

Data Path : Z:\HPCHEM1\BNA F\DATA\BF022317\
 Data File : BF093108.D
 Acq On : 23 Feb 2017 17:01
 Operator : SJ/MA
 Sample : PB97124BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB97124BS

Manual Integrations
 APPROVED

mohammad
 2/24/2017 2:11:04 PM

Quant Time: Feb 24 00:05:18 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF013017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 17 17:31:55 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	164493	20.00	ng	-0.01
21) Naphthalene-d8	8.13	136	622852	20.00	ng	-0.01
38) Acenaphthene-d10	9.88	164	308558	20.00	ng	-0.01
63) Phenanthrene-d10	11.36	188	542824	20.00	ng	-0.02
75) Chrysene-d12	14.00	240	433846	20.00	ng	-0.02
86) Perylene-d12	15.43	264	350323	20.00	ng	-0.02

System Monitoring Compounds						
5) 2-Fluorophenol	5.44	112	1126711	117.51	ng	-0.01
7) Phenol-d6	6.49	99	1477349	119.75	ng	0.00
23) Nitrobenzene-d5	7.41	82	929249	83.08	ng	-0.01
41) 2,4,6-Tribromophenol	10.67	330	292432	131.04	ng	-0.01
44) 2-Fluorobiphenyl	9.21	172	1730989	101.63	ng	-0.01
78) Terphenyl-d14	12.94	244	1373839	74.41	ng	-0.02

Target Compounds						Qvalue
2) 1,4-Dioxane	2.43	88	146641	28.30	ng	# 86
3) Pyridine	3.15	79	433298	32.89	ng	88
4) n-Nitrosodimethylamine	3.10	42	251624	40.68	ng	86
6) Aniline	6.51	93	564633	33.55	ng	# 46
8) 2-Chlorophenol	6.62	128	441037	41.70	ng	93
9) Benzaldehyde	6.38	77	191837	21.71	ng	94
10) Phenol	6.50	94	621610	43.07	ng	91
11) bis(2-Chloroethyl)ether	6.58	93	432592	37.55	ng	91
12) 1,3-Dichlorobenzene	6.78	146	490463	39.59	ng	99
13) 1,4-Dichlorobenzene	6.85	146	489488	39.04	ng	99
14) 1,2-Dichlorobenzene	7.01	146	490264	40.89	ng	96
15) Benzyl Alcohol	6.99	79	352498	38.60	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.13	45	799519	39.95	ng	94
17) 2-Methylphenol	7.10	107	382314	42.13	ng	97
18) Hexachloroethane	7.36	117	170366	39.80	ng	89
19) n-Nitroso-di-n-propylamine	7.26	70	313231	39.89	ng	99
20) 3+4-Methylphenols	7.26	107	450540	41.53	ng	97
22) Acetophenone	7.25	105	604473	42.51	ng	# 95
24) Nitrobenzene	7.44	77	527910	45.97	ng	# 87
25) Isophorone	7.68	82	938897	45.05	ng	99
26) 2-Nitrophenol	7.74	139	240025	43.97	ng	94
27) 2,4-Dimethylphenol	7.79	122	435231	45.39	ng	97
28) bis(2-Chloroethoxy)methane	7.88	93	579384	41.97	ng	97
29) 2,4-Dichlorophenol	8.00	162	406400	45.45	ng	97
30) 1,2,4-Trichlorobenzene	8.08	180	404689	42.00	ng	98
31) Naphthalene	8.14	128	1246270	39.47	ng	99
32) Benzoic acid	7.94	122	250355	46.37	ng	94
33) 4-Chloroaniline	8.20	127	331525	26.77	ng	98
34) Hexachlorobutadiene	8.27	225	214494	40.46	ng	98
35) Caprolactam	8.58	113	130477m	46.39	ng	
36) 4-Chloro-3-methylphenol	8.69	107	431202	46.25	ng	99
37) 2-Methylnaphthalene	8.84	142	906557	44.72	ng	97
39) 1,2,4,5-Tetrachlorobenzene	9.00	216	361168	41.70	ng	99
40) Hexachlorocyclopentadiene	8.99	237	320702	82.07	ng	95

