

Data Path : Z:\HPCHEM1\BNA F\DATA\BF012617\
 Data File : BF092532.D
 Acq On : 26 Jan 2017 18:36
 Operator : SJ/MA
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Manual Integrations
 APPROVED

mohammad
 1/27/2017 3:03:01 PM

Quant Time: Jan 27 01:14:45 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF012417.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jan 24 13:48:07 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.98	152	184515	20.00	ng	0.01
21) Naphthalene-d8	8.27	136	753680	20.00	ng	0.00
38) Acenaphthene-d10	10.04	164	413682	20.00	ng	0.01
63) Phenanthrene-d10	11.53	188	678857	20.00	ng	0.00
75) Chrysene-d12	14.17	240	501178	20.00	ng	0.00
86) Perylene-d12	15.65	264	430158	20.00	ng	0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	906585	76.44	ng	0.01
7) Phenol-d6	6.60	99	1146490	75.89	ng	0.01
23) Nitrobenzene-d5	7.55	82	1150374	83.38	ng	0.01
41) 2,4,6-Tribromophenol	10.83	330	239173	84.84	ng	0.01
44) 2-Fluorobiphenyl	9.36	172	1693633	75.71	ng	0.00
78) Terphenyl-d14	13.12	244	1520512	80.79	ng	0.00

Target Compounds						Qvalue
2) 1,4-Dioxane	2.64	88	231850	36.76	ng	# 84
3) Pyridine	3.39	79	655029	36.48	ng	# 85
4) n-Nitrosodimethylamine	3.34	42	309162	35.10	ng	# 83
6) Aniline	6.64	93	878407	38.98	ng	# 45
8) 2-Chlorophenol	6.76	128	513809	41.25	ng	# 93
9) Benzaldehyde	6.52	77	400995	37.41	ng	# 96
10) Phenol	6.61	94	702042	38.50	ng	# 73
11) bis(2-Chloroethyl)ether	6.70	93	481614	35.30	ng	# 88
12) 1,3-Dichlorobenzene	6.92	146	568806	38.61	ng	# 99
13) 1,4-Dichlorobenzene	6.99	146	561424	37.86	ng	# 98
14) 1,2-Dichlorobenzene	7.15	146	557765	39.65	ng	# 97
15) Benzyl Alcohol	7.12	79	436036	38.30	ng	# 97
16) 2,2'-oxybis(1-Chloropropan	7.25	45	1004477	37.22	ng	# 92
17) 2-Methylphenol	7.23	107	421749	39.62	ng	# 95
18) Hexachloroethane	7.49	117	197357	38.64	ng	# 97
19) n-Nitroso-di-n-propylamine	7.39	70	374892	36.44	ng	# 90
20) 3+4-Methylphenols	7.38	107	498961	38.64	ng	# 93
22) Acetophenone	7.39	105	665866	37.09	ng	# 95
24) Nitrobenzene	7.56	77	506257	35.02	ng	# 100
25) Isophorone	7.80	82	1020616	37.54	ng	# 94
26) 2-Nitrophenol	7.88	139	270016	44.58	ng	# 97
27) 2,4-Dimethylphenol	7.92	122	442817	35.15	ng	# 98
28) bis(2-Chloroethoxy)methane	8.02	93	702819	39.38	ng	# 100
29) 2,4-Dichlorophenol	8.12	162	417511	38.23	ng	# 90
30) 1,2,4-Trichlorobenzene	8.21	180	473235	40.09	ng	# 96
31) Naphthalene	8.29	128	1433231	37.15	ng	# 99
32) Benzoic acid	8.03	122	209658	24.78	ng	# 96
33) 4-Chloroaniline	8.34	127	618524	37.90	ng	# 97
34) Hexachlorobutadiene	8.41	225	240631	37.27	ng	# 100
35) Caprolactam	8.73	113	134928	37.00	ng	# 27
36) 4-Chloro-3-methylphenol	8.82	107	455628	38.69	ng	# 94
37) 2-Methylnaphthalene	8.99	142	955404	39.12	ng	# 98
39) 1,2,4,5-Tetrachlorobenzene	9.16	216	434167	41.61	ng	# 99
40) Hexachlorocyclopentadiene	9.14	237	202804	38.81	ng	# 94

Data Path : Z:\HPCHEM1\BNA F\DATA\BF012617\
 Data File : BF092532.D
 Acq On : 26 Jan 2017 18:36
 Operator : SJ/MA
 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDC0040

Manual Integrations
 APPROVED

mohammad
 1/27/2017 3:03:01 PM

Quant Time: Jan 27 01:14:45 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF012417.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jan 24 13:48:07 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.26	196	314544	39.34	nq	91
43) 2,4,5-Trichlorophenol	9.31	196	318046	43.48	nq #	84
45) 1,1'-Biphenyl	9.46	154	1198173	40.07	nq	99
46) 2-Chloronaphthalene	9.48	162	919671	37.65	nq	97
47) 2-Nitroaniline	9.57	65	300670	36.56	nq	97
48) Acenaphthylene	9.90	152	1437361	40.12	nq	97
49) Dimethylphthalate	9.76	163	966063	36.72	nq	98
50) 2,6-Dinitrotoluene	9.82	165	234601	43.63	nq #	72
51) Acenaphthene	10.08	154	921225	41.38	nq	98
52) 3-Nitroaniline	9.98	138	266434	39.56	nq	98
53) 2,4-Dinitrophenol	10.09	184	115667	45.17	nq #	43
54) Dibenzofuran	10.25	168	1208612	39.99	nq	91
55) 4-Nitrophenol	10.14	139	245002	45.81	nq #	79
56) 2,4-Dinitrotoluene	10.22	165	339066	47.51	nq #	85
57) Fluorene	10.59	166	964229	43.02	nq	98
58) 2,3,4,6-Tetrachlorophenol	10.36	232	236300	43.11	nq	96
59) Diethylphthalate	10.45	149	953066	37.78	nq	99
60) 4-Chlorophenyl-phenylether	10.58	204	446136	41.04	nq #	85
61) 4-Nitroaniline	10.60	138	269652	40.04	nq	94
62) Azobenzene	10.74	77	1101463	38.37	nq	94
64) 4,6-Dinitro-2-methylphenol	10.64	198	185705	50.48	nq	83
65) n-Nitrosodiphenylamine	10.69	169	810191	38.22	nq	100
66) 4-Bromophenyl-phenylether	11.07	248	275307	40.17	nq	92
67) Hexachlorobenzene	11.14	284	281761	40.67	nq	99
68) Atrazine	11.23	200	315363	43.46	nq	95
69) Pentachlorophenol	11.33	266	181599	41.00	nq	98
70) Phenanthrene	11.55	178	1312568	35.11	nq	99
71) Anthracene	11.61	178	1510716	41.35	nq	98
72) Carbazole	11.76	167	1274771	36.54	nq	99
73) Di-n-butylphthalate	12.09	149	1583982	39.71	nq #	98
74) Fluoranthene	12.74	202	1356915	37.11	nq	98
76) Benzidine	12.86	184	837576	45.02	nq	99
77) Pyrene	12.97	202	1456170	40.10	nq	100
79) Butylbenzylphthalate	13.59	149	639368	43.46	nq	97
80) Benzo(a)anthracene	14.16	228	1121646	41.64	nq	99
81) 3,3'-Dichlorobenzidine	14.12	252	437967	42.83	nq #	96
82) Chrysene	14.20	228	1200095	41.72	nq	99
83) Bis(2-ethylhexyl)phthalate	14.15	149	833541	44.99	nq #	98
84) Di-n-octyl phthalate	14.76	149	1494400	44.43	nq	98
85) Indeno(1,2,3-cd)pyrene	17.15	276	898280	42.21	nq	95
87) Benzo(b)fluoranthene	15.22	252	1000756	36.24	nq	99
88) Benzo(k)fluoranthene	15.25	252	1001640m	43.62	nq	
89) Benzo(a)pyrene	15.60	252	940916	40.28	nq	97
90) Dibenzo(a,h)anthracene	17.17	278	774802	41.01	nq	99
91) Benzo(g,h,i)perylene	17.61	276	780678	40.86	nq #	92

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

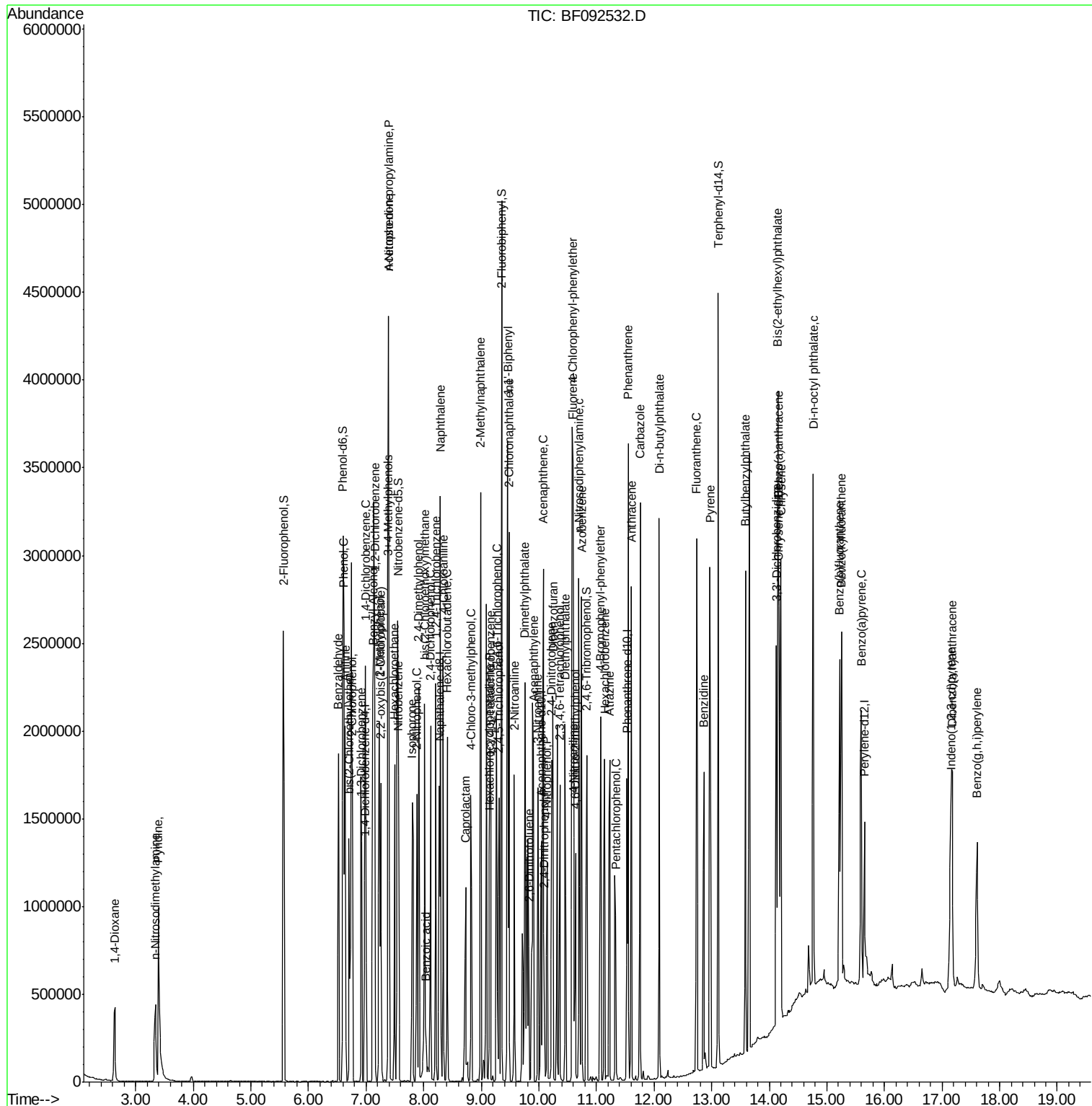
```
Data Path : Z:\HPCHEM1\BNA F\DATA\BF012617\  
Data File : BF092532.D  
Acq On    : 26 Jan 2017   18:36  
Operator  : SJ/MA  
Sample    : SSTCCC040  
Misc      :  
ALS Vial  : 2      Sample Multiplier: 1
```

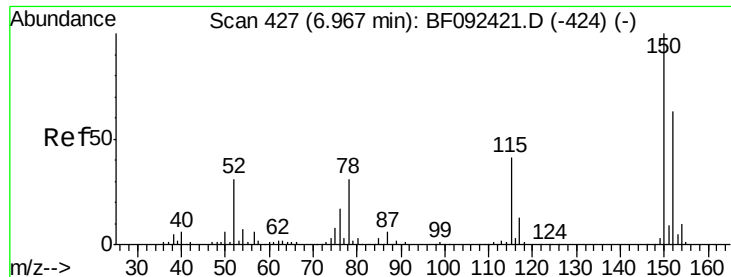
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED

mohammad
1/27/2017 3:03:01 PM

Quant Time: Jan 27 01:14:45 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF012417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jan 24 13:48:07 2017
Response via : Initial Calibration





#1

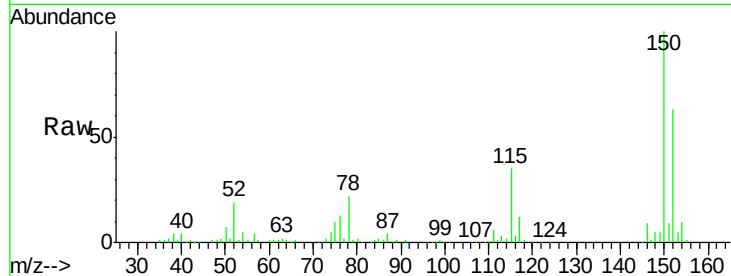
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.98 min Scan# 428
Delta R.T. 0.01 min
Lab File: BF092532.D
Acq: 26 Jan 2017 18:36

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.0	124.9	187.3
115	55.5	46.0	69.0

Manual Integrations
APPROVED

mohammad
1/27/2017 3:03:01 PM

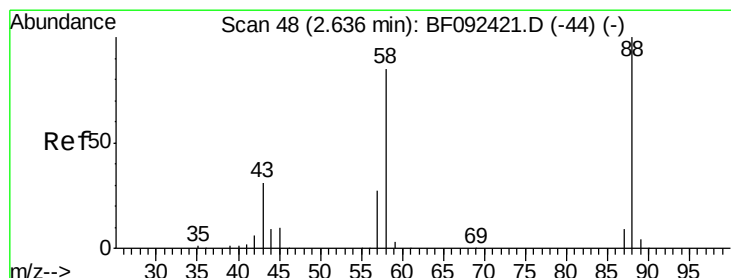
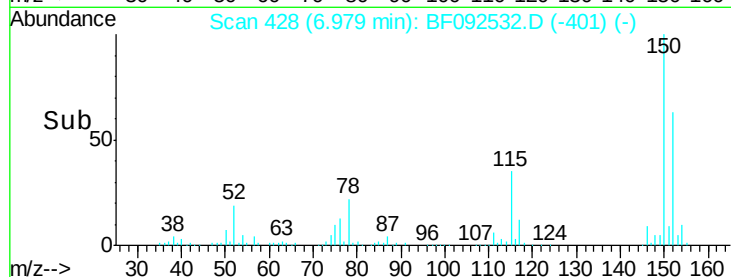
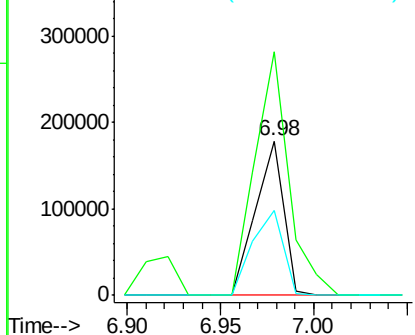


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

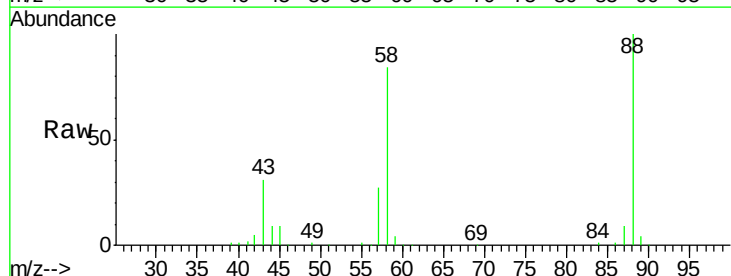
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 36.76 ng
RT: 2.64 min Scan# 48
Delta R.T. -0.00 min
Lab File: BF092532.D
Acq: 26 Jan 2017 18:36

Tgt Ion	Ratio	Lower	Upper
88	100		
58	87.3	57.8	86.8#
43	33.5	22.3	33.5#

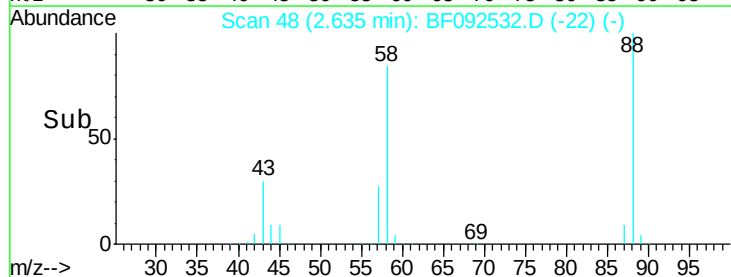
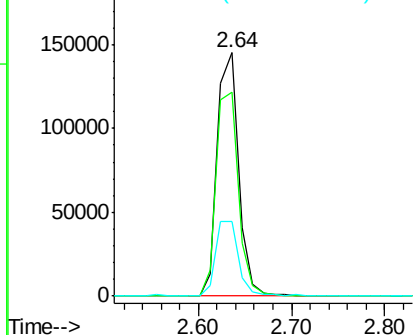


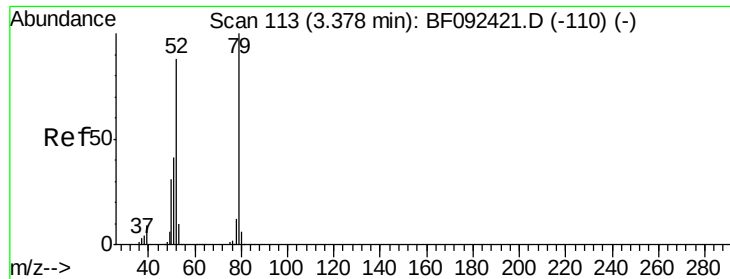
Abundance

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

Pvridine

Concen: 36.48 ng

RT: 3.39 min Scan# 114

Delta R.T. 0.01 min

Lab File: BF092532.D

Acq: 26 Jan 2017 18:36

Instrument :

BNA_F

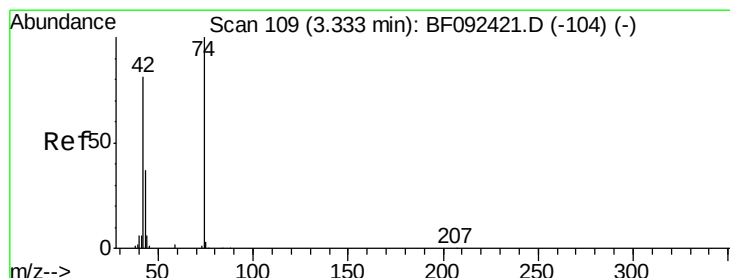
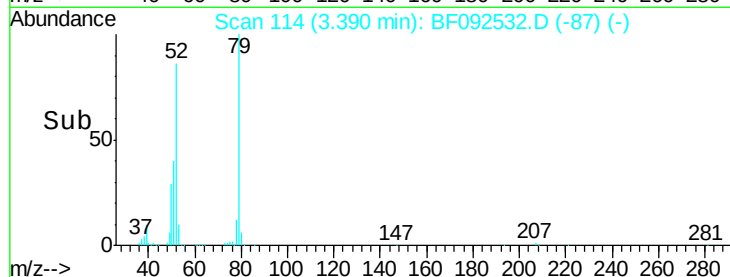
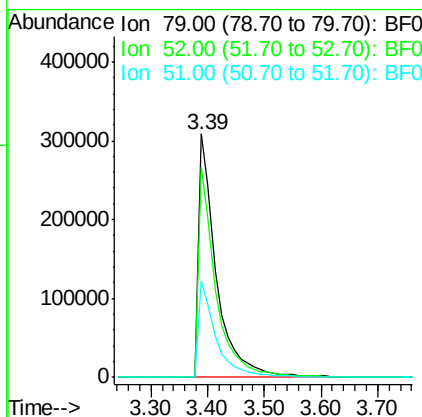
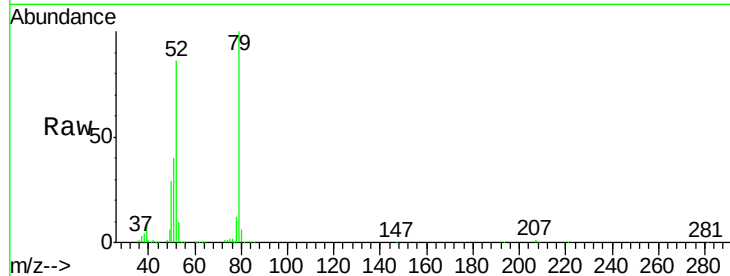
ClientSampleId :

SSTDCCC040

Tot Ion:	79	Resp:	655029
Ion Ratio	Lower	Upper	
79	100		
52	86.2	57.1	85.7#
51	39.7	27.3	40.9

Manual Integrations
APPROVED

mohammad
1/27/2017 3:03:01 PM



#4

n-Nitrosodimethylamine

Concen: 35.10 ng

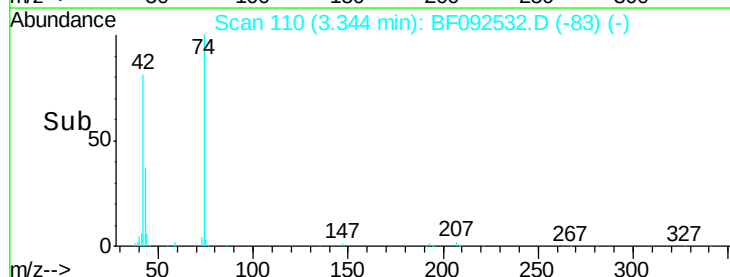
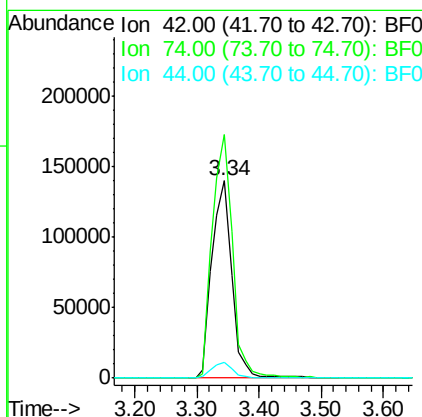
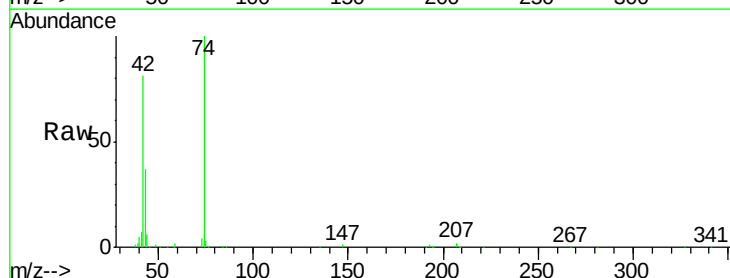
RT: 3.34 min Scan# 110

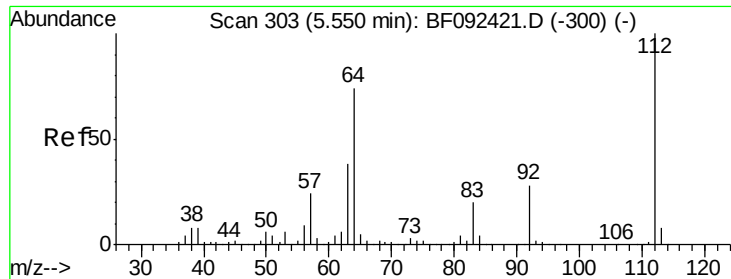
Delta R.T. 0.01 min

Lab File: BF092532.D

Acq: 26 Jan 2017 18:36

Tgt Ion:	42	Resp:	309162
Ion Ratio	Lower	Upper	
42	100		
74	123.6	117.0	175.4
44	7.8	5.5	8.3





#5

2-Fluorophenol

Concen: 76.44 ng

RT: 5.56 min Scan# 304

Delta R.T. 0.01 min

Lab File: BF092532.D

Acq: 26 Jan 2017 18:36

Instrument :

BNA_F

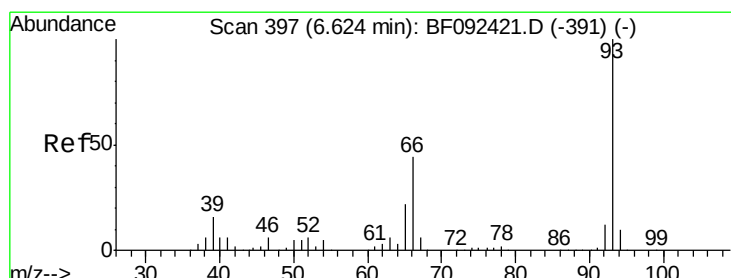
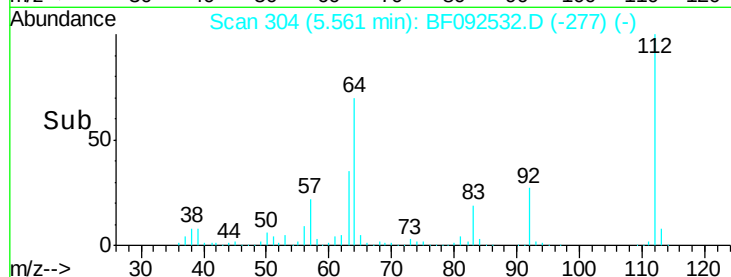
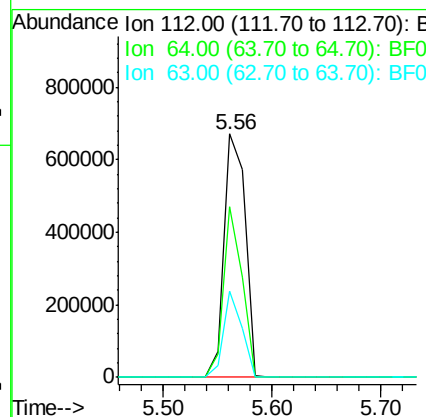
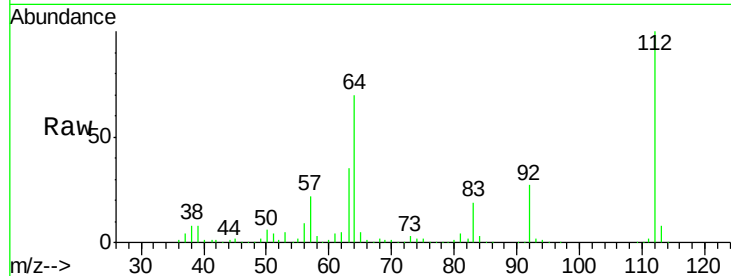
ClientSampleId :

SSTDCCC040

Tot Ion:	112	Resp:	906585
Ion Ratio	Lower	Upper	
112	100		
64	70.2	46.1	69.1#
63	35.5	23.8	35.6

Manual Integrations
APPROVED

mohammad
1/27/2017 3:03:01 PM



#6

Aniline

Concen: 38.98 ng

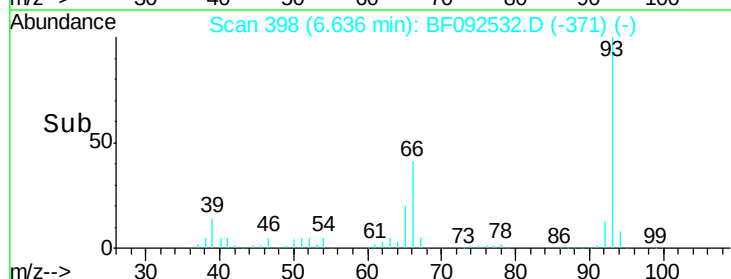
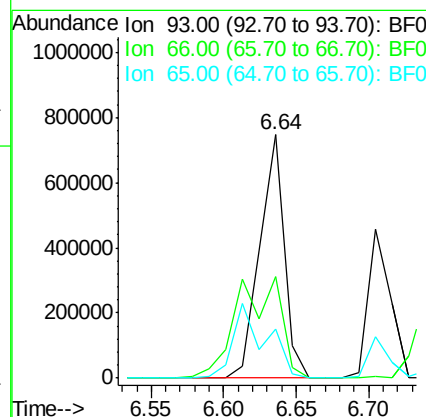
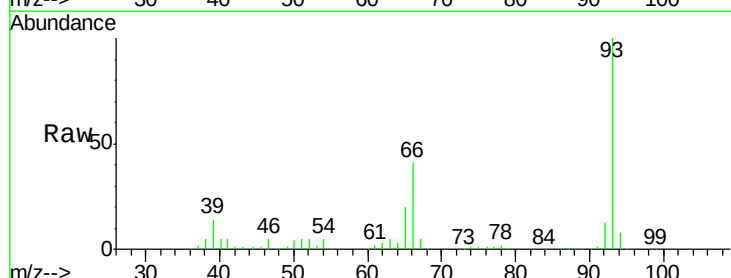
RT: 6.64 min Scan# 398

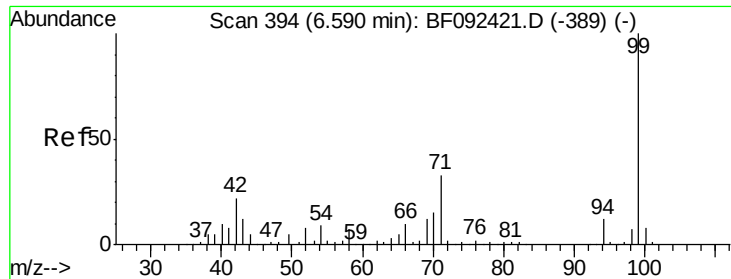
Delta R.T. 0.01 min

Lab File: BF092532.D

Acq: 26 Jan 2017 18:36

Tgt Ion:	93	Resp:	878407
Ion Ratio	Lower	Upper	
93	100		
66	41.5	76.2	114.2#
65	20.3	49.3	73.9#





#7

Phenol-d6

Concen: 75.89 ng

RT: 6.60 min Scan# 395

Delta R.T. 0.01 min

Lab File: BF092532.D

Acq: 26 Jan 2017 18:36

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion: 99 Resp: 1146490

Ion Ratio Lower Upper

99 100

42 20.6 15.6 23.4

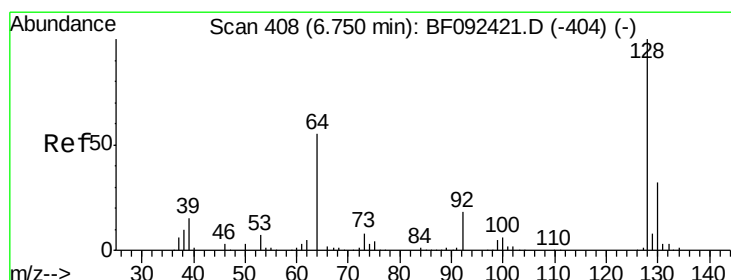
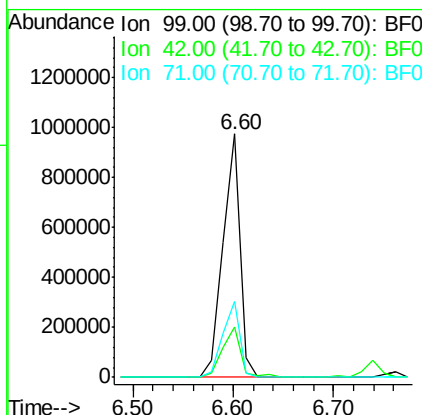
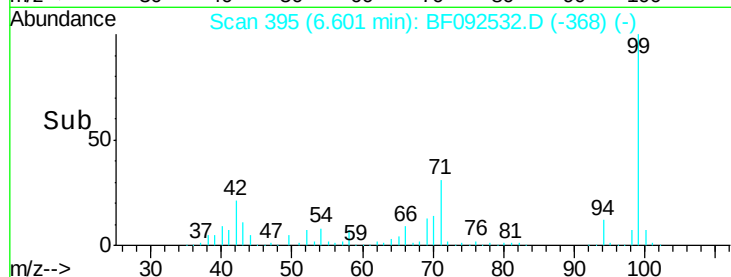
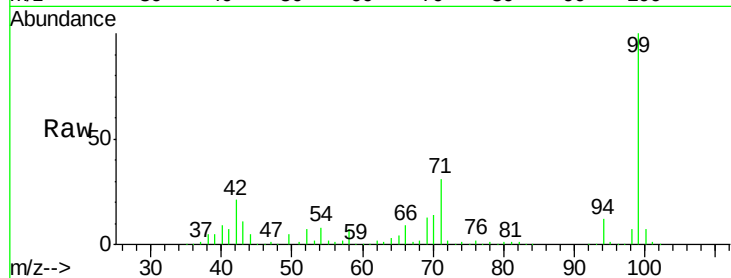
71 31.4 27.5 41.3

Manual Integrations

APPROVED

mohammad

1/27/2017 3:03:01 PM



#8

2-Chlorophenol

Concen: 41.25 ng

RT: 6.76 min Scan# 409

Delta R.T. 0.01 min

Lab File: BF092532.D

Acq: 26 Jan 2017 18:36

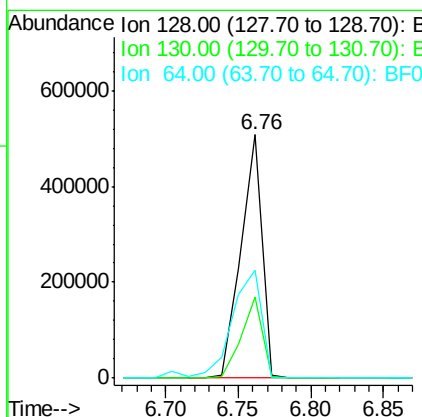
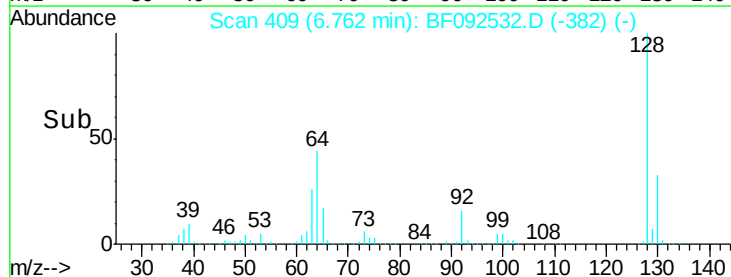
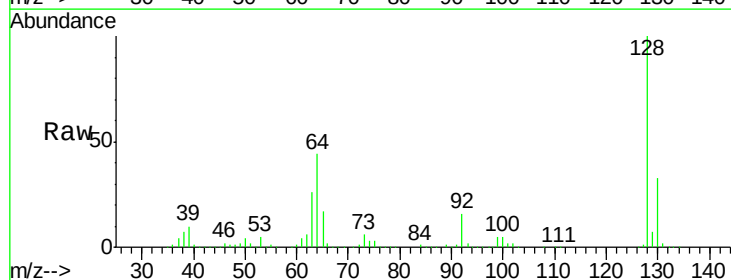
Tgt Ion: 128 Resp: 513809

