

Data Path : Z:\HPCHEM1\BNA F\DATA\BF031117\
 Data File : BF093565.D
 Acq On : 11 Mar 2017 14:18
 Operator : SJ/MA
 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDC0040

Manual Integrations
 APPROVED

mohammad
 3/15/2017 5:31:00 PM

Quant Time: Mar 13 16:25:50 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF030717.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 13 15:05:08 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	182414	20.00	ng	0.00
21) Naphthalene-d8	8.01	136	754182	20.00	ng	0.00
38) Acenaphthene-d10	9.76	164	357699	20.00	ng	0.00
63) Phenanthrene-d10	11.25	188	646617	20.00	ng	0.00
75) Chrysene-d12	13.89	240	500572	20.00	ng	0.00
86) Perylene-d12	15.28	264	429541	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	958493	87.45	ng	0.00
7) Phenol-d6	6.38	99	1086050	78.58	ng	0.00
23) Nitrobenzene-d5	7.30	82	1164756	85.69	ng	0.00
41) 2,4,6-Tribromophenol	10.55	330	189672	81.39	ng	0.00
44) 2-Fluorobiphenyl	9.09	172	1659390	86.29	ng	0.00
78) Terphenyl-d14	12.83	244	1614715	83.87	ng	0.00

Target Compounds						Qvalue
2) 1,4-Dioxane	2.18	88	261877	43.38	ng	87
3) Pyridine	2.86	79	663100	43.08	ng	86
4) n-Nitrosodimethylamine	2.84	42	319045	43.40	ng	80
6) Aniline	6.39	93	754358	39.77	ng	# 72
8) 2-Chlorophenol	6.50	128	499293	40.66	ng	83
9) Benzaldehyde	6.28	77	355172	43.64	ng	95
10) Phenol	6.40	94	719731	42.50	ng	82
11) bis(2-Chloroethyl)ether	6.46	93	538182	39.32	ng	90
12) 1,3-Dichlorobenzene	6.65	146	558043m	39.70	ng	
13) 1,4-Dichlorobenzene	6.73	146	579556	40.27	ng	99
14) 1,2-Dichlorobenzene	6.89	146	514140	40.34	ng	95
15) Benzyl Alcohol	6.88	79	430423	43.69	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.01	45	947152	41.65	ng	# 37
17) 2-Methylphenol	7.01	107	422835	40.71	ng	# 92
18) Hexachloroethane	7.22	117	203029	41.83	ng	95
19) n-Nitroso-di-n-propylamine	7.14	70	379012	39.89	ng	90
20) 3+4-Methylphenols	7.17	107	585278	43.45	ng	# 74
22) Acetophenone	7.14	105	714015	39.34	ng	# 99
24) Nitrobenzene	7.32	77	621495	40.68	ng	96
25) Isophorone	7.56	82	1115509	40.70	ng	94
26) 2-Nitrophenol	7.64	139	295941	42.46	ng	96
27) 2,4-Dimethylphenol	7.68	122	420888	37.12	ng	99
28) bis(2-Chloroethoxy)methane	7.77	93	717319	41.45	ng	100
29) 2,4-Dichlorophenol	7.89	162	442511	41.48	ng	92
30) 1,2,4-Trichlorobenzene	7.96	180	440946	38.87	ng	97
31) Naphthalene	8.04	128	1433801	37.94	ng	99
32) Benzoic acid	7.85	122	262530	44.56	ng	94
33) 4-Chloroaniline	8.09	127	605477	39.48	ng	# 93
34) Hexachlorobutadiene	8.14	225	227828	38.99	ng	99
35) Caprolactam	8.47	113	137747	37.81	ng	# 13
36) 4-Chloro-3-methylphenol	8.60	107	467837	41.09	ng	98
37) 2-Methylnaphthalene	8.72	142	912643	37.95	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.89	216	426451	43.66	ng	99
40) Hexachlorocyclopentadiene	8.87	237	146169	62.43	ng	98

Data Path : Z:\HPCHEM1\BNA F\DATA\BF031117\
 Data File : BF093565.D
 Acq On : 11 Mar 2017 14:18
 Operator : SJ/MA
 Sample : SSTDC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleID :
 SSTDC040

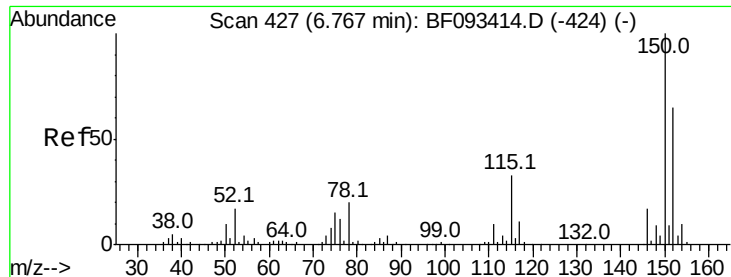
Manual Integrations
 APPROVED

mohammad
 3/15/2017 5:31:00 PM

Quant Time: Mar 13 16:25:50 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF030717.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 13 15:05:08 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.02	196	268813	44.05	nq	94
43) 2,4,5-Trichlorophenol	9.06	196	287383	43.89	nq	91
45) 1,1'-Biphenyl	9.19	154	1113275	42.72	nq	99
46) 2-Chloronaphthalene	9.21	162	917993	46.02	nq	99
47) 2-Nitroaniline	9.33	65	361884	51.32	nq	# 85
48) Acenaphthylene	9.62	152	1433554	43.58	nq	98
49) Dimethylphthalate	9.50	163	1028657	43.38	nq	100
50) 2,6-Dinitrotoluene	9.57	165	259471	49.86	nq	95
51) Acenaphthene	9.80	154	847291	43.56	nq	96
52) 3-Nitroaniline	9.74	138	282008	45.11	nq	100
53) 2,4-Dinitrophenol	9.86	184	113637	47.95	nq	# 69
54) Dibenzofuran	9.97	168	1158986	47.60	nq	96
55) 4-Nitrophenol	9.93	139	153135m	50.43	nq	
56) 2,4-Dinitrotoluene	9.98	165	312817	48.93	nq	# 84
57) Fluorene	10.31	166	959526	46.51	nq	98
58) 2,3,4,6-Tetrachlorophenol	10.09	232	209955	45.43	nq	99
59) Diethylphthalate	10.18	149	947468	41.80	nq	99
60) 4-Chlorophenyl-phenylether	10.30	204	437776	47.34	nq	# 86
61) 4-Nitroaniline	10.36	138	261495	40.90	nq	98
62) Azobenzene	10.46	77	1244163	48.31	nq	96
64) 4,6-Dinitro-2-methylphenol	10.39	198	149361	35.65	nq	# 68
65) n-Nitrosodiphenylamine	10.42	169	833361	38.60	nq	98
66) 4-Bromophenyl-phenylether	10.79	248	258184	37.76	nq	# 80
67) Hexachlorobenzene	10.86	284	253516	38.83	nq	98
68) Atrazine	10.95	200	235071	37.20	nq	99
69) Pentachlorophenol	11.06	266	124608	55.28	nq	97
70) Phenanthrene	11.27	178	1447571	39.22	nq	98
71) Anthracene	11.32	178	1396014	37.39	nq	100
72) Carbazole	11.49	167	1478658	42.16	nq	98
73) Di-n-butylphthalate	11.81	149	1696719	41.81	nq	# 97
74) Fluoranthene	12.46	202	1406296	39.45	nq	92
76) Benzidine	12.59	184	674078	40.95	nq	97
77) Pyrene	12.68	202	1440001	39.55	nq	100
79) Butylbenzylphthalate	13.29	149	642911	41.95	nq	96
80) Benzo(a)anthracene	13.87	228	1159576	39.23	nq	99
81) 3,3'-Dichlorobenzidine	13.83	252	418334	40.41	nq	97
82) Chrysene	13.91	228	1199654	43.86	nq	99
83) Bis(2-ethylhexyl)phthalate	13.85	149	952816	44.61	nq	# 97
84) Di-n-octyl phthalate	14.46	149	1508674	42.38	nq	96
85) Indeno(1,2,3-cd)pyrene	16.62	276	888470	38.81	nq	# 94
87) Benzo(b)fluoranthene	14.89	252	1285334m	49.13	nq	
88) Benzo(k)fluoranthene	14.92	252	805653m	31.93	nq	
89) Benzo(a)pyrene	15.23	252	970895	40.61	nq	99
90) Dibenzo(a,h)anthracene	16.62	278	770502	38.95	nq	96
91) Benzo(g,h,i)perylene	17.02	276	778887	38.37	nq	# 91

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



#1

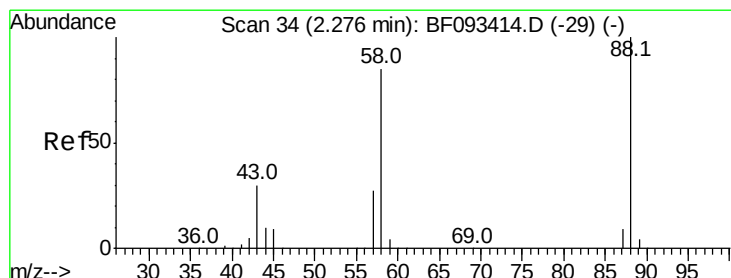
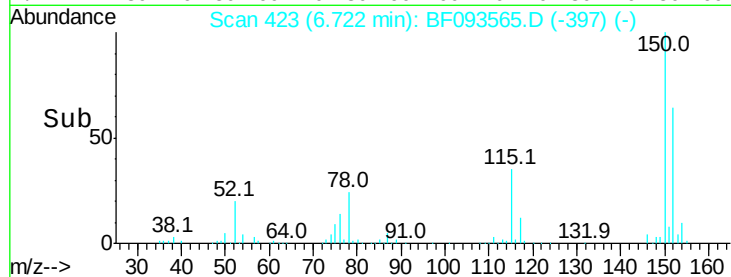
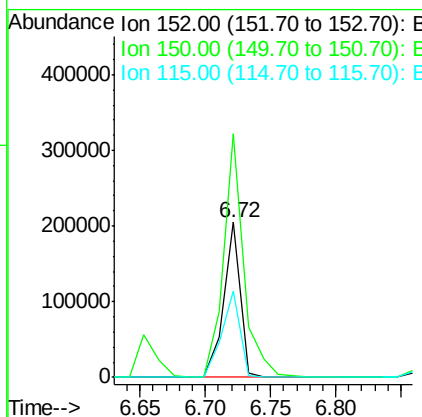
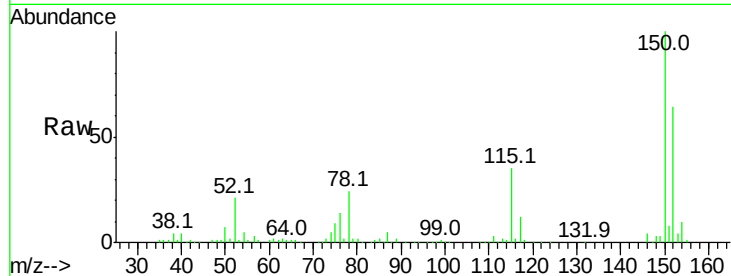
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.72 min Scan# 423
Delta R.T. 0.00 min
Lab File: BF093565.D
Acq: 11 Mar 2017 14:18

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.4	124.9	187.3
115	55.7	46.0	69.0

Manual Integrations
APPROVED

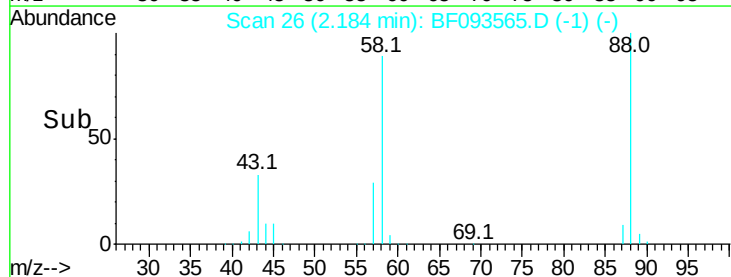
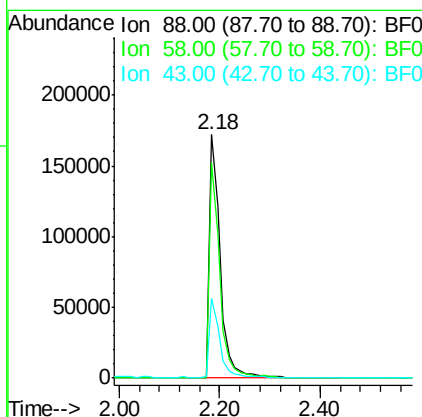
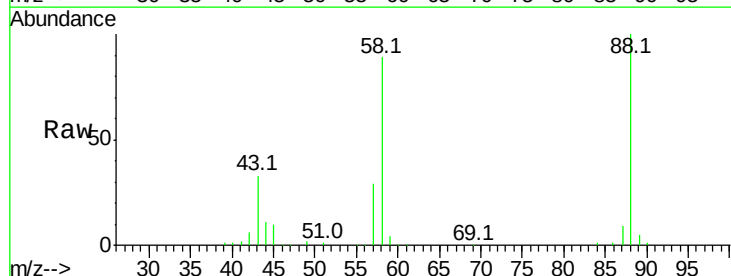
mohammad
3/15/2017 5:31:00 PM

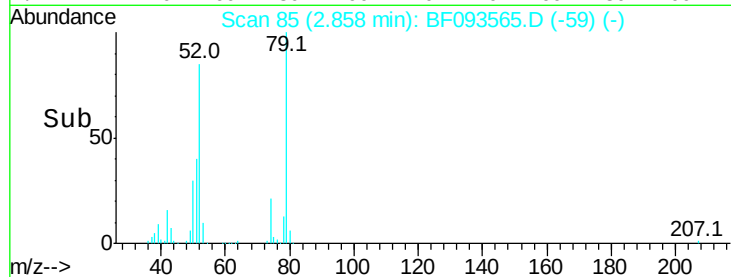
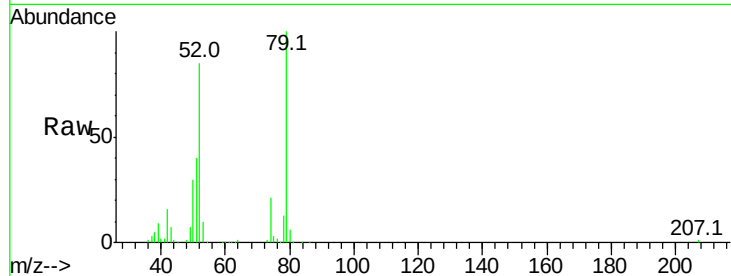
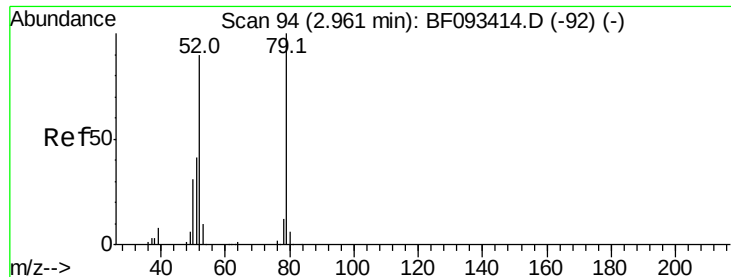


#2

1,4-Dioxane
Concen: 43.38 ng
RT: 2.18 min Scan# 26
Delta R.T. 0.00 min
Lab File: BF093565.D
Acq: 11 Mar 2017 14:18

Tgt Ion	Ratio	Lower	Upper
88	100		
58	85.3	57.8	86.8
43	30.6	22.3	33.5





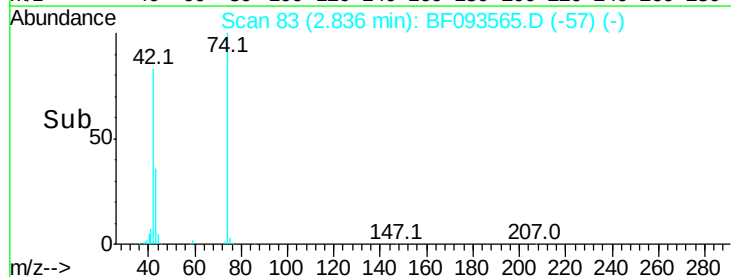
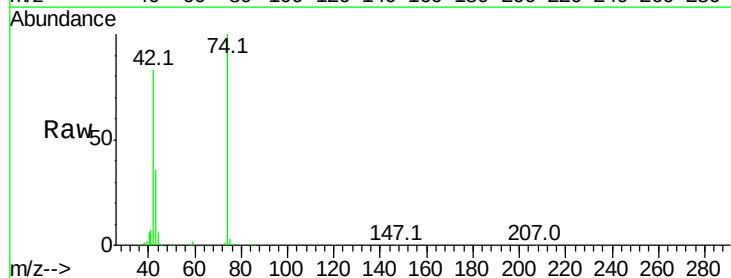
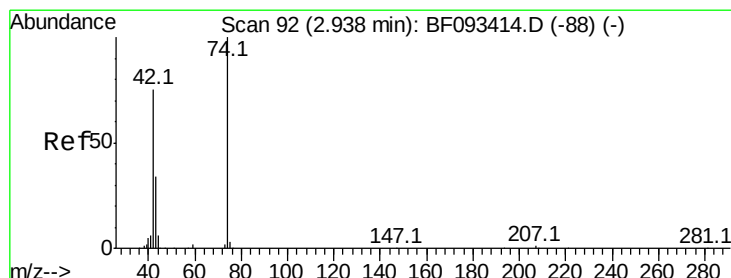
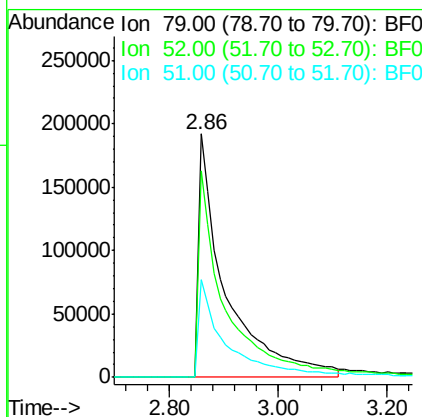
#3
Pvridine
Concen: 43.08 ng
RT: 2.86 min Scan# 85
Delta R.T. 0.00 min
Lab File: BF093565.D
Acq: 11 Mar 2017 14:18

Tot Ion	Ratio	Lower	Upper
79	100		
52	84.8	57.1	85.7
51	40.3	27.3	40.9

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

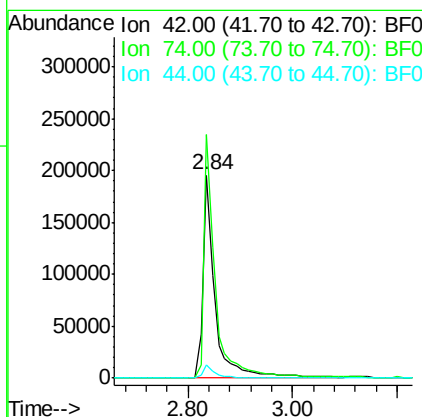
Manual Integrations
APPROVED

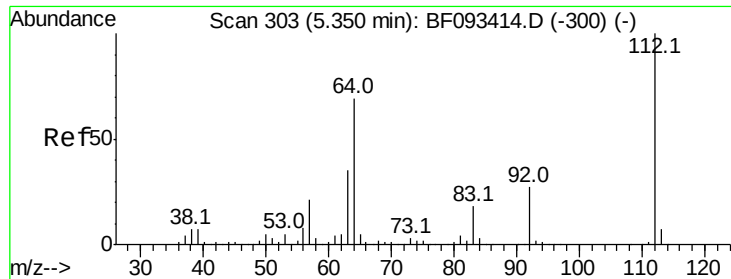
mohammad
3/15/2017 5:31:00 PM



#4
n-Nitrosodimethylamine
Concen: 43.40 ng
RT: 2.84 min Scan# 83
Delta R.T. 0.00 min
Lab File: BF093565.D
Acq: 11 Mar 2017 14:18

Tgt Ion	Ratio	Lower	Upper
42	100		
74	119.8	117.0	175.4
44	6.7	5.5	8.3





#5

2-Fluorophenol

Concen: 87.45 ng

RT: 5.32 min Scan# 300

Delta R.T. 0.00 min

Lab File: BF093565.D

Acq: 11 Mar 2017 14:18

Instrument :

BNA_F

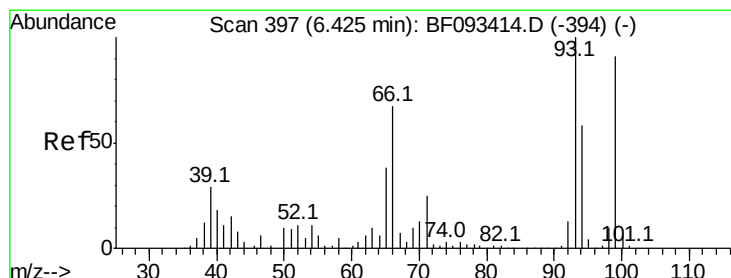
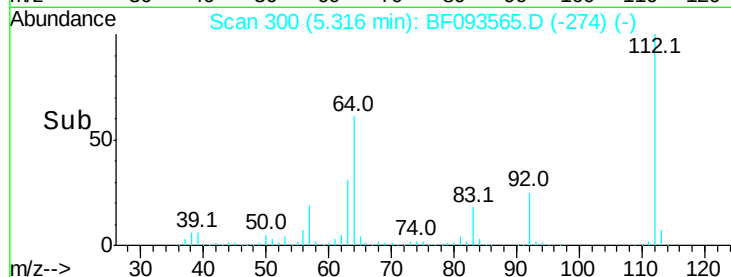
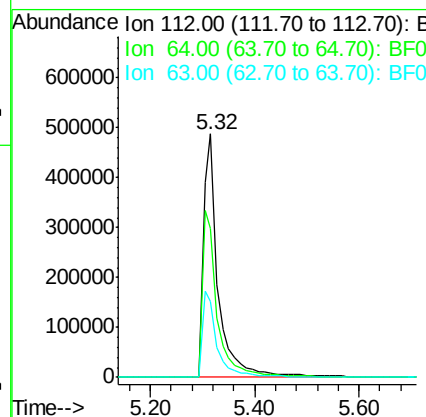
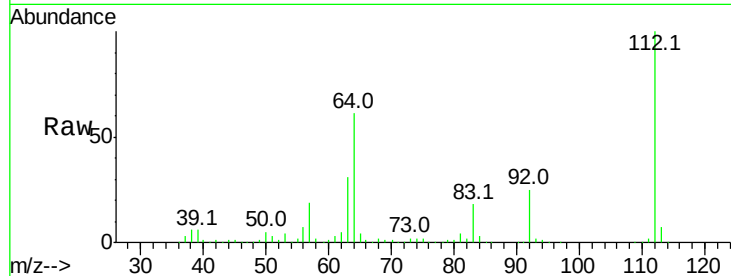
ClientSampleId :

SSTDCCC040

Tot Ion:	112	Resp:	958493
Ion Ratio	Lower	Upper	
112	100		
64	61.1	46.1	69.1
63	31.4	23.8	35.6

Manual Integrations
APPROVED

mohammad
3/15/2017 5:31:00 PM



#6

Aniline

Concen: 39.77 ng

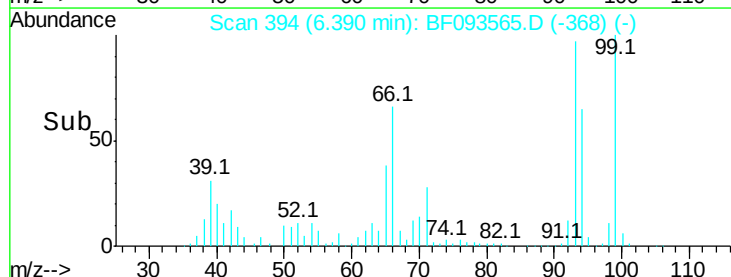
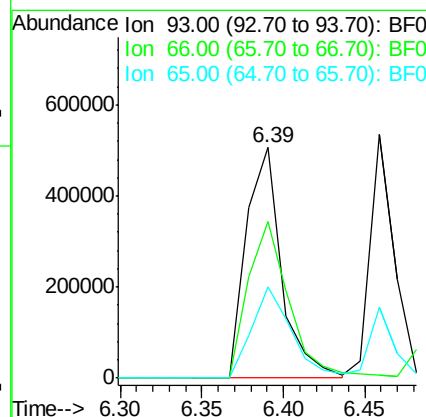
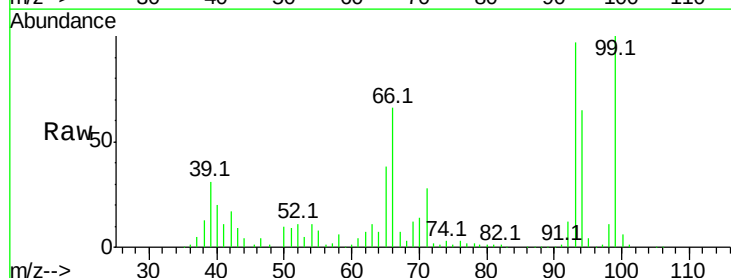
RT: 6.39 min Scan# 394

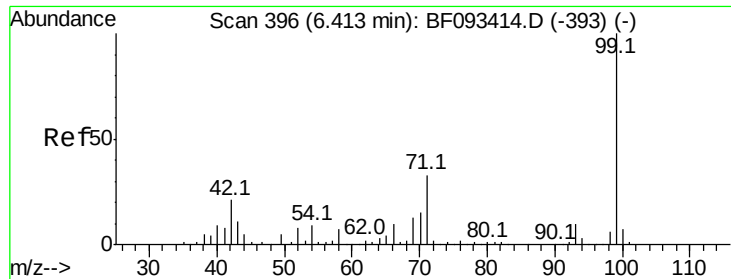
Delta R.T. 0.00 min

Lab File: BF093565.D

Acq: 11 Mar 2017 14:18

Tgt Ion:	93	Resp:	754358
Ion Ratio	Lower	Upper	
93	100		
66	68.2	76.2	114.2#
65	39.5	49.3	73.9#





#7

Phenol-d6

Concen: 78.58 ng

RT: 6.38 min Scan# 393

Delta R.T. 0.00 min

Lab File: BF093565.D

Acq: 11 Mar 2017 14:18

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion: 99 Resp: 1086050

Ion Ratio Lower Upper

99 100

42 23.4 15.6 23.4#

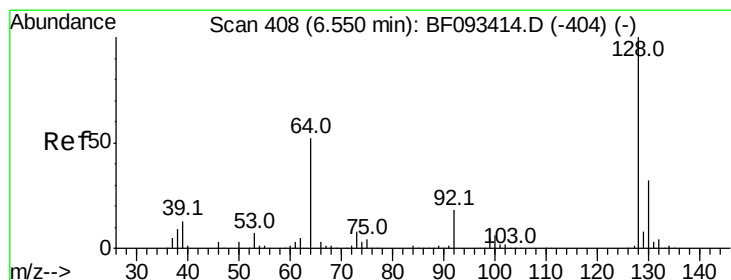
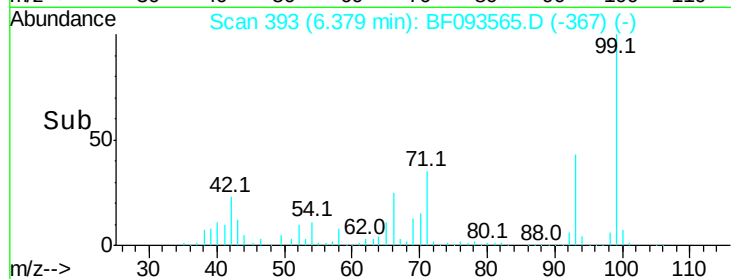
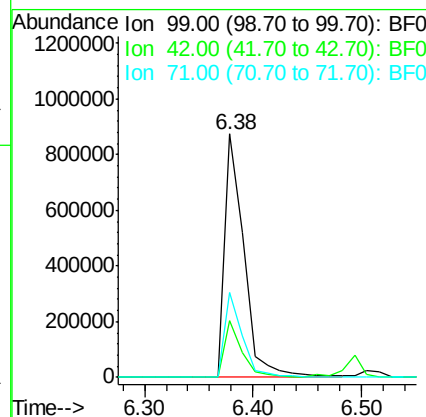
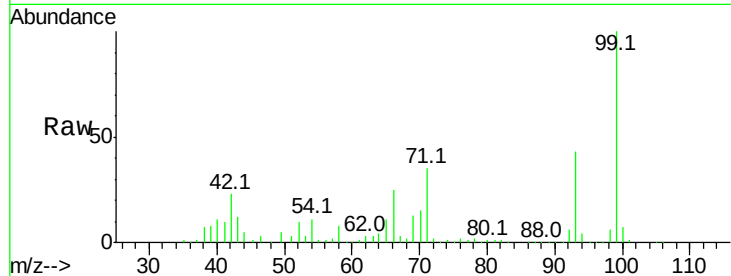
71 34.9 27.5 41.3

Manual Integrations

APPROVED

mohammad

3/15/2017 5:31:00 PM



#8

2-Chlorophenol

Concen: 40.66 ng

RT: 6.50 min Scan# 404

Delta R.T. 0.00 min

Lab File: BF093565.D

Acq: 11 Mar 2017 14:18

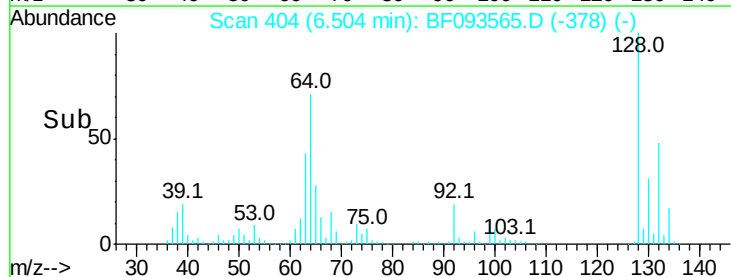
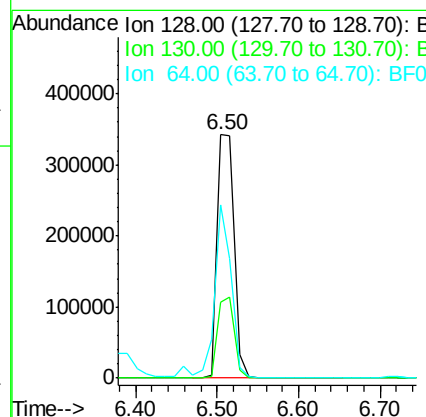
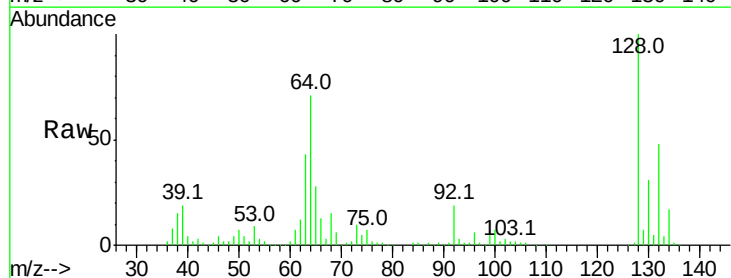
Tgt Ion: 128 Resp: 499293

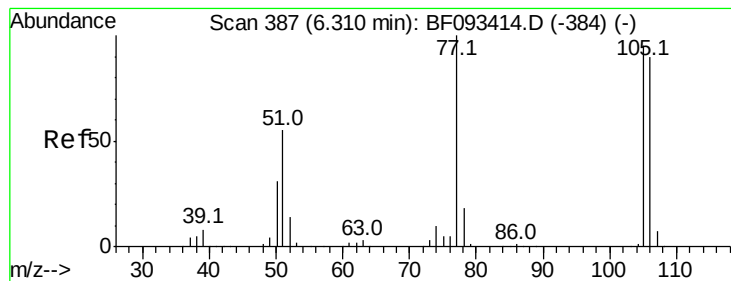
Ion Ratio Lower Upper

128 100

130 31.1 12.3 52.3

64 71.1 32.2 72.2





#9

Benzaldehyde

Concen: 43.64 ng

RT: 6.28 min Scan# 384

Delta R.T. 0.00 min

Lab File: BF093565.D

Acq: 11 Mar 2017 14:18

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion: 77 Resp: 355172

Ion Ratio Lower Upper

77 100

105 97.0 83.9 123.9

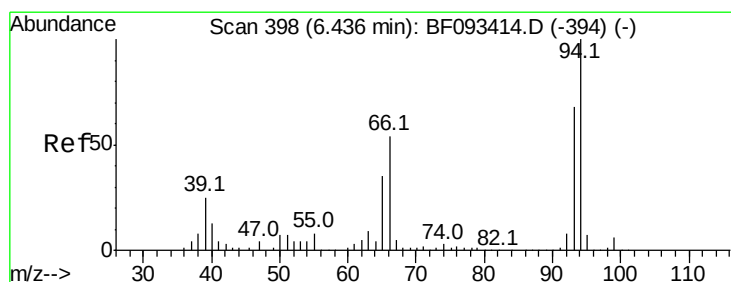
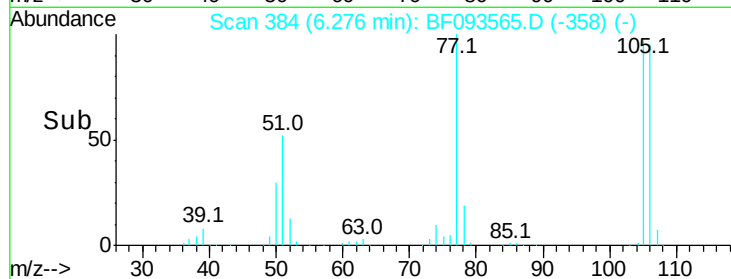
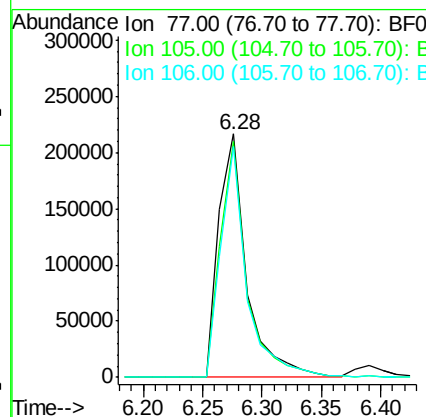
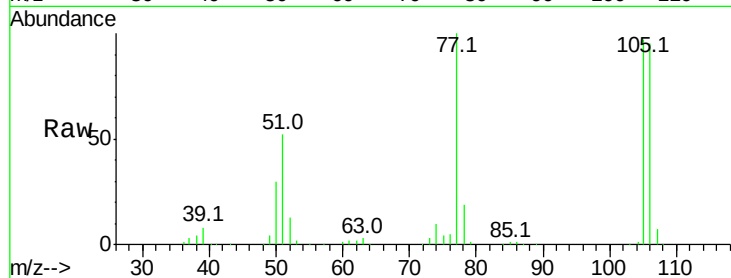
106 94.6 77.6 117.6

