrazine
Concen: 42.80 ng
RT: 14.61 min Scan# 2154
Delta R.T. 0.00 min
Lab File: BF095079.D
Acq: 11 May 2017 14:44

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	141791		
173	29.5	6.3	46.3	
215	46.7	27.2	67.2	





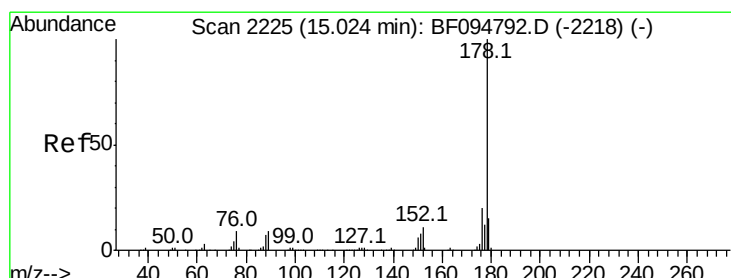
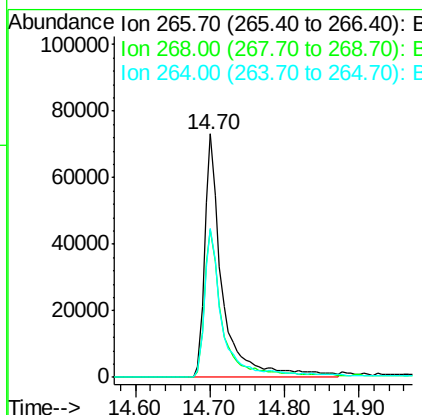
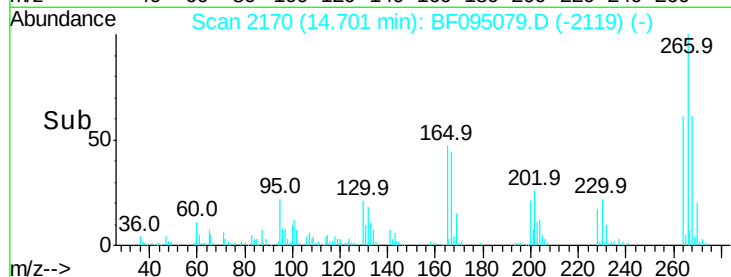
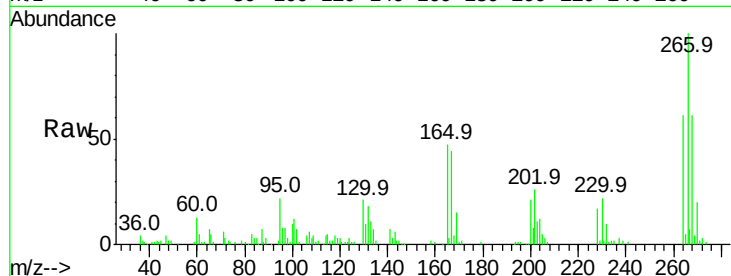
#69
 Pentachlorophenol
 Concen: 77.51 ng
 RT: 14.70 min Scan# 2170
 Delta R.T. 0.00 min
 Lab File: BF095079.D
 Acq: 11 May 2017 14:44

Instrument :
 BNA_F
 ClientSampleId :
 PB98841BS

Tot Ion	Ratio	Resp	Lower	Upper
266	100	122370		
268	60.7		51.1	76.7
264	61.4		51.7	77.5

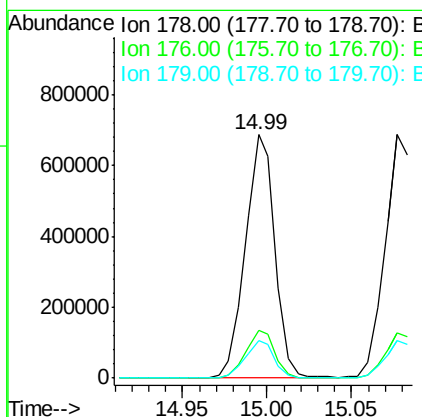
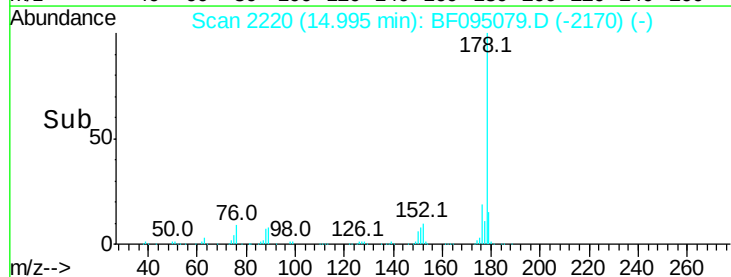
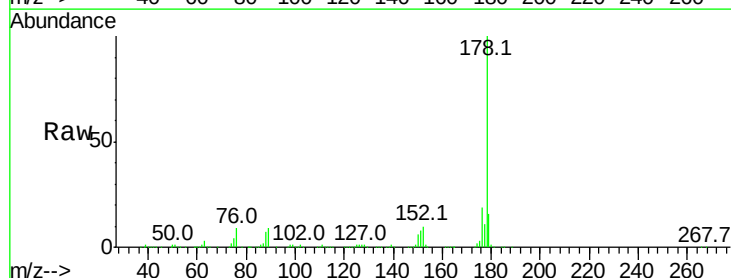
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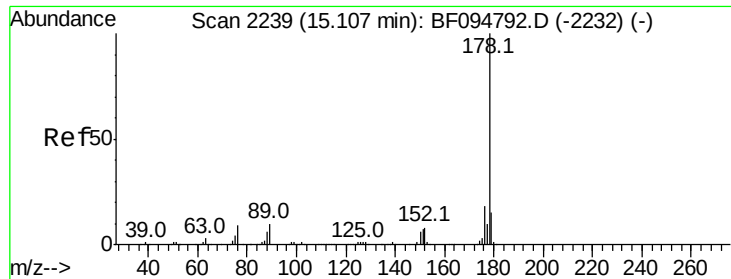
mohammad
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#70
 Phenanthrene
 Concen: 44.97 ng
 RT: 14.99 min Scan# 2220
 Delta R.T. -0.01 min
 Lab File: BF095079.D
 Acq: 11 May 2017 14:44

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	835362		
176	19.4		16.2	24.4
179	15.5		12.6	19.0





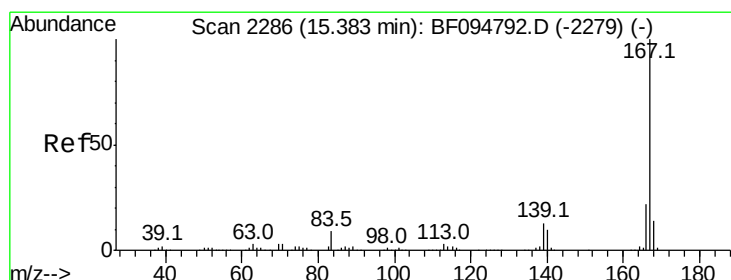
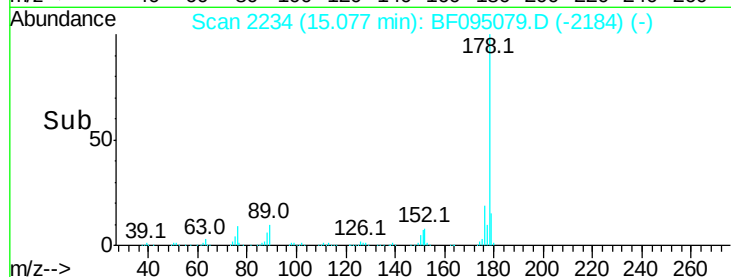
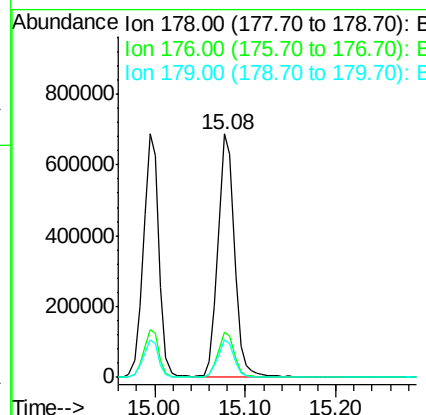
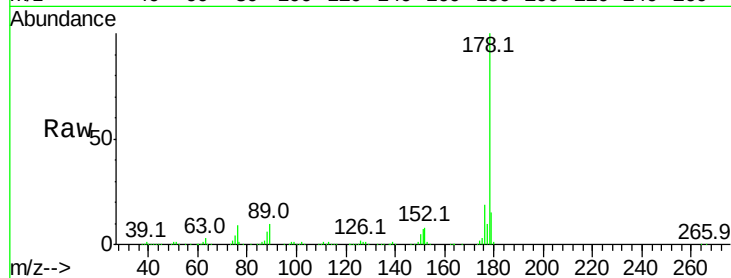
#71
 Anthracene
 Concen: 46.18 ng
 RT: 15.08 min Scan# 2234
 Delta R.T. -0.01 min
 Lab File: BF095079.D
 Acq: 11 May 2017 14:44