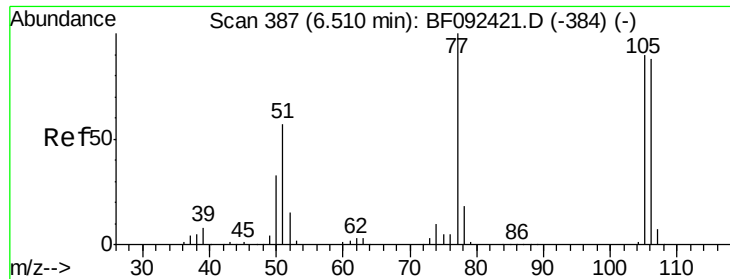
Ion Ratio Lower Upper

128 100

130 33.1 12.3 52.3

64 44.4 32.2 72.2





#9

Benzaldehyde

Concen: 37.41 ng

RT: 6.52 min Scan# 388

Delta R.T. 0.01 min

Lab File: BF092532.D

Acq: 26 Jan 2017 18:36

Instrument :

BNA_F

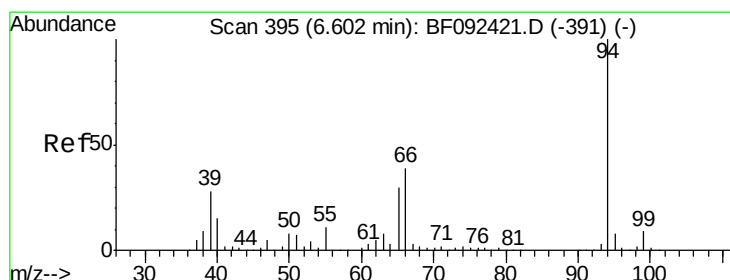
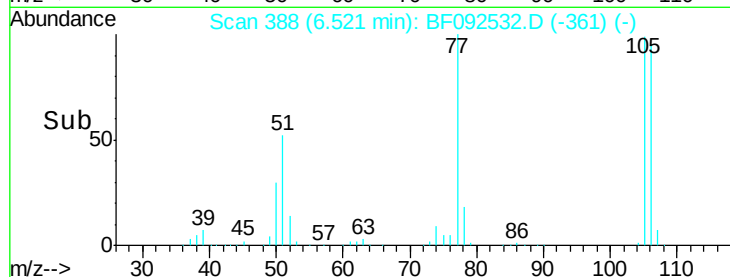
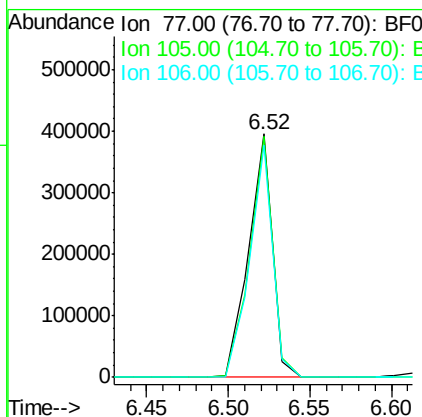
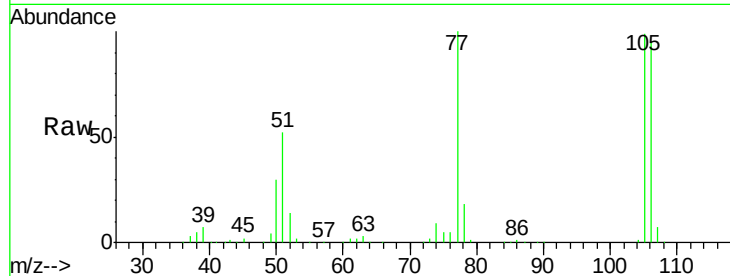
ClientSampled :

SSTDCCC040

Tot Ion:	77	Resp:	400995
Ion	Ratio	Lower	Upper
77	100		
105	98.8	83.9	123.9
106	95.1	77.6	117.6

Manual Integrations
APPROVED

mohammad
1/27/2017 3:03:01 PM



#10

Phenol

Concen: 38.50 ng

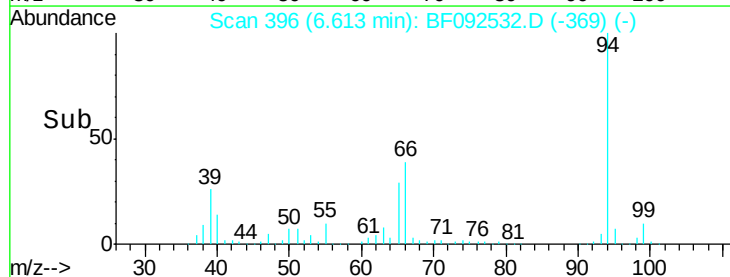
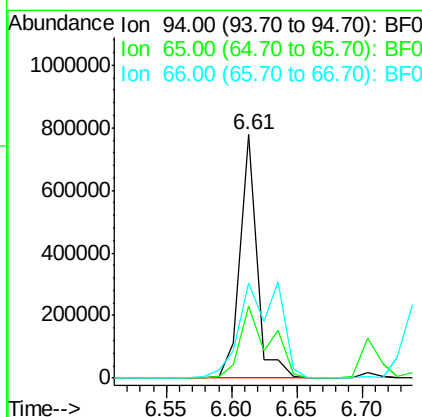
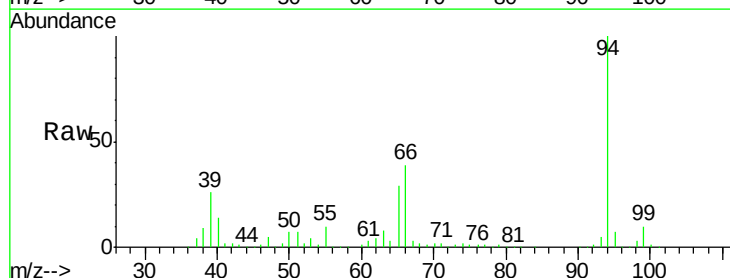
RT: 6.61 min Scan# 396

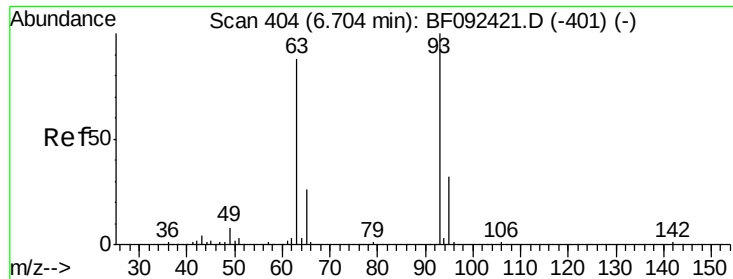
Delta R.T. 0.01 min

Lab File: BF092532.D

Acq: 26 Jan 2017 18:36

Tgt Ion:	94	Resp:	702042
Ion	Ratio	Lower	Upper
94	100		
65	29.5	21.4	61.4
66	38.9	44.0	84.0#





#11

bis(2-Chloroethyl)ether

Concen: 35.30 ng

RT: 6.70 min Scan# 404

Delta R.T. -0.00 min

Lab File: BF092532.D

Acq: 26 Jan 2017 18:36

Instrument :

BNA_F

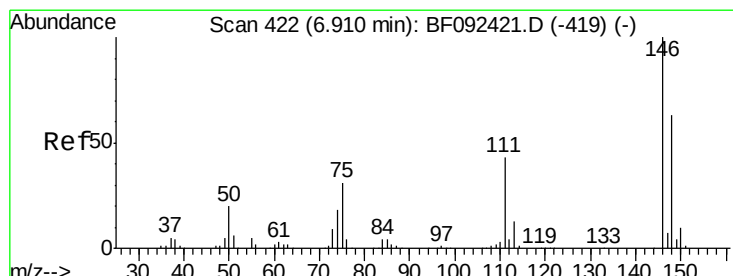
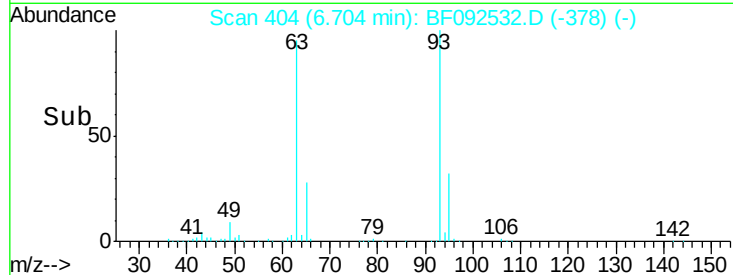
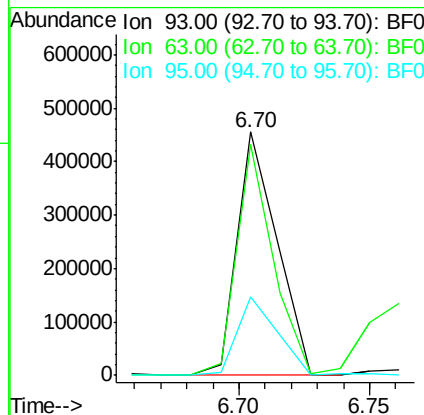
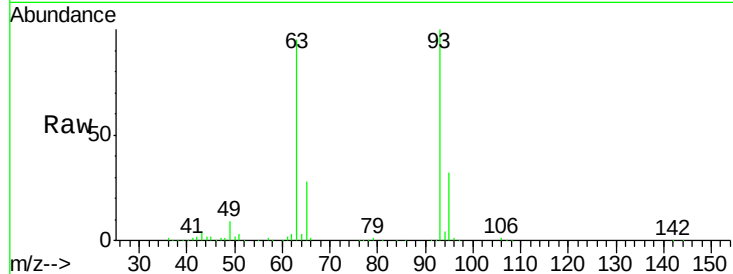
ClientSampleId :

SSTDCCC040

Tot Ion:	93	Resp:	481614
Ion	Ratio	Lower	Upper
93	100		
63	94.7	60.4	100.4
95	32.4	12.8	52.8

Manual Integrations
APPROVED

mohammad
1/27/2017 3:03:01 PM



#12

1,3-Dichlorobenzene

Concen: 38.61 ng

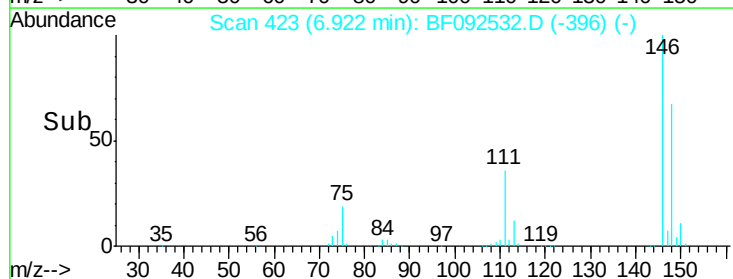
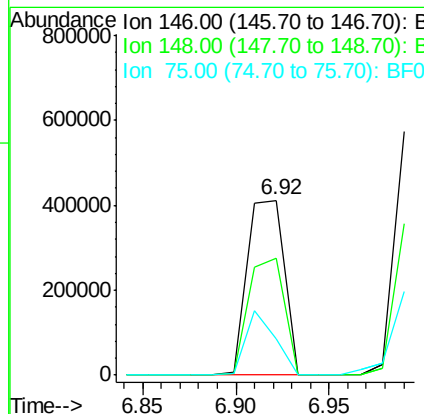
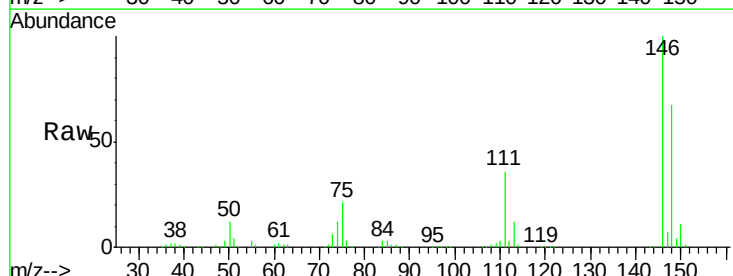
RT: 6.92 min Scan# 423

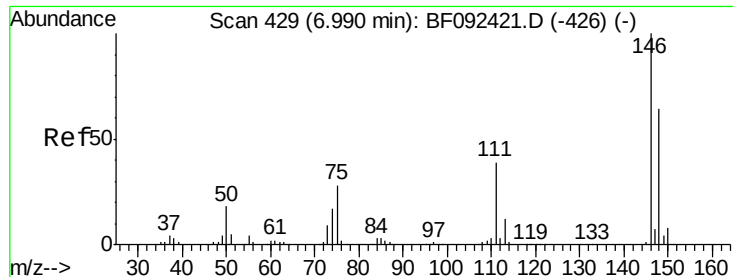
Delta R.T. 0.01 min

Lab File: BF092532.D

Acq: 26 Jan 2017 18:36

Tgt Ion:	146	Resp:	568806
Ion	Ratio	Lower	Upper
146	100		
148	66.9	53.4	80.0
75	20.9	18.5	27.7





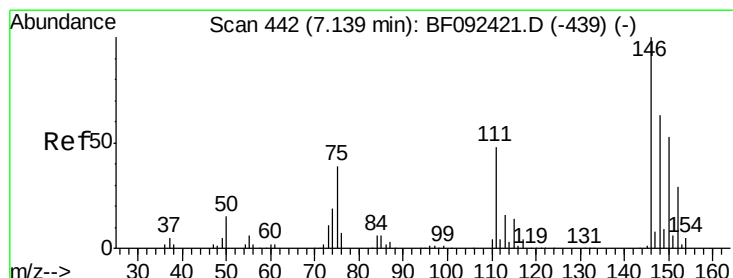
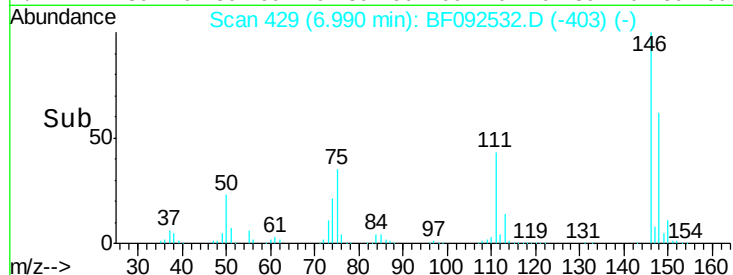
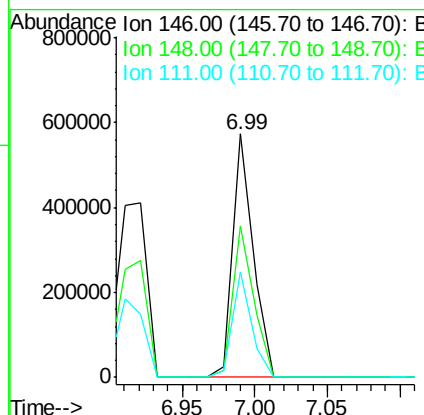
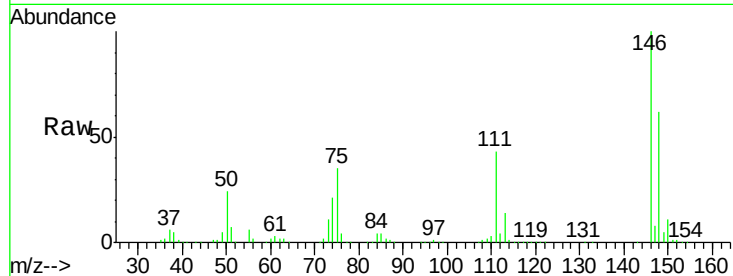
#13
 1,4-Dichlorobenzene
 Concen: 37.86 ng
 RT: 6.99 min Scan# 429
 Delta R.T. -0.00 min
 Lab File: BF092532.D
 Acq: 26 Jan 2017 18:36

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
146	100		
148	62.0	50.6	76.0
111	43.3	36.2	54.4

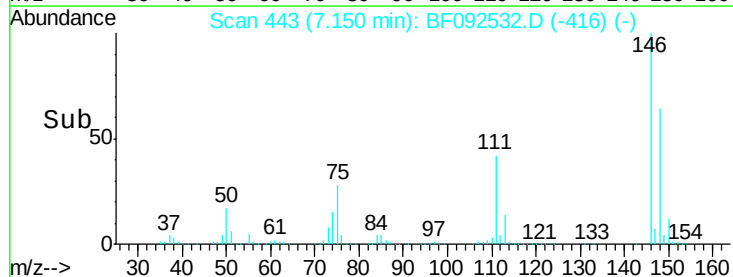
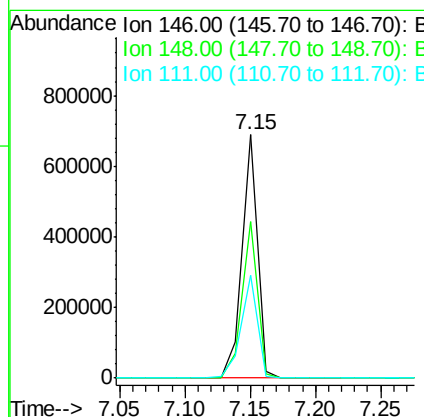
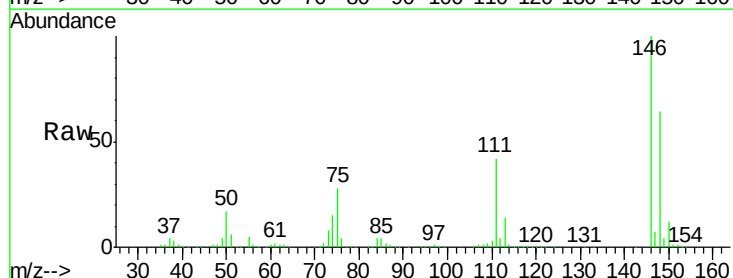
Manual Integrations
 APPROVED

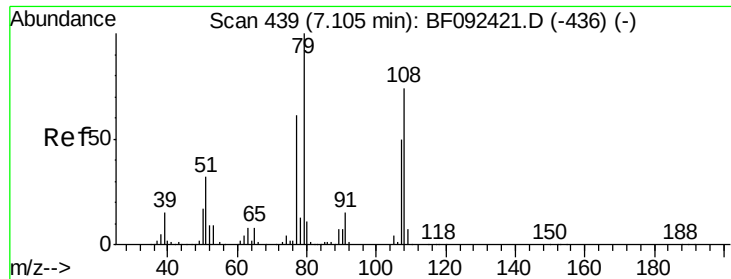
mohammad
 1/27/2017 3:03:01 PM



#14
 1,2-Dichlorobenzene
 Concen: 39.65 ng
 RT: 7.15 min Scan# 443
 Delta R.T. 0.01 min
 Lab File: BF092532.D
 Acq: 26 Jan 2017 18:36

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.1	52.2	78.2
111	42.0	36.2	54.2





#15

Benzyl Alcohol

Concen: 38.30 ng

RT: 7.12 min Scan# 440

Delta R.T. 0.01 min

Lab File: BF092532.D

Acq: 26 Jan 2017 18:36

Instrument :

BNA_F

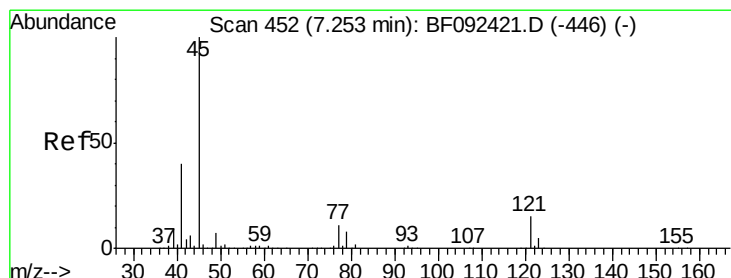
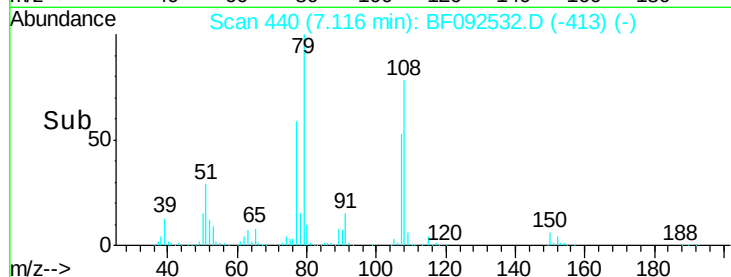
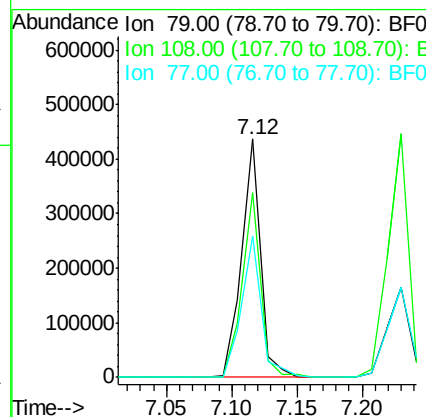
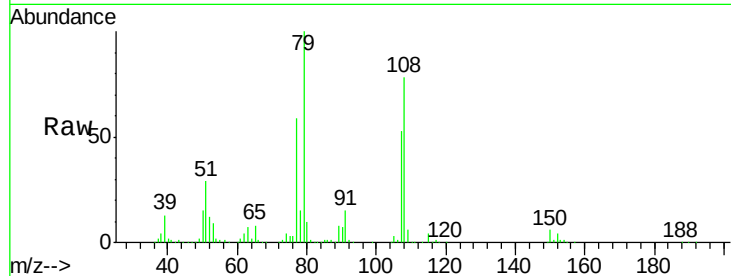
ClientSampleId :

SSTDCCC040

Tot Ion:	79	Resp:	436036
Ion	Ratio	Lower	Upper
79	100		
108	77.6	61.4	92.0
77	59.2	50.9	76.3

Manual Integrations
APPROVED

mohammad
1/27/2017 3:03:01 PM



#16

2,2'-oxybis(1-Chloropropane)

Concen: 37.22 ng

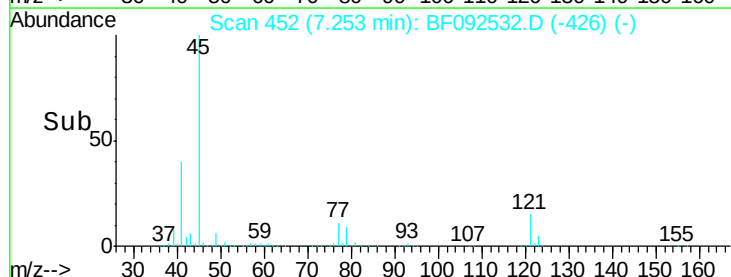
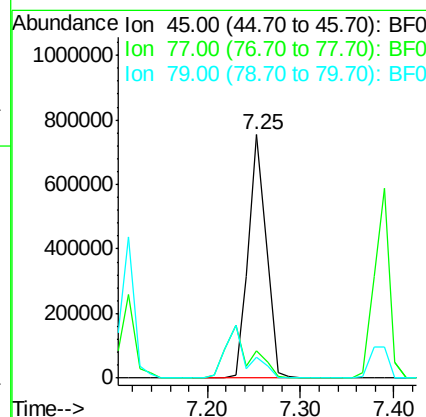
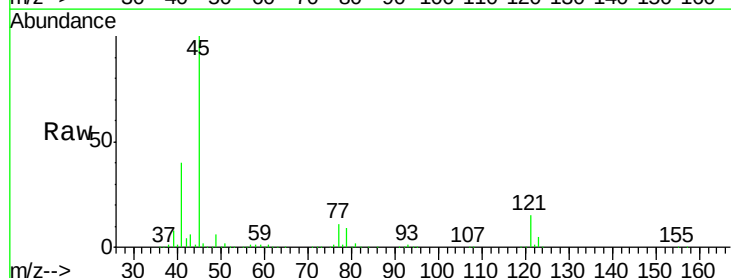
RT: 7.25 min Scan# 452

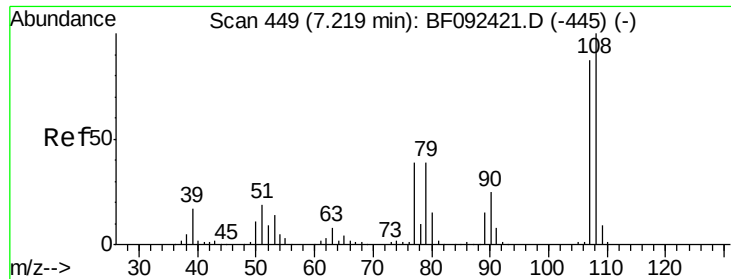
Delta R.T. -0.00 min

Lab File: BF092532.D

Acq: 26 Jan 2017 18:36

Tgt Ion:	45	Resp:	1004477
Ion	Ratio	Lower	Upper
45	100		
77	11.1	0.0	34.6
79	8.5	0.0	31.2





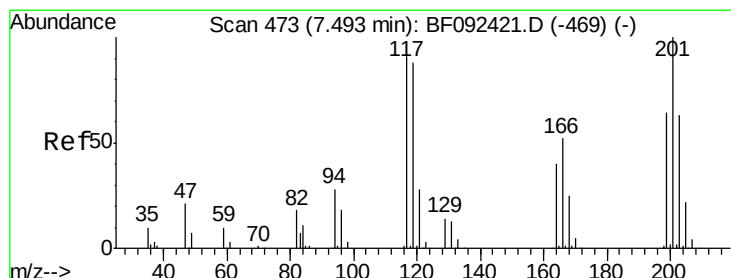
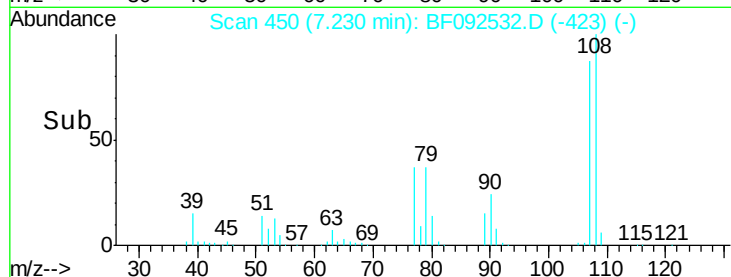
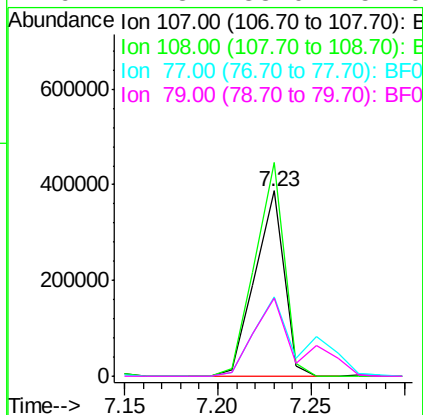
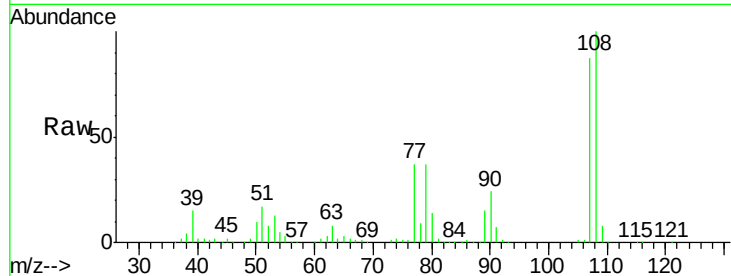
#17
2-Methylphenol
Concen: 39.62 ng
RT: 7.23 min Scan# 450
Delta R.T. 0.01 min
Lab File: BF092532.D
Acq: 26 Jan 2017 18:36

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
107	100		
108	115.2	93.0	139.6
77	42.8	39.8	59.8
79	42.3	38.0	57.0

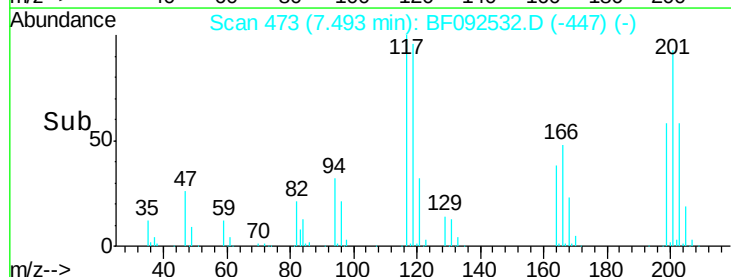
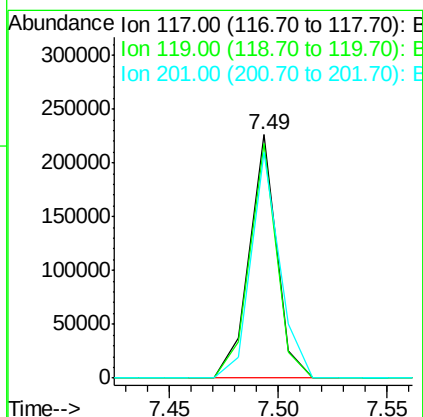
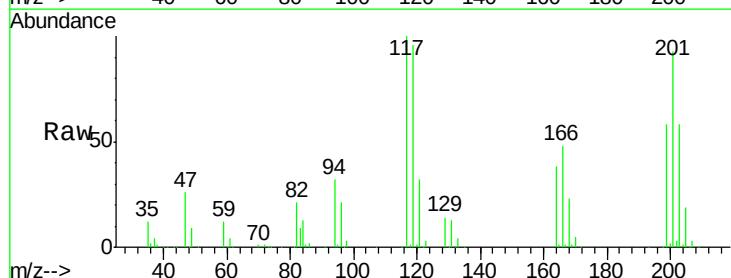
Manual Integrations
APPROVED

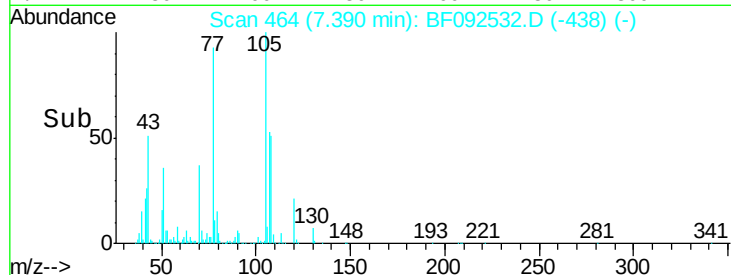
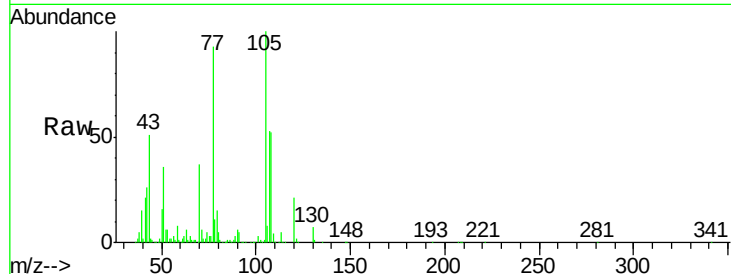
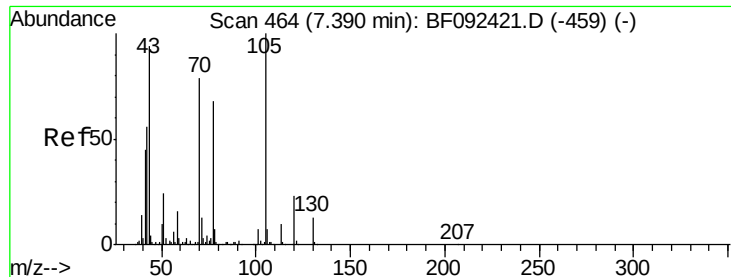
mohammad
1/27/2017 3:03:01 PM



#18
Hexachloroethane
Concen: 38.64 ng
RT: 7.49 min Scan# 473
Delta R.T. -0.00 min
Lab File: BF092532.D
Acq: 26 Jan 2017 18:36

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.5	78.1	117.1
201	92.5	78.6	117.8





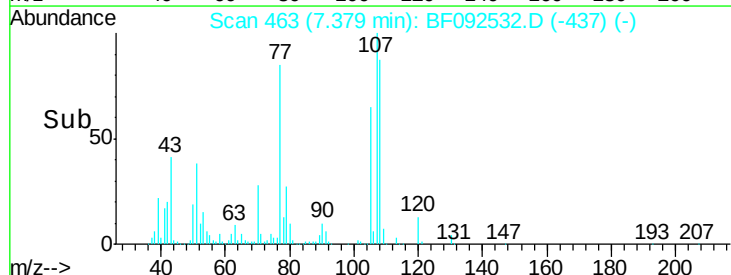
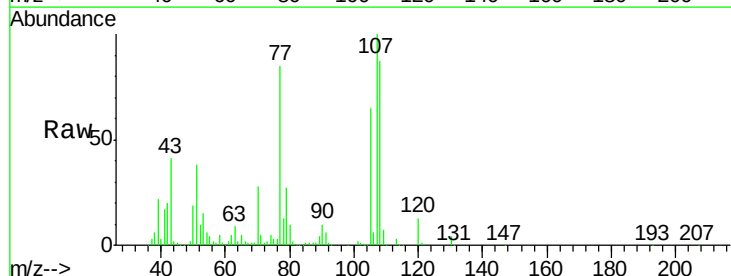
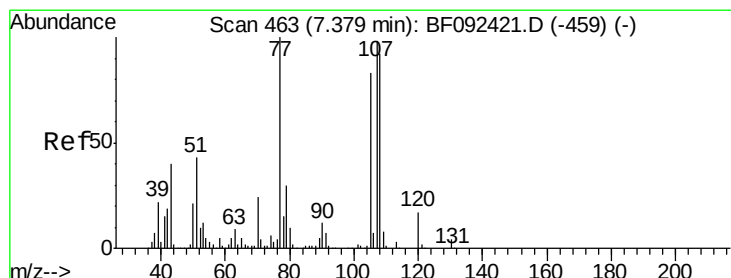
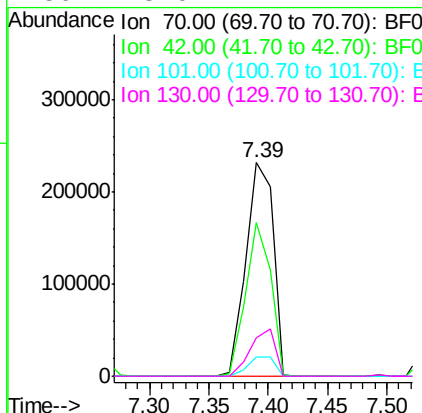
#19
n-Nitroso-di-n-propylamine
Concen: 36.44 ng
RT: 7.39 min Scan# 464
Delta R.T. -0.00 min
Lab File: BF092532.D
Acq: 26 Jan 2017 18:36

