

Data Path : Z:\HPCHEM1\BNA F\DATA\BF052717\
 Data File : BF095500.D
 Acq On : 27 May 2017 14:11
 Operator : SJ/MA
 Sample : PB99295BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB99295BS

Manual Integrations
 APPROVED

mohammad
 5/31/2017 1:00:14 PM

Quant Time: May 29 01:42:13 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 26 16:50:16 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.74	152	89521	20.00	ng	0.00
21) Naphthalene-d8	9.75	136	394208	20.00	ng	0.00
38) Acenaphthene-d10	12.59	164	186422	20.00	ng	0.00
63) Phenanthrene-d10	14.99	188	297749	20.00	ng	0.00
75) Chrysene-d12	18.67	240	289348	20.00	ng	0.00
86) Perylene-d12	20.35	264	159694	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.71	112	783163	145.85	ng	0.00
7) Phenol-d6	7.30	99	892200	138.49	ng	0.00
23) Nitrobenzene-d5	8.65	82	490373	78.44	ng	0.00
41) 2,4,6-Tribromophenol	13.89	330	173671	113.75	ng	0.00
44) 2-Fluorobiphenyl	11.53	172	978382	75.54	ng	0.00
78) Terphenyl-d14	17.32	244	904118	68.82	ng	0.00

Target Compounds						Qvalue
2) 1,4-Dioxane	2.24	88	91925	34.91	ng	96
3) Pyridine	2.96	79	189798	31.10	ng	97
4) n-Nitrosodimethylamine	2.87	42	89367	35.13	ng	# 79
6) Aniline	7.25	93	224994	27.66	ng	96
8) 2-Chlorophenol	7.44	128	281109	46.00	ng	96
9) Benzaldehyde	7.10	77	46943	11.93	ng	99
10) Phenol	7.31	94	341664	50.33	ng	93
11) bis(2-Chloroethyl)ether	7.38	93	245216	43.75	ng	97
12) 1,3-Dichlorobenzene	7.64	146	259206	37.39	ng	98
13) 1,4-Dichlorobenzene	7.77	146	277635	39.49	ng	96
14) 1,2-Dichlorobenzene	8.00	146	278975	42.51	ng	95
15) Benzyl Alcohol	8.04	79	214544	51.77	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.22	45	328890	41.46	ng	97
17) 2-Methylphenol	8.25	107	225323	45.05	ng	95
18) Hexachloroethane	8.51	117	96657	40.58	ng	# 87
19) n-Nitroso-di-n-propylamine	8.45	70	190028	43.61	ng	94
20) 3+4-Methylphenols	8.51	107	290615	42.76	ng	# 57
22) Acetophenone	8.42	105	373781	39.52	ng	# 84
24) Nitrobenzene	8.67	77	254492	38.84	ng	94
25) Isophorone	9.08	82	445183	39.88	ng	95
26) 2-Nitrophenol	9.18	139	151164	42.75	ng	98
27) 2,4-Dimethylphenol	9.32	122	226411	39.61	ng	99
28) bis(2-Chloroethoxy)methane	9.44	93	306926	39.75	ng	99
29) 2,4-Dichlorophenol	9.62	162	219063	40.58	ng	97
30) 1,2,4-Trichlorobenzene	9.68	180	227989	39.43	ng	98
31) Naphthalene	9.79	128	787655	39.75	ng	99
32) Benzoic acid	9.66	122	138937	38.18	ng	93
33) 4-Chloroaniline	9.98	127	83798	11.35	ng	# 90
34) Hexachlorobutadiene	10.00	225	114833	37.63	ng	97
35) Caprolactam	10.58	113	73466m	45.33	ng	
36) 4-Chloro-3-methylphenol	10.80	107	253417	43.91	ng	90
37) 2-Methylnaphthalene	10.92	142	542110	41.69	ng	98
39) 1,2,4,5-Tetrachlorobenzene	11.20	216	182014	31.75	ng	98
40) Hexachlorocyclopentadiene	11.17	237	98627	43.88	ng	98

Data Path : Z:\HPCHEM1\BNA F\DATA\BF052717\
 Data File : BF095500.D
 Acq On : 27 May 2017 14:11
 Operator : SJ/MA
 Sample : PB99295BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleID :
 PB99295BS

Manual Integrations
 APPROVED

mohammad
 5/31/2017 1:00:14 PM

Quant Time: May 29 01:42:13 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 26 16:50:16 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	11.42	196	142612	37.26	ng	99
43) 2,4,5-Trichlorophenol	11.52	196	139982	34.03	ng	94
45) 1,1'-Biphenyl	11.68	154	630143	40.15	ng	97
46) 2-Chloronaphthalene	11.70	162	491356	38.77	ng	95
47) 2-Nitroaniline	11.92	65	138749	40.00	ng	# 85
48) Acenaphthylene	12.36	152	759376	38.25	ng	98
49) Dimethylphthalate	12.24	163	513135	33.53	ng	98
50) 2,6-Dinitrotoluene	12.33	165	122724	39.31	ng	# 90
51) Acenaphthene	12.64	154	466273	39.33	ng	99
52) 3-Nitroaniline	12.62	138	65569	19.57	ng	95
53) 2,4-Dinitrophenol	12.83	184	130550	76.23	ng	# 65
54) Dibenzofuran	12.93	168	717516	43.73	ng	97
55) 4-Nitrophenol	13.02	139	145187	72.13	ng	# 75
56) 2,4-Dinitrotoluene	13.01	165	184341	45.95	ng	# 89
57) Fluorene	13.49	166	560596	39.29	ng	99
58) 2,3,4,6-Tetrachlorophenol	13.18	232	115797	44.72	ng	# 98
59) Diethylphthalate	13.38	149	519822	35.44	ng	99
60) 4-Chlorophenyl-phenylether	13.51	204	245009	39.08	ng	89
61) 4-Nitroaniline	13.62	138	114935	37.36	ng	97
62) Azobenzene	13.77	77	443447	37.62	ng	92
64) 4,6-Dinitro-2-methylphenol	13.68	198	89309	44.74	ng	# 70
65) n-Nitrosodiphenylamine	13.71	169	467262	43.24	ng	99
66) 4-Bromophenyl-phenylether	14.29	248	140141	44.55	ng	95
67) Hexachlorobenzene	14.38	284	139781	43.36	ng	# 84
68) Atrazine	14.64	200	134103	43.95	ng	96
69) Pentachlorophenol	14.75	266	94408	65.88	ng	96
70) Phenanthrene	15.04	178	724086	42.32	ng	98
71) Anthracene	15.12	178	847830	48.52	ng	98
72) Carbazole	15.40	167	709844	44.64	ng	97
73) Di-n-butylphthalate	15.96	149	945655	47.69	ng	98
74) Fluoranthene	16.78	202	734457	41.85	ng	98
76) Benzidine	17.01	184	136023	21.58	ng	# 92
77) Pyrene	17.08	202	791869	36.59	ng	99
79) Butylbenzylphthalate	17.97	149	398696	39.61	ng	# 85
80) Benzo(a)anthracene	18.66	228	690764	41.02	ng	98
81) 3,3'-Dichlorobenzidine	18.64	252	132865	22.84	ng	# 97
82) Chrysene	18.71	228	641545	39.40	ng	99
83) Bis(2-ethylhexyl)phthalate	18.72	149	535986	37.37	ng	# 98
84) Di-n-octyl phthalate	19.48	149	917809	39.03	ng	96
85) Indeno(1,2,3-cd)pyrene	21.68	276	366392	27.71	ng	99
87) Benzo(b)fluoranthene	19.94	252	531235	53.84	ng	97
88) Benzo(k)fluoranthene	19.97	252	521048	54.74	ng	96
89) Benzo(a)pyrene	20.29	252	396515	43.55	ng	99
90) Dibenzo(a,h)anthracene	21.67	278	295669	39.32	ng	99
91) Benzo(g,h,i)perylene	22.06	276	316302	42.86	ng	98

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

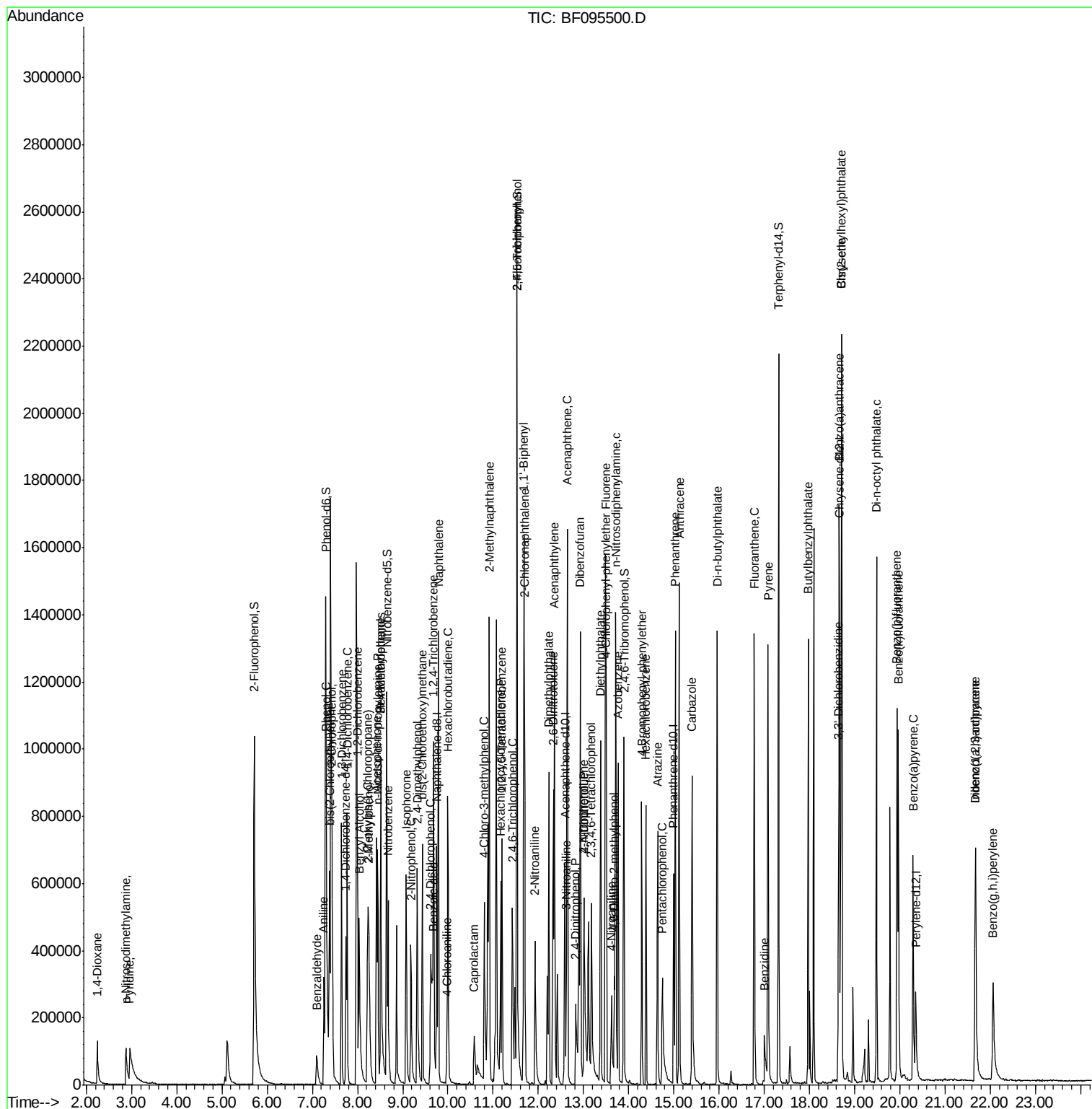
Data Path : Z:\HPCHEM1\BNA F\DATA\BF052717\
Data File : BF095500.D
Acq On : 27 May 2017 14:11
Operator : SJ/MA
Sample : PB99295BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

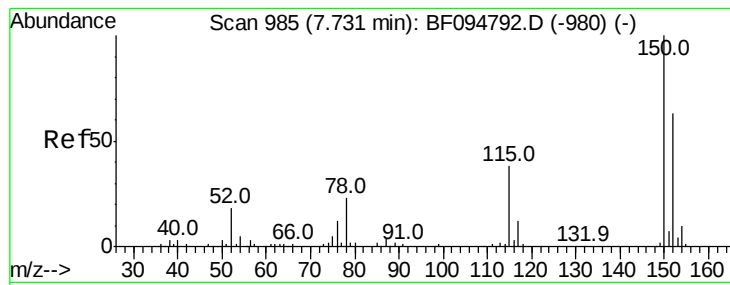
Instrument :
BNA_F
ClientSampleId :
PB99295BS

Manual Integrations
APPROVED

mohammad
5/31/2017 1:00:14 PM

Quant Time: May 29 01:42:13 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 26 16:50:16 2017
Response via : Initial Calibration





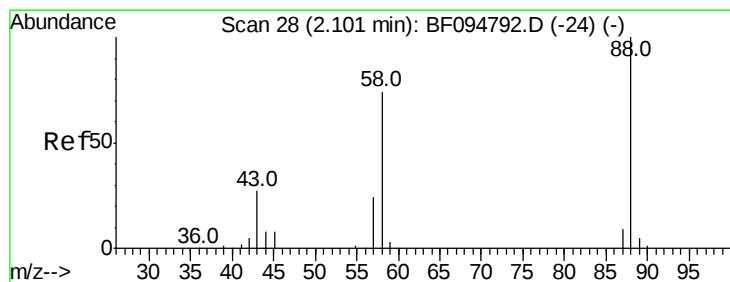
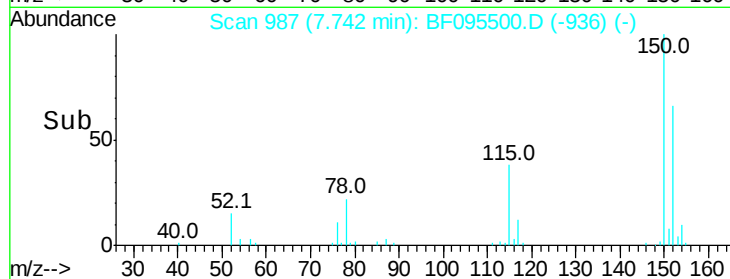
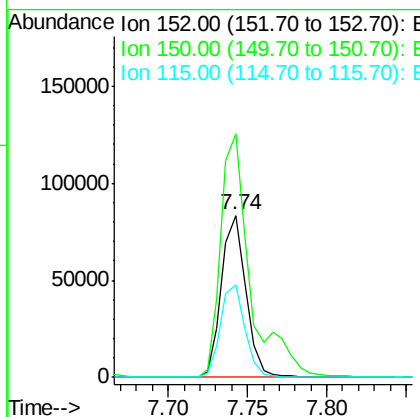
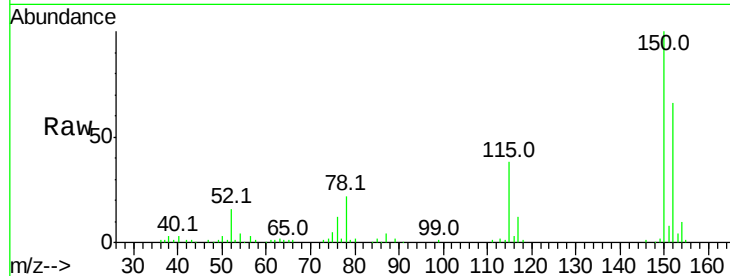
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 7.74 min Scan# 987
 Delta R.T. 0.00 min
 Lab File: BF095500.D
 Acq: 27 May 2017 14:11

Instrument :
 BNA_F
 ClientSampleId :
 PB99295BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	150.4	126.2	189.2
115	57.4	52.2	78.2

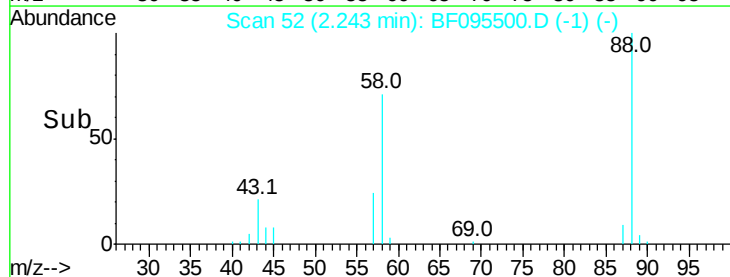
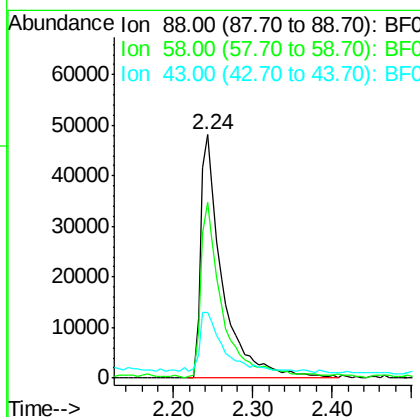
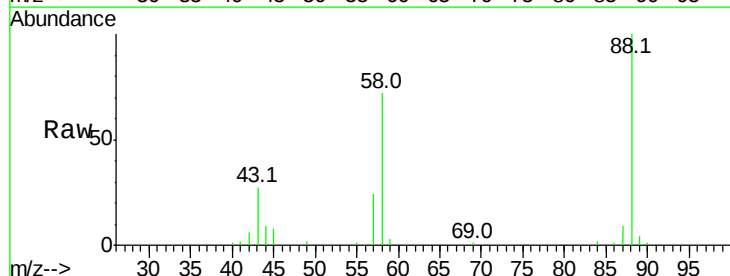
Manual Integrations
 APPROVED

mohammad
 5/31/2017 1:00:14 PM



#2
 1,4-Dioxane
 Concen: 34.91 ng
 RT: 2.24 min Scan# 52
 Delta R.T. 0.06 min
 Lab File: BF095500.D
 Acq: 27 May 2017 14:11

Tgt Ion	Ratio	Lower	Upper
88	100		
58	73.5	61.4	92.0
43	25.8	23.4	35.0





#3

Pvridine

Concen: 31.10 ng

RT: 2.96 min Scan# 174

Delta R.T. 0.08 min

Lab File: BF095500.D

Acq: 27 May 2017 14:11

Instrument :

BNA_F

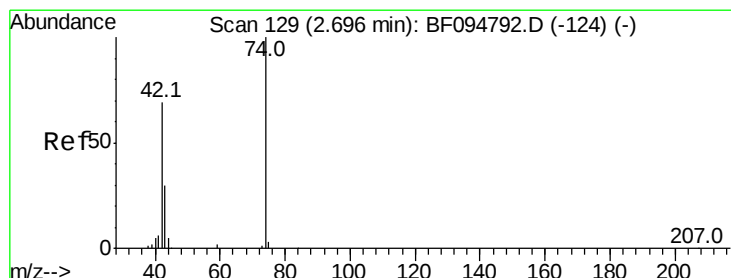
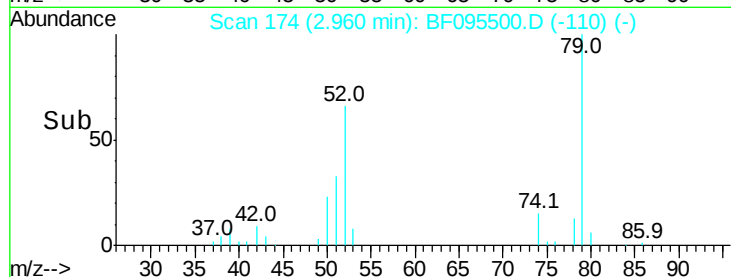
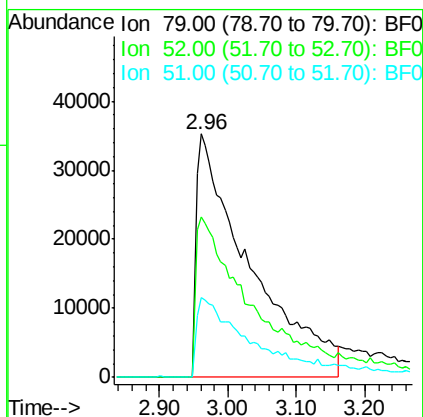
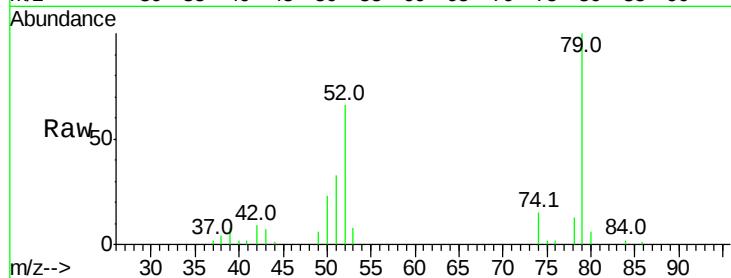
ClientSampleId :

PB99295BS

Tot Ion:	79	Resp:	189798
Ion Ratio	Lower	Upper	
79	100		
52	65.7	54.8	82.2
51	32.8	27.0	40.4

Manual Integrations
APPROVED

mohammad
5/31/2017 1:00:14 PM



#4

n-Nitrosodimethylamine

Concen: 35.13 ng

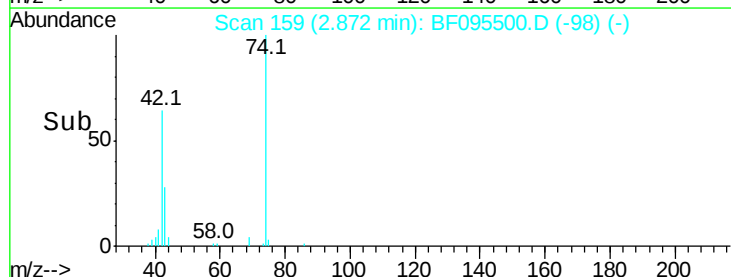
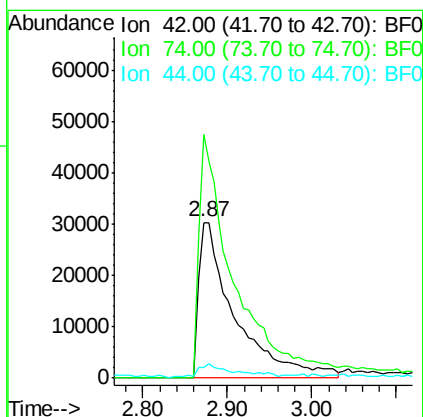
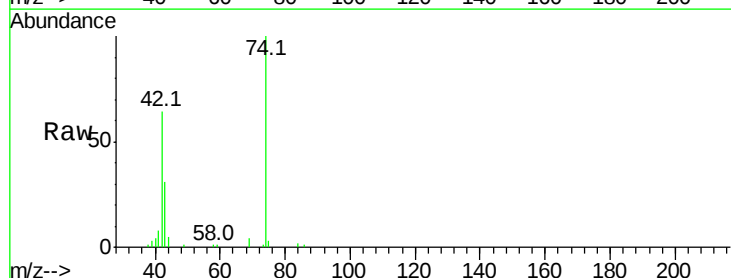
RT: 2.87 min Scan# 159

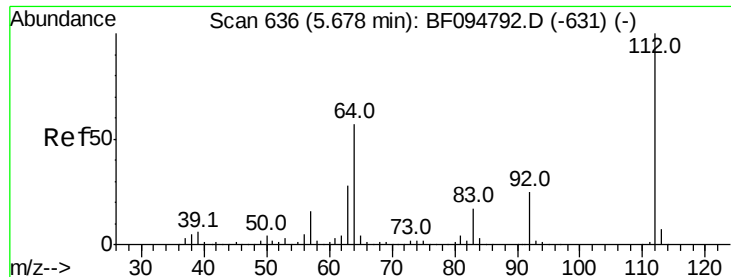
Delta R.T. 0.06 min

Lab File: BF095500.D

Acq: 27 May 2017 14:11

Tgt Ion:	42	Resp:	89367
Ion Ratio	Lower	Upper	
42	100		
74	156.2	103.9	155.9#
44	7.1	5.7	8.5





#5

2-Fluorophenol

Concen: 145.85 ng

RT: 5.71 min Scan# 642

Delta R.T. 0.01 min

Lab File: BF095500.D

Acq: 27 May 2017 14:11

Instrument :

BNA_F

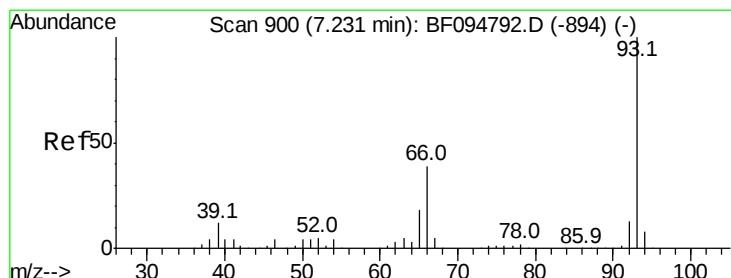
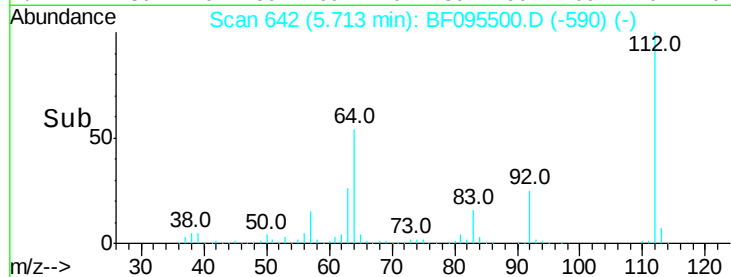
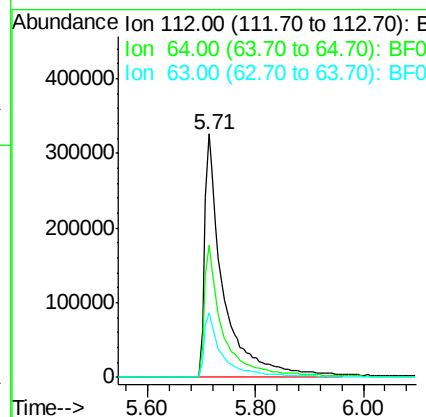
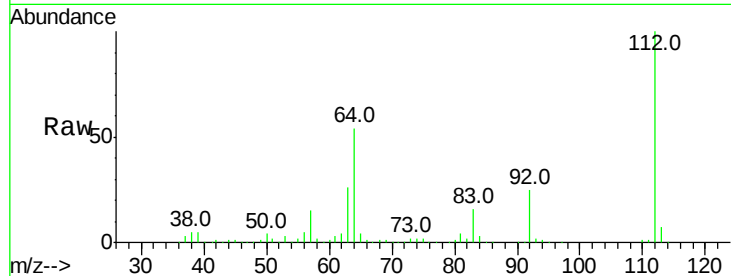
ClientSampleId :

PB99295BS

Tot Ion:	112	Resp:	783163
Ion Ratio	Lower	Upper	
112	100		
64	54.1	46.0	69.0
63	26.2	23.4	35.0

Manual Integrations
APPROVED

mohammad
5/31/2017 1:00:14 PM



#6

Aniline

Concen: 27.66 ng

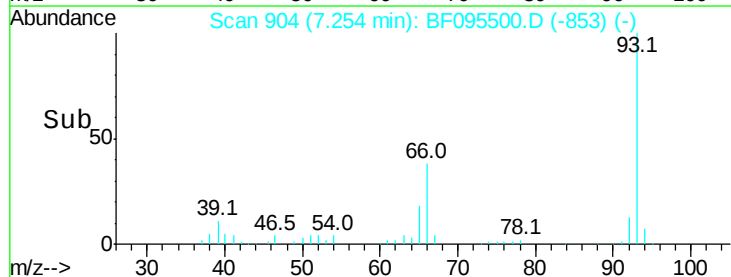
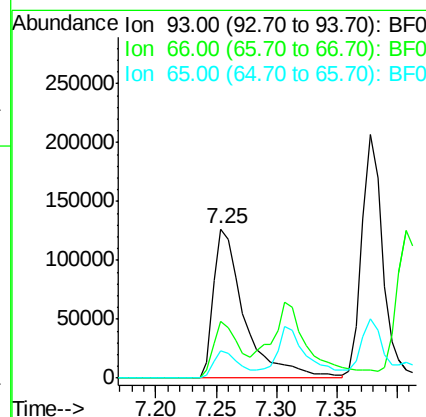
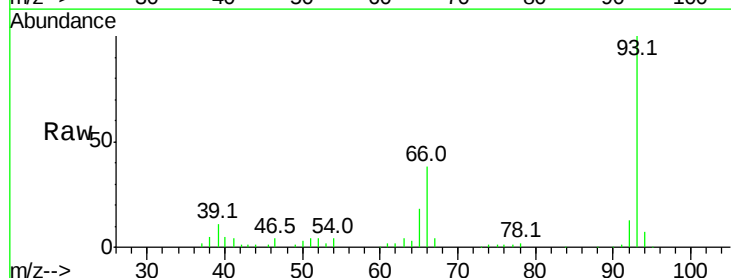
RT: 7.25 min Scan# 904

Delta R.T. 0.00 min

Lab File: BF095500.D

Acq: 27 May 2017 14:11

Tgt Ion:	93	Resp:	224994
Ion Ratio	Lower	Upper	
93	100		
66	38.3	32.9	49.3
65	18.3	16.0	24.0





#7

Phenol-d6

Concen: 138.49 ng

RT: 7.30 min Scan# 911

Delta R.T. 0.00 min

Lab File: BF095500.D

Acq: 27 May 2017 14:11

Instrument :

BNA_F

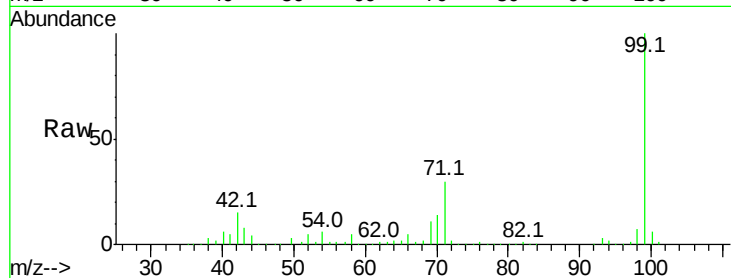
ClientSampleId :

PB99295BS

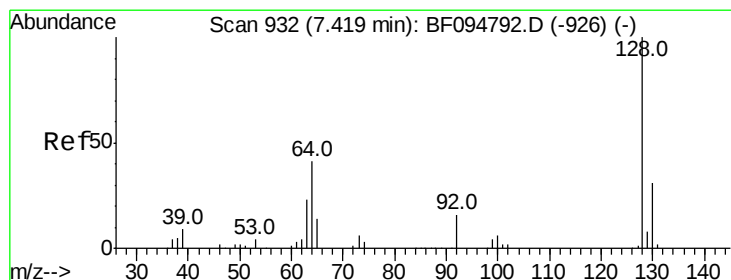
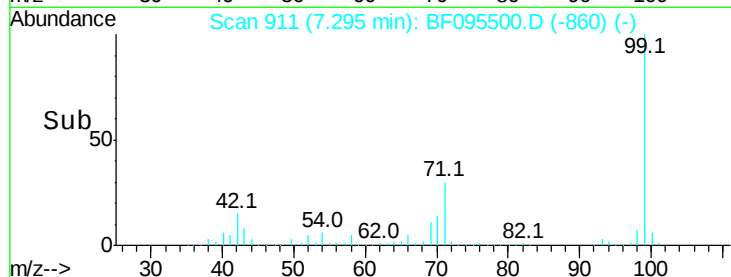
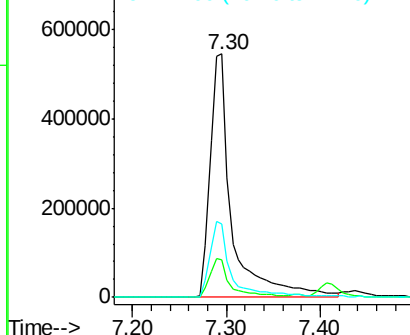
Tot Ion:	99	Resp:	892200
Ion Ratio	Lower	Upper	
99	100		
42	15.3	13.5	20.3
71	29.9	24.5	36.7

Manual Integrations
APPROVED

mohammad
5/31/2017 1:00:14 PM



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: 46.00 ng

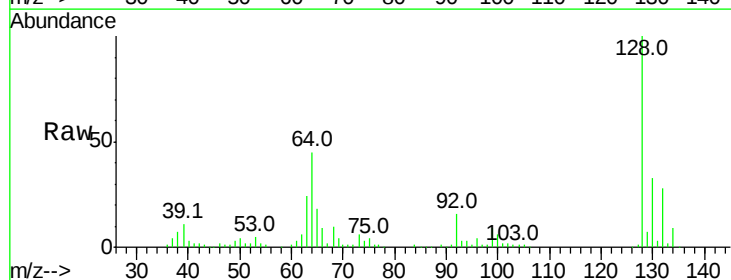
RT: 7.44 min Scan# 935

Delta R.T. -0.01 min

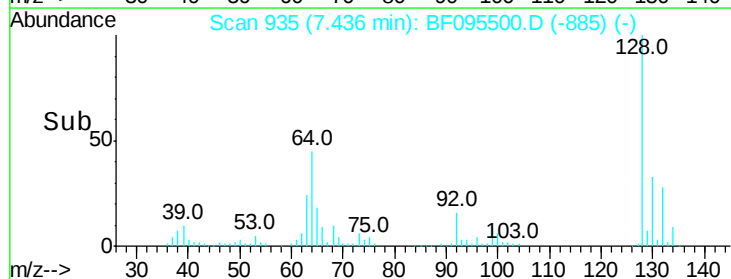
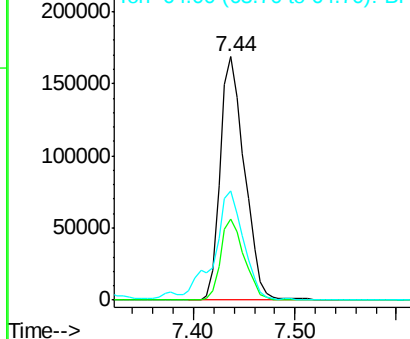
Lab File: BF095500.D

