

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF022817\
 Data File : BF093239.D
 Acq On : 28 Feb 2017 10:44
 Operator : SJ/MA
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Manual Integrations
 APPROVED

mohammad
 3/1/2017 4:05:43 PM

Quant Time: Feb 28 13:09:58 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 17 17:31:55 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	130326	20.00	ng	-0.05
21) Naphthalene-d8	8.10	136	527886	20.00	ng	-0.05
38) Acenaphthene-d10	9.85	164	255790	20.00	ng	-0.05
63) Phenanthrene-d10	11.33	188	467102	20.00	ng	-0.05
75) Chrysene-d12	13.97	240	368844	20.00	ng	-0.05
86) Perylene-d12	15.39	264	258429	20.00	ng	-0.06

System Monitoring Compounds

5) 2-Fluorophenol	5.40	112	624351	82.19	ng	-0.05
7) Phenol-d6	6.46	99	827327	84.64	ng	-0.02
23) Nitrobenzene-d5	7.38	82	710126	74.91	ng	-0.05
41) 2,4,6-Tribromophenol	10.64	330	145755	78.79	ng	-0.05
44) 2-Fluorobiphenyl	9.17	172	1276272	90.39	ng	-0.05
78) Terphenyl-d14	12.91	244	1183061	75.37	ng	-0.06

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.34	88	161058	39.24	ng	87
3) Pyridine	3.05	79	465318	44.58	ng	88
4) n-Nitrosodimethylamine	3.00	42	180767	36.88	ng	# 84
6) Aniline	6.48	93	537324	40.30	ng	# 81
8) 2-Chlorophenol	6.60	128	338669	40.41	ng	90
9) Benzaldehyde	6.36	77	246256	35.17	ng	95
10) Phenol	6.48	94	492963	43.11	ng	99
11) bis(2-Chloroethyl)ether	6.54	93	362882	39.76	ng	89
12) 1,3-Dichlorobenzene	6.75	146	406575	41.42	ng	98
13) 1,4-Dichlorobenzene	6.83	146	392866m	39.54	ng	
14) 1,2-Dichlorobenzene	6.98	146	383592	40.38	ng	97
15) Benzyl Alcohol	6.96	79	270384	37.37	ng	95
16) 2,2'-oxybis(1-Chloropropan	7.09	45	651834	41.11	ng	99
17) 2-Methylphenol	7.08	107	297432	41.37	ng	97
18) Hexachloroethane	7.32	117	139438	41.11	ng	90
19) n-Nitroso-di-n-propylamine	7.23	70	267688	43.02	ng	96
20) 3+4-Methylphenols	7.24	107	397869	46.28	ng	# 72
22) Acetophenone	7.23	105	501356	41.60	ng	# 97
24) Nitrobenzene	7.40	77	432694	44.45	ng	92
25) Isophorone	7.64	82	740839	41.94	ng	99
26) 2-Nitrophenol	7.72	139	188091	40.65	ng	# 76
27) 2,4-Dimethylphenol	7.76	122	303690	37.37	ng	99
28) bis(2-Chloroethoxy)methane	7.85	93	444477	37.99	ng	99
29) 2,4-Dichlorophenol	7.96	162	302803	39.95	ng	91
30) 1,2,4-Trichlorobenzene	8.04	180	322953	39.54	ng	98
31) Naphthalene	8.12	128	1032651	38.59	ng	98
32) Benzoic acid	7.89	122	141373	33.29	ng	98
33) 4-Chloroaniline	8.18	127	401237	38.23	ng	# 93
34) Hexachlorobutadiene	8.24	225	166933	37.15	ng	99
35) Caprolactam	8.54	113	93905	39.39	ng	# 32
36) 4-Chloro-3-methylphenol	8.66	107	299931	37.96	ng	92
37) 2-Methylnaphthalene	8.81	142	682608	39.73	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.98	216	312031	43.46	ng	99
40) Hexachlorocyclopentadiene	8.96	237	127228	39.27	ng	95

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF022817\
 Data File : BF093239.D
 Acq On : 28 Feb 2017 10:44
 Operator : SJ/MA
 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDC0040

Manual Integrations
 APPROVED

mohammad
 3/1/2017 4:05:43 PM

Quant Time: Feb 28 13:09:58 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 17 17:31:55 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.09	196	196192	41.58	ng	94
43) 2,4,5-Trichlorophenol	9.14	196	210931	40.80	ng #	88
45) 1,1'-Biphenyl	9.28	154	787513	42.52	ng	99
46) 2-Chloronaphthalene	9.30	162	661807	45.68	ng	97
47) 2-Nitroaniline	9.40	65	231780	47.58	ng #	82
48) Acenaphthylene	9.71	152	1090425	43.56	ng	99
49) Dimethylphthalate	9.57	163	709590	41.19	ng	99
50) 2,6-Dinitrotoluene	9.64	165	169923	45.67	ng #	88
51) Acenaphthene	9.88	154	619880	41.42	ng	96
52) 3-Nitroaniline	9.81	138	205462	48.25	ng	92
53) 2,4-Dinitrophenol	9.93	184	81117	45.05	ng #	75
54) Dibenzofuran	10.05	168	818606	40.90	ng	95
55) 4-Nitrophenol	10.00	139	109770	35.79	ng #	73
56) 2,4-Dinitrotoluene	10.05	165	204073	41.20	ng #	87
57) Fluorene	10.40	166	731523	47.50	ng	98
58) 2,3,4,6-Tetrachlorophenol	10.18	232	149368	43.31	ng	95
59) Diethylphthalate	10.27	149	712226	43.86	ng	98
60) 4-Chlorophenyl-phenylether	10.38	204	300711	40.65	ng	90
61) 4-Nitroaniline	10.43	138	210857	48.35	ng	81
62) Azobenzene	10.54	77	756213	45.08	ng	98
64) 4,6-Dinitro-2-methylphenol	10.46	198	114671	40.76	ng	92
65) n-Nitrosodiphenylamine	10.51	169	613312	41.10	ng	100
66) 4-Bromophenyl-phenylether	10.88	248	191460	39.23	ng #	89
67) Hexachlorobenzene	10.94	284	182570	37.86	ng #	93
68) Atrazine	11.04	200	174733	36.49	ng	99
69) Pentachlorophenol	11.15	266	76271	35.08	ng	98
70) Phenanthrene	11.36	178	991912	37.07	ng	98
71) Anthracene	11.41	178	1044161	38.85	ng	97
72) Carbazole	11.57	167	1013260	39.44	ng #	97
73) Di-n-butylphthalate	11.89	149	1149683	41.38	ng #	97
74) Fluoranthene	12.55	202	1033047	37.42	ng	96
76) Benzidine	12.67	184	637994	40.59	ng	99
77) Pyrene	12.77	202	1050973	38.07	ng	99
79) Butylbenzylphthalate	13.39	149	484809	43.25	ng #	81
80) Benzo(a)anthracene	13.96	228	812849	36.03	ng	99
81) 3,3'-Dichlorobenzidine	13.93	252	299249	37.21	ng #	95
82) Chrysene	14.00	228	761211	36.04	ng	99
83) Bis(2-ethylhexyl)phthalate	13.94	149	597502	38.98	ng #	100
84) Di-n-octyl phthalate	14.56	149	1009838	40.45	ng	99
85) Indeno(1,2,3-cd)pyrene	16.79	276	535524	32.73	ng #	94
87) Benzo(b)fluoranthene	14.99	252	753277m	44.28	ng	
88) Benzo(k)fluoranthene	15.01	252	543493m	37.01	ng	
89) Benzo(a)pyrene	15.33	252	581991	39.55	ng	98
90) Dibenzo(a,h)anthracene	16.79	278	457906	38.51	ng	96
91) Benzo(g,h,i)perylene	17.20	276	470438	39.16	ng #	92

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

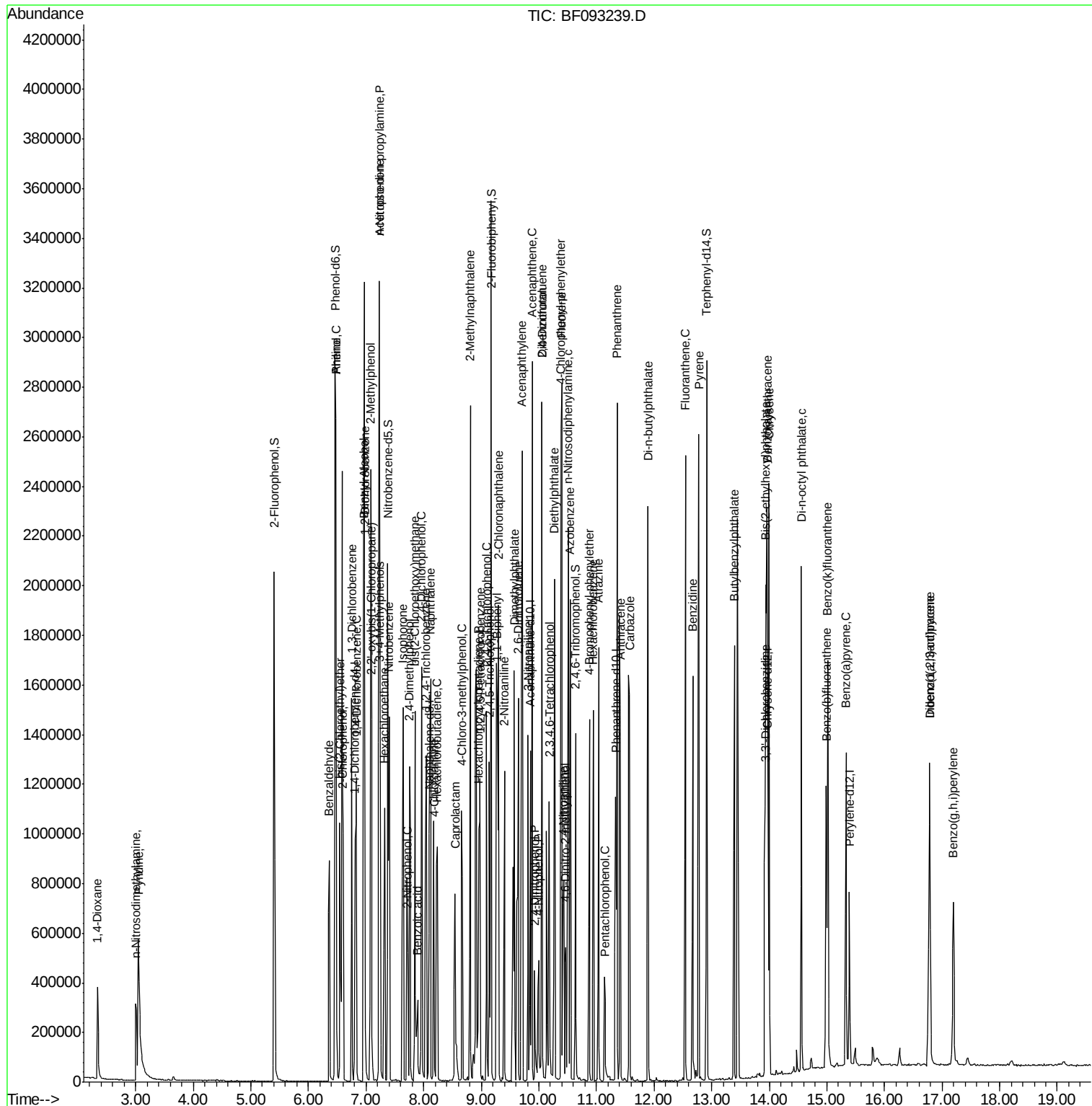
```
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF022817\  
Data File : BF093239.D  
Acq On    : 28 Feb 2017  10:44  
Operator  : SJ/MA  
Sample    : SSTCCCC040  
Misc      :  
ALS Vial  : 2      Sample Multiplier: 1
```

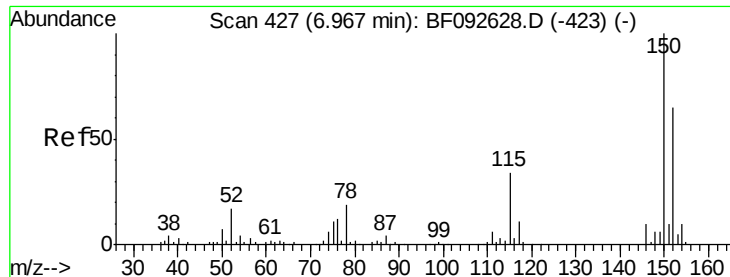
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED

mohammad
3/1/2017 4:05:43 PM

Quant Time: Feb 28 13:09:58 2017
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Feb 17 17:31:55 2017
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.81 min Scan# 413

Delta R.T. -0.05 min

Lab File: BF093239.D

Acq: 28 Feb 2017 10:44

Instrument :

BNA_F

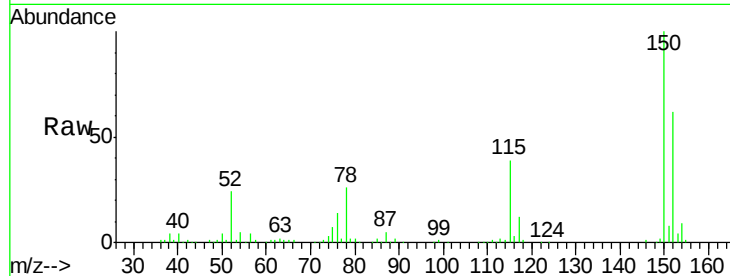
ClientSampleId :

SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
152	100		
150	160.7	124.9	187.3
115	63.4	46.0	69.0

Manual Integrations
APPROVED

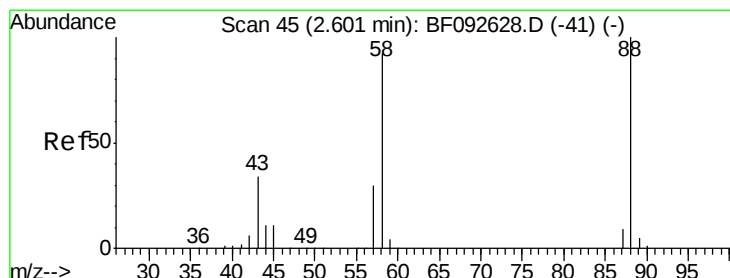
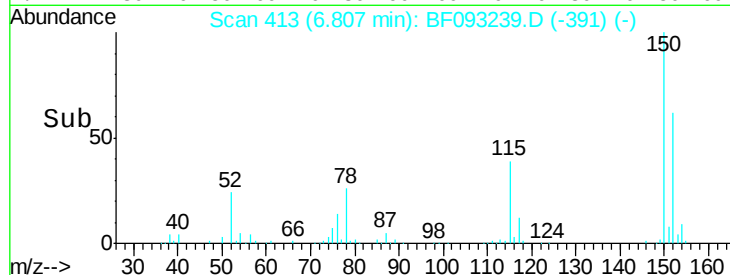
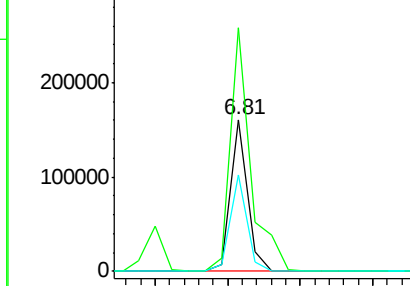
mohammad
3/1/2017 4:05:43 PM



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 39.24 ng

RT: 2.34 min Scan# 22

Delta R.T. -0.09 min

Lab File: BF093239.D

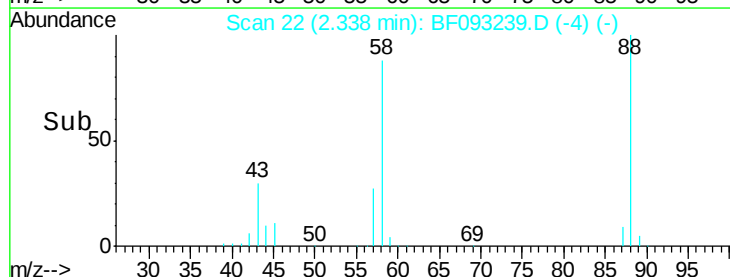
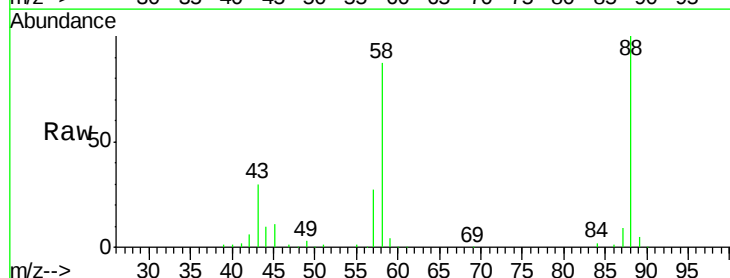
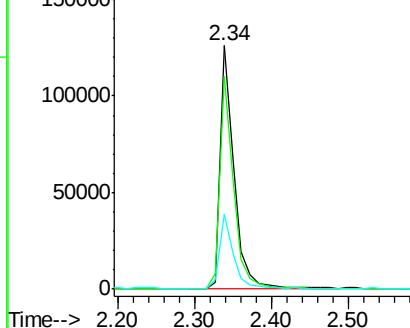
Acq: 28 Feb 2017 10:44

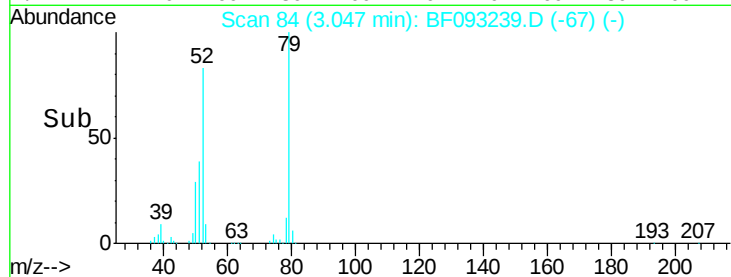
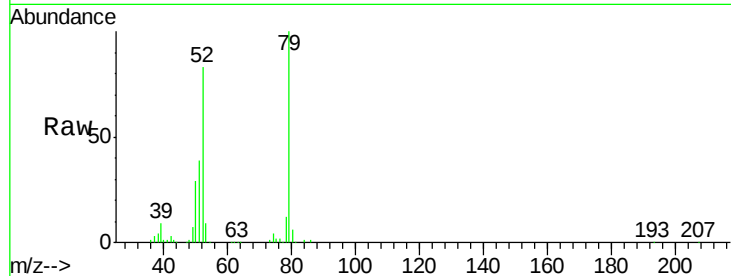
Tgt Ion	Ratio	Lower	Upper
88	100		
58	86.4	57.8	86.8
43	29.7	22.3	33.5

Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





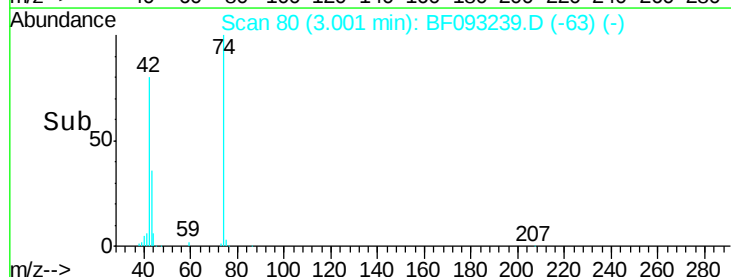
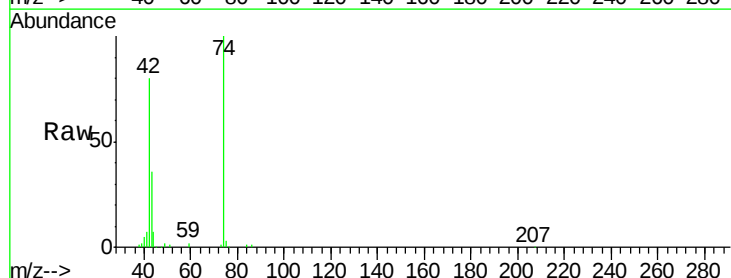
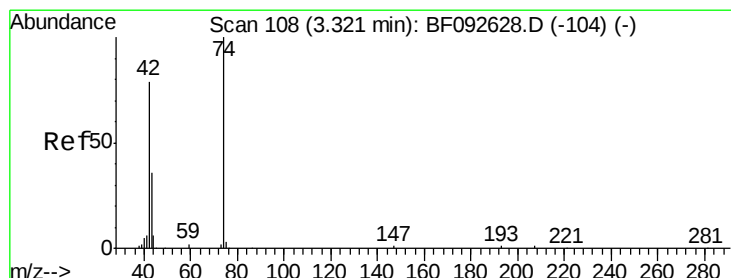
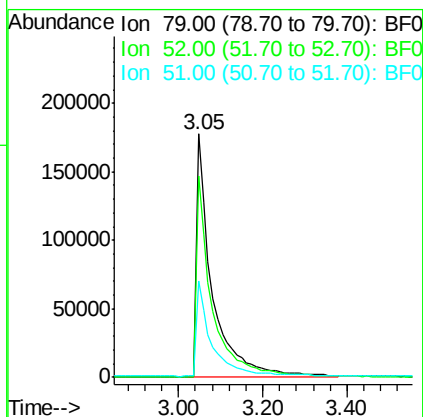
#3
Pyridine
Concen: 44.58 ng
RT: 3.05 min Scan# 84
Delta R.T. -0.10 min
Lab File: BF093239.D
Acq: 28 Feb 2017 10:44

Tgt Ion	Ratio	Lower	Upper
79	100		
52	83.0	57.1	85.7
51	39.4	27.3	40.9

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

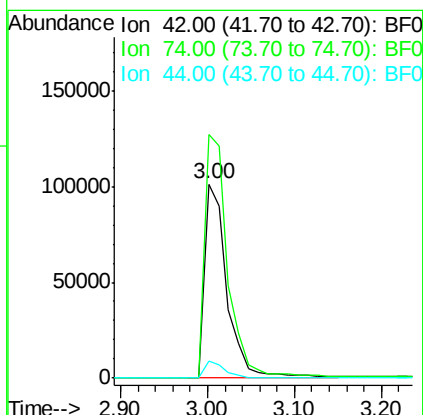
Manual Integrations
APPROVED

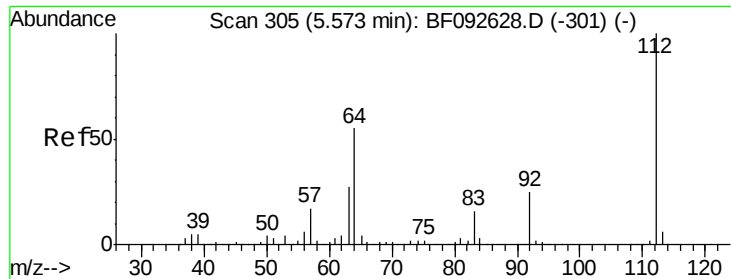
mohammad
3/1/2017 4:05:43 PM



#4
n-Nitrosodimethylamine
Concen: 36.88 ng
RT: 3.00 min Scan# 80
Delta R.T. -0.10 min
Lab File: BF093239.D
Acq: 28 Feb 2017 10:44

Tgt Ion	Ratio	Lower	Upper
42	100		
74	125.7	117.0	175.4
44	8.5	5.5	8.3#





#5

2-Fluorophenol

Concen: 82.19 ng

RT: 5.40 min Scan# 290

Delta R.T. -0.05 min

Lab File: BF093239.D

Acq: 28 Feb 2017 10:44

Instrument :

BNA_F

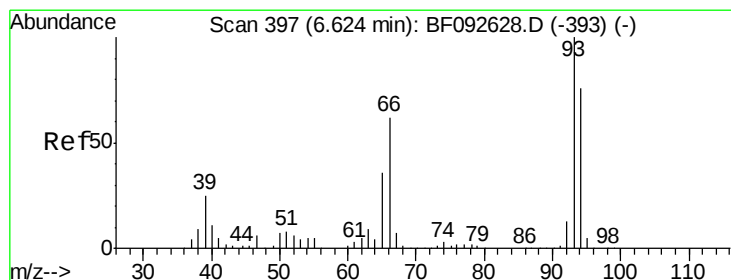
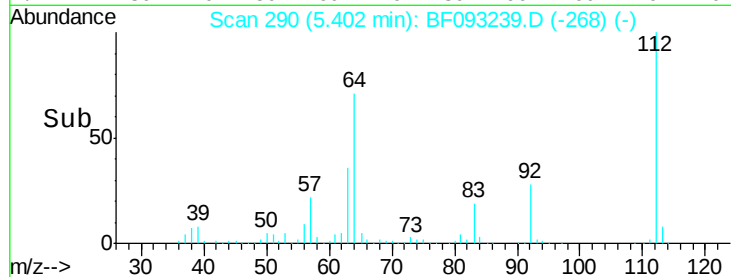
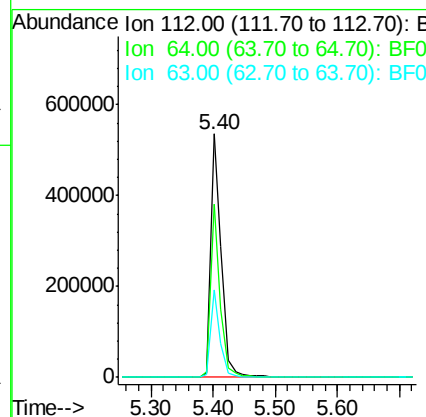
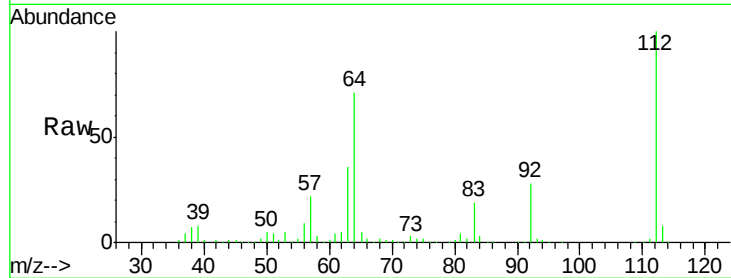
ClientSampleId :

SSTDCCC040

Tgt Ion:	112	Resp:	624351
Ion Ratio	Lower	Upper	
112	100		
64	71.3	46.1	69.1#
63	35.8	23.8	35.6#

Manual Integrations
APPROVED

mohammad
3/1/2017 4:05:43 PM



#6

Aniline

Concen: 40.30 ng

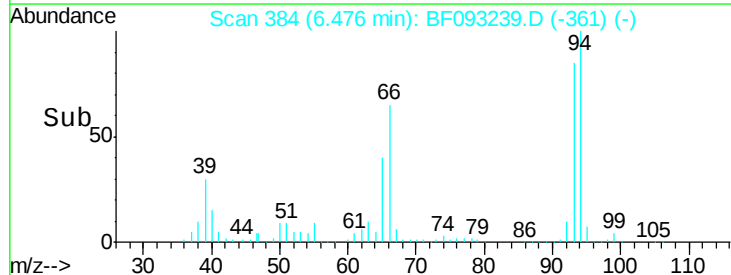
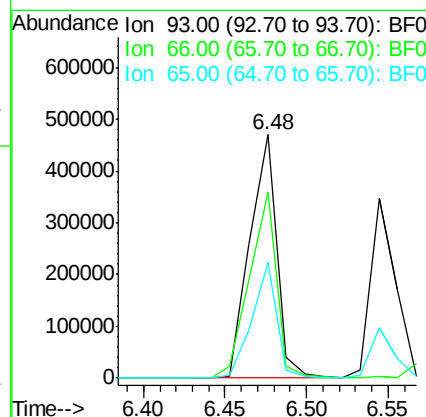
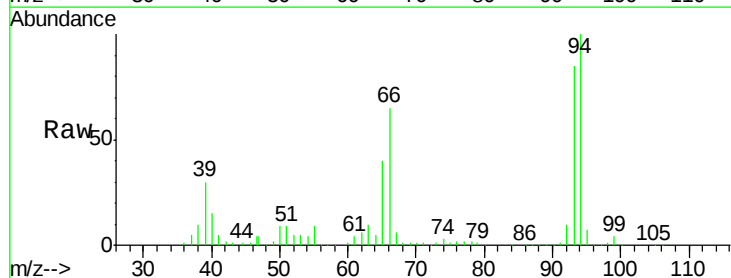
RT: 6.48 min Scan# 384

Delta R.T. -0.03 min

Lab File: BF093239.D

Acq: 28 Feb 2017 10:44

Tgt Ion:	93	Resp:	537324
Ion Ratio	Lower	Upper	
93	100		
66	76.3	76.2	114.2
65	47.6	49.3	73.9#





#7

Phenol-d6

Concen: 84.64 ng

RT: 6.46 min Scan# 383

Delta R.T. -0.02 min

Lab File: BF093239.D

Acq: 28 Feb 2017 10:44

Instrument :

BNA_F

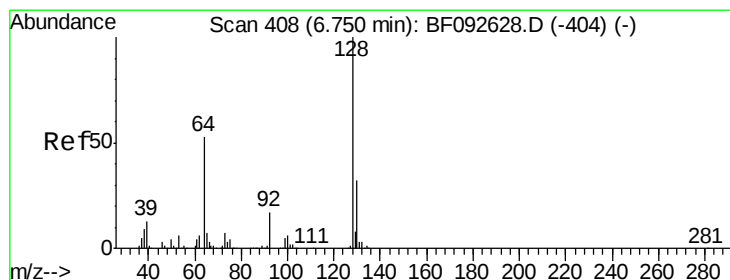
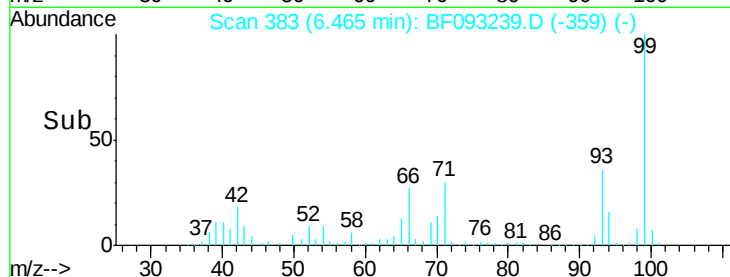
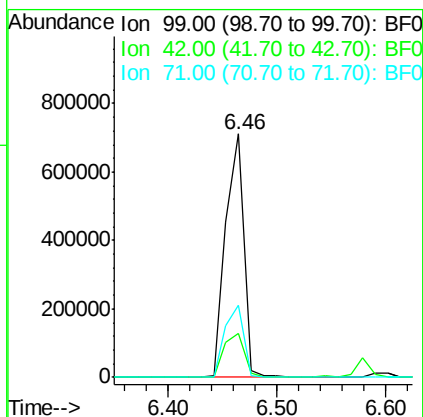
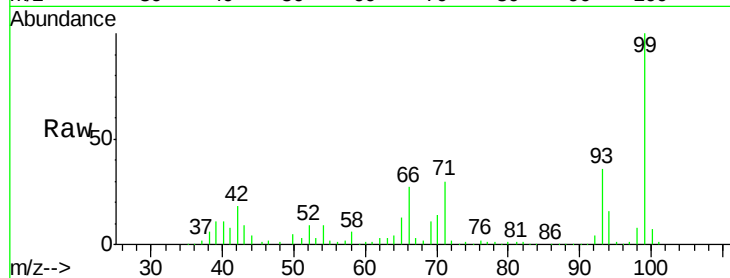
ClientSampleId :

SSTDCCC040

Tgt Ion:	99	Resp:	827327
Ion Ratio	Lower	Upper	
99	100		
42	18.1	15.6	23.4
71	29.7	27.5	41.3

Manual Integrations
APPROVED

mohammad
3/1/2017 4:05:43 PM



#8

2-Chlorophenol

Concen: 40.41 ng

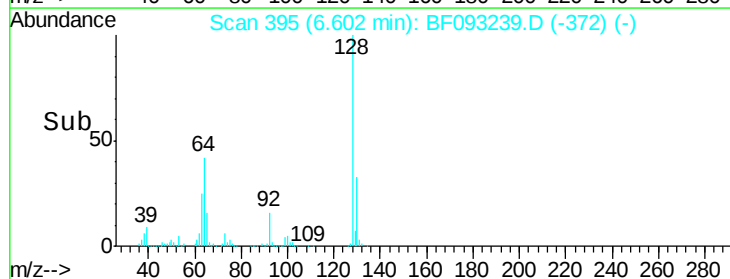
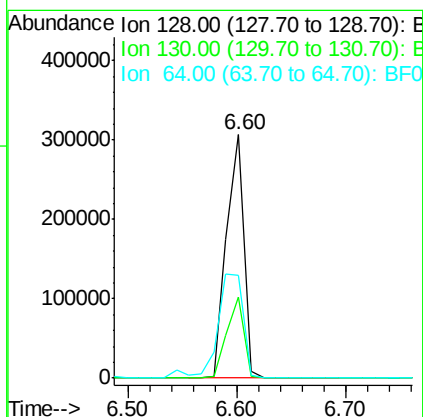
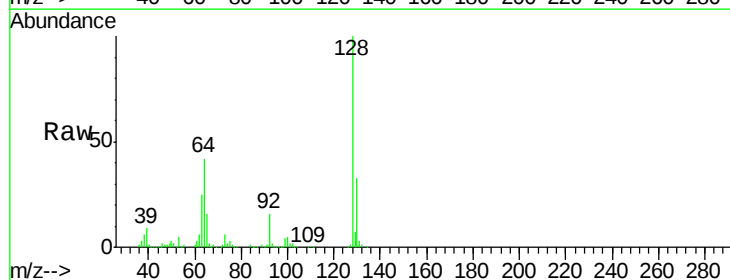
RT: 6.60 min Scan# 395

