

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051017\
 Data File : BF095063.D
 Acq On : 10 May 2017 19:02
 Operator : SJ/MA
 Sample : I3037-12MS
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HY-SB423BMS

Manual Integrations
 APPROVED

mohammad
 5/11/2017 2:25:27 PM

Quant Time: May 11 07:40:10 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 03 17:24:51 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.71	152	87372	20.00	ng	-0.02
21) Naphthalene-d8	9.73	136	360650	20.00	ng	-0.02
38) Acenaphthene-d10	12.56	164	166662	20.00	ng	-0.02
63) Phenanthrene-d10	14.96	188	304909	20.00	ng	-0.02
75) Chrysene-d12	18.64	240	228330	20.00	ng	-0.02
86) Perylene-d12	20.30	264	179524	20.00	ng	-0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.67	112	833448	159.04	ng	-0.01
7) Phenol-d6	7.27	99	1004605	159.77	ng	-0.01
23) Nitrobenzene-d5	8.62	82	587627	102.74	ng	-0.02
41) 2,4,6-Tribromophenol	13.87	330	214796	157.37	ng	-0.02
44) 2-Fluorobiphenyl	11.51	172	1112544	96.08	ng	-0.02
78) Terphenyl-d14	17.29	244	1011264	97.55	ng	-0.02

Target Compounds					Qvalue
2) 1,4-Dioxane	2.10	88	107871	41.97 ng	95
3) Pyridine	2.78	79	259169	43.51 ng	99
4) n-Nitrosodimethylamine	2.71	42	124092	49.98 ng	88
6) Aniline	7.21	93	292570	36.86 ng	95
8) 2-Chlorophenol	7.40	128	306503	51.38 ng	97
9) Benzaldehyde	7.04	77	33365	8.69 ng	95
10) Phenol	7.28	94	349791	52.79 ng	90
11) bis(2-Chloroethyl)ether	7.35	93	271065	49.55 ng	97
12) 1,3-Dichlorobenzene	7.61	146	324972	48.03 ng	99
13) 1,4-Dichlorobenzene	7.74	146	330085	48.10 ng	98
14) 1,2-Dichlorobenzene	7.97	146	311826	48.68 ng	96
15) Benzyl Alcohol	8.00	79	241275	59.66 ng	96
16) 2,2'-oxybis(1-Chloropropan	8.20	45	361150	46.65 ng	95
17) 2-Methylphenol	8.22	107	249991	51.21 ng	95
18) Hexachloroethane	8.49	117	109101	46.94 ng	# 85
19) n-Nitroso-di-n-propylamine	8.42	70	207856	48.88 ng	94
20) 3+4-Methylphenols	8.47	107	325602	49.09 ng	# 58
22) Acetophenone	8.38	105	428941	49.57 ng	# 84
24) Nitrobenzene	8.64	77	298580	49.81 ng	95
25) Isophorone	9.04	82	522990	51.21 ng	95
26) 2-Nitrophenol	9.15	139	167211	51.69 ng	98
27) 2,4-Dimethylphenol	9.29	122	260180	49.75 ng	98
28) bis(2-Chloroethoxy)methane	9.41	93	342429	48.47 ng	99
29) 2,4-Dichlorophenol	9.58	162	259620	52.57 ng	99
30) 1,2,4-Trichlorobenzene	9.65	180	254413	48.09 ng	97
31) Naphthalene	9.77	128	870308	48.01 ng	100
32) Benzoic acid	9.62	122	159613	46.64 ng	98
33) 4-Chloroaniline	9.92	127	62015	9.18 ng	93
34) Hexachlorobutadiene	9.98	225	128600	46.07 ng	98
35) Caprolactam	10.54	113	77949m	52.57 ng	
36) 4-Chloro-3-methylphenol	10.77	107	264165	50.03 ng	89
37) 2-Methylnaphthalene	10.89	142	590658	49.65 ng	99
39) 1,2,4,5-Tetrachlorobenzene	11.17	216	230107	44.90 ng	100
40) Hexachlorocyclopentadiene	11.14	237	150749	70.72 ng	99

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051017\
 Data File : BF095063.D
 Acq On : 10 May 2017 19:02
 Operator : SJ/MA
 Sample : I3037-12MS
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HY-SB423BMS

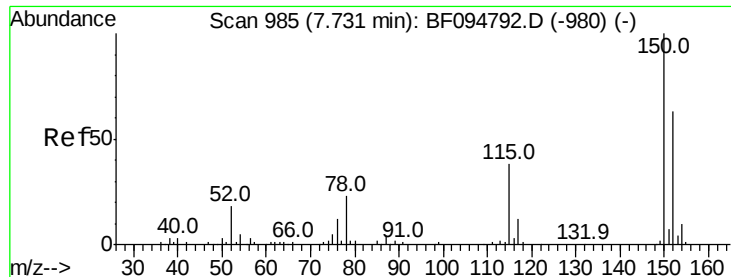
Manual Integrations
 APPROVED

mohammad
 5/11/2017 2:25:27 PM

Quant Time: May 11 07:40:10 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 03 17:24:51 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	11.39	196	160005	46.76	nq	94
43) 2,4,5-Trichlorophenol	11.49	196	157842	42.92	nq	# 94
45) 1,1'-Biphenyl	11.65	154	668744	47.66	nq	98
46) 2-Chloronaphthalene	11.67	162	537000	47.40	nq	95
47) 2-Nitroaniline	11.89	65	150359	48.49	nq	# 85
48) Acenaphthylene	12.33	152	864720	48.73	nq	99
49) Dimethylphthalate	12.21	163	760326	55.57	nq	99
50) 2,6-Dinitrotoluene	12.30	165	139919	50.13	nq	97
51) Acenaphthene	12.61	154	500868	47.25	nq	99
52) 3-Nitroaniline	12.57	138	64380	21.49	nq	90
53) 2,4-Dinitrophenol	12.77	184	72999	50.02	nq	# 68
54) Dibenzofuran	12.90	168	774023	52.77	nq	99
55) 4-Nitrophenol	12.97	139	183334	101.89	nq	# 70
56) 2,4-Dinitrotoluene	12.96	165	195524	54.51	nq	# 86
57) Fluorene	13.45	166	609646	47.80	nq	99
58) 2,3,4,6-Tetrachlorophenol	13.15	232	130351m	56.31	nq	
59) Diethylphthalate	13.35	149	605765	46.19	nq	99
60) 4-Chlorophenyl-phenylether	13.48	204	267108	47.65	nq	93
61) 4-Nitroaniline	13.58	138	126975	46.17	nq	94
62) Azobenzene	13.74	77	572036	54.28	nq	95
64) 4,6-Dinitro-2-methylphenol	13.63	198	63378	31.01	nq	# 70
65) n-Nitrosodiphenylamine	13.69	169	520277	47.01	nq	98
66) 4-Bromophenyl-phenylether	14.27	248	152259	47.27	nq	99
67) Hexachlorobenzene	14.35	284	155247	47.03	nq	# 88
68) Atrazine	14.61	200	152828	48.91	nq	97
69) Pentachlorophenol	14.70	266	133988	89.05	nq	97
70) Phenanthrene	15.00	178	860847	49.14	nq	98
71) Anthracene	15.08	178	904069	50.52	nq	98
72) Carbazole	15.37	167	843936	51.83	nq	99
73) Di-n-butylphthalate	15.93	149	1023716	50.42	nq	99
74) Fluoranthene	16.74	202	904847	50.35	nq	99
76) Benzidine	16.97	184	214005	36.49	nq	# 93
77) Pyrene	17.04	202	911306	53.37	nq	99
79) Butylbenzylphthalate	17.95	149	418805	52.73	nq	88
80) Benzo(a)anthracene	18.62	228	658430	49.55	nq	99
81) 3,3'-Dichlorobenzidine	18.60	252	165971	36.16	nq	# 95
82) Chrysene	18.67	228	624040	48.57	nq	99
83) Bis(2-ethylhexyl)phthalate	18.69	149	577247	51.01	nq	# 100
84) Di-n-octyl phthalate	19.46	149	875688	47.20	nq	96
85) Indeno(1,2,3-cd)pyrene	21.59	276	552176	52.92	nq	99
87) Benzo(b)fluoranthene	19.89	252	530178	47.79	nq	97
88) Benzo(k)fluoranthene	19.92	252	523036m	48.88	nq	
89) Benzo(a)pyrene	20.24	252	514393	50.25	nq	98
90) Dibenzo(a,h)anthracene	21.59	278	461639	54.61	nq	98
91) Benzo(g,h,i)perylene	21.96	276	503968	60.75	nq	97

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



#1

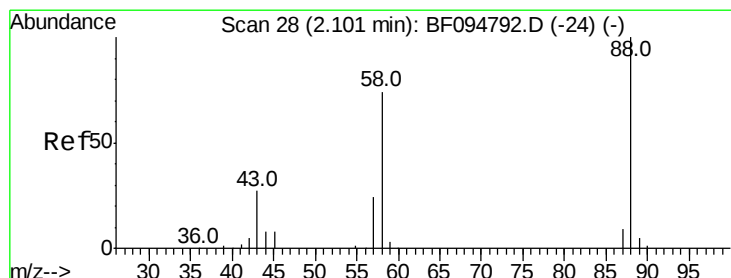
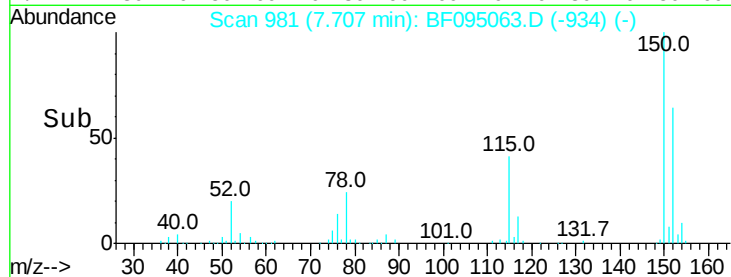
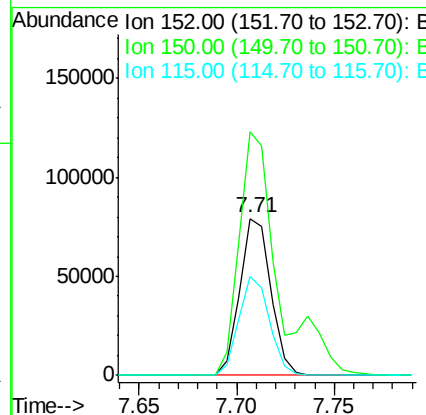
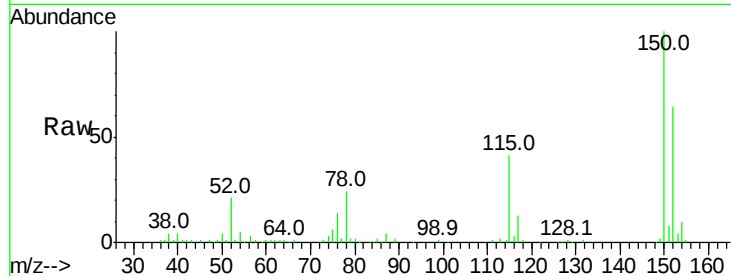
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.71 min Scan# 981
Delta R.T. -0.02 min
Lab File: BF095063.D
Acq: 10 May 2017 19:02

Instrument :
BNA_F
ClientSampleId :
HY-SB423BMS

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.2	126.2	189.2
115	63.3	52.2	78.2

Manual Integrations
APPROVED

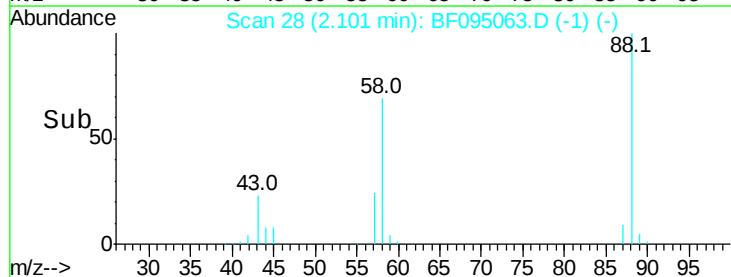
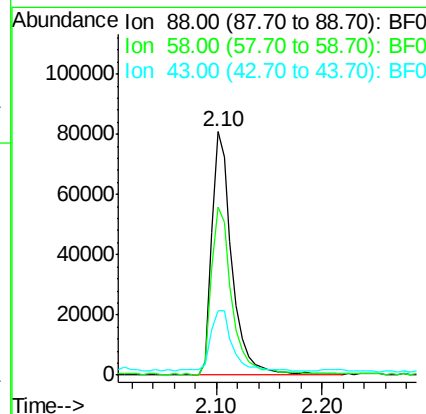
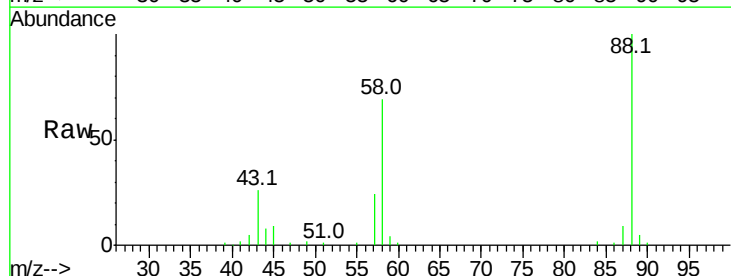
mohammad
5/11/2017 2:25:27 PM

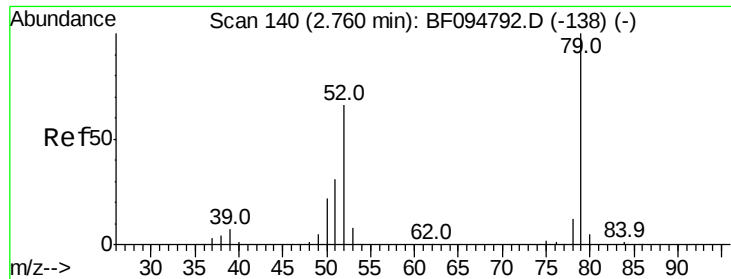


#2

1,4-Dioxane
Concen: 41.97 ng
RT: 2.10 min Scan# 28
Delta R.T. -0.00 min
Lab File: BF095063.D
Acq: 10 May 2017 19:02

Tgt Ion	Ratio	Lower	Upper
88	100		
58	71.9	61.4	92.0
43	27.9	23.4	35.0





#3

Pvridine

Concen: 43.51 ng

RT: 2.78 min Scan# 144

Delta R.T. 0.02 min

Lab File: BF095063.D

Acq: 10 May 2017 19:02

Instrument :

BNA_F

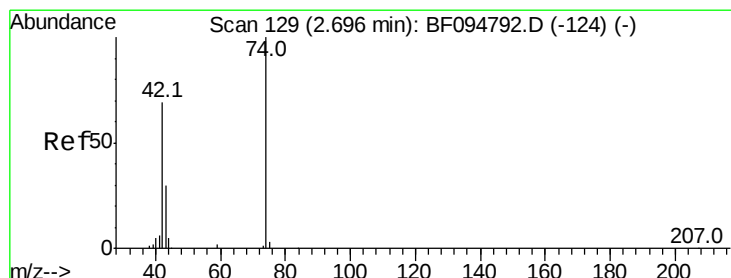
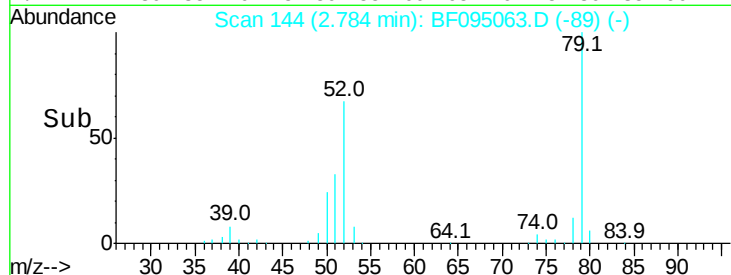
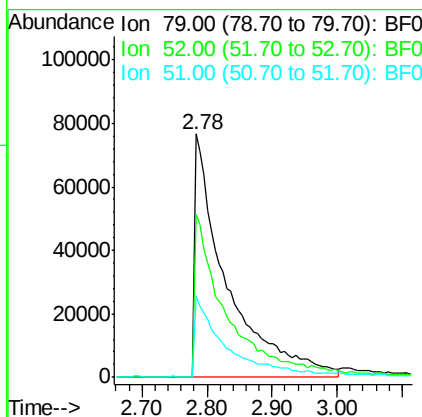
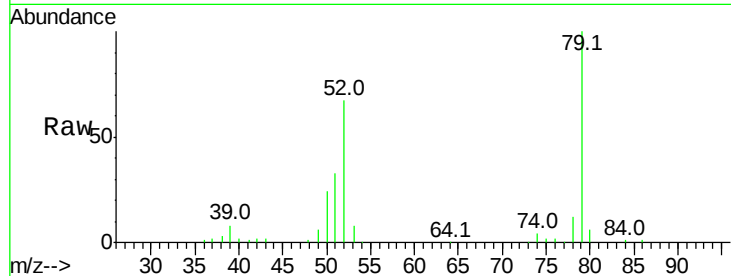
ClientSampleId :

HY-SB423BMS

Tot Ion:	79	Resp:	259169
Ion Ratio	Lower	Upper	
79	100		
52	67.0	54.8	82.2
51	33.4	27.0	40.4

Manual Integrations
APPROVED

mohammad
5/11/2017 2:25:27 PM



#4

n-Nitrosodimethylamine

Concen: 49.98 ng

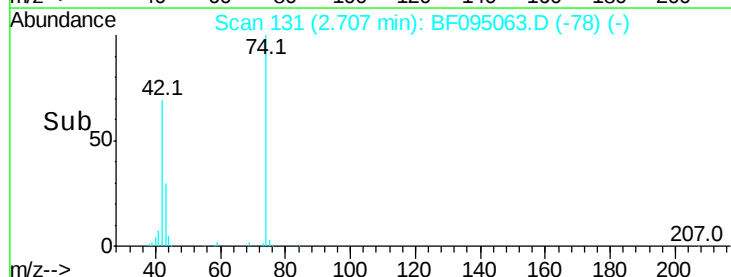
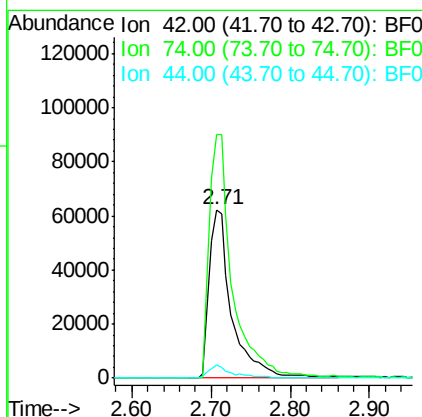
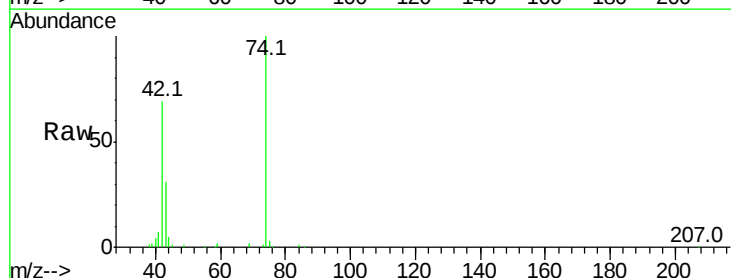
RT: 2.71 min Scan# 131

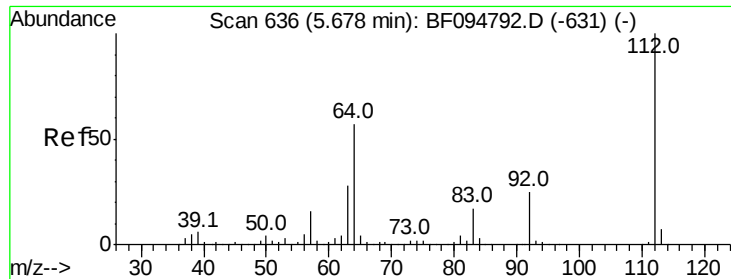
Delta R.T. 0.01 min

Lab File: BF095063.D

Acq: 10 May 2017 19:02

Tgt Ion:	42	Resp:	124092
Ion Ratio	Lower	Upper	
42	100		
74	144.5	103.9	155.9
44	7.8	5.7	8.5





#5

2-Fluorophenol

Concen: 159.04 ng

RT: 5.67 min Scan# 634

Delta R.T. -0.01 min

Lab File: BF095063.D

Acq: 10 May 2017 19:02

Instrument :

BNA_F

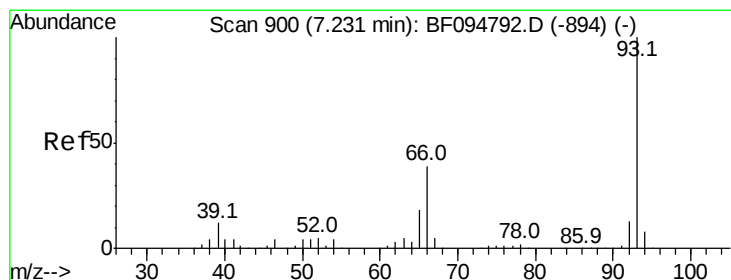
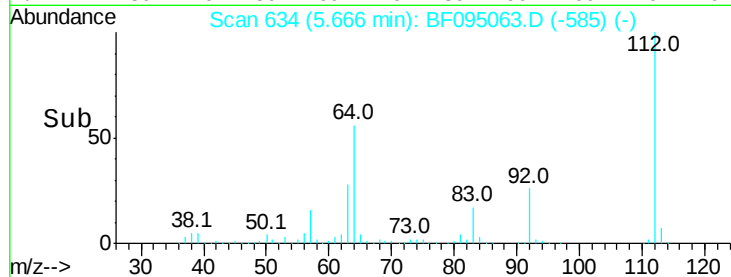
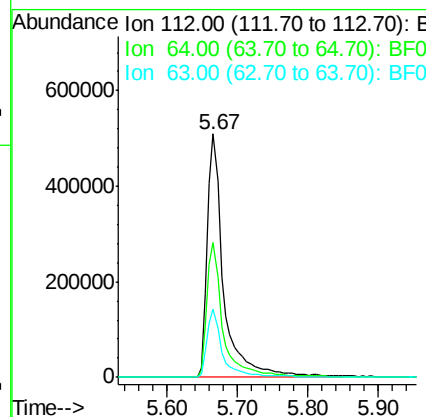
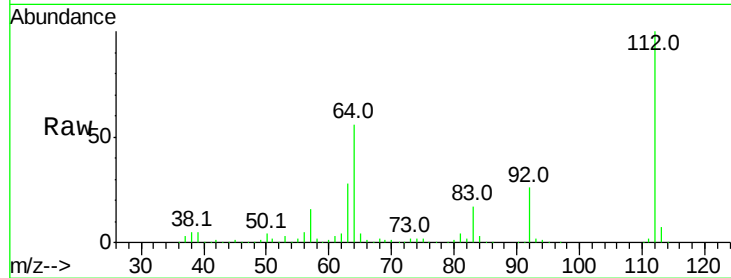
ClientSampleId :

HY-SB423BMS

Tot Ion:	112	Resp:	833448
Ion Ratio	Lower	Upper	
112	100		
64	55.6	46.0	69.0
63	27.9	23.4	35.0

Manual Integrations
APPROVED

mohammad
5/11/2017 2:25:27 PM



#6

Aniline

Concen: 36.86 ng

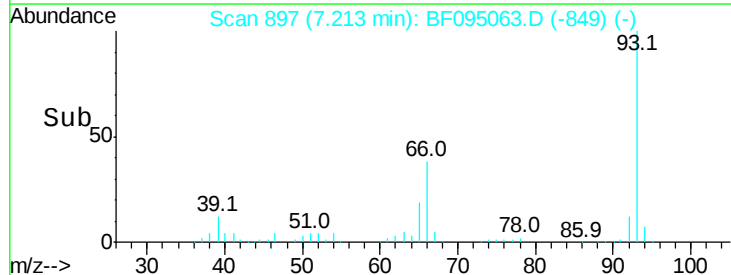
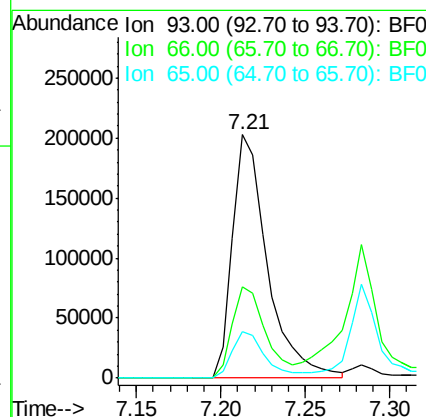
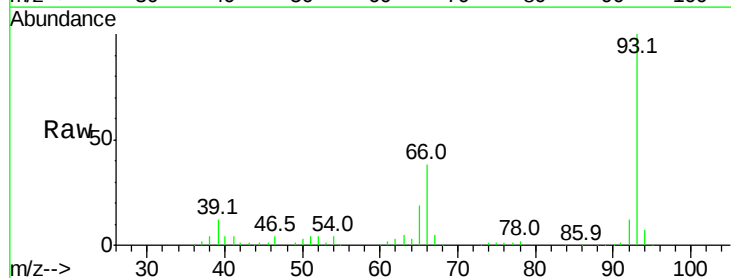
RT: 7.21 min Scan# 897

Delta R.T. -0.02 min

Lab File: BF095063.D

Acq: 10 May 2017 19:02

Tgt Ion:	93	Resp:	292570
Ion Ratio	Lower	Upper	
93	100		
66	37.6	32.9	49.3
65	18.9	16.0	24.0





#7

Phenol-d6

Concen: 159.77 ng

RT: 7.27 min Scan# 906

Delta R.T. -0.01 min

Lab File: BF095063.D

Acq: 10 May 2017 19:02

Instrument :

BNA_F

ClientSampleId :

HY-SB423BMS

Tot Ion: 99 Resp: 1004605

Ion Ratio Lower Upper

99 100

42 16.4 13.5 20.3

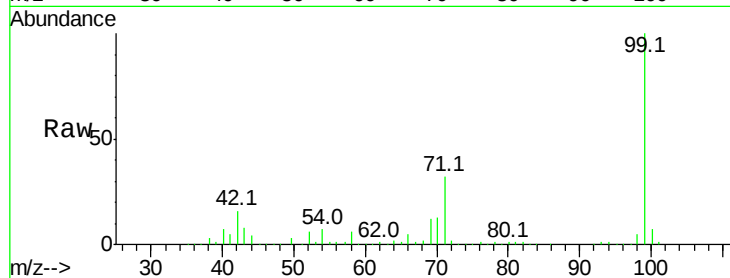
71 32.4 24.5 36.7

Manual Integrations

APPROVED

mohammad

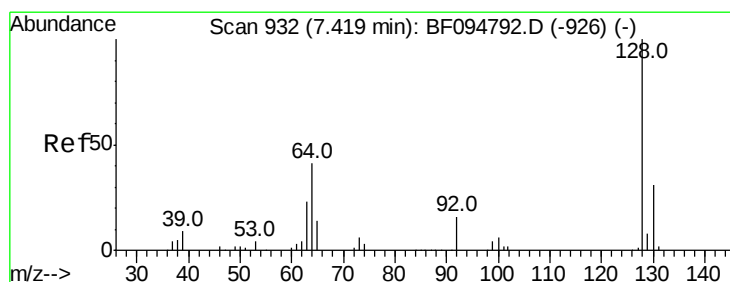
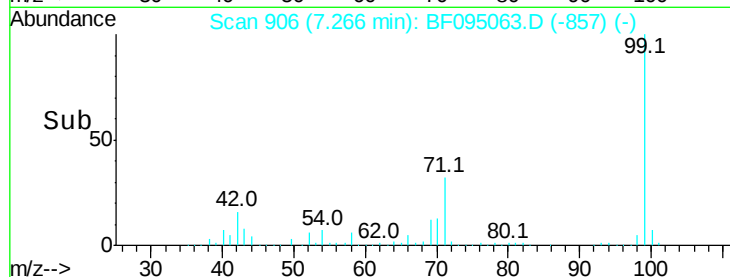
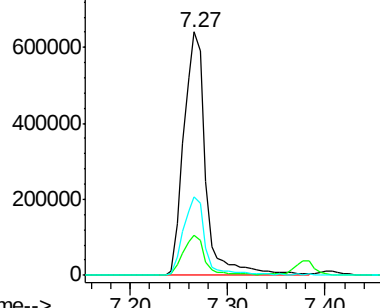
5/11/2017 2:25:27 PM



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: 51.38 ng

RT: 7.40 min Scan# 929

Delta R.T. -0.02 min

Lab File: BF095063.D

Acq: 10 May 2017 19:02

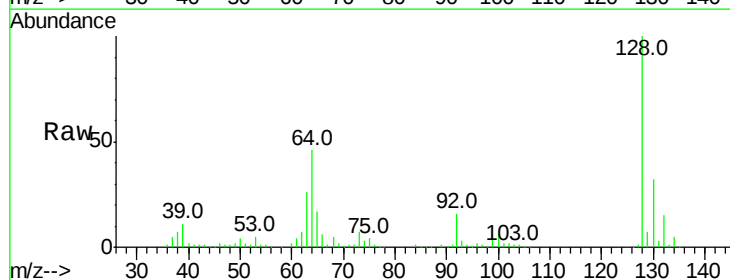
Tgt Ion:128 Resp: 306503

Ion Ratio Lower Upper

128 100

130 31.7 12.9 52.9

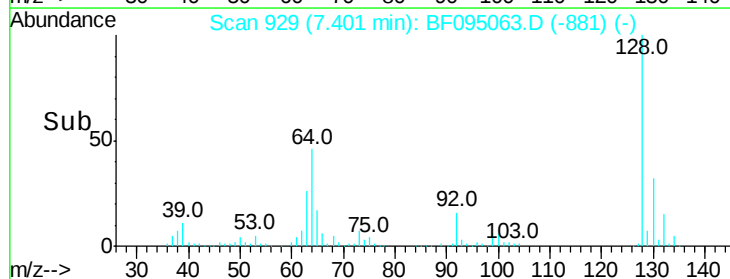
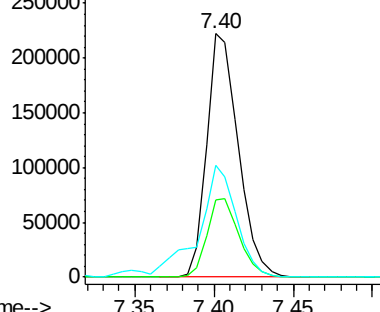
64 45.7 28.4 68.4

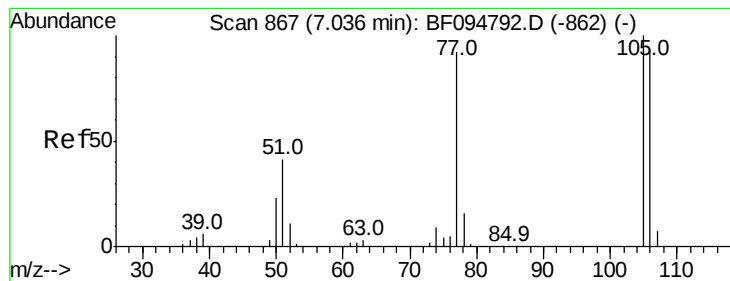


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 8.69 ng

RT: 7.04 min Scan# 868

Delta R.T. 0.01 min

Lab File: BF095063.D

Acq: 10 May 2017 19:02

Instrument :

BNA_F

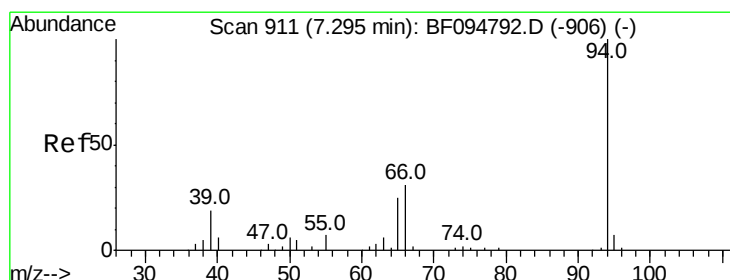
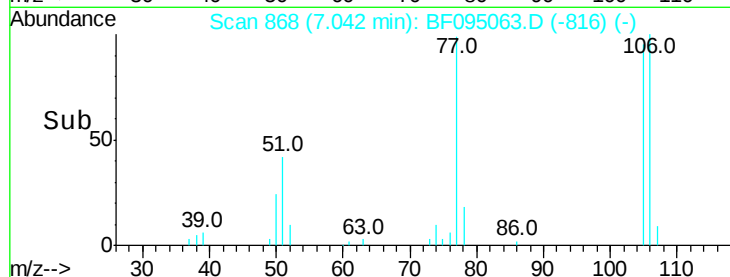
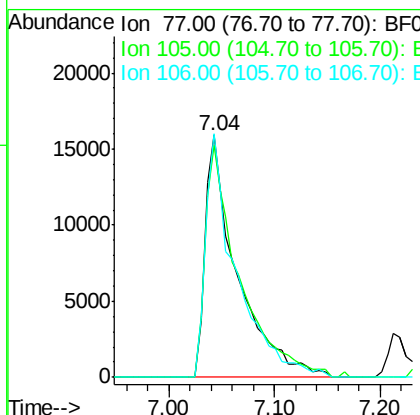
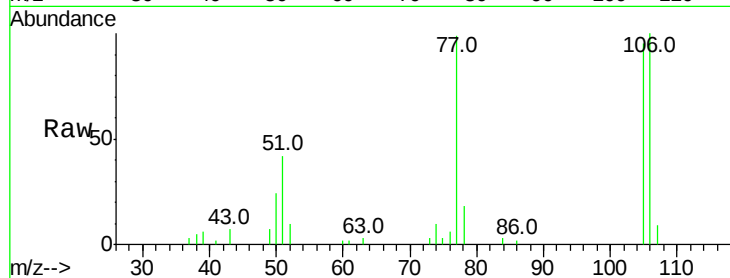
ClientSampleId :