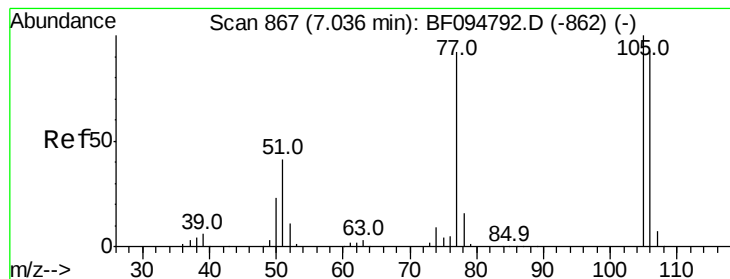
Acq: 27 May 2017 14:11

Tgt Ion:	128	Resp:	281109
Ion Ratio	Lower	Upper	
128	100		
130	33.2	12.9	52.9
64	44.6	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: 11.93 ng

RT: 7.10 min Scan# 877

Delta R.T. 0.02 min

Lab File: BF095500.D

Acq: 27 May 2017 14:11

Instrument :

BNA_F

ClientSampleID :

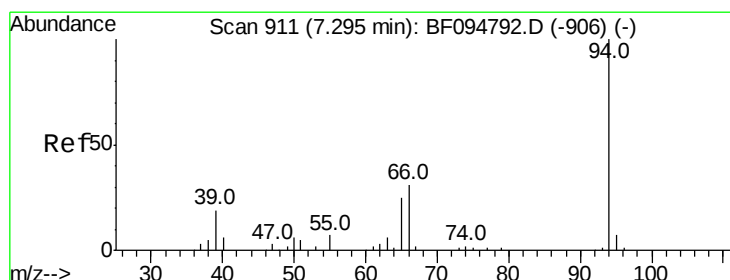
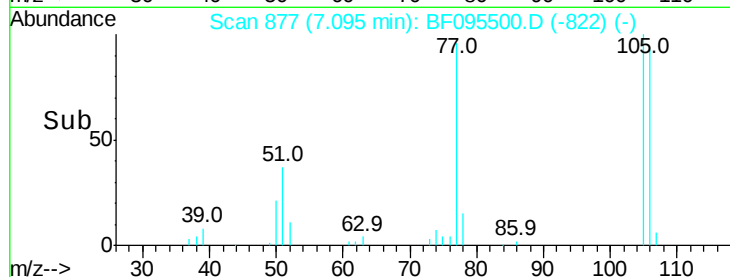
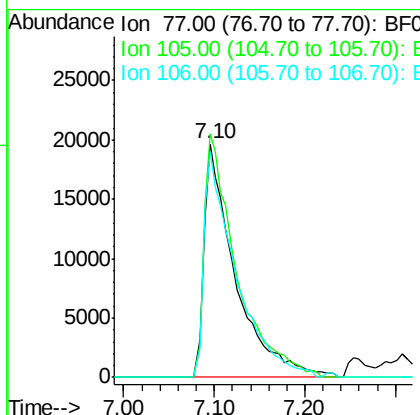
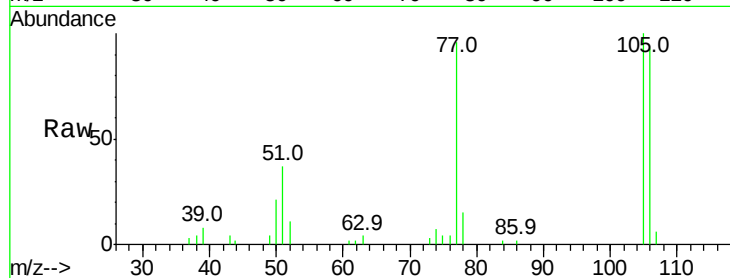
PB99295BS

Tot Ion: 77 Resp: 46943

Ion	Ratio	Lower	Upper
77	100		
105	104.3	83.8	123.8
106	96.8	79.1	119.1

Manual Integrations
APPROVED

mohammad
5/31/2017 1:00:14 PM



#10

Phenol

Concen: 50.33 ng

RT: 7.31 min Scan# 913

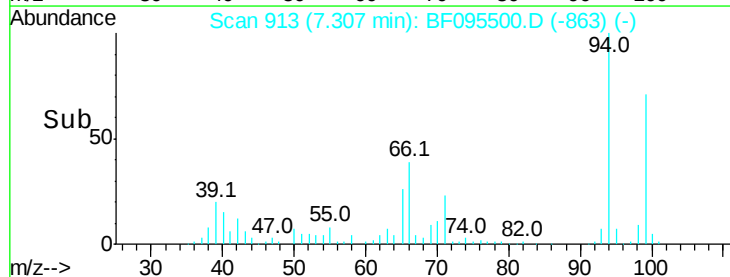
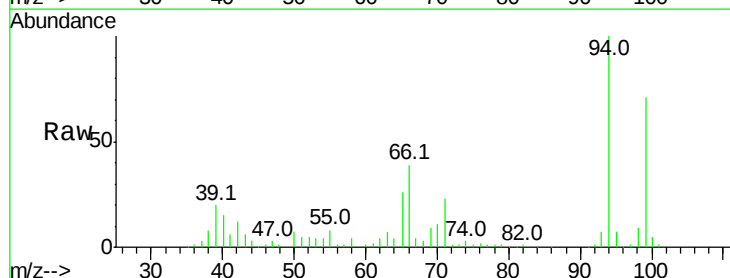
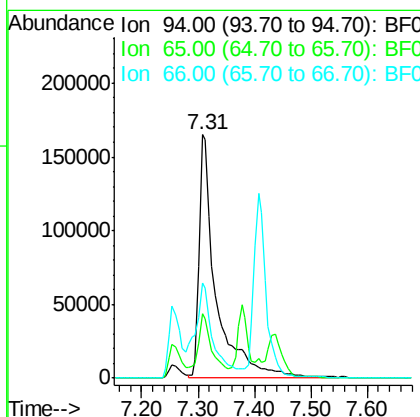
Delta R.T. -0.01 min

Lab File: BF095500.D

Acq: 27 May 2017 14:11

Tgt Ion: 94 Resp: 341664

Ion	Ratio	Lower	Upper
94	100		
65	26.3	9.9	49.9
66	38.9	23.1	63.1





#11

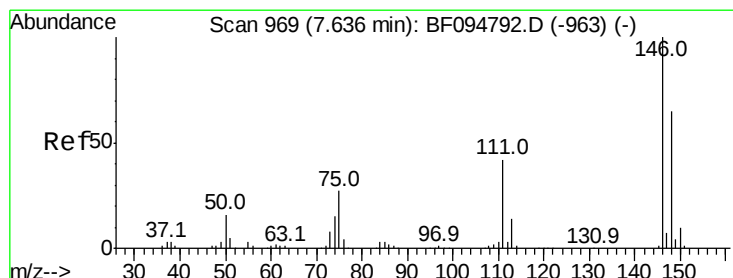
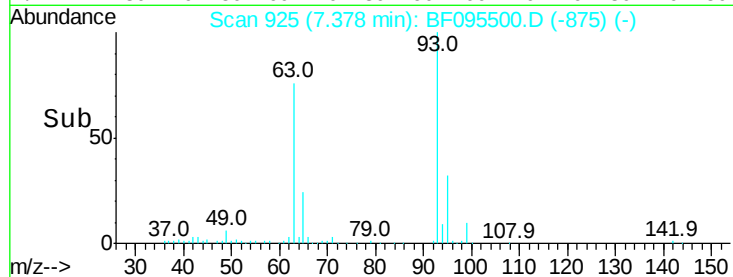
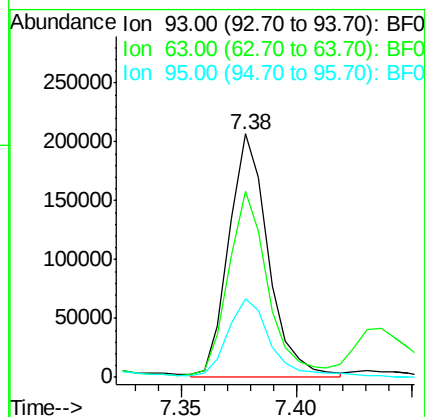
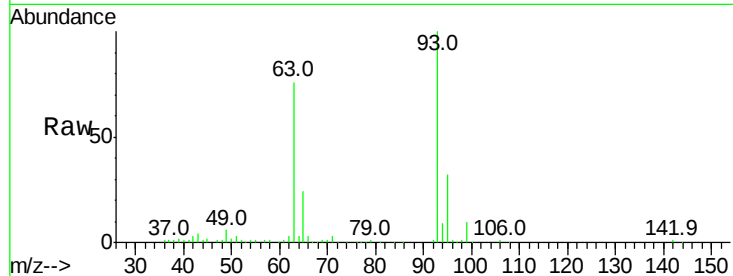
bis(2-Chloroethyl)ether
Concen: 43.75 ng
RT: 7.38 min Scan# 925
Delta R.T. -0.01 min
Lab File: BF095500.D
Acq: 27 May 2017 14:11

Instrument :
BNA_F
ClientSampleId :
PB99295BS

Tot Ion	93	Resp	245216
Ion Ratio	Lower	Upper	
93	100		
63	76.4	59.2	99.2
95	32.2	12.8	52.8

Manual Integrations
APPROVED

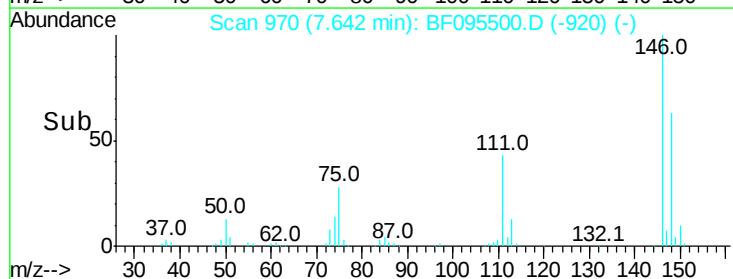
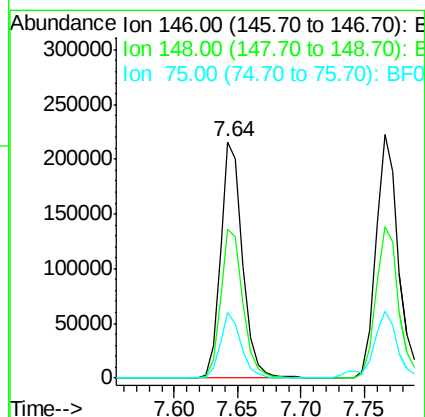
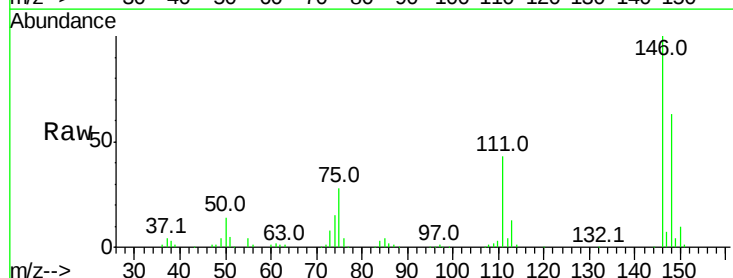
mohammad
5/31/2017 1:00:14 PM

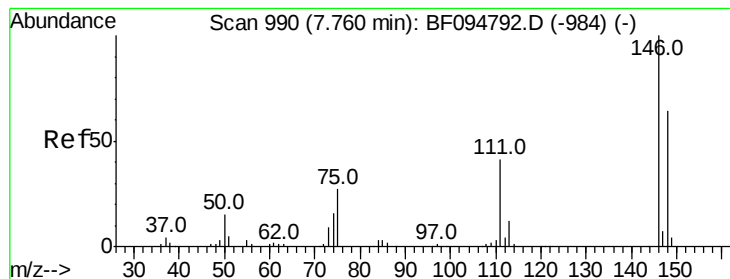


#12

1,3-Dichlorobenzene
Concen: 37.39 ng
RT: 7.64 min Scan# 970
Delta R.T. -0.01 min
Lab File: BF095500.D
Acq: 27 May 2017 14:11

Tgt Ion	146	Resp	259206
Ion Ratio	Lower	Upper	
146	100		
148	62.8	51.8	77.6
75	27.8	23.1	34.7





#13

1,4-Dichlorobenzene

Concen: 39.49 ng

RT: 7.77 min Scan# 991

Delta R.T. -0.01 min

Lab File: BF095500.D

Acq: 27 May 2017 14:11

Instrument :

BNA_F

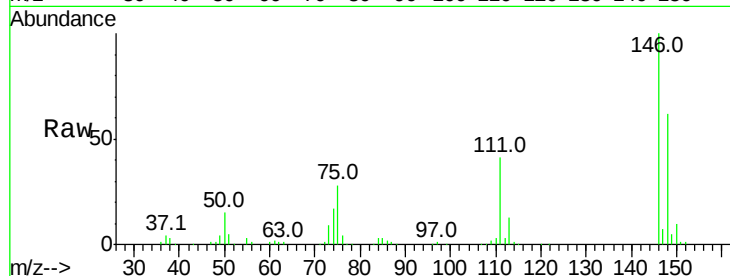
ClientSampleId :

PB99295BS

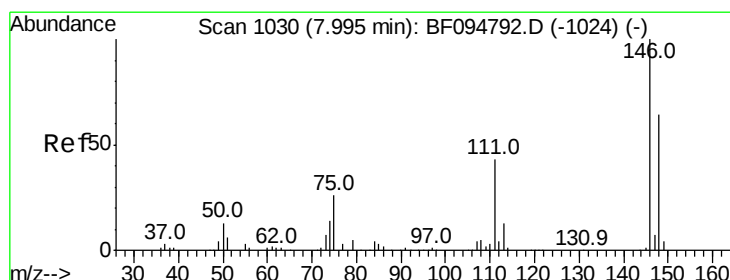
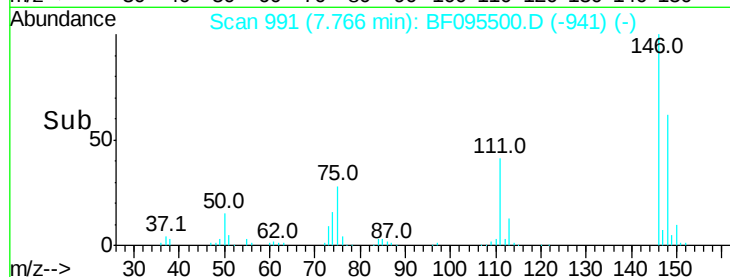
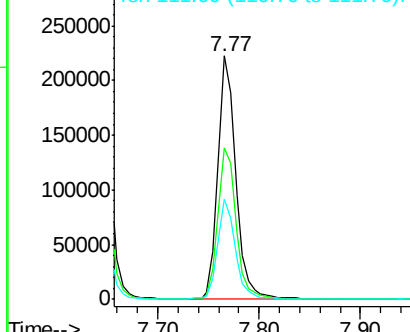
Tot Ion:	146	Resp:	277635
Ion Ratio	Lower	Upper	
146	100		
148	62.2	52.2	78.2
111	41.1	30.3	45.5

Manual Integrations
APPROVED

mohammad
5/31/2017 1:00:14 PM



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



#14

1,2-Dichlorobenzene

Concen: 42.51 ng

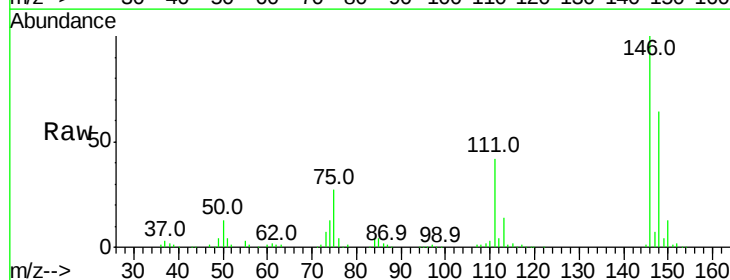
RT: 8.00 min Scan# 1031

Delta R.T. 0.00 min

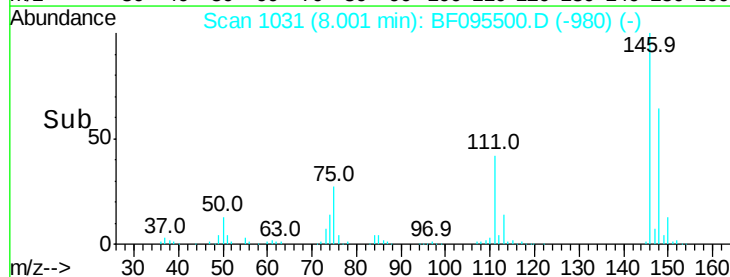
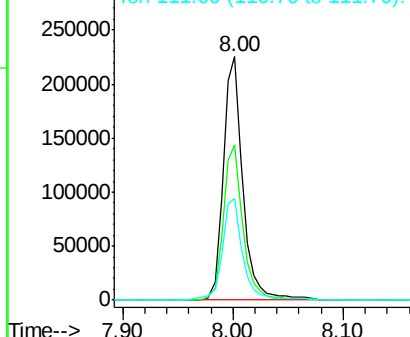
Lab File: BF095500.D

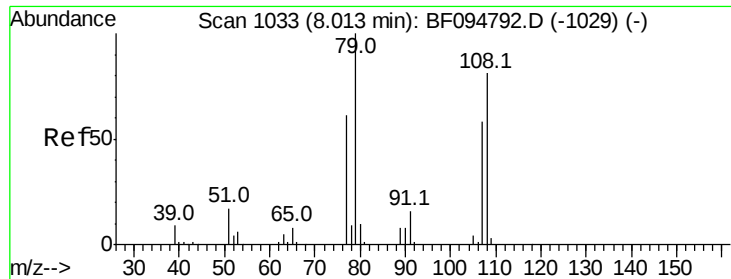
Acq: 27 May 2017 14:11

Tgt Ion:	146	Resp:	278975
Ion Ratio	Lower	Upper	
146	100		
148	64.0	50.4	75.6
111	41.8	38.2	57.4



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





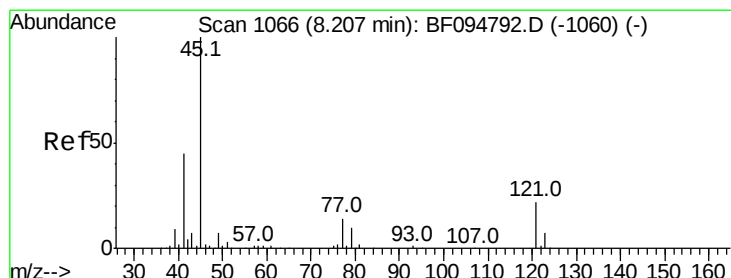
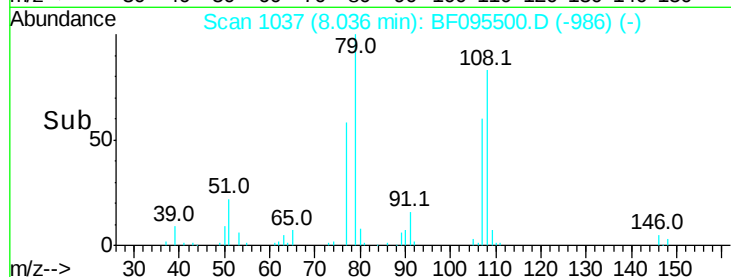
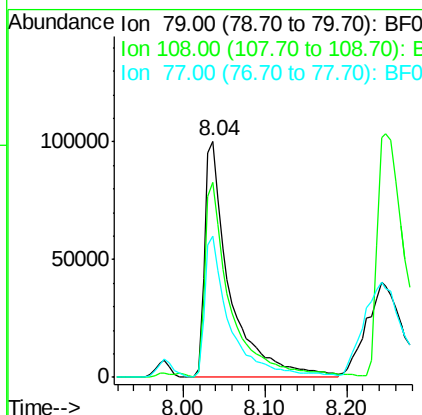
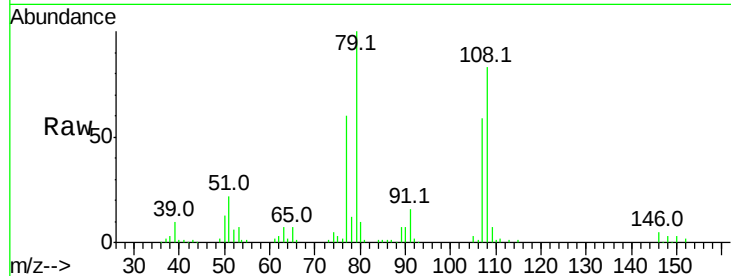
#15
Benzyl Alcohol
Concen: 51.77 ng
RT: 8.04 min Scan# 1037
Delta R.T. 0.00 min
Lab File: BF095500.D
Acq: 27 May 2017 14:11

Instrument :
BNA_F
ClientSampled :
PB99295BS

Tot Ion	Ratio	Lower	Upper
79	100		
108	82.5	63.4	95.0
77	59.5	49.2	73.8

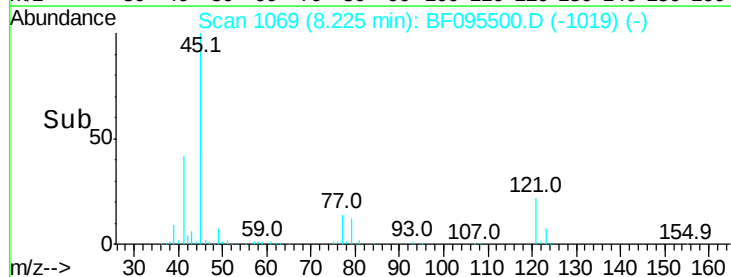
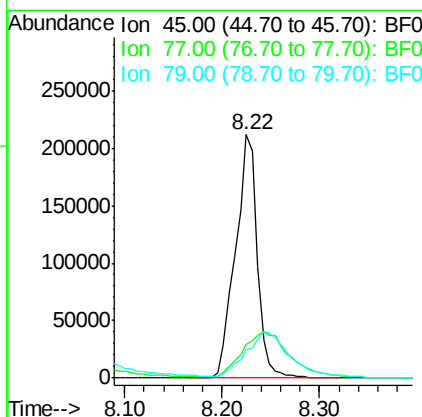
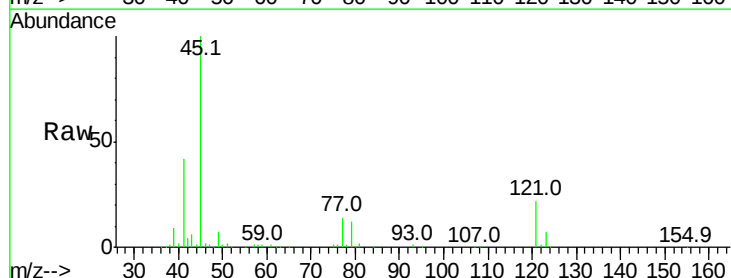
Manual Integrations
APPROVED

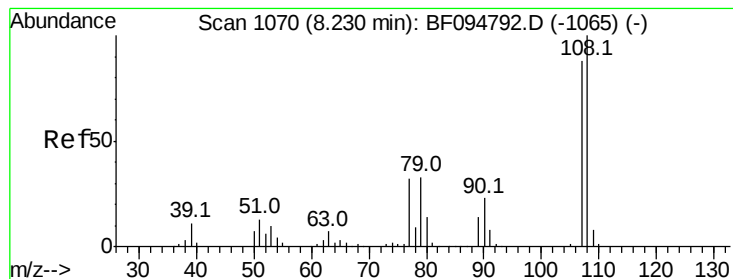
mohammad
5/31/2017 1:00:14 PM



#16
2,2'-oxybis(1-chloropropane)
Concen: 41.46 ng
RT: 8.22 min Scan# 1069
Delta R.T. -0.01 min
Lab File: BF095500.D
Acq: 27 May 2017 14:11

Tgt Ion	Ratio	Lower	Upper
45	100		
77	14.0	0.0	33.2
79	11.9	0.0	30.0





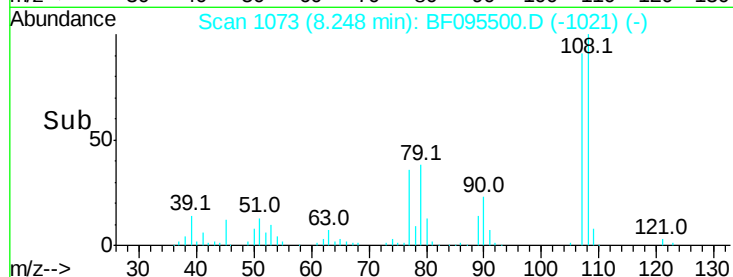
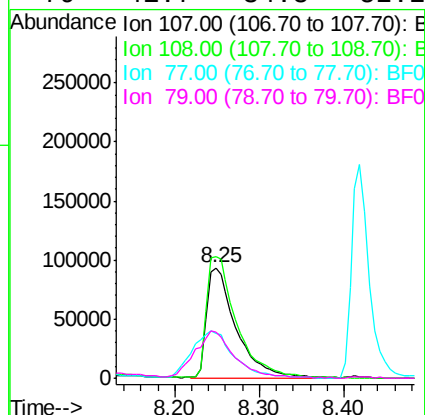
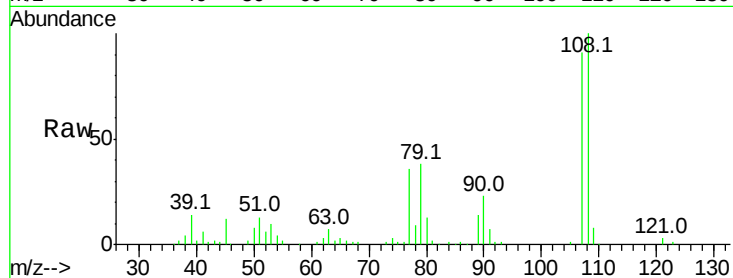
#17
2-Methylphenol
Concen: 45.05 ng
RT: 8.25 min Scan# 1073
Delta R.T. 0.01 min
Lab File: BF095500.D
Acq: 27 May 2017 14:11

Instrument :
BNA_F
ClientSampled :
PB99295BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
107	107	100			
108	110.5	93.4	140.0		
77	40.2	35.8	53.6		
79	41.7	34.8	52.2		

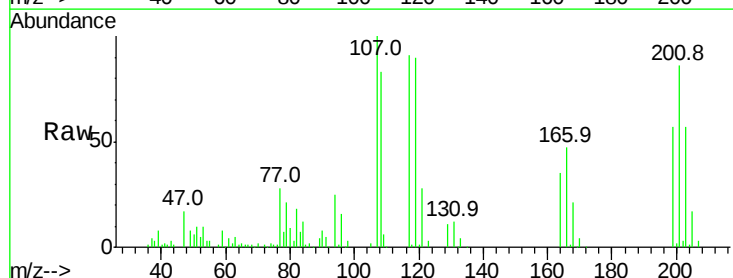
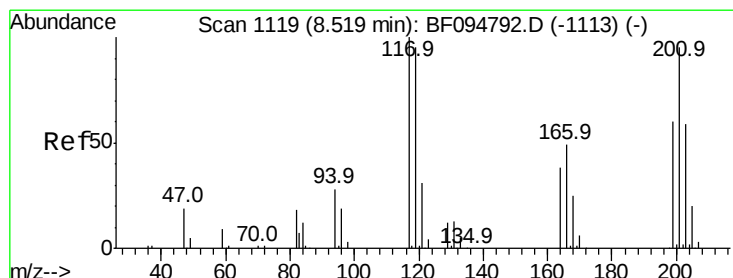
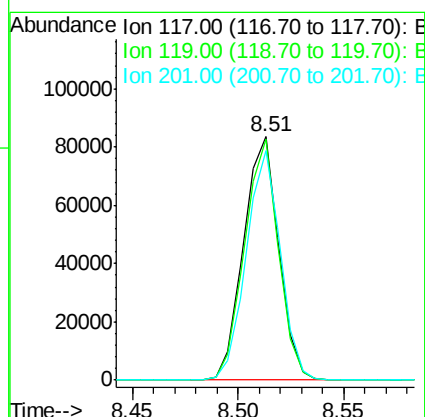
Manual Integrations
APPROVED

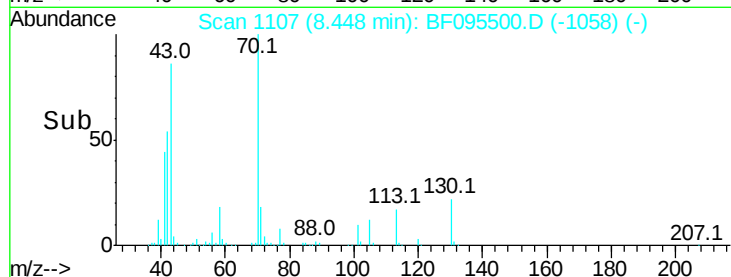
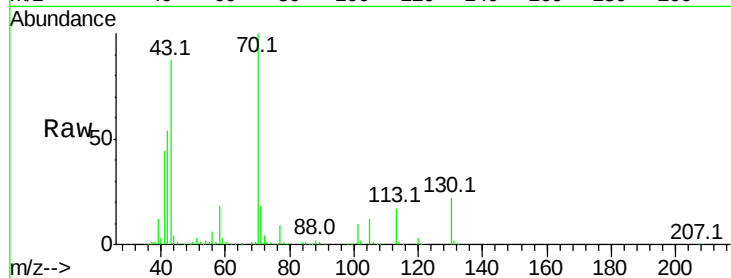
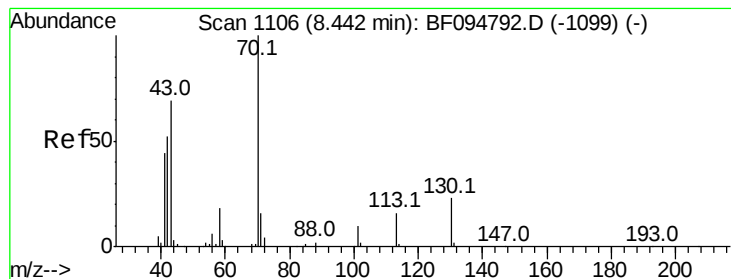
mohammad
5/31/2017 1:00:14 PM



#18
Hexachloroethane
Concen: 40.58 ng
RT: 8.51 min Scan# 1118
Delta R.T. -0.01 min
Lab File: BF095500.D
Acq: 27 May 2017 14:11

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
117	117	100			
119	98.8	77.4	116.0		
201	94.4	94.6	141.8#		





#19

n-Nitroso-di-n-propylamine

Concen: 43.61 ng

RT: 8.45 min Scan# 1107

Delta R.T. -0.01 min

Lab File: BF095500.D

Acq: 27 May 2017 14:11

Instrument :

BNA_F

ClientSampleId :

PB99295BS

Tot Ion: 70 Resp: 190028

Ion Ratio Lower Upper

70 100

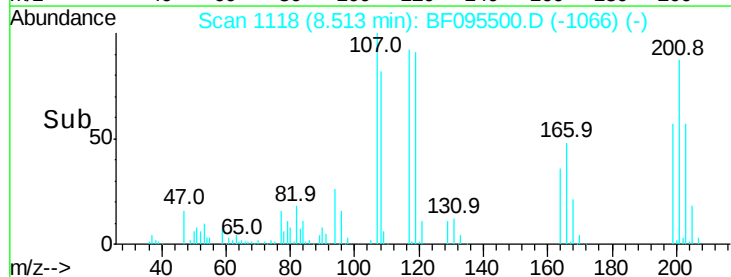
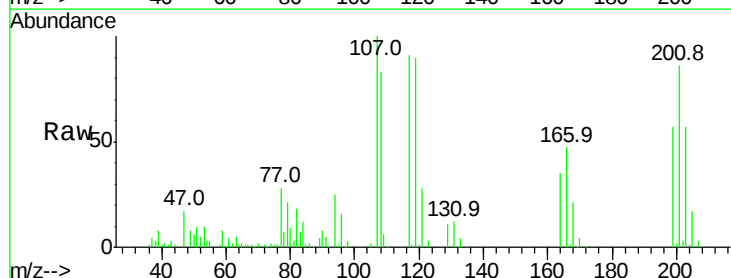
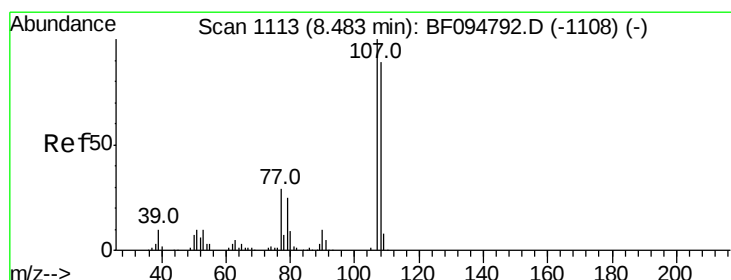
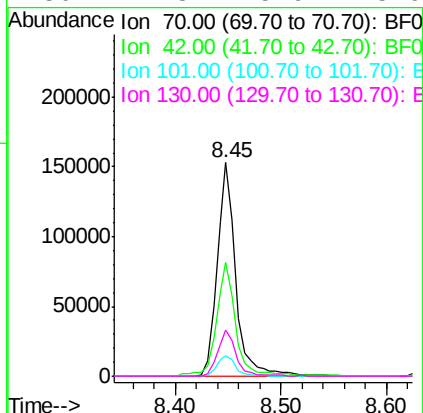
42 53.5 47.2 70.8