Data Path : Z:\HPCHEM1\BNA F\DATA\BF022317\
 Data File : BF093108.D
 Acq On : 23 Feb 2017 17:01
 Operator : SJ/MA
 Sample : PB97124BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB97124BS

Manual Integrations
 APPROVED

mohammad
 2/24/2017 2:11:04 PM

Quant Time: Feb 24 00:05:18 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF013017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 17 17:31:55 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.13	196	275725	48.45	nq	95
43) 2,4,5-Trichlorophenol	9.16	196	286964	46.02	nq	96
45) 1,1'-Biphenyl	9.30	154	1012159	45.30	nq	96
46) 2-Chloronaphthalene	9.33	162	848177	48.53	nq	96
47) 2-Nitroaniline	9.42	65	265067	45.11	nq	94
48) Acenaphthylene	9.74	152	1355939	44.91	nq	98
49) Dimethylphthalate	9.61	163	949241	45.67	nq	99
50) 2,6-Dinitrotoluene	9.68	165	245615	54.72	nq	88
51) Acenaphthene	9.92	154	809924	44.87	nq	96
52) 3-Nitroaniline	9.84	138	151906	29.57	nq	90
53) 2,4-Dinitrophenol	9.95	184	219827	95.31	nq	# 56
54) Dibenzofuran	10.09	168	1142552	47.32	nq	95
55) 4-Nitrophenol	10.02	139	355036	95.97	nq	89
56) 2,4-Dinitrotoluene	10.08	165	259684	43.46	nq	# 92
57) Fluorene	10.43	166	920682	49.56	nq	98
58) 2,3,4,6-Tetrachlorophenol	10.21	232	218713	52.58	nq	96
59) Diethylphthalate	10.30	149	926555	47.31	nq	98
60) 4-Chlorophenyl-phenylether	10.42	204	407806	45.70	nq	87
61) 4-Nitroaniline	10.46	138	263552	50.10	nq	# 76
62) Azobenzene	10.58	77	1081515	53.45	nq	96
64) 4,6-Dinitro-2-methylphenol	10.49	198	166598	50.29	nq	# 67
65) n-Nitrosodiphenylamine	10.54	169	831678	47.96	nq	99
66) 4-Bromophenyl-phenylether	10.91	248	260206	45.88	nq	# 86
67) Hexachlorobenzene	10.98	284	247473	44.16	nq	# 89
68) Atrazine	11.07	200	259732	46.67	nq	98
69) Pentachlorophenol	11.17	266	266094	90.90	nq	98
70) Phenanthrene	11.39	178	1370301	44.06	nq	98
71) Anthracene	11.44	178	1264745	40.50	nq	99
72) Carbazole	11.60	167	1189741	39.85	nq	99
73) Di-n-butylphthalate	11.93	149	1601838	49.61	nq	# 96
74) Fluoranthene	12.58	202	1362218	42.46	nq	90
76) Benzidine	12.69	184	558495	30.21	nq	97
77) Pyrene	12.80	202	1380643	42.52	nq	99
79) Butylbenzylphthalate	13.41	149	643544	48.81	nq	99
80) Benzo(a)anthracene	13.99	228	1104489	41.62	nq	99
81) 3,3'-Dichlorobenzidine	13.95	252	293155	30.99	nq	98
82) Chrysene	14.03	228	1145009	46.09	nq	99
83) Bis(2-ethylhexyl)phthalate	13.97	149	829328	45.99	nq	99
84) Di-n-octyl phthalate	14.59	149	1512916	51.53	nq	99
85) Indeno(1,2,3-cd)pyrene	16.82	276	825402	42.89	nq	# 94
87) Benzo(b)fluoranthene	15.01	252	1239570m	53.76	nq	
88) Benzo(k)fluoranthene	15.05	252	705397m	35.43	nq	
89) Benzo(a)pyrene	15.37	252	905051	45.38	nq	99
90) Dibenzo(a,h)anthracene	16.83	278	684295	42.45	nq	96
91) Benzo(g,h,i)perylene	17.24	276	702133	43.12	nq	# 90