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
70	100		
42	72.0	49.4	74.0
101	8.9	7.4	11.2
130	18.0	14.2	21.4

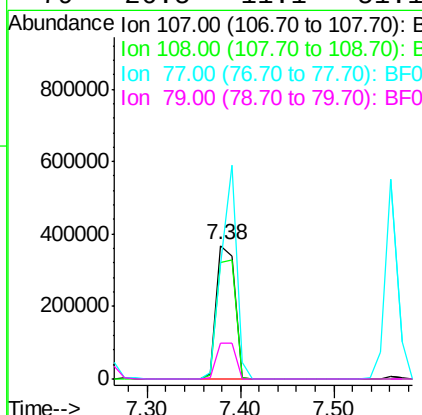
Manual Integrations
APPROVED

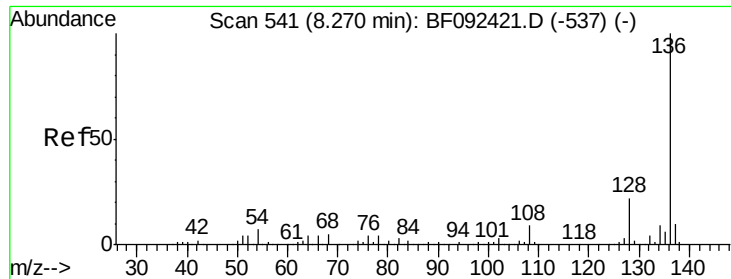
mohammad
1/27/2017 3:03:01 PM



#20
3+4-Methylphenols
Concen: 38.64 ng
RT: 7.38 min Scan# 463
Delta R.T. -0.00 min
Lab File: BF092532.D
Acq: 26 Jan 2017 18:36

Tgt Ion	Ratio	Lower	Upper
107	100		
108	87.1	73.0	113.0
77	84.8	71.3	111.3
79	26.5	11.1	51.1





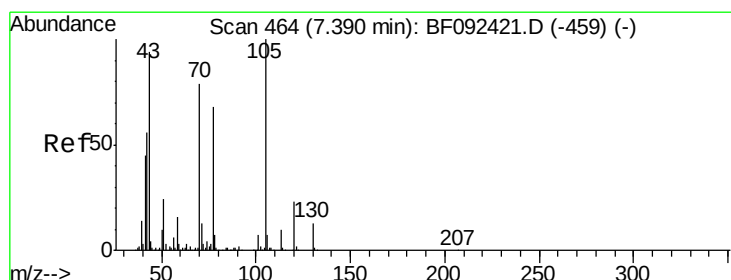
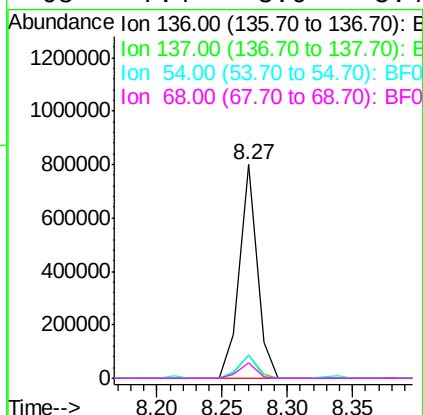
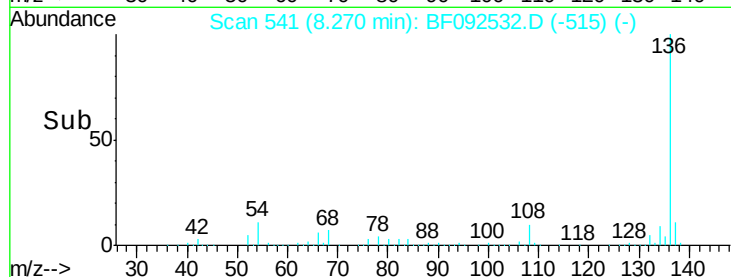
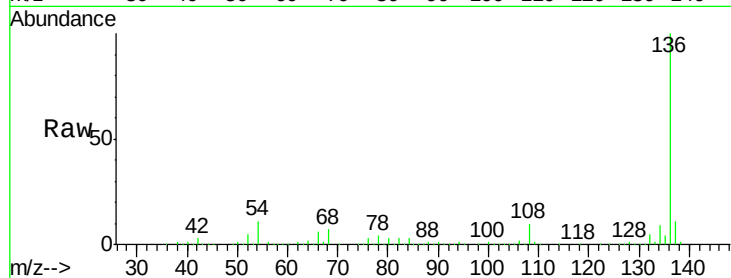
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.27 min Scan# 541
Delta R.T. -0.00 min
Lab File: BF092532.D
Acq: 26 Jan 2017 18:36

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.4	12.6
54	10.8	4.5	6.7#
68	7.4	3.6	5.4#

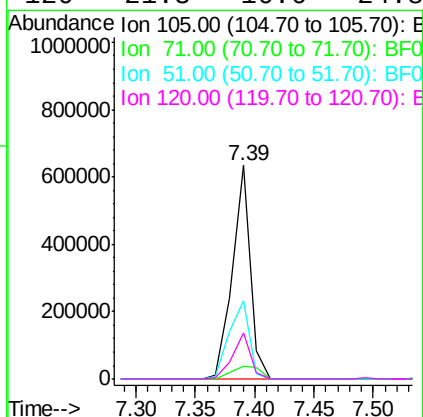
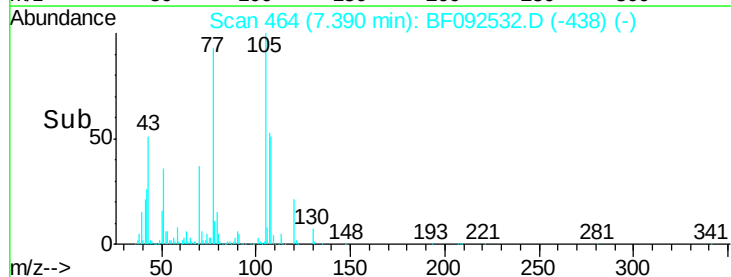
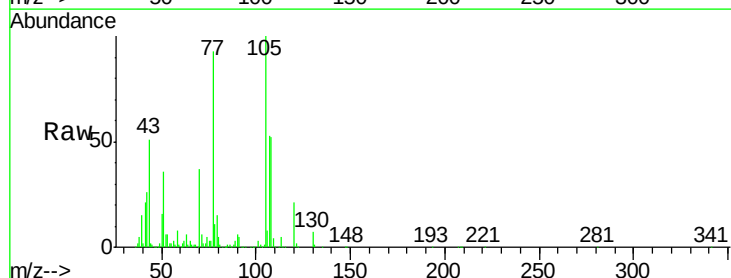
Manual Integrations
APPROVED

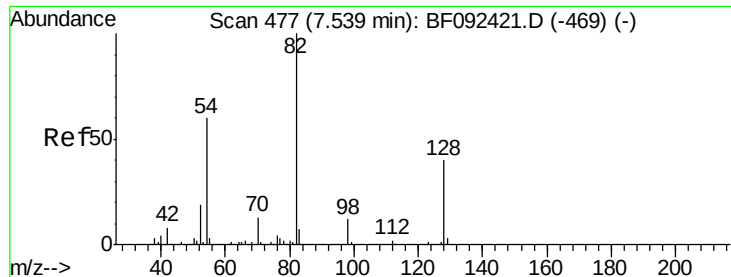
mohammad
1/27/2017 3:03:01 PM



#22
Acetophenone
Concen: 37.09 ng
RT: 7.39 min Scan# 464
Delta R.T. -0.00 min
Lab File: BF092532.D
Acq: 26 Jan 2017 18:36

Tgt Ion	Ratio	Lower	Upper
105	100		
71	6.2	3.2	4.8#
51	36.3	26.2	39.4
120	21.3	16.6	24.8





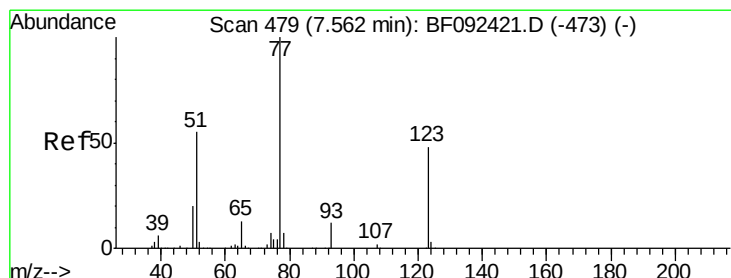
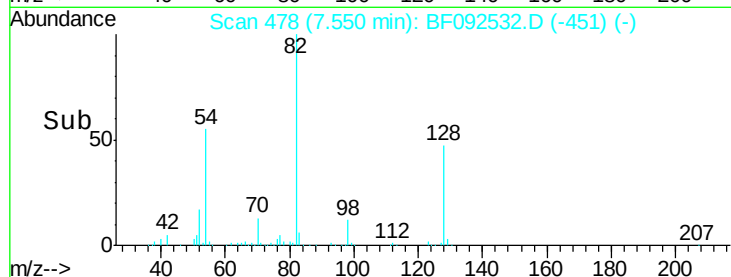
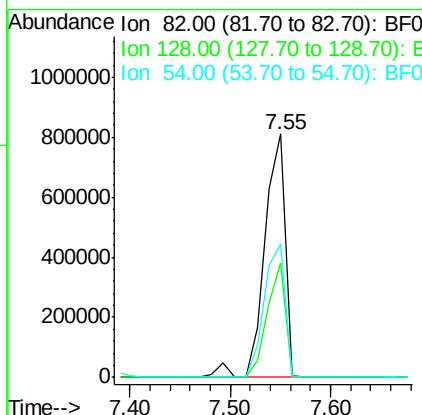
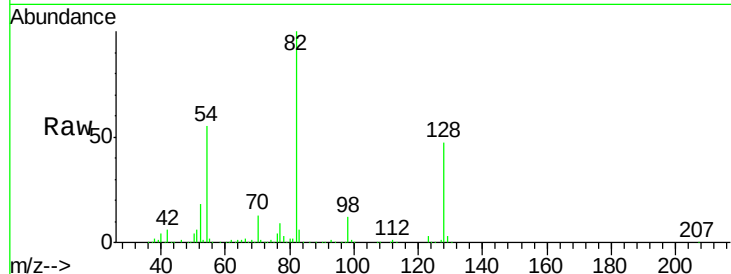
#23
 Nitrobenzene-d5
 Concen: 83.38 ng
 RT: 7.55 min Scan# 478
 Delta R.T. 0.01 min
 Lab File: BF092532.D
 Acq: 26 Jan 2017 18:36

Instrument :
 BNA_F
 ClientSampleID :
 SSTDCCC040

Tot Ion: 82 Resp: 1150374
 Ion Ratio Lower Upper
 82 100
 128 46.9 34.6 52.0
 54 54.8 39.5 59.3

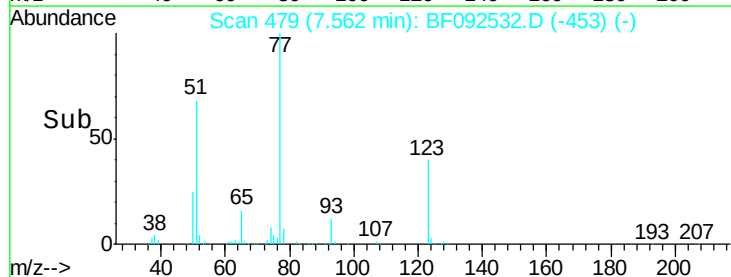
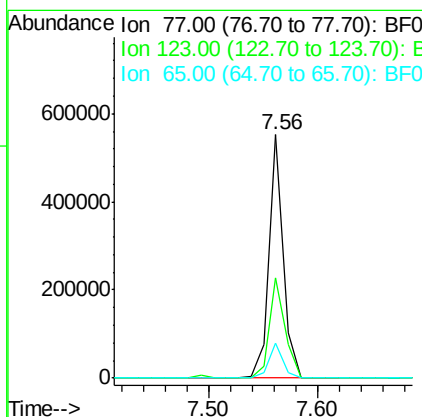
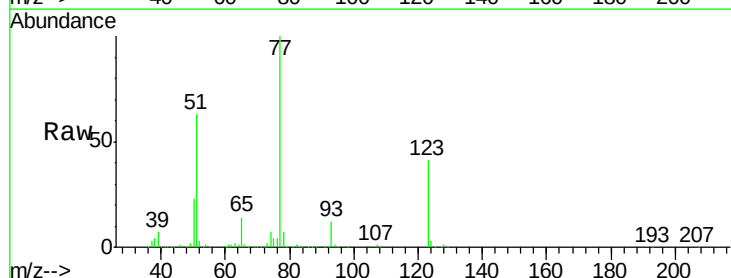
Manual Integrations
 APPROVED

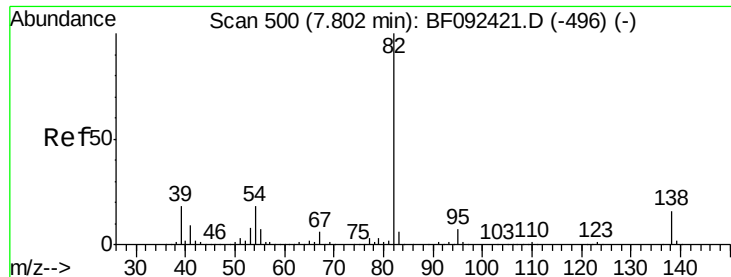
mohammad
 1/27/2017 3:03:01 PM



#24
 Nitrobenzene
 Concen: 35.02 ng
 RT: 7.56 min Scan# 479
 Delta R.T. -0.00 min
 Lab File: BF092532.D
 Acq: 26 Jan 2017 18:36

Tgt Ion: 77 Resp: 506257
 Ion Ratio Lower Upper
 77 100
 123 41.1 33.0 49.4
 65 14.2 11.2 16.8





#25

Isophorone

Concen: 37.54 ng

RT: 7.80 min Scan# 500

Delta R.T. -0.00 min

Lab File: BF092532.D

Acq: 26 Jan 2017 18:36

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion: 82 Resp: 1020616

Ion Ratio Lower Upper

82 100

95 6.2 5.6 8.4

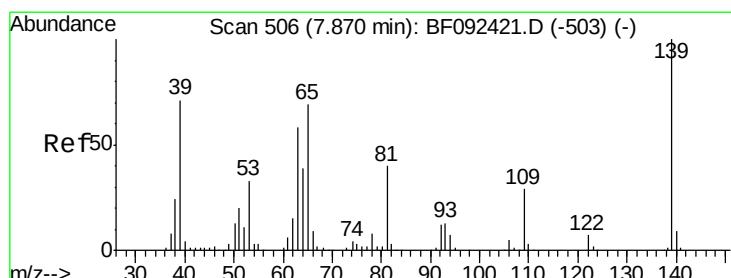
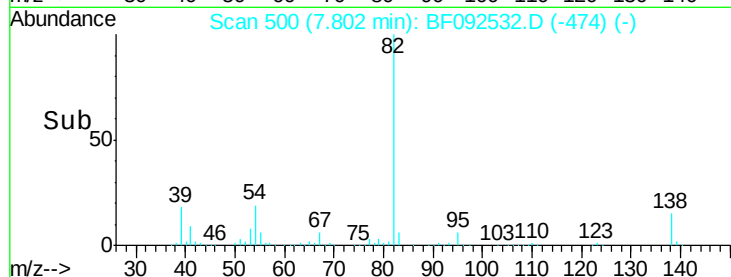
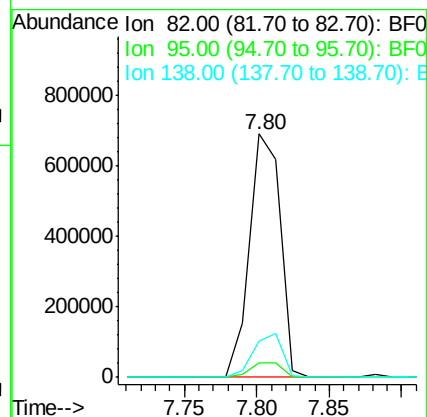
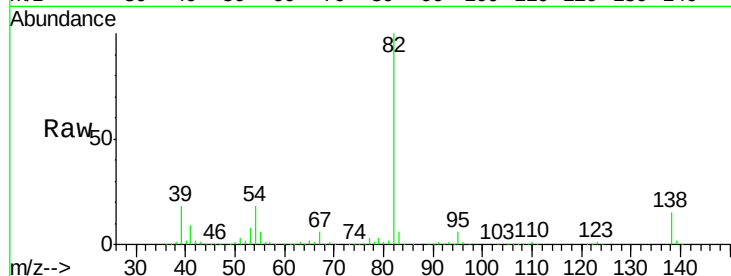
138 14.8 14.6 22.0

Manual Integrations

APPROVED

mohammad

1/27/2017 3:03:01 PM



#26

2-Nitrophenol

Concen: 44.58 ng

RT: 7.88 min Scan# 507

Delta R.T. 0.01 min

Lab File: BF092532.D

Acq: 26 Jan 2017 18:36

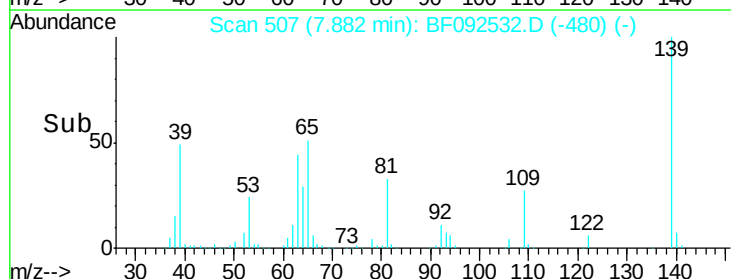
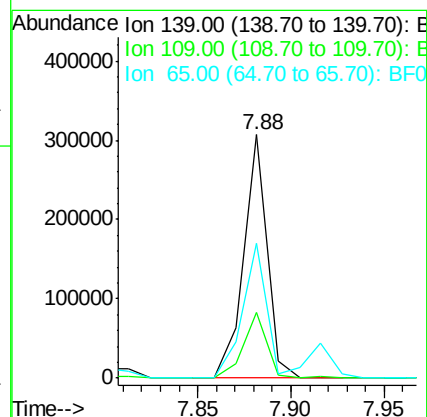
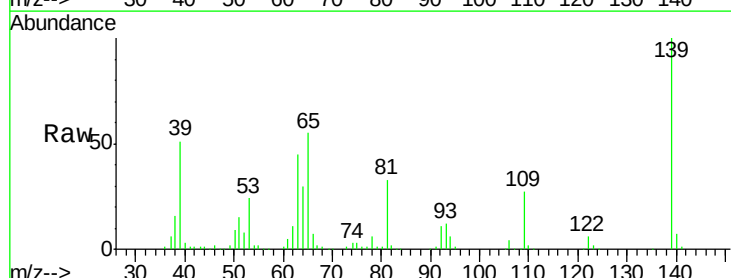
Tgt Ion: 139 Resp: 270016

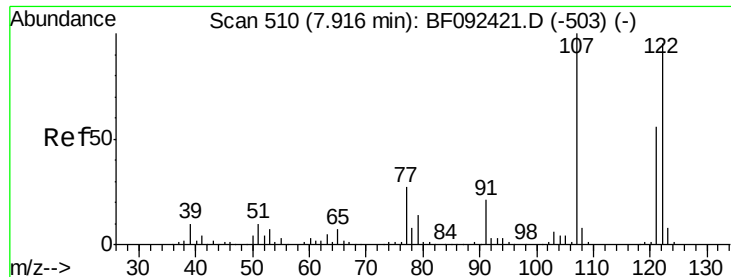
Ion Ratio Lower Upper

139 100

109 26.8 23.3 34.9

65 55.3 42.7 64.1





#27

2,4-Dimethylphenol

Concen: 35.15 ng

RT: 7.92 min Scan# 510

Delta R.T. -0.00 min

Lab File: BF092532.D

Acq: 26 Jan 2017 18:36

Instrument :

BNA_F

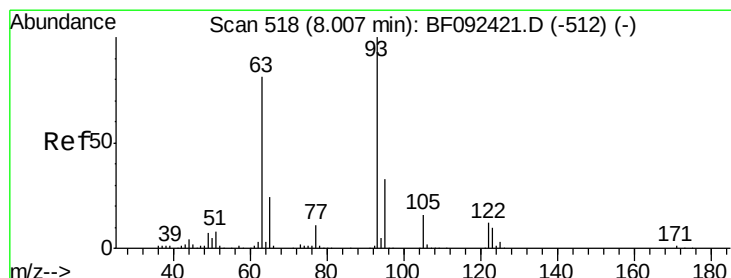
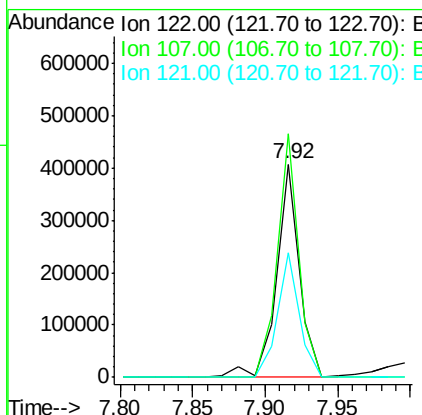
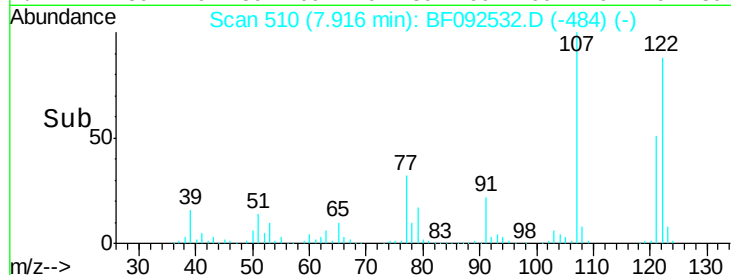
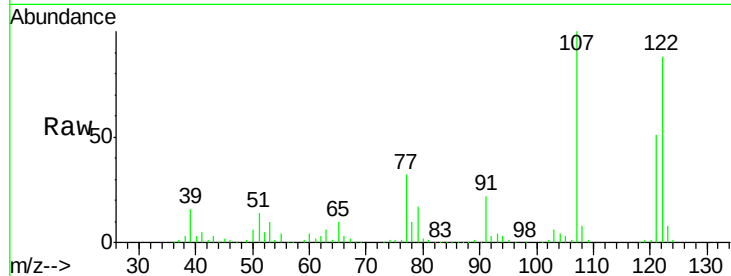
ClientSampleId :

SSTDCCC040

Tot Ion:	122	Resp:	442817
Ion Ratio	Lower	Upper	
122	100		
107	114.1	94.1	141.1
121	58.3	46.0	69.0

Manual Integrations
APPROVED

mohammad
1/27/2017 3:03:01 PM



#28

bis(2-Chloroethoxy)methane

Concen: 39.38 ng

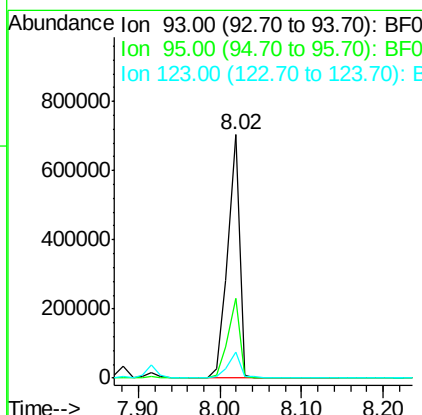
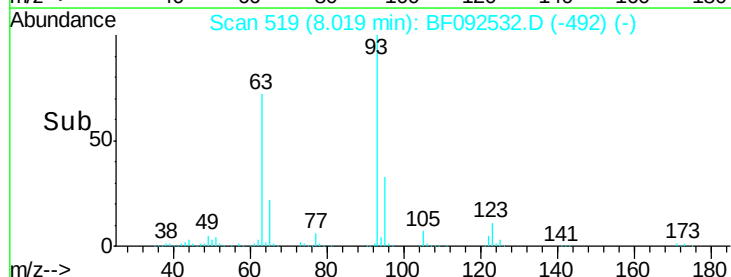
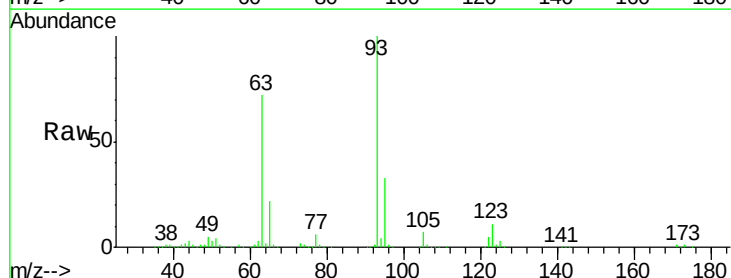
RT: 8.02 min Scan# 519

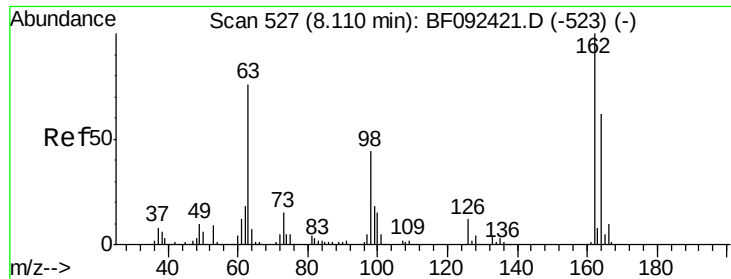
Delta R.T. 0.01 min

Lab File: BF092532.D

Acq: 26 Jan 2017 18:36

Tgt Ion:	93	Resp:	702819
Ion Ratio	Lower	Upper	
93	100		
95	33.0	26.5	39.7
123	10.8	8.6	13.0





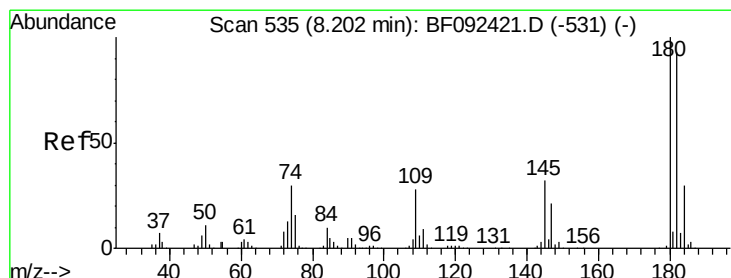
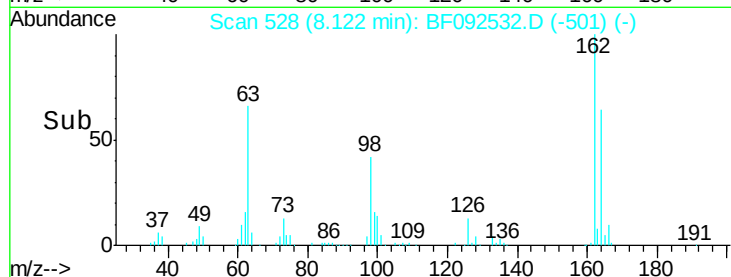
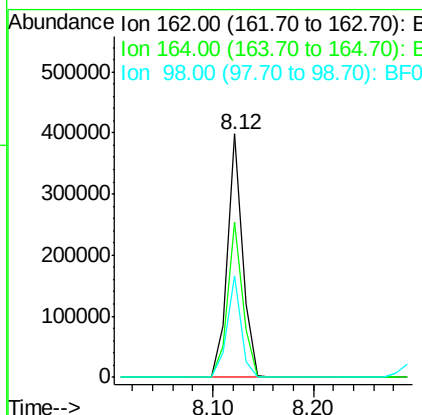
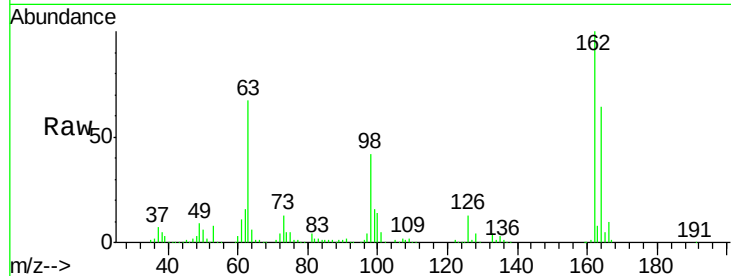
#29
2,4-Dichlorophenol
Concen: 38.23 ng
RT: 8.12 min Scan# 528
Delta R.T. 0.01 min
Lab File: BF092532.D
Acq: 26 Jan 2017 18:36

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
162	100		
164	63.8	46.8	86.8
98	41.8	9.1	49.1

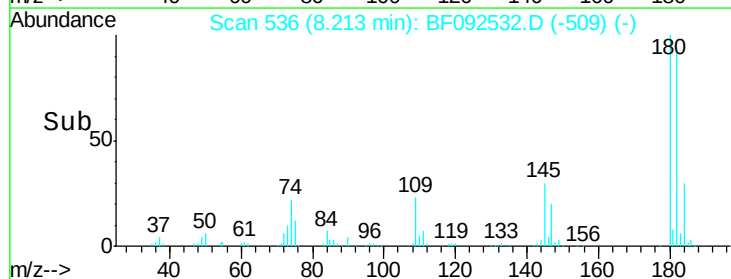
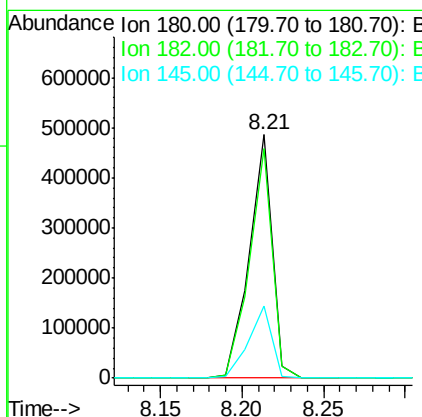
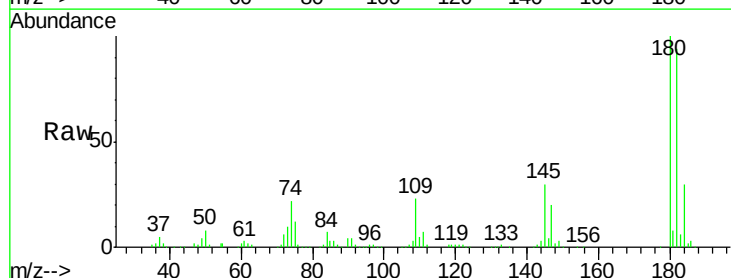
Manual Integrations
APPROVED

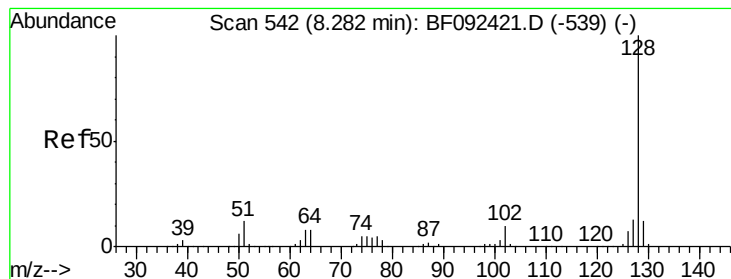
mohammad
1/27/2017 3:03:01 PM



#30
1,2,4-Trichlorobenzene
Concen: 40.09 ng
RT: 8.21 min Scan# 536
Delta R.T. 0.01 min
Lab File: BF092532.D
Acq: 26 Jan 2017 18:36

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.1	78.2	117.4
145	29.6	21.6	32.4





#31

Naphthalene

Concen: 37.15 ng

RT: 8.29 min Scan# 543

Delta R.T. 0.01 min

Lab File: BF092532.D

Acq: 26 Jan 2017 18:36

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:128 Resp: 1433231

Ion Ratio Lower Upper

128 100

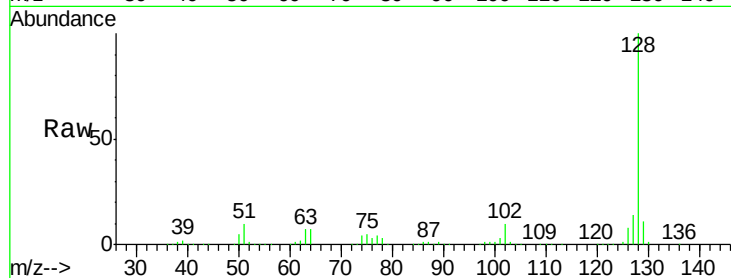
129 11.3 9.5 14.3

127 13.8 10.8 16.2

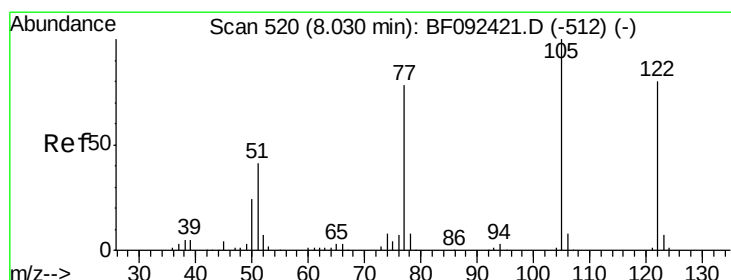
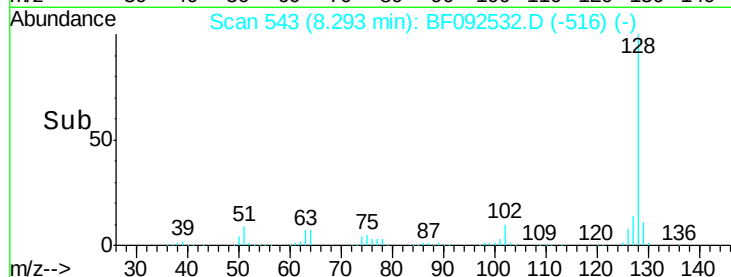
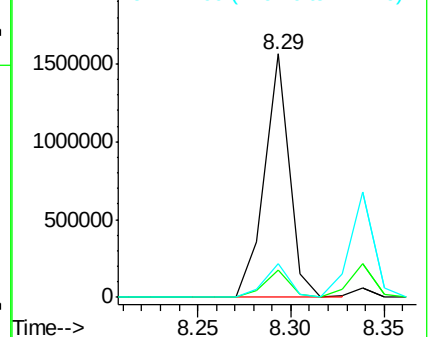
Manual Integrations
APPROVED

mohammad

1/27/2017 3:03:01 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: 24.78 ng