Instrument :
 BNA_F
 ClientSampleId :
 PB98841BS

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

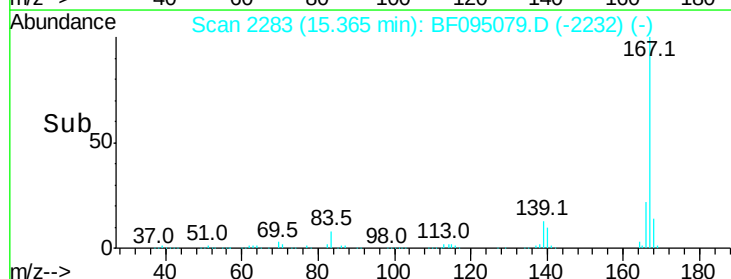
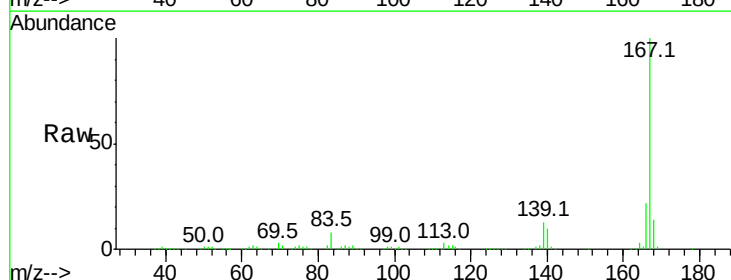
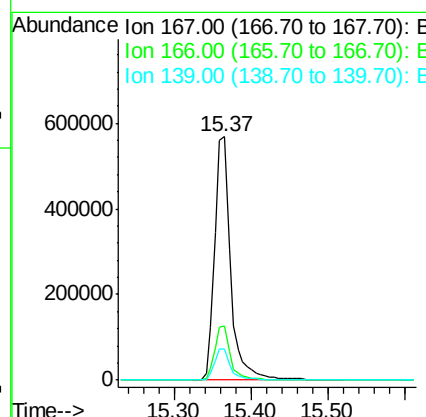
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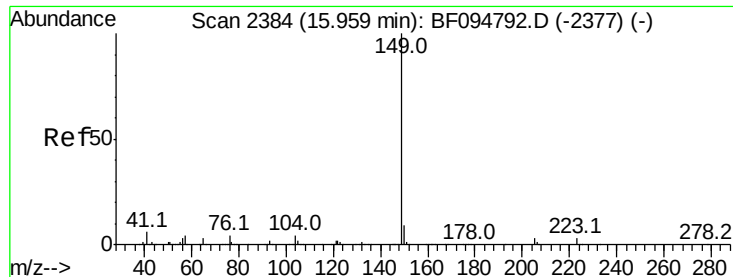
mohammad
 5/12/2017 3:35:55 PM



#72
 Carbazole
 Concen: 47.17 ng
 RT: 15.37 min Scan# 2283
 Delta R.T. 0.00 min
 Lab File: BF095079.D
 Acq: 11 May 2017 14:44

Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.2	18.1	27.1
139	13.0	11.7	17.5





#73

Di-n-butylphthalate

Concen: 46.08 ng

RT: 15.93 min Scan# 2379

Delta R.T. 0.00 min

Lab File: BF095079.D

Acq: 11 May 2017 14:44

Instrument :

BNA_F

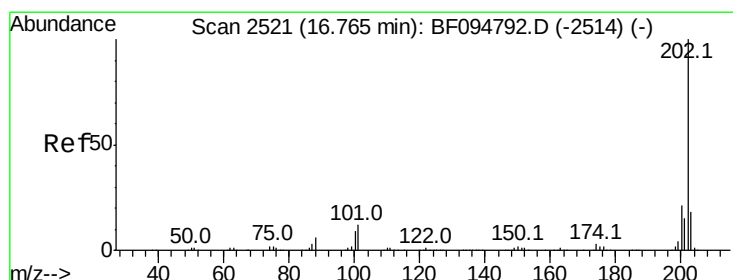
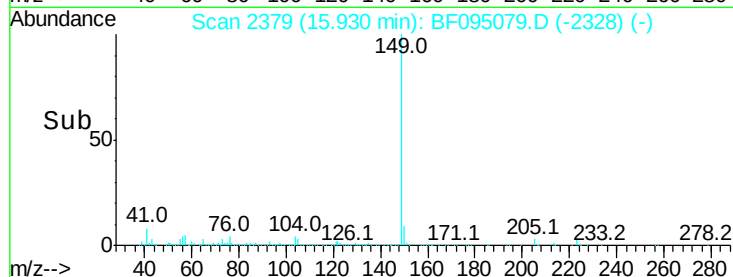
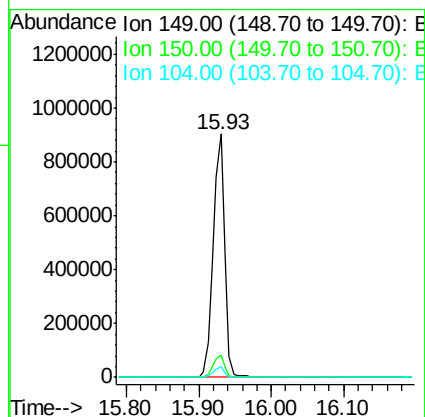
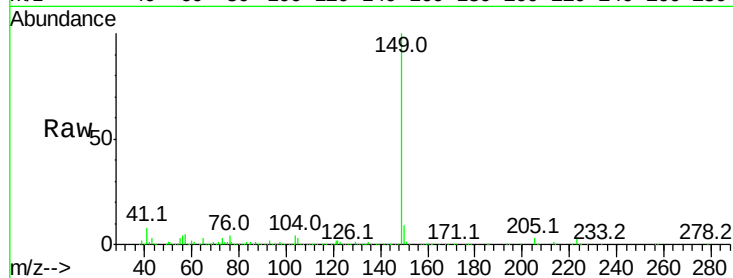
ClientSampleId :

PB98841BS

Tot Ion:	149	Resp:	992243
Ion Ratio	Lower	Upper	
149	100		
150	9.0	7.7	11.5
104	4.3	4.0	6.0

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#74

Fluoranthene

Concen: 47.01 ng

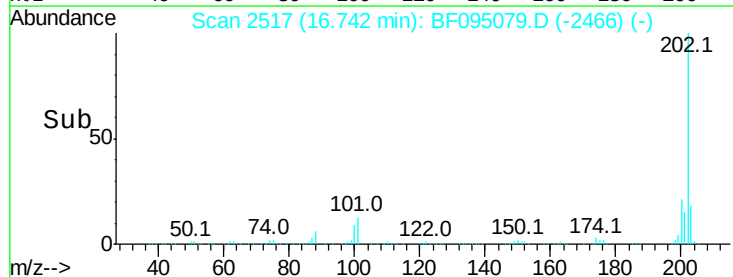
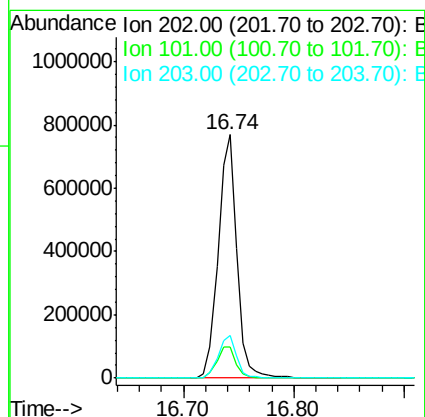
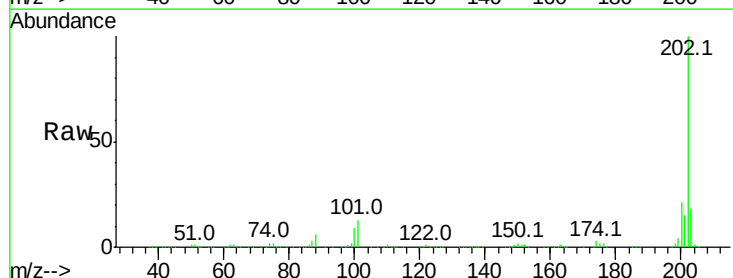
RT: 16.74 min Scan# 2517