Delta R.T. -0.03 min

Lab File: BF093239.D

Acq: 28 Feb 2017 10:44

Tgt Ion:	128	Resp:	338669
Ion Ratio	Lower	Upper	
128	100		
130	33.3	12.3	52.3
64	42.0	32.2	72.2





#9

Benzaldehyde

Concen: 35.17 ng

RT: 6.36 min Scan# 374

Delta R.T. -0.03 min

Lab File: BF093239.D

Acq: 28 Feb 2017 10:44

Instrument :

BNA_F

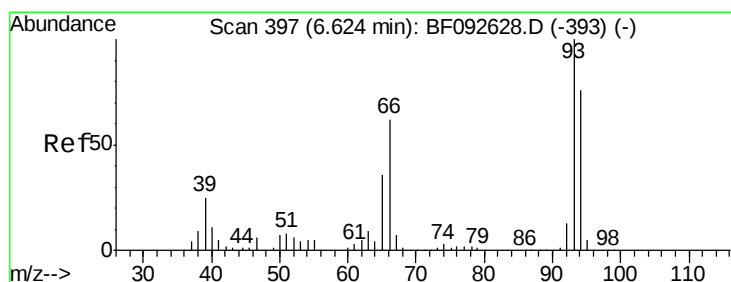
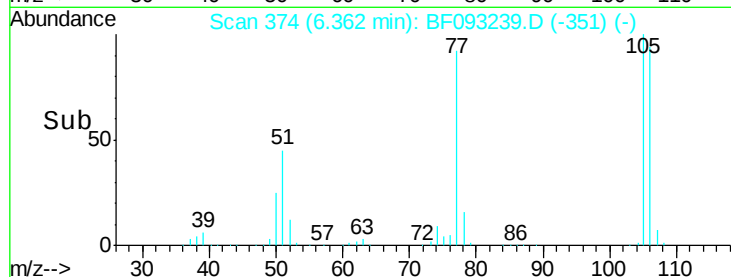
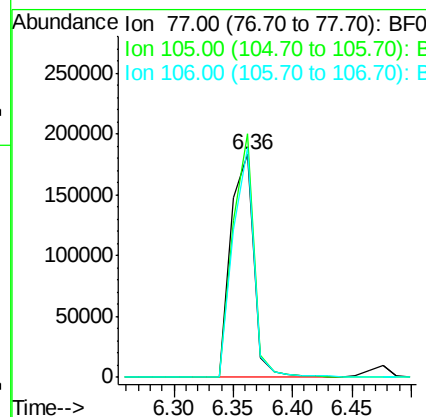
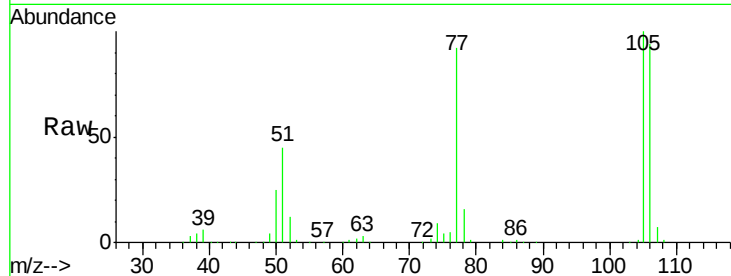
ClientSampleId :

SSTDCCC040

Tgt Ion:	77	Resp:	246256
Ion	Ratio	Lower	Upper
77	100		
105	109.1	83.9	123.9
106	103.1	77.6	117.6

Manual Integrations
APPROVED

mohammad
3/1/2017 4:05:43 PM



#10

Phenol

Concen: 43.11 ng

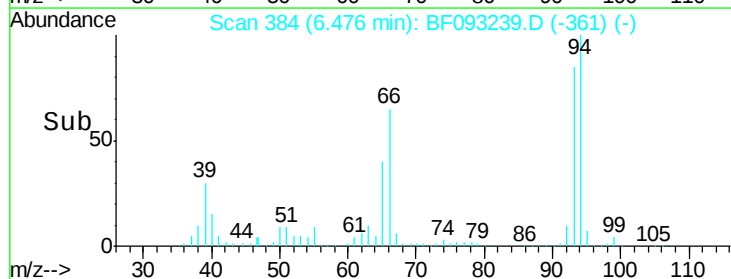
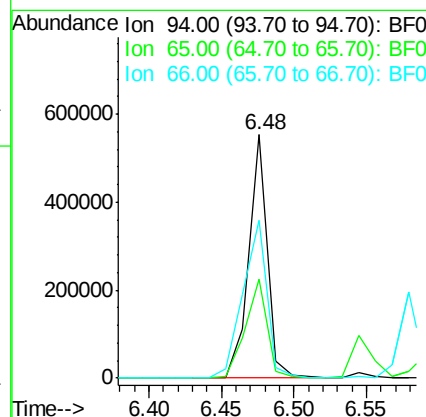
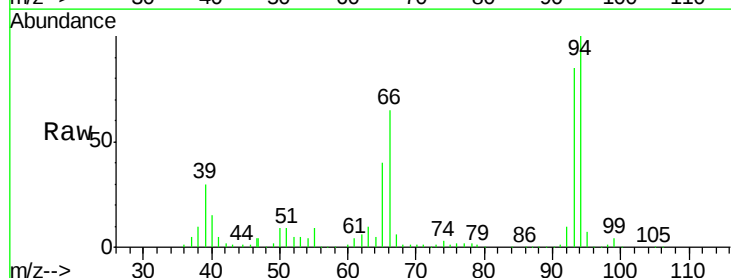
RT: 6.48 min Scan# 384

Delta R.T. -0.03 min

Lab File: BF093239.D

Acq: 28 Feb 2017 10:44

Tgt Ion:	94	Resp:	492963
Ion	Ratio	Lower	Upper
94	100		
65	40.5	21.4	61.4
66	64.9	44.0	84.0





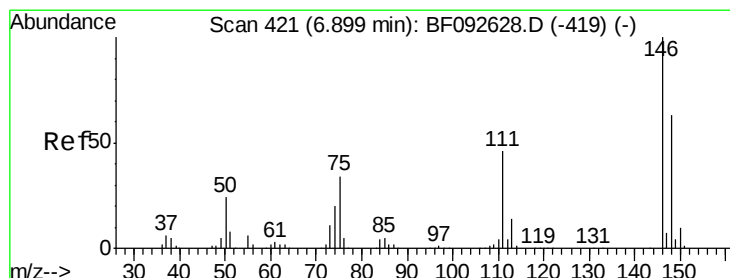
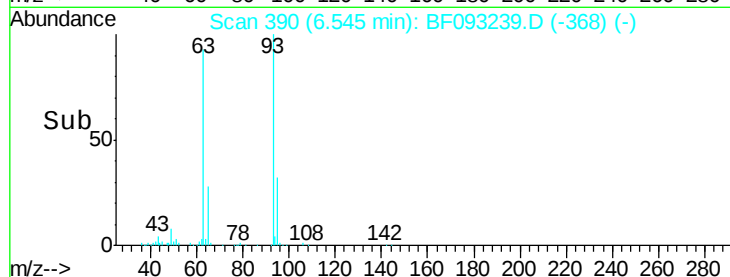
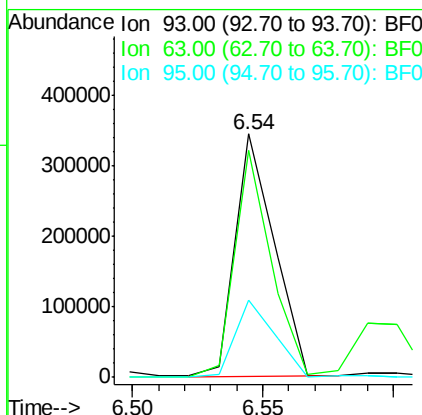
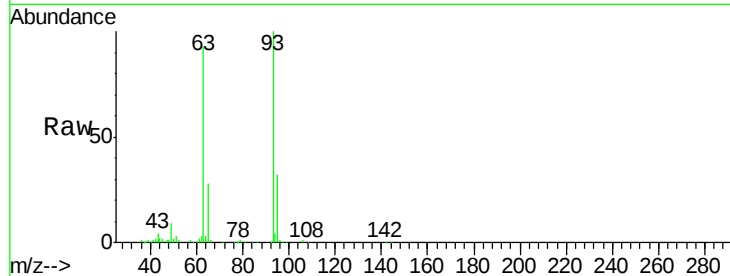
#11
bis(2-Chloroethyl)ether
Concen: 39.76 ng
RT: 6.54 min Scan# 390
Delta R.T. -0.05 min
Lab File: BF093239.D
Acq: 28 Feb 2017 10:44

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
93	100		
63	93.2	60.4	100.4
95	31.9	12.8	52.8

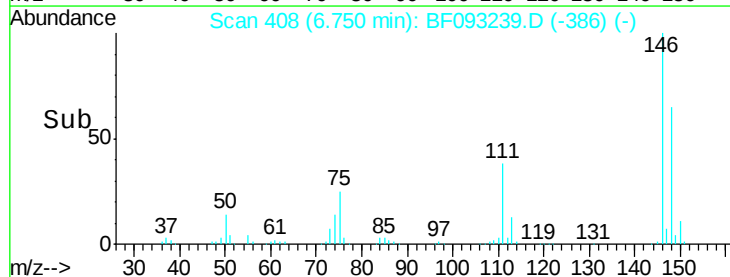
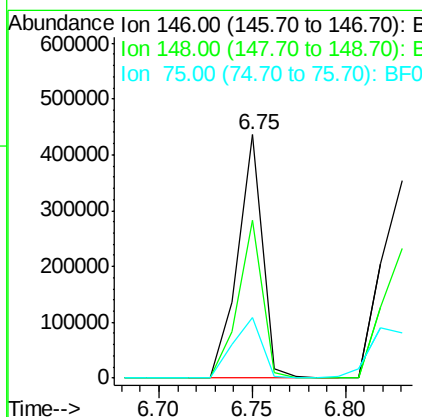
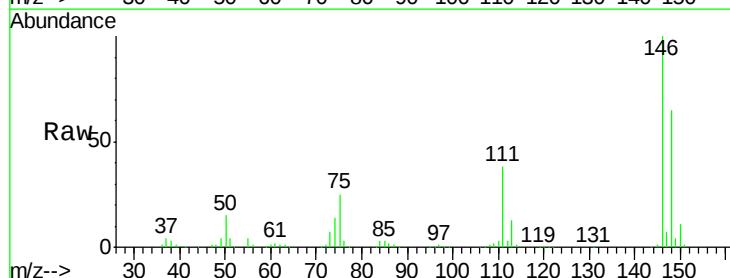
Manual Integrations
APPROVED

mohammad
3/1/2017 4:05:43 PM



#12
1,3-Dichlorobenzene
Concen: 41.42 ng
RT: 6.75 min Scan# 408
Delta R.T. -0.05 min
Lab File: BF093239.D
Acq: 28 Feb 2017 10:44

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.9	53.4	80.0
75	24.7	18.5	27.7





#13

1,4-Dichlorobenzene

Concen: 39.54 ng m

RT: 6.83 min Scan# 415

Delta R.T. -0.05 min

Lab File: BF093239.D

Acq: 28 Feb 2017 10:44

Instrument :

BNA_F

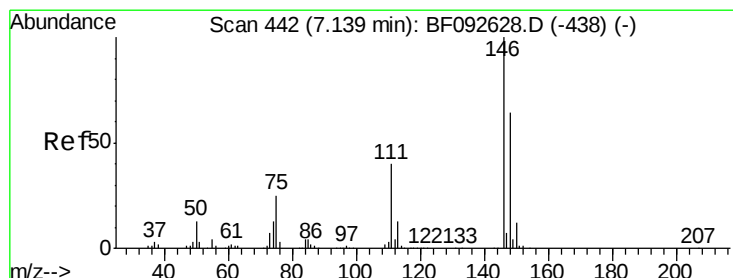
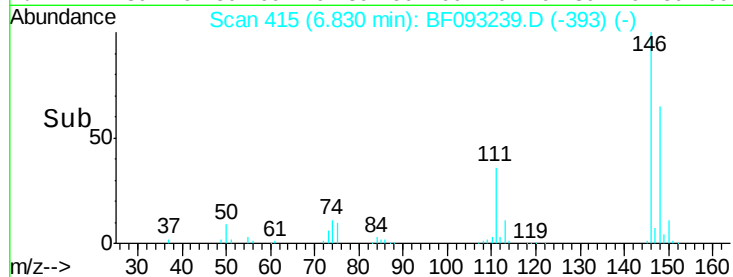
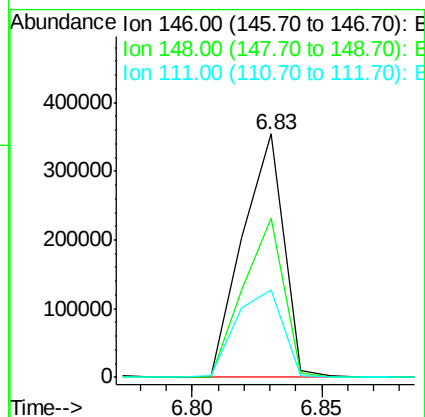
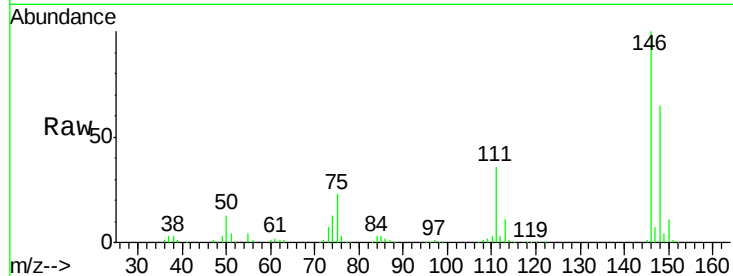
ClientSampleId :

SSTDCCC040

Tgt Ion:	146	Resp:	392866
Ion Ratio	Lower	Upper	
146	100		
148	65.3	50.6	76.0
111	35.8	36.2	54.4#

Manual Integrations
APPROVED

mohammad
3/1/2017 4:05:43 PM



#14

1,2-Dichlorobenzene

Concen: 40.38 ng

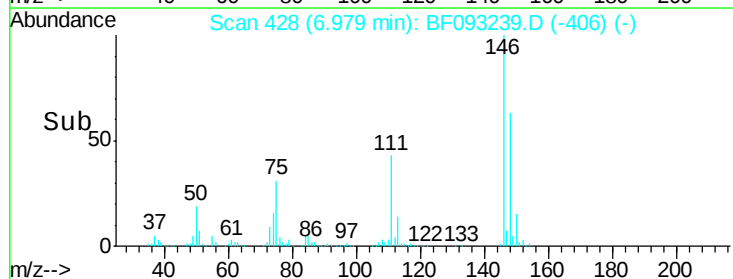
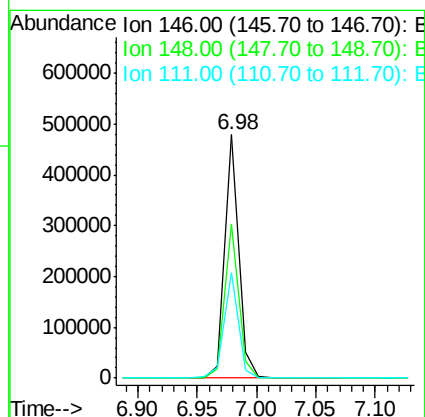
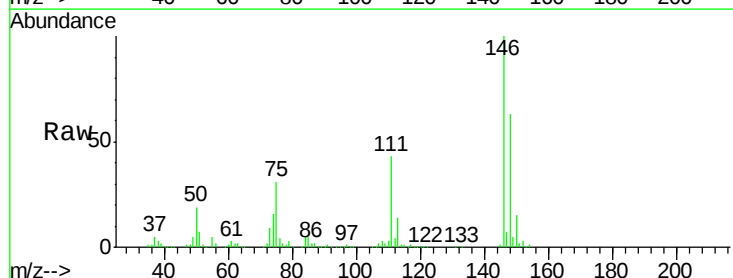
RT: 6.98 min Scan# 428

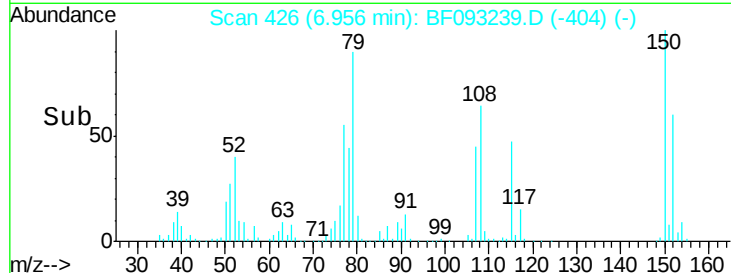
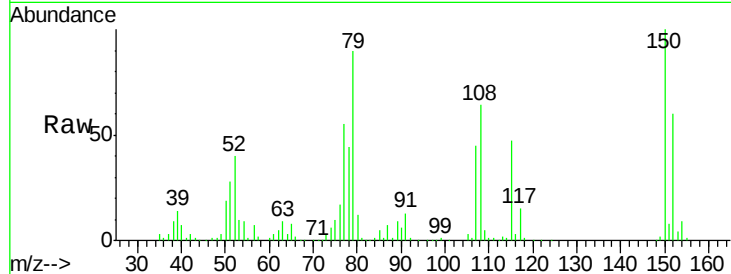
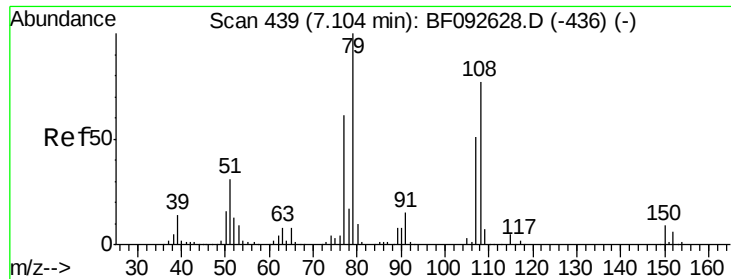
Delta R.T. -0.05 min

Lab File: BF093239.D

Acq: 28 Feb 2017 10:44

Tgt Ion:	146	Resp:	383592
Ion Ratio	Lower	Upper	
146	100		
148	63.4	52.2	78.2
111	43.3	36.2	54.2





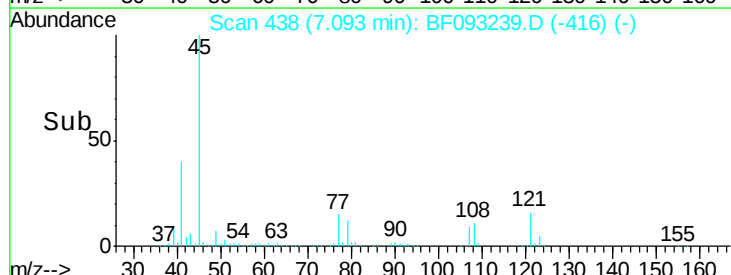
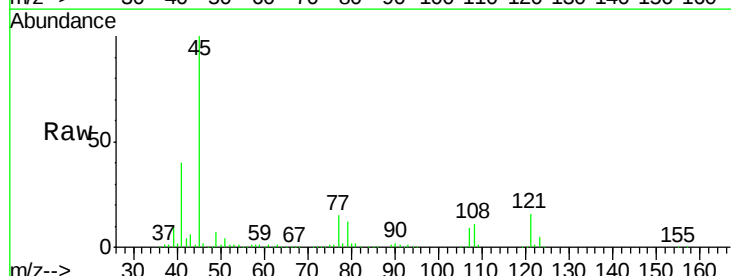
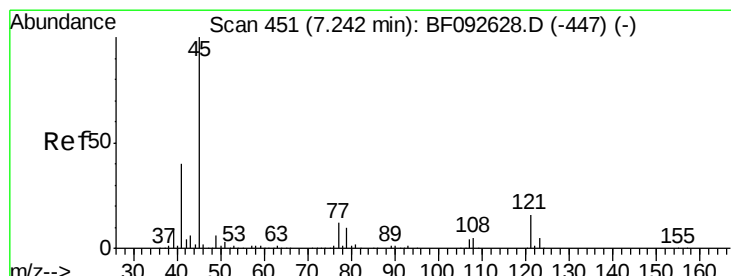
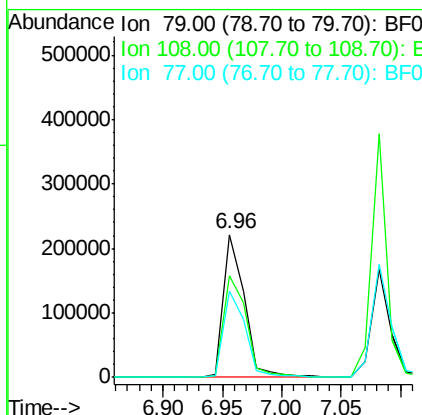
#15
Benzyl Alcohol
Concen: 37.37 ng
RT: 6.96 min Scan# 426
Delta R.T. -0.05 min
Lab File: BF093239.D
Acq: 28 Feb 2017 10:44

Tgt Ion	Ratio	Lower	Upper
79	100		
108	71.2	61.4	92.0
77	60.7	50.9	76.3

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

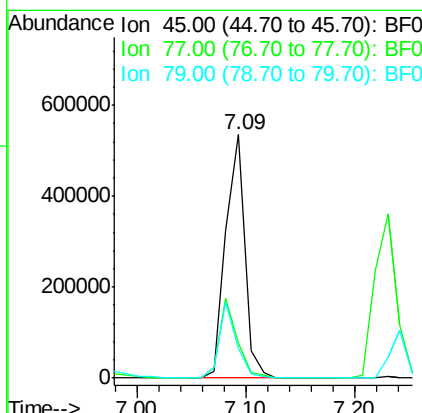
Manual Integrations
APPROVED

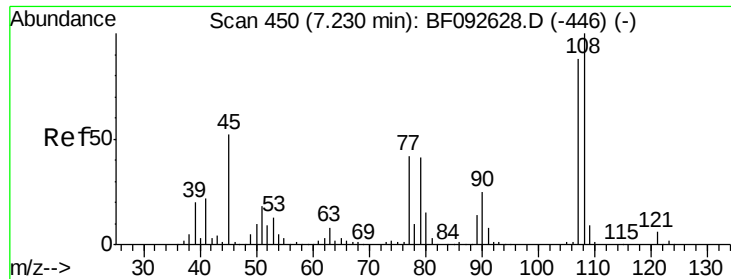
mohammad
3/1/2017 4:05:43 PM



#16
2,2'-oxybis(1-Chloropropane)
Concen: 41.11 ng
RT: 7.09 min Scan# 438
Delta R.T. -0.05 min
Lab File: BF093239.D
Acq: 28 Feb 2017 10:44

Tgt Ion	Ratio	Lower	Upper
45	100		
77	14.6	0.0	34.6
79	12.2	0.0	31.2





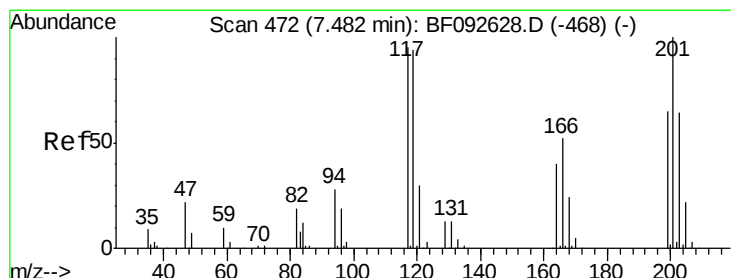
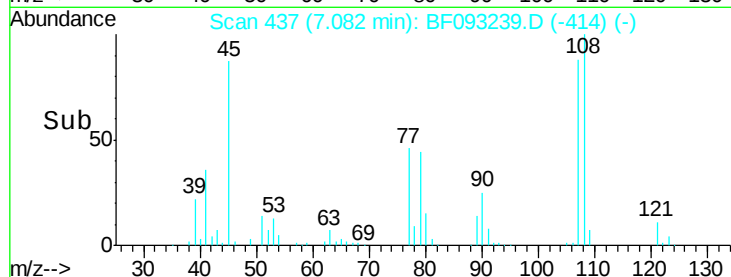
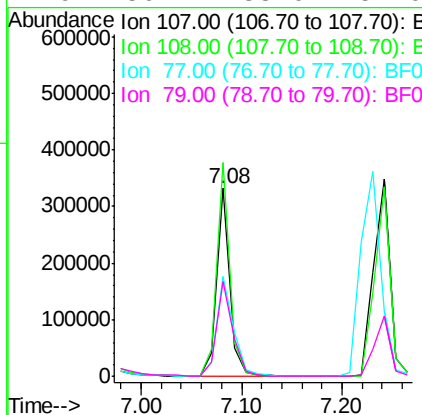
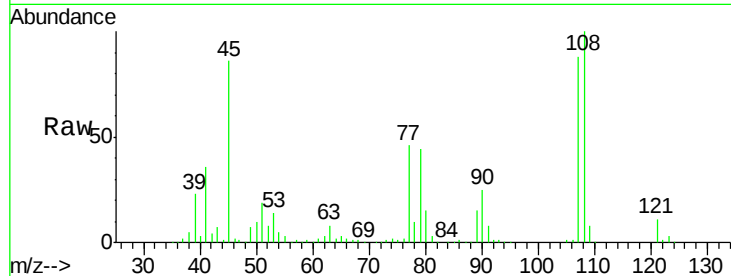
#17
2-Methylphenol
Concen: 41.37 ng
RT: 7.08 min Scan# 437
Delta R.T. -0.03 min
Lab File: BF093239.D
Acq: 28 Feb 2017 10:44

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
107	100	297432		
108	113.8	93.0	139.6	
77	52.9	39.8	59.8	
79	50.4	38.0	57.0	

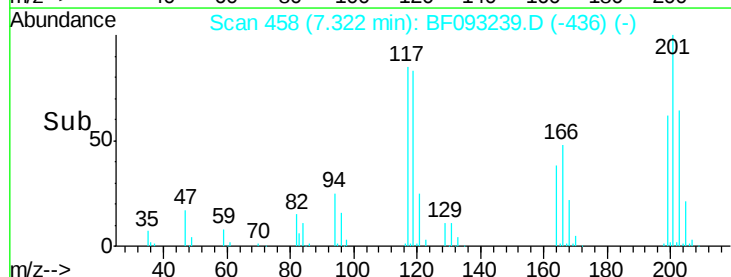
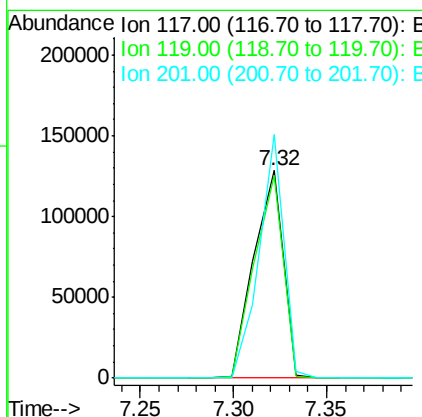
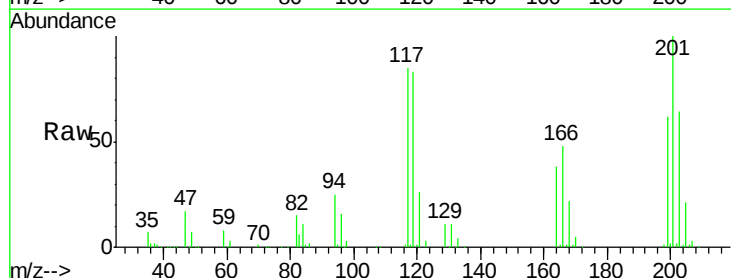
Manual Integrations
APPROVED

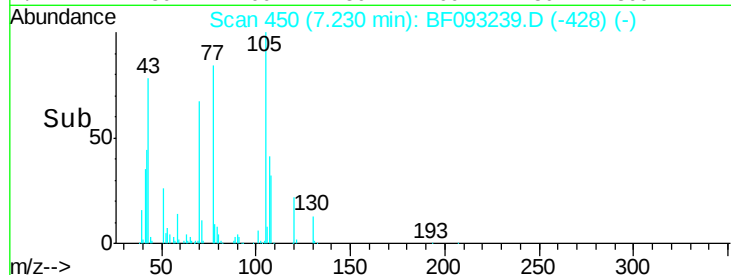
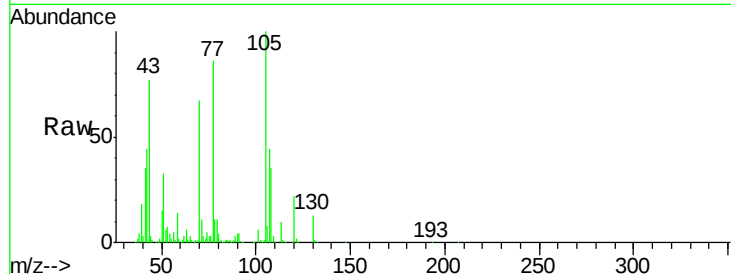
mohammad
3/1/2017 4:05:43 PM



#18
Hexachloroethane
Concen: 41.11 ng
RT: 7.32 min Scan# 458
Delta R.T. -0.05 min
Lab File: BF093239.D
Acq: 28 Feb 2017 10:44

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	139438		
119	97.5	78.1	117.1	
201	117.3	78.6	117.8	





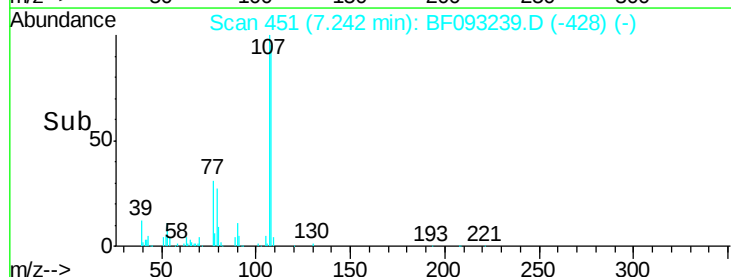
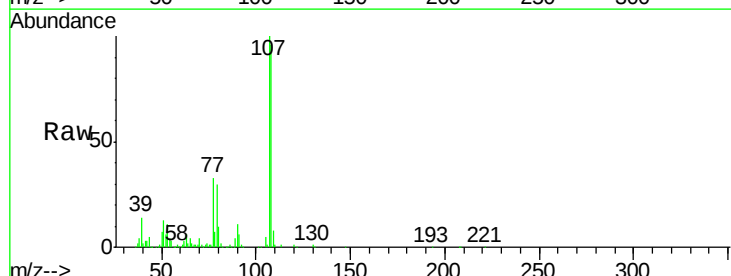
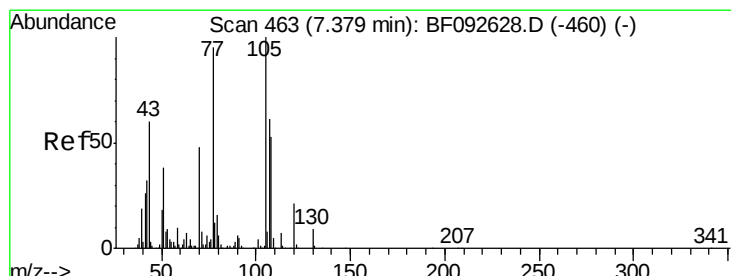
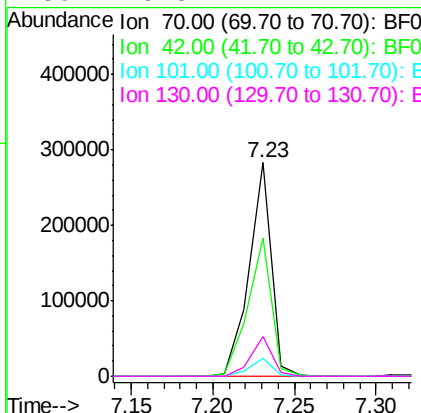
#19
n-Nitroso-di-n-propylamine
Concen: 43.02 ng
RT: 7.23 min Scan# 450
Delta R.T. -0.05 min
Lab File: BF093239.D
Acq: 28 Feb 2017 10:44

Tgt Ion	Ratio	Resp	Lower	Upper
70	100	267688		
42	65.0	49.4	74.0	
101	8.7	7.4	11.2	
130	18.8	14.2	21.4	