RT: 8.03 min Scan# 520

Delta R.T. 0.00 min

Lab File: BF092532.D

Acq: 26 Jan 2017 18:36

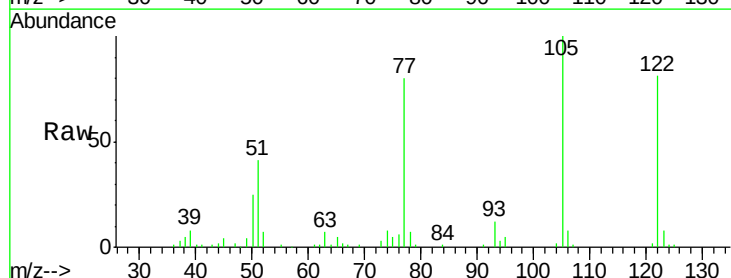
Tgt Ion:122 Resp: 209658

Ion Ratio Lower Upper

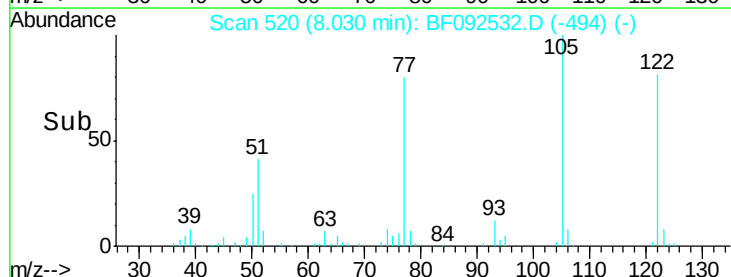
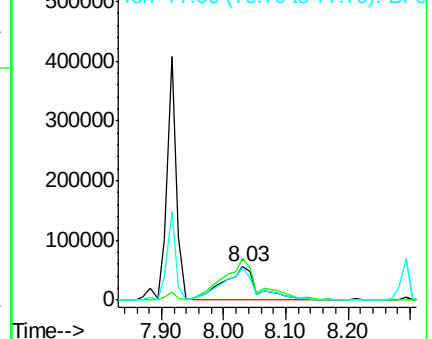
122 100

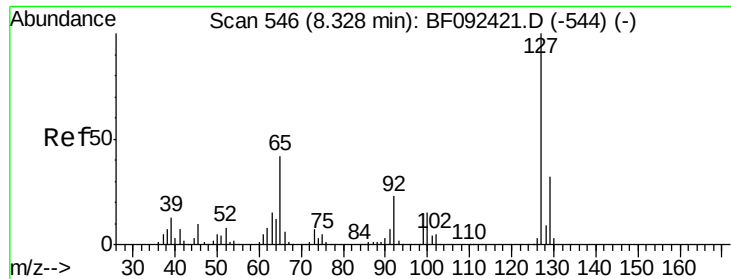
105 123.0 107.2 147.2

77 98.3 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





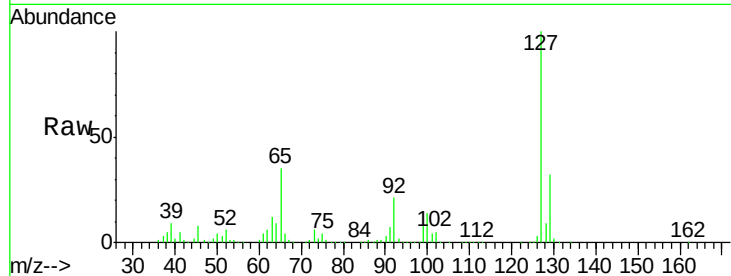
#33
4-Chloroaniline
Concen: 37.90 ng
RT: 8.34 min Scan# 547
Delta R.T. 0.01 min
Lab File: BF092532.D
Acq: 26 Jan 2017 18:36

Instrument :
BNA_F
ClientSampled :
SSTDCCC040

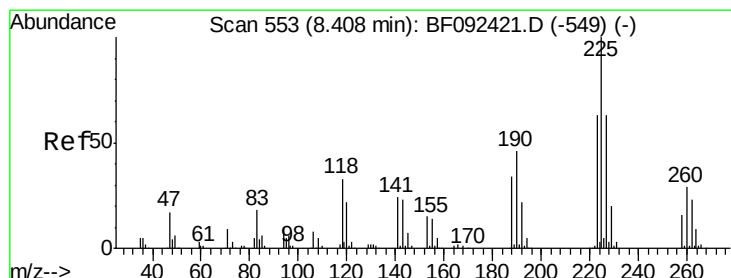
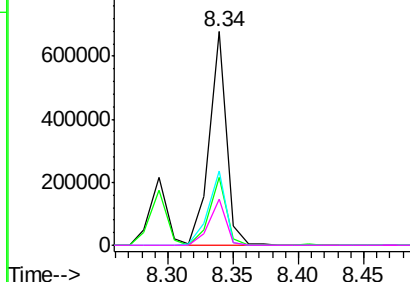
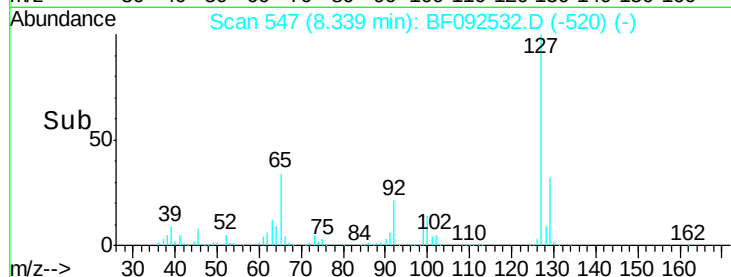
Tot Ion	Ratio	Lower	Upper
127	100		
129	32.0	26.3	39.5
65	34.9	25.8	38.8
92	21.4	16.1	24.1

Manual Integrations
APPROVED

mohammad
1/27/2017 3:03:01 PM

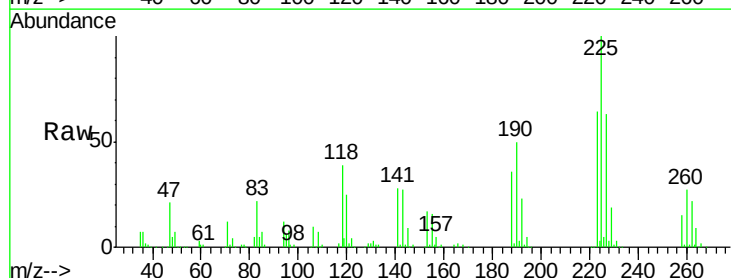


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

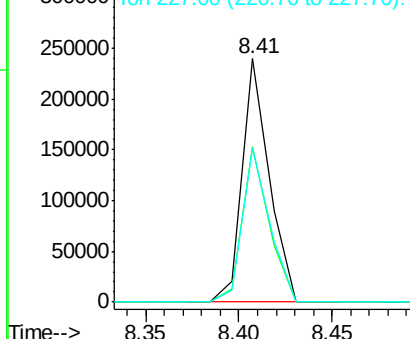
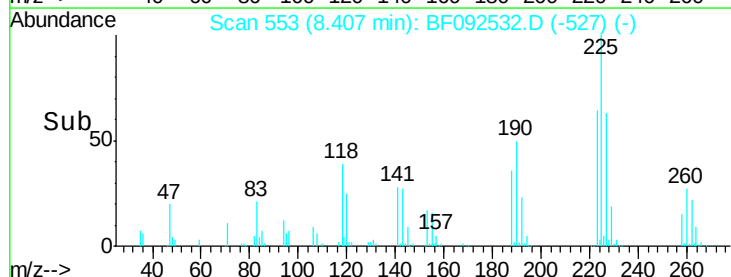


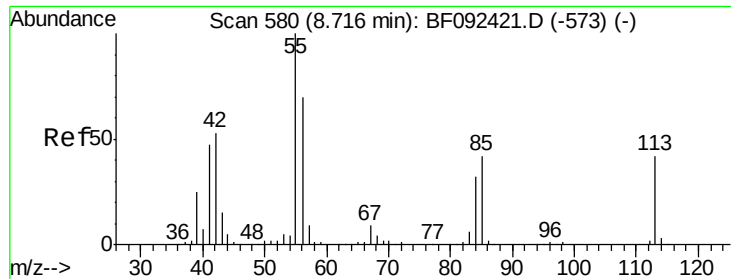
#34
Hexachlorobutadiene
Concen: 37.27 ng
RT: 8.41 min Scan# 553
Delta R.T. -0.00 min
Lab File: BF092532.D
Acq: 26 Jan 2017 18:36

Tgt Ion	Ratio	Lower	Upper
225	100		
223	64.0	51.0	76.6
227	63.2	50.6	76.0



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





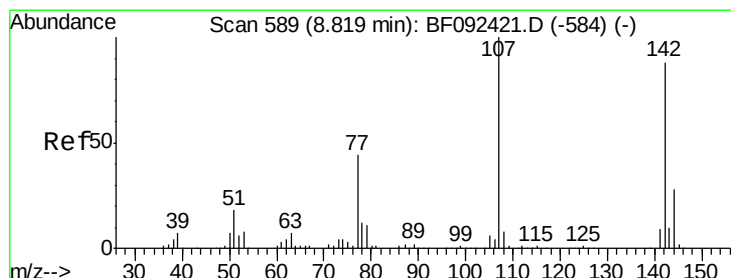
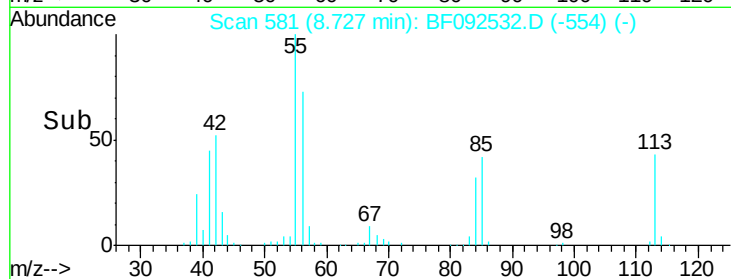
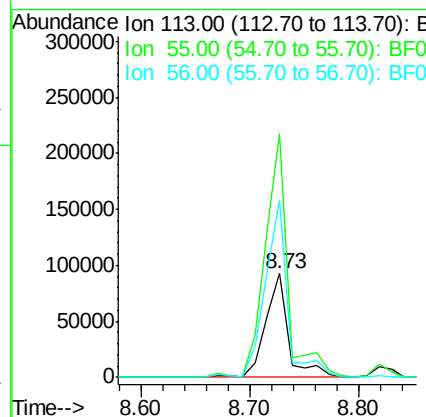
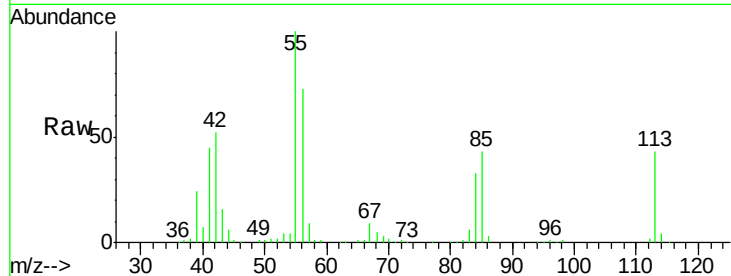
#35
Caprolactam
Concen: 37.00 ng
RT: 8.73 min Scan# 581
Delta R.T. 0.01 min
Lab File: BF092532.D
Acq: 26 Jan 2017 18:36

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
113	100		
55	234.7	119.2	159.2#
56	170.8	83.8	123.8#

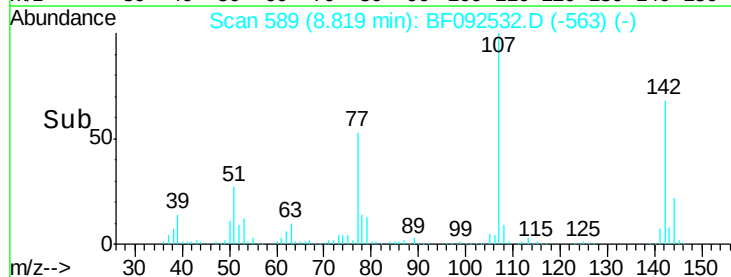
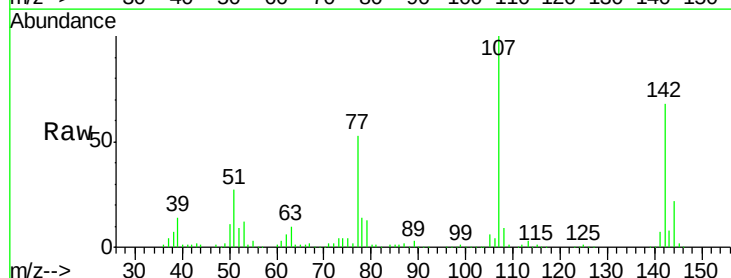
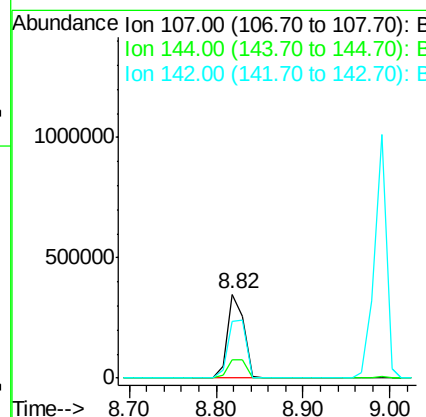
Manual Integrations
APPROVED

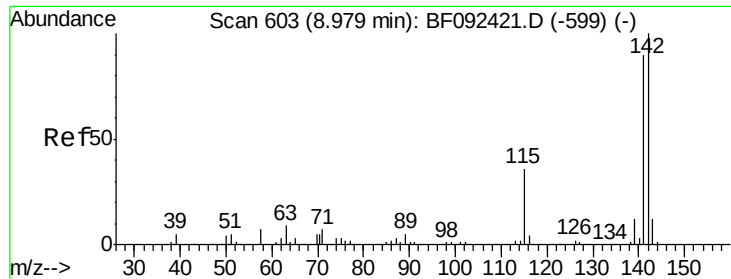
mohammad
1/27/2017 3:03:01 PM



#36
4-Chloro-3-methylphenol
Concen: 38.69 ng
RT: 8.82 min Scan# 589
Delta R.T. -0.00 min
Lab File: BF092532.D
Acq: 26 Jan 2017 18:36

Tgt Ion	Ratio	Lower	Upper
107	100		
144	22.1	19.3	28.9
142	68.2	59.0	88.6





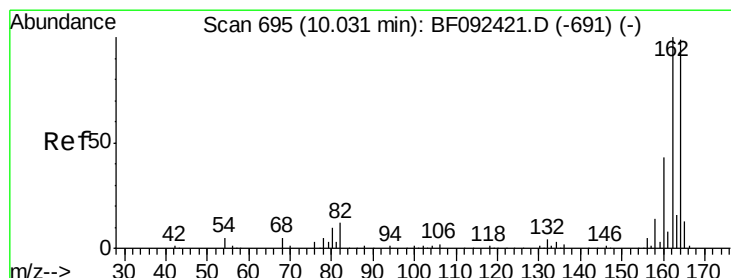
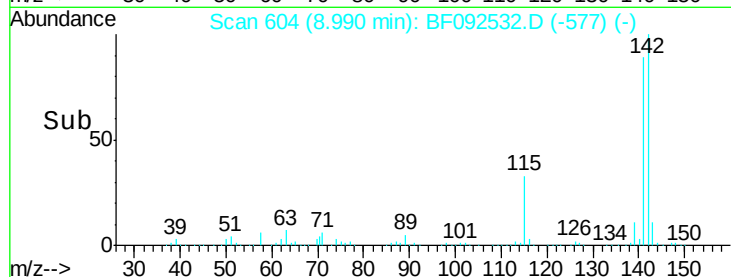
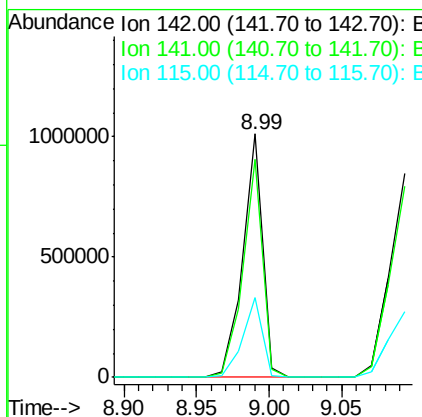
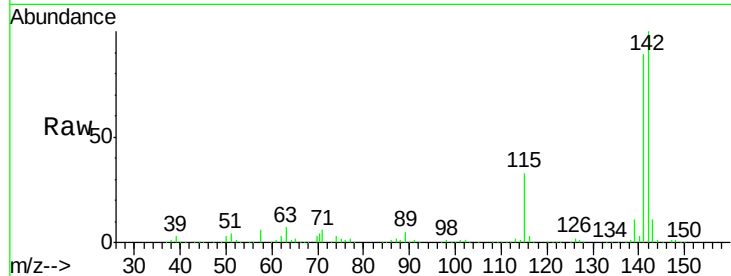
#37
2-Methylnaphthalene
Concen: 39.12 ng
RT: 8.99 min Scan# 604
Delta R.T. 0.01 min
Lab File: BF092532.D
Acq: 26 Jan 2017 18:36

Instrument :
BNA_F
ClientSampled :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.4	71.0	106.6
115	32.6	28.3	42.5

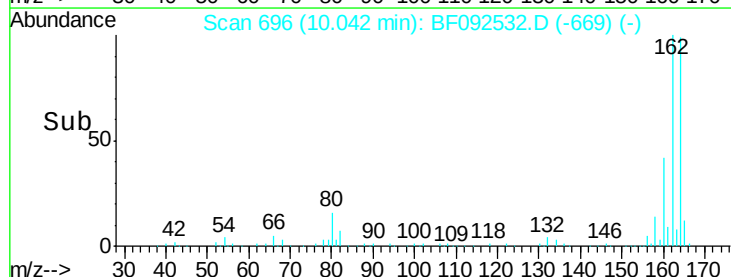
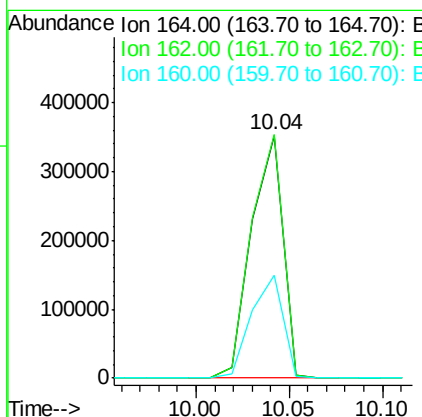
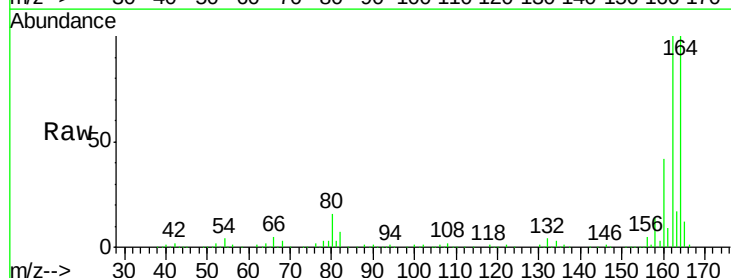
Manual Integrations
APPROVED

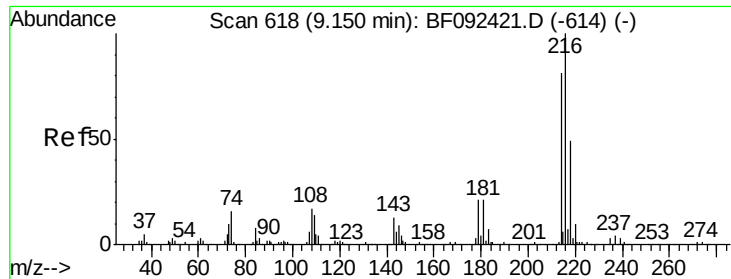
mohammad
1/27/2017 3:03:01 PM



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.04 min Scan# 696
Delta R.T. 0.01 min
Lab File: BF092532.D
Acq: 26 Jan 2017 18:36

Tgt Ion	Ratio	Lower	Upper
164	100		
162	100.5	80.2	120.2
160	42.2	36.9	55.3





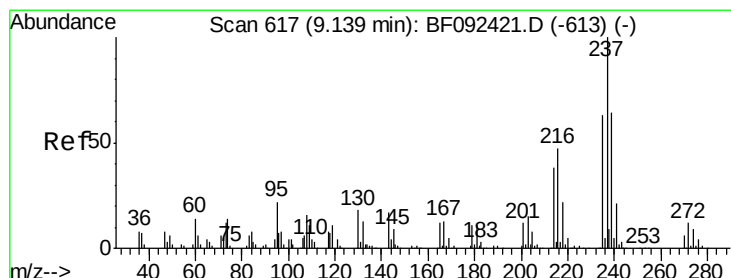
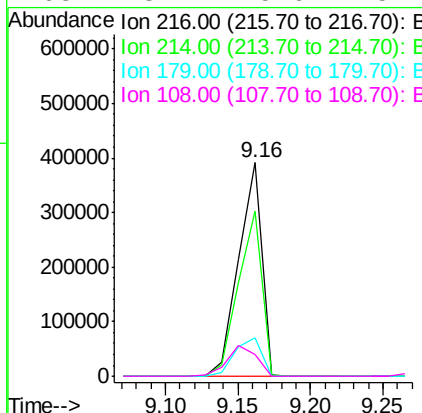
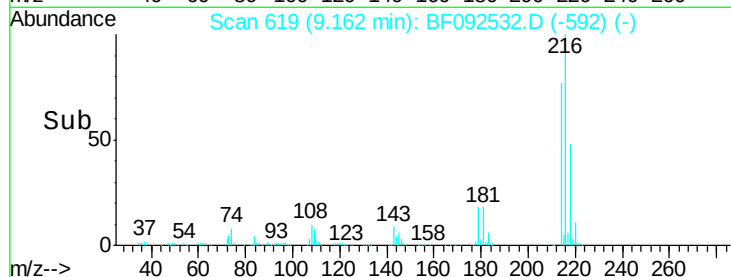
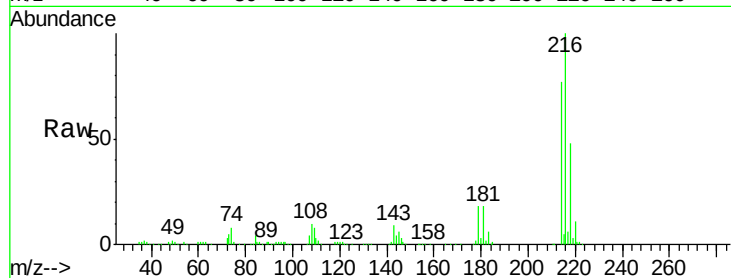
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 41.61 ng
 RT: 9.16 min Scan# 619
 Delta R.T. 0.01 min
 Lab File: BF092532.D
 Acq: 26 Jan 2017 18:36

Instrument :
 BNA_F
 ClientSampleId :
 SSTCCCC040

Tot Ion:	216	Resp:	434167
Ion Ratio		Lower	Upper
216	100		
214	78.4	63.4	95.0
179	21.0	17.4	26.2
108	18.2	15.6	23.4

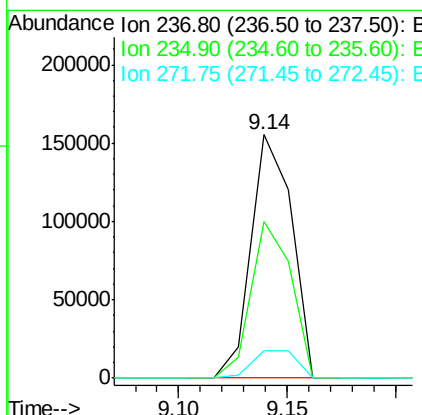
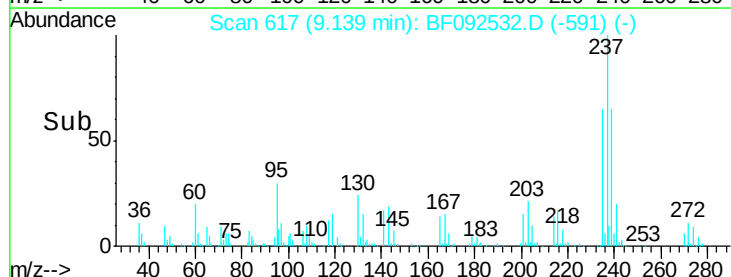
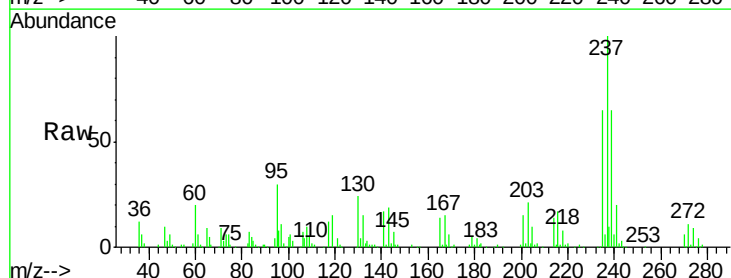
Manual Integrations
 APPROVED

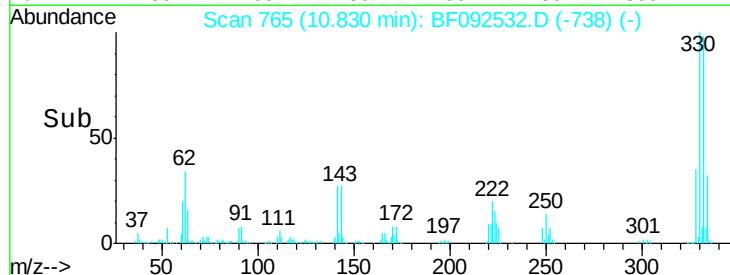
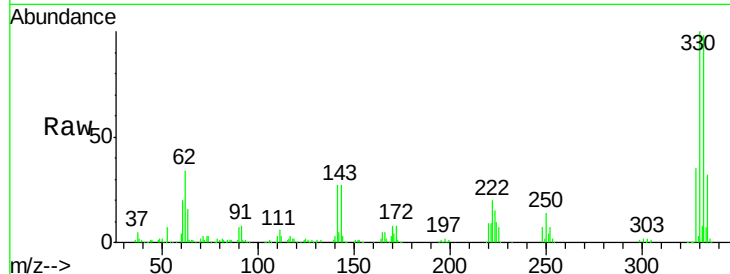
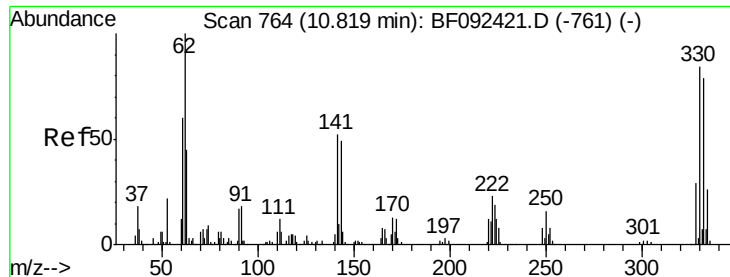
mohammad
 1/27/2017 3:03:01 PM



#40
 Hexachlorocyclopentadiene
 Concen: 38.81 ng
 RT: 9.14 min Scan# 617
 Delta R.T. -0.00 min
 Lab File: BF092532.D
 Acq: 26 Jan 2017 18:36

Tgt Ion:	237	Resp:	202804
Ion Ratio		Lower	Upper
237	100		
235	64.6	41.2	81.2
272	11.0	0.0	35.4





#41

2,4,6-Tribromophenol

Concen: 84.84 ng

RT: 10.83 min Scan# 765

Delta R.T. 0.01 min

Lab File: BF092532.D

Acq: 26 Jan 2017 18:36

Tot Ion	Ratio	Resp	Lower	Upper
330	100	239173		
332	98.0		77.4	116.2
141	39.2		34.1	51.1

Instrument :

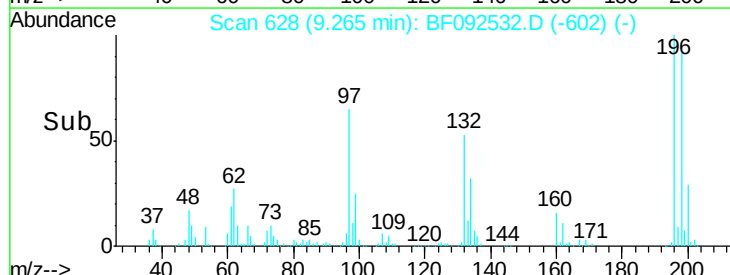
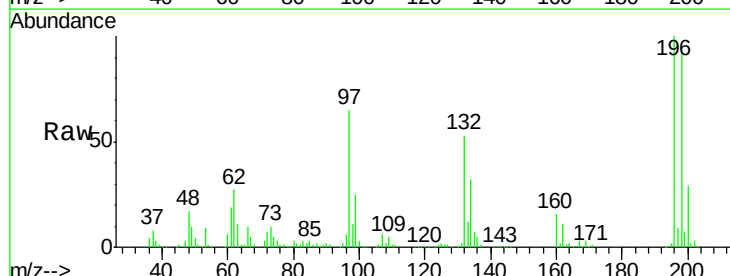
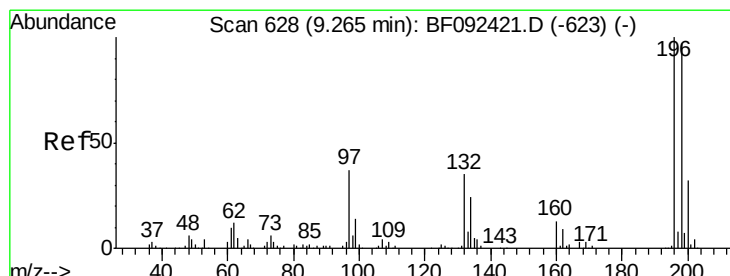
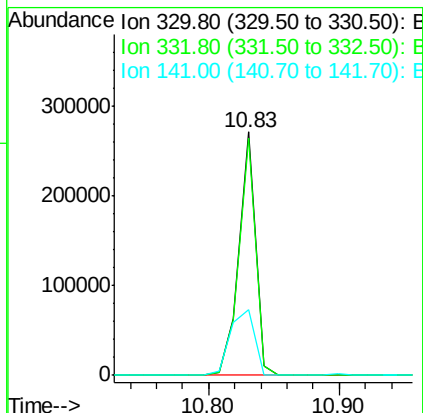
BNA_F

ClientSampleId :

SSTDCCC040

Manual Integrations
APPROVED

mohammad
1/27/2017 3:03:01 PM



#42

2,4,6-Trichlorophenol

Concen: 39.34 ng

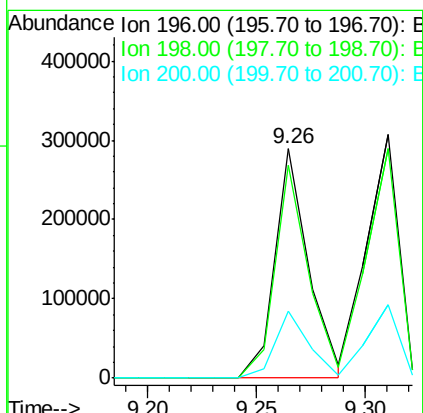
RT: 9.26 min Scan# 628

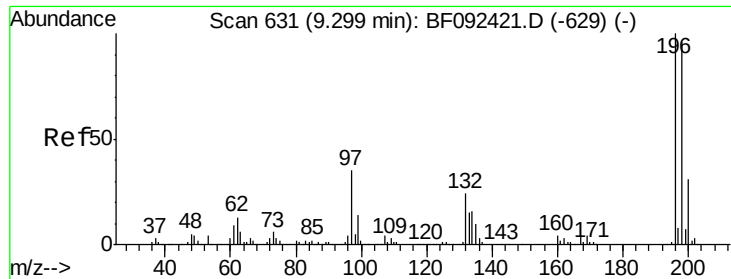
Delta R.T. -0.00 min

Lab File: BF092532.D

Acq: 26 Jan 2017 18:36

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	314544		
198	93.0		82.1	123.1
200	29.3		27.0	40.4





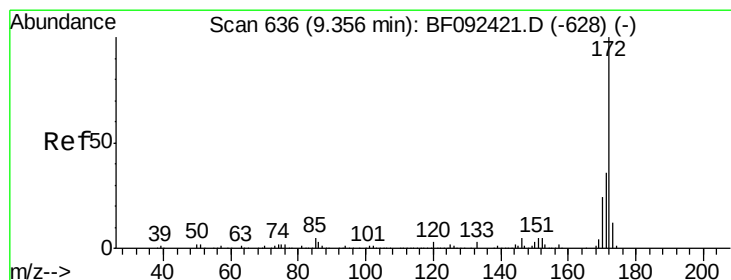
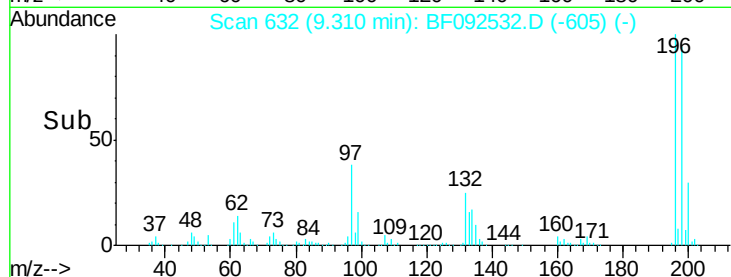
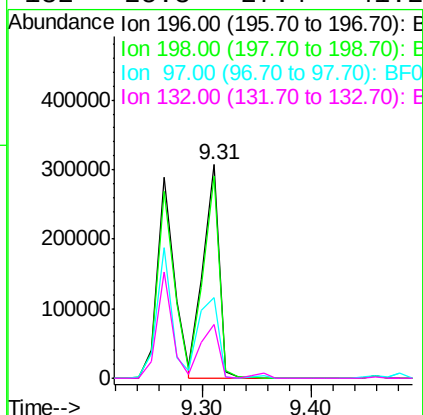
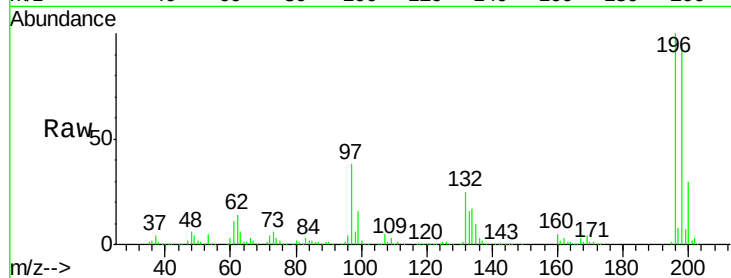
#43
 2,4,5-Trichlorophenol
 Concen: 43.48 ng
 RT: 9.31 min Scan# 632
 Delta R.T. 0.01 min
 Lab File: BF092532.D
 Acq: 26 Jan 2017 18:36