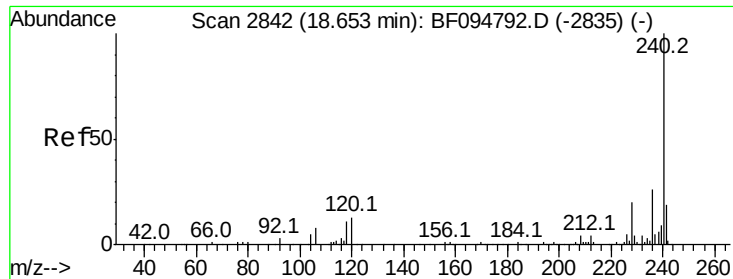
Delta R.T. 0.00 min

Lab File: BF095079.D

Acq: 11 May 2017 14:44

Tgt Ion:	202	Resp:	895822
Ion Ratio	Lower	Upper	
202	100		
101	12.8	0.0	33.2
203	17.6	0.0	38.1





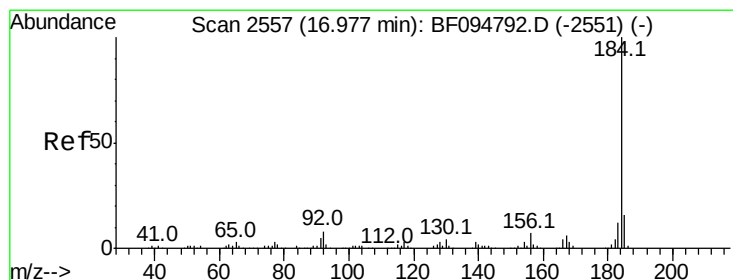
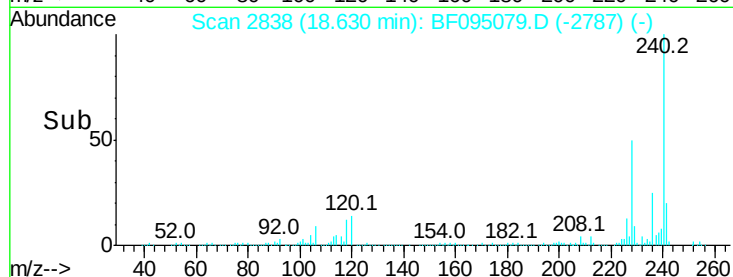
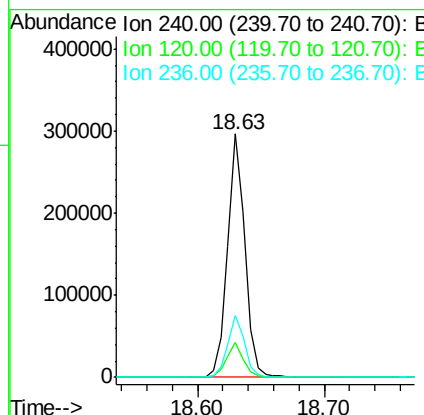
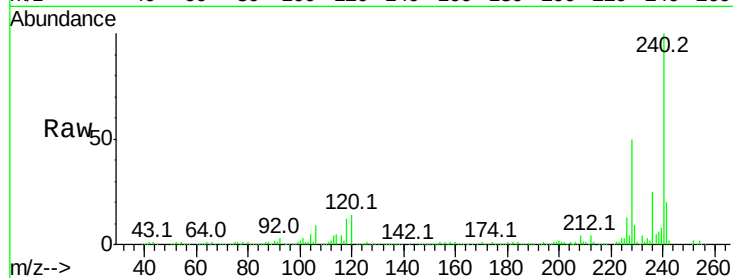
#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 18.63 min Scan# 2838
 Delta R.T. 0.00 min
 Lab File: BF095079.D
 Acq: 11 May 2017 14:44

Instrument :
 BNA_F
 ClientSampleId :
 PB98841BS

Tot Ion	Ratio	Lower	Upper
240	100		
120	14.4	5.8	8.8#
236	25.3	20.5	30.7

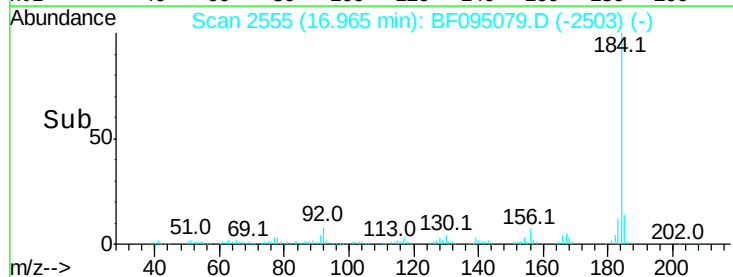
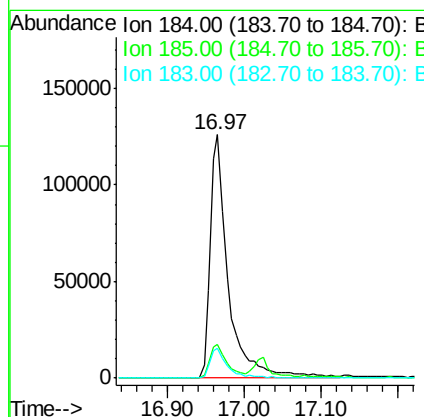
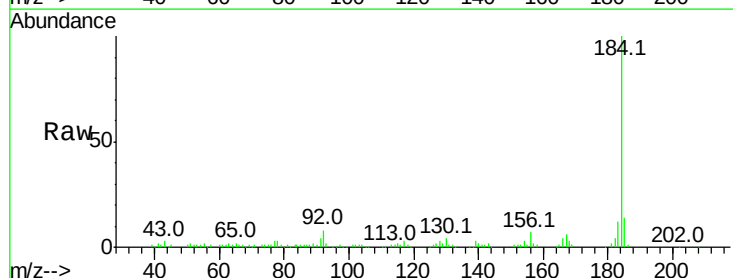
Manual Integrations
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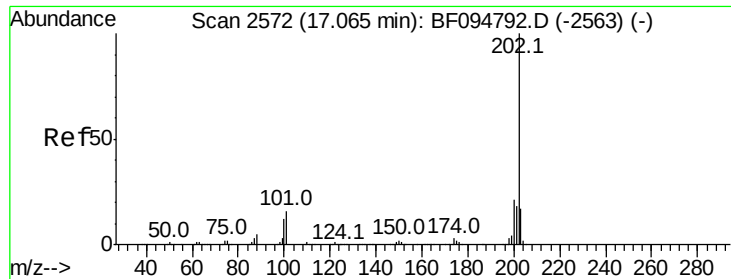
mohammad
 5/12/2017 3:35:55 PM



#76
 Benzidine
 Concen: 29.58 ng
 RT: 16.97 min Scan# 2555
 Delta R.T. 0.01 min
 Lab File: BF095079.D
 Acq: 11 May 2017 14:44