HY-SB423BMS

Tot Ion:	77	Resp:	33365
Ion Ratio	Lower	Upper	
77	100		
105	96.0	83.8	123.8
106	100.6	79.1	119.1

Manual Integrations
APPROVED

mohammad
5/11/2017 2:25:27 PM



#10

Phenol

Concen: 52.79 ng

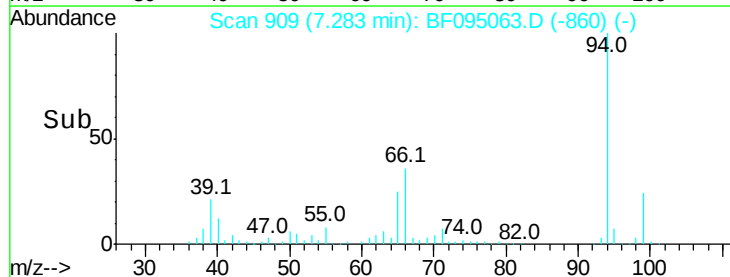
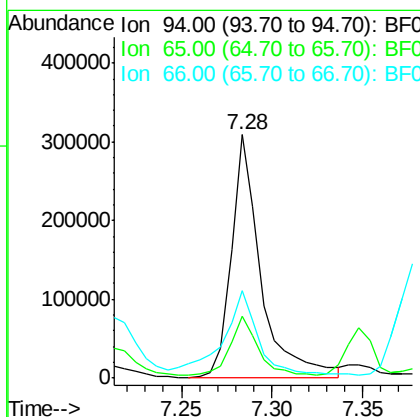
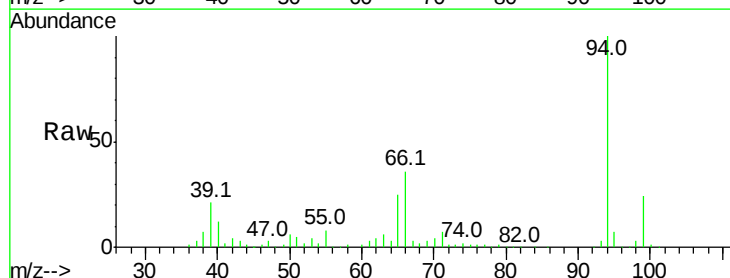
RT: 7.28 min Scan# 909

Delta R.T. -0.01 min

Lab File: BF095063.D

Acq: 10 May 2017 19:02

Tgt Ion:	94	Resp:	349791
Ion Ratio	Lower	Upper	
94	100		
65	25.3	9.9	49.9
66	36.2	23.1	63.1





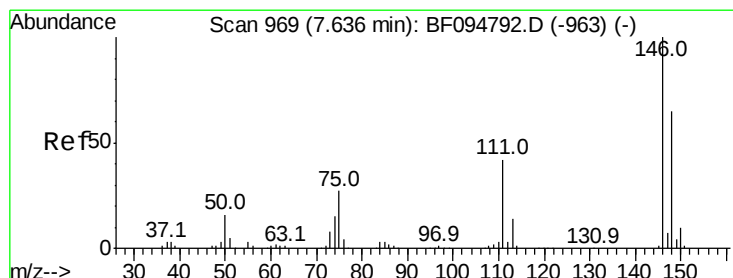
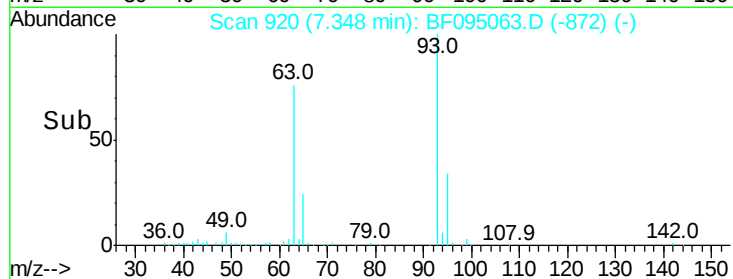
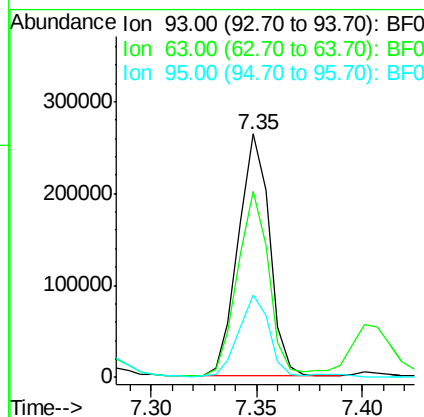
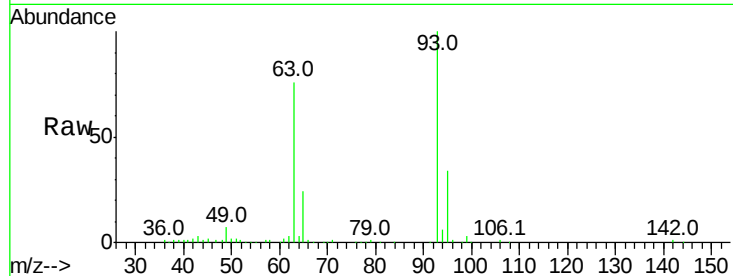
#11
bis(2-Chloroethyl)ether
Concen: 49.55 ng
RT: 7.35 min Scan# 920
Delta R.T. -0.02 min
Lab File: BF095063.D
Acq: 10 May 2017 19:02

Instrument :
BNA_F
ClientSampleId :
HY-SB423BMS

Tot Ion	Ratio	Resp	Lower	Upper
93	100	271065		
63	76.5	59.2	99.2	
95	33.8	12.8	52.8	

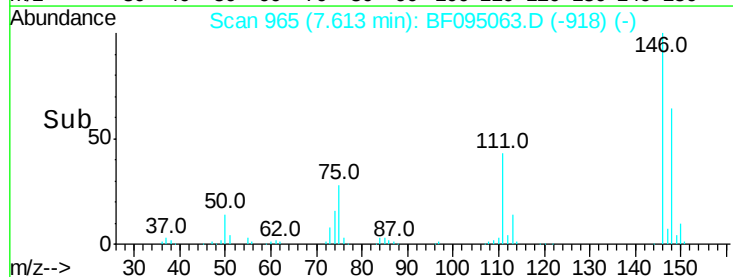
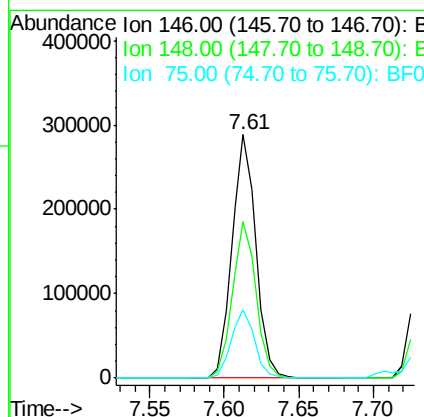
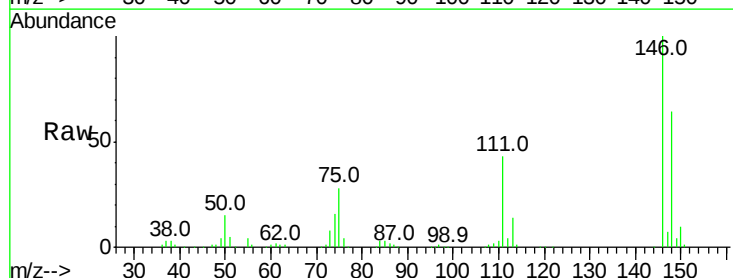
Manual Integrations
APPROVED

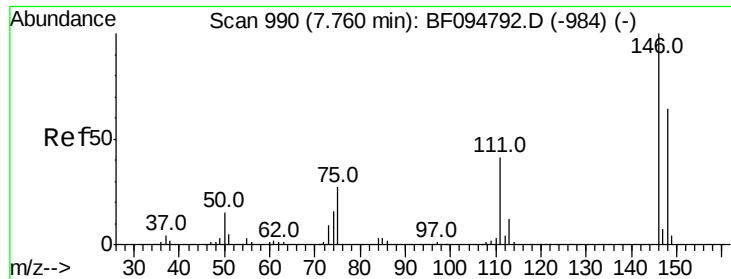
mohammad
5/11/2017 2:25:27 PM



#12
1,3-Dichlorobenzene
Concen: 48.03 ng
RT: 7.61 min Scan# 965
Delta R.T. -0.02 min
Lab File: BF095063.D
Acq: 10 May 2017 19:02

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	324972		
148	64.4	51.8	77.6	
75	28.1	23.1	34.7	





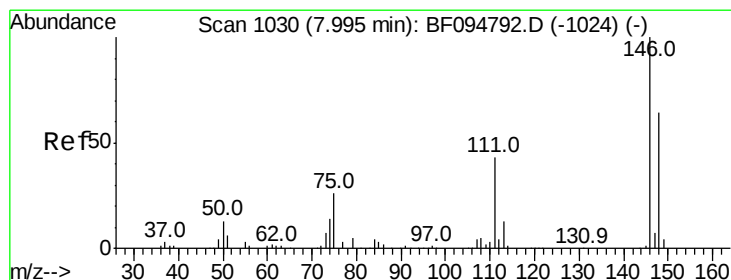
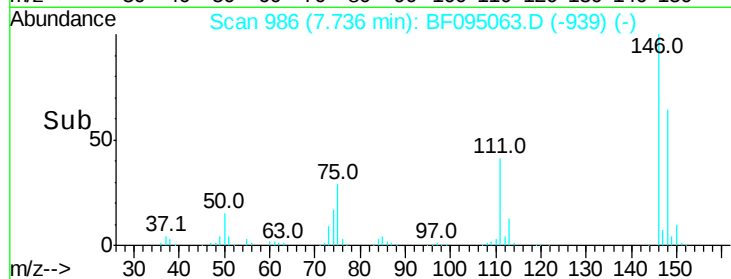
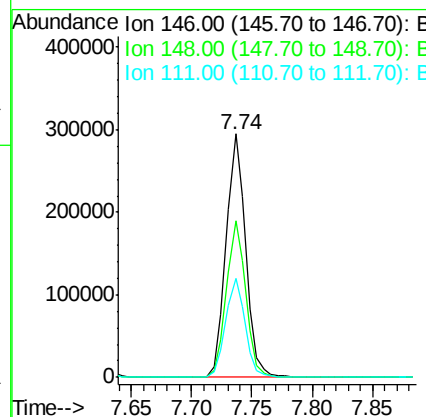
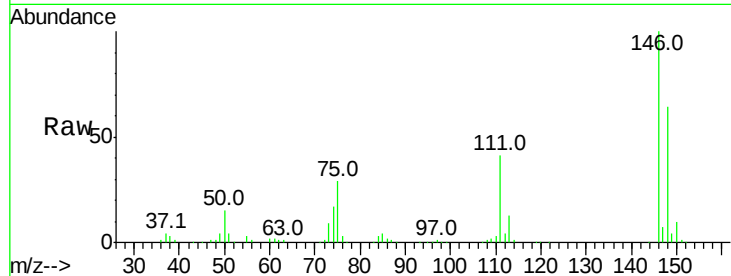
#13
 1,4-Dichlorobenzene
 Concen: 48.10 ng
 RT: 7.74 min Scan# 986
 Delta R.T. -0.02 min
 Lab File: BF095063.D
 Acq: 10 May 2017 19:02

Instrument :
 BNA_F
 ClientSampleId :
 HY-SB423BMS

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.4	52.2	78.2
111	40.9	30.3	45.5

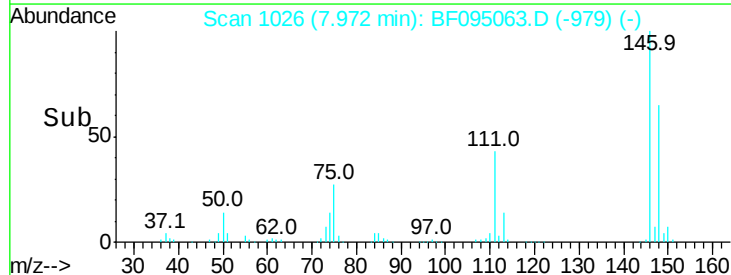
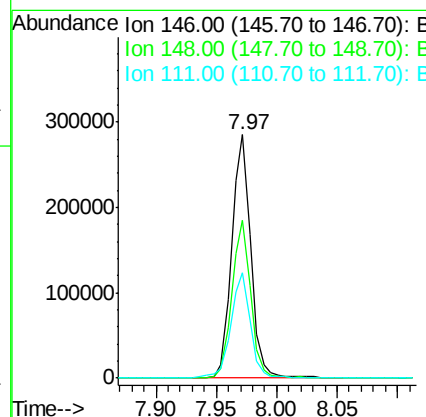
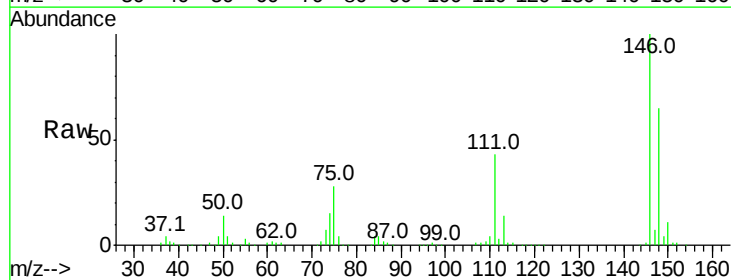
Manual Integrations
 APPROVED

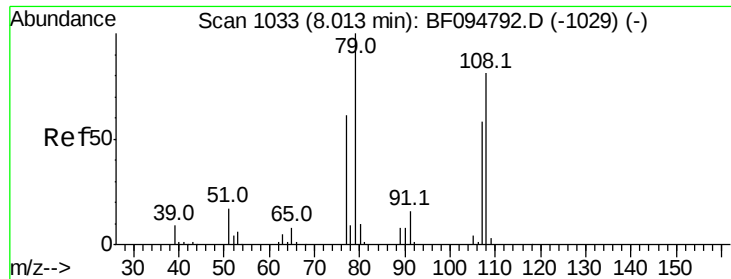
mohammad
 5/11/2017 2:25:27 PM



#14
 1,2-Dichlorobenzene
 Concen: 48.68 ng
 RT: 7.97 min Scan# 1026
 Delta R.T. -0.02 min
 Lab File: BF095063.D
 Acq: 10 May 2017 19:02

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.8	50.4	75.6
111	43.1	38.2	57.4





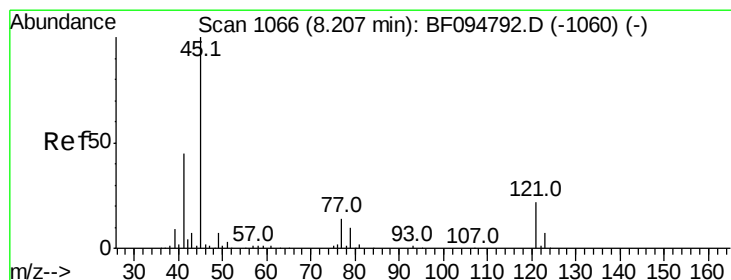
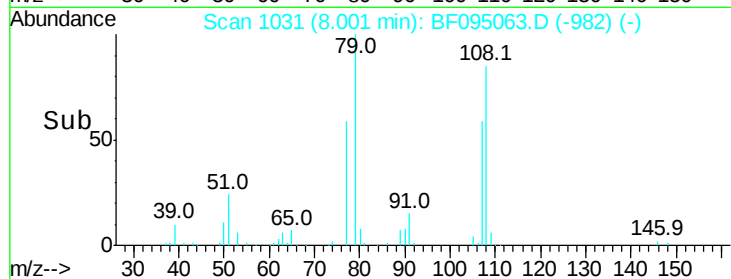
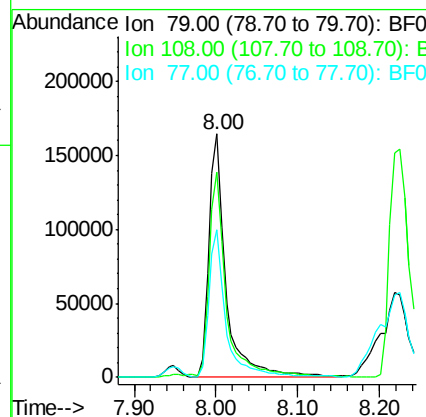
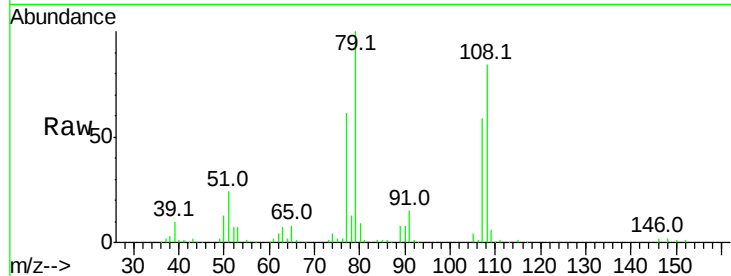
#15
Benzyl Alcohol
Concen: 59.66 ng
RT: 8.00 min Scan# 1031
Delta R.T. -0.01 min
Lab File: BF095063.D
Acq: 10 May 2017 19:02

Instrument :
BNA_F
ClientSampleId :
HY-SB423BMS

Tot Ion	Ratio	Lower	Upper
79	100		
108	84.1	63.4	95.0
77	60.6	49.2	73.8

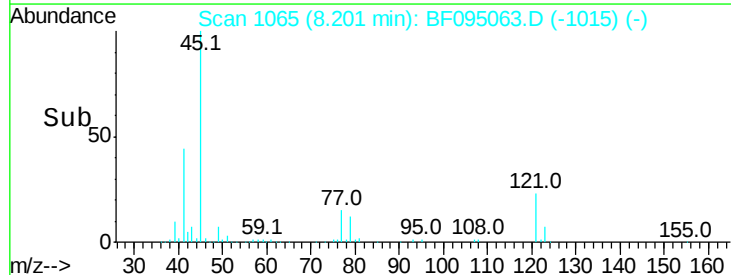
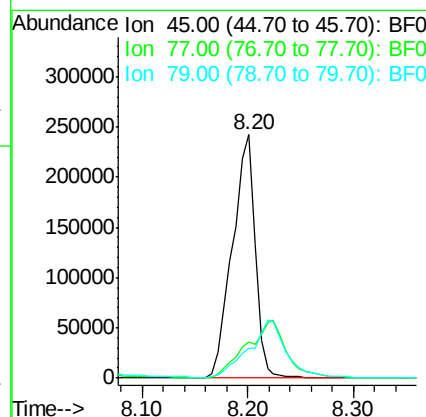
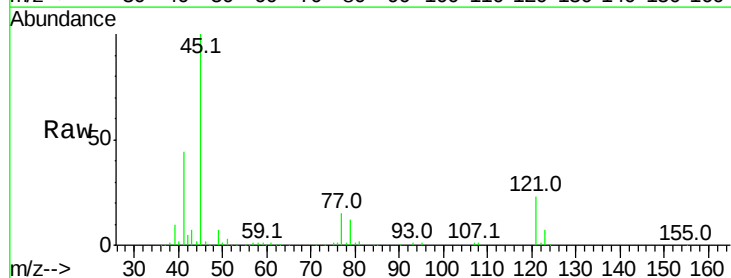
Manual Integrations
APPROVED

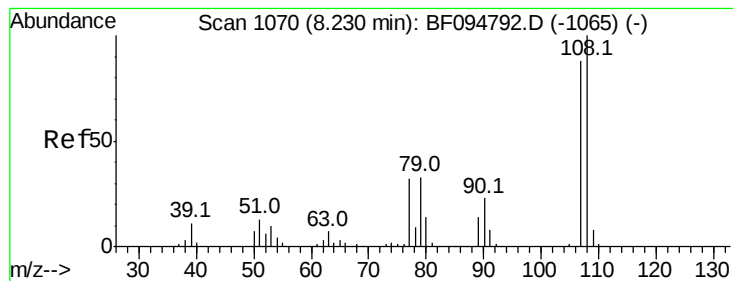
mohammad
5/11/2017 2:25:27 PM



#16
2,2'-oxybis(1-chloropropane)
Concen: 46.65 ng
RT: 8.20 min Scan# 1065
Delta R.T. -0.01 min
Lab File: BF095063.D
Acq: 10 May 2017 19:02

Tgt Ion	Ratio	Lower	Upper
45	100		
77	14.7	0.0	33.2
79	12.4	0.0	30.0





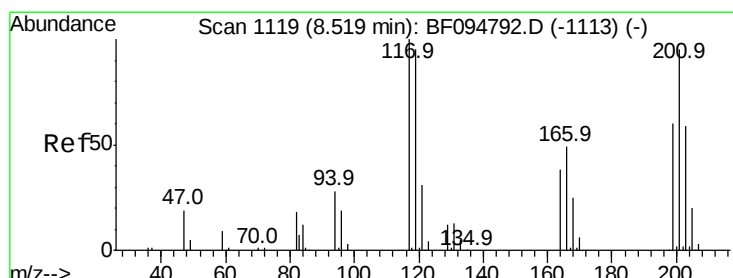
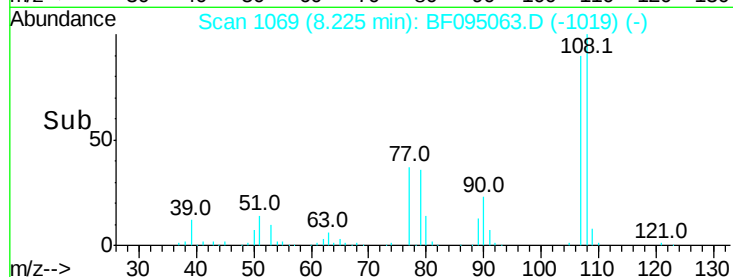
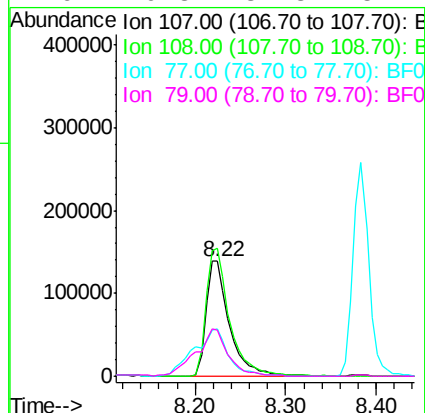
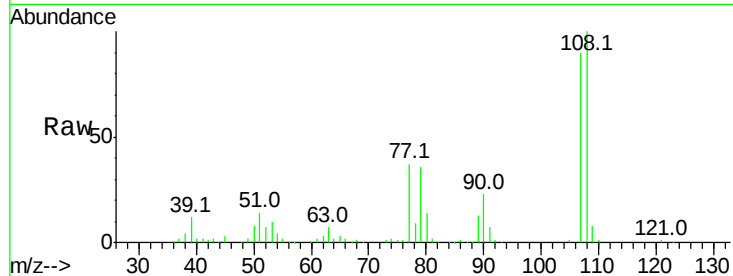
#17
2-Methylphenol
Concen: 51.21 ng
RT: 8.22 min Scan# 1069
Delta R.T. -0.01 min
Lab File: BF095063.D
Acq: 10 May 2017 19:02

Instrument :
BNA_F
ClientSampleId :
HY-SB423BMS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	111.1	93.4	140.0	
77	41.3	35.8	53.6	
79	40.3	34.8	52.2	

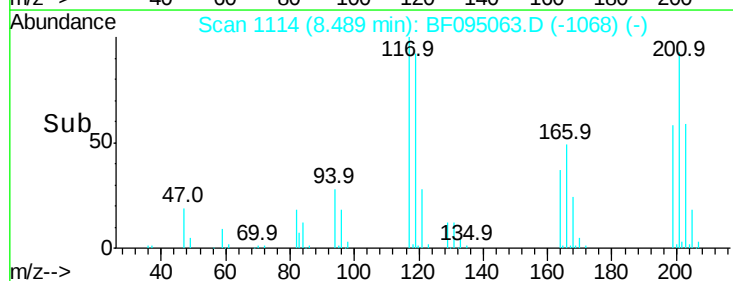
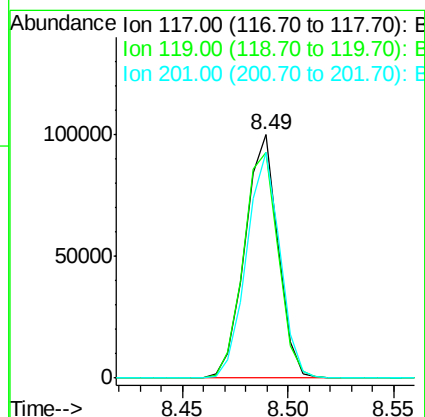
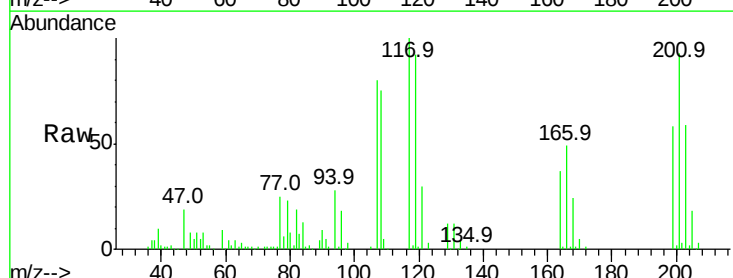
Manual Integrations
APPROVED

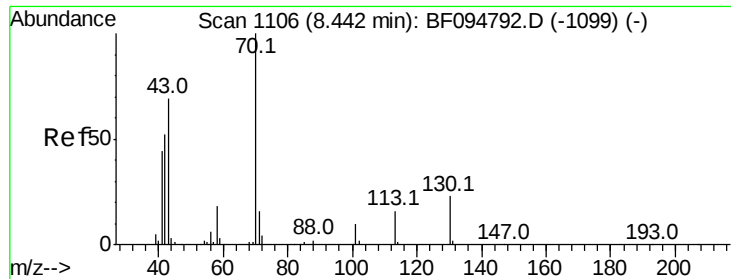
mohammad
5/11/2017 2:25:27 PM



#18
Hexachloroethane
Concen: 46.94 ng
RT: 8.49 min Scan# 1114
Delta R.T. -0.03 min
Lab File: BF095063.D
Acq: 10 May 2017 19:02

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	92.5	77.4	116.0	
201	92.6	94.6	141.8#	





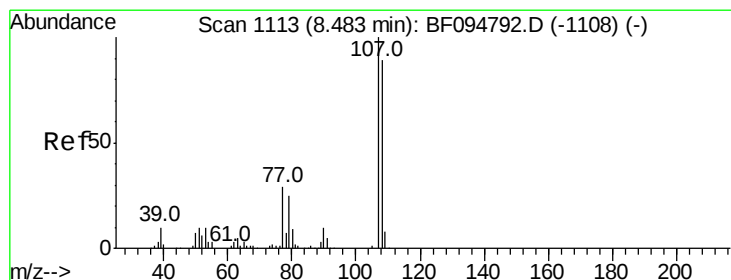
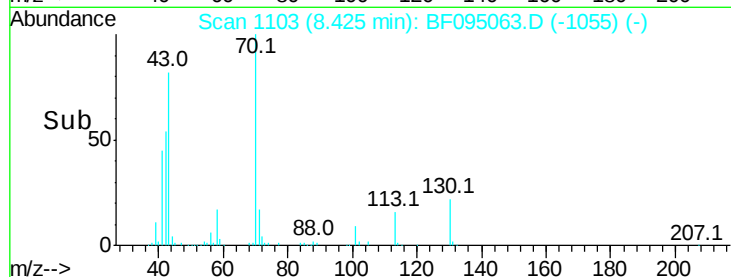
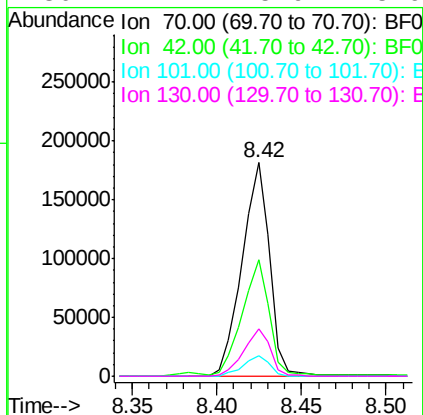
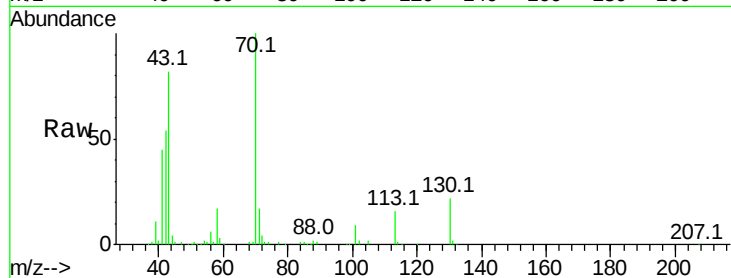
#19
n-Nitroso-di-n-propylamine
Concen: 48.88 ng
RT: 8.42 min Scan# 1103
Delta R.T. -0.02 min
Lab File: BF095063.D
Acq: 10 May 2017 19:02

Instrument :
BNA_F
ClientSampleId :
HY-SB423BMS

Tot Ion	Ratio	Lower	Upper
70	100		
42	54.3	47.2	70.8
101	9.4	7.2	10.8
130	22.4	15.9	23.9

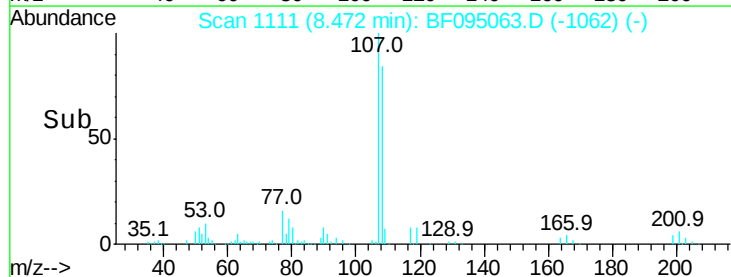
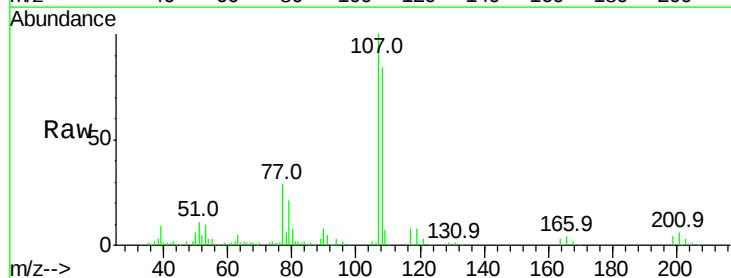
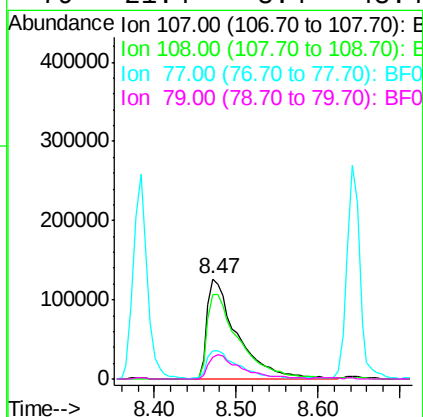
Manual Integrations
APPROVED

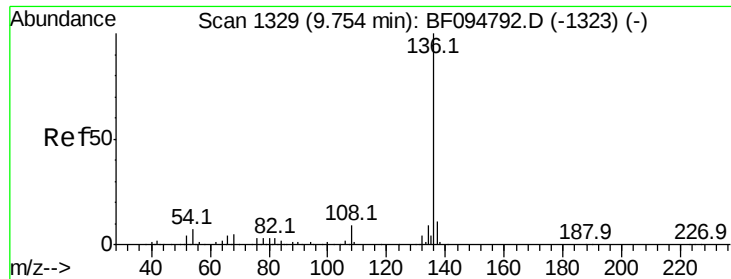
mohammad
5/11/2017 2:25:27 PM



#20
3+4-Methylphenols
Concen: 49.09 ng
RT: 8.47 min Scan# 1111
Delta R.T. -0.01 min
Lab File: BF095063.D
Acq: 10 May 2017 19:02