Manual Integrations

APPROVED

mohammad

3/15/2017 5:31:00 PM



#10

Phenol

Concen: 42.50 ng

RT: 6.40 min Scan# 395

Delta R.T. 0.00 min

Lab File: BF093565.D

Acq: 11 Mar 2017 14:18

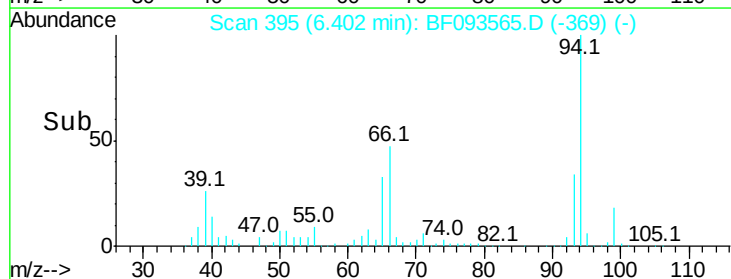
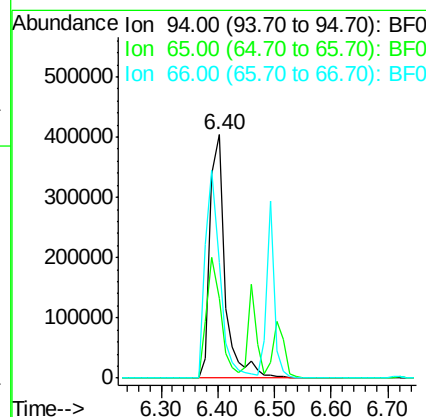
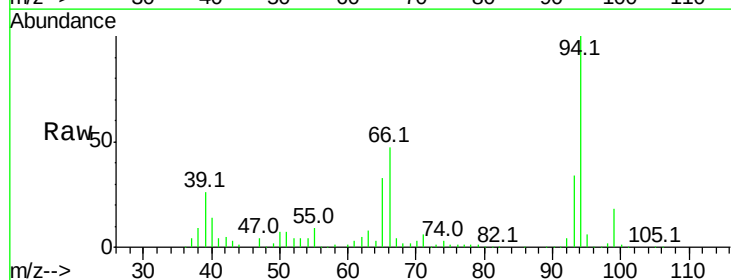
Tgt Ion: 94 Resp: 719731

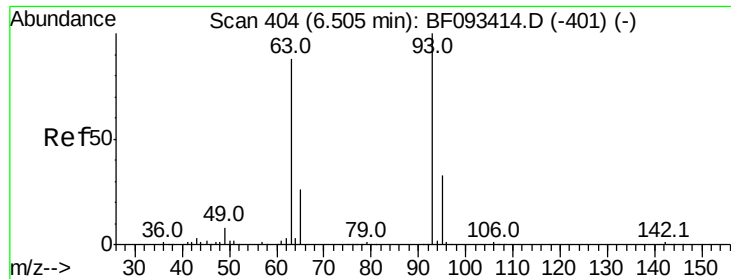
Ion Ratio Lower Upper

94 100

65 32.6 21.4 61.4

66 47.3 44.0 84.0





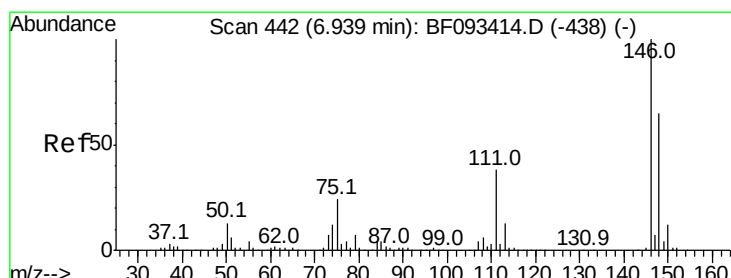
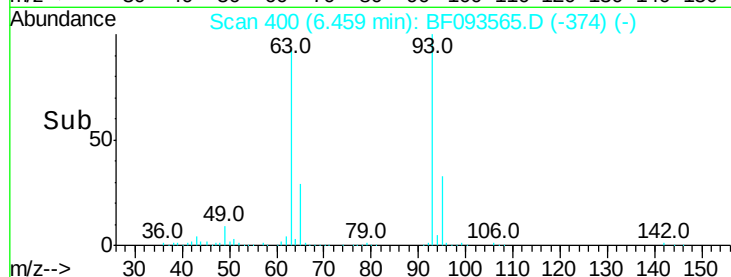
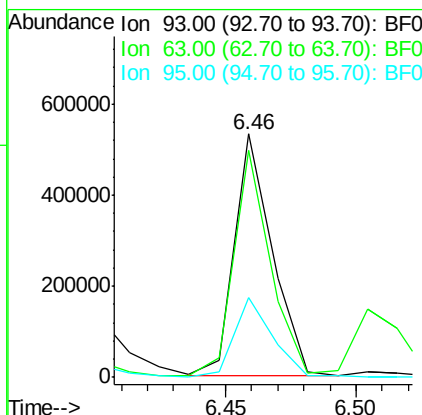
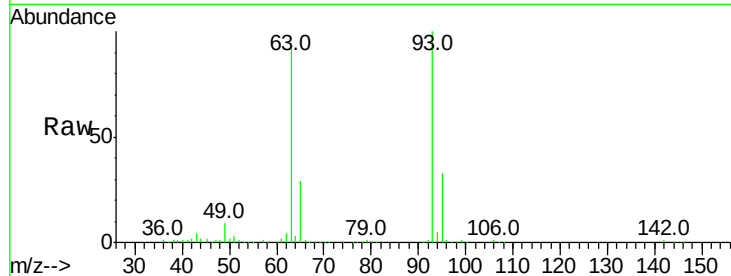
#11
bis(2-Chloroethyl)ether
Concen: 39.32 ng
RT: 6.46 min Scan# 400
Delta R.T. 0.00 min
Lab File: BF093565.D
Acq: 11 Mar 2017 14:18

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
93	100		
63	93.3	60.4	100.4
95	32.9	12.8	52.8

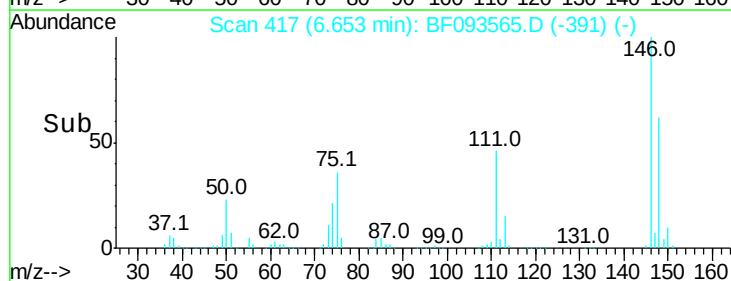
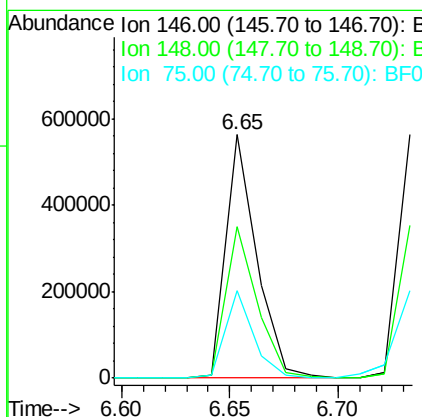
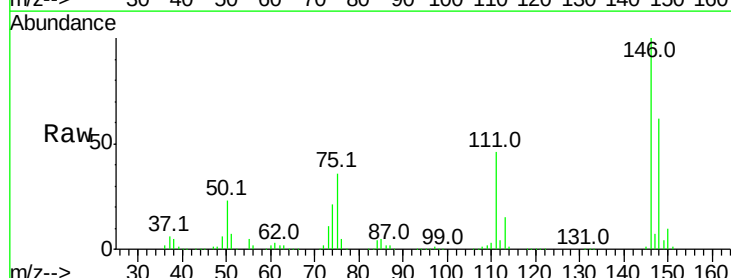
Manual Integrations
APPROVED

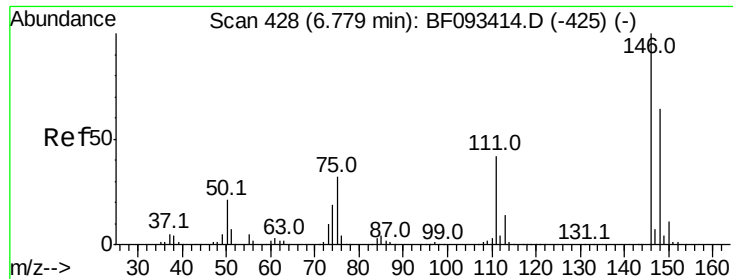
mohammad
3/15/2017 5:31:00 PM



#12
1,3-Dichlorobenzene
Concen: 39.70 ng m
RT: 6.65 min Scan# 417
Delta R.T. 0.00 min
Lab File: BF093565.D
Acq: 11 Mar 2017 14:18

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.3	53.4	80.0
75	36.2	18.5	27.7





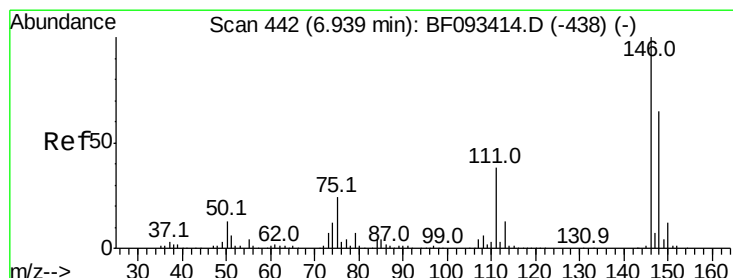
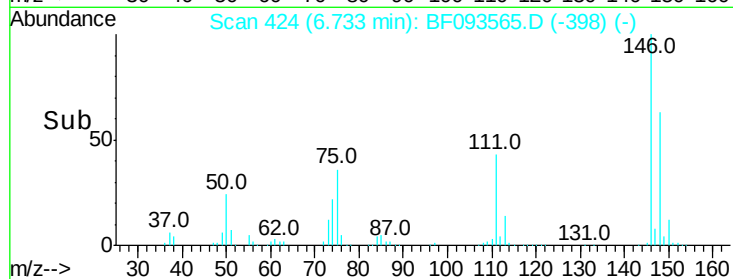
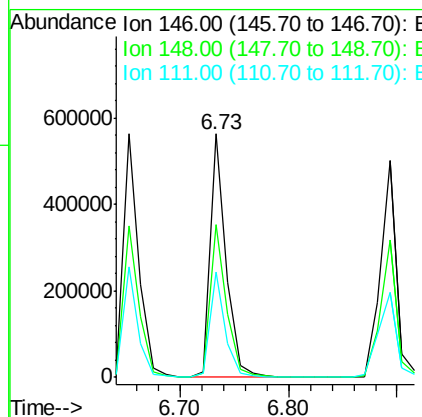
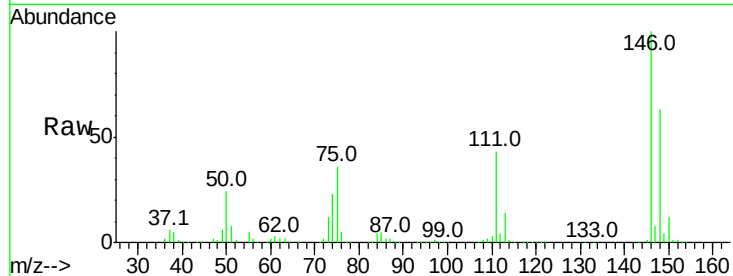
#13
 1,4-Dichlorobenzene
 Concen: 40.27 ng
 RT: 6.73 min Scan# 424
 Delta R.T. 0.00 min
 Lab File: BF093565.D
 Acq: 11 Mar 2017 14:18

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
146	100		
148	62.9	50.6	76.0
111	43.5	36.2	54.4

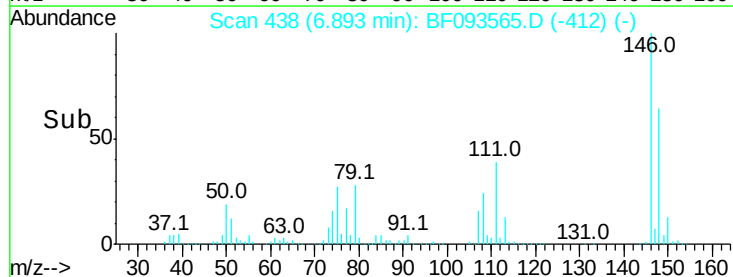
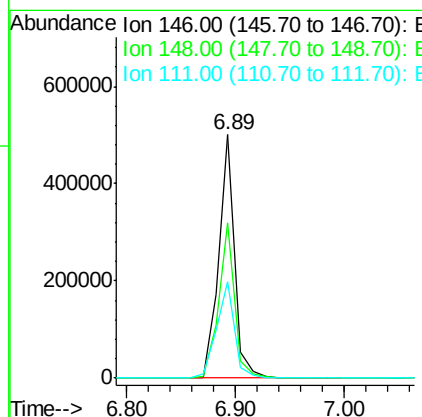
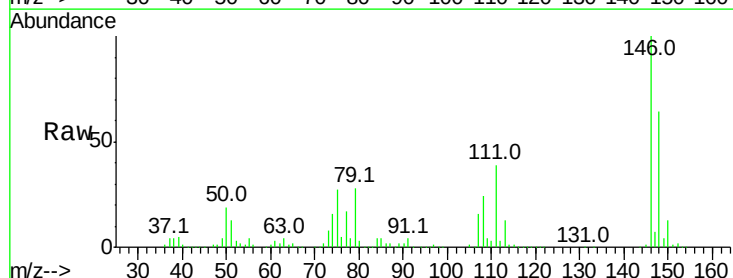
Manual Integrations
 APPROVED

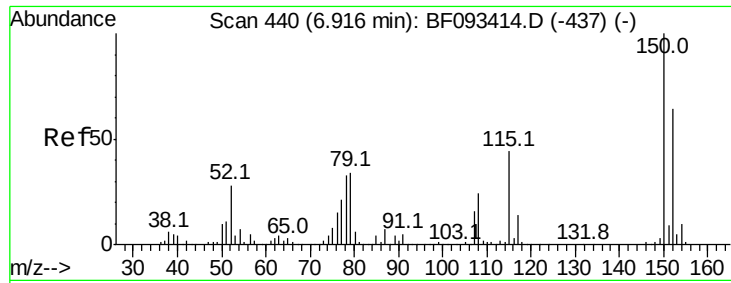
mohammad
 3/15/2017 5:31:00 PM



#14
 1,2-Dichlorobenzene
 Concen: 40.34 ng
 RT: 6.89 min Scan# 438
 Delta R.T. 0.00 min
 Lab File: BF093565.D
 Acq: 11 Mar 2017 14:18

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.5	52.2	78.2
111	39.4	36.2	54.2





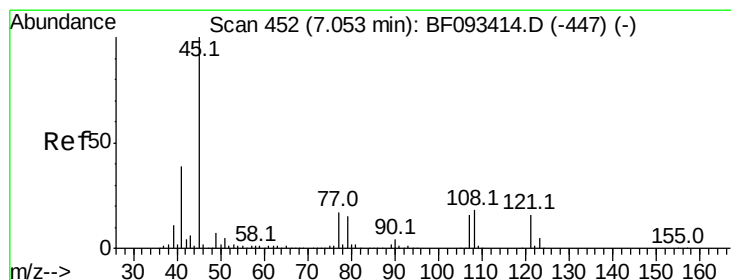
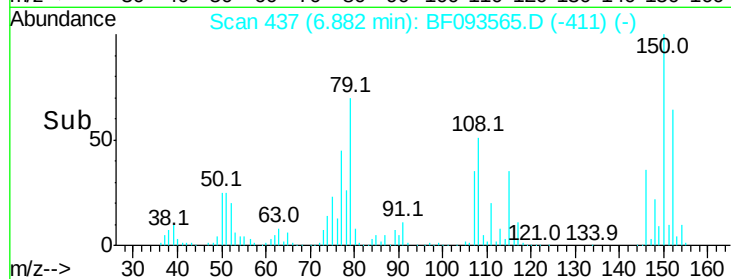
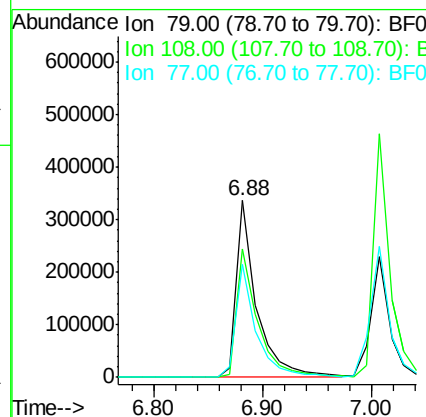
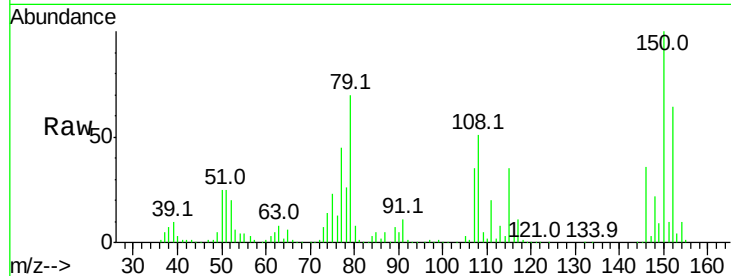
#15
Benzyl Alcohol
Concen: 43.69 ng
RT: 6.88 min Scan# 437
Delta R.T. 0.00 min
Lab File: BF093565.D
Acq: 11 Mar 2017 14:18

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
79	100		
108	73.1	61.4	92.0
77	64.3	50.9	76.3

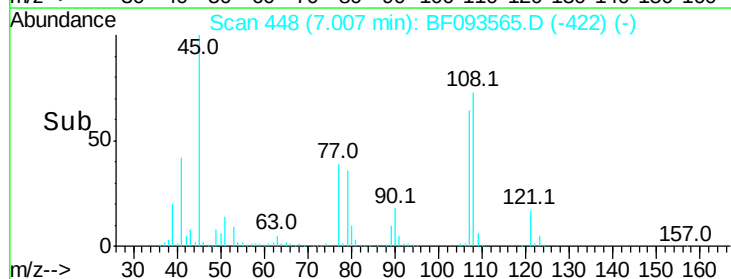
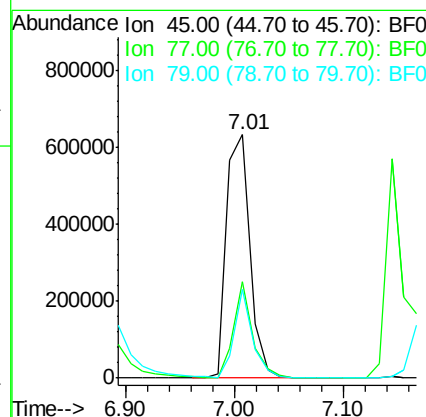
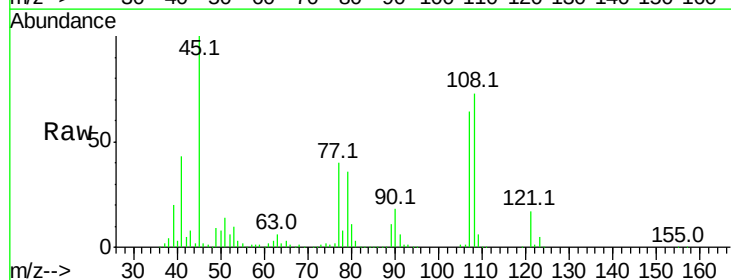
Manual Integrations
APPROVED

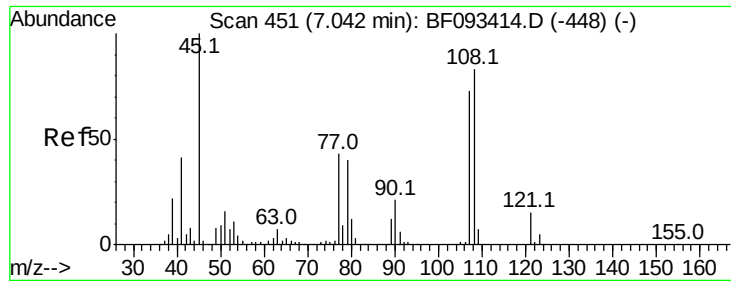
mohammad
3/15/2017 5:31:00 PM



#16
2,2'-oxybis(1-Chloropropane)
Concen: 41.65 ng
RT: 7.01 min Scan# 448
Delta R.T. 0.00 min
Lab File: BF093565.D
Acq: 11 Mar 2017 14:18

Tgt Ion	Ratio	Lower	Upper
45	100		
77	39.5	0.0	34.6#
79	36.5	0.0	31.2#





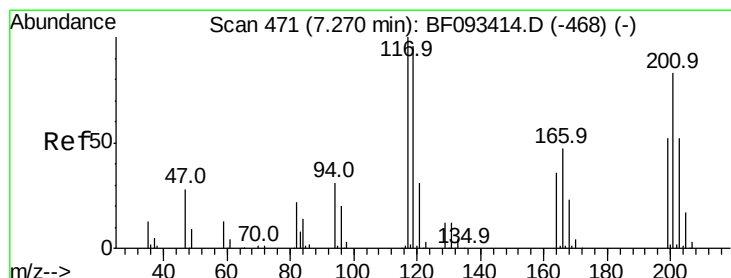
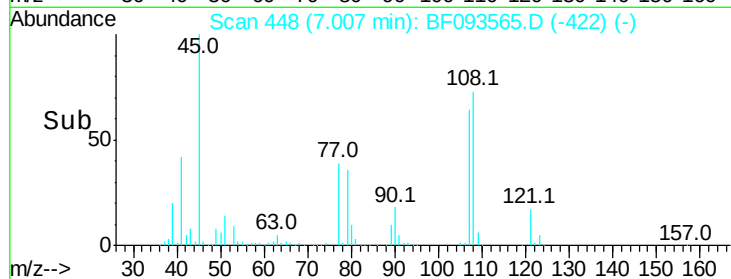
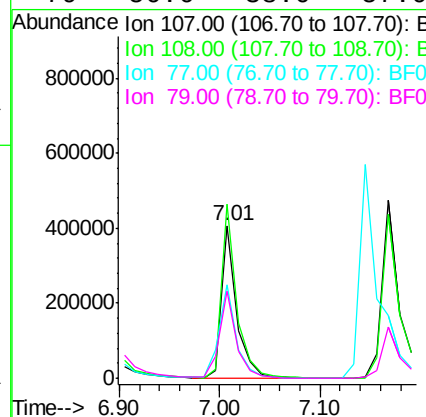
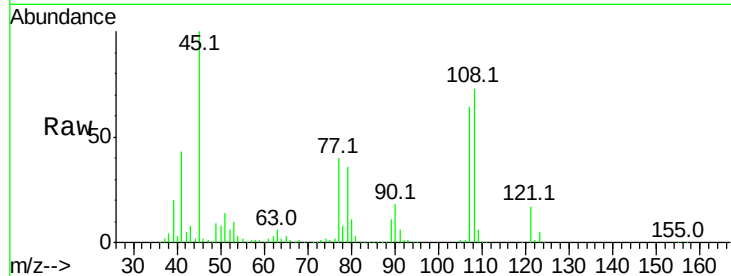
#17
2-Methylphenol
Concen: 40.71 ng
RT: 7.01 min Scan# 448
Delta R.T. 0.00 min
Lab File: BF093565.D
Acq: 11 Mar 2017 14:18

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	113.6	93.0	139.6	
77	61.3	39.8	59.8	
79	56.6	38.0	57.0	

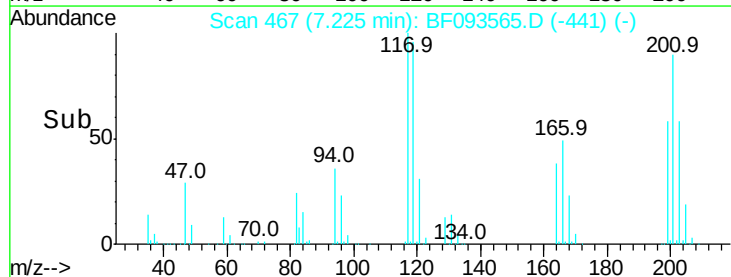
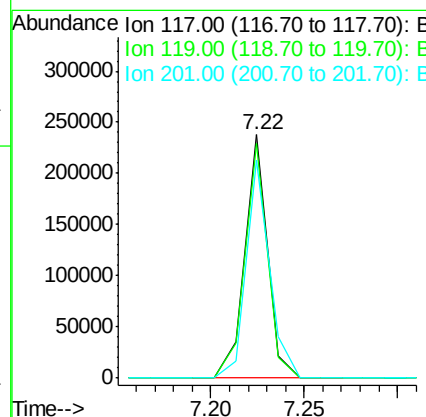
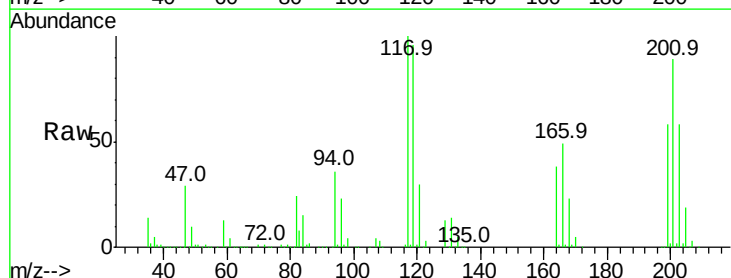
Manual Integrations
APPROVED

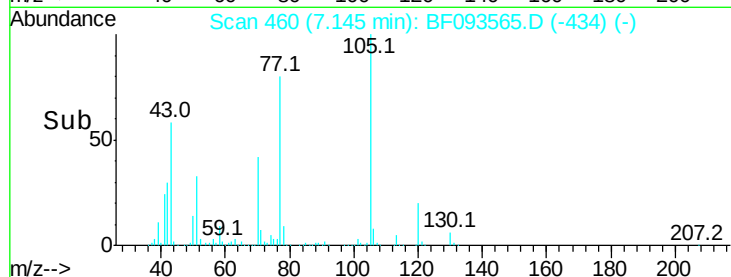
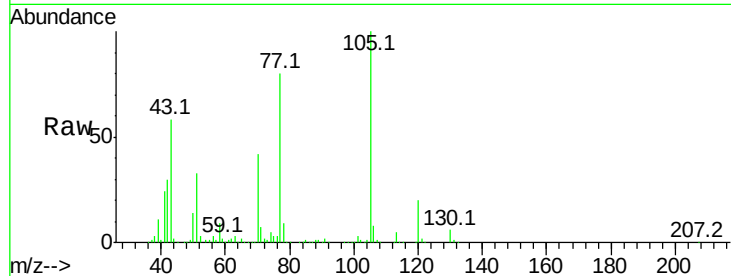
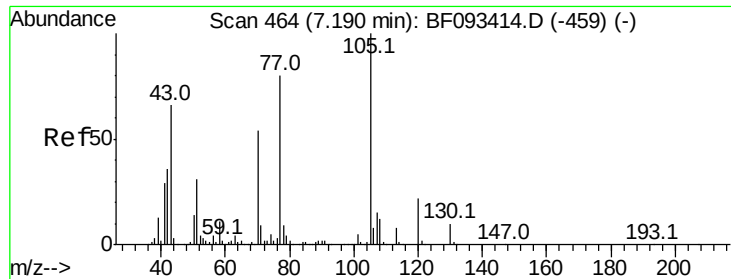
mohammad
3/15/2017 5:31:00 PM



#18
Hexachloroethane
Concen: 41.83 ng
RT: 7.22 min Scan# 467
Delta R.T. 0.00 min
Lab File: BF093565.D
Acq: 11 Mar 2017 14:18

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	96.2	78.1	117.1	
201	89.5	78.6	117.8	





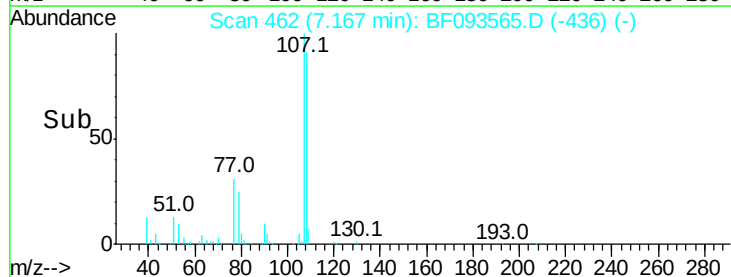
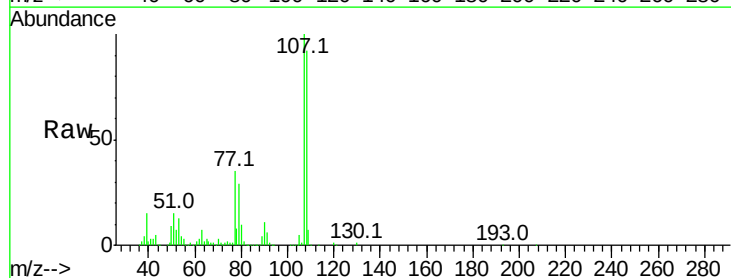
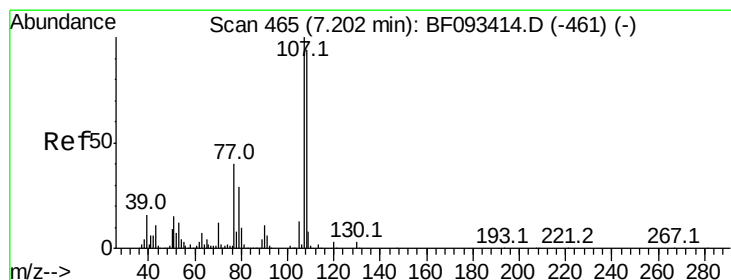
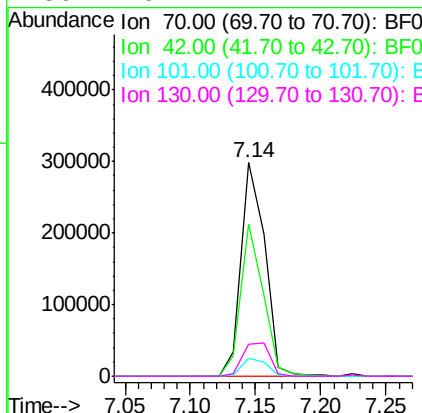
#19
n-Nitroso-di-n-propylamine
Concen: 39.89 ng
RT: 7.14 min Scan# 460
Delta R.T. 0.00 min
Lab File: BF093565.D
Acq: 11 Mar 2017 14:18

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
70	100		
42	71.3	49.4	74.0
101	8.2	7.4	11.2
130	15.1	14.2	21.4

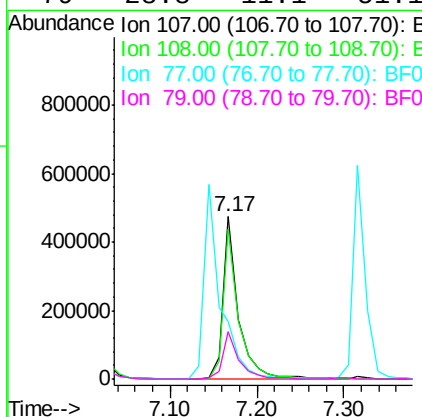
Manual Integrations
APPROVED

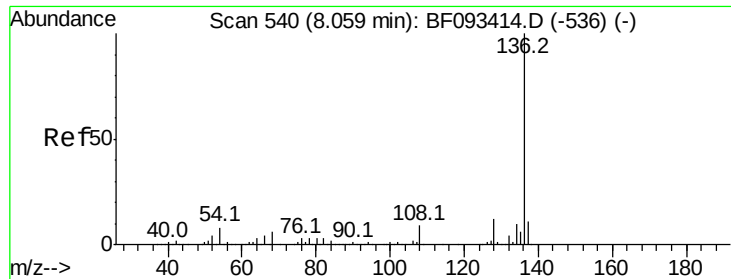
mohammad
3/15/2017 5:31:00 PM



#20
3+4-Methylphenols
Concen: 43.45 ng
RT: 7.17 min Scan# 462
Delta R.T. 0.00 min
Lab File: BF093565.D
Acq: 11 Mar 2017 14:18

Tgt Ion	Ratio	Lower	Upper
107	100		
108	92.0	73.0	113.0
77	35.3	71.3	111.3#
79	28.8	11.1	51.1





