

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051917\
 Data File : BF095288.D
 Acq On : 20 May 2017 6:12
 Operator : SJ/MA
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Manual Integrations
 APPROVED

mohammad
 5/22/2017 1:30:17 PM

Quant Time: May 20 07:14:47 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 18 17:07:53 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.76	152	110341	20.00	ng	0.00
21) Naphthalene-d8	9.78	136	430350	20.00	ng	0.00
38) Acenaphthene-d10	12.61	164	172171	20.00	ng	0.00
63) Phenanthrene-d10	15.02	188	246877	20.00	ng	0.00
75) Chrysene-d12	18.69	240	232048	20.00	ng	0.00
86) Perylene-d12	20.36	264	174751	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.72	112	555177	83.89	ng	-0.02
7) Phenol-d6	7.31	99	671478	84.56	ng	0.00
23) Nitrobenzene-d5	8.67	82	572813	83.93	ng	0.00
41) 2,4,6-Tribromophenol	13.91	330	103249	73.22	ng	0.00
44) 2-Fluorobiphenyl	11.55	172	1067722	89.26	ng	0.00
78) Terphenyl-d14	17.34	244	723820	68.70	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.19	88	114146	35.17	ng	93
3) Pyridine	2.88	79	271904	36.14	ng	97
4) n-Nitrosodimethylamine	2.81	42	100932m	32.19	ng	
6) Aniline	7.27	93	442548	44.14	ng	95
8) 2-Chlorophenol	7.45	128	322047	42.75	ng	96
9) Benzaldehyde	7.08	77	187923	38.76	ng	99
10) Phenol	7.32	94	317460	37.94	ng	88
11) bis(2-Chloroethyl)ether	7.40	93	282830	40.94	ng	96
12) 1,3-Dichlorobenzene	7.67	146	342864	40.12	ng	98
13) 1,4-Dichlorobenzene	7.79	146	350213	40.41	ng	98
14) 1,2-Dichlorobenzene	8.02	146	337828	41.76	ng	96
15) Benzyl Alcohol	8.05	79	214354	41.97	ng	95
16) 2,2'-oxybis(1-Chloropropan	8.25	45	386419	39.52	ng	53
17) 2-Methylphenol	8.25	107	254039	41.21	ng	94
18) Hexachloroethane	8.54	117	107386	36.58	ng	# 87
19) n-Nitroso-di-n-propylamine	8.47	70	216397	40.29	ng	94
20) 3+4-Methylphenols	8.52	107	336408	40.16	ng	# 60
22) Acetophenone	8.44	105	423334	41.00	ng	# 83
24) Nitrobenzene	8.70	77	294300	41.14	ng	94
25) Isophorone	9.10	82	522330	42.86	ng	# 94
26) 2-Nitrophenol	9.20	139	156768	40.61	ng	97
27) 2,4-Dimethylphenol	9.34	122	263223	42.18	ng	97
28) bis(2-Chloroethoxy)methane	9.46	93	357495	42.41	ng	100
29) 2,4-Dichlorophenol	9.62	162	248626	42.19	ng	99
30) 1,2,4-Trichlorobenzene	9.71	180	256064	40.56	ng	99
31) Naphthalene	9.81	128	870525	40.25	ng	100
32) Benzoic acid	9.65	122	124731m	32.30	ng	
33) 4-Chloroaniline	9.95	127	346669	43.01	ng	# 94
34) Hexachlorobutadiene	10.03	225	126450	37.96	ng	99
35) Caprolactam	10.59	113	65250m	36.88	ng	
36) 4-Chloro-3-methylphenol	10.81	107	253270	40.20	ng	89
37) 2-Methylnaphthalene	10.94	142	570460	40.19	ng	97
39) 1,2,4,5-Tetrachlorobenzene	11.22	216	233694	44.14	ng	97
40) Hexachlorocyclopentadiene	11.19	237	11144	10.68	ng	95

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051917\
 Data File : BF095288.D
 Acq On : 20 May 2017 6:12
 Operator : SJ/MA
 Sample : SSTDC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleID :
 SSTDC040

Manual Integrations
 APPROVED

mohammad
 5/22/2017 1:30:17 PM

Quant Time: May 20 07:14:47 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 18 17:07:53 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	11.44	196	161952	45.81	ng	99
43) 2,4,5-Trichlorophenol	11.54	196	154127	40.56	ng	94
45) 1,1'-Biphenyl	11.71	154	654009	45.12	ng	99
46) 2-Chloronaphthalene	11.72	162	492882	42.11	ng	97
47) 2-Nitroaniline	11.94	65	139373	43.50	ng	# 78
48) Acenaphthylene	12.38	152	760682	41.49	ng	99
49) Dimethylphthalate	12.25	163	596790	42.22	ng	99
50) 2,6-Dinitrotoluene	12.35	165	121644	42.19	ng	94
51) Acenaphthene	12.67	154	436832	39.89	ng	100
52) 3-Nitroaniline	12.62	138	132016	42.66	ng	89
53) 2,4-Dinitrophenol	12.89	184	7676	10.70	ng	# 62
54) Dibenzofuran	12.95	168	621831	41.04	ng	98
55) 4-Nitrophenol	13.05	139	54527	29.33	ng	# 74
56) 2,4-Dinitrotoluene	13.02	165	140262	37.85	ng	94
57) Fluorene	13.51	166	507024	38.48	ng	97
58) 2,3,4,6-Tetrachlorophenol	13.20	232	92611	38.73	ng	# 96
59) Diethylphthalate	13.40	149	578471	42.70	ng	99
60) 4-Chlorophenyl-phenylether	13.53	204	239676	41.39	ng	90
61) 4-Nitroaniline	13.62	138	98402	34.63	ng	97
62) Azobenzene	13.79	77	422807	38.84	ng	93
64) 4,6-Dinitro-2-methylphenol	13.70	198	21026	12.70	ng	# 67
65) n-Nitrosodiphenylamine	13.74	169	430194	48.01	ng	99
66) 4-Bromophenyl-phenylether	14.32	248	127822	49.01	ng	98
67) Hexachlorobenzene	14.41	284	115701	43.28	ng	# 88
68) Atrazine	14.66	200	111986	44.27	ng	94
69) Pentachlorophenol	14.77	266	66955	57.20	ng	95
70) Phenanthrene	15.05	178	581262	40.98	ng	98
71) Anthracene	15.14	178	590935	40.78	ng	99
72) Carbazole	15.42	167	530974	40.28	ng	97
73) Di-n-butylphthalate	15.98	149	791520	48.14	ng	98
74) Fluoranthene	16.79	202	590219	40.56	ng	98
76) Benzidine	17.02	184	661147	97.48	ng	# 94
77) Pyrene	17.10	202	603952	34.80	ng	98
79) Butylbenzylphthalate	17.99	149	287335	35.60	ng	# 86
80) Benzo(a)anthracene	18.68	228	524954	38.87	ng	98
81) 3,3'-Dichlorobenzidine	18.65	252	189426	40.61	ng	# 96
82) Chrysene	18.72	228	523492	40.09	ng	99
83) Bis(2-ethylhexyl)phthalate	18.74	149	392350	34.11	ng	# 96
84) Di-n-octyl phthalate	19.51	149	723717	38.38	ng	95
85) Indeno(1,2,3-cd)pyrene	21.69	276	370861	34.97	ng	100
87) Benzo(b)fluoranthene	19.95	252	409085	37.88	ng	98
88) Benzo(k)fluoranthene	19.98	252	478917	45.98	ng	96
89) Benzo(a)pyrene	20.31	252	400894	40.23	ng	99
90) Dibenzo(a,h)anthracene	21.69	278	319750	38.86	ng	98
91) Benzo(g,h,i)perylene	22.08	276	313934	38.88	ng	97

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

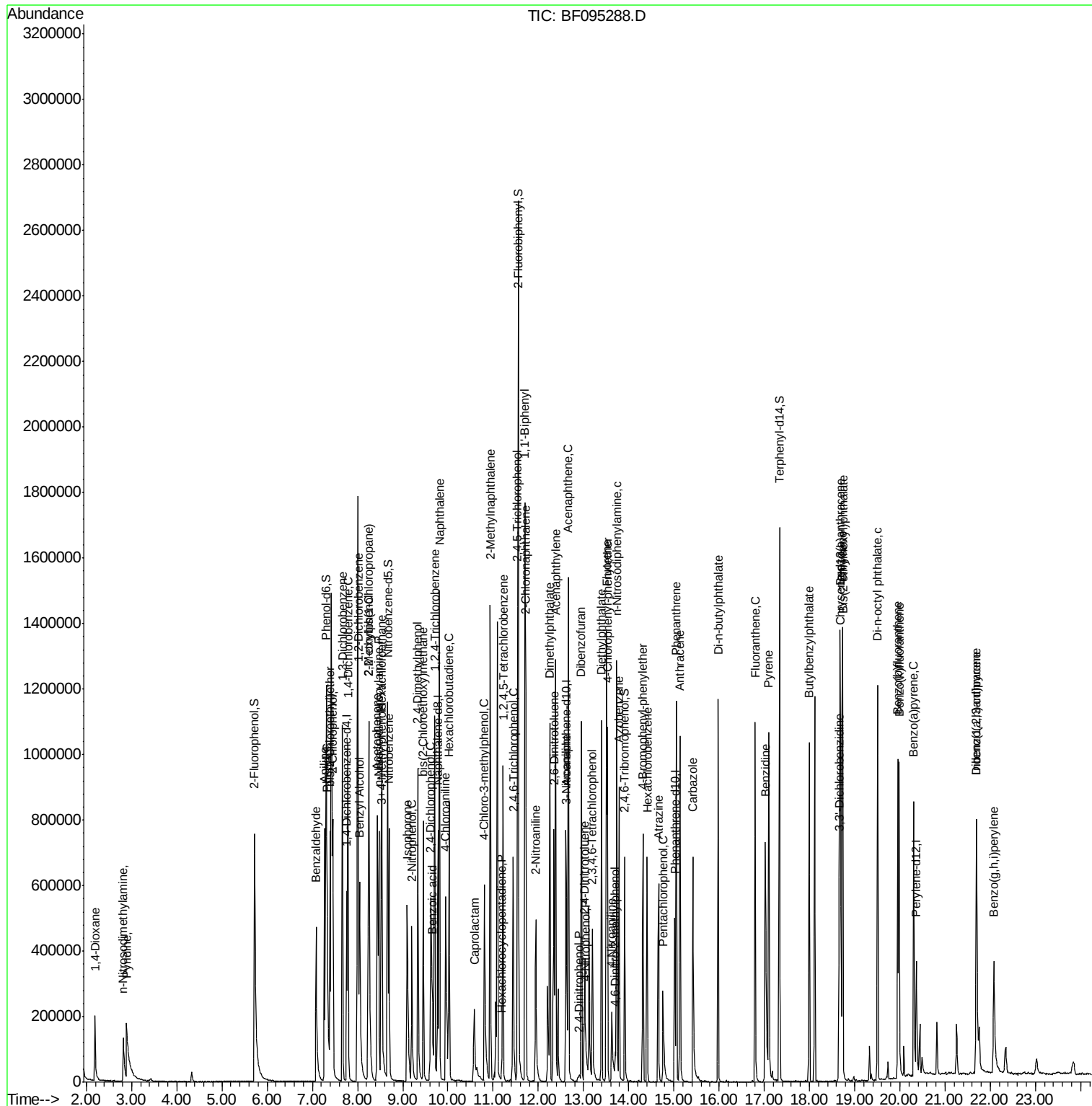
```
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051917\
Data File : BF095288.D
Acq On    : 20 May 2017    6:12
Operator  : SJ/MA
Sample    : SSTDCCC040
Misc      :
ALS Vial  : 2    Sample Multiplier: 1
```

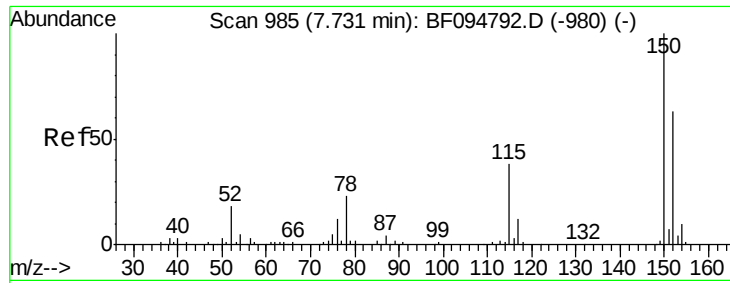
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED

mohammad
5/22/2017 1:30:17 PM

Quant Time: May 20 07:14:47 2017
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu May 18 17:07:53 2017
Response via : Initial Calibration





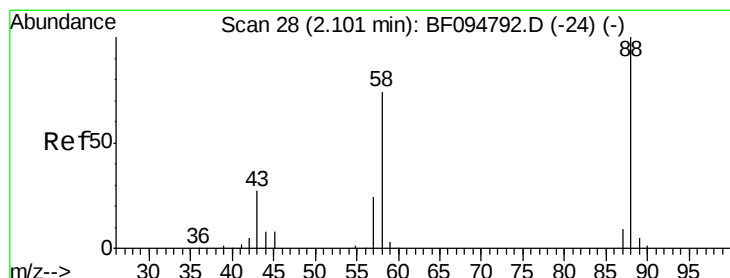
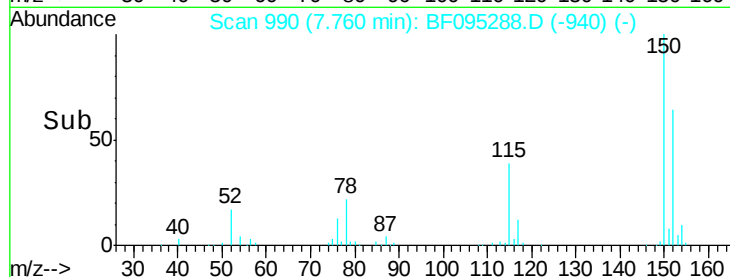
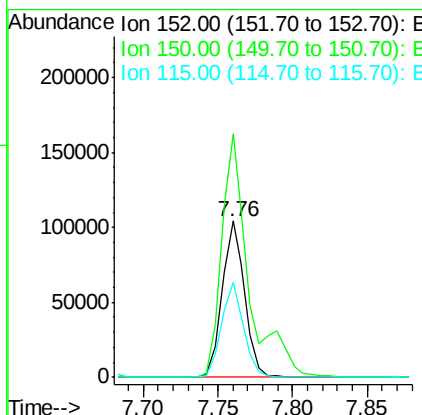
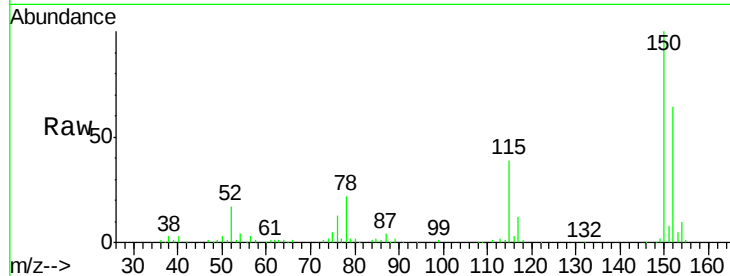
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 7.76 min Scan# 990
 Delta R.T. -0.01 min
 Lab File: BF095288.D
 Acq: 20 May 2017 6:12

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
152	100		
150	155.8	126.2	189.2
115	61.2	52.2	78.2

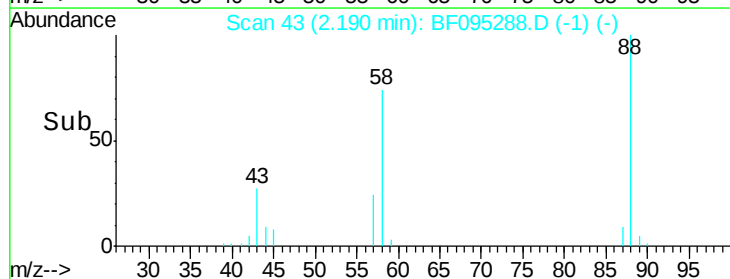
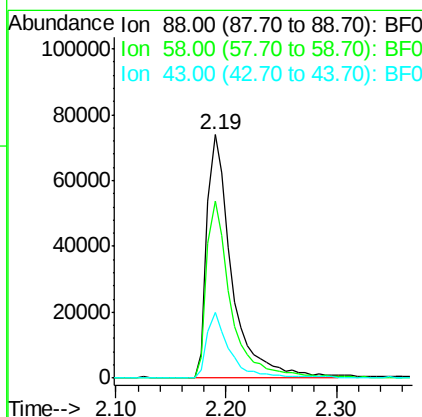
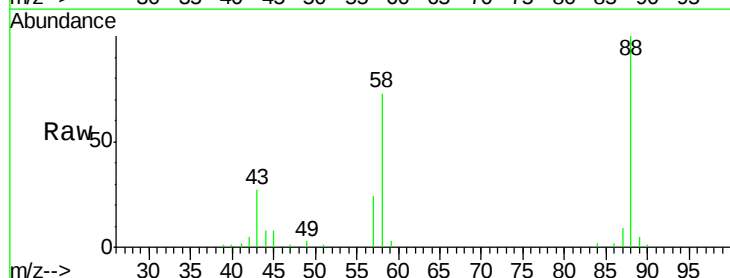
Manual Integrations
 APPROVED

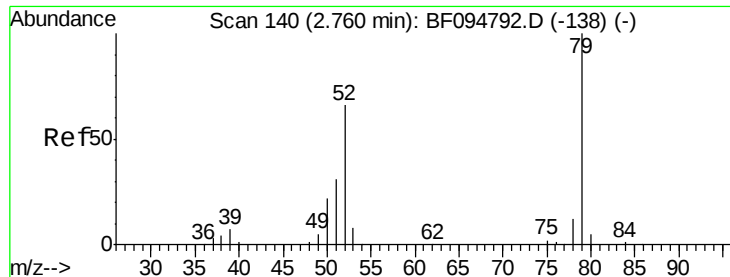
mohammad
 5/22/2017 1:30:17 PM



#2
 1,4-Dioxane
 Concen: 35.17 ng
 RT: 2.19 min Scan# 43
 Delta R.T. -0.04 min
 Lab File: BF095288.D
 Acq: 20 May 2017 6:12

Tgt Ion	Ratio	Lower	Upper
88	100		
58	71.3	61.4	92.0
43	25.3	23.4	35.0





#3

Pyridine

Concen: 36.14 ng

RT: 2.88 min Scan# 161

Delta R.T. -0.04 min

Lab File: BF095288.D

Acq: 20 May 2017 6:12

Instrument :

BNA_F

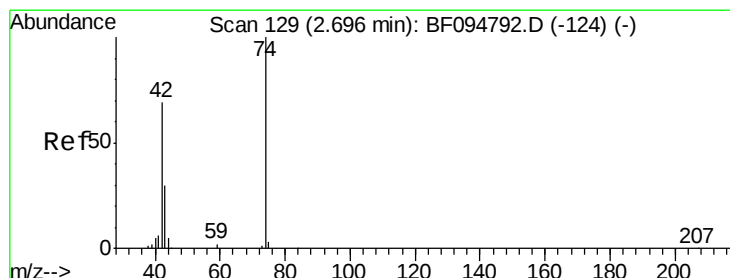
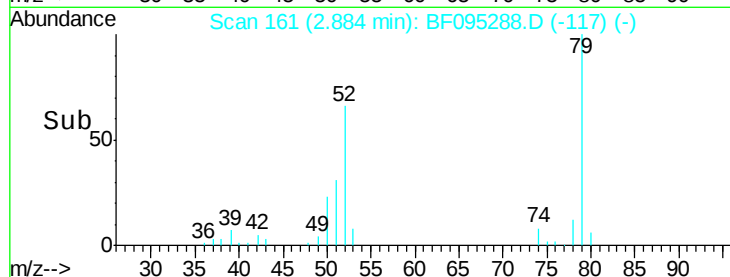
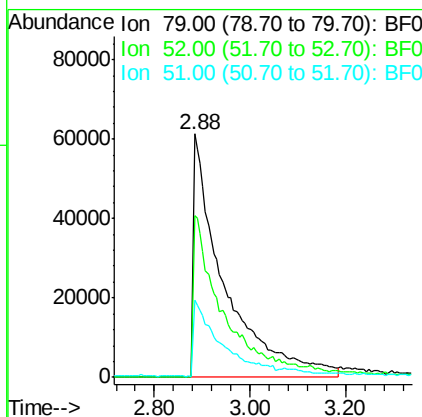
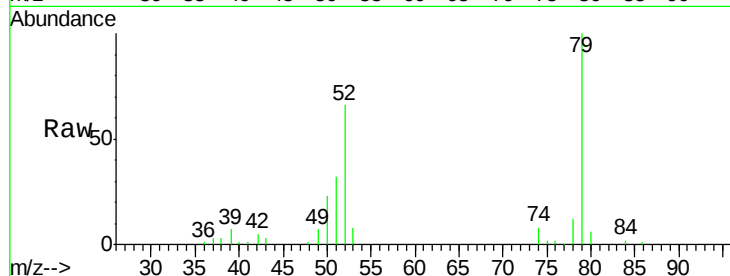
ClientSampleId :

SSTDCCC040

Tgt Ion:	79	Resp:	271904
Ion	Ratio	Lower	Upper
79	100		
52	66.2	54.8	82.2
51	31.8	27.0	40.4

Manual Integrations
APPROVED

mohammad
5/22/2017 1:30:17 PM



#4

n-Nitrosodimethylamine

Concen: 32.19 ng m

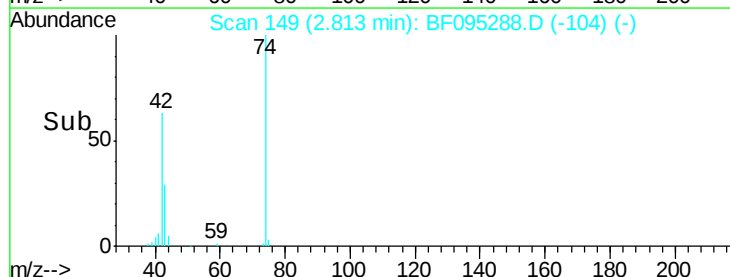
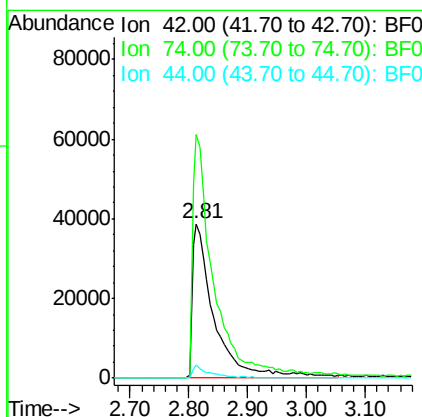
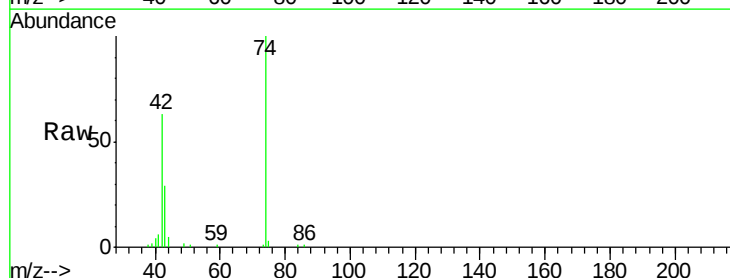
RT: 2.81 min Scan# 149

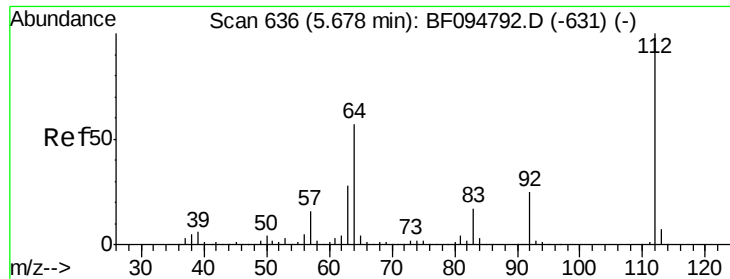
Delta R.T. -0.04 min

Lab File: BF095288.D

Acq: 20 May 2017 6:12

Tgt Ion:	42	Resp:	100932
Ion	Ratio	Lower	Upper
42	100		
74	157.9	103.9	155.9#
44	8.4	5.7	8.5





#5

2-Fluorophenol

Concen: 83.89 ng

RT: 5.72 min Scan# 643

Delta R.T. -0.02 min

Lab File: BF095288.D

Acq: 20 May 2017 6:12

Instrument :

BNA_F

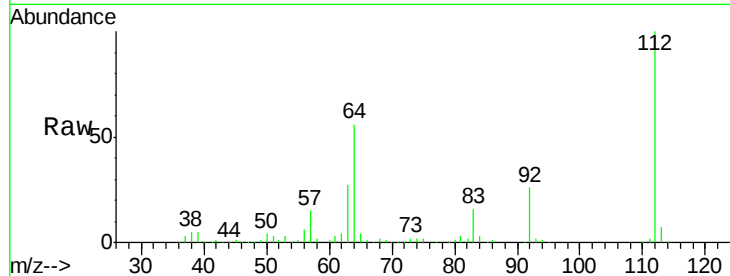
ClientSampleId :

SSTDCCC040

Tgt Ion:	112	Resp:	555177
Ion Ratio	Lower	Upper	
112	100		
64	55.6	46.0	69.0
63	26.7	23.4	35.0

Manual Integrations
APPROVED

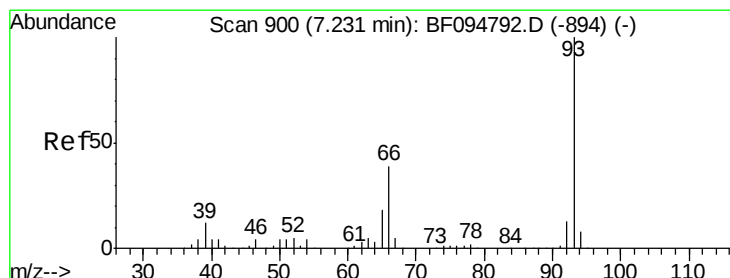
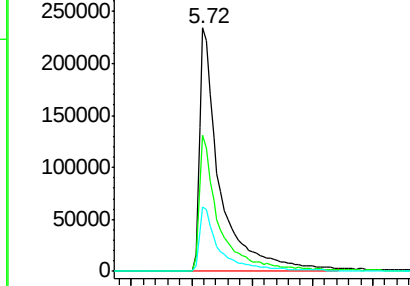
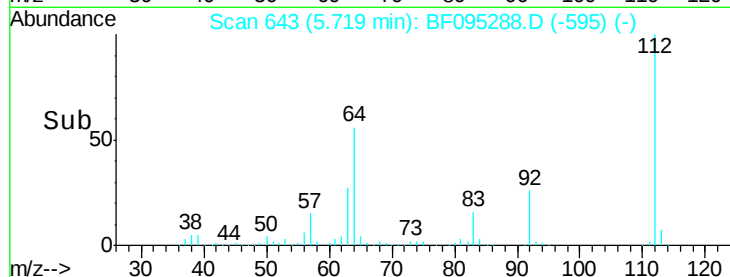
mohammad
5/22/2017 1:30:17 PM



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 44.14 ng

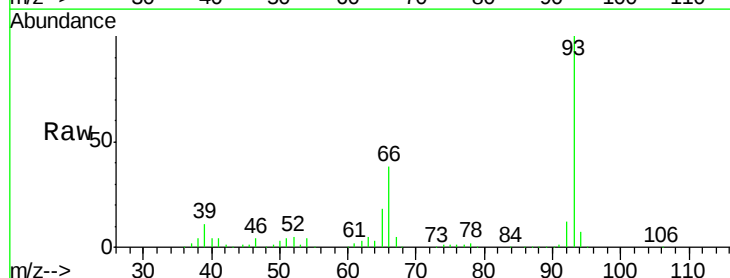
RT: 7.27 min Scan# 906

Delta R.T. -0.01 min

Lab File: BF095288.D

Acq: 20 May 2017 6:12

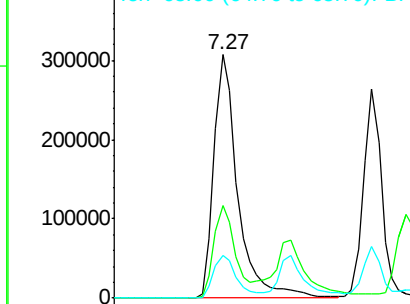
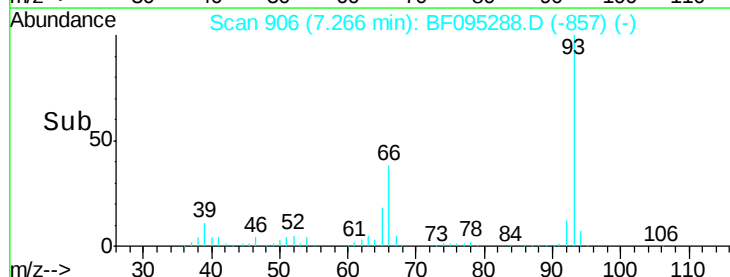
Tgt Ion:	93	Resp:	442548
Ion Ratio	Lower	Upper	
93	100		
66	37.9	32.9	49.3
65	17.8	16.0	24.0

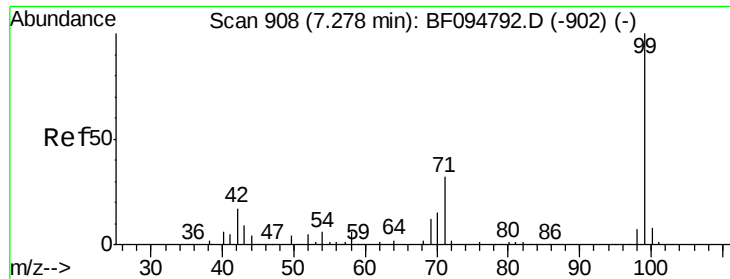


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 84.56 ng

RT: 7.31 min Scan# 913

Delta R.T. -0.01 min

Lab File: BF095288.D

Acq: 20 May 2017 6:12

Instrument :

BNA_F

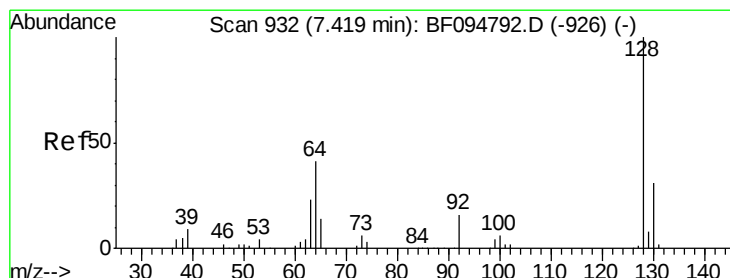
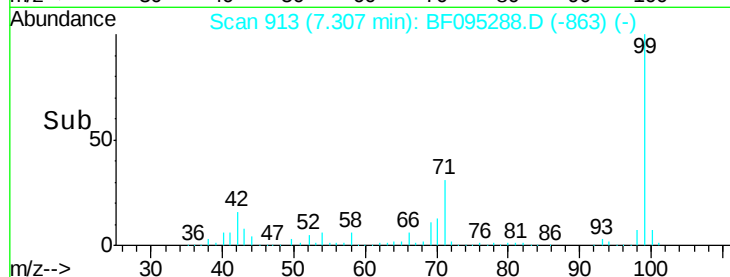
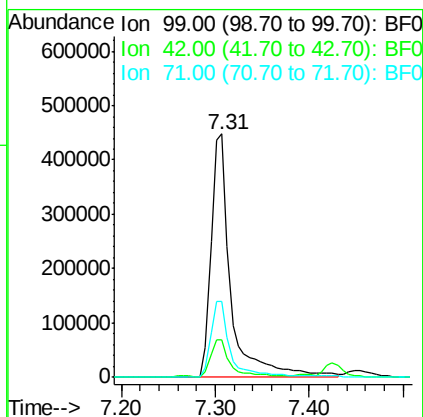
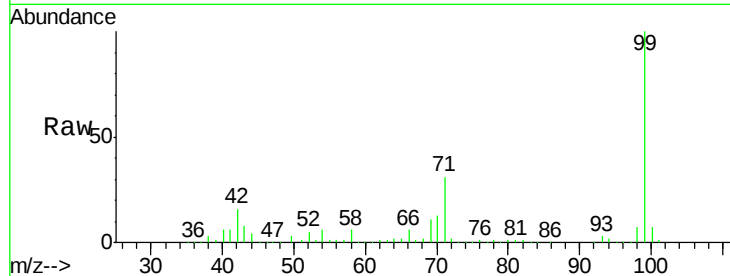
ClientSampleId :

SSTDCCC040

Tgt Ion:	99	Resp:	671478
Ion Ratio	Lower	Upper	
99	100		
42	15.5	13.5	20.3
71	31.1	24.5	36.7