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:	196	Resp:	318046
Ion Ratio	Lower	Upper	
196	100		
198	94.4	79.4	119.2
97	38.0	51.5	77.3#
132	25.3	27.4	41.2#

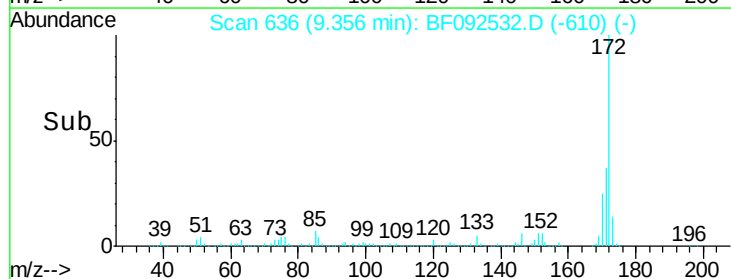
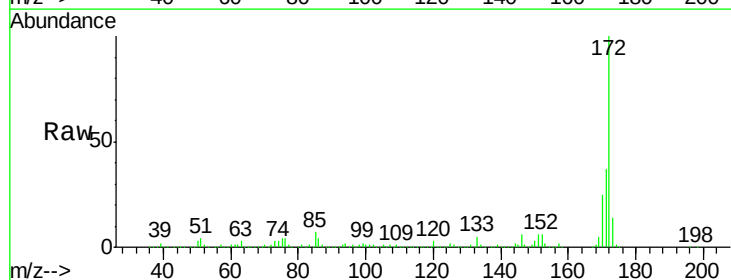
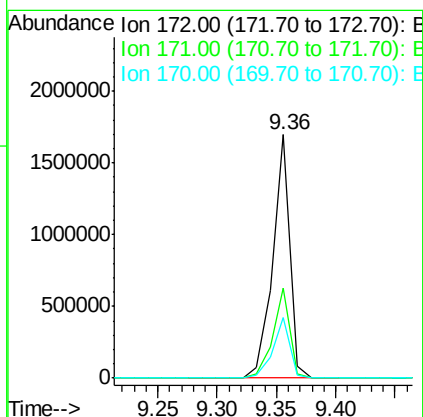
Manual Integrations
 APPROVED

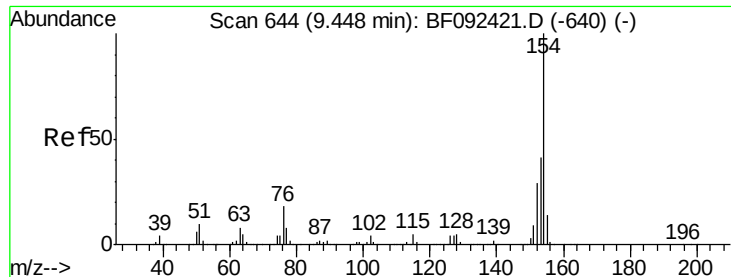
mohammad
 1/27/2017 3:03:01 PM



#44
 2-Fluorobiphenyl
 Concen: 75.71 ng
 RT: 9.36 min Scan# 636
 Delta R.T. -0.00 min
 Lab File: BF092532.D
 Acq: 26 Jan 2017 18:36

Tgt Ion:	172	Resp:	1693633
Ion Ratio	Lower	Upper	
172	100		
171	36.8	29.4	44.0
170	24.7	20.2	30.4





#45

1,1'-Biphenyl

Concen: 40.07 ng

RT: 9.46 min Scan# 645

Delta R.T. 0.01 min

Lab File: BF092532.D

Acq: 26 Jan 2017 18:36

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:154 Resp: 1198173

Ion Ratio Lower Upper

154 100

153 40.8 20.9 60.9

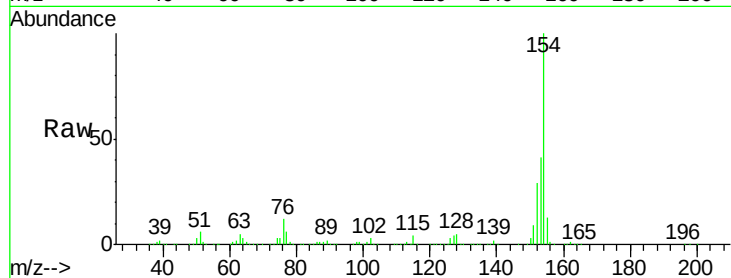
76 12.4 0.0 30.5

Manual Integrations

APPROVED

mohammad

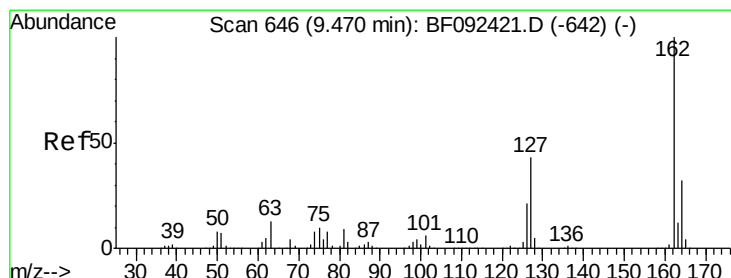
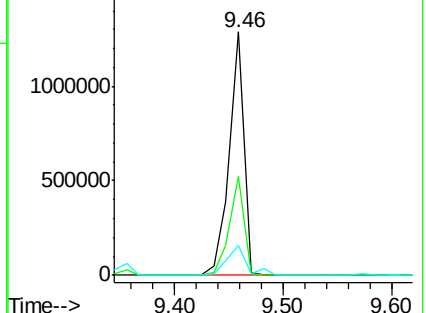
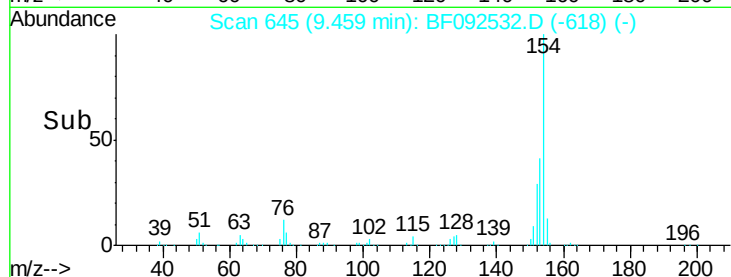
1/27/2017 3:03:01 PM



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: 37.65 ng

RT: 9.48 min Scan# 647

Delta R.T. 0.01 min

Lab File: BF092532.D

Acq: 26 Jan 2017 18:36

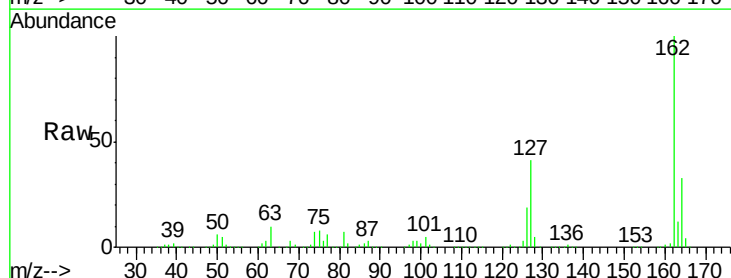
Tgt Ion:162 Resp: 919671

Ion Ratio Lower Upper

162 100

127 40.8 30.7 46.1

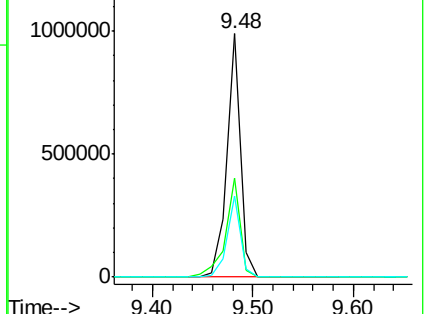
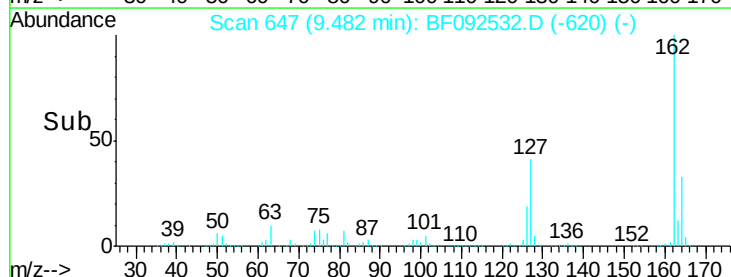
164 33.1 27.6 41.4

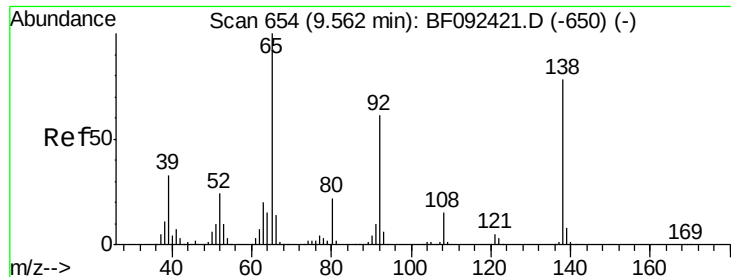


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





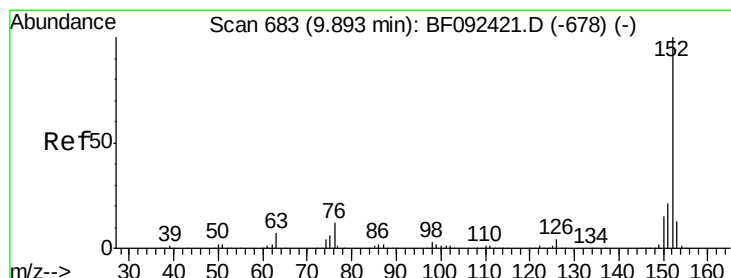
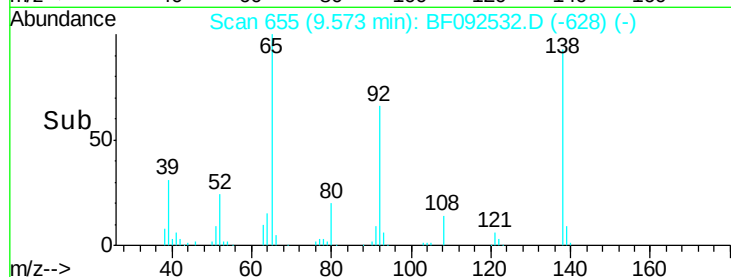
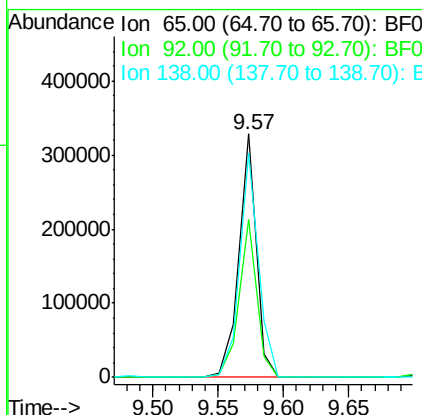
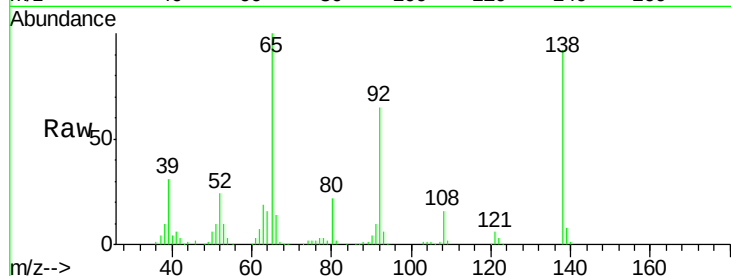
#47
2-Nitroaniline
Concen: 36.56 ng
RT: 9.57 min Scan# 655
Delta R.T. 0.01 min
Lab File: BF092532.D
Acq: 26 Jan 2017 18:36

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
65	100		
92	65.1	53.9	80.9
138	92.4	76.8	115.2

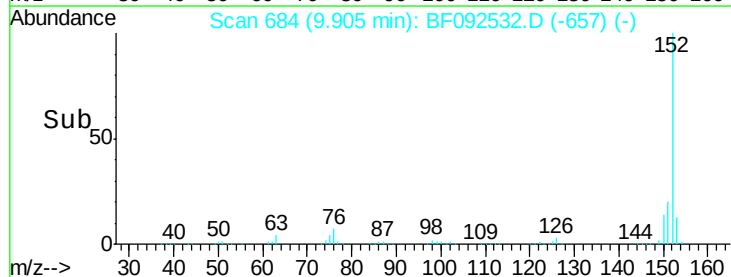
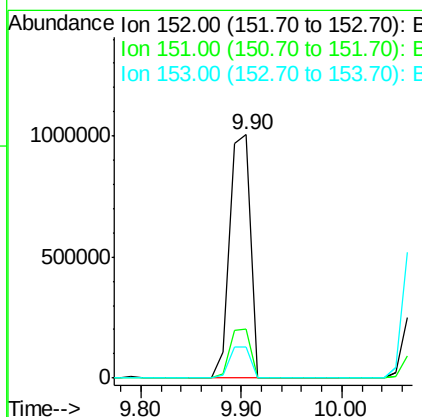
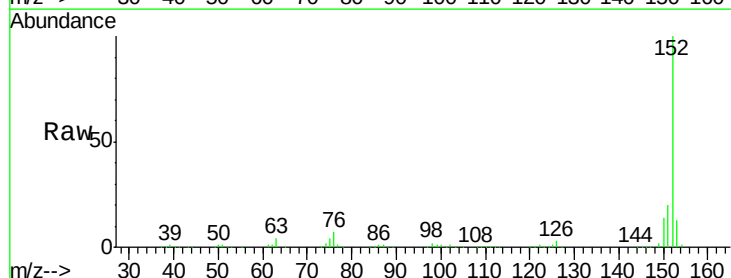
Manual Integrations
APPROVED

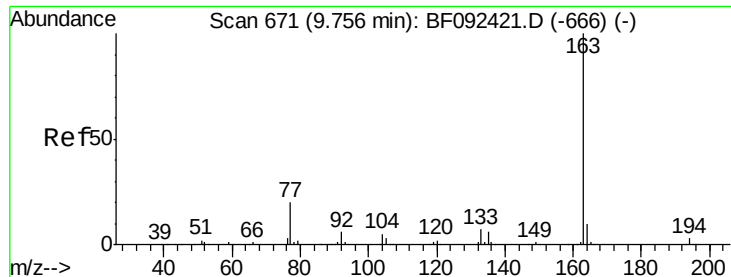
mohammad
1/27/2017 3:03:01 PM



#48
Acenaphthylene
Concen: 40.12 ng
RT: 9.90 min Scan# 684
Delta R.T. 0.01 min
Lab File: BF092532.D
Acq: 26 Jan 2017 18:36

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.1	16.9	25.3
153	12.7	11.4	17.2





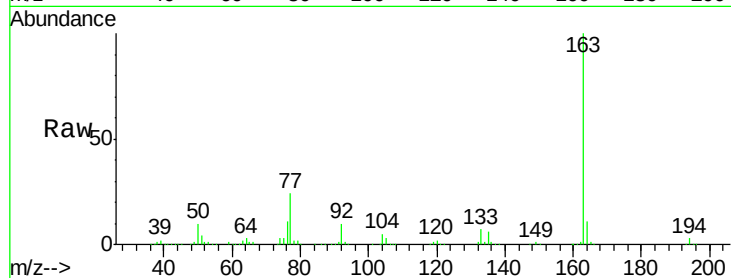
#49
Dimethylphthalate
Concen: 36.72 ng
RT: 9.76 min Scan# 671
Delta R.T. -0.00 min
Lab File: BF092532.D
Acq: 26 Jan 2017 18:36

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

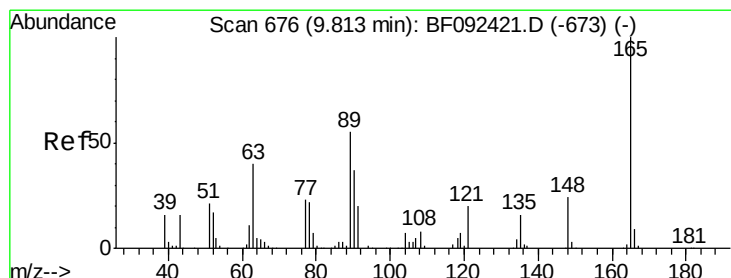
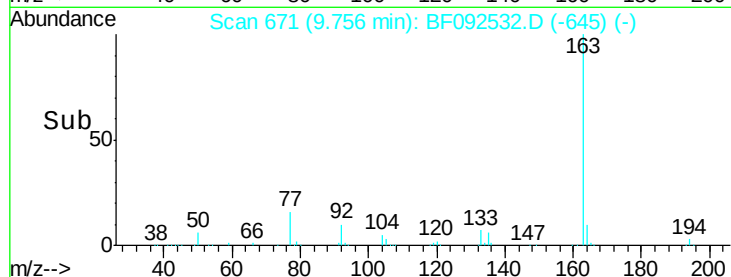
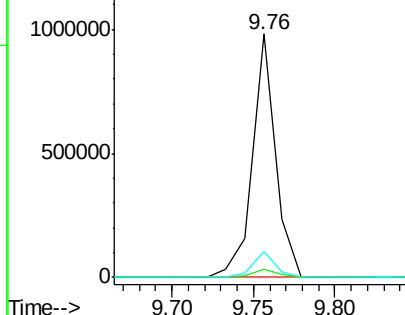
Tot Ion	Ratio	Resp	Lower	Upper
163	100	966063		
194	3.3		3.0	4.4
164	10.7		8.0	12.0

Manual Integrations
APPROVED

mohammad
1/27/2017 3:03:01 PM

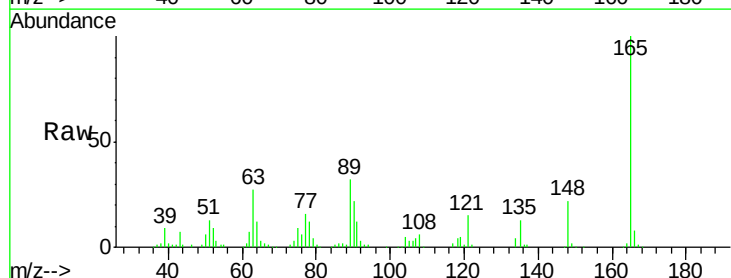


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

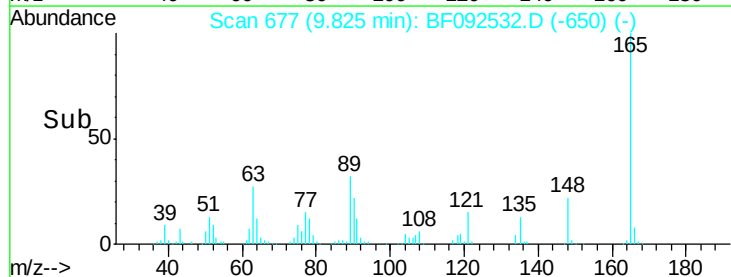
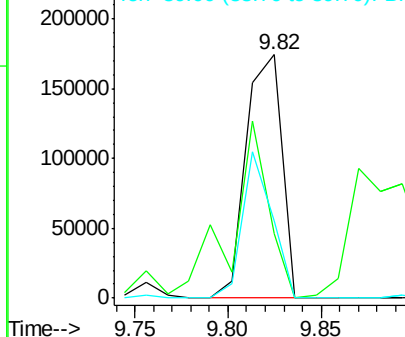


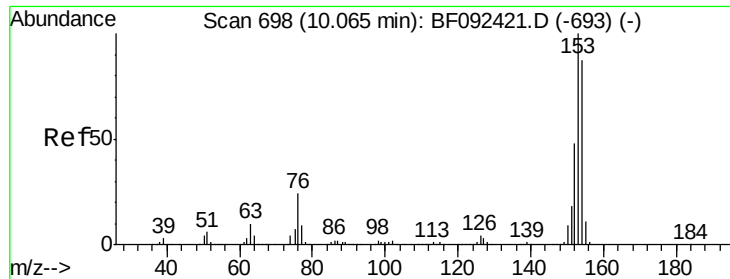
#50
2,6-Dinitrotoluene
Concen: 43.63 ng
RT: 9.82 min Scan# 677
Delta R.T. 0.01 min
Lab File: BF092532.D
Acq: 26 Jan 2017 18:36

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	234601		
63	26.6		36.2	54.4#
89	31.5		40.2	60.4#



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 41.38 ng

RT: 10.08 min Scan# 699

Delta R.T. 0.01 min

Lab File: BF092532.D

Acq: 26 Jan 2017 18:36

Instrument :

BNA_F

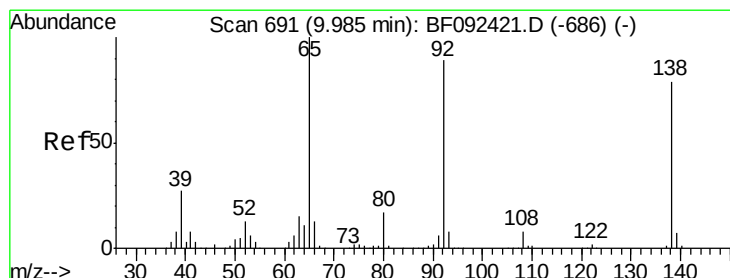
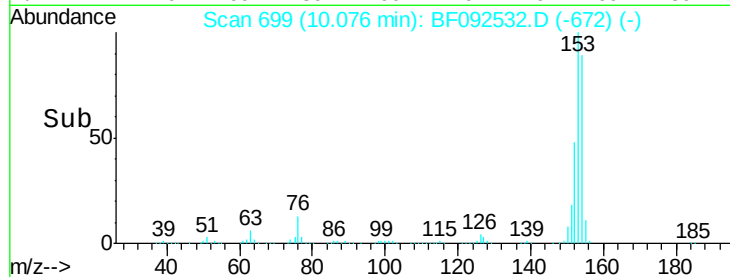
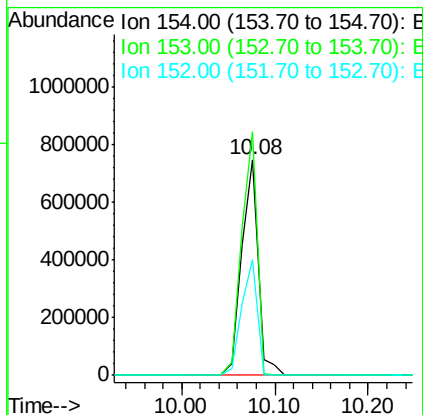
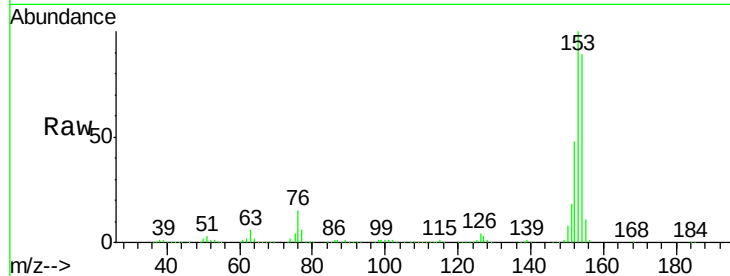
ClientSampled :

SSTDCCC040

Tot Ion:	154	Resp:	921225
Ion Ratio	Lower	Upper	
154	100		
153	112.9	88.6	133.0
152	53.8	41.6	62.4

Manual Integrations
APPROVED

mohammad
1/27/2017 3:03:01 PM



#52

3-Nitroaniline

Concen: 39.56 ng

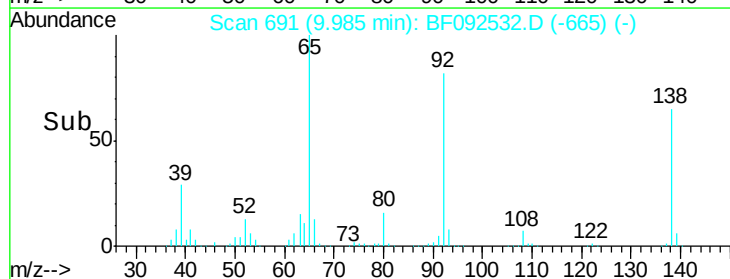
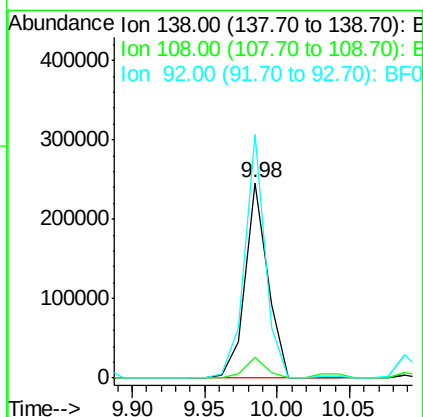
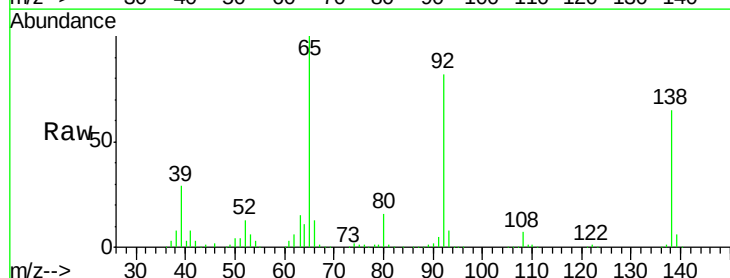
RT: 9.98 min Scan# 691

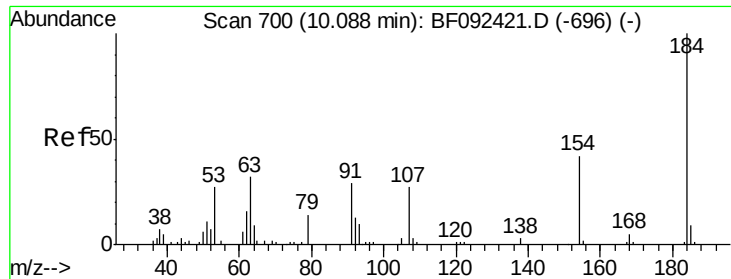
Delta R.T. -0.00 min

Lab File: BF092532.D

Acq: 26 Jan 2017 18:36

Tgt Ion:	138	Resp:	266434
Ion Ratio	Lower	Upper	
138	100		
108	10.8	8.5	12.7
92	124.8	97.8	146.8





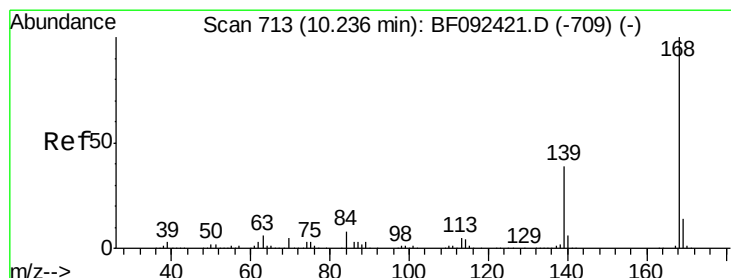
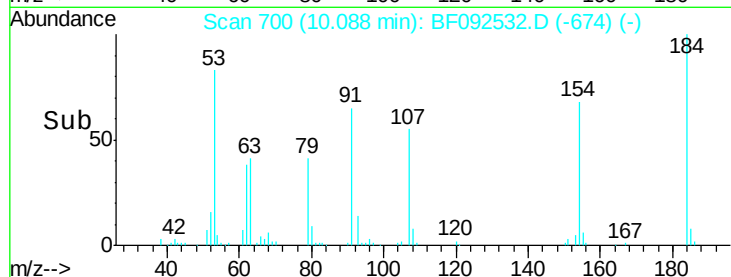
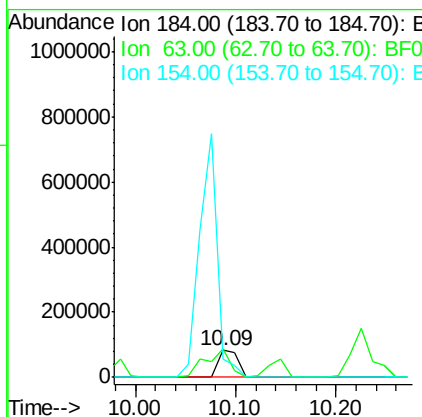
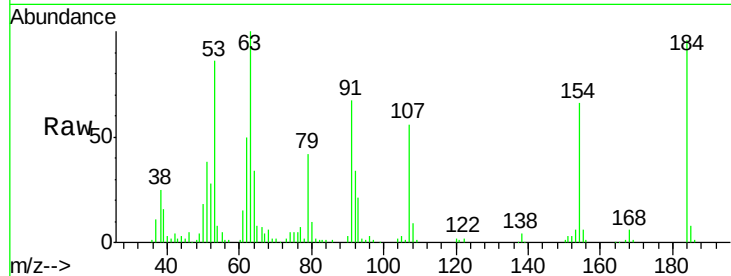
#53
 2,4-Dinitrophenol
 Concen: 45.17 ng
 RT: 10.09 min Scan# 700
 Delta R.T. 0.00 min
 Lab File: BF092532.D
 Acq: 26 Jan 2017 18:36

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
184	100	115667		
63	103.9	28.4	42.6#	
154	68.3	44.3	66.5#	

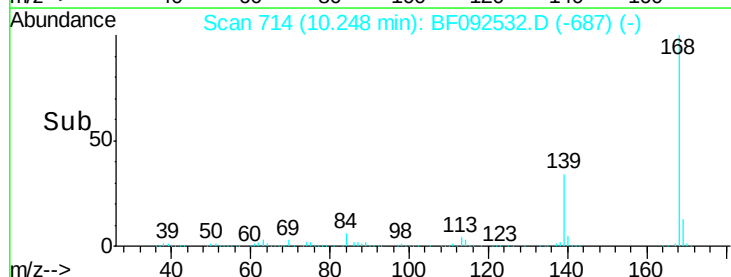
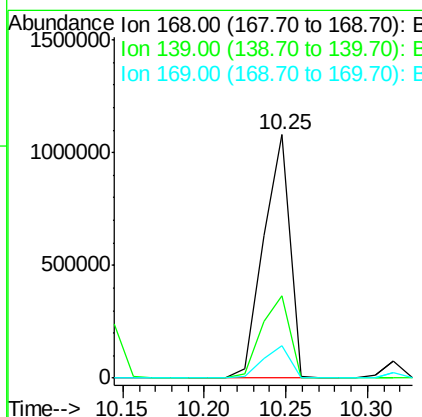
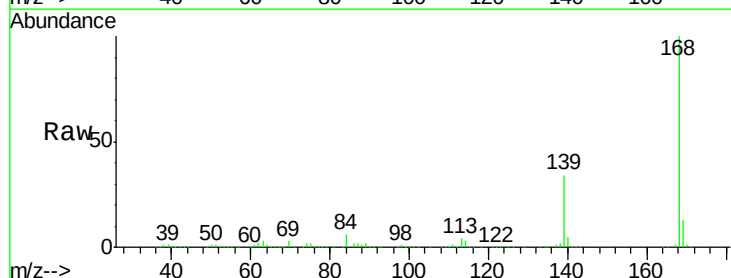
Manual Integrations
 APPROVED

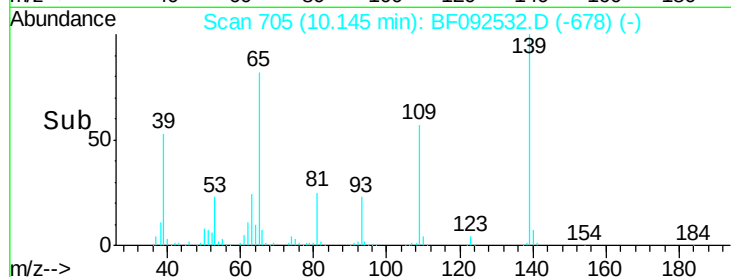
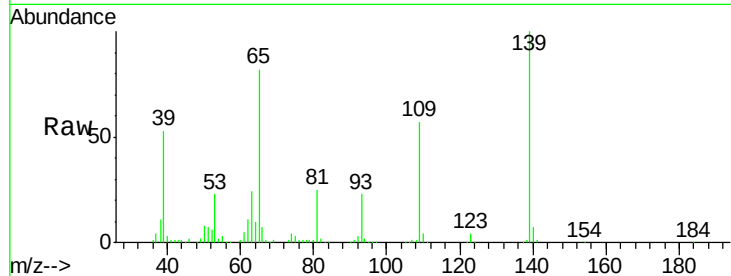
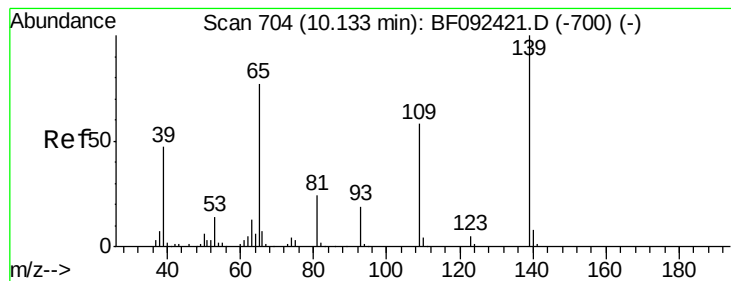
mohammad
 1/27/2017 3:03:01 PM



#54
 Dibenzofuran
 Concen: 39.99 ng
 RT: 10.25 min Scan# 714
 Delta R.T. 0.01 min
 Lab File: BF092532.D
 Acq: 26 Jan 2017 18:36

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	1208612		
139	33.8	32.6	49.0	
169	13.1	11.3	16.9	





#55

4-Nitrophenol

Concen: 45.81 ng

RT: 10.14 min Scan# 705

Delta R.T. 0.01 min

Lab File: BF092532.D

Acq: 26 Jan 2017 18:36

Tot Ion	Ratio	Resp	Lower	Upper
139	100	245002		
109	57.1	52.2	92.2	
65	81.7	85.8	125.8	