Tgt Ion	Ratio	Lower	Upper
107	100		
108	84.1	71.0	111.0
77	28.5	90.5	130.5#
79	21.4	8.4	48.4





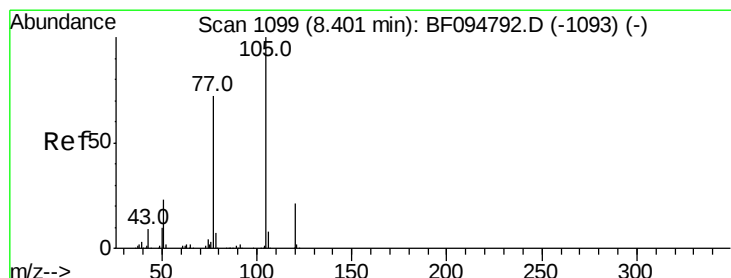
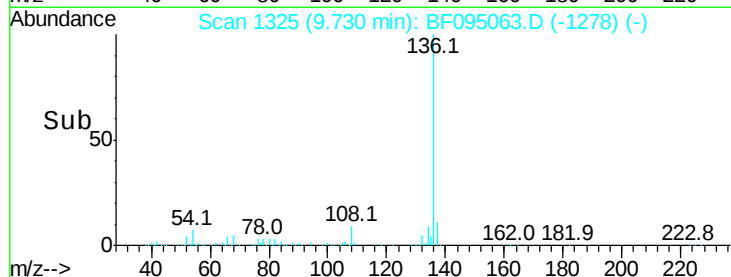
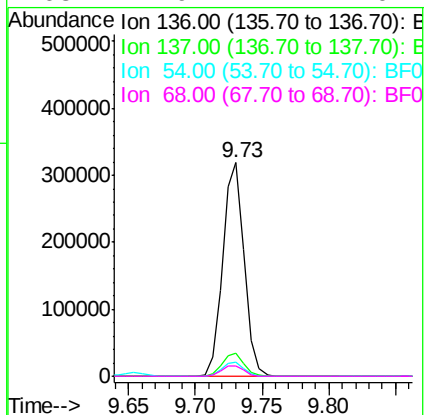
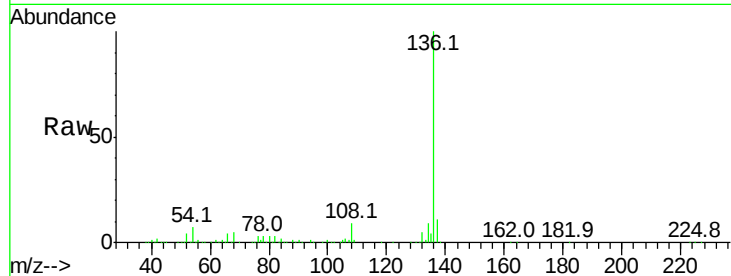
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 9.73 min Scan# 1325
Delta R.T. -0.02 min
Lab File: BF095063.D
Acq: 10 May 2017 19:02

Instrument :
BNA_F
ClientSampleId :
HY-SB423BMS

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	10.8	8.5	12.7	
54	6.6	4.9	7.3	
68	4.9	4.1	6.1	

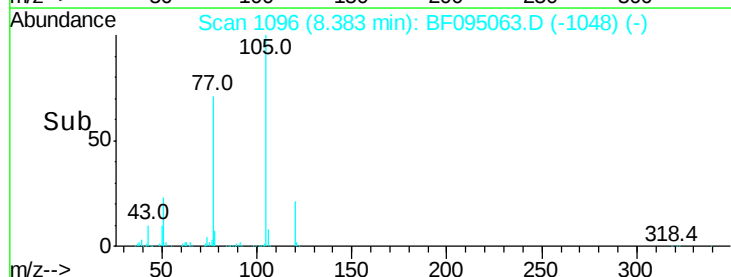
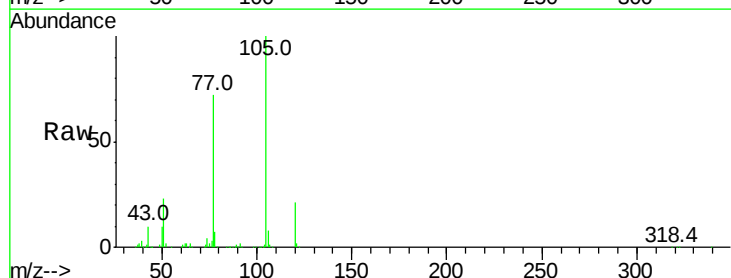
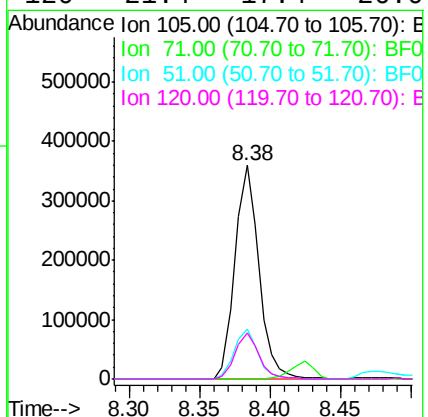
Manual Integrations
APPROVED

mohammad
5/11/2017 2:25:27 PM



#22
Acetophenone
Concen: 49.57 ng
RT: 8.38 min Scan# 1096
Delta R.T. -0.02 min
Lab File: BF095063.D
Acq: 10 May 2017 19:02

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	0.0	2.8	4.2#	
51	23.3	30.7	46.1#	
120	21.4	17.4	26.0	





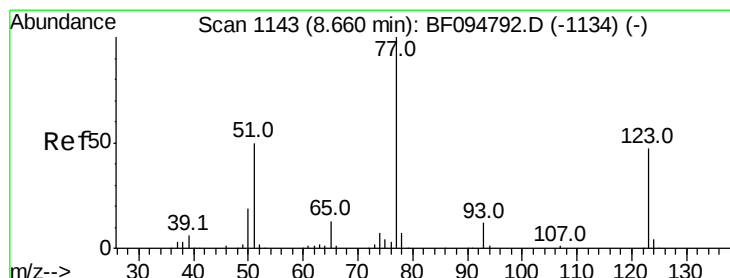
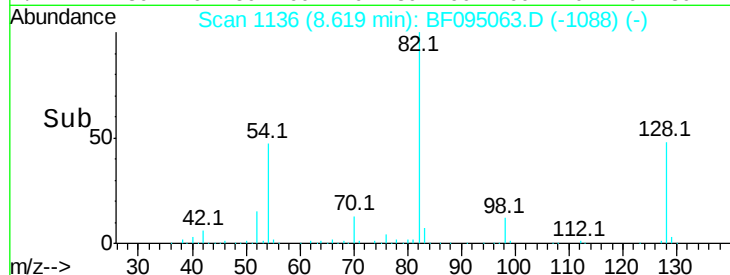
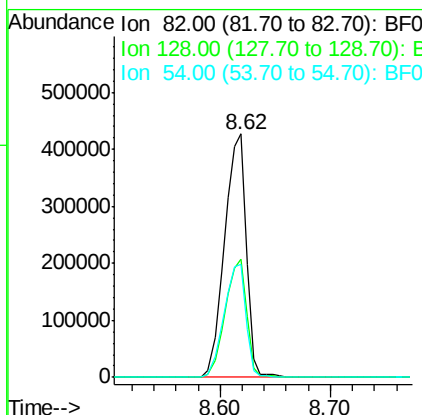
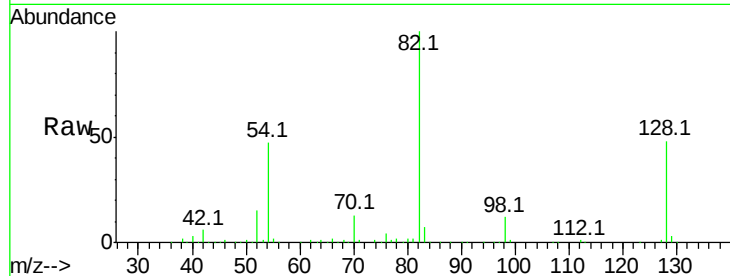
#23
Nitrobenzene-d5
Concen: 102.74 ng
RT: 8.62 min Scan# 1136
Delta R.T. -0.02 min
Lab File: BF095063.D
Acq: 10 May 2017 19:02

Instrument :
BNA_F
ClientSampleId :
HY-SB423BMS

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	48.3	34.0	51.0	
54	46.7	42.2	63.2	

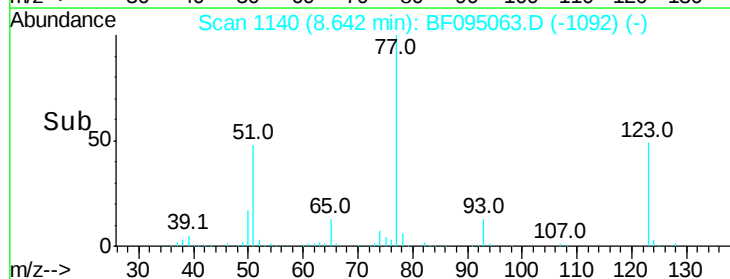
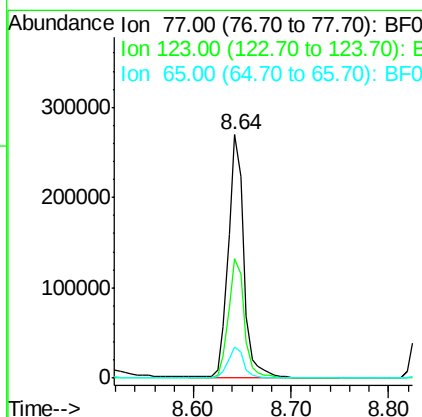
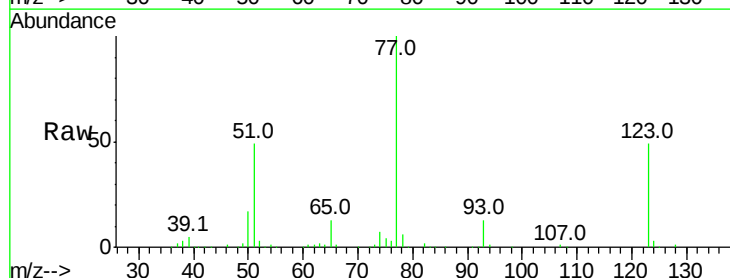
Manual Integrations
APPROVED

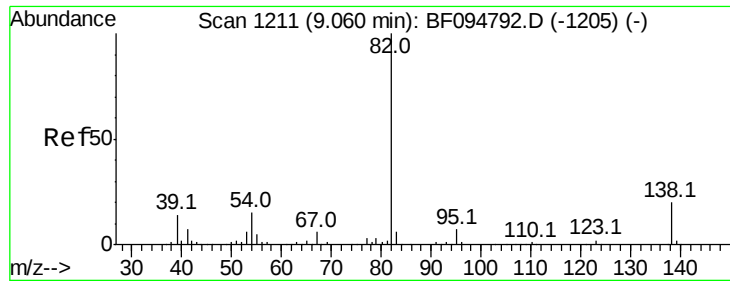
mohammad
5/11/2017 2:25:27 PM



#24
Nitrobenzene
Concen: 49.81 ng
RT: 8.64 min Scan# 1140
Delta R.T. -0.02 min
Lab File: BF095063.D
Acq: 10 May 2017 19:02

Tgt Ion	Ratio	Resp	Lower	Upper
77	100			
123	49.2	35.8	53.8	
65	12.9	10.6	15.8	





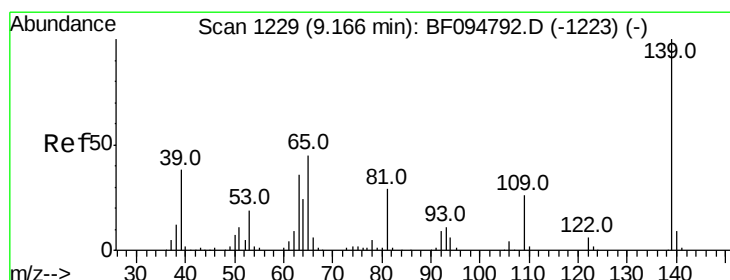
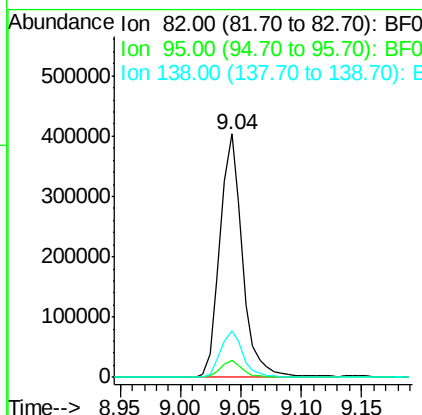
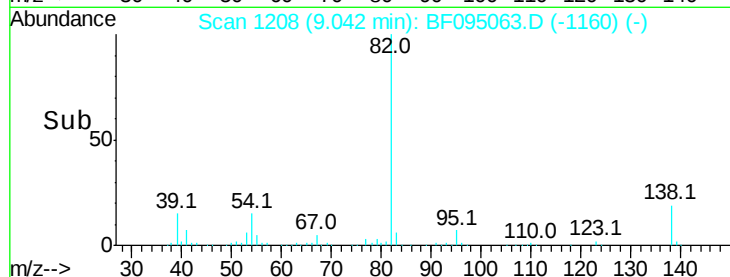
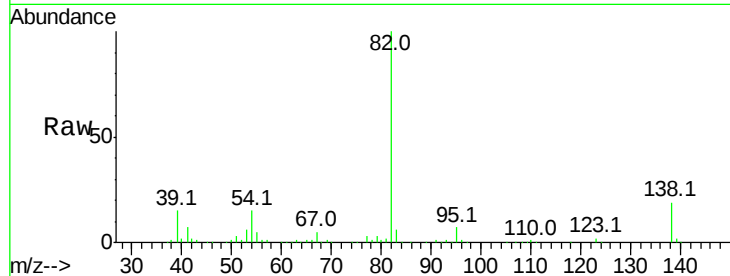
#25
Isophorone
Concen: 51.21 ng
RT: 9.04 min Scan# 1208
Delta R.T. -0.02 min
Lab File: BF095063.D
Acq: 10 May 2017 19:02

Instrument :
BNA_F
ClientSampleId :
HY-SB423BMS

Tot Ion	Ratio	Resp	Lower	Upper
82	100	522990		
95	6.9		5.3	7.9
138	19.3		13.1	19.7

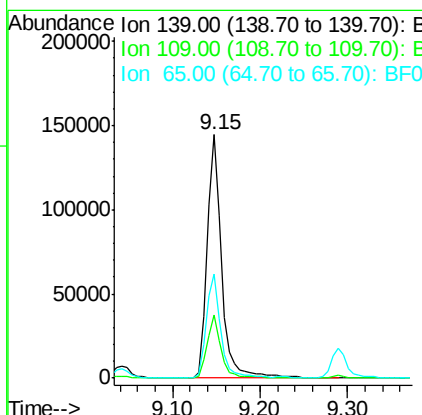
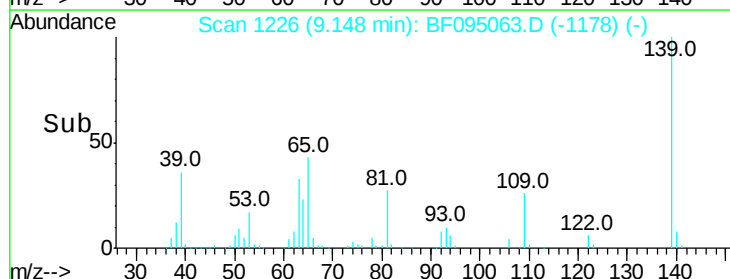
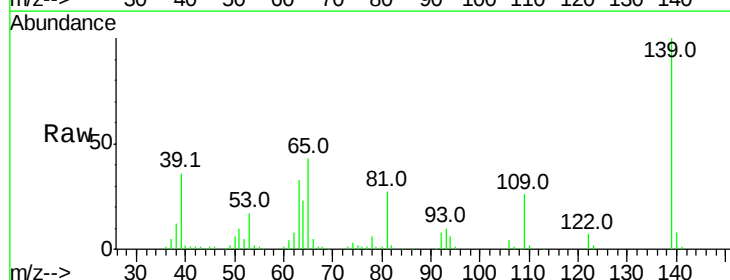
Manual Integrations
APPROVED

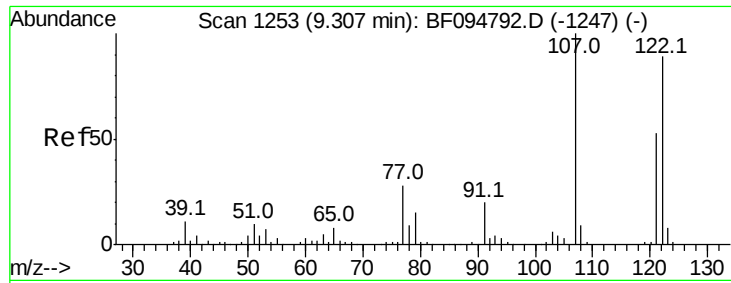
mohammad
5/11/2017 2:25:27 PM



#26
2-Nitrophenol
Concen: 51.69 ng
RT: 9.15 min Scan# 1226
Delta R.T. -0.02 min
Lab File: BF095063.D
Acq: 10 May 2017 19:02

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	167211		
109	26.0		21.0	31.6
65	42.6		33.0	49.6





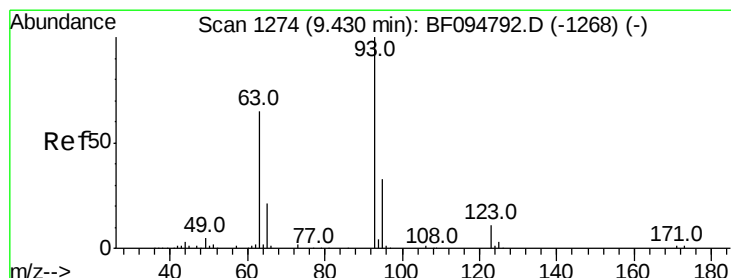
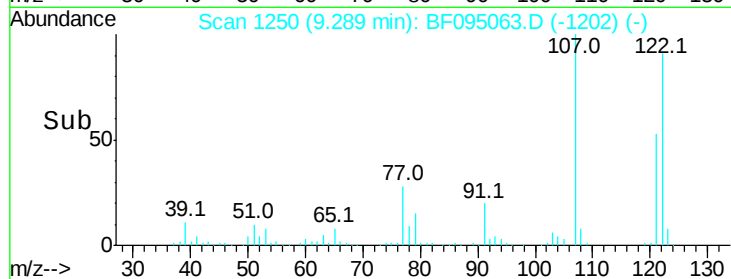
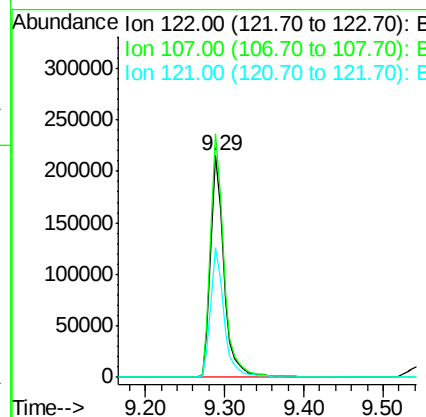
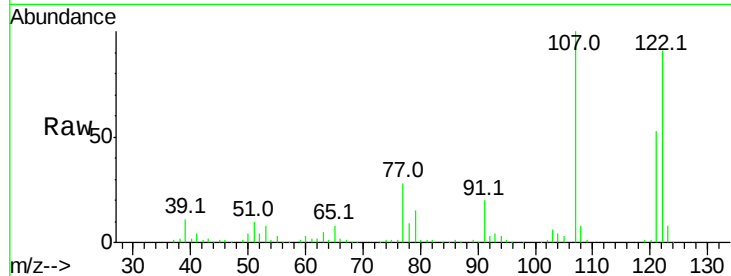
#27
2,4-Dimethylphenol
Concen: 49.75 ng
RT: 9.29 min Scan# 1250
Delta R.T. -0.02 min
Lab File: BF095063.D
Acq: 10 May 2017 19:02

Instrument :
BNA_F
ClientSampleId :
HY-SB423BMS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
122	100		260180		
107	110.0	89.2	133.8		
121	58.6	45.2	67.8		

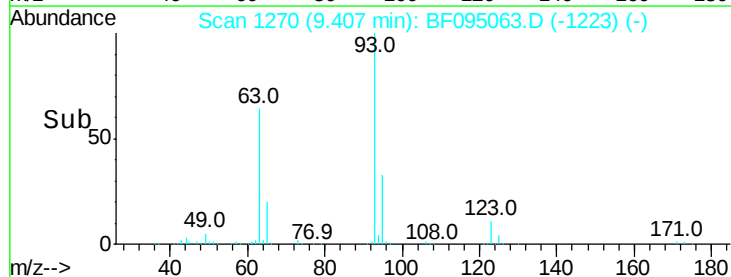
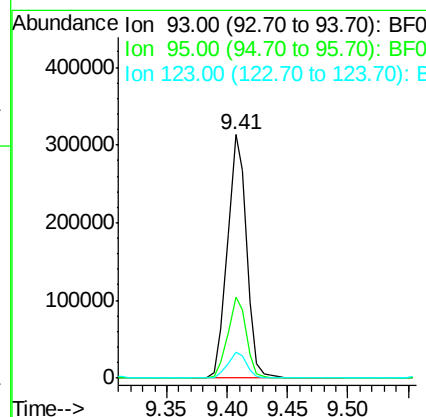
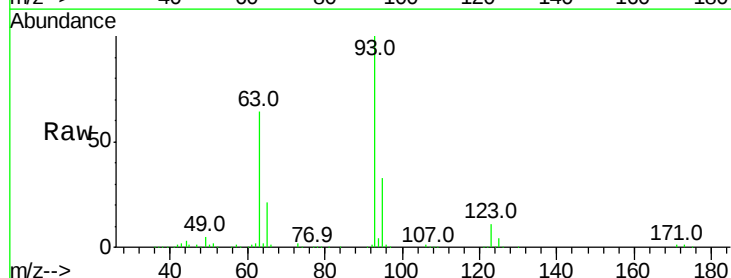
Manual Integrations
APPROVED

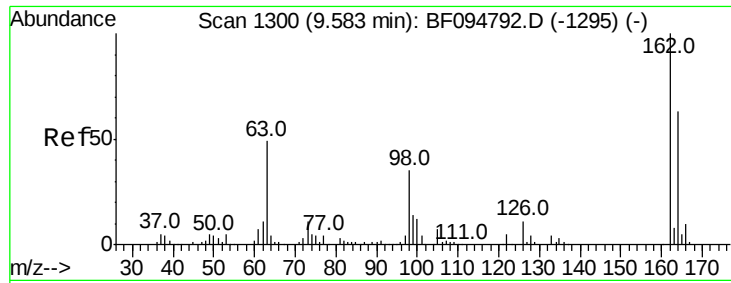
mohammad
5/11/2017 2:25:27 PM



#28
bis(2-Chloroethoxy)methane
Concen: 48.47 ng
RT: 9.41 min Scan# 1270
Delta R.T. -0.02 min
Lab File: BF095063.D
Acq: 10 May 2017 19:02

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
93	100		342429		
95	33.3	26.5	39.7		
123	10.8	9.0	13.4		





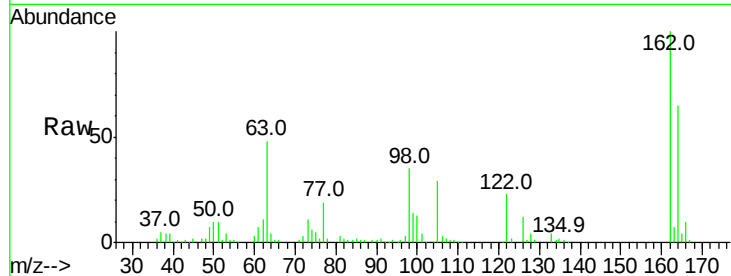
#29
 2,4-Dichlorophenol
 Concen: 52.57 ng
 RT: 9.58 min Scan# 1299
 Delta R.T. -0.01 min
 Lab File: BF095063.D
 Acq: 10 May 2017 19:02

Instrument :
 BNA_F
 ClientSampleId :
 HY-SB423BMS

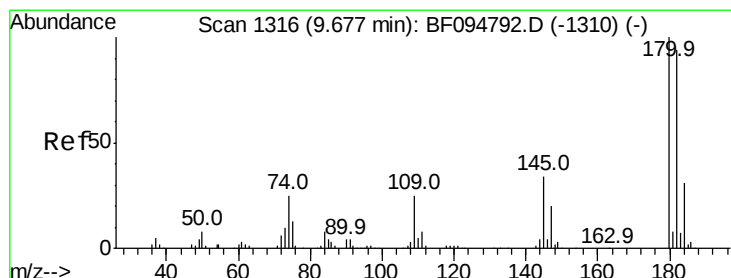
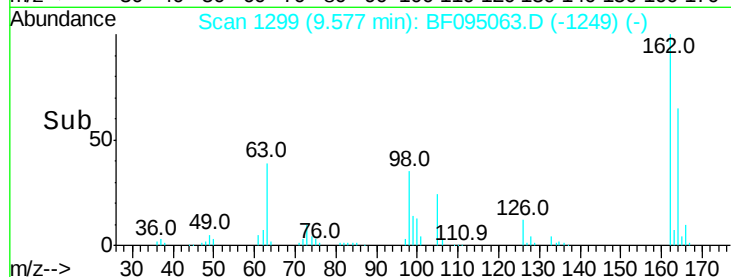
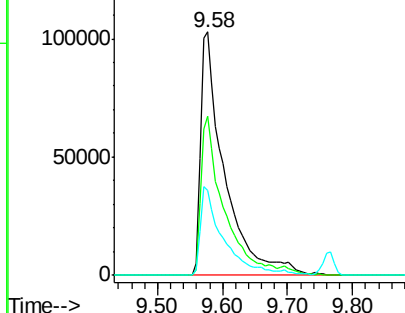
Tot Ion	Ratio	Resp	Lower	Upper
162	100	259620		
164	65.3		44.6	84.6
98	34.9		14.8	54.8

Manual Integrations
 APPROVED

mohammad
 5/11/2017 2:25:27 PM

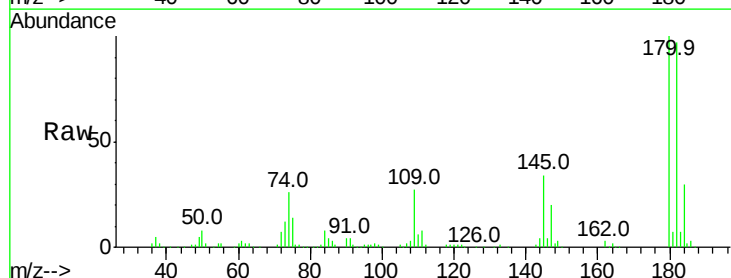


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

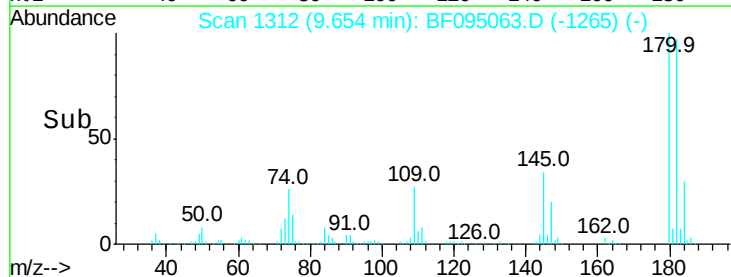
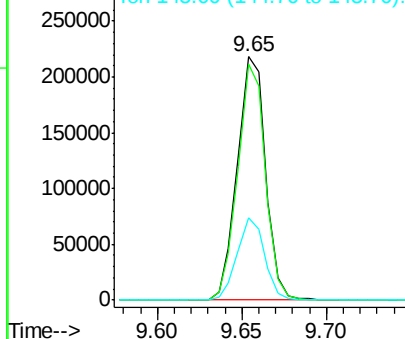


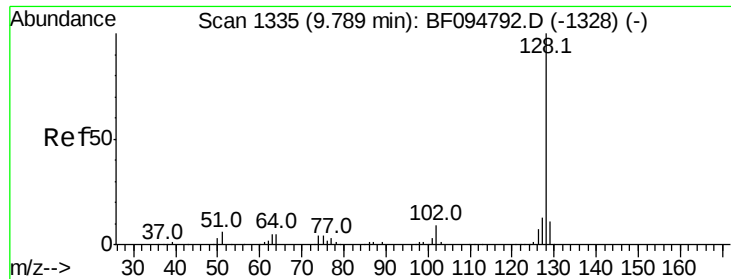
#30
 1,2,4-Trichlorobenzene
 Concen: 48.09 ng
 RT: 9.65 min Scan# 1312
 Delta R.T. -0.02 min
 Lab File: BF095063.D
 Acq: 10 May 2017 19:02

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	254413		
182	97.0		75.8	113.6
145	34.0		25.3	37.9



Abundance Ion 180.00 (179.70 to 180.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 145.00 (144.70 to 145.70): E





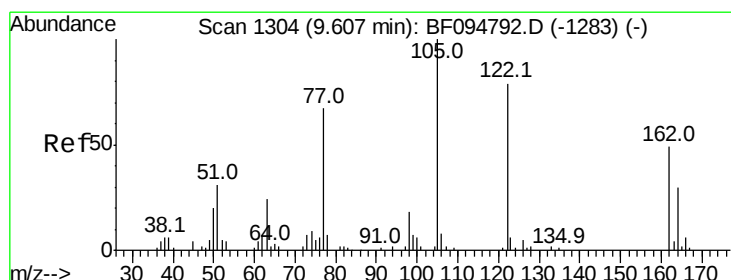
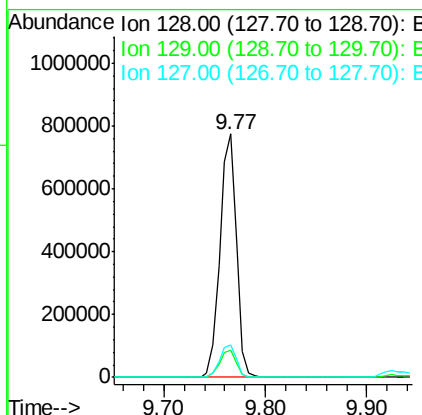
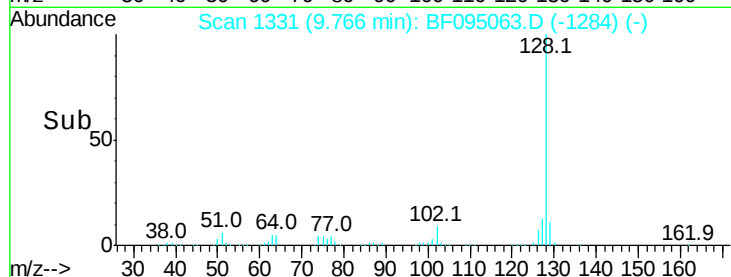
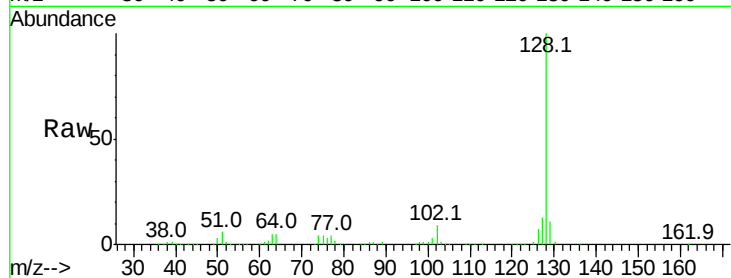
#31
Naphthalene
Concen: 48.01 ng
RT: 9.77 min Scan# 1331
Delta R.T. -0.02 min
Lab File: BF095063.D
Acq: 10 May 2017 19:02

Instrument :
BNA_F
ClientSampleId :
HY-SB423BMS

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.1	9.0	13.6
127	13.4	10.8	16.2