Manual Integrations
APPROVED

mohammad
5/22/2017 1:30:17 PM



#8

2-Chlorophenol

Concen: 42.75 ng

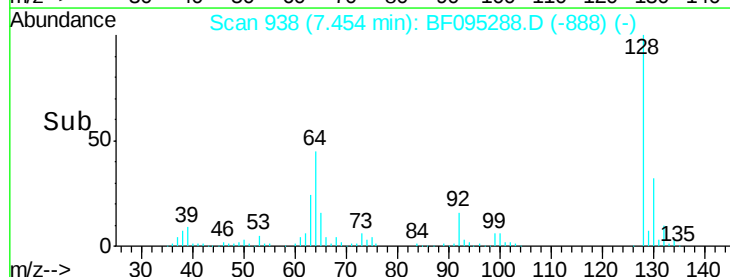
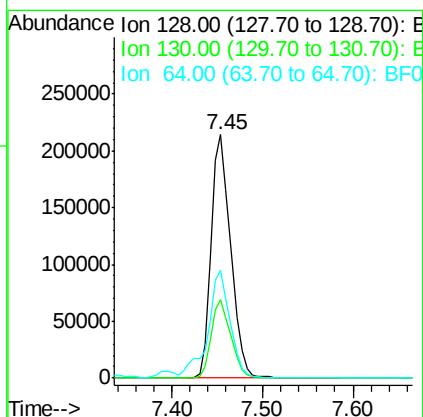
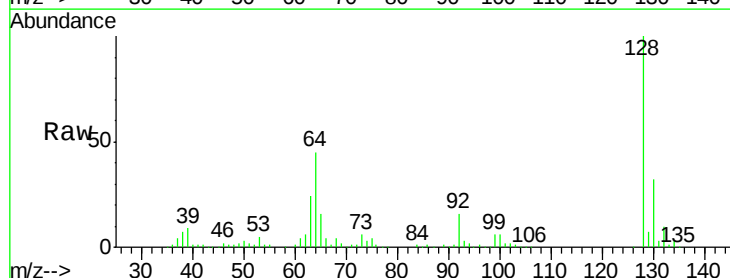
RT: 7.45 min Scan# 938

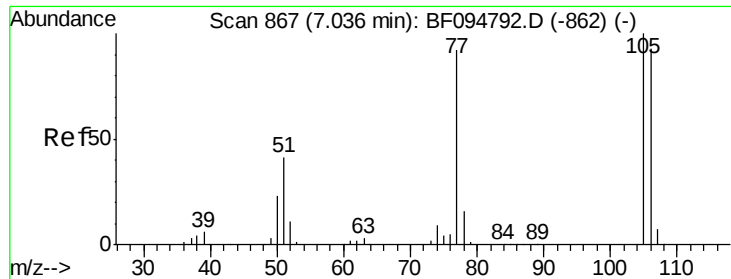
Delta R.T. -0.01 min

Lab File: BF095288.D

Acq: 20 May 2017 6:12

Tgt Ion:	128	Resp:	322047
Ion Ratio	Lower	Upper	
128	100		
130	32.0	12.9	52.9
64	44.5	28.4	68.4





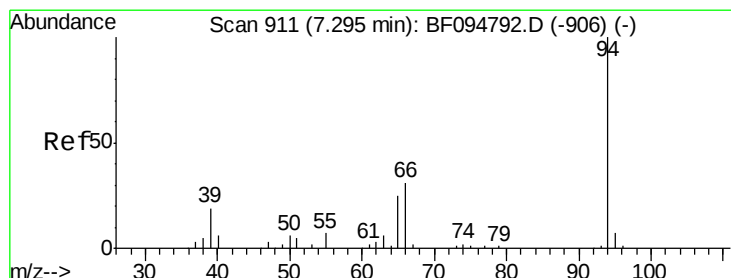
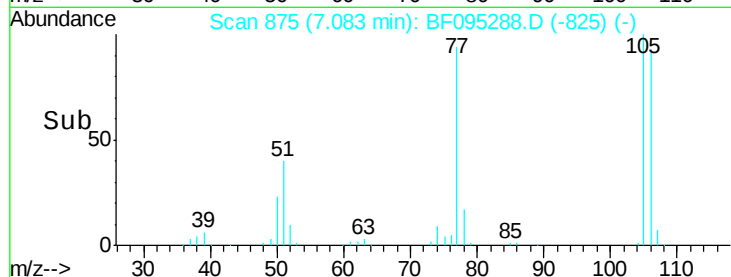
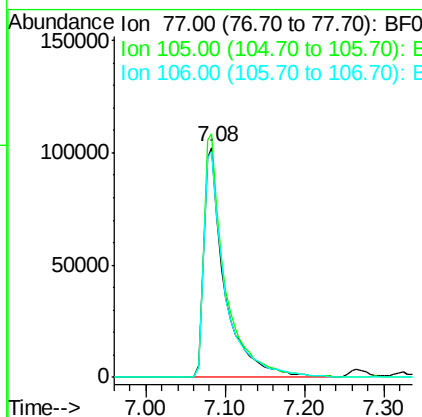
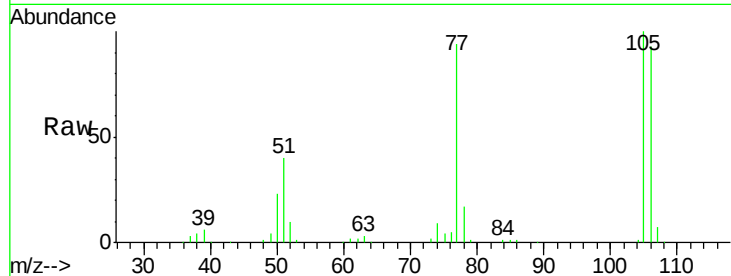
#9
Benzaldehyde
Concen: 38.76 ng
RT: 7.08 min Scan# 875
Delta R.T. -0.01 min
Lab File: BF095288.D
Acq: 20 May 2017 6:12

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion: 77 Resp: 187923
Ion Ratio Lower Upper
77 100
105 106.1 83.8 123.8
106 98.5 79.1 119.1

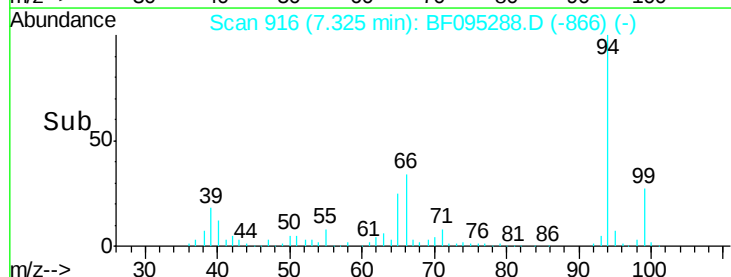
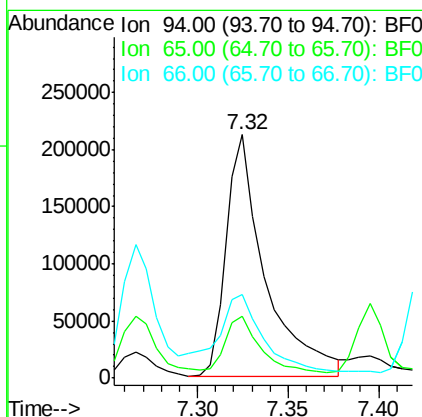
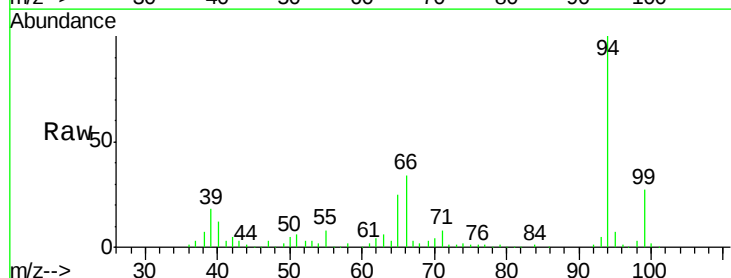
Manual Integrations
APPROVED

mohammad
5/22/2017 1:30:17 PM



#10
Phenol
Concen: 37.94 ng
RT: 7.32 min Scan# 916
Delta R.T. -0.01 min
Lab File: BF095288.D
Acq: 20 May 2017 6:12

Tgt Ion: 94 Resp: 317460
Ion Ratio Lower Upper
94 100
65 25.2 9.9 49.9
66 34.4 23.1 63.1





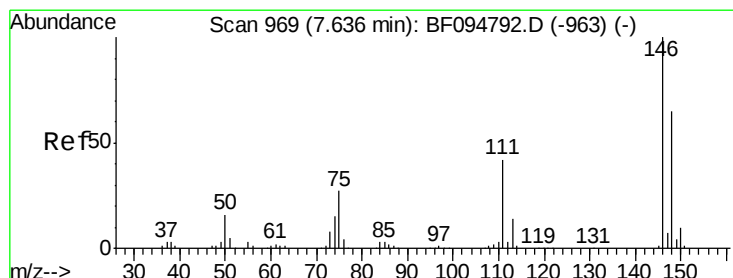
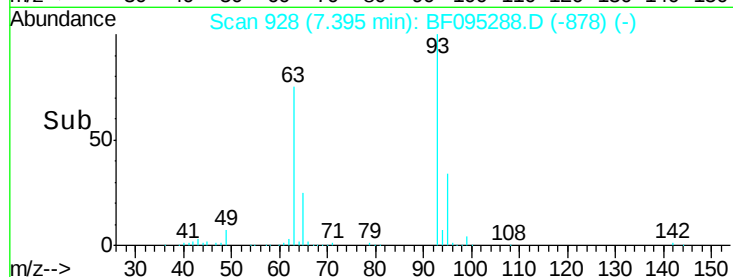
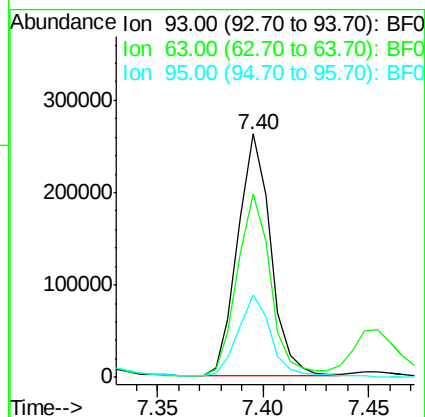
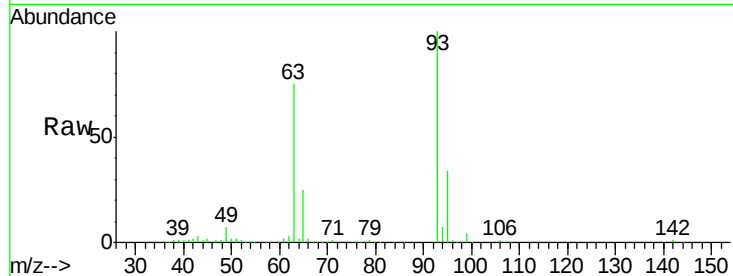
#11
bis(2-Chloroethyl)ether
Concen: 40.94 ng
RT: 7.40 min Scan# 928
Delta R.T. -0.01 min
Lab File: BF095288.D
Acq: 20 May 2017 6:12

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Resp Lower	Upper
93	100		
63	75.2	59.2	99.2
95	33.7	12.8	52.8

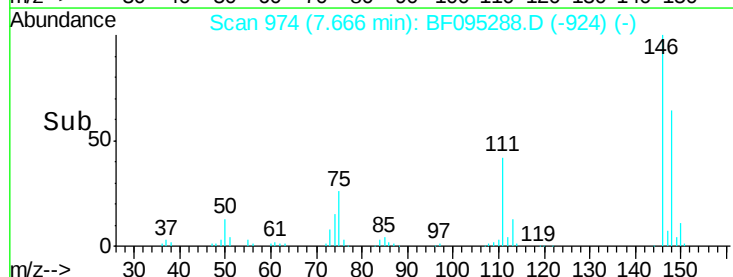
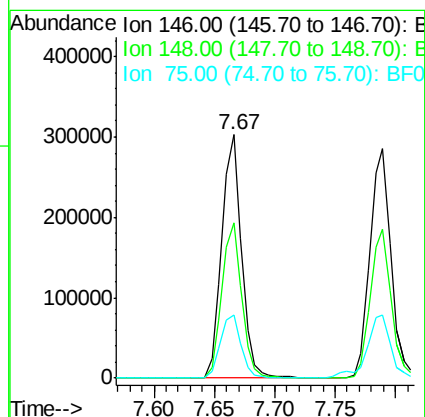
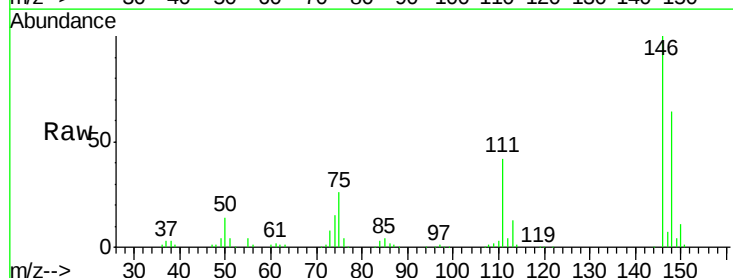
Manual Integrations
APPROVED

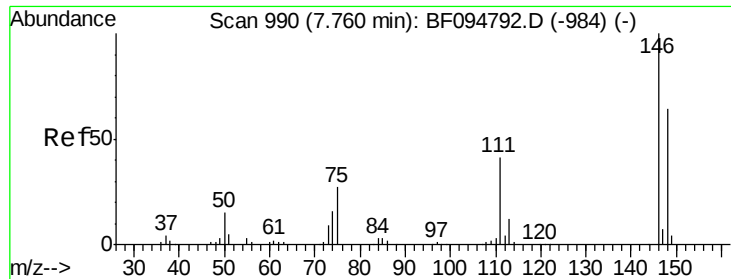
mohammad
5/22/2017 1:30:17 PM



#12
1,3-Dichlorobenzene
Concen: 40.12 ng
RT: 7.67 min Scan# 974
Delta R.T. -0.01 min
Lab File: BF095288.D
Acq: 20 May 2017 6:12

Tgt Ion	Ratio	Resp Lower	Upper
146	100		
148	64.0	51.8	77.6
75	25.9	23.1	34.7





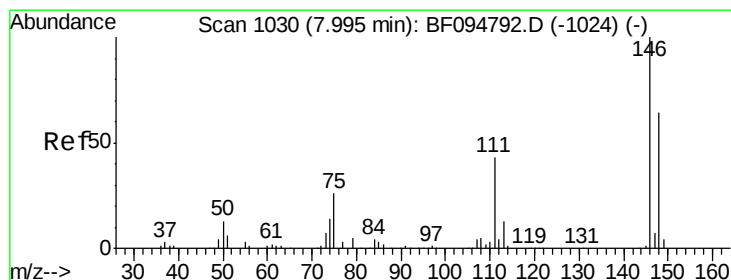
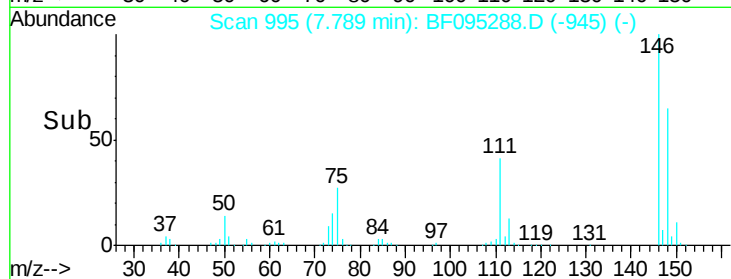
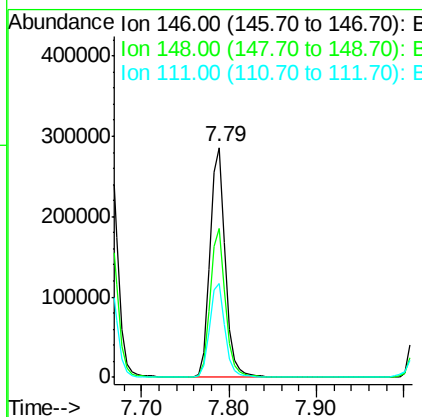
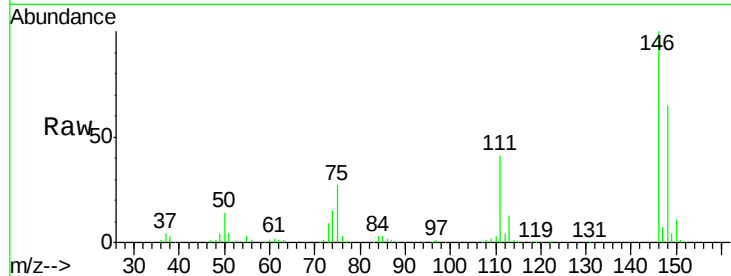
#13
 1,4-Dichlorobenzene
 Concen: 40.41 ng
 RT: 7.79 min Scan# 995
 Delta R.T. -0.01 min
 Lab File: BF095288.D
 Acq: 20 May 2017 6:12

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.9	52.2	78.2
111	40.9	30.3	45.5

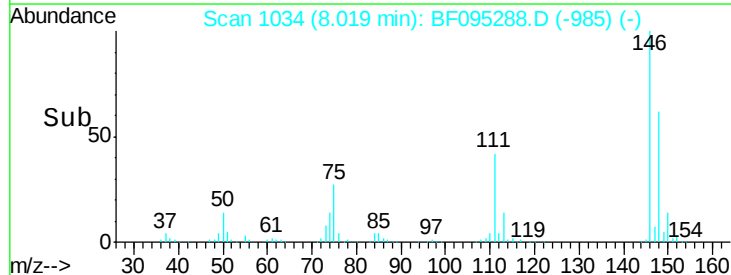
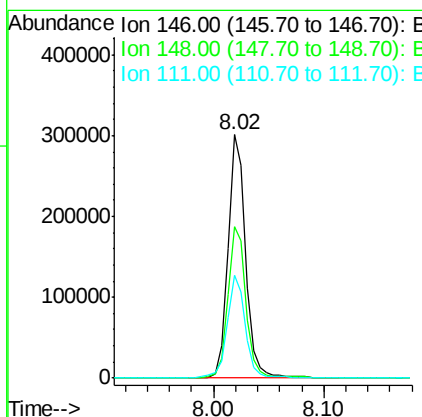
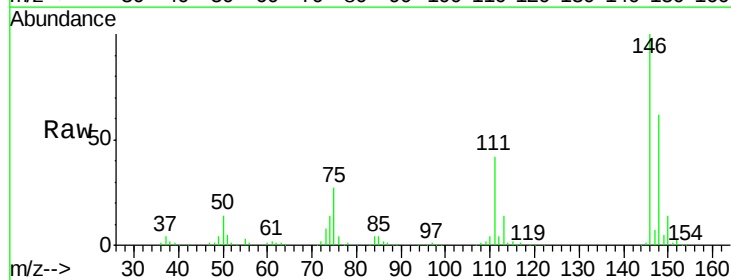
Manual Integrations
 APPROVED

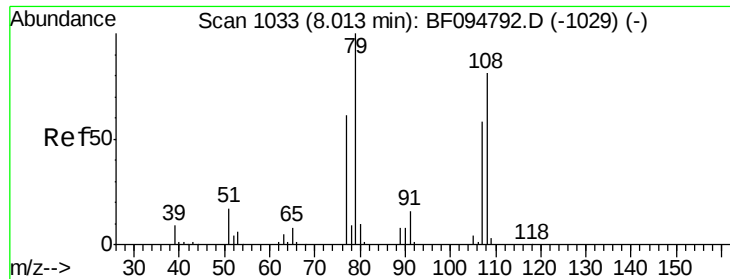
mohammad
 5/22/2017 1:30:17 PM



#14
 1,2-Dichlorobenzene
 Concen: 41.76 ng
 RT: 8.02 min Scan# 1034
 Delta R.T. -0.01 min
 Lab File: BF095288.D
 Acq: 20 May 2017 6:12

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.2	50.4	75.6
111	42.3	38.2	57.4





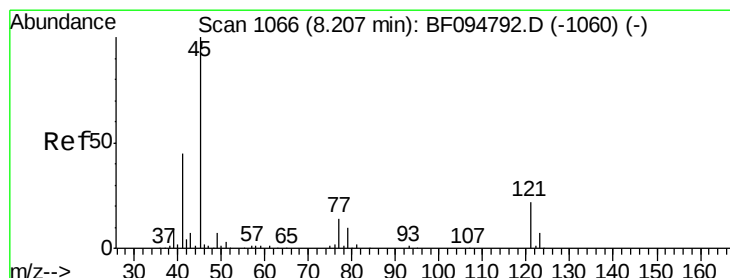
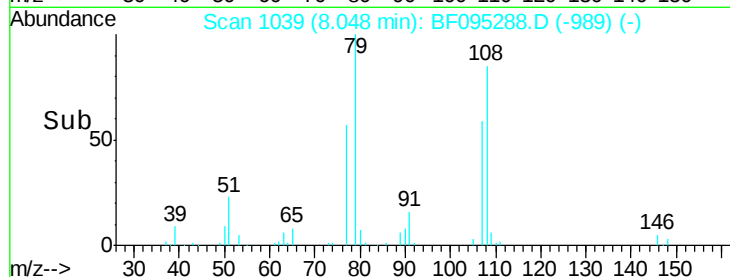
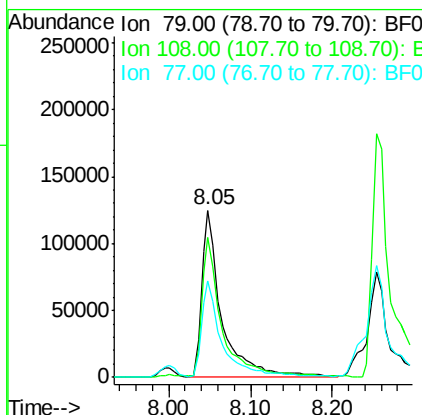
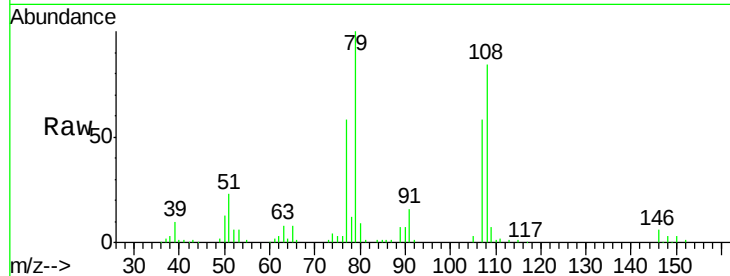
#15
Benzyl Alcohol
Concen: 41.97 ng
RT: 8.05 min Scan# 1039
Delta R.T. -0.01 min
Lab File: BF095288.D
Acq: 20 May 2017 6:12

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
79	100		
108	83.9	63.4	95.0
77	57.9	49.2	73.8

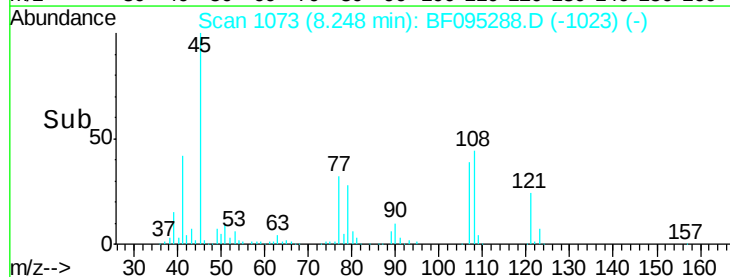
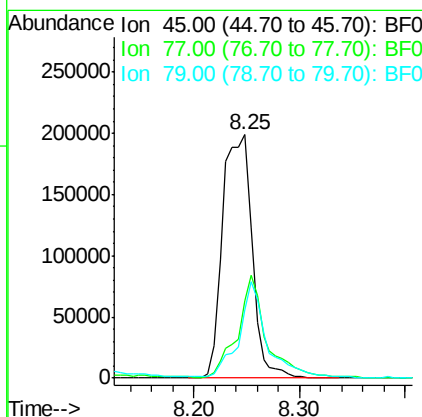
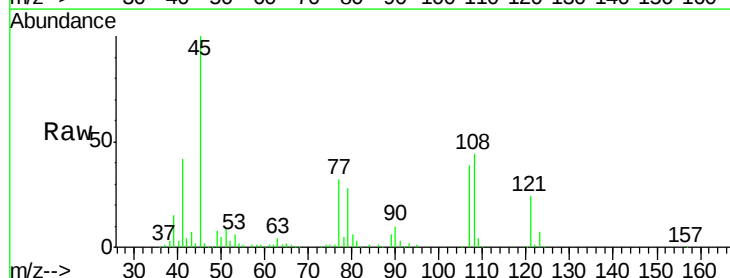
Manual Integrations
APPROVED

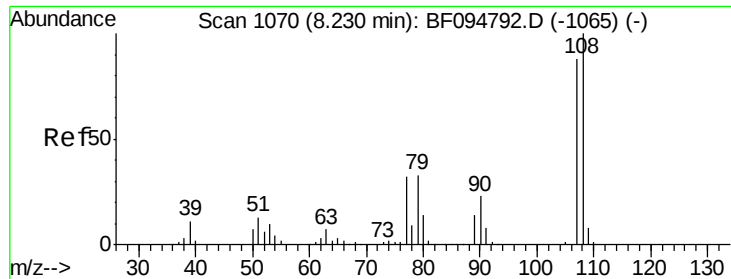
mohammad
5/22/2017 1:30:17 PM



#16
2,2'-oxybis(1-Chloropropane)
Concen: 39.52 ng
RT: 8.25 min Scan# 1073
Delta R.T. -0.01 min
Lab File: BF095288.D
Acq: 20 May 2017 6:12

Tgt Ion	Ratio	Lower	Upper
45	100		
77	31.8	0.0	33.2
79	27.9	0.0	30.0





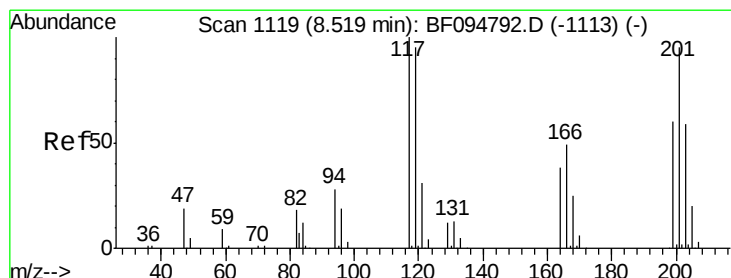
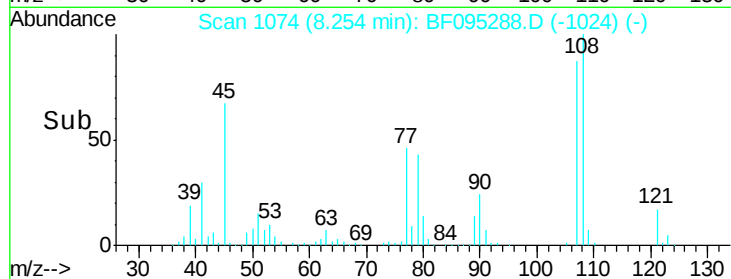
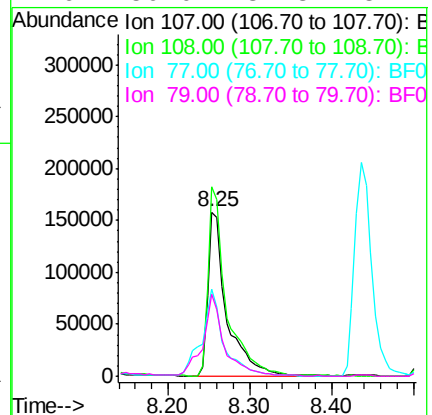
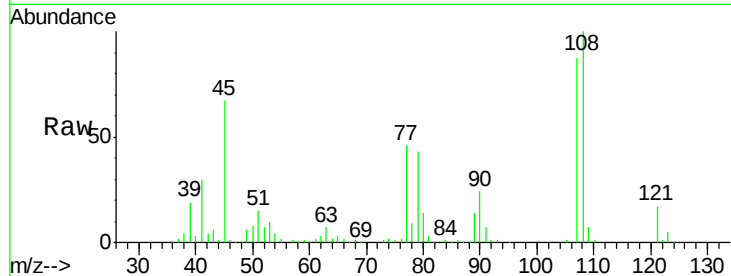
#17
2-Methylphenol
Concen: 41.21 ng
RT: 8.25 min Scan# 1074
Delta R.T. -0.01 min
Lab File: BF095288.D
Acq: 20 May 2017 6:12

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
107	100	254039		
108	115.2	93.4	140.0	
77	52.9	35.8	53.6	
79	50.0	34.8	52.2	

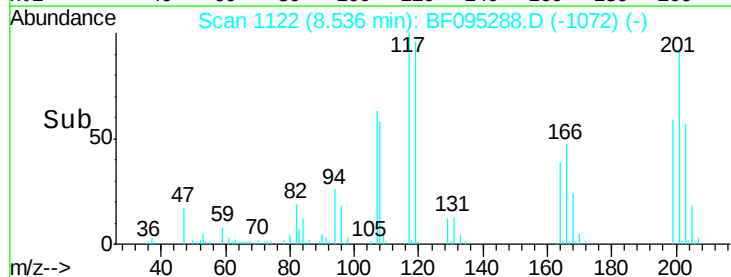
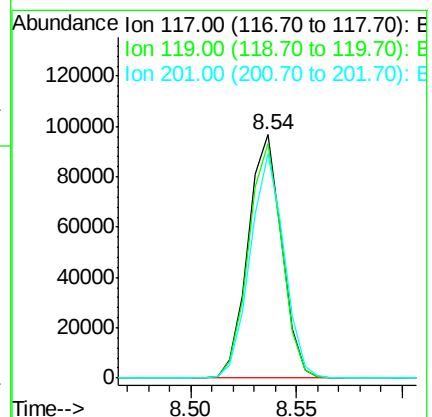
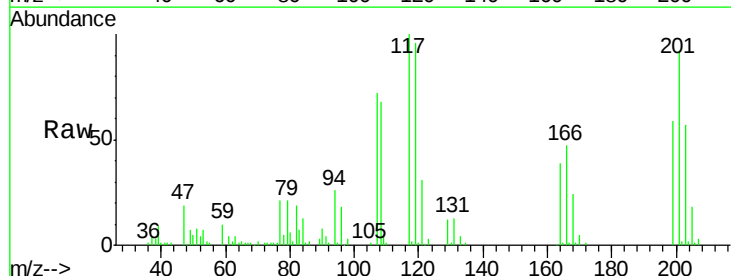
Manual Integrations
APPROVED

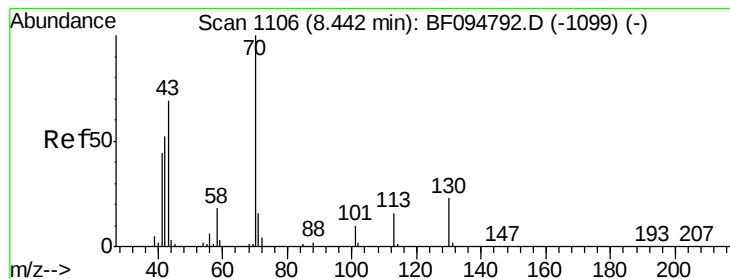
mohammad
5/22/2017 1:30:17 PM



#18
Hexachloroethane
Concen: 36.58 ng
RT: 8.54 min Scan# 1122
Delta R.T. -0.01 min
Lab File: BF095288.D
Acq: 20 May 2017 6:12

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	107386		
119	96.4	77.4	116.0	
201	92.2	94.6	141.8#	





#19

n-Nitroso-di-n-propylamine

Concen: 40.29 ng

RT: 8.47 min Scan# 1111

Delta R.T. -0.01 min

Lab File: BF095288.D

Acq: 20 May 2017 6:12

Instrument :

BNA_F

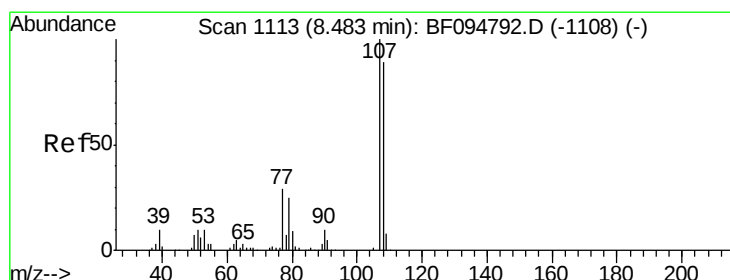
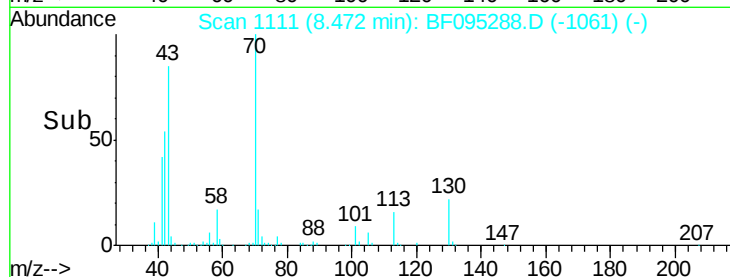
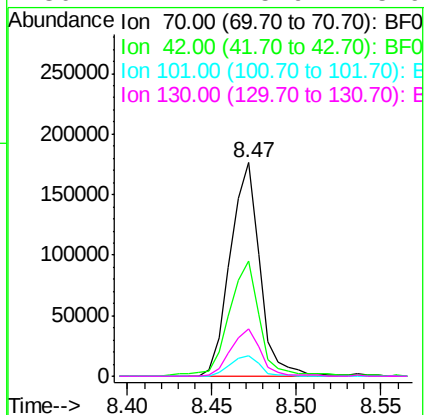
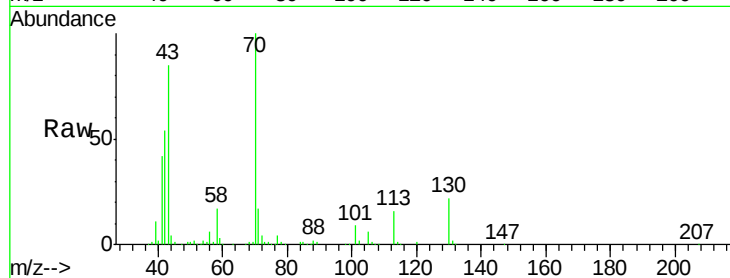
ClientSampleId :

SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
70	100		
42	53.9	47.2	70.8
101	9.5	7.2	10.8
130	22.1	15.9	23.9