Instrument :

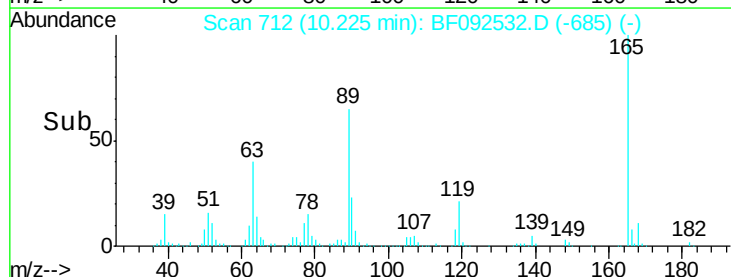
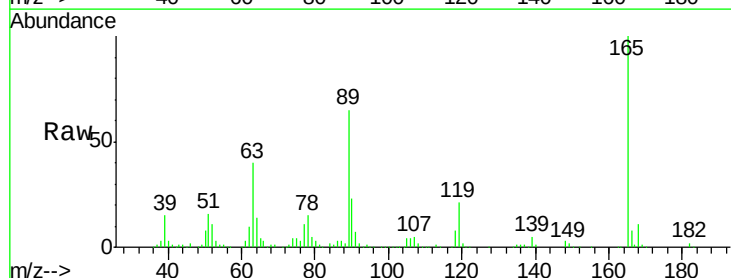
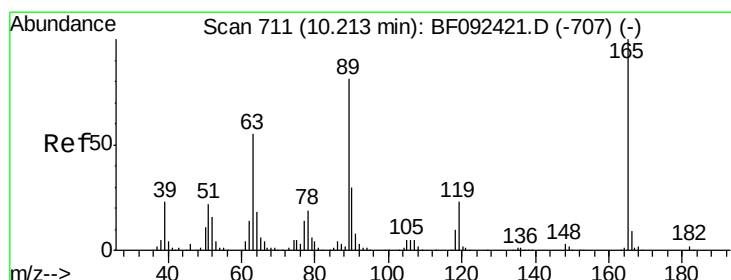
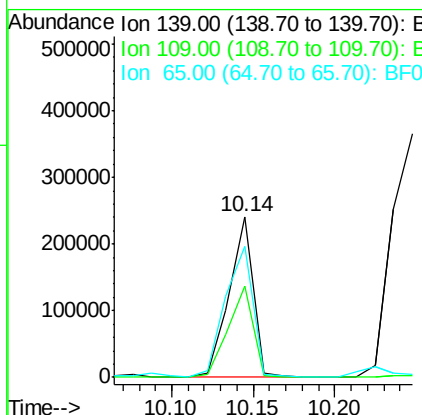
BNA_F

ClientSampleId :

SSTDCCC040

Manual Integrations
APPROVED

mohammad
1/27/2017 3:03:01 PM



#56

2,4-Dinitrotoluene

Concen: 47.51 ng

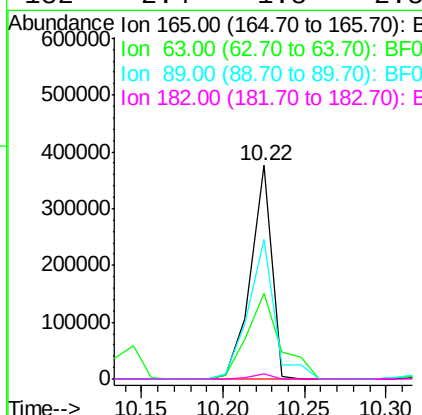
RT: 10.22 min Scan# 712

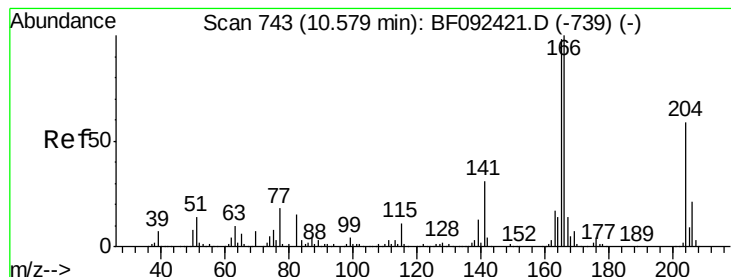
Delta R.T. 0.01 min

Lab File: BF092532.D

Acq: 26 Jan 2017 18:36

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	339066		
63	40.1	40.2	60.4	
89	65.1	62.5	93.7	
182	2.4	1.8	2.8	





#57

Fluorene

Concen: 43.02 ng

RT: 10.59 min Scan# 744

Delta R.T. 0.01 min

Lab File: BF092532.D

Acq: 26 Jan 2017 18:36

Instrument :

BNA_F

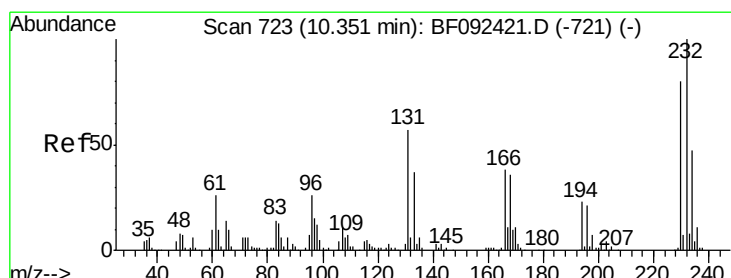
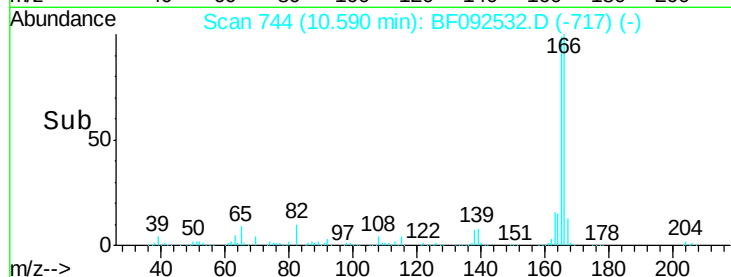
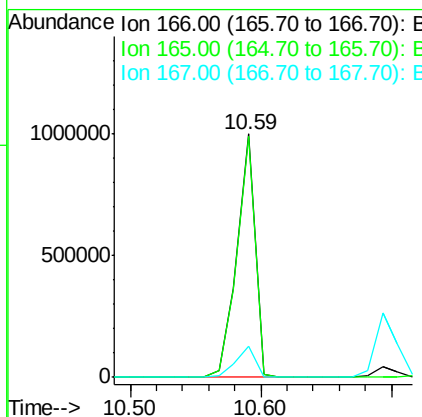
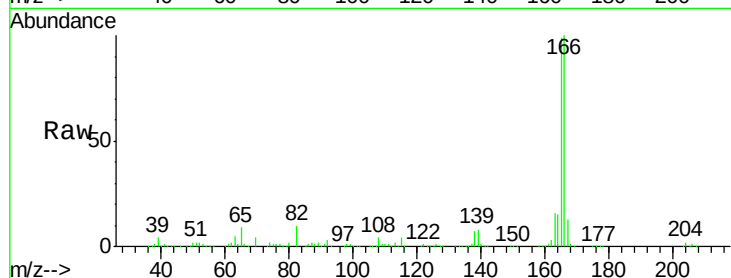
ClientSampled :

SSTDCCC040

Tot Ion:	166	Resp:	964229
Ion Ratio		Lower	Upper
166	100		
165	99.1	77.8	116.8
167	13.0	10.8	16.2

Manual Integrations
APPROVED

mohammad
1/27/2017 3:03:01 PM



#58

2,3,4,6-Tetrachlorophenol

Concen: 43.11 ng

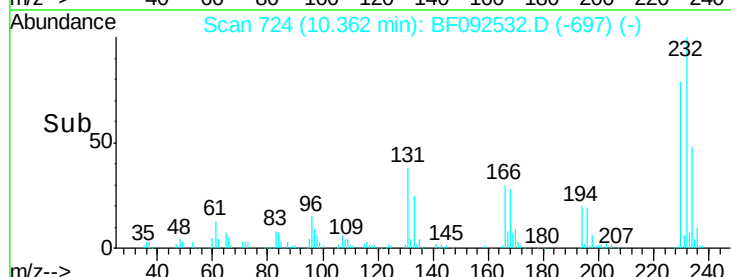
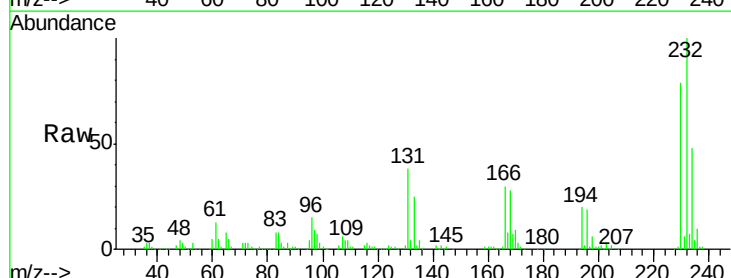
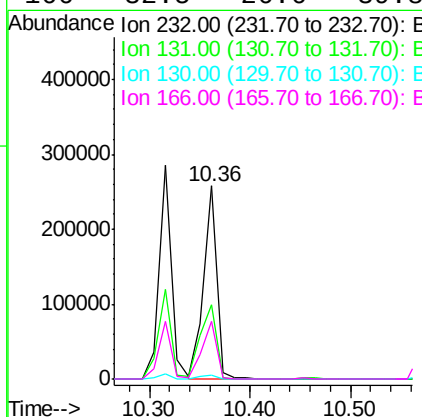
RT: 10.36 min Scan# 724

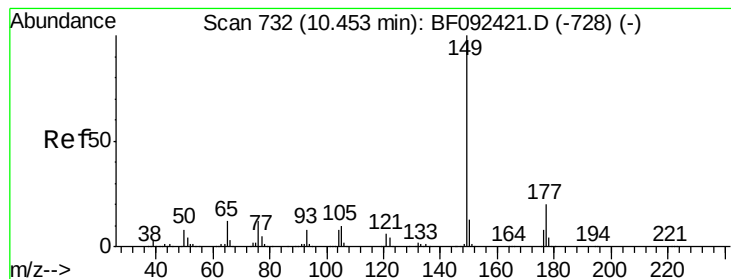
Delta R.T. 0.01 min

Lab File: BF092532.D

Acq: 26 Jan 2017 18:36

Tgt Ion:	232	Resp:	236300
Ion Ratio		Lower	Upper
232	100		
131	46.3	40.1	60.1
130	2.3	1.8	2.8
166	32.5	26.6	39.8





#59

Diethylphthalate

Concen: 37.78 ng

RT: 10.45 min Scan# 732

Delta R.T. -0.00 min

Lab File: BF092532.D

Acq: 26 Jan 2017 18:36

Instrument :

BNA_F

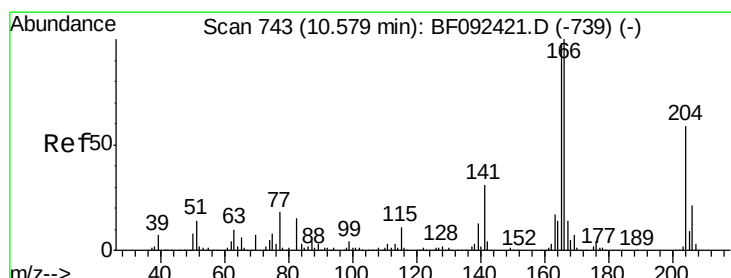
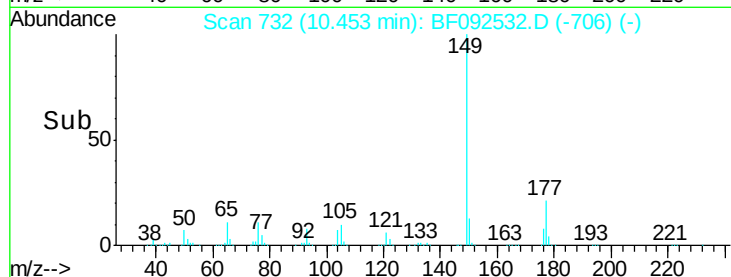
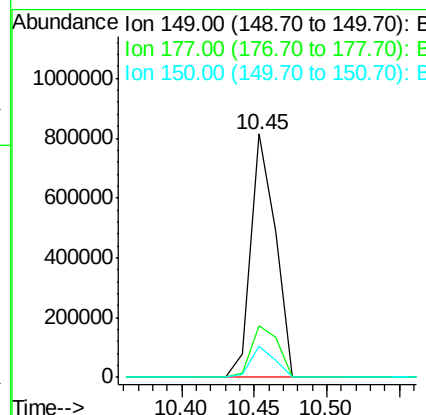
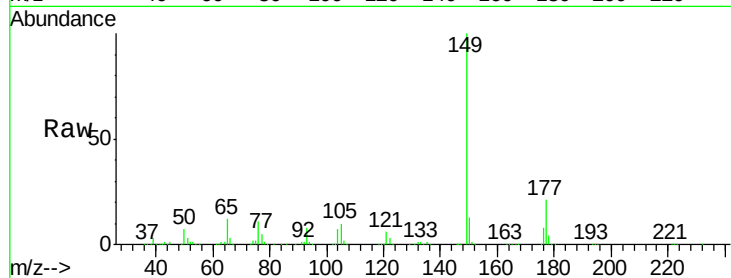
ClientSampleId :

SSTDCCC040

Tot Ion:	149	Resp:	953066
Ion Ratio	Lower	Upper	
149	100		
177	21.0	16.6	25.0
150	12.7	10.4	15.6

Manual Integrations
APPROVED

mohammad
1/27/2017 3:03:01 PM



#60

4-Chlorophenyl-phenylether

Concen: 41.04 ng

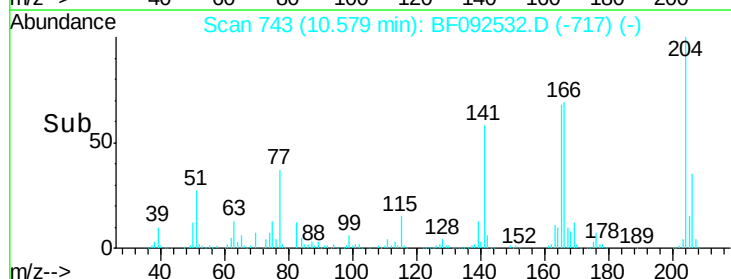
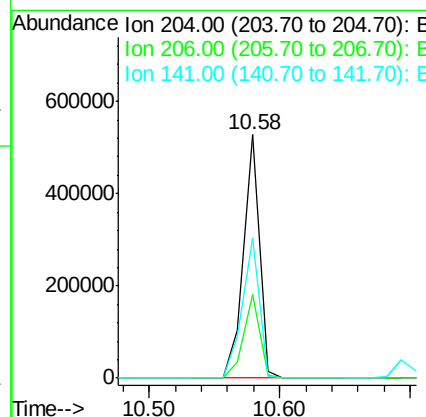
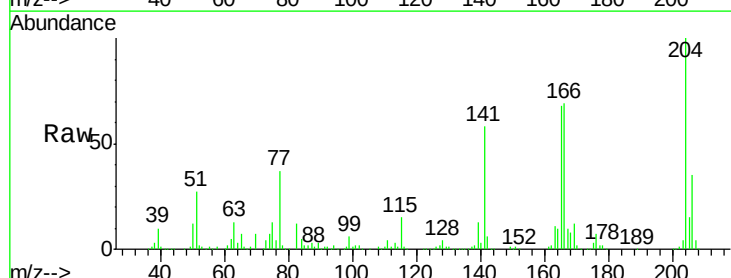
RT: 10.58 min Scan# 743

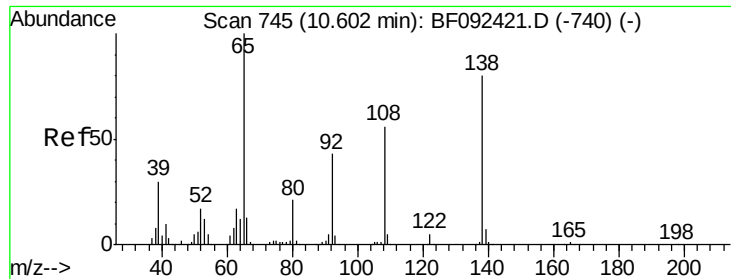
Delta R.T. -0.00 min

Lab File: BF092532.D

Acq: 26 Jan 2017 18:36

Tgt Ion:	204	Resp:	446136
Ion Ratio	Lower	Upper	
204	100		
206	34.5	25.8	38.6
141	57.7	59.4	89.0#





#61

4-Nitroaniline

Concen: 40.04 ng

RT: 10.60 min Scan# 745

Delta R.T. -0.00 min

Lab File: BF092532.D

Acq: 26 Jan 2017 18:36

Instrument :

BNA_F

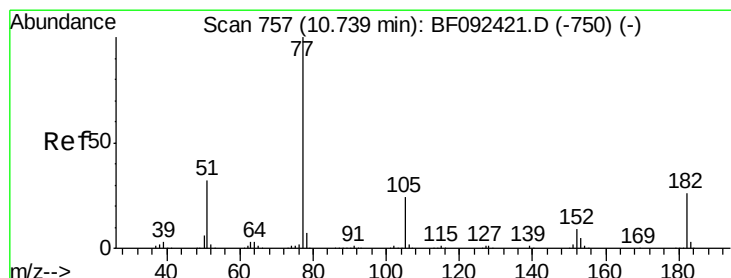
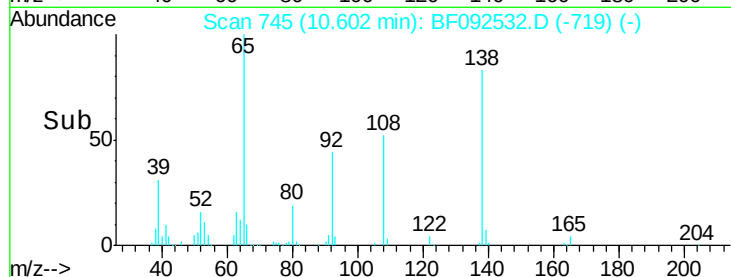
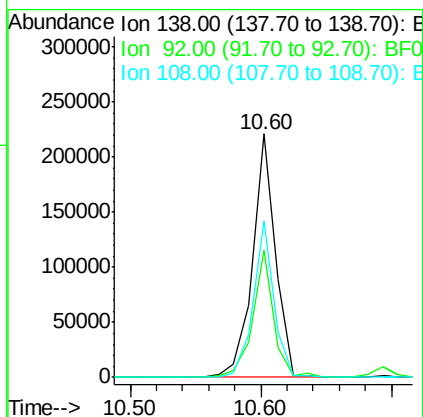
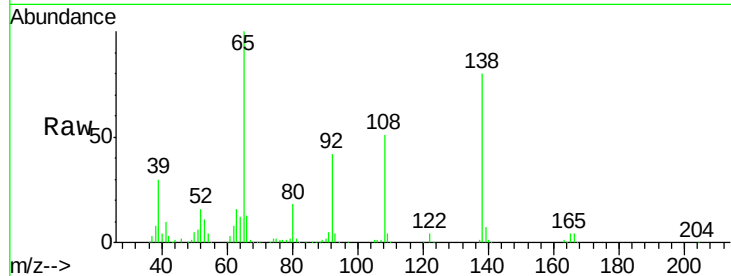
ClientSampleId :

SSTDCCC040

Tot Ion:	138	Resp:	269652
Ion	Ratio	Lower	Upper
138	100		
92	52.4	31.7	71.7
108	64.1	52.6	92.6

Manual Integrations
APPROVED

mohammad
1/27/2017 3:03:01 PM



#62

Azobenzene

Concen: 38.37 ng

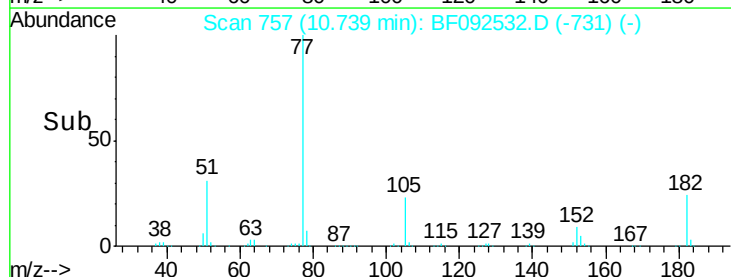
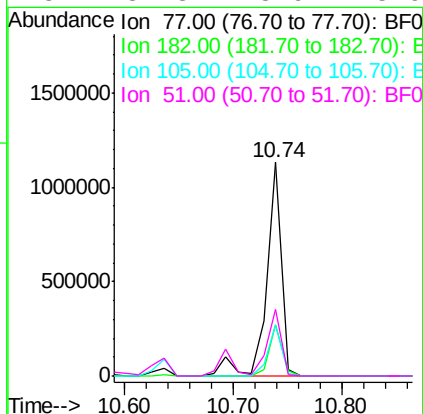
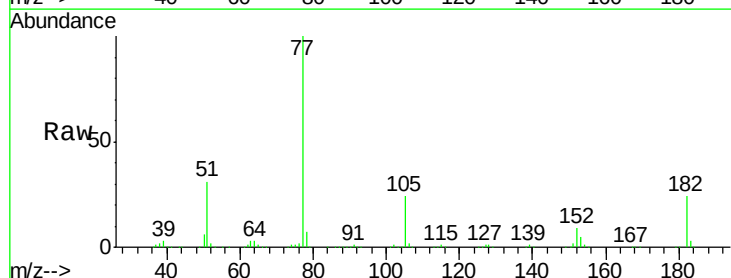
RT: 10.74 min Scan# 757

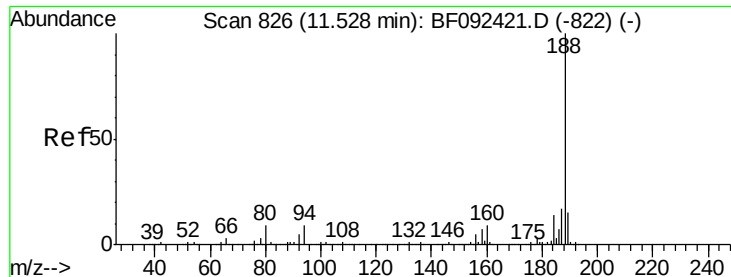
Delta R.T. -0.00 min

Lab File: BF092532.D

Acq: 26 Jan 2017 18:36

Tgt Ion:	77	Resp:	1101463
Ion	Ratio	Lower	Upper
77	100		
182	23.7	0.0	39.3
105	24.1	2.3	42.3
51	31.3	8.9	48.9





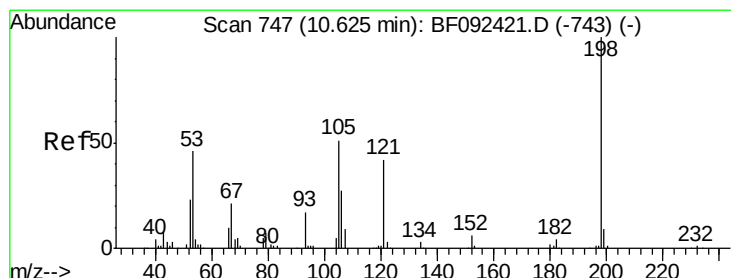
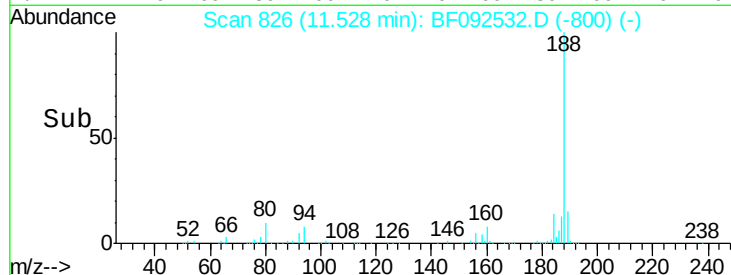
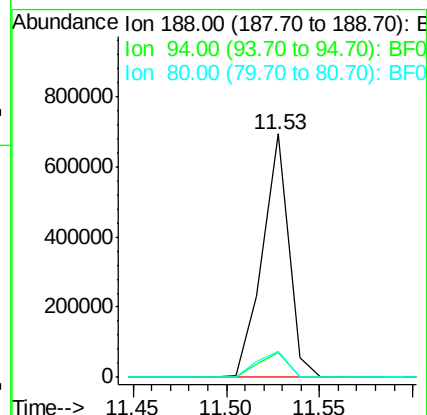
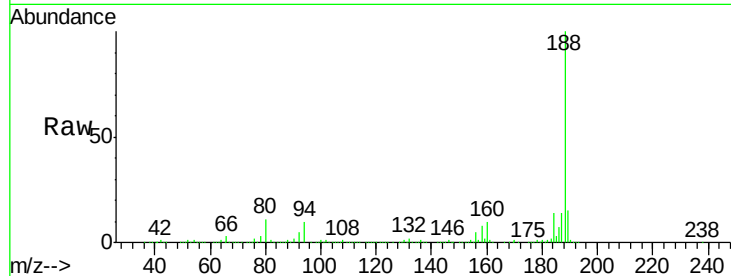
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.53 min Scan# 826
Delta R.T. -0.00 min
Lab File: BF092532.D
Acq: 26 Jan 2017 18:36

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
188	100	678857		
94	10.2		10.0	15.0
80	10.6		11.2	16.8#

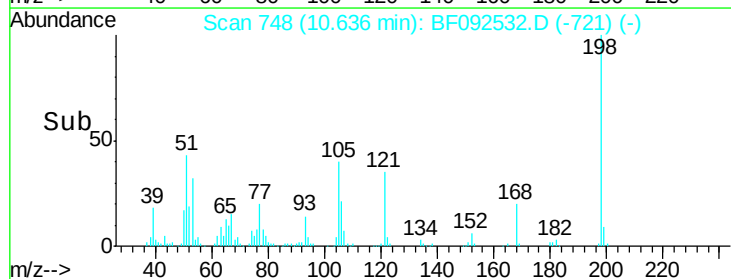
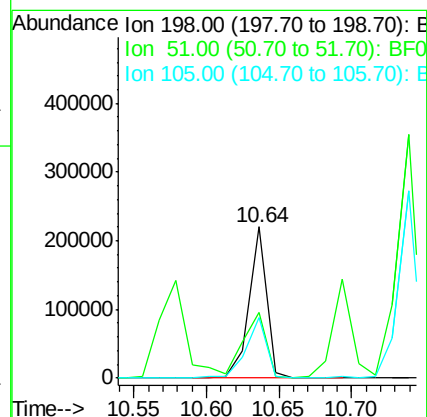
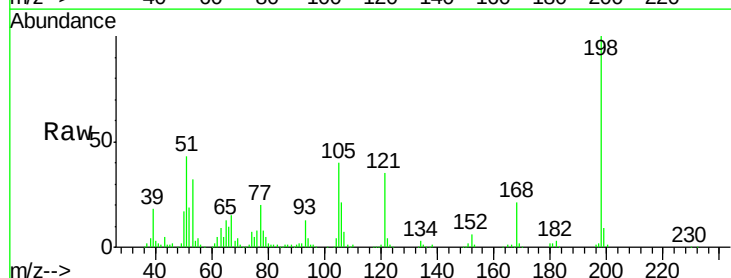
Manual Integrations
APPROVED

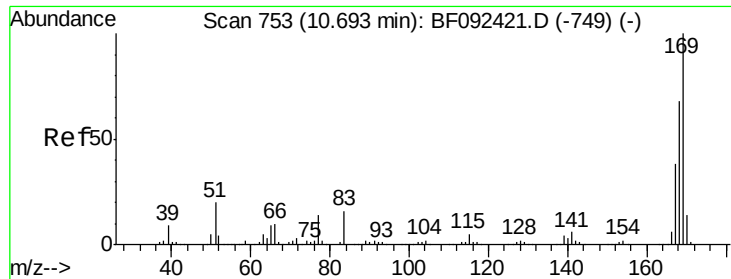
mohammad
1/27/2017 3:03:01 PM



#64
4,6-Dinitro-2-methylphenol
Concen: 50.48 ng
RT: 10.64 min Scan# 748
Delta R.T. 0.01 min
Lab File: BF092532.D
Acq: 26 Jan 2017 18:36

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	185705		
51	43.0		6.7	46.7
105	40.3		16.6	56.6





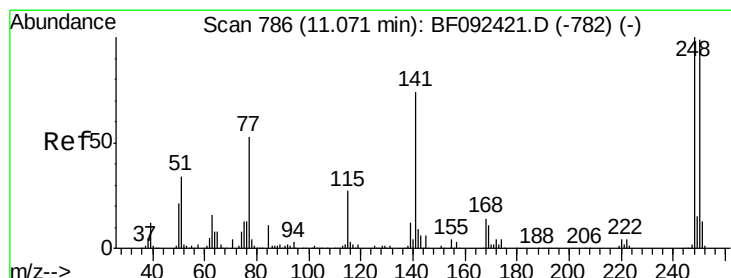
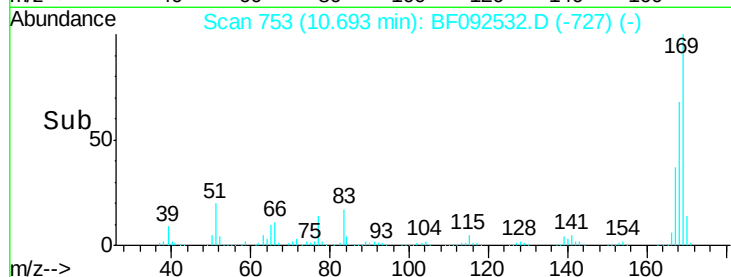
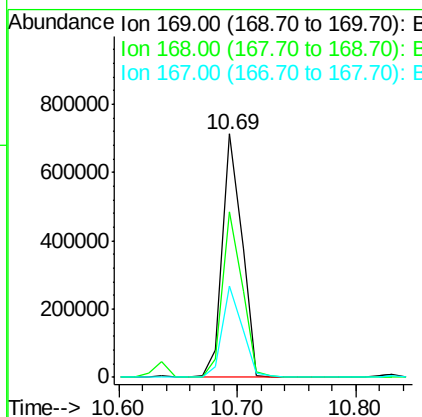
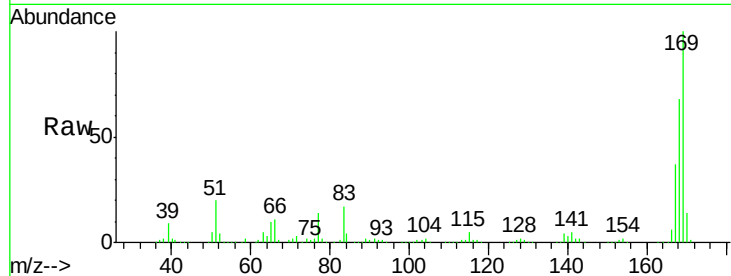
#65
n-Nitrosodiphenylamine
Concen: 38.22 ng
RT: 10.69 min Scan# 753
Delta R.T. -0.00 min
Lab File: BF092532.D
Acq: 26 Jan 2017 18:36

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
169	100	810191		
168	67.8	54.2	81.2	
167	37.4	30.2	45.4	

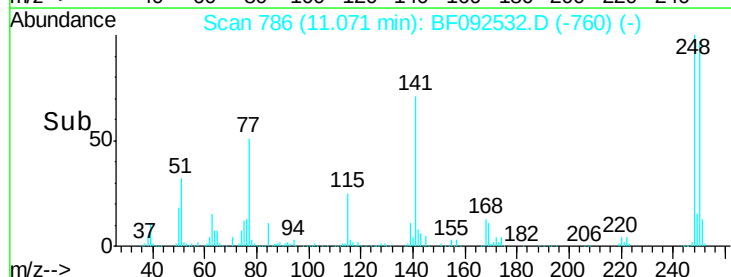
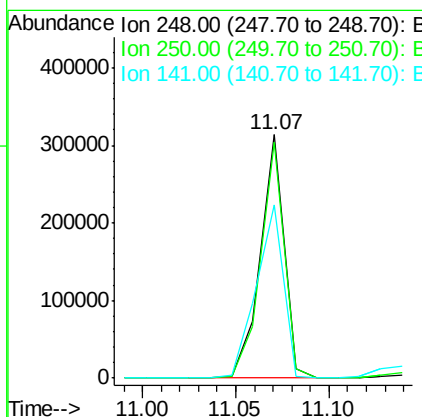
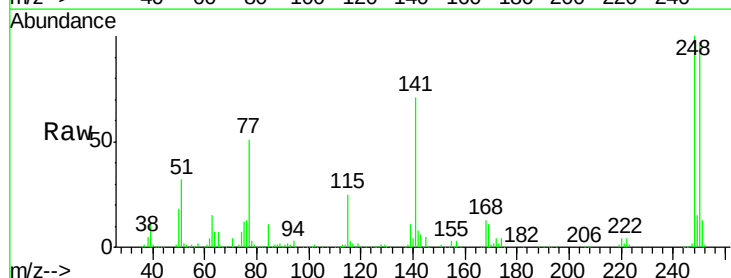
Manual Integrations
APPROVED

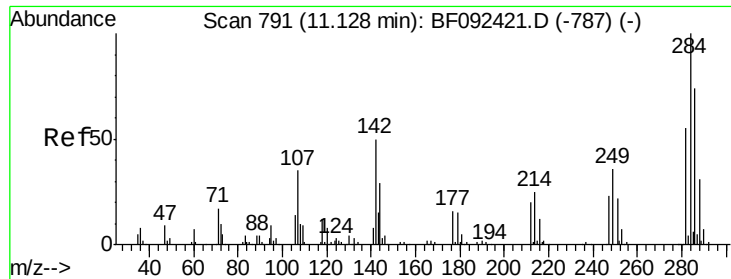
mohammad
1/27/2017 3:03:01 PM



#66
4-Bromophenyl-phenylether
Concen: 40.17 ng
RT: 11.07 min Scan# 786
Delta R.T. -0.00 min
Lab File: BF092532.D
Acq: 26 Jan 2017 18:36

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	275307		
250	96.9	76.9	115.3	
141	71.3	68.2	102.4	





#67

Hexachlorobenzene

Concen: 40.67 ng

RT: 11.14 min Scan# 792

Delta R.T. 0.01 min

Lab File: BF092532.D

Acq: 26 Jan 2017 18:36

Instrument :