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

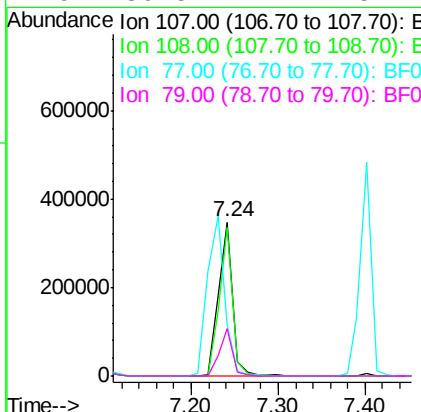
Manual Integrations
APPROVED

mohammad
3/1/2017 4:05:43 PM



#20
3+4-Methylphenols
Concen: 46.28 ng
RT: 7.24 min Scan# 451
Delta R.T. -0.03 min
Lab File: BF093239.D
Acq: 28 Feb 2017 10:44

Tgt Ion	Ratio	Resp	Lower	Upper
107	100	397869		
108	96.3	73.0	113.0	
77	33.4	71.3	111.3#	
79	30.5	11.1	51.1	





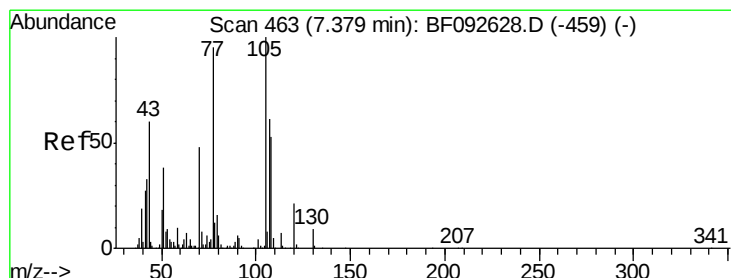
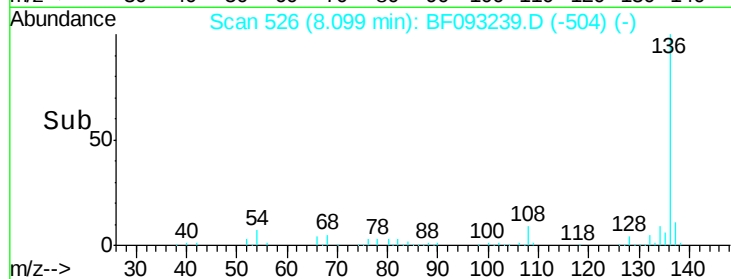
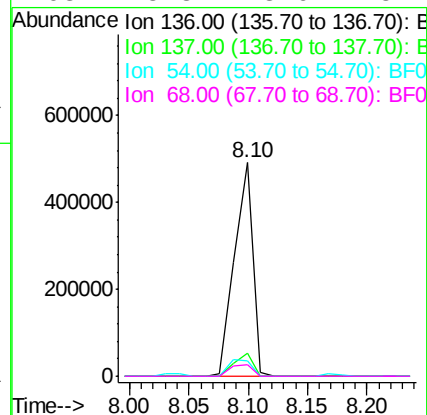
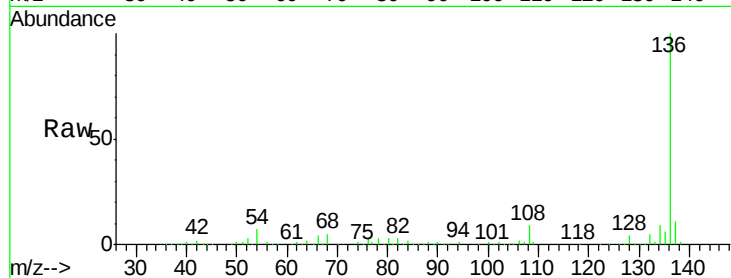
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.10 min Scan# 526
Delta R.T. -0.05 min
Lab File: BF093239.D
Acq: 28 Feb 2017 10:44

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Resp Lower	Upper
136	100		
137	10.7	8.4	12.6
54	7.5	4.5	6.7#
68	5.3	3.6	5.4

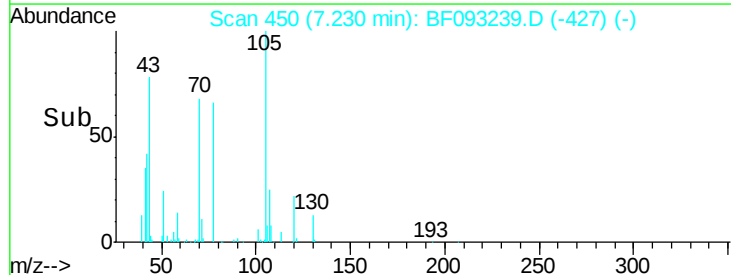
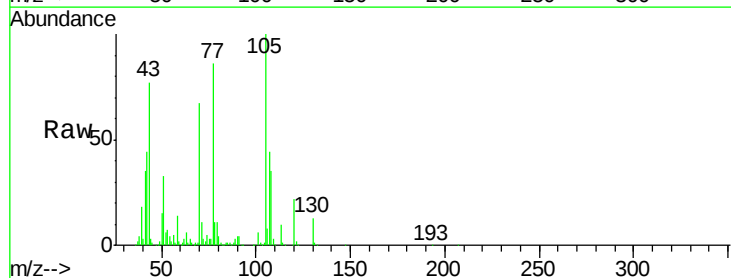
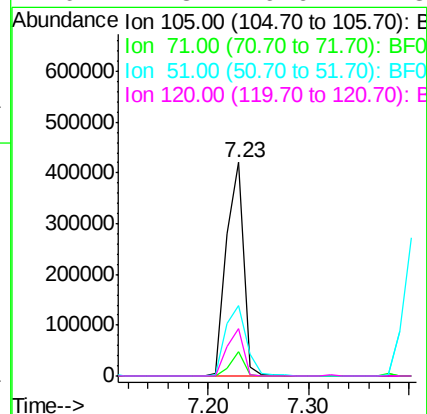
Manual Integrations
APPROVED

mohammad
3/1/2017 4:05:43 PM



#22
Acetophenone
Concen: 41.60 ng
RT: 7.23 min Scan# 450
Delta R.T. -0.03 min
Lab File: BF093239.D
Acq: 28 Feb 2017 10:44

Tgt Ion	Ratio	Resp Lower	Upper
105	100		
71	11.4	3.2	4.8#
51	33.1	26.2	39.4
120	22.3	16.6	24.8





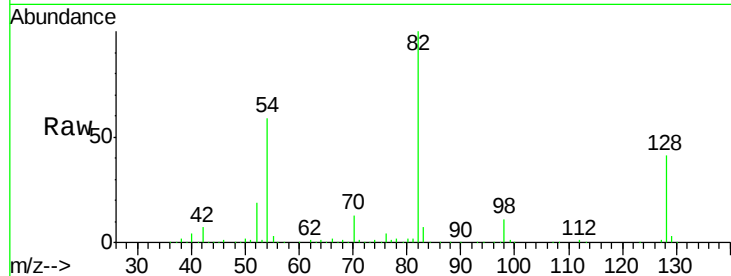
#23
 Nitrobenzene-d5
 Concen: 74.91 ng
 RT: 7.38 min Scan# 463
 Delta R.T. -0.05 min
 Lab File: BF093239.D
 Acq: 28 Feb 2017 10:44

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

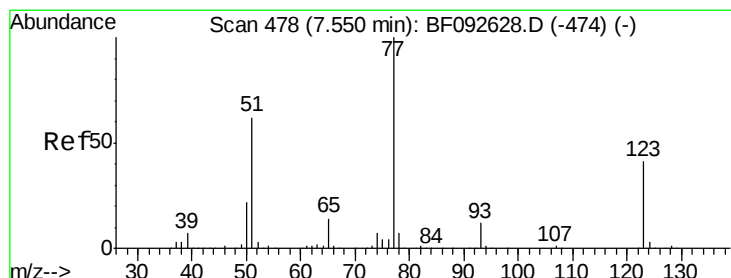
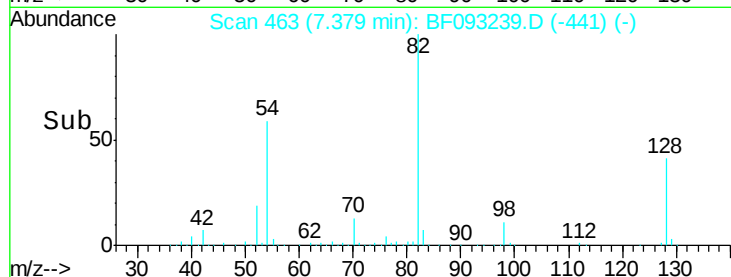
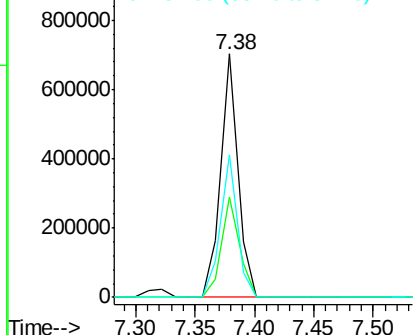
Tgt Ion	Ratio	Resp	Lower	Upper
82	100	710126		
128	41.1	34.6	52.0	
54	58.5	39.5	59.3	

Manual Integrations
 APPROVED

mohammad
 3/1/2017 4:05:43 PM



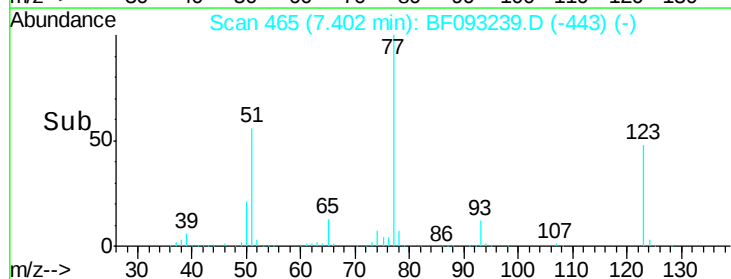
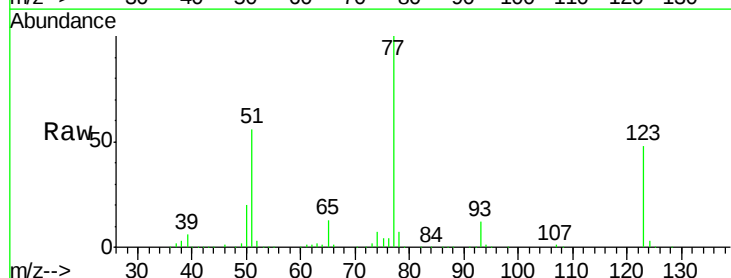
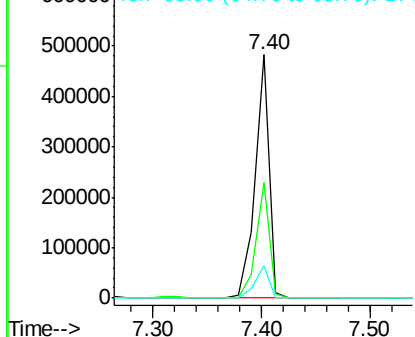
Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0



#24
 Nitrobenzene
 Concen: 44.45 ng
 RT: 7.40 min Scan# 465
 Delta R.T. -0.05 min
 Lab File: BF093239.D
 Acq: 28 Feb 2017 10:44

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	432694		
123	47.5	33.0	49.4	
65	13.2	11.2	16.8	

Abundance Ion 77.00 (76.70 to 77.70): BF0
 Ion 123.00 (122.70 to 123.70): B
 Ion 65.00 (64.70 to 65.70): BF0





#25

Isophorone

Concen: 41.94 ng

RT: 7.64 min Scan# 486

Delta R.T. -0.05 min

Lab File: BF093239.D

Acq: 28 Feb 2017 10:44

Instrument :

BNA_F

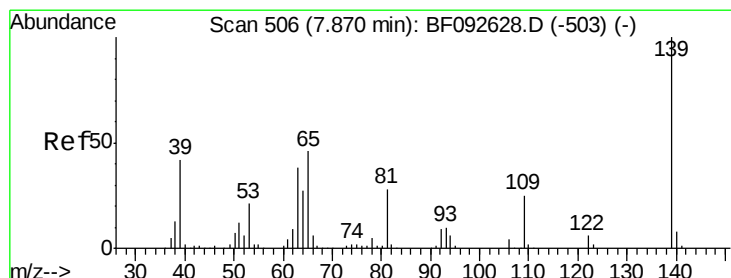
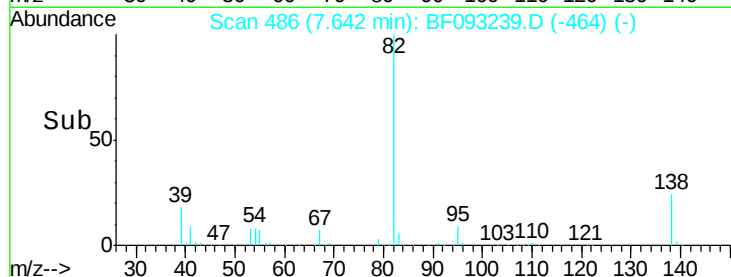
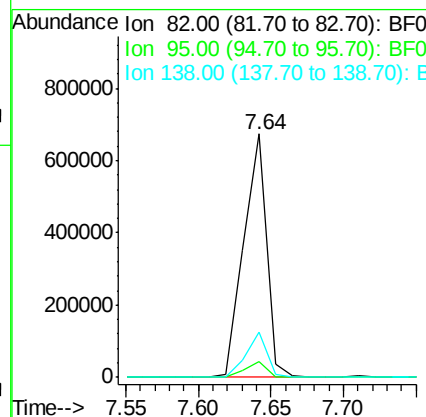
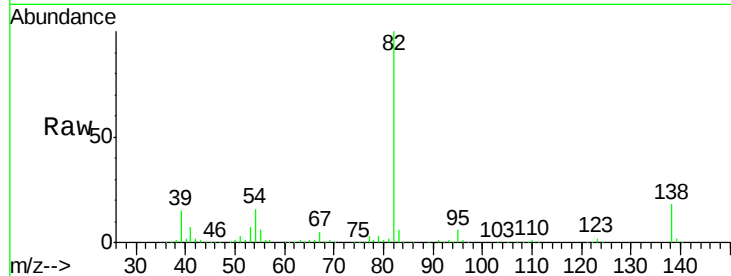
ClientSampleId :

SSTDCCC040

Tgt Ion:	82	Resp:	740839
Ion Ratio	Lower	Upper	
82	100		
95	6.5	5.6	8.4
138	18.4	14.6	22.0

Manual Integrations
APPROVED

mohammad
3/1/2017 4:05:43 PM



#26

2-Nitrophenol

Concen: 40.65 ng

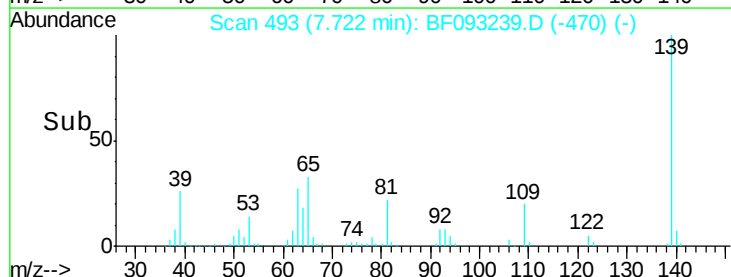
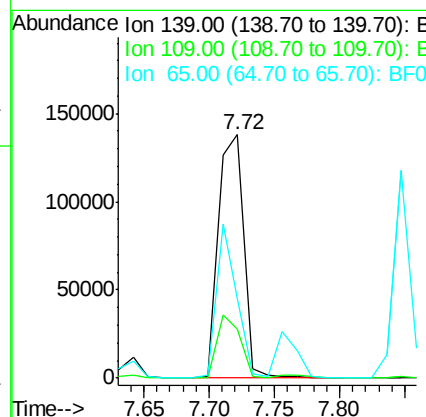
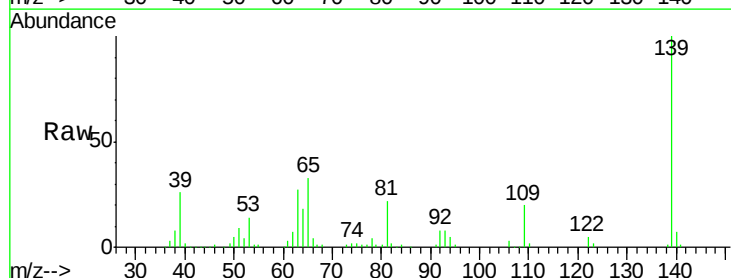
RT: 7.72 min Scan# 493

Delta R.T. -0.03 min

Lab File: BF093239.D

Acq: 28 Feb 2017 10:44

Tgt Ion:	139	Resp:	188091
Ion Ratio	Lower	Upper	
139	100		
109	20.3	23.3	34.9#
65	33.0	42.7	64.1#





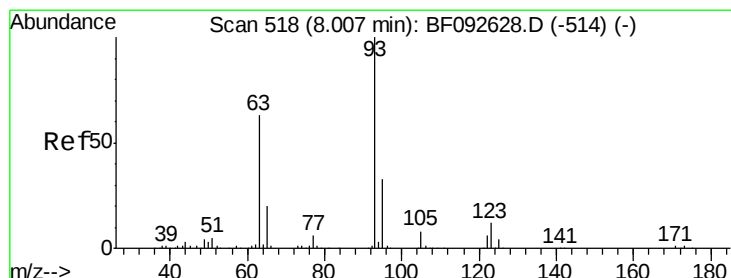
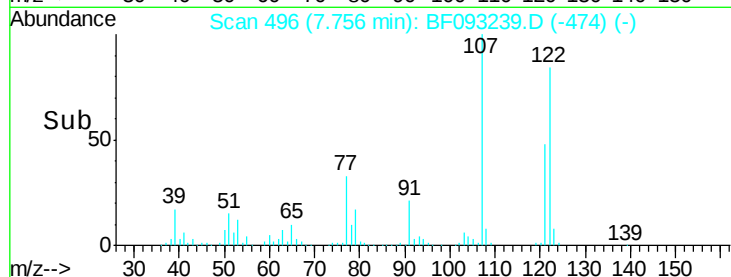
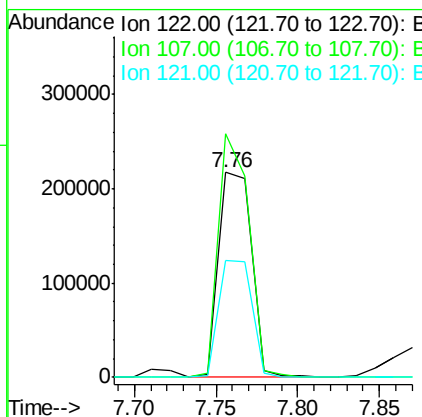
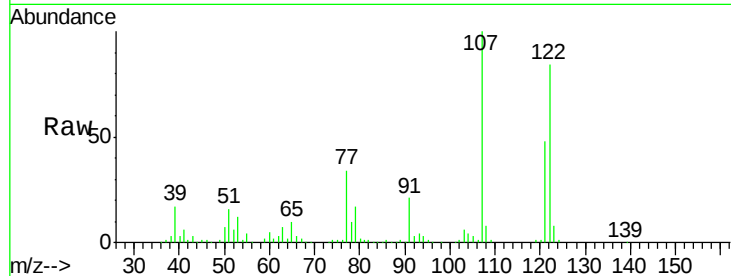
#27
2,4-Dimethylphenol
Concen: 37.37 ng
RT: 7.76 min Scan# 496
Delta R.T. -0.05 min
Lab File: BF093239.D
Acq: 28 Feb 2017 10:44

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	303690		
107	118.7	94.1	141.1	
121	57.2	46.0	69.0	

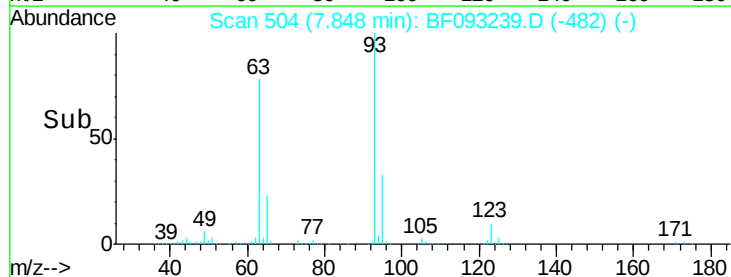
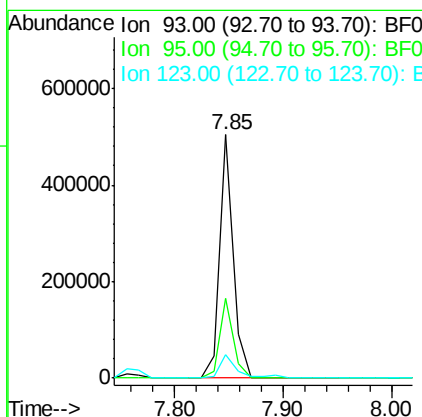
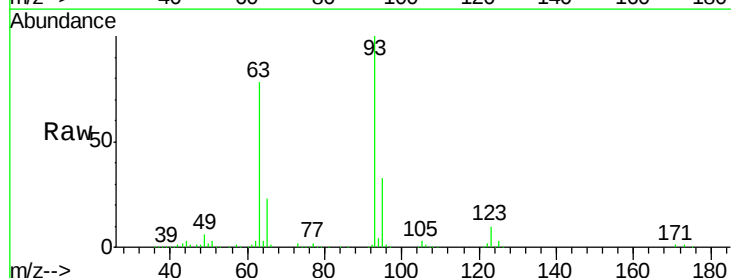
Manual Integrations
APPROVED

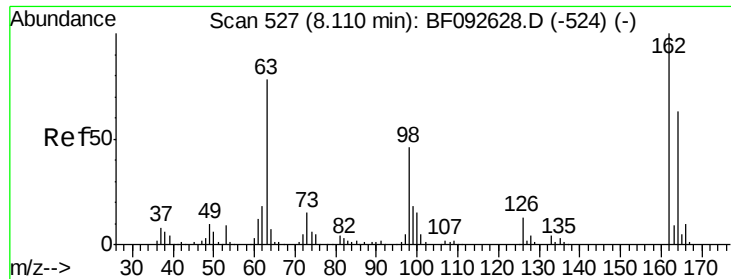
mohammad
3/1/2017 4:05:43 PM



#28
bis(2-Chloroethoxy)methane
Concen: 37.99 ng
RT: 7.85 min Scan# 504
Delta R.T. -0.05 min
Lab File: BF093239.D
Acq: 28 Feb 2017 10:44

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	444477		
95	32.6	26.5	39.7	
123	9.8	8.6	13.0	





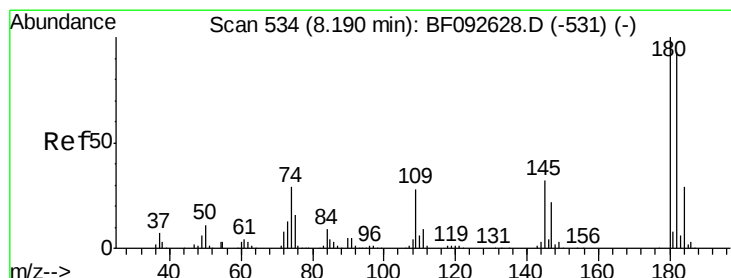
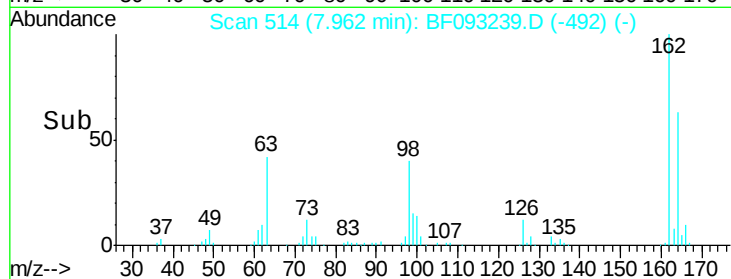
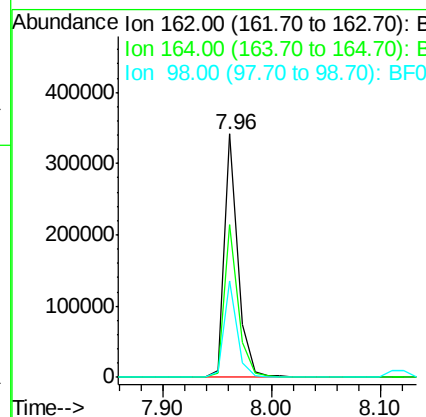
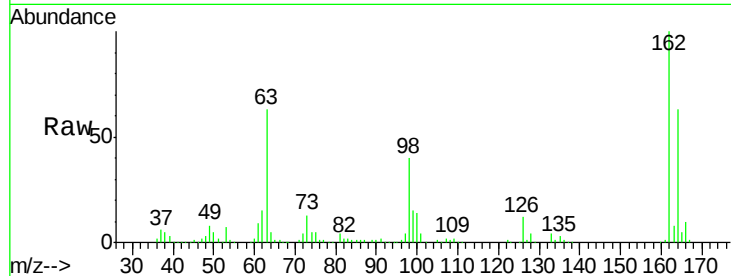
#29
2,4-Dichlorophenol
Concen: 39.95 ng
RT: 7.96 min Scan# 514
Delta R.T. -0.05 min
Lab File: BF093239.D
Acq: 28 Feb 2017 10:44

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
162	100	302803		
164	62.8	46.8	86.8	
98	39.6	9.1	49.1	

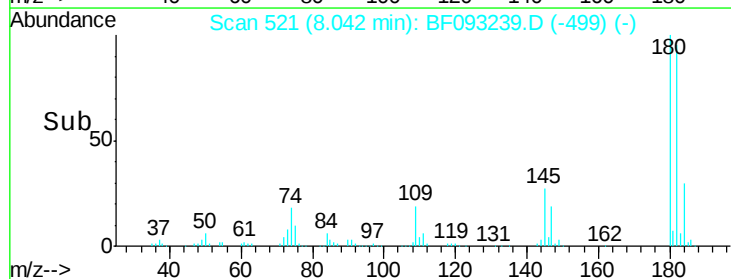
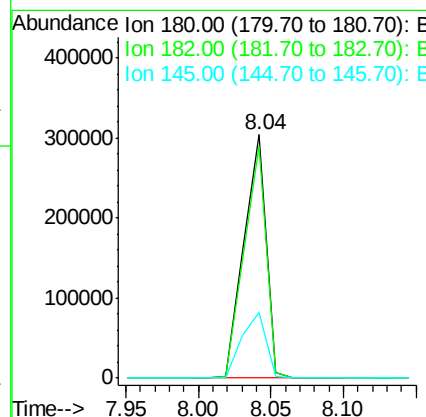
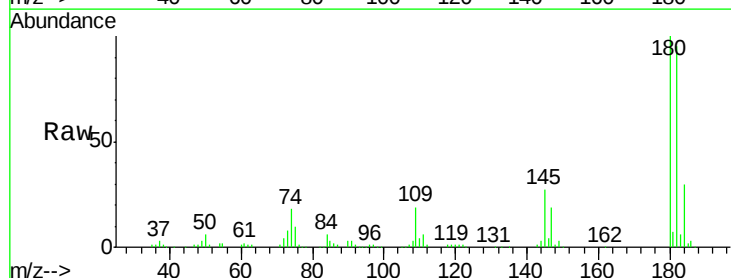
Manual Integrations
APPROVED

mohammad
3/1/2017 4:05:43 PM



#30
1,2,4-Trichlorobenzene
Concen: 39.54 ng
RT: 8.04 min Scan# 521
Delta R.T. -0.05 min
Lab File: BF093239.D
Acq: 28 Feb 2017 10:44

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	322953		
182	95.1	78.2	117.4	
145	27.2	21.6	32.4	





#31

Naphthalene

Concen: 38.59 ng

RT: 8.12 min Scan# 528

Delta R.T. -0.05 min

Lab File: BF093239.D

Acq: 28 Feb 2017 10:44

Instrument :

BNA_F

ClientSampleId :

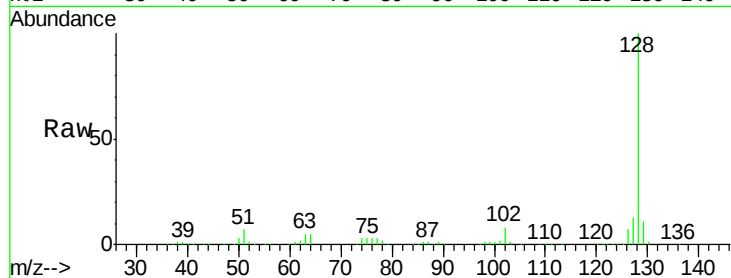
SSTDCCC040

Tgt Ion:128 Resp: 1032651

Ion	Ratio	Lower	Upper
128	100		
129	10.6	9.5	14.3
127	13.0	10.8	16.2

Manual Integrations
APPROVED

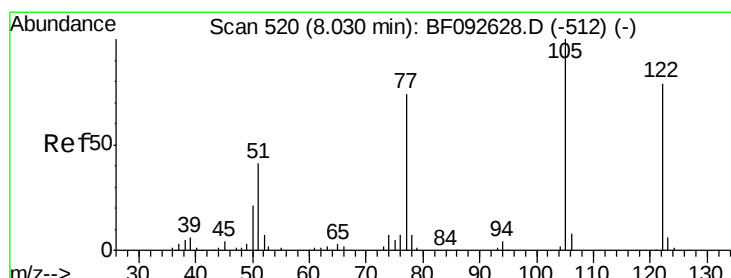
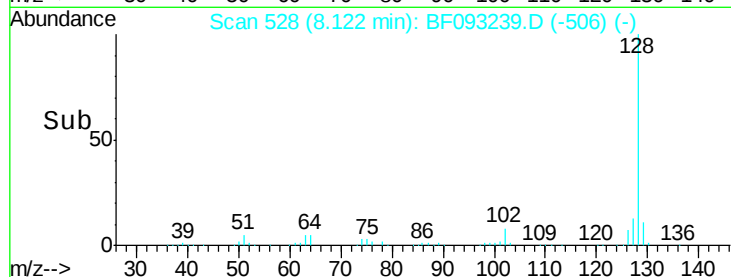
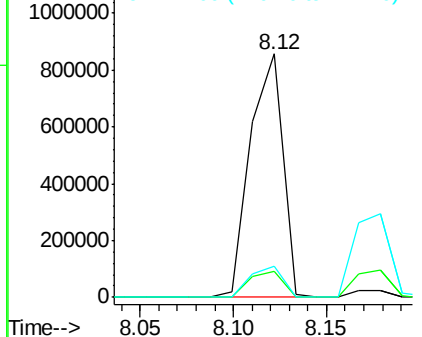
mohammad
3/1/2017 4:05:43 PM



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 33.29 ng

RT: 7.89 min Scan# 508

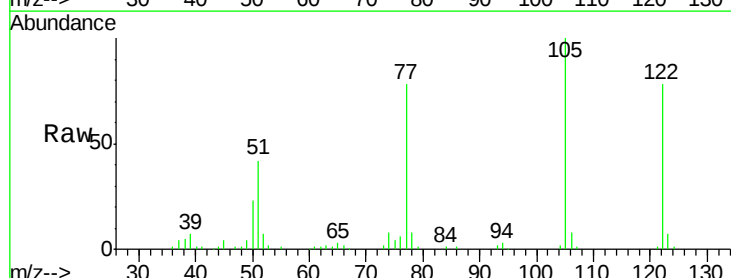
Delta R.T. -0.03 min

Lab File: BF093239.D

Acq: 28 Feb 2017 10:44

Tgt Ion:122 Resp: 141373

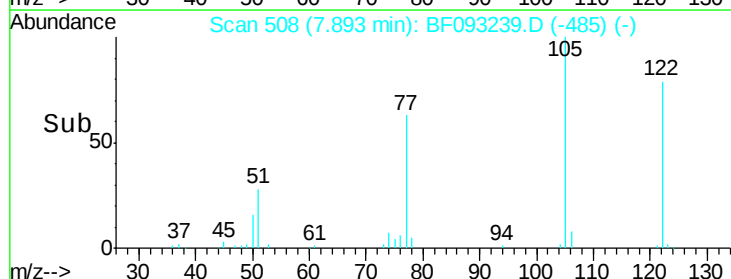
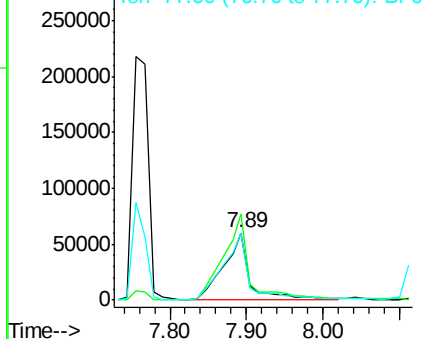
Ion	Ratio	Lower	Upper
122	100		
105	127.8	107.2	147.2
77	99.2	74.5	114.5