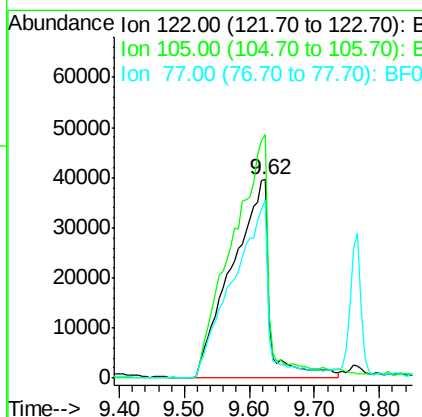
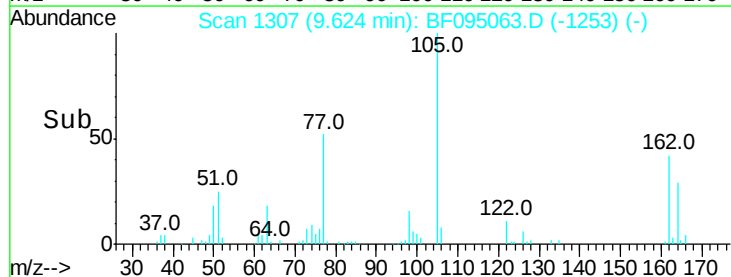
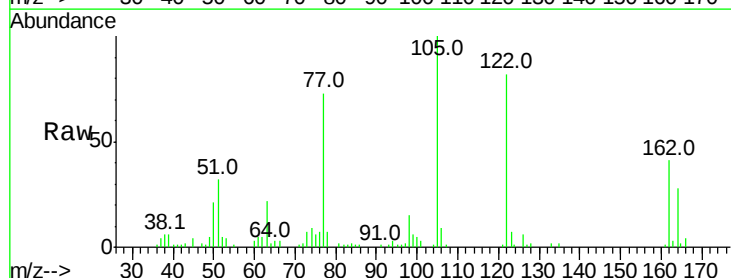
Manual Integrations
APPROVED

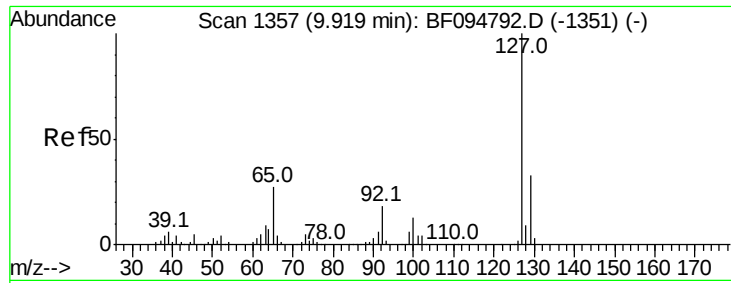
mohammad
5/11/2017 2:25:27 PM



#32
Benzoic acid
Concen: 46.64 ng
RT: 9.62 min Scan# 1307
Delta R.T. 0.02 min
Lab File: BF095063.D
Acq: 10 May 2017 19:02

Tgt Ion	Ratio	Lower	Upper
122	100		
105	122.6	103.3	143.3
77	89.5	73.7	113.7





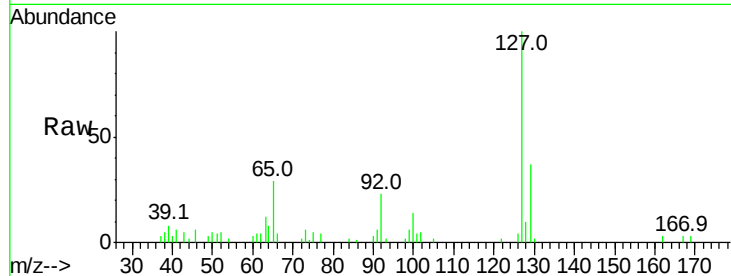
#33
 4-Chloroaniline
 Concen: 9.18 ng
 RT: 9.92 min Scan# 1358
 Delta R.T. 0.01 min
 Lab File: BF095063.D
 Acq: 10 May 2017 19:02

Instrument :
 BNA_F
 ClientSampleId :
 HY-SB423BMS

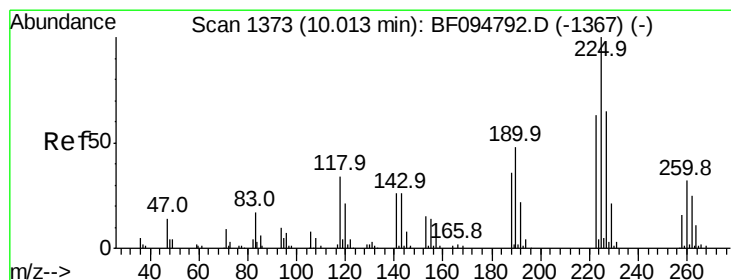
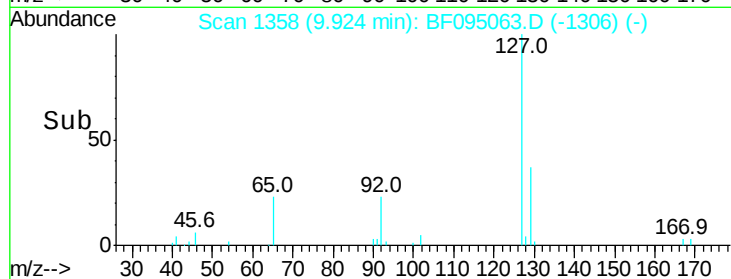
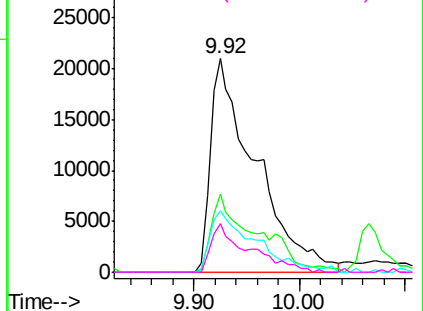
Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100		62015		
129	36.7	26.2	39.2		
65	29.0	27.8	41.8		
92	22.7	16.8	25.2		

Manual Integrations
 APPROVED

mohammad
 5/11/2017 2:25:27 PM

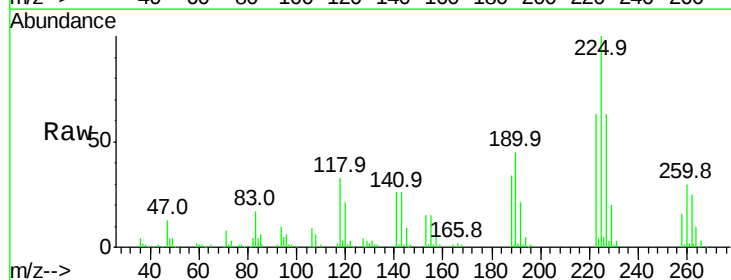


Abundance Ion 127.00 (126.70 to 127.70): E
 Ion 129.00 (128.70 to 129.70): E
 Ion 65.00 (64.70 to 65.70): BF0
 Ion 92.00 (91.70 to 92.70): BF0

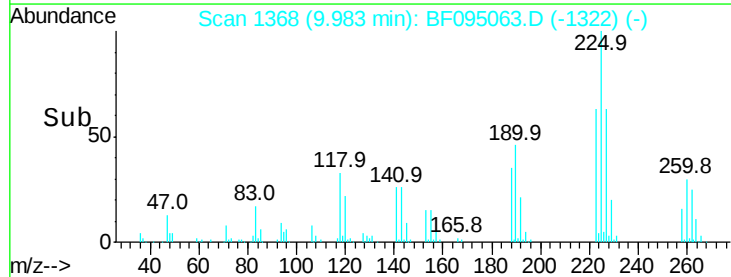
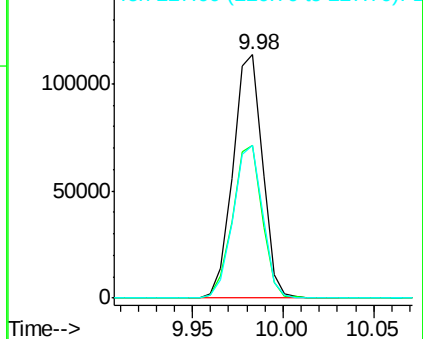


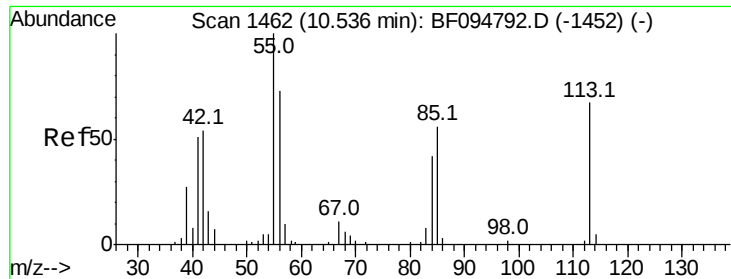
#34
 Hexachlorobutadiene
 Concen: 46.07 ng
 RT: 9.98 min Scan# 1368
 Delta R.T. -0.03 min
 Lab File: BF095063.D
 Acq: 10 May 2017 19:02

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100		128600		
223	62.7	48.8	73.2		
227	62.9	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: 52.57 ng/mL

RT: 10.54 min Scan# 1462

Delta R.T. -0.00 min

Lab File: BF095063.D

Acq: 10 May 2017 19:02

Instrument :

BNA_F

ClientSampleId :

HY-SB423BMS

Tot Ion:113 Resp: 77949

Ion Ratio Lower Upper

113 100

55 155.3 150.2 190.2

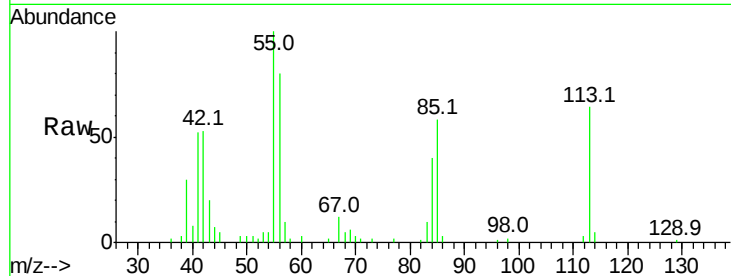
56 124.0 107.8 147.8

Manual Integrations

APPROVED

mohammad

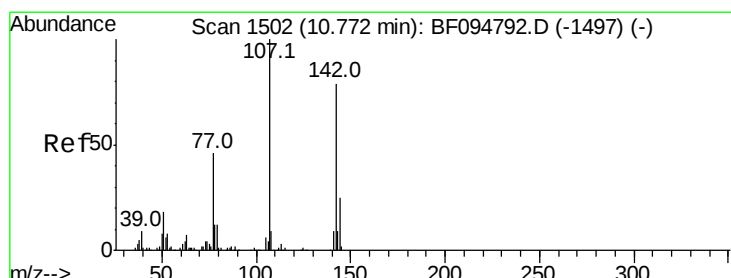
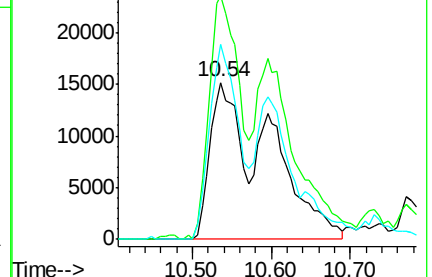
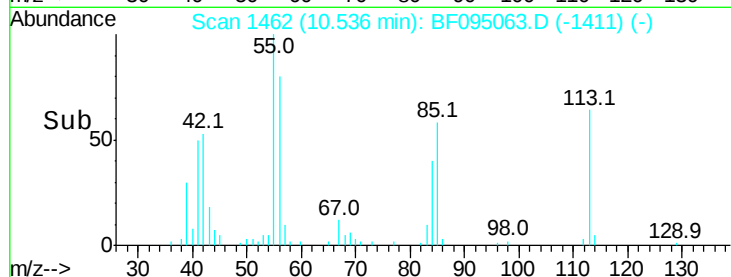
5/11/2017 2:25:27 PM



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: 50.03 ng/mL

RT: 10.77 min Scan# 1502

Delta R.T. -0.00 min

Lab File: BF095063.D

Acq: 10 May 2017 19:02

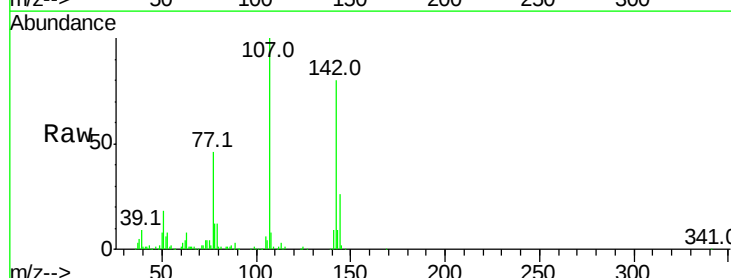
Tgt Ion:107 Resp: 264165

Ion Ratio Lower Upper

107 100

144 26.2 24.2 36.4

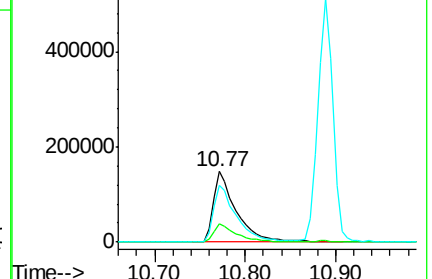
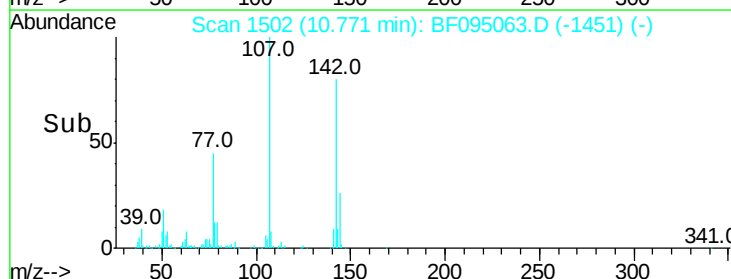
142 80.4 73.4 110.0

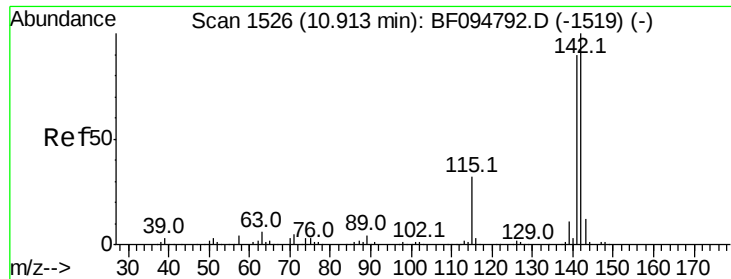


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





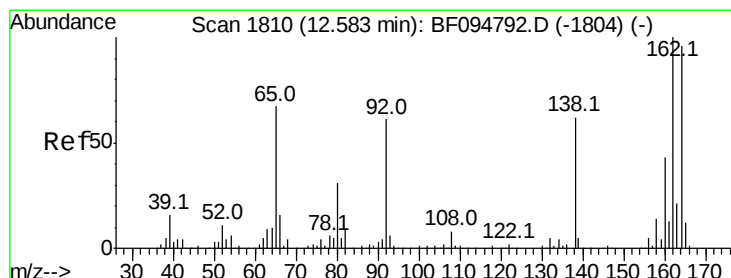
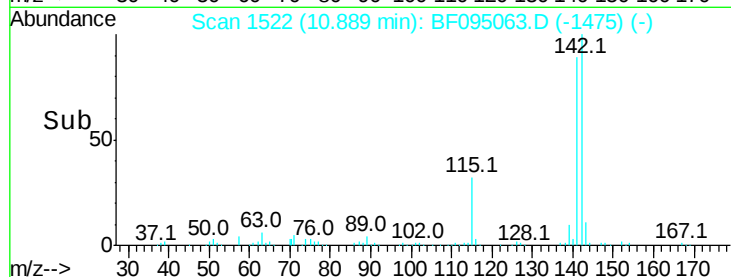
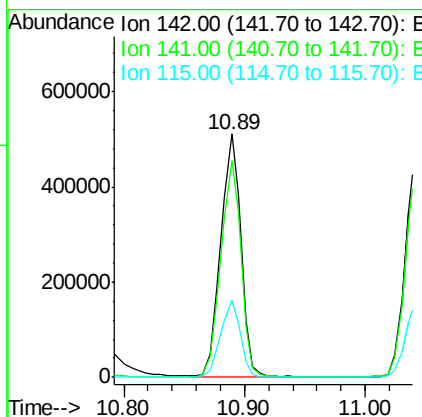
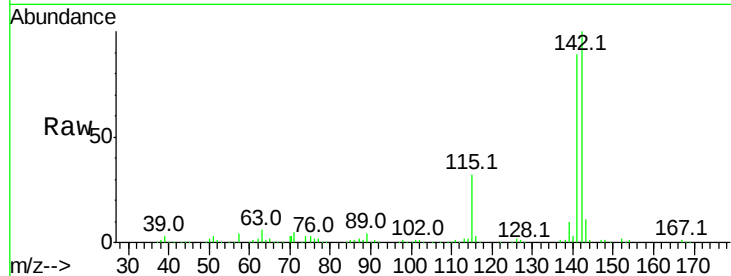
#37
2-Methylnaphthalene
Concen: 49.65 ng
RT: 10.89 min Scan# 1522
Delta R.T. -0.02 min
Lab File: BF095063.D
Acq: 10 May 2017 19:02

Instrument :
BNA_F
ClientSampleId :
HY-SB423BMS

Tot Ion	Ratio	Resp	Lower	Upper
142	100	590658		
141	89.2	71.3	106.9	
115	31.5	27.1	40.7	

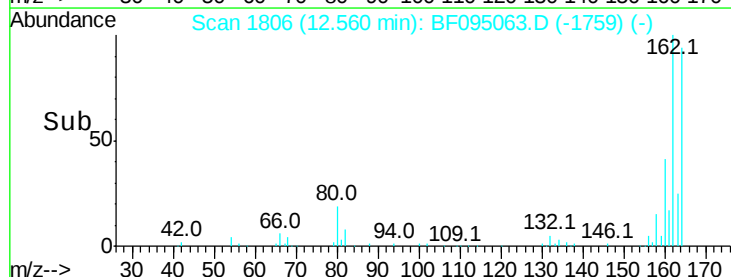
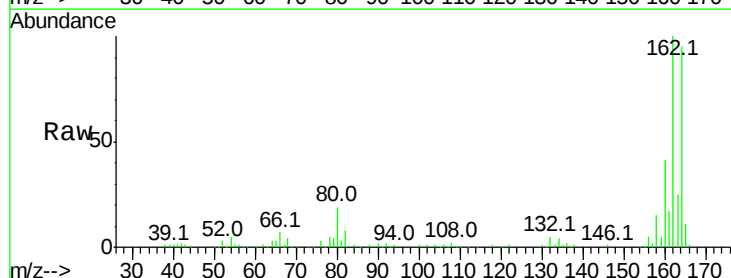
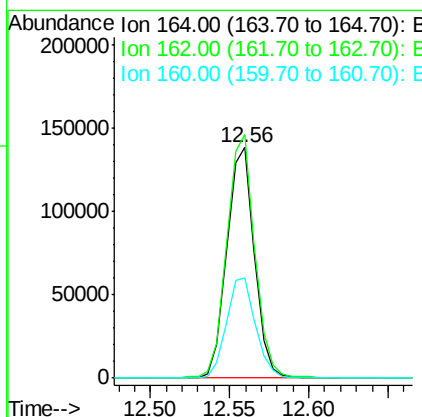
Manual Integrations
APPROVED

mohammad
5/11/2017 2:25:27 PM



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 12.56 min Scan# 1806
Delta R.T. -0.02 min
Lab File: BF095063.D
Acq: 10 May 2017 19:02

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	166662		
162	105.7	82.6	123.8	
160	43.7	36.2	54.2	





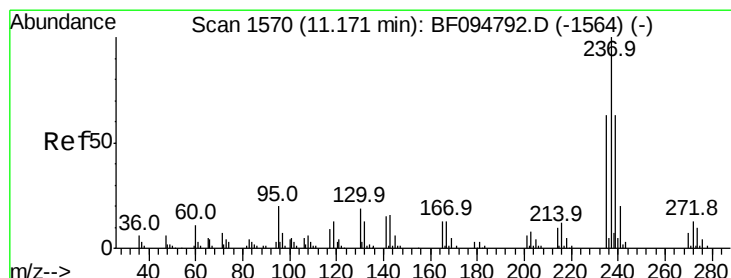
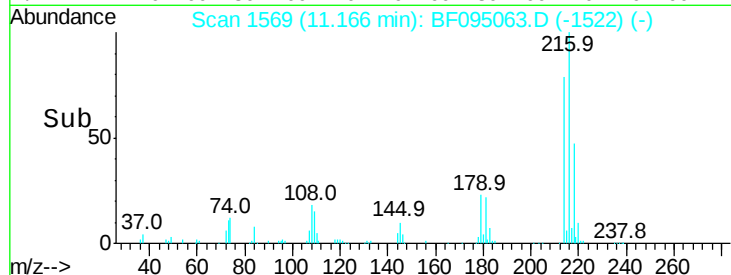
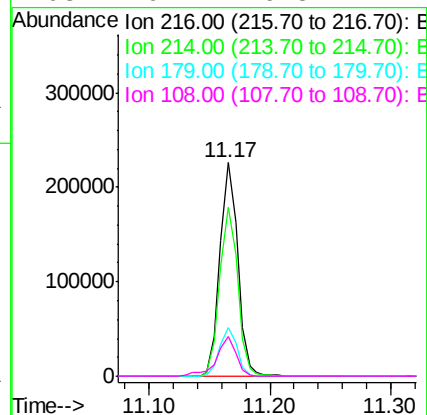
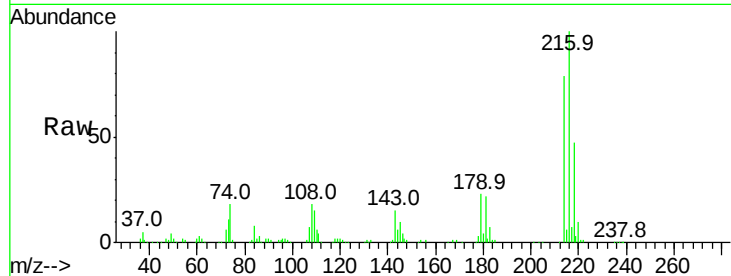
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 44.90 ng
 RT: 11.17 min Scan# 1569
 Delta R.T. -0.02 min
 Lab File: BF095063.D
 Acq: 10 May 2017 19:02

Instrument :
 BNA_F
 ClientSampleId :
 HY-SB423BMS

Tot Ion	Ratio	Resp	Lower	Upper
216	100	230107		
214	79.7	63.4	95.2	
179	22.4	17.9	26.9	
108	20.4	16.5	24.7	

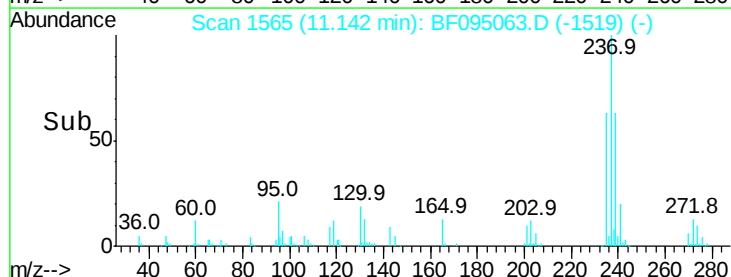
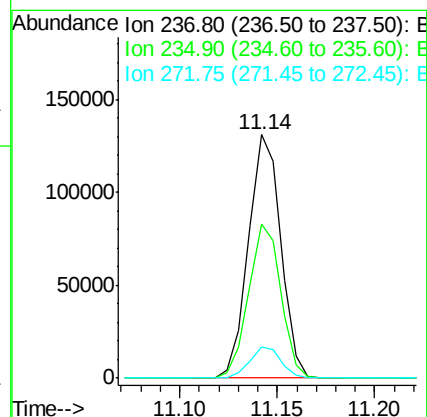
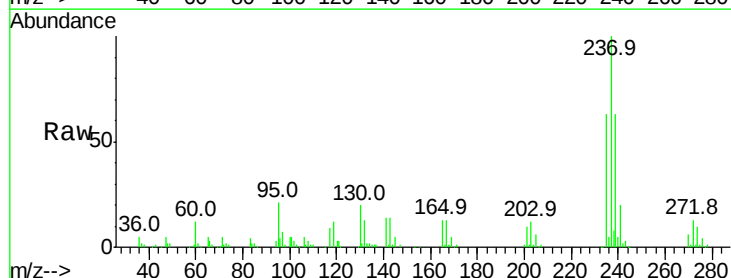
Manual Integrations
 APPROVED

mohammad
 5/11/2017 2:25:27 PM



#40
 Hexachlorocyclopentadiene
 Concen: 70.72 ng
 RT: 11.14 min Scan# 1565
 Delta R.T. -0.03 min
 Lab File: BF095063.D
 Acq: 10 May 2017 19:02

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	150749		
235	63.2	42.6	82.6	
272	12.7	0.0	31.9	





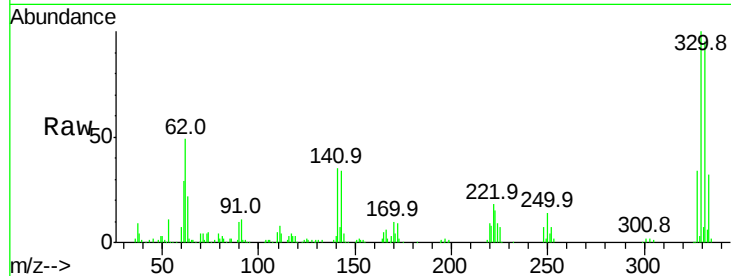
#41
 2,4,6-Tribromophenol
 Concen: 157.37 ng
 RT: 13.87 min Scan# 2028
 Delta R.T. -0.02 min
 Lab File: BF095063.D
 Acq: 10 May 2017 19:02

Instrument :
 BNA_F
 ClientSampleId :
 HY-SB423BMS

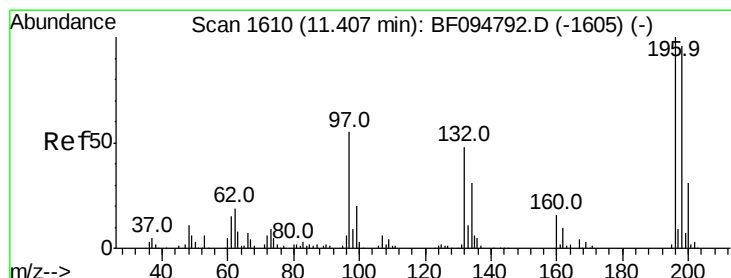
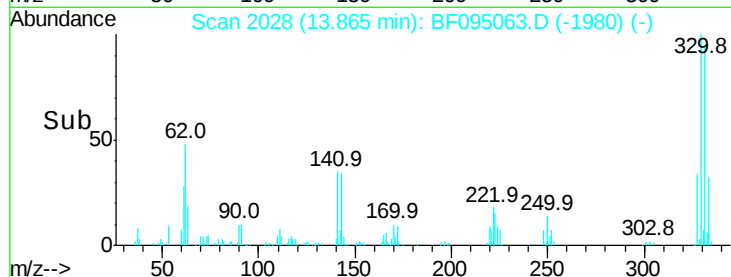
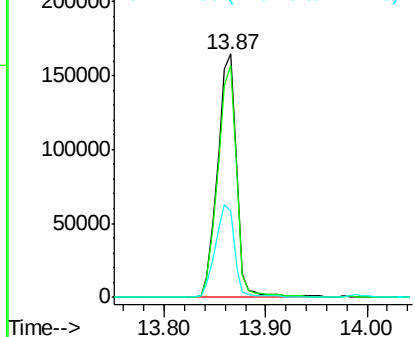
Tot Ion	Ratio	Resp	Lower	Upper
330	100	214796		
332	94.6	76.6	115.0	
141	39.0	31.4	47.2	

Manual Integrations
 APPROVED

mohammad
 5/11/2017 2:25:27 PM



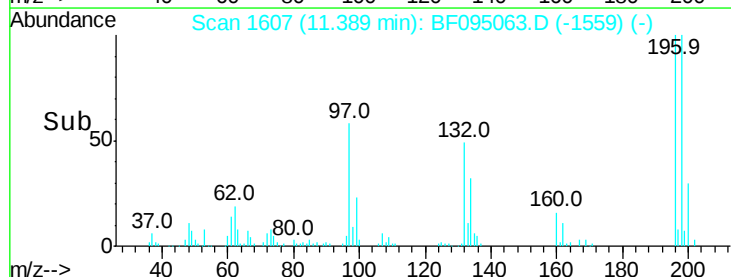
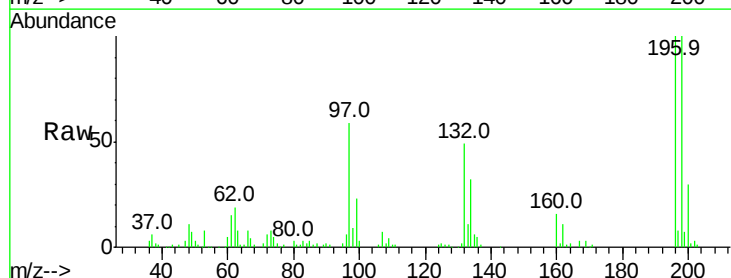
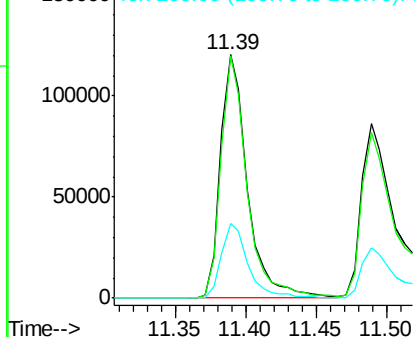
Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E



#42
 2,4,6-Trichlorophenol
 Concen: 46.76 ng
 RT: 11.39 min Scan# 1607
 Delta R.T. -0.02 min
 Lab File: BF095063.D
 Acq: 10 May 2017 19:02

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	160005		
198	99.8	74.2	111.4	
200	30.4	24.0	36.0	

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





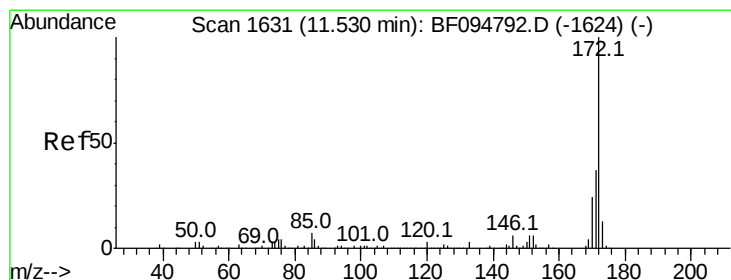
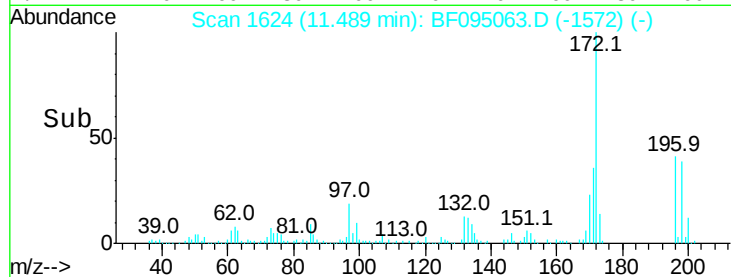
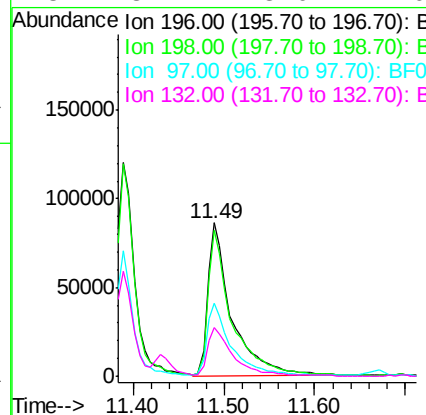
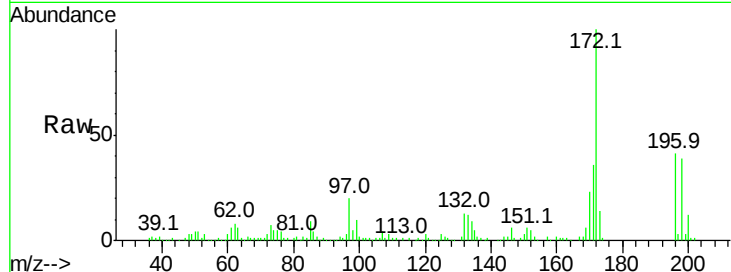
#43
 2,4,5-Trichlorophenol
 Concen: 42.92 ng
 RT: 11.49 min Scan# 1624
 Delta R.T. 0.01 min
 Lab File: BF095063.D
 Acq: 10 May 2017 19:02

Instrument :
 BNA_F
 ClientSampleId :
 HY-SB423BMS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	157842		
198	94.9	75.7	113.5	
97	47.5	47.7	71.5#	
132	31.7	28.0	42.0	