Tgt Ion	Ratio	Lower	Upper
184	100		
185	14.1	15.5	23.3#
183	12.2	9.8	14.6





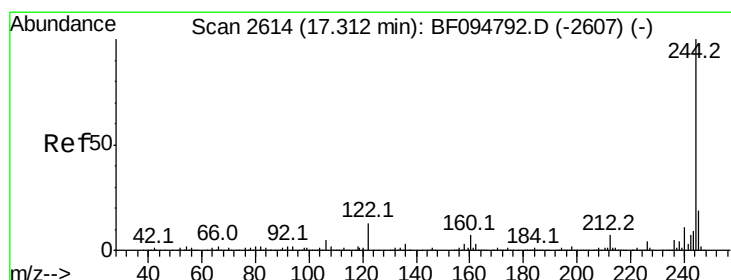
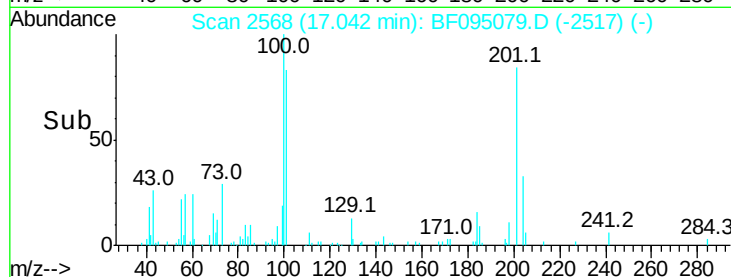
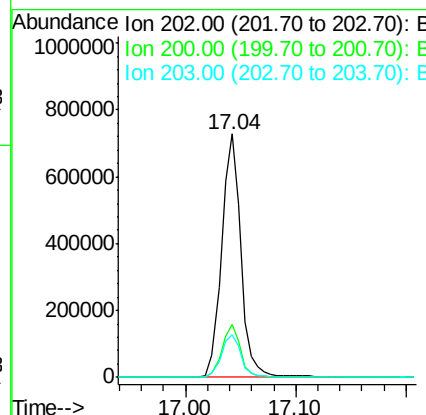
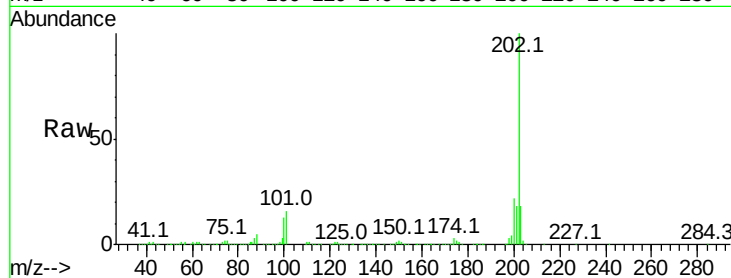
#77
Pvrene
Concen: 41.58 ng
RT: 17.04 min Scan# 2568
Delta R.T. 0.00 min
Lab File: BF095079.D
Acq: 11 May 2017 14:44

Instrument :
BNA_F
ClientSampleId :
PB98841BS

Tot Ion	Ratio	Resp	Lower	Upper
202	100			
200	21.7	17.6	26.4	
203	17.8	14.4	21.6	

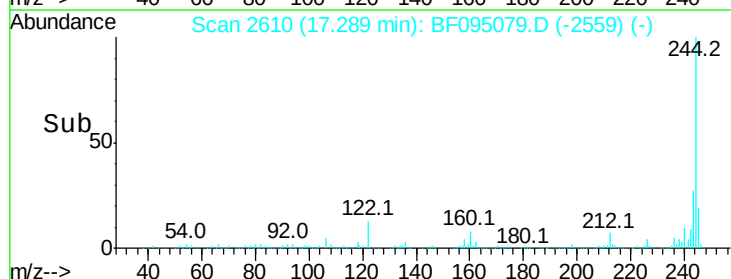
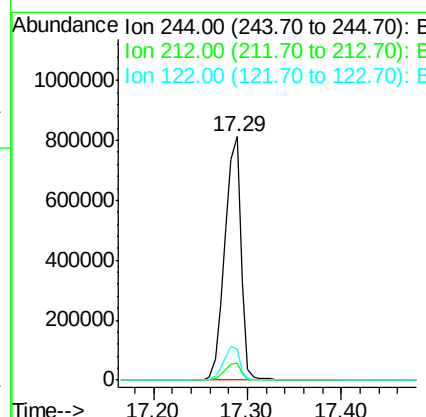
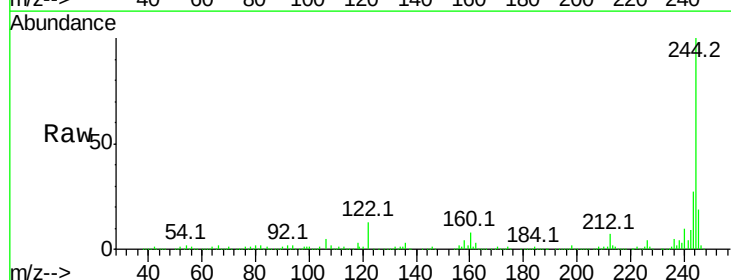
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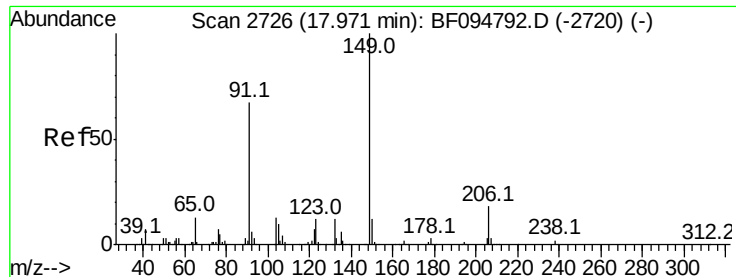
mohammad
5/12/2017 3:35:55 PM



#78
Terphenyl-d14
Concen: 76.66 ng
RT: 17.29 min Scan# 2610
Delta R.T. 0.00 min
Lab File: BF095079.D
Acq: 11 May 2017 14:44

Tgt Ion	Ratio	Resp	Lower	Upper
244	100			
212	7.0	6.0	9.0	
122	13.0	10.3	15.5	





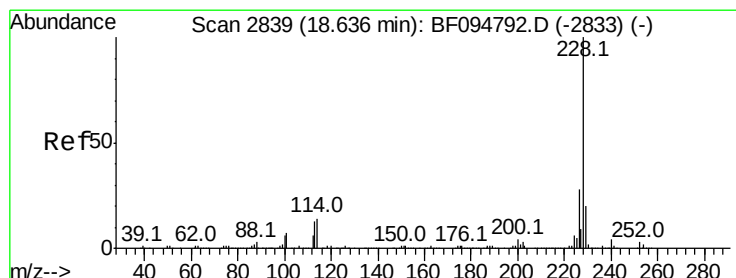
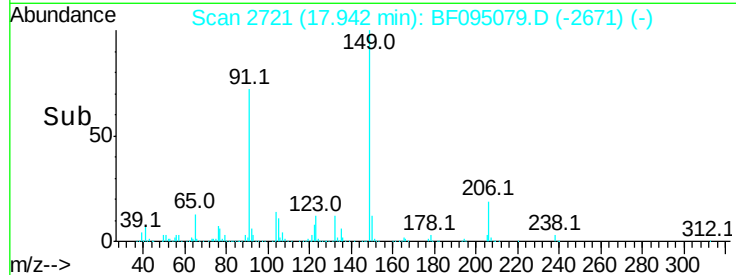
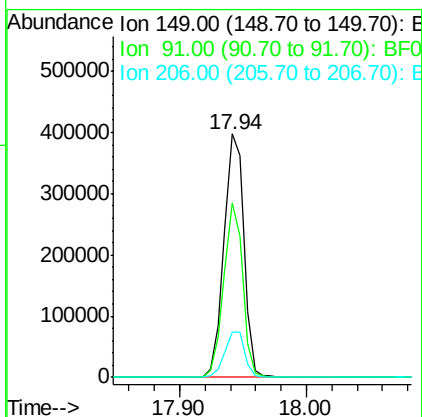
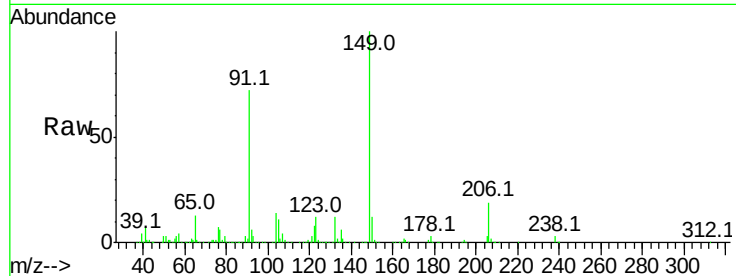
#79
Butylbenzylphthalate
Concen: 44.23 ng
RT: 17.94 min Scan# 2721
Delta R.T. -0.01 min
Lab File: BF095079.D
Acq: 11 May 2017 14:44

Instrument :
BNA_F
ClientSampled :
PB98841BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	435407		
91	71.5	45.0	67.4#	
206	18.8	17.0	25.6	