101 9.6 7.2 10.8

130 21.8 15.9 23.9

Manual Integrations
APPROVED

mohammad
5/31/2017 1:00:14 PM



#20

3+4-Methylphenols

Concen: 42.76 ng

RT: 8.51 min Scan# 1118

Delta R.T. 0.01 min

Lab File: BF095500.D

Acq: 27 May 2017 14:11

Tgt Ion: 107 Resp: 290615

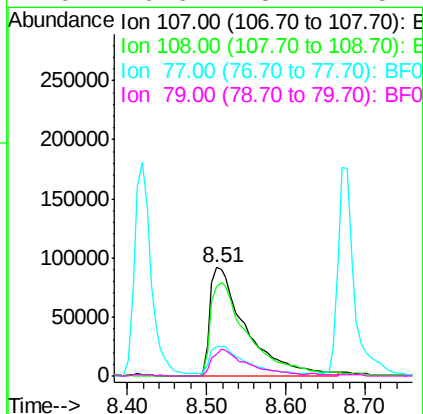
Ion Ratio Lower Upper

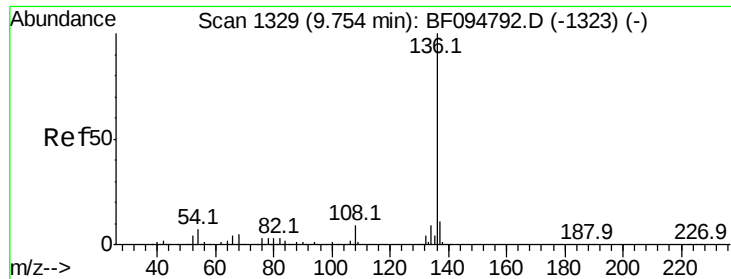
107 100

108 83.0 71.0 111.0

77 27.7 90.5 130.5#

79 20.6 8.4 48.4





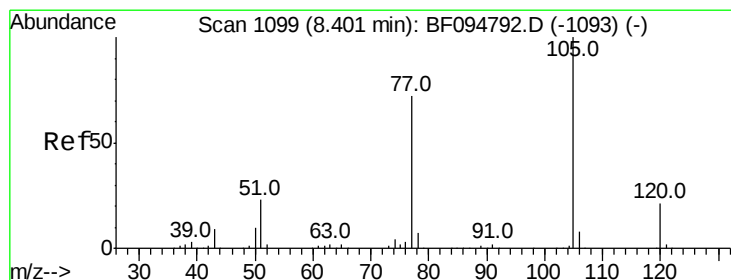
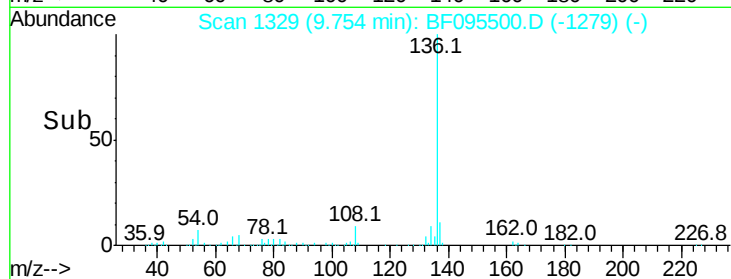
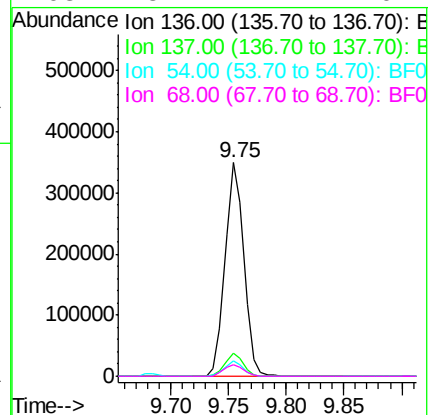
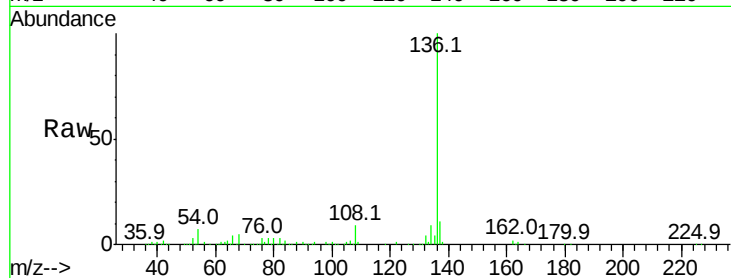
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 9.75 min Scan# 1329
Delta R.T. -0.01 min
Lab File: BF095500.D
Acq: 27 May 2017 14:11

Instrument :
BNA_F
ClientSampleId :
PB99295BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	394208		
137	11.0		8.5	12.7
54	7.0		4.9	7.3
68	5.4		4.1	6.1

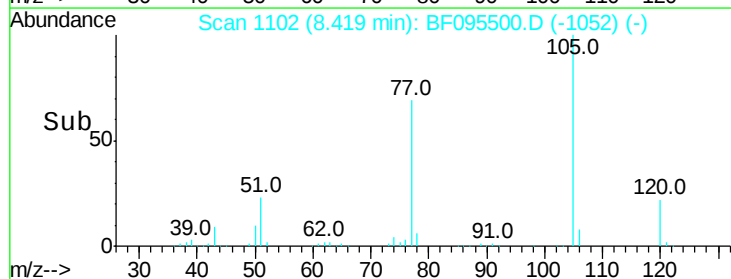
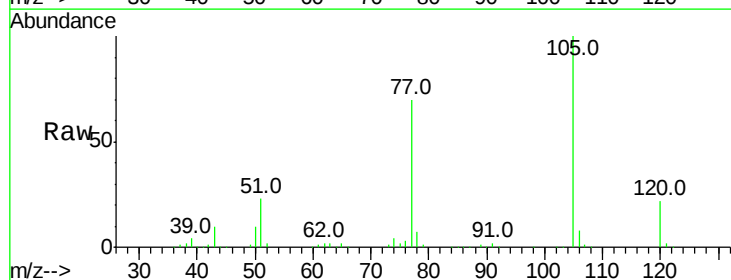
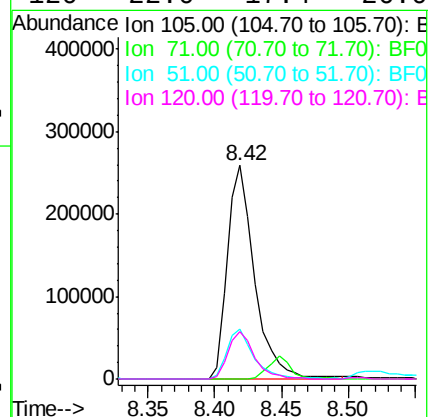
Manual Integrations
APPROVED

mohammad
5/31/2017 1:00:14 PM



#22
Acetophenone
Concen: 39.52 ng
RT: 8.42 min Scan# 1102
Delta R.T. -0.01 min
Lab File: BF095500.D
Acq: 27 May 2017 14:11

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	373781		
71	0.0		2.8	4.2#
51	23.1		30.7	46.1#
120	22.0		17.4	26.0





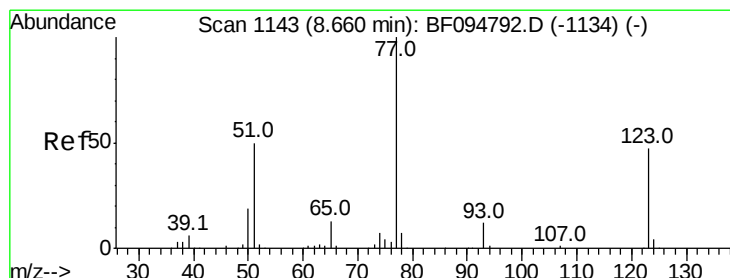
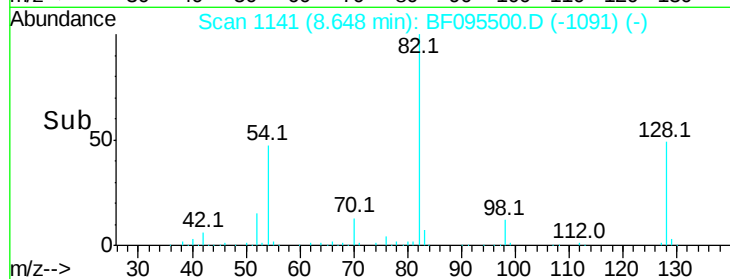
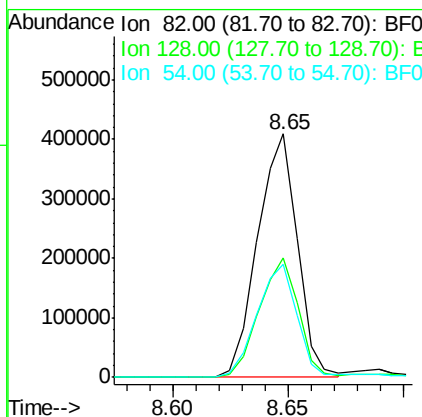
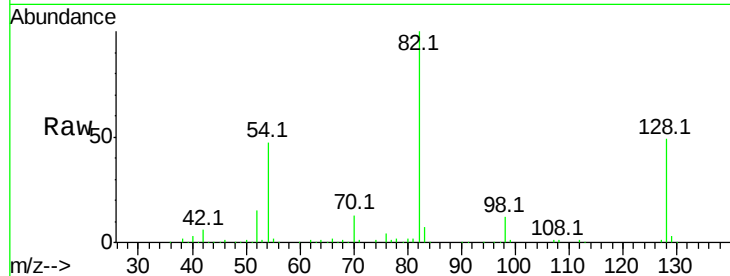
#23
 Nitrobenzene-d5
 Concen: 78.44 ng
 RT: 8.65 min Scan# 1141
 Delta R.T. -0.01 min
 Lab File: BF095500.D
 Acq: 27 May 2017 14:11

Instrument :
 BNA_F
 ClientSampled :
 PB99295BS

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	49.1	34.0	51.0	
54	46.6	42.2	63.2	

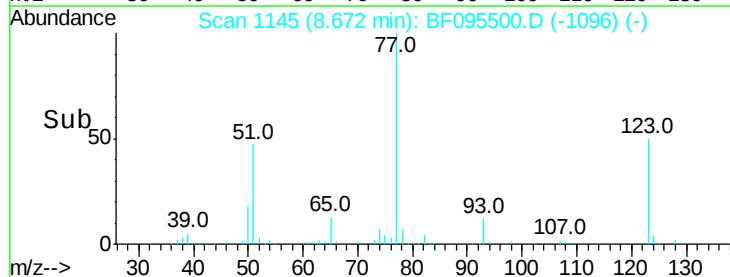
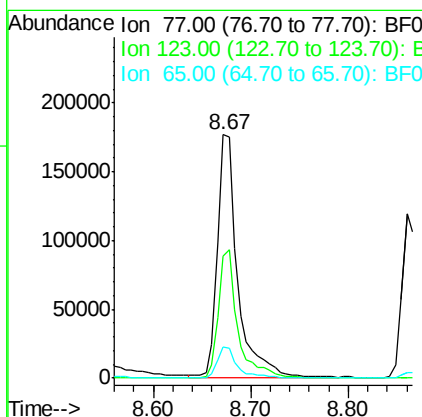
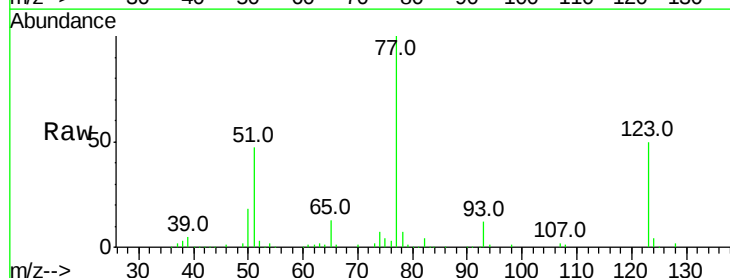
Manual Integrations
 APPROVED

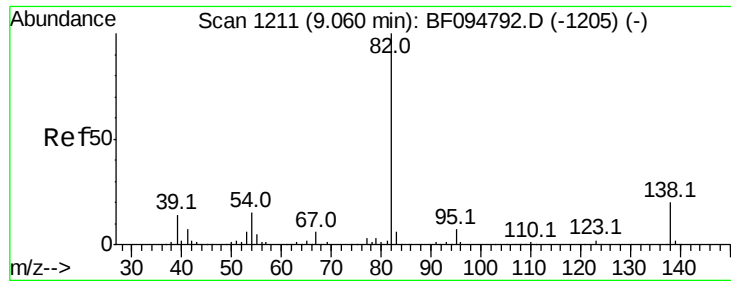
mohammad
 5/31/2017 1:00:14 PM



#24
 Nitrobenzene
 Concen: 38.84 ng
 RT: 8.67 min Scan# 1145
 Delta R.T. -0.01 min
 Lab File: BF095500.D
 Acq: 27 May 2017 14:11

Tgt Ion	Ratio	Resp	Lower	Upper
77	100			
123	49.9	35.8	53.8	
65	12.9	10.6	15.8	





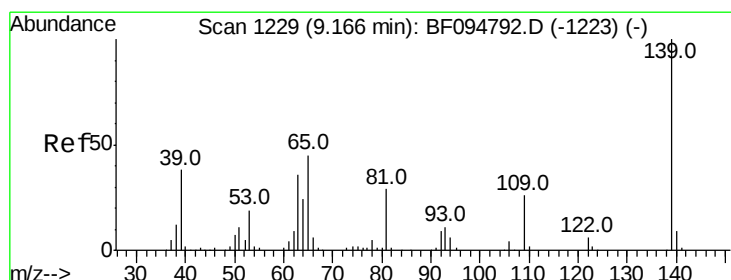
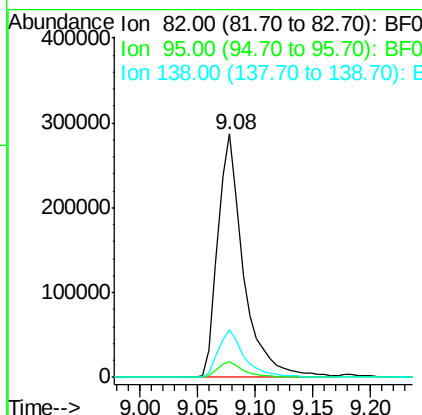
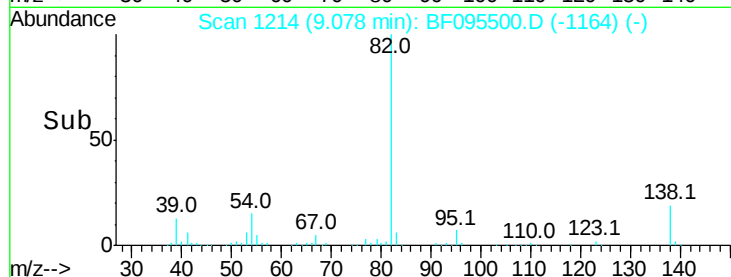
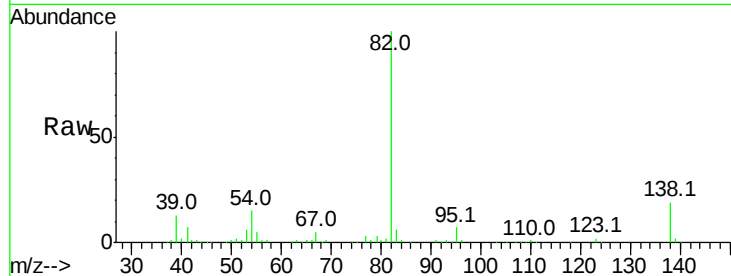
#25
Isophorone
Concen: 39.88 ng
RT: 9.08 min Scan# 1214
Delta R.T. -0.01 min
Lab File: BF095500.D
Acq: 27 May 2017 14:11

Instrument :
BNA_F
ClientSampleId :
PB99295BS

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
95	6.6	5.3	7.9	
138	19.4	13.1	19.7	

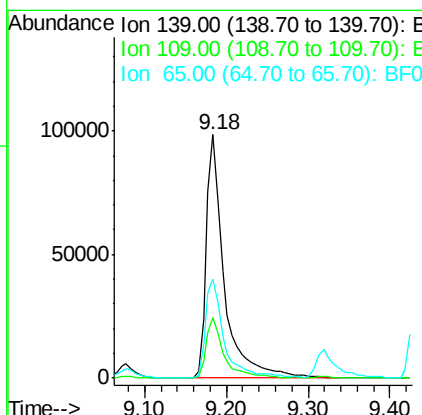
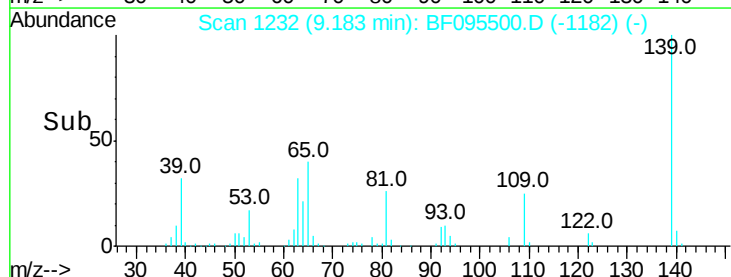
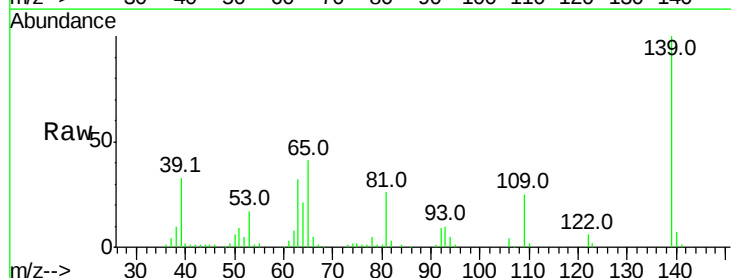
Manual Integrations
APPROVED

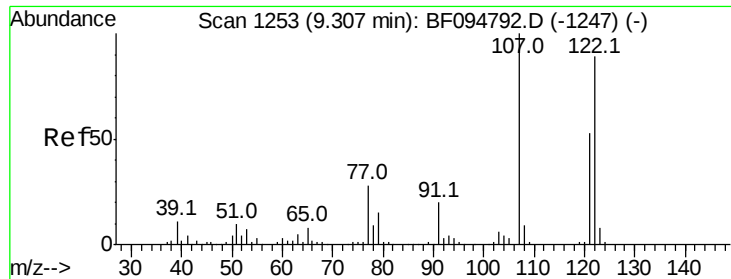
mohammad
5/31/2017 1:00:14 PM



#26
2-Nitrophenol
Concen: 42.75 ng
RT: 9.18 min Scan# 1232
Delta R.T. -0.01 min
Lab File: BF095500.D
Acq: 27 May 2017 14:11

Tgt Ion	Ratio	Resp	Lower	Upper
139	100			
109	24.9	21.0	31.6	
65	40.7	33.0	49.6	





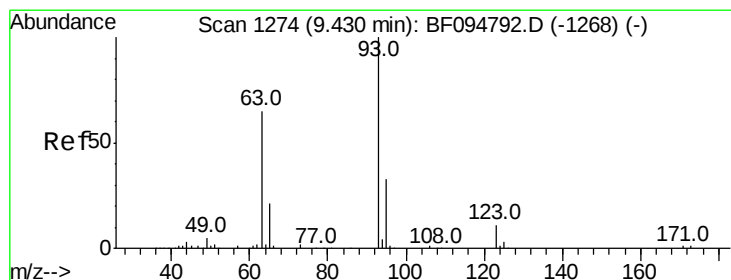
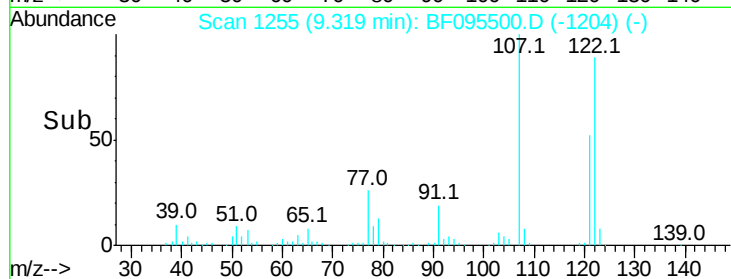
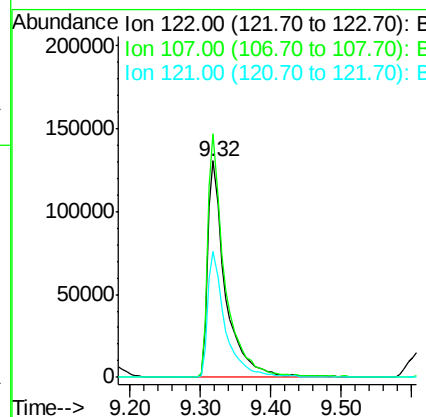
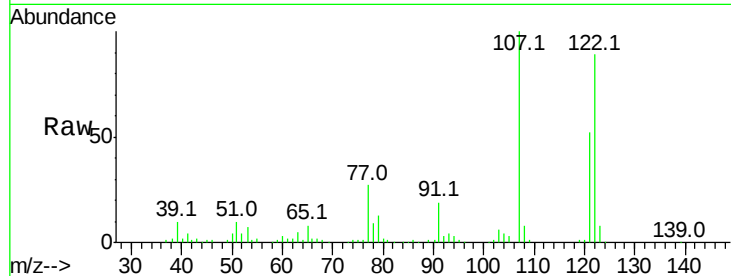
#27
2,4-Dimethylphenol
Concen: 39.61 ng
RT: 9.32 min Scan# 1255
Delta R.T. 0.00 min
Lab File: BF095500.D
Acq: 27 May 2017 14:11

Instrument :
BNA_F
ClientSampleId :
PB99295BS

Tot Ion	Ratio	Resp	Lower	Upper
122	100	226411		
107	112.5	89.2	133.8	
121	58.1	45.2	67.8	

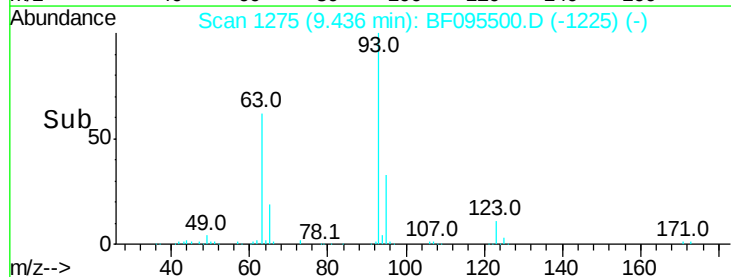
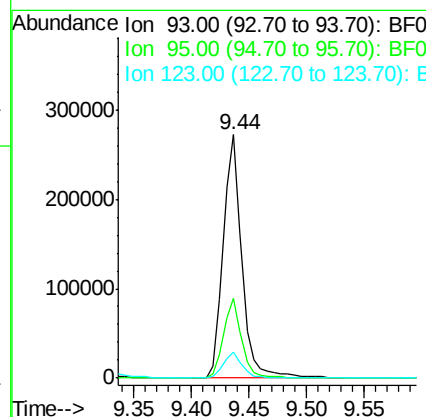
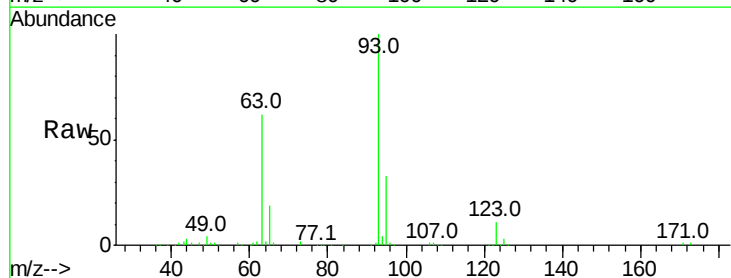
Manual Integrations
APPROVED

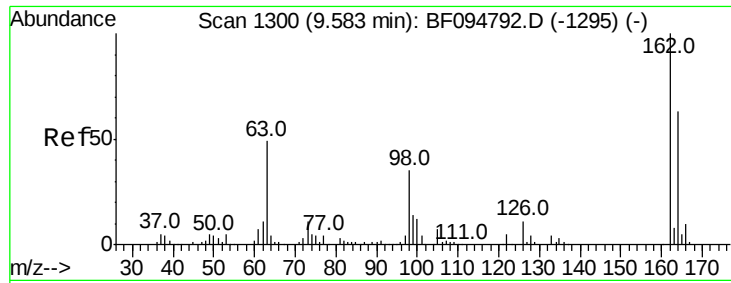
mohammad
5/31/2017 1:00:14 PM



#28
bis(2-Chloroethoxy)methane
Concen: 39.75 ng
RT: 9.44 min Scan# 1275
Delta R.T. -0.01 min
Lab File: BF095500.D
Acq: 27 May 2017 14:11

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	306926		
95	32.7	26.5	39.7	
123	10.8	9.0	13.4	





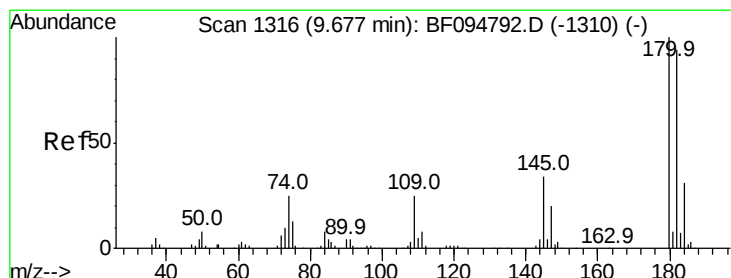
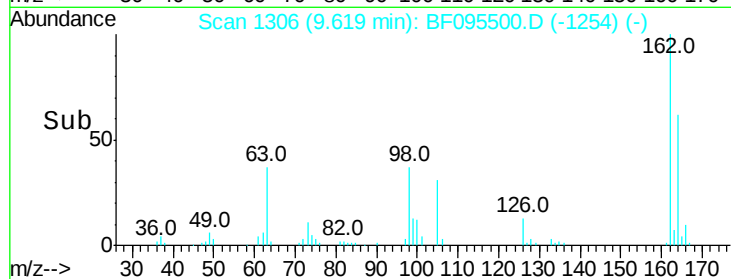
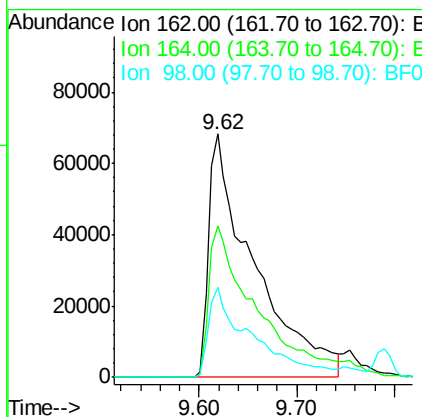
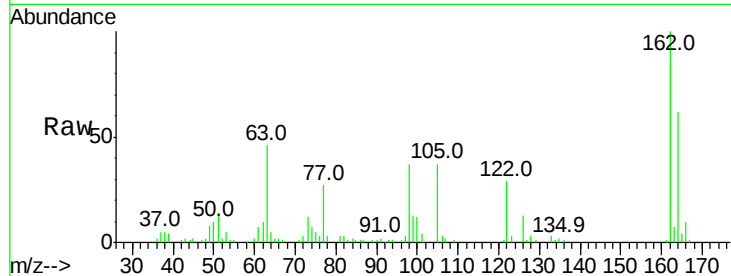
#29
 2,4-Dichlorophenol
 Concen: 40.58 ng
 RT: 9.62 min Scan# 1306
 Delta R.T. 0.01 min
 Lab File: BF095500.D
 Acq: 27 May 2017 14:11

Instrument :
 BNA_F
 ClientSampleId :
 PB99295BS

Tot Ion	Ratio	Resp Lower	Upper
162	100		
164	62.1	44.6	84.6
98	37.0	14.8	54.8

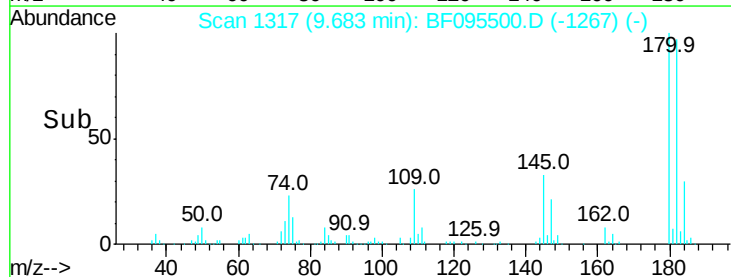
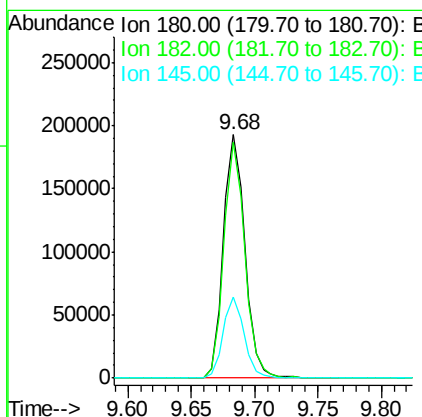
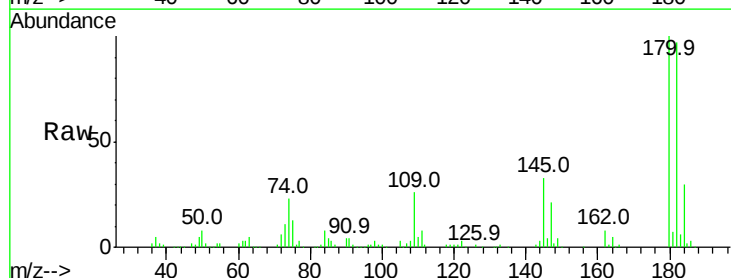
Manual Integrations
 APPROVED

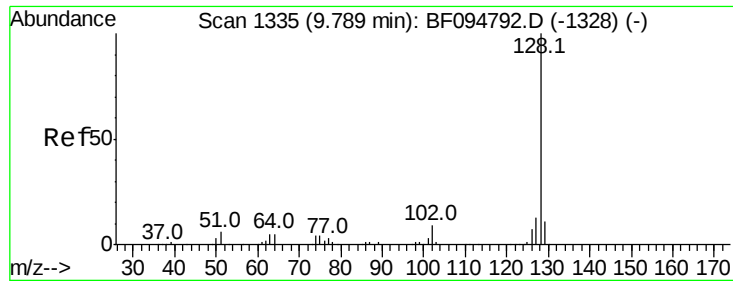
mohammad
 5/31/2017 1:00:14 PM



#30
 1,2,4-Trichlorobenzene
 Concen: 39.43 ng
 RT: 9.68 min Scan# 1317
 Delta R.T. -0.01 min
 Lab File: BF095500.D
 Acq: 27 May 2017 14:11

Tgt Ion	Ratio	Resp Lower	Upper
180	100		
182	96.8	75.8	113.6
145	33.4	25.3	37.9





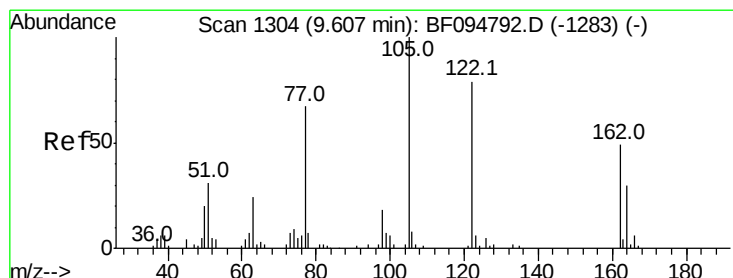
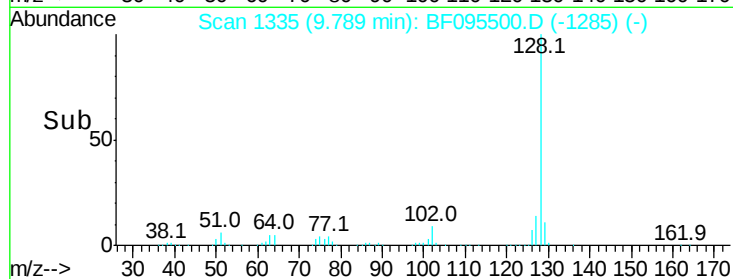
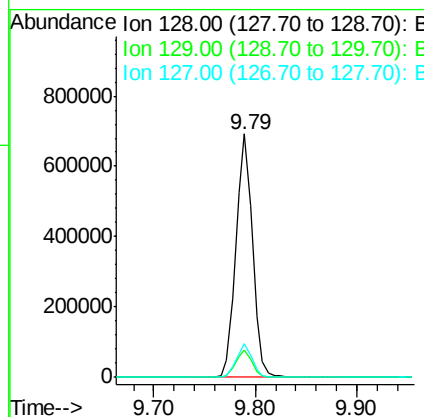
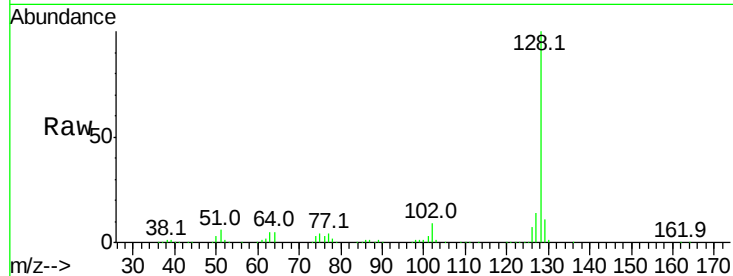
#31
Naphthalene
Concen: 39.75 ng
RT: 9.79 min Scan# 1335
Delta R.T. -0.01 min
Lab File: BF095500.D
Acq: 27 May 2017 14:11