BNA_F

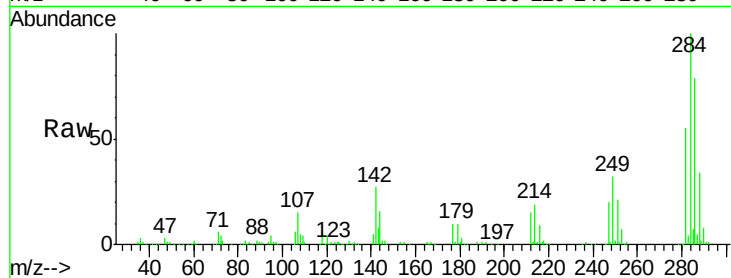
ClientSampleId :

SSTDCCC040

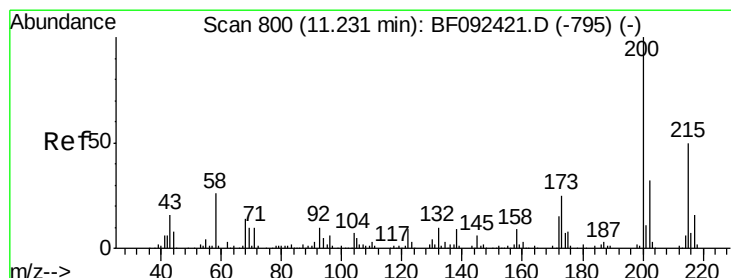
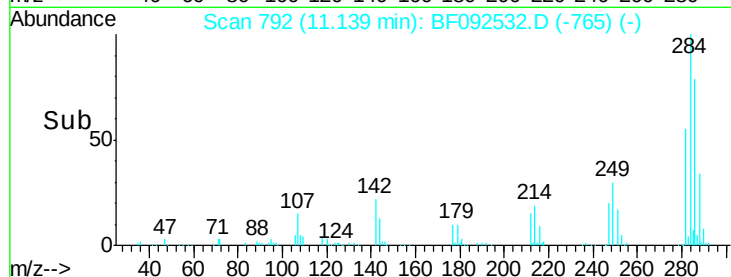
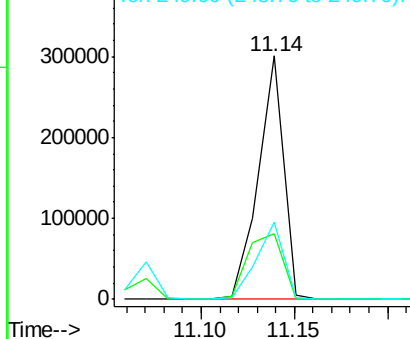
Tot Ion:	284	Resp:	281761
Ion Ratio	Lower	Upper	
284	100		
142	27.2	22.6	33.8
249	31.8	25.4	38.0

Manual Integrations
APPROVED

mohammad
1/27/2017 3:03:01 PM



Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 43.46 ng

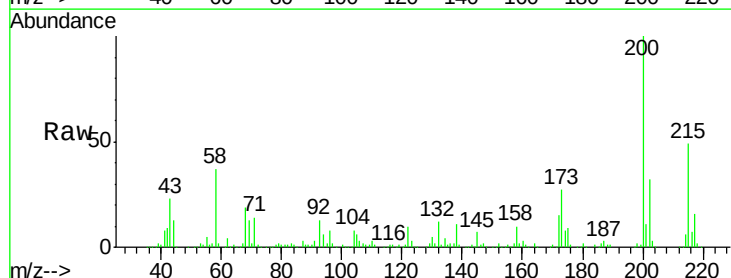
RT: 11.23 min Scan# 800

Delta R.T. -0.00 min

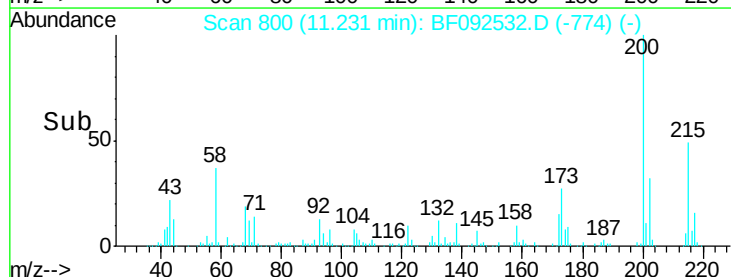
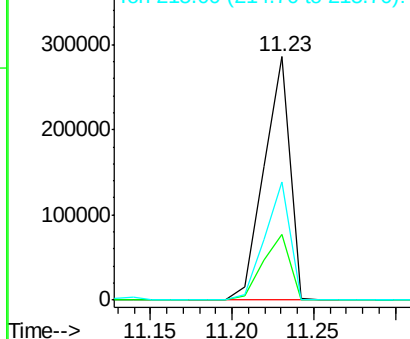
Lab File: BF092532.D

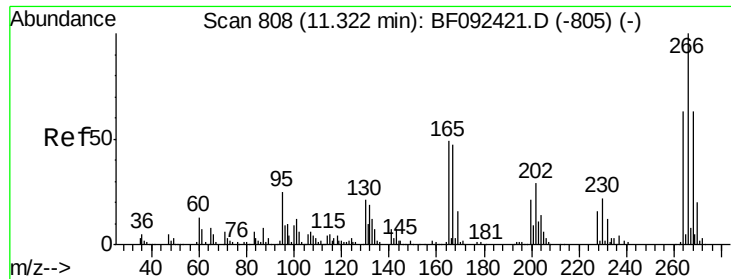
Acq: 26 Jan 2017 18:36

Tgt Ion:	200	Resp:	315363
Ion Ratio	Lower	Upper	
200	100		
173	26.8	9.6	49.6
215	48.6	25.7	65.7



Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E





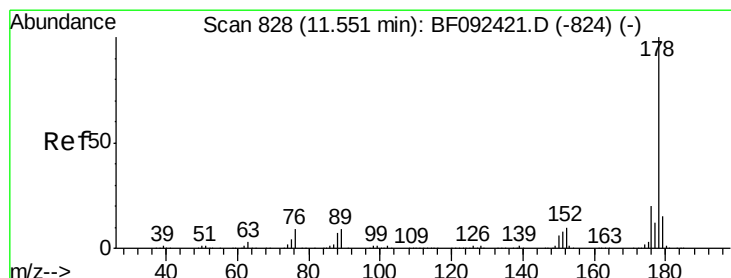
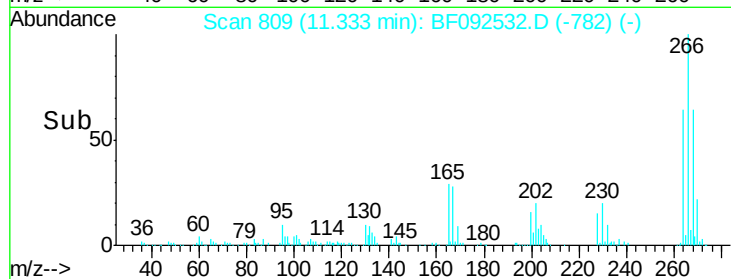
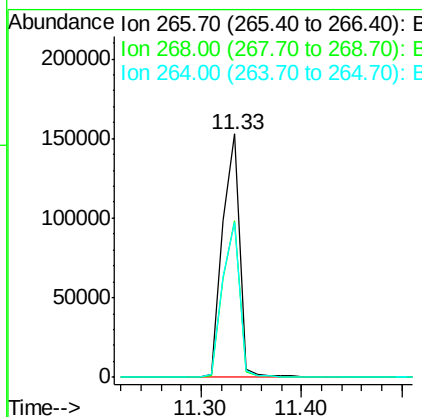
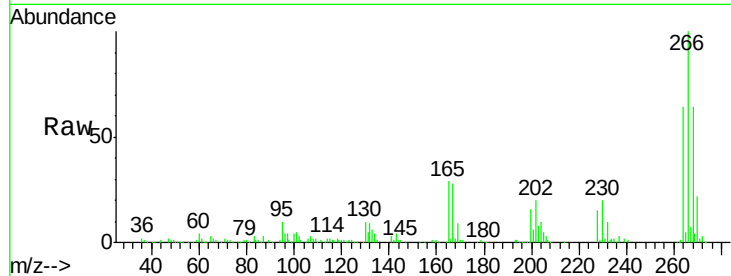
#69
 Pentachlorophenol
 Concen: 41.00 ng
 RT: 11.33 min Scan# 809
 Delta R.T. 0.01 min
 Lab File: BF092532.D
 Acq: 26 Jan 2017 18:36

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
266	100		
268	64.4	53.3	79.9
264	63.6	50.3	75.5

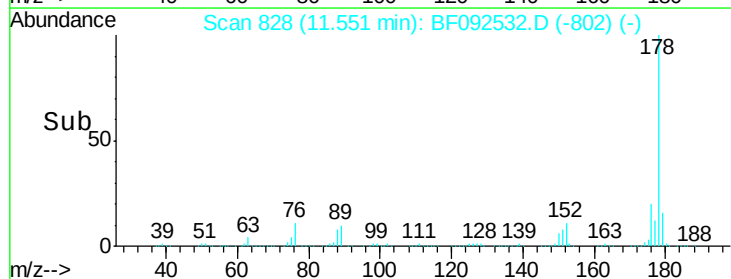
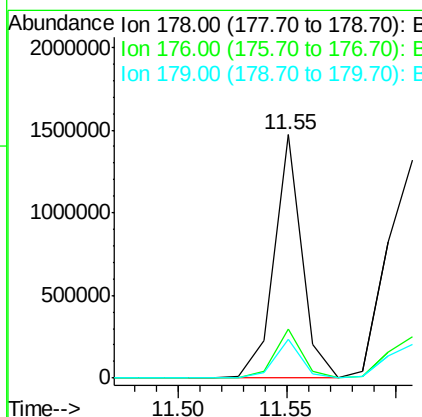
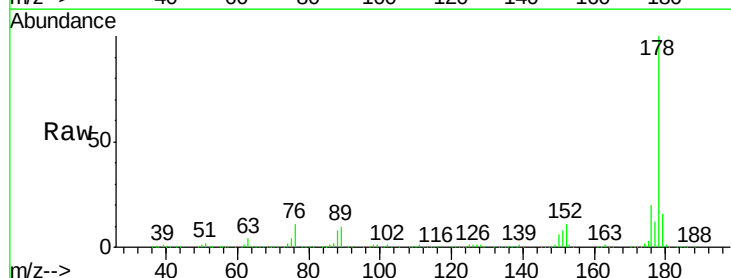
Manual Integrations
 APPROVED

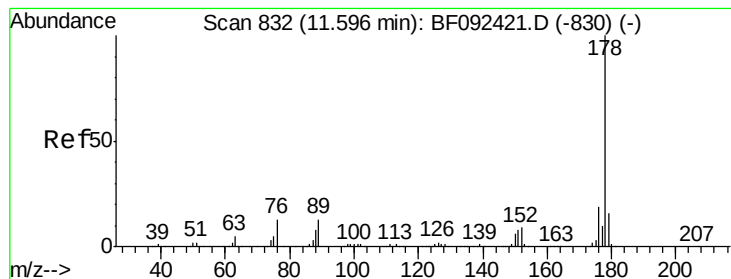
mohammad
 1/27/2017 3:03:01 PM



#70
 Phenanthrene
 Concen: 35.11 ng
 RT: 11.55 min Scan# 828
 Delta R.T. -0.00 min
 Lab File: BF092532.D
 Acq: 26 Jan 2017 18:36

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.2	16.6	25.0
179	15.7	12.8	19.2





#71
 Anthracene
 Concen: 41.35 ng
 RT: 11.61 min Scan# 833
 Delta R.T. 0.01 min
 Lab File: BF092532.D
 Acq: 26 Jan 2017 18:36

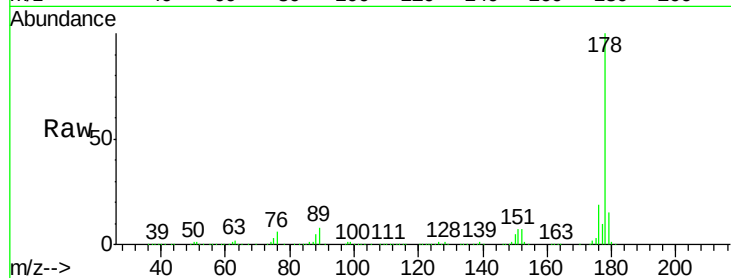
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:178 Resp: 1510716

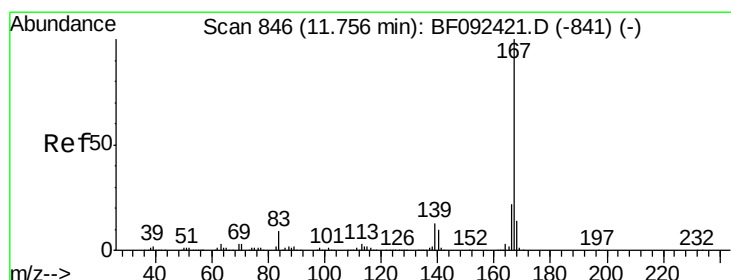
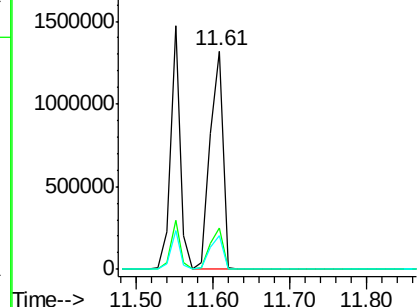
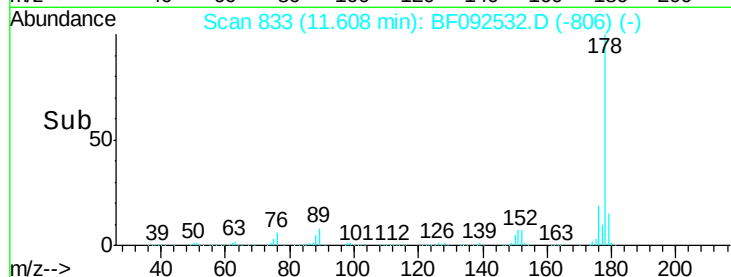
Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.9	23.9
179	15.4	13.2	19.8

Manual Integrations
 APPROVED

mohammad
 1/27/2017 3:03:01 PM



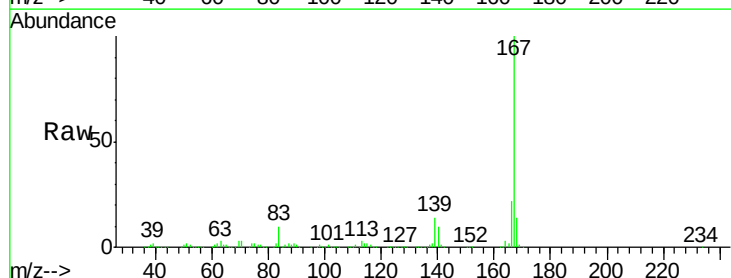
Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E



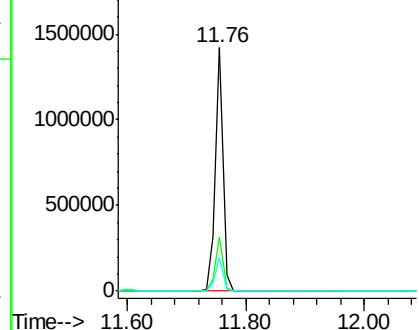
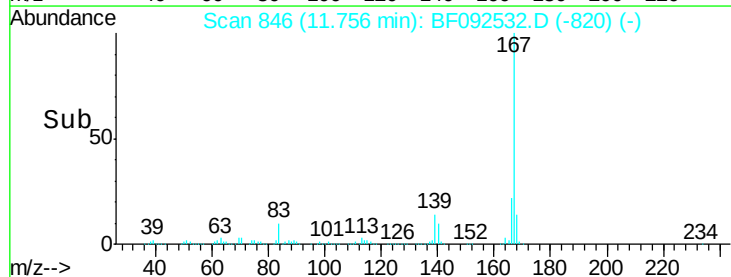
#72
 Carbazole
 Concen: 36.54 ng
 RT: 11.76 min Scan# 846
 Delta R.T. -0.00 min
 Lab File: BF092532.D
 Acq: 26 Jan 2017 18:36

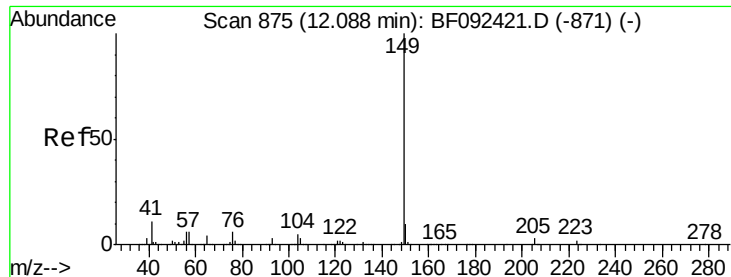
Tgt Ion:167 Resp: 1274771

Ion	Ratio	Lower	Upper
167	100		
166	22.4	18.2	27.2
139	13.7	11.4	17.2



Abundance Ion 167.00 (166.70 to 167.70): E
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 39.71 ng

RT: 12.09 min Scan# 875

Delta R.T. -0.00 min

Lab File: BF092532.D

Acq: 26 Jan 2017 18:36

Instrument :

BNA_F

ClientSampleId :

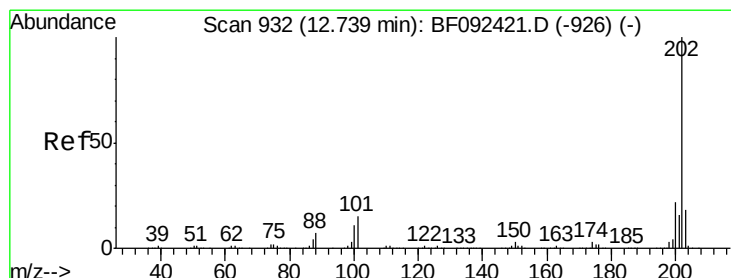
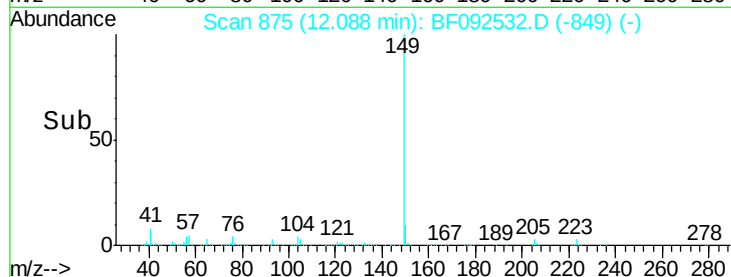
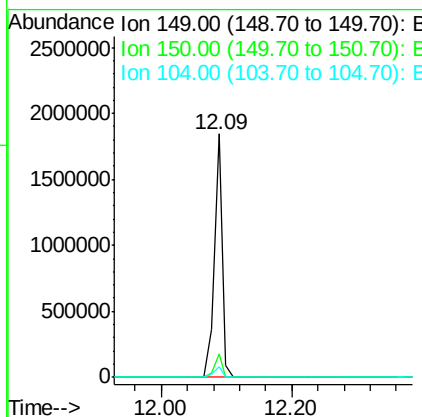
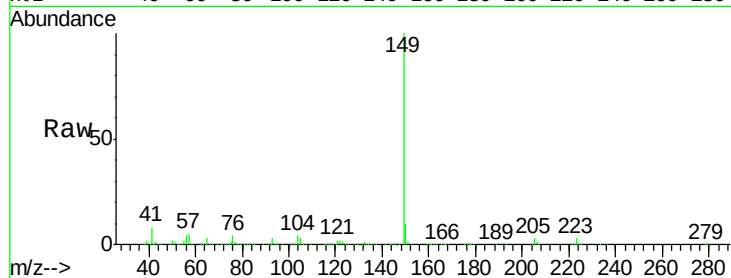
SSTDCCC040

Tot Ion:149 Resp: 1583982

Ion	Ratio	Lower	Upper
149	100		
150	9.6	8.1	12.1
104	4.5	4.6	7.0

Manual Integrations
APPROVED

mohammad
1/27/2017 3:03:01 PM



#74

Fluoranthene

Concen: 37.11 ng

RT: 12.74 min Scan# 932

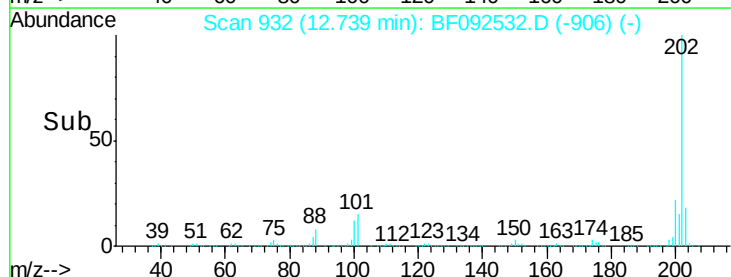
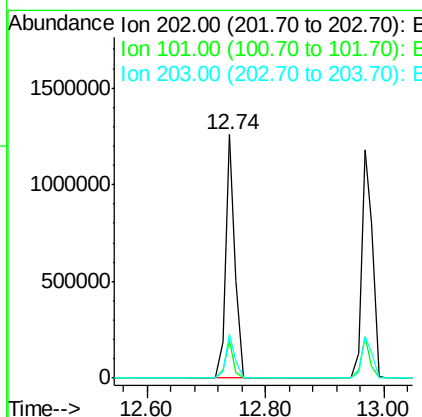
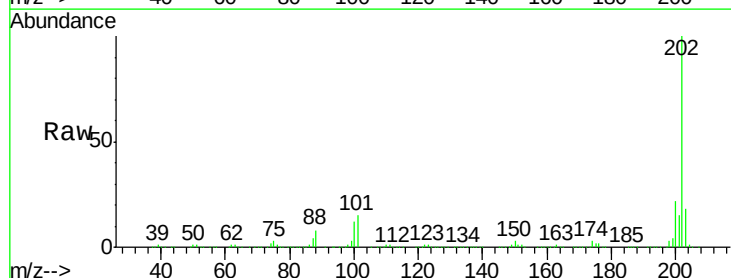
Delta R.T. -0.00 min

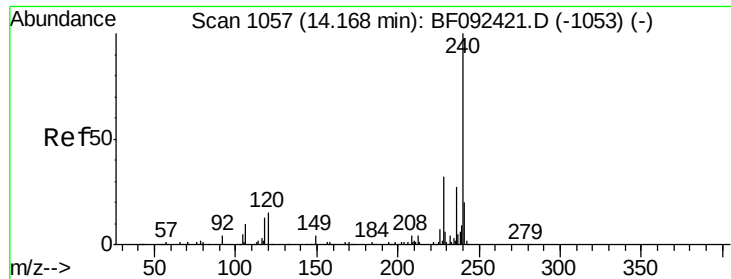
Lab File: BF092532.D

Acq: 26 Jan 2017 18:36

Tgt Ion:202 Resp: 1356915

Ion	Ratio	Lower	Upper
202	100		
101	15.4	0.0	34.6
203	18.1	0.0	38.7





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.17 min Scan# 1057

Delta R.T. -0.00 min

Lab File: BF092532.D

Acq: 26 Jan 2017 18:36

Instrument :

BNA_F

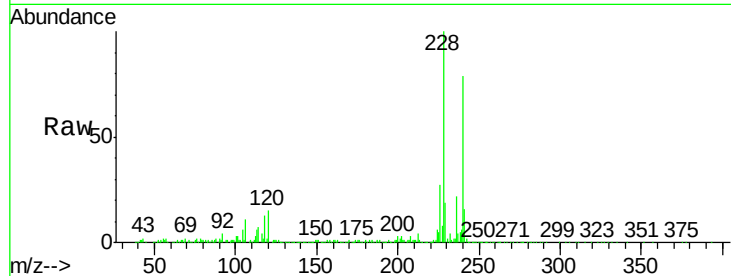
ClientSampleId :

SSTDCCC040

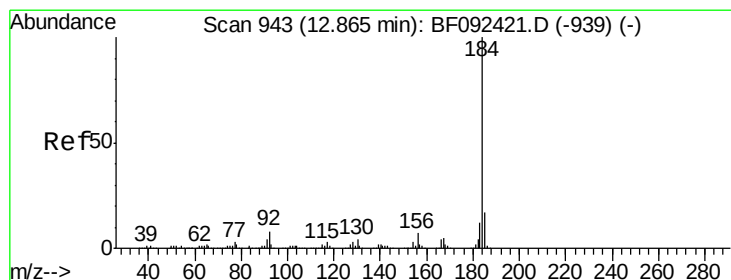
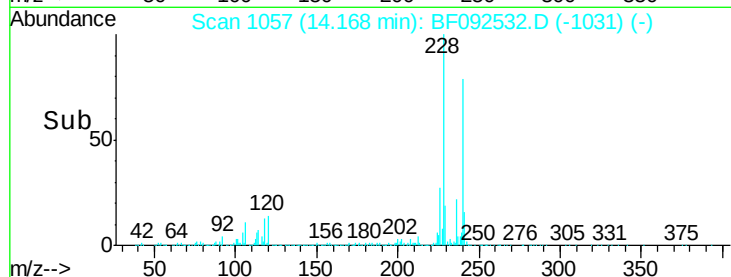
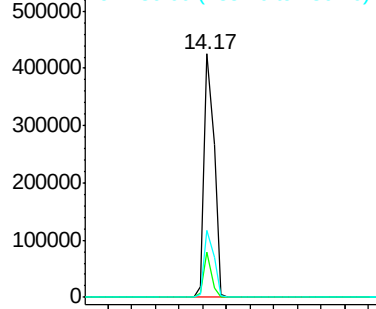
Tot Ion:	240	Resp:	501178
Ion Ratio		Lower	Upper
240	100		
120	18.4	12.9	19.3
236	27.3	20.9	31.3

Manual Integrations
APPROVED

mohammad
1/27/2017 3:03:01 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: 45.02 ng

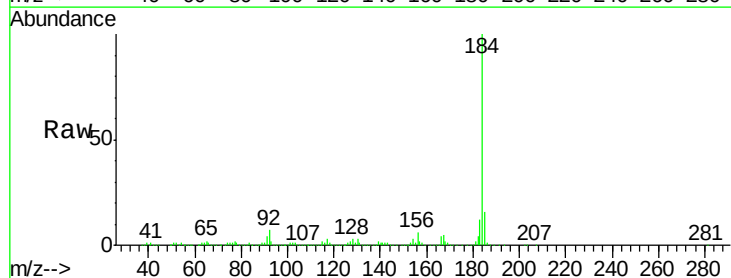
RT: 12.86 min Scan# 943

Delta R.T. -0.00 min

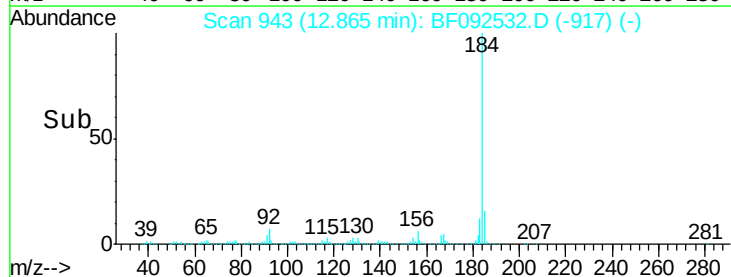
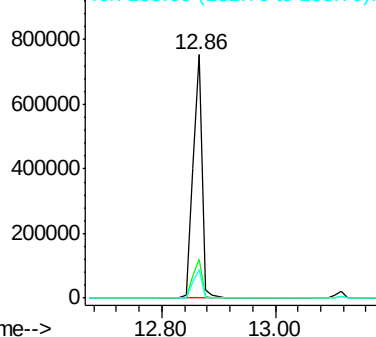
Lab File: BF092532.D

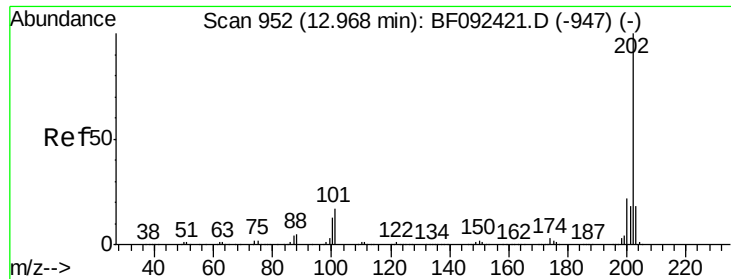
Acq: 26 Jan 2017 18:36

Tgt Ion:	184	Resp:	837576
Ion Ratio		Lower	Upper
184	100		
185	16.2	13.4	20.0
183	11.7	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

Pvrene

Concen: 40.10 ng

RT: 12.97 min Scan# 952

Delta R.T. -0.00 min

Lab File: BF092532.D

Acq: 26 Jan 2017 18:36

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:202 Resp: 1456170

Ion Ratio Lower Upper

202 100

200 22.2 17.7 26.5

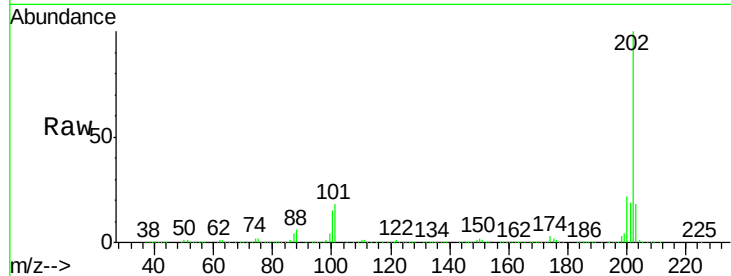
203 18.1 14.7 22.1

Manual Integrations

APPROVED

mohammad

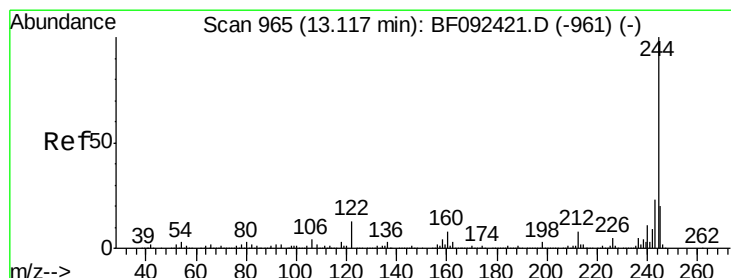
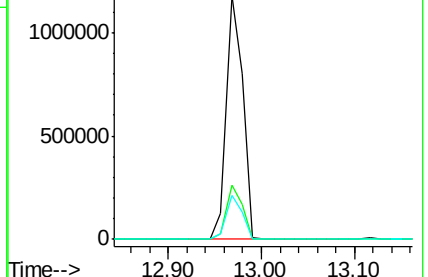
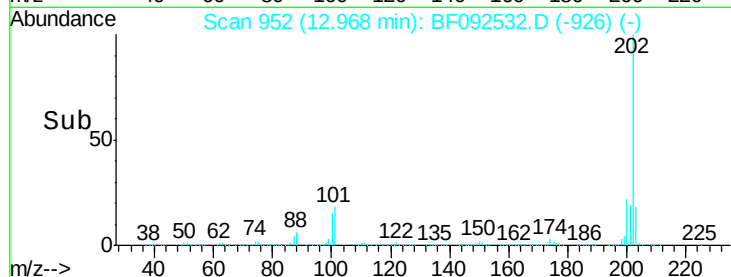
1/27/2017 3:03:01 PM



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 80.79 ng

RT: 13.12 min Scan# 965

Delta R.T. -0.00 min

Lab File: BF092532.D

Acq: 26 Jan 2017 18:36

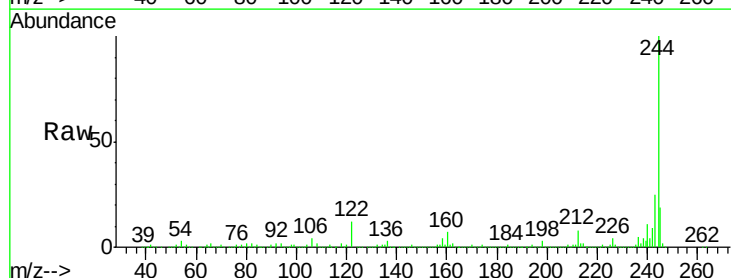
Tgt Ion:244 Resp: 1520512

Ion Ratio Lower Upper

244 100

212 7.6 6.2 9.2

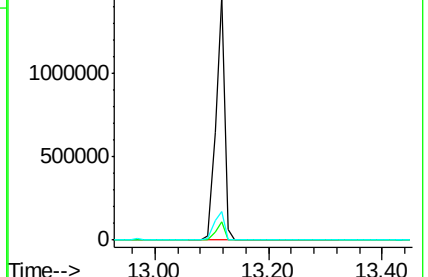
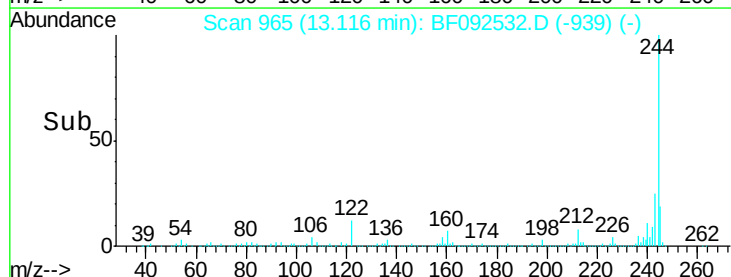
122 11.9 11.4 17.2