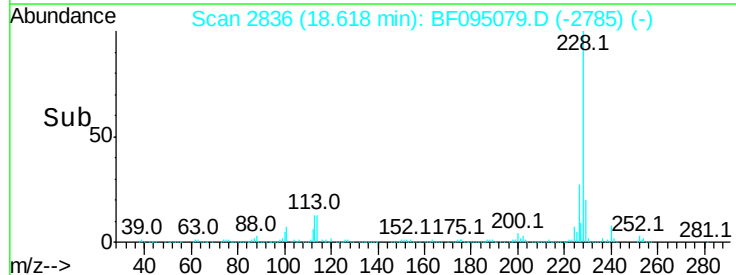
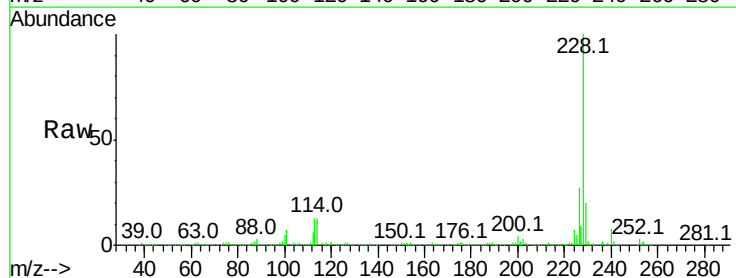
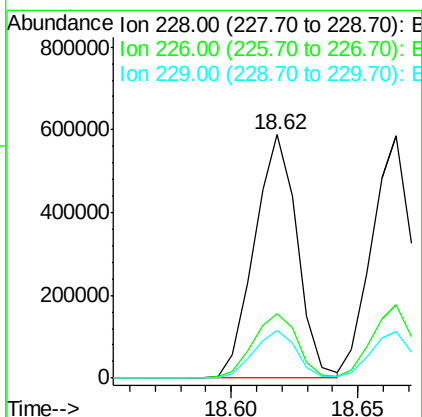
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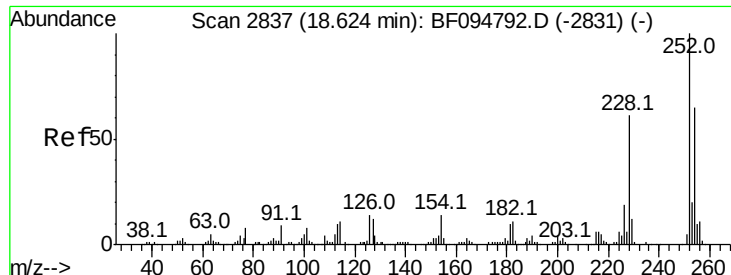
mohammad
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#80
Benzo(a)anthracene
Concen: 42.17 ng
RT: 18.62 min Scan# 2836
Delta R.T. 0.00 min
Lab File: BF095079.D
Acq: 11 May 2017 14:44

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	694470		
226	26.7	22.6	33.8	
229	19.7	16.3	24.5	





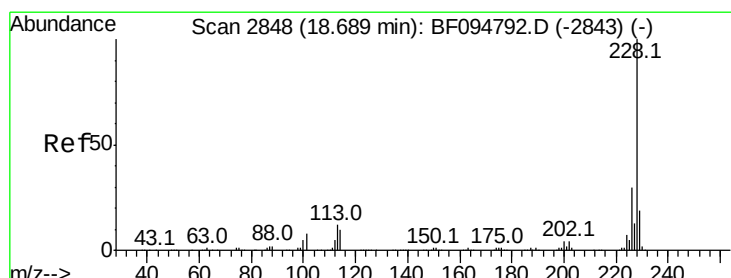
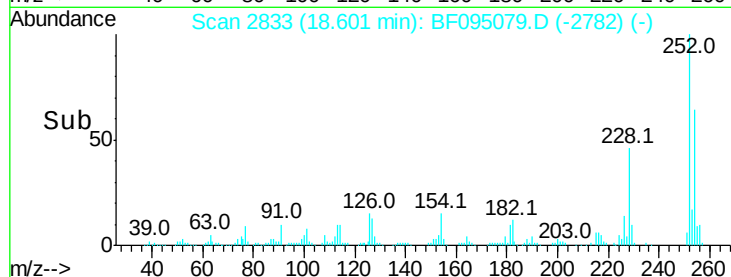
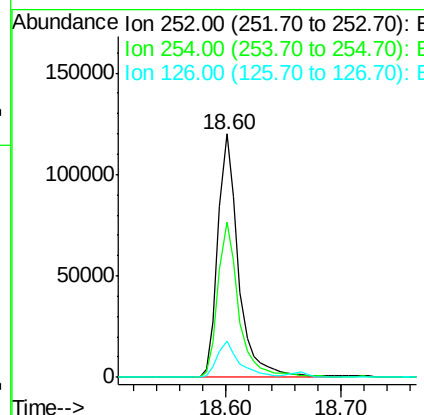
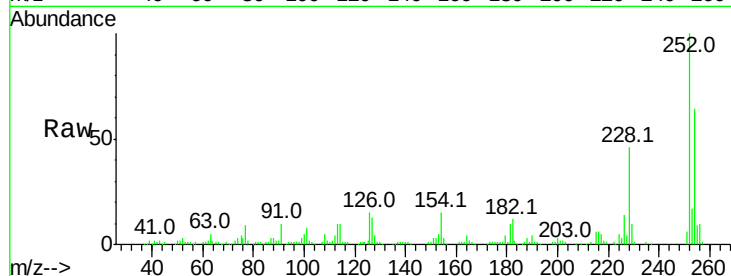
#81
 3,3'-Dichlorobenzidine
 Concen: 26.38 ng
 RT: 18.60 min Scan# 2833
 Delta R.T. 0.00 min
 Lab File: BF095079.D
 Acq: 11 May 2017 14:44

Instrument :
 BNA_F
 ClientSampleId :
 PB98841BS

Tot Ion	Ratio	Resp	Lower	Upper
252	100	150034		
254	63.7	51.5	77.3	
126	14.6	15.8	23.8	

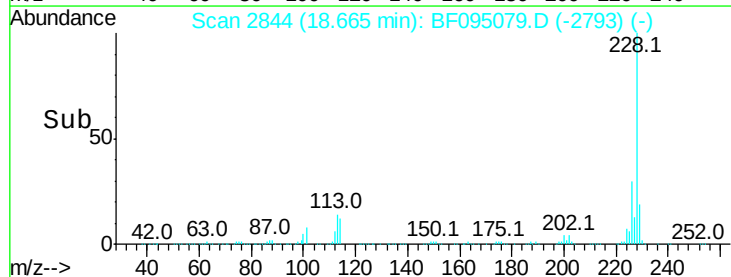
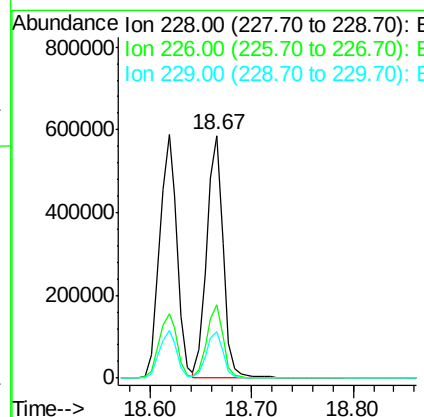
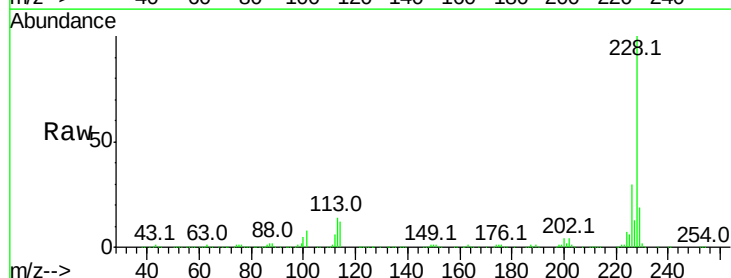
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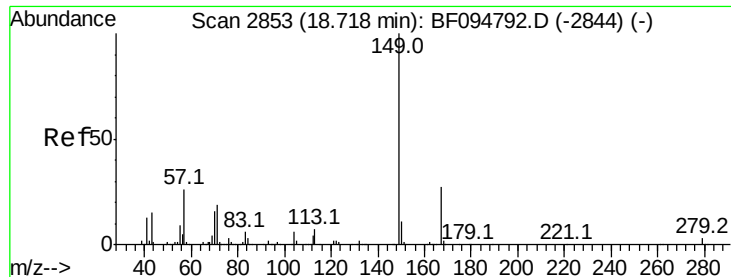
mohammad
 5/12/2017 3:35:55 PM