Instrument :
BNA_F
ClientSampleId :
PB99295BS

Tot Ion:128	Resp:	787655
Ion Ratio	Lower	Upper
128 100		
129 11.0	9.0	13.6
127 13.6	10.8	16.2

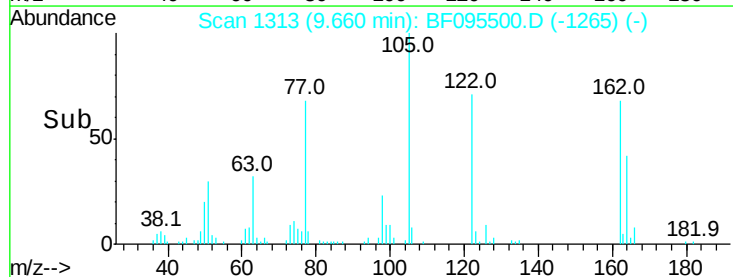
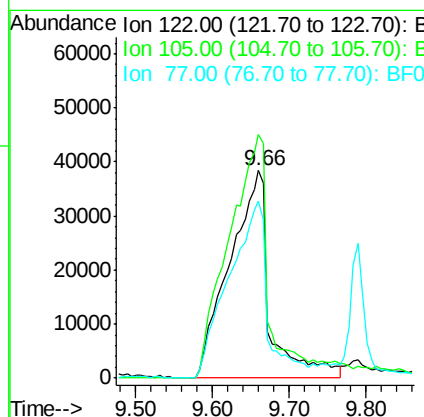
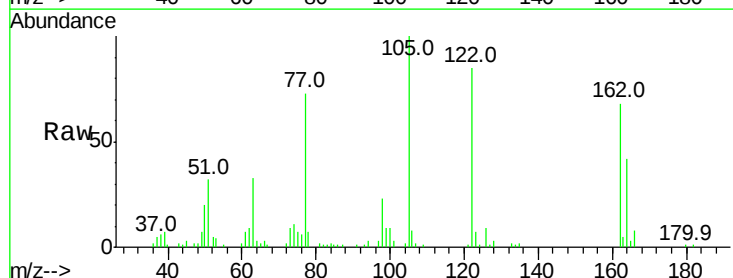
Manual Integrations
APPROVED

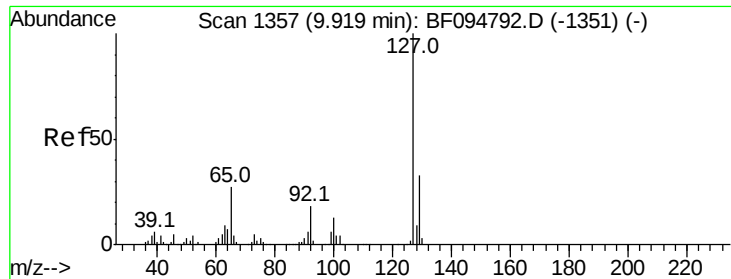
mohammad
5/31/2017 1:00:14 PM



#32
Benzoic acid
Concen: 38.18 ng
RT: 9.66 min Scan# 1313
Delta R.T. -0.02 min
Lab File: BF095500.D
Acq: 27 May 2017 14:11

Tgt Ion:122	Resp:	138937
Ion Ratio	Lower	Upper
122 100		
105 117.5	103.3	143.3
77 85.6	73.7	113.7





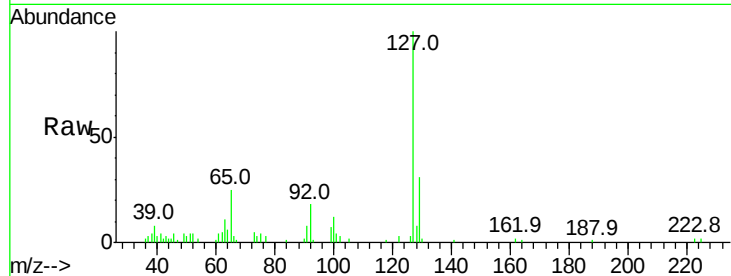
#33
4-Chloroaniline
Concen: 11.35 ng
RT: 9.98 min Scan# 1367
Delta R.T. 0.04 min
Lab File: BF095500.D
Acq: 27 May 2017 14:11

Instrument :
BNA_F
ClientSampleId :
PB99295BS

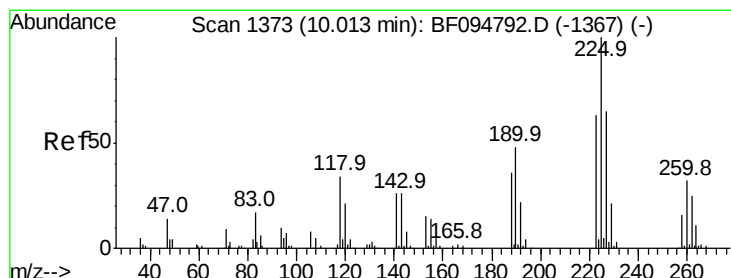
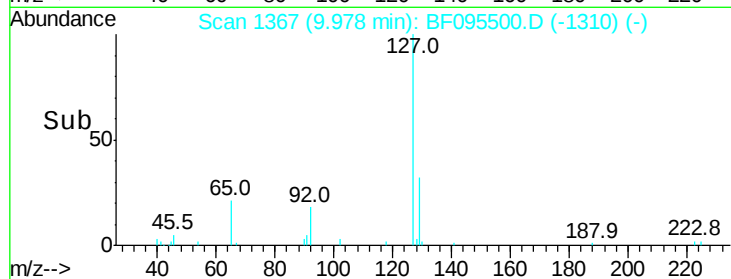
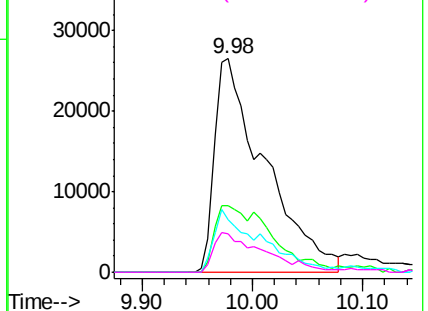
Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	31.0	26.2	39.2		
65	24.8	27.8	41.8		
92	17.8	16.8	25.2		

Manual Integrations
APPROVED

mohammad
5/31/2017 1:00:14 PM

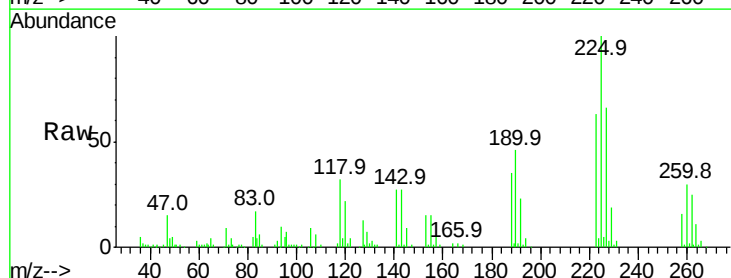


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

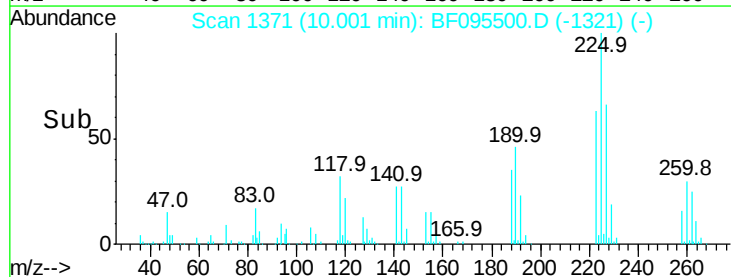
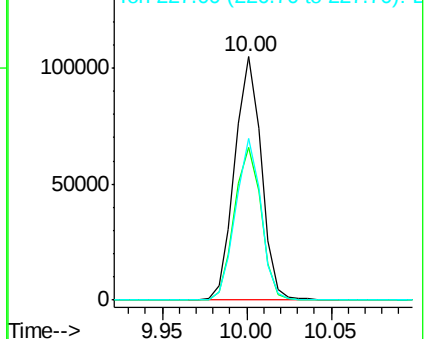


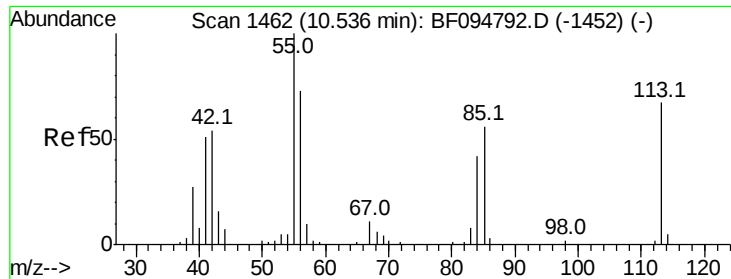
#34
Hexachlorobutadiene
Concen: 37.63 ng
RT: 10.00 min Scan# 1371
Delta R.T. -0.01 min
Lab File: BF095500.D
Acq: 27 May 2017 14:11

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	62.7	48.8	73.2		
227	66.3	51.1	76.7		



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





#35

Caprolactam

Concen: 45.33 ng/ml

RT: 10.58 min Scan# 1470

Delta R.T. -0.01 min

Lab File: BF095500.D

Acq: 27 May 2017 14:11

Instrument :

BNA_F

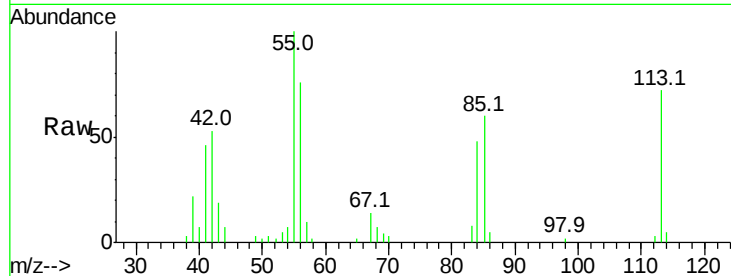
ClientSampleId :

PB99295BS

Tot Ion	Ratio	Lower	Upper
113	100		
55	138.8	150.2	190.2#
56	105.6	107.8	147.8#

Manual Integrations
APPROVED

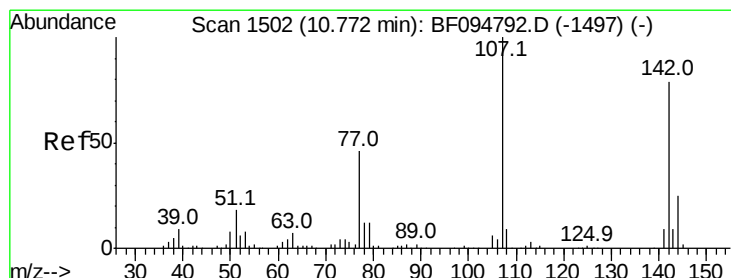
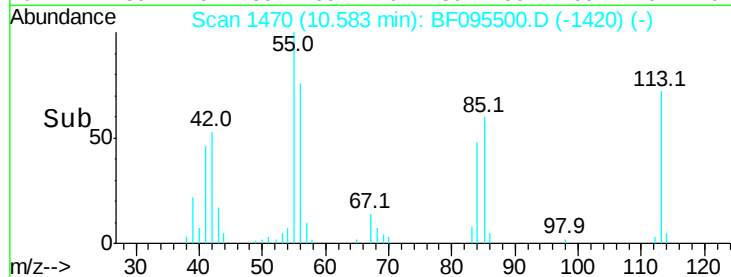
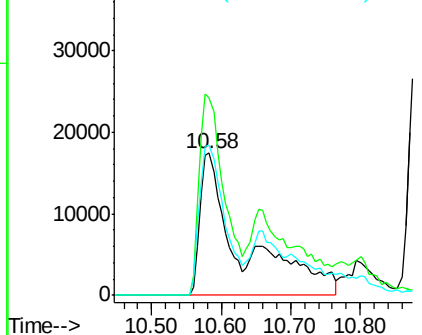
mohammad
5/31/2017 1:00:14 PM



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: 43.91 ng/ml

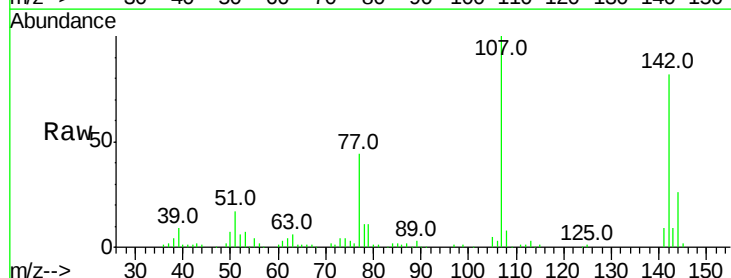
RT: 10.80 min Scan# 1507

Delta R.T. 0.00 min

Lab File: BF095500.D

Acq: 27 May 2017 14:11

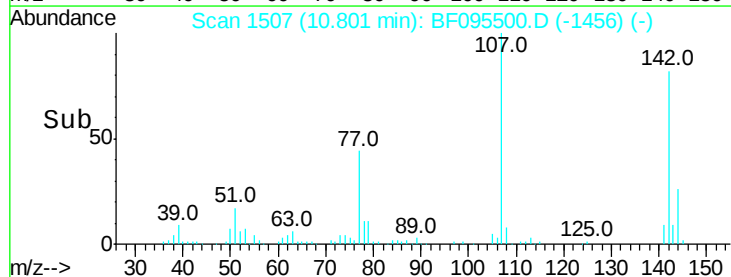
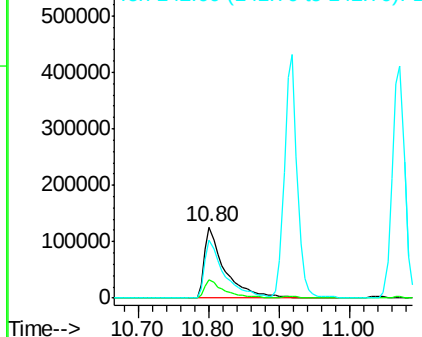
Tgt Ion	Ratio	Lower	Upper
107	100		
144	26.1	24.2	36.4
142	81.8	73.4	110.0

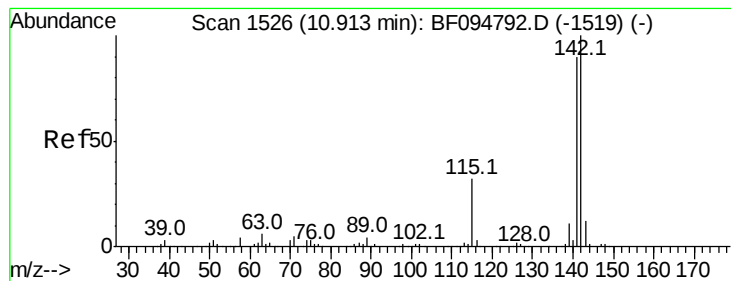


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





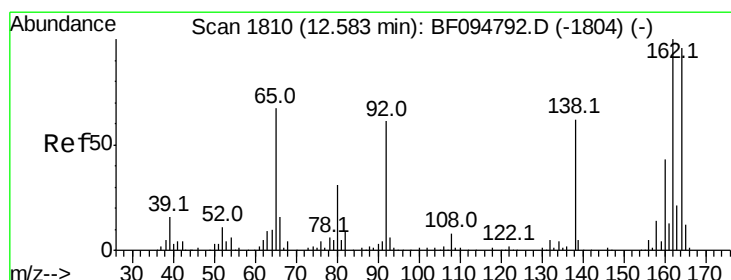
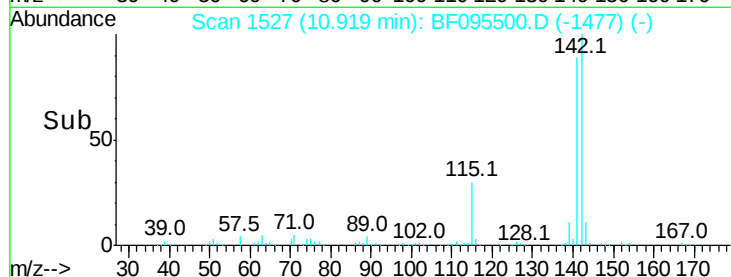
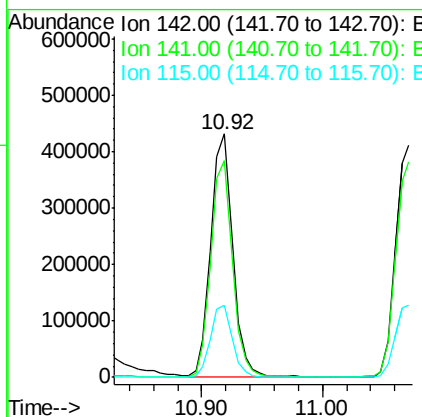
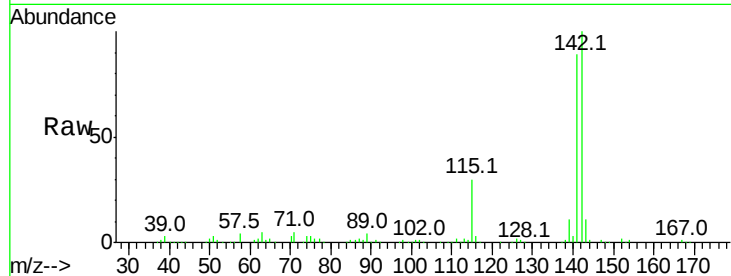
#37
2-Methylnaphthalene
Concen: 41.69 ng
RT: 10.92 min Scan# 1527
Delta R.T. -0.01 min
Lab File: BF095500.D
Acq: 27 May 2017 14:11

Instrument :
BNA_F
ClientSampleId :
PB99295BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.0	71.3	106.9
115	29.7	27.1	40.7

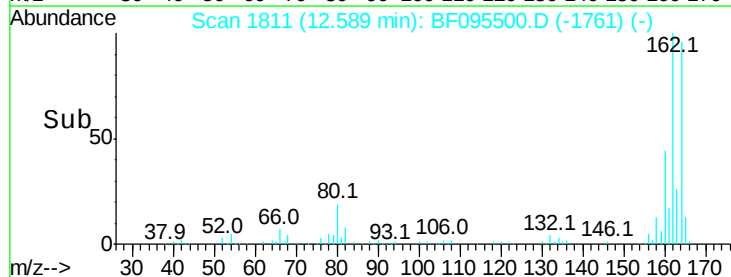
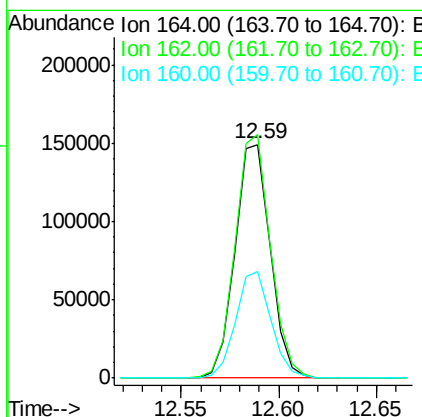
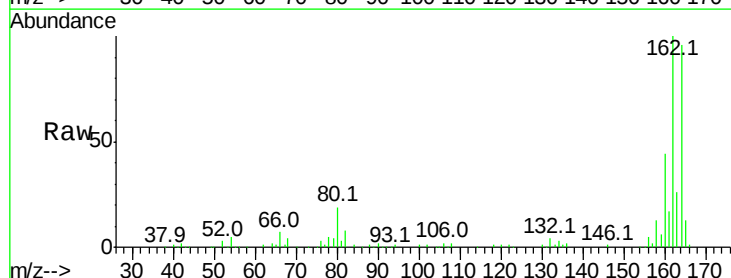
Manual Integrations
APPROVED

mohammad
5/31/2017 1:00:14 PM



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 12.59 min Scan# 1811
Delta R.T. -0.01 min
Lab File: BF095500.D
Acq: 27 May 2017 14:11

Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.2	82.6	123.8
160	45.8	36.2	54.2





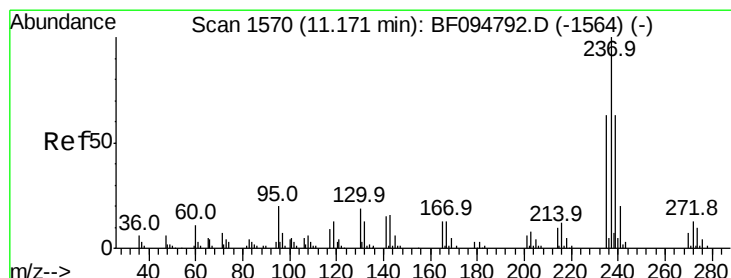
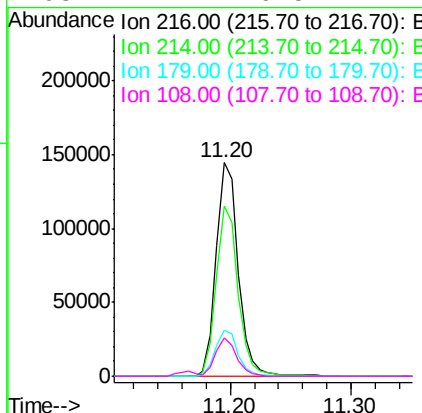
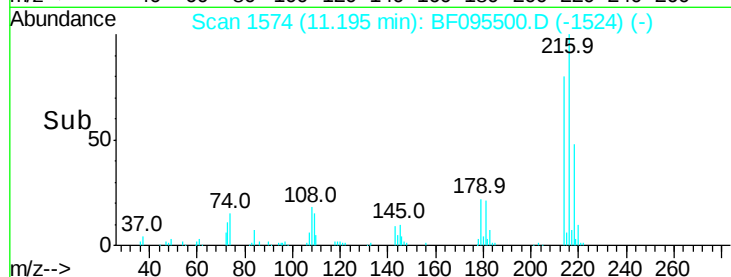
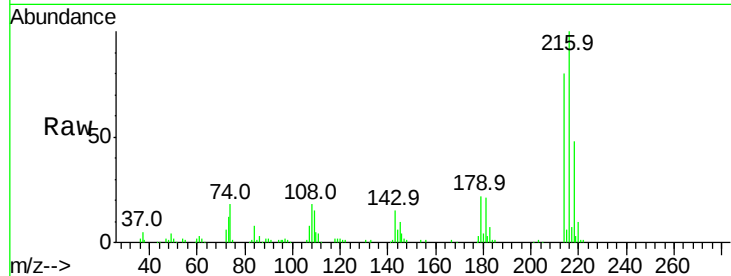
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 31.75 ng
 RT: 11.20 min Scan# 1574
 Delta R.T. -0.01 min
 Lab File: BF095500.D
 Acq: 27 May 2017 14:11

Instrument :
 BNA_F
 ClientSampleId :
 PB99295BS

Tot Ion	Ratio	Resp	Lower	Upper
216	100	182014		
214	78.9	63.4	95.2	
179	22.0	17.9	26.9	
108	17.1	16.5	24.7	

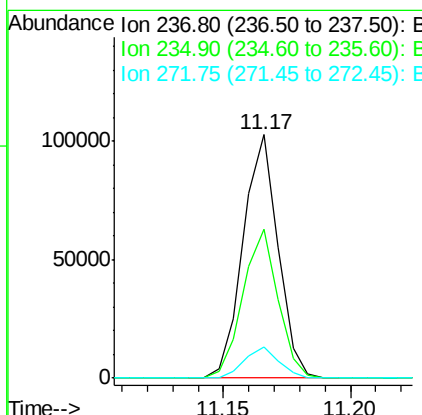
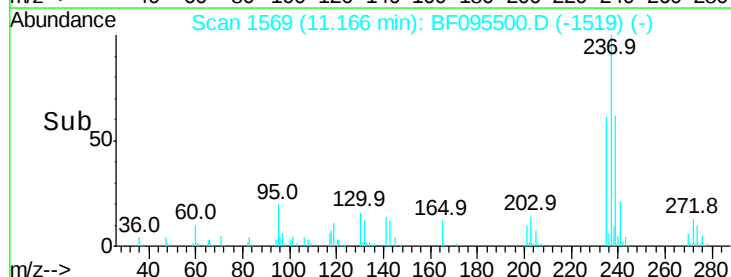
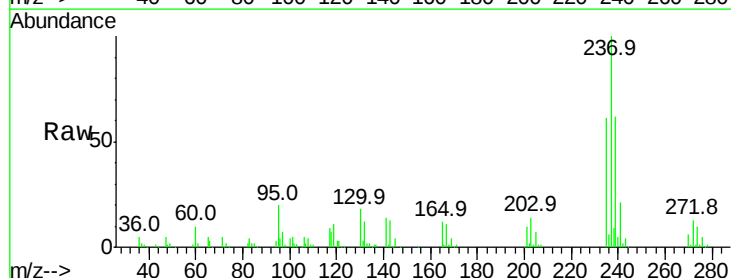
Manual Integrations
 APPROVED

mohammad
 5/31/2017 1:00:14 PM



#40
 Hexachlorocyclopentadiene
 Concen: 43.88 ng
 RT: 11.17 min Scan# 1569
 Delta R.T. -0.01 min
 Lab File: BF095500.D
 Acq: 27 May 2017 14:11

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	98627		
235	61.2	42.6	82.6	
272	12.8	0.0	31.9	





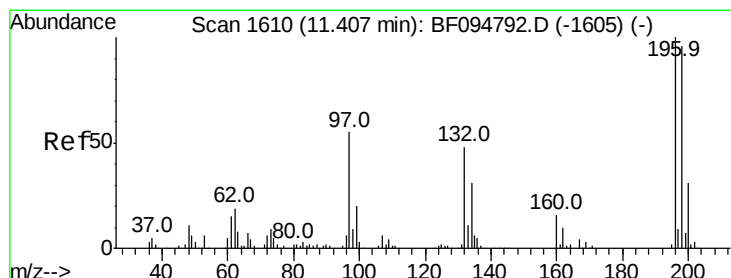
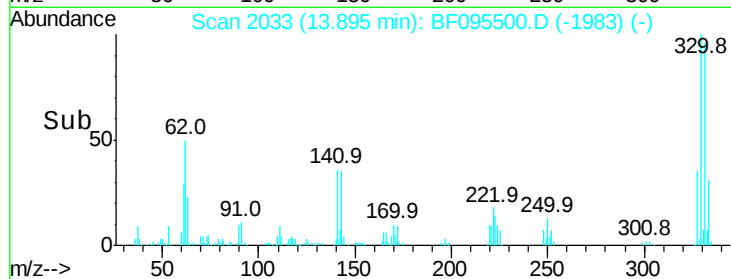
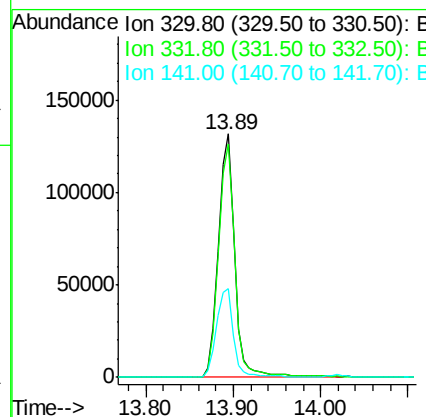
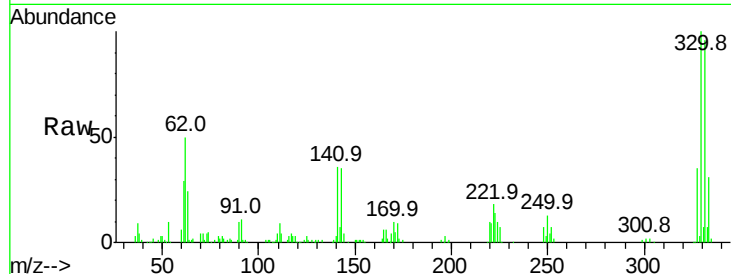
#41
 2,4,6-Tribromophenol
 Concen: 113.75 ng
 RT: 13.89 min Scan# 2033
 Delta R.T. -0.01 min
 Lab File: BF095500.D
 Acq: 27 May 2017 14:11

Instrument :
 BNA_F
 ClientSampleId :
 PB99295BS

Tot Ion	Ratio	Resp	Lower	Upper
330	100	173671		
332	96.9	76.6	115.0	
141	38.3	31.4	47.2	

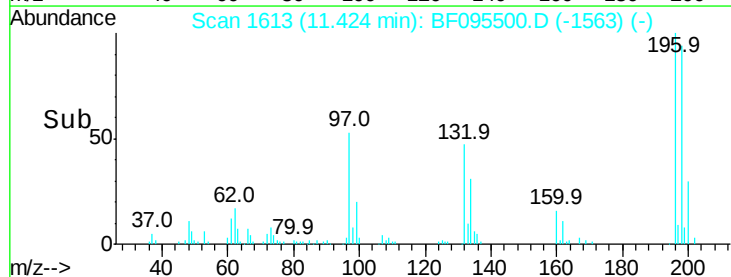
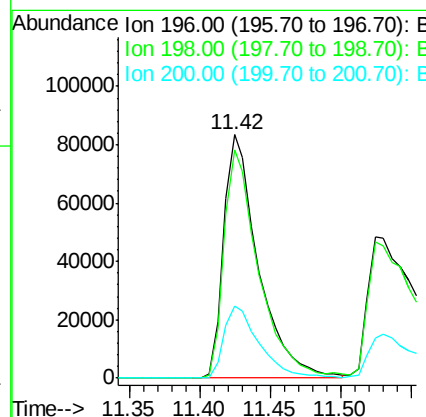
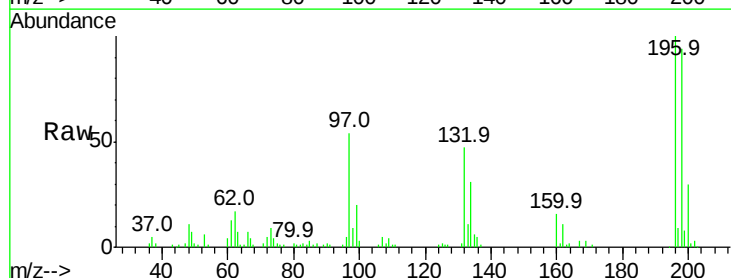
Manual Integrations
 APPROVED

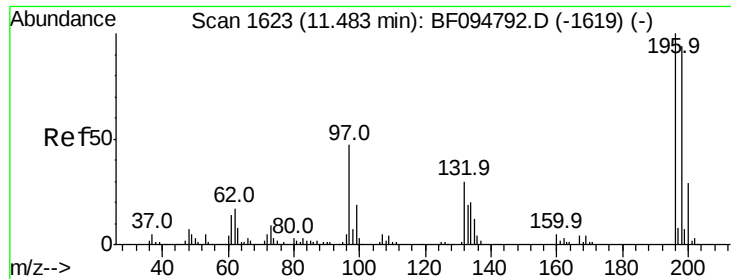
mohammad
 5/31/2017 1:00:14 PM



#42
 2,4,6-Trichlorophenol
 Concen: 37.26 ng
 RT: 11.42 min Scan# 1613
 Delta R.T. -0.01 min
 Lab File: BF095500.D
 Acq: 27 May 2017 14:11

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	142612		
198	93.8	74.2	111.4	
200	29.8	24.0	36.0	





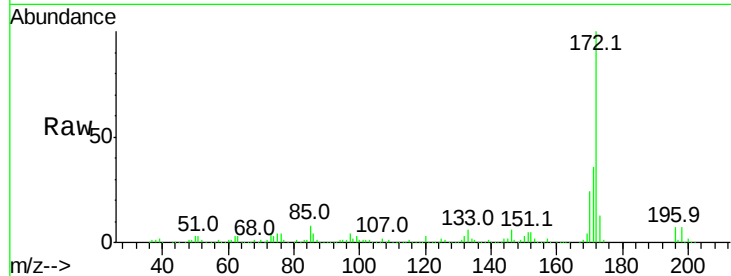
#43
 2,4,5-Trichlorophenol
 Concen: 34.03 ng
 RT: 11.52 min Scan# 1630
 Delta R.T. 0.00 min
 Lab File: BF095500.D
 Acq: 27 May 2017 14:11

Instrument :
 BNA_F
 ClientSampleId :
 PB99295BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	139982		
198	96.8	75.7	113.5	
97	50.3	47.7	71.5	
132	38.5	28.0	42.0	