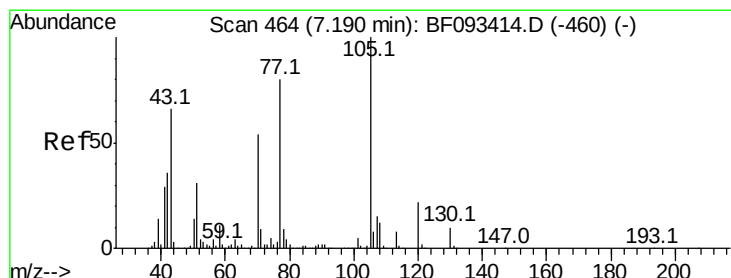
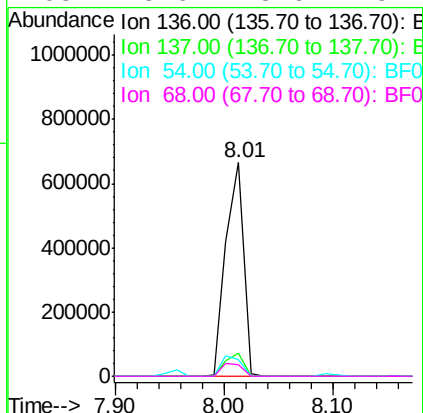
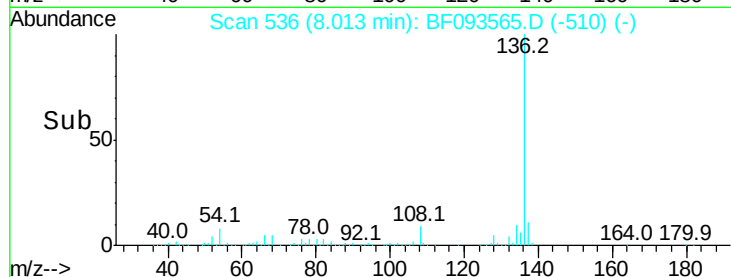
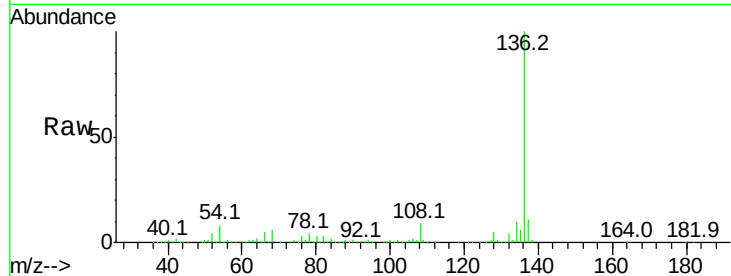
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.01 min Scan# 536
Delta R.T. 0.00 min
Lab File: BF093565.D
Acq: 11 Mar 2017 14:18

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	10.5	8.4	12.6	
54	7.6	4.5	6.7#	
68	5.6	3.6	5.4#	

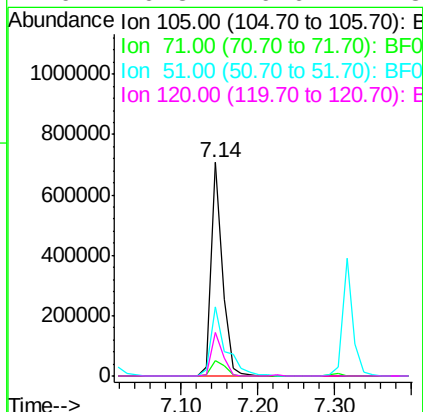
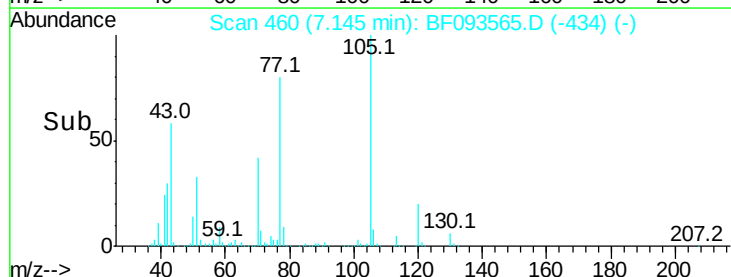
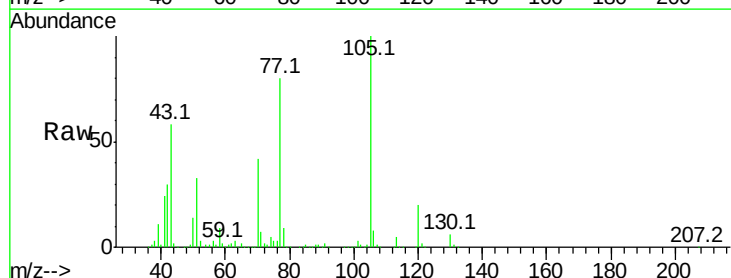
Manual Integrations
APPROVED

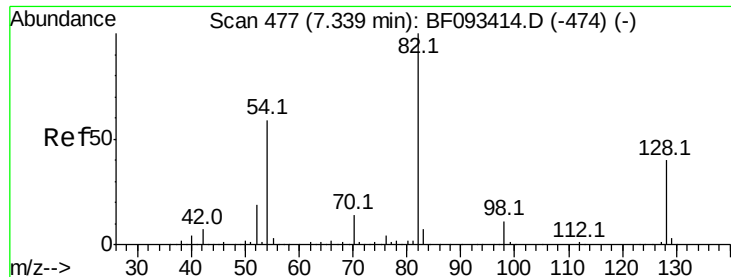
mohammad
3/15/2017 5:31:00 PM



#22
Acetophenone
Concen: 39.34 ng
RT: 7.14 min Scan# 460
Delta R.T. 0.00 min
Lab File: BF093565.D
Acq: 11 Mar 2017 14:18

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	7.2	3.2	4.8#	
51	32.5	26.2	39.4	
120	20.3	16.6	24.8	





#23
 Nitrobenzene-d5
 Concen: 85.69 ng
 RT: 7.30 min Scan# 474
 Delta R.T. 0.00 min
 Lab File: BF093565.D
 Acq: 11 Mar 2017 14:18

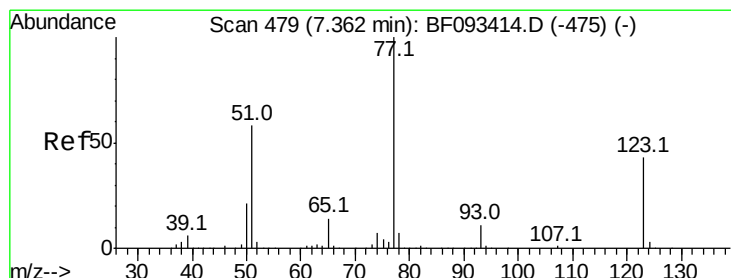
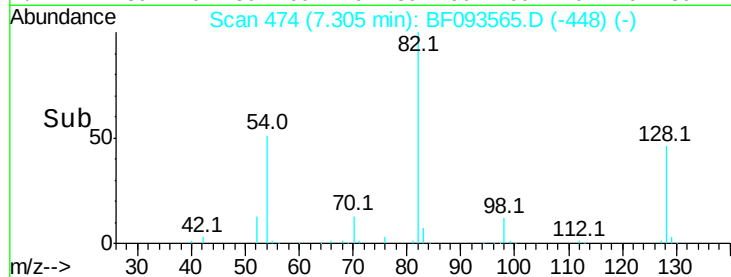
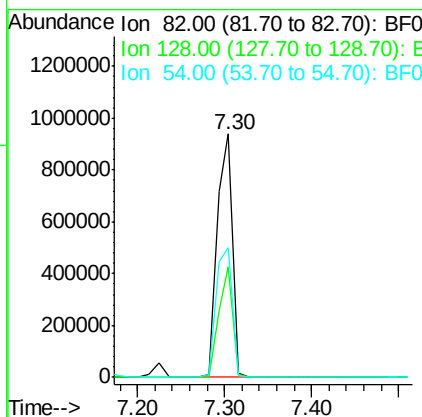
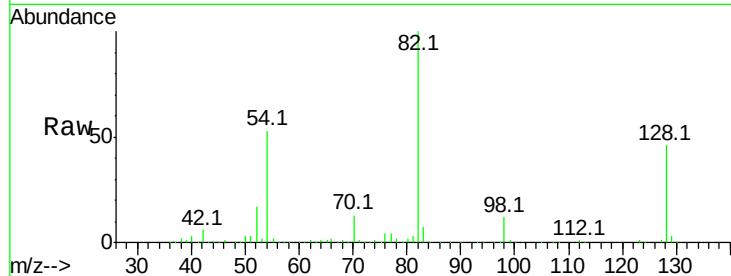
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion: 82 Resp: 1164756

Ion	Ratio	Lower	Upper
82	100		
128	45.6	34.6	52.0
54	53.4	39.5	59.3

Manual Integrations
 APPROVED

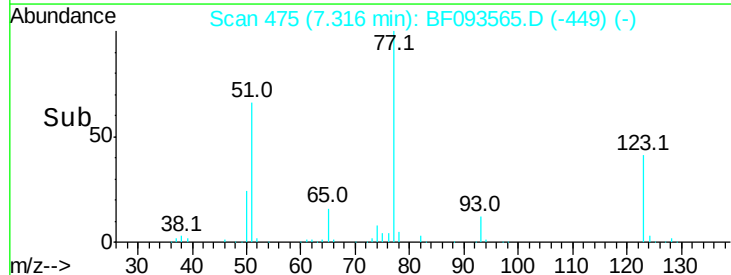
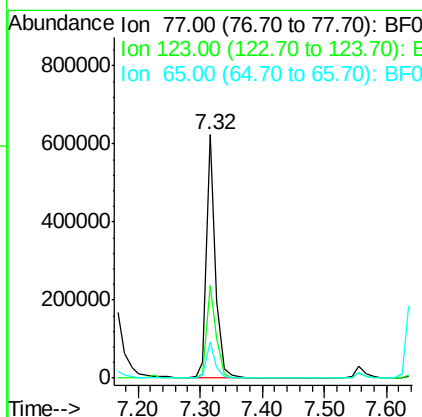
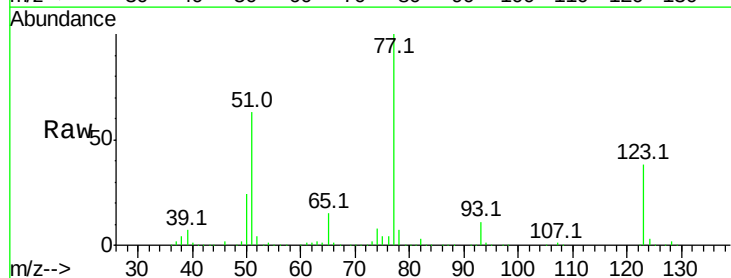
mohammad
 3/15/2017 5:31:00 PM

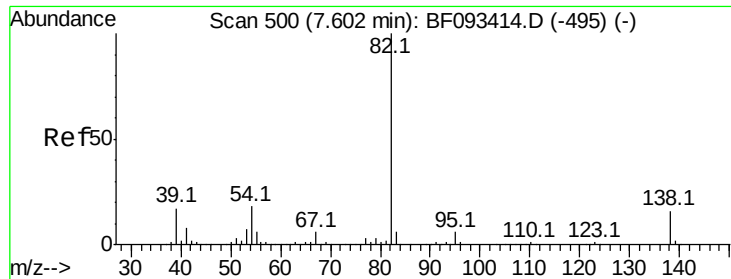


#24
 Nitrobenzene
 Concen: 40.68 ng
 RT: 7.32 min Scan# 475
 Delta R.T. 0.00 min
 Lab File: BF093565.D
 Acq: 11 Mar 2017 14:18

Tgt Ion: 77 Resp: 621495

Ion	Ratio	Lower	Upper
77	100		
123	38.0	33.0	49.4
65	14.8	11.2	16.8





#25

Isophorone

Concen: 40.70 ng

RT: 7.56 min Scan# 496

Delta R.T. 0.00 min

Lab File: BF093565.D

Acq: 11 Mar 2017 14:18

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion: 82 Resp: 1115509

Ion Ratio Lower Upper

82 100

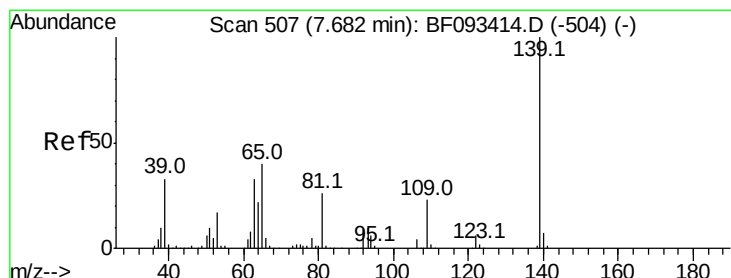
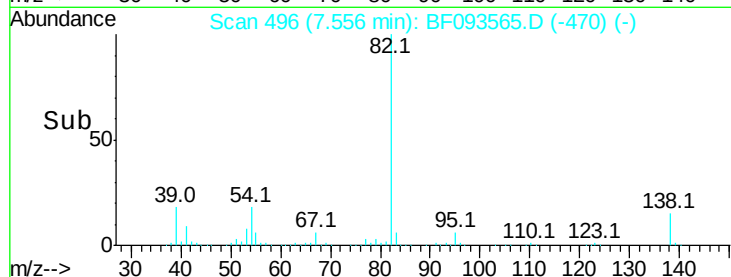
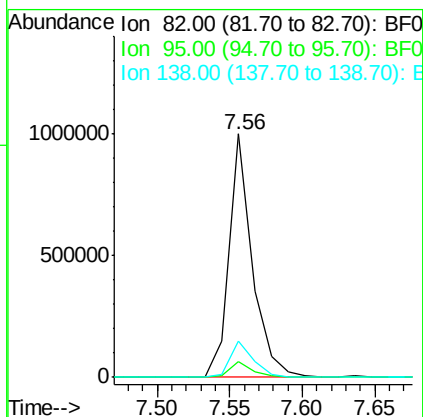
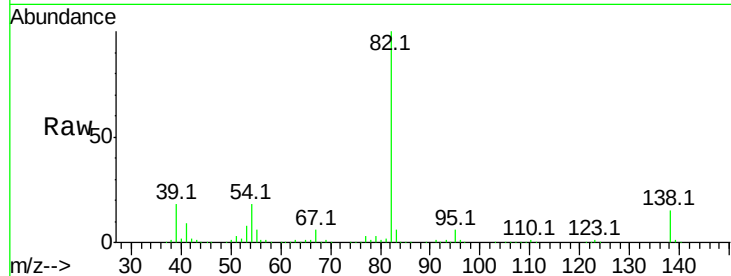
95 6.5 5.6 8.4

138 14.9 14.6 22.0

Manual Integrations
APPROVED

mohammad

3/15/2017 5:31:00 PM



#26

2-Nitrophenol

Concen: 42.46 ng

RT: 7.64 min Scan# 503

Delta R.T. 0.00 min

Lab File: BF093565.D

Acq: 11 Mar 2017 14:18

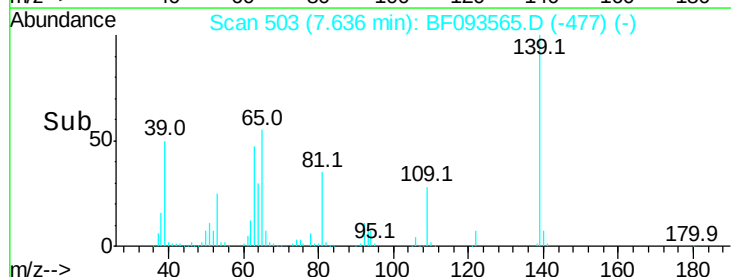
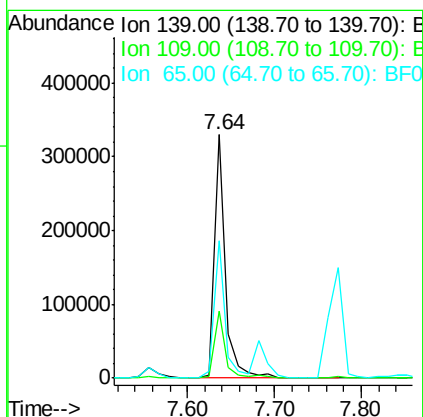
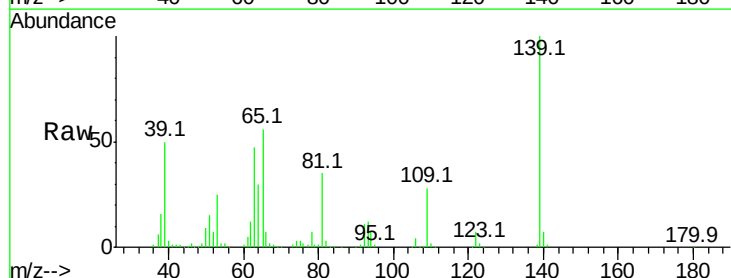
Tgt Ion: 139 Resp: 295941

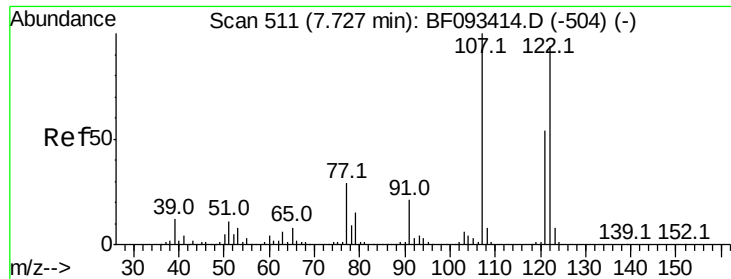
Ion Ratio Lower Upper

139 100

109 27.7 23.3 34.9

65 56.4 42.7 64.1





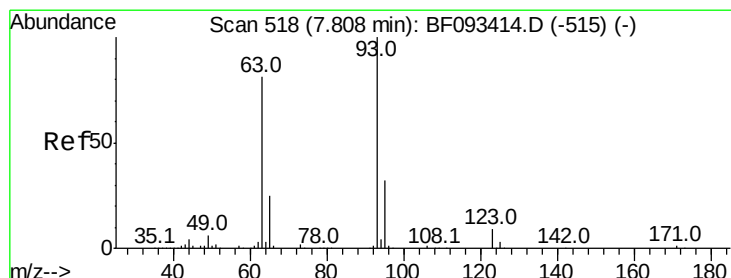
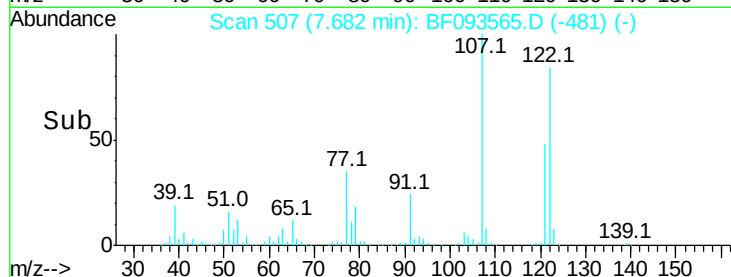
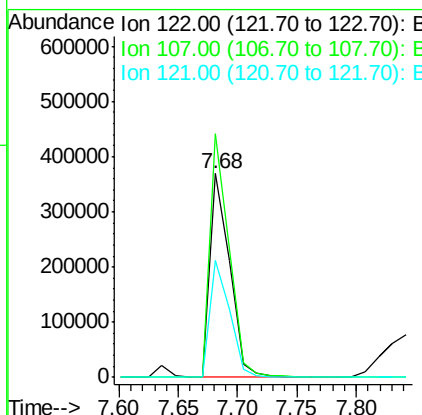
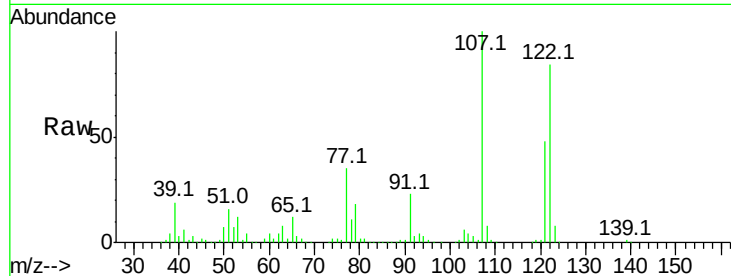
#27
2,4-Dimethylphenol
Concen: 37.12 ng
RT: 7.68 min Scan# 507
Delta R.T. 0.00 min
Lab File: BF093565.D
Acq: 11 Mar 2017 14:18

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
122	100		
107	119.7	94.1	141.1
121	57.6	46.0	69.0

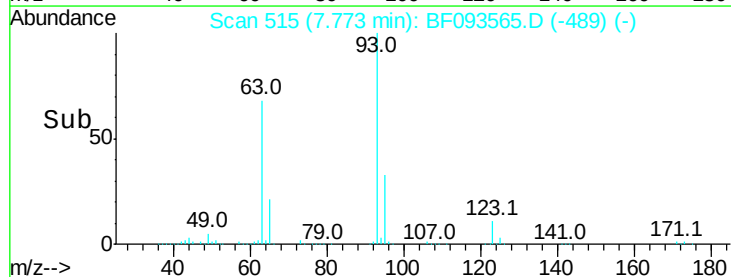
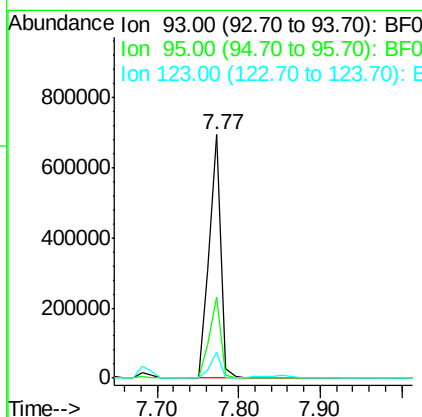
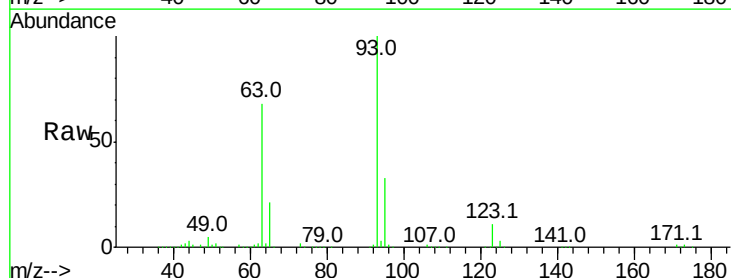
Manual Integrations
APPROVED

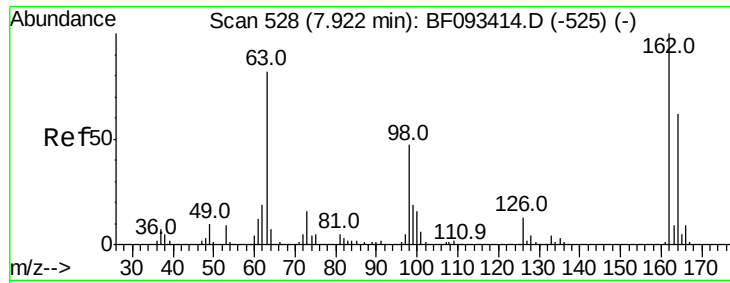
mohammad
3/15/2017 5:31:00 PM



#28
bis(2-Chloroethoxy)methane
Concen: 41.45 ng
RT: 7.77 min Scan# 515
Delta R.T. 0.00 min
Lab File: BF093565.D
Acq: 11 Mar 2017 14:18

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.3	26.5	39.7
123	10.7	8.6	13.0





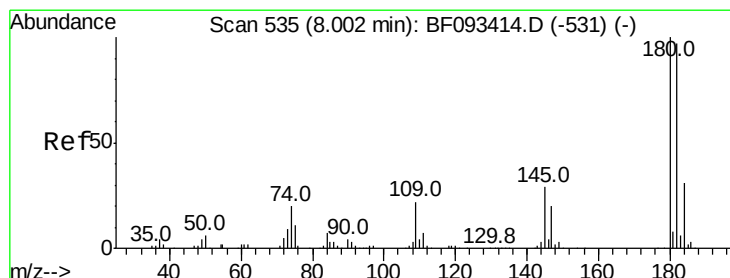
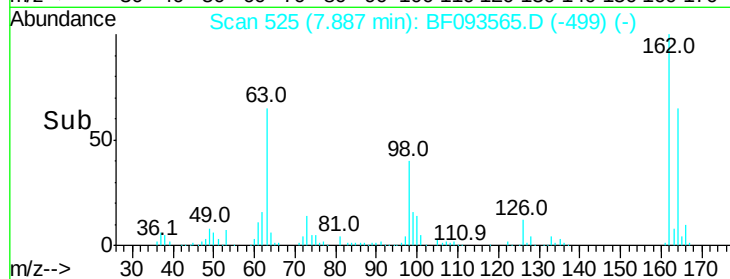
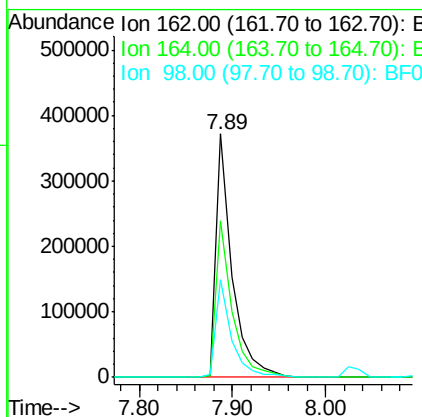
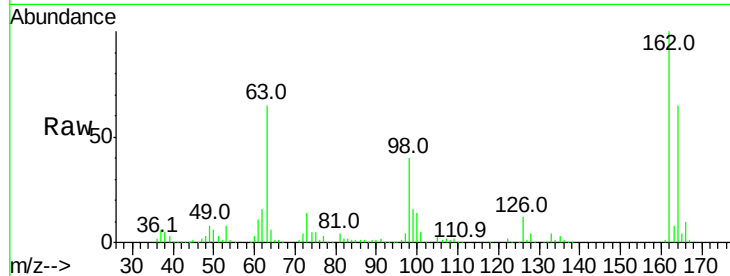
#29
 2,4-Dichlorophenol
 Concen: 41.48 ng
 RT: 7.89 min Scan# 525
 Delta R.T. 0.00 min
 Lab File: BF093565.D
 Acq: 11 Mar 2017 14:18

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:	162	Resp:	442511
Ion Ratio	Lower	Upper	
162	100		
164	64.6	46.8	86.8
98	39.9	9.1	49.1

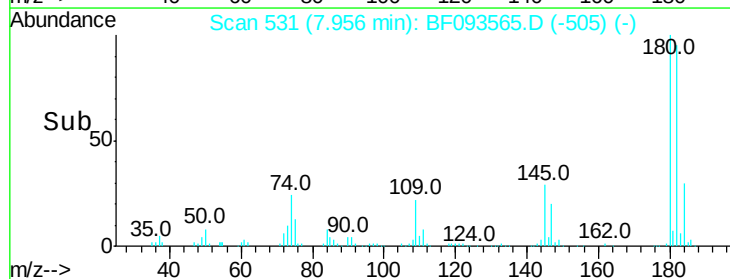
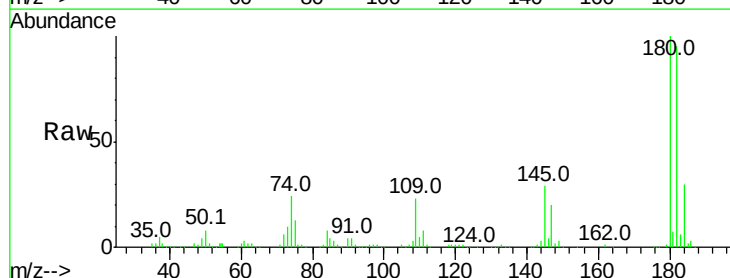
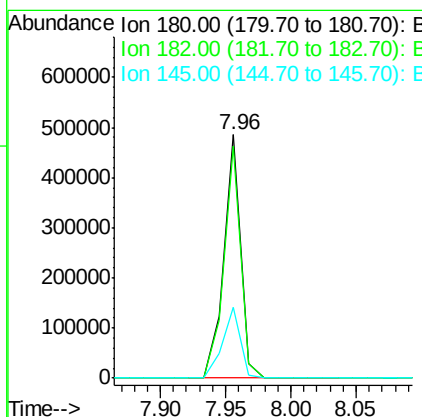
Manual Integrations
 APPROVED

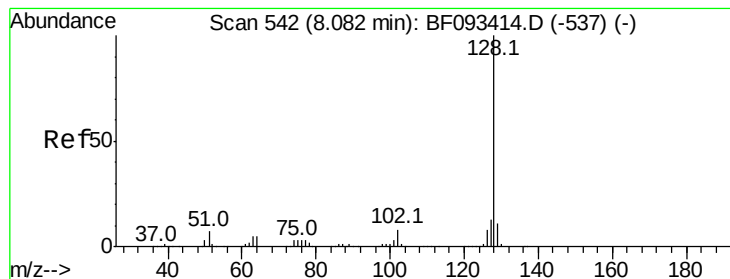
mohammad
 3/15/2017 5:31:00 PM



#30
 1,2,4-Trichlorobenzene
 Concen: 38.87 ng
 RT: 7.96 min Scan# 531
 Delta R.T. 0.00 min
 Lab File: BF093565.D
 Acq: 11 Mar 2017 14:18

Tgt Ion:	180	Resp:	440946
Ion Ratio	Lower	Upper	
180	100		
182	95.5	78.2	117.4
145	29.3	21.6	32.4





#31

Naphthalene

Concen: 37.94 ng

RT: 8.04 min Scan# 538

Delta R.T. 0.00 min

Lab File: BF093565.D

Acq: 11 Mar 2017 14:18

Instrument :

BNA_F

ClientSampled :

SSTDCCC040

Tot Ion:128 Resp: 1433801

Ion Ratio Lower Upper

128 100

129 10.8 9.5 14.3

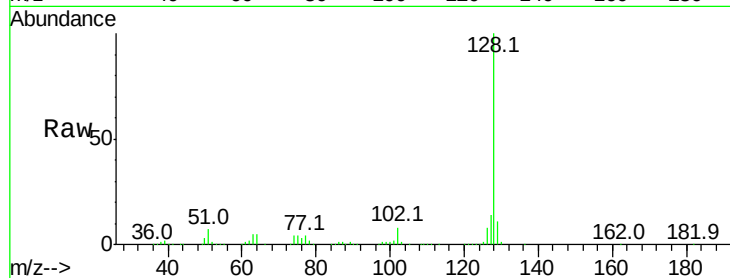
127 13.6 10.8 16.2

Manual Integrations

APPROVED

mohammad

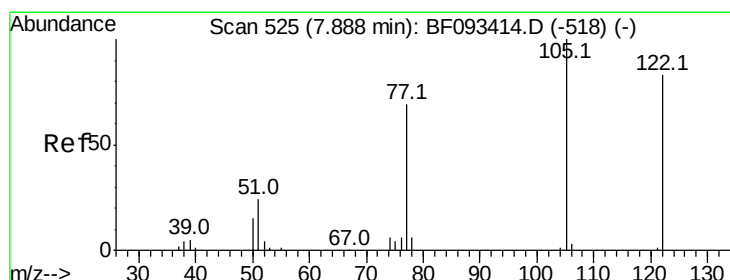
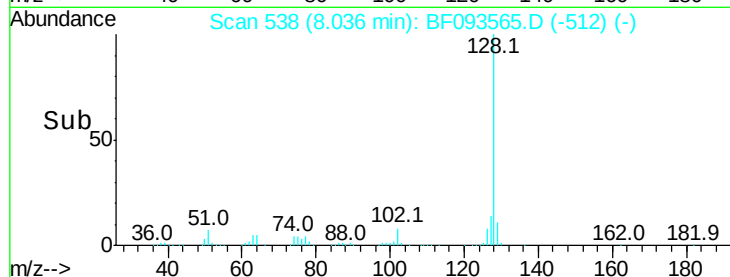
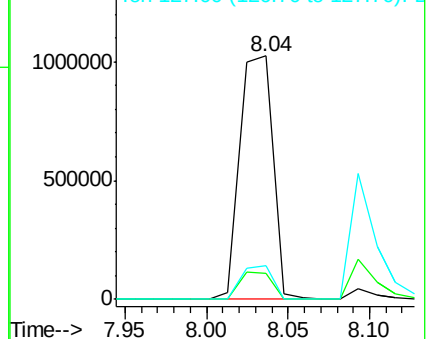
3/15/2017 5:31:00 PM



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: 44.56 ng

RT: 7.85 min Scan# 522

Delta R.T. 0.00 min

Lab File: BF093565.D

Acq: 11 Mar 2017 14:18

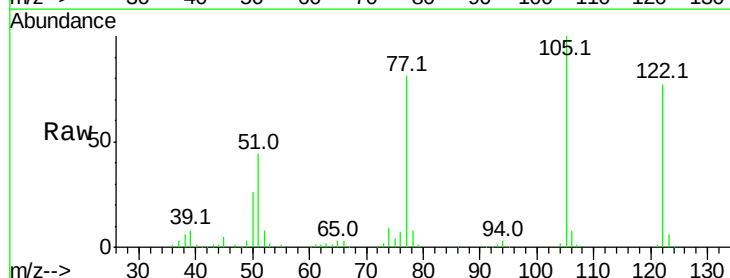
Tgt Ion:122 Resp: 262530

Ion Ratio Lower Upper

122 100

105 129.5 107.2 147.2

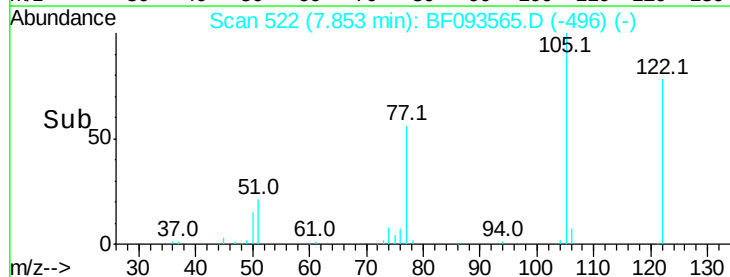
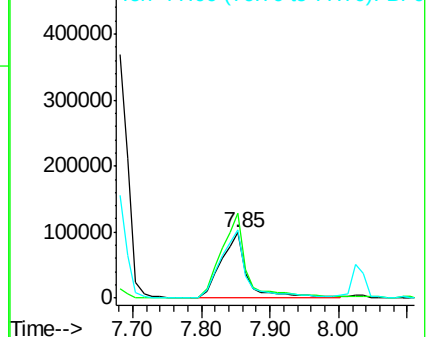
77 104.5 74.5 114.5