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0





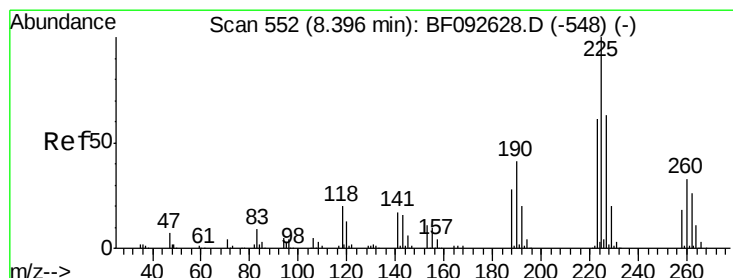
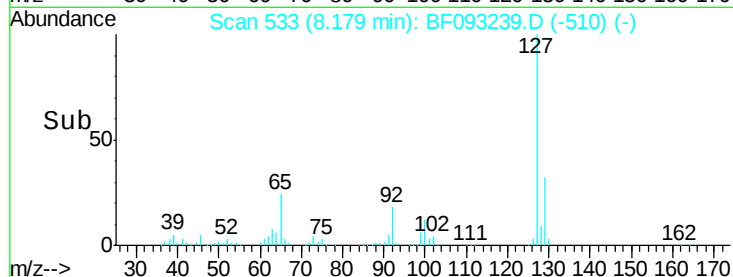
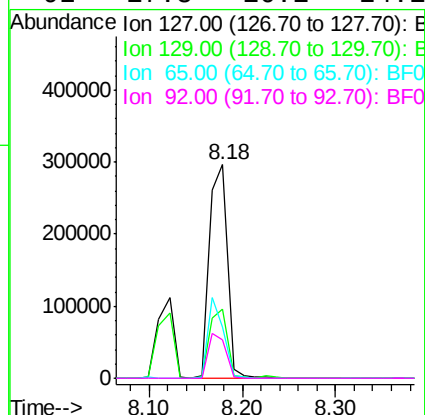
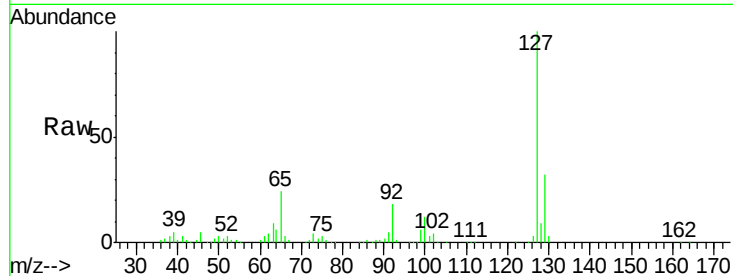
#33
4-Chloroaniline
Concen: 38.23 ng
RT: 8.18 min Scan# 533
Delta R.T. -0.03 min
Lab File: BF093239.D
Acq: 28 Feb 2017 10:44

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
127	100	401237		
129	32.1	26.3	39.5	
65	23.9	25.8	38.8	
92	17.8	16.1	24.1	

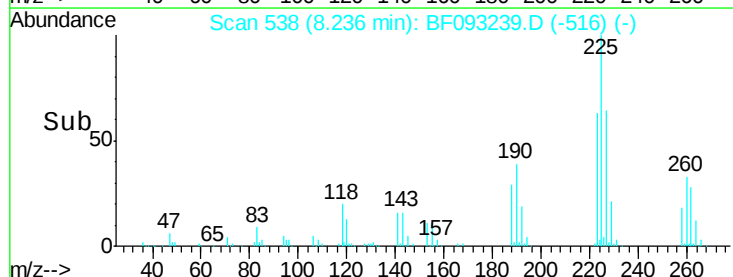
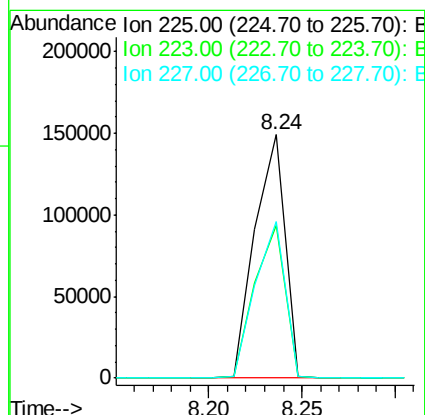
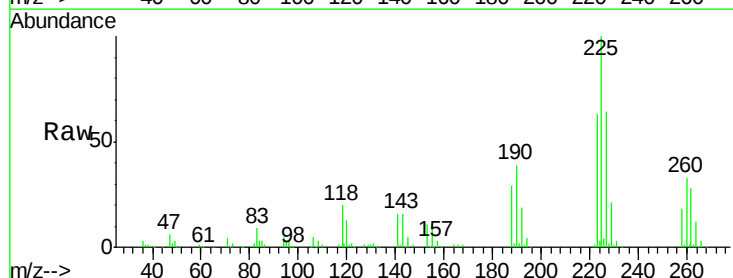
Manual Integrations
APPROVED

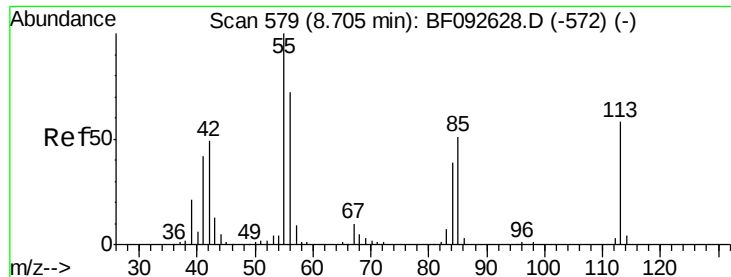
mohammad
3/1/2017 4:05:43 PM



#34
Hexachlorobutadiene
Concen: 37.15 ng
RT: 8.24 min Scan# 538
Delta R.T. -0.05 min
Lab File: BF093239.D
Acq: 28 Feb 2017 10:44

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	166933		
223	62.7	51.0	76.6	
227	64.5	50.6	76.0	





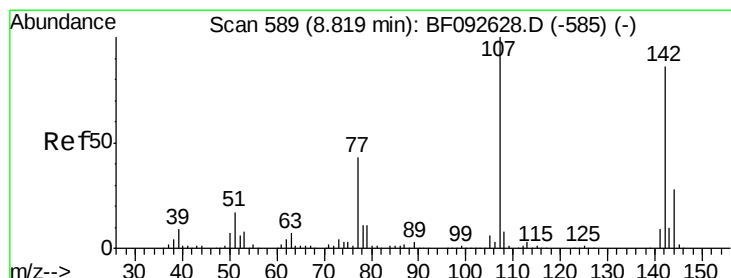
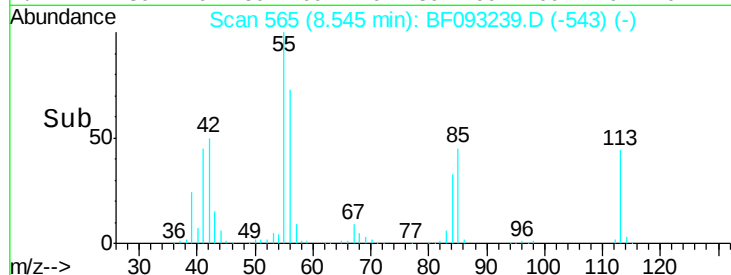
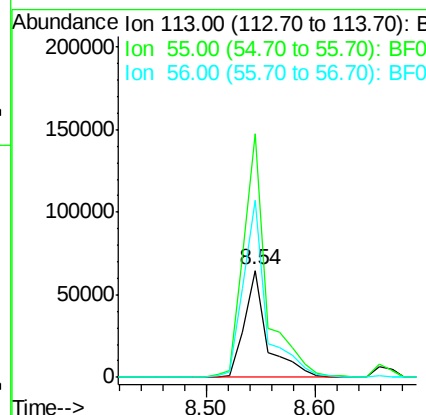
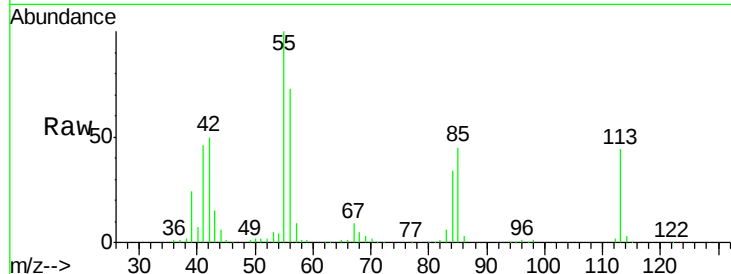
#35
Caprolactam
Concen: 39.39 ng
RT: 8.54 min Scan# 565
Delta R.T. -0.05 min
Lab File: BF093239.D
Acq: 28 Feb 2017 10:44

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
113	100		
55	227.4	119.2	159.2#
56	165.8	83.8	123.8#

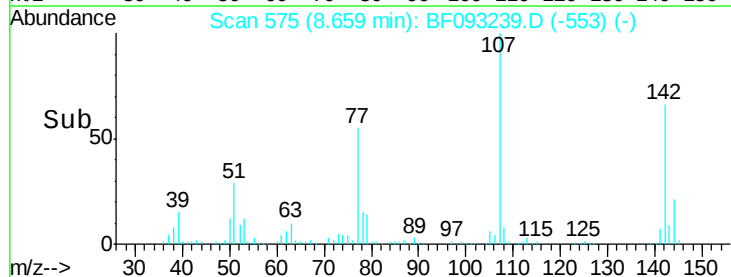
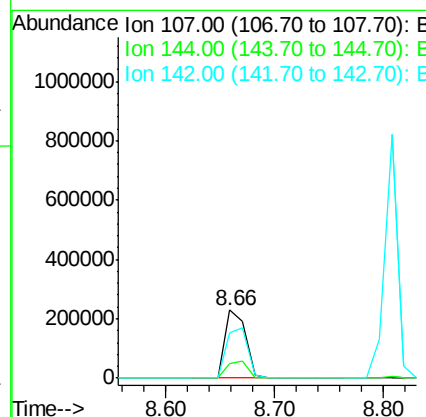
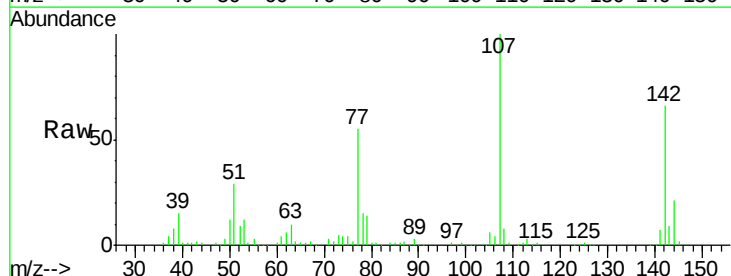
Manual Integrations
APPROVED

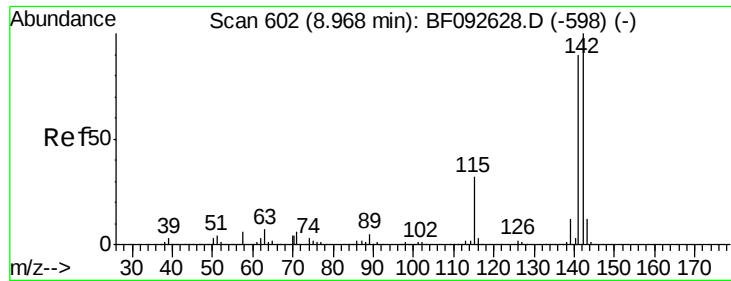
mohammad
3/1/2017 4:05:43 PM



#36
4-Chloro-3-methylphenol
Concen: 37.96 ng
RT: 8.66 min Scan# 575
Delta R.T. -0.05 min
Lab File: BF093239.D
Acq: 28 Feb 2017 10:44

Tgt Ion	Ratio	Lower	Upper
107	100		
144	21.1	19.3	28.9
142	66.2	59.0	88.6





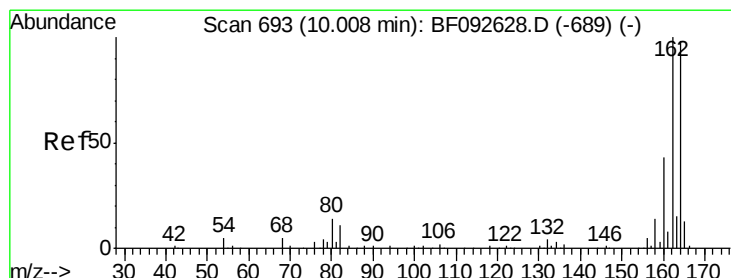
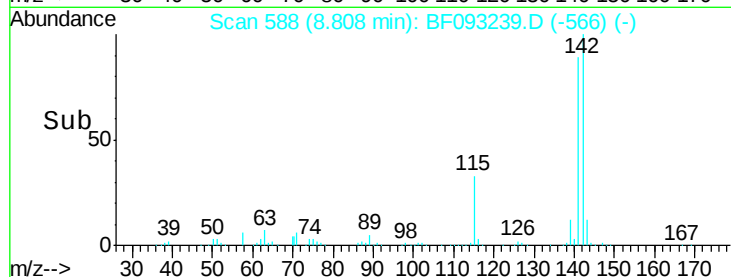
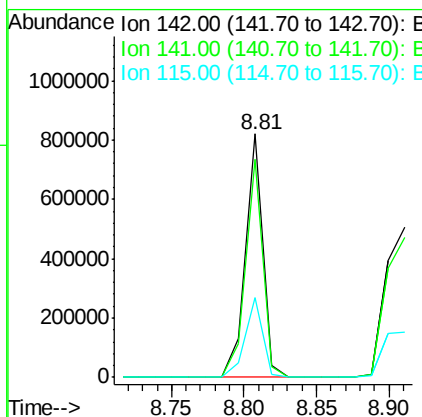
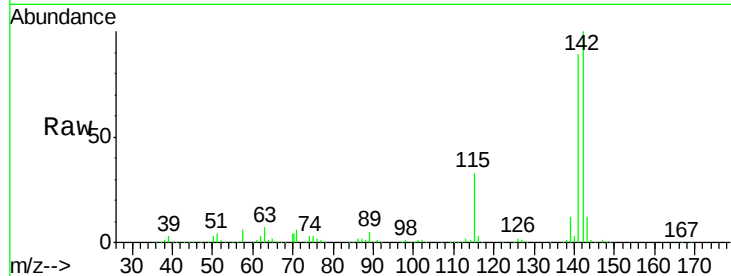
#37
2-Methylnaphthalene
Concen: 39.73 ng
RT: 8.81 min Scan# 588
Delta R.T. -0.05 min
Lab File: BF093239.D
Acq: 28 Feb 2017 10:44

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
142	100		
141	89.3	71.0	106.6
115	32.5	28.3	42.5

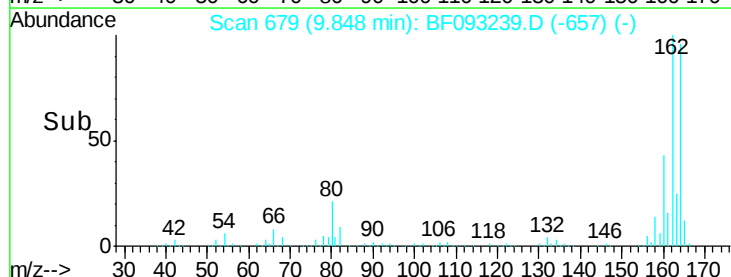
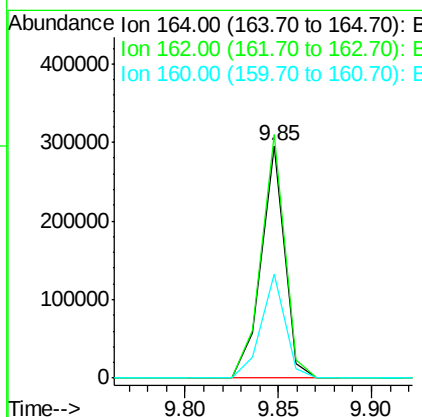
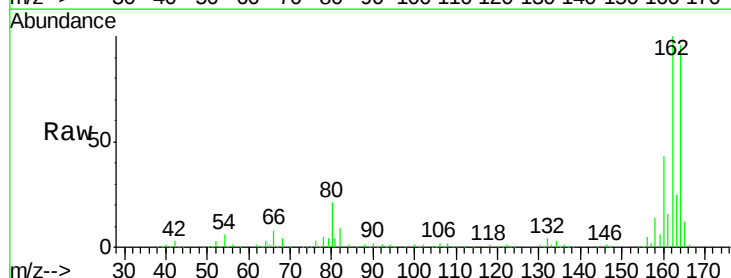
Manual Integrations
APPROVED

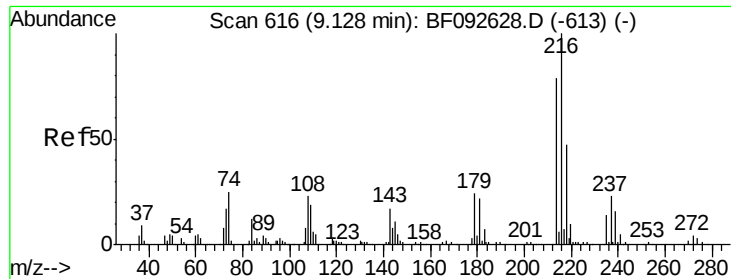
mohammad
3/1/2017 4:05:43 PM



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.85 min Scan# 679
Delta R.T. -0.05 min
Lab File: BF093239.D
Acq: 28 Feb 2017 10:44

Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.7	80.2	120.2
160	44.5	36.9	55.3





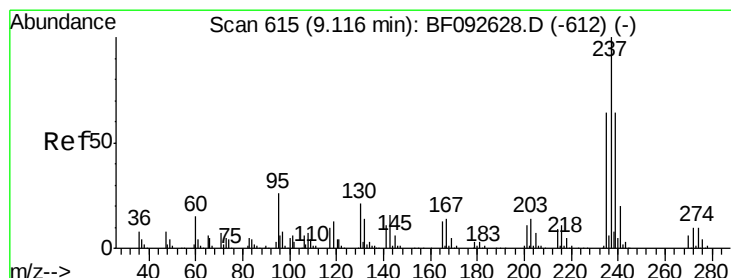
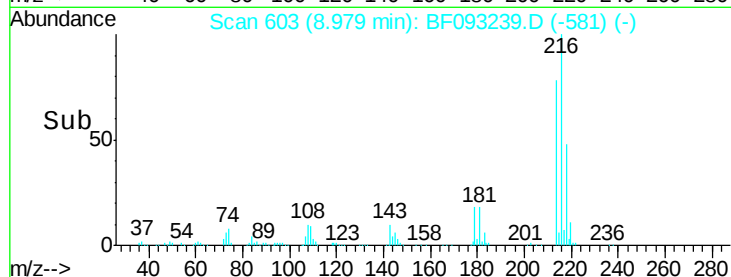
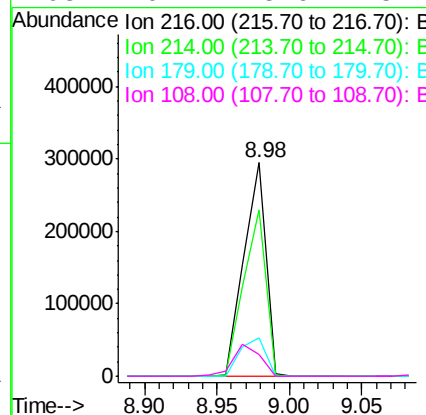
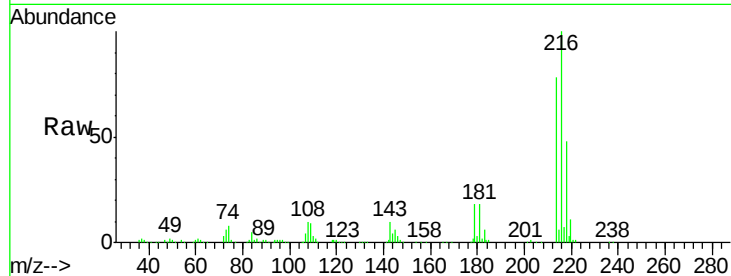
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 43.46 ng
 RT: 8.98 min Scan# 603
 Delta R.T. -0.05 min
 Lab File: BF093239.D
 Acq: 28 Feb 2017 10:44

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion:	216	Resp:	312031
Ion Ratio	Lower	Upper	
216	100		
214	78.9	63.4	95.0
179	20.7	17.4	26.2
108	19.2	15.6	23.4

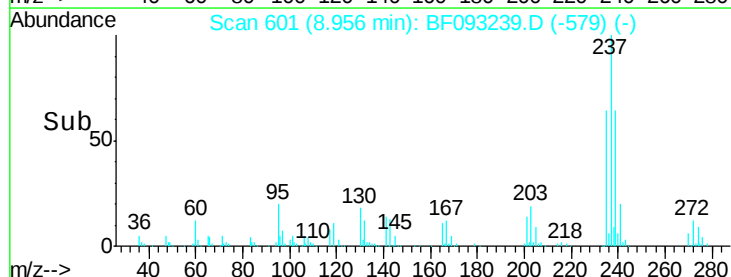
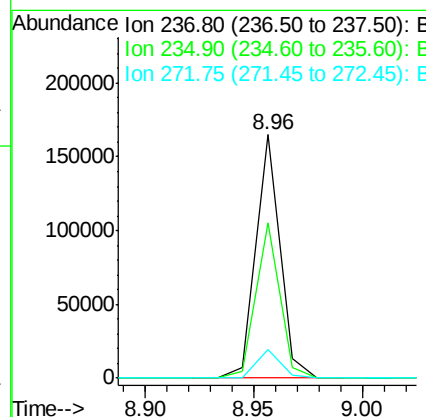
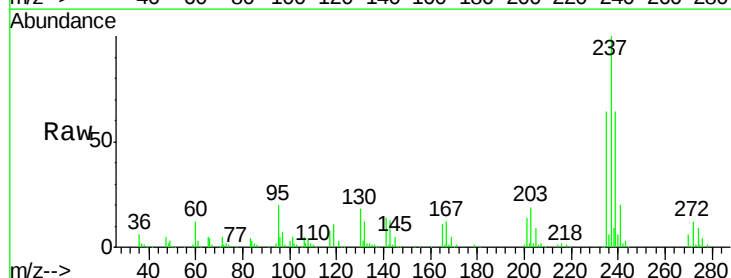
Manual Integrations
 APPROVED

mohammad
 3/1/2017 4:05:43 PM



#40
 Hexachlorocyclopentadiene
 Concen: 39.27 ng
 RT: 8.96 min Scan# 601
 Delta R.T. -0.05 min
 Lab File: BF093239.D
 Acq: 28 Feb 2017 10:44

Tgt Ion:	237	Resp:	127228
Ion Ratio	Lower	Upper	
237	100		
235	63.9	41.2	81.2
272	11.5	0.0	35.4





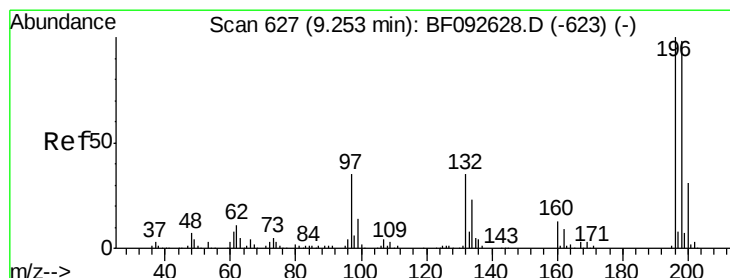
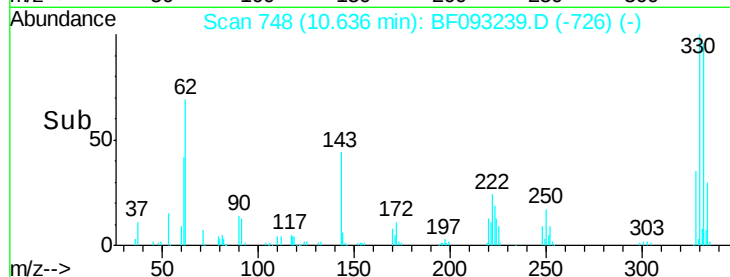
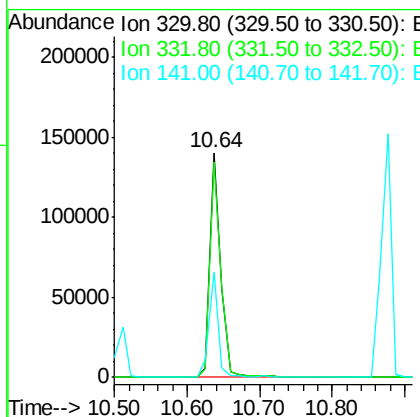
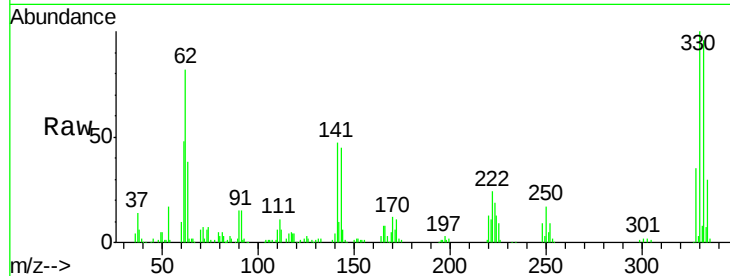
#41
 2,4,6-Tribromophenol
 Concen: 78.79 ng
 RT: 10.64 min Scan# 748
 Delta R.T. -0.05 min
 Lab File: BF093239.D
 Acq: 28 Feb 2017 10:44

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	145755		
332	97.1	77.4	116.2	
141	39.8	34.1	51.1	

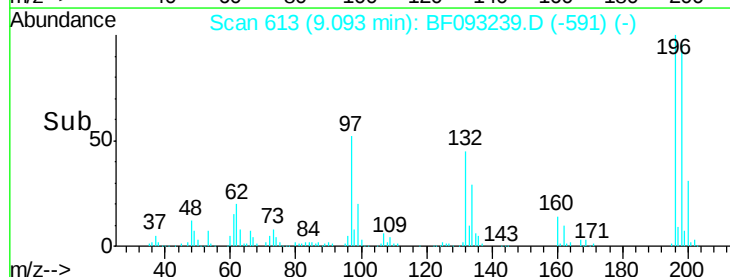
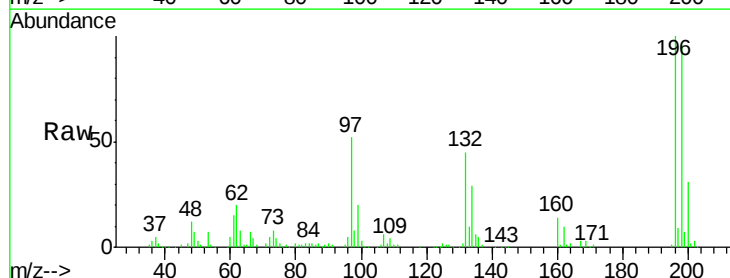
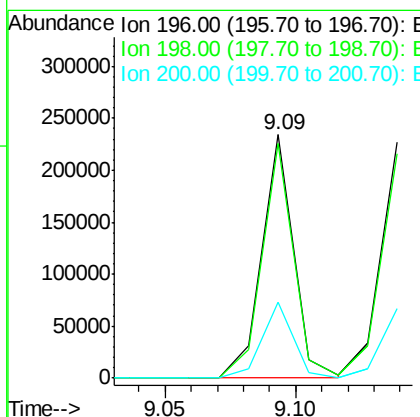
Manual Integrations
 APPROVED

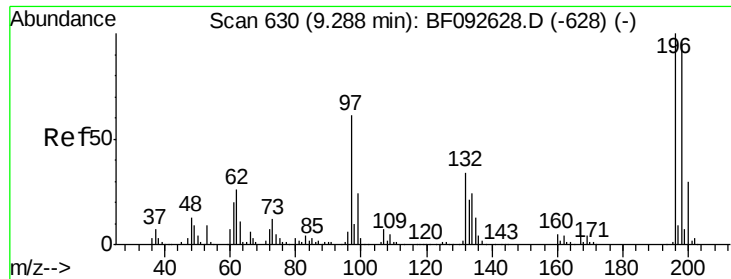
mohammad
 3/1/2017 4:05:43 PM



#42
 2,4,6-Trichlorophenol
 Concen: 41.58 ng
 RT: 9.09 min Scan# 613
 Delta R.T. -0.05 min
 Lab File: BF093239.D
 Acq: 28 Feb 2017 10:44

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	196192		
198	96.1	82.1	123.1	
200	31.3	27.0	40.4	





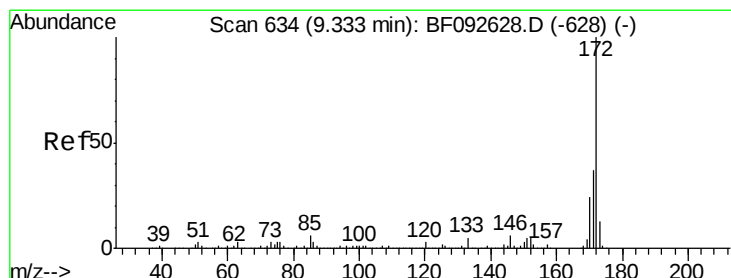
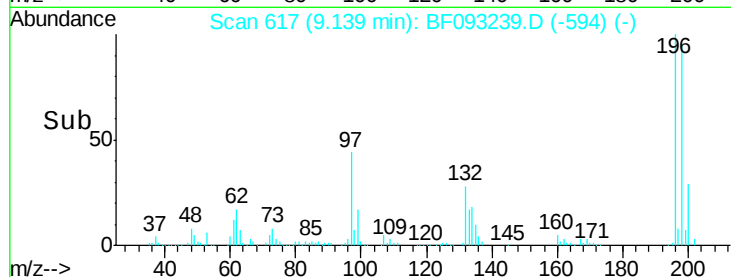
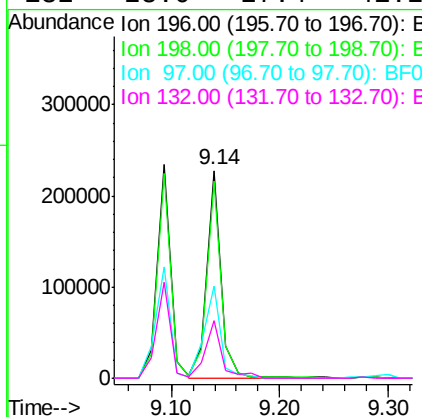
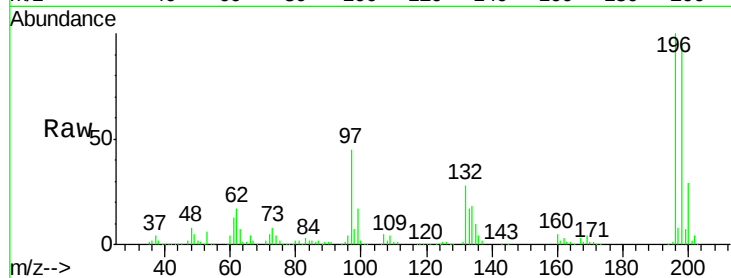
#43
2,4,5-Trichlorophenol
Concen: 40.80 ng
RT: 9.14 min Scan# 617
Delta R.T. -0.03 min
Lab File: BF093239.D
Acq: 28 Feb 2017 10:44

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	210931		
198	94.9	79.4	119.2	
97	44.6	51.5	77.3	
132	28.0	27.4	41.2	

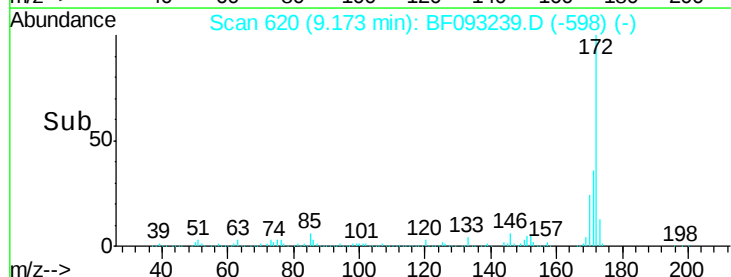
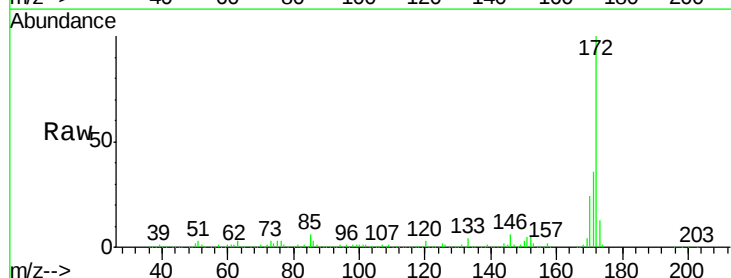
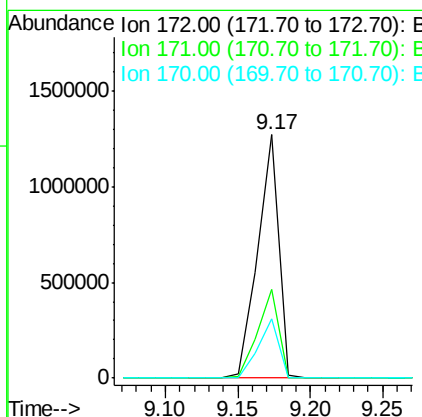
Manual Integrations
APPROVED