Manual Integrations
 APPROVED

mohammad
 5/31/2017 1:00:14 PM



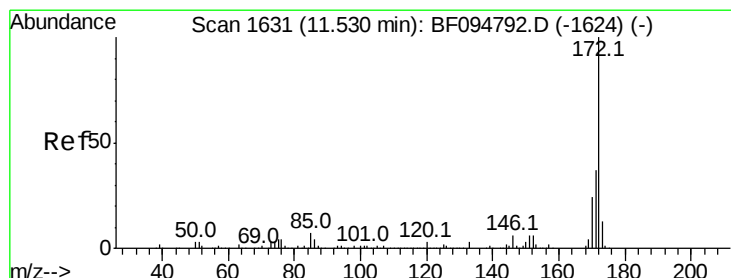
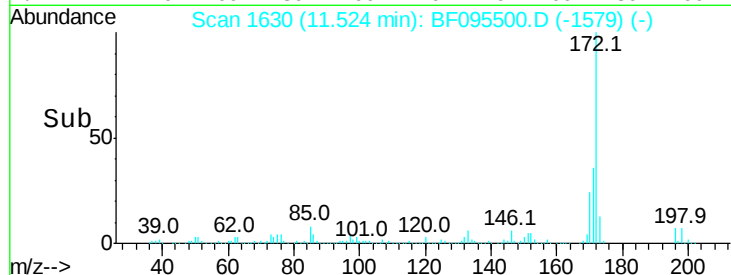
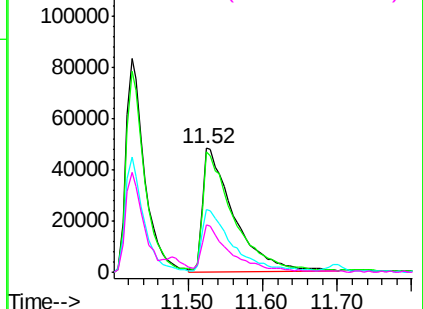
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BF0

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 75.54 ng
 RT: 11.53 min Scan# 1631
 Delta R.T. -0.01 min
 Lab File: BF095500.D
 Acq: 27 May 2017 14:11

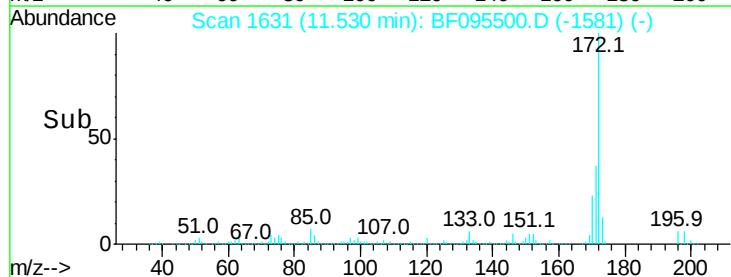
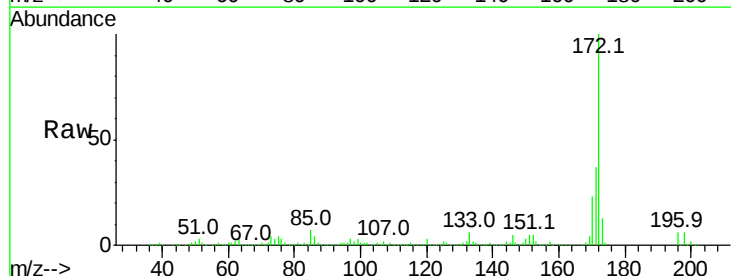
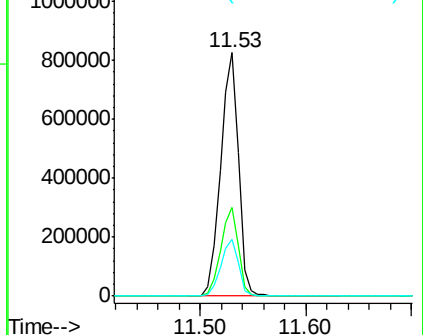
Tgt Ion	Ratio	Resp	Lower	Upper
172	100	978382		
171	36.5	29.6	44.4	
170	23.4	19.8	29.8	

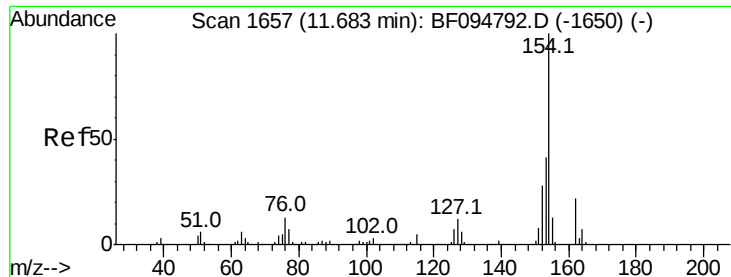
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#45

1,1'-Biphenyl

Concen: 40.15 ng

RT: 11.68 min Scan# 1657

Delta R.T. -0.01 min

Lab File: BF095500.D

Acq: 27 May 2017 14:11

Instrument :

BNA_F

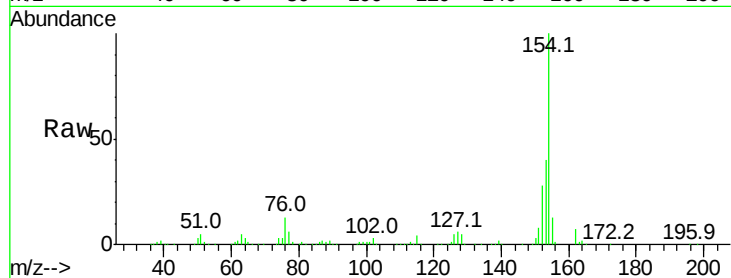
ClientSampleId :

PB99295BS

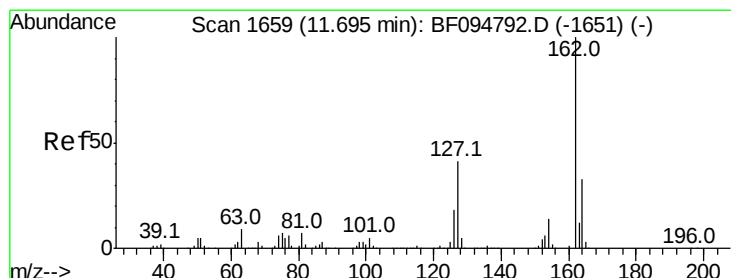
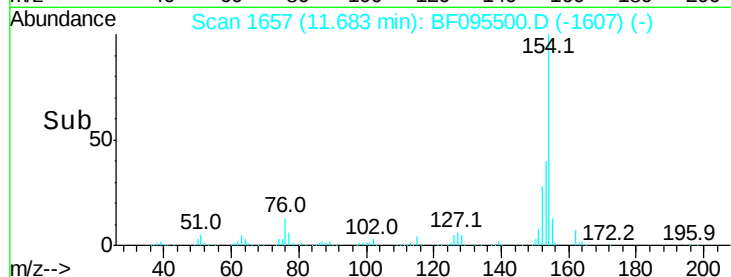
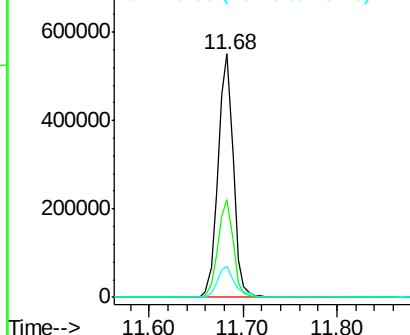
Tot Ion:	154	Resp:	630143
Ion Ratio	Lower	Upper	
154	100		
153	40.4	21.2	61.2
76	13.0	0.0	29.9

Manual Integrations
APPROVED

mohammad
5/31/2017 1:00:14 PM



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: 38.77 ng

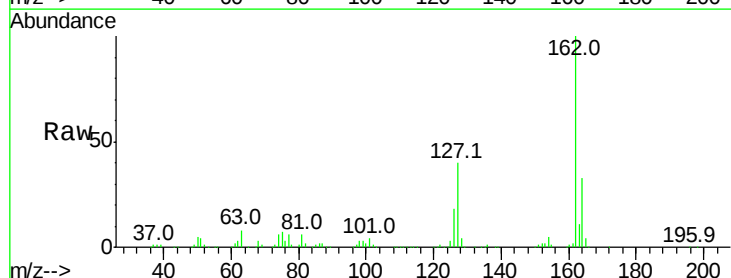
RT: 11.70 min Scan# 1660

Delta R.T. -0.01 min

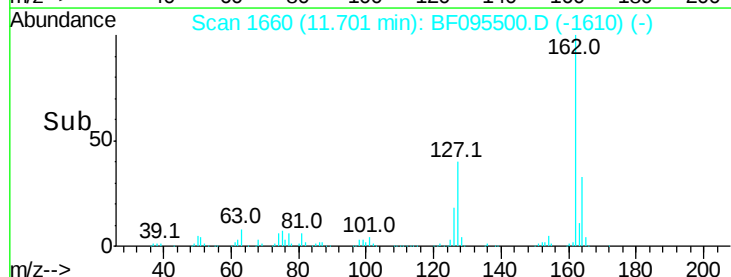
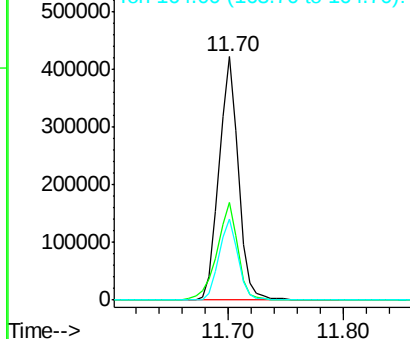
Lab File: BF095500.D

Acq: 27 May 2017 14:11

Tgt Ion:	162	Resp:	491356
Ion Ratio	Lower	Upper	
162	100		
127	40.1	28.3	42.5
164	33.0	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





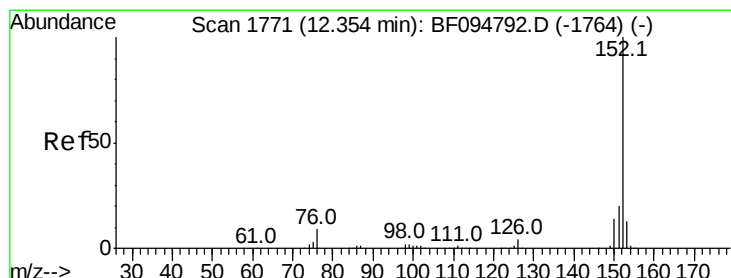
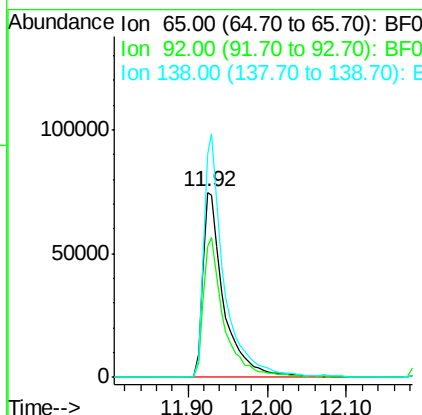
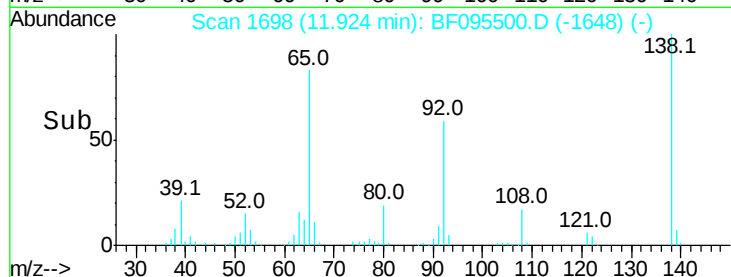
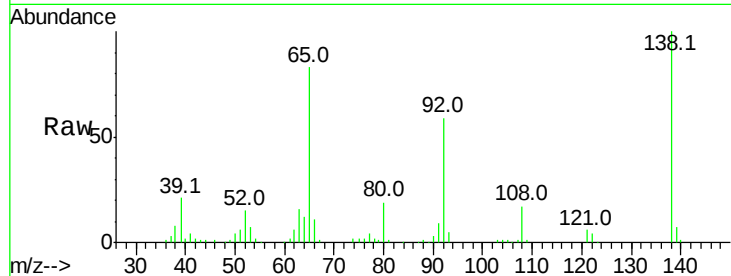
#47
 2-Nitroaniline
 Concen: 40.00 ng
 RT: 11.92 min Scan# 1698
 Delta R.T. -0.01 min
 Lab File: BF095500.D
 Acq: 27 May 2017 14:11

Instrument :
 BNA_F
 ClientSampled :
 PB99295BS

Tot Ion	Ratio	Lower	Upper
65	100		
92	70.9	53.9	80.9
138	120.5	78.8	118.2#

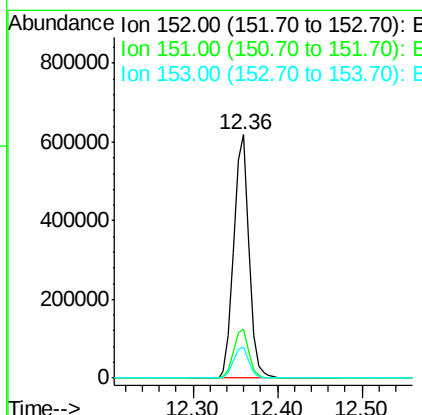
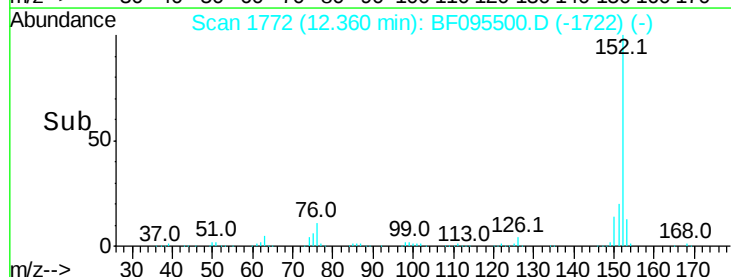
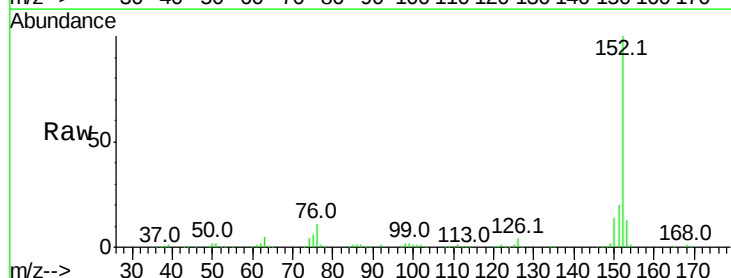
Manual Integrations
 APPROVED

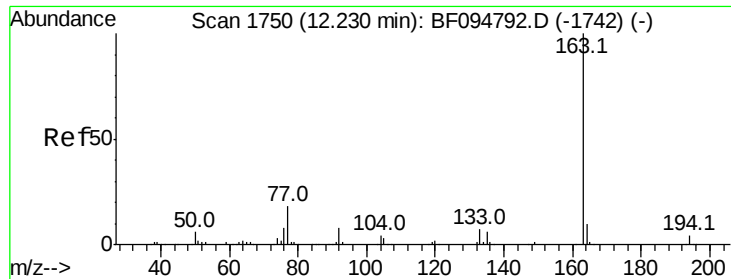
mohammad
 5/31/2017 1:00:14 PM



#48
 Acenaphthylene
 Concen: 38.25 ng
 RT: 12.36 min Scan# 1772
 Delta R.T. -0.01 min
 Lab File: BF095500.D
 Acq: 27 May 2017 14:11

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





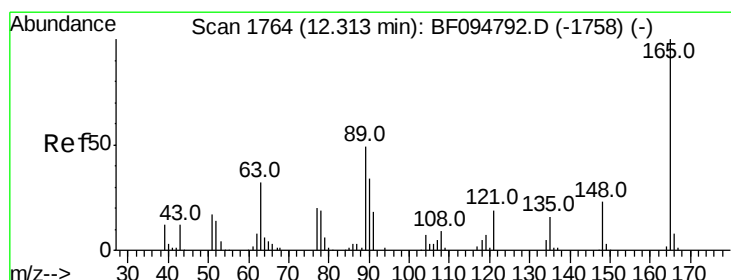
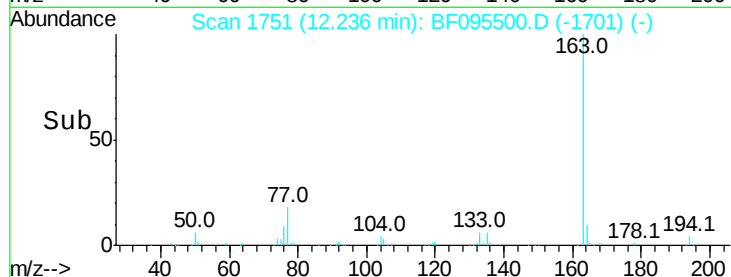
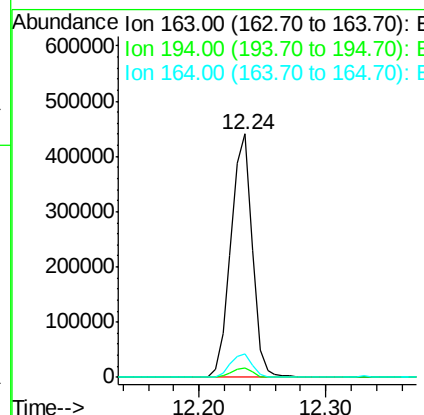
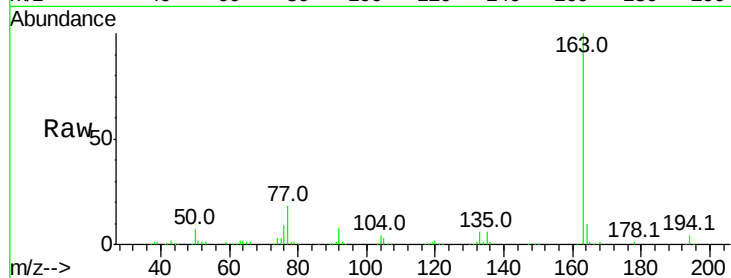
#49
Dimethylphthalate
Concen: 33.53 ng
RT: 12.24 min Scan# 1751
Delta R.T. -0.01 min
Lab File: BF095500.D
Acq: 27 May 2017 14:11

Instrument :
BNA_F
ClientSampled :
PB99295BS

Tot Ion	Ratio	Resp	Lower	Upper
163	100	513135		
194	3.6		2.6	4.0
164	9.7		8.4	12.6

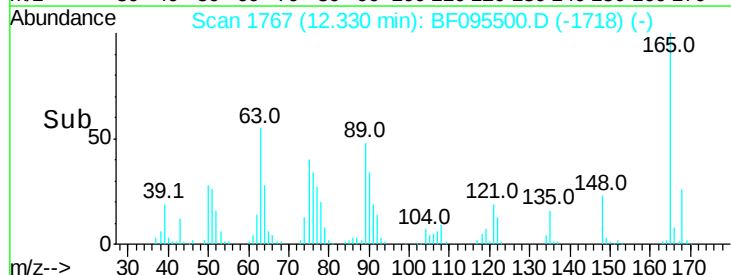
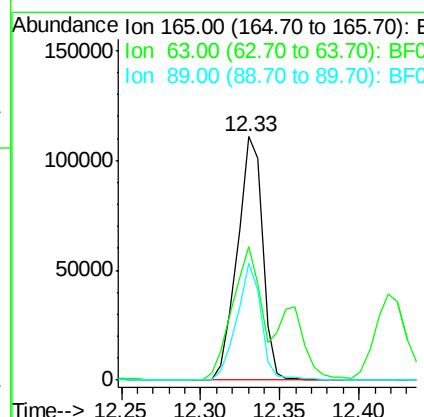
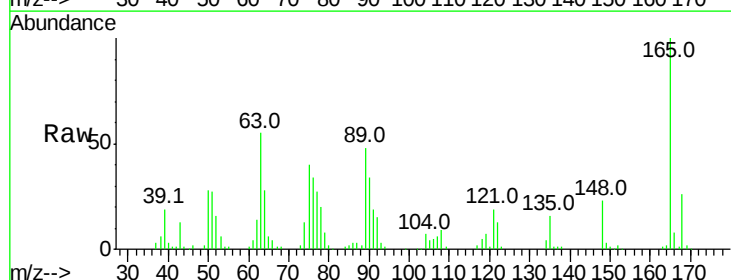
Manual Integrations
APPROVED

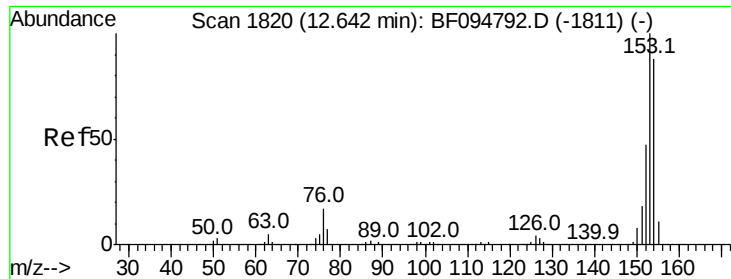
mohammad
5/31/2017 1:00:14 PM



#50
2,6-Dinitrotoluene
Concen: 39.31 ng
RT: 12.33 min Scan# 1767
Delta R.T. -0.01 min
Lab File: BF095500.D
Acq: 27 May 2017 14:11

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	122724		
63	54.8		34.3	51.5#
89	47.9		37.1	55.7





#51

Acenaphthene

Concen: 39.33 ng

RT: 12.64 min Scan# 1820

Delta R.T. -0.01 min

Lab File: BF095500.D

Acq: 27 May 2017 14:11

Instrument :

BNA_F

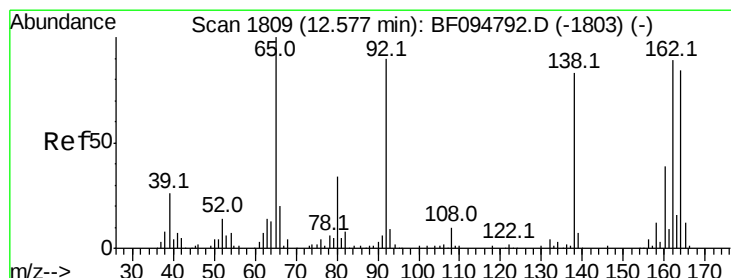
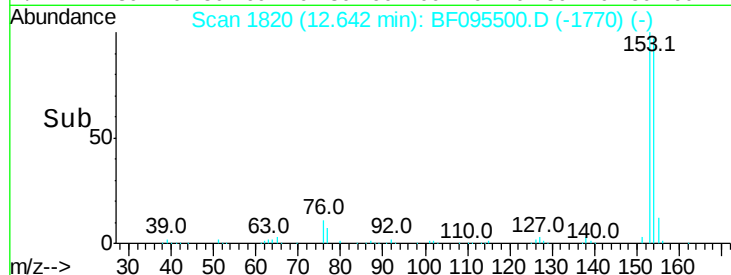
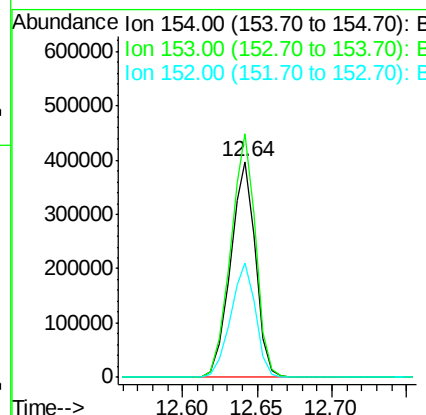
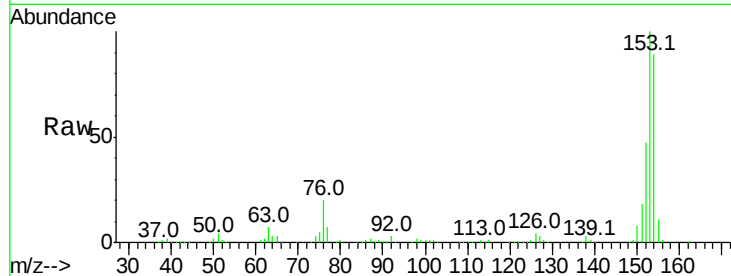
ClientSampleId :

PB99295BS

Tot Ion:	154	Resp:	466273
Ion Ratio	Lower	Upper	
154	100		
153	113.0	90.5	135.7
152	53.3	43.6	65.4

Manual Integrations
APPROVED

mohammad
5/31/2017 1:00:14 PM



#52

3-Nitroaniline

Concen: 19.57 ng

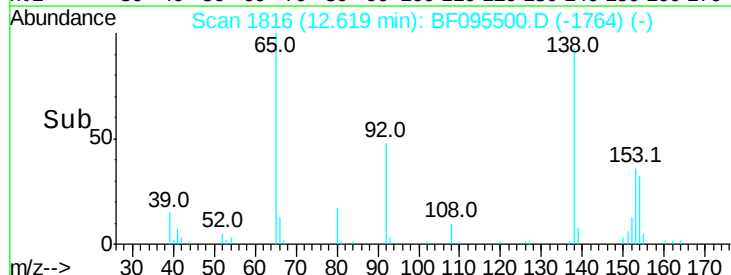
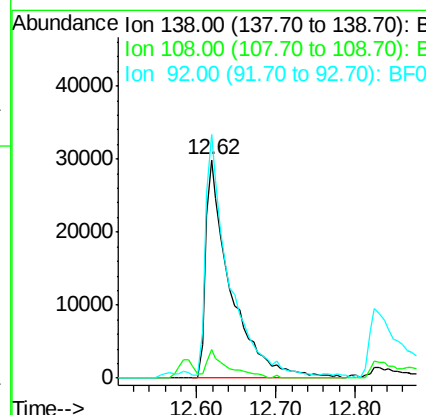
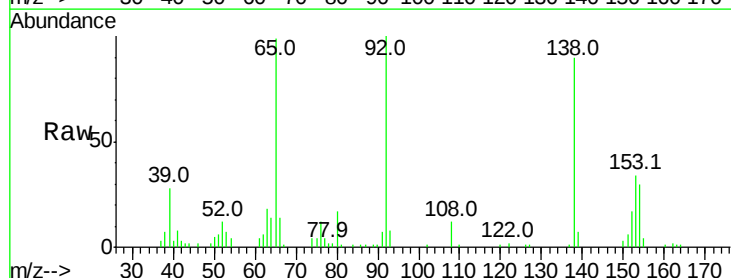
RT: 12.62 min Scan# 1816

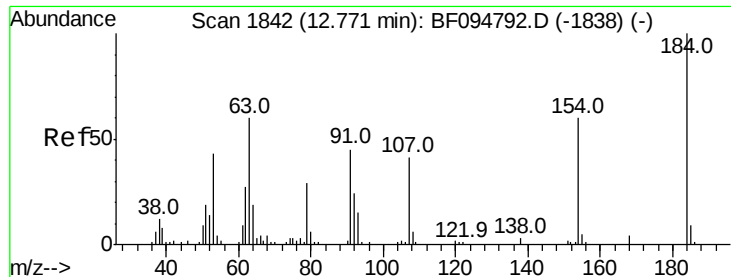
Delta R.T. 0.01 min

Lab File: BF095500.D

Acq: 27 May 2017 14:11

Tgt Ion:	138	Resp:	65569
Ion Ratio	Lower	Upper	
138	100		
108	12.8	9.1	13.7
92	111.4	93.8	140.6





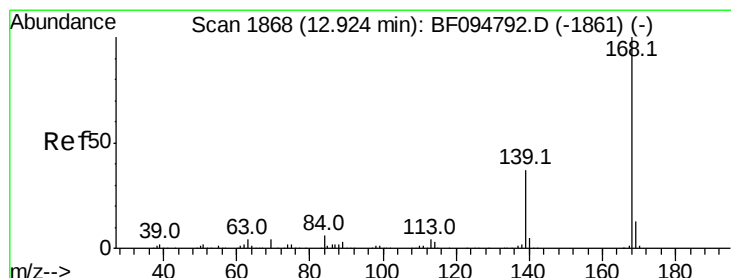
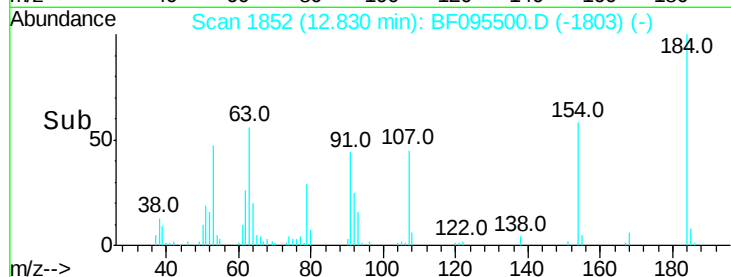
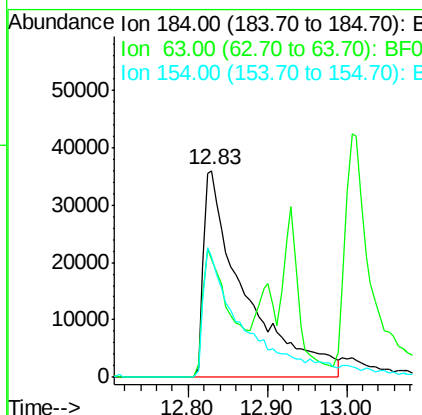
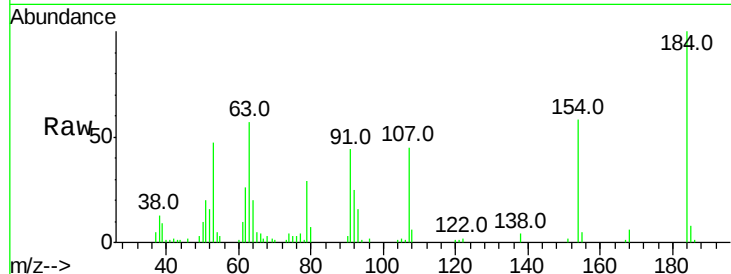
#53
 2,4-Dinitrophenol
 Concen: 76.23 ng
 RT: 12.83 min Scan# 1852
 Delta R.T. -0.01 min
 Lab File: BF095500.D
 Acq: 27 May 2017 14:11

Instrument :
 BNA_F
 ClientSampled :
 PB99295BS

Tot Ion	Ratio	Resp	Lower	Upper
184	100			
63	57.0	62.7	94.1#	
154	58.1	81.1	121.7#	

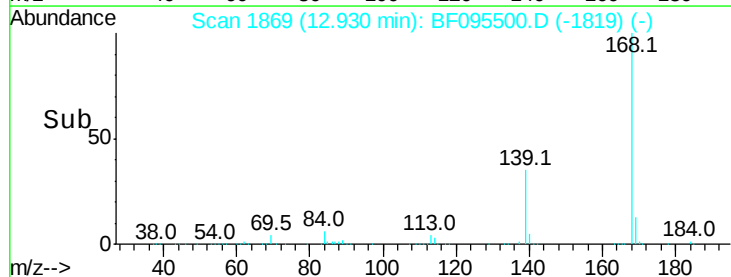
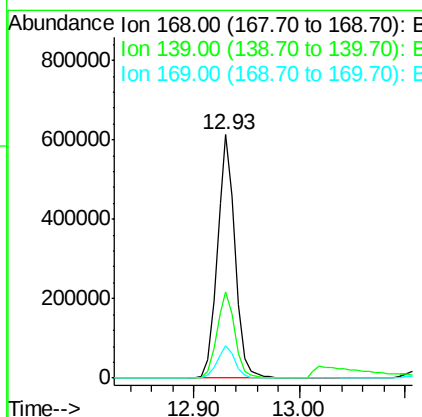
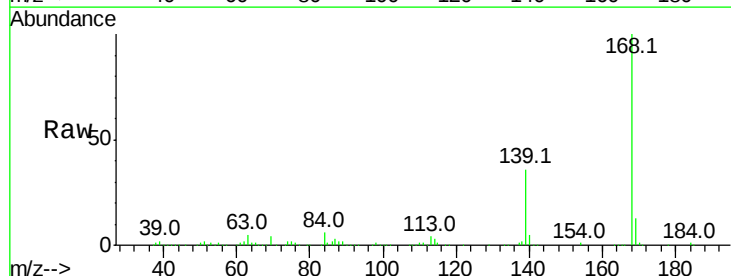
Manual Integrations
 APPROVED

mohammad
 5/31/2017 1:00:14 PM



#54
 Dibenzofuran
 Concen: 43.73 ng
 RT: 12.93 min Scan# 1869
 Delta R.T. -0.01 min
 Lab File: BF095500.D
 Acq: 27 May 2017 14:11