Manual Integrations
APPROVED

mohammad
5/22/2017 1:30:17 PM



#20

3+4-Methylphenols

Concen: 40.16 ng

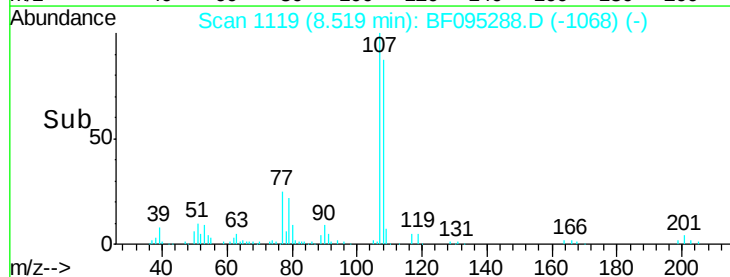
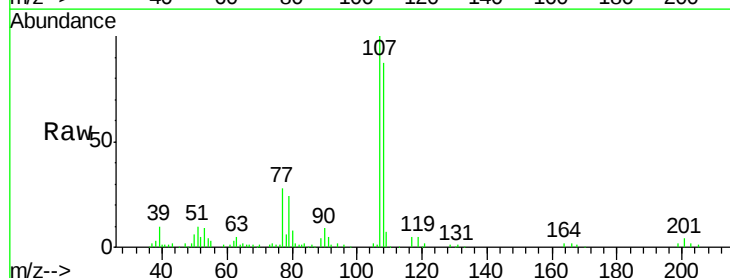
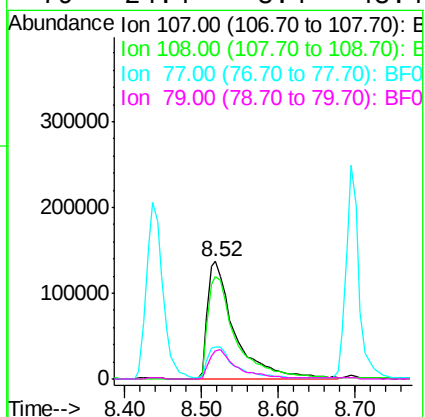
RT: 8.52 min Scan# 1119

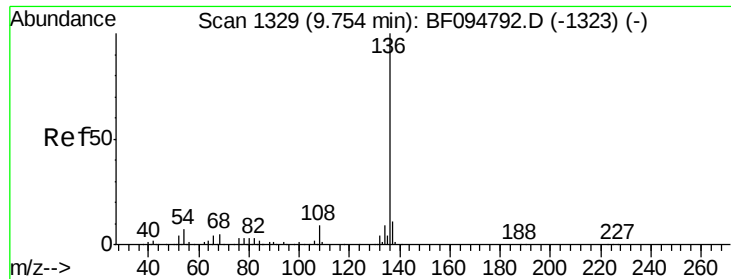
Delta R.T. -0.00 min

Lab File: BF095288.D

Acq: 20 May 2017 6:12

Tgt Ion	Ratio	Lower	Upper
107	100		
108	87.3	71.0	111.0
77	27.7	90.5	130.5#
79	24.4	8.4	48.4





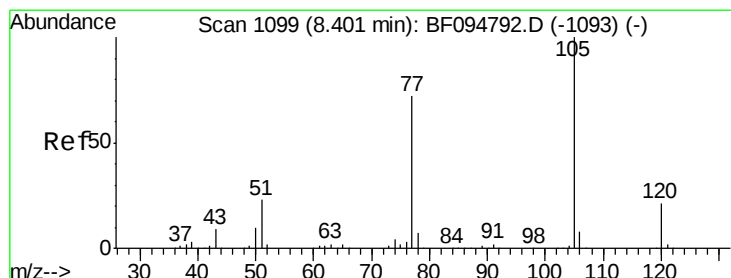
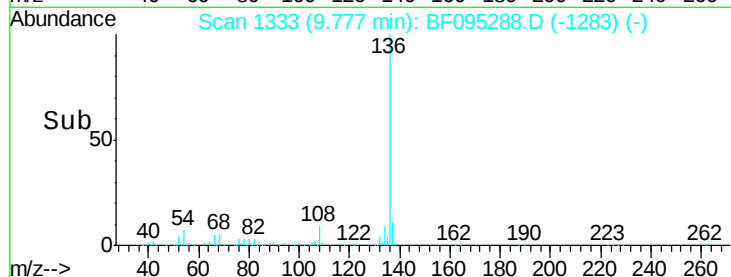
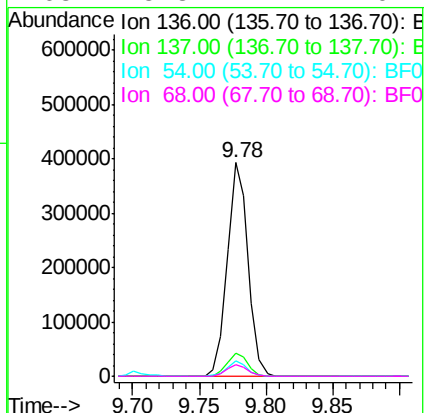
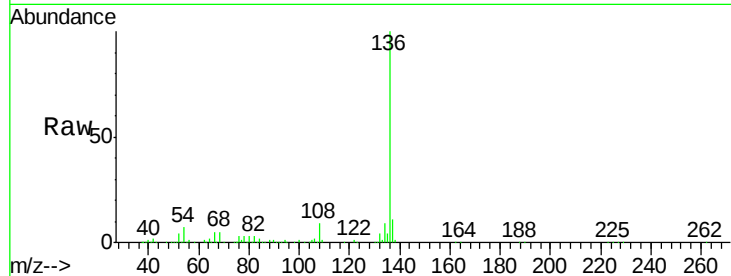
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 9.78 min Scan# 1333
Delta R.T. -0.01 min
Lab File: BF095288.D
Acq: 20 May 2017 6:12

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
136	100	430350		
137	10.6	8.5	12.7	
54	6.9	4.9	7.3	
68	5.3	4.1	6.1	

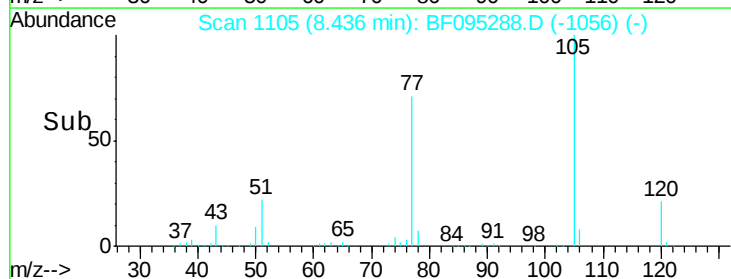
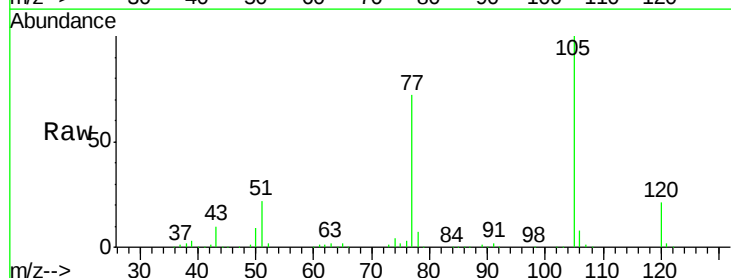
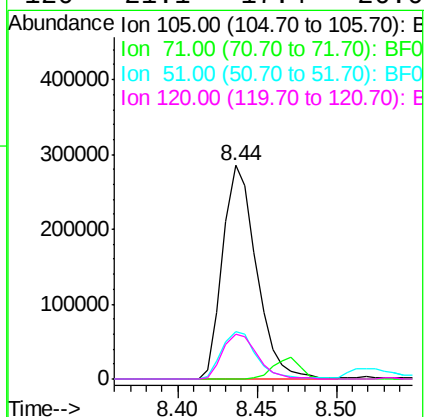
Manual Integrations
APPROVED

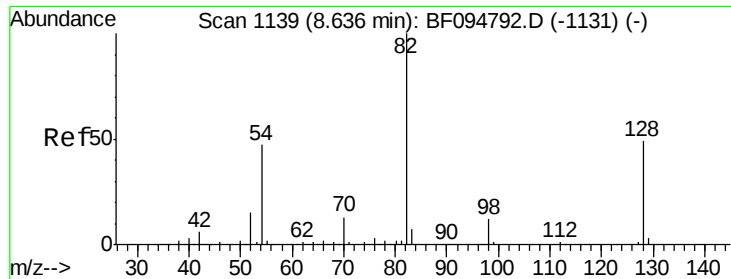
mohammad
5/22/2017 1:30:17 PM



#22
Acetophenone
Concen: 41.00 ng
RT: 8.44 min Scan# 1105
Delta R.T. -0.01 min
Lab File: BF095288.D
Acq: 20 May 2017 6:12

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	423334		
71	0.0	2.8	4.2#	
51	22.3	30.7	46.1#	
120	21.1	17.4	26.0	





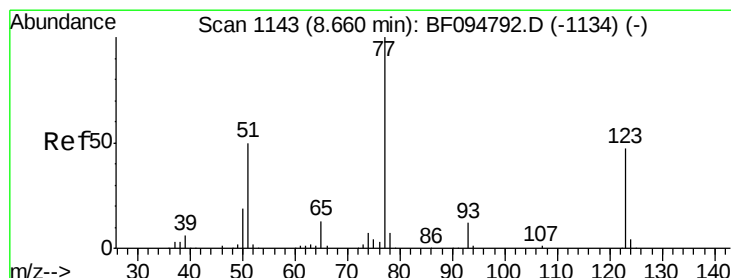
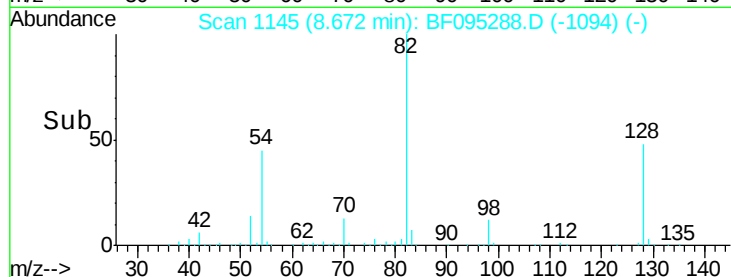
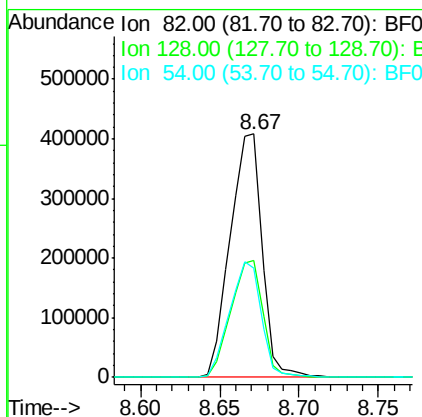
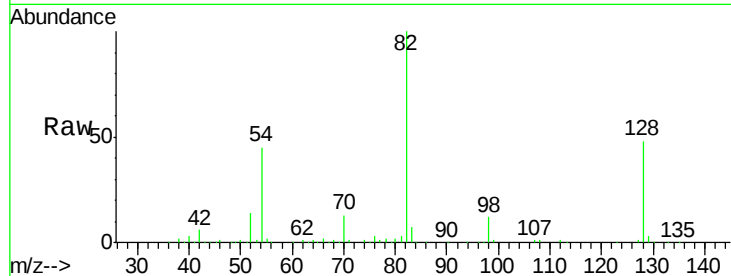
#23
Nitrobenzene-d5
Concen: 83.93 ng
RT: 8.67 min Scan# 1145
Delta R.T. -0.00 min
Lab File: BF095288.D
Acq: 20 May 2017 6:12

Instrument :
BNA_F
ClientSampled :
SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	572813		
128	48.0	34.0	51.0	
54	44.7	42.2	63.2	

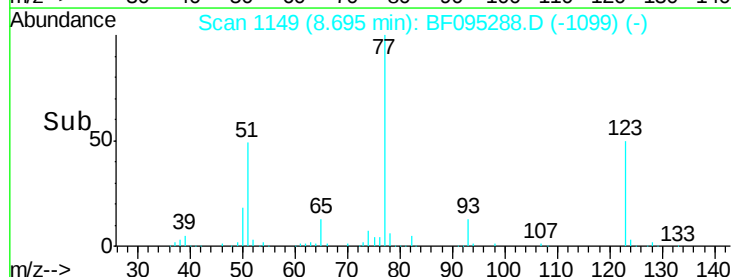
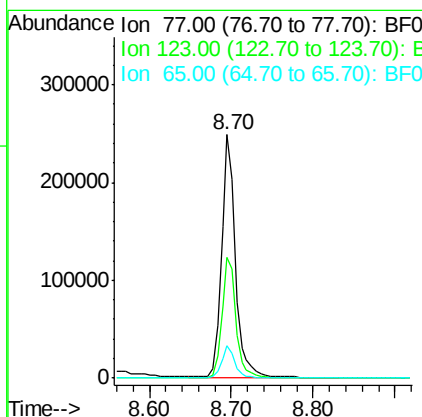
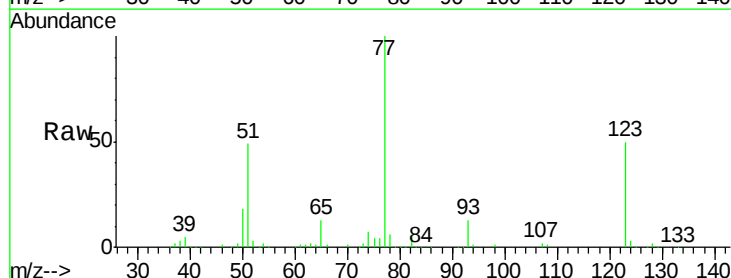
Manual Integrations
APPROVED

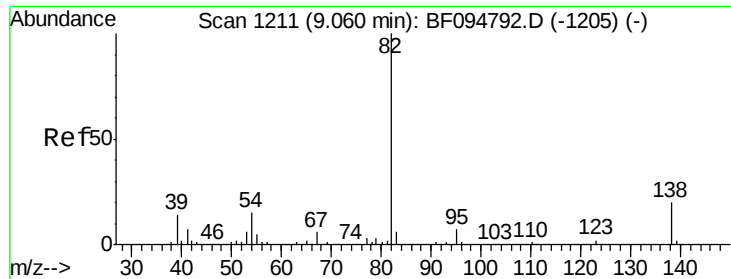
mohammad
5/22/2017 1:30:17 PM



#24
Nitrobenzene
Concen: 41.14 ng
RT: 8.70 min Scan# 1149
Delta R.T. -0.01 min
Lab File: BF095288.D
Acq: 20 May 2017 6:12

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	294300		
123	49.7	35.8	53.8	
65	13.2	10.6	15.8	





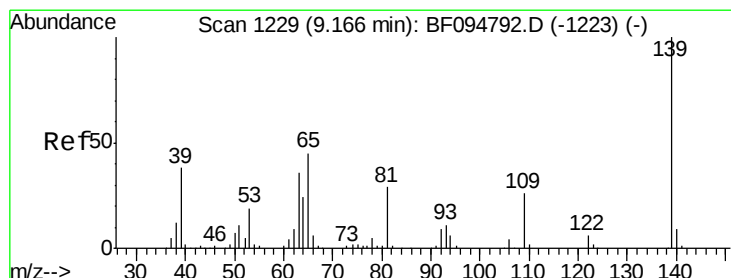
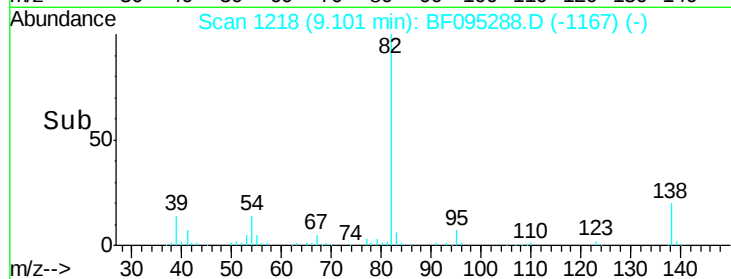
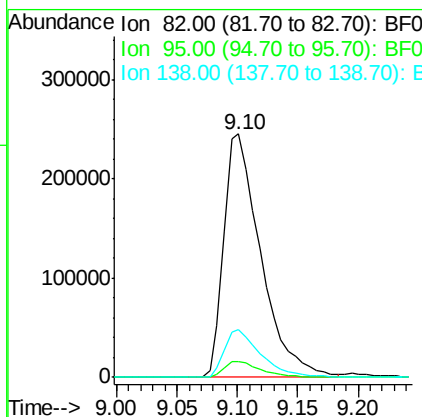
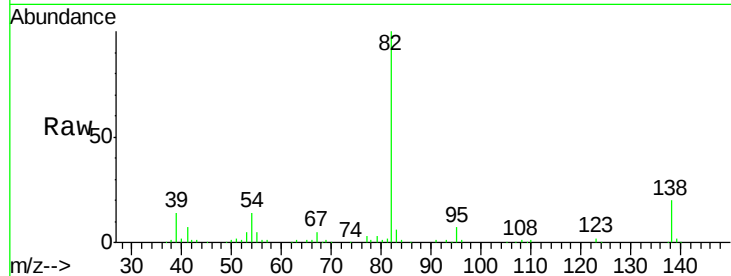
#25
Isophorone
Concen: 42.86 ng
RT: 9.10 min Scan# 1218
Delta R.T. -0.00 min
Lab File: BF095288.D
Acq: 20 May 2017 6:12

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	522330		
95	6.5	5.3	7.9	
138	19.7	13.1	19.7#	

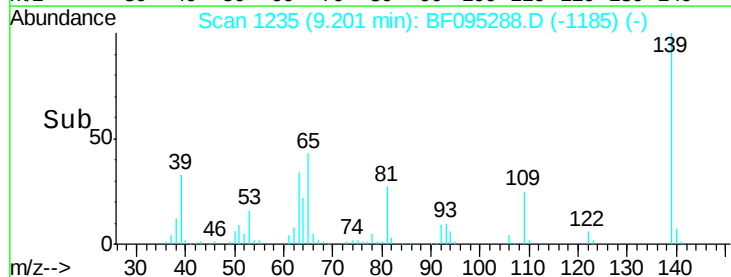
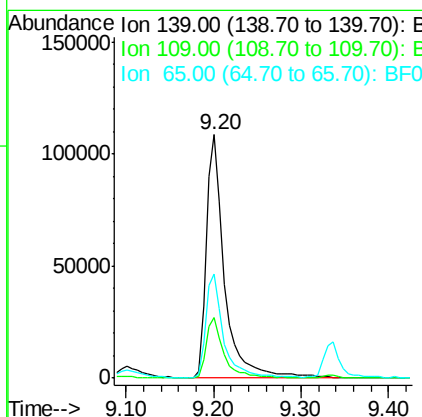
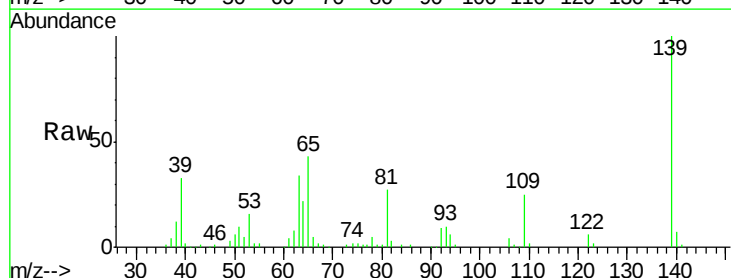
Manual Integrations
APPROVED

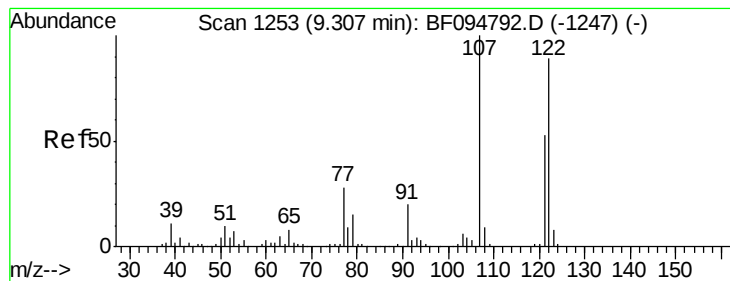
mohammad
5/22/2017 1:30:17 PM



#26
2-Nitrophenol
Concen: 40.61 ng
RT: 9.20 min Scan# 1235
Delta R.T. -0.01 min
Lab File: BF095288.D
Acq: 20 May 2017 6:12

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	156768		
109	25.0	21.0	31.6	
65	43.0	33.0	49.6	





#27

2,4-Dimethylphenol

Concen: 42.18 ng

RT: 9.34 min Scan# 1258

Delta R.T. -0.00 min

Lab File: BF095288.D

Acq: 20 May 2017 6:12

Instrument :

BNA_F

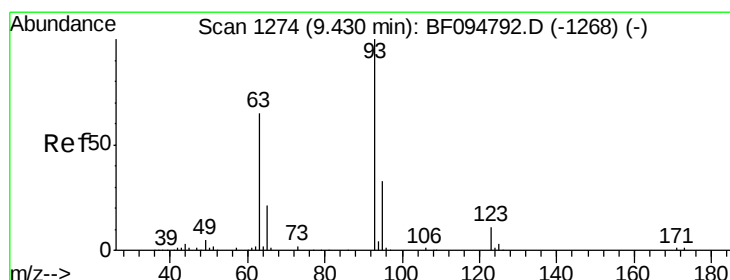
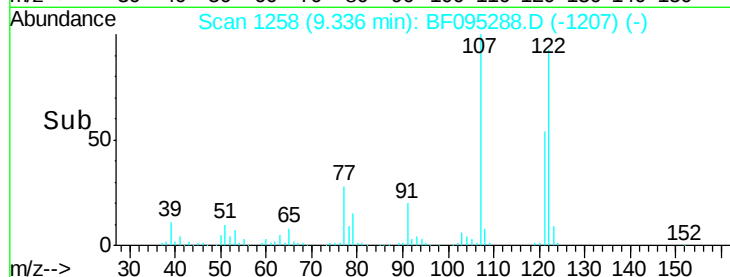
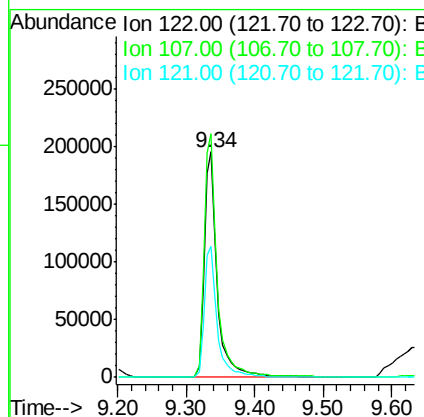
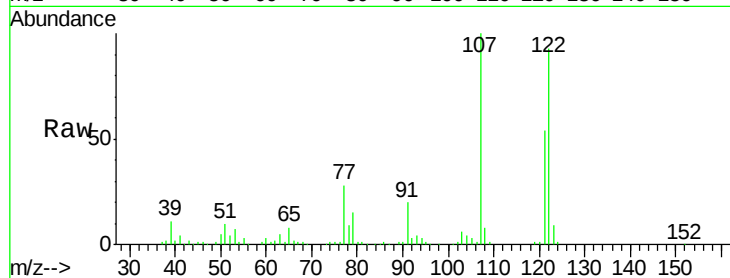
ClientSampleId :

SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	263223		
107	108.0	89.2	133.8	
121	58.3	45.2	67.8	

Manual Integrations
APPROVED

mohammad
5/22/2017 1:30:17 PM



#28

bis(2-Chloroethoxy)methane

Concen: 42.41 ng

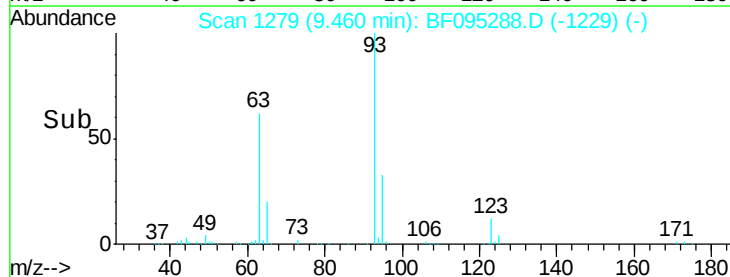
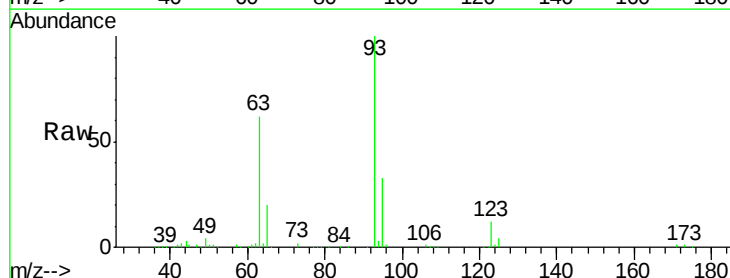
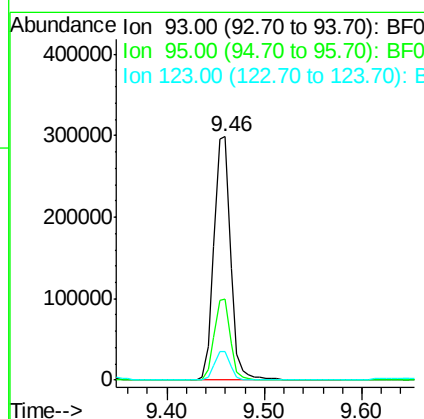
RT: 9.46 min Scan# 1279

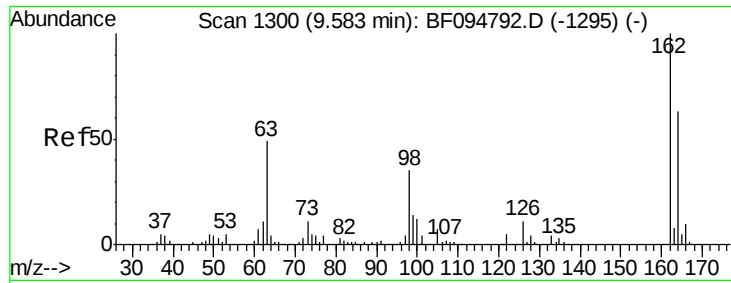
Delta R.T. -0.01 min

Lab File: BF095288.D

Acq: 20 May 2017 6:12

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	357495		
95	33.2	26.5	39.7	
123	11.7	9.0	13.4	





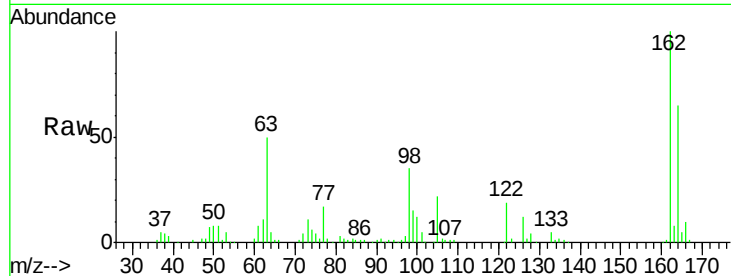
#29
 2,4-Dichlorophenol
 Concen: 42.19 ng
 RT: 9.62 min Scan# 1306
 Delta R.T. -0.01 min
 Lab File: BF095288.D
 Acq: 20 May 2017 6:12

Instrument :
 BNA_F
 ClientSampled :
 SSTDCCC040

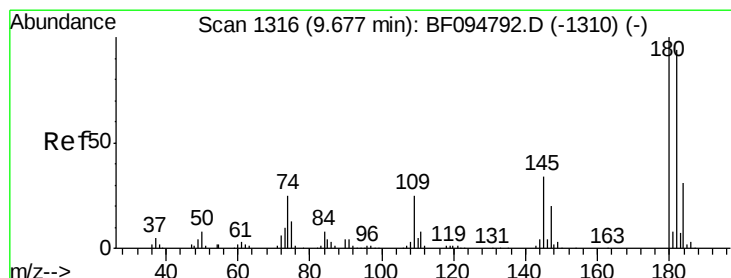
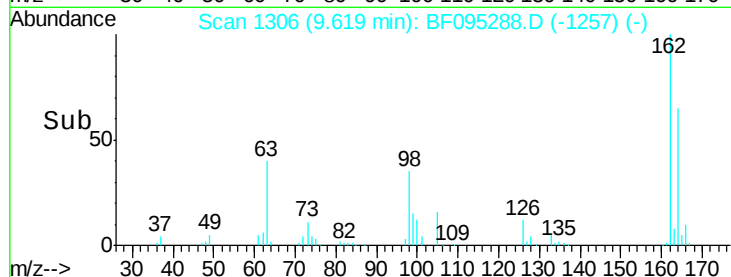
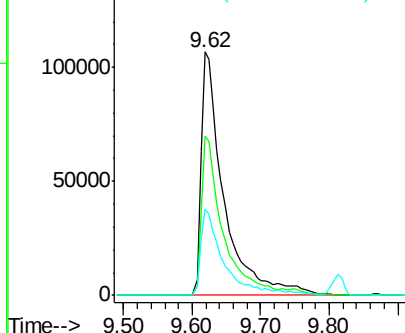
Tgt Ion:	162	Resp:	248626
Ion Ratio	Lower	Upper	
162	100		
164	65.2	44.6	84.6
98	35.3	14.8	54.8

Manual Integrations
 APPROVED

mohammad
 5/22/2017 1:30:17 PM



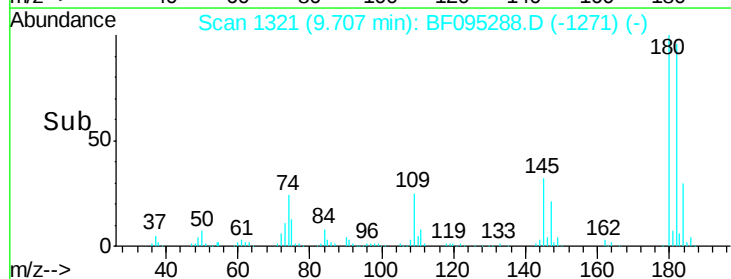
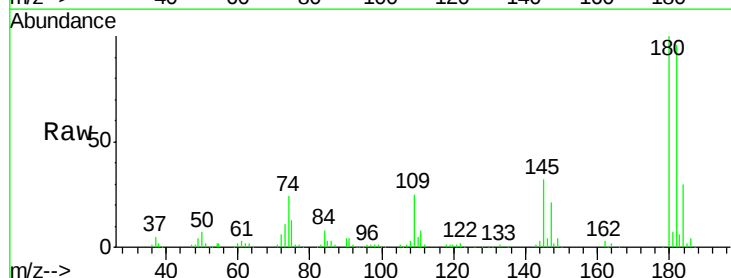
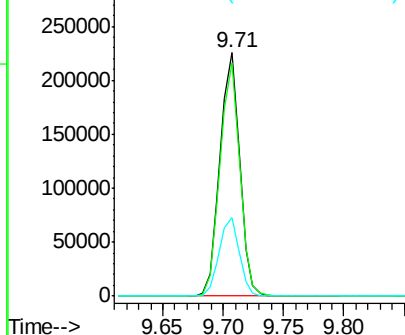
Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

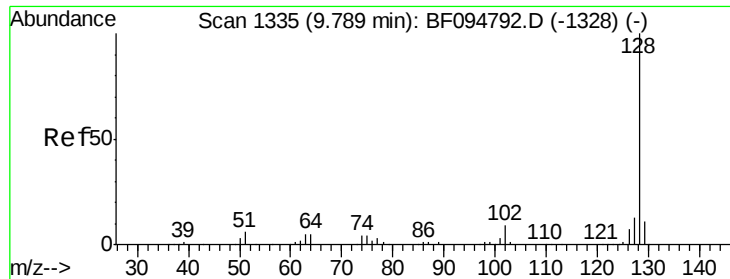


#30
 1,2,4-Trichlorobenzene
 Concen: 40.56 ng
 RT: 9.71 min Scan# 1321
 Delta R.T. -0.01 min
 Lab File: BF095288.D
 Acq: 20 May 2017 6:12

Tgt Ion:	180	Resp:	256064
Ion Ratio	Lower	Upper	
180	100		
182	95.8	75.8	113.6
145	32.3	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





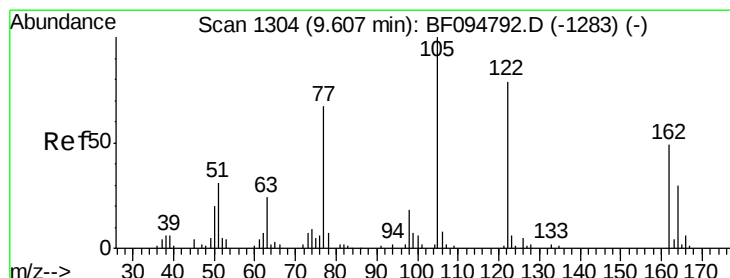
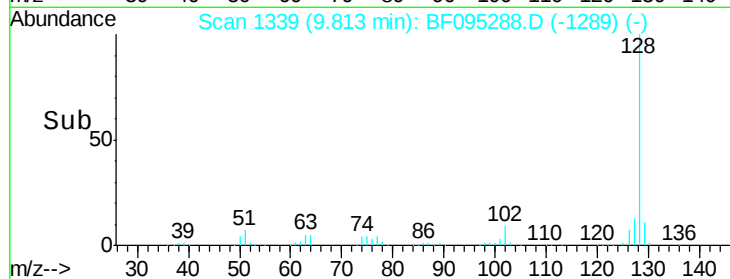
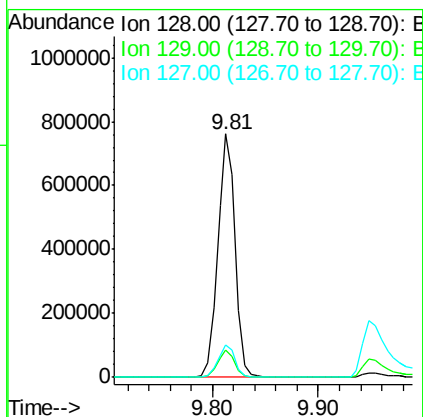
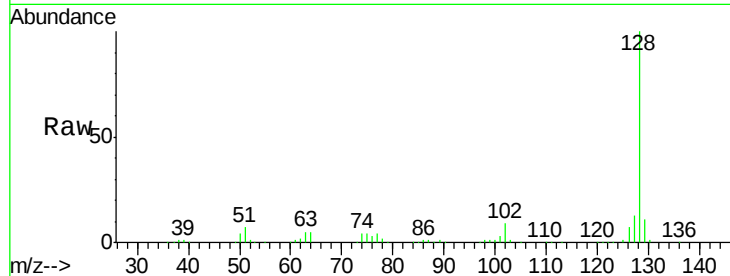
#31
Naphthalene
Concen: 40.25 ng
RT: 9.81 min Scan# 1339
Delta R.T. -0.01 min
Lab File: BF095288.D
Acq: 20 May 2017 6:12