#82
 Chrysene
 Concen: 41.27 ng
 RT: 18.67 min Scan# 2844
 Delta R.T. 0.00 min
 Lab File: BF095079.D
 Acq: 11 May 2017 14:44

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	657268		
226	30.2	24.9	37.3	
229	19.4	15.8	23.6	





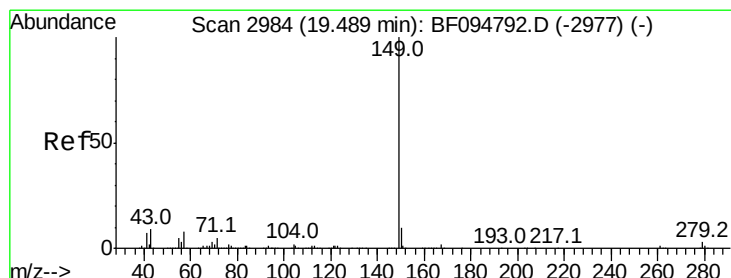
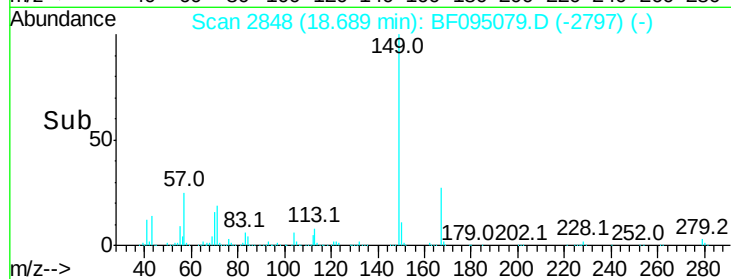
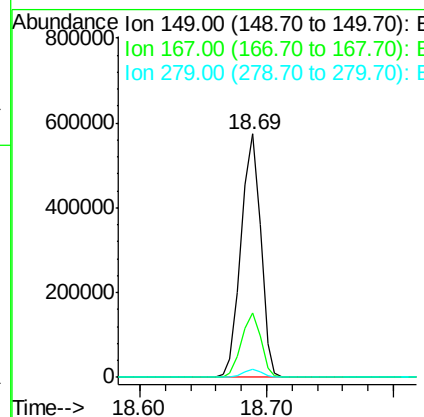
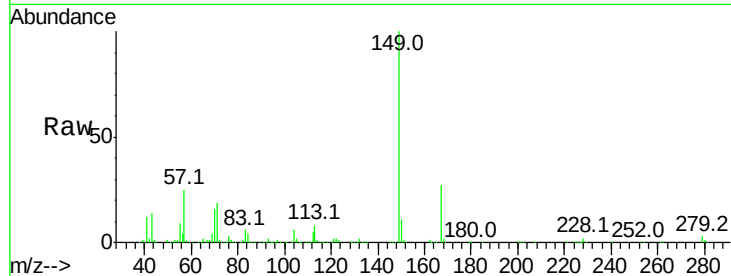
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 43.83 ng
 RT: 18.69 min Scan# 2848
 Delta R.T. 0.00 min
 Lab File: BF095079.D
 Acq: 11 May 2017 14:44

Instrument :
 BNA_F
 ClientSampleId :
 PB98841BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	614704		
167	26.6	21.0	31.4	
279	3.2	1.9	2.9	

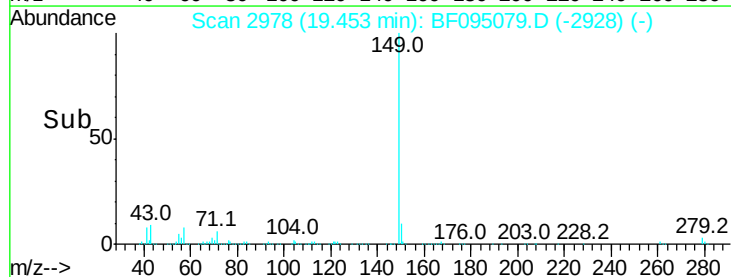
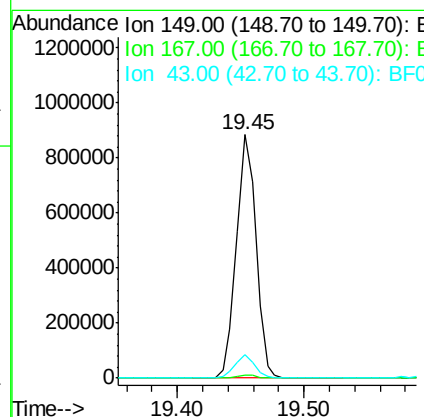
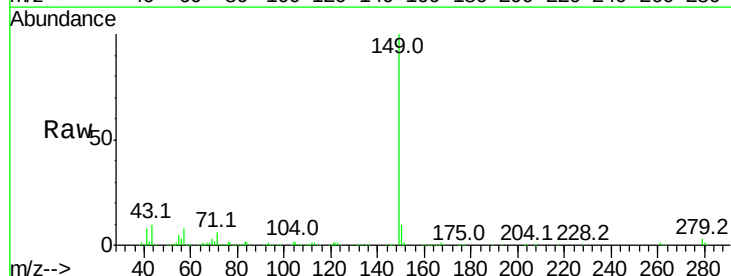
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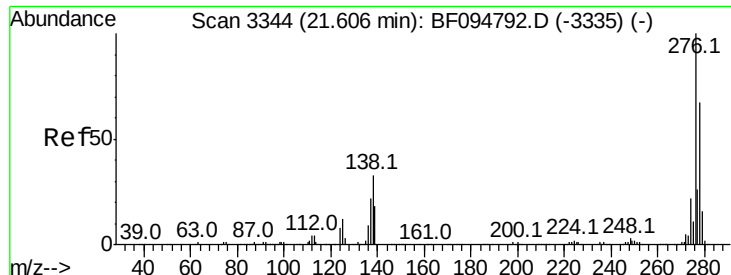
mohammad
 5/12/2017 3:35:55 PM



#84
 Di-n-octyl phthalate
 Concen: 40.99 ng
 RT: 19.45 min Scan# 2978
 Delta R.T. -0.01 min
 Lab File: BF095079.D
 Acq: 11 May 2017 14:44

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	942570		
167	1.5	1.2	1.8	
43	9.0	8.5	12.7	





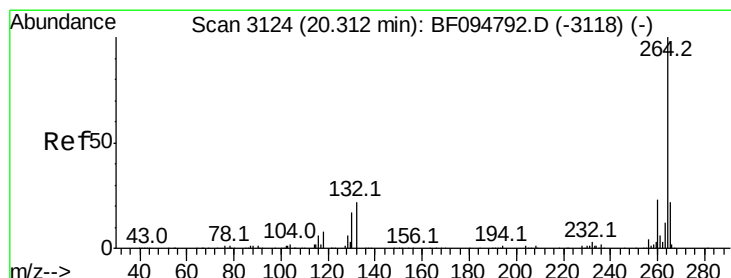
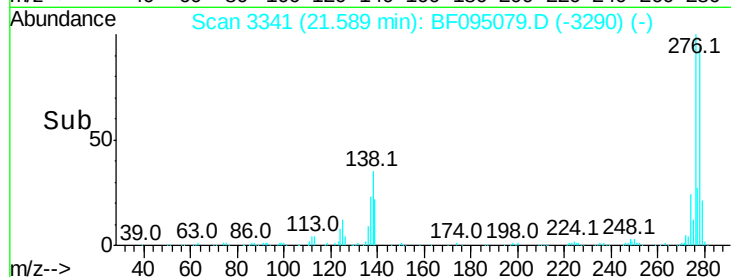
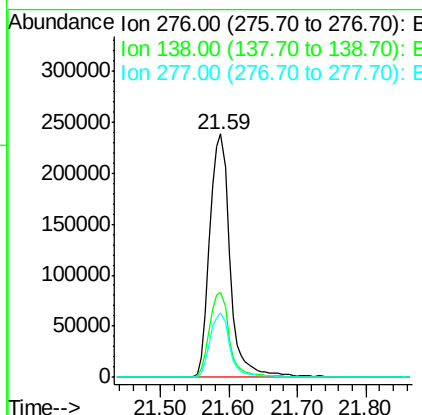
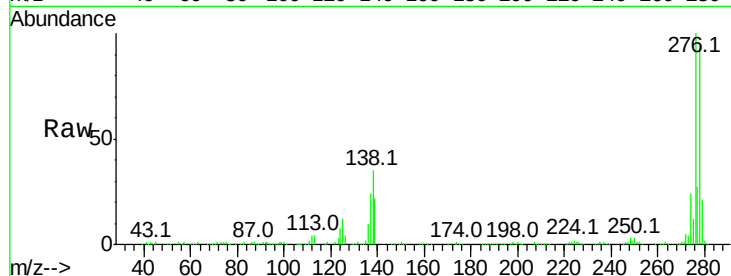
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 38.18 ng
 RT: 21.59 min Scan# 3341
 Delta R.T. 0.00 min
 Lab File: BF095079.D
 Acq: 11 May 2017 14:44