Tgt Ion	Ratio	Resp	Lower	Upper
168	100			
139	35.7	30.6	45.8	
169	13.5	10.8	16.2	





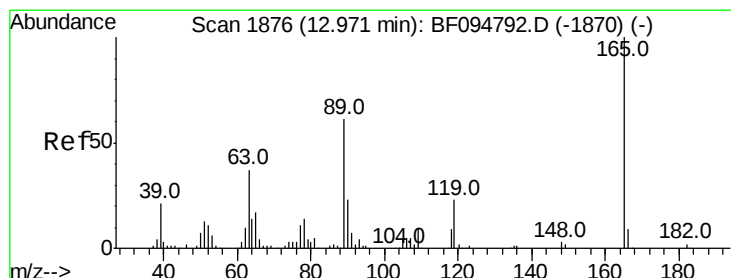
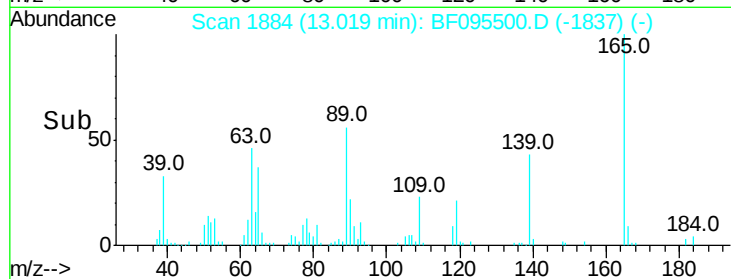
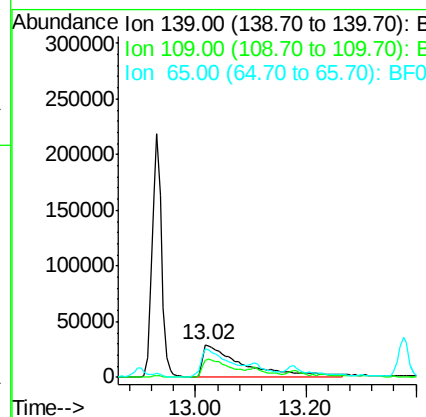
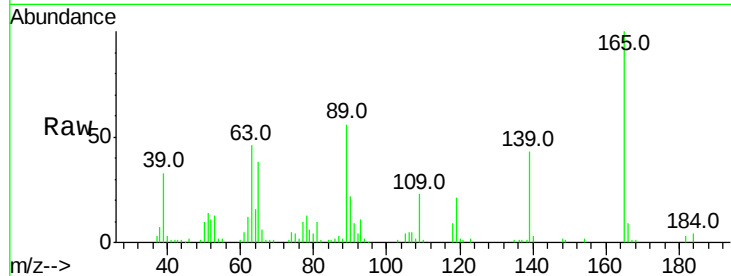
#55
4-Nitrophenol
Concen: 72.13 ng
RT: 13.02 min Scan# 1884
Delta R.T. -0.02 min
Lab File: BF095500.D
Acq: 27 May 2017 14:11

Instrument :
BNA_F
ClientSampleId :
PB99295BS

Tot Ion	Ratio	Resp	Lower	Upper
139	100			
109	54.2	34.1	74.1	
65	86.9	31.4	71.4	#

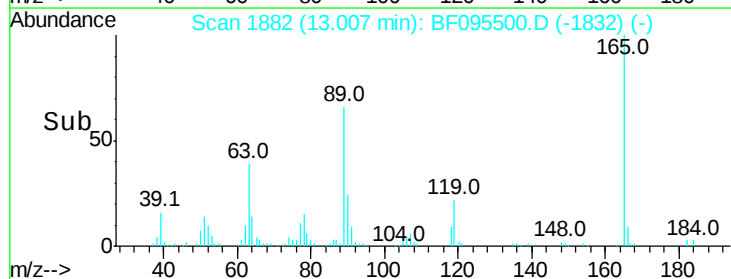
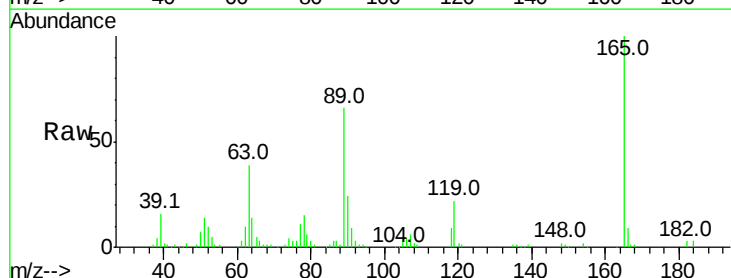
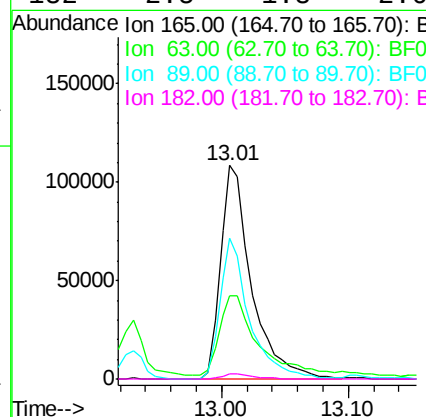
Manual Integrations
APPROVED

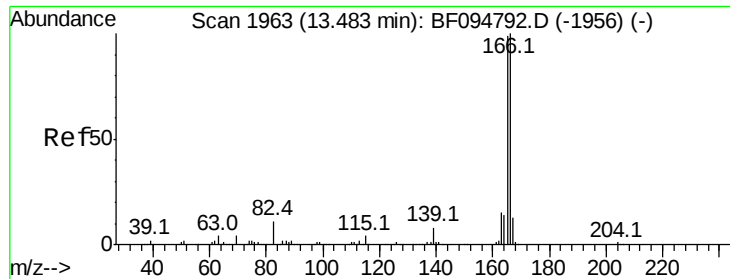
mohammad
5/31/2017 1:00:14 PM



#56
2,4-Dinitrotoluene
Concen: 45.95 ng
RT: 13.01 min Scan# 1882
Delta R.T. -0.01 min
Lab File: BF095500.D
Acq: 27 May 2017 14:11

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	39.0	25.4	38.0	#
89	65.9	46.4	69.6	
182	2.5	1.8	2.6	





#57

Fluorene

Concen: 39.29 ng

RT: 13.49 min Scan# 1964

Delta R.T. -0.01 min

Lab File: BF095500.D

Acq: 27 May 2017 14:11

Instrument :

BNA_F

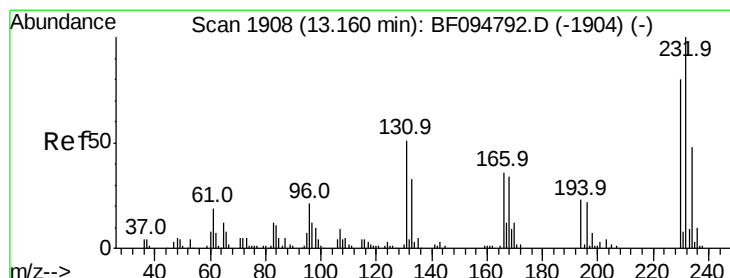
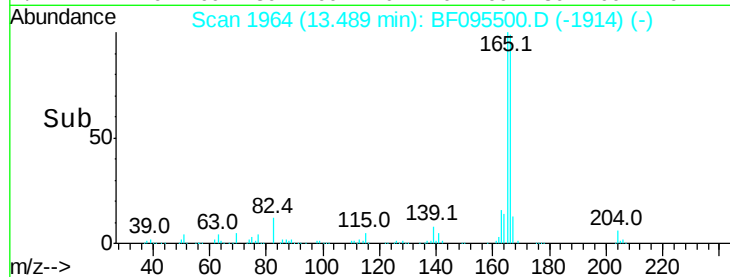
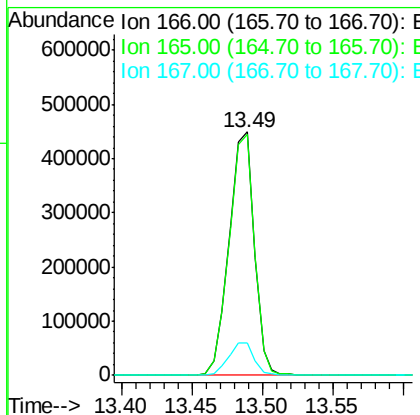
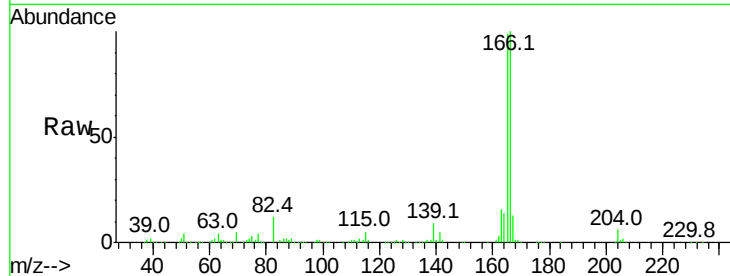
ClientSampleId :

PB99295BS

Tot Ion:	166	Resp:	560596
Ion Ratio	Lower	Upper	
166	100		
165	99.1	78.8	118.2
167	13.4	10.6	16.0

Manual Integrations
APPROVED

mohammad
5/31/2017 1:00:14 PM



#58

2,3,4,6-Tetrachlorophenol

Concen: 44.72 ng

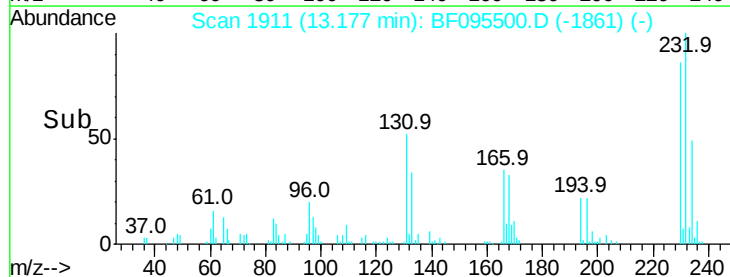
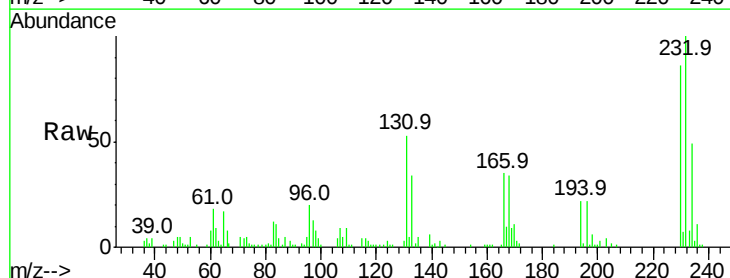
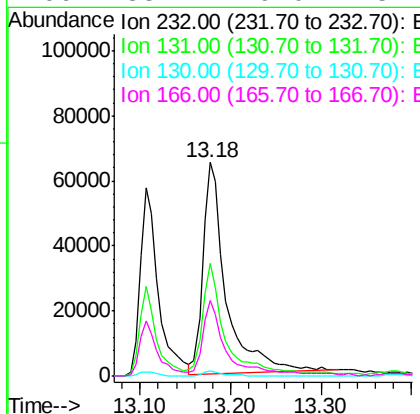
RT: 13.18 min Scan# 1911

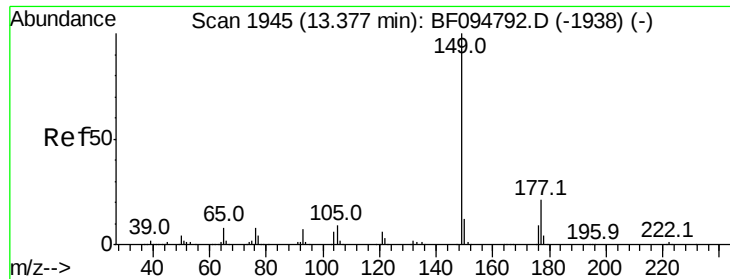
Delta R.T. -0.01 min

Lab File: BF095500.D

Acq: 27 May 2017 14:11

Tgt Ion:	232	Resp:	115797
Ion Ratio	Lower	Upper	
232	100		
131	54.7	44.8	67.2
130	2.2	2.3	3.5#
166	38.1	29.0	43.4





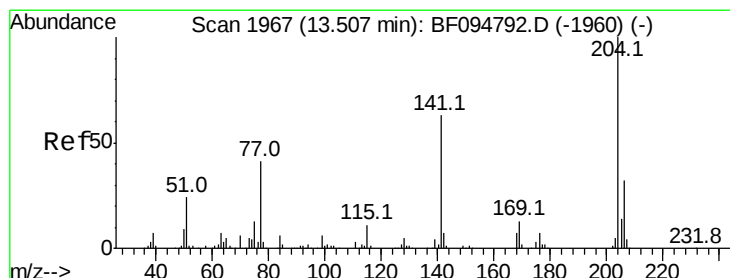
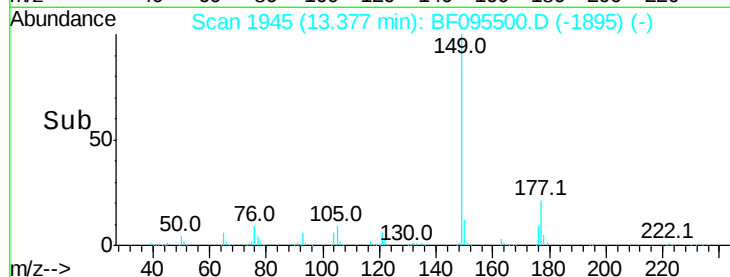
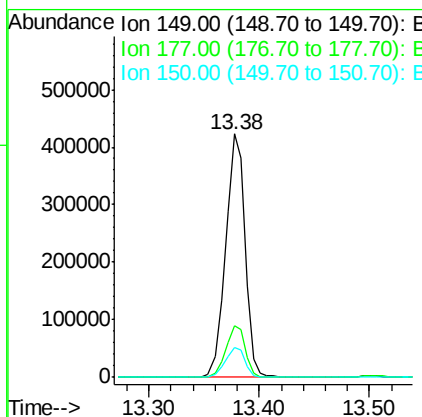
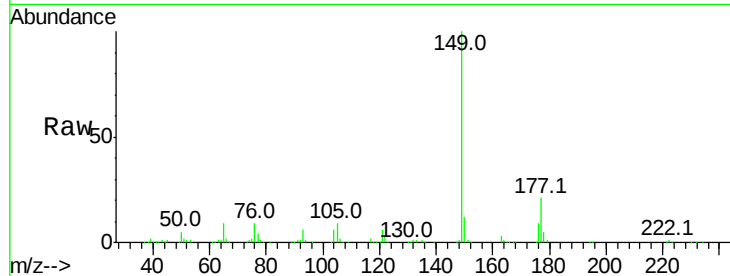
#59
Diethylphthalate
Concen: 35.44 ng
RT: 13.38 min Scan# 1945
Delta R.T. -0.01 min
Lab File: BF095500.D
Acq: 27 May 2017 14:11

Instrument :
BNA_F
ClientSampled :
PB99295BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	519822		
177	21.5	16.7	25.1	
150	12.1	10.2	15.2	

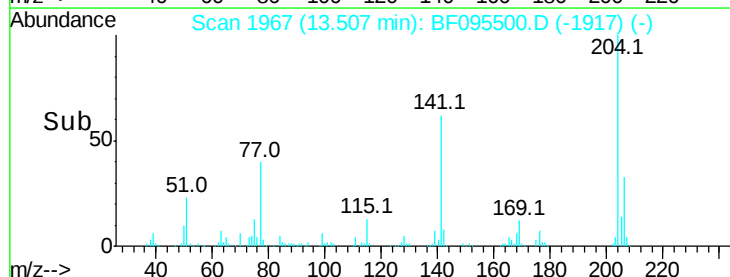
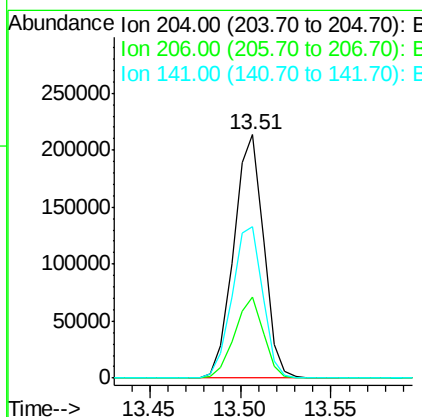
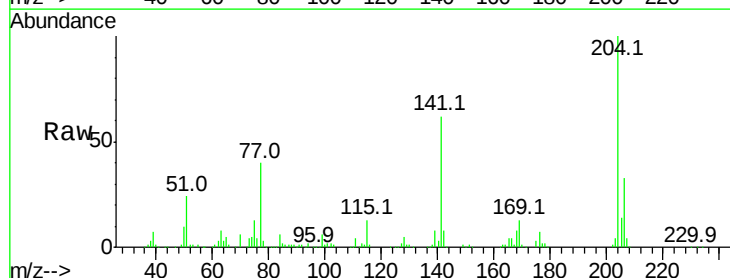
Manual Integrations
APPROVED

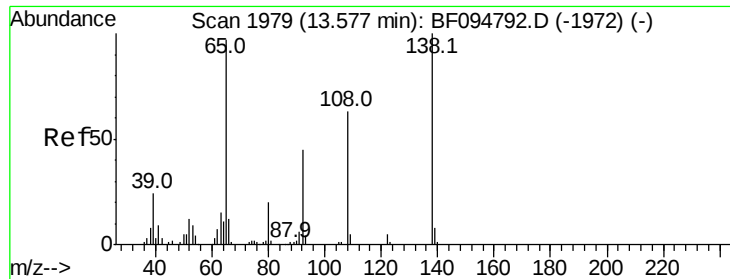
mohammad
5/31/2017 1:00:14 PM



#60
4-Chlorophenyl-phenylether
Concen: 39.08 ng
RT: 13.51 min Scan# 1967
Delta R.T. -0.01 min
Lab File: BF095500.D
Acq: 27 May 2017 14:11

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	245009		
206	33.2	26.2	39.2	
141	62.4	60.8	91.2	





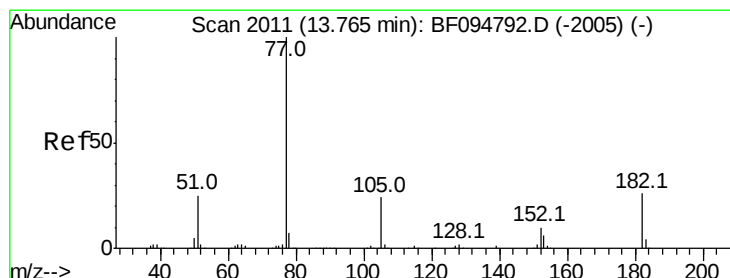
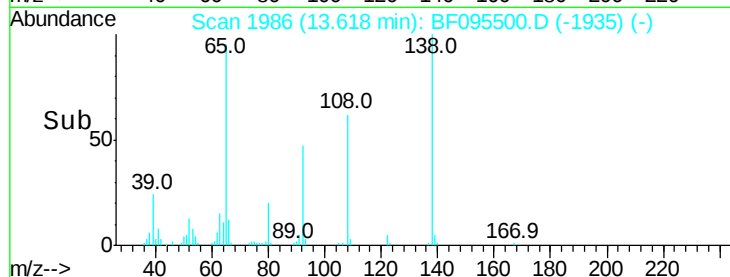
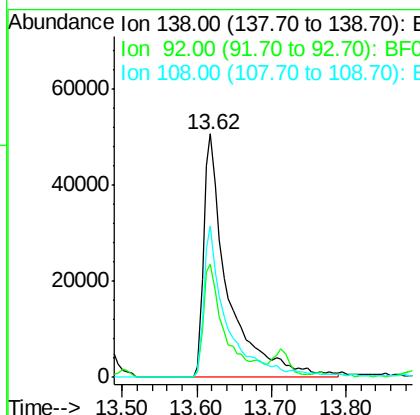
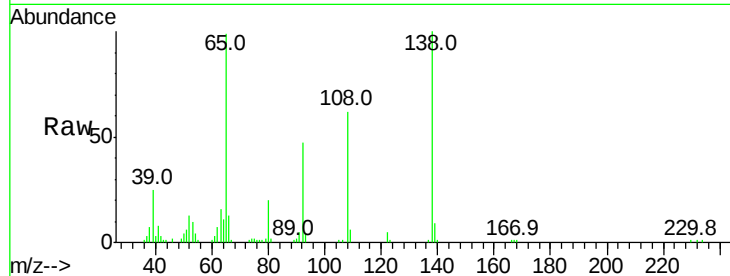
#61
4-Nitroaniline
Concen: 37.36 ng
RT: 13.62 min Scan# 1986
Delta R.T. 0.00 min
Lab File: BF095500.D
Acq: 27 May 2017 14:11

Instrument :
BNA_F
ClientSampleId :
PB99295BS

Tot Ion	Ratio	Lower	Upper
138	100		
92	46.7	21.8	61.8
108	62.1	42.3	82.3

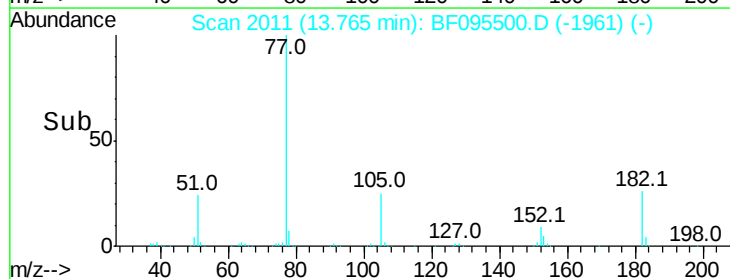
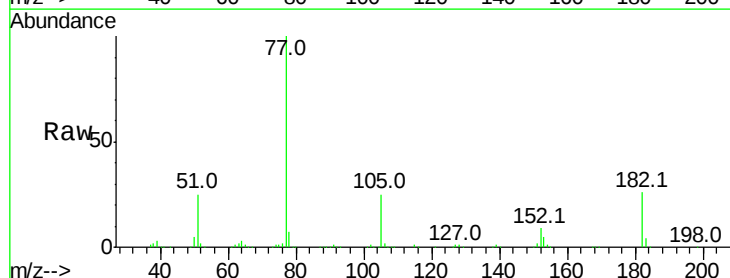
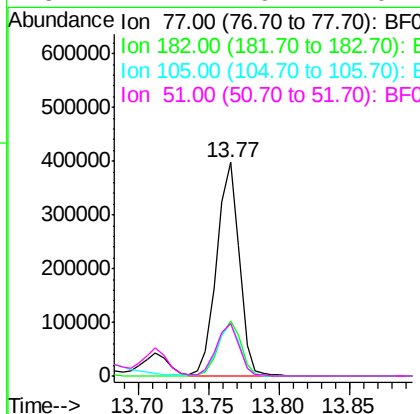
Manual Integrations
APPROVED

mohammad
5/31/2017 1:00:14 PM



#62
Azobenzene
Concen: 37.62 ng
RT: 13.77 min Scan# 2011
Delta R.T. -0.01 min
Lab File: BF095500.D
Acq: 27 May 2017 14:11

Tgt Ion	Ratio	Lower	Upper
77	100		
182	25.5	0.1	40.1
105	24.8	3.6	43.6
51	24.7	9.4	49.4





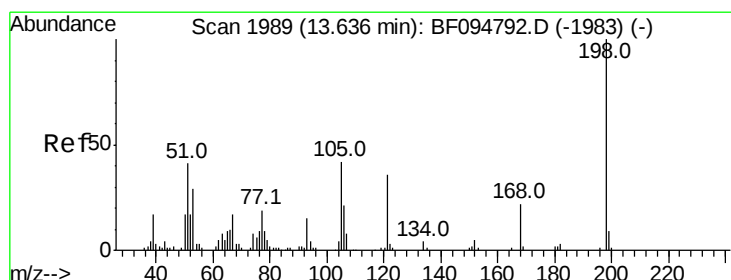
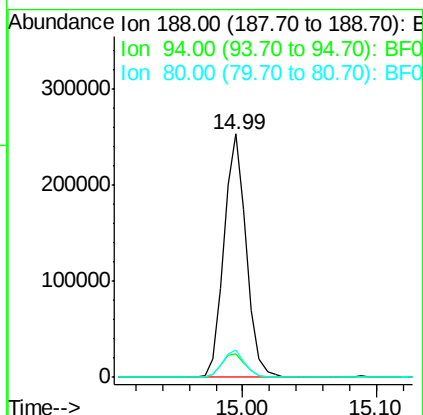
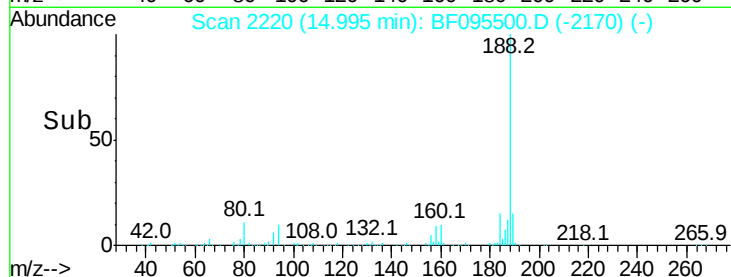
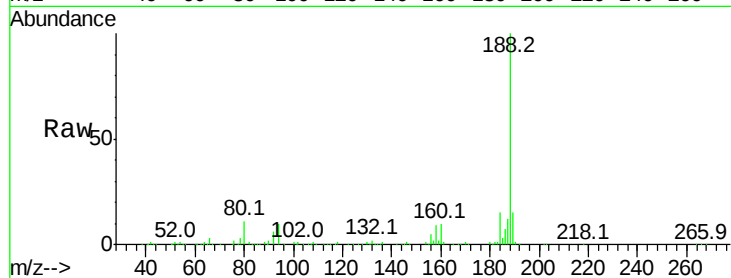
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 14.99 min Scan# 2220
Delta R.T. -0.01 min
Lab File: BF095500.D
Acq: 27 May 2017 14:11

Instrument :
BNA_F
ClientSampleId :
PB99295BS

Tot Ion	Ratio	Resp	Lower	Upper
188	100	297749		
94	9.8		9.4	14.2
80	11.4		10.2	15.2

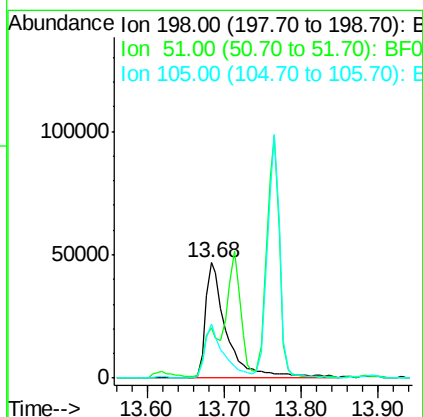
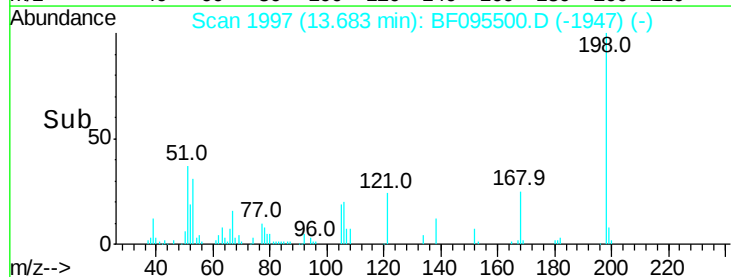
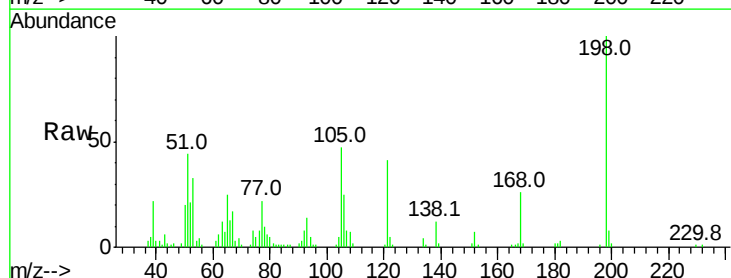
Manual Integrations
APPROVED

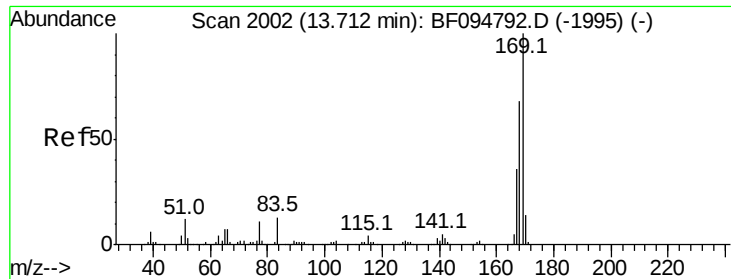
mohammad
5/31/2017 1:00:14 PM



#64
4,6-Dinitro-2-methylphenol
Concen: 44.74 ng
RT: 13.68 min Scan# 1997
Delta R.T. -0.01 min
Lab File: BF095500.D
Acq: 27 May 2017 14:11

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	89309		
51	43.6		53.2	93.2#
105	46.6		45.8	85.8





#65

n-Nitrosodiphenylamine

Concen: 43.24 ng

RT: 13.71 min Scan# 2002

Delta R.T. -0.01 min

Lab File: BF095500.D

Acq: 27 May 2017 14:11

Instrument :

BNA_F

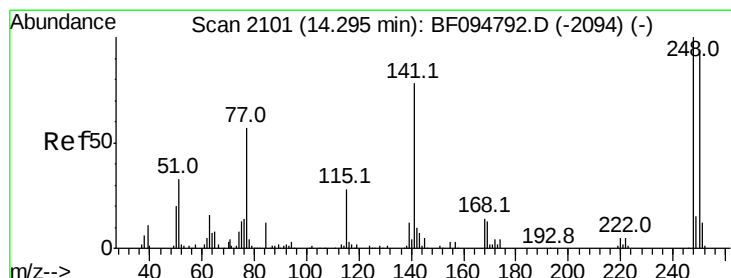
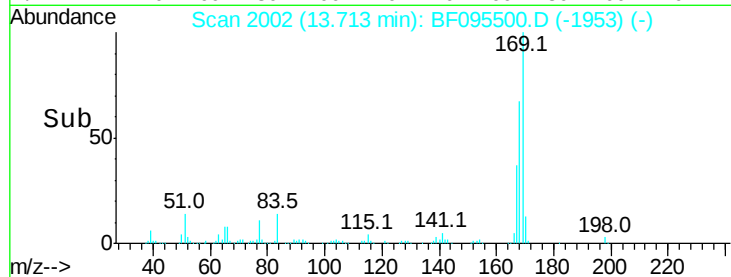
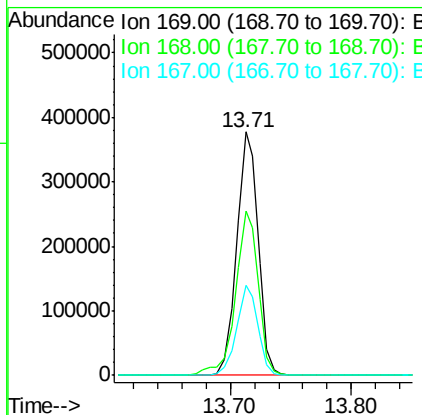
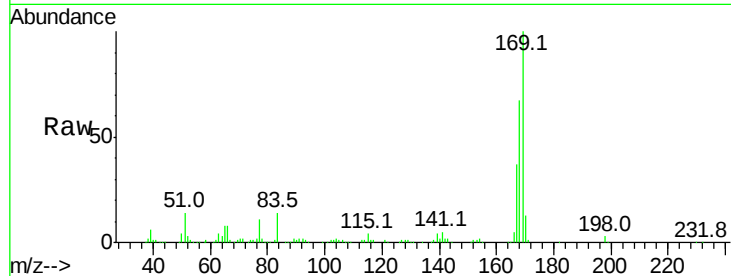
ClientSampled :

PB99295BS

Tot Ion	Ratio	Resp	Lower	Upper
169	100	467262		
168	67.5	53.2	79.8	
167	36.9	29.5	44.3	

Manual Integrations
APPROVED

mohammad
5/31/2017 1:00:14 PM



#66

4-Bromophenyl-phenylether

Concen: 44.55 ng

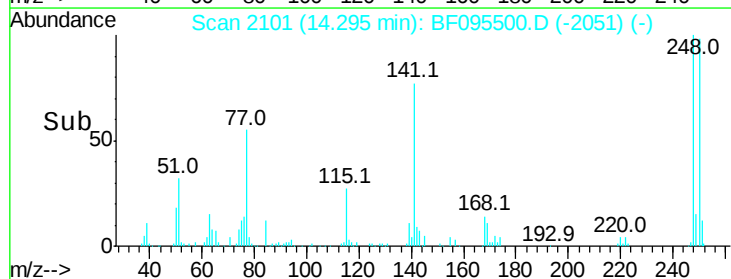
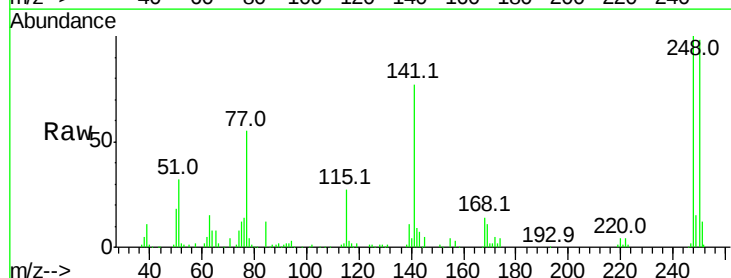
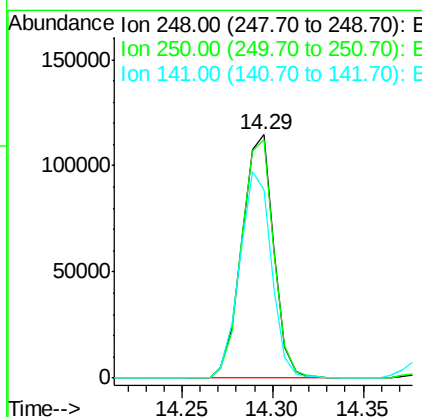
RT: 14.29 min Scan# 2101

Delta R.T. -0.01 min

Lab File: BF095500.D

Acq: 27 May 2017 14:11

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	140141		
250	98.1	76.8	115.2	
141	77.3	68.6	103.0	





#67

Hexachlorobenzene

Concen: 43.36 ng

RT: 14.38 min Scan# 2116

Delta R.T. -0.01 min

Lab File: BF095500.D

Acq: 27 May 2017 14:11

Instrument :