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	870525		
129	11.3	9.0	13.6	
127	13.4	10.8	16.2	

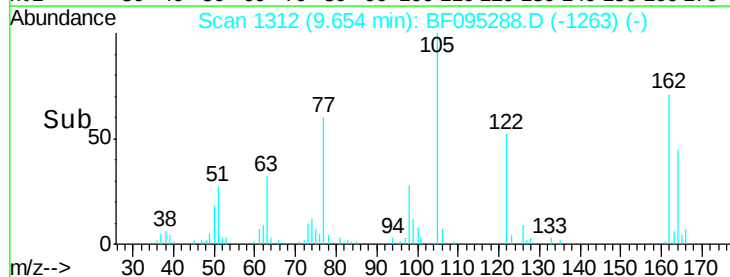
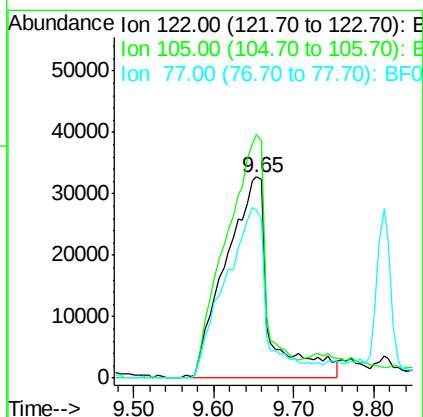
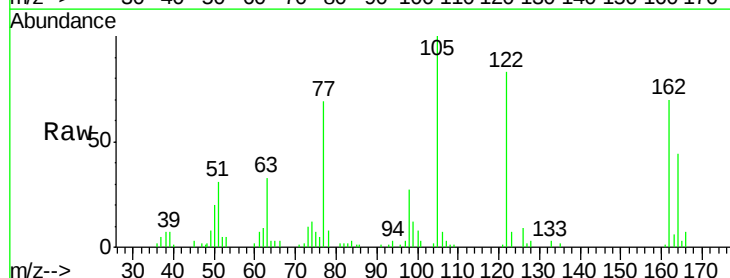
Manual Integrations
APPROVED

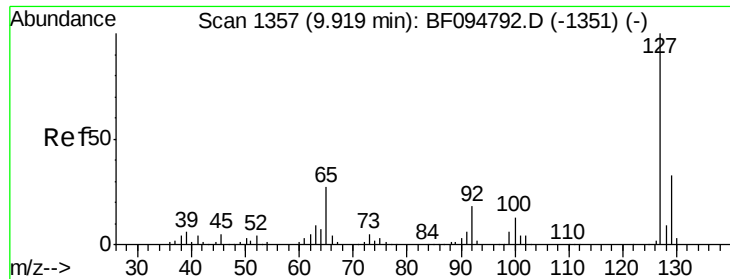
mohammad
5/22/2017 1:30:17 PM



#32
Benzoic acid
Concen: 32.30 ng m
RT: 9.65 min Scan# 1312
Delta R.T. -0.01 min
Lab File: BF095288.D
Acq: 20 May 2017 6:12

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	124731		
105	121.1	103.3	143.3	
77	83.3	73.7	113.7	





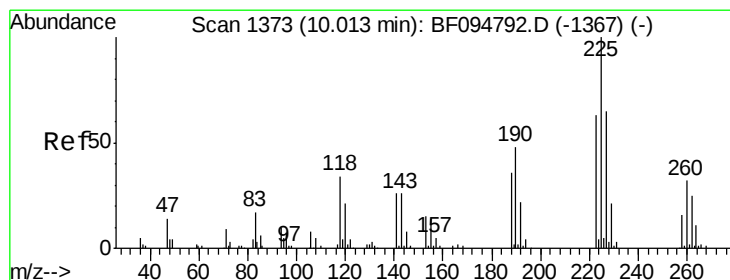
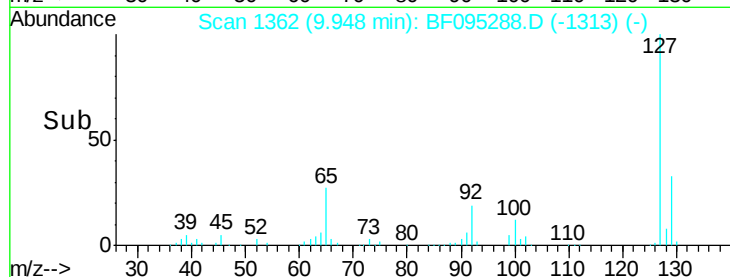
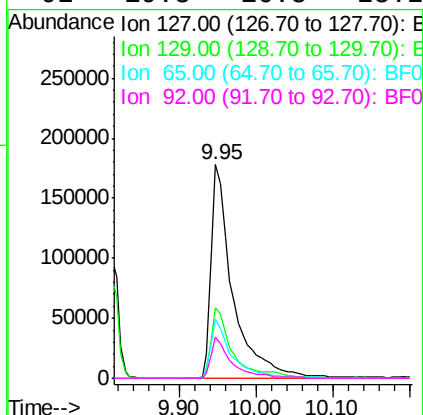
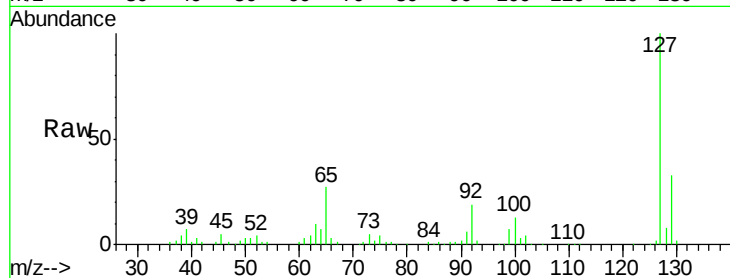
#33
4-Chloroaniline
Concen: 43.01 ng
RT: 9.95 min Scan# 1362
Delta R.T. -0.01 min
Lab File: BF095288.D
Acq: 20 May 2017 6:12

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
127	100	346669		
129	33.2	26.2	39.2	
65	27.4	27.8	41.8	
92	19.3	16.8	25.2	

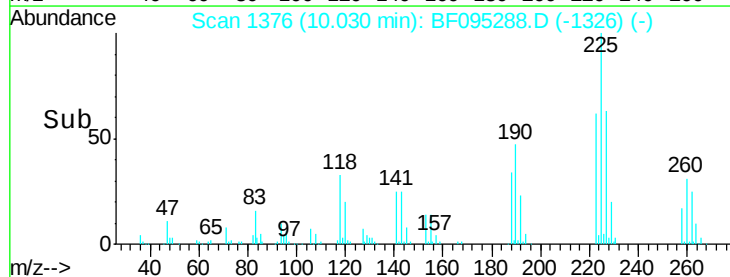
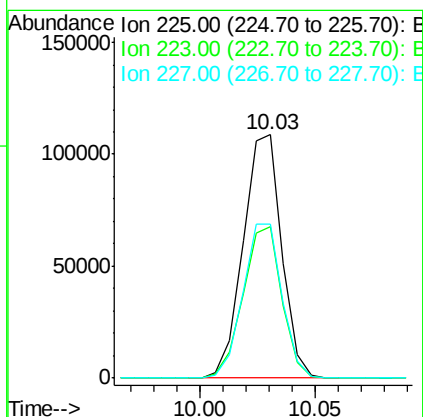
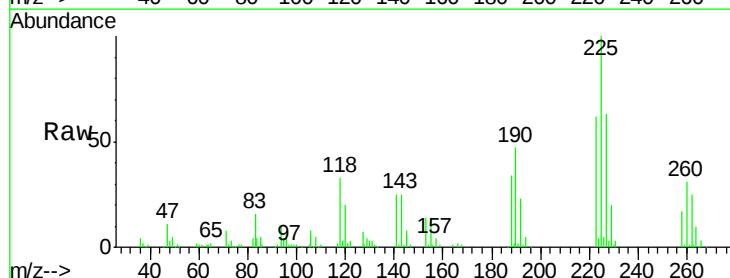
Manual Integrations
APPROVED

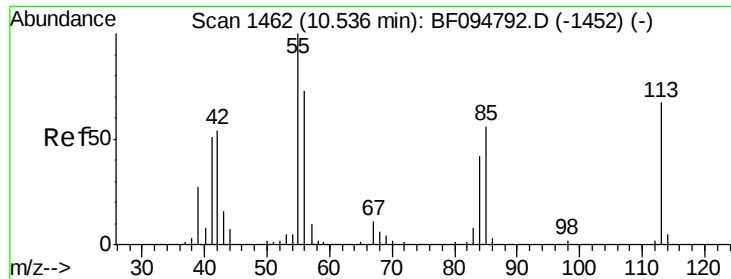
mohammad
5/22/2017 1:30:17 PM



#34
Hexachlorobutadiene
Concen: 37.96 ng
RT: 10.03 min Scan# 1376
Delta R.T. -0.01 min
Lab File: BF095288.D
Acq: 20 May 2017 6:12

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	126450		
223	62.4	48.8	73.2	
227	63.4	51.1	76.7	





#35

Caprolactam

Concen: 36.88 ng m

RT: 10.59 min Scan# 1471

Delta R.T. -0.01 min

Lab File: BF095288.D

Acq: 20 May 2017 6:12

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:113 Resp: 65250
Ion Ratio Lower Upper

113 100

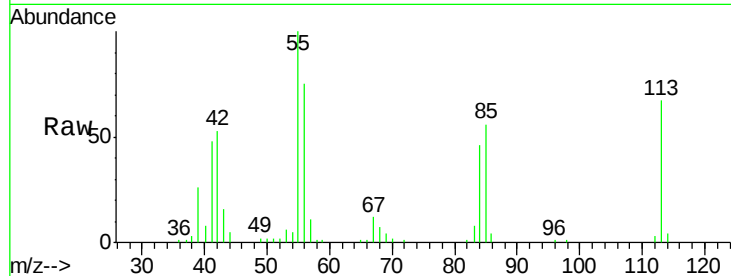
55 148.9 150.2 190.2#

56 111.4 107.8 147.8

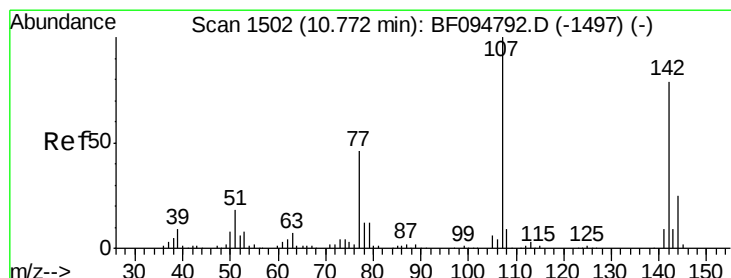
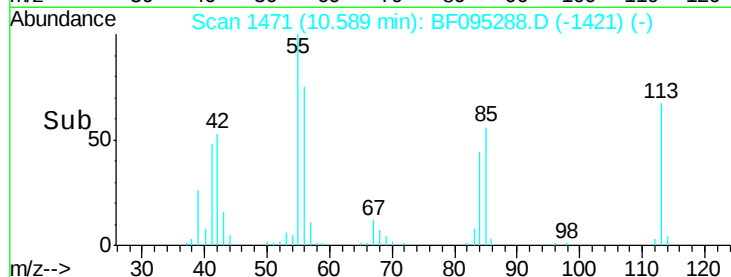
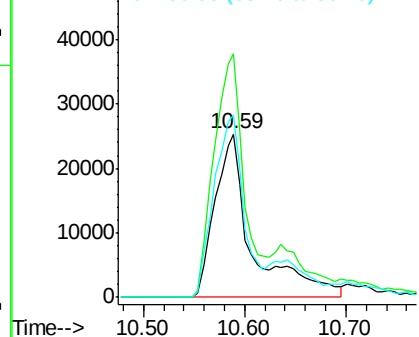
Manual Integrations
APPROVED

mohammad

5/22/2017 1:30:17 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: 40.20 ng

RT: 10.81 min Scan# 1508

Delta R.T. -0.01 min

Lab File: BF095288.D

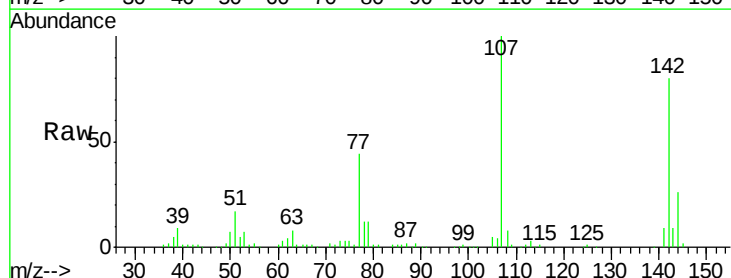
Acq: 20 May 2017 6:12

Tgt Ion:107 Resp: 253270
Ion Ratio Lower Upper

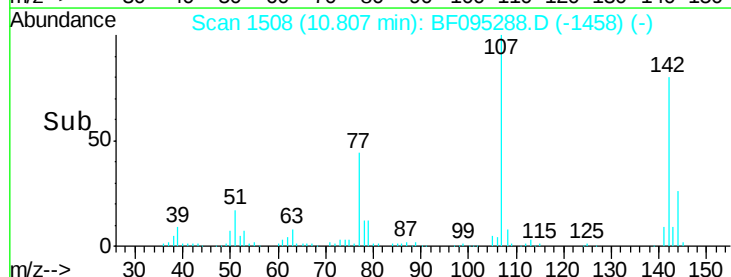
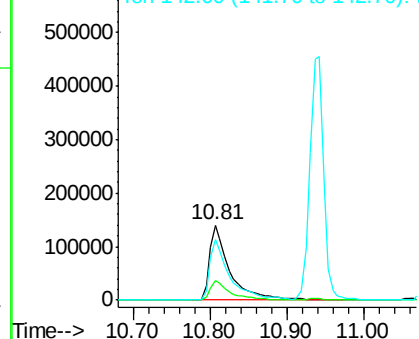
107 100

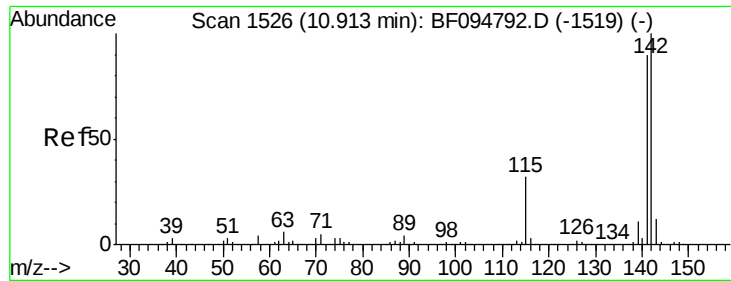
144 25.9 24.2 36.4

142 80.3 73.4 110.0



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





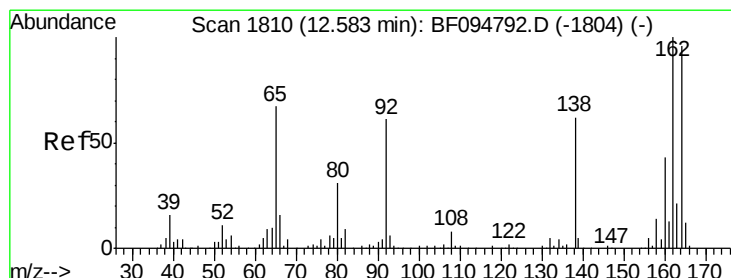
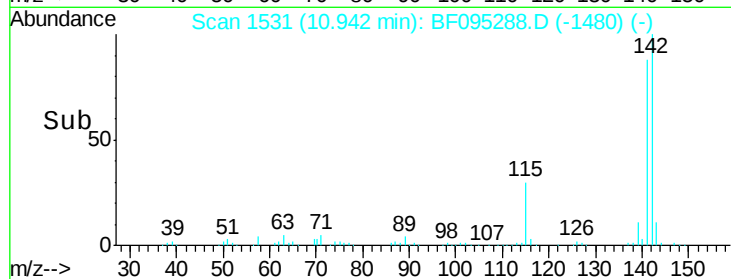
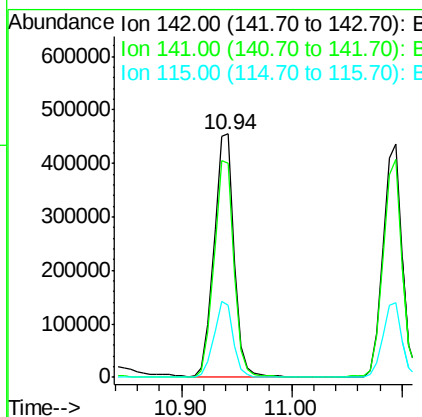
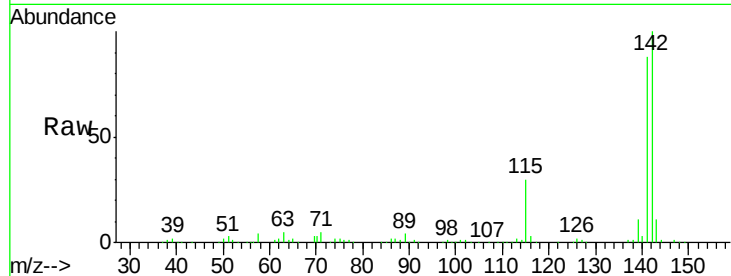
#37
2-Methylnaphthalene
Concen: 40.19 ng
RT: 10.94 min Scan# 1531
Delta R.T. -0.00 min
Lab File: BF095288.D
Acq: 20 May 2017 6:12

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
142	100		
141	88.2	71.3	106.9
115	29.8	27.1	40.7

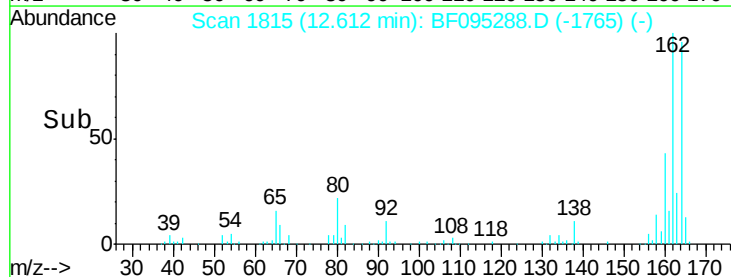
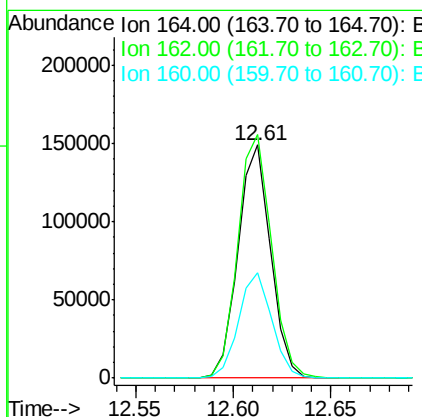
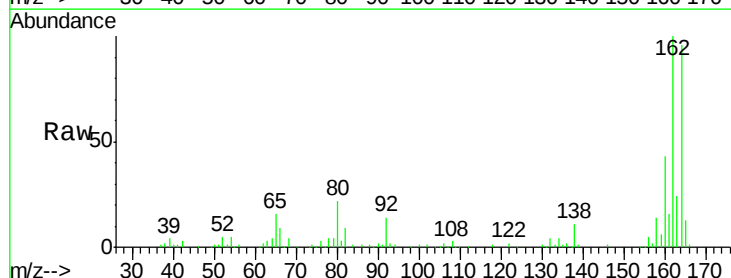
Manual Integrations
APPROVED

mohammad
5/22/2017 1:30:17 PM



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 12.61 min Scan# 1815
Delta R.T. -0.01 min
Lab File: BF095288.D
Acq: 20 May 2017 6:12

Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.4	82.6	123.8
160	45.0	36.2	54.2





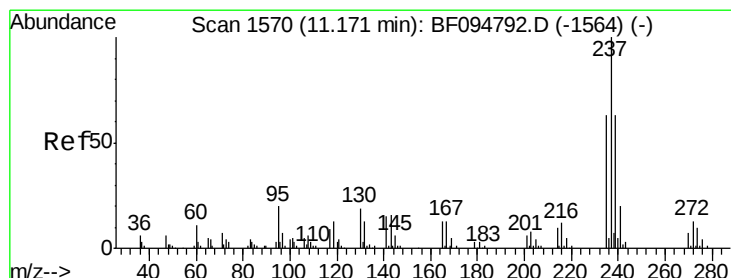
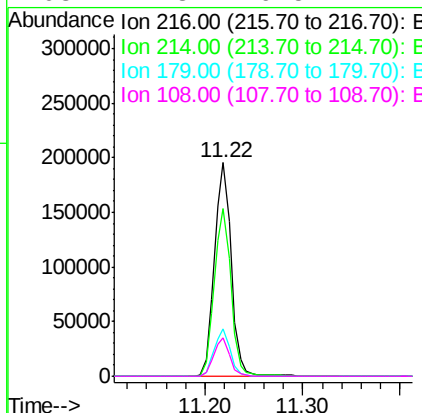
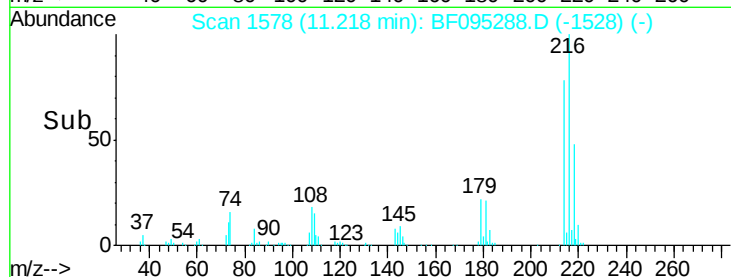
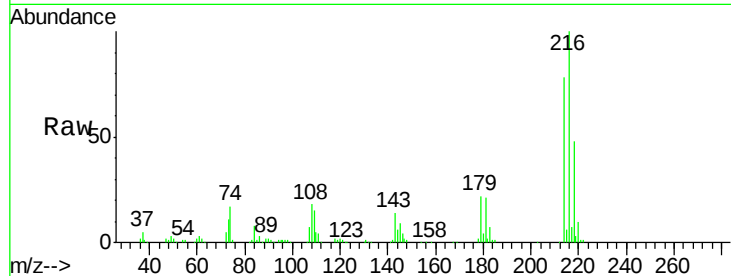
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 44.14 ng
 RT: 11.22 min Scan# 1578
 Delta R.T. -0.01 min
 Lab File: BF095288.D
 Acq: 20 May 2017 6:12

Instrument :
 BNA_F
 ClientSampleId :
 SSTCCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
216	100	233694		
214	78.0	63.4	95.2	
179	21.4	17.9	26.9	
108	17.3	16.5	24.7	

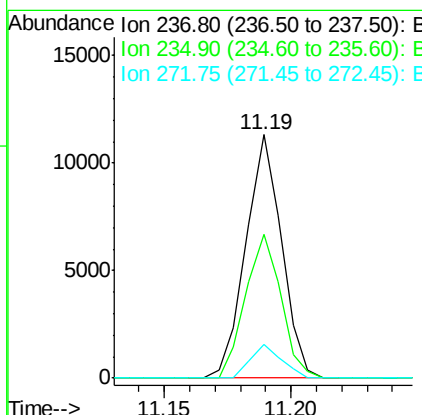
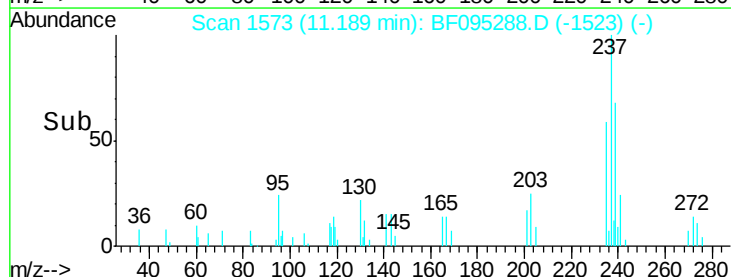
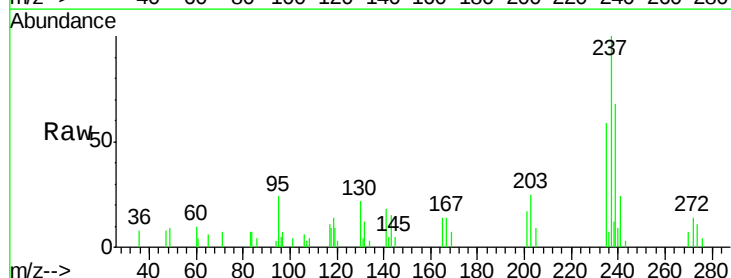
Manual Integrations
 APPROVED

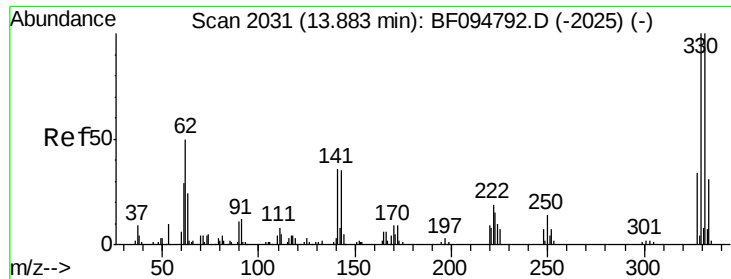
mohammad
 5/22/2017 1:30:17 PM



#40
 Hexachlorocyclopentadiene
 Concen: 10.68 ng
 RT: 11.19 min Scan# 1573
 Delta R.T. -0.01 min
 Lab File: BF095288.D
 Acq: 20 May 2017 6:12

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	11144		
235	59.0	42.6	82.6	
272	13.7	0.0	31.9	





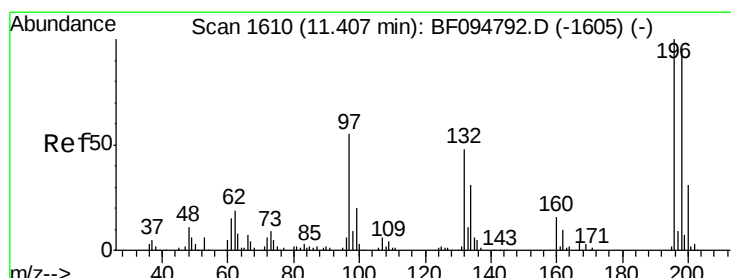
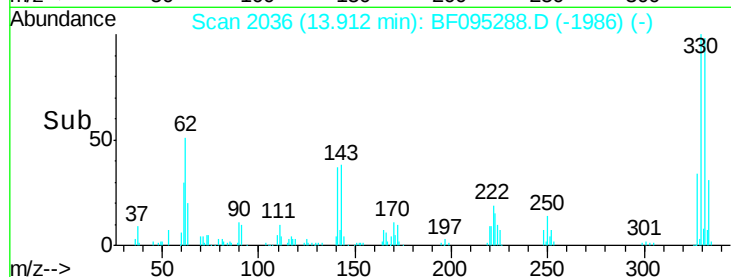
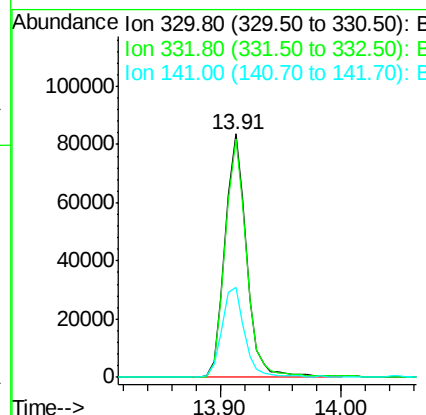
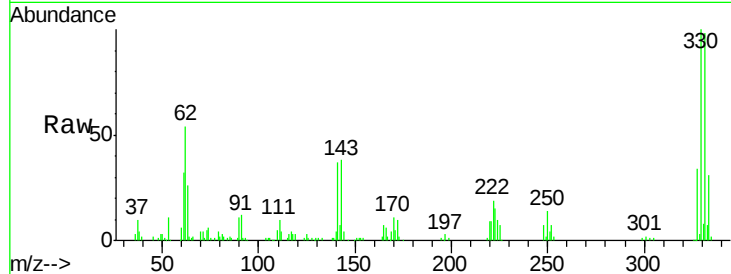
#41
 2,4,6-Tribromophenol
 Concen: 73.22 ng
 RT: 13.91 min Scan# 2036
 Delta R.T. -0.01 min
 Lab File: BF095288.D
 Acq: 20 May 2017 6:12

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	103249		
332	97.1	76.6	115.0	
141	38.6	31.4	47.2	

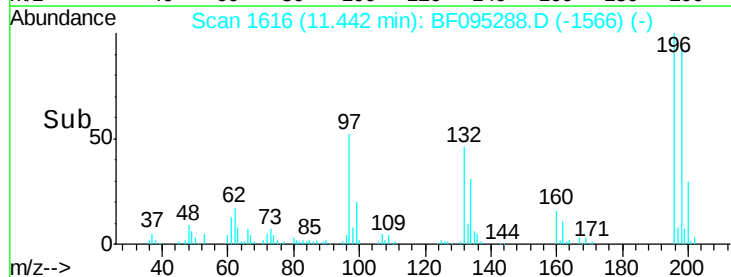
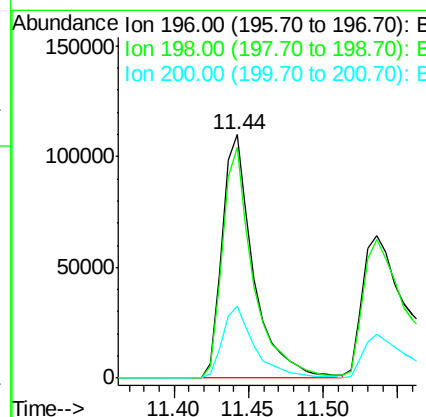
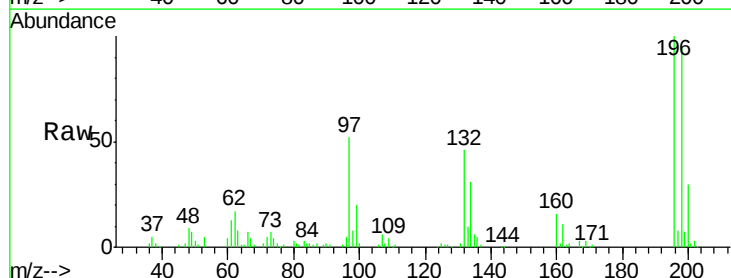
Manual Integrations
 APPROVED

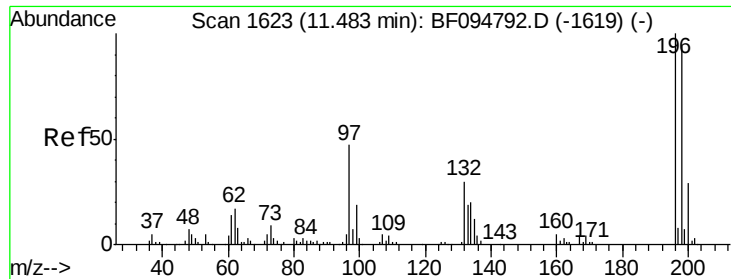
mohammad
 5/22/2017 1:30:17 PM



#42
 2,4,6-Trichlorophenol
 Concen: 45.81 ng
 RT: 11.44 min Scan# 1616
 Delta R.T. -0.01 min
 Lab File: BF095288.D
 Acq: 20 May 2017 6:12

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	161952		
198	94.5	74.2	111.4	
200	29.8	24.0	36.0	





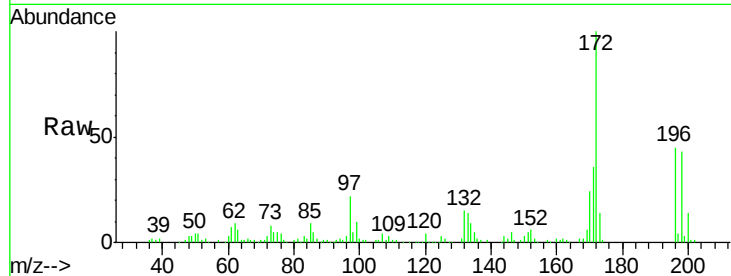
#43
 2,4,5-Trichlorophenol
 Concen: 40.56 ng
 RT: 11.54 min Scan# 1632
 Delta R.T. -0.00 min
 Lab File: BF095288.D
 Acq: 20 May 2017 6:12