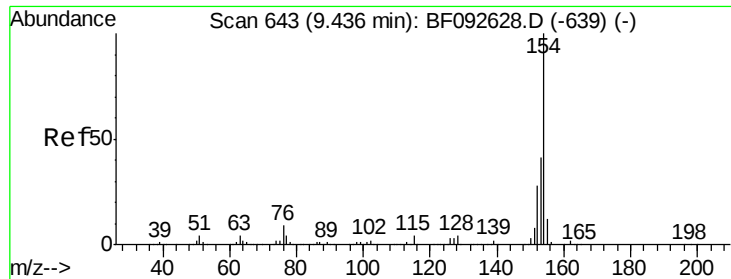
mohammad
3/1/2017 4:05:43 PM



#44
2-Fluorobiphenyl
Concen: 90.39 ng
RT: 9.17 min Scan# 620
Delta R.T. -0.05 min
Lab File: BF093239.D
Acq: 28 Feb 2017 10:44

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1276272		
171	36.5	29.4	44.0	
170	24.1	20.2	30.4	





#45

1,1'-Biphenyl

Concen: 42.52 ng

RT: 9.28 min Scan# 629

Delta R.T. -0.05 min

Lab File: BF093239.D

Acq: 28 Feb 2017 10:44

Instrument :

BNA_F

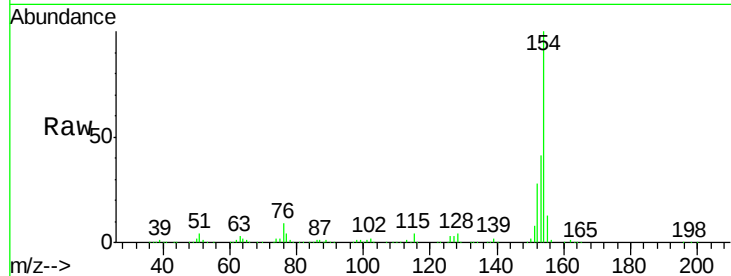
ClientSampleId :

SSTDCCC040

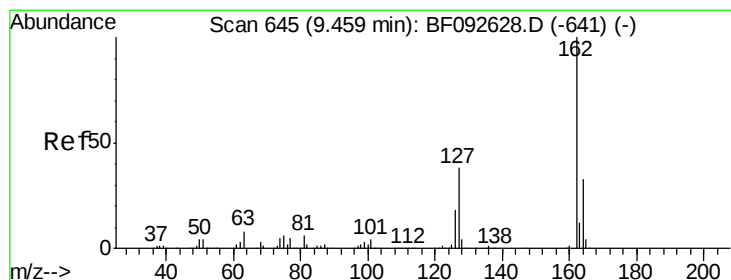
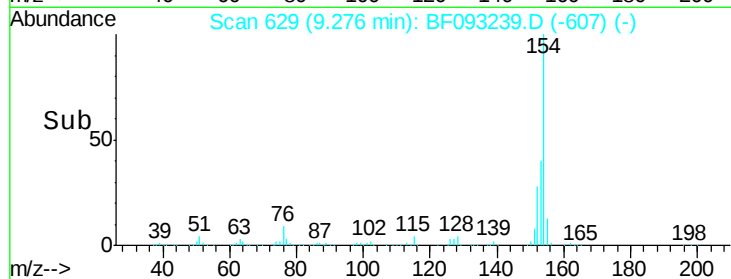
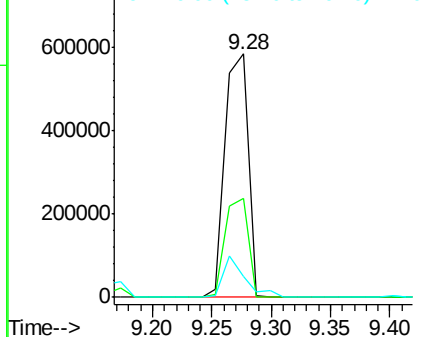
Tgt Ion:	154	Resp:	787513
Ion Ratio	Lower	Upper	
154	100		
153	40.6	20.9	60.9
76	8.8	0.0	30.5

Manual Integrations
APPROVED

mohammad
3/1/2017 4:05:43 PM



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



#46

2-Chloronaphthalene

Concen: 45.68 ng

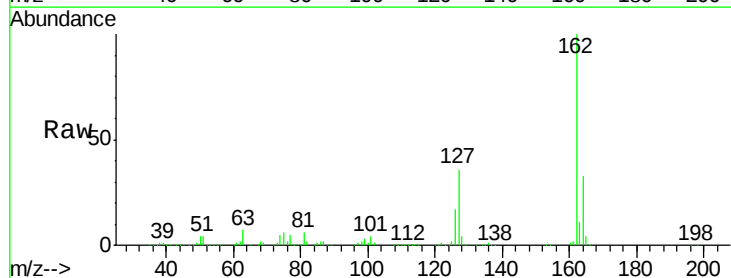
RT: 9.30 min Scan# 631

Delta R.T. -0.05 min

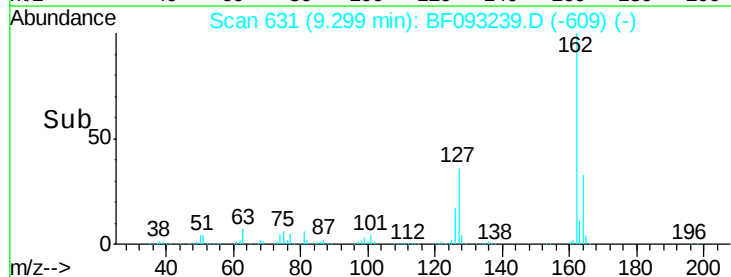
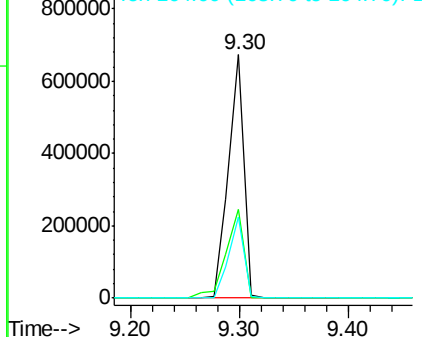
Lab File: BF093239.D

Acq: 28 Feb 2017 10:44

Tgt Ion:	162	Resp:	661807
Ion Ratio	Lower	Upper	
162	100		
127	36.4	30.7	46.1
164	33.3	27.6	41.4



Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E





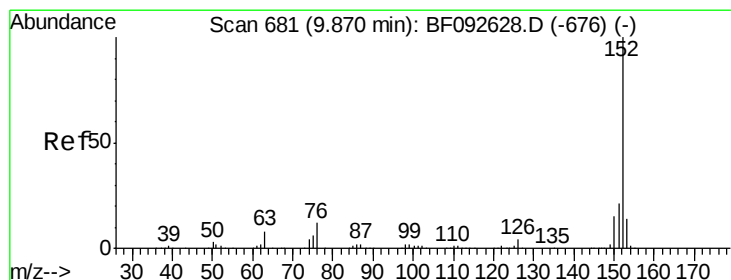
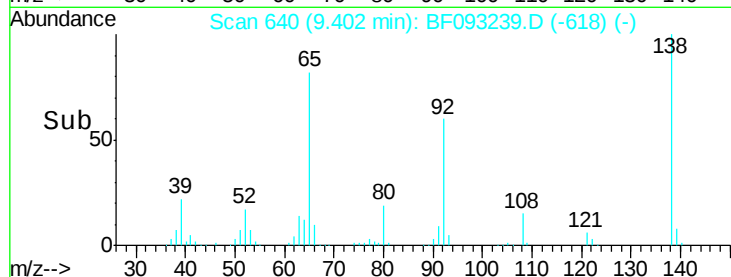
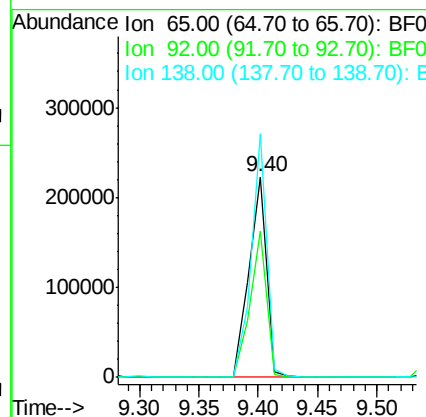
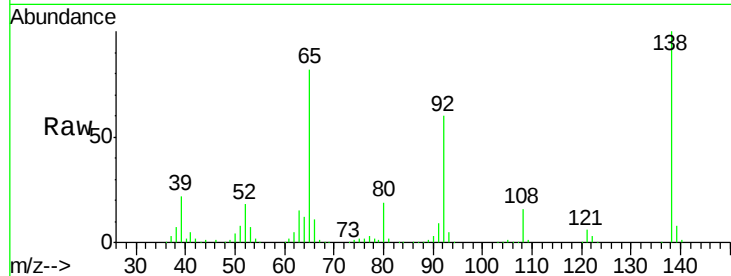
#47
2-Nitroaniline
Concen: 47.58 ng
RT: 9.40 min Scan# 640
Delta R.T. -0.05 min
Lab File: BF093239.D
Acq: 28 Feb 2017 10:44

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
65	100		
92	73.4	53.9	80.9
138	121.6	76.8	115.2

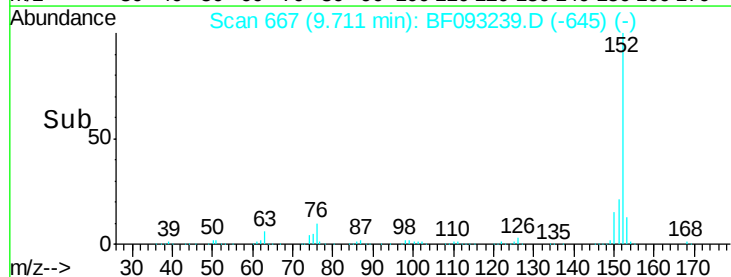
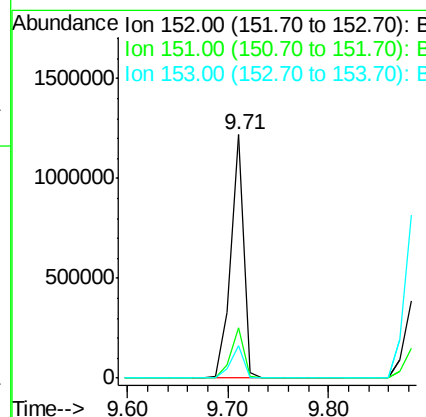
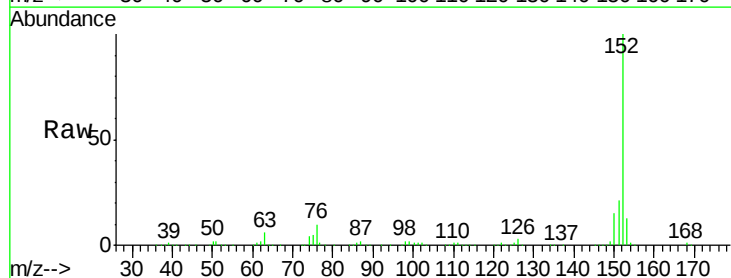
Manual Integrations
APPROVED

mohammad
3/1/2017 4:05:43 PM



#48
Acenaphthylene
Concen: 43.56 ng
RT: 9.71 min Scan# 667
Delta R.T. -0.05 min
Lab File: BF093239.D
Acq: 28 Feb 2017 10:44

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.9	16.9	25.3
153	13.2	11.4	17.2





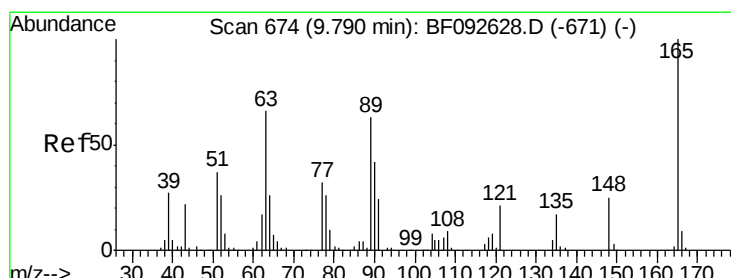
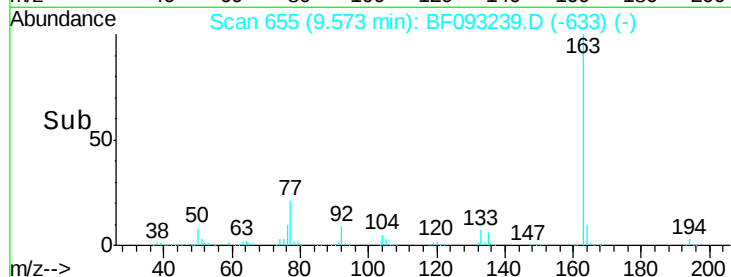
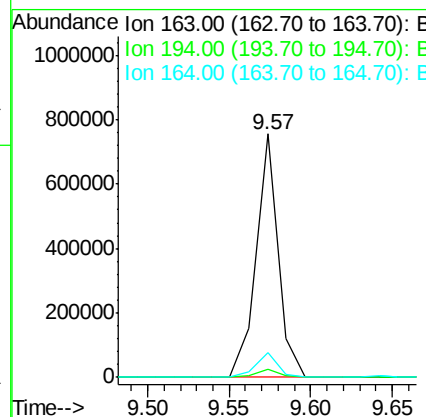
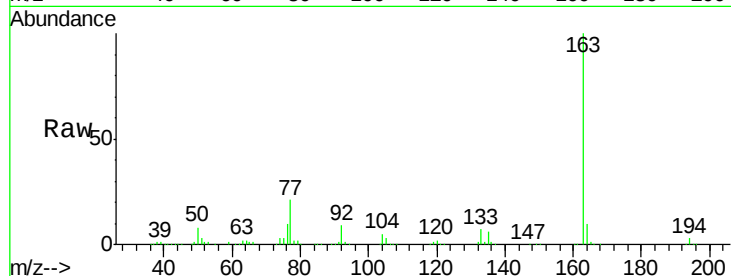
#49
Dimethylphthalate
Concen: 41.19 ng
RT: 9.57 min Scan# 655
Delta R.T. -0.05 min
Lab File: BF093239.D
Acq: 28 Feb 2017 10:44

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Resp Lower	Resp Upper
163	100		
194	3.3	3.0	4.4
164	10.4	8.0	12.0

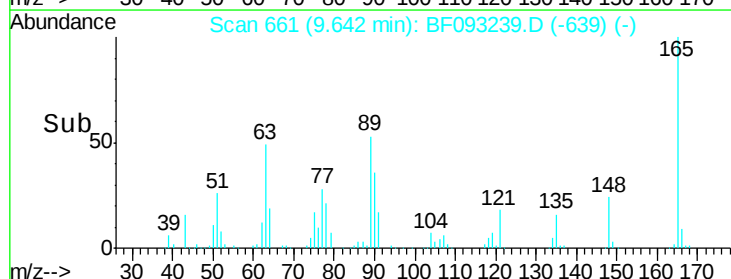
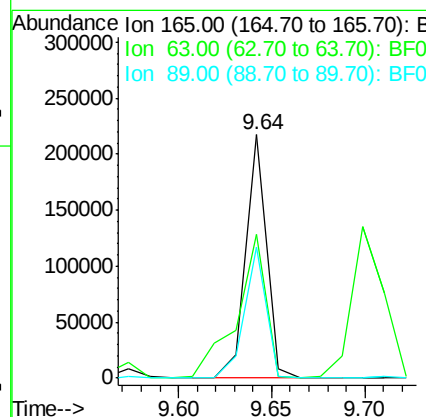
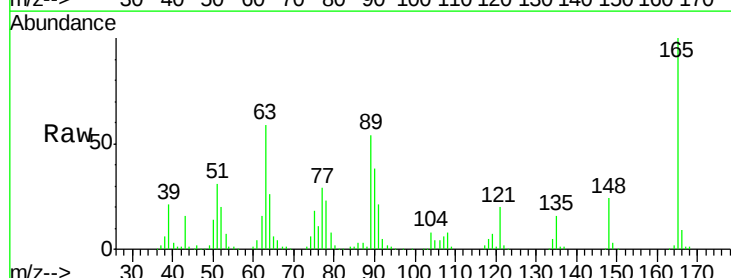
Manual Integrations
APPROVED

mohammad
3/1/2017 4:05:43 PM



#50
2,6-Dinitrotoluene
Concen: 45.67 ng
RT: 9.64 min Scan# 661
Delta R.T. -0.05 min
Lab File: BF093239.D
Acq: 28 Feb 2017 10:44

Tgt Ion	Ratio	Resp Lower	Resp Upper
165	100		
63	58.9	36.2	54.4#
89	53.7	40.2	60.4





#51

Acenaphthene

Concen: 41.42 ng

RT: 9.88 min Scan# 682

Delta R.T. -0.05 min

Lab File: BF093239.D

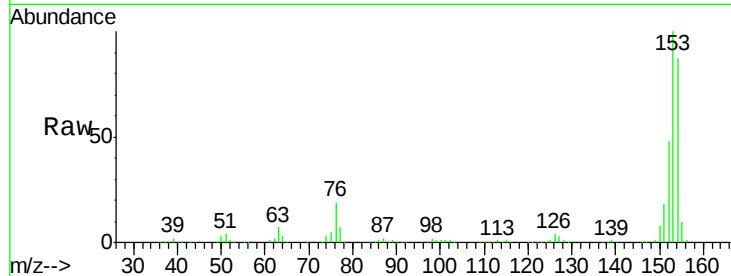
Acq: 28 Feb 2017 10:44

Instrument :

BNA_F

ClientSampleId :

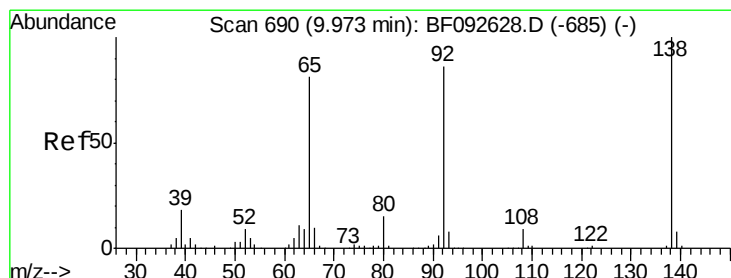
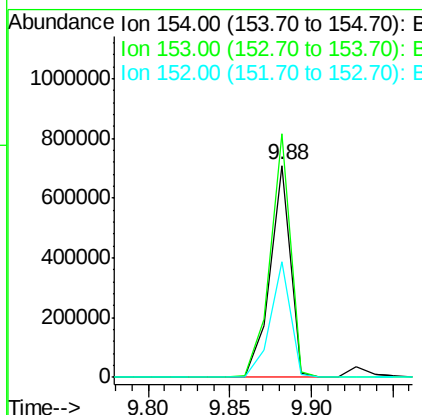
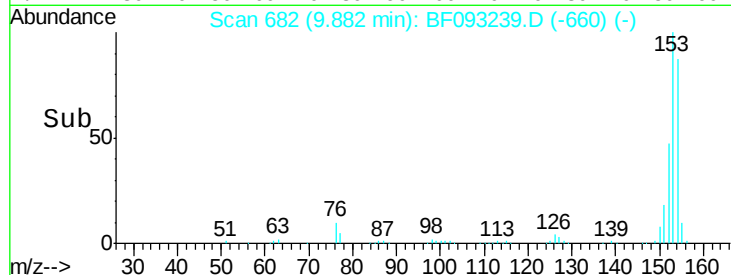
SSTDCCC040



Tgt Ion:	154	Resp:	619880
Ion Ratio	Lower	Upper	
154	100		
153	114.8	88.6	133.0
152	54.8	41.6	62.4

Manual Integrations
APPROVED

mohammad
3/1/2017 4:05:43 PM



#52

3-Nitroaniline

Concen: 48.25 ng

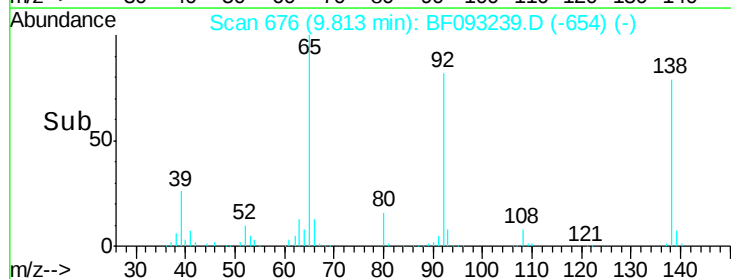
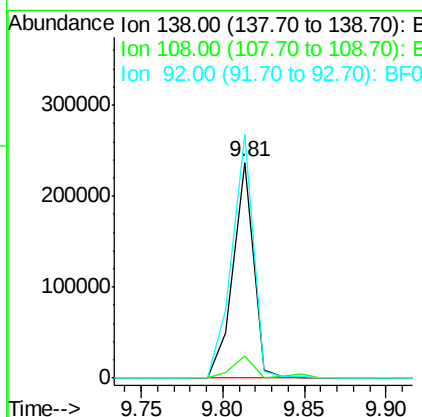
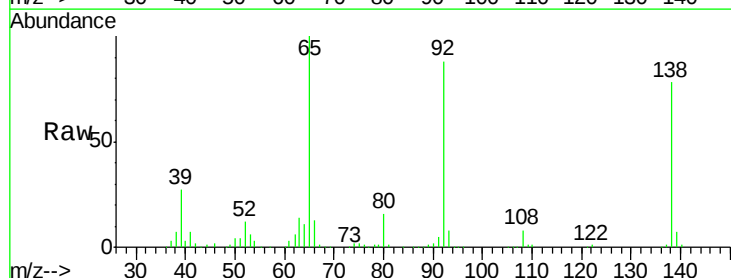
RT: 9.81 min Scan# 676

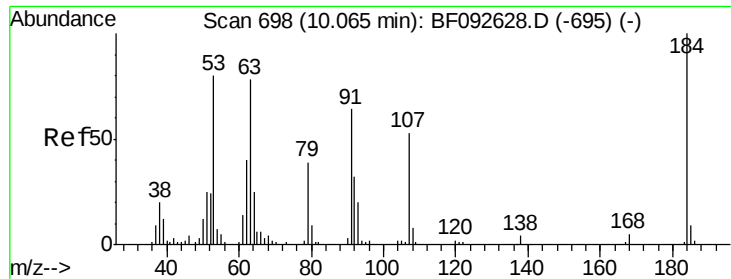
Delta R.T. -0.05 min

Lab File: BF093239.D

Acq: 28 Feb 2017 10:44

Tgt Ion:	138	Resp:	205462
Ion Ratio	Lower	Upper	
138	100		
108	10.3	8.5	12.7
92	112.9	97.8	146.8





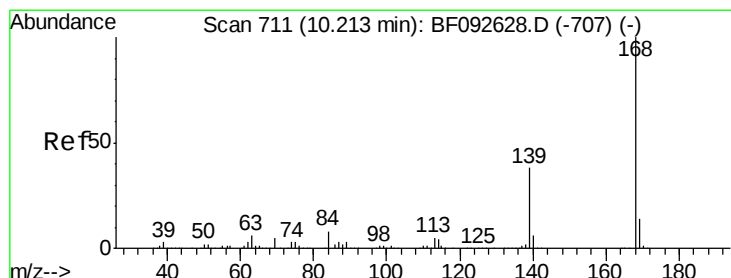
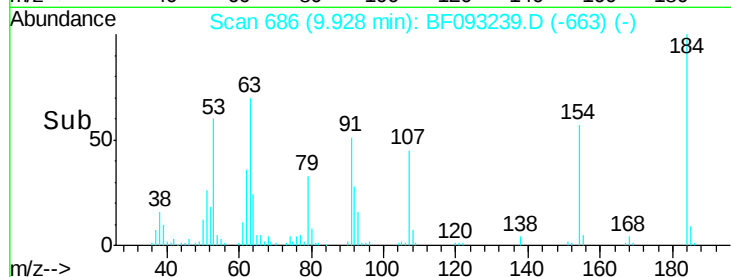
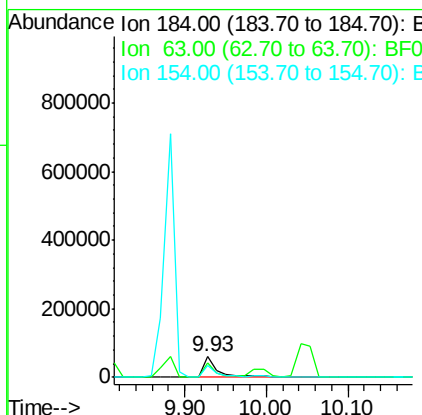
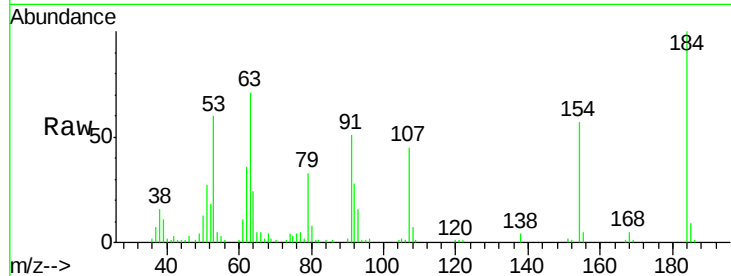
#53
2,4-Dinitrophenol
Concen: 45.05 ng
RT: 9.93 min Scan# 686
Delta R.T. -0.03 min
Lab File: BF093239.D
Acq: 28 Feb 2017 10:44

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	81117		
63	71.0	28.4	42.6#	
154	57.2	44.3	66.5	

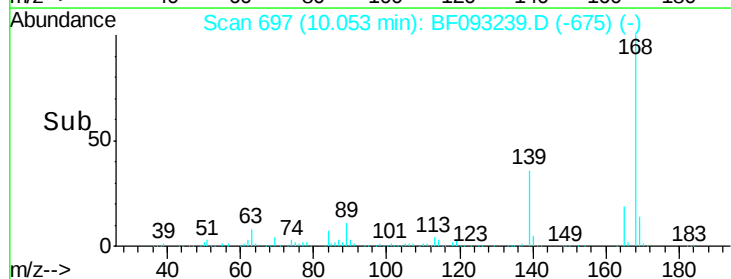
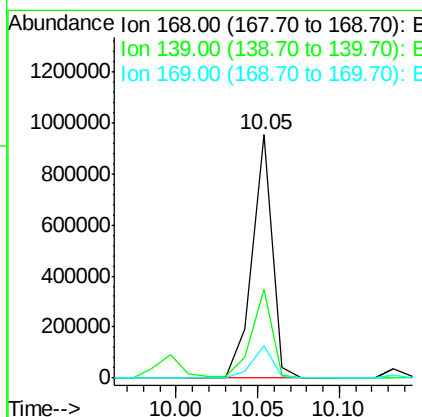
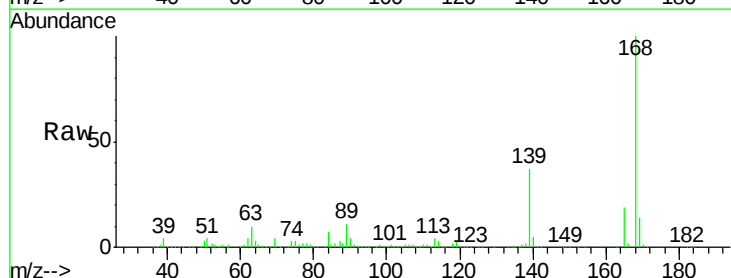
Manual Integrations
APPROVED

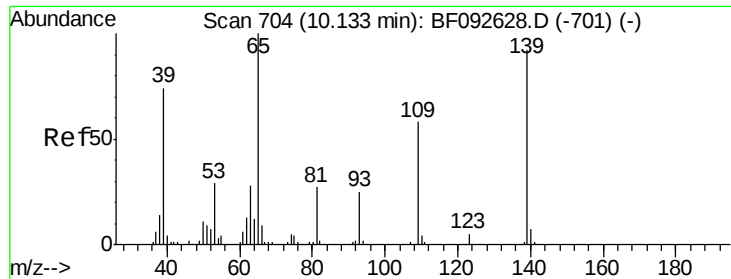
mohammad
3/1/2017 4:05:43 PM



#54
Dibenzofuran
Concen: 40.90 ng
RT: 10.05 min Scan# 697
Delta R.T. -0.05 min
Lab File: BF093239.D
Acq: 28 Feb 2017 10:44

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	818606		
139	36.5	32.6	49.0	
169	13.5	11.3	16.9	





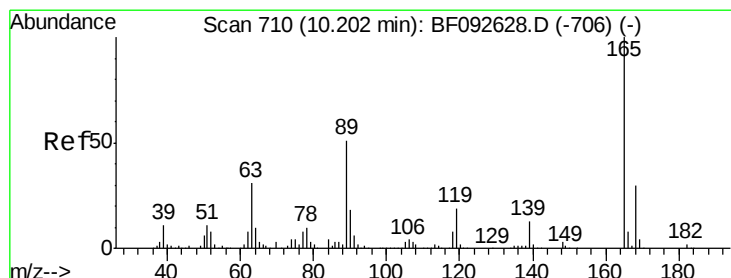
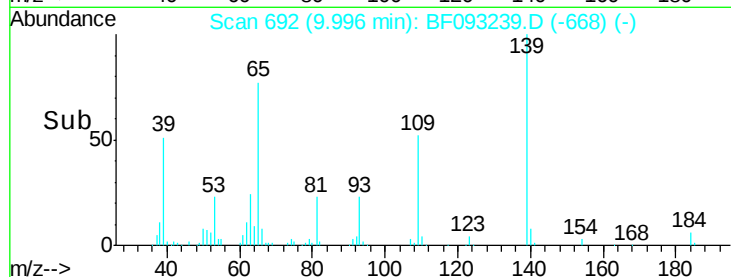
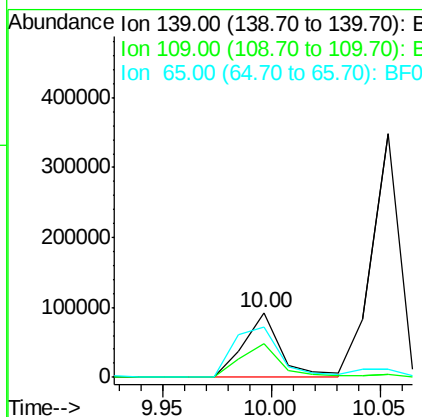
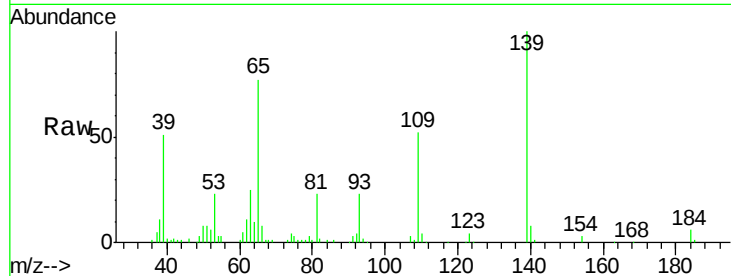
#55
4-Nitrophenol
Concen: 35.79 ng
RT: 10.00 min Scan# 692
Delta R.T. -0.02 min
Lab File: BF093239.D
Acq: 28 Feb 2017 10:44

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	109770		
109	51.5	52.2	92.2#	
65	77.2	85.8	125.8#	

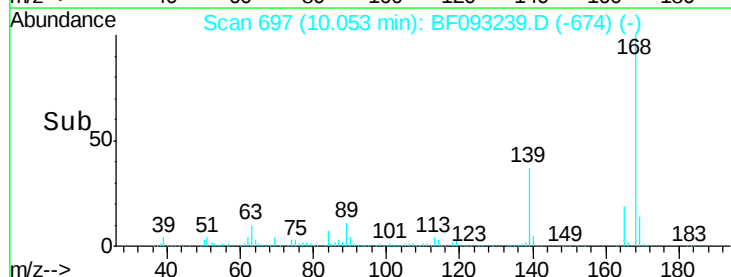
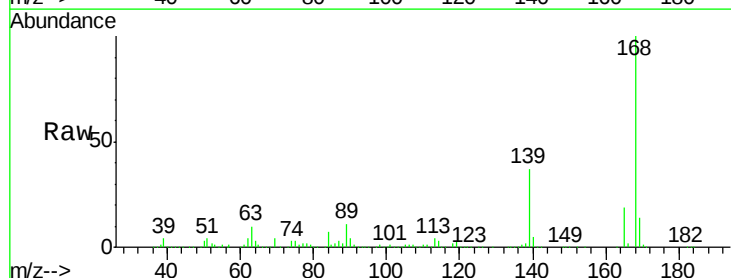
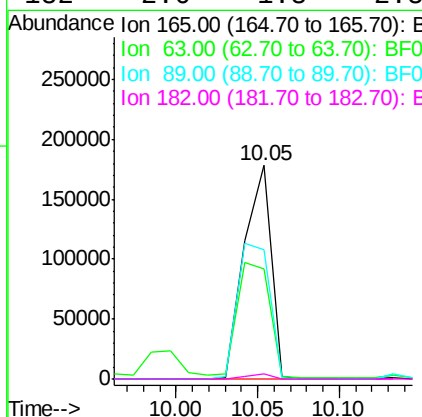
Manual Integrations
APPROVED