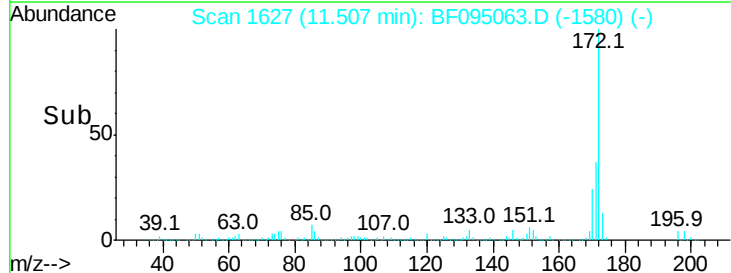
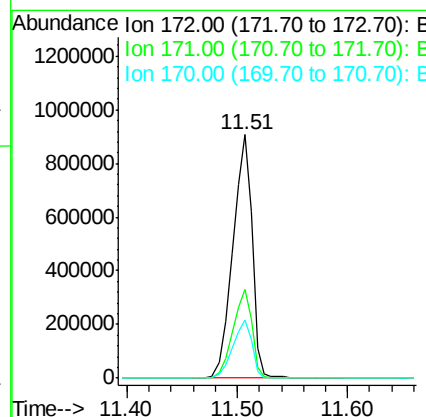
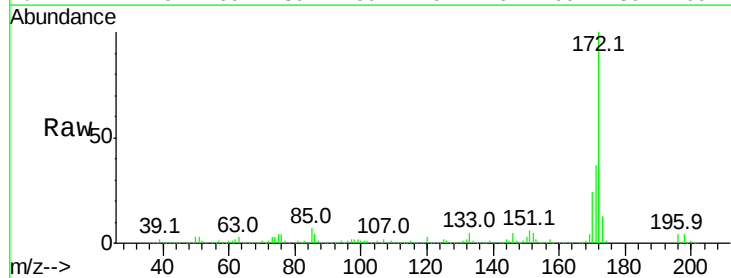
Manual Integrations
 APPROVED

mohammad
 5/11/2017 2:25:27 PM



#44
 2-Fluorobiphenyl
 Concen: 96.08 ng
 RT: 11.51 min Scan# 1627
 Delta R.T. -0.02 min
 Lab File: BF095063.D
 Acq: 10 May 2017 19:02

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1112544		
171	36.5	29.6	44.4	
170	23.7	19.8	29.8	





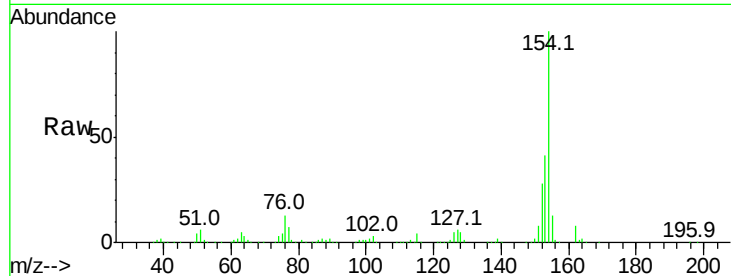
#45
1,1'-Biphenyl
Concen: 47.66 ng
RT: 11.65 min Scan# 1652
Delta R.T. -0.03 min
Lab File: BF095063.D
Acq: 10 May 2017 19:02

Instrument :
BNA_F
ClientSampleId :
HY-SB423BMS

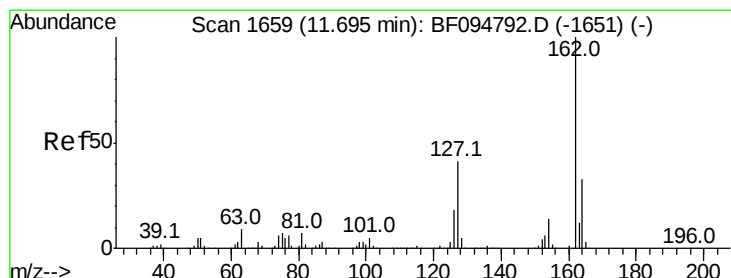
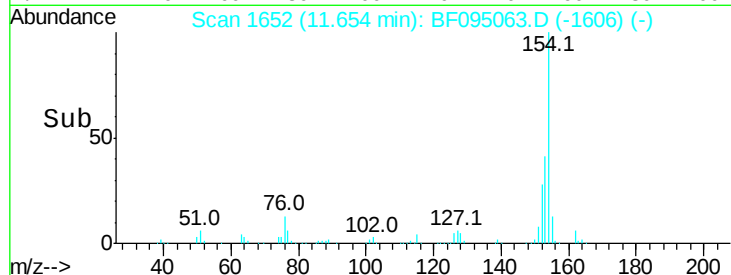
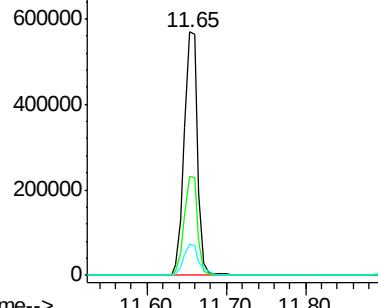
Tot Ion	Ratio	Resp	Lower	Upper
154	100	668744		
153	40.6	21.2	61.2	
76	12.9	0.0	29.9	

Manual Integrations
APPROVED

mohammad
5/11/2017 2:25:27 PM

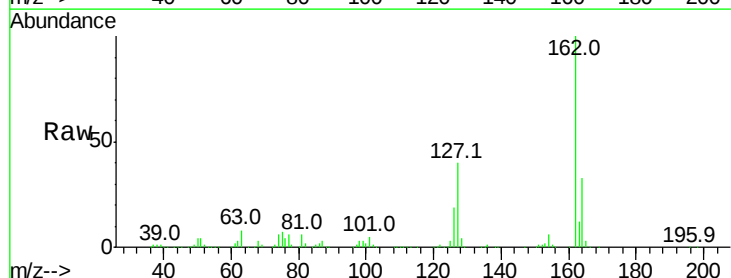


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BF0

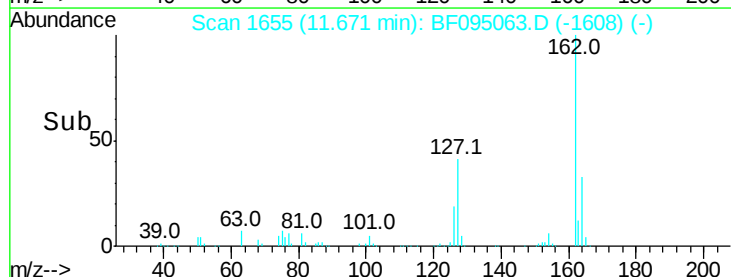
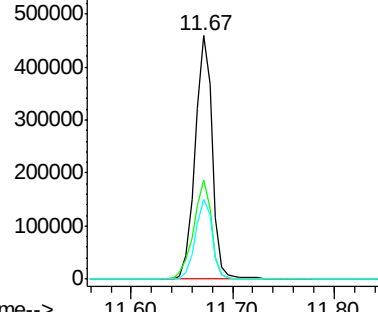


#46
2-Chloronaphthalene
Concen: 47.40 ng
RT: 11.67 min Scan# 1655
Delta R.T. -0.02 min
Lab File: BF095063.D
Acq: 10 May 2017 19:02

Tgt Ion	Ratio	Resp	Lower	Upper
162	100	537000		
127	40.4	28.3	42.5	
164	32.5	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: 48.49 ng

RT: 11.89 min Scan# 1692

Delta R.T. -0.01 min

Lab File: BF095063.D

Acq: 10 May 2017 19:02

Instrument :

BNA_F

ClientSampleId :

HY-SB423BMS

Tot Ion: 65 Resp: 150359

Ion Ratio Lower Upper

65 100

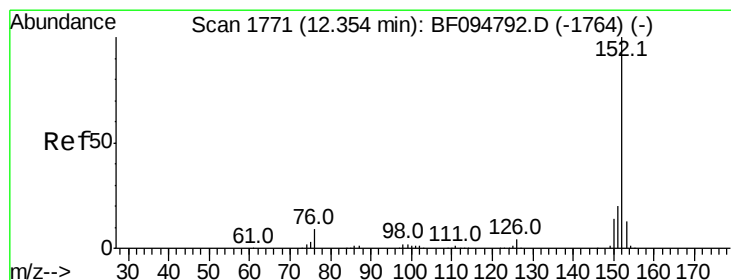
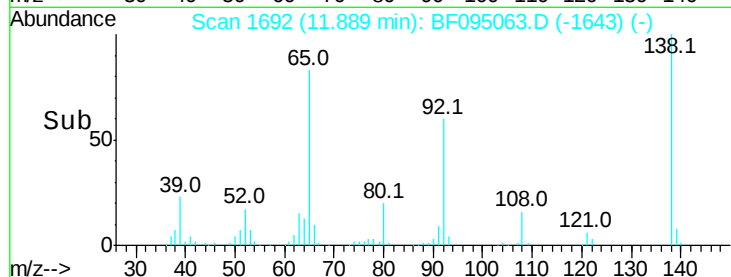
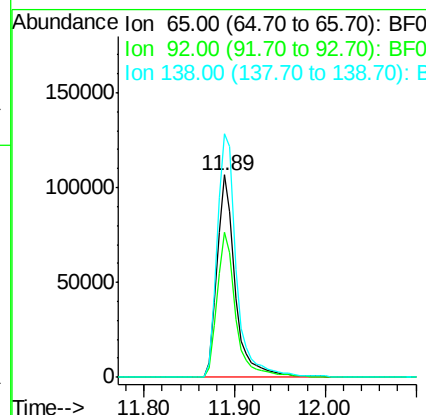
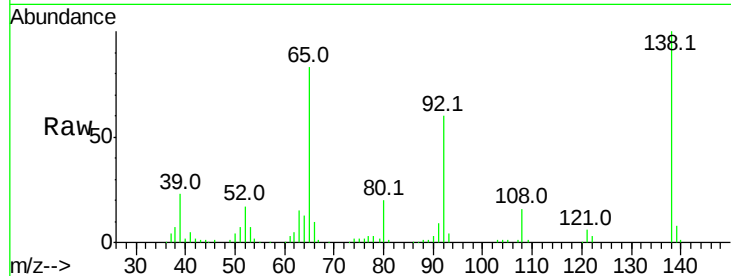
92 71.7 53.9 80.9

138 120.4 78.8 118.2#

Manual Integrations
APPROVED

mohammad

5/11/2017 2:25:27 PM



#48

Acenaphthylene

Concen: 48.73 ng

RT: 12.33 min Scan# 1767

Delta R.T. -0.02 min

Lab File: BF095063.D

Acq: 10 May 2017 19:02

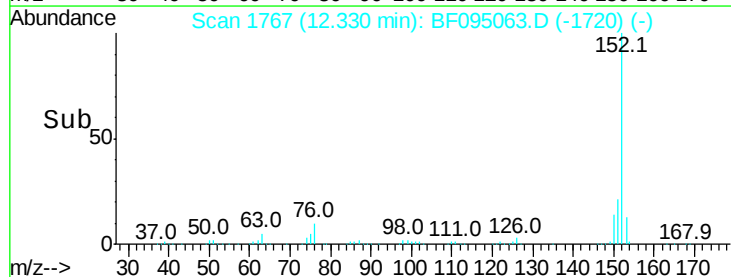
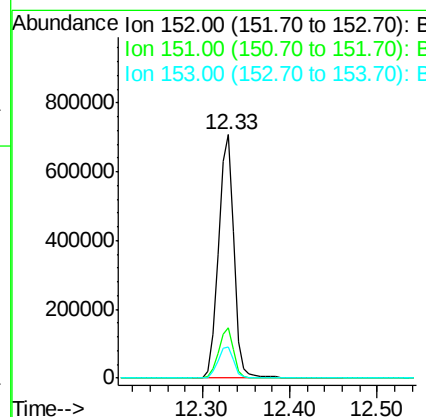
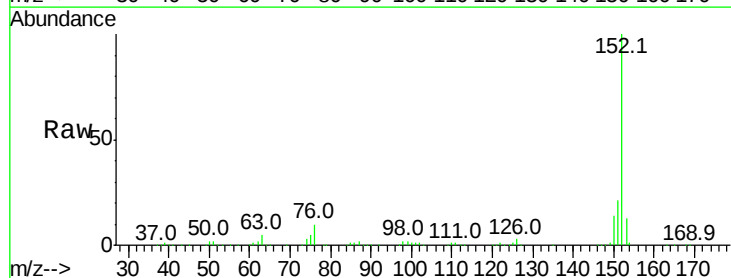
Tgt Ion: 152 Resp: 864720

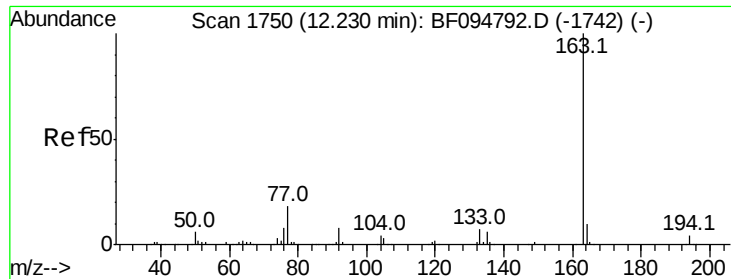
Ion Ratio Lower Upper

152 100

151 20.7 16.8 25.2

153 12.7 10.8 16.2





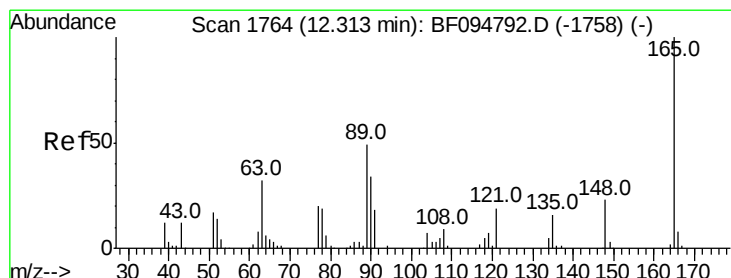
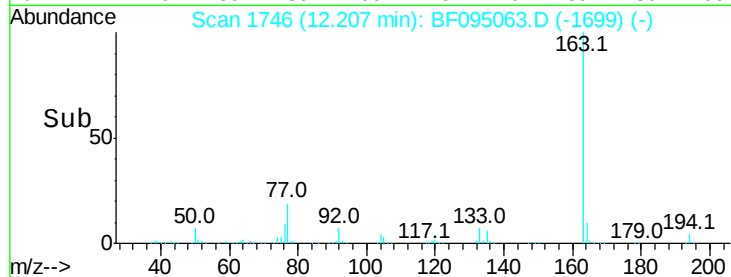
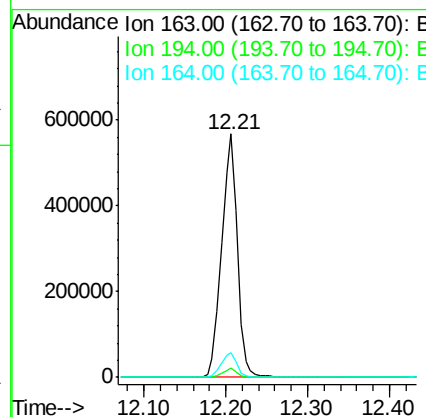
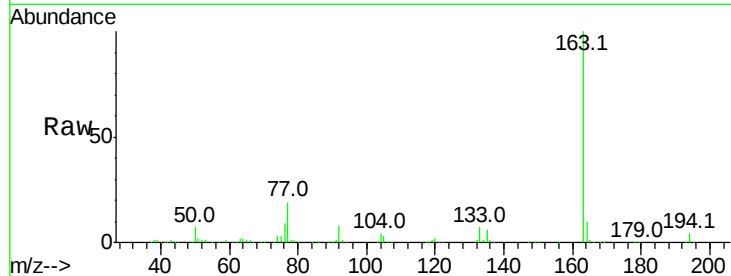
#49
Dimethylphthalate
Concen: 55.57 ng
RT: 12.21 min Scan# 1746
Delta R.T. -0.02 min
Lab File: BF095063.D
Acq: 10 May 2017 19:02

Instrument :
BNA_F
ClientSampleId :
HY-SB423BMS

Tot Ion	Ratio	Resp	Lower	Upper
163	100	760326		
194	3.7		2.6	4.0
164	9.9		8.4	12.6

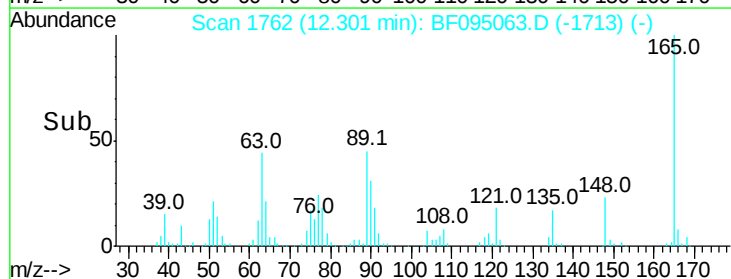
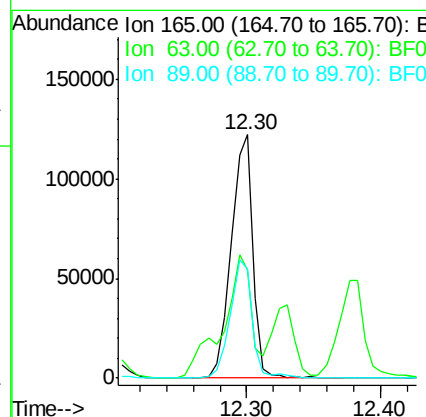
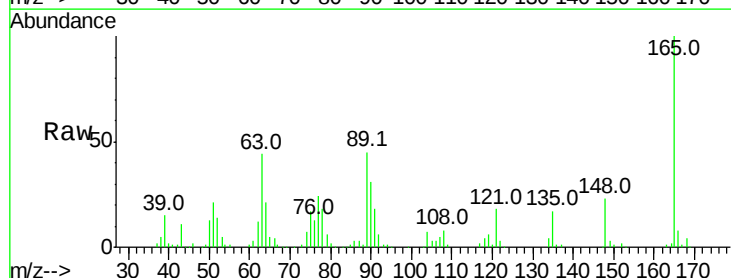
Manual Integrations
APPROVED

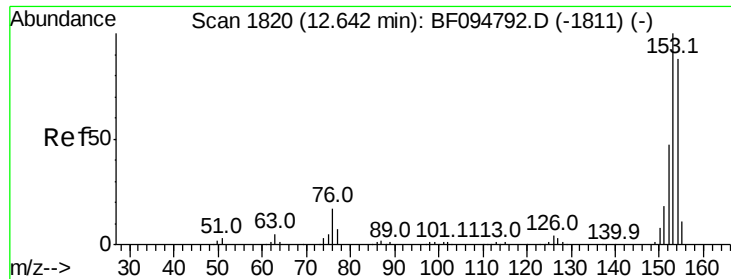
mohammad
5/11/2017 2:25:27 PM



#50
2,6-Dinitrotoluene
Concen: 50.13 ng
RT: 12.30 min Scan# 1762
Delta R.T. -0.01 min
Lab File: BF095063.D
Acq: 10 May 2017 19:02

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	139919		
63	44.5		34.3	51.5
89	44.7		37.1	55.7





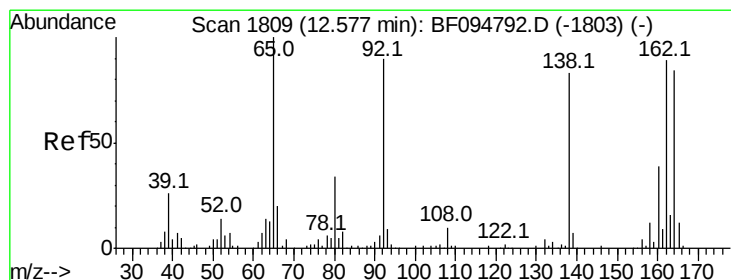
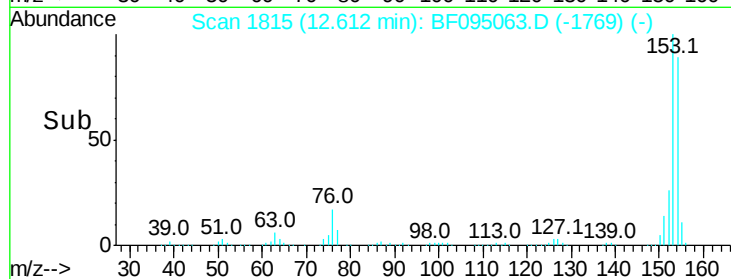
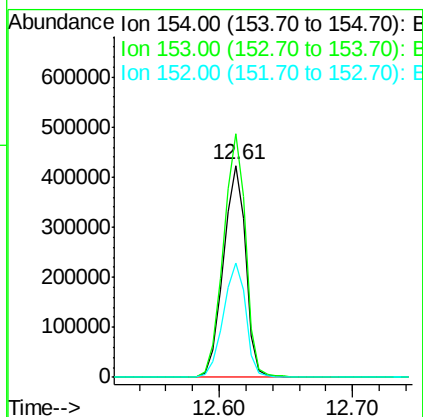
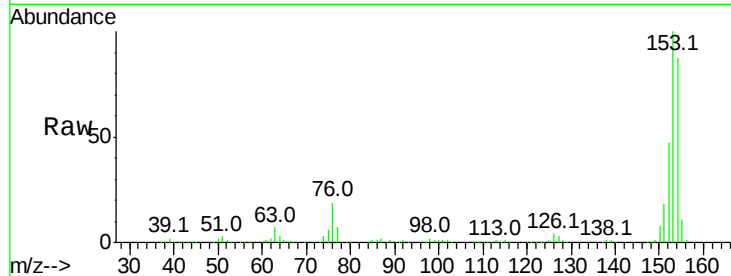
#51
Acenaphthene
Concen: 47.25 ng
RT: 12.61 min Scan# 1815
Delta R.T. -0.03 min
Lab File: BF095063.D
Acq: 10 May 2017 19:02

Instrument :
BNA_F
ClientSampleId :
HY-SB423BMS

Tot Ion	Ratio	Lower	Upper
154	100		
153	114.8	90.5	135.7
152	53.8	43.6	65.4

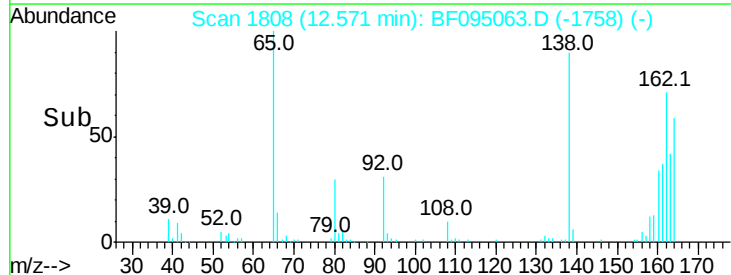
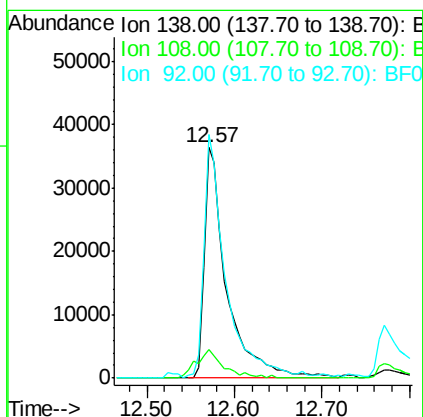
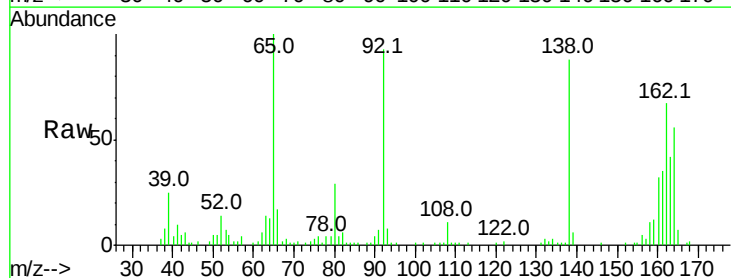
Manual Integrations
APPROVED

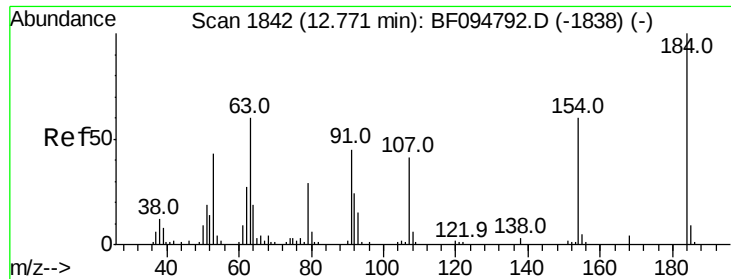
mohammad
5/11/2017 2:25:27 PM



#52
3-Nitroaniline
Concen: 21.49 ng
RT: 12.57 min Scan# 1808
Delta R.T. -0.01 min
Lab File: BF095063.D
Acq: 10 May 2017 19:02

Tgt Ion	Ratio	Lower	Upper
138	100		
108	12.5	9.1	13.7
92	105.6	93.8	140.6





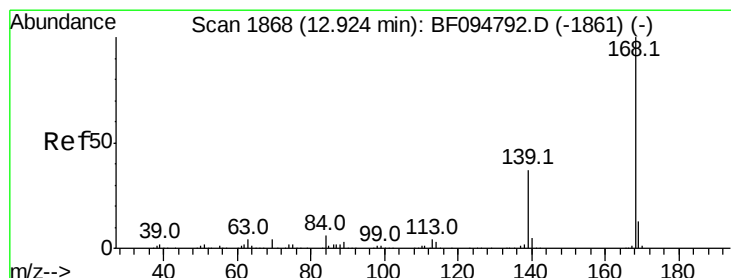
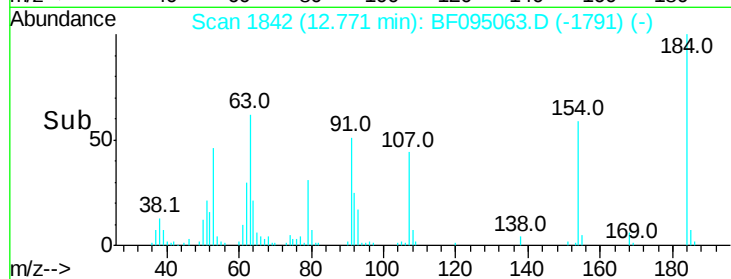
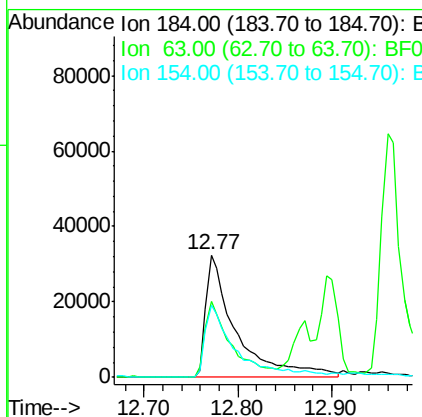
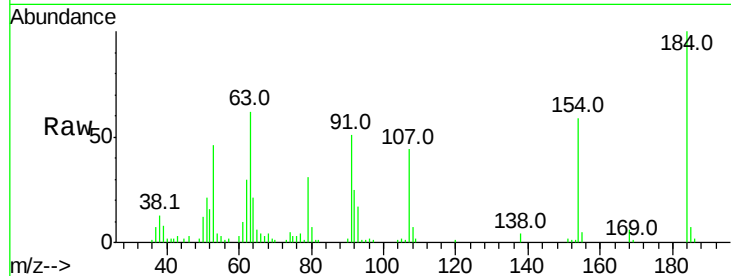
#53
 2,4-Dinitrophenol
 Concen: 50.02 ng
 RT: 12.77 min Scan# 1842
 Delta R.T. -0.00 min
 Lab File: BF095063.D
 Acq: 10 May 2017 19:02

Instrument :
 BNA_F
 ClientSampleId :
 HY-SB423BMS

Tot Ion	Ratio	Lower	Upper
184	100		
63	62.0	62.7	94.1#
154	58.7	81.1	121.7#

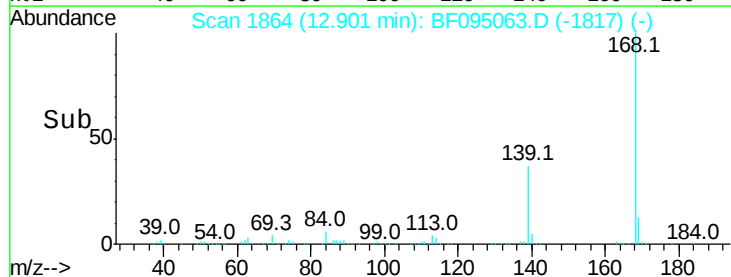
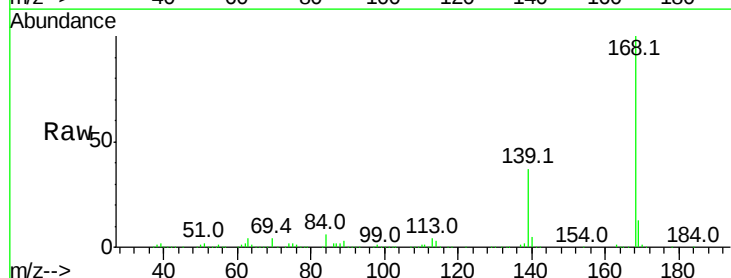
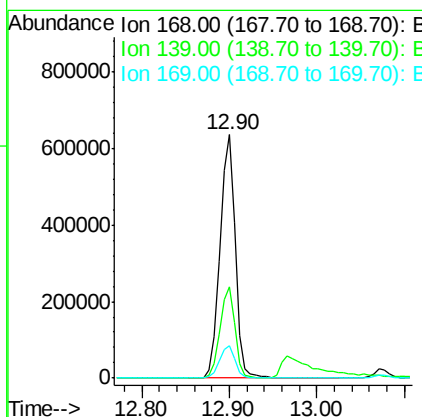
Manual Integrations
 APPROVED

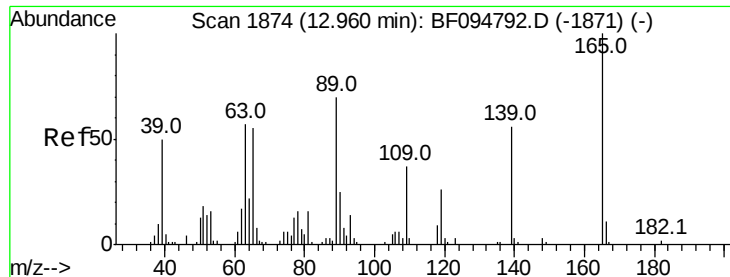
mohammad
 5/11/2017 2:25:27 PM



#54
 Dibenzofuran
 Concen: 52.77 ng
 RT: 12.90 min Scan# 1864
 Delta R.T. -0.02 min
 Lab File: BF095063.D
 Acq: 10 May 2017 19:02

Tgt Ion	Ratio	Lower	Upper
168	100		
139	37.3	30.6	45.8
169	13.4	10.8	16.2





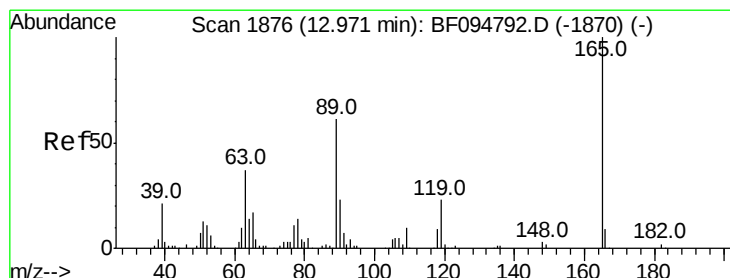
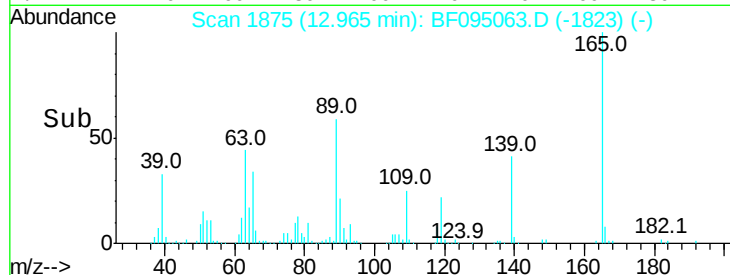
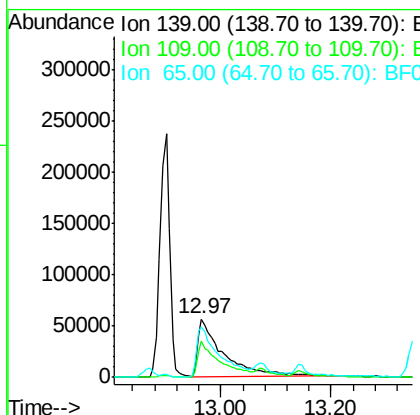
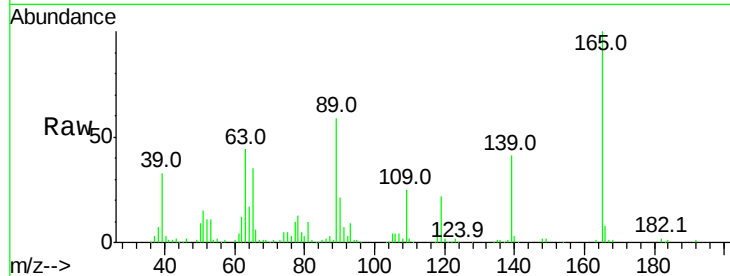
#55
4-Nitrophenol
Concen: 101.89 ng
RT: 12.97 min Scan# 1875
Delta R.T. 0.01 min
Lab File: BF095063.D
Acq: 10 May 2017 19:02