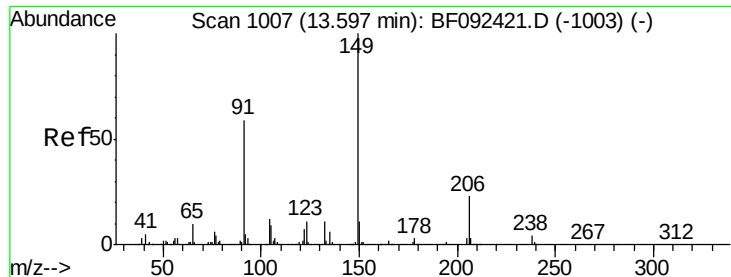


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





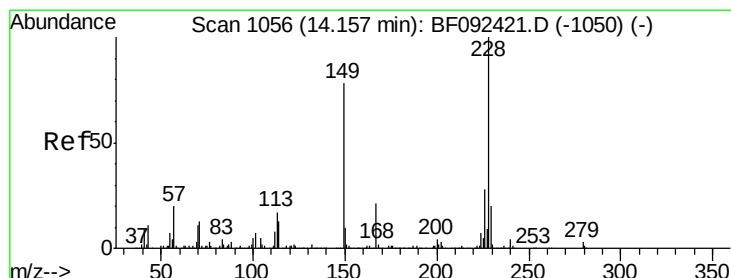
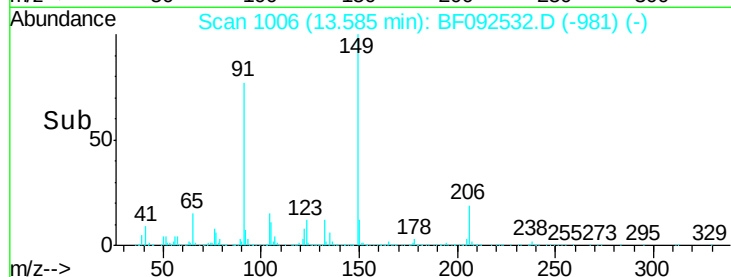
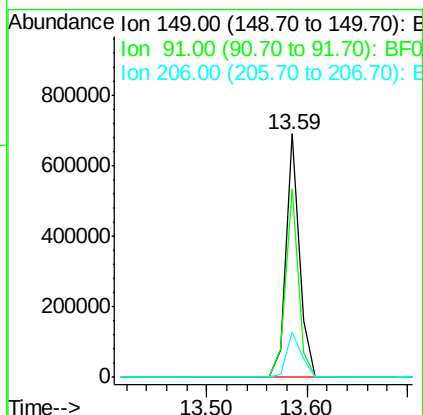
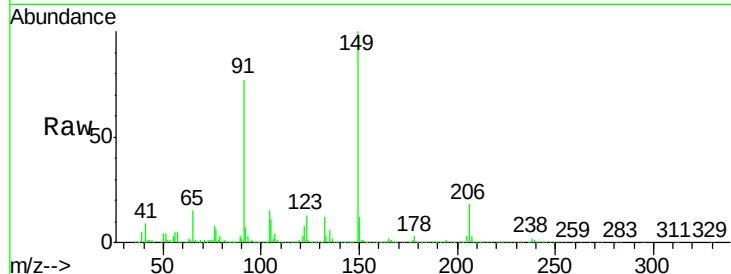
#79
Butylbenzylphthalate
Concen: 43.46 ng
RT: 13.59 min Scan# 1006
Delta R.T. -0.01 min
Lab File: BF092532.D
Acq: 26 Jan 2017 18:36

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
149	100		
91	77.2	63.9	95.9
206	18.5	14.6	21.8

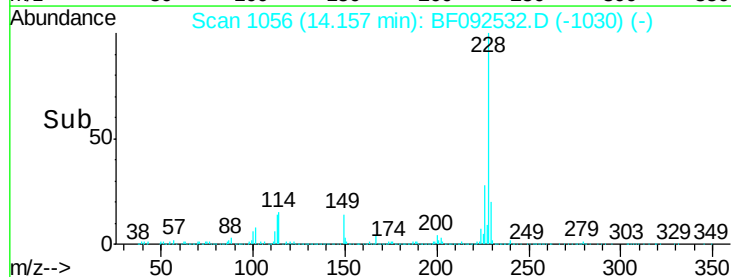
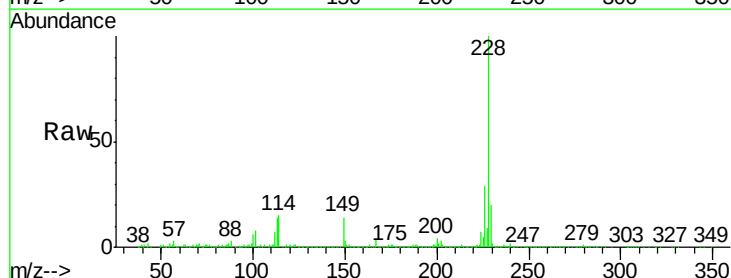
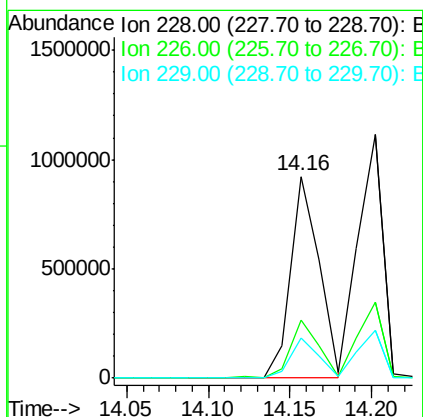
Manual Integrations
APPROVED

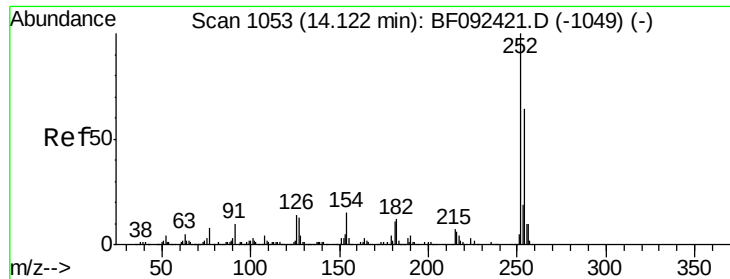
mohammad
1/27/2017 3:03:01 PM



#80
Benzo(a)anthracene
Concen: 41.64 ng
RT: 14.16 min Scan# 1056
Delta R.T. -0.00 min
Lab File: BF092532.D
Acq: 26 Jan 2017 18:36

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.5	22.4	33.6
229	20.1	16.2	24.4





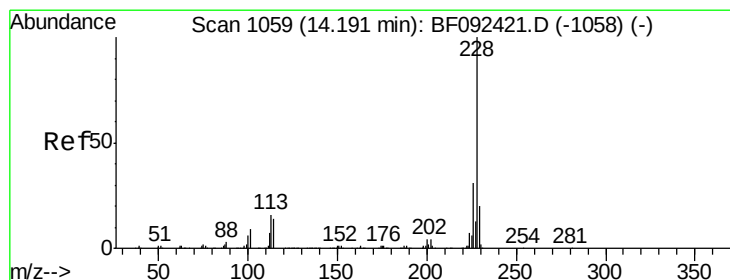
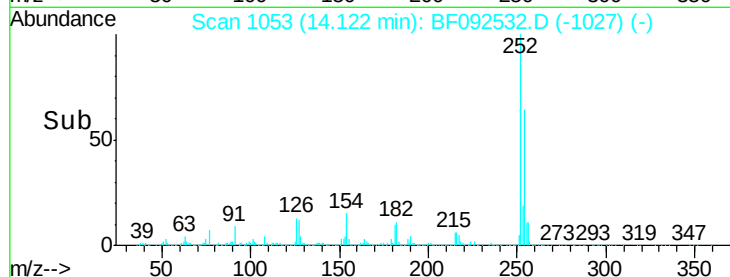
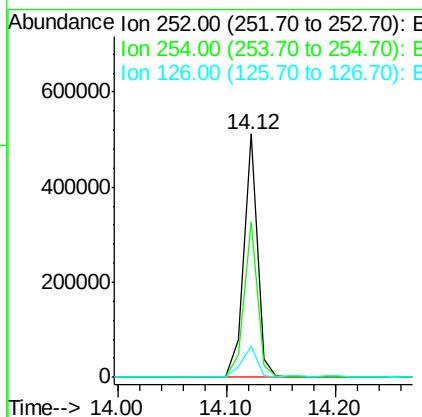
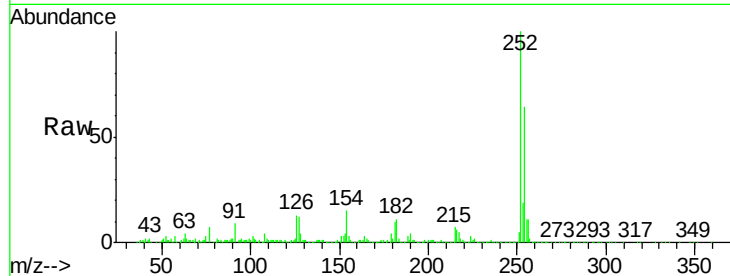
#81
 3,3'-Dichlorobenzidine
 Concen: 42.83 ng
 RT: 14.12 min Scan# 1053
 Delta R.T. -0.00 min
 Lab File: BF092532.D
 Acq: 26 Jan 2017 18:36

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
252	100		
254	63.7	52.3	78.5
126	12.6	13.6	20.4

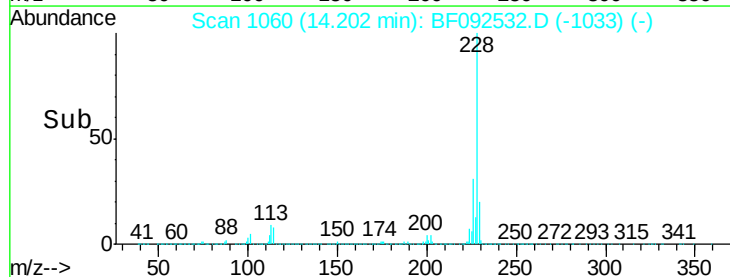
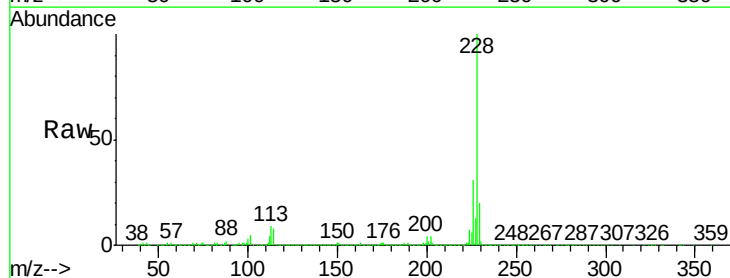
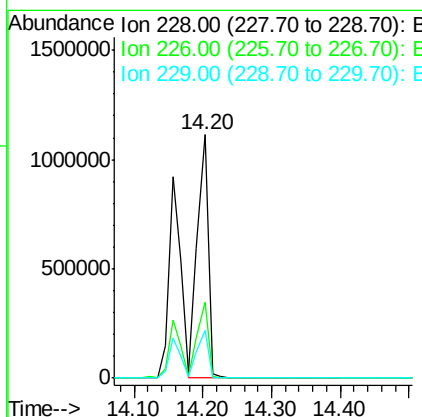
Manual Integrations
 APPROVED

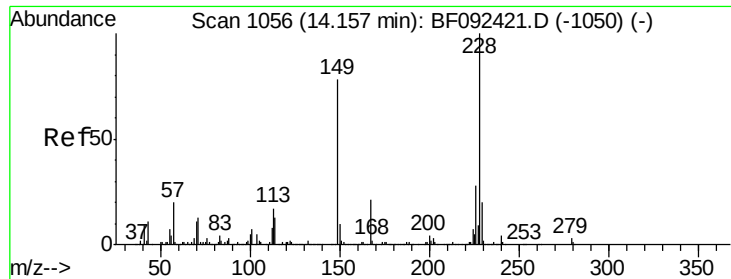
mohammad
 1/27/2017 3:03:01 PM



#82
 Chrysene
 Concen: 41.72 ng
 RT: 14.20 min Scan# 1060
 Delta R.T. 0.01 min
 Lab File: BF092532.D
 Acq: 26 Jan 2017 18:36

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.2	25.4	38.0
229	19.8	16.2	24.2





#83

Bis(2-ethylhexyl)phthalate

Concen: 44.99 ng

RT: 14.15 min Scan# 1055

Delta R.T. -0.01 min

Lab File: BF092532.D

Acq: 26 Jan 2017 18:36

Instrument :

BNA_F

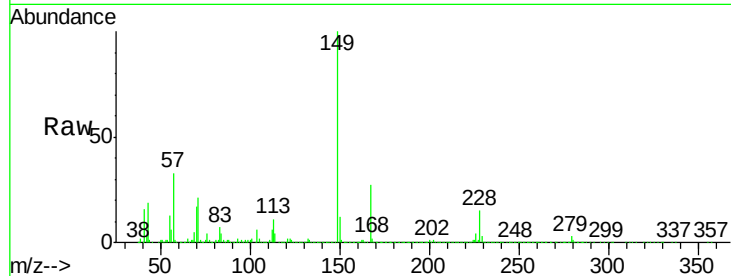
ClientSampleId :

SSTDCCC040

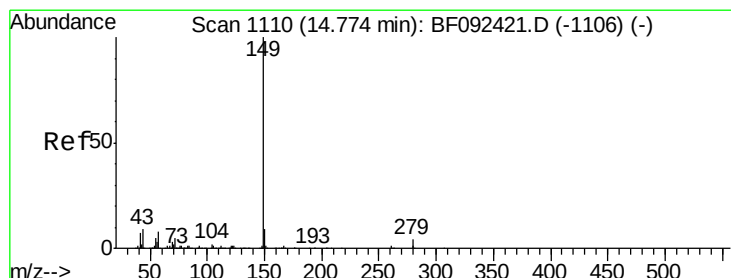
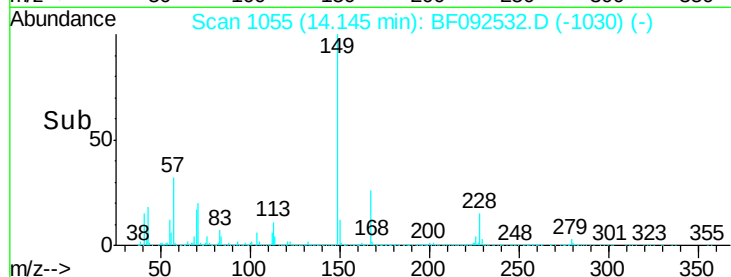
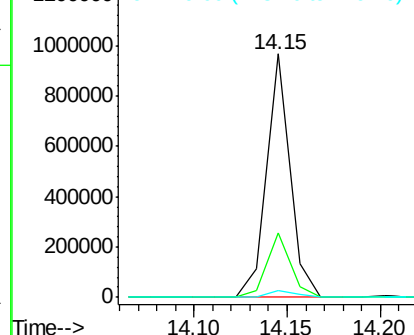
Tot Ion:	149	Resp:	833541
Ion Ratio	Lower	Upper	
149	100		
167	26.5	20.2	30.4
279	2.8	1.8	2.8#

Manual Integrations
APPROVED

mohammad
1/27/2017 3:03:01 PM



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 44.43 ng

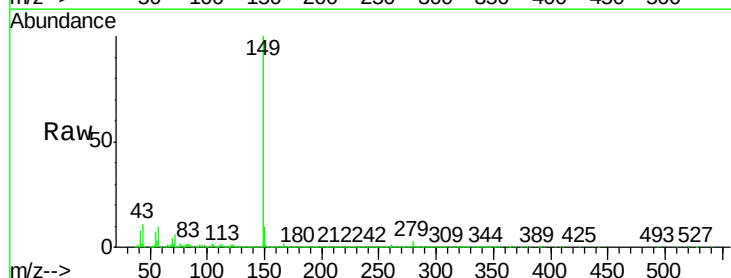
RT: 14.76 min Scan# 1109

Delta R.T. -0.01 min

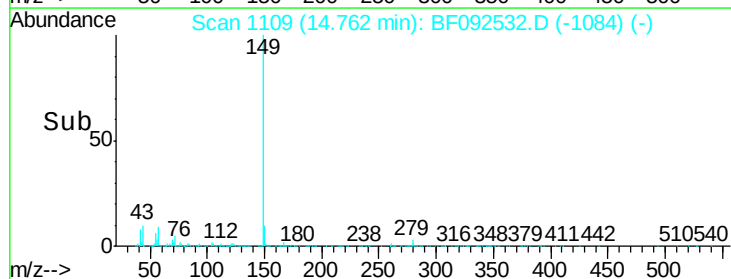
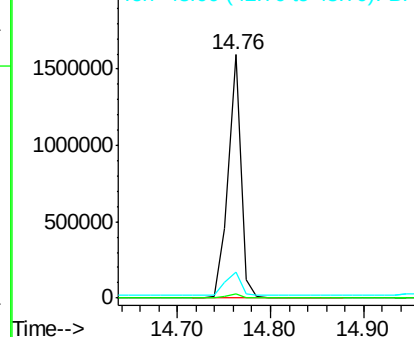
Lab File: BF092532.D

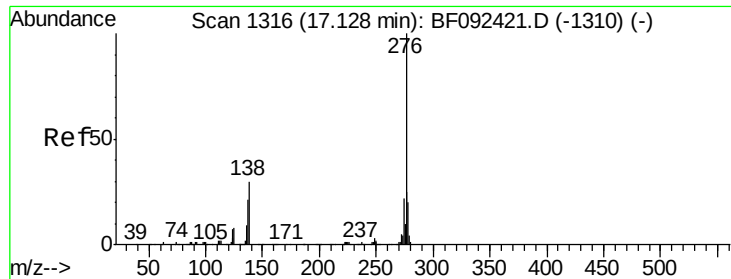
Acq: 26 Jan 2017 18:36

Tgt Ion:	149	Resp:	1494400
Ion Ratio	Lower	Upper	
149	100		
167	1.7	1.3	1.9
43	12.0	8.9	13.3



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF0





#85

Indeno(1,2,3-cd)pyrene

Concen: 42.21 ng

RT: 17.15 min Scan# 1318

Delta R.T. 0.02 min

Lab File: BF092532.D

Acq: 26 Jan 2017 18:36

Instrument :

BNA_F

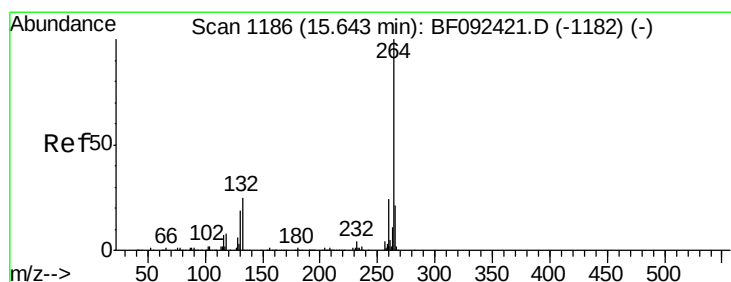
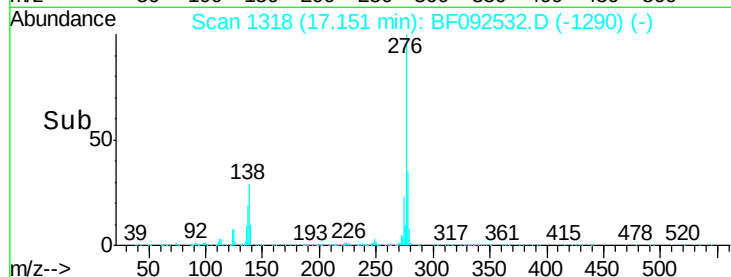
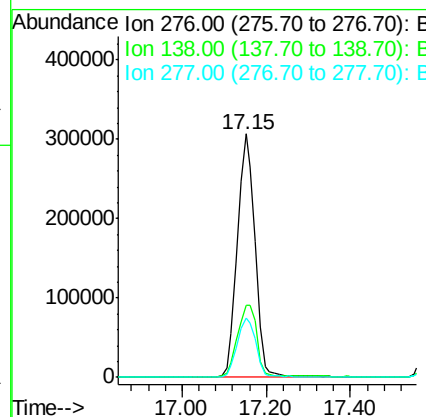
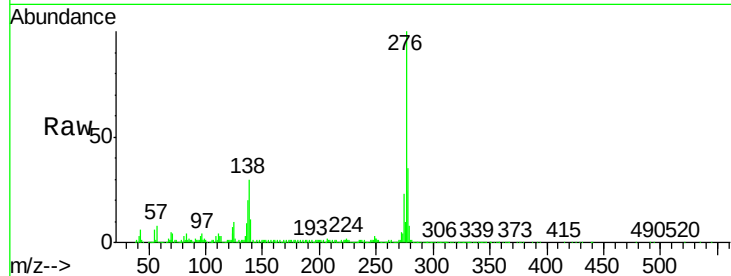
ClientSampleId :

SSTDCCC040

Tot Ion	Ratio	Lower	Upper
276	100		
138	32.2	21.8	32.6
277	25.2	20.2	30.4

Manual Integrations
APPROVED

mohammad
1/27/2017 3:03:01 PM



#86

Perylene-d12

Concen: 20.00 ng

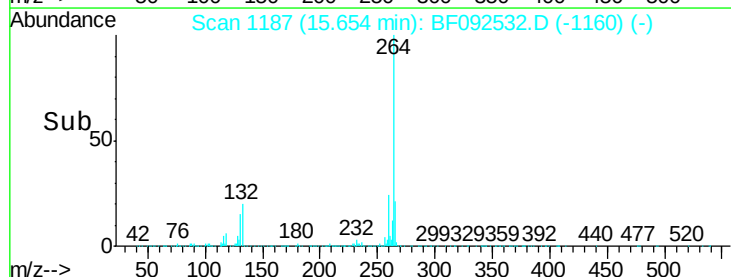
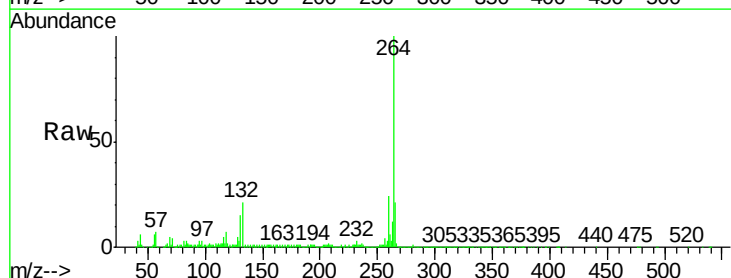
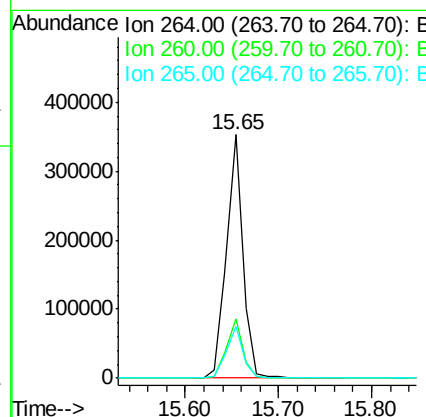
RT: 15.65 min Scan# 1187

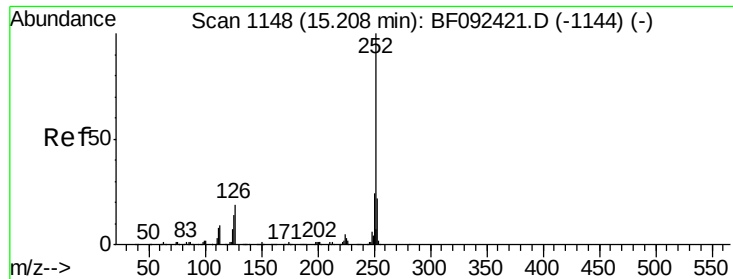
Delta R.T. 0.01 min

Lab File: BF092532.D

Acq: 26 Jan 2017 18:36

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.2	28.8
265	21.5	17.4	26.0





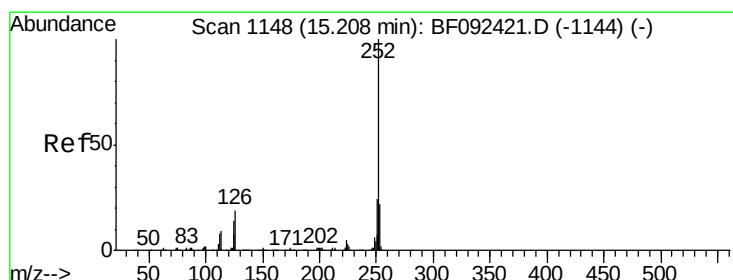
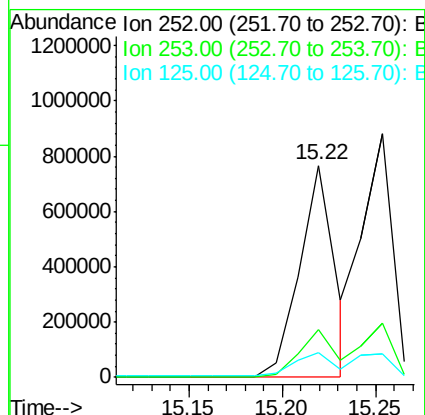
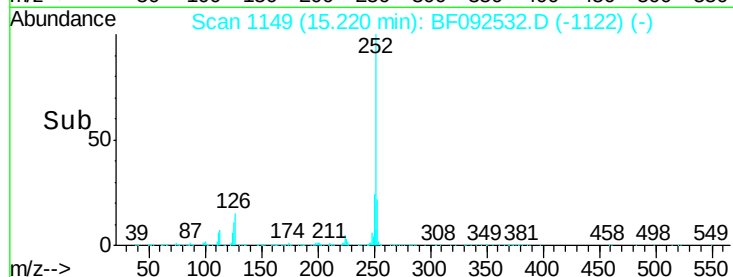
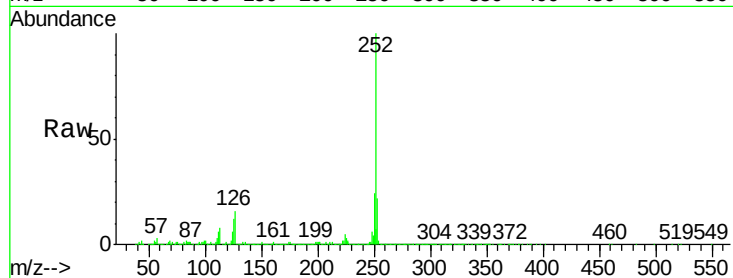
#87
Benzo(b)fluoranthene
Concen: 36.24 ng
RT: 15.22 min Scan# 1149
Delta R.T. 0.01 min
Lab File: BF092532.D
Acq: 26 Jan 2017 18:36

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:252 Resp: 1000756
Ion Ratio Lower Upper
252 100
253 22.4 18.2 27.4
125 11.9 9.8 14.6

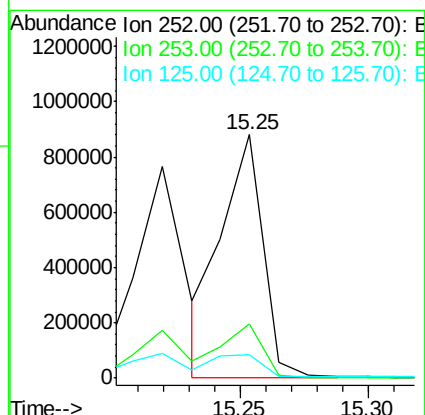
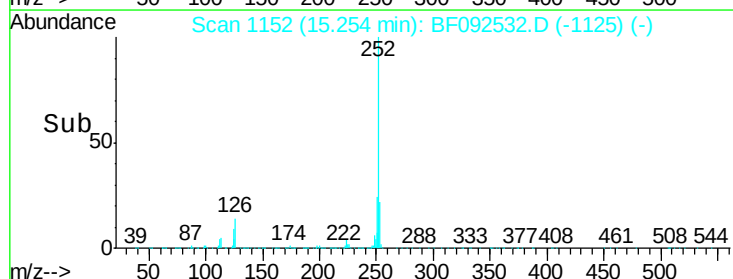
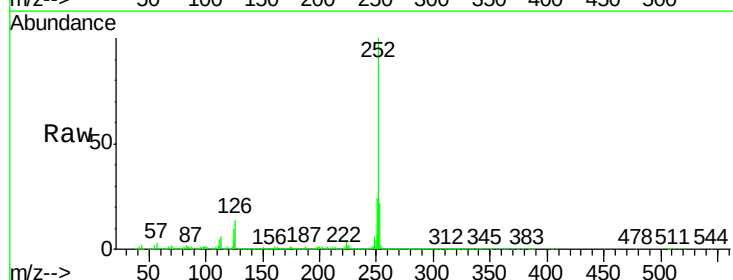
Manual Integrations
APPROVED

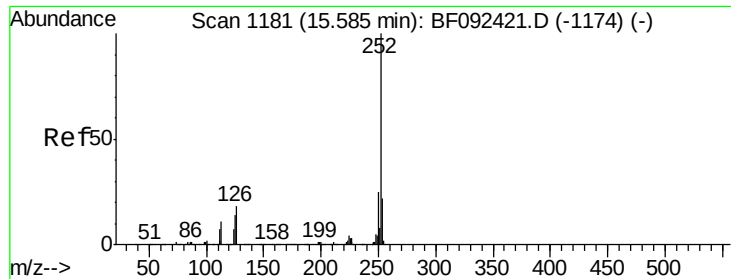
mohammad
1/27/2017 3:03:01 PM



#88
Benzo(k)fluoranthene
Concen: 43.62 ng m
RT: 15.25 min Scan# 1152
Delta R.T. 0.01 min
Lab File: BF092532.D
Acq: 26 Jan 2017 18:36

Tgt Ion:252 Resp: 1001640
Ion Ratio Lower Upper
252 100
253 22.2 18.5 27.7
125 9.7 8.9 13.3





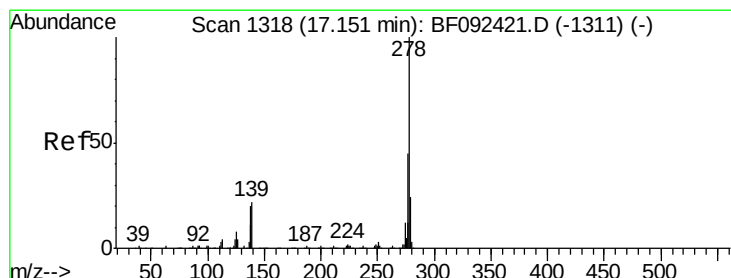
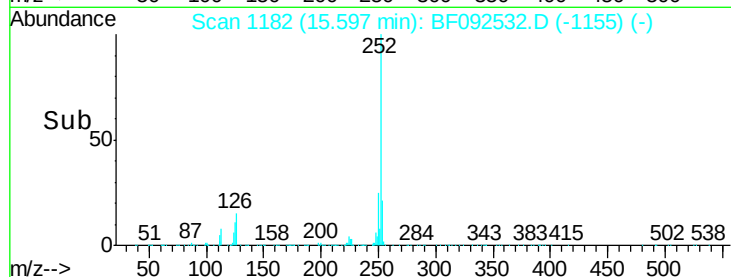
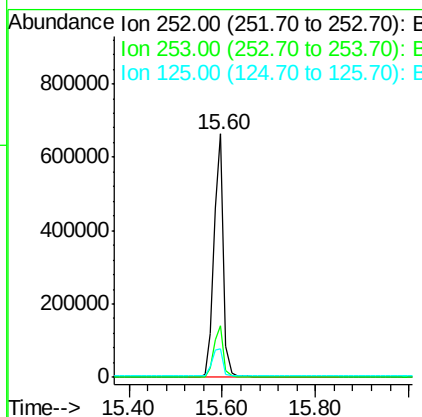
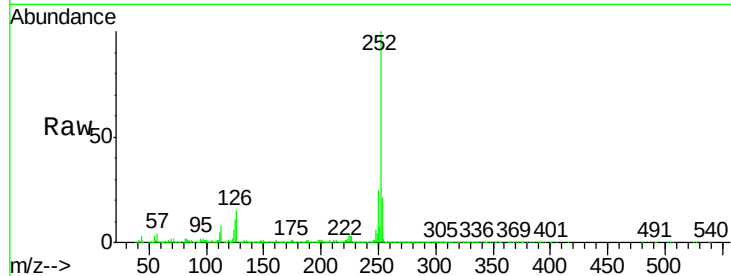
#89
Benzo(a)pyrene
Concen: 40.28 ng
RT: 15.60 min Scan# 1182
Delta R.T. 0.01 min
Lab File: BF092532.D
Acq: 26 Jan 2017 18:36

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.4	18.2	27.2
125	11.5	10.0	15.0

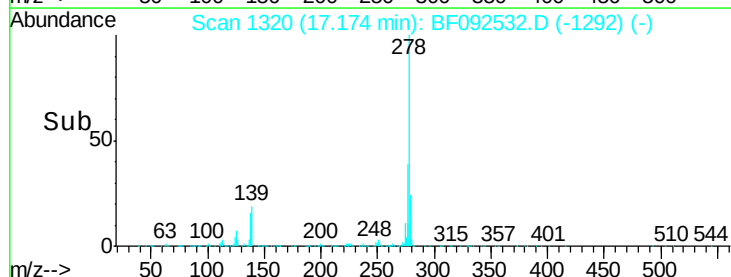
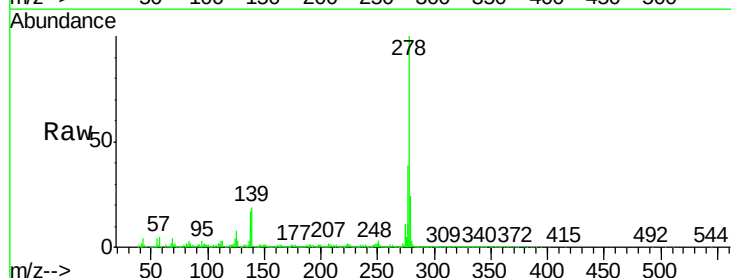
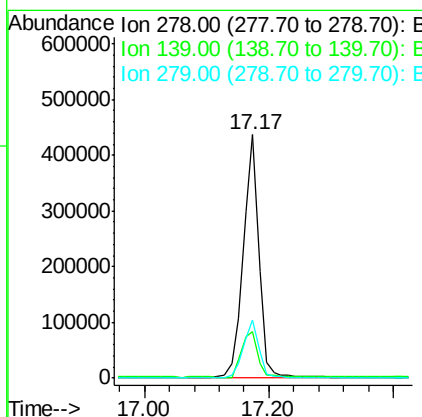
Manual Integrations
APPROVED

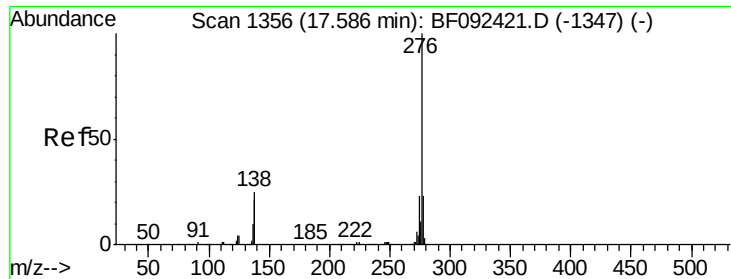
mohammad
1/27/2017 3:03:01 PM



#90
Dibenzo(a,h)anthracene
Concen: 41.01 ng
RT: 17.17 min Scan# 1320
Delta R.T. 0.02 min
Lab File: BF092532.D
Acq: 26 Jan 2017 18:36

Tgt Ion	Ratio	Lower	Upper
278	100		
139	19.1	14.8	22.2
279	23.9	19.8	29.6





#91
 Benzo(a,h,i)perylene
 Concen: 40.86 ng
 RT: 17.61 min Scan# 1358
 Delta R.T. 0.02 min
 Lab File: BF092532.D
 Acq: 26 Jan 2017 18:36

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.7	19.2	28.8
138	27.8	16.0	24.0

Manual Integrations
 APPROVED

mohammad
 1/27/2017 3:03:01 PM