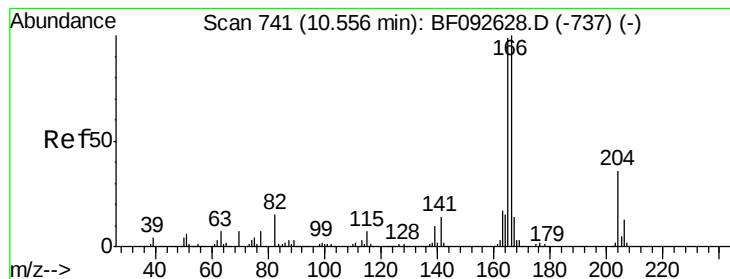
mohammad
3/1/2017 4:05:43 PM



#56
2,4-Dinitrotoluene
Concen: 41.20 ng
RT: 10.05 min Scan# 697
Delta R.T. -0.03 min
Lab File: BF093239.D
Acq: 28 Feb 2017 10:44

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	204073		
63	51.5	40.2	60.4	
89	60.6	62.5	93.7#	
182	2.6	1.8	2.8	





#57

Fluorene

Concen: 47.50 ng

RT: 10.40 min Scan# 727

Delta R.T. -0.05 min

Lab File: BF093239.D

Acq: 28 Feb 2017 10:44

Instrument :

BNA_F

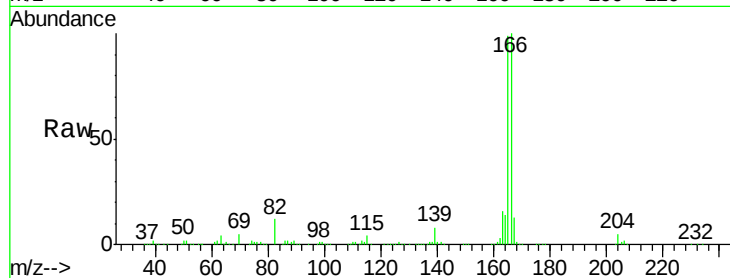
ClientSampleId :

SSTDCCC040

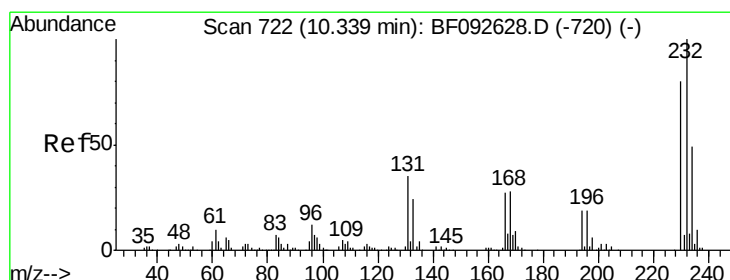
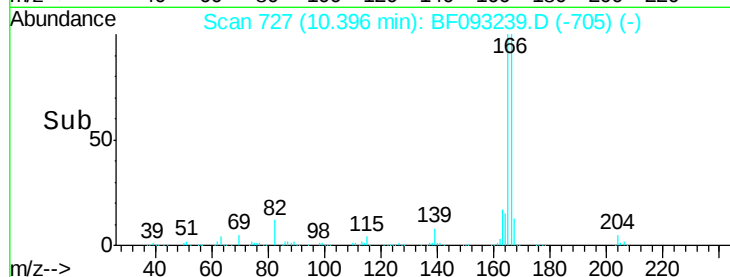
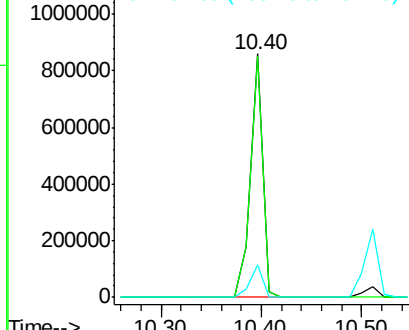
Tgt Ion:	166	Resp:	731523
Ion Ratio	Lower	Upper	
166	100		
165	99.0	77.8	116.8
167	13.4	10.8	16.2

Manual Integrations
APPROVED

mohammad
3/1/2017 4:05:43 PM



Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 43.31 ng

RT: 10.18 min Scan# 708

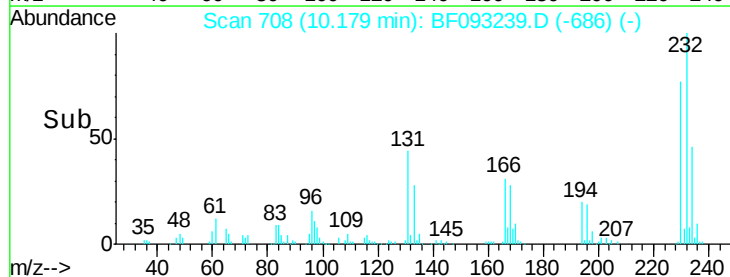
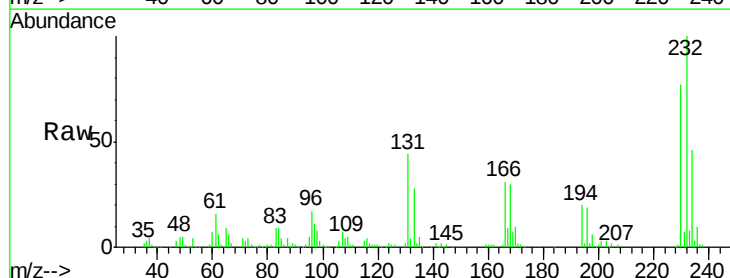
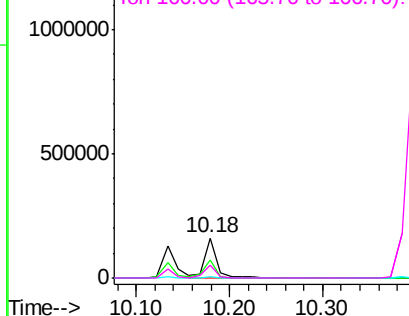
Delta R.T. -0.05 min

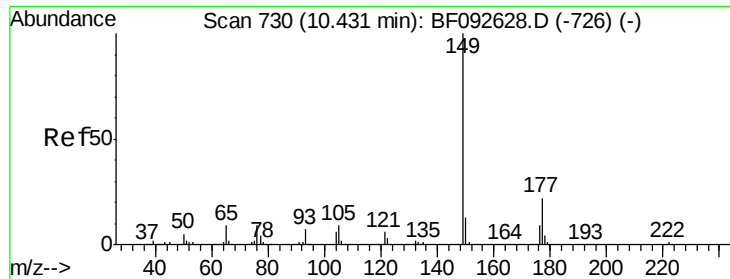
Lab File: BF093239.D

Acq: 28 Feb 2017 10:44

Tgt Ion:	232	Resp:	149368
Ion Ratio	Lower	Upper	
232	100		
131	45.9	40.1	60.1
130	2.3	1.8	2.8
166	30.9	26.6	39.8

Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E





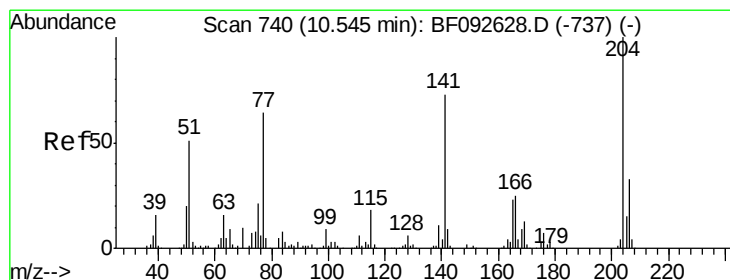
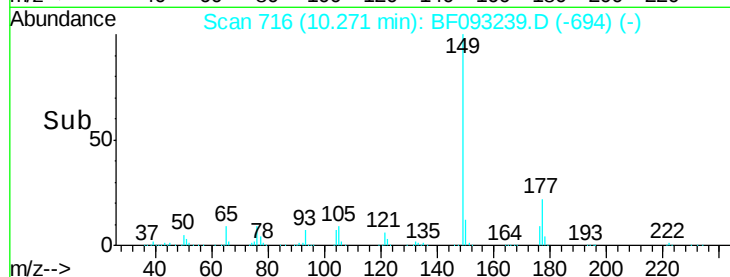
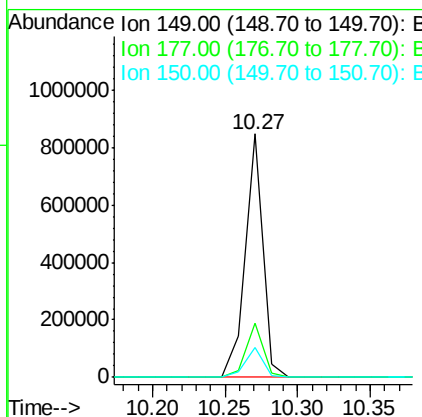
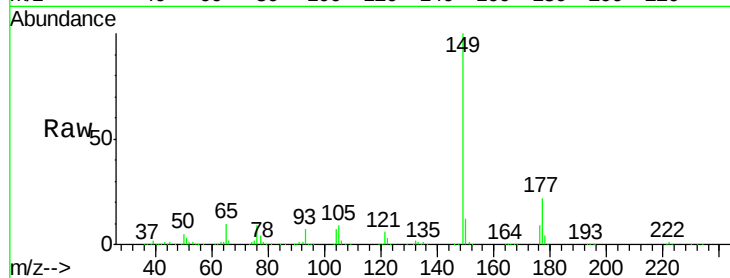
#59
Diethylphthalate
Concen: 43.86 ng
RT: 10.27 min Scan# 716
Delta R.T. -0.05 min
Lab File: BF093239.D
Acq: 28 Feb 2017 10:44

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
149	100		
177	22.3	16.6	25.0
150	12.5	10.4	15.6

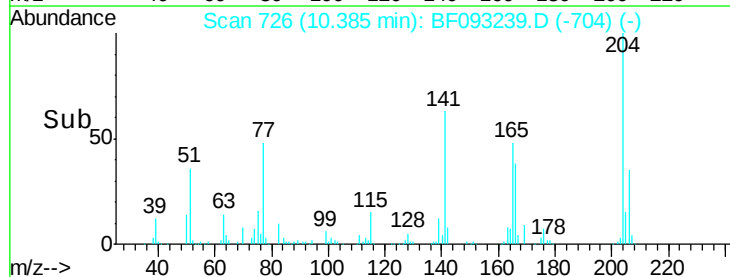
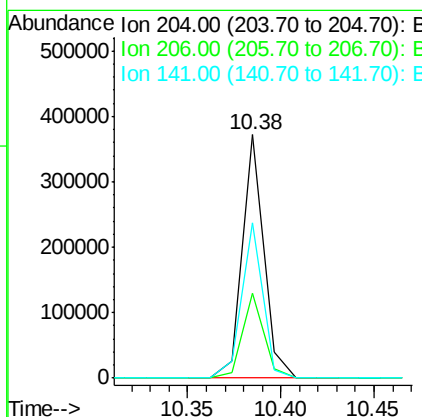
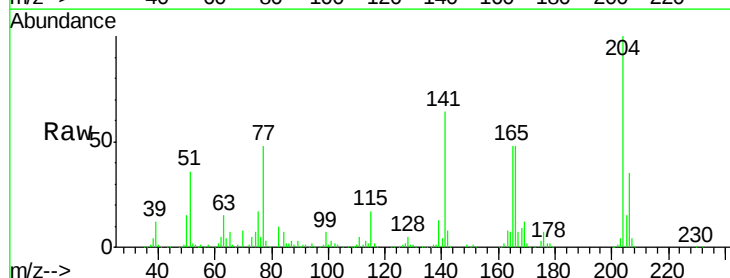
Manual Integrations
APPROVED

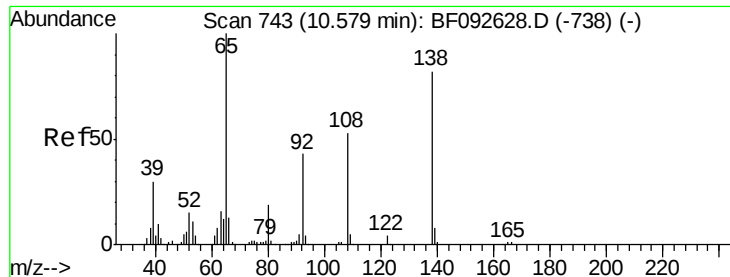
mohammad
3/1/2017 4:05:43 PM



#60
4-Chlorophenyl-phenylether
Concen: 40.65 ng
RT: 10.38 min Scan# 726
Delta R.T. -0.05 min
Lab File: BF093239.D
Acq: 28 Feb 2017 10:44

Tgt Ion	Ratio	Lower	Upper
204	100		
206	35.0	25.8	38.6
141	63.8	59.4	89.0





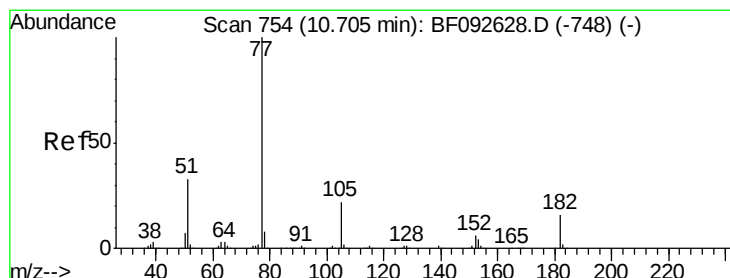
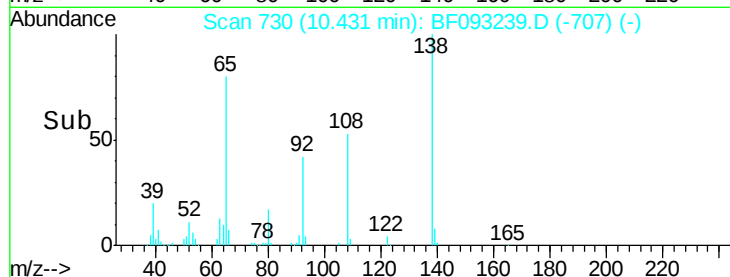
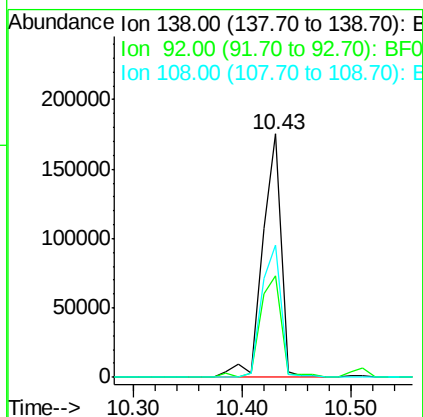
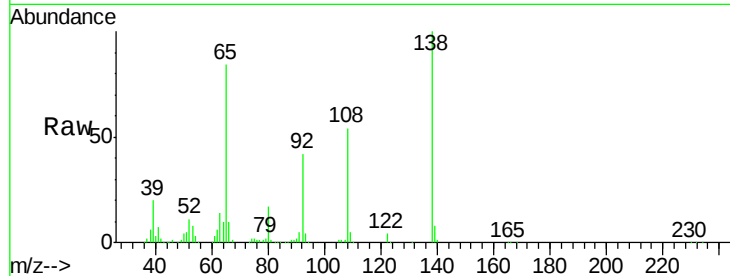
#61
4-Nitroaniline
Concen: 48.35 ng
RT: 10.43 min Scan# 730
Delta R.T. -0.03 min
Lab File: BF093239.D
Acq: 28 Feb 2017 10:44

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
138	100		
92	41.7	31.7	71.7
108	54.3	52.6	92.6

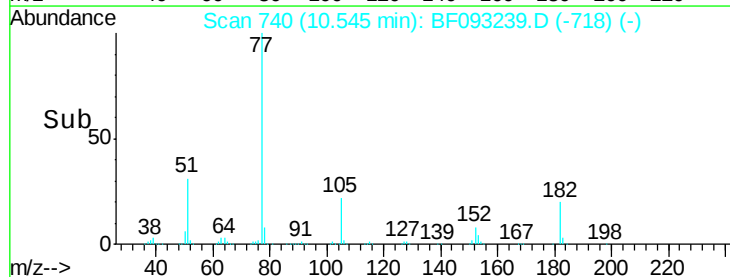
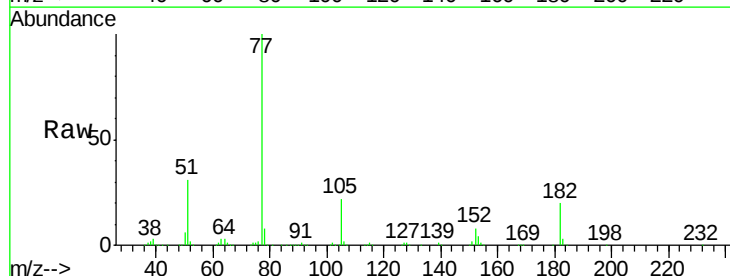
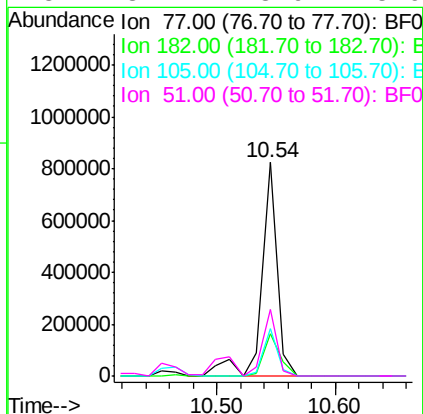
Manual Integrations
APPROVED

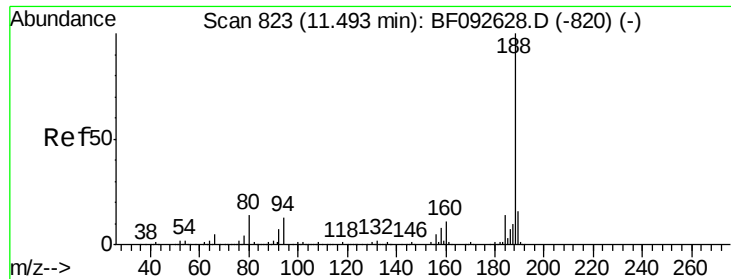
mohammad
3/1/2017 4:05:43 PM



#62
Azobenzene
Concen: 45.08 ng
RT: 10.54 min Scan# 740
Delta R.T. -0.05 min
Lab File: BF093239.D
Acq: 28 Feb 2017 10:44

Tgt Ion	Ratio	Lower	Upper
77	100		
182	19.9	0.0	39.3
105	22.3	2.3	42.3
51	31.4	8.9	48.9





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.33 min Scan# 809

Delta R.T. -0.05 min

Lab File: BF093239.D

Acq: 28 Feb 2017 10:44

Instrument :

BNA_F

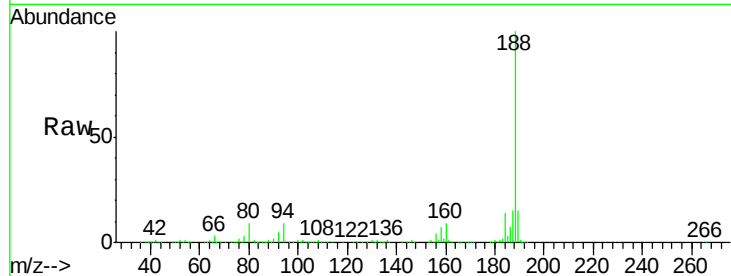
ClientSampleId :

SSTDCCC040

Tgt Ion:	188	Resp:	467102
Ion Ratio		Lower	Upper
188	100		
94	9.1	10.0	15.0#
80	9.3	11.2	16.8#

Manual Integrations
APPROVED

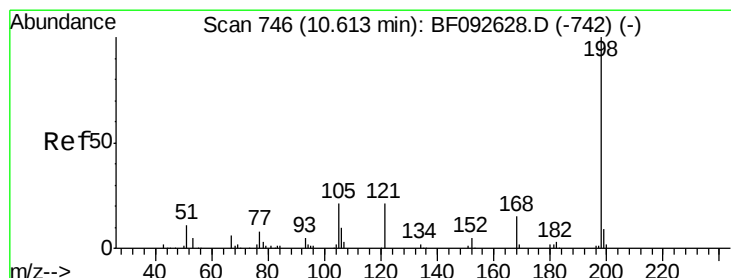
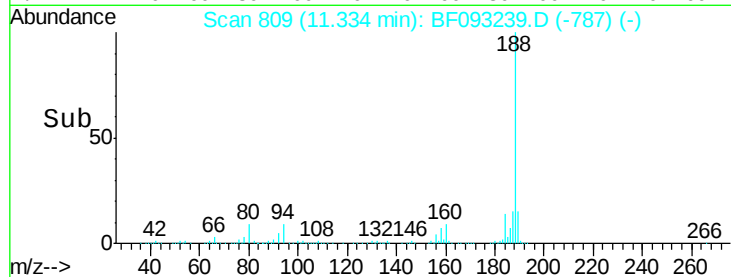
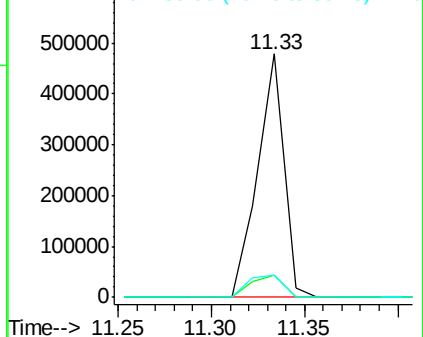
mohammad
3/1/2017 4:05:43 PM



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



#64

4,6-Dinitro-2-methylphenol

Concen: 40.76 ng

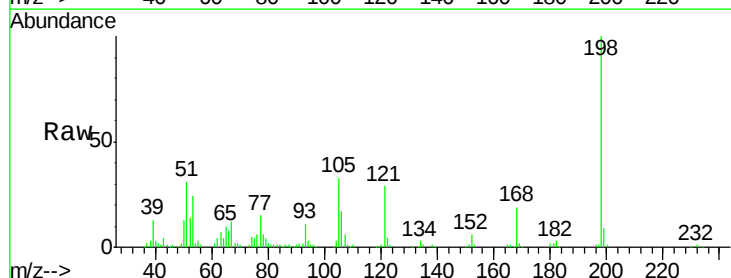
RT: 10.46 min Scan# 733

Delta R.T. -0.03 min

Lab File: BF093239.D

Acq: 28 Feb 2017 10:44

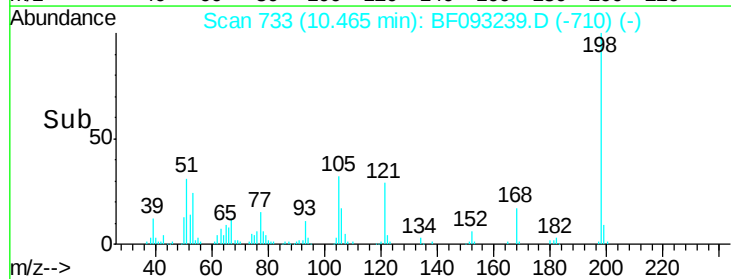
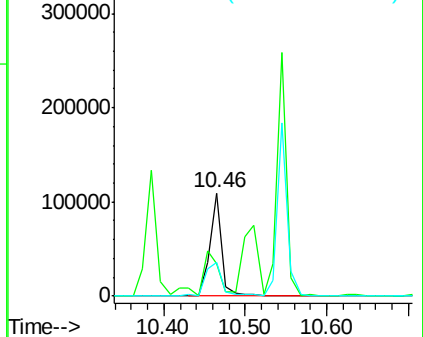
Tgt Ion:	198	Resp:	114671
Ion Ratio		Lower	Upper
198	100		
51	31.4	6.7	46.7
105	32.5	16.6	56.6

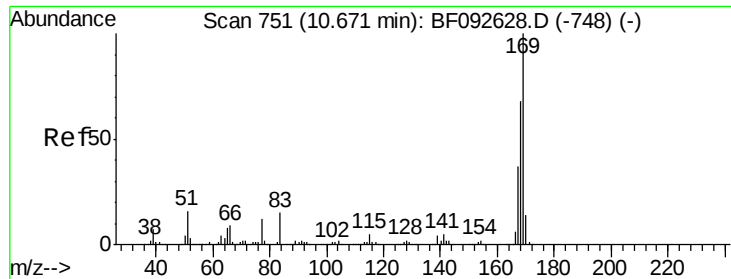


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E





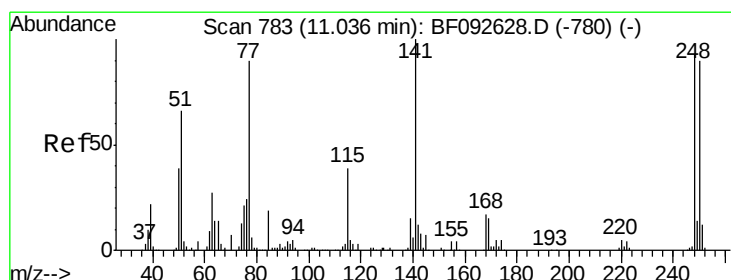
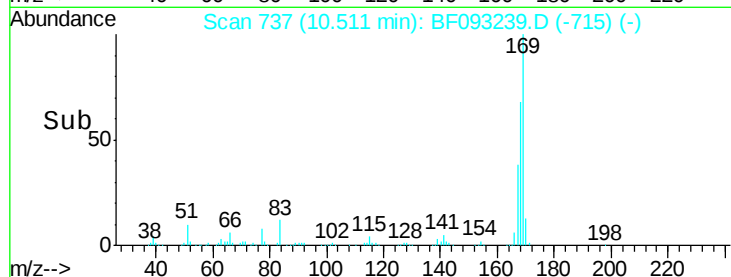
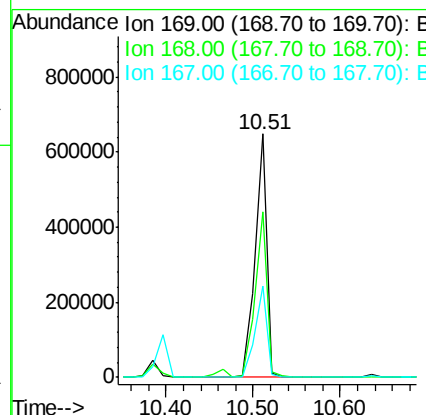
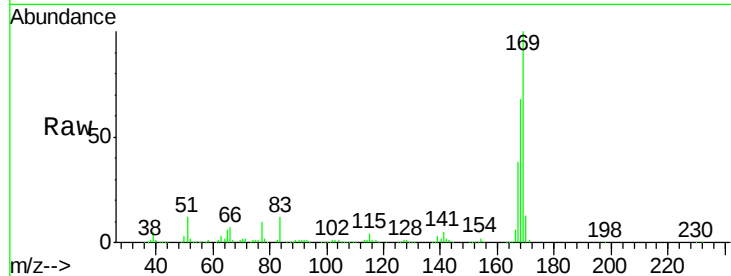
#65
n-Nitrosodiphenylamine
Concen: 41.10 ng
RT: 10.51 min Scan# 737
Delta R.T. -0.05 min
Lab File: BF093239.D
Acq: 28 Feb 2017 10:44

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	613312		
168	68.0	54.2	81.2	
167	37.5	30.2	45.4	

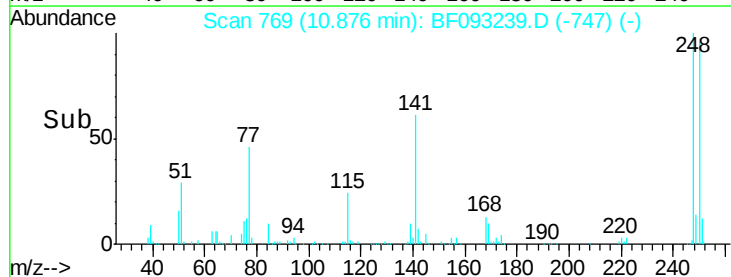
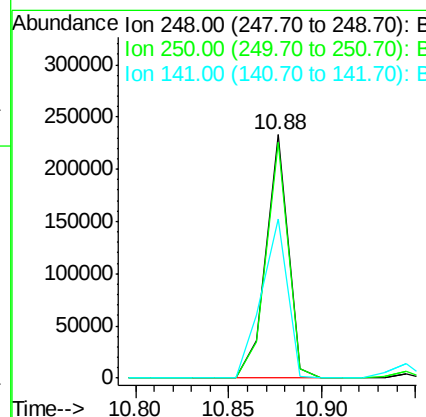
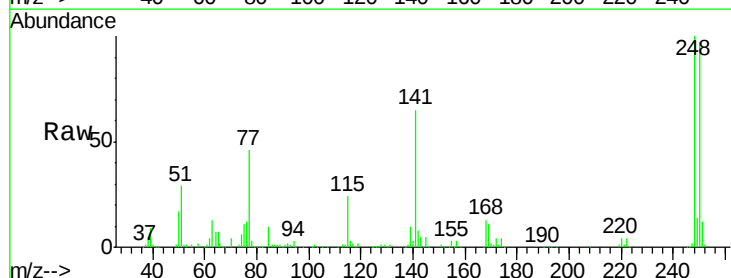
Manual Integrations
APPROVED

mohammad
3/1/2017 4:05:43 PM



#66
4-Bromophenyl-phenylether
Concen: 39.23 ng
RT: 10.88 min Scan# 769
Delta R.T. -0.05 min
Lab File: BF093239.D
Acq: 28 Feb 2017 10:44

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	191460		
250	96.8	76.9	115.3	
141	65.3	68.2	102.4	





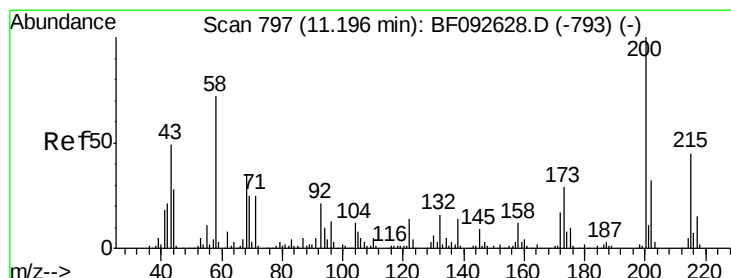
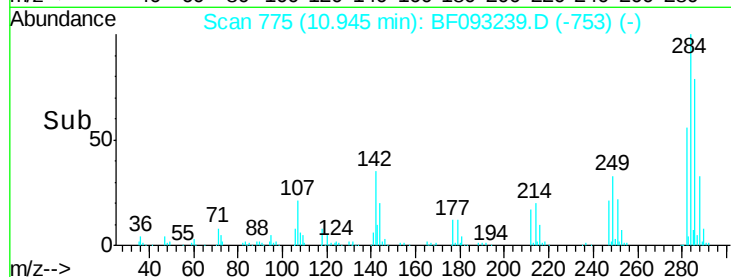
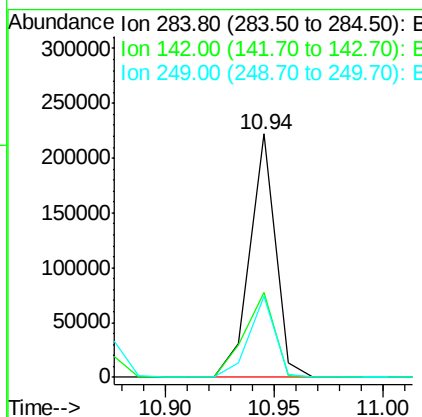
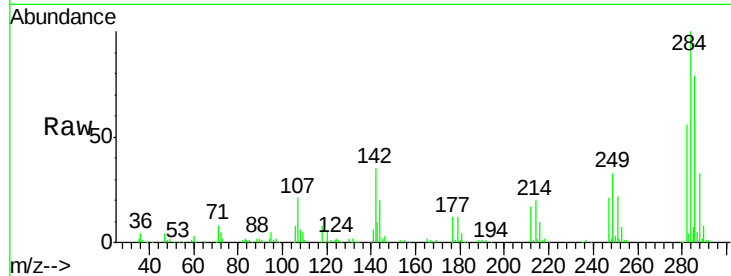
#67
Hexachlorobenzene
Concen: 37.86 ng
RT: 10.94 min Scan# 775
Delta R.T. -0.05 min
Lab File: BF093239.D
Acq: 28 Feb 2017 10:44

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Resp Lower	Resp Upper
284	100		
142	34.9	22.6	33.8#
249	33.1	25.4	38.0

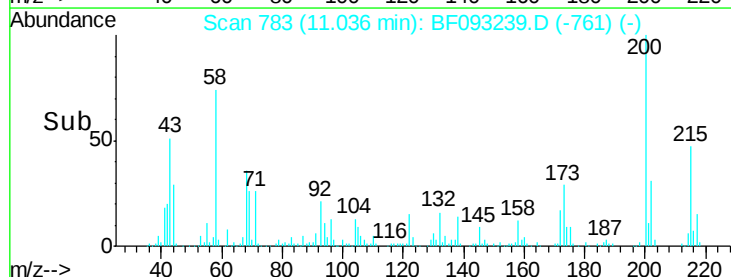
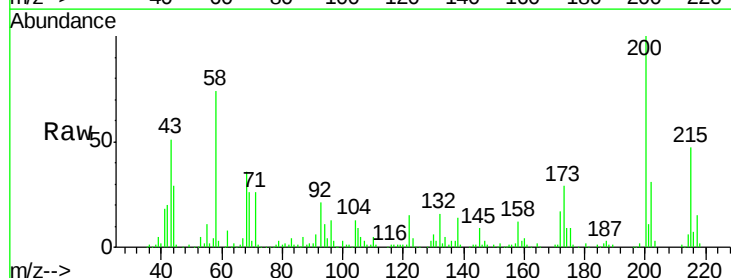
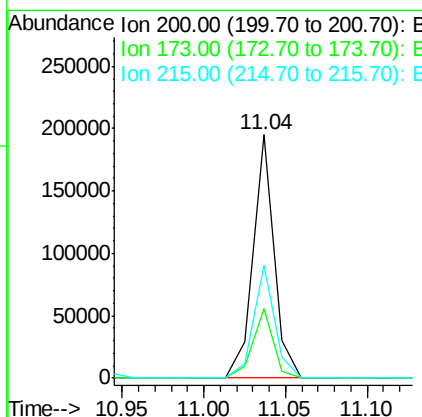
Manual Integrations
APPROVED