Instrument :
BNA_F
ClientSampleId :
HY-SB423BMS

Tot Ion	Ratio	Resp	Lower	Upper
139	100	183334		
109	61.5	34.1	74.1	
65	86.3	31.4	71.4	#

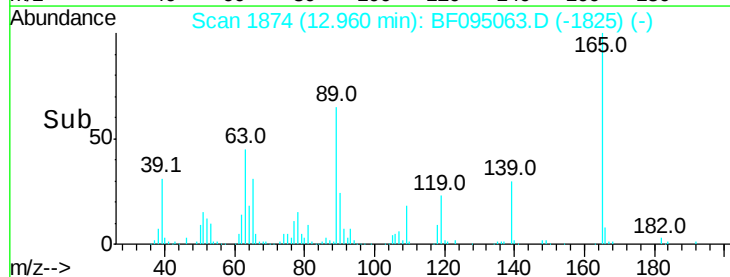
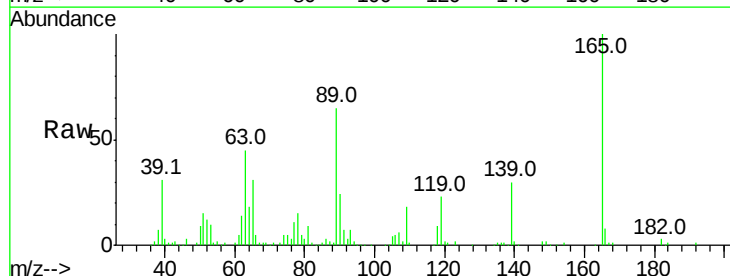
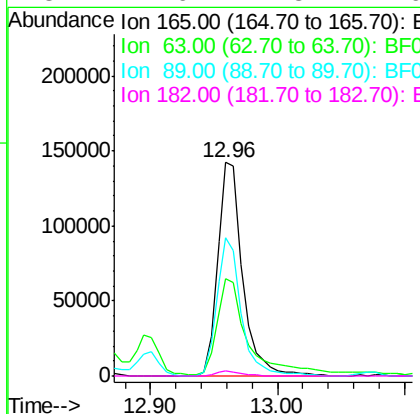
Manual Integrations
APPROVED

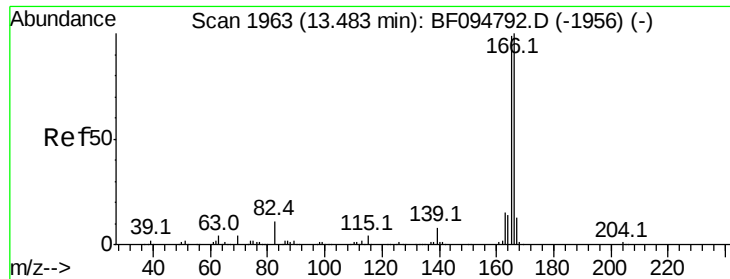
mohammad
5/11/2017 2:25:27 PM



#56
2,4-Dinitrotoluene
Concen: 54.51 ng
RT: 12.96 min Scan# 1874
Delta R.T. -0.01 min
Lab File: BF095063.D
Acq: 10 May 2017 19:02

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	195524		
63	45.3	25.4	38.0	#
89	64.6	46.4	69.6	
182	2.6	1.8	2.6	





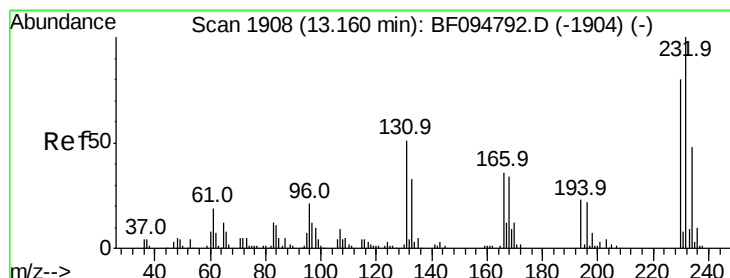
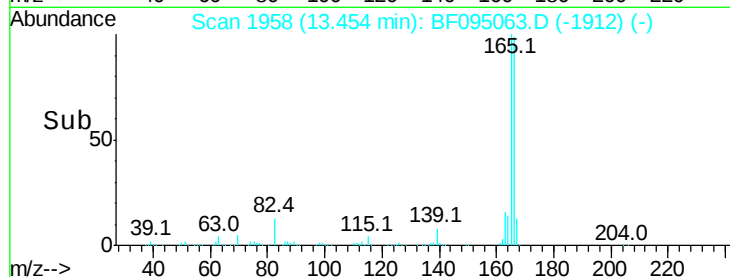
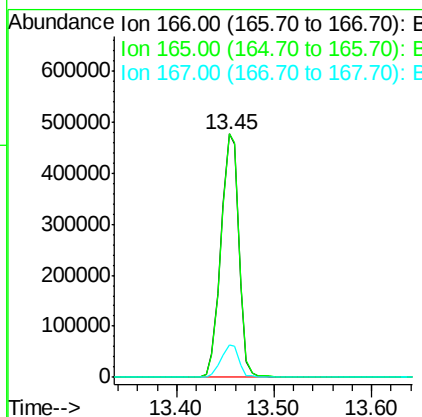
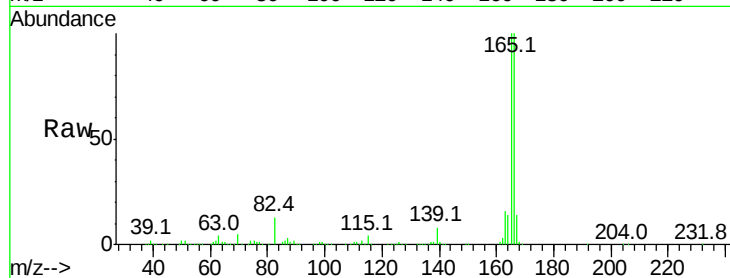
#57
 Fluorene
 Concen: 47.80 ng
 RT: 13.45 min Scan# 1958
 Delta R.T. -0.03 min
 Lab File: BF095063.D
 Acq: 10 May 2017 19:02

Instrument :
 BNA_F
 ClientSampleId :
 HY-SB423BMS

Tot Ion	Ratio	Resp	Lower	Upper
166	100			
165	100.1	78.8	118.2	
167	13.5	10.6	16.0	

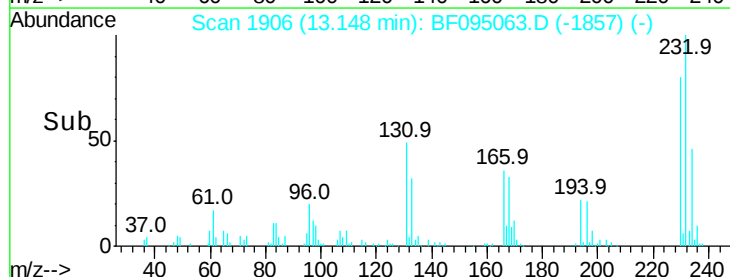
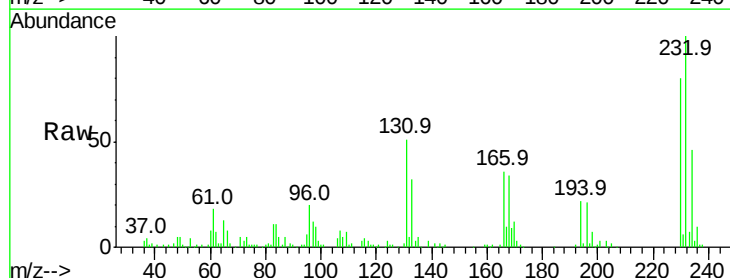
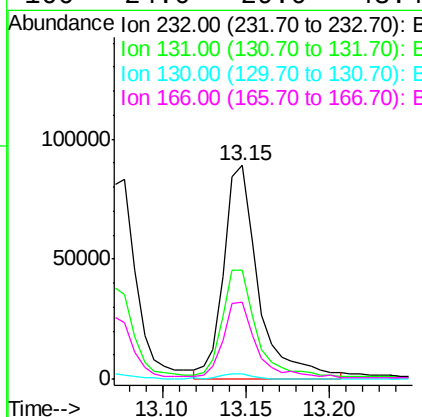
Manual Integrations
 APPROVED

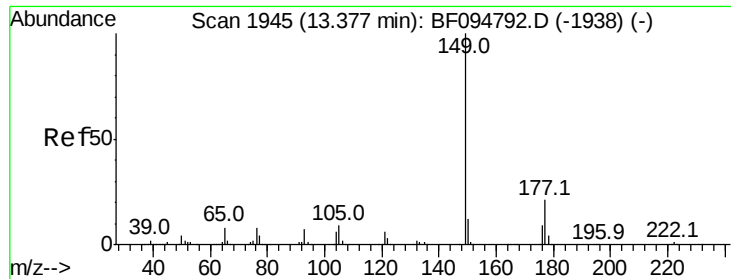
mohammad
 5/11/2017 2:25:27 PM



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 56.31 ng m
 RT: 13.15 min Scan# 1906
 Delta R.T. -0.01 min
 Lab File: BF095063.D
 Acq: 10 May 2017 19:02

Tgt Ion	Ratio	Resp	Lower	Upper
232	100			
131	37.2	44.8	67.2#	
130	2.0	2.3	3.5#	
166	24.0	29.0	43.4#	





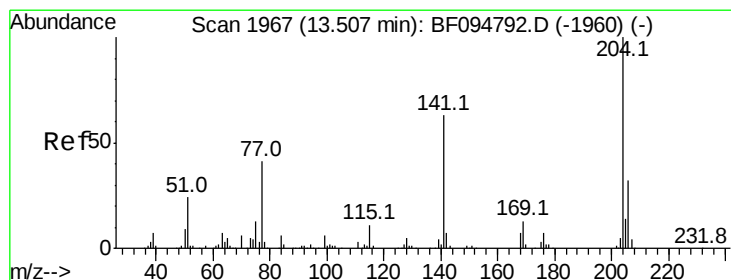
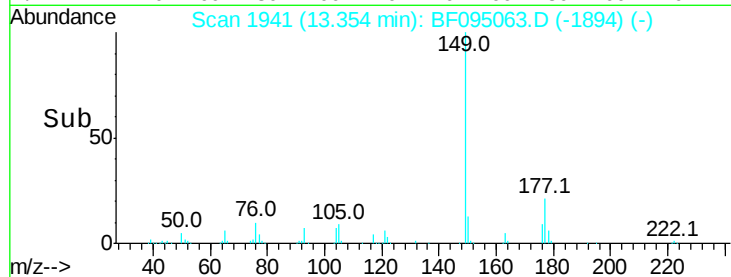
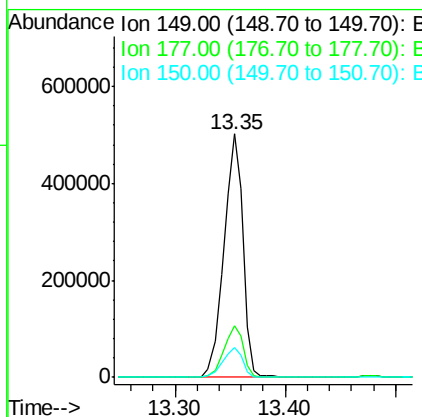
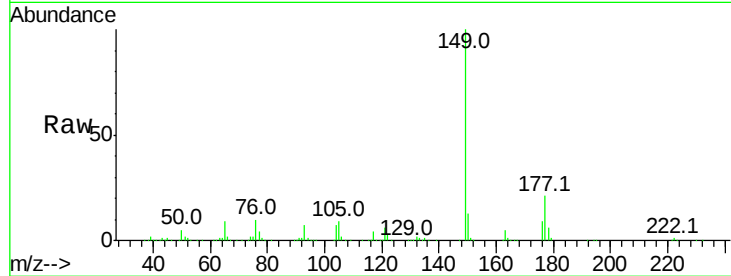
#59
Diethylphthalate
Concen: 46.19 ng
RT: 13.35 min Scan# 1941
Delta R.T. -0.02 min
Lab File: BF095063.D
Acq: 10 May 2017 19:02

Instrument :
BNA_F
ClientSampleId :
HY-SB423BMS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	605765		
177	21.2	16.7	25.1	
150	12.5	10.2	15.2	

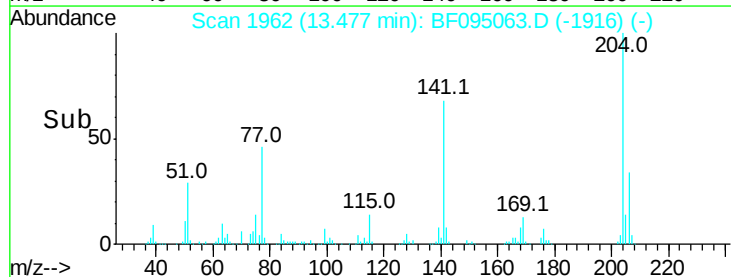
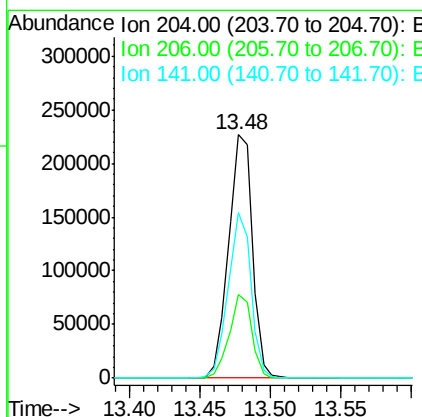
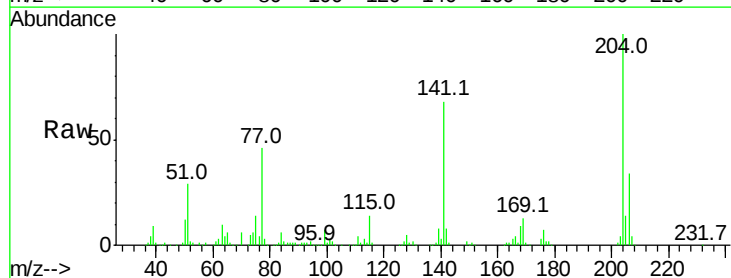
Manual Integrations
APPROVED

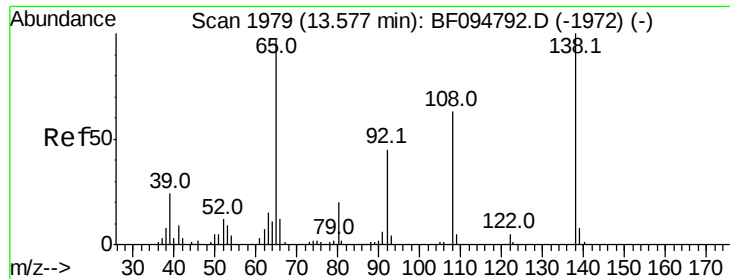
mohammad
5/11/2017 2:25:27 PM



#60
4-Chlorophenyl-phenylether
Concen: 47.65 ng
RT: 13.48 min Scan# 1962
Delta R.T. -0.03 min
Lab File: BF095063.D
Acq: 10 May 2017 19:02

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	267108		
206	34.4	26.2	39.2	
141	67.9	60.8	91.2	





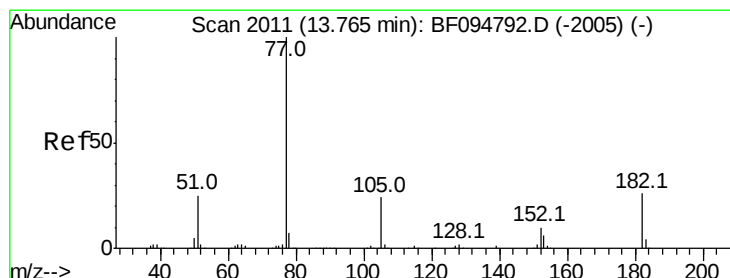
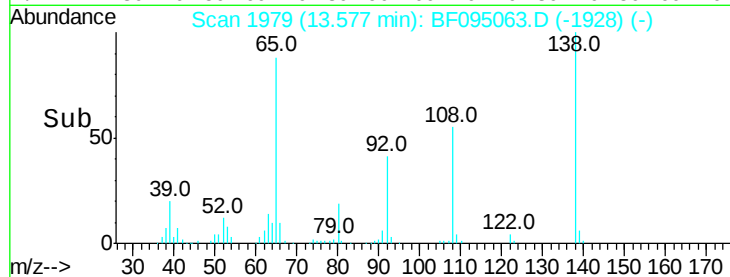
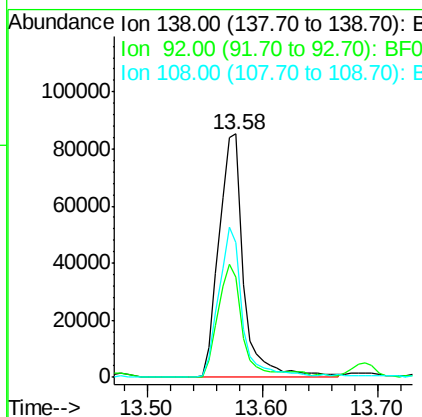
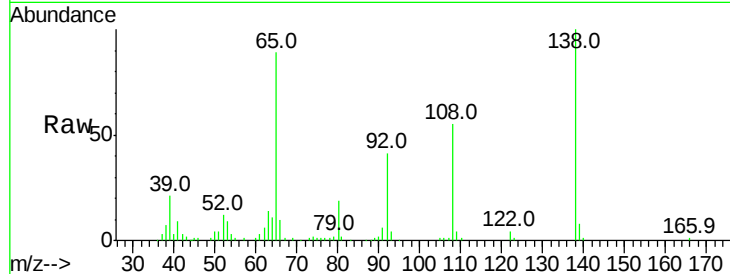
#61
 4-Nitroaniline
 Concen: 46.17 ng
 RT: 13.58 min Scan# 1979
 Delta R.T. -0.00 min
 Lab File: BF095063.D
 Acq: 10 May 2017 19:02

Instrument :
 BNA_F
 ClientSampleId :
 HY-SB423BMS

Tot Ion:	138	Resp:	126975
Ion Ratio	Lower	Upper	
138	100		
92	41.3	21.8	61.8
108	55.4	42.3	82.3

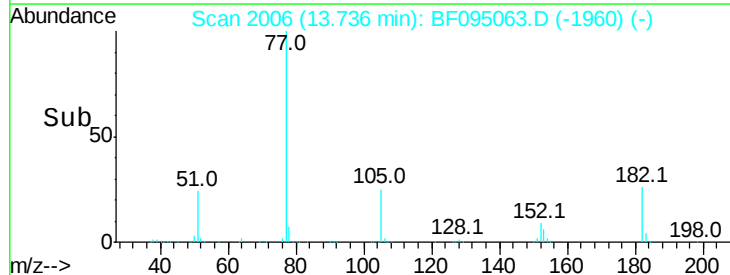
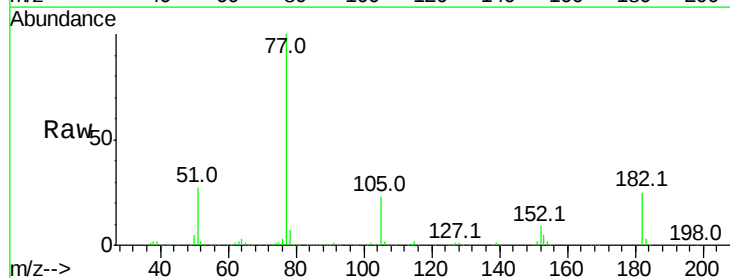
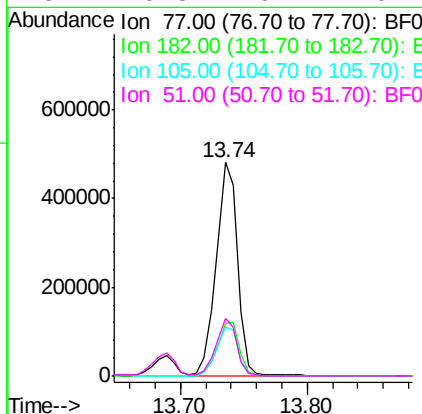
Manual Integrations
 APPROVED

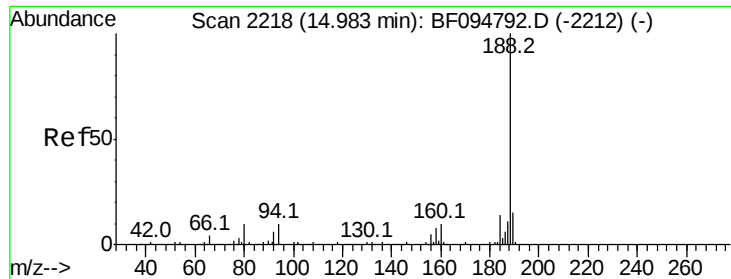
mohammad
 5/11/2017 2:25:27 PM



#62
 Azobenzene
 Concen: 54.28 ng
 RT: 13.74 min Scan# 2006
 Delta R.T. -0.03 min
 Lab File: BF095063.D
 Acq: 10 May 2017 19:02

Tgt Ion:	77	Resp:	572036
Ion Ratio	Lower	Upper	
77	100		
182	24.5	0.1	40.1
105	23.0	3.6	43.6
51	26.8	9.4	49.4





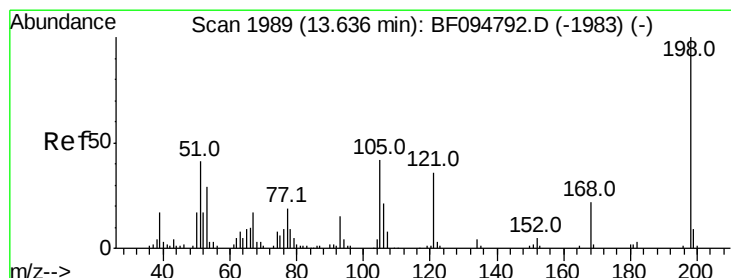
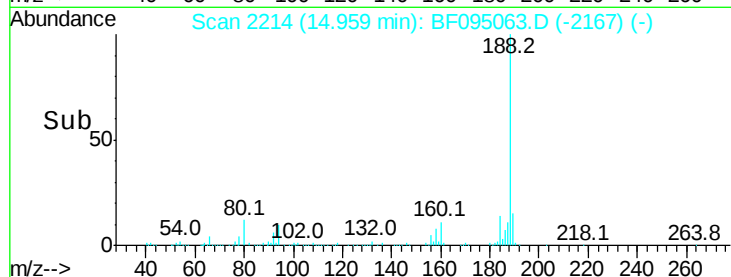
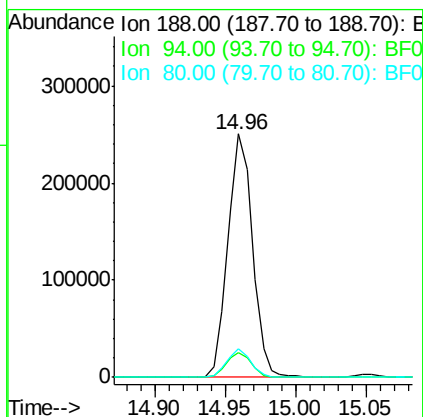
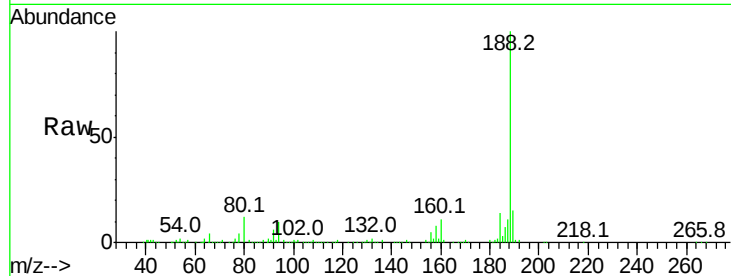
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 14.96 min Scan# 2214
Delta R.T. -0.02 min
Lab File: BF095063.D
Acq: 10 May 2017 19:02

Instrument :
BNA_F
ClientSampleId :
HY-SB423BMS

Tot Ion	Ratio	Resp Lower	Upper
188	100		
94	10.0	9.4	14.2
80	11.5	10.2	15.2

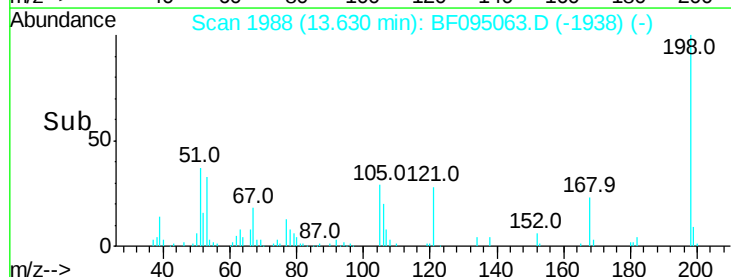
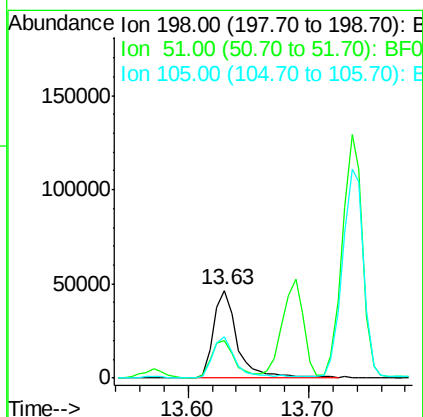
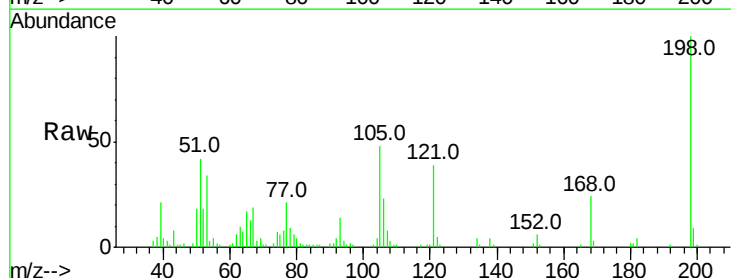
Manual Integrations
APPROVED

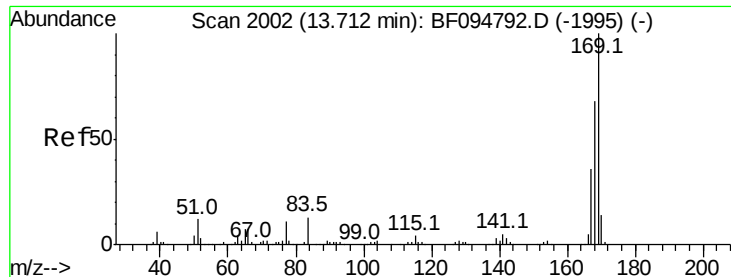
mohammad
5/11/2017 2:25:27 PM



#64
4,6-Dinitro-2-methylphenol
Concen: 31.01 ng
RT: 13.63 min Scan# 1988
Delta R.T. -0.01 min
Lab File: BF095063.D
Acq: 10 May 2017 19:02

Tgt Ion	Ratio	Resp Lower	Upper
198	100		
51	42.5	53.2	93.2#
105	47.5	45.8	85.8





#65

n-Nitrosodiphenylamine

Concen: 47.01 ng

RT: 13.69 min Scan# 1998

Delta R.T. -0.02 min

Lab File: BF095063.D

Acq: 10 May 2017 19:02

Instrument :

BNA_F

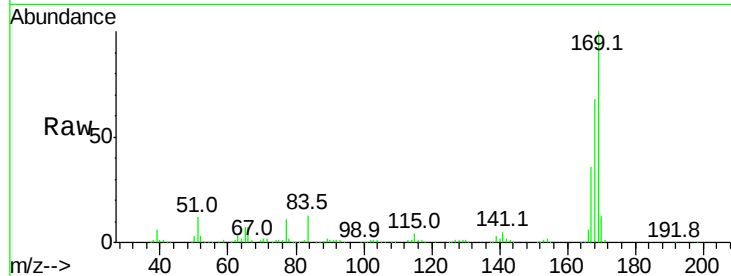
ClientSampleId :

HY-SB423BMS

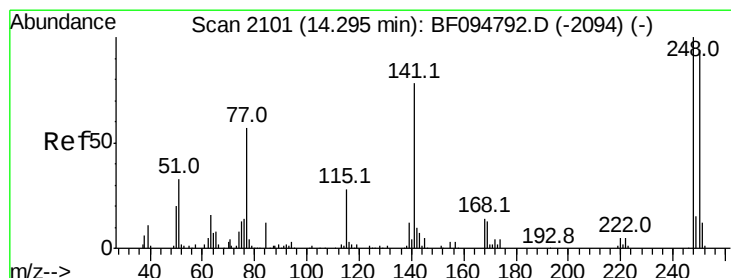
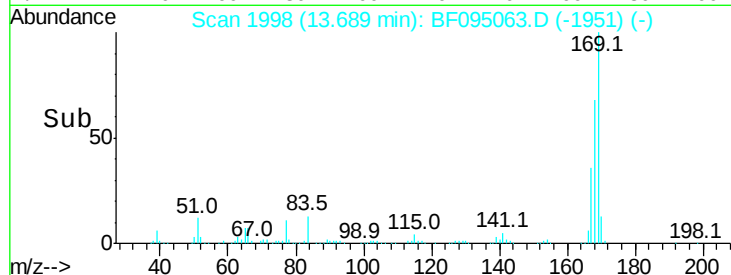
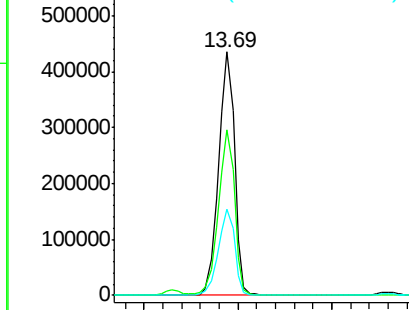
Tot Ion:	169	Resp:	520277
Ion Ratio	Lower	Upper	
169	100		
168	67.8	53.2	79.8
167	35.6	29.5	44.3

Manual Integrations
APPROVED

mohammad
5/11/2017 2:25:27 PM



Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 47.27 ng

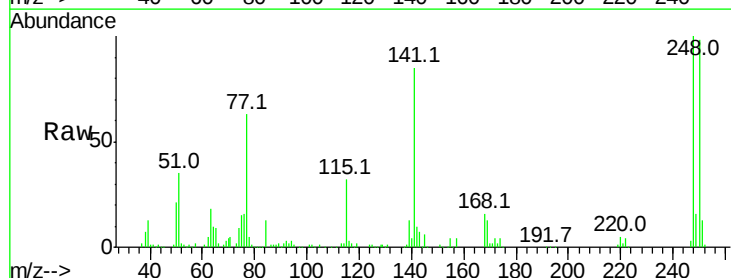
RT: 14.27 min Scan# 2096

Delta R.T. -0.03 min

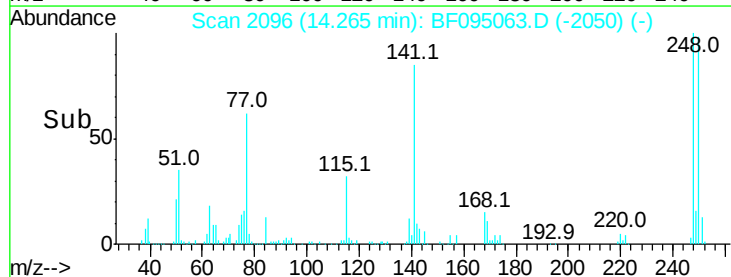
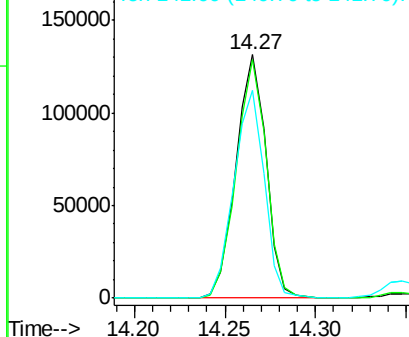
Lab File: BF095063.D

Acq: 10 May 2017 19:02

Tgt Ion:	248	Resp:	152259
Ion Ratio	Lower	Upper	
248	100		
250	98.0	76.8	115.2
141	85.2	68.6	103.0



Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 47.03 ng

RT: 14.35 min Scan# 2110

Delta R.T. -0.02 min

Lab File: BF095063.D

Acq: 10 May 2017 19:02

Instrument :

BNA_F

ClientSampleId :