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

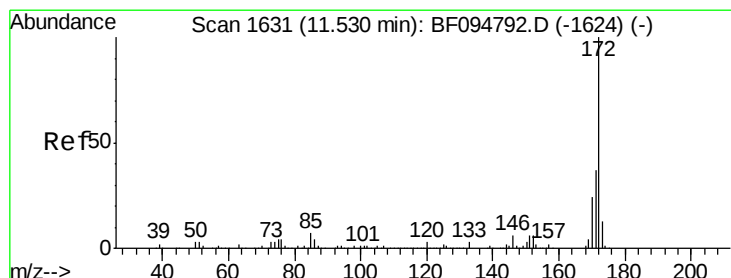
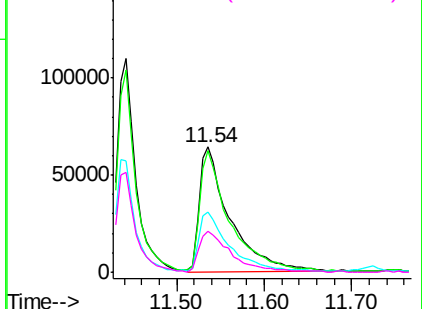
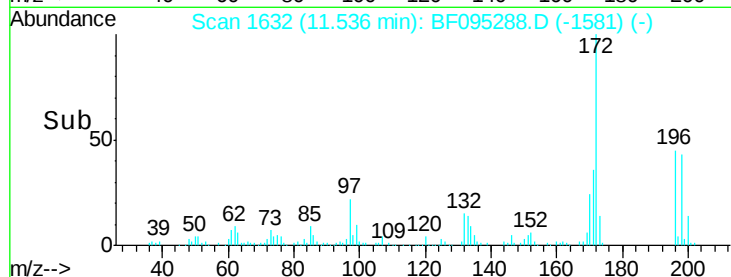
Tgt Ion	Ratio	Resp	Lower	Upper
196	100	154127		
198	96.9	75.7	113.5	
97	48.5	47.7	71.5	
132	33.0	28.0	42.0	

Manual Integrations
 APPROVED

mohammad
 5/22/2017 1:30:17 PM

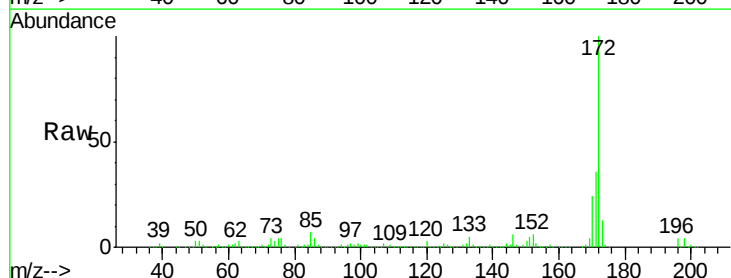


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

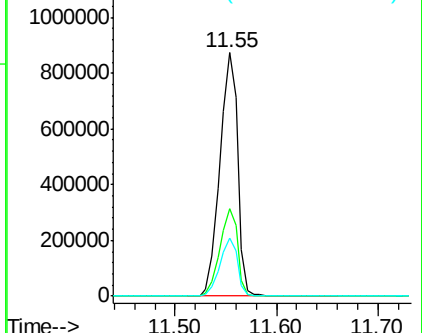
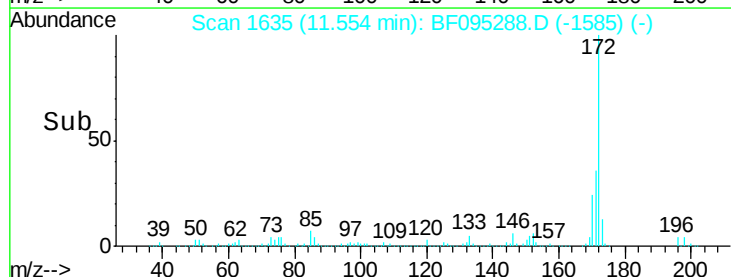


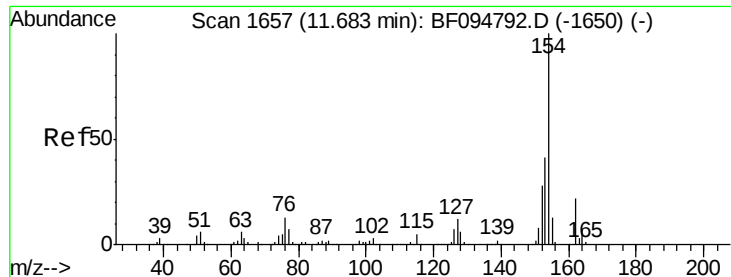
#44
 2-Fluorobiphenyl
 Concen: 89.26 ng
 RT: 11.55 min Scan# 1635
 Delta R.T. -0.01 min
 Lab File: BF095288.D
 Acq: 20 May 2017 6:12

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1067722		
171	36.1	29.6	44.4	
170	23.7	19.8	29.8	



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E





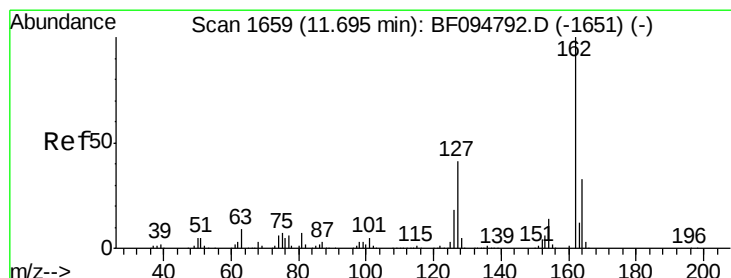
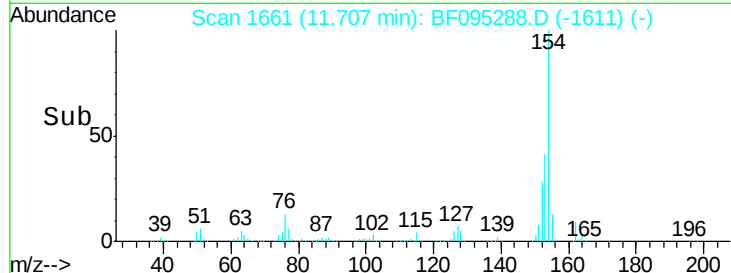
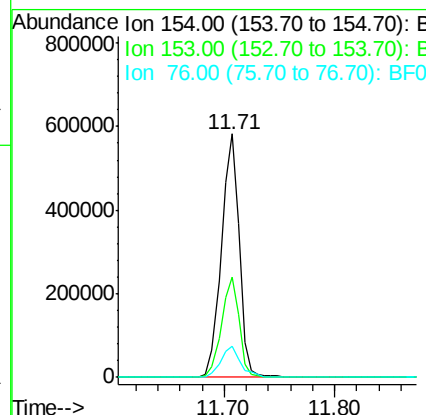
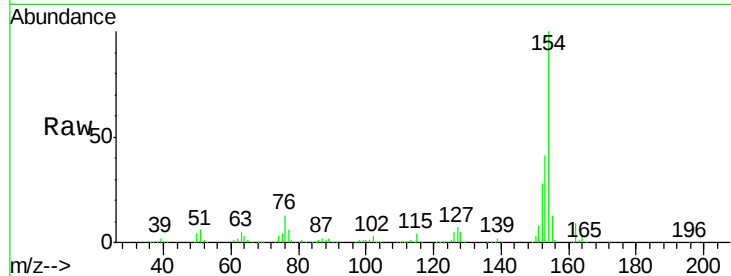
#45
 1,1'-Biphenyl
 Concen: 45.12 ng
 RT: 11.71 min Scan# 1661
 Delta R.T. -0.01 min
 Lab File: BF095288.D
 Acq: 20 May 2017 6:12

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.2	21.2	61.2
76	12.6	0.0	29.9

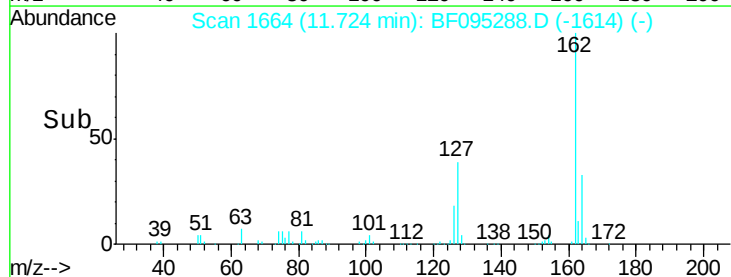
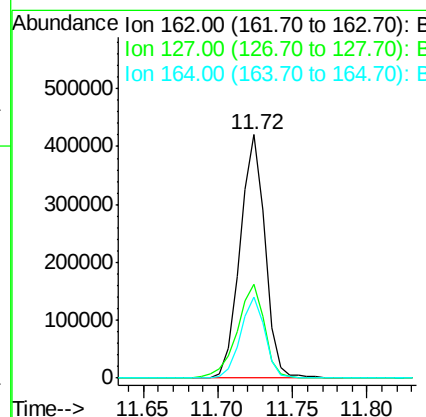
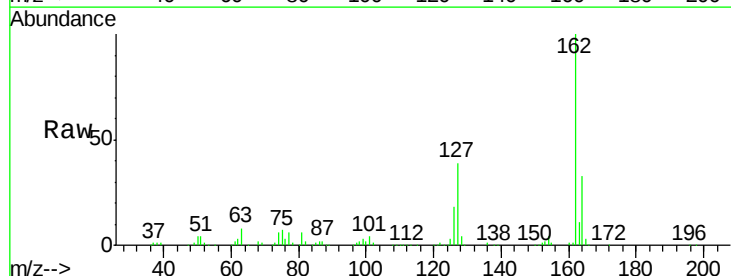
Manual Integrations
 APPROVED

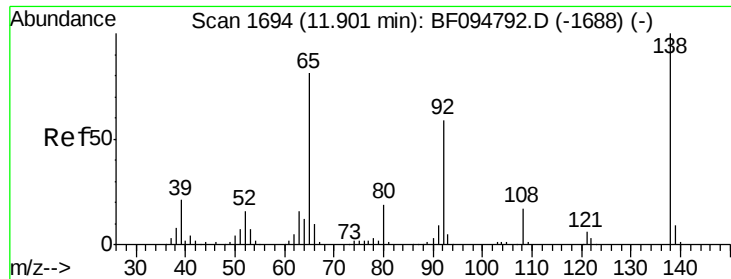
mohammad
 5/22/2017 1:30:17 PM



#46
 2-Chloronaphthalene
 Concen: 42.11 ng
 RT: 11.72 min Scan# 1664
 Delta R.T. -0.01 min
 Lab File: BF095288.D
 Acq: 20 May 2017 6:12

Tgt Ion	Ratio	Lower	Upper
162	100		
127	38.7	28.3	42.5
164	33.2	27.0	40.4





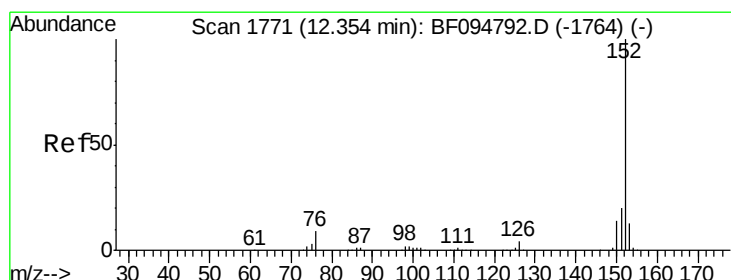
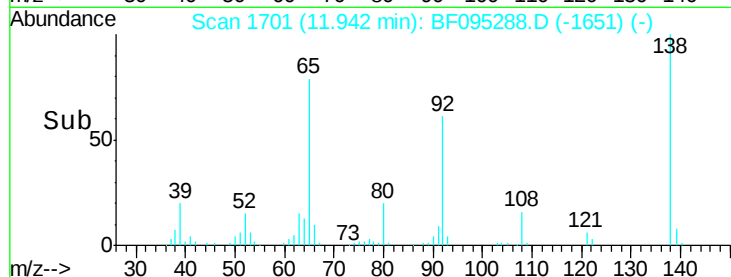
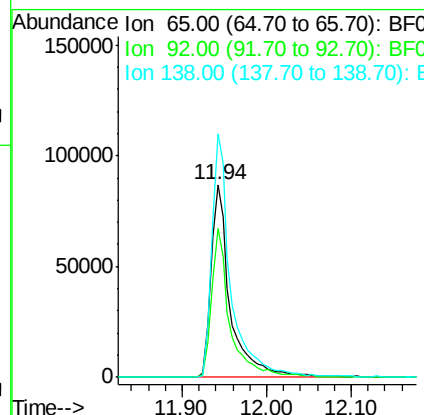
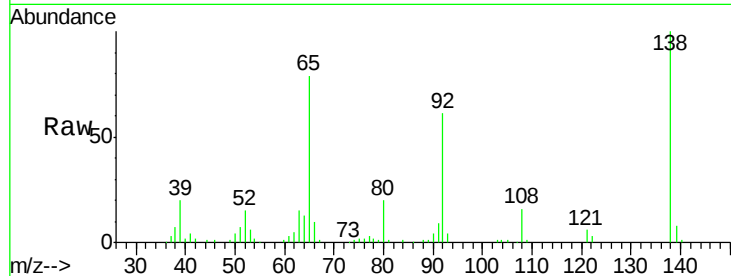
#47
2-Nitroaniline
Concen: 43.50 ng
RT: 11.94 min Scan# 1701
Delta R.T. -0.01 min
Lab File: BF095288.D
Acq: 20 May 2017 6:12

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion: 65 Resp: 139373
Ion Ratio Lower Upper
65 100
92 77.4 53.9 80.9
138 126.4 78.8 118.2#

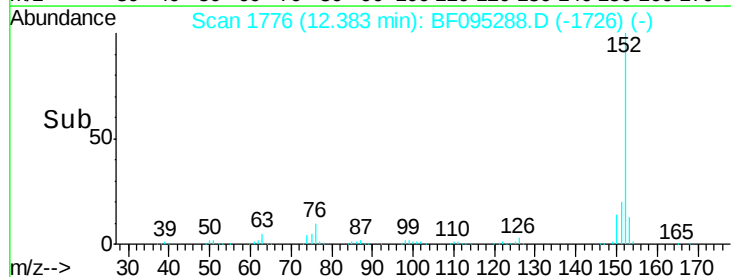
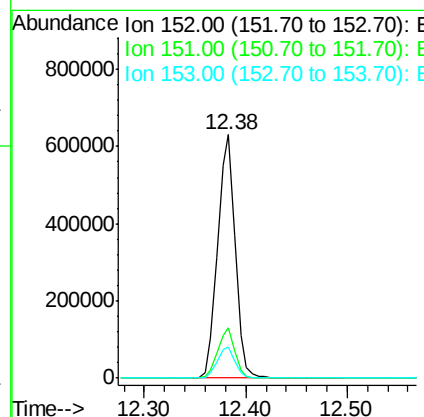
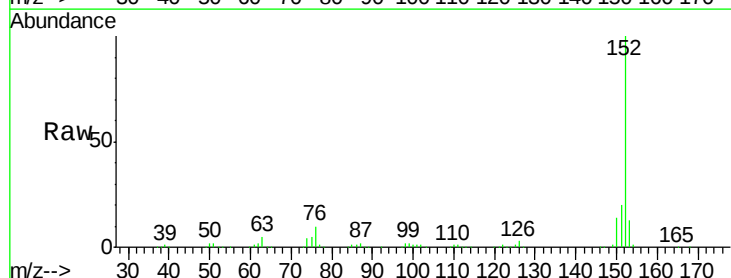
Manual Integrations
APPROVED

mohammad
5/22/2017 1:30:17 PM



#48
Acenaphthylene
Concen: 41.49 ng
RT: 12.38 min Scan# 1776
Delta R.T. -0.01 min
Lab File: BF095288.D
Acq: 20 May 2017 6:12

Tgt Ion: 152 Resp: 760682
Ion Ratio Lower Upper
152 100
151 20.5 16.8 25.2
153 12.8 10.8 16.2





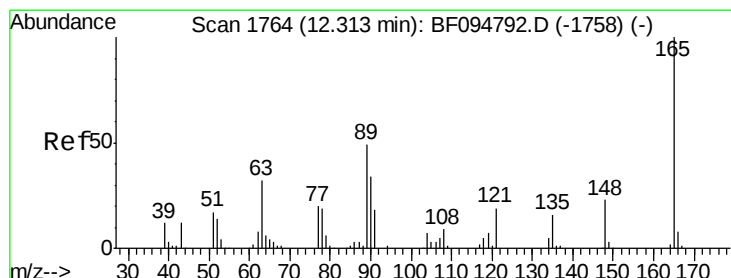
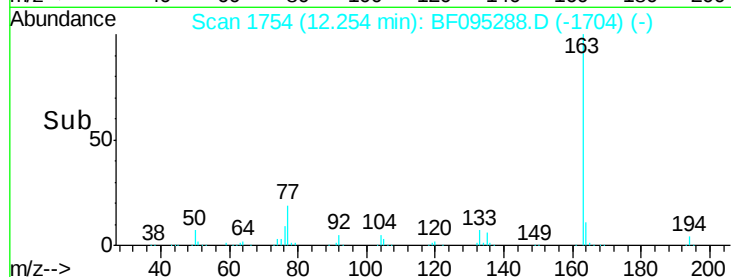
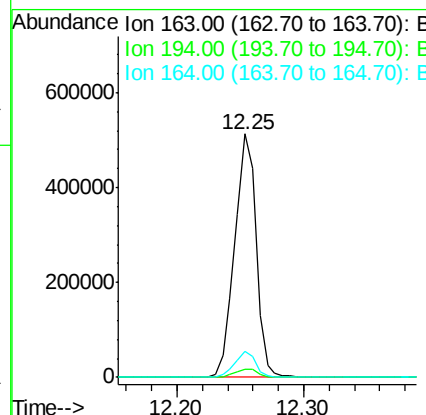
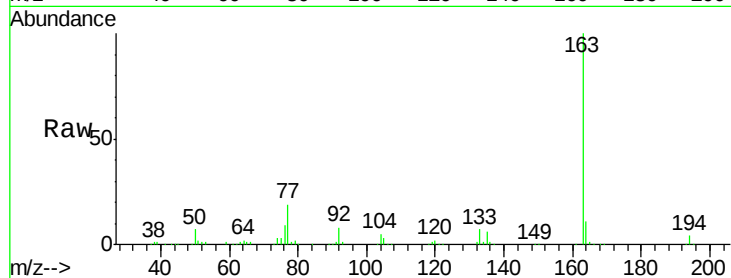
#49
Dimethylphthalate
Concen: 42.22 ng
RT: 12.25 min Scan# 1754
Delta R.T. -0.01 min
Lab File: BF095288.D
Acq: 20 May 2017 6:12

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Resp Lower	Resp Upper
163	100		
194	3.6	2.6	4.0
164	10.7	8.4	12.6

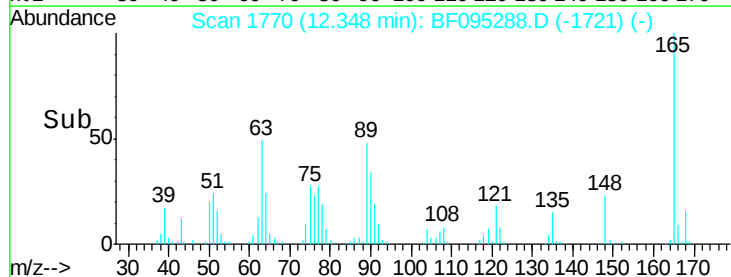
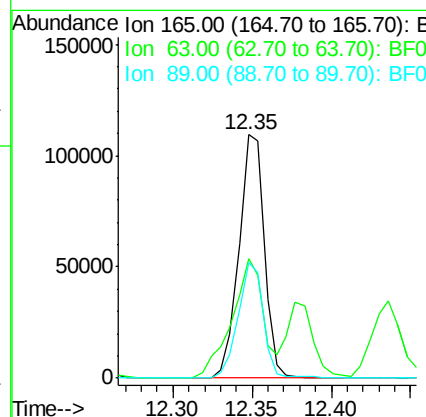
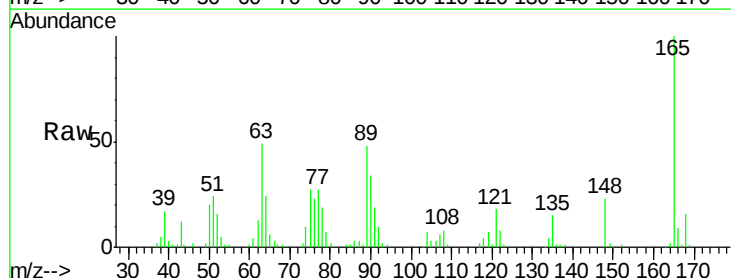
Manual Integrations
APPROVED

mohammad
5/22/2017 1:30:17 PM



#50
2,6-Dinitrotoluene
Concen: 42.19 ng
RT: 12.35 min Scan# 1770
Delta R.T. -0.01 min
Lab File: BF095288.D
Acq: 20 May 2017 6:12

Tgt Ion	Ratio	Resp Lower	Resp Upper
165	100		
63	48.9	34.3	51.5
89	47.7	37.1	55.7





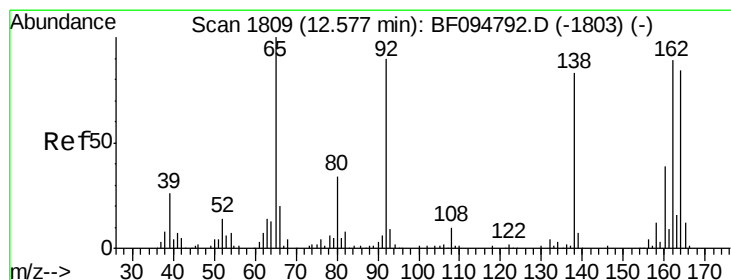
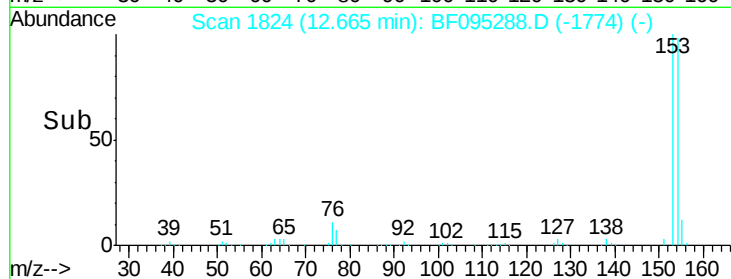
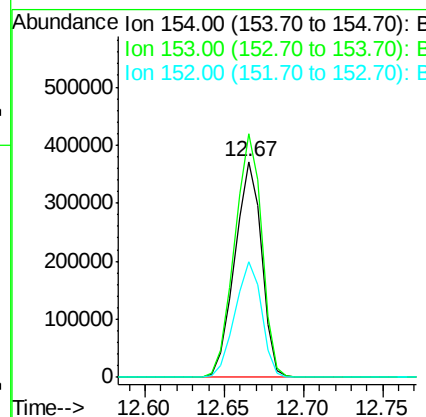
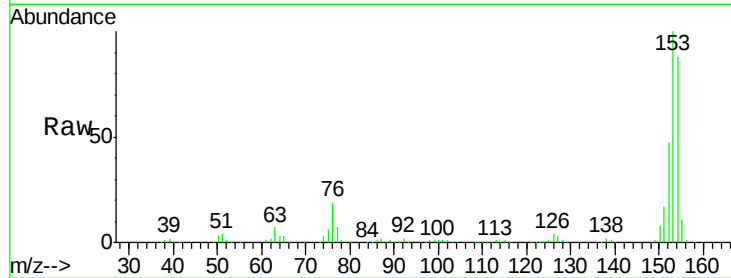
#51
Acenaphthene
Concen: 39.89 ng
RT: 12.67 min Scan# 1824
Delta R.T. -0.01 min
Lab File: BF095288.D
Acq: 20 May 2017 6:12

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
154	100		
153	113.0	90.5	135.7
152	53.6	43.6	65.4

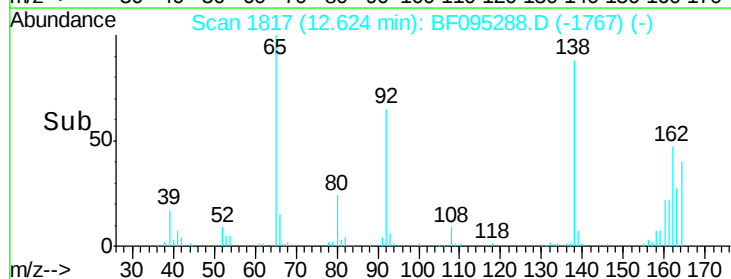
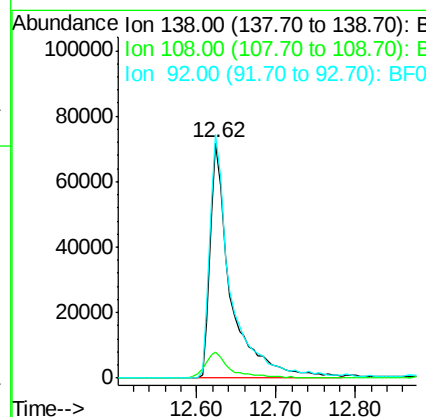
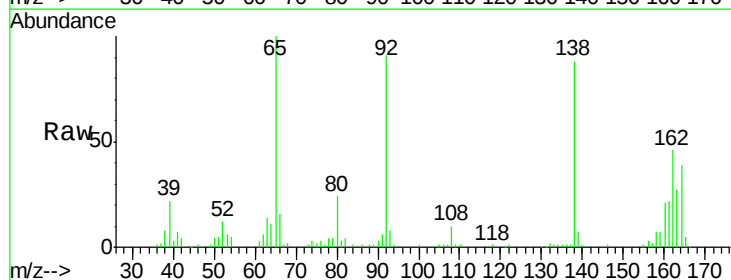
Manual Integrations
APPROVED

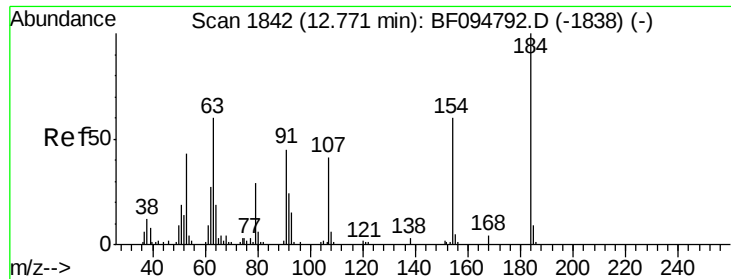
mohammad
5/22/2017 1:30:17 PM



#52
3-Nitroaniline
Concen: 42.66 ng
RT: 12.62 min Scan# 1817
Delta R.T. -0.01 min
Lab File: BF095288.D
Acq: 20 May 2017 6:12

Tgt Ion	Ratio	Lower	Upper
138	100		
108	11.3	9.1	13.7
92	103.7	93.8	140.6





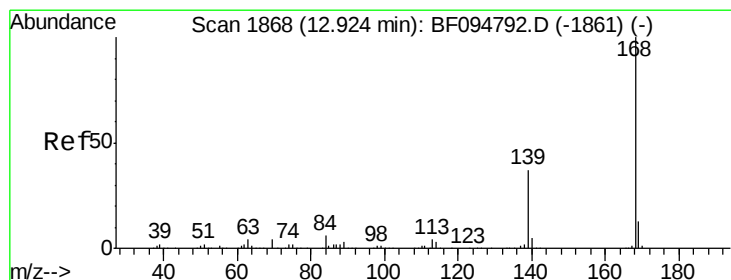
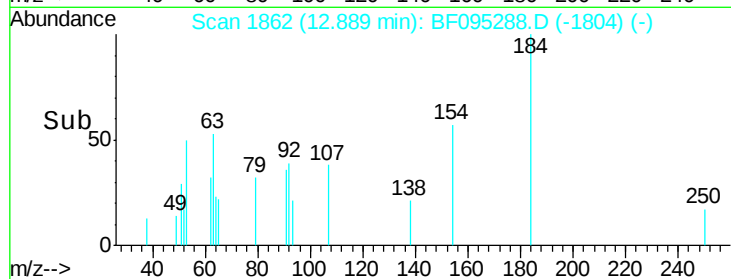
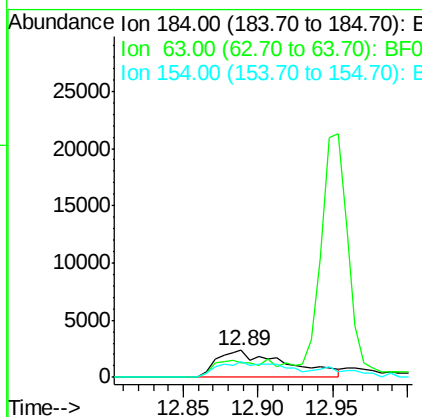
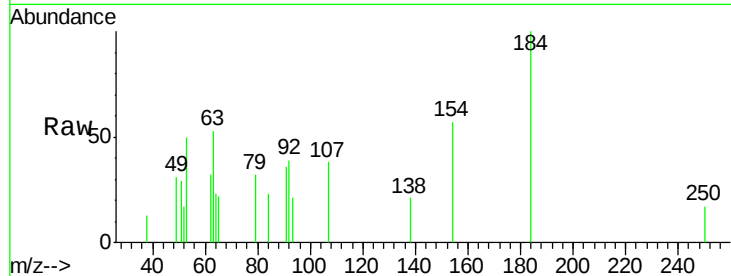
#53
2,4-Dinitrophenol
Concen: 10.70 ng
RT: 12.89 min Scan# 1862
Delta R.T. 0.04 min
Lab File: BF095288.D
Acq: 20 May 2017 6:12

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:184 Resp: 7676
Ion Ratio Lower Upper
184 100
63 53.0 62.7 94.1#
154 56.7 81.1 121.7#

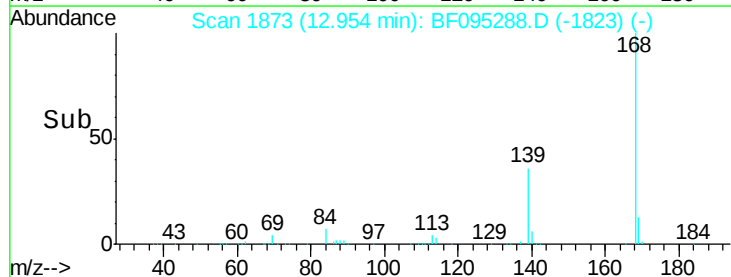
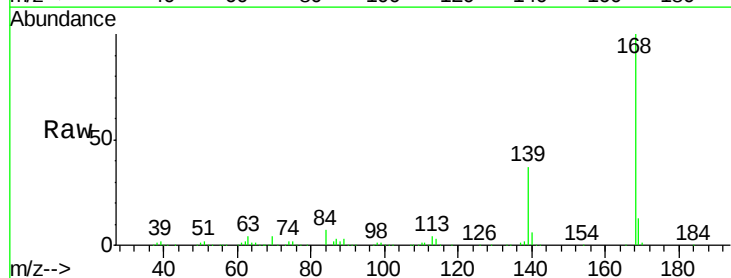
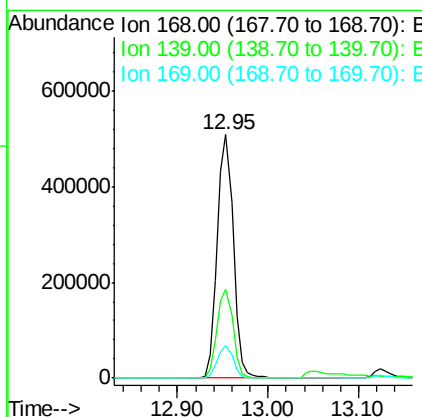
Manual Integrations
APPROVED

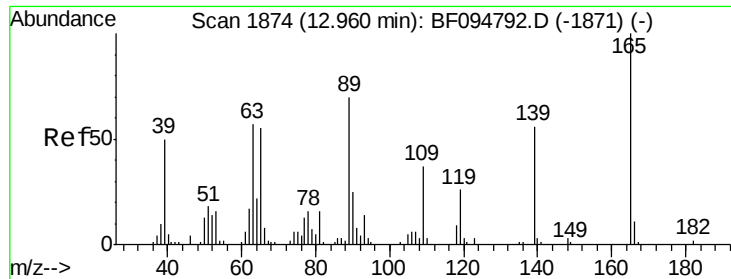
mohammad
5/22/2017 1:30:17 PM



#54
Dibenzofuran
Concen: 41.04 ng
RT: 12.95 min Scan# 1873
Delta R.T. -0.01 min
Lab File: BF095288.D
Acq: 20 May 2017 6:12

Tgt Ion:168 Resp: 621831
Ion Ratio Lower Upper
168 100
139 36.6 30.6 45.8
169 13.5 10.8 16.2





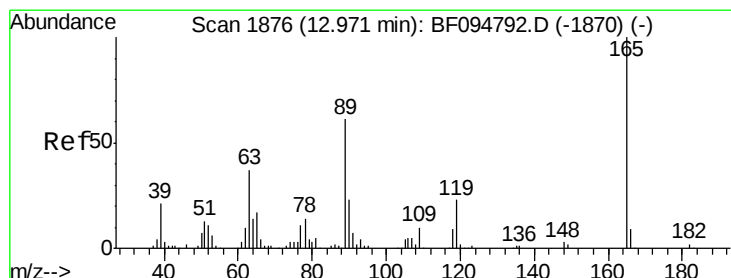
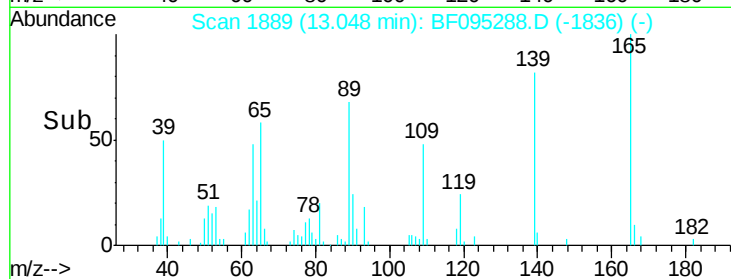
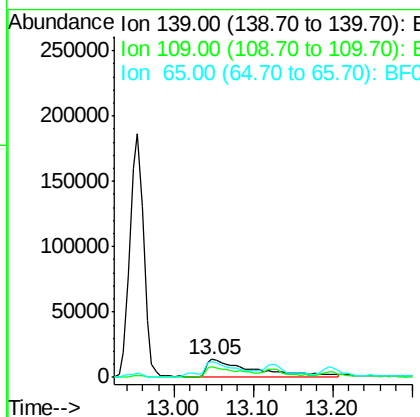
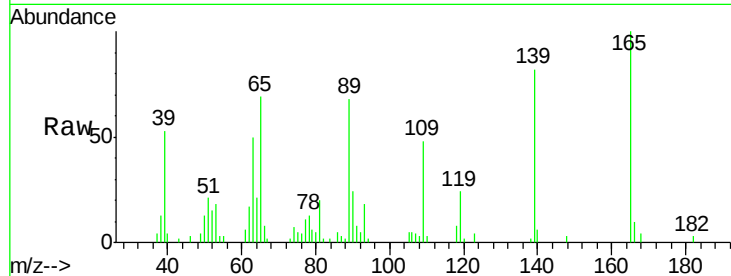
#55
4-Nitrophenol
Concen: 29.33 ng
RT: 13.05 min Scan# 1889
Delta R.T. 0.01 min
Lab File: BF095288.D
Acq: 20 May 2017 6:12