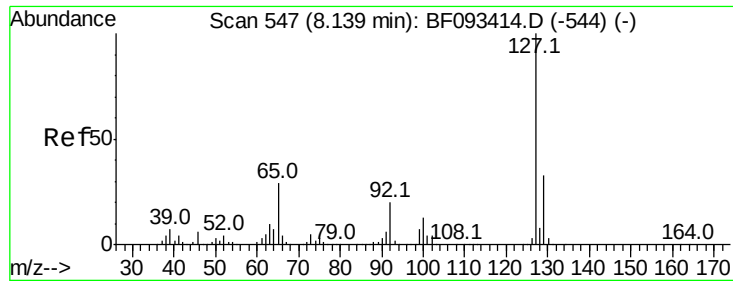


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0





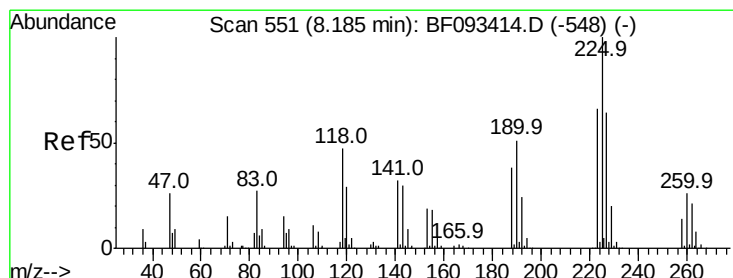
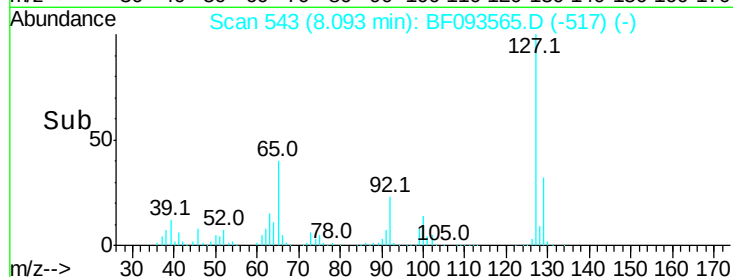
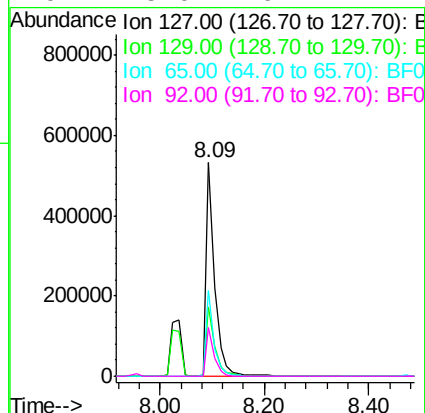
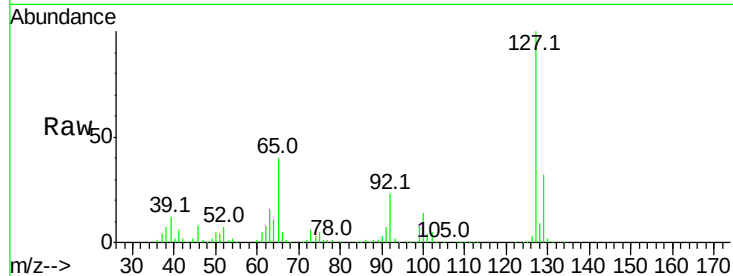
#33
4-Chloroaniline
Concen: 39.48 ng
RT: 8.09 min Scan# 543
Delta R.T. 0.00 min
Lab File: BF093565.D
Acq: 11 Mar 2017 14:18

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
127	100			
129	32.2	26.3	39.5	
65	40.1	25.8	38.8	
92	23.0	16.1	24.1	

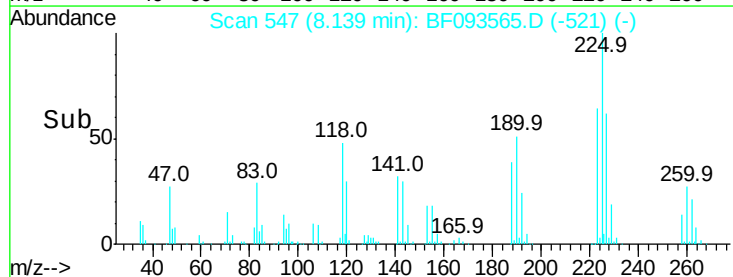
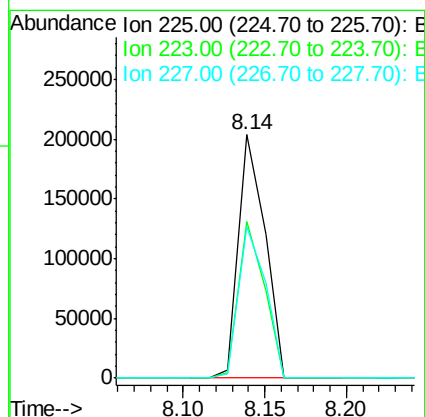
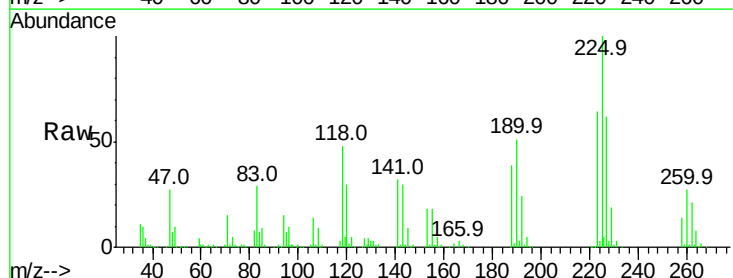
Manual Integrations
APPROVED

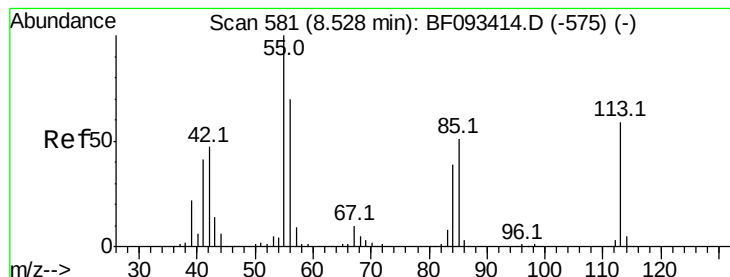
mohammad
3/15/2017 5:31:00 PM



#34
Hexachlorobutadiene
Concen: 38.99 ng
RT: 8.14 min Scan# 547
Delta R.T. 0.00 min
Lab File: BF093565.D
Acq: 11 Mar 2017 14:18

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	64.2	51.0	76.6	
227	62.1	50.6	76.0	





#35

Caprolactam

Concen: 37.81 ng

RT: 8.47 min Scan# 576

Delta R.T. 0.00 min

Lab File: BF093565.D

Acq: 11 Mar 2017 14:18

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:113 Resp: 137747

Ion Ratio Lower Upper

113 100

55 252.6 119.2 159.2#

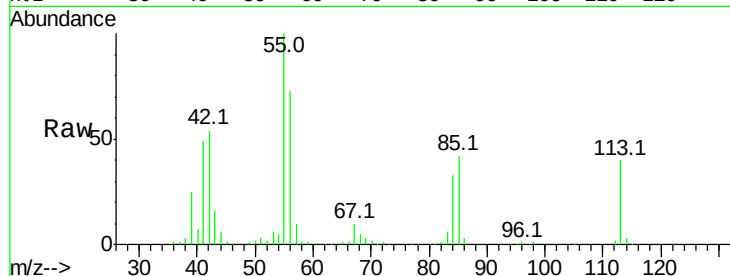
56 184.5 83.8 123.8#

Manual Integrations

APPROVED

mohammad

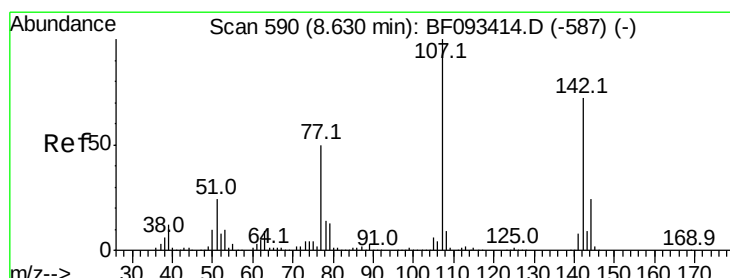
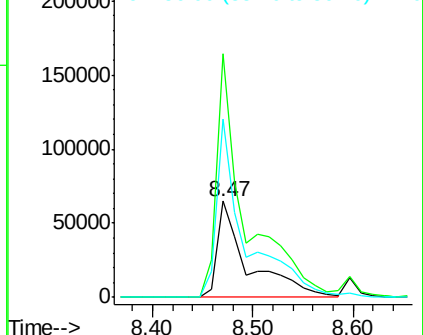
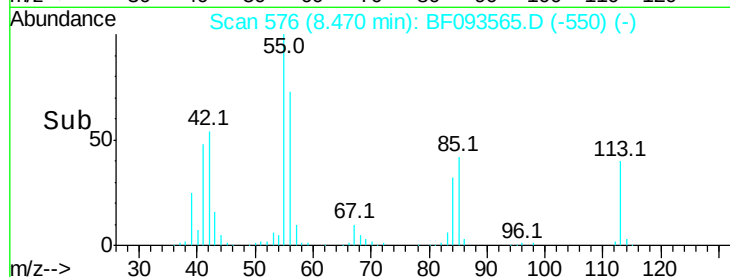
3/15/2017 5:31:00 PM



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 41.09 ng

RT: 8.60 min Scan# 587

Delta R.T. 0.00 min

Lab File: BF093565.D

Acq: 11 Mar 2017 14:18

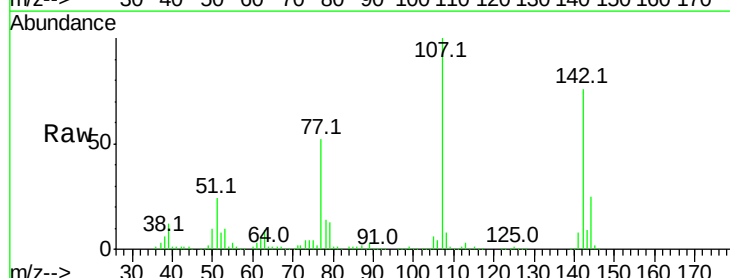
Tgt Ion:107 Resp: 467837

Ion Ratio Lower Upper

107 100

144 24.8 19.3 28.9

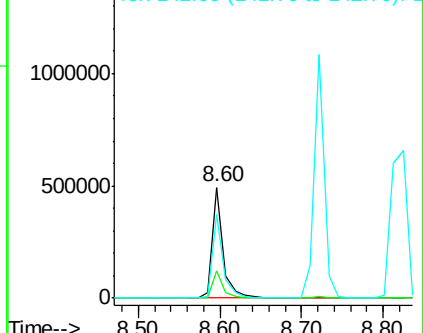
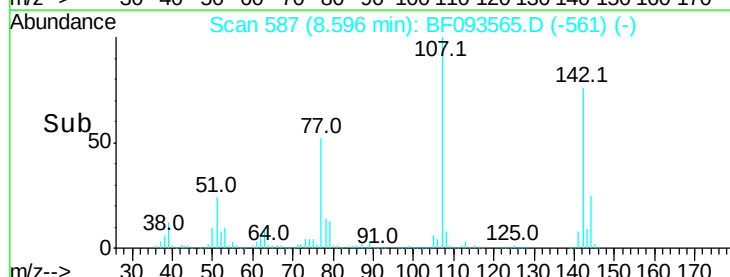
142 75.8 59.0 88.6

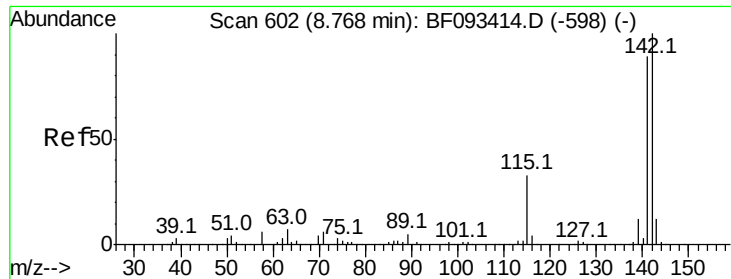


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





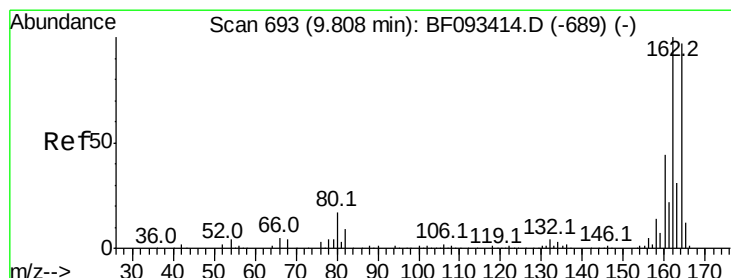
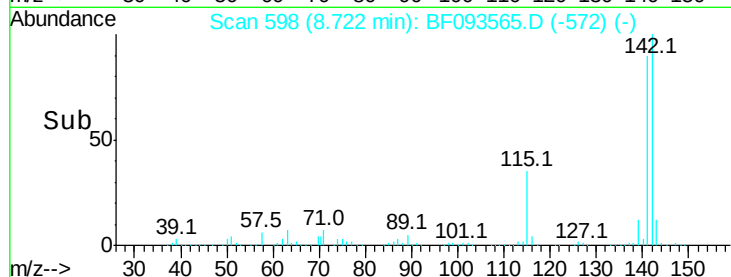
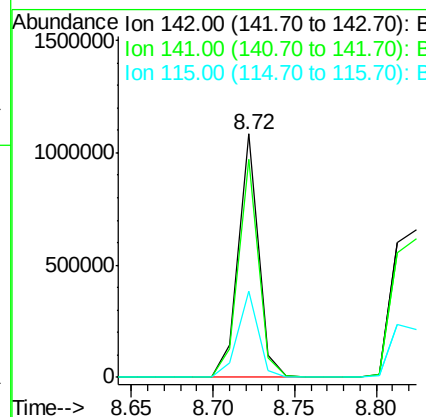
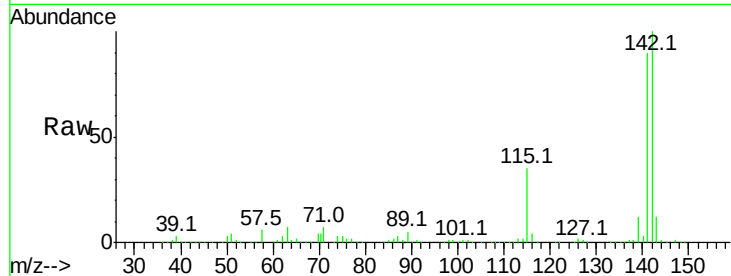
#37
2-Methylnaphthalene
Concen: 37.95 ng
RT: 8.72 min Scan# 598
Delta R.T. 0.00 min
Lab File: BF093565.D
Acq: 11 Mar 2017 14:18

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.7	71.0	106.6
115	35.4	28.3	42.5

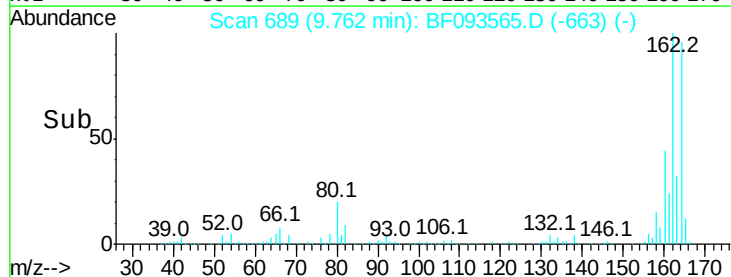
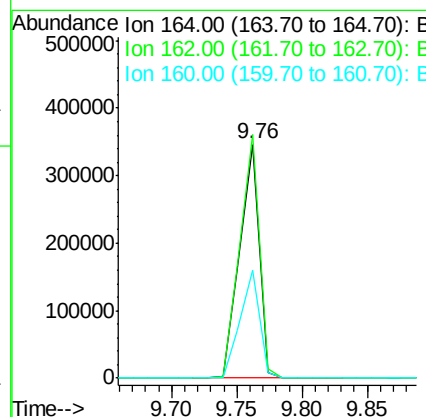
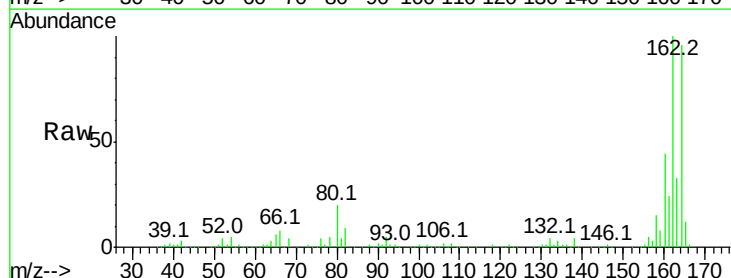
Manual Integrations
APPROVED

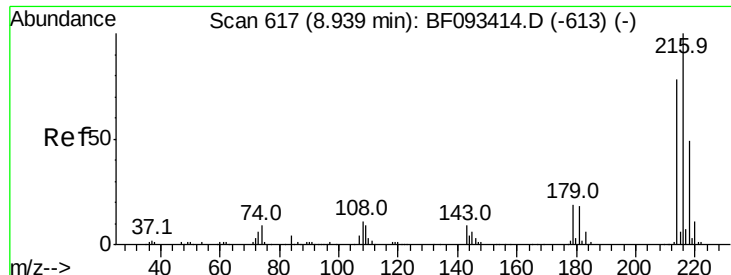
mohammad
3/15/2017 5:31:00 PM



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.76 min Scan# 689
Delta R.T. 0.00 min
Lab File: BF093565.D
Acq: 11 Mar 2017 14:18

Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.2	80.2	120.2
160	46.2	36.9	55.3





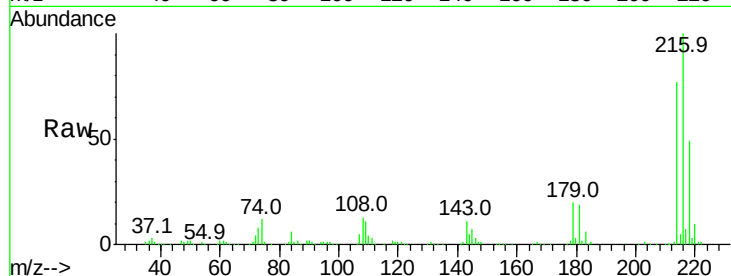
#39
1,2,4,5-Tetrachlorobenzene
Concen: 43.66 ng
RT: 8.89 min Scan# 613
Delta R.T. 0.00 min
Lab File: BF093565.D
Acq: 11 Mar 2017 14:18

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

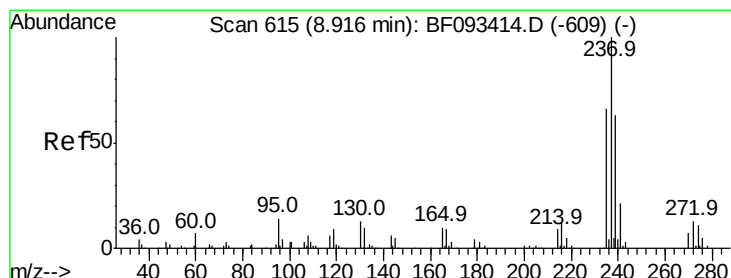
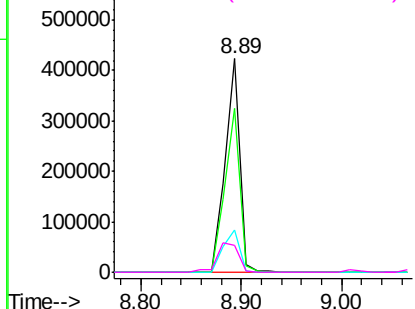
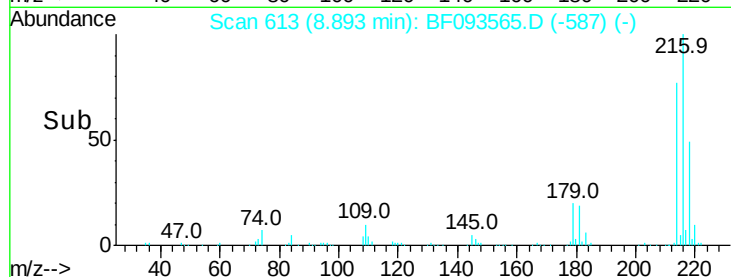
Tot Ion	Ratio	Resp	Lower	Upper
216	100	426451		
214	78.4		63.4	95.0
179	22.4		17.4	26.2
108	20.3		15.6	23.4

Manual Integrations
APPROVED

mohammad
3/15/2017 5:31:00 PM

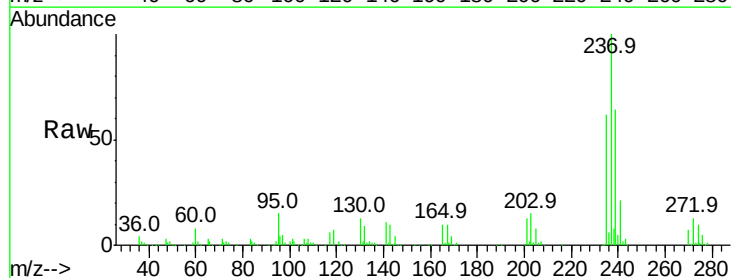


Abundance Ion 216.00 (215.70 to 216.70): E
Ion 214.00 (213.70 to 214.70): E
Ion 179.00 (178.70 to 179.70): E
Ion 108.00 (107.70 to 108.70): E

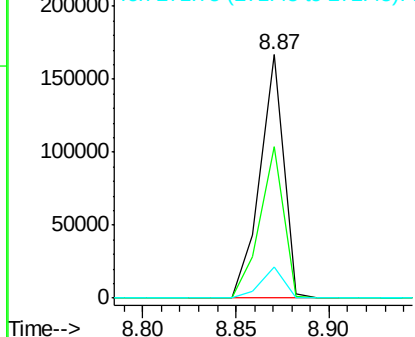
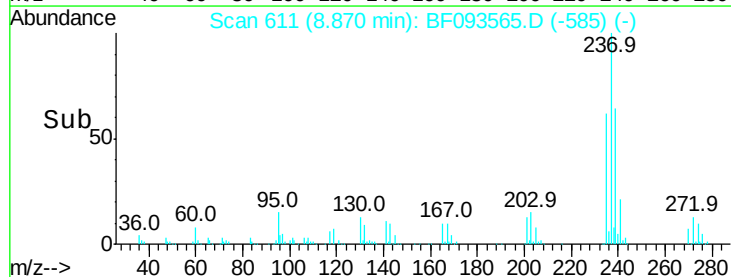


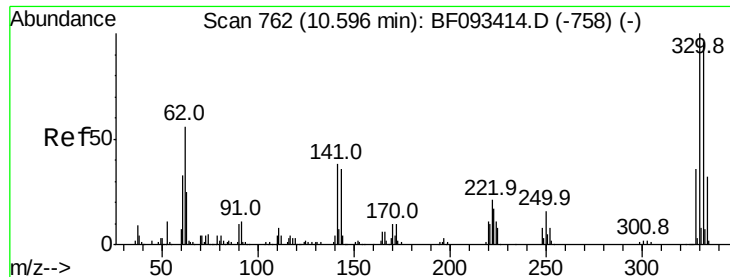
#40
Hexachlorocyclopentadiene
Concen: 62.43 ng
RT: 8.87 min Scan# 611
Delta R.T. 0.00 min
Lab File: BF093565.D
Acq: 11 Mar 2017 14:18

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	146169		
235	62.0		41.2	81.2
272	12.6		0.0	35.4



Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E





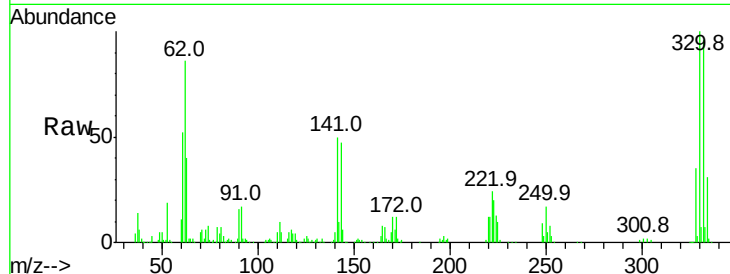
#41
 2,4,6-Tribromophenol
 Concen: 81.39 ng
 RT: 10.55 min Scan# 758
 Delta R.T. 0.00 min
 Lab File: BF093565.D
 Acq: 11 Mar 2017 14:18

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

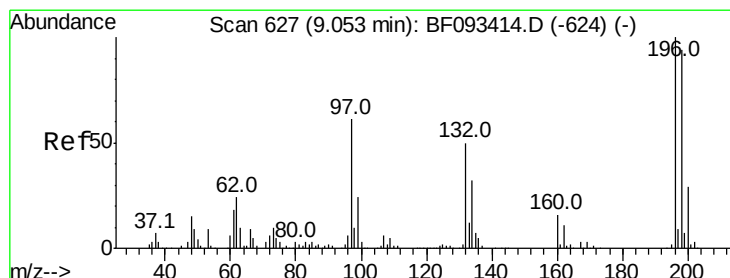
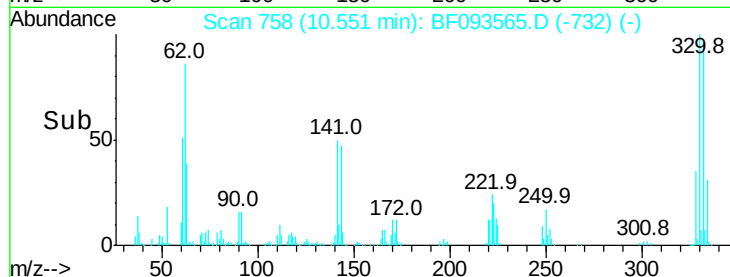
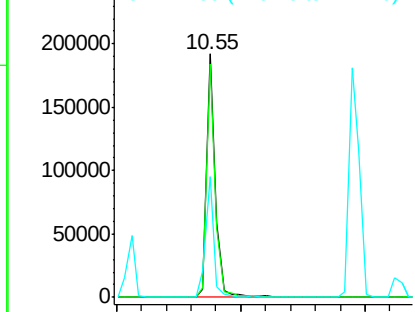
Tot Ion	Ratio	Resp	Lower	Upper
330	100	189672		
332	95.5	77.4	116.2	
141	47.0	34.1	51.1	

Manual Integrations
 APPROVED

mohammad
 3/15/2017 5:31:00 PM

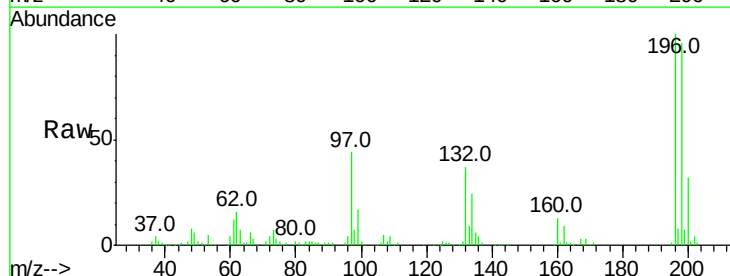


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

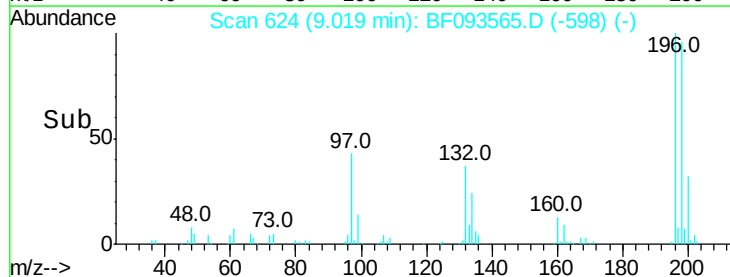
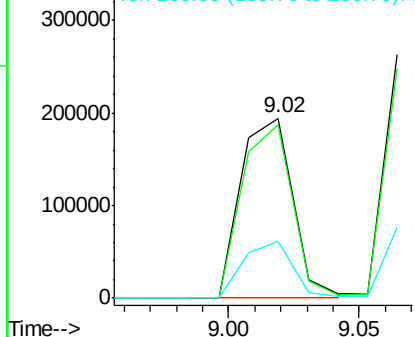


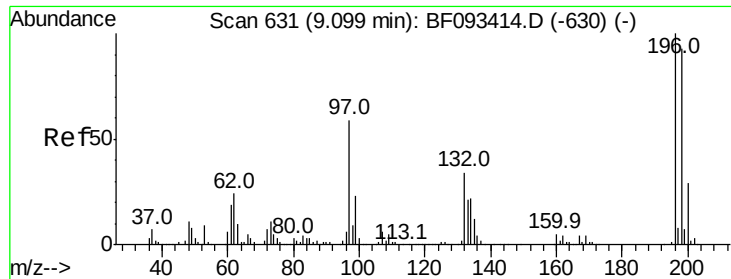
#42
 2,4,6-Trichlorophenol
 Concen: 44.05 ng
 RT: 9.02 min Scan# 624
 Delta R.T. 0.00 min
 Lab File: BF093565.D
 Acq: 11 Mar 2017 14:18

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	268813		
198	96.3	82.1	123.1	
200	31.7	27.0	40.4	



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





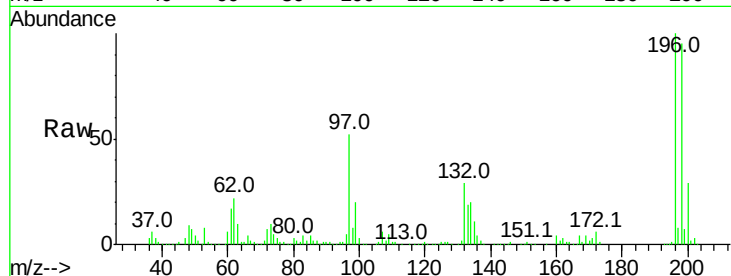
#43
2,4,5-Trichlorophenol
Concen: 43.89 ng
RT: 9.06 min Scan# 628
Delta R.T. 0.00 min
Lab File: BF093565.D
Acq: 11 Mar 2017 14:18

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

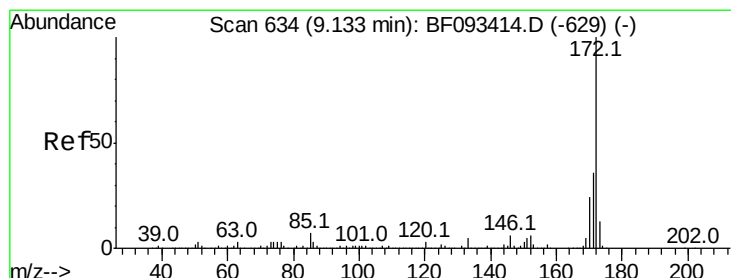
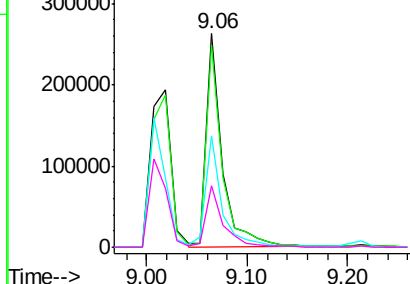
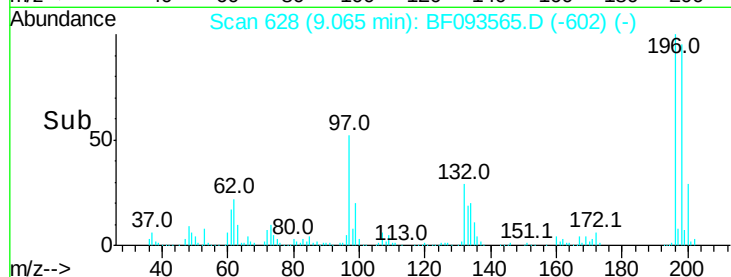
Tot Ion	Ratio	Resp	Lower	Upper
196	100	287383		
198	94.5	79.4	119.2	
97	51.9	51.5	77.3	
132	29.0	27.4	41.2	

Manual Integrations
APPROVED

mohammad
3/15/2017 5:31:00 PM

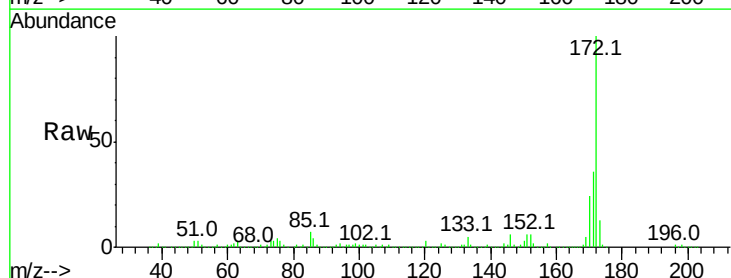


Abundance Ion 196.00 (195.70 to 196.70): E
Ion 198.00 (197.70 to 198.70): E
Ion 97.00 (96.70 to 97.70): BF0
Ion 132.00 (131.70 to 132.70): E

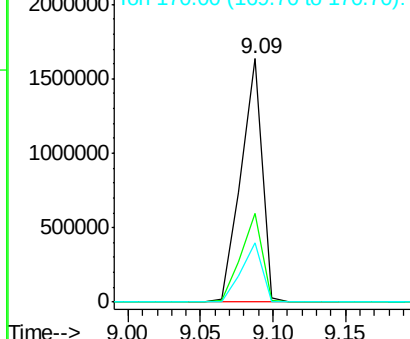
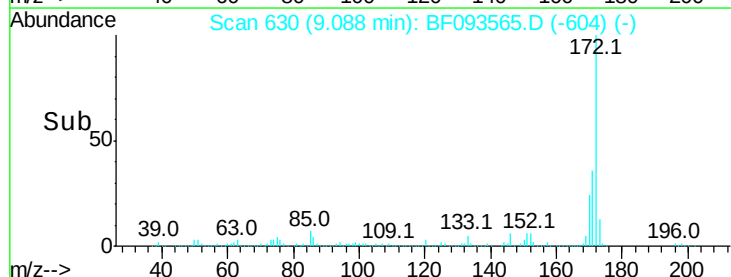