HY-SB423BMS

Tot Ion:284 Resp: 155247
Ion Ratio Lower Upper

284 100

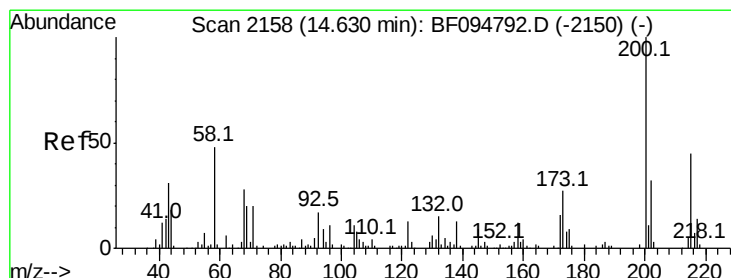
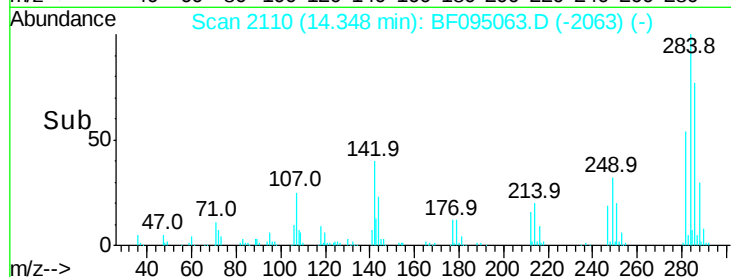
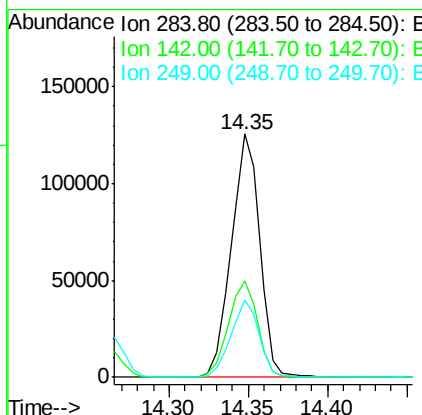
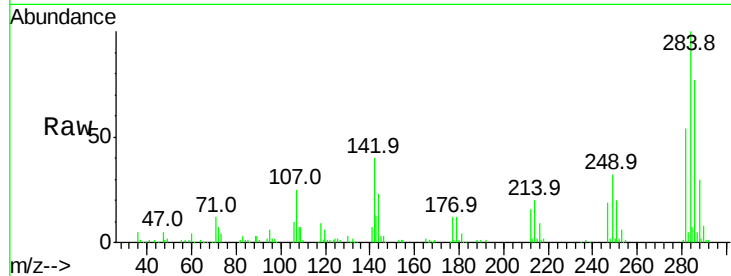
142 39.8 22.8 34.2#

249 31.5 24.0 36.0

Manual Integrations
APPROVED

mohammad

5/11/2017 2:25:27 PM



#68

Atrazine

Concen: 48.91 ng

RT: 14.61 min Scan# 2155

Delta R.T. -0.02 min

Lab File: BF095063.D

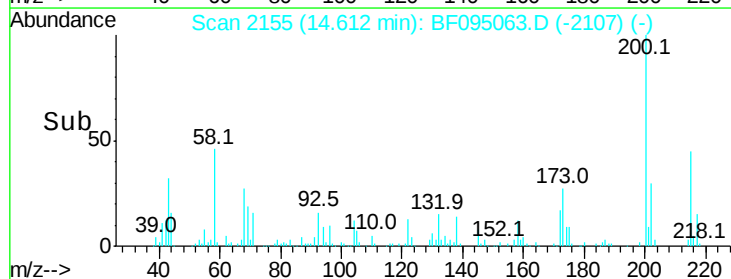
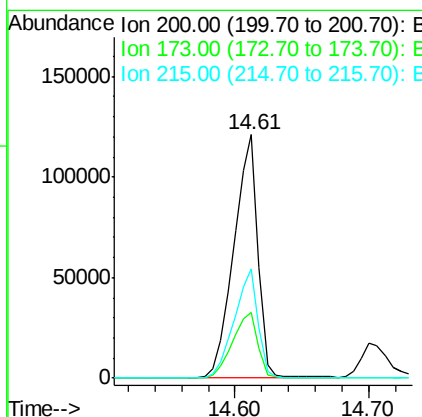
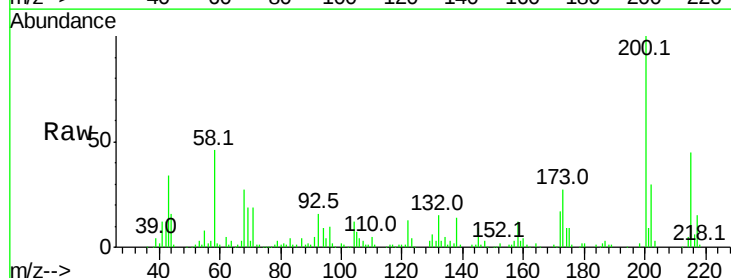
Acq: 10 May 2017 19:02

Tgt Ion:200 Resp: 152828
Ion Ratio Lower Upper

200 100

173 27.2 6.3 46.3

215 44.8 27.2 67.2





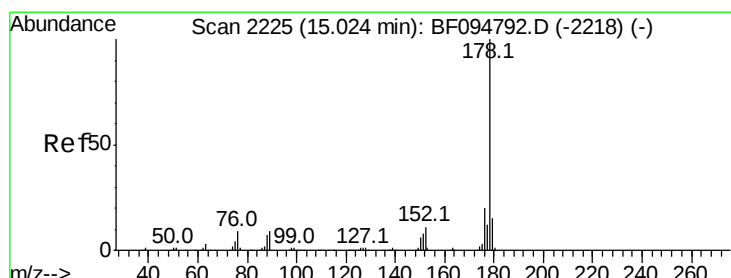
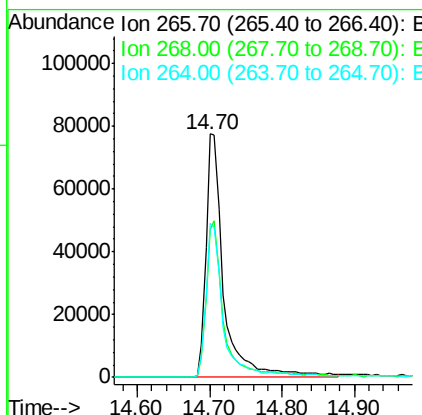
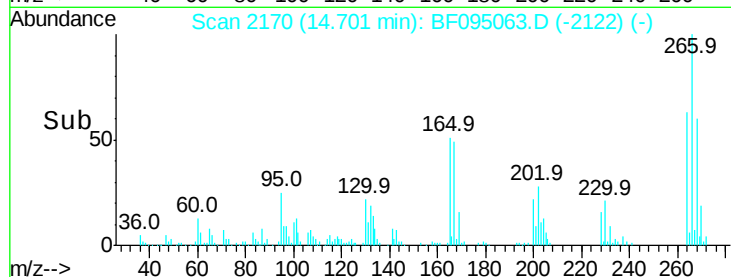
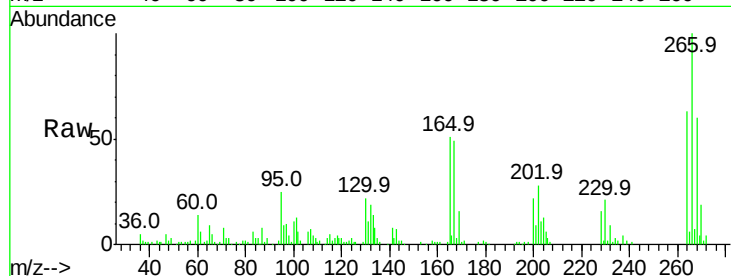
#69
 Pentachlorophenol
 Concen: 89.05 ng
 RT: 14.70 min Scan# 2170
 Delta R.T. -0.02 min
 Lab File: BF095063.D
 Acq: 10 May 2017 19:02

Instrument :
 BNA_F
 ClientSampleId :
 HY-SB423BMS

Tot Ion	Ratio	Resp	Lower	Upper
266	100	133988		
268	60.4	51.1	76.7	
264	63.2	51.7	77.5	

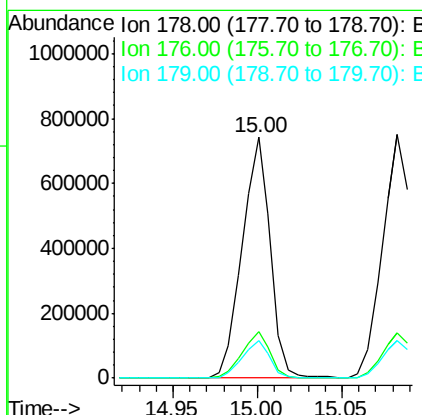
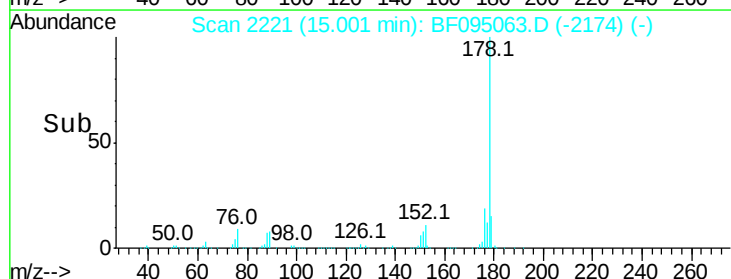
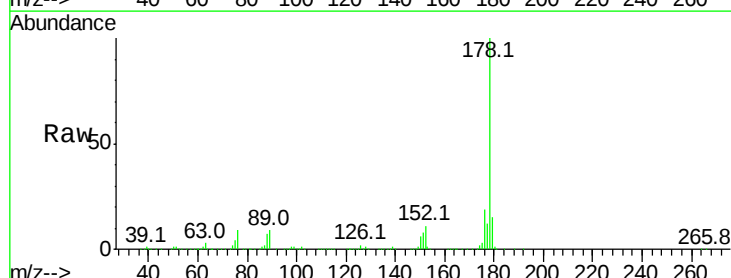
Manual Integrations
 APPROVED

mohammad
 5/11/2017 2:25:27 PM



#70
 Phenanthrene
 Concen: 49.14 ng
 RT: 15.00 min Scan# 2221
 Delta R.T. -0.02 min
 Lab File: BF095063.D
 Acq: 10 May 2017 19:02

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	860847		
176	19.1	16.2	24.4	
179	15.4	12.6	19.0	





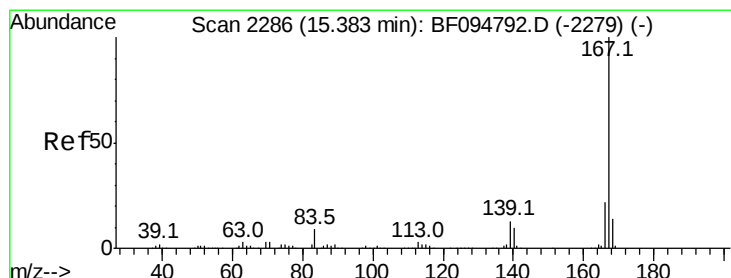
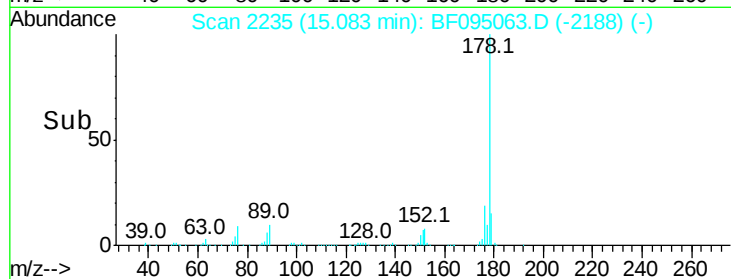
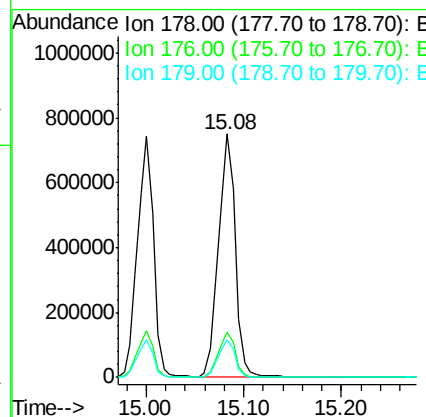
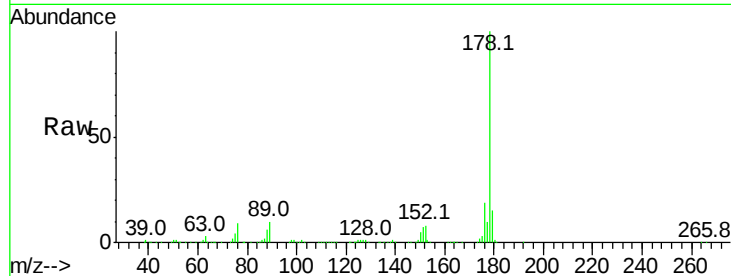
#71
 Anthracene
 Concen: 50.52 ng
 RT: 15.08 min Scan# 2235
 Delta R.T. -0.02 min
 Lab File: BF095063.D
 Acq: 10 May 2017 19:02

Instrument :
 BNA_F
 ClientSampleId :
 HY-SB423BMS

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.6	15.8	23.8
179	15.2	12.7	19.1

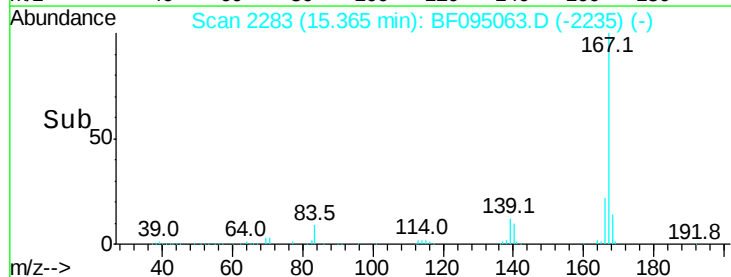
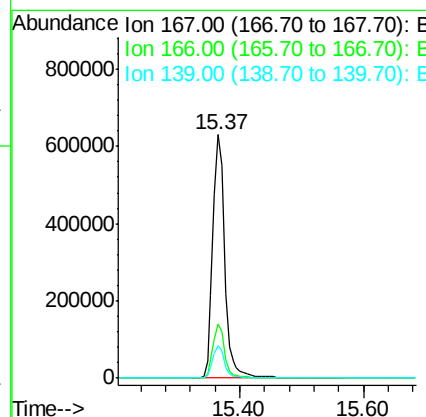
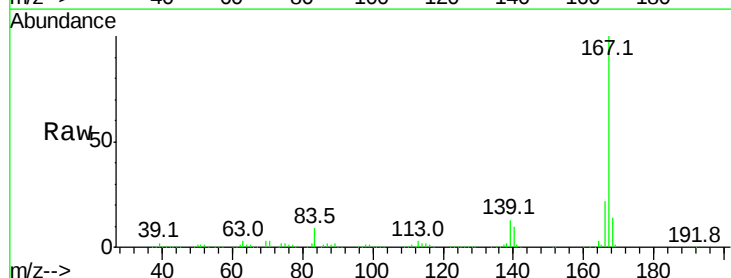
Manual Integrations
 APPROVED

mohammad
 5/11/2017 2:25:27 PM



#72
 Carbazole
 Concen: 51.83 ng
 RT: 15.37 min Scan# 2283
 Delta R.T. -0.02 min
 Lab File: BF095063.D
 Acq: 10 May 2017 19:02

Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.5	18.1	27.1
139	13.3	11.7	17.5





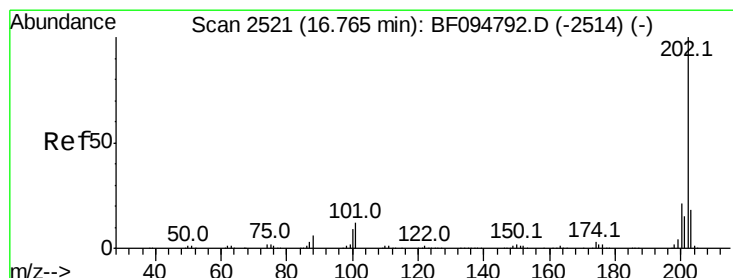
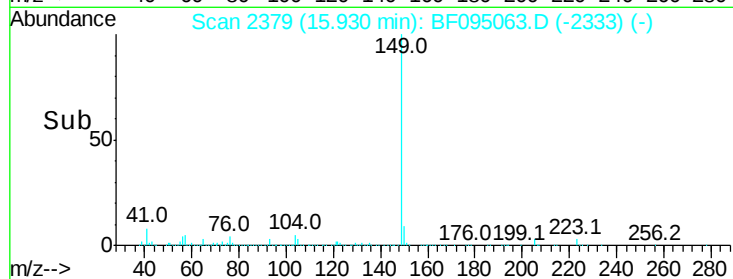
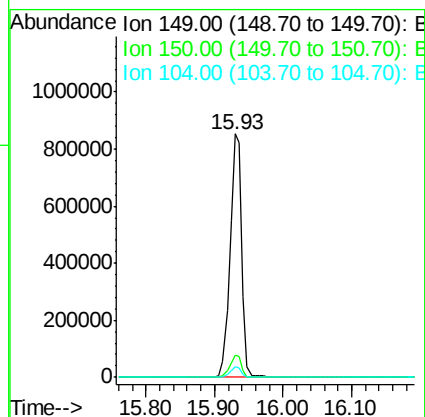
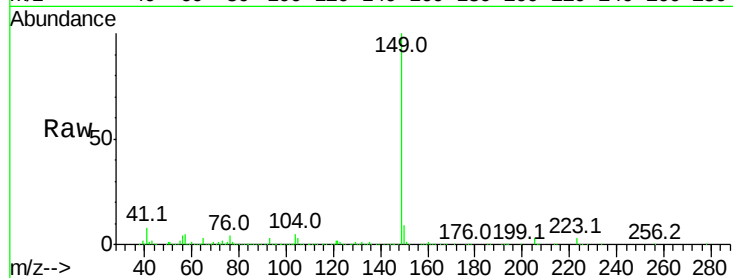
#73
Di-n-butylphthalate
Concen: 50.42 ng
RT: 15.93 min Scan# 2379
Delta R.T. -0.03 min
Lab File: BF095063.D
Acq: 10 May 2017 19:02

Instrument :
BNA_F
ClientSampleId :
HY-SB423BMS

Tot Ion	Ratio	Lower	Upper
149	100		
150	9.1	7.7	11.5
104	4.5	4.0	6.0

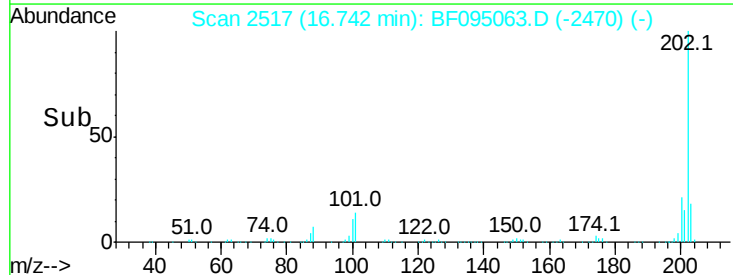
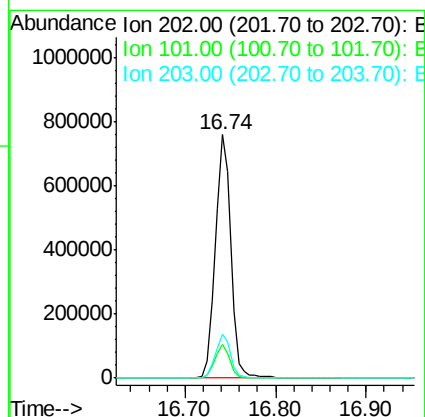
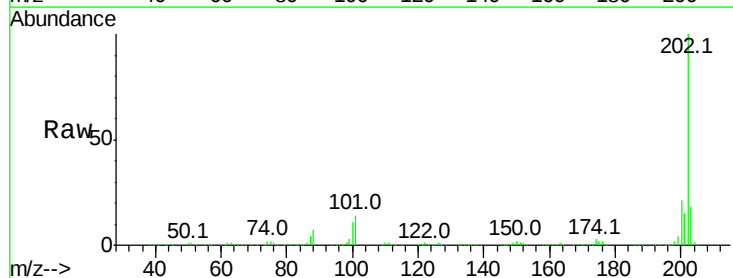
Manual Integrations
APPROVED

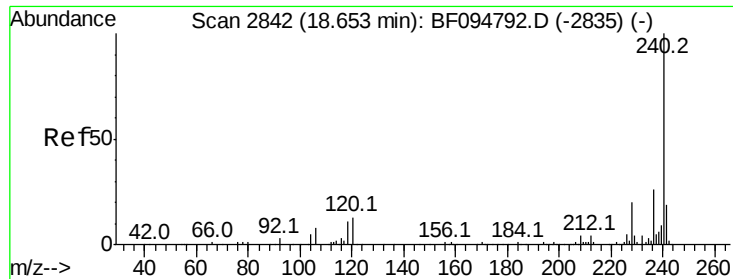
mohammad
5/11/2017 2:25:27 PM



#74
Fluoranthene
Concen: 50.35 ng
RT: 16.74 min Scan# 2517
Delta R.T. -0.02 min
Lab File: BF095063.D
Acq: 10 May 2017 19:02

Tgt Ion	Ratio	Lower	Upper
202	100		
101	13.8	0.0	33.2
203	18.0	0.0	38.1





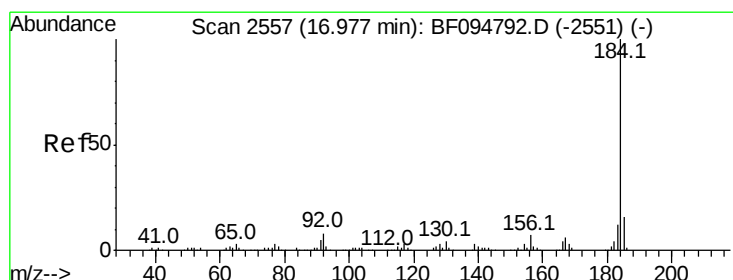
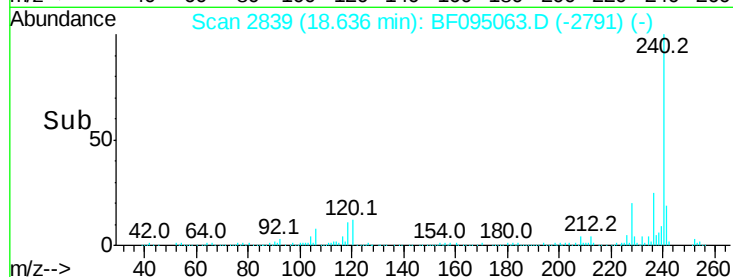
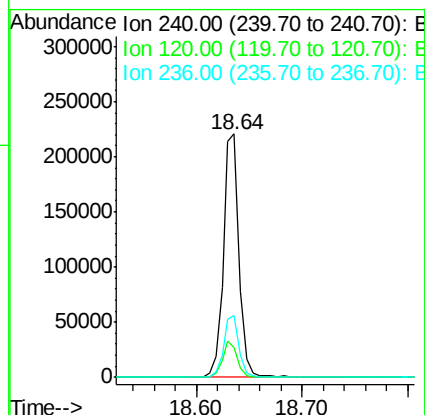
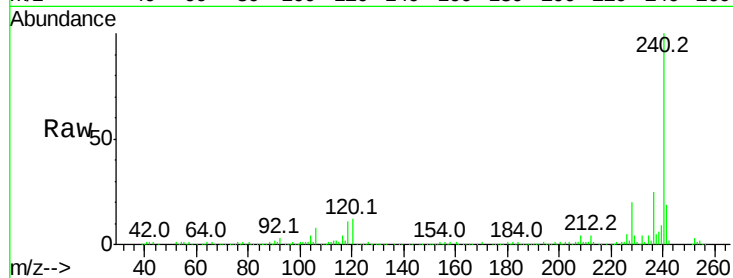
#75
Chrysene-d12
Concen: 20.00 ng
RT: 18.64 min Scan# 2839
Delta R.T. -0.02 min
Lab File: BF095063.D
Acq: 10 May 2017 19:02

Instrument :
BNA_F
ClientSampleId :
HY-SB423BMS

Tot Ion	Ratio	Lower	Upper
240	100		
120	12.2	5.8	8.8#
236	25.4	20.5	30.7

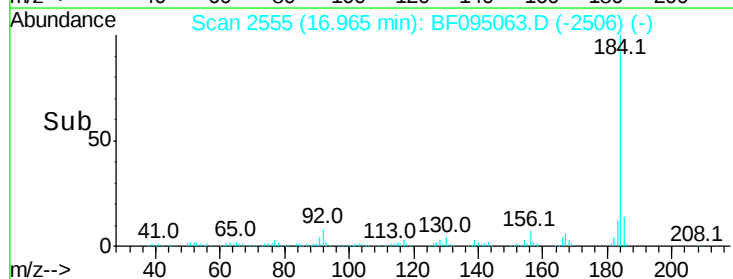
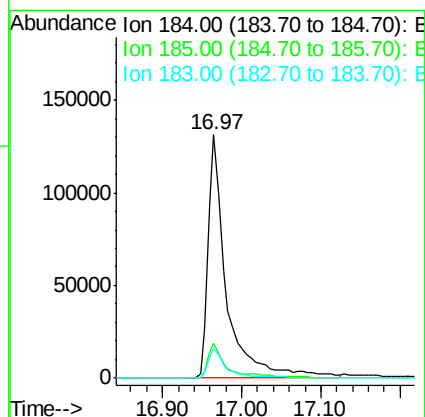
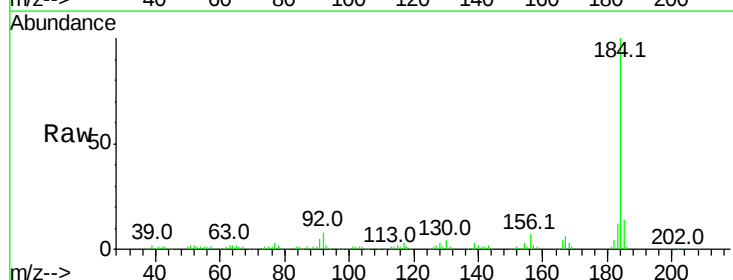
Manual Integrations
APPROVED

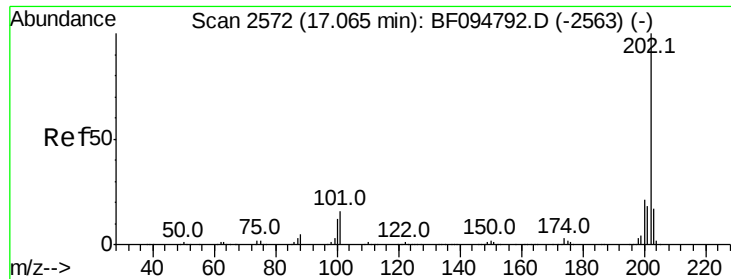
mohammad
5/11/2017 2:25:27 PM



#76
Benzidine
Concen: 36.49 ng
RT: 16.97 min Scan# 2555
Delta R.T. -0.01 min
Lab File: BF095063.D
Acq: 10 May 2017 19:02

Tgt Ion	Ratio	Lower	Upper
184	100		
185	14.3	15.5	23.3#
183	12.3	9.8	14.6





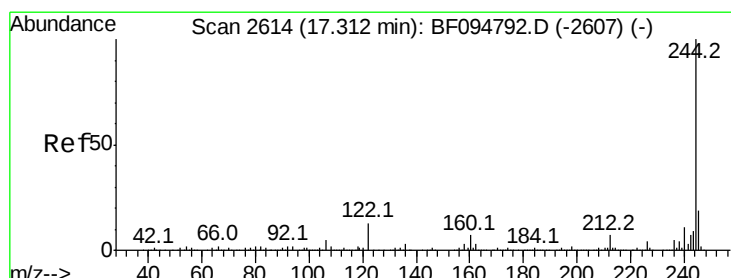
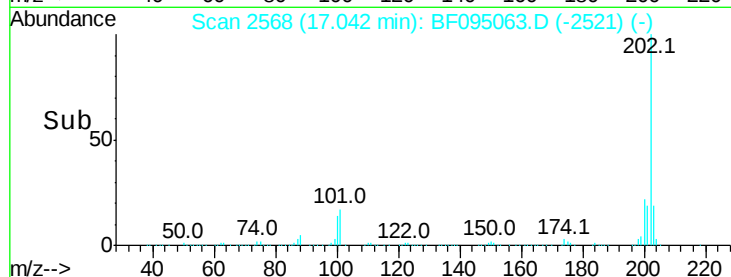
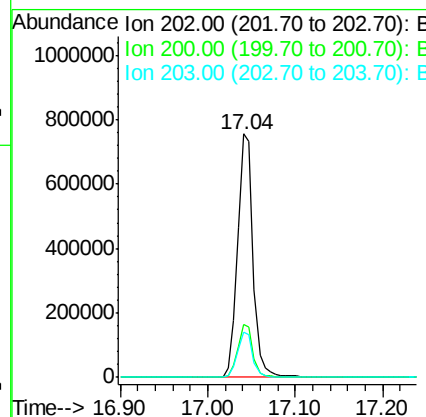
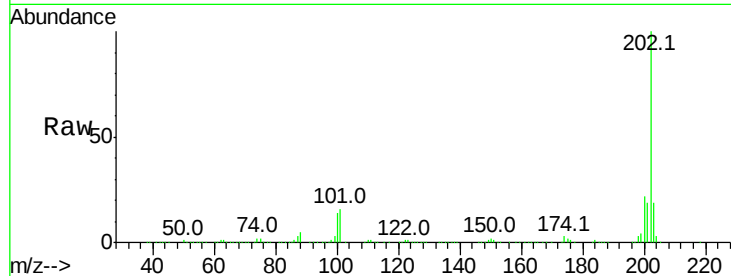
#77
Pvrene
Concen: 53.37 ng
RT: 17.04 min Scan# 2568
Delta R.T. -0.02 min
Lab File: BF095063.D
Acq: 10 May 2017 19:02

Instrument :
BNA_F
ClientSampleId :
HY-SB423BMS

Tot Ion	Ratio	Lower	Upper
202	100		
200	21.8	17.6	26.4
203	18.6	14.4	21.6

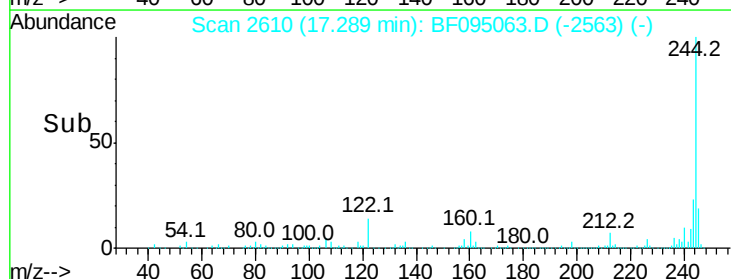
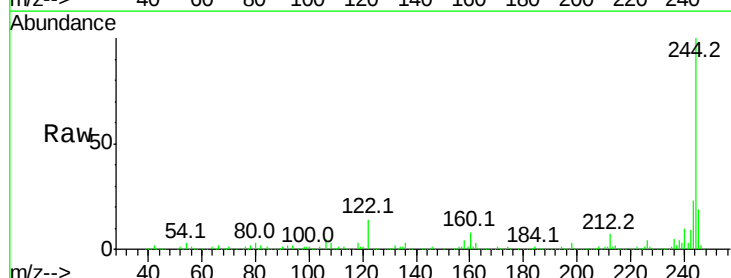
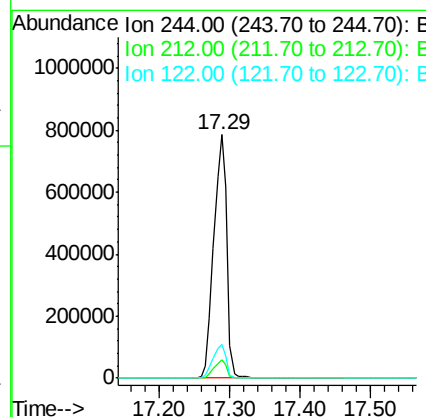
Manual Integrations
APPROVED

mohammad
5/11/2017 2:25:27 PM



#78
Terphenyl-d14
Concen: 97.55 ng
RT: 17.29 min Scan# 2610
Delta R.T. -0.02 min
Lab File: BF095063.D
Acq: 10 May 2017 19:02

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.5	6.0	9.0
122	13.7	10.3	15.5





#79

Butylbenzylphthalate

Concen: 52.73 ng

RT: 17.95 min Scan# 2722

Delta R.T. -0.02 min

Lab File: BF095063.D

Acq: 10 May 2017 19:02

Instrument :

BNA_F

ClientSampleId :