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	54527		
109	58.8	34.1	74.1	
65	84.1	31.4	71.4	

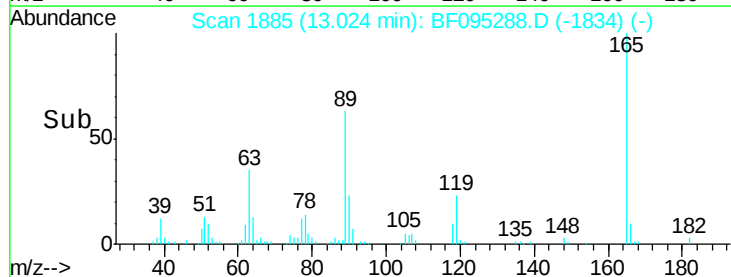
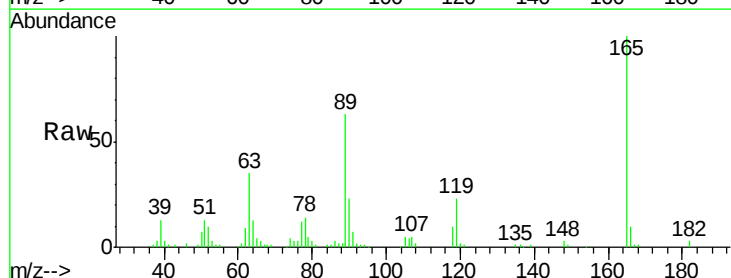
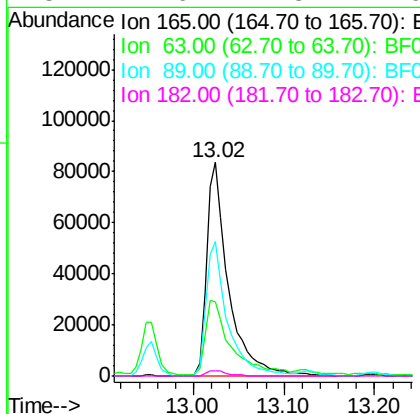
Manual Integrations
APPROVED

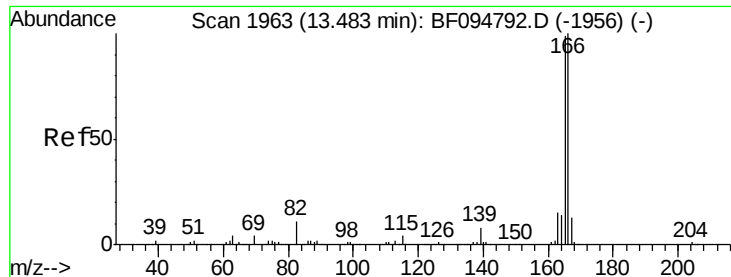
mohammad
5/22/2017 1:30:17 PM



#56
2,4-Dinitrotoluene
Concen: 37.85 ng
RT: 13.02 min Scan# 1885
Delta R.T. -0.00 min
Lab File: BF095288.D
Acq: 20 May 2017 6:12

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	140262		
63	35.1	25.4	38.0	
89	62.8	46.4	69.6	
182	2.6	1.8	2.6	





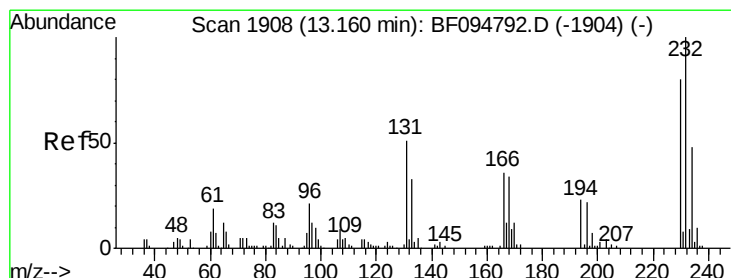
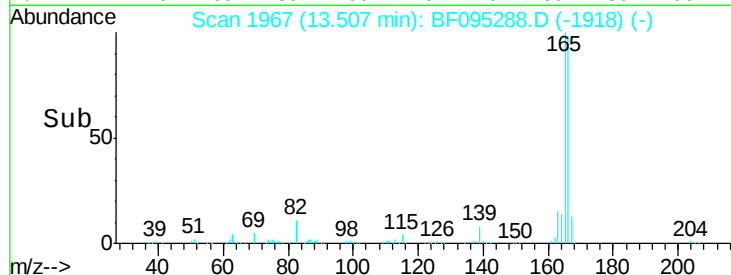
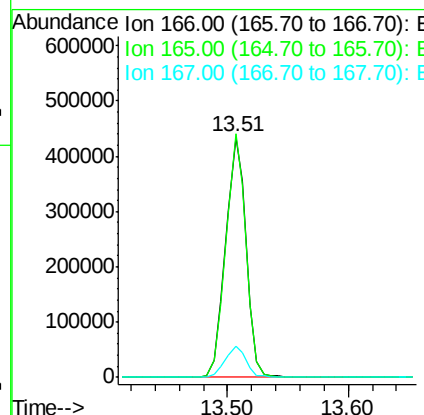
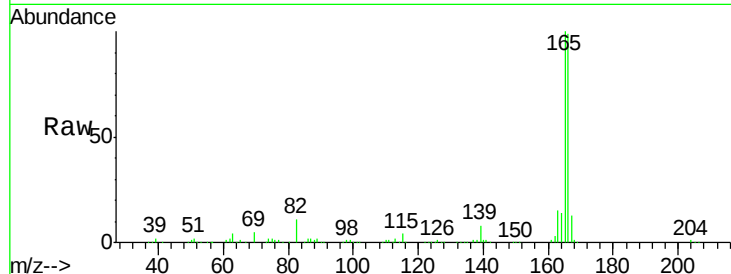
#57
 Fluorene
 Concen: 38.48 ng
 RT: 13.51 min Scan# 1967
 Delta R.T. -0.01 min
 Lab File: BF095288.D
 Acq: 20 May 2017 6:12

Instrument :
 BNA_F
 ClientSampleId :
 SSTCCCC040

Tgt Ion	Ratio	Lower	Upper
166	100		
165	101.5	78.8	118.2
167	13.1	10.6	16.0

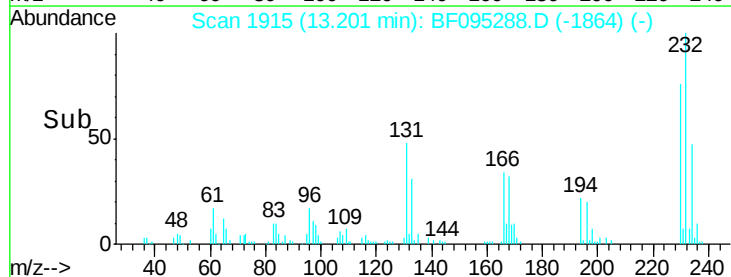
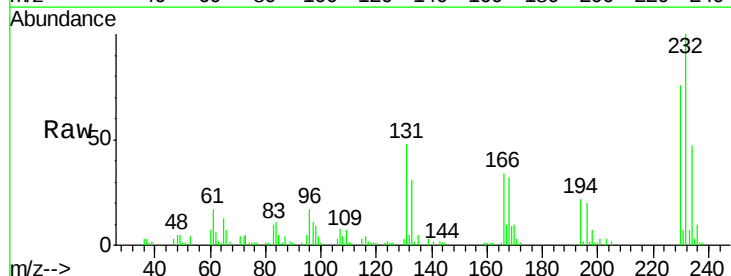
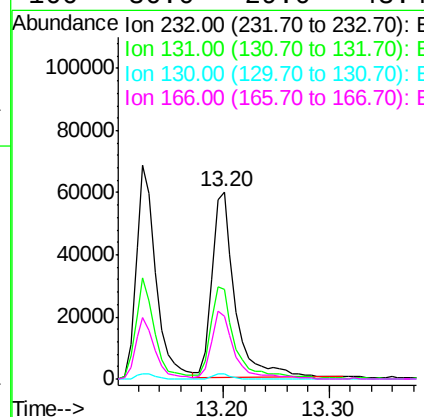
Manual Integrations
 APPROVED

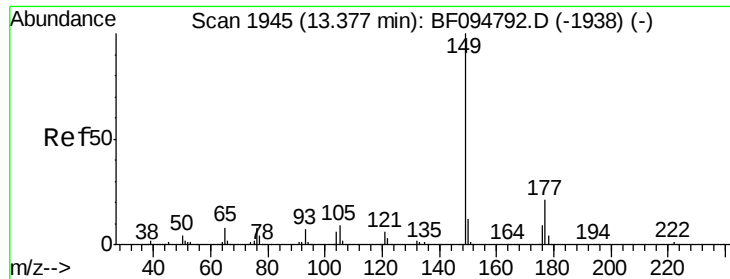
mohammad
 5/22/2017 1:30:17 PM



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 38.73 ng
 RT: 13.20 min Scan# 1915
 Delta R.T. -0.00 min
 Lab File: BF095288.D
 Acq: 20 May 2017 6:12

Tgt Ion	Ratio	Lower	Upper
232	100		
131	51.7	44.8	67.2
130	2.2	2.3	3.5#
166	36.0	29.0	43.4





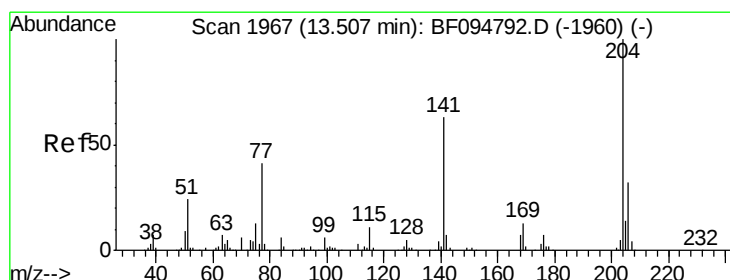
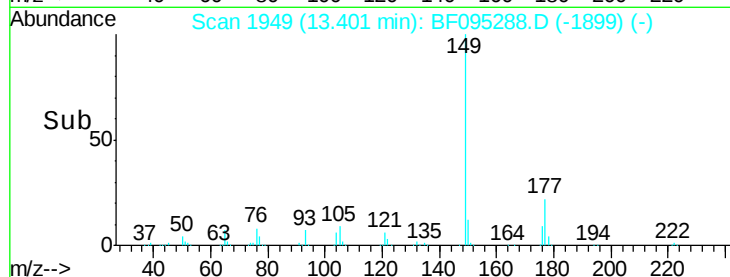
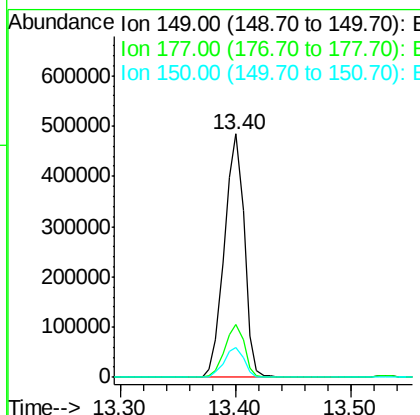
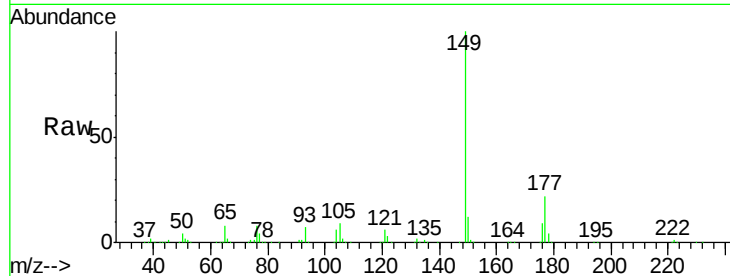
#59
Diethylphthalate
Concen: 42.70 ng
RT: 13.40 min Scan# 1949
Delta R.T. -0.01 min
Lab File: BF095288.D
Acq: 20 May 2017 6:12

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
149	100		
177	21.6	16.7	25.1
150	12.1	10.2	15.2

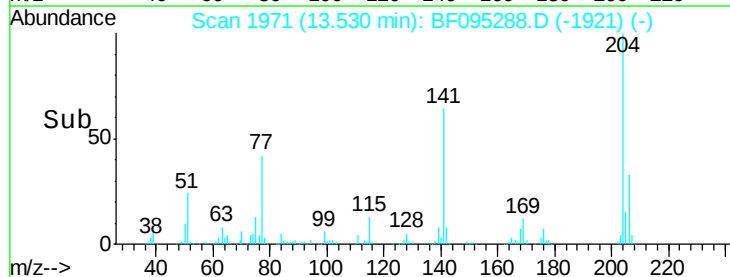
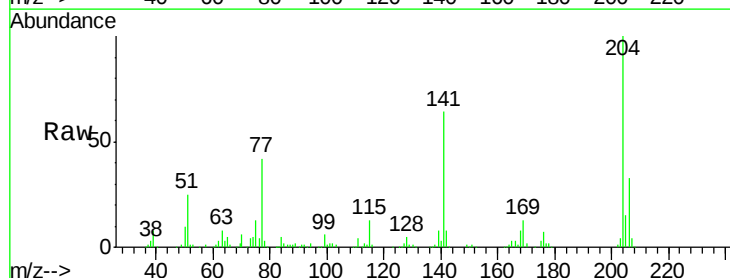
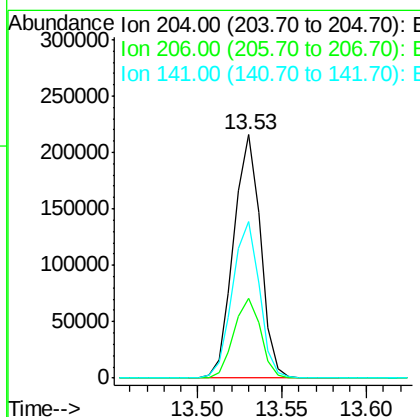
Manual Integrations
APPROVED

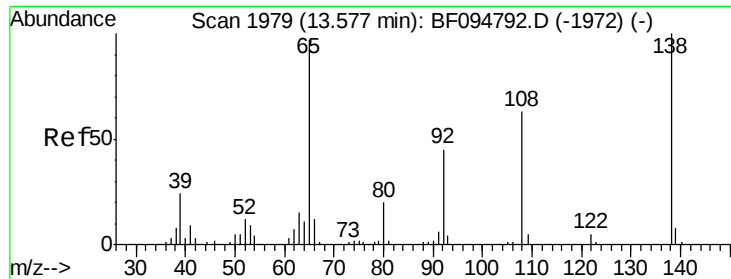
mohammad
5/22/2017 1:30:17 PM



#60
4-Chlorophenyl-phenylether
Concen: 41.39 ng
RT: 13.53 min Scan# 1971
Delta R.T. -0.01 min
Lab File: BF095288.D
Acq: 20 May 2017 6:12

Tgt Ion	Ratio	Lower	Upper
204	100		
206	32.7	26.2	39.2
141	64.1	60.8	91.2





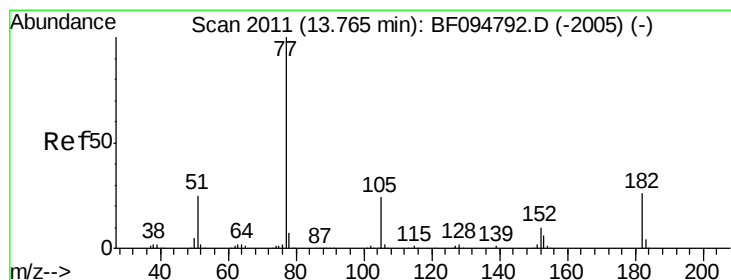
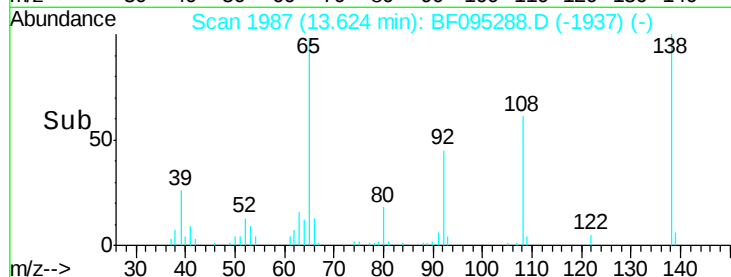
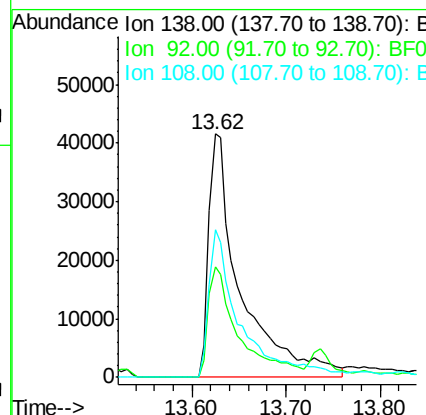
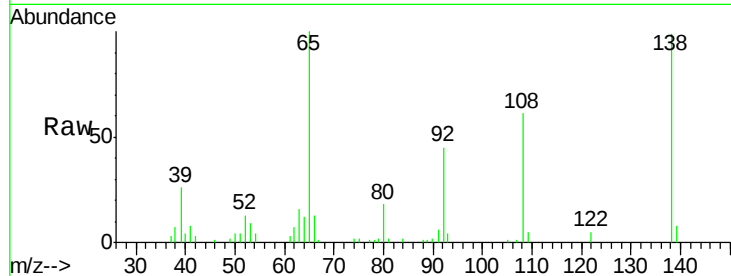
#61
4-Nitroaniline
Concen: 34.63 ng
RT: 13.62 min Scan# 1987
Delta R.T. -0.01 min
Lab File: BF095288.D
Acq: 20 May 2017 6:12

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
138	100		
92	45.2	21.8	61.8
108	60.9	42.3	82.3

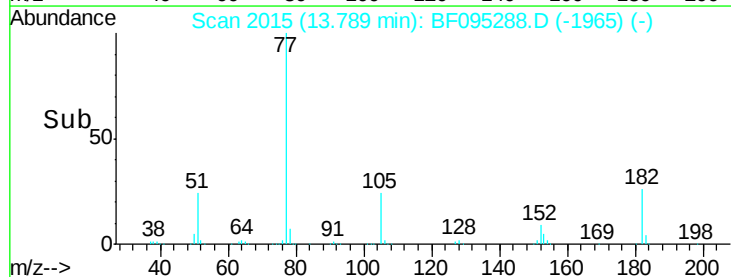
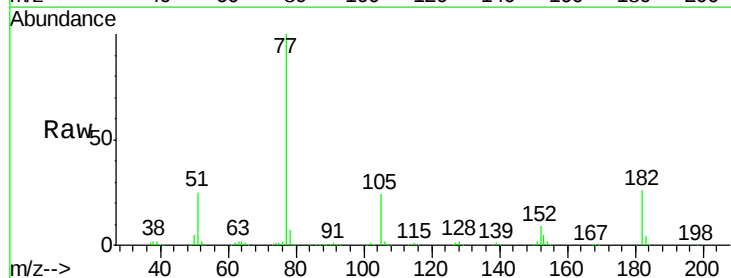
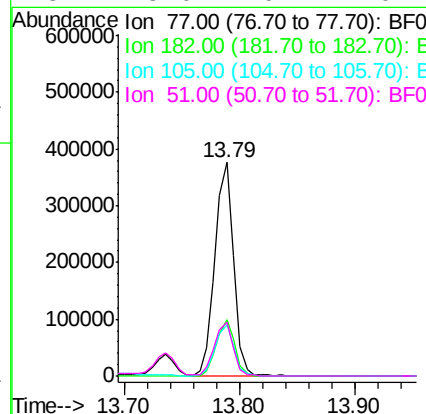
Manual Integrations
APPROVED

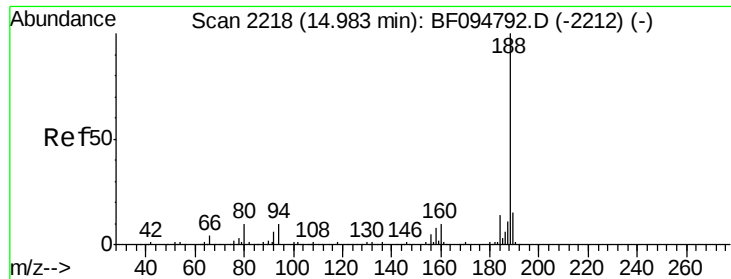
mohammad
5/22/2017 1:30:17 PM



#62
Azobenzene
Concen: 38.84 ng
RT: 13.79 min Scan# 2015
Delta R.T. -0.01 min
Lab File: BF095288.D
Acq: 20 May 2017 6:12

Tgt Ion	Ratio	Lower	Upper
77	100		
182	26.1	0.1	40.1
105	24.1	3.6	43.6
51	25.0	9.4	49.4





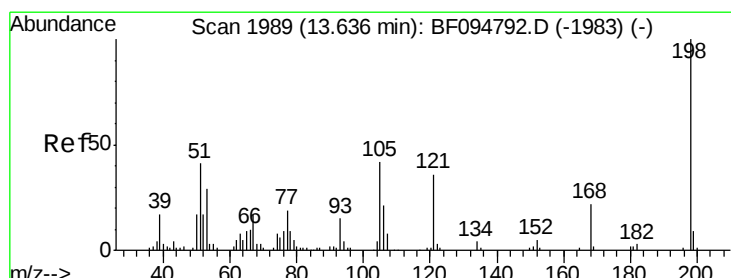
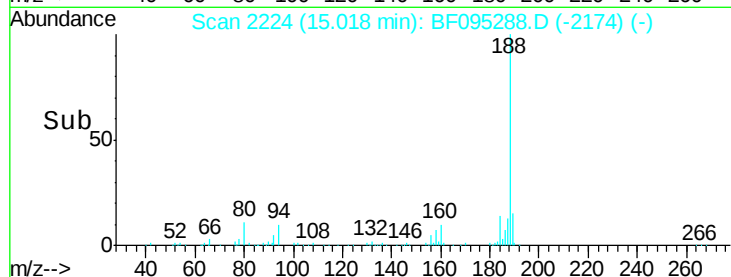
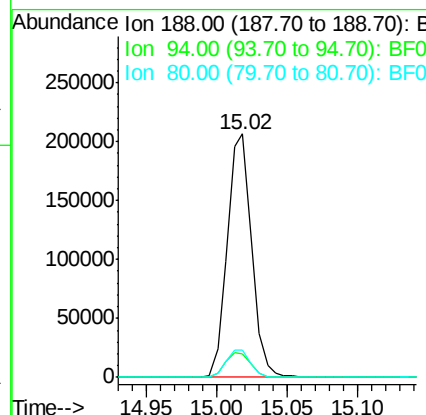
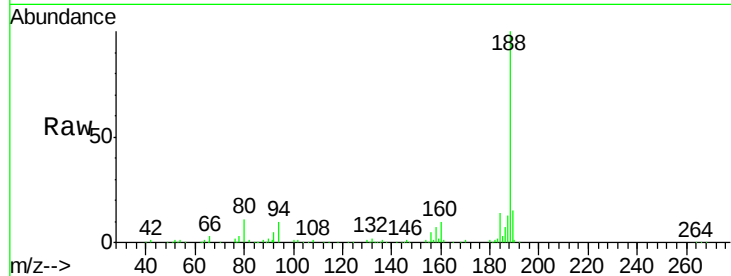
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 15.02 min Scan# 2224
Delta R.T. -0.01 min
Lab File: BF095288.D
Acq: 20 May 2017 6:12

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	246877		
94	9.8		9.4	14.2
80	11.0		10.2	15.2

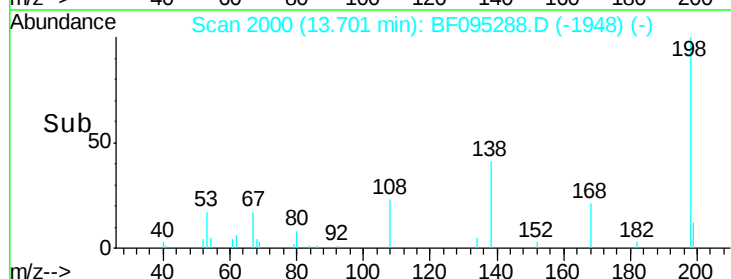
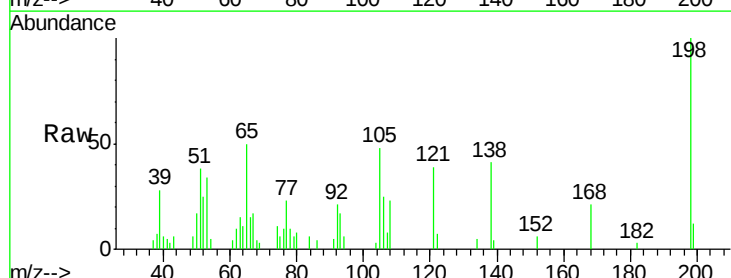
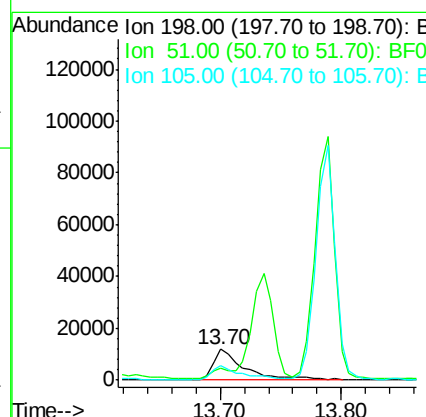
Manual Integrations
APPROVED

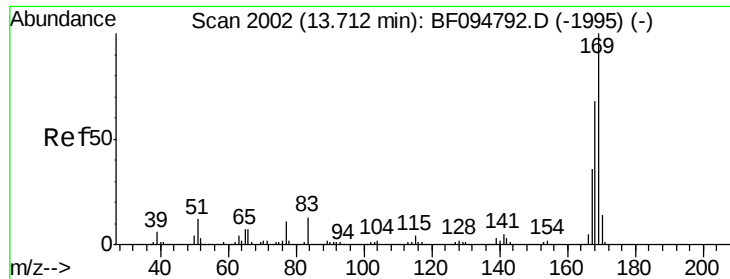
mohammad
5/22/2017 1:30:17 PM



#64
4,6-Dinitro-2-methylphenol
Concen: 12.70 ng
RT: 13.70 min Scan# 2000
Delta R.T. 0.01 min
Lab File: BF095288.D
Acq: 20 May 2017 6:12

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	21026		
51	38.0		53.2	93.2#
105	47.8		45.8	85.8





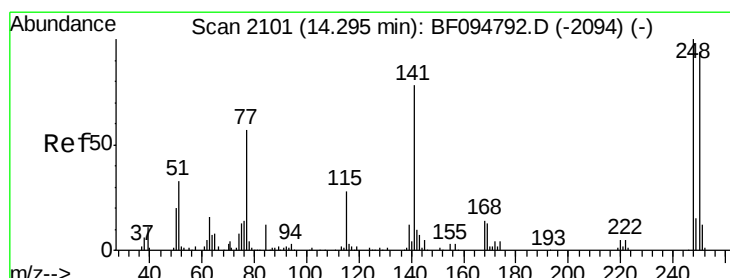
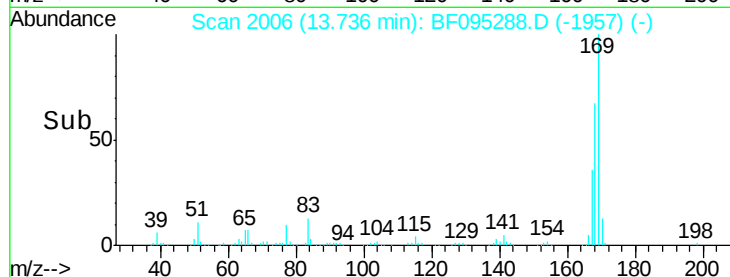
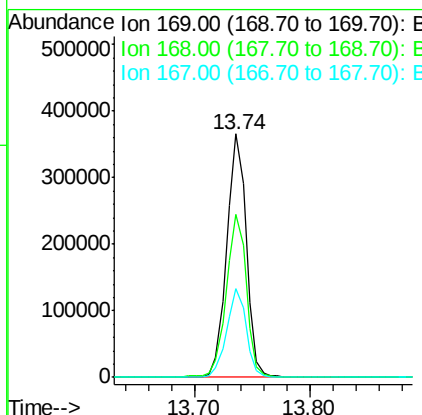
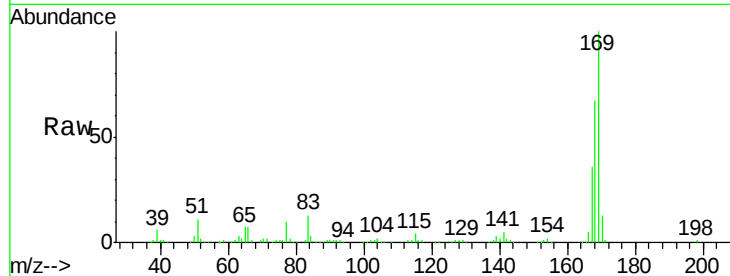
#65
 n-Nitrosodiphenylamine
 Concen: 48.01 ng
 RT: 13.74 min Scan# 2006
 Delta R.T. -0.01 min
 Lab File: BF095288.D
 Acq: 20 May 2017 6:12

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	430194		
168	66.9	53.2	79.8	
167	36.2	29.5	44.3	

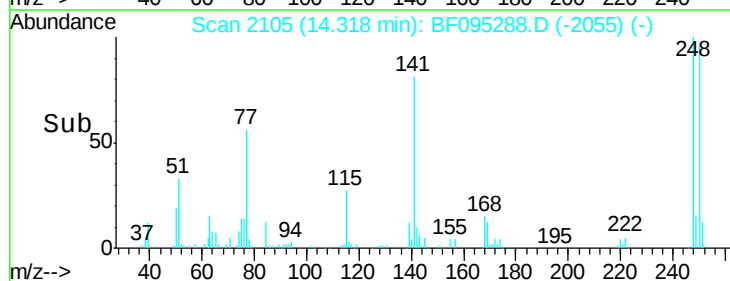
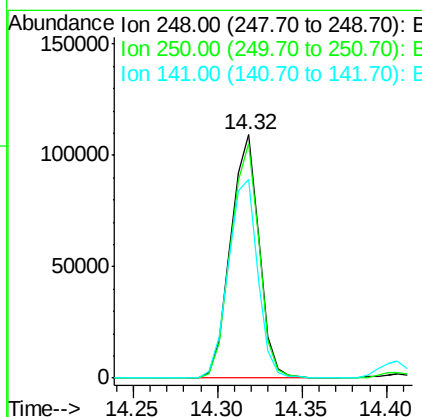
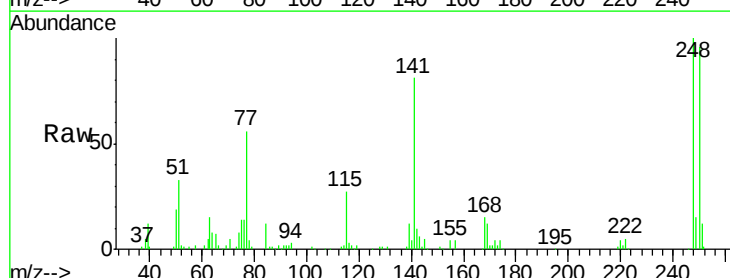
Manual Integrations
 APPROVED

mohammad
 5/22/2017 1:30:17 PM



#66
 4-Bromophenyl-phenylether
 Concen: 49.01 ng
 RT: 14.32 min Scan# 2105
 Delta R.T. -0.01 min
 Lab File: BF095288.D
 Acq: 20 May 2017 6:12

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	127822		
250	96.2	76.8	115.2	
141	81.4	68.6	103.0	