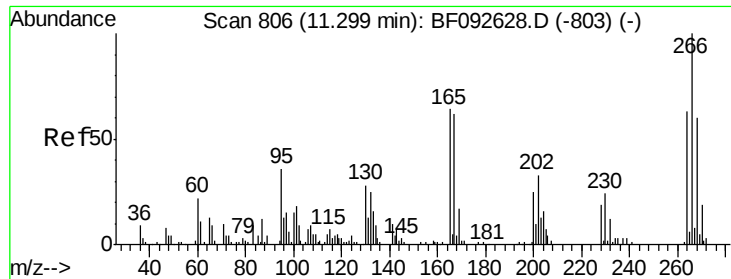
mohammad
3/1/2017 4:05:43 PM



#68
Atrazine
Concen: 36.49 ng
RT: 11.04 min Scan# 783
Delta R.T. -0.05 min
Lab File: BF093239.D
Acq: 28 Feb 2017 10:44

Tgt Ion	Ratio	Resp Lower	Resp Upper
200	100		
173	28.8	9.6	49.6
215	46.6	25.7	65.7





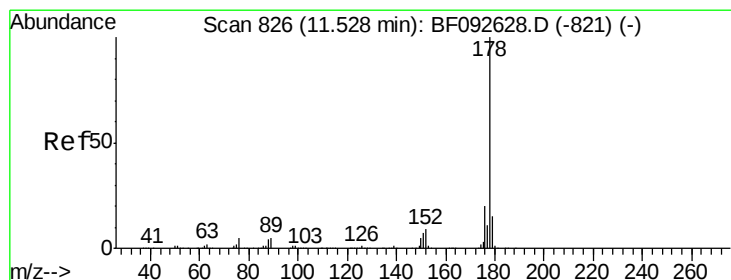
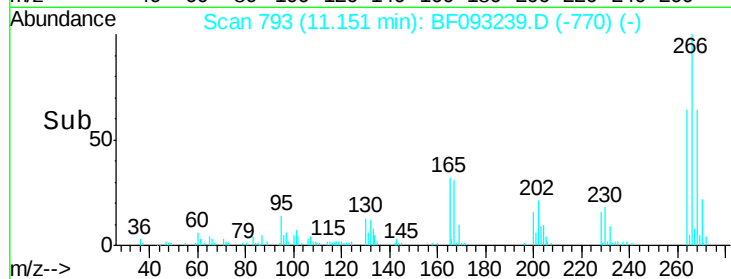
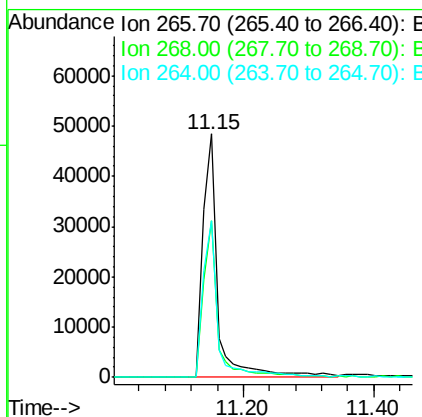
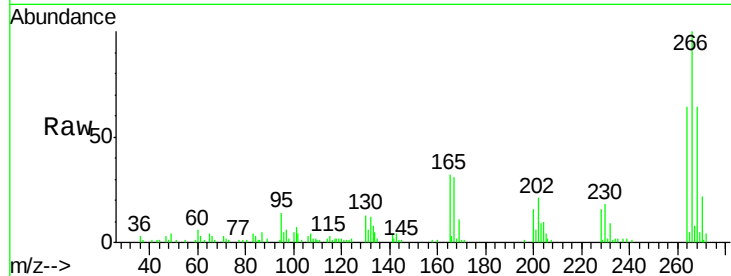
#69
 Pentachlorophenol
 Concen: 35.08 ng
 RT: 11.15 min Scan# 793
 Delta R.T. -0.03 min
 Lab File: BF093239.D
 Acq: 28 Feb 2017 10:44

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
266	100		
268	64.3	53.3	79.9
264	64.3	50.3	75.5

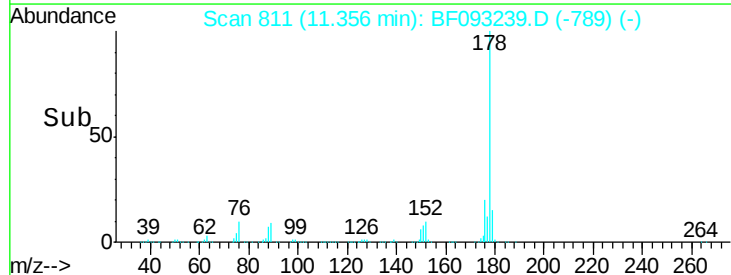
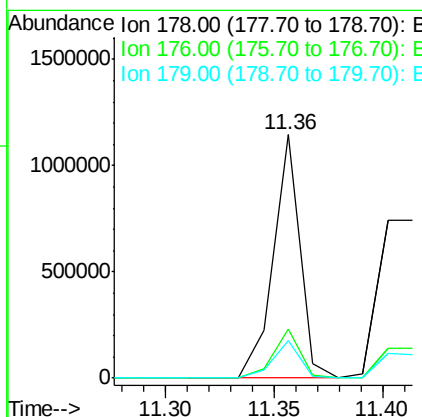
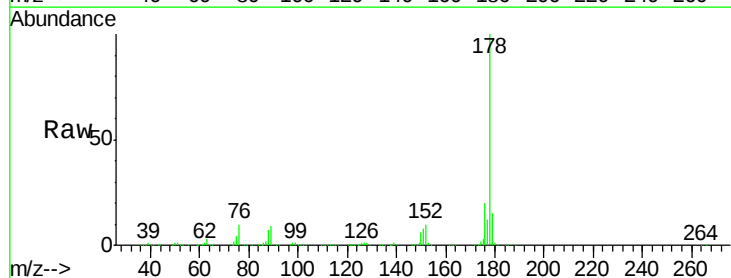
Manual Integrations
 APPROVED

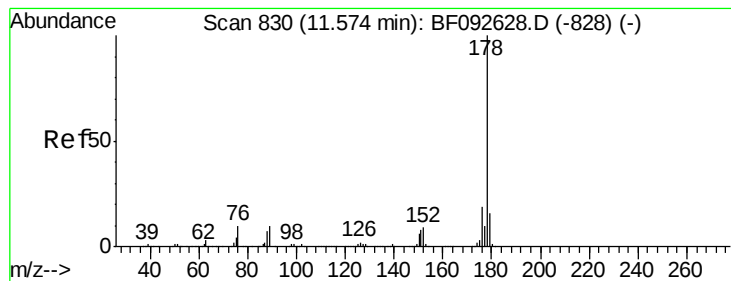
mohammad
 3/1/2017 4:05:43 PM



#70
 Phenanthrene
 Concen: 37.07 ng
 RT: 11.36 min Scan# 811
 Delta R.T. -0.05 min
 Lab File: BF093239.D
 Acq: 28 Feb 2017 10:44

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.0	16.6	25.0
179	15.4	12.8	19.2





#71

Anthracene

Concen: 38.85 ng

RT: 11.41 min Scan# 816

Delta R.T. -0.05 min

Lab File: BF093239.D

Acq: 28 Feb 2017 10:44

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:178 Resp: 1044161

Ion Ratio Lower Upper

178 100

176 19.1 15.9 23.9

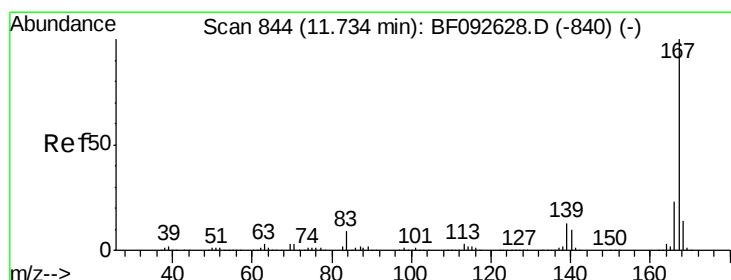
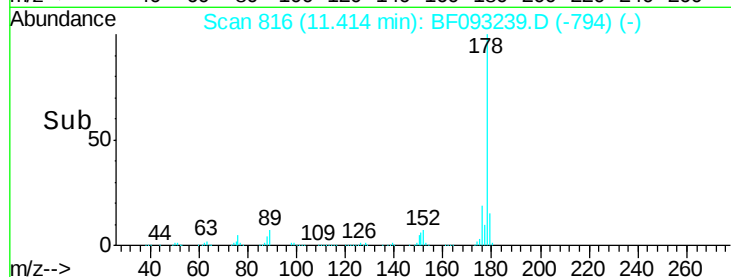
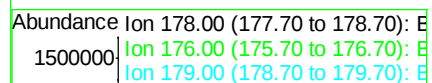
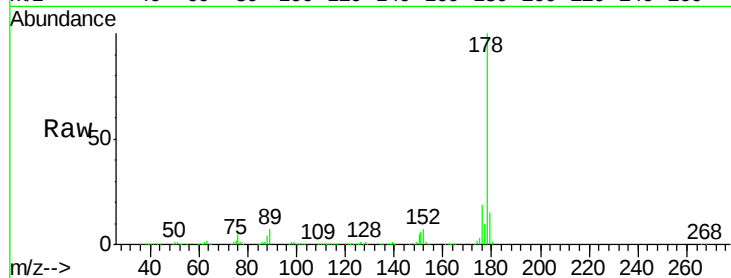
179 14.9 13.2 19.8

Manual Integrations

APPROVED

mohammad

3/1/2017 4:05:43 PM



#72

Carbazole

Concen: 39.44 ng

RT: 11.57 min Scan# 830

Delta R.T. -0.03 min

Lab File: BF093239.D

Acq: 28 Feb 2017 10:44

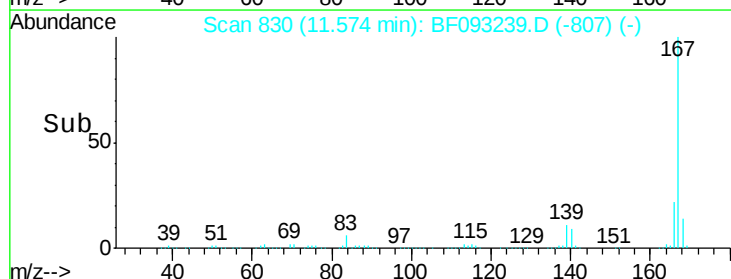
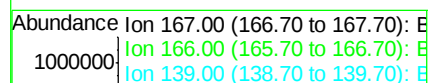
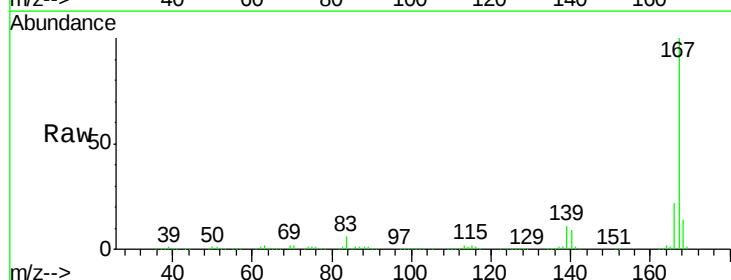
Tgt Ion:167 Resp: 1013260

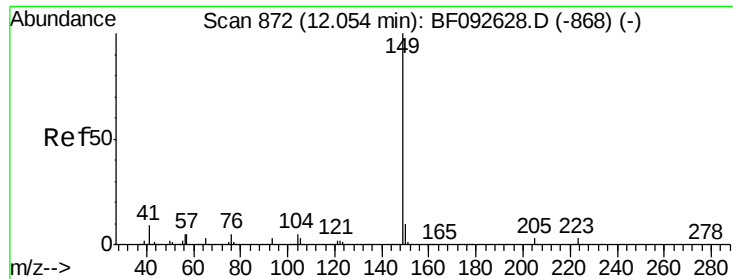
Ion Ratio Lower Upper

167 100

166 22.4 18.2 27.2

139 11.3 11.4 17.2#





#73

Di-n-butylphthalate

Concen: 41.38 ng

RT: 11.89 min Scan# 858

Delta R.T. -0.05 min

Lab File: BF093239.D

Acq: 28 Feb 2017 10:44

Instrument :

BNA_F

ClientSampleId :

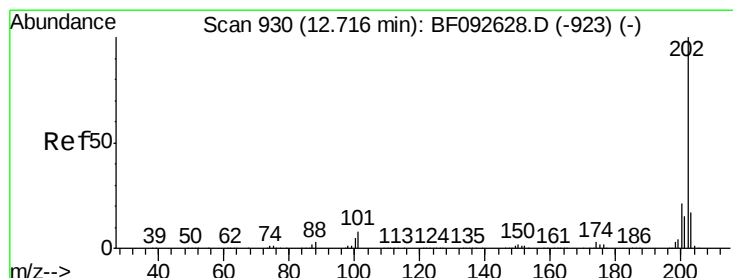
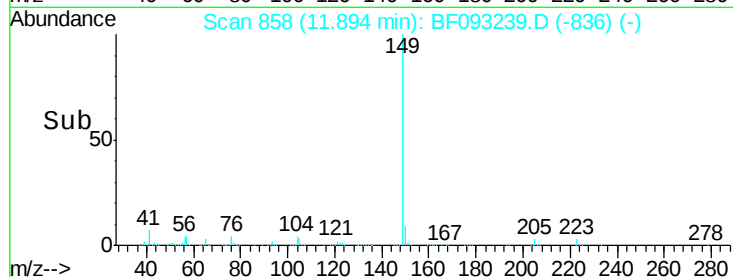
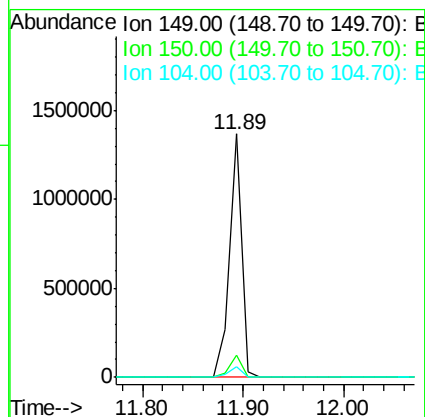
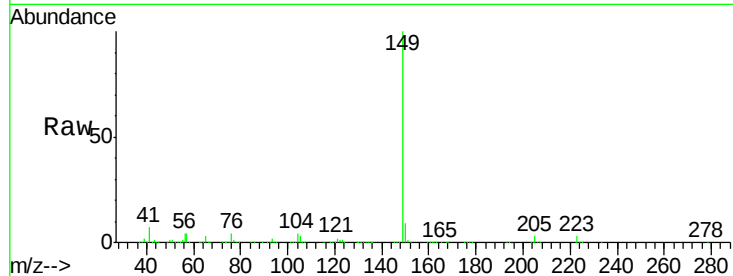
SSTDCCC040

Tgt Ion:149 Resp: 1149683

Ion	Ratio	Lower	Upper
149	100		
150	9.3	8.1	12.1
104	4.1	4.6	7.0

Manual Integrations
APPROVED

mohammad
3/1/2017 4:05:43 PM



#74

Fluoranthene

Concen: 37.42 ng

RT: 12.55 min Scan# 915

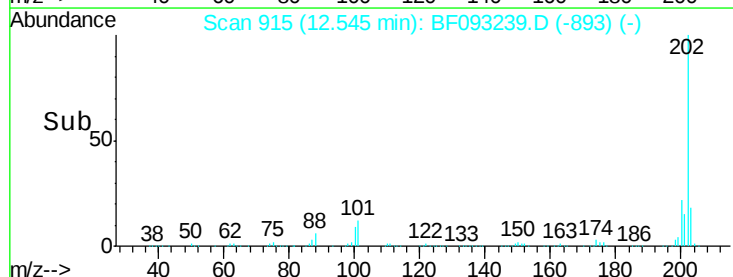
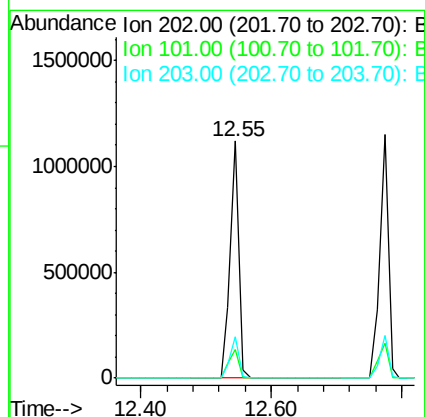
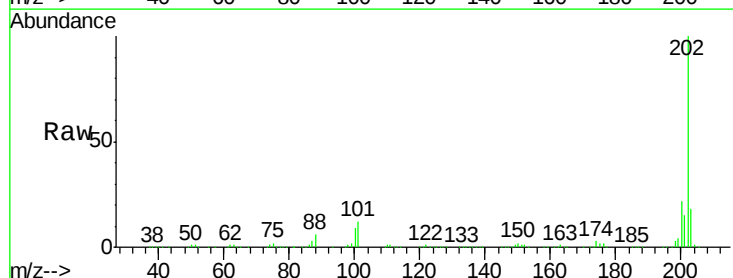
Delta R.T. -0.05 min

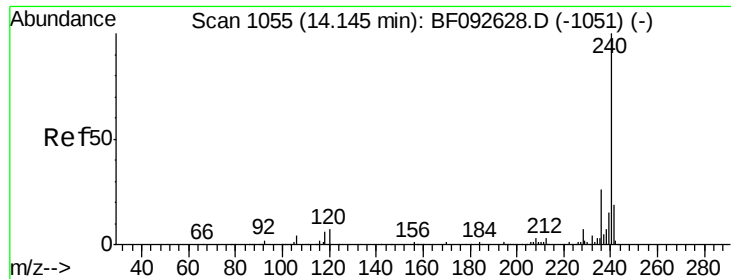
Lab File: BF093239.D

Acq: 28 Feb 2017 10:44

Tgt Ion:202 Resp: 1033047

Ion	Ratio	Lower	Upper
202	100		
101	12.3	0.0	34.6
203	17.7	0.0	38.7





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.97 min Scan# 1040

Delta R.T. -0.05 min

Lab File: BF093239.D

Acq: 28 Feb 2017 10:44

Instrument :

BNA_F

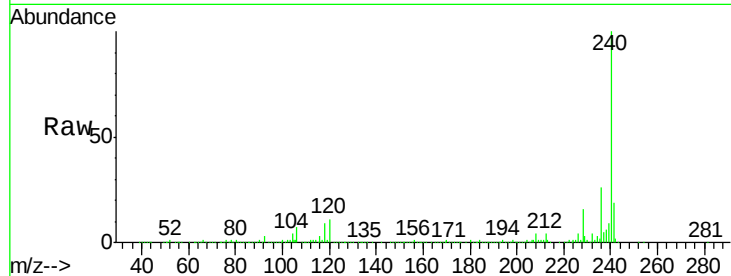
ClientSampleId :

SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
240	100		
120	10.9	12.9	19.3#
236	26.0	20.9	31.3

Manual Integrations
APPROVED

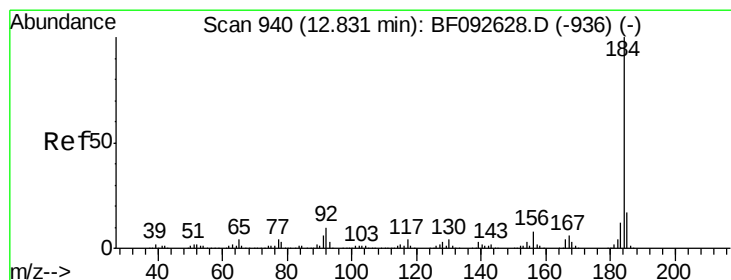
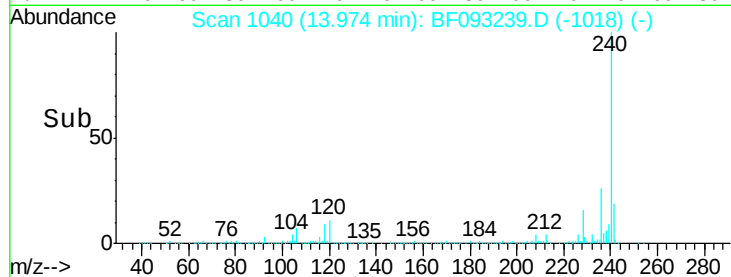
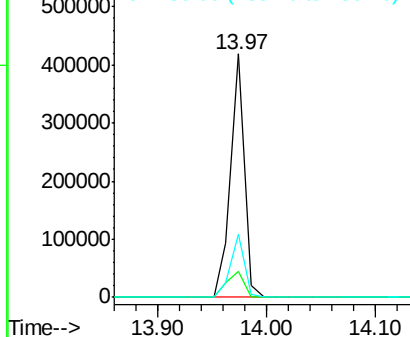
mohammad
3/1/2017 4:05:43 PM



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 40.59 ng

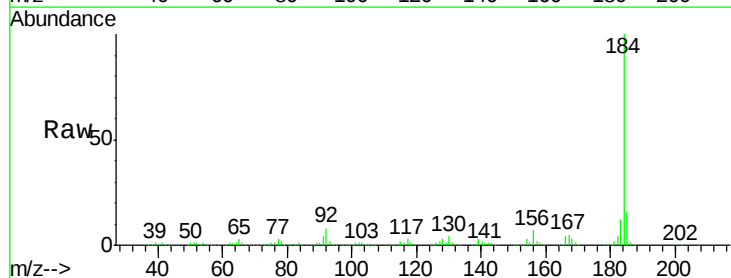
RT: 12.67 min Scan# 926

Delta R.T. -0.05 min

Lab File: BF093239.D

Acq: 28 Feb 2017 10:44

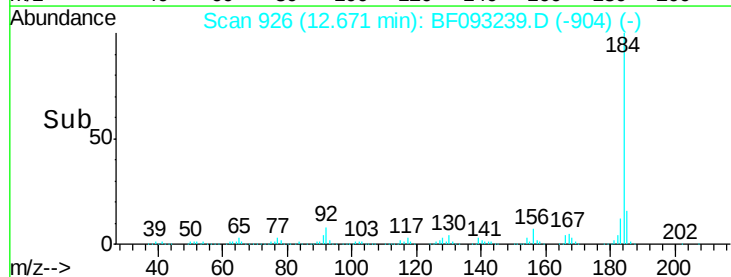
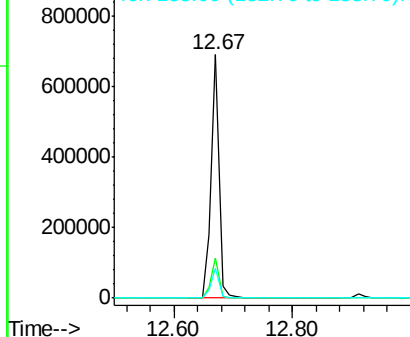
Tgt Ion	Ratio	Lower	Upper
184	100		
185	16.2	13.4	20.0
183	12.1	9.2	13.8

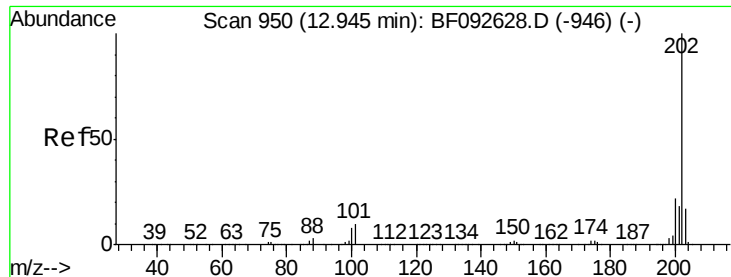


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





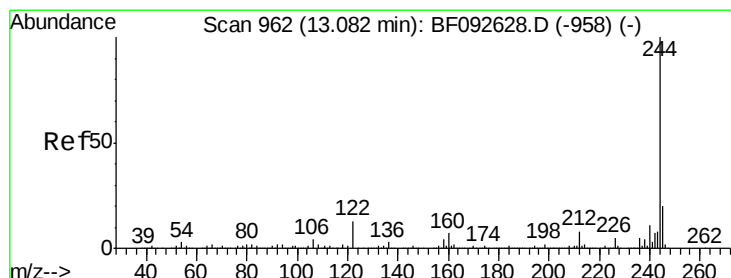
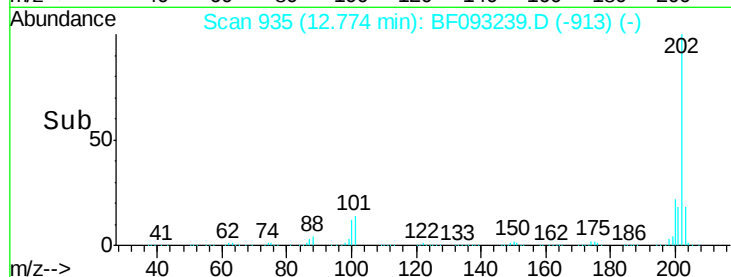
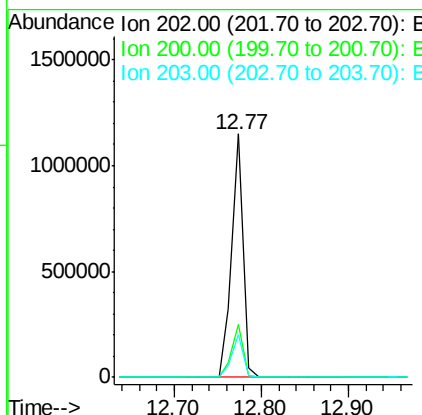
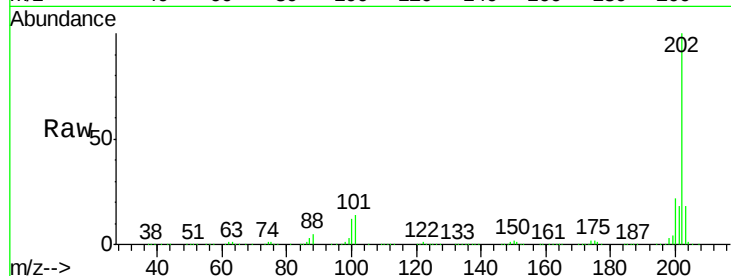
#77
 Pyrene
 Concen: 38.07 ng
 RT: 12.77 min Scan# 935
 Delta R.T. -0.05 min
 Lab File: BF093239.D
 Acq: 28 Feb 2017 10:44

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
202	100		
200	21.8	17.7	26.5
203	17.7	14.7	22.1

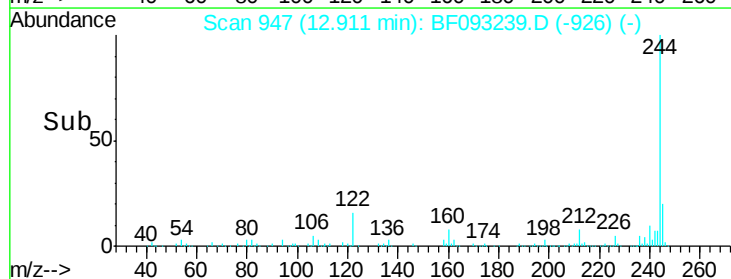
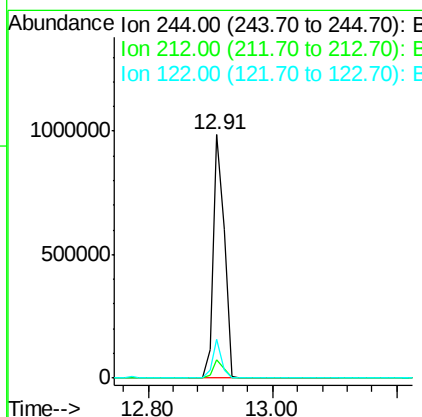
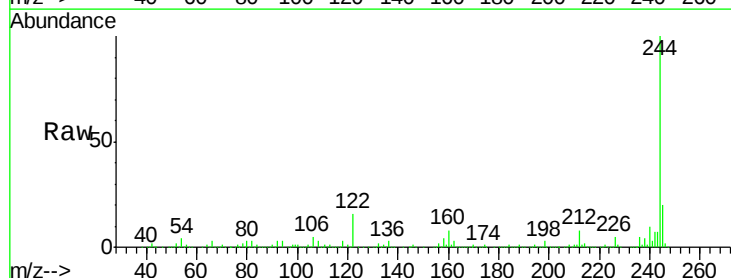
Manual Integrations
 APPROVED

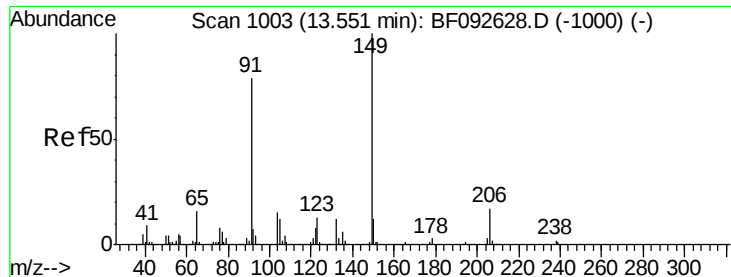
mohammad
 3/1/2017 4:05:43 PM



#78
 Terphenyl-d14
 Concen: 75.37 ng
 RT: 12.91 min Scan# 947
 Delta R.T. -0.06 min
 Lab File: BF093239.D
 Acq: 28 Feb 2017 10:44

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.7	6.2	9.2
122	15.9	11.4	17.2





#79

Butylbenzylphthalate

Concen: 43.25 ng

RT: 13.39 min Scan# 989

Delta R.T. -0.05 min

Lab File: BF093239.D

Acq: 28 Feb 2017 10:44

Instrument :

BNA_F

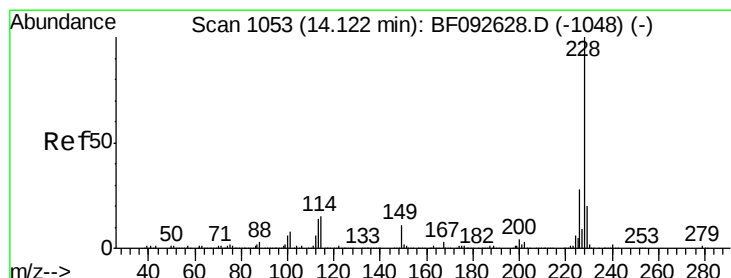
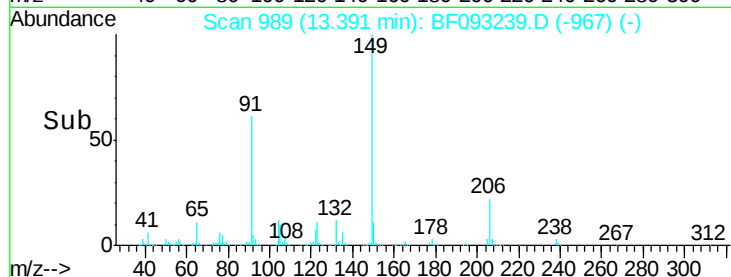
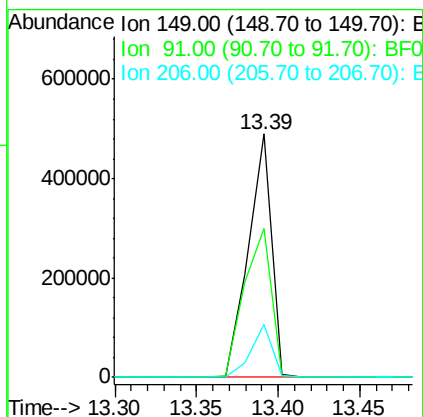
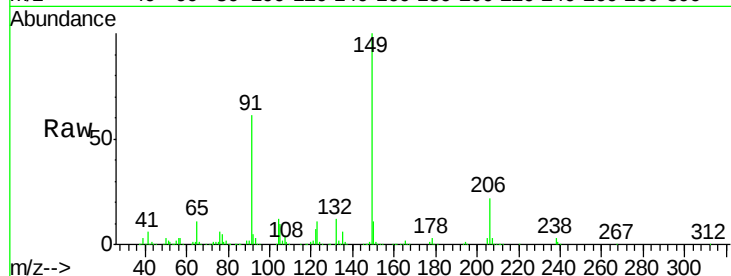
ClientSampleId :