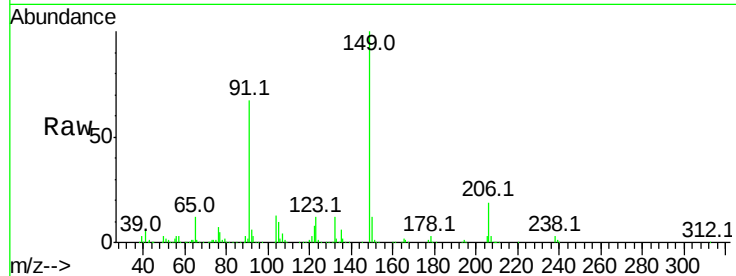
HY-SB423BMS

Tot Ion:149 Resp: 418805
Ion Ratio Lower Upper

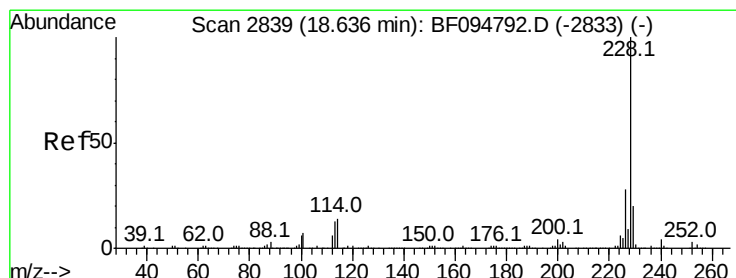
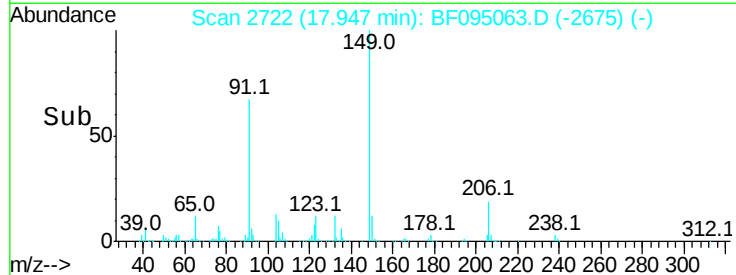
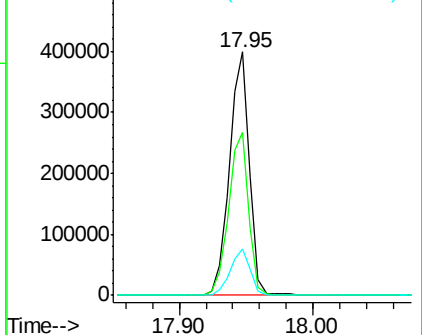
149	100		
91	66.9	45.0	67.4
206	19.3	17.0	25.6

Manual Integrations
APPROVED

mohammad
5/11/2017 2:25:27 PM



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BF0
Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 49.55 ng

RT: 18.62 min Scan# 2836

Delta R.T. -0.02 min

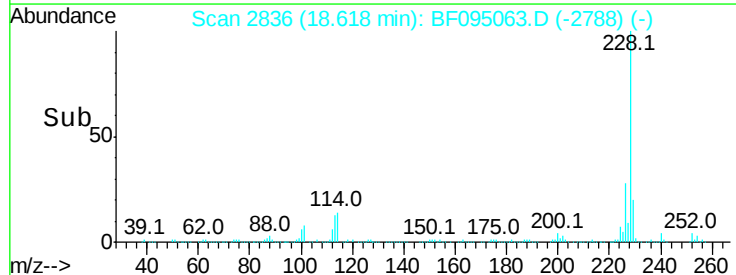
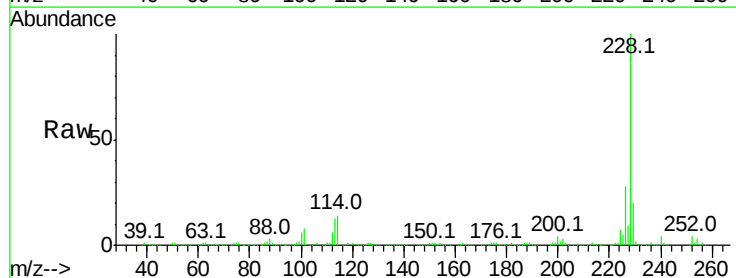
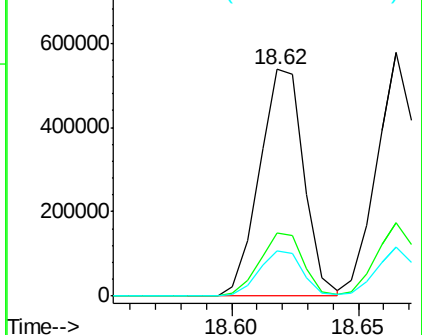
Lab File: BF095063.D

Acq: 10 May 2017 19:02

Tgt Ion:228 Resp: 658430
Ion Ratio Lower Upper

228	100		
226	27.8	22.6	33.8
229	19.9	16.3	24.5

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





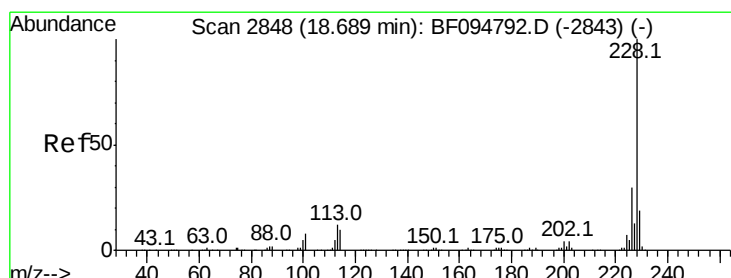
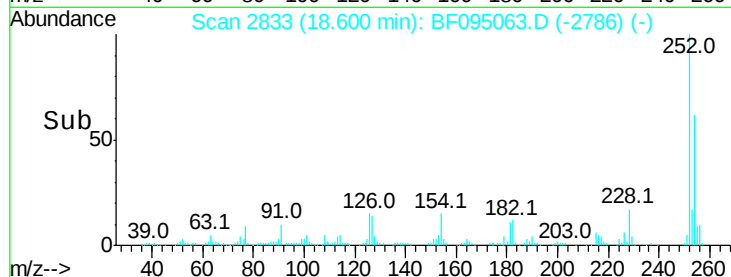
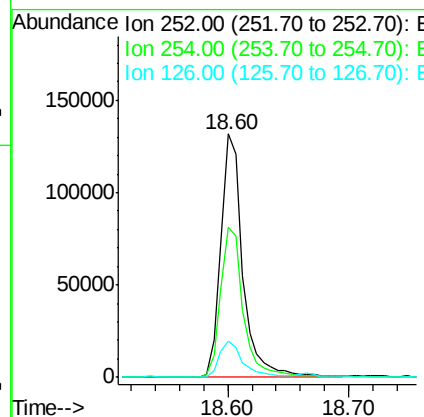
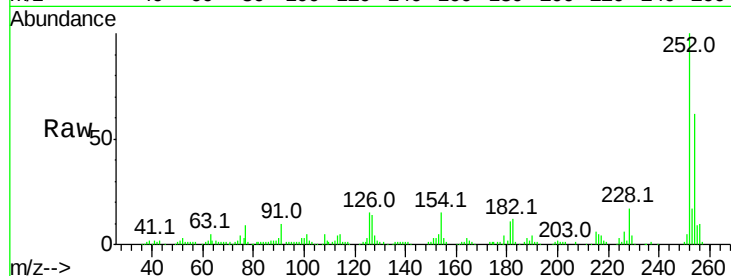
#81
 3,3'-Dichlorobenzidine
 Concen: 36.16 ng
 RT: 18.60 min Scan# 2833
 Delta R.T. -0.02 min
 Lab File: BF095063.D
 Acq: 10 May 2017 19:02

Instrument :
 BNA_F
 ClientSampleId :
 HY-SB423BMS

Tot Ion	Ratio	Resp	Lower	Upper
252	100	165971		
254	61.7	51.5	77.3	
126	14.9	15.8	23.8	

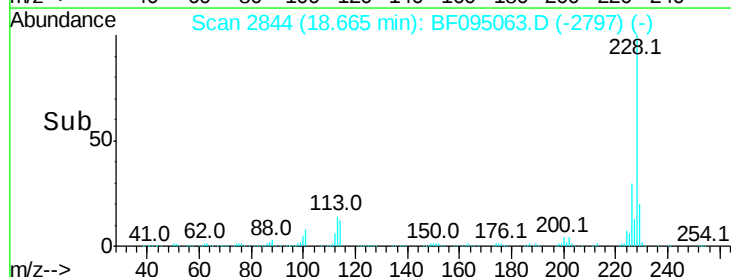
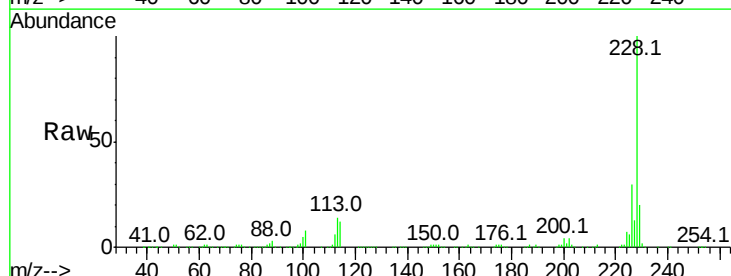
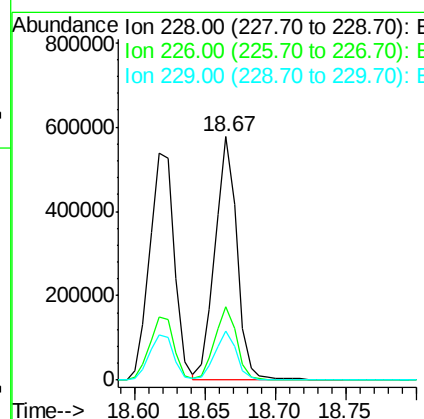
Manual Integrations
 APPROVED

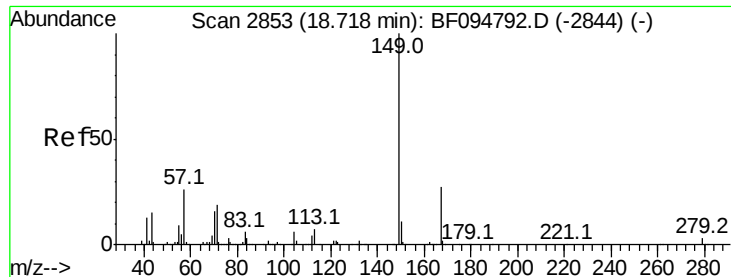
mohammad
 5/11/2017 2:25:27 PM



#82
 Chrysene
 Concen: 48.57 ng
 RT: 18.67 min Scan# 2844
 Delta R.T. -0.02 min
 Lab File: BF095063.D
 Acq: 10 May 2017 19:02

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	624040		
226	30.2	24.9	37.3	
229	20.3	15.8	23.6	





#83

Bis(2-ethylhexyl)phthalate

Concen: 51.01 ng

RT: 18.69 min Scan# 2848

Delta R.T. -0.03 min

Lab File: BF095063.D

Acq: 10 May 2017 19:02

Instrument :

BNA_F

ClientSampleId :

HY-SB423BMS

Tot Ion:149 Resp: 577247

Ion Ratio Lower Upper

149 100

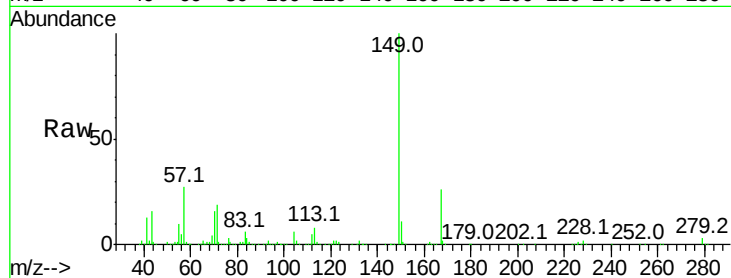
167 26.1 21.0 31.4

279 3.0 1.9 2.9#

Manual Integrations
APPROVED

mohammad

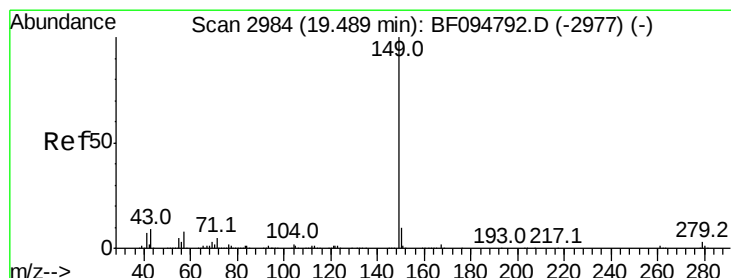
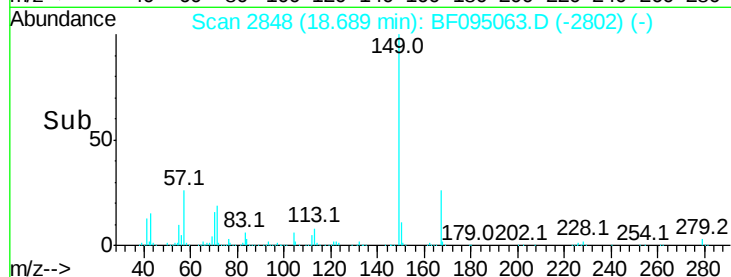
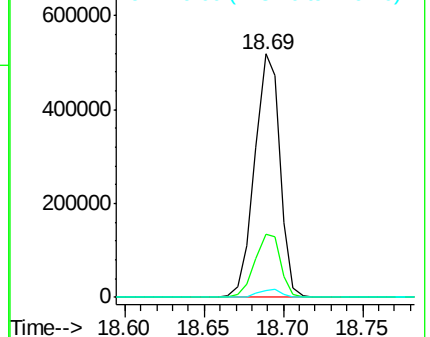
5/11/2017 2:25:27 PM



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 47.20 ng

RT: 19.46 min Scan# 2979

Delta R.T. -0.03 min

Lab File: BF095063.D

Acq: 10 May 2017 19:02

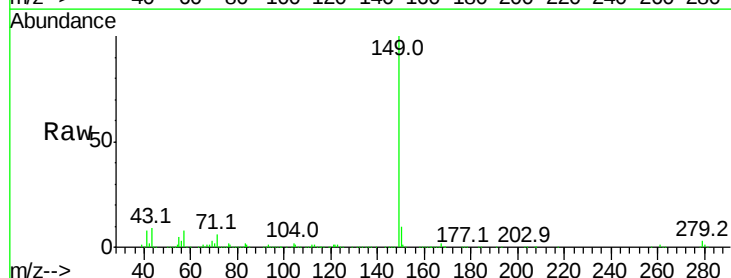
Tgt Ion:149 Resp: 875688

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

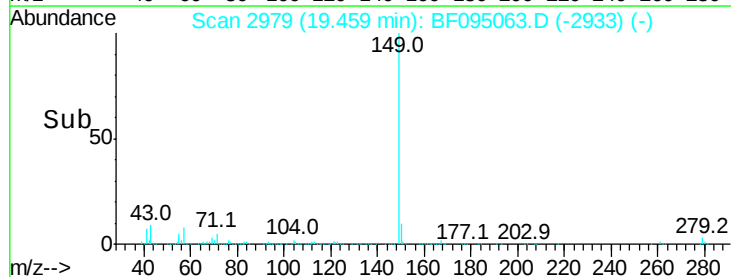
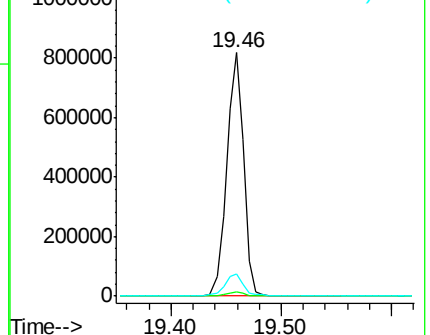
43 9.1 8.5 12.7

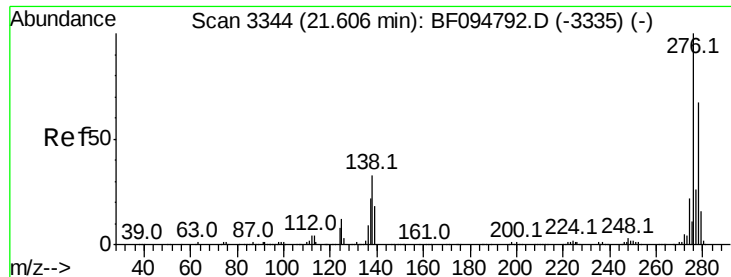


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0





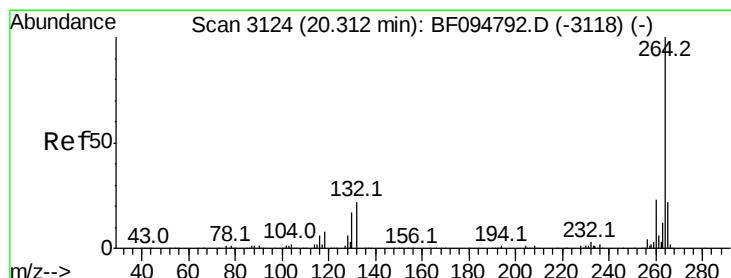
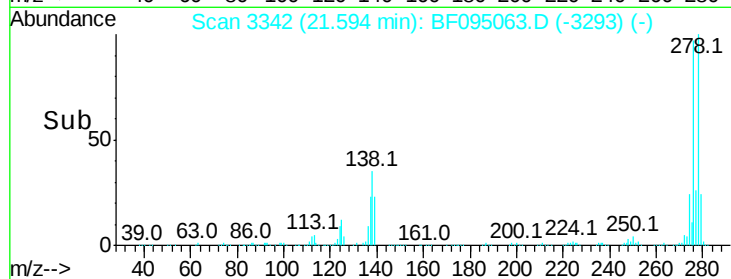
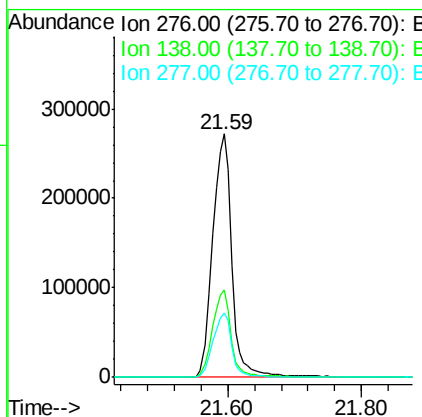
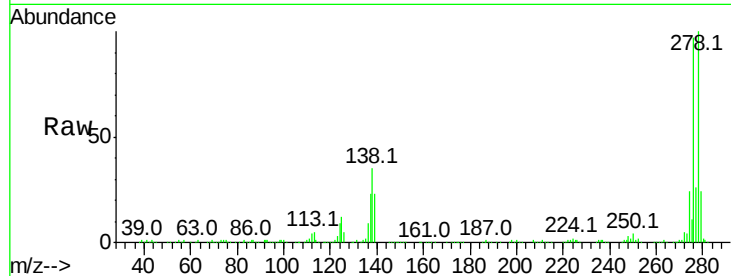
#85
Indeno(1,2,3-cd)pyrene
Concen: 52.92 ng
RT: 21.59 min Scan# 3342
Delta R.T. -0.01 min
Lab File: BF095063.D
Acq: 10 May 2017 19:02

Instrument :
BNA_F
ClientSampleId :
HY-SB423BMS

Tot Ion	Ratio	Resp	Lower	Upper
276	100	552176		
138	35.0		27.8	41.6
277	25.9		20.2	30.4

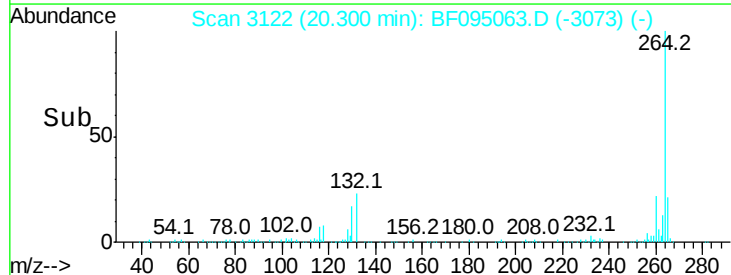
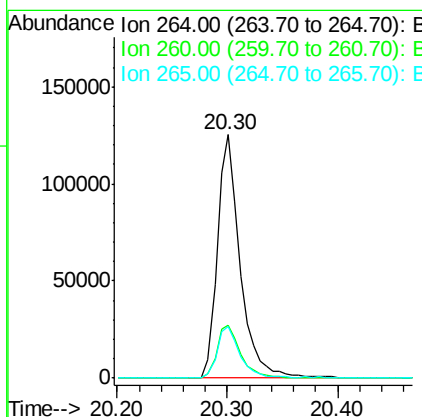
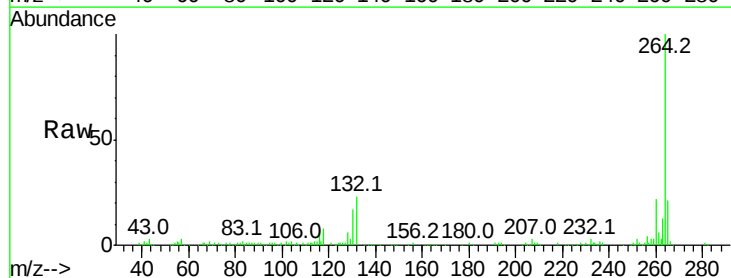
Manual Integrations
APPROVED

mohammad
5/11/2017 2:25:27 PM



#86
Perylene-d12
Concen: 20.00 ng
RT: 20.30 min Scan# 3122
Delta R.T. -0.01 min
Lab File: BF095063.D
Acq: 10 May 2017 19:02

Tgt Ion	Ratio	Resp	Lower	Upper
264	100	179524		
260	21.8		19.5	29.3
265	21.4		17.2	25.8





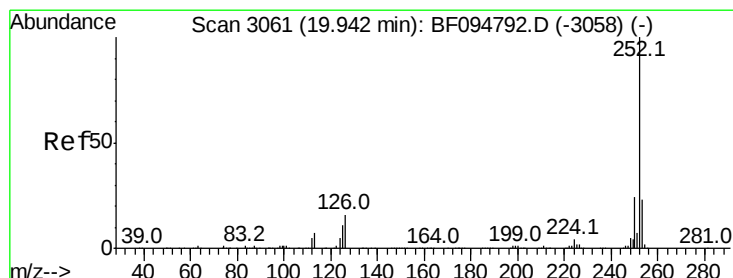
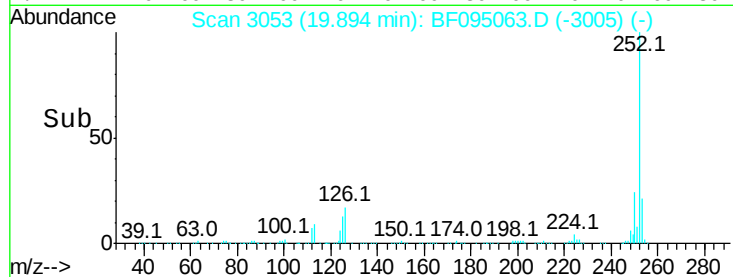
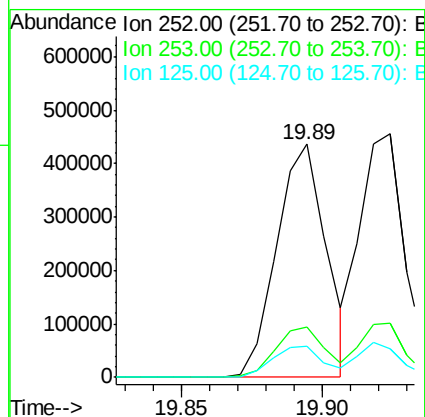
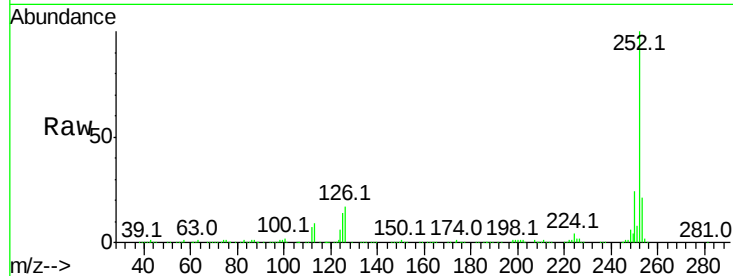
#87
Benzo(b)fluoranthene
Concen: 47.79 ng
RT: 19.89 min Scan# 3053
Delta R.T. -0.02 min
Lab File: BF095063.D
Acq: 10 May 2017 19:02

Instrument :
BNA_F
ClientSampleId :
HY-SB423BMS

Tot Ion	Ratio	Resp Lower	Upper
252	100		
253	21.4	18.1	27.1
125	13.6	9.8	14.8

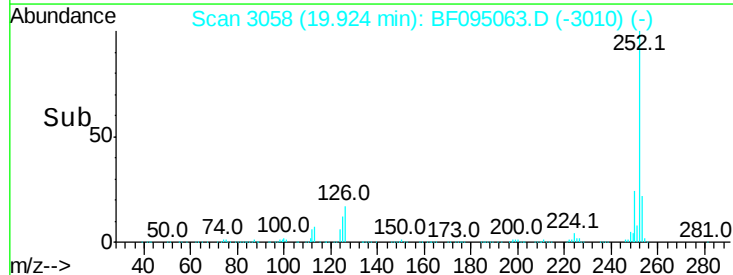
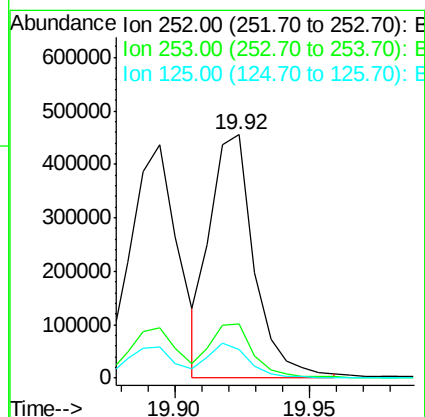
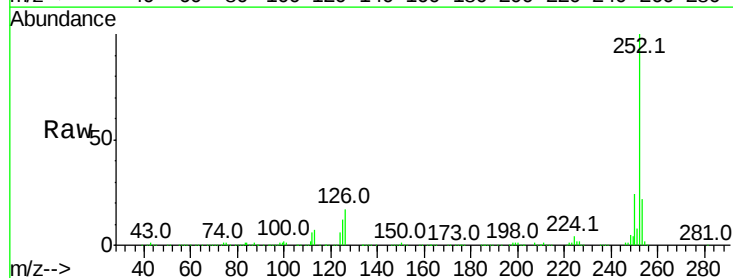
Manual Integrations
APPROVED

mohammad
5/11/2017 2:25:27 PM



#88
Benzo(k)fluoranthene
Concen: 48.88 ng m
RT: 19.92 min Scan# 3058
Delta R.T. -0.02 min
Lab File: BF095063.D
Acq: 10 May 2017 19:02

Tgt Ion	Ratio	Resp Lower	Upper
252	100		
253	22.3	18.4	27.6
125	11.8	13.1	19.7#





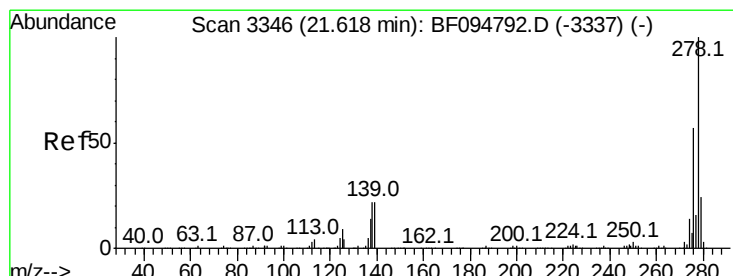
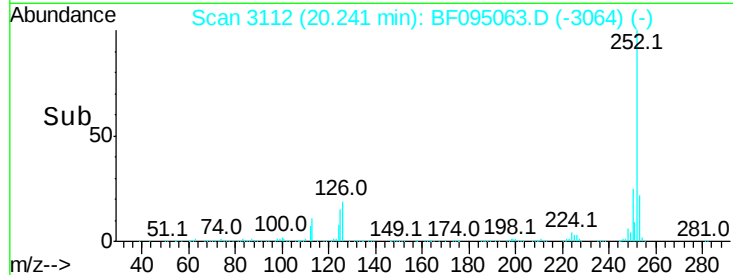
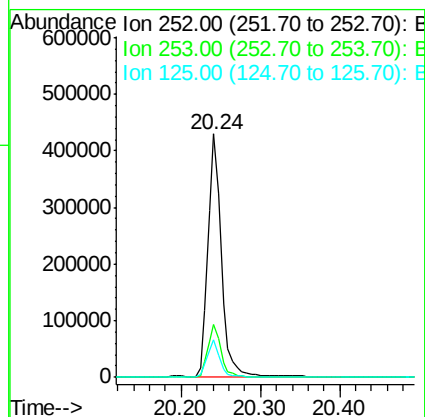
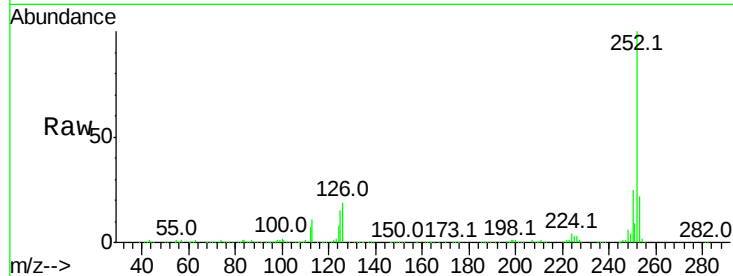
#89
Benzo(a)pyrene
Concen: 50.25 ng
RT: 20.24 min Scan# 3112
Delta R.T. -0.02 min
Lab File: BF095063.D
Acq: 10 May 2017 19:02

Instrument :
BNA_F
ClientSampleId :
HY-SB423BMS

Tot Ion:	252	Resp:	514393
Ion Ratio	Lower	Upper	
252	100		
253	22.0	17.5	26.3
125	15.2	11.0	16.4

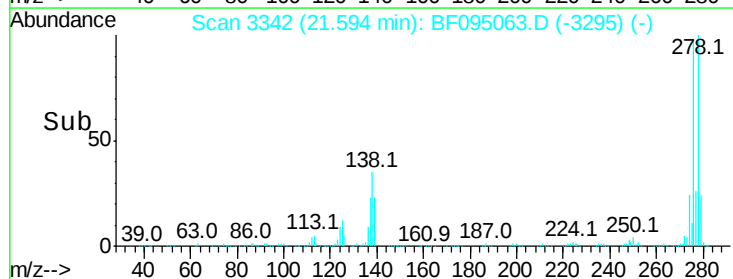
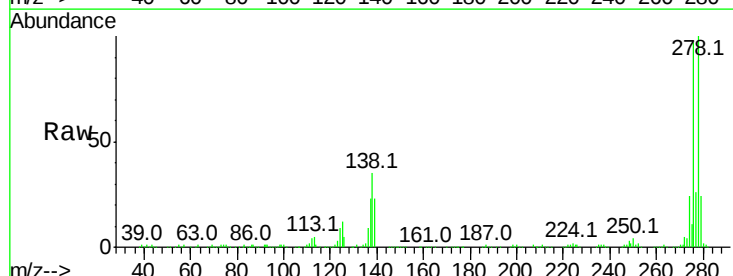
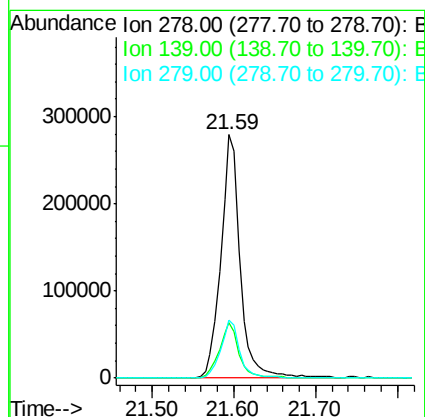
Manual Integrations
APPROVED

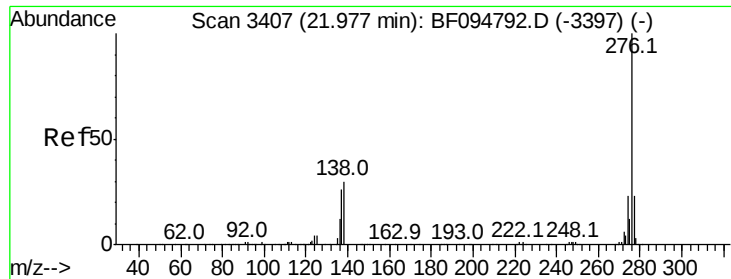
mohammad
5/11/2017 2:25:27 PM



#90
Dibenzo(a,h)anthracene
Concen: 54.61 ng
RT: 21.59 min Scan# 3342
Delta R.T. -0.02 min
Lab File: BF095063.D
Acq: 10 May 2017 19:02

Tgt Ion:	278	Resp:	461639
Ion Ratio	Lower	Upper	
278	100		
139	22.8	16.6	24.8
279	23.9	19.3	28.9





#91
 Benzo(a,h,i)perylene
 Concen: 60.75 ng
 RT: 21.96 min Scan# 3405
 Delta R.T. -0.01 min
 Lab File: BF095063.D
 Acq: 10 May 2017 19:02

Instrument :
 BNA_F
 ClientSampleId :
 HY-SB423BMS

Tot Ion	Ratio	Resp Lower	Upper
276	100		
277	22.8	18.6	28.0
138	29.3	25.4	38.0

Manual Integrations
 APPROVED

mohammad
 5/11/2017 2:25:27 PM