Instrument :
 BNA_F
 ClientSampleId :
 PB98841BS

Tot Ion	Ratio	Lower	Upper
276	100		
138	34.3	27.8	41.6
277	25.9	20.2	30.4

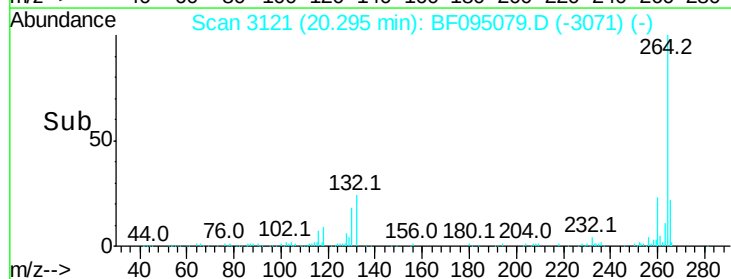
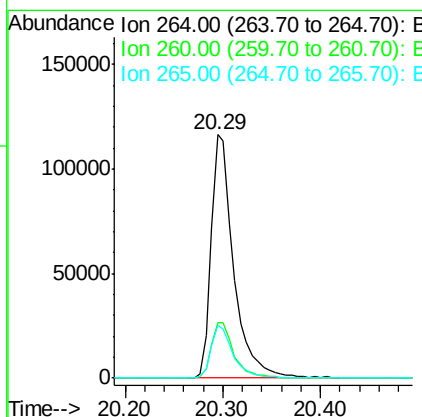
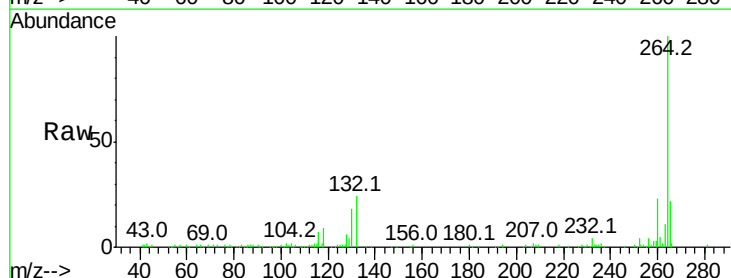
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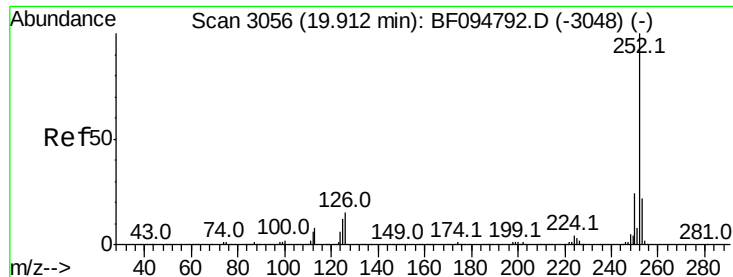
mohammad
 5/12/2017 3:35:55 PM



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 20.29 min Scan# 3121
 Delta R.T. -0.01 min
 Lab File: BF095079.D
 Acq: 11 May 2017 14:44

Tgt Ion	Ratio	Lower	Upper
264	100		
260	22.8	19.5	29.3
265	21.5	17.2	25.8





#87

Benzo(b)fluoranthene

Concen: 40.57 ng

RT: 19.89 min Scan# 3052

Delta R.T. 0.00 min

Lab File: BF095079.D

Acq: 11 May 2017 14:44

Instrument :

BNA_F

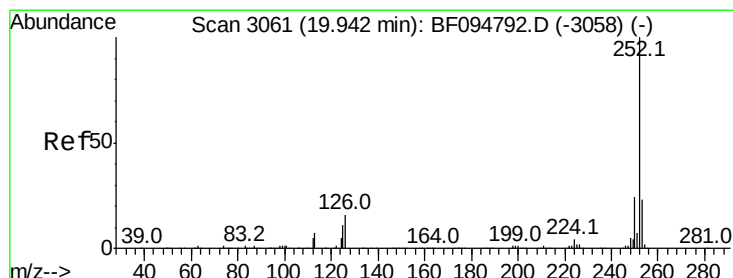
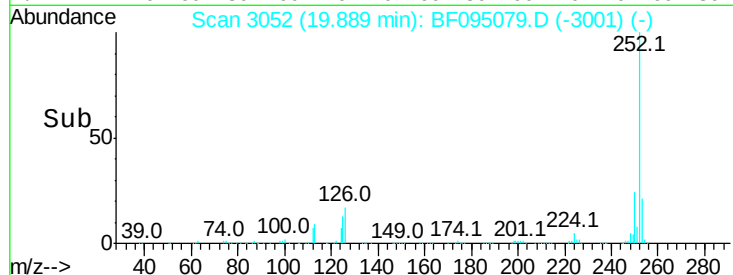
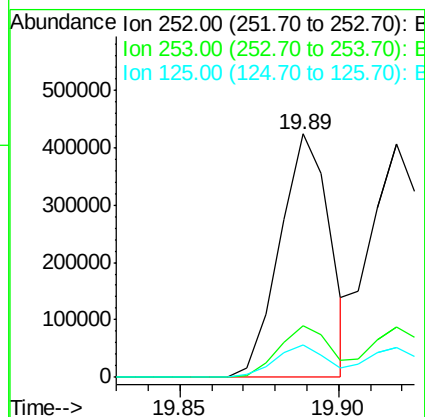
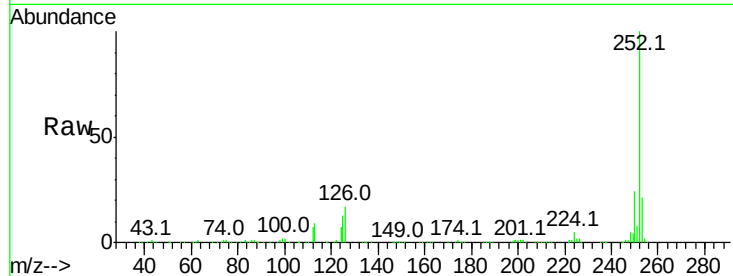
ClientSampleId :

PB98841BS

Tot Ion:	252	Resp:	465637
Ion Ratio	Lower	Upper	
252	100		
253	21.4	18.1	27.1
125	13.1	9.8	14.8

Manual Integrations
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mohammad
5/12/2017 3:35:55 PM



#88

Benzo(k)fluoranthene

Concen: 45.90 ng

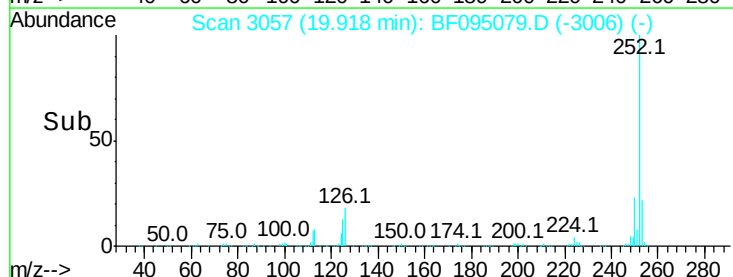
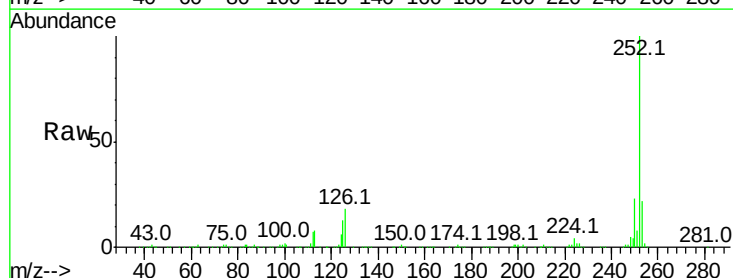
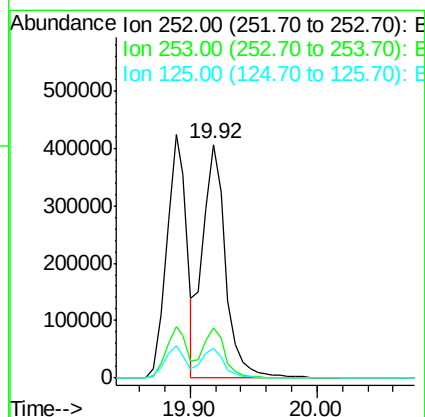
RT: 19.92 min Scan# 3057