BNA_F

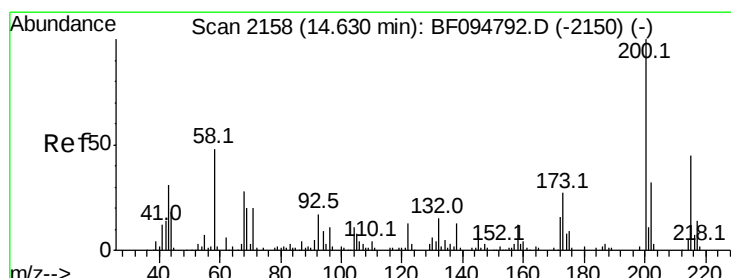
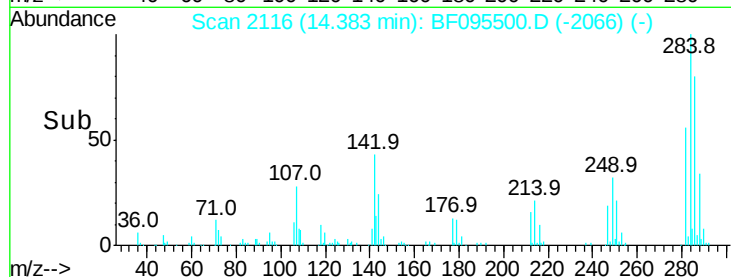
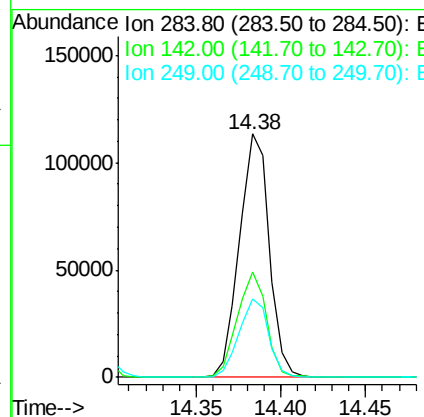
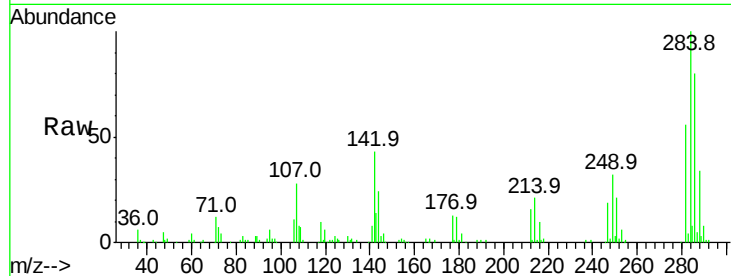
ClientSampled :

PB99295BS

Tot Ion	Ratio	Resp	Lower	Upper
284	100	139781		
142	43.3	22.8	34.2#	
249	32.2	24.0	36.0	

Manual Integrations
APPROVED

mohammad
5/31/2017 1:00:14 PM



#68

Atrazine

Concen: 43.95 ng

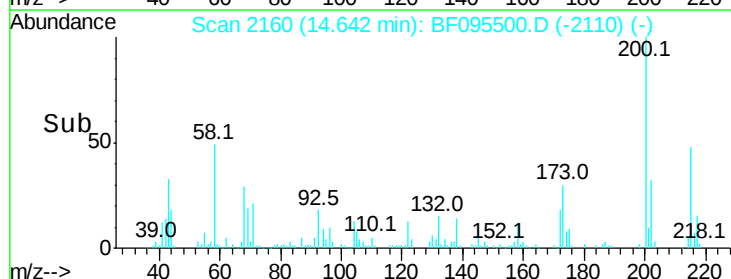
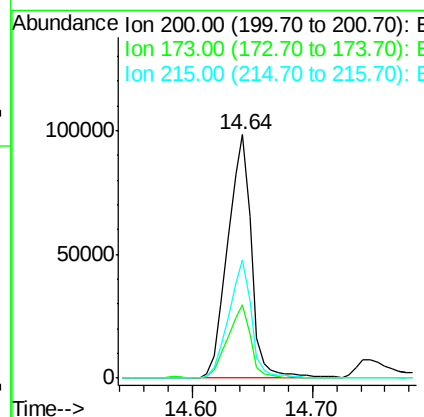
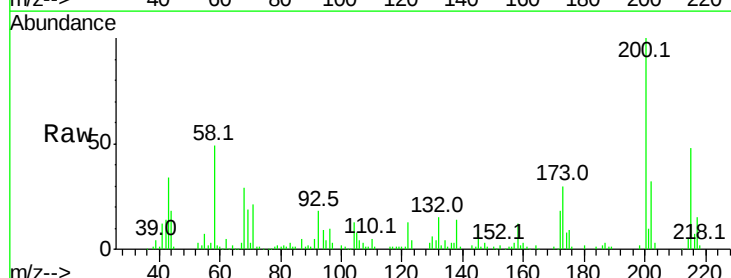
RT: 14.64 min Scan# 2160

Delta R.T. -0.01 min

Lab File: BF095500.D

Acq: 27 May 2017 14:11

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	134103		
173	30.1	6.3	46.3	
215	48.4	27.2	67.2	





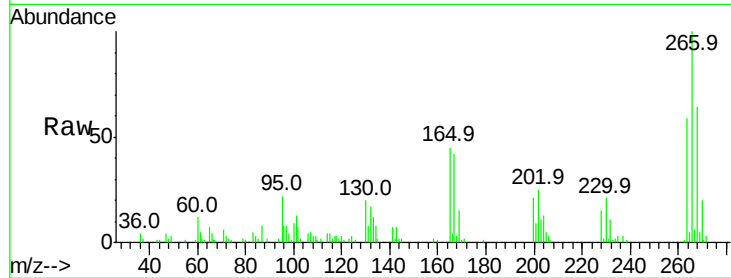
#69
 Pentachlorophenol
 Concen: 65.88 ng
 RT: 14.75 min Scan# 2178
 Delta R.T. -0.01 min
 Lab File: BF095500.D
 Acq: 27 May 2017 14:11

Instrument :
 BNA_F
 ClientSampleId :
 PB99295BS

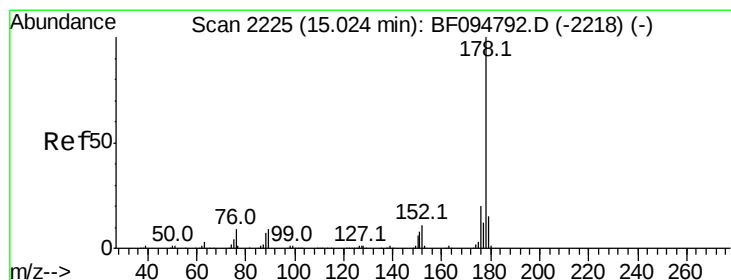
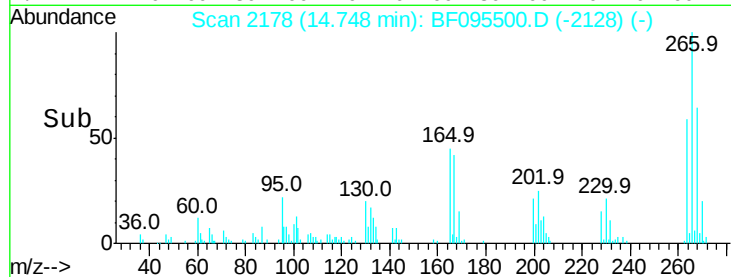
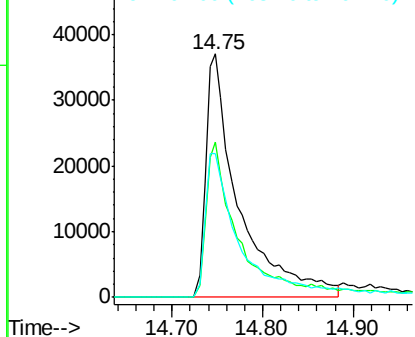
Tot Ion	Ratio	Lower	Upper
266	100		
268	63.7	51.1	76.7
264	59.2	51.7	77.5

Manual Integrations
 APPROVED

mohammad
 5/31/2017 1:00:14 PM

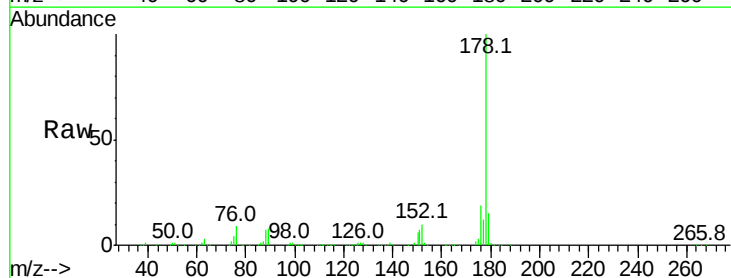


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

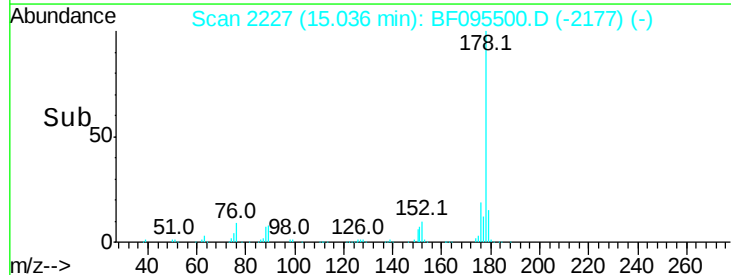
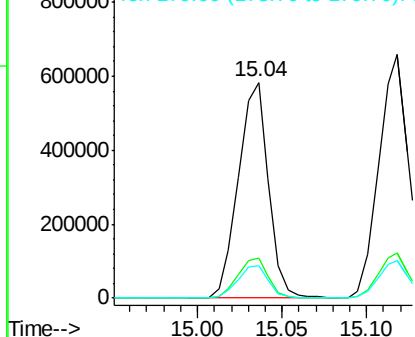


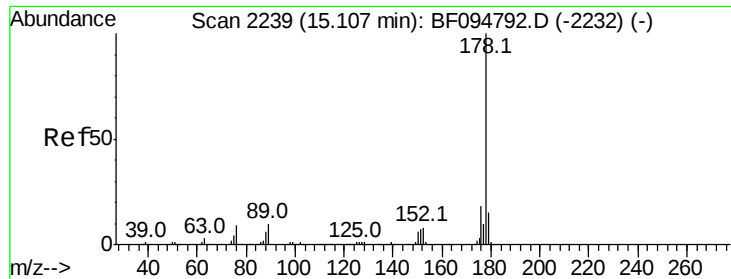
#70
 Phenanthrene
 Concen: 42.32 ng
 RT: 15.04 min Scan# 2227
 Delta R.T. -0.01 min
 Lab File: BF095500.D
 Acq: 27 May 2017 14:11

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.8	16.2	24.4
179	15.2	12.6	19.0



Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E





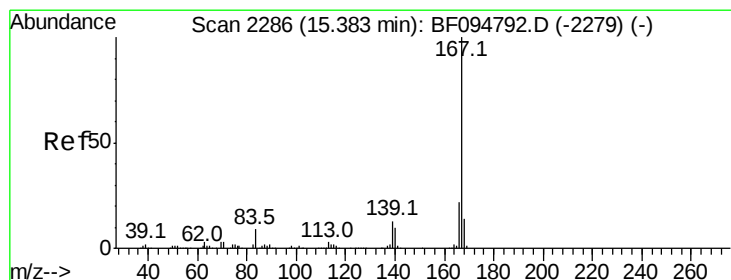
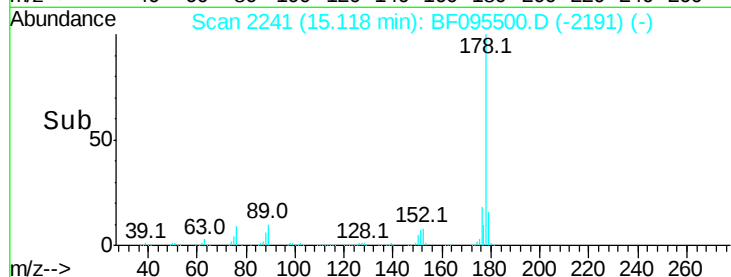
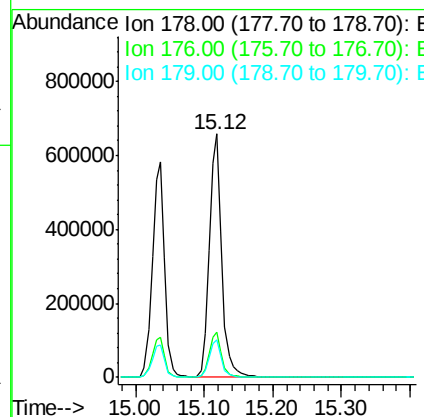
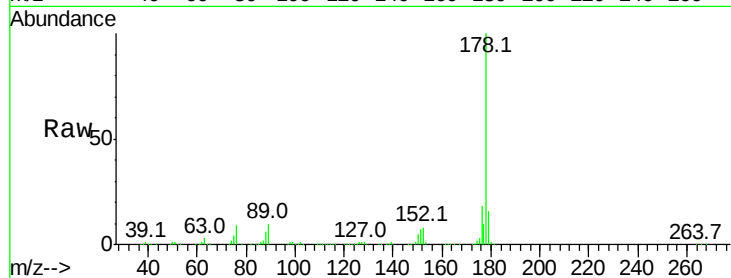
#71
 Anthracene
 Concen: 48.52 ng
 RT: 15.12 min Scan# 2241
 Delta R.T. -0.01 min
 Lab File: BF095500.D
 Acq: 27 May 2017 14:11

Instrument :
 BNA_F
 ClientSampleId :
 PB99295BS

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.4	15.8	23.8
179	15.6	12.7	19.1

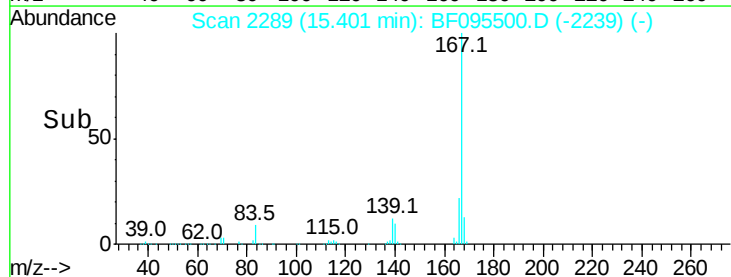
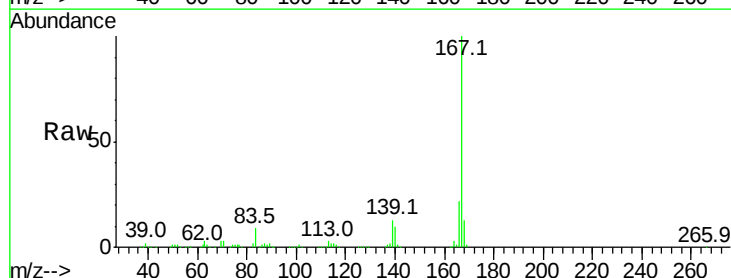
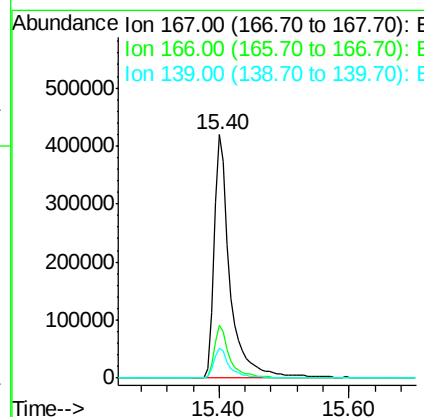
Manual Integrations
 APPROVED

mohammad
 5/31/2017 1:00:14 PM



#72
 Carbazole
 Concen: 44.64 ng
 RT: 15.40 min Scan# 2289
 Delta R.T. -0.01 min
 Lab File: BF095500.D
 Acq: 27 May 2017 14:11

Tgt Ion	Ratio	Lower	Upper
167	100		
166	21.5	18.1	27.1
139	12.5	11.7	17.5





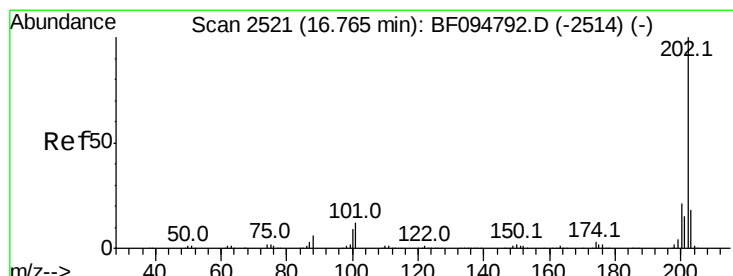
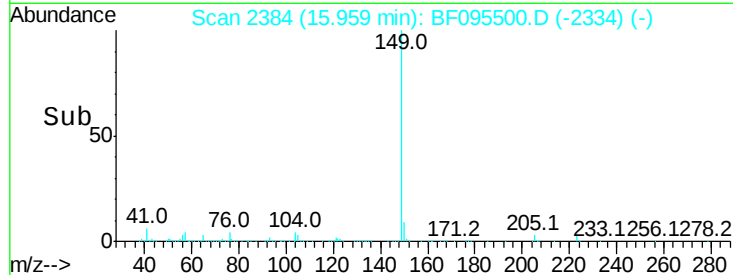
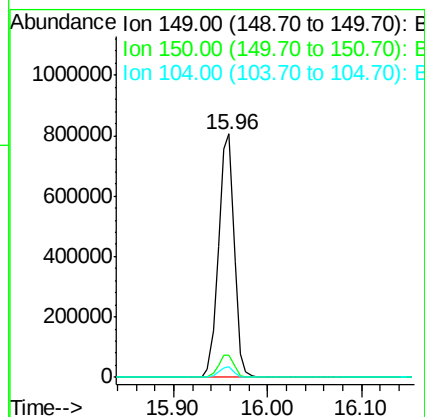
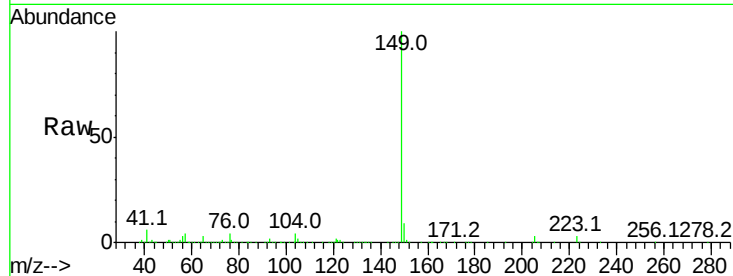
#73
Di-n-butylphthalate
Concen: 47.69 ng
RT: 15.96 min Scan# 2384
Delta R.T. -0.01 min
Lab File: BF095500.D
Acq: 27 May 2017 14:11

Instrument :
BNA_F
ClientSampled :
PB99295BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100			
150	9.0	7.7	11.5	
104	4.2	4.0	6.0	

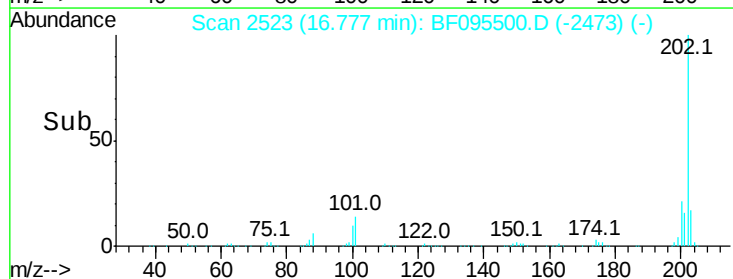
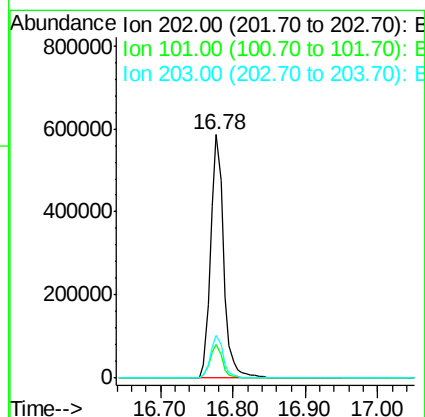
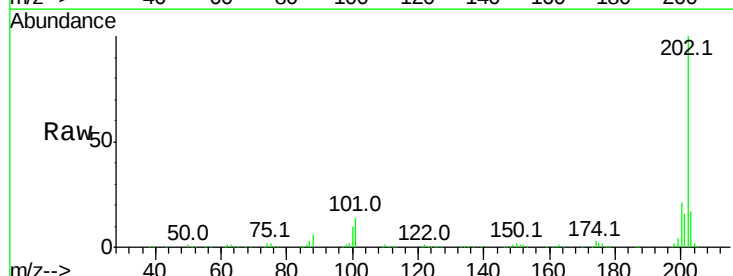
Manual Integrations
APPROVED

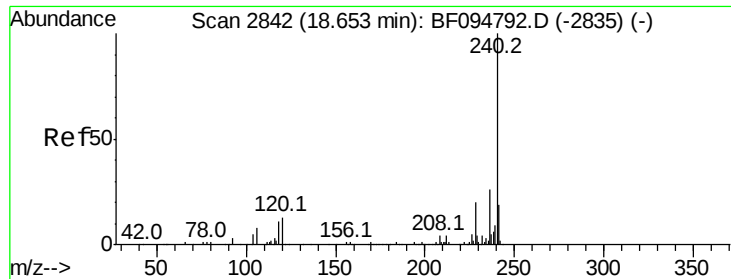
mohammad
5/31/2017 1:00:14 PM



#74
Fluoranthene
Concen: 41.85 ng
RT: 16.78 min Scan# 2523
Delta R.T. -0.01 min
Lab File: BF095500.D
Acq: 27 May 2017 14:11

Tgt Ion	Ratio	Resp	Lower	Upper
202	100			
101	13.8	0.0	33.2	
203	17.3	0.0	38.1	





#75

Chrysene-d12

Concen: 20.00 ng

RT: 18.67 min Scan# 2845

Delta R.T. -0.01 min

Lab File: BF095500.D

Acq: 27 May 2017 14:11

Instrument :

BNA_F

ClientSampleId :

PB99295BS

Tot Ion:240 Resp: 289348

Ion Ratio Lower Upper

240 100

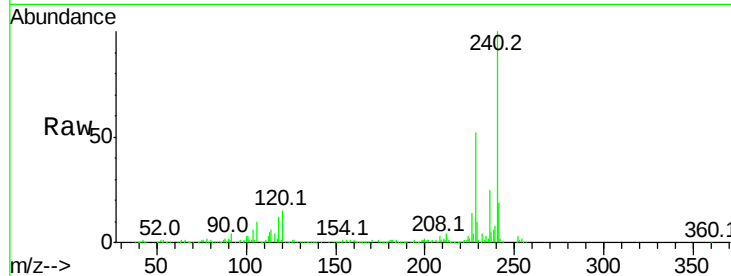
120 15.1 5.8 8.8#

236 24.7 20.5 30.7

Manual Integrations
APPROVED

mohammad

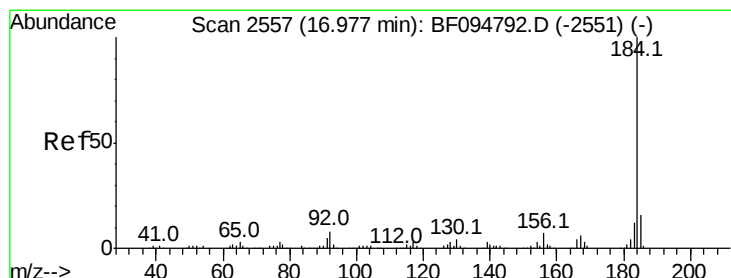
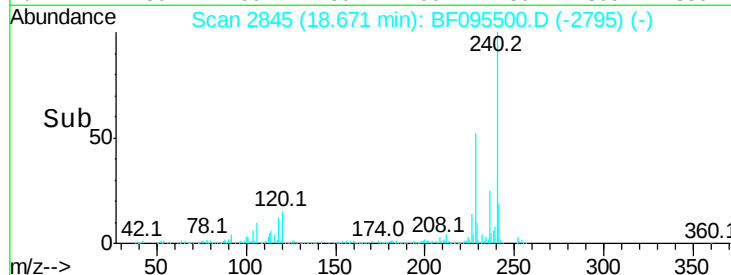
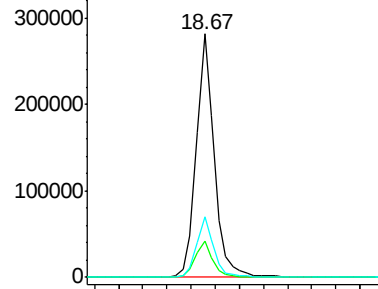
5/31/2017 1:00:14 PM



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 21.58 ng

RT: 17.01 min Scan# 2563

Delta R.T. 0.01 min

Lab File: BF095500.D

Acq: 27 May 2017 14:11

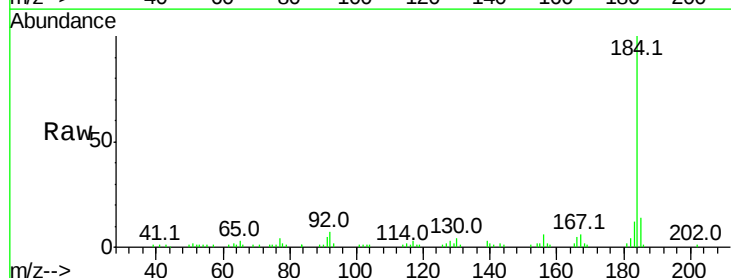
Tgt Ion:184 Resp: 136023

Ion Ratio Lower Upper

184 100

185 13.5 15.5 23.3#

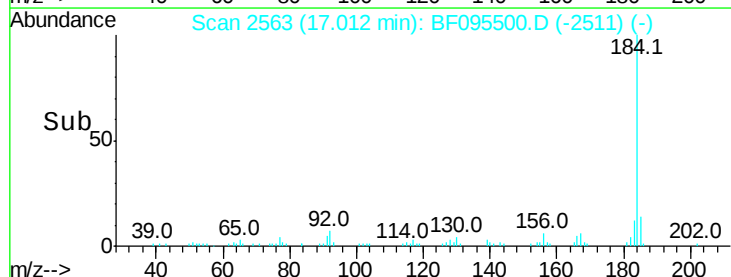
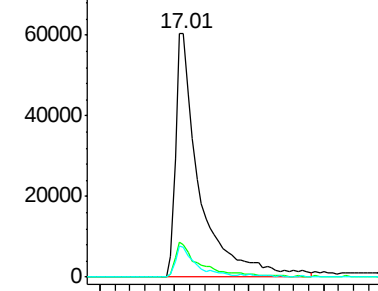
183 12.1 9.8 14.6

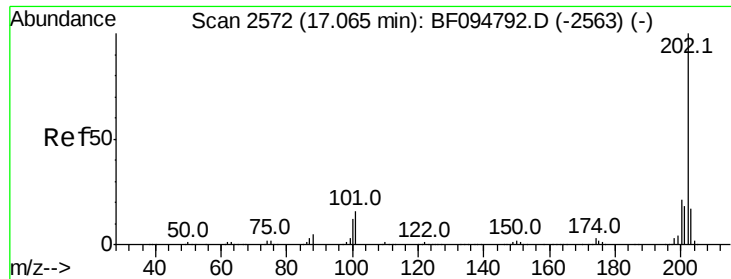


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





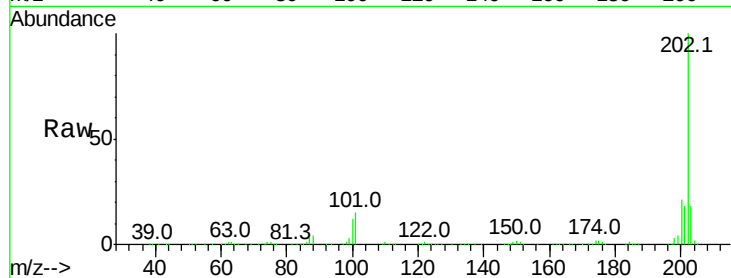
#77
Pvrene
Concen: 36.59 ng
RT: 17.08 min Scan# 2575
Delta R.T. -0.01 min
Lab File: BF095500.D
Acq: 27 May 2017 14:11

Instrument :
BNA_F
ClientSampleId :
PB99295BS

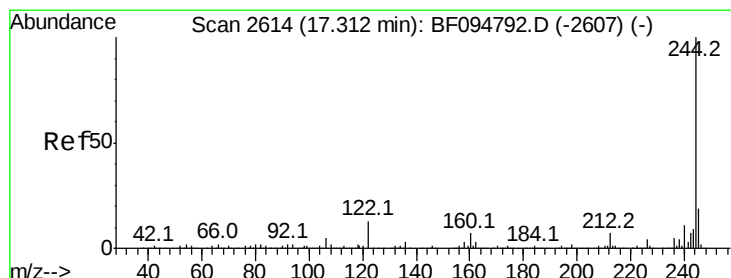
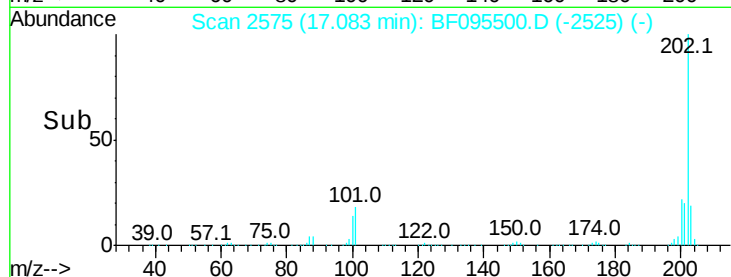
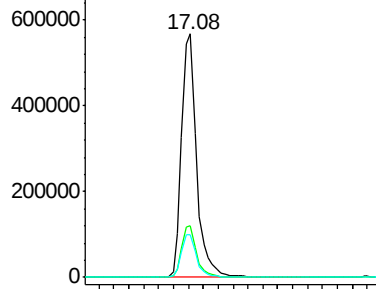
Tot Ion	Ratio	Resp	Lower	Upper
202	100	791869		
200	21.4		17.6	26.4
203	17.8		14.4	21.6

Manual Integrations
APPROVED

mohammad
5/31/2017 1:00:14 PM



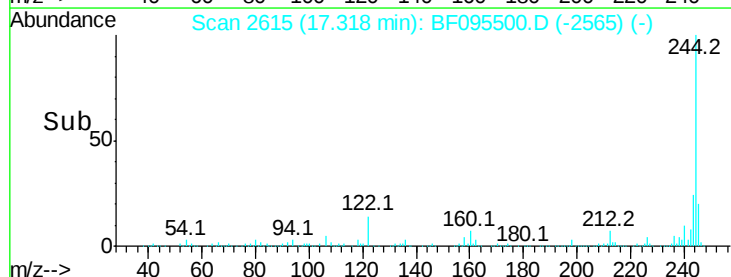
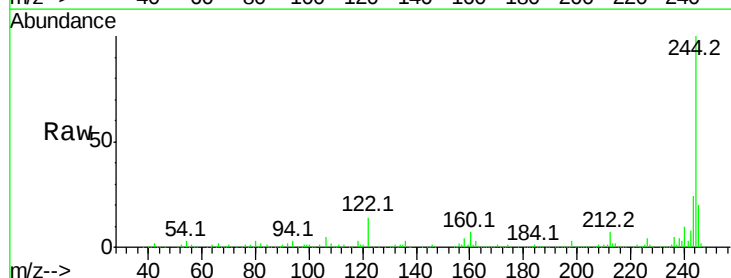
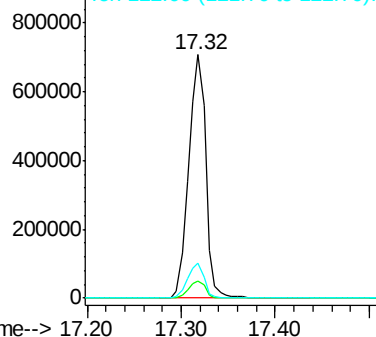
Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E



#78
Terphenyl-d14
Concen: 68.82 ng
RT: 17.32 min Scan# 2615
Delta R.T. -0.01 min
Lab File: BF095500.D
Acq: 27 May 2017 14:11

Tgt Ion	Ratio	Resp	Lower	Upper
244	100	904118		
212	7.2		6.0	9.0
122	14.3		10.3	15.5