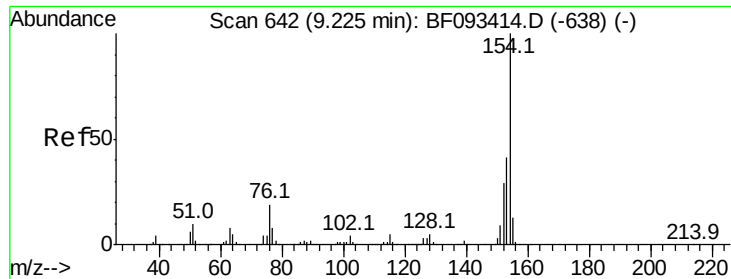
#44
2-Fluorobiphenyl
Concen: 86.29 ng
RT: 9.09 min Scan# 630
Delta R.T. 0.00 min
Lab File: BF093565.D
Acq: 11 Mar 2017 14:18

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1659390		
171	36.3	29.4	44.0	
170	24.3	20.2	30.4	



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





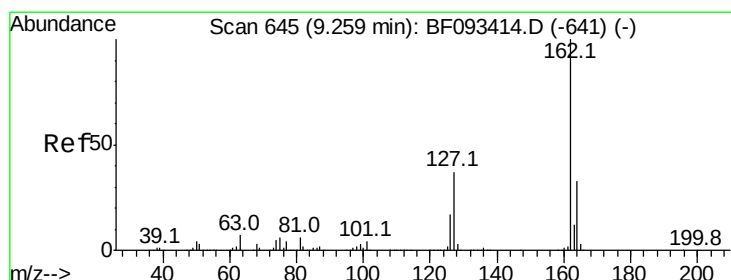
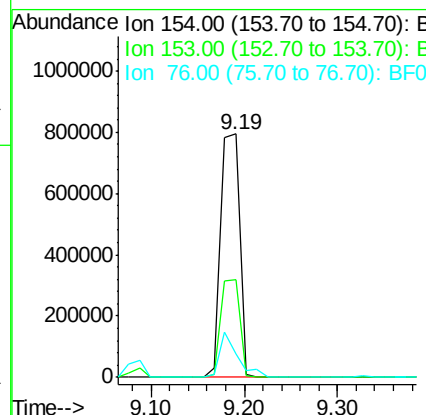
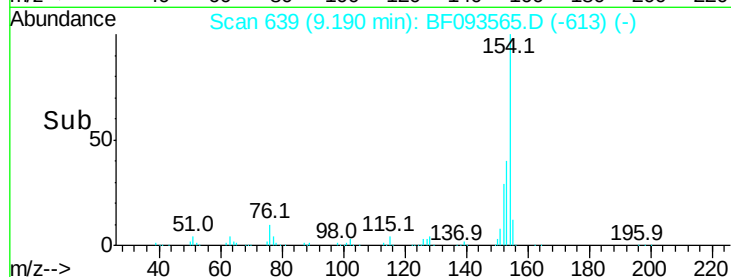
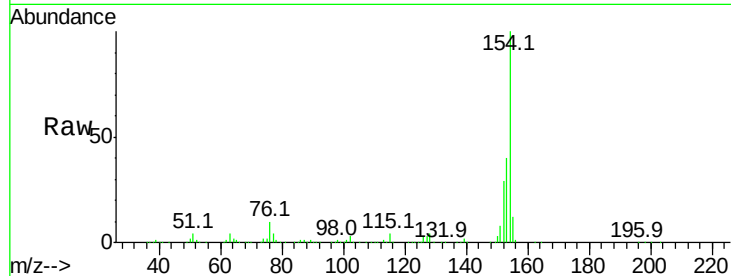
#45
1,1'-Biphenyl
Concen: 42.72 ng
RT: 9.19 min Scan# 639
Delta R.T. 0.00 min
Lab File: BF093565.D
Acq: 11 Mar 2017 14:18

Instrument :
BNA_F
ClientSampled :
SSTDCCC040

Tot Ion:154 Resp: 1113275
Ion Ratio Lower Upper
154 100
153 40.2 20.9 60.9
76 9.5 0.0 30.5

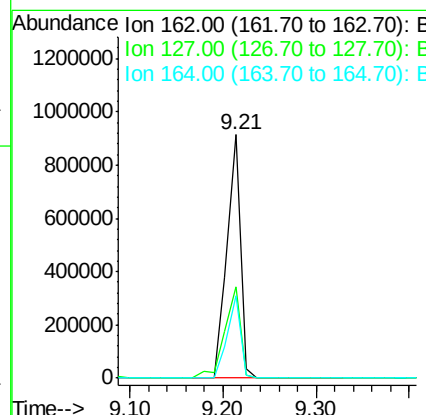
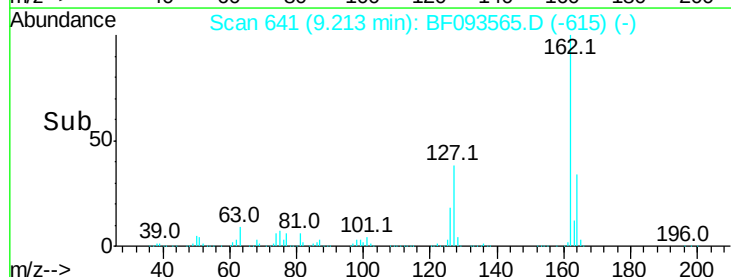
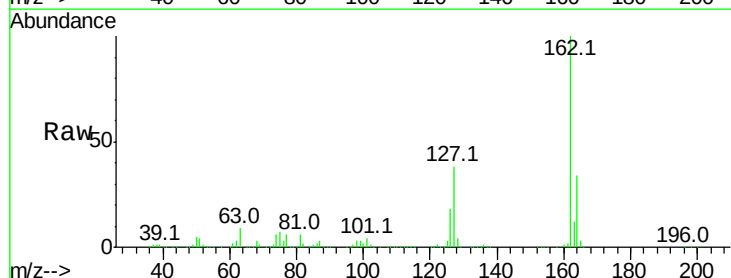
Manual Integrations
APPROVED

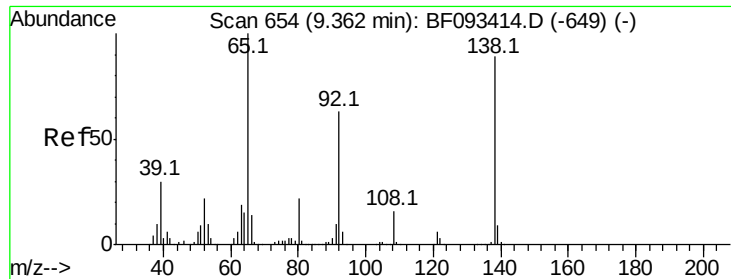
mohammad
3/15/2017 5:31:00 PM



#46
2-Chloronaphthalene
Concen: 46.02 ng
RT: 9.21 min Scan# 641
Delta R.T. 0.00 min
Lab File: BF093565.D
Acq: 11 Mar 2017 14:18

Tgt Ion:162 Resp: 917993
Ion Ratio Lower Upper
162 100
127 37.7 30.7 46.1
164 33.6 27.6 41.4





#47

2-Nitroaniline

Concen: 51.32 ng

RT: 9.33 min Scan# 651

Delta R.T. 0.00 min

Lab File: BF093565.D

Acq: 11 Mar 2017 14:18

Instrument :

BNA_F

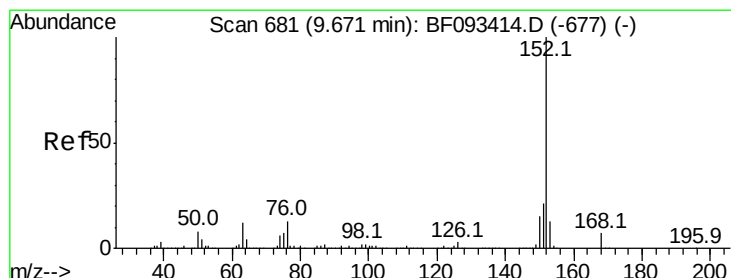
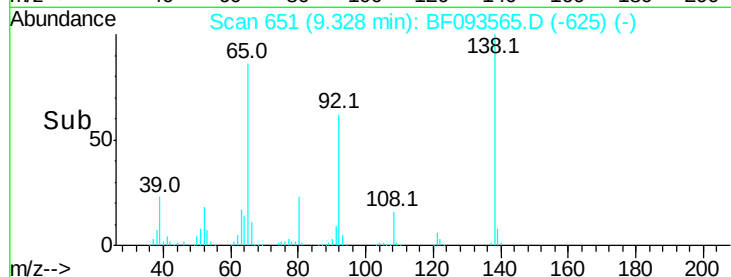
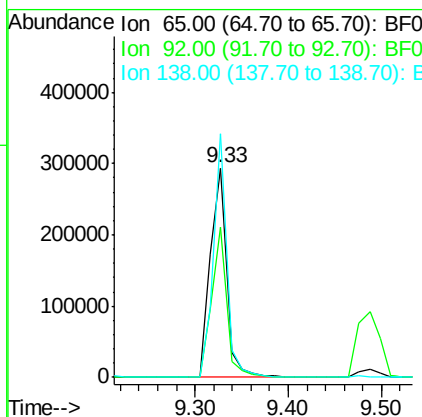
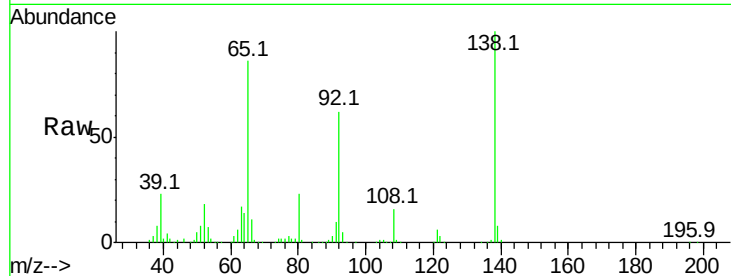
ClientSampleId :

SSTDCCC040

Tot Ion	Ratio	Lower	Upper
65	100		
92	72.0	53.9	80.9
138	116.3	76.8	115.2

Manual Integrations
APPROVED

mohammad
3/15/2017 5:31:00 PM



#48

Acenaphthylene

Concen: 43.58 ng

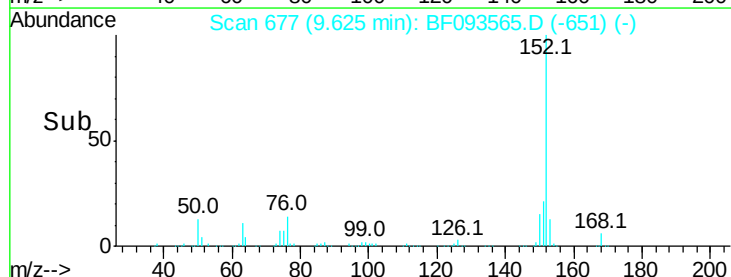
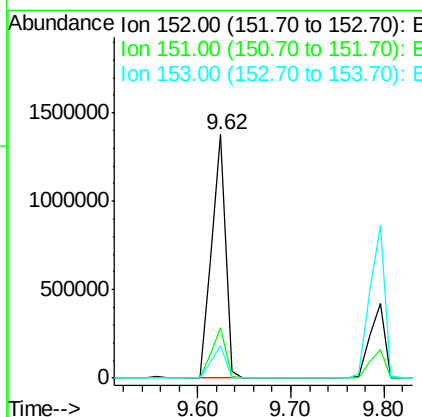
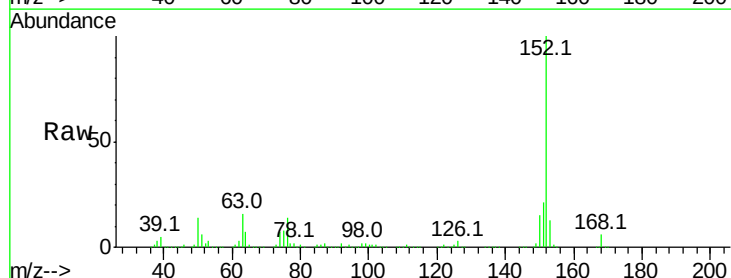
RT: 9.62 min Scan# 677

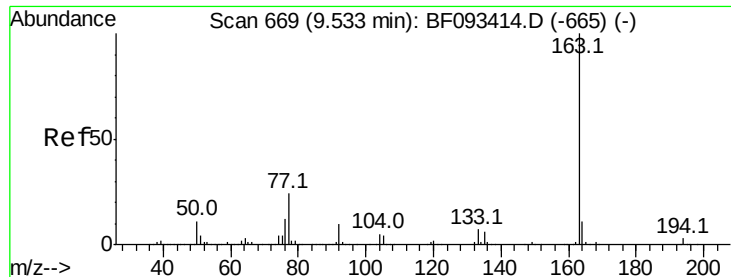
Delta R.T. 0.00 min

Lab File: BF093565.D

Acq: 11 Mar 2017 14:18

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.7	16.9	25.3
153	13.2	11.4	17.2





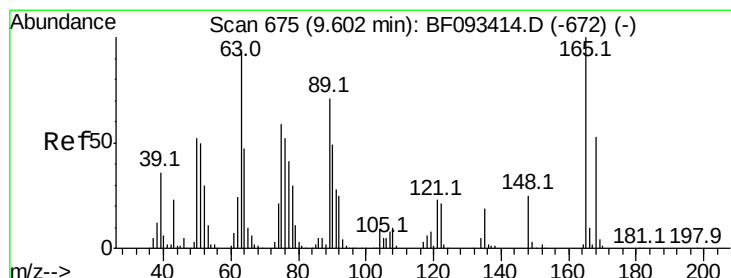
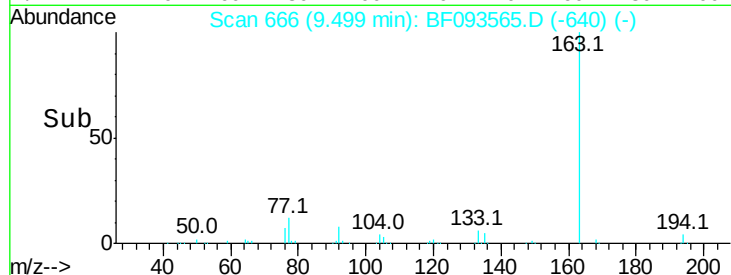
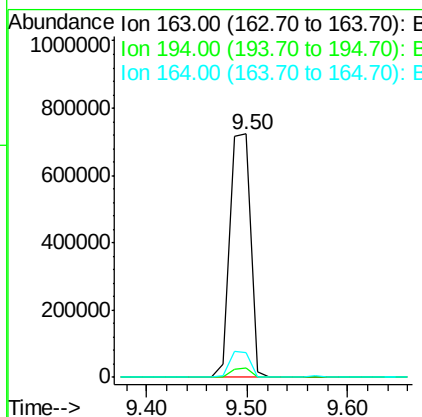
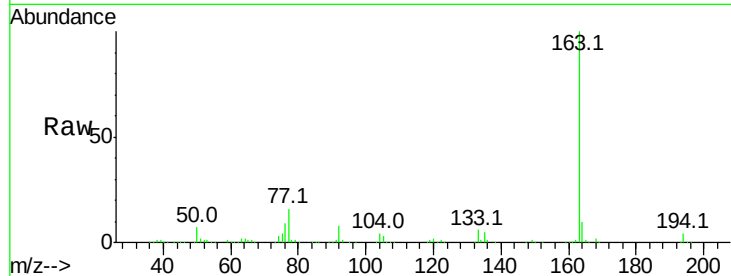
#49
Dimethylphthalate
Concen: 43.38 ng
RT: 9.50 min Scan# 666
Delta R.T. 0.00 min
Lab File: BF093565.D
Acq: 11 Mar 2017 14:18

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:163 Resp: 1028657
Ion Ratio Lower Upper
163 100
194 3.7 3.0 4.4
164 10.0 8.0 12.0

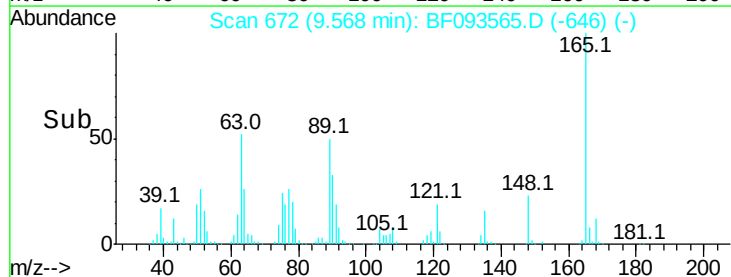
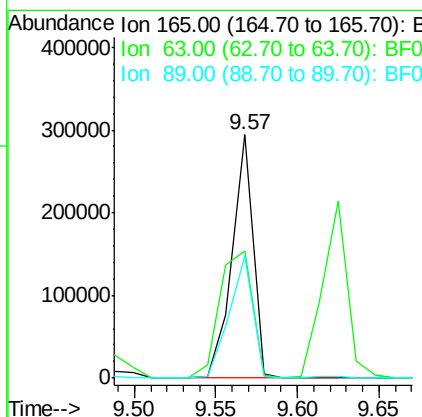
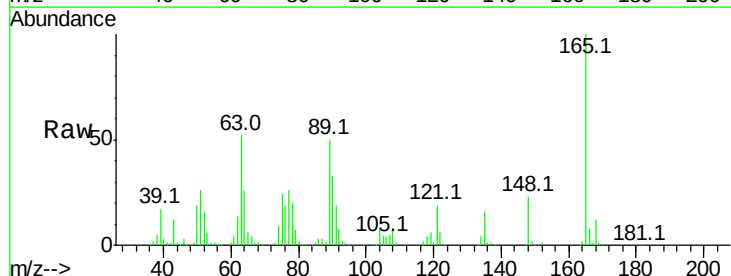
Manual Integrations
APPROVED

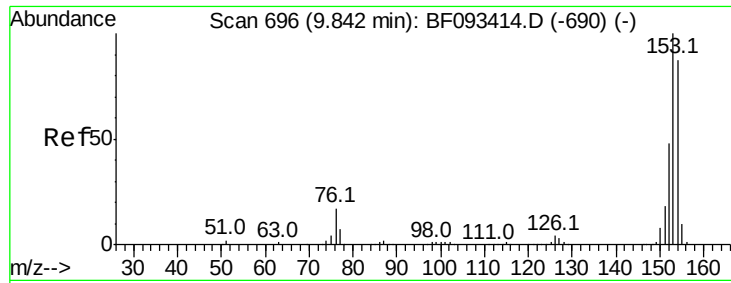
mohammad
3/15/2017 5:31:00 PM



#50
2,6-Dinitrotoluene
Concen: 49.86 ng
RT: 9.57 min Scan# 672
Delta R.T. 0.00 min
Lab File: BF093565.D
Acq: 11 Mar 2017 14:18

Tgt Ion:165 Resp: 259471
Ion Ratio Lower Upper
165 100
63 52.4 36.2 54.4
89 50.4 40.2 60.4





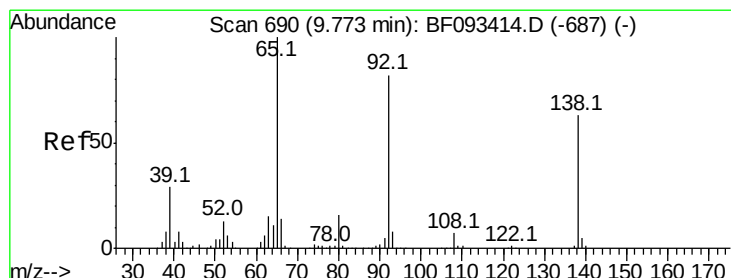
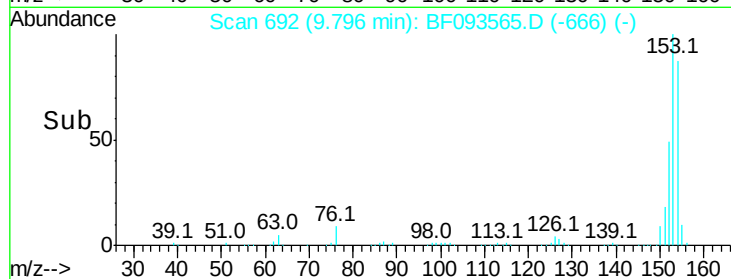
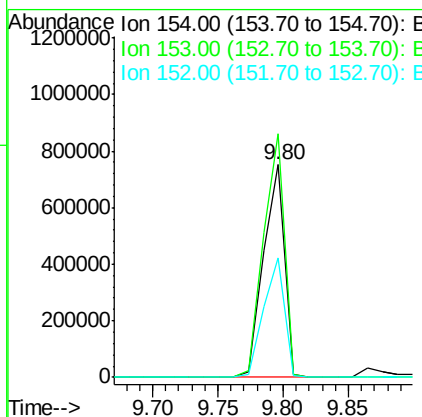
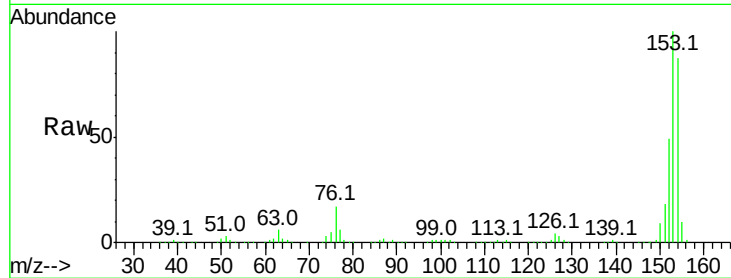
#51
Acenaphthene
Concen: 43.56 ng
RT: 9.80 min Scan# 692
Delta R.T. 0.00 min
Lab File: BF093565.D
Acq: 11 Mar 2017 14:18

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
154	100		
153	114.6	88.6	133.0
152	56.0	41.6	62.4

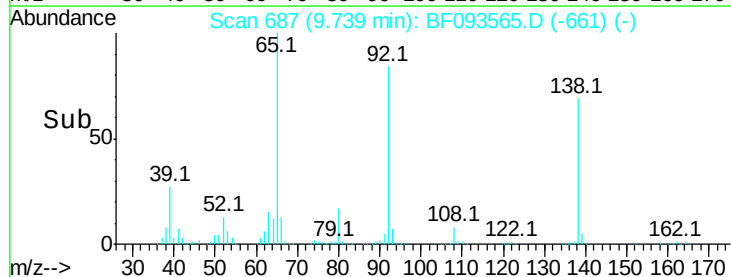
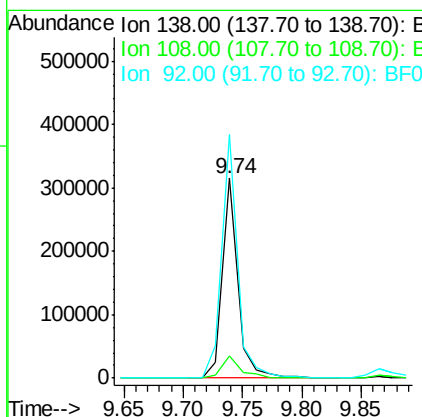
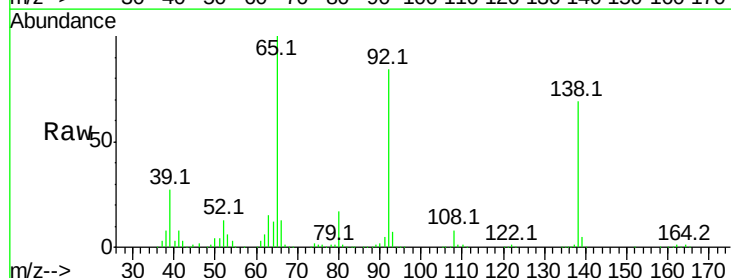
Manual Integrations
APPROVED

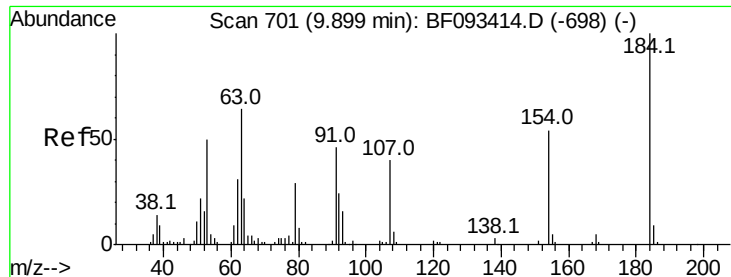
mohammad
3/15/2017 5:31:00 PM



#52
3-Nitroaniline
Concen: 45.11 ng
RT: 9.74 min Scan# 687
Delta R.T. 0.00 min
Lab File: BF093565.D
Acq: 11 Mar 2017 14:18

Tgt Ion	Ratio	Lower	Upper
138	100		
108	10.9	8.5	12.7
92	122.0	97.8	146.8





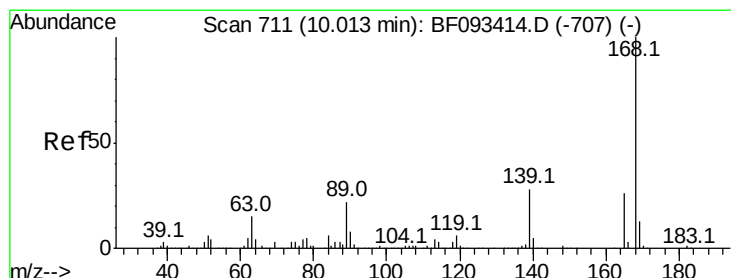
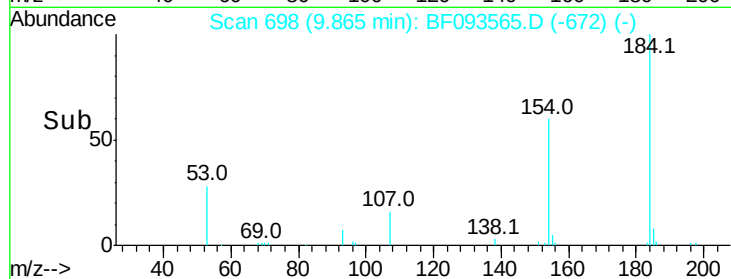
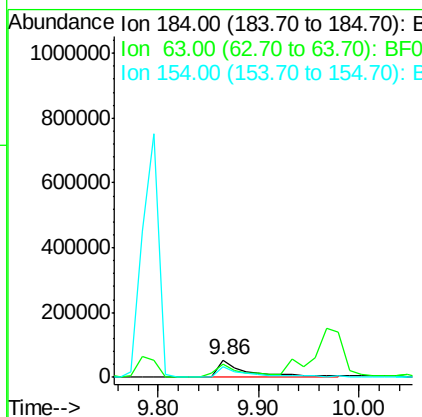
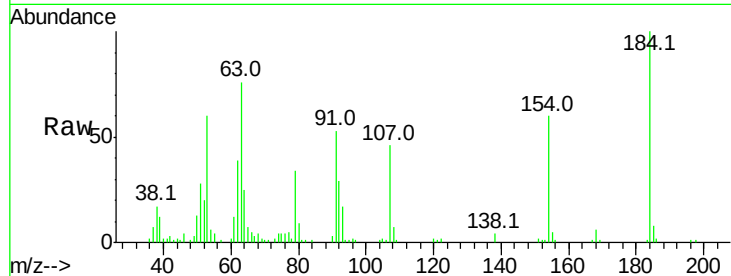
#53
2,4-Dinitrophenol
Concen: 47.95 ng
RT: 9.86 min Scan# 698
Delta R.T. 0.00 min
Lab File: BF093565.D
Acq: 11 Mar 2017 14:18

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
184	100			
63	76.4	28.4	42.6	#
154	60.3	44.3	66.5	

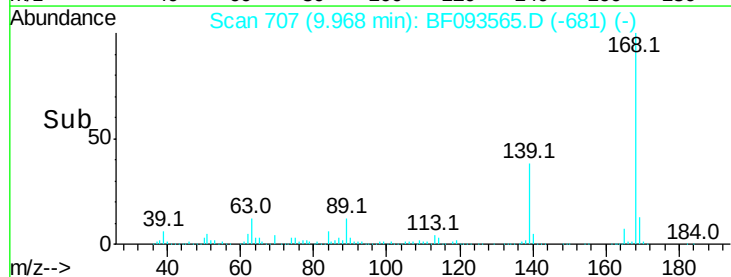
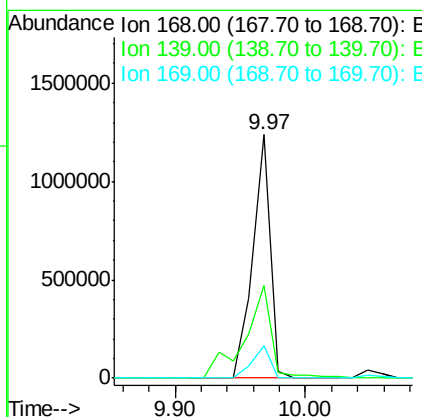
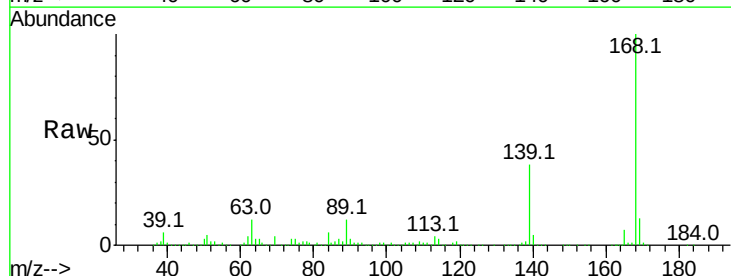
Manual Integrations
APPROVED

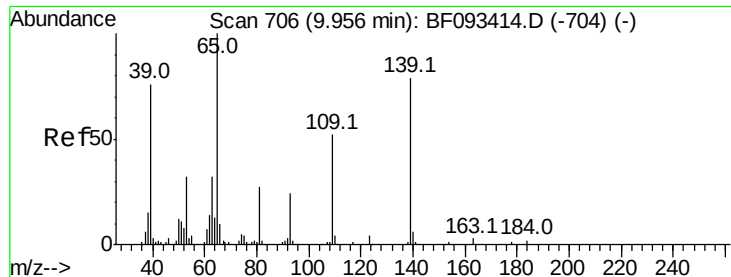
mohammad
3/15/2017 5:31:00 PM



#54
Dibenzofuran
Concen: 47.60 ng
RT: 9.97 min Scan# 707
Delta R.T. 0.00 min
Lab File: BF093565.D
Acq: 11 Mar 2017 14:18

Tgt Ion	Ratio	Resp	Lower	Upper
168	100			
139	37.9	32.6	49.0	
169	13.2	11.3	16.9	





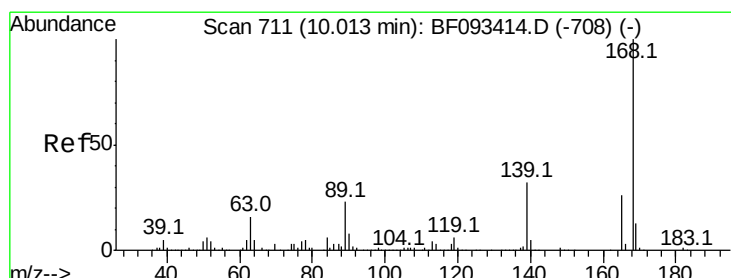
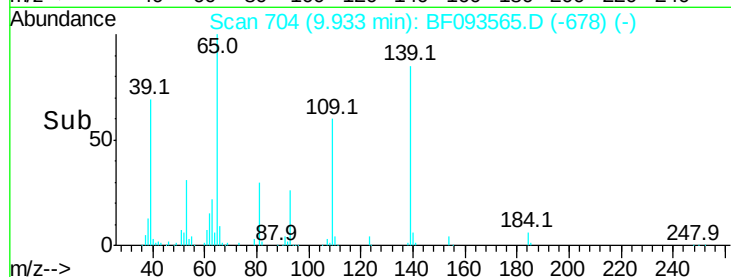
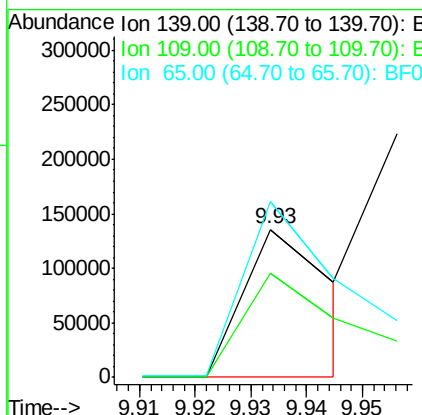
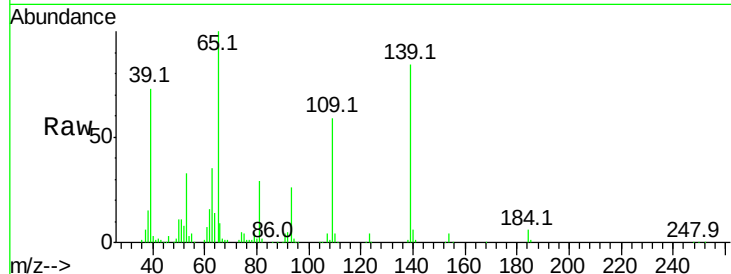
#55
4-Nitrophenol
Concen: 50.43 ng m
RT: 9.93 min Scan# 704
Delta R.T. 0.00 min
Lab File: BF093565.D
Acq: 11 Mar 2017 14:18

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
139	100		
109	70.6	52.2	92.2
65	118.8	85.8	125.8