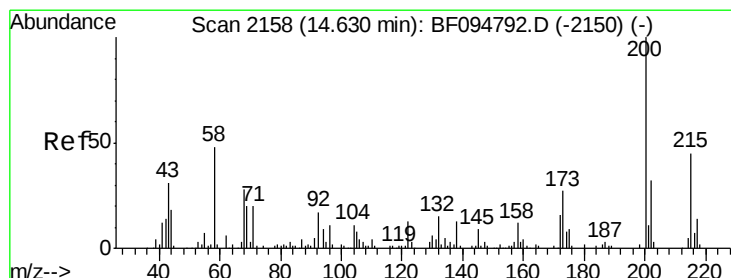
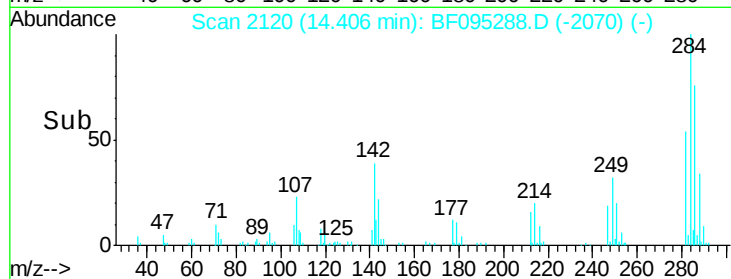
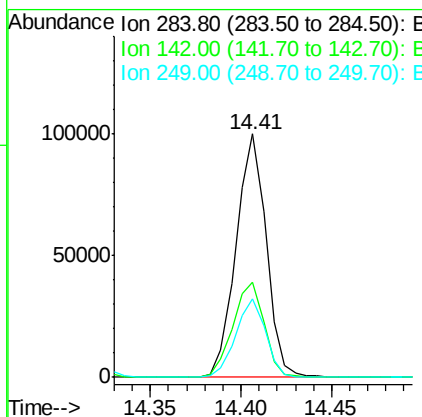
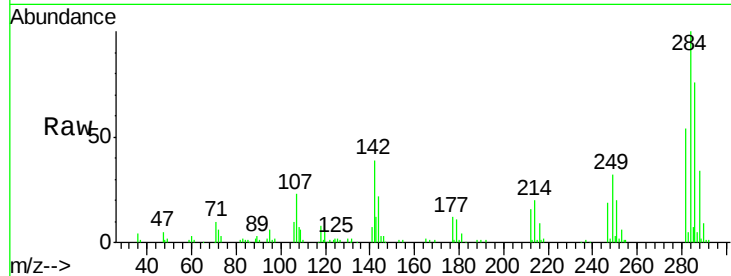
#67
Hexachlorobenzene
Concen: 43.28 ng
RT: 14.41 min Scan# 2120
Delta R.T. -0.01 min
Lab File: BF095288.D
Acq: 20 May 2017 6:12

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
284	100	115701		
142	39.3	22.8	34.2	#
249	32.2	24.0	36.0	

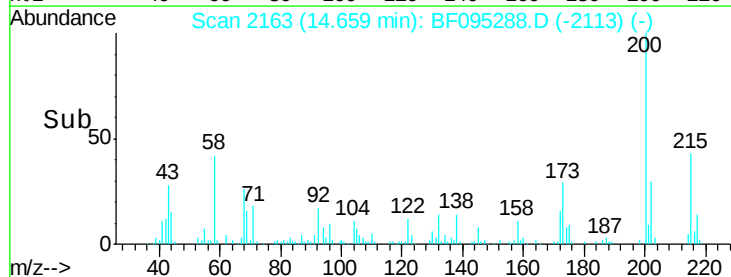
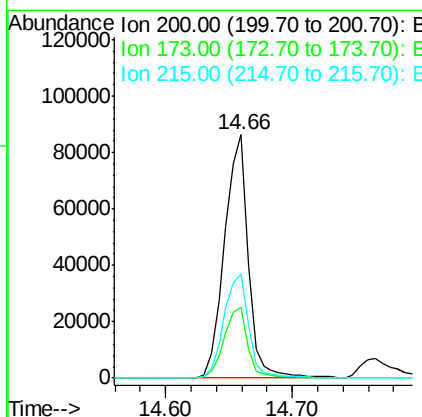
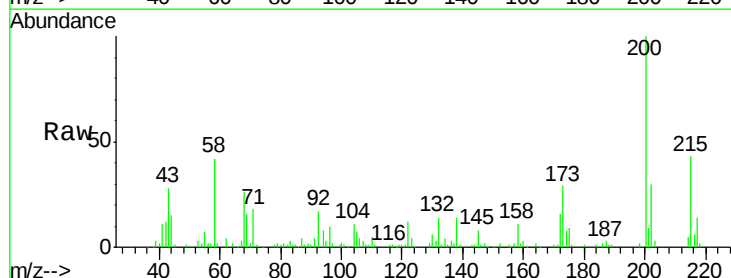
Manual Integrations
APPROVED

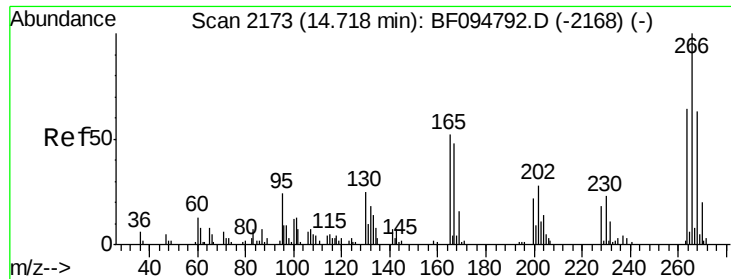
mohammad
5/22/2017 1:30:17 PM



#68
Atrazine
Concen: 44.27 ng
RT: 14.66 min Scan# 2163
Delta R.T. -0.01 min
Lab File: BF095288.D
Acq: 20 May 2017 6:12

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	111986		
173	28.9	6.3	46.3	
215	42.7	27.2	67.2	





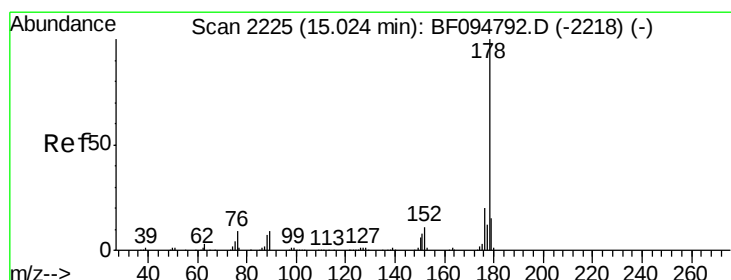
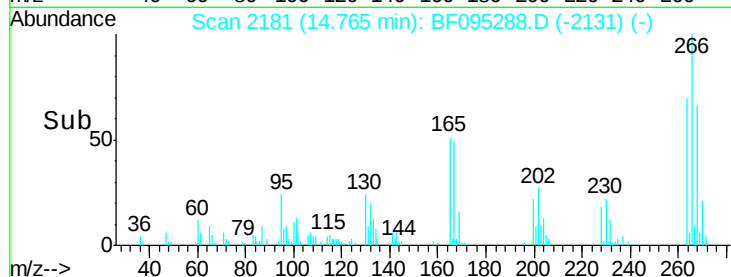
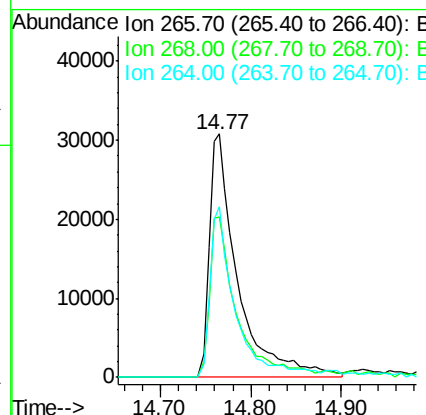
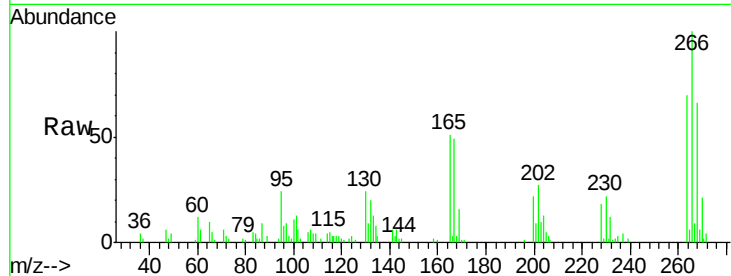
#69
 Pentachlorophenol
 Concen: 57.20 ng
 RT: 14.77 min Scan# 2181
 Delta R.T. -0.01 min
 Lab File: BF095288.D
 Acq: 20 May 2017 6:12

Instrument :
 BNA_F
 ClientSampled :
 SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	66955		
268	65.9		51.1	76.7
264	69.9		51.7	77.5

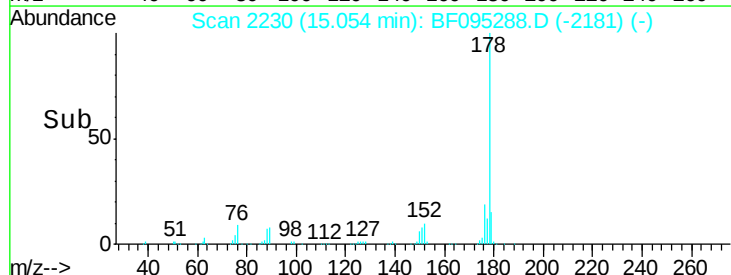
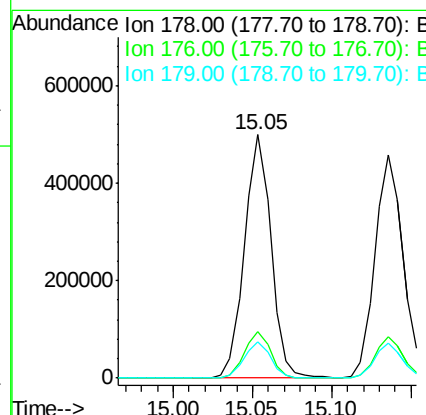
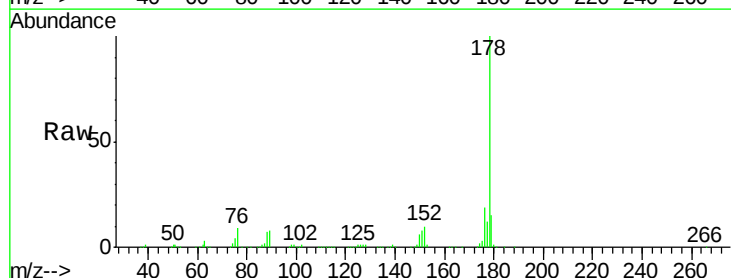
Manual Integrations
 APPROVED

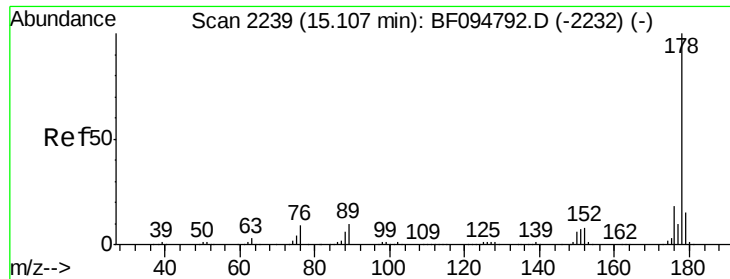
mohammad
 5/22/2017 1:30:17 PM



#70
 Phenanthrene
 Concen: 40.98 ng
 RT: 15.05 min Scan# 2230
 Delta R.T. -0.01 min
 Lab File: BF095288.D
 Acq: 20 May 2017 6:12

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	581262		
176	19.1		16.2	24.4
179	14.9		12.6	19.0





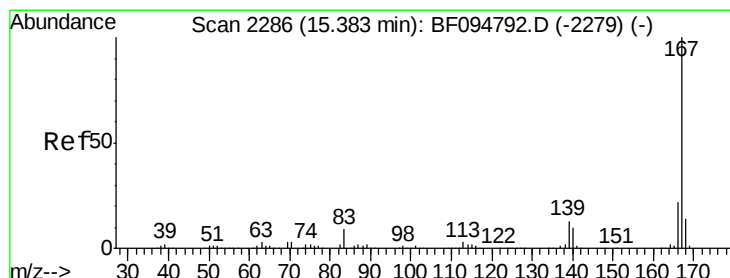
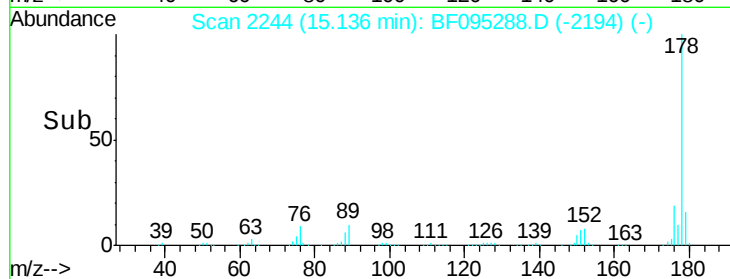
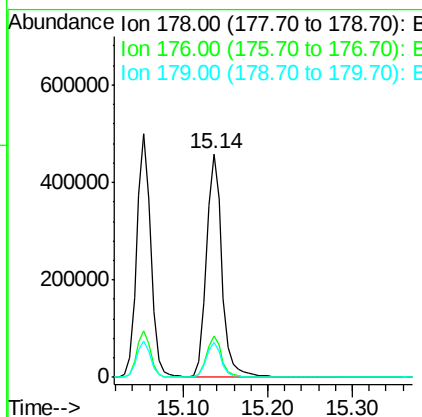
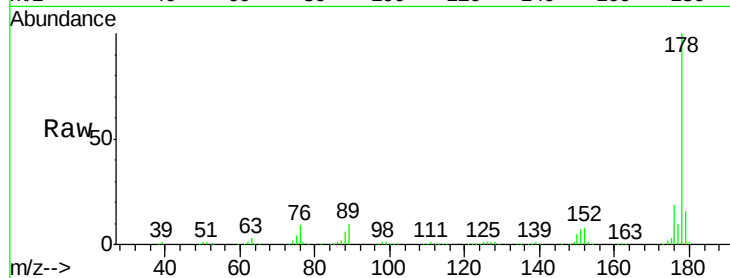
#71
 Anthracene
 Concen: 40.78 ng
 RT: 15.14 min Scan# 2244
 Delta R.T. -0.01 min
 Lab File: BF095288.D
 Acq: 20 May 2017 6:12

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	590935		
176	18.7	15.8	23.8	
179	15.8	12.7	19.1	

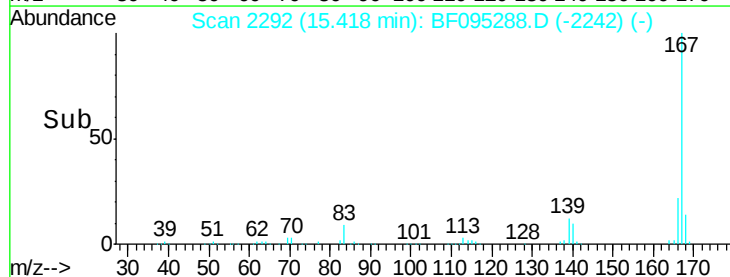
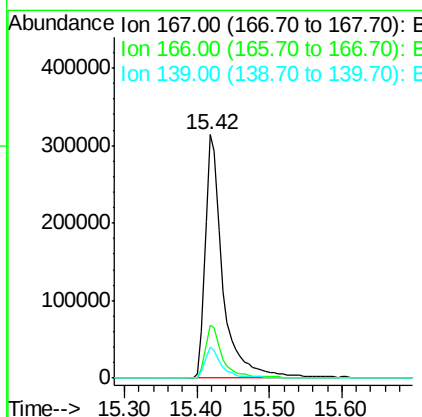
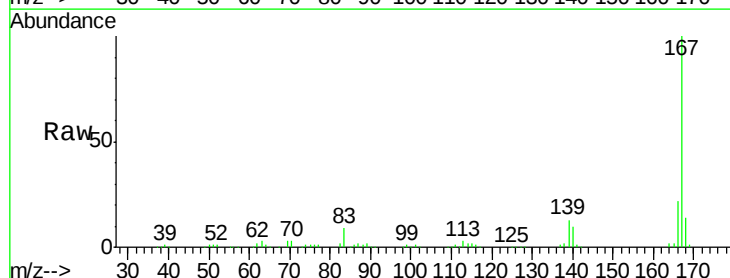
Manual Integrations
 APPROVED

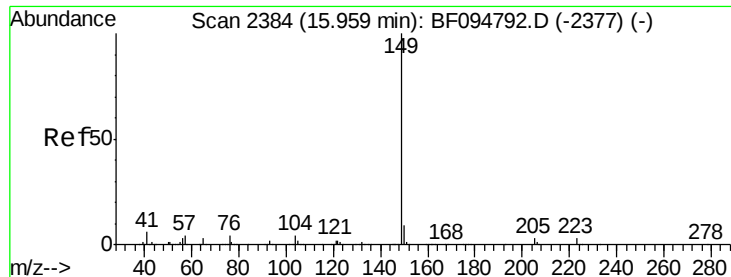
mohammad
 5/22/2017 1:30:17 PM



#72
 Carbazole
 Concen: 40.28 ng
 RT: 15.42 min Scan# 2292
 Delta R.T. -0.01 min
 Lab File: BF095288.D
 Acq: 20 May 2017 6:12

Tgt Ion	Ratio	Resp	Lower	Upper
167	100	530974		
166	21.6	18.1	27.1	
139	12.8	11.7	17.5	





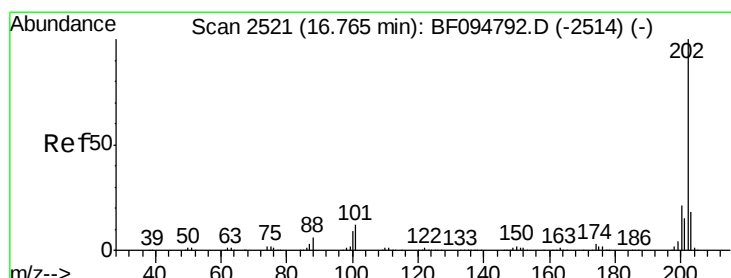
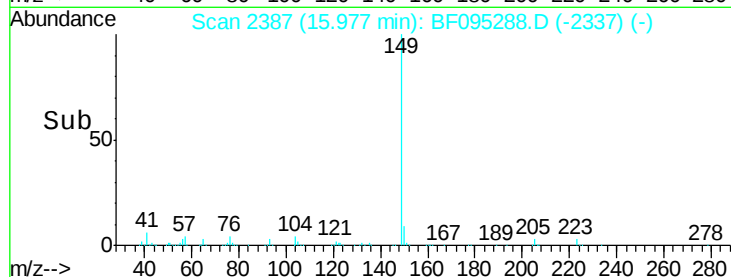
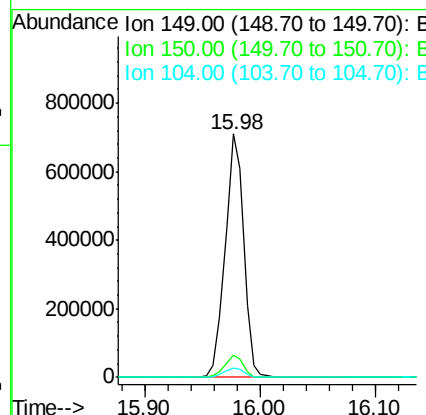
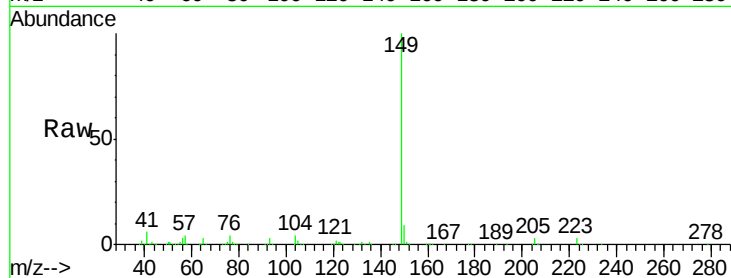
#73
 Di-n-butylphthalate
 Concen: 48.14 ng
 RT: 15.98 min Scan# 2387
 Delta R.T. -0.01 min
 Lab File: BF095288.D
 Acq: 20 May 2017 6:12

Instrument :
 BNA_F
 ClientSampleId :
 SSTCCCC040

Tgt Ion	Ratio	Resp Lower	Resp Upper
149	100		
150	9.0	7.7	11.5
104	4.1	4.0	6.0

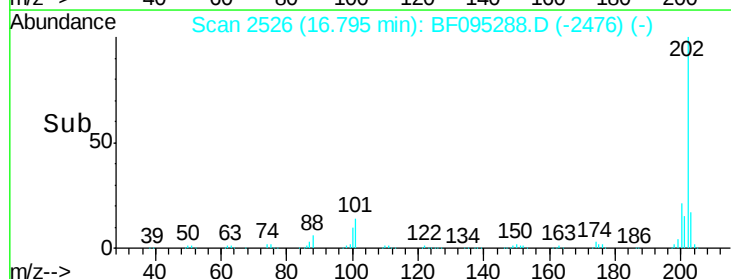
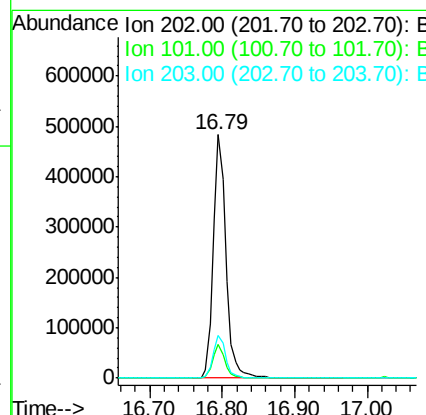
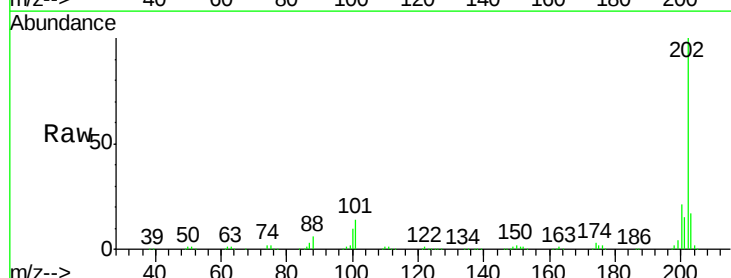
Manual Integrations
 APPROVED

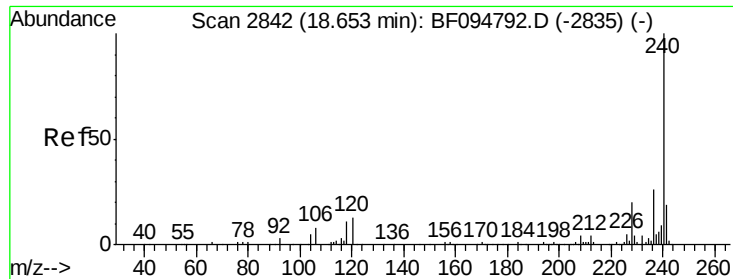
mohammad
 5/22/2017 1:30:17 PM



#74
 Fluoranthene
 Concen: 40.56 ng
 RT: 16.79 min Scan# 2526
 Delta R.T. -0.01 min
 Lab File: BF095288.D
 Acq: 20 May 2017 6:12

Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	13.9	0.0	33.2
203	17.3	0.0	38.1





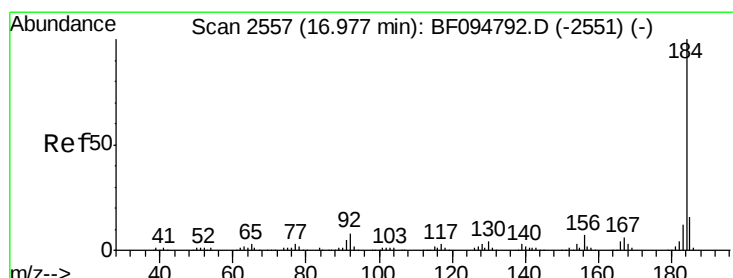
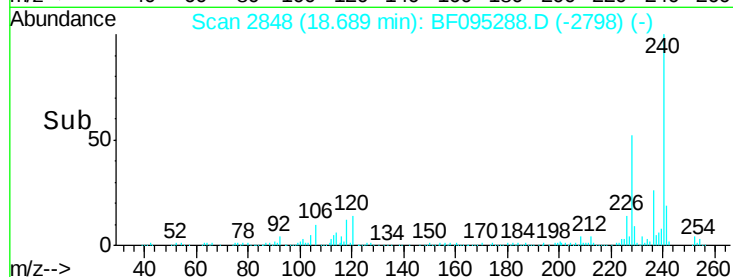
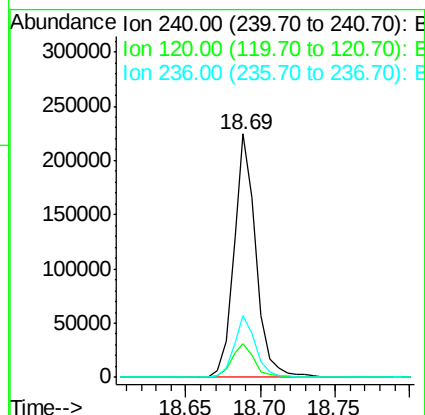
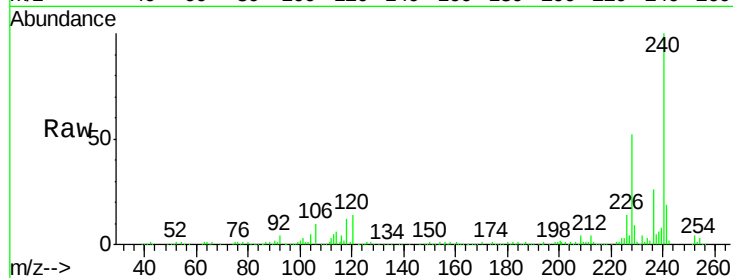
#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 18.69 min Scan# 2848
 Delta R.T. -0.01 min
 Lab File: BF095288.D
 Acq: 20 May 2017 6:12

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
240	100		
120	13.7	5.8	8.8#
236	25.7	20.5	30.7

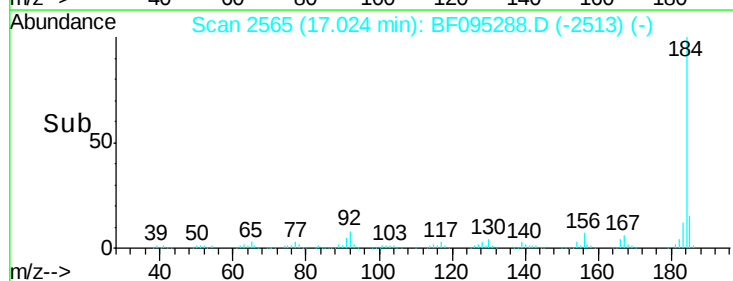
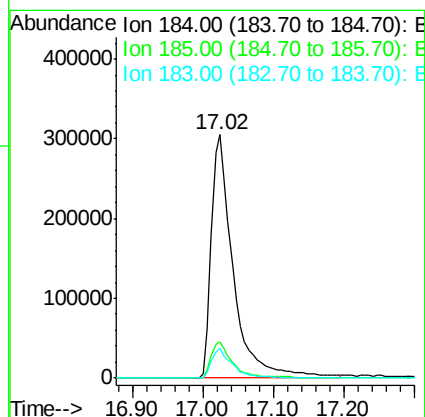
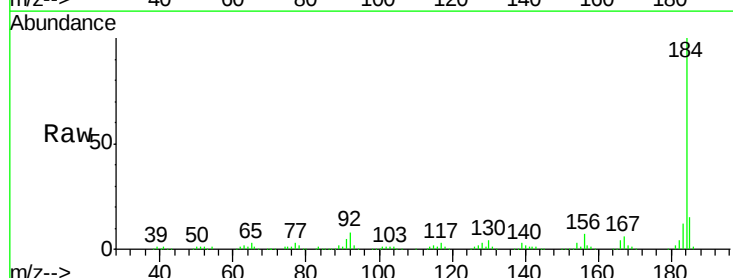
Manual Integrations
 APPROVED

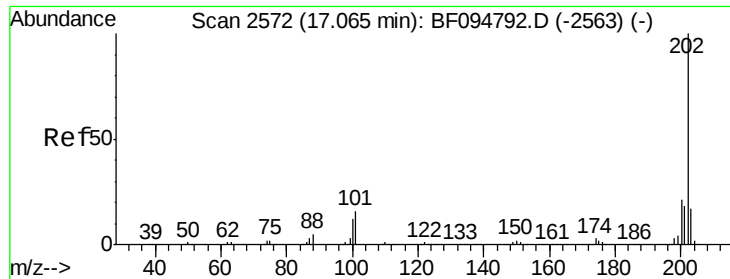
mohammad
 5/22/2017 1:30:17 PM



#76
 Benzidine
 Concen: 97.48 ng
 RT: 17.02 min Scan# 2565
 Delta R.T. 0.01 min
 Lab File: BF095288.D
 Acq: 20 May 2017 6:12

Tgt Ion	Ratio	Lower	Upper
184	100		
185	14.9	15.5	23.3#
183	12.4	9.8	14.6





#77

Pyrene

Concen: 34.80 ng

RT: 17.10 min Scan# 2578

Delta R.T. -0.01 min

Lab File: BF095288.D

Acq: 20 May 2017 6:12

Instrument :

BNA_F

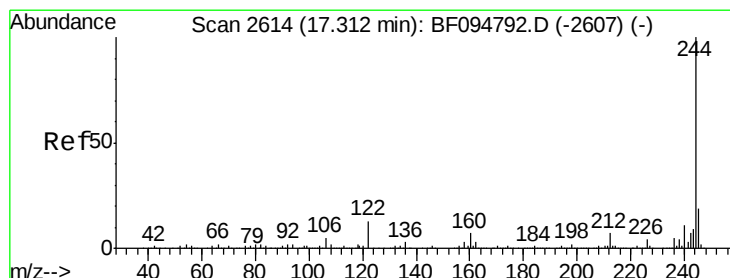
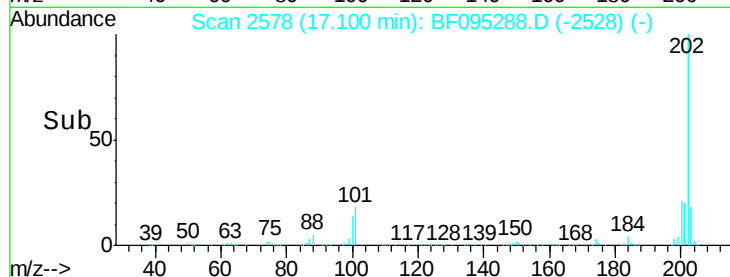
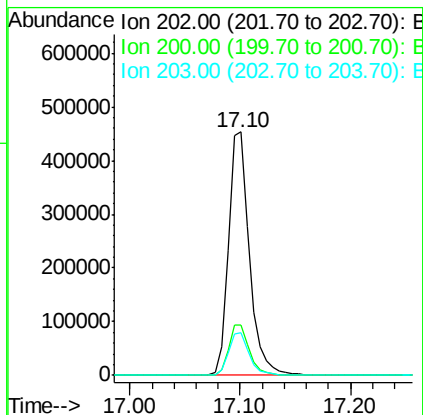
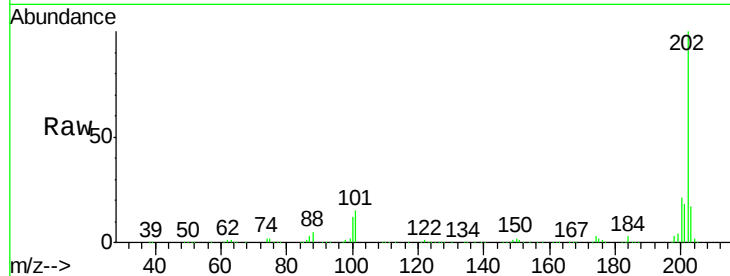
ClientSampleId :

SSTDCCC040

Tgt Ion:	202	Resp:	603952
Ion Ratio		Lower	Upper
202	100		
200	20.6	17.6	26.4
203	17.4	14.4	21.6

Manual Integrations
APPROVED

mohammad
5/22/2017 1:30:17 PM



#78

Terphenyl-d14

Concen: 68.70 ng

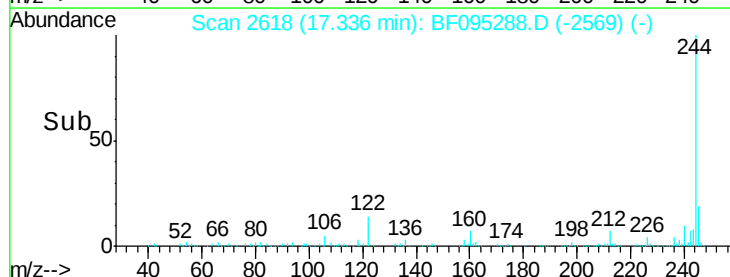
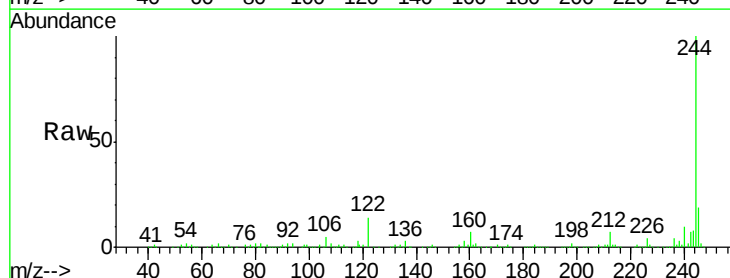
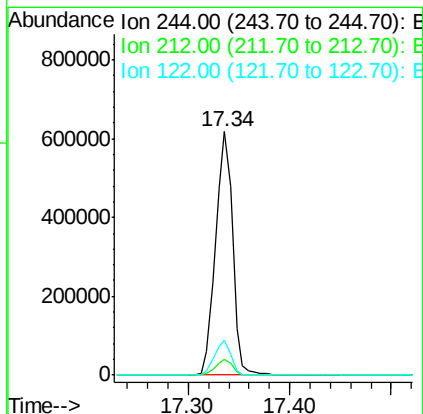
RT: 17.34 min Scan# 2618

Delta R.T. -0.01 min

Lab File: BF095288.D

Acq: 20 May 2017 6:12

Tgt Ion:	244	Resp:	723820
Ion Ratio		Lower	Upper
244	100		
212	6.5	6.0	9.0
122	14.4	10.3	15.5





#79

Butylbenzylphthalate

Concen: 35.60 ng

RT: 17.99 min Scan# 2730

Delta R.T. -0.01 min

Lab File: BF095288.D

Acq: 20 May 2017 6:12

Instrument :