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





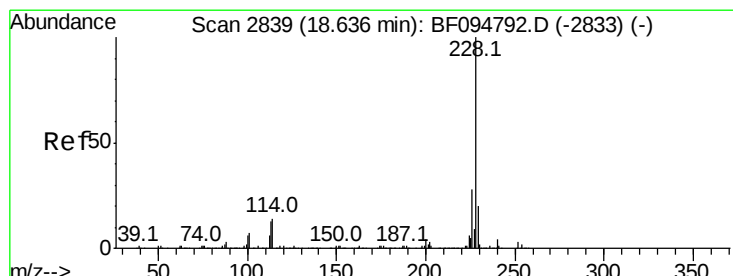
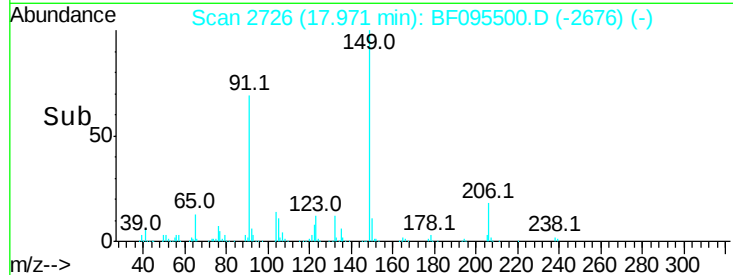
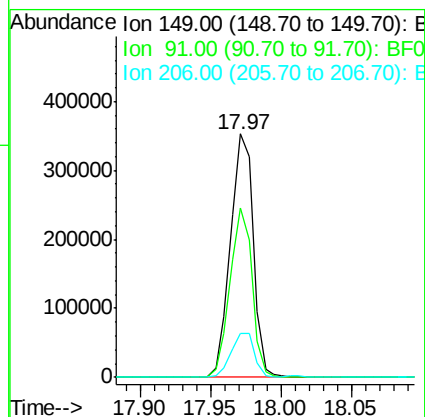
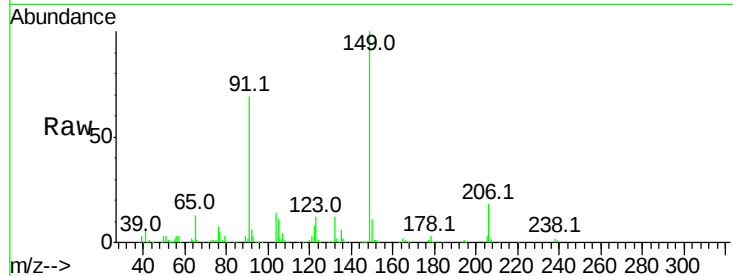
#79
Butylbenzylphthalate
Concen: 39.61 ng
RT: 17.97 min Scan# 2726
Delta R.T. -0.01 min
Lab File: BF095500.D
Acq: 27 May 2017 14:11

Instrument :
BNA_F
ClientSampleId :
PB99295BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	398696		
91	69.4	45.0	67.4#	
206	18.2	17.0	25.6	

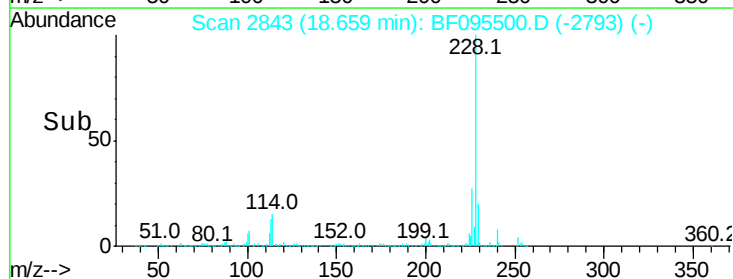
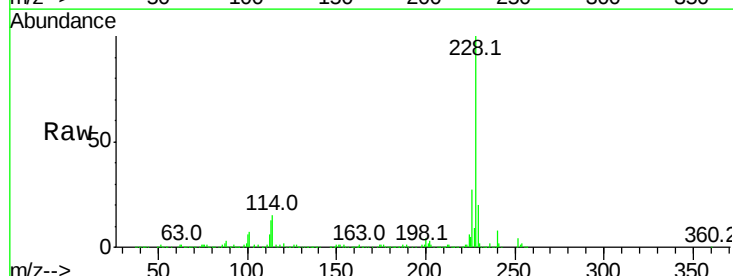
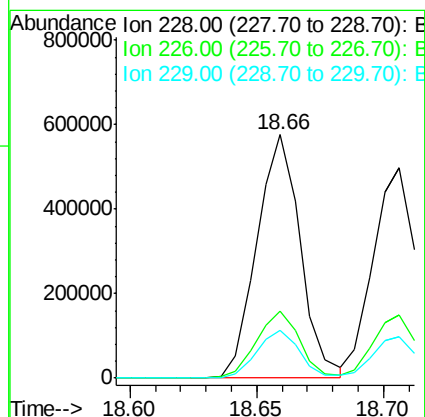
Manual Integrations
APPROVED

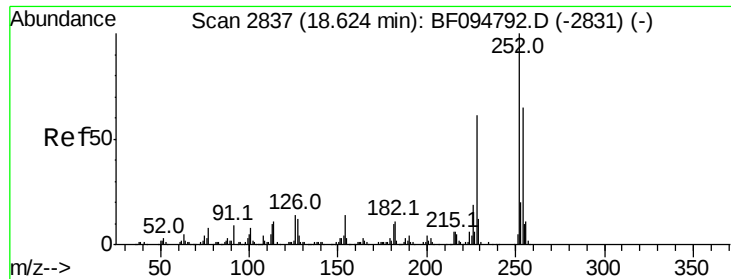
mohammad
5/31/2017 1:00:14 PM



#80
Benzo(a)anthracene
Concen: 41.02 ng
RT: 18.66 min Scan# 2843
Delta R.T. -0.01 min
Lab File: BF095500.D
Acq: 27 May 2017 14:11

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	690764		
226	27.3	22.6	33.8	
229	19.8	16.3	24.5	





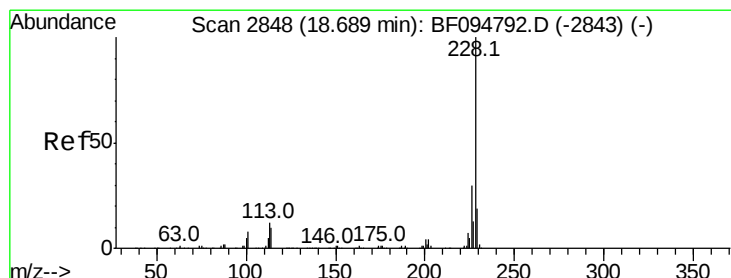
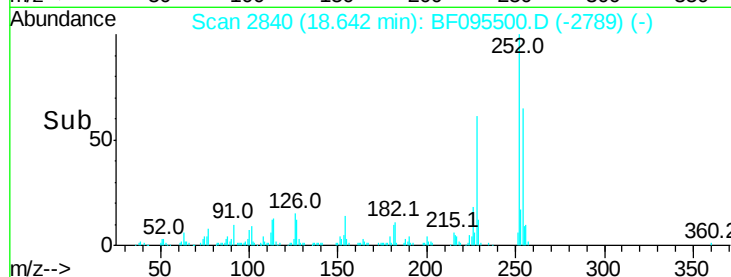
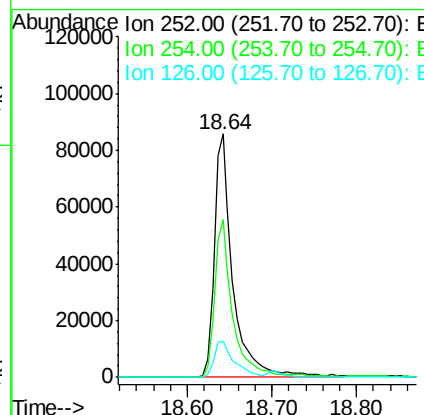
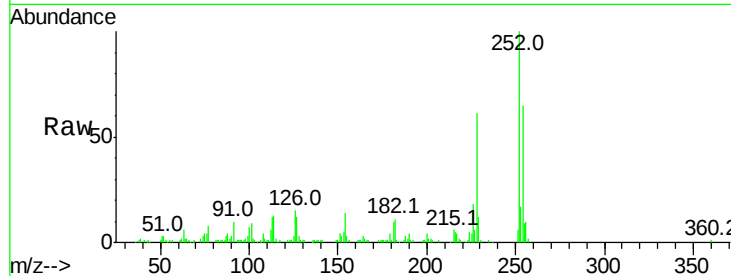
#81
 3,3'-Dichlorobenzidine
 Concen: 22.84 ng
 RT: 18.64 min Scan# 2840
 Delta R.T. 0.00 min
 Lab File: BF095500.D
 Acq: 27 May 2017 14:11

Instrument :
 BNA_F
 ClientSampleId :
 PB99295BS

Tot Ion	Ratio	Resp	Lower	Upper
252	100			
254	64.6	51.5	77.3	
126	14.9	15.8	23.8	

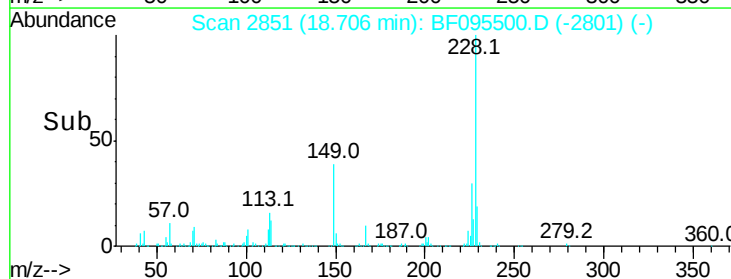
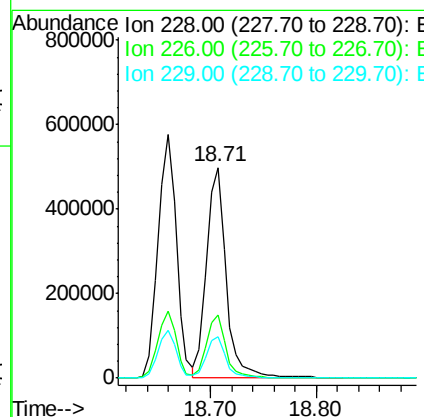
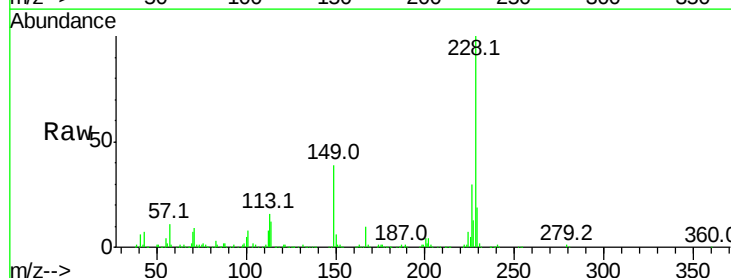
Manual Integrations
 APPROVED

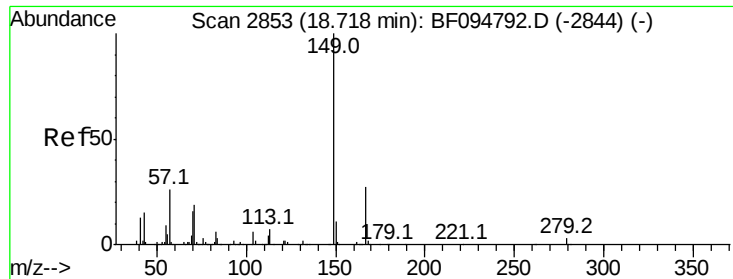
mohammad
 5/31/2017 1:00:14 PM



#82
 Chrysene
 Concen: 39.40 ng
 RT: 18.71 min Scan# 2851
 Delta R.T. -0.01 min
 Lab File: BF095500.D
 Acq: 27 May 2017 14:11

Tgt Ion	Ratio	Resp	Lower	Upper
228	100			
226	30.1	24.9	37.3	
229	19.4	15.8	23.6	





#83

Bis(2-ethylhexyl)phthalate

Concen: 37.37 ng

RT: 18.72 min Scan# 2853

Delta R.T. -0.01 min

Lab File: BF095500.D

Acq: 27 May 2017 14:11

Instrument :

BNA_F

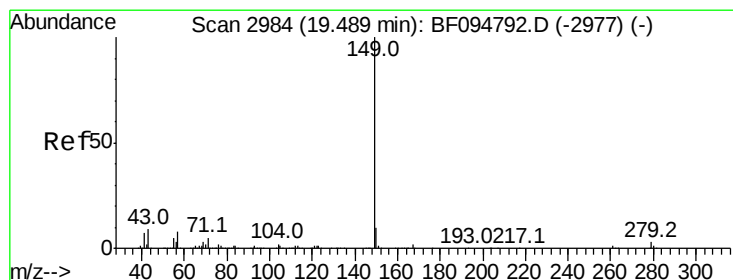
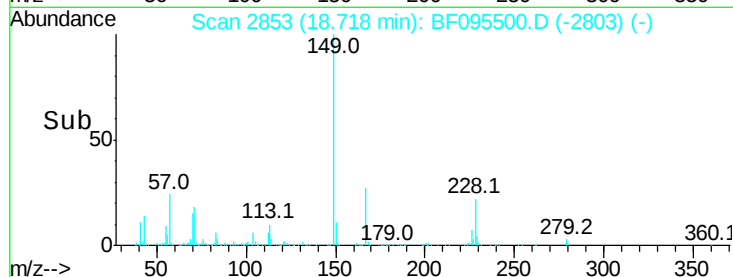
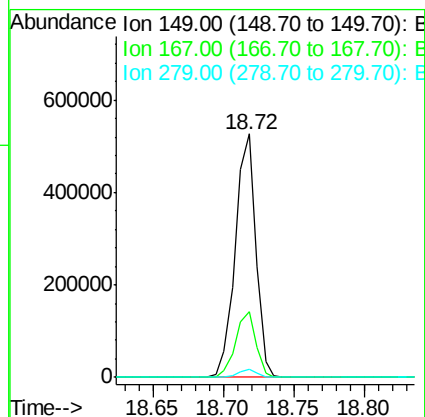
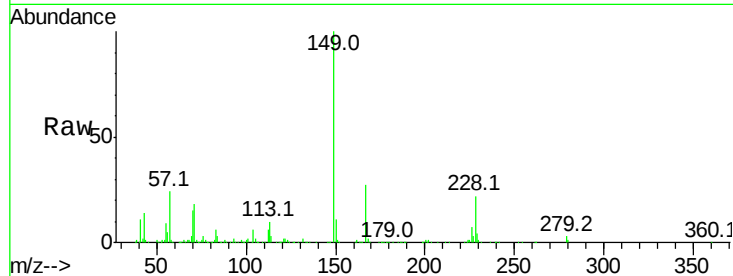
ClientSampleId :

PB99295BS

Tot Ion:	149	Resp:	535986
Ion Ratio	Lower	Upper	
149	100		
167	27.0	21.0	31.4
279	3.1	1.9	2.9#

Manual Integrations
APPROVED

mohammad
5/31/2017 1:00:14 PM



#84

Di-n-octyl phthalate

Concen: 39.03 ng

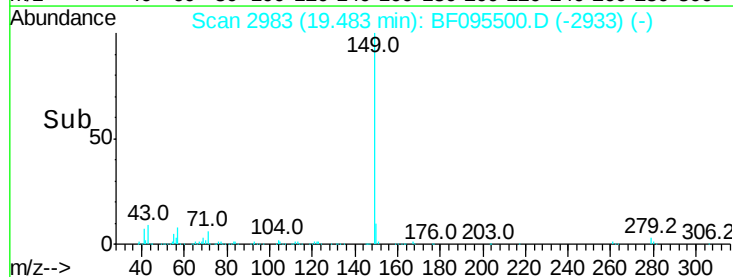
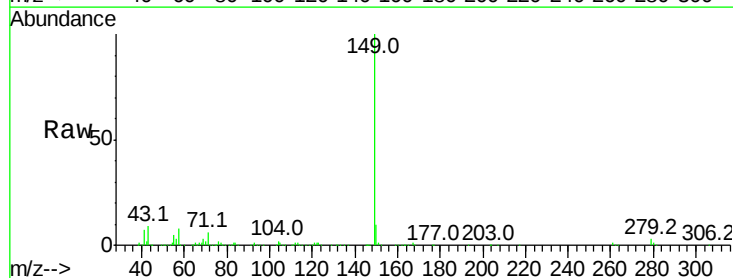
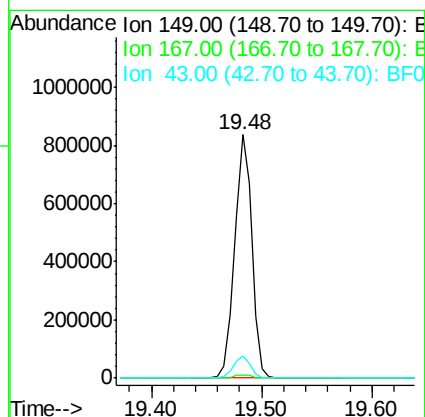
RT: 19.48 min Scan# 2983

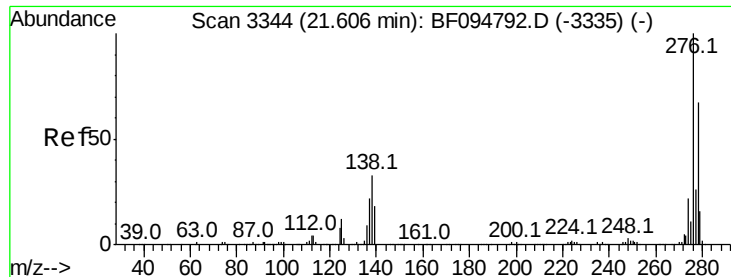
Delta R.T. -0.01 min

Lab File: BF095500.D

Acq: 27 May 2017 14:11

Tgt Ion:	149	Resp:	917809
Ion Ratio	Lower	Upper	
149	100		
167	1.6	1.2	1.8
43	8.8	8.5	12.7





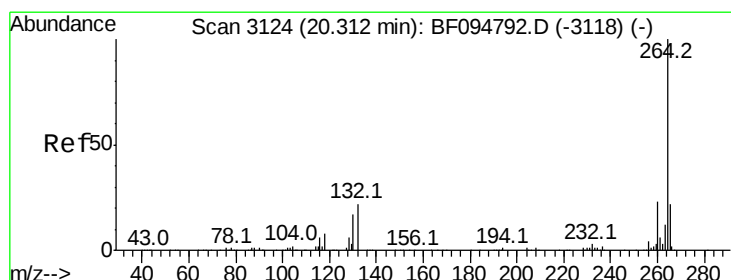
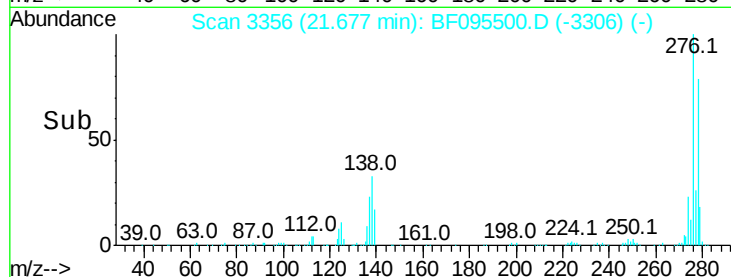
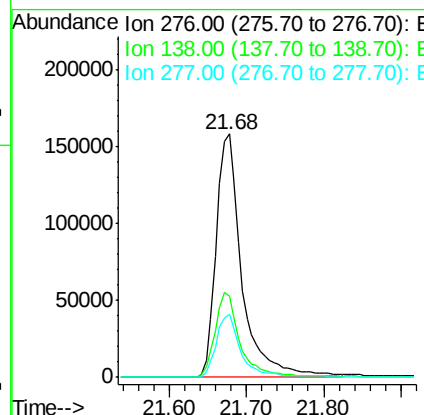
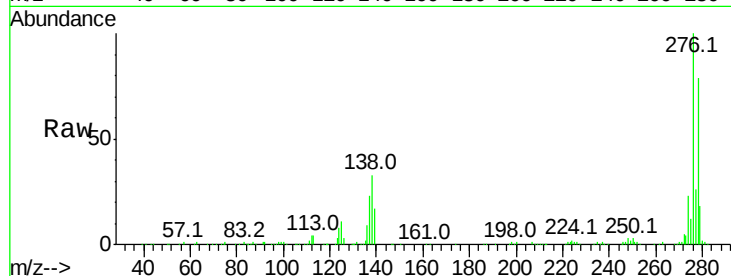
#85
Indeno(1,2,3-cd)pyrene
Concen: 27.71 ng
RT: 21.68 min Scan# 3356
Delta R.T. -0.01 min
Lab File: BF095500.D
Acq: 27 May 2017 14:11

Instrument :
BNA_F
ClientSampleId :
PB99295BS

Tot Ion	Ratio	Lower	Upper
276	100		
138	33.8	27.8	41.6
277	24.8	20.2	30.4

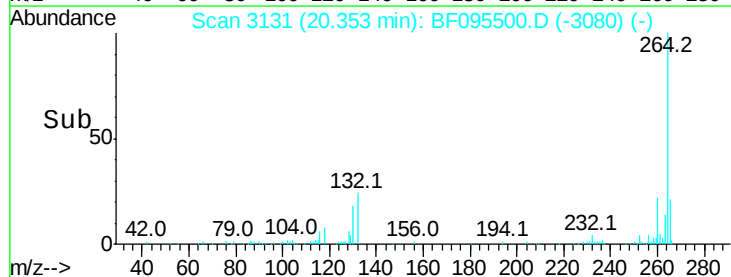
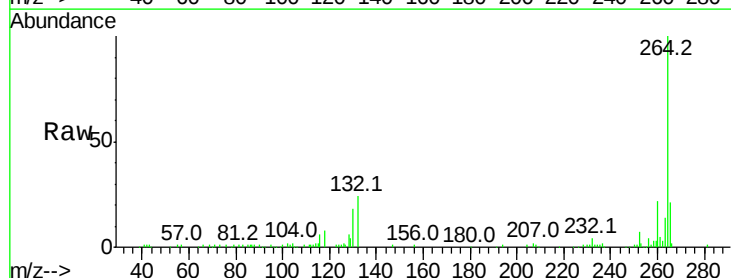
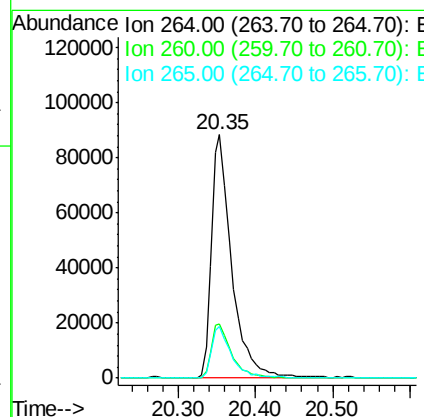
Manual Integrations
APPROVED

mohammad
5/31/2017 1:00:14 PM



#86
Perylene-d12
Concen: 20.00 ng
RT: 20.35 min Scan# 3131
Delta R.T. 0.00 min
Lab File: BF095500.D
Acq: 27 May 2017 14:11

Tgt Ion	Ratio	Lower	Upper
264	100		
260	22.3	19.5	29.3
265	21.0	17.2	25.8





#87

Benzo(b)fluoranthene

Concen: 53.84 ng

RT: 19.94 min Scan# 3060

Delta R.T. -0.01 min

Lab File: BF095500.D

Acq: 27 May 2017 14:11

Instrument :

BNA_F

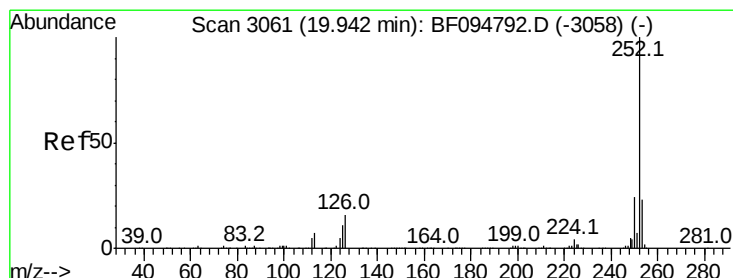
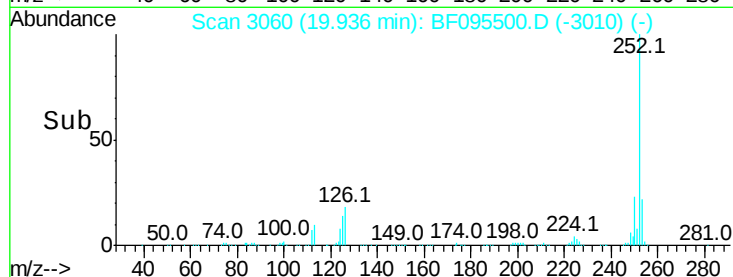
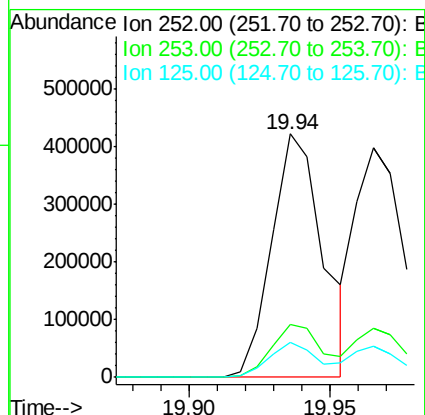
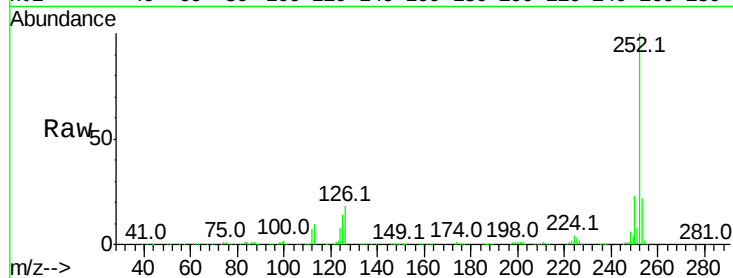
ClientSampled :

PB99295BS

Tot Ion	Ratio	Resp	Lower	Upper
252	100	531235		
253	21.8	18.1	27.1	
125	14.5	9.8	14.8	

Manual Integrations
APPROVED

mohammad
5/31/2017 1:00:14 PM



#88

Benzo(k)fluoranthene

Concen: 54.74 ng

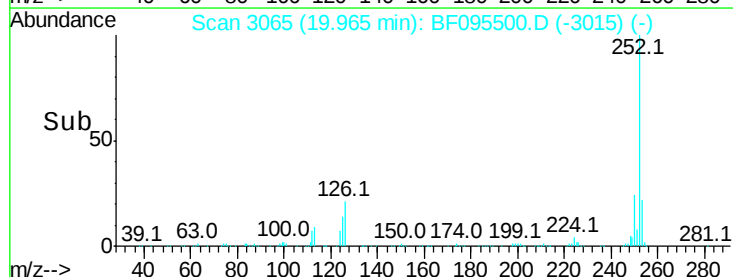
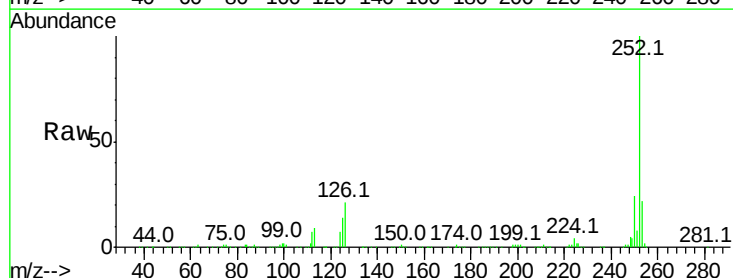
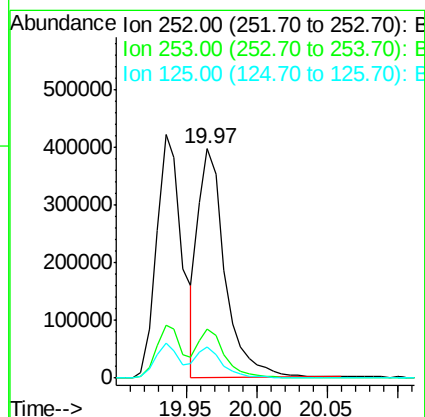
RT: 19.97 min Scan# 3065

Delta R.T. -0.01 min

Lab File: BF095500.D

Acq: 27 May 2017 14:11

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	521048		
253	21.6	18.4	27.6	
125	13.7	13.1	19.7	





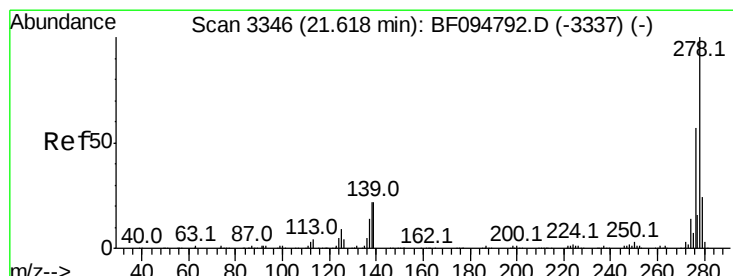
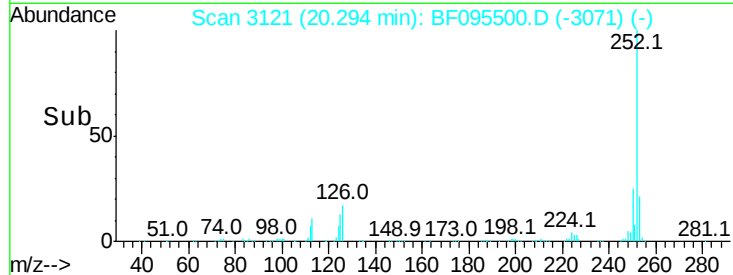
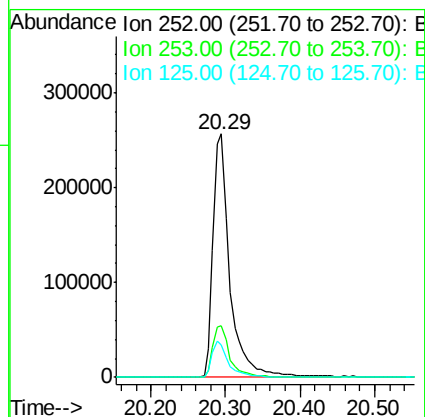
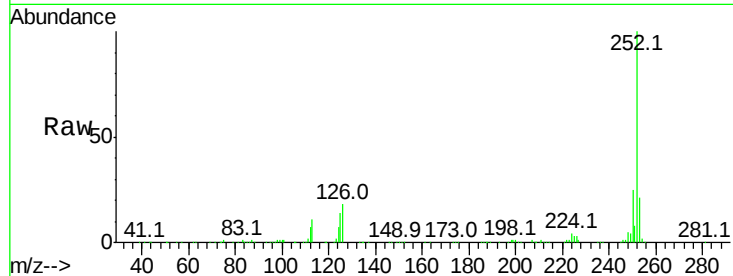
#89
Benzo(a)pyrene
Concen: 43.55 ng
RT: 20.29 min Scan# 3121
Delta R.T. -0.01 min
Lab File: BF095500.D
Acq: 27 May 2017 14:11

Instrument :
BNA_F
ClientSampleId :
PB99295BS

Tot Ion	Ratio	Resp	Lower	Upper
252	100			
253	21.4	17.5	26.3	
125	13.5	11.0	16.4	

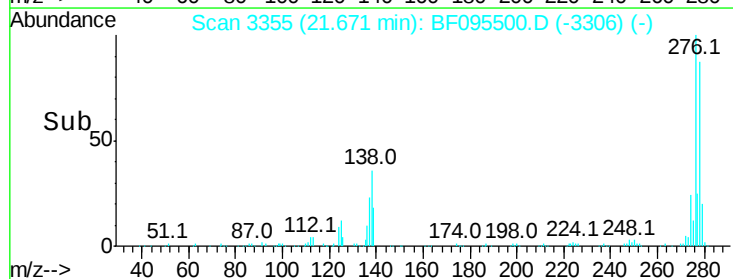
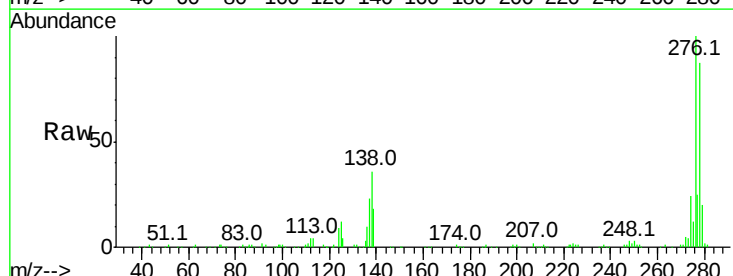
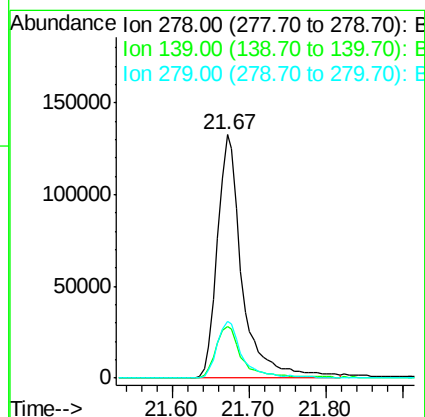
Manual Integrations
APPROVED

mohammad
5/31/2017 1:00:14 PM



#90
Dibenzo(a,h)anthracene
Concen: 39.32 ng
RT: 21.67 min Scan# 3355
Delta R.T. -0.01 min
Lab File: BF095500.D
Acq: 27 May 2017 14:11

Tgt Ion	Ratio	Resp	Lower	Upper
278	100			
139	21.0	16.6	24.8	
279	23.1	19.3	28.9	





#91
 Benzo(a,h,i)perylene
 Concen: 42.86 ng
 RT: 22.06 min Scan# 3422
 Delta R.T. -0.01 min
 Lab File: BF095500.D
 Acq: 27 May 2017 14:11

Instrument :
 BNA_F
 ClientSampleId :
 PB99295BS

Tot Ion:	276	Resp:	316302
Ion Ratio	Lower	Upper	
276	100		
277	22.7	18.6	28.0
138	30.5	25.4	38.0

Manual Integrations
 APPROVED

mohammad
 5/31/2017 1:00:14 PM