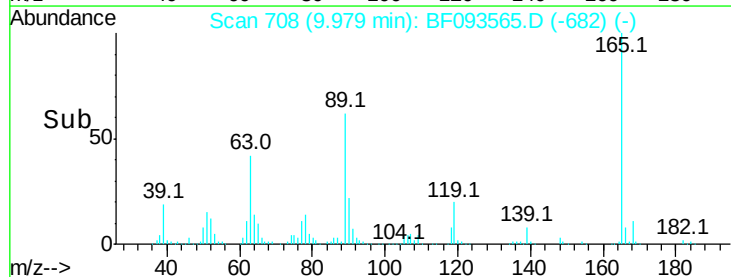
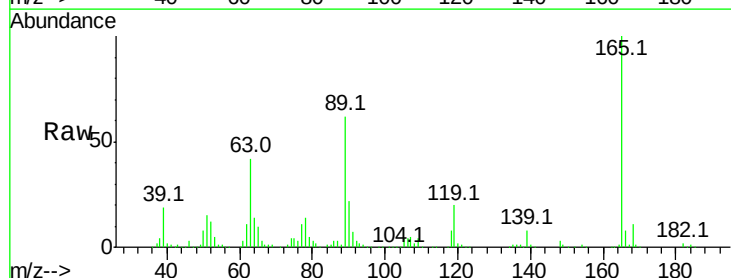
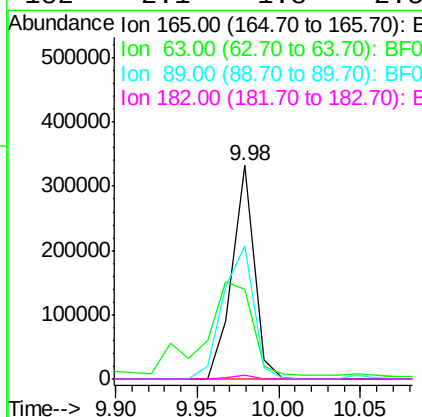
Manual Integrations
APPROVED

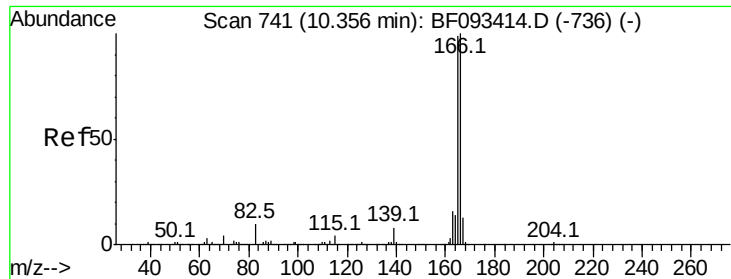
mohammad
3/15/2017 5:31:00 PM



#56
2,4-Dinitrotoluene
Concen: 48.93 ng
RT: 9.98 min Scan# 708
Delta R.T. 0.00 min
Lab File: BF093565.D
Acq: 11 Mar 2017 14:18

Tgt Ion	Ratio	Lower	Upper
165	100		
63	42.0	40.2	60.4
89	62.2	62.5	93.7#
182	2.1	1.8	2.8





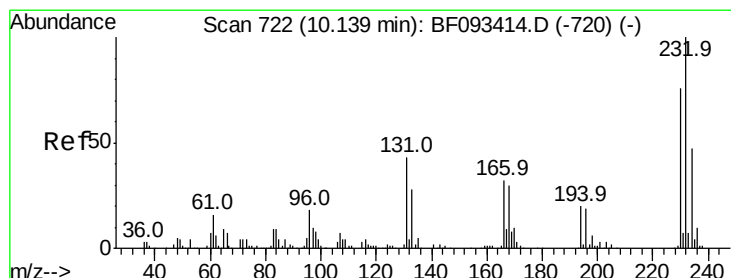
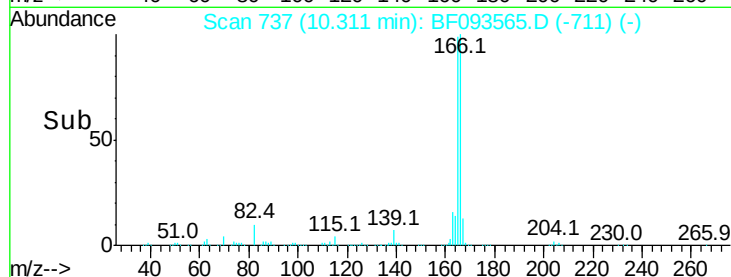
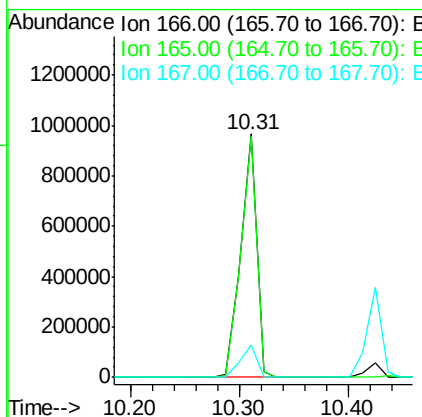
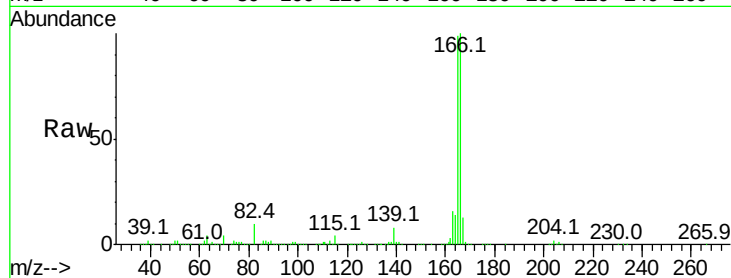
#57
Fluorene
Concen: 46.51 ng
RT: 10.31 min Scan# 737
Delta R.T. 0.00 min
Lab File: BF093565.D
Acq: 11 Mar 2017 14:18

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
166	100			
165	99.3	77.8	116.8	
167	13.3	10.8	16.2	

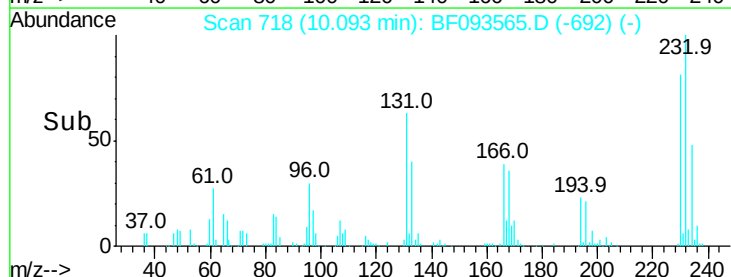
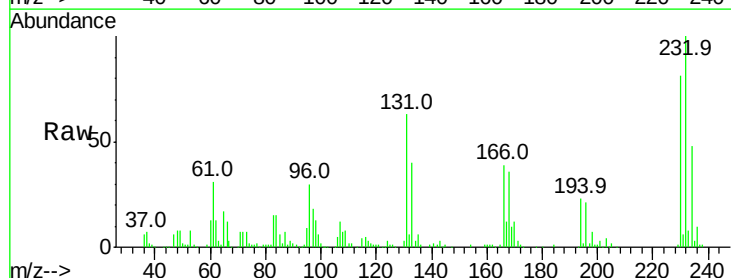
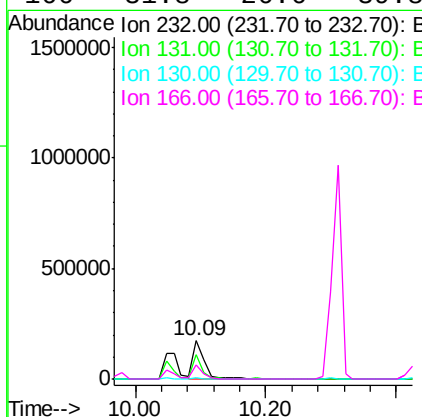
Manual Integrations
APPROVED

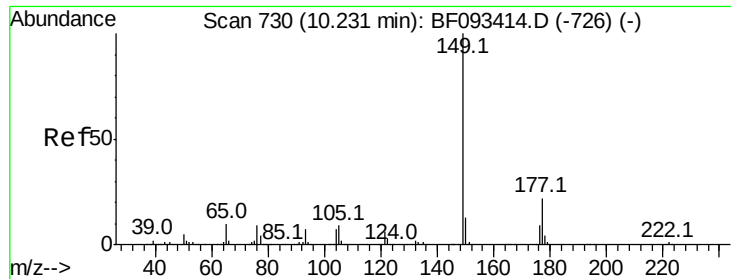
mohammad
3/15/2017 5:31:00 PM



#58
2,3,4,6-Tetrachlorophenol
Concen: 45.43 ng
RT: 10.09 min Scan# 718
Delta R.T. 0.00 min
Lab File: BF093565.D
Acq: 11 Mar 2017 14:18

Tgt Ion	Ratio	Resp	Lower	Upper
232	100			
131	50.6	40.1	60.1	
130	2.6	1.8	2.8	
166	31.8	26.6	39.8	





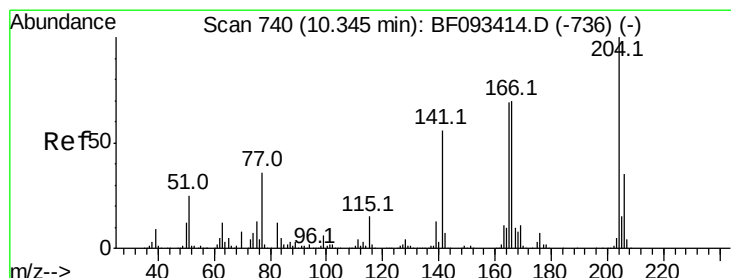
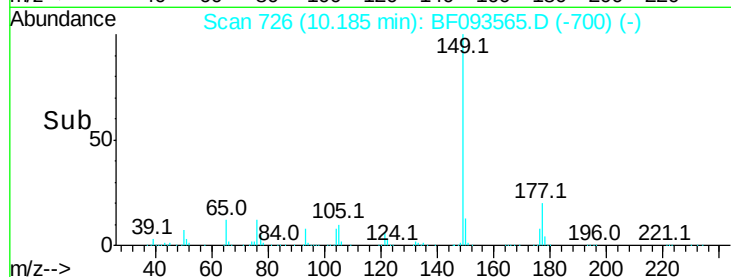
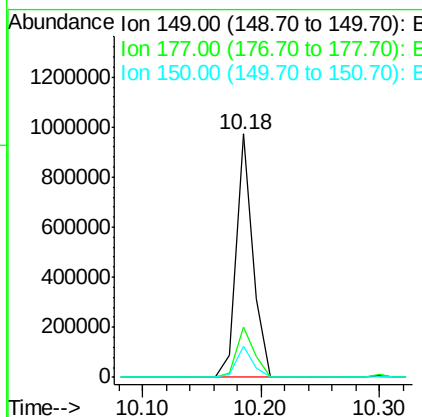
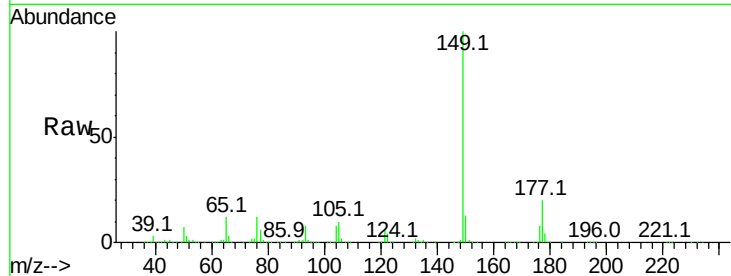
#59
Diethylphthalate
Concen: 41.80 ng
RT: 10.18 min Scan# 726
Delta R.T. 0.00 min
Lab File: BF093565.D
Acq: 11 Mar 2017 14:18

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
149	100		
177	20.5	16.6	25.0
150	12.6	10.4	15.6

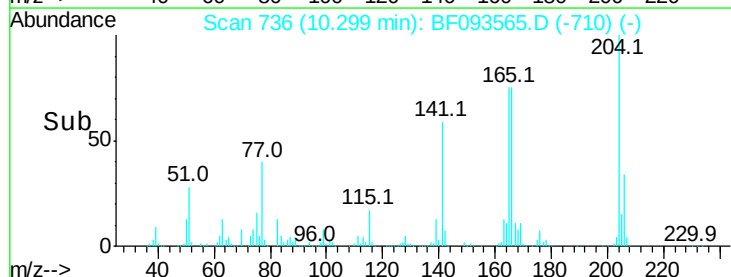
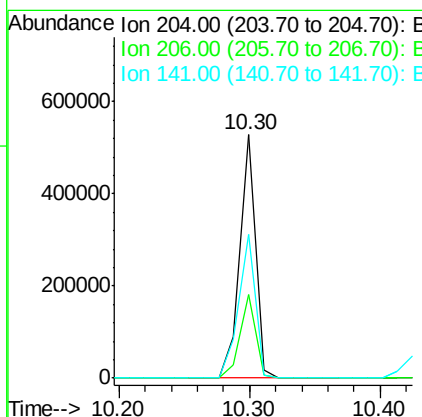
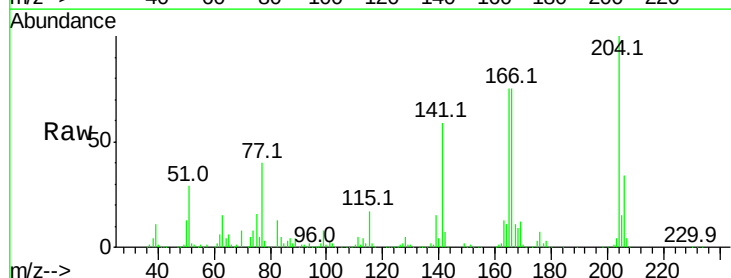
Manual Integrations
APPROVED

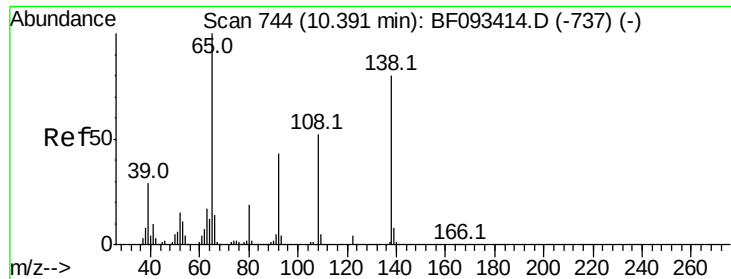
mohammad
3/15/2017 5:31:00 PM



#60
4-Chlorophenyl-phenylether
Concen: 47.34 ng
RT: 10.30 min Scan# 736
Delta R.T. 0.00 min
Lab File: BF093565.D
Acq: 11 Mar 2017 14:18

Tgt Ion	Ratio	Lower	Upper
204	100		
206	34.2	25.8	38.6
141	58.9	59.4	89.0#





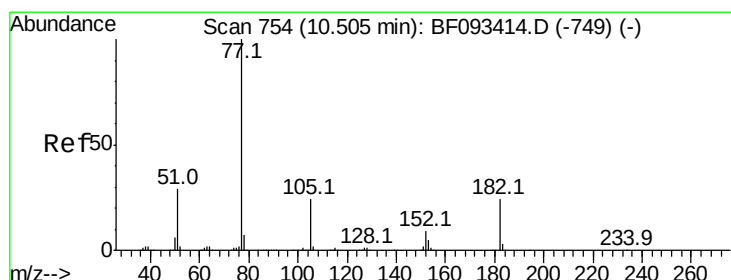
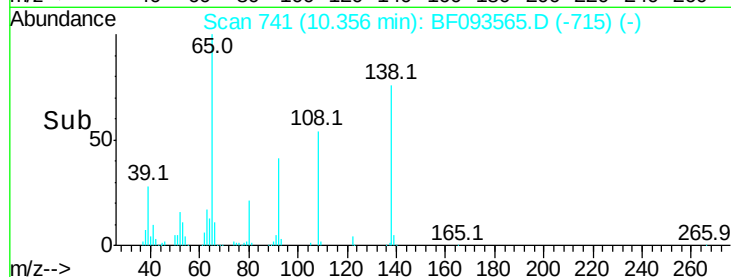
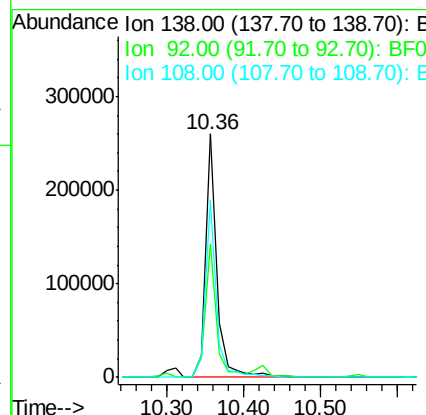
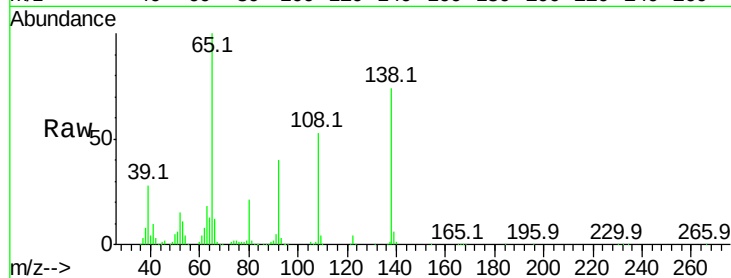
#61
4-Nitroaniline
Concen: 40.90 ng
RT: 10.36 min Scan# 741
Delta R.T. 0.00 min
Lab File: BF093565.D
Acq: 11 Mar 2017 14:18

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
138	100		
92	54.7	31.7	71.7
108	72.5	52.6	92.6

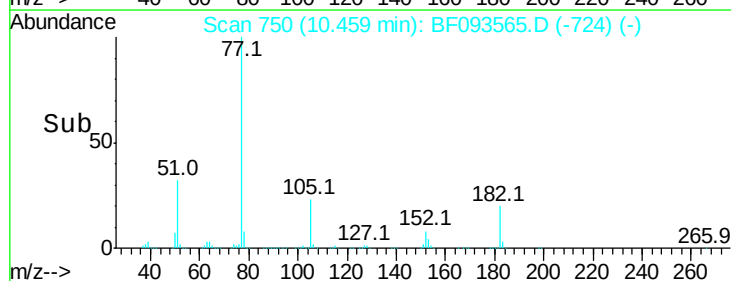
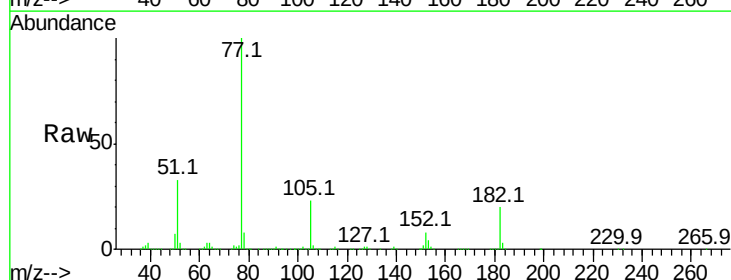
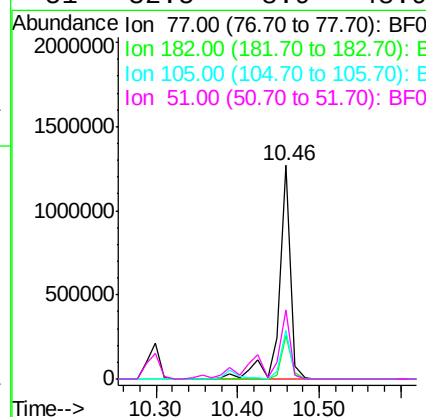
Manual Integrations
APPROVED

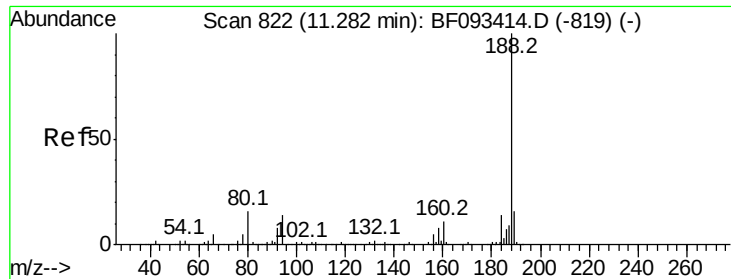
mohammad
3/15/2017 5:31:00 PM



#62
Azobenzene
Concen: 48.31 ng
RT: 10.46 min Scan# 750
Delta R.T. 0.00 min
Lab File: BF093565.D
Acq: 11 Mar 2017 14:18

Tgt Ion	Ratio	Lower	Upper
77	100		
182	20.2	0.0	39.3
105	22.7	2.3	42.3
51	32.5	8.9	48.9





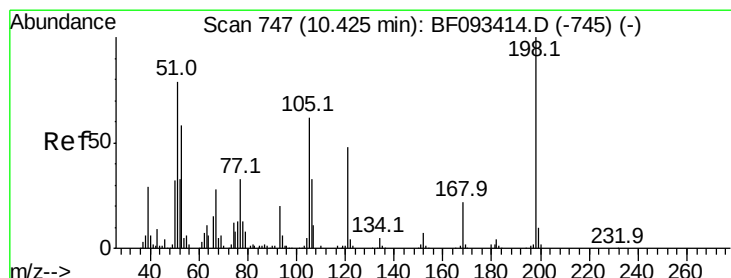
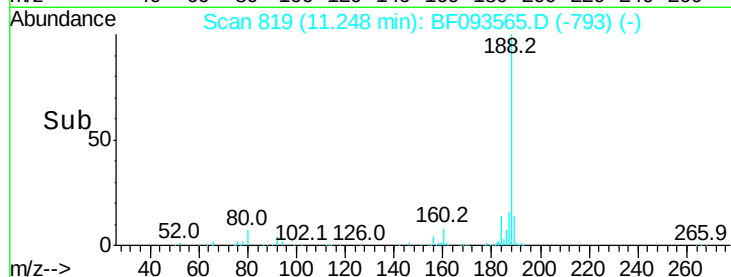
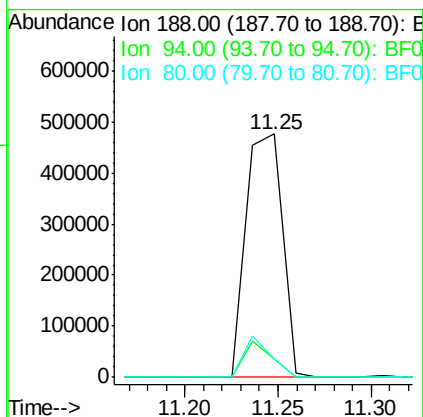
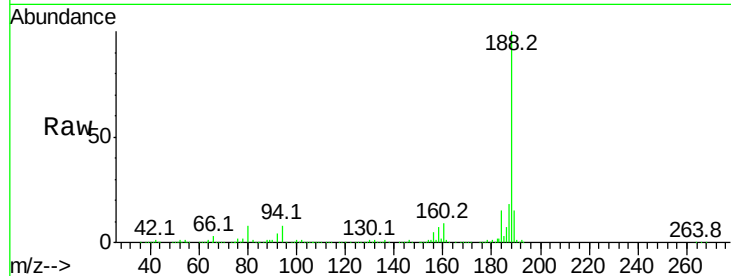
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.25 min Scan# 819
Delta R.T. 0.00 min
Lab File: BF093565.D
Acq: 11 Mar 2017 14:18

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
188	100	646617		
94	7.6	10.0	15.0#	
80	7.8	11.2	16.8#	

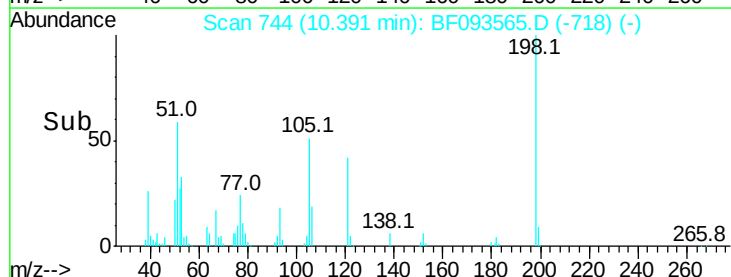
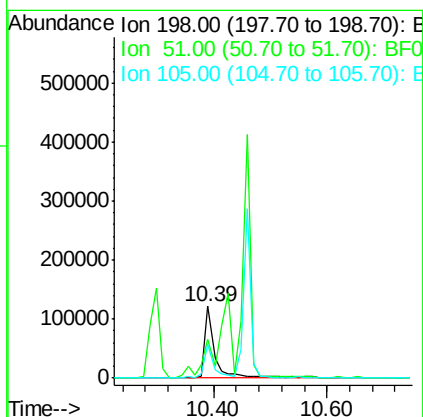
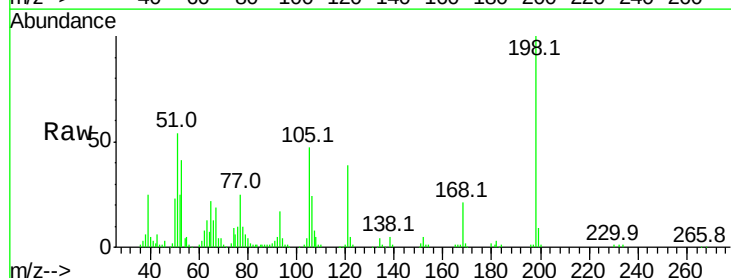
Manual Integrations
APPROVED

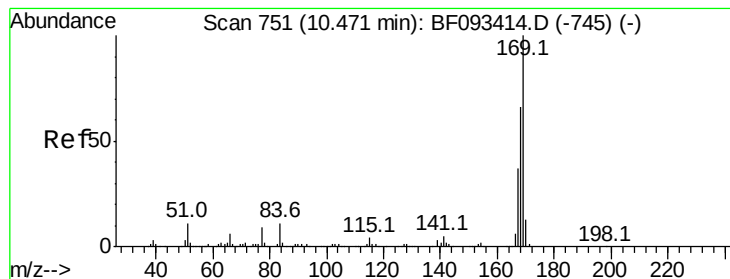
mohammad
3/15/2017 5:31:00 PM



#64
4,6-Dinitro-2-methylphenol
Concen: 35.65 ng
RT: 10.39 min Scan# 744
Delta R.T. 0.00 min
Lab File: BF093565.D
Acq: 11 Mar 2017 14:18

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	149361		
51	54.3	6.7	46.7#	
105	46.8	16.6	56.6	





#65

n-Nitrosodiphenylamine

Concen: 38.60 ng

RT: 10.42 min Scan# 747

Delta R.T. 0.00 min

Lab File: BF093565.D

Acq: 11 Mar 2017 14:18

Instrument :

BNA_F

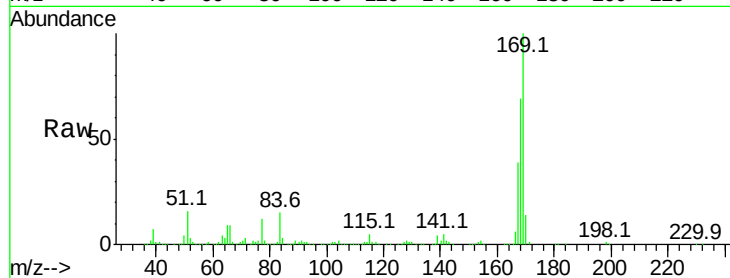
ClientSampleId :

SSTDCCC040

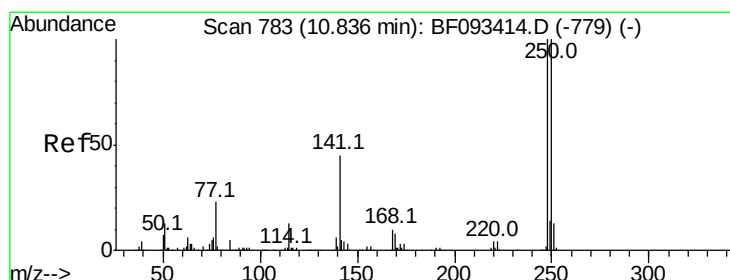
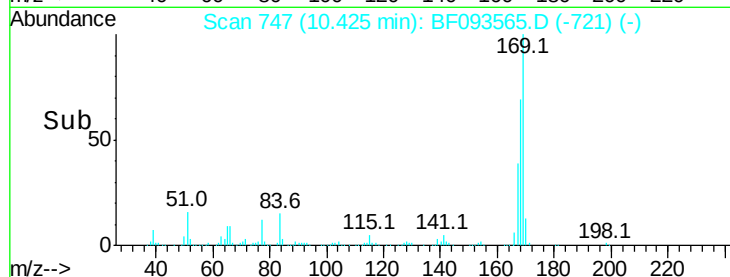
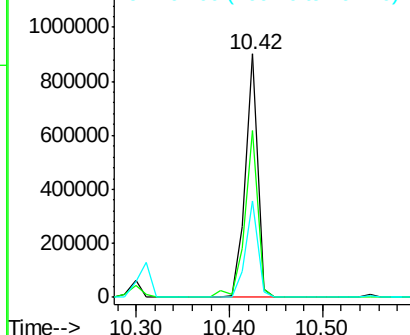
Tot Ion:	169	Resp:	833361
Ion Ratio	Lower	Upper	
169	100		
168	68.7	54.2	81.2
167	39.4	30.2	45.4

Manual Integrations
APPROVED

mohammad
3/15/2017 5:31:00 PM



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



#66

4-Bromophenyl-phenylether

Concen: 37.76 ng

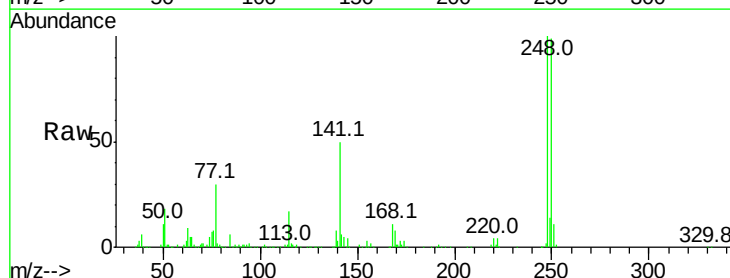
RT: 10.79 min Scan# 779

Delta R.T. 0.00 min

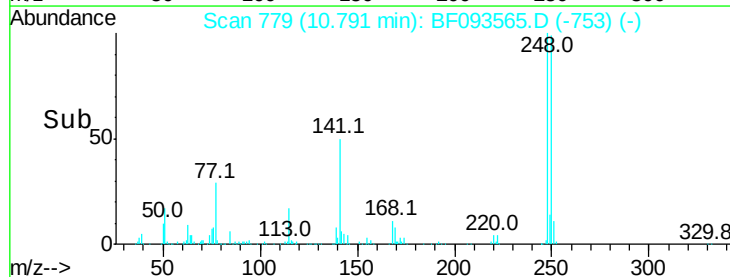
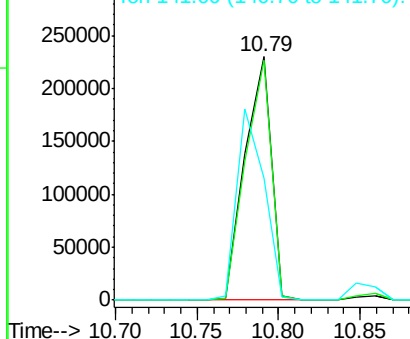
Lab File: BF093565.D

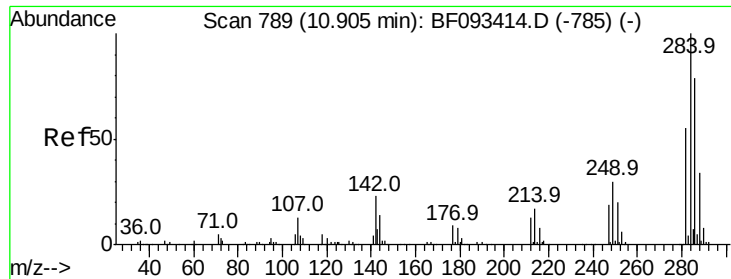
Acq: 11 Mar 2017 14:18

Tgt Ion:	248	Resp:	258184
Ion Ratio	Lower	Upper	
248	100		
250	98.7	76.9	115.3
141	50.1	68.2	102.4#



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





#67

Hexachlorobenzene

Concen: 38.83 ng

RT: 10.86 min Scan# 785

Delta R.T. 0.00 min

Lab File: BF093565.D

Acq: 11 Mar 2017 14:18

Instrument :

BNA_F

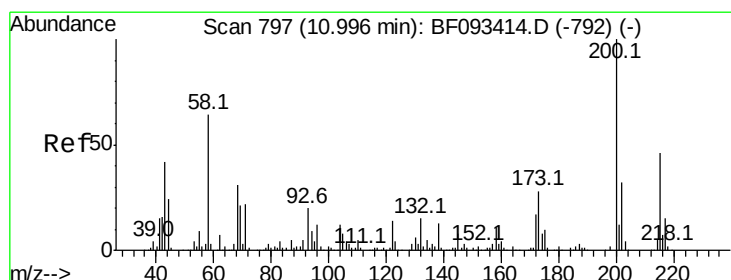
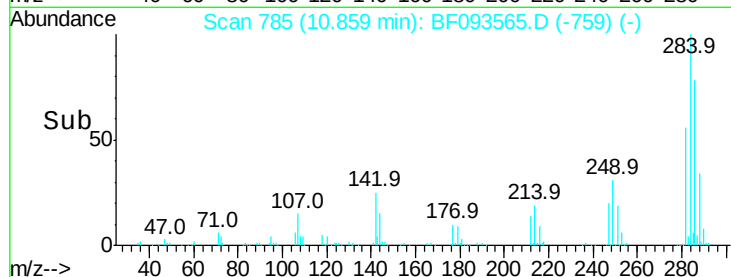
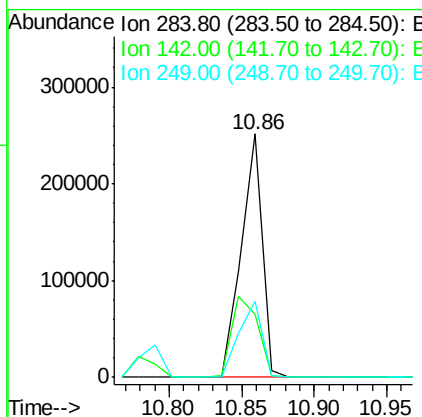
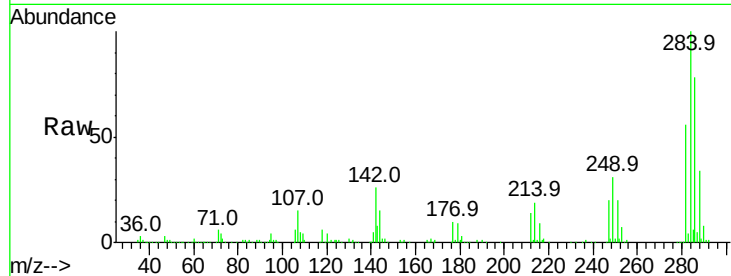
ClientSampleId :

SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
284	100	253516		
142	25.9	22.6	33.8	
249	31.3	25.4	38.0	

Manual Integrations
APPROVED

mohammad
3/15/2017 5:31:00 PM



#68

Atrazine

Concen: 37.20 ng

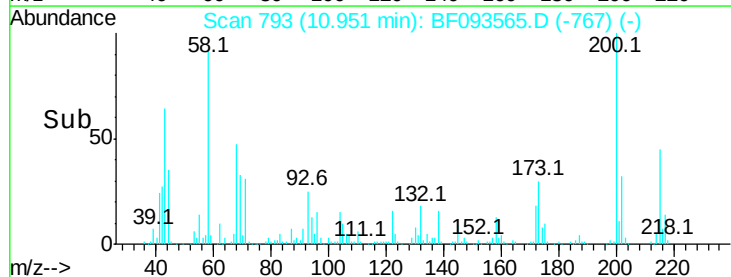
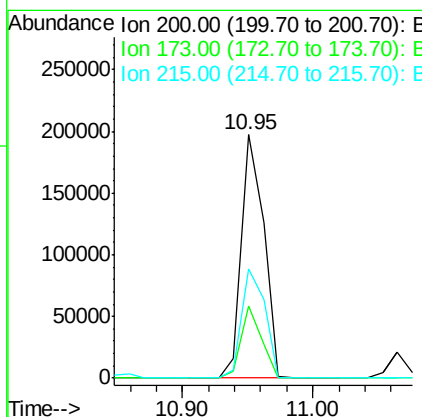
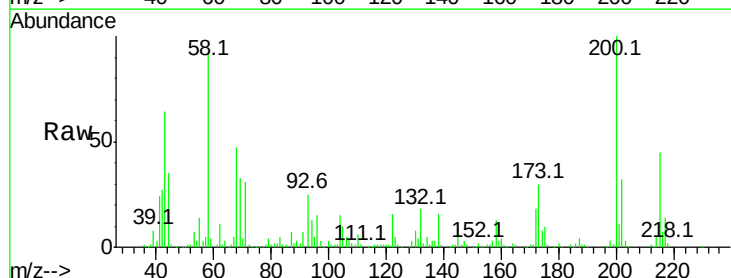
RT: 10.95 min Scan# 793

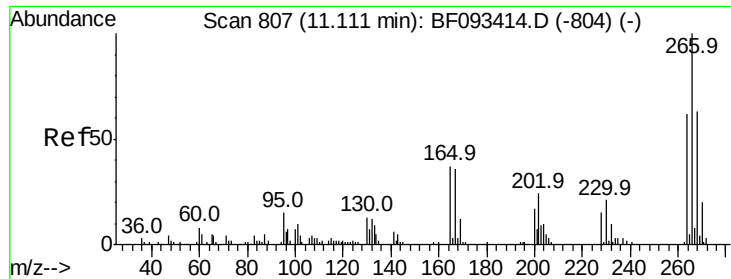
Delta R.T. 0.00 min

Lab File: BF093565.D

Acq: 11 Mar 2017 14:18

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	235071		
173	29.7	9.6	49.6	
215	45.1	25.7	65.7	





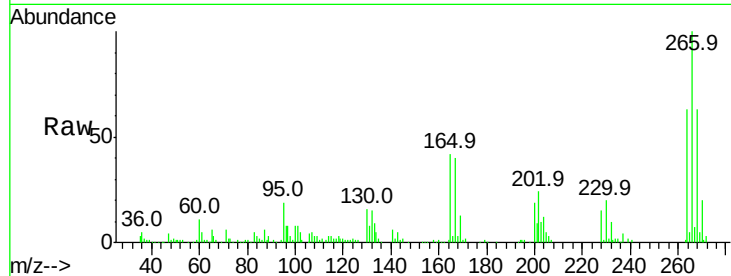
#69
 Pentachlorophenol
 Concen: 55.28 ng
 RT: 11.06 min Scan# 803
 Delta R.T. 0.00 min
 Lab File: BF093565.D
 Acq: 11 Mar 2017 14:18

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

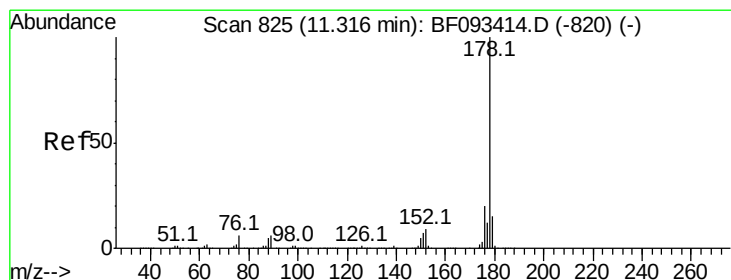
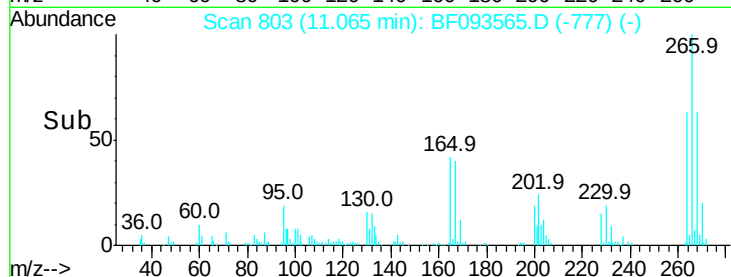
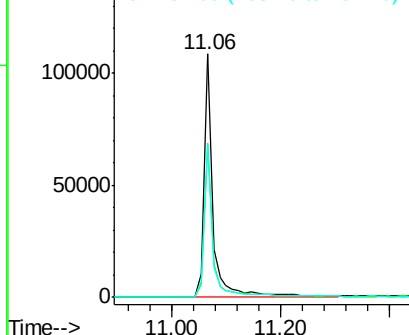
Tot Ion	Ratio	Resp	Lower	Upper
266	100	124608		
268	63.1	53.3	79.9	
264	62.5	50.3	75.5	

Manual Integrations
 APPROVED

mohammad
 3/15/2017 5:31:00 PM

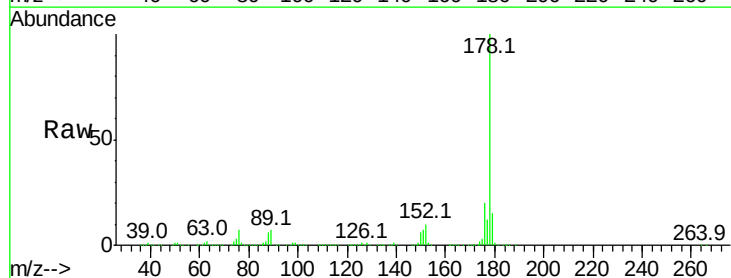


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

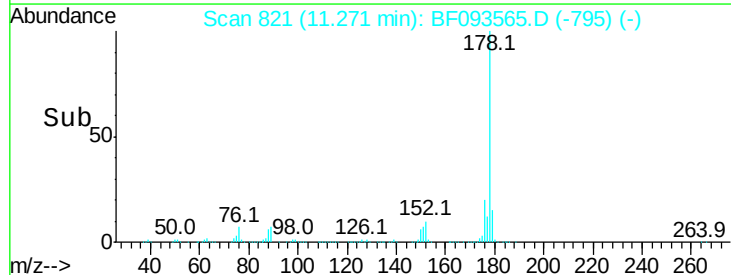
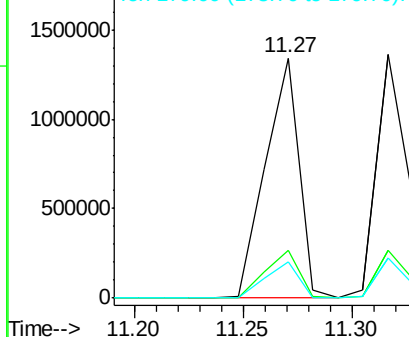


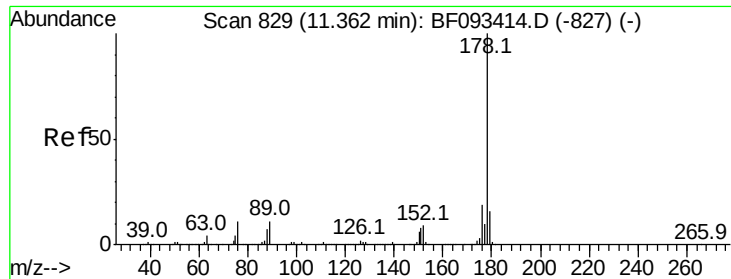
#70
 Phenanthrene
 Concen: 39.22 ng
 RT: 11.27 min Scan# 821
 Delta R.T. 0.00 min
 Lab File: BF093565.D
 Acq: 11 Mar 2017 14:18

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	1447571		
176	20.2	16.6	25.0	
179	15.0	12.8	19.2	



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





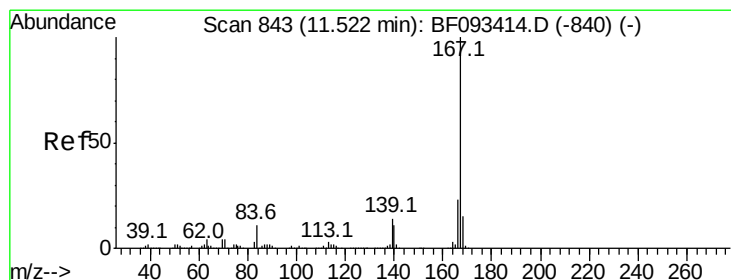
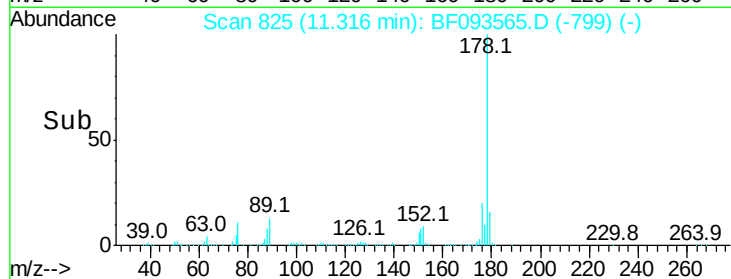
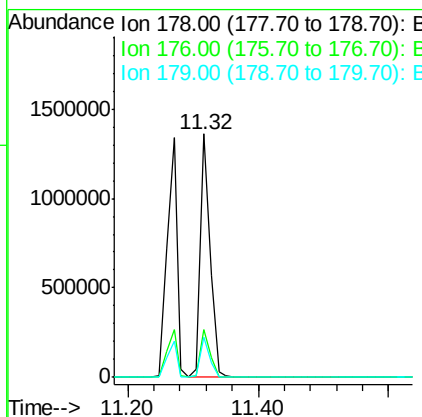
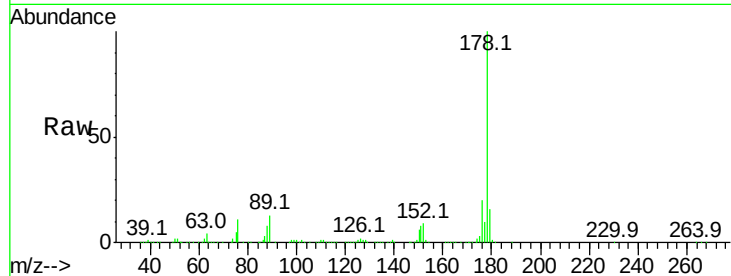
#71
 Anthracene
 Concen: 37.39 ng
 RT: 11.32 min Scan# 825
 Delta R.T. 0.00 min
 Lab File: BF093565.D
 Acq: 11 Mar 2017 14:18

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:178 Resp: 1396014
 Ion Ratio Lower Upper
 178 100
 176 19.7 15.9 23.9
 179 16.2 13.2 19.8

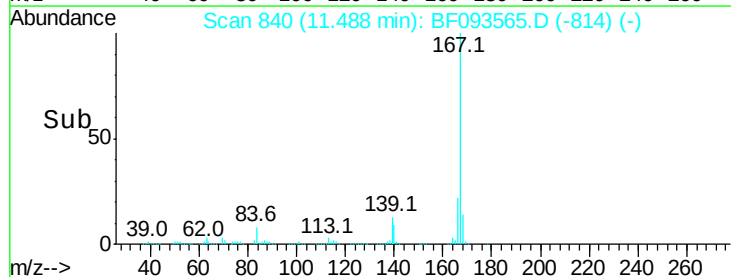
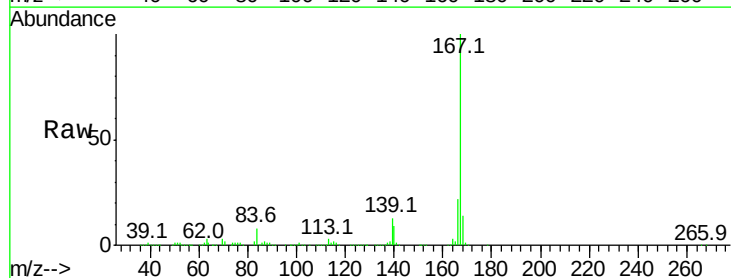
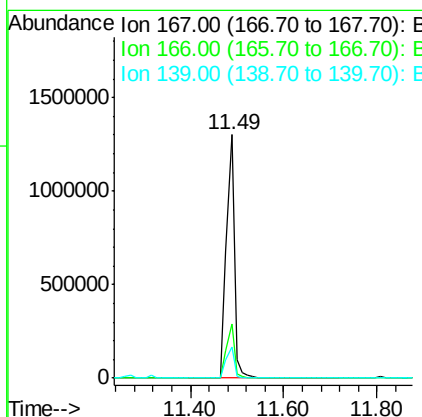
Manual Integrations
 APPROVED

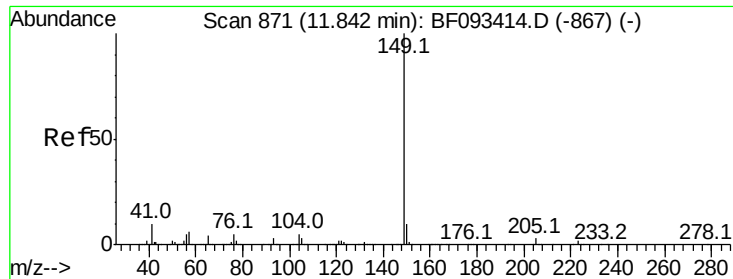
mohammad
 3/15/2017 5:31:00 PM



#72
 Carbazole
 Concen: 42.16 ng
 RT: 11.49 min Scan# 840
 Delta R.T. 0.00 min
 Lab File: BF093565.D
 Acq: 11 Mar 2017 14:18

Tgt Ion:167 Resp: 1478658
 Ion Ratio Lower Upper
 167 100
 166 22.4 18.2 27.2
 139 12.7 11.4 17.2





#73

Di-n-butylphthalate

Concen: 41.81 ng

RT: 11.81 min Scan# 868

Delta R.T. 0.00 min

Lab File: BF093565.D

Acq: 11 Mar 2017 14:18

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:149 Resp: 1696719

Ion Ratio Lower Upper

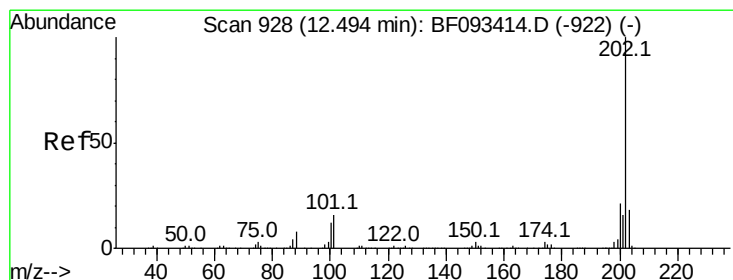
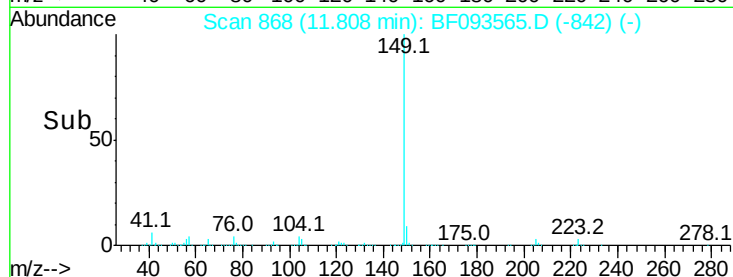
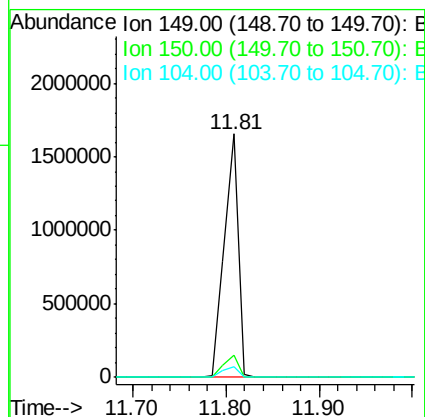
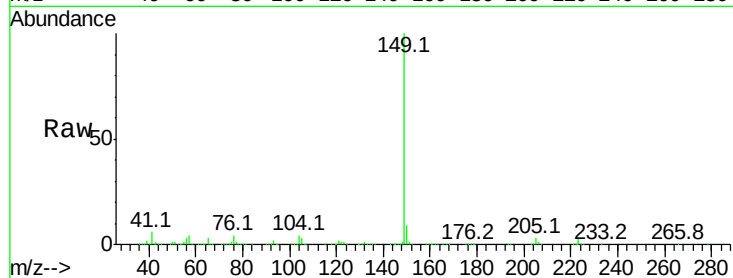
149 100

150 9.3 8.1 12.1

104 4.2 4.6 7.0#

Manual Integrations
APPROVED

mohammad
3/15/2017 5:31:00 PM



#74

Fluoranthene

Concen: 39.45 ng

RT: 12.46 min Scan# 925

Delta R.T. 0.00 min

Lab File: BF093565.D

Acq: 11 Mar 2017 14:18

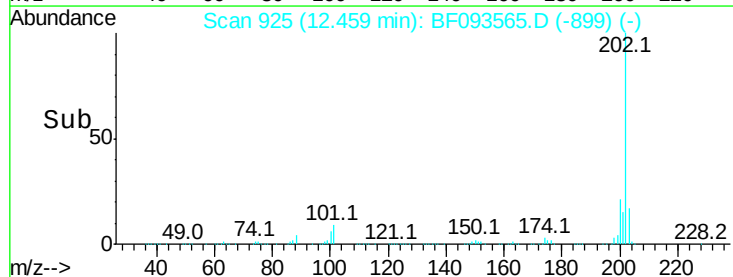
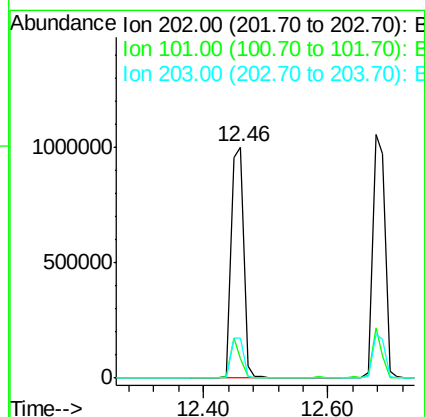
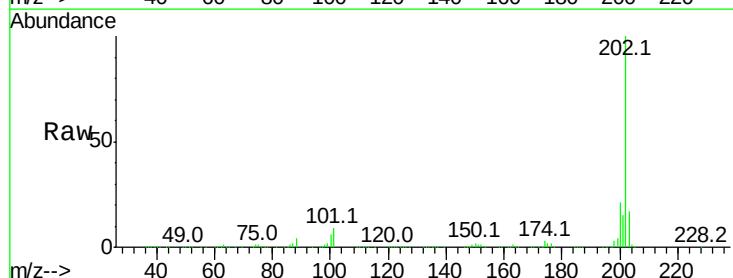
Tgt Ion:202 Resp: 1406296

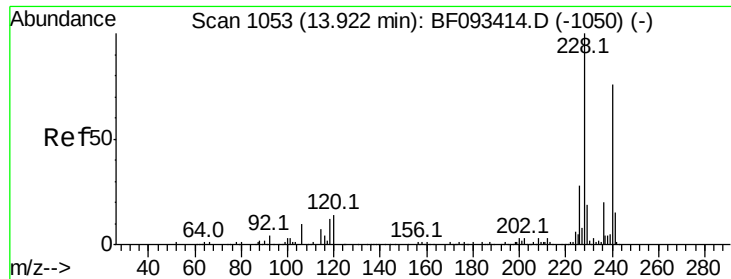
Ion Ratio Lower Upper

202 100

101 8.5 0.0 34.6

203 17.5 0.0 38.7





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.89 min Scan# 1050

Delta R.T. 0.00 min

Lab File: BF093565.D

Acq: 11 Mar 2017 14:18

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:240 Resp: 500572

Ion Ratio Lower Upper

240 100

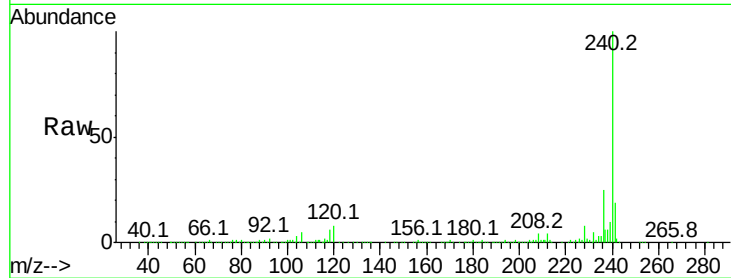
120 7.6 12.9 19.3#

236 25.1 20.9 31.3

Manual Integrations
APPROVED

mohammad

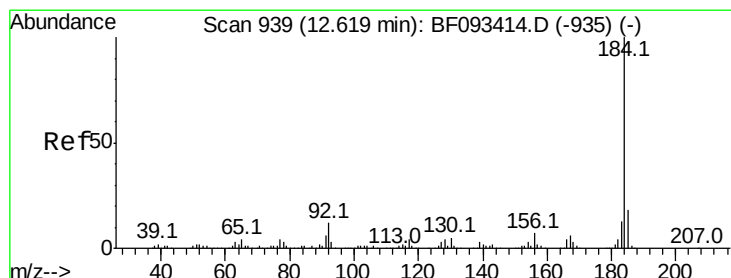
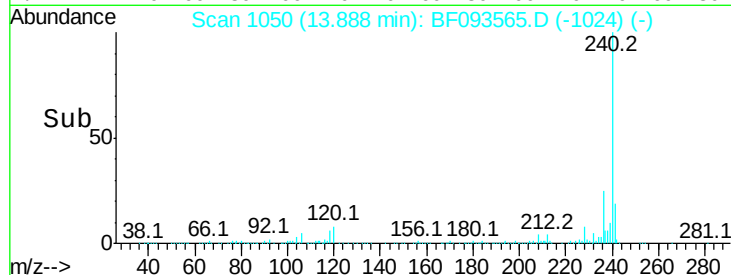
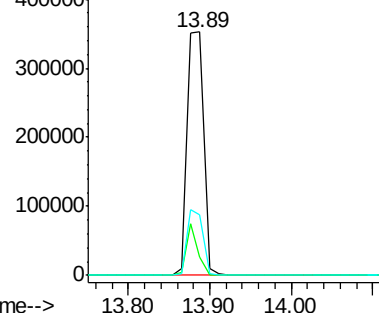
3/15/2017 5:31:00 PM



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 40.95 ng

RT: 12.59 min Scan# 936

Delta R.T. 0.00 min

Lab File: BF093565.D

Acq: 11 Mar 2017 14:18

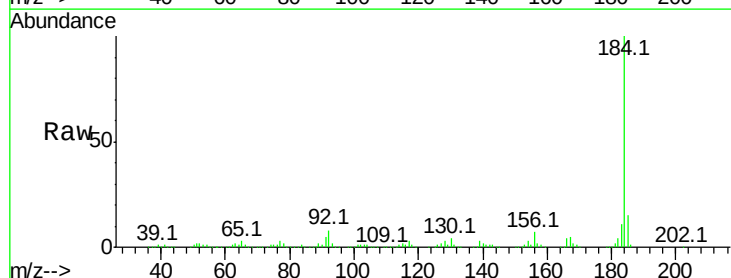
Tgt Ion:184 Resp: 674078

Ion Ratio Lower Upper

184 100

185 14.8 13.4 20.0

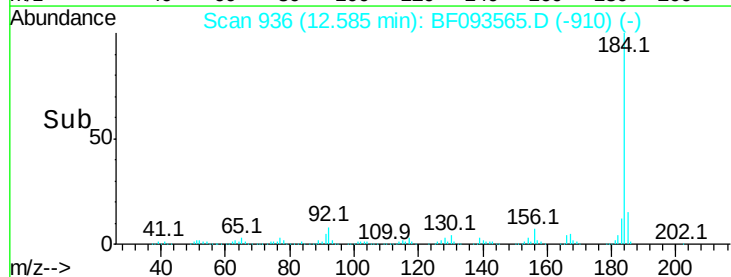
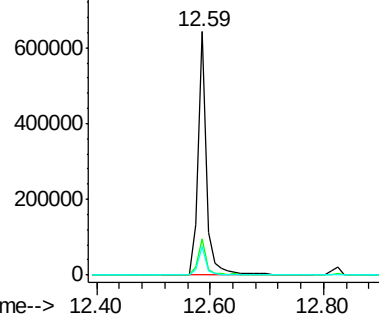
183 11.5 9.2 13.8

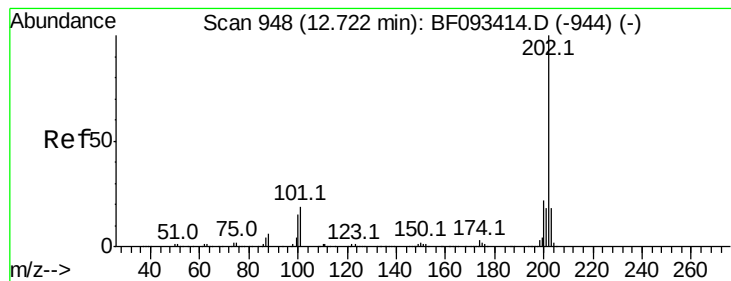


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 39.55 ng

RT: 12.68 min Scan# 944

Delta R.T. 0.00 min

Lab File: BF093565.D

Acq: 11 Mar 2017 14:18

Instrument :

BNA_F

ClientSampled :

SSTDCCC040

Tot Ion:202 Resp: 1440001

Ion Ratio Lower Upper

202 100

200 22.0 17.7 26.5

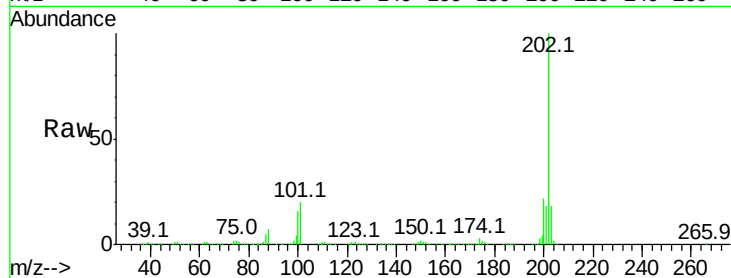
203 18.1 14.7 22.1

Manual Integrations

APPROVED

mohammad

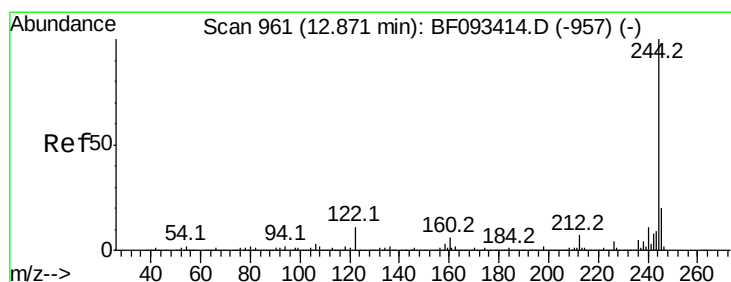
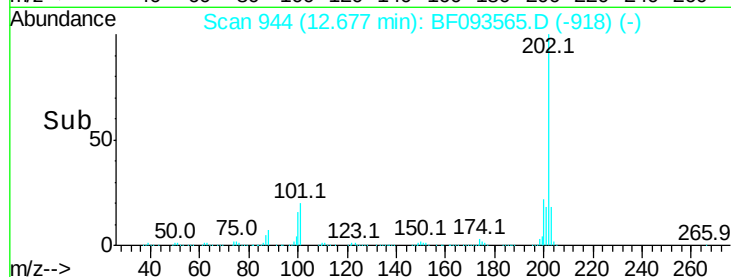
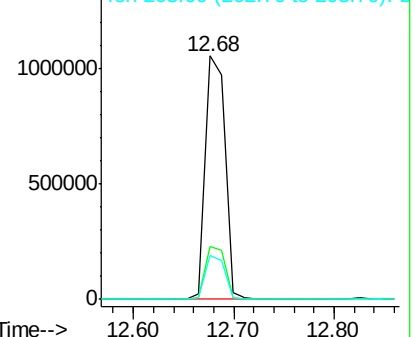
3/15/2017 5:31:00 PM



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: 83.87 ng

RT: 12.83 min Scan# 957

Delta R.T. 0.00 min

Lab File: BF093565.D

Acq: 11 Mar 2017 14:18

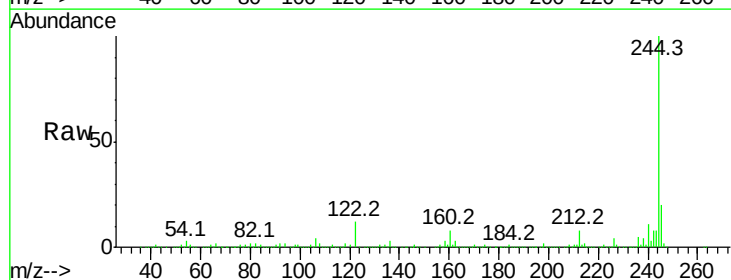
Tgt Ion:244 Resp: 1614715

Ion Ratio Lower Upper

244 100

212 7.7 6.2 9.2

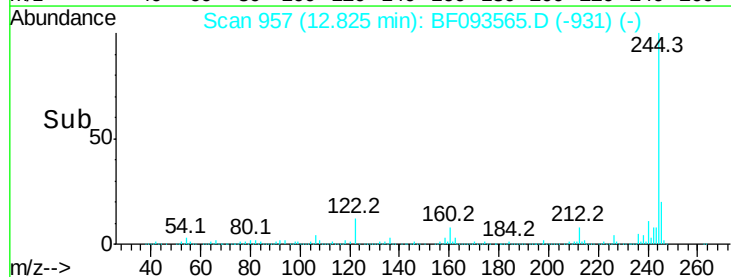
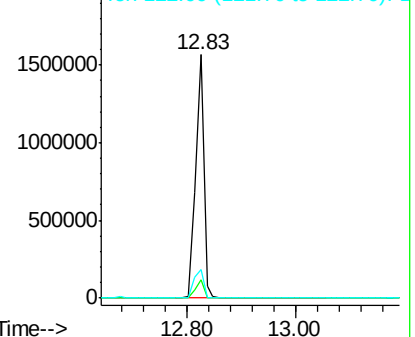
122 11.7 11.4 17.2

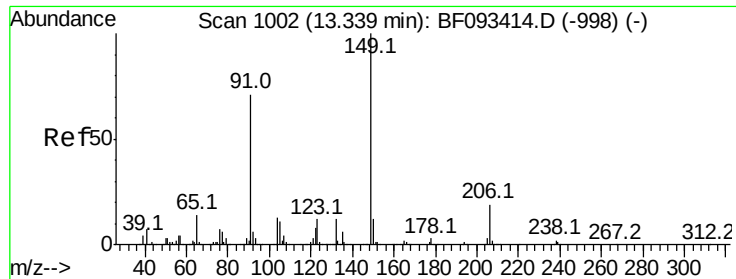


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





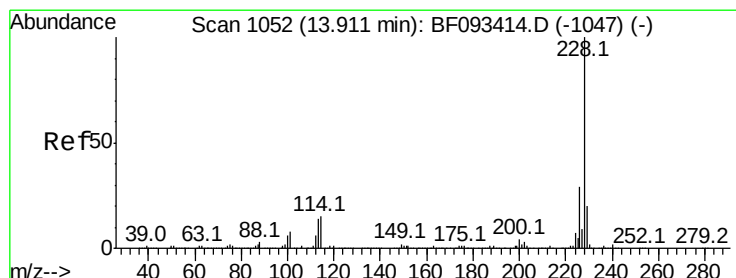
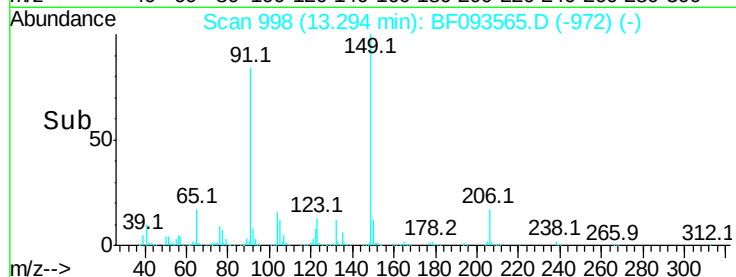
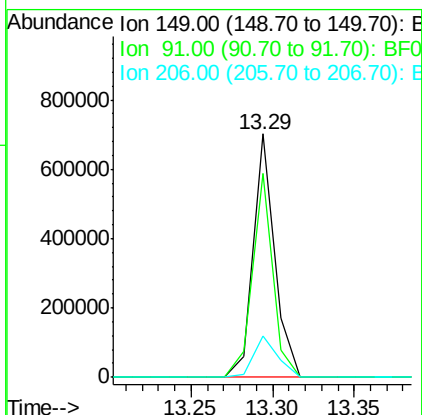
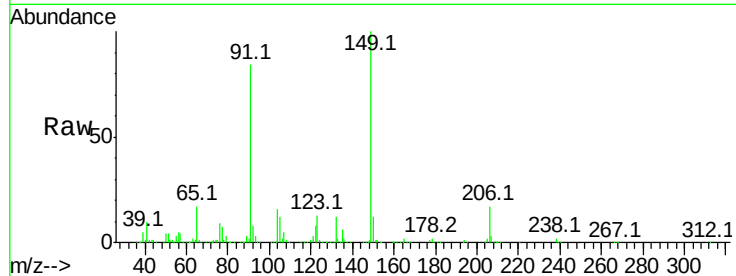
#79
Butylbenzylphthalate
Concen: 41.95 ng
RT: 13.29 min Scan# 998
Delta R.T. 0.00 min
Lab File: BF093565.D
Acq: 11 Mar 2017 14:18