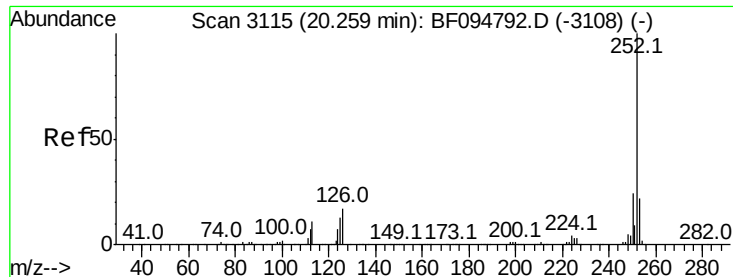
Delta R.T. 0.00 min

Lab File: BF095079.D

Acq: 11 May 2017 14:44

Tgt Ion:	252	Resp:	508229
Ion Ratio	Lower	Upper	
252	100		
253	21.7	18.4	27.6
125	13.0	13.1	19.7#





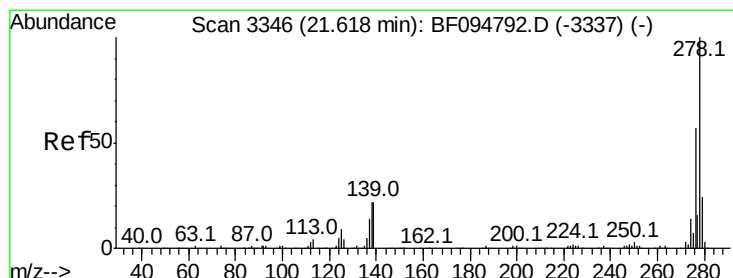
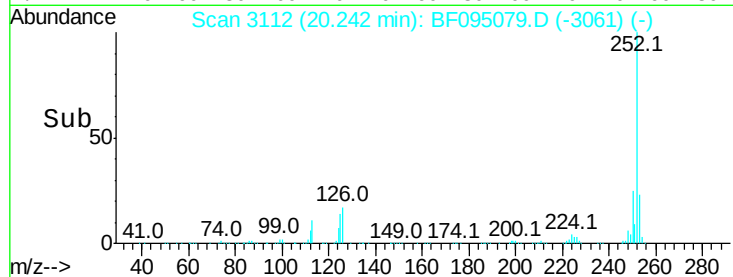
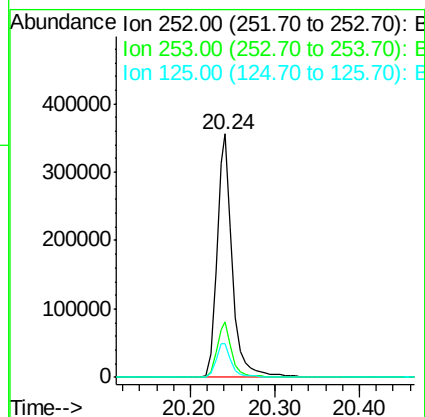
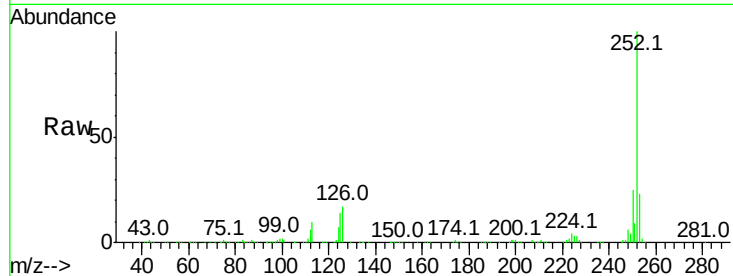
#89
Benzo(a)pyrene
Concen: 42.89 ng
RT: 20.24 min Scan# 3112
Delta R.T. 0.00 min
Lab File: BF095079.D
Acq: 11 May 2017 14:44

Instrument :
BNA_F
ClientSampleId :
PB98841BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.5	26.3
125	13.9	11.0	16.4

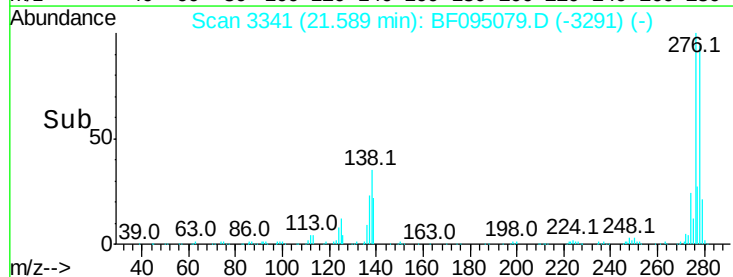
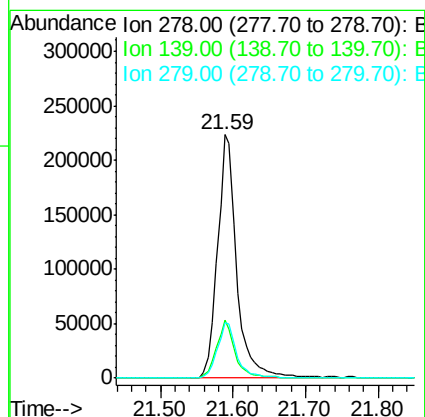
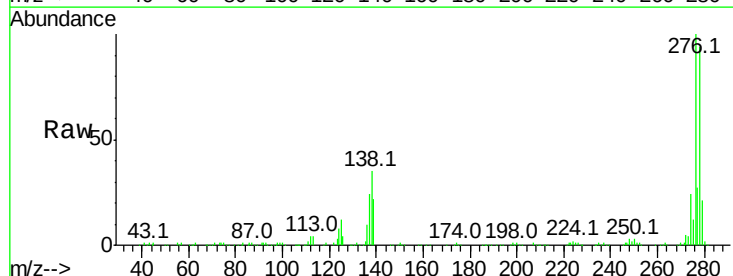
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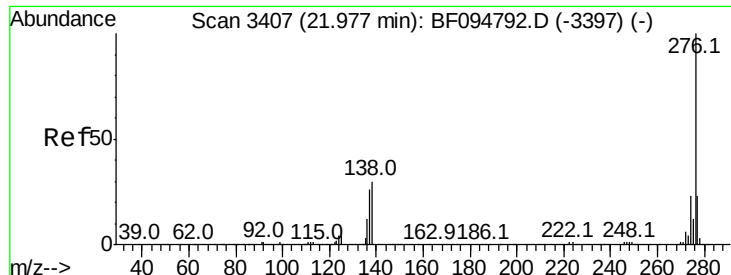
mohammad
5/12/2017 3:35:55 PM



#90
Dibenzo(a,h)anthracene
Concen: 47.03 ng
RT: 21.59 min Scan# 3341
Delta R.T. -0.01 min
Lab File: BF095079.D
Acq: 11 May 2017 14:44

Tgt Ion	Ratio	Lower	Upper
278	100		
139	23.7	16.6	24.8
279	22.8	19.3	28.9





#91
 Benzo(a,h,i)perylene
 Concen: 49.62 ng
 RT: 21.96 min Scan# 3404
 Delta R.T. 0.00 min
 Lab File: BF095079.D
 Acq: 11 May 2017 14:44

Instrument :
 BNA_F
 ClientSampleId :
 PB98841BS

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.5	18.6	28.0
138	30.4	25.4	38.0

Manual Integrations
 APPROVED

mohammad
 5/12/2017 3:35:55 PM