SSTDCCC040

Tgt Ion:	149	Resp:	484809
Ion Ratio	Lower	Upper	
149	100		
91	61.2	63.9	95.9#
206	21.9	14.6	21.8#

Manual Integrations
APPROVED

mohammad
3/1/2017 4:05:43 PM



#80

Benzo(a)anthracene

Concen: 36.03 ng

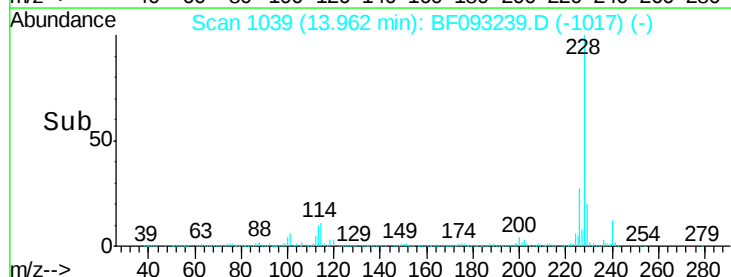
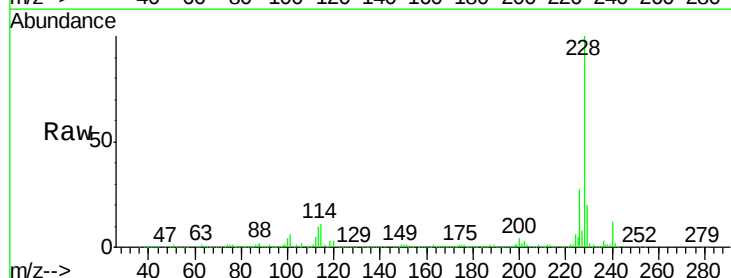
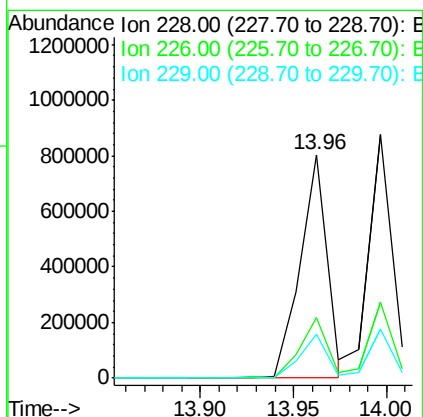
RT: 13.96 min Scan# 1039

Delta R.T. -0.05 min

Lab File: BF093239.D

Acq: 28 Feb 2017 10:44

Tgt Ion:	228	Resp:	812849
Ion Ratio	Lower	Upper	
228	100		
226	27.4	22.4	33.6
229	19.8	16.2	24.4





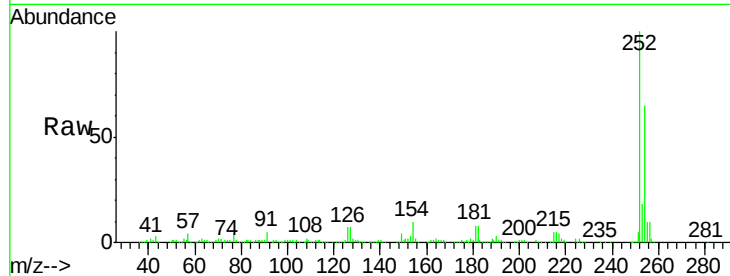
#81
 3,3'-Dichlorobenzidine
 Concen: 37.21 ng
 RT: 13.93 min Scan# 1036
 Delta R.T. -0.05 min
 Lab File: BF093239.D
 Acq: 28 Feb 2017 10:44

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

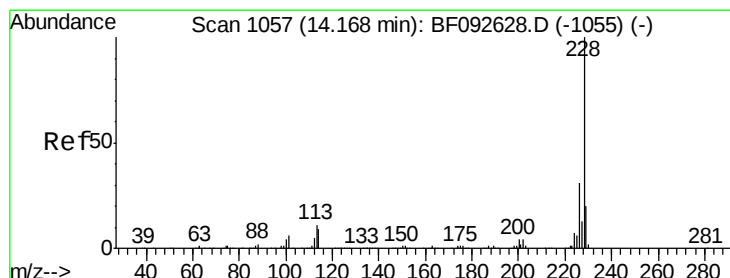
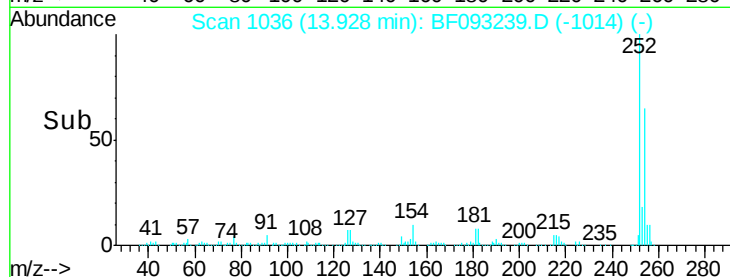
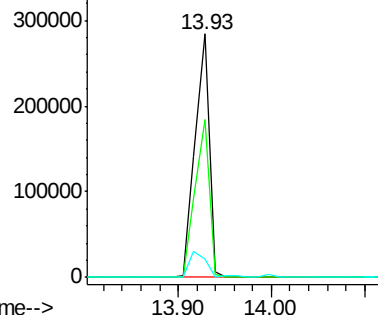
Tgt Ion	Ratio	Lower	Upper
252	100		
254	65.0	52.3	78.5
126	7.5	13.6	20.4

Manual Integrations
 APPROVED

mohammad
 3/1/2017 4:05:43 PM



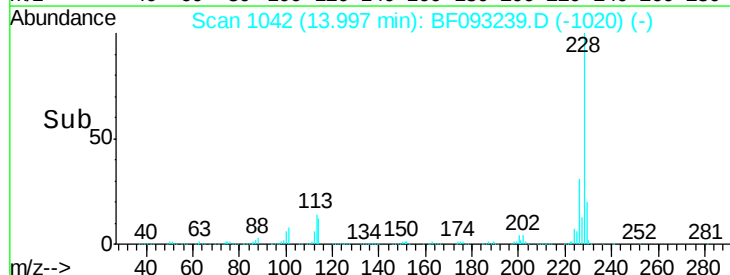
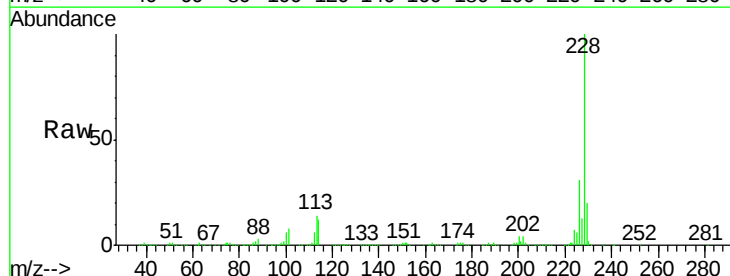
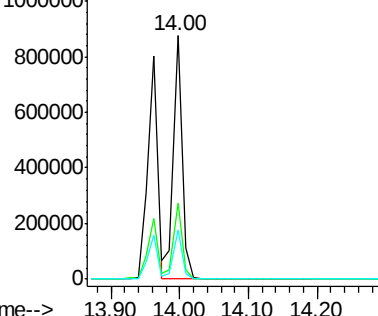
Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

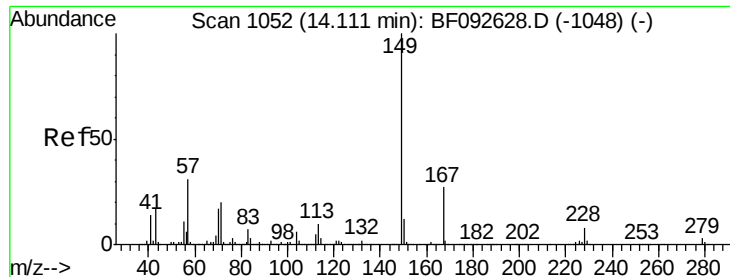


#82
 Chrysene
 Concen: 36.04 ng
 RT: 14.00 min Scan# 1042
 Delta R.T. -0.05 min
 Lab File: BF093239.D
 Acq: 28 Feb 2017 10:44

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.1	25.4	38.0
229	20.2	16.2	24.2

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





#83

Bis(2-ethylhexyl)phthalate

Concen: 38.98 ng

RT: 13.94 min Scan# 1037

Delta R.T. -0.06 min

Lab File: BF093239.D

Acq: 28 Feb 2017 10:44

Instrument :

BNA_F

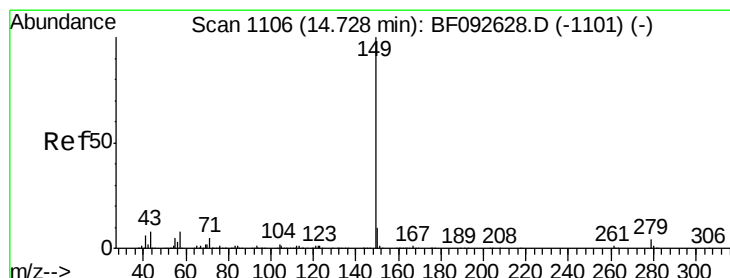
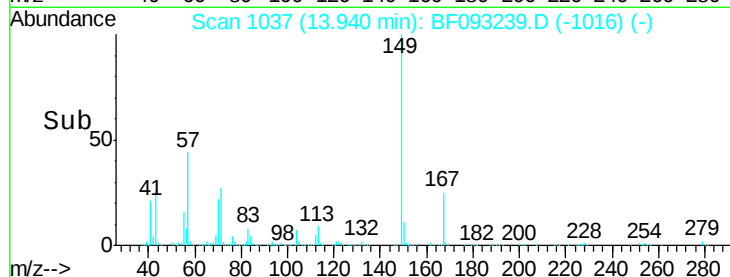
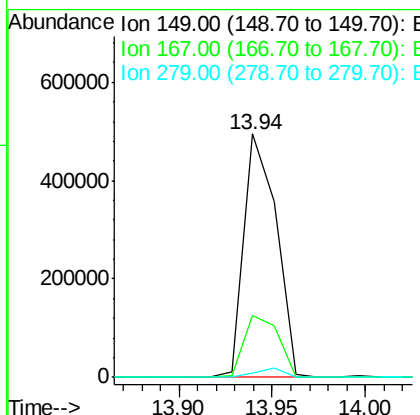
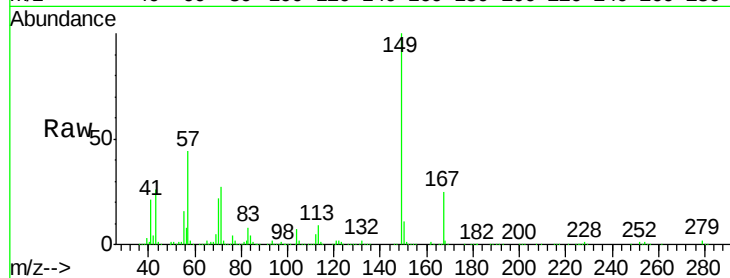
ClientSampleId :

SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
149	100		
167	25.4	20.2	30.4
279	1.6	1.8	2.8

Manual Integrations
APPROVED

mohammad
3/1/2017 4:05:43 PM



#84

Di-n-octyl phthalate

Concen: 40.45 ng

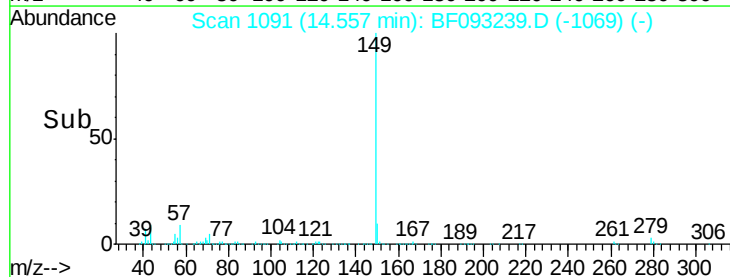
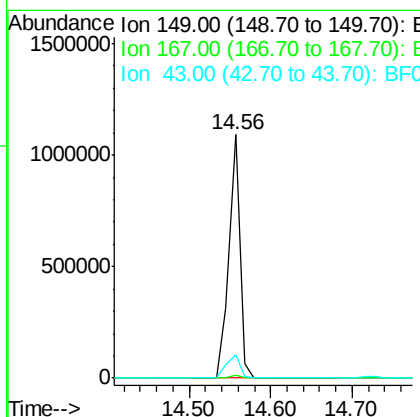
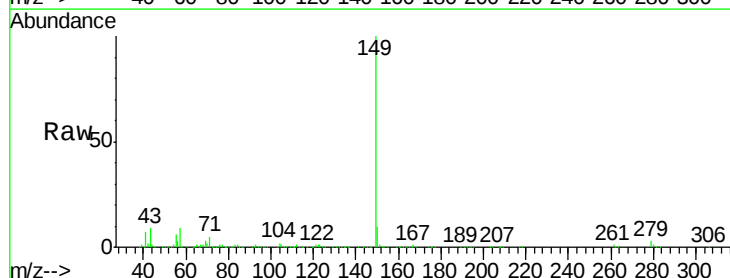
RT: 14.56 min Scan# 1091

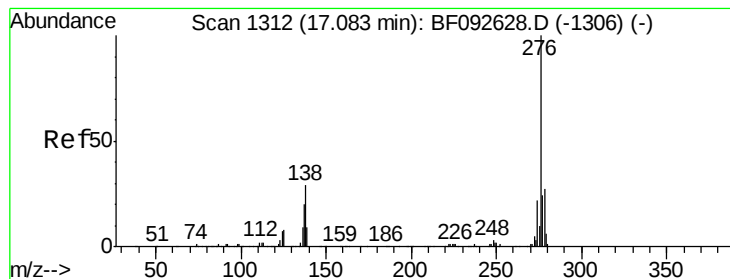
Delta R.T. -0.05 min

Lab File: BF093239.D

Acq: 28 Feb 2017 10:44

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.3	1.9
43	11.5	8.9	13.3





#85

Indeno(1,2,3-cd)pyrene

Concen: 32.73 ng

RT: 16.79 min Scan# 1286

Delta R.T. -0.07 min

Lab File: BF093239.D

Acq: 28 Feb 2017 10:44

Instrument :

BNA_F

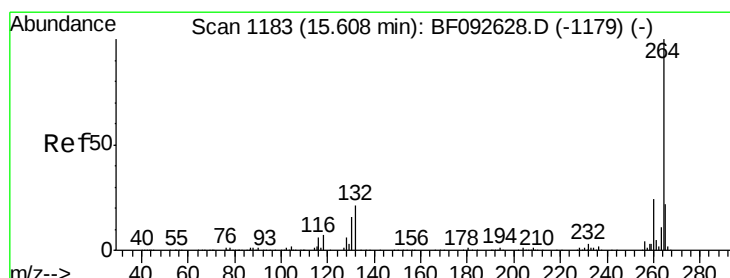
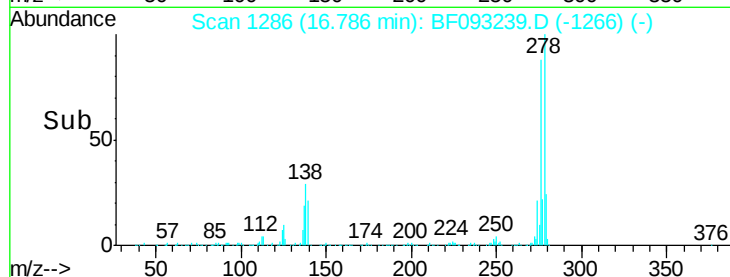
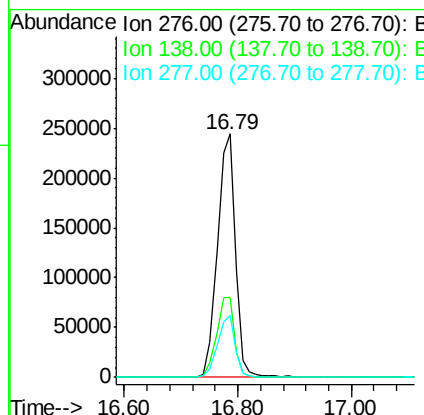
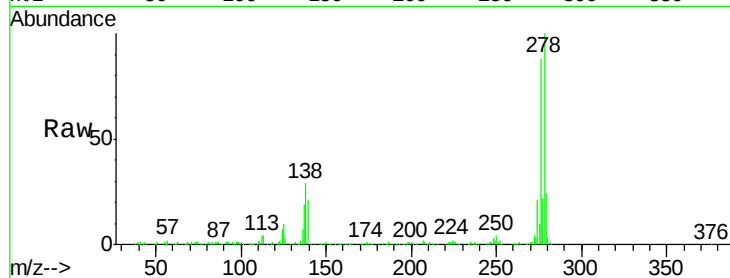
ClientSampleId :

SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
276	100		
138	33.1	21.8	32.6#
277	24.9	20.2	30.4

Manual Integrations
APPROVED

mohammad
3/1/2017 4:05:43 PM



#86

Perylene-d12

Concen: 20.00 ng

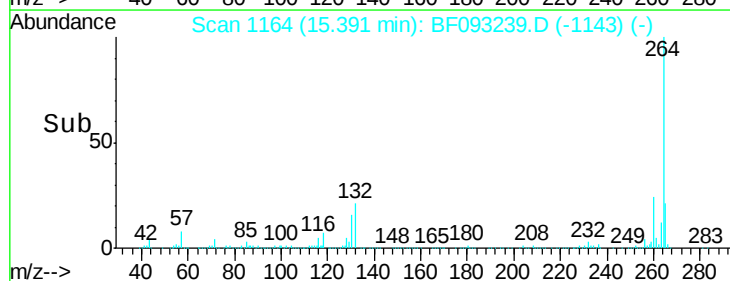
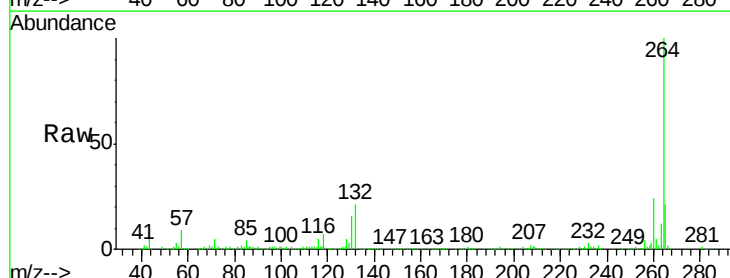
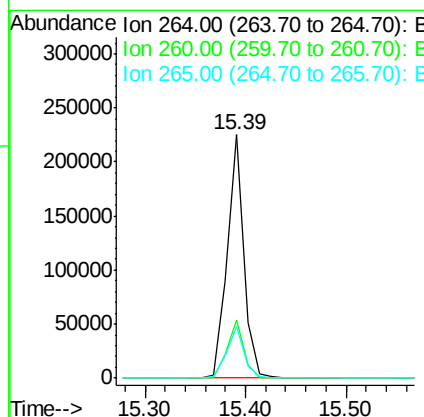
RT: 15.39 min Scan# 1164

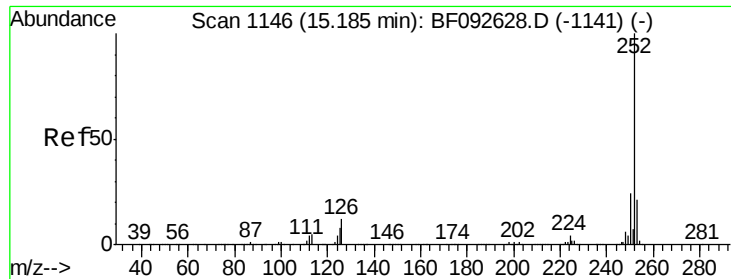
Delta R.T. -0.06 min

Lab File: BF093239.D

Acq: 28 Feb 2017 10:44

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.2	28.8
265	21.0	17.4	26.0





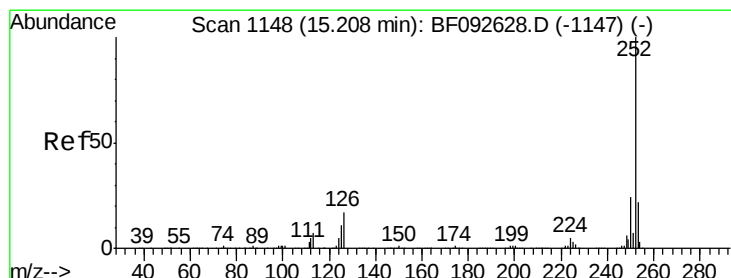
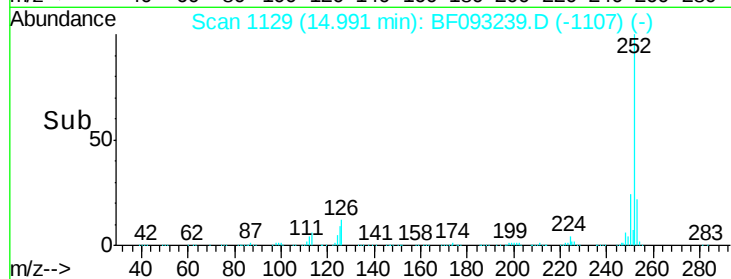
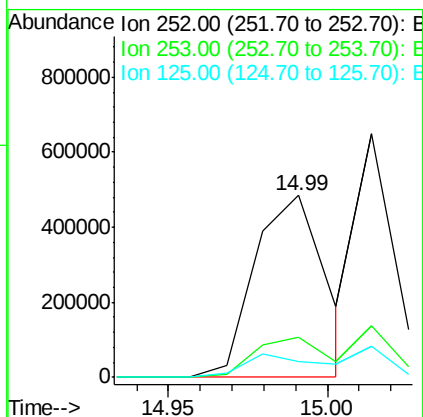
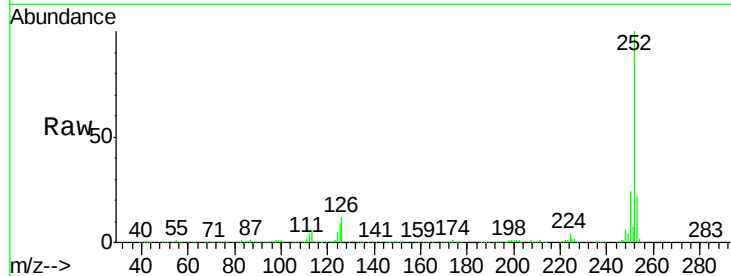
#87
Benzo(b)fluoranthene
Concen: 44.28 ng m
RT: 14.99 min Scan# 1129
Delta R.T. -0.05 min
Lab File: BF093239.D
Acq: 28 Feb 2017 10:44

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.8	18.2	27.4
125	8.6	9.8	14.6

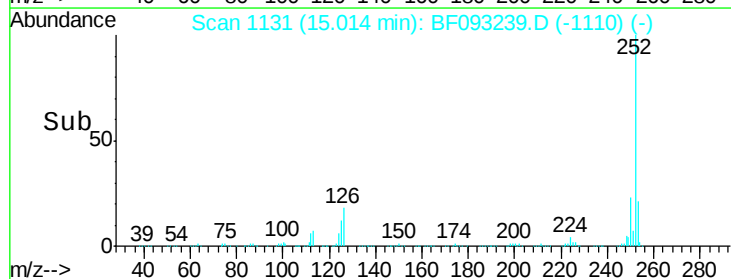
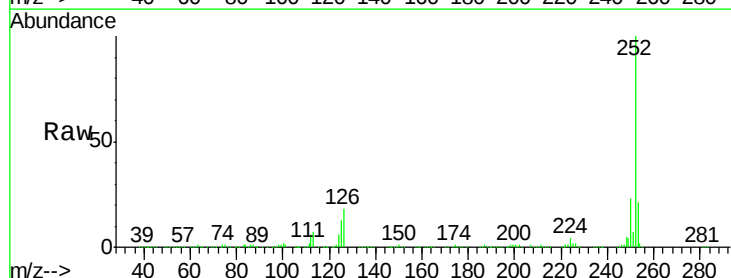
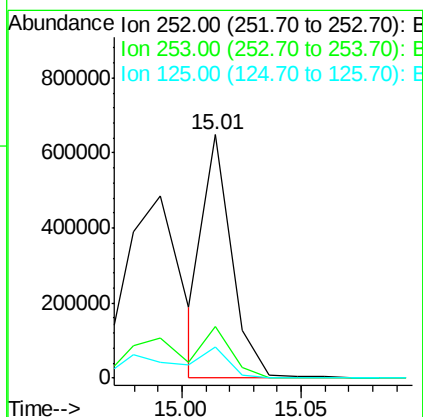
Manual Integrations
APPROVED

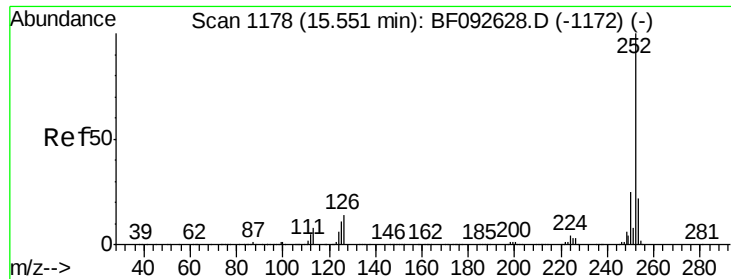
mohammad
3/1/2017 4:05:43 PM



#88
Benzo(k)fluoranthene
Concen: 37.01 ng m
RT: 15.01 min Scan# 1131
Delta R.T. -0.06 min
Lab File: BF093239.D
Acq: 28 Feb 2017 10:44

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.3	18.5	27.7
125	12.6	8.9	13.3





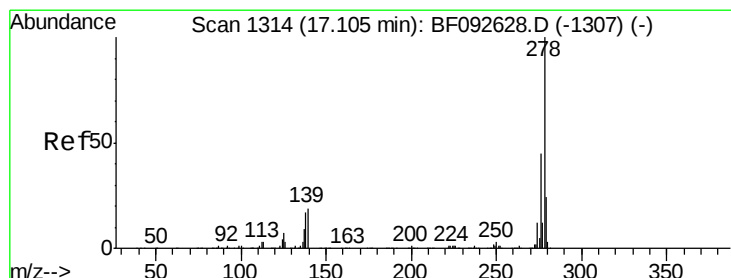
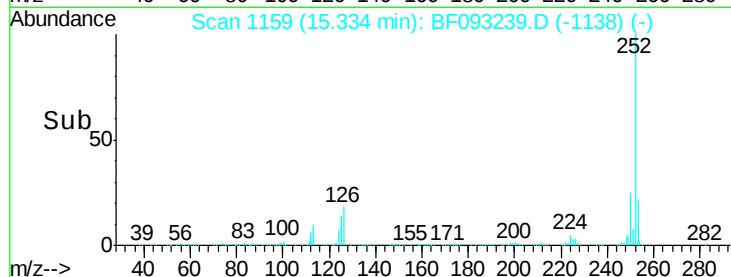
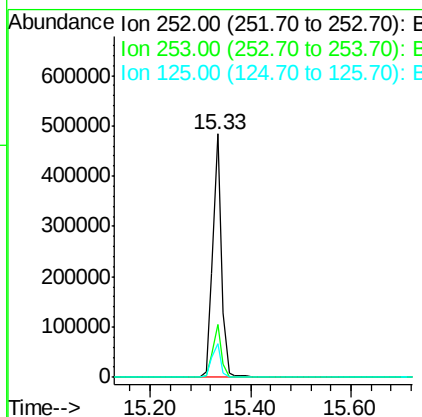
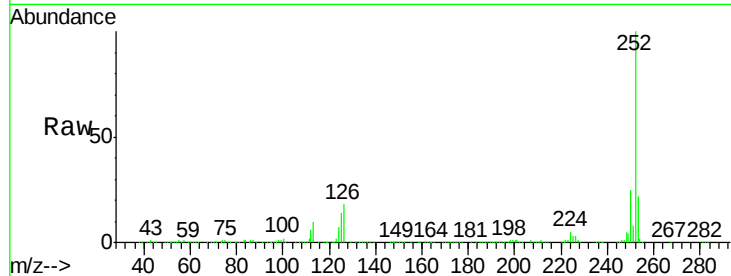
#89
Benzo(a)pyrene
Concen: 39.55 ng
RT: 15.33 min Scan# 1159
Delta R.T. -0.06 min
Lab File: BF093239.D
Acq: 28 Feb 2017 10:44

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.7	18.2	27.2
125	13.7	10.0	15.0

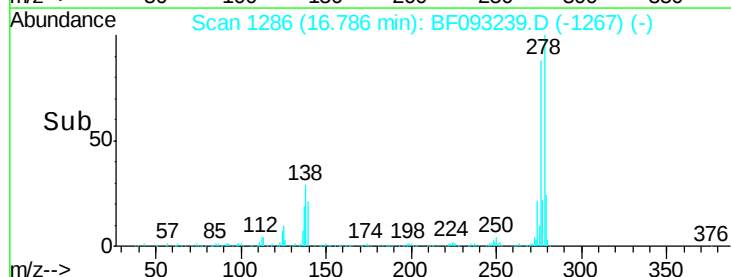
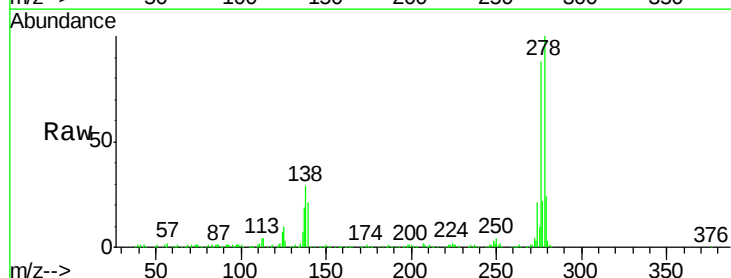
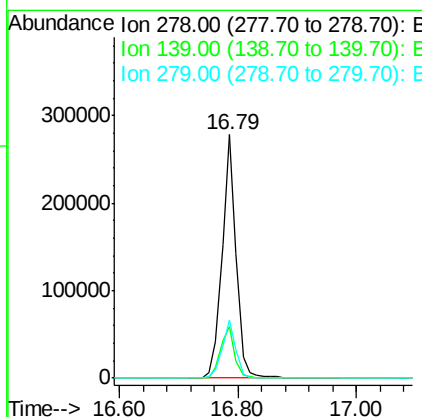
Manual Integrations
APPROVED

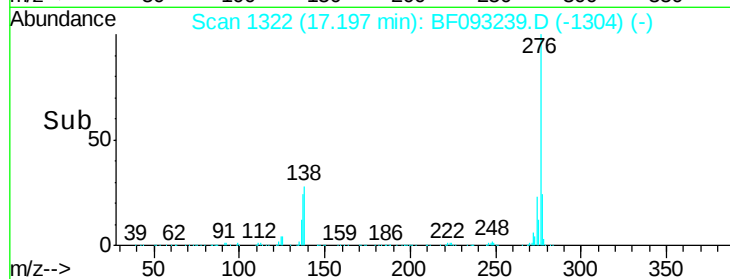
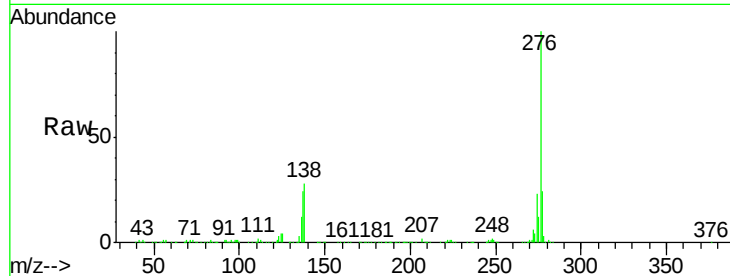
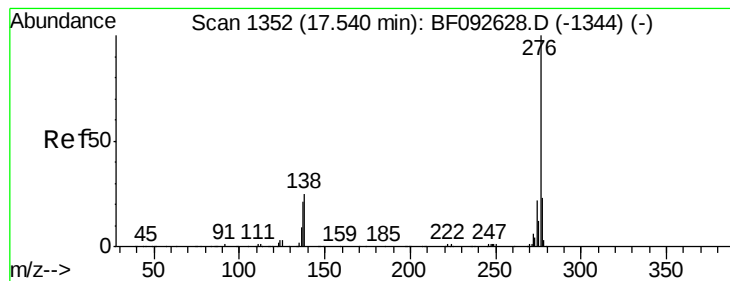
mohammad
3/1/2017 4:05:43 PM



#90
Dibenzo(a,h)anthracene
Concen: 38.51 ng
RT: 16.79 min Scan# 1286
Delta R.T. -0.08 min
Lab File: BF093239.D
Acq: 28 Feb 2017 10:44

Tgt Ion	Ratio	Lower	Upper
278	100		
139	21.1	14.8	22.2
279	23.6	19.8	29.6





#91

Benzo(g,h,i)perylene

Concen: 39.16 ng

RT: 17.20 min Scan# 1322

Delta R.T. -0.09 min

Lab File: BF093239.D

Acq: 28 Feb 2017 10:44

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion: 276 Resp: 470438

Ion Ratio Lower Upper

276 100

277 24.0 19.2 28.8

138 28.2 16.0 24.0#

Manual Integrations

APPROVED

mohammad

3/1/2017 4:05:43 PM