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
149	100	642911		
91	83.7	63.9	95.9	
206	17.1	14.6	21.8	

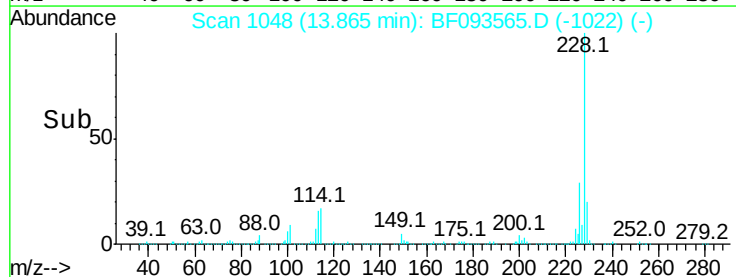
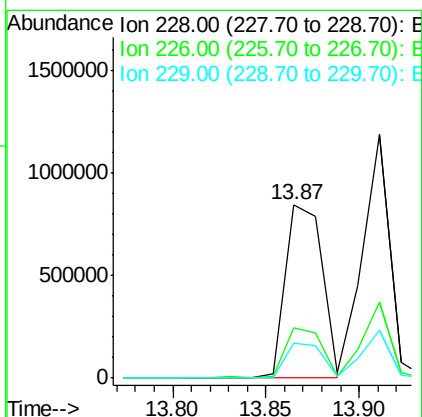
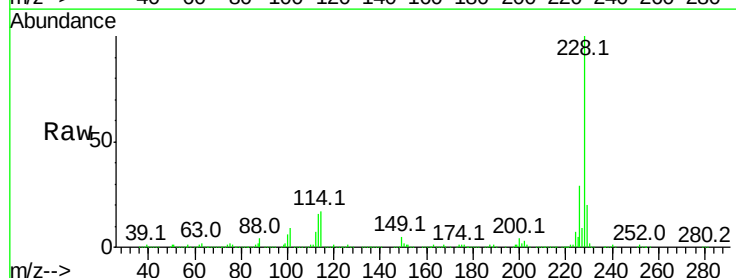
Manual Integrations
APPROVED

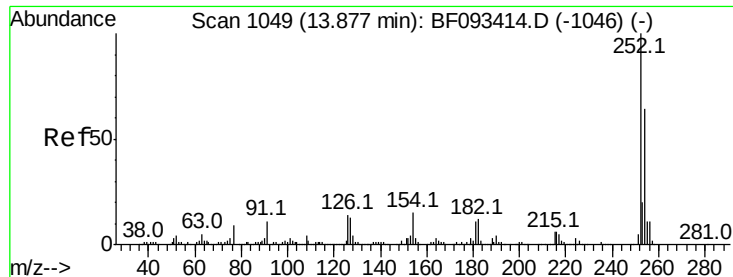
mohammad
3/15/2017 5:31:00 PM



#80
Benzo(a)anthracene
Concen: 39.23 ng
RT: 13.87 min Scan# 1048
Delta R.T. 0.00 min
Lab File: BF093565.D
Acq: 11 Mar 2017 14:18

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	1159576		
226	28.9	22.4	33.6	
229	20.4	16.2	24.4	





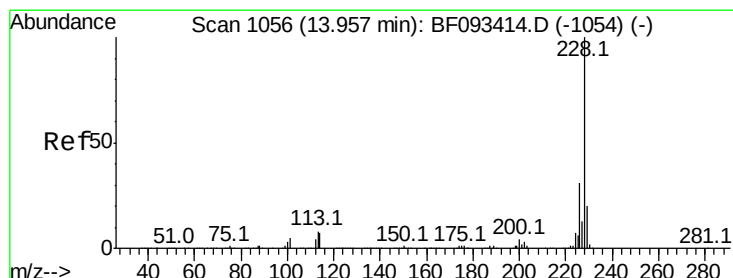
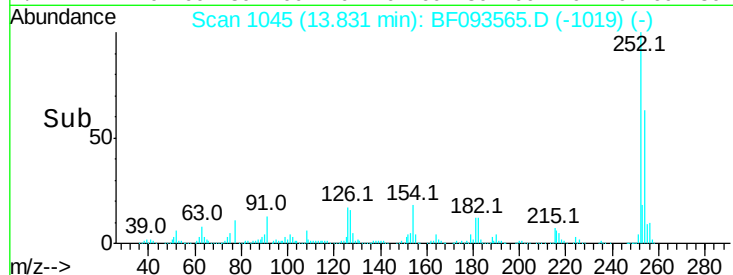
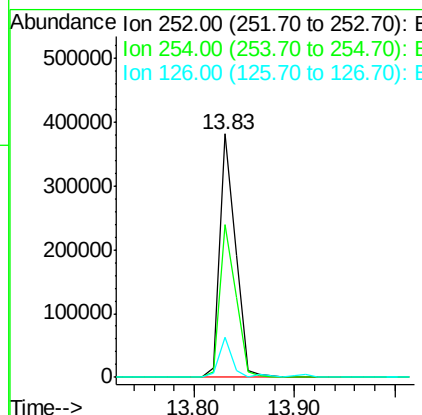
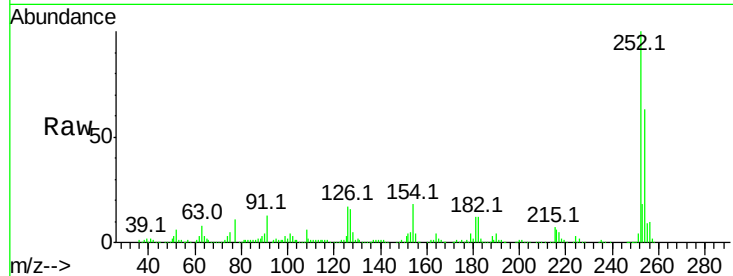
#81
 3,3'-Dichlorobenzidine
 Concen: 40.41 ng
 RT: 13.83 min Scan# 1045
 Delta R.T. 0.00 min
 Lab File: BF093565.D
 Acq: 11 Mar 2017 14:18

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
252	100		
254	62.5	52.3	78.5
126	16.6	13.6	20.4

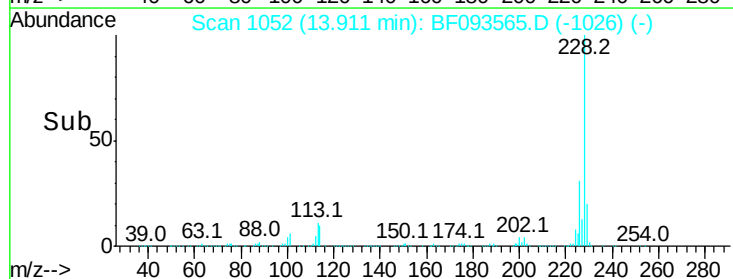
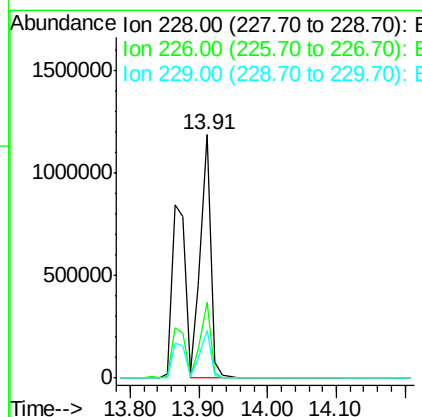
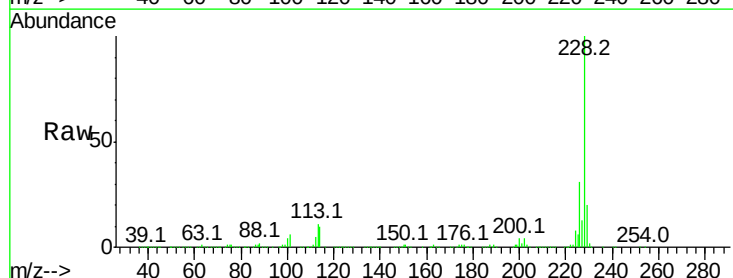
Manual Integrations
 APPROVED

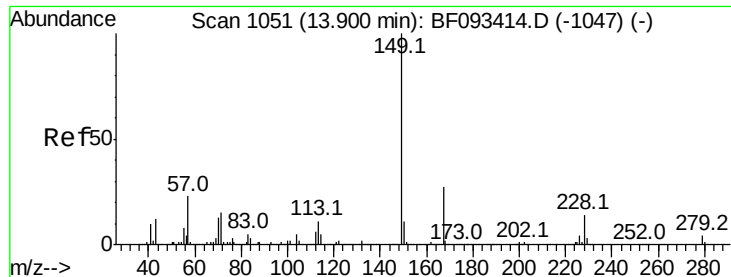
mohammad
 3/15/2017 5:31:00 PM



#82
 Chrysene
 Concen: 43.86 ng
 RT: 13.91 min Scan# 1052
 Delta R.T. 0.00 min
 Lab File: BF093565.D
 Acq: 11 Mar 2017 14:18

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.4	25.4	38.0
229	19.9	16.2	24.2





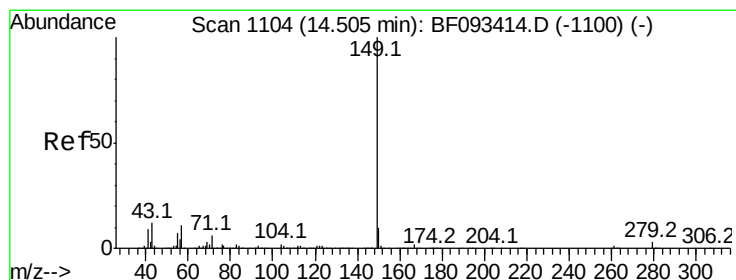
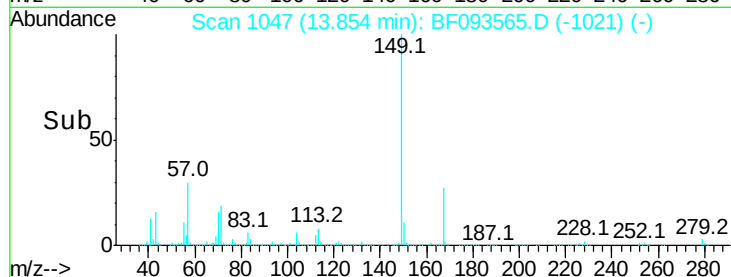
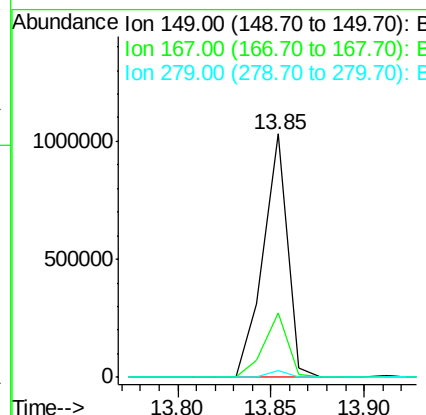
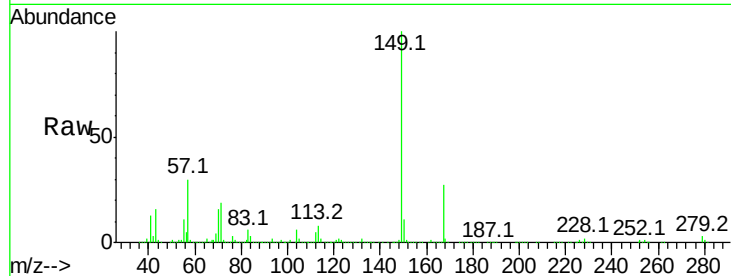
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 44.61 ng
 RT: 13.85 min Scan# 1047
 Delta R.T. 0.00 min
 Lab File: BF093565.D
 Acq: 11 Mar 2017 14:18

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
149	100		
167	26.7	20.2	30.4
279	3.1	1.8	2.8

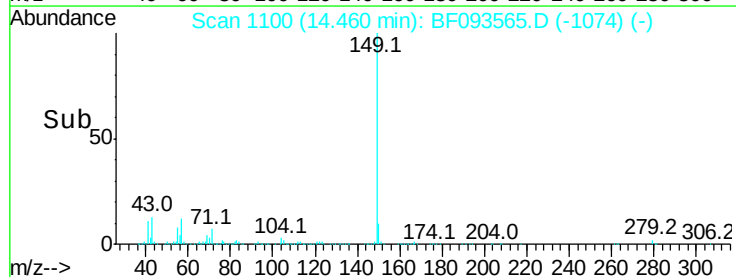
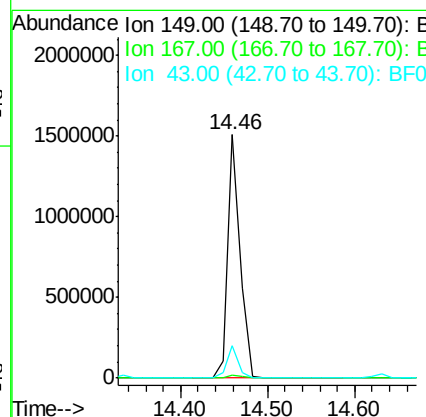
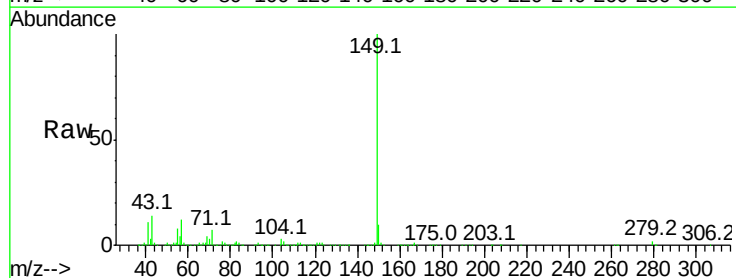
Manual Integrations
 APPROVED

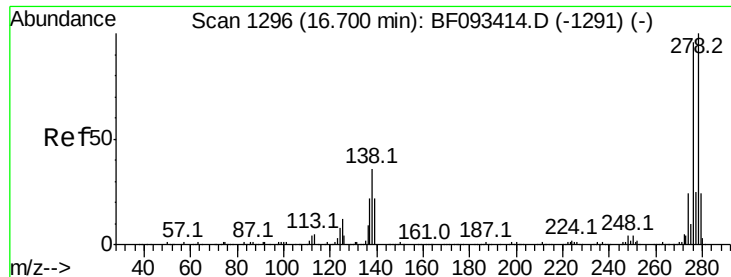
mohammad
 3/15/2017 5:31:00 PM



#84
 Di-n-octyl phthalate
 Concen: 42.38 ng
 RT: 14.46 min Scan# 1100
 Delta R.T. 0.00 min
 Lab File: BF093565.D
 Acq: 11 Mar 2017 14:18

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.3	1.9
43	12.6	8.9	13.3





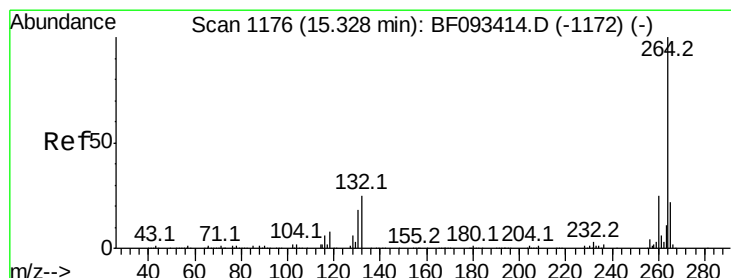
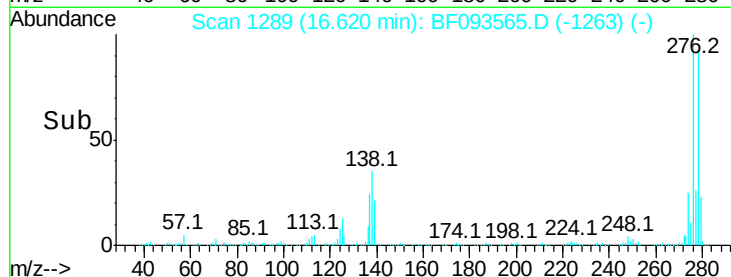
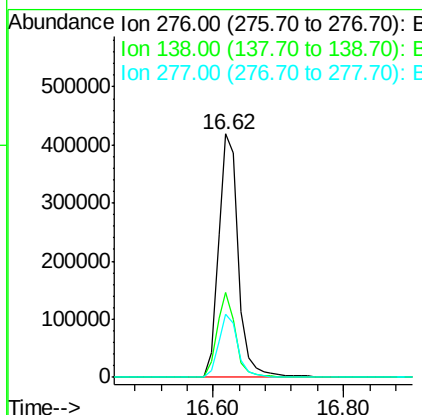
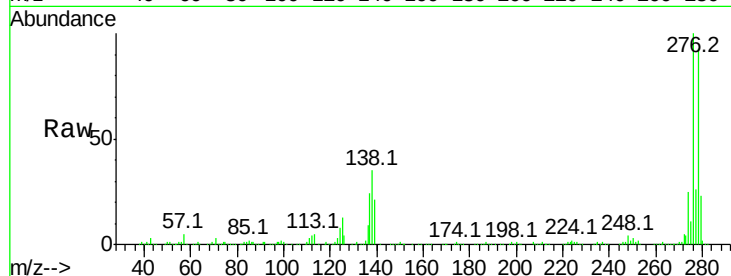
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 38.81 ng
 RT: 16.62 min Scan# 1289
 Delta R.T. 0.00 min
 Lab File: BF093565.D
 Acq: 11 Mar 2017 14:18

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
276	100	888470		
138	33.2	21.8	32.6	#
277	25.1	20.2	30.4	

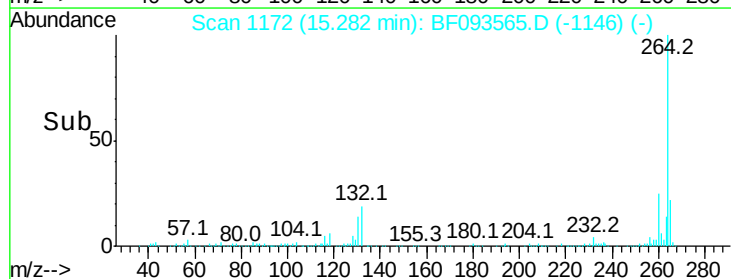
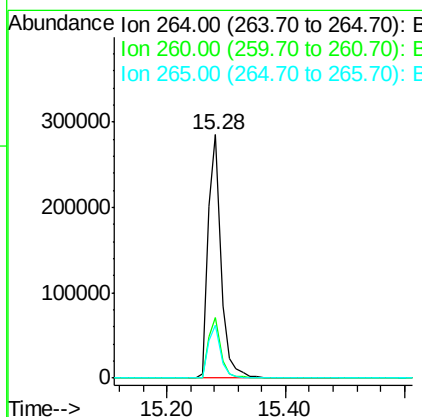
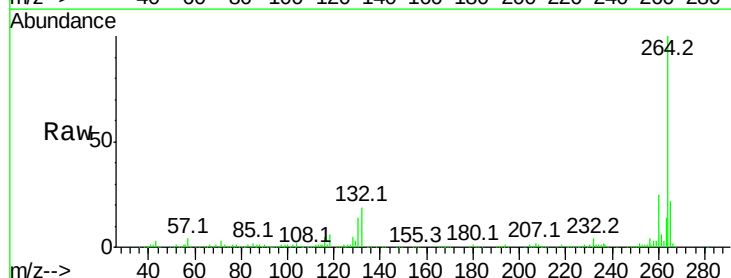
Manual Integrations
 APPROVED

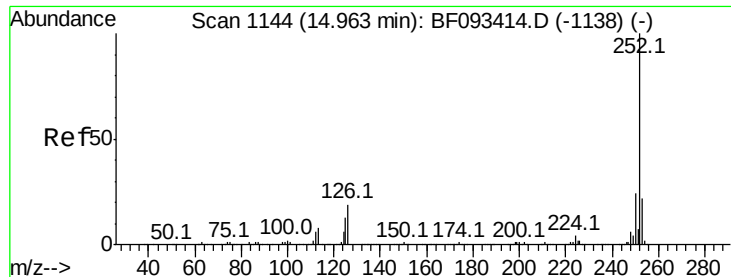
mohammad
 3/15/2017 5:31:00 PM



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.28 min Scan# 1172
 Delta R.T. 0.00 min
 Lab File: BF093565.D
 Acq: 11 Mar 2017 14:18

Tgt Ion	Ratio	Resp	Lower	Upper
264	100	429541		
260	24.7	19.2	28.8	
265	21.9	17.4	26.0	





#87

Benzo(b)fluoranthene

Concen: 49.13 ng m

RT: 14.89 min Scan# 1138

Delta R.T. 0.00 min

Lab File: BF093565.D

Acq: 11 Mar 2017 14:18

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:252 Resp: 1285334

Ion Ratio Lower Upper

252 100

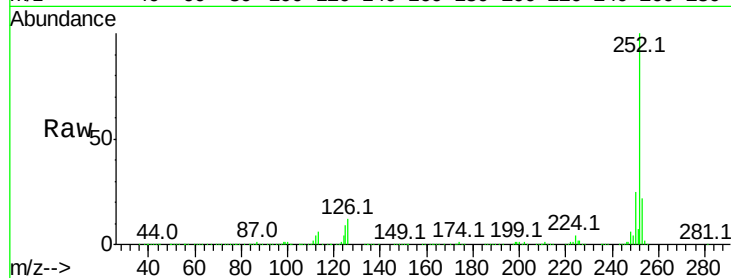
253 21.9 18.2 27.4

125 8.5 9.8 14.6#

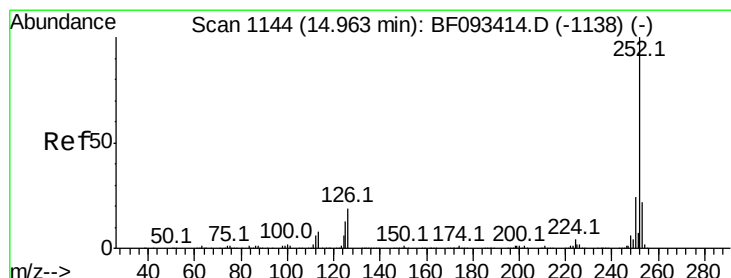
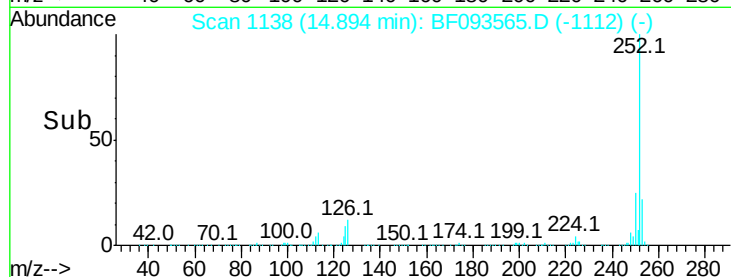
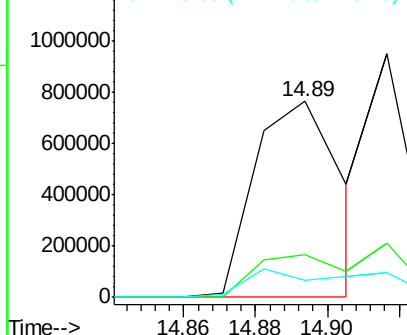
Manual Integrations
APPROVED

mohammad

3/15/2017 5:31:00 PM



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 31.93 ng m

RT: 14.92 min Scan# 1140

Delta R.T. 0.00 min

Lab File: BF093565.D

Acq: 11 Mar 2017 14:18

Tgt Ion:252 Resp: 805653

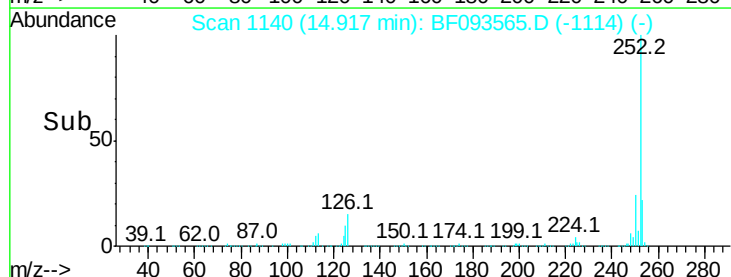
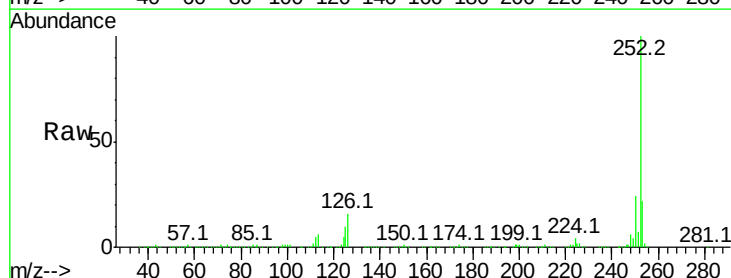
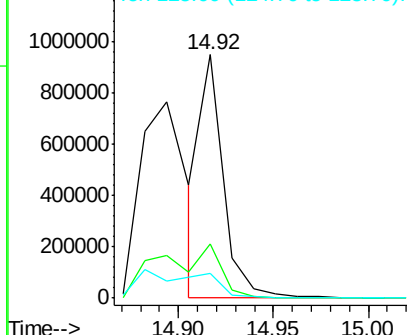
Ion Ratio Lower Upper

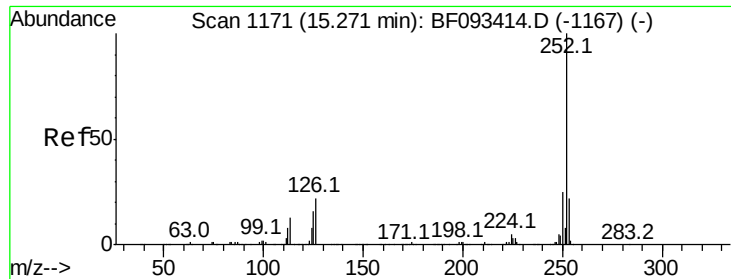
252 100

253 22.3 18.5 27.7

125 10.4 8.9 13.3

Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





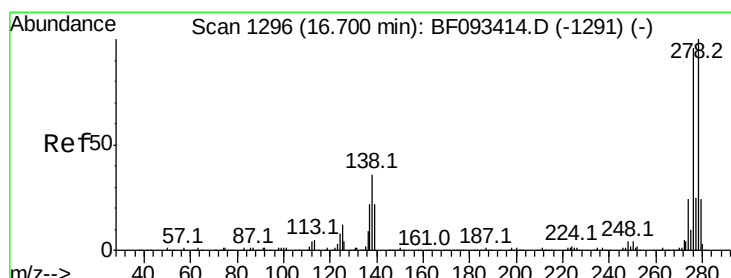
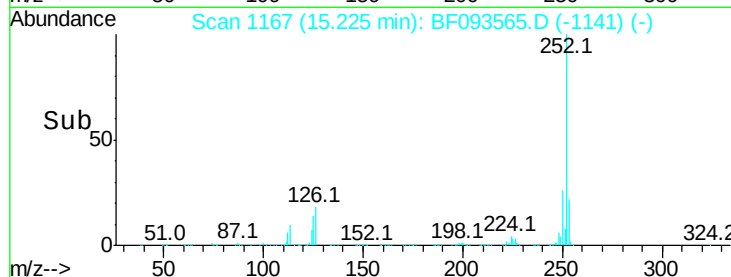
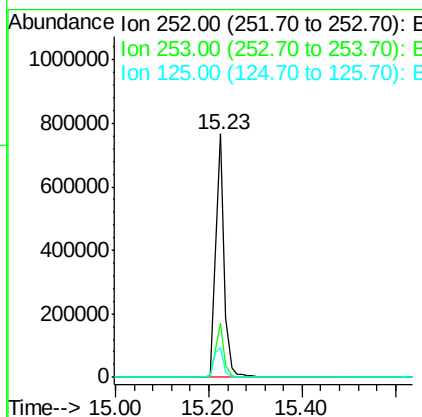
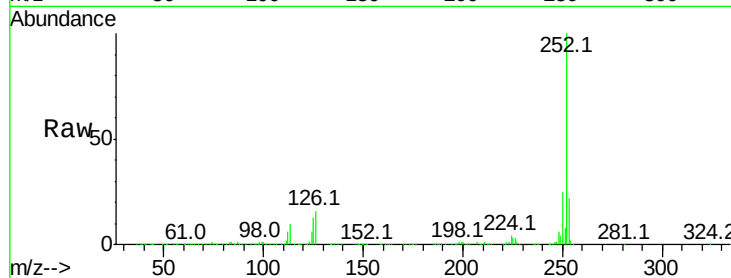
#89
Benzo(a)pyrene
Concen: 40.61 ng
RT: 15.23 min Scan# 1167
Delta R.T. 0.00 min
Lab File: BF093565.D
Acq: 11 Mar 2017 14:18

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.0	18.2	27.2
125	12.5	10.0	15.0

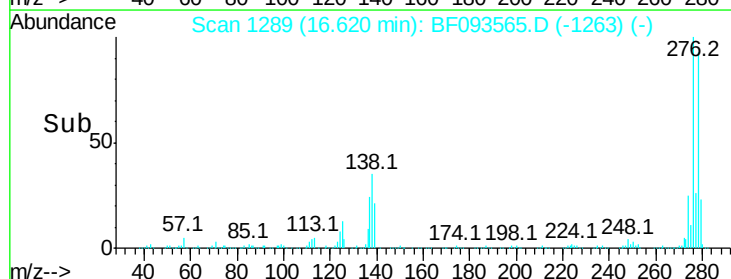
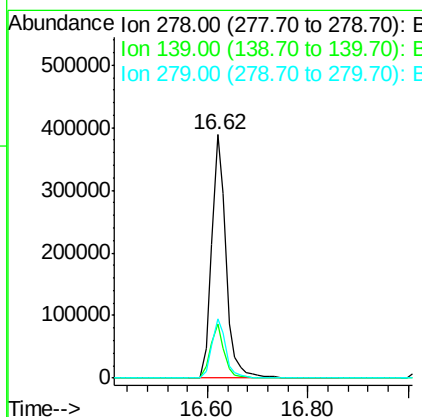
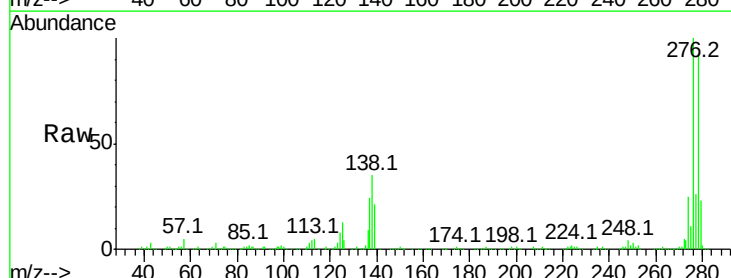
Manual Integrations
APPROVED

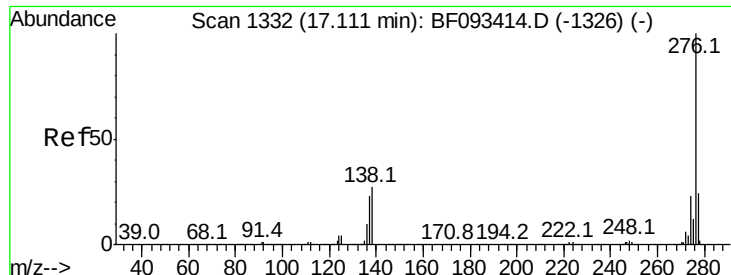
mohammad
3/15/2017 5:31:00 PM



#90
Dibenzo(a,h)anthracene
Concen: 38.95 ng
RT: 16.62 min Scan# 1289
Delta R.T. 0.00 min
Lab File: BF093565.D
Acq: 11 Mar 2017 14:18

Tgt Ion	Ratio	Lower	Upper
278	100		
139	22.1	14.8	22.2
279	24.4	19.8	29.6





#91
 Benzo(a,h,i)perylene
 Concen: 38.37 ng
 RT: 17.02 min Scan# 1324
 Delta R.T. 0.00 min
 Lab File: BF093565.D
 Acq: 11 Mar 2017 14:18

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
276	100		
277	24.1	19.2	28.8
138	29.0	16.0	24.0

Manual Integrations
 APPROVED

mohammad
 3/15/2017 5:31:00 PM