BNA_F

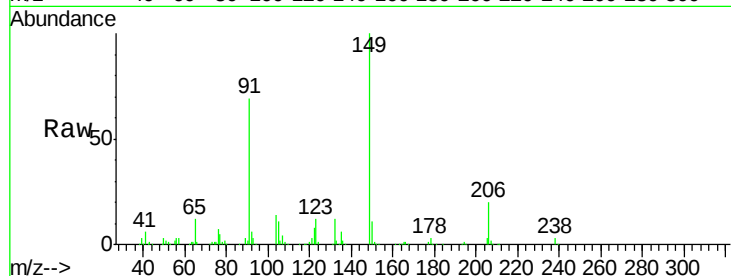
ClientSampleId :

SSTDCCC040

Tgt Ion:	149	Resp:	287335
Ion Ratio	Lower	Upper	
149	100		
91	69.2	45.0	67.4#
206	19.6	17.0	25.6

Manual Integrations
APPROVED

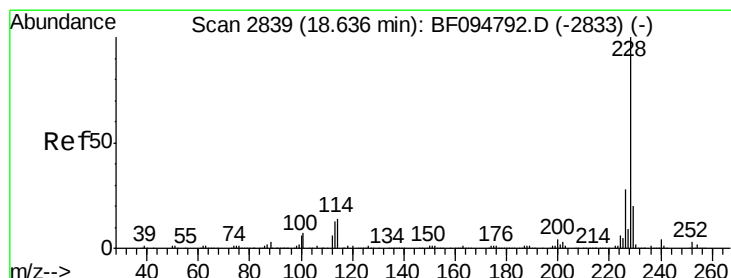
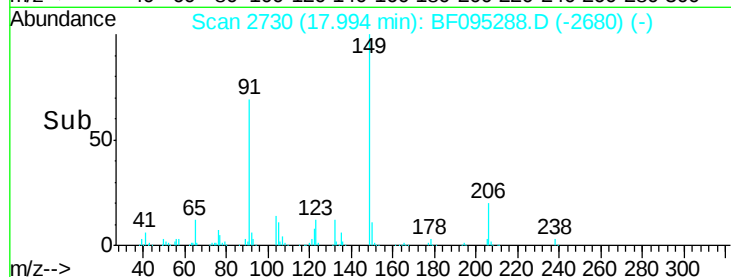
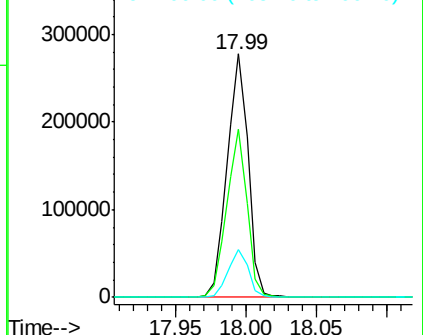
mohammad
5/22/2017 1:30:17 PM



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: 38.87 ng

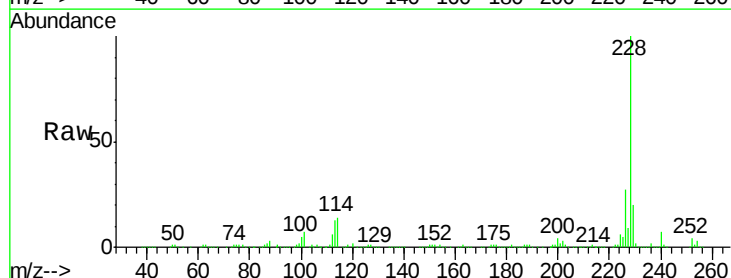
RT: 18.68 min Scan# 2846

Delta R.T. -0.01 min

Lab File: BF095288.D

Acq: 20 May 2017 6:12

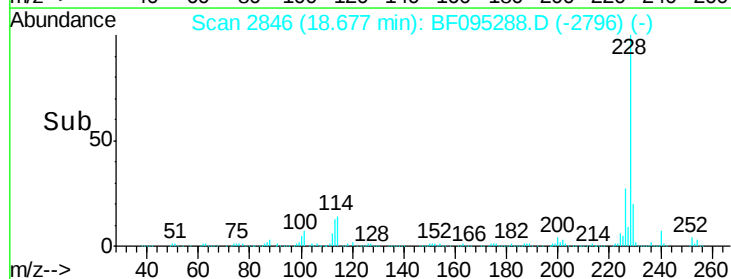
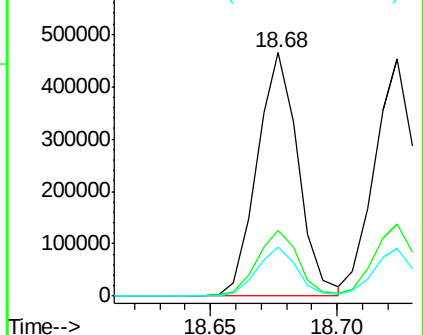
Tgt Ion:	228	Resp:	524954
Ion Ratio	Lower	Upper	
228	100		
226	27.0	22.6	33.8
229	20.2	16.3	24.5



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





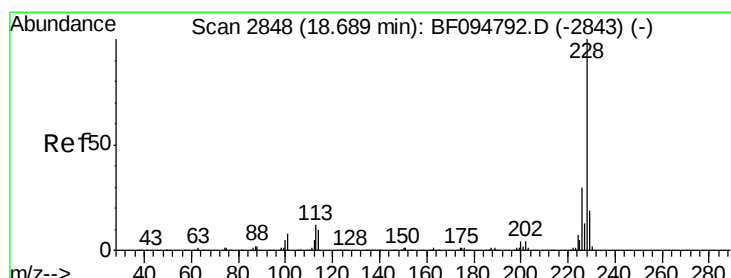
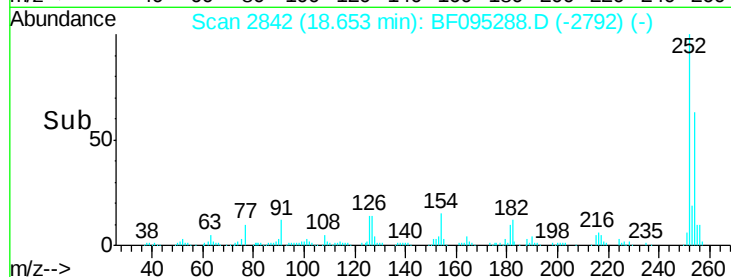
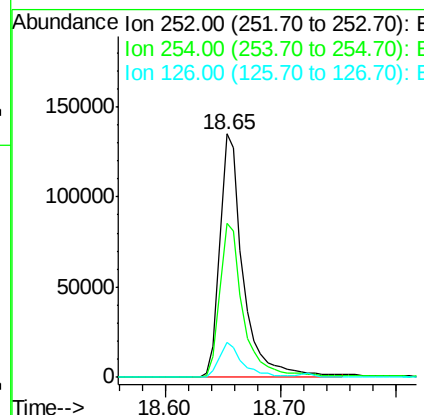
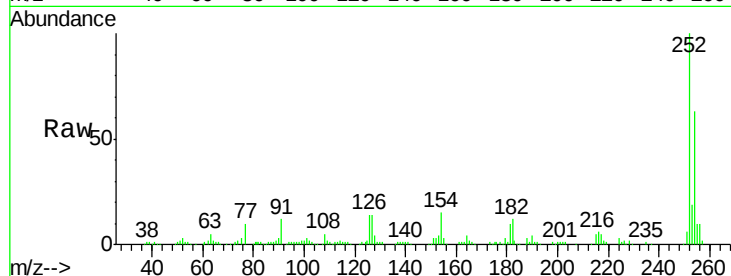
#81
 3,3'-Dichlorobenzidine
 Concen: 40.61 ng
 RT: 18.65 min Scan# 2842
 Delta R.T. -0.01 min
 Lab File: BF095288.D
 Acq: 20 May 2017 6:12

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion	Ratio	Resp Lower	Resp Upper
252	100		
254	63.4	51.5	77.3
126	14.1	15.8	23.8

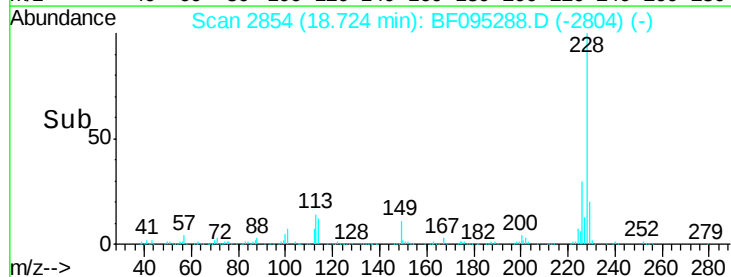
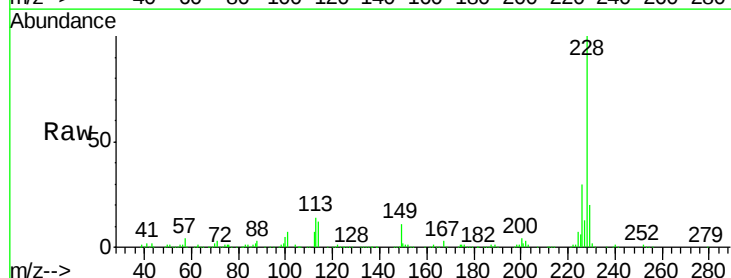
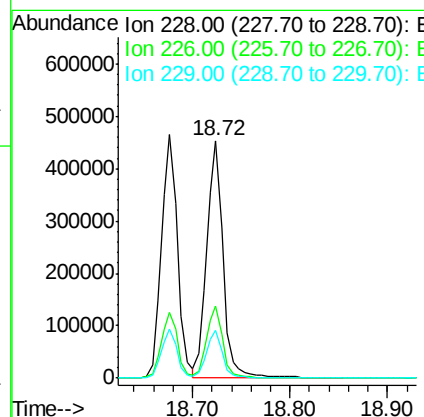
Manual Integrations
 APPROVED

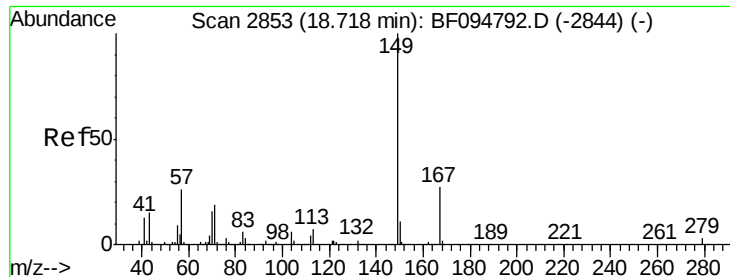
mohammad
 5/22/2017 1:30:17 PM



#82
 Chrysene
 Concen: 40.09 ng
 RT: 18.72 min Scan# 2854
 Delta R.T. -0.01 min
 Lab File: BF095288.D
 Acq: 20 May 2017 6:12

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
226	30.2	24.9	37.3
229	19.9	15.8	23.6





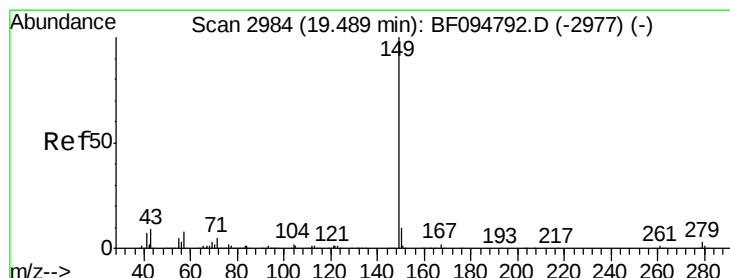
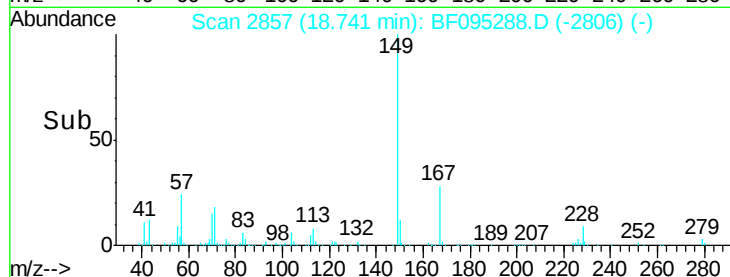
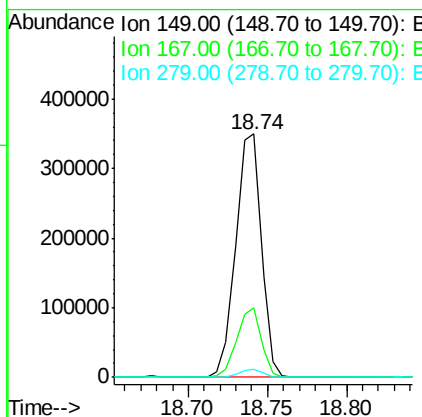
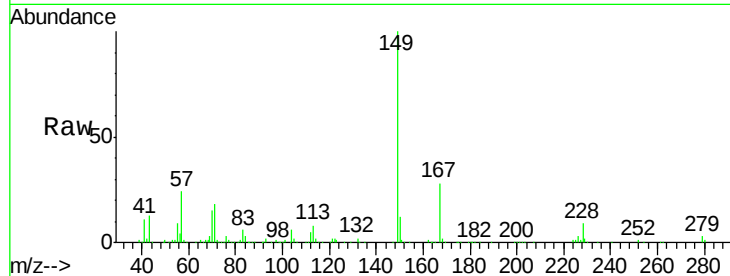
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 34.11 ng
 RT: 18.74 min Scan# 2857
 Delta R.T. -0.00 min
 Lab File: BF095288.D
 Acq: 20 May 2017 6:12

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion	Ratio	Resp Lower	Resp Upper
149	100		
167	28.3	21.0	31.4
279	3.4	1.9	2.9

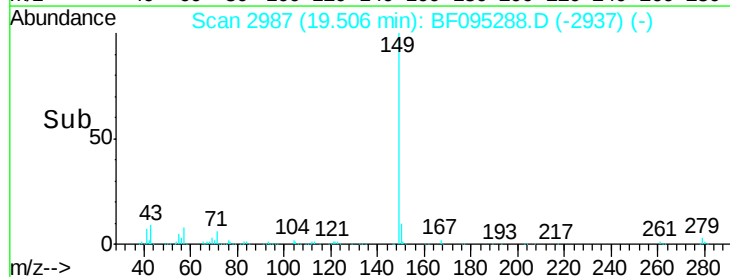
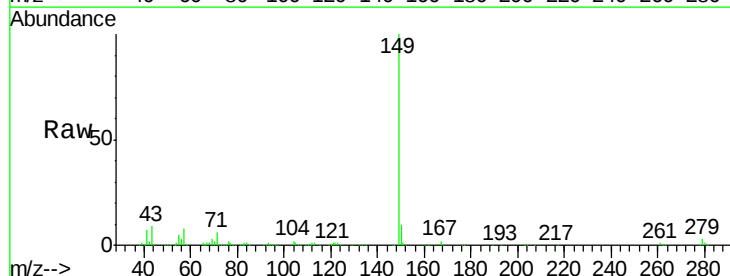
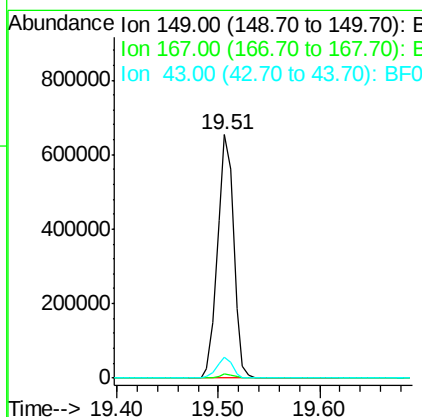
Manual Integrations
 APPROVED

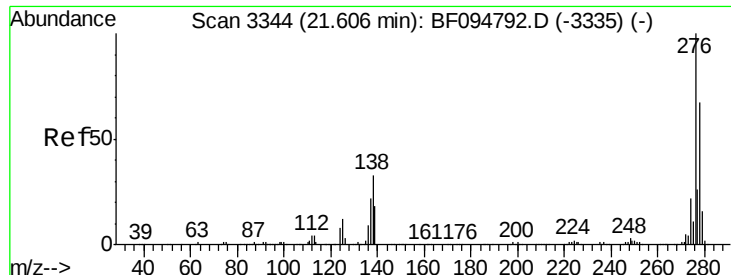
mohammad
 5/22/2017 1:30:17 PM



#84
 Di-n-octyl phthalate
 Concen: 38.38 ng
 RT: 19.51 min Scan# 2987
 Delta R.T. -0.01 min
 Lab File: BF095288.D
 Acq: 20 May 2017 6:12

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





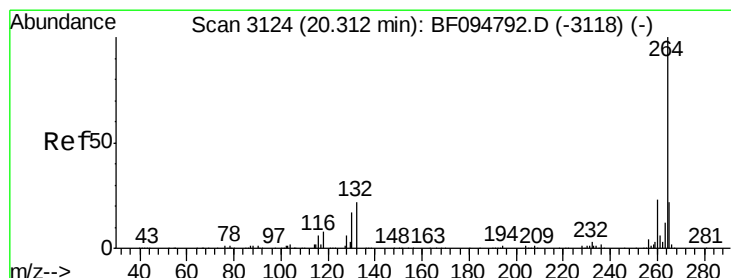
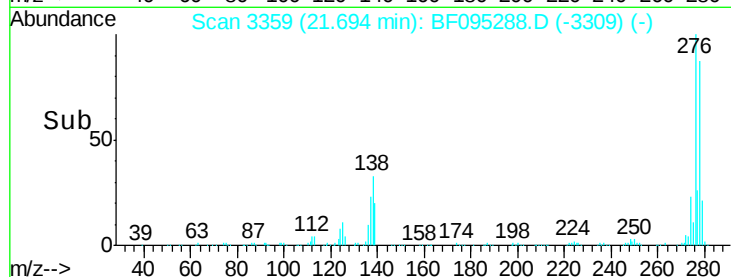
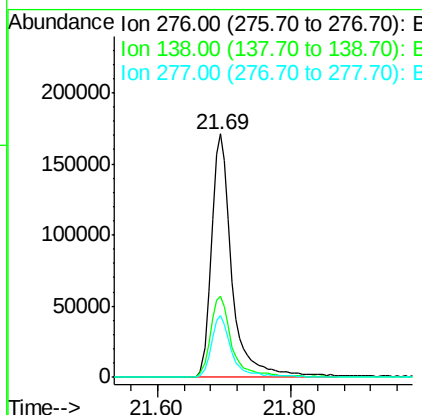
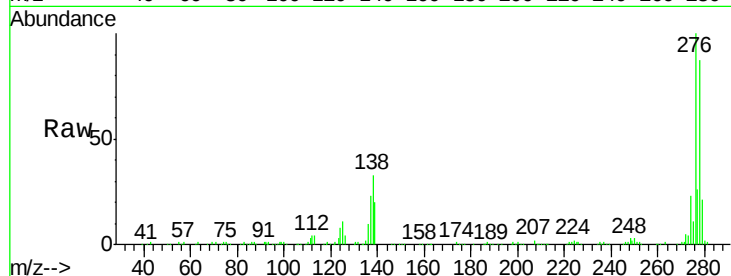
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 34.97 ng
 RT: 21.69 min Scan# 3359
 Delta R.T. -0.01 min
 Lab File: BF095288.D
 Acq: 20 May 2017 6:12

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
276	100	370861		
138	34.7	27.8	41.6	
277	25.0	20.2	30.4	

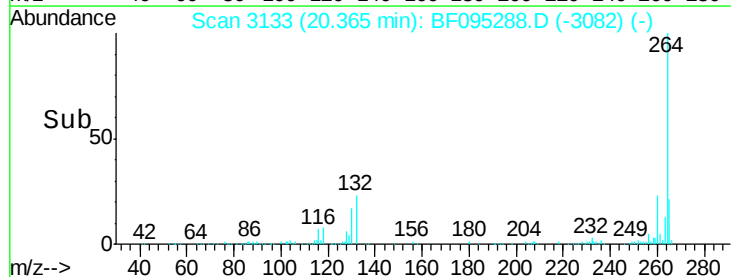
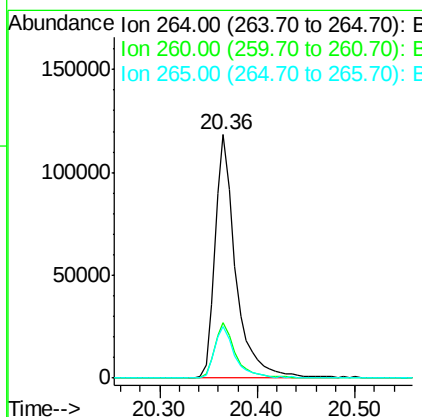
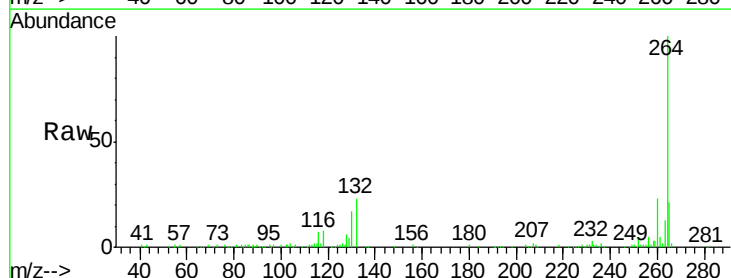
Manual Integrations
 APPROVED

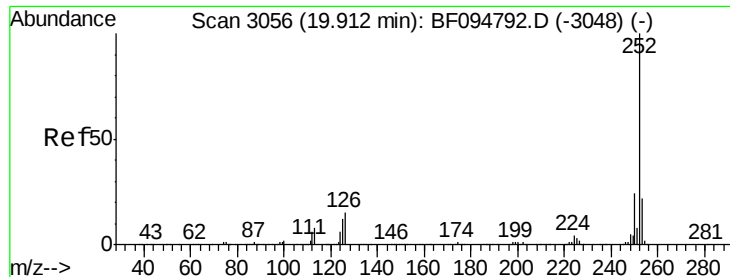
mohammad
 5/22/2017 1:30:17 PM



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 20.36 min Scan# 3133
 Delta R.T. -0.00 min
 Lab File: BF095288.D
 Acq: 20 May 2017 6:12

Tgt Ion	Ratio	Resp	Lower	Upper
264	100	174751		
260	23.0	19.5	29.3	
265	21.4	17.2	25.8	





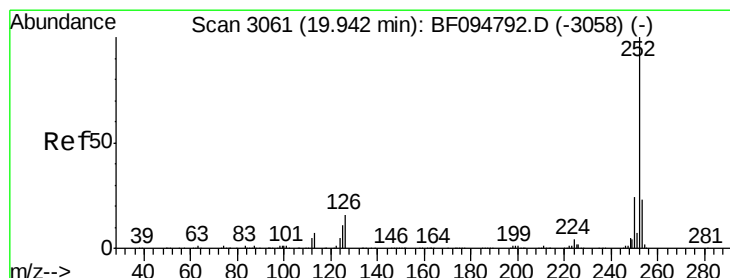
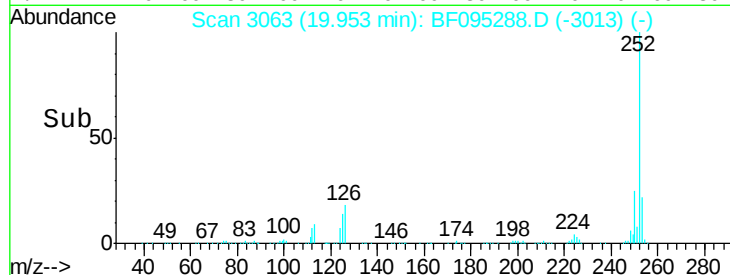
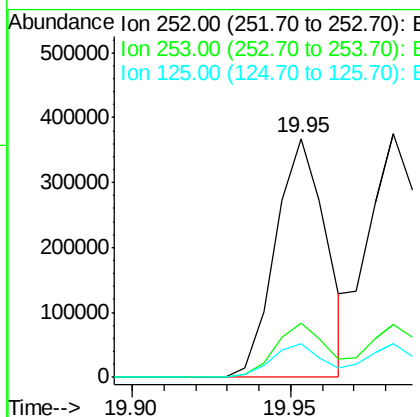
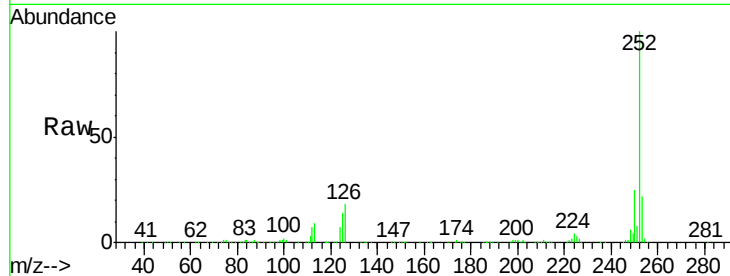
#87
Benzo(b)fluoranthene
Concen: 37.88 ng
RT: 19.95 min Scan# 3063
Delta R.T. -0.01 min
Lab File: BF095288.D
Acq: 20 May 2017 6:12

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.4	18.1	27.1
125	13.9	9.8	14.8

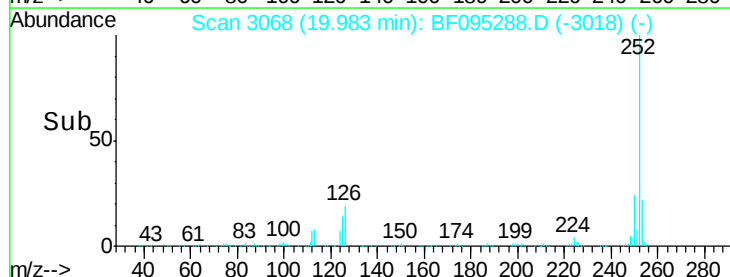
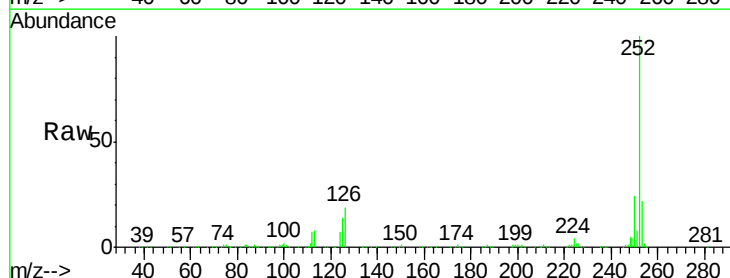
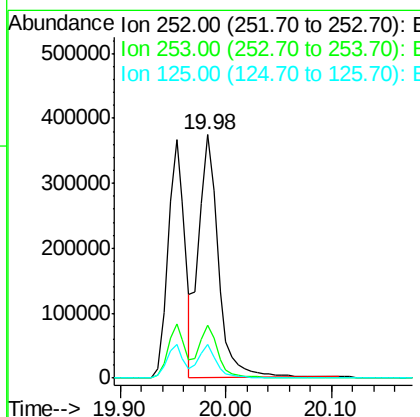
Manual Integrations
APPROVED

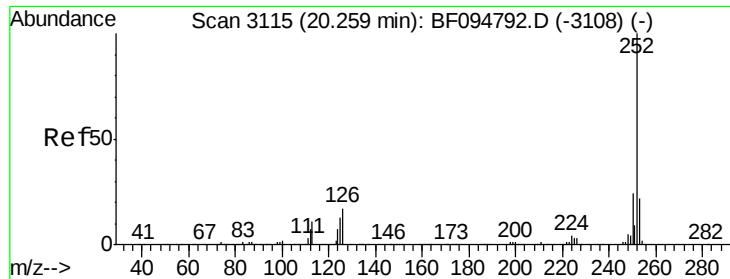
mohammad
5/22/2017 1:30:17 PM



#88
Benzo(k)fluoranthene
Concen: 45.98 ng
RT: 19.98 min Scan# 3068
Delta R.T. -0.01 min
Lab File: BF095288.D
Acq: 20 May 2017 6:12

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.8	18.4	27.6
125	13.6	13.1	19.7





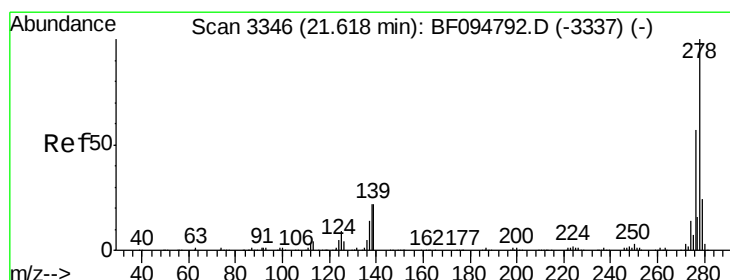
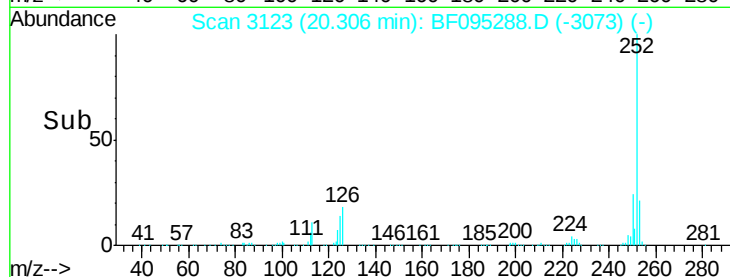
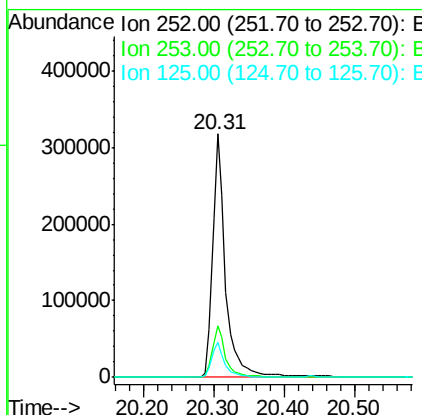
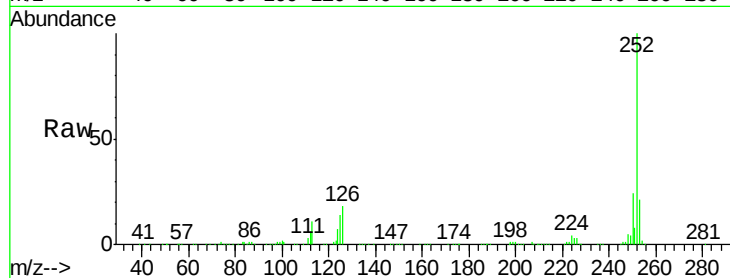
#89
Benzo(a)pyrene
Concen: 40.23 ng
RT: 20.31 min Scan# 3123
Delta R.T. -0.01 min
Lab File: BF095288.D
Acq: 20 May 2017 6:12

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.3	17.5	26.3
125	14.3	11.0	16.4

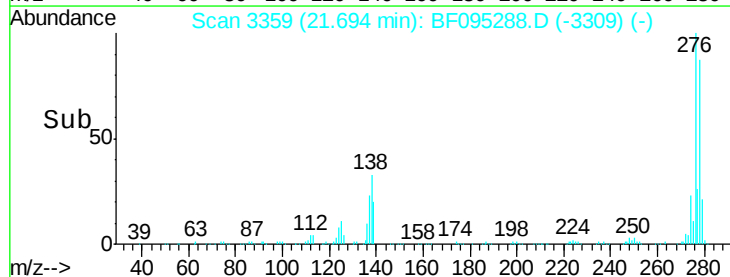
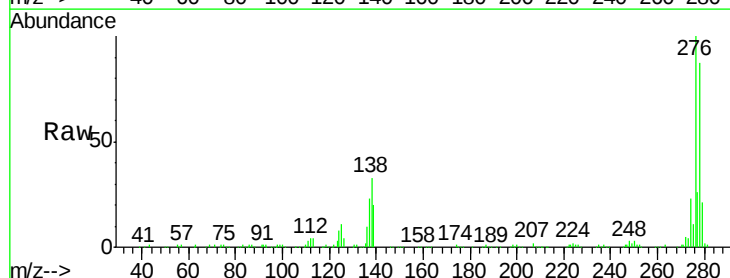
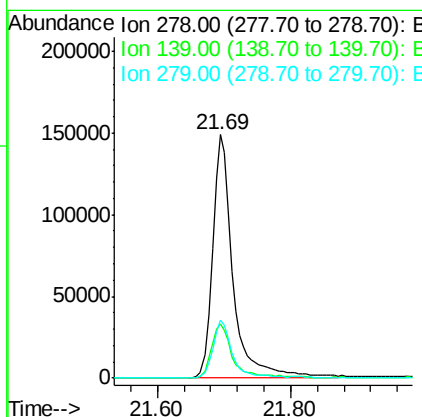
Manual Integrations
APPROVED

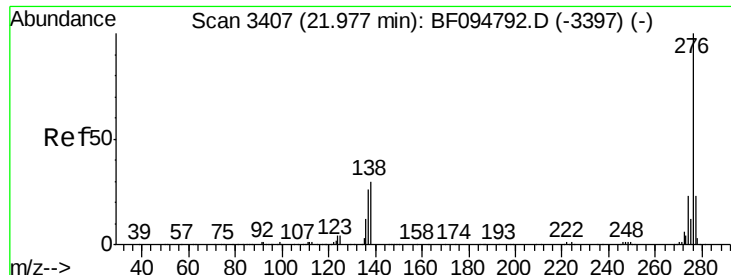
mohammad
5/22/2017 1:30:17 PM



#90
Dibenzo(a,h)anthracene
Concen: 38.86 ng
RT: 21.69 min Scan# 3359
Delta R.T. -0.01 min
Lab File: BF095288.D
Acq: 20 May 2017 6:12

Tgt Ion	Ratio	Lower	Upper
278	100		
139	22.5	16.6	24.8
279	23.7	19.3	28.9





#91
 Benzo(g,h,i)perylene
 Concen: 38.88 ng
 RT: 22.08 min Scan# 3425
 Delta R.T. -0.00 min
 Lab File: BF095288.D
 Acq: 20 May 2017 6:12

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
276	100	313934		
277	23.2	18.6	28.0	
138	29.3	25.4	38.0	

Manual Integrations
 APPROVED

mohammad
 5/22/2017 1:30:17 PM