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

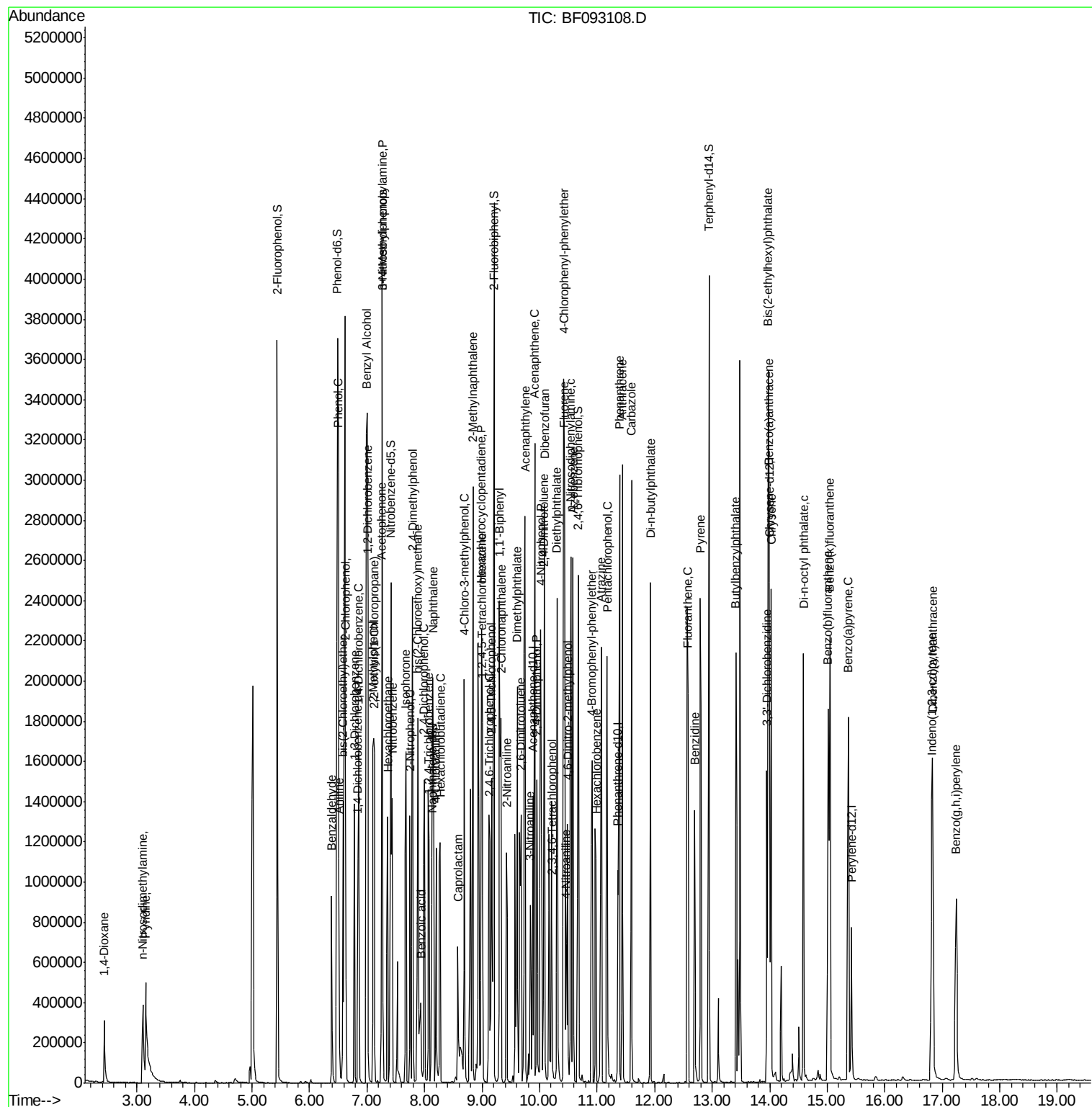
Data Path : Z:\HPCHEM1\BNA F\DATA\BF022317\
Data File : BF093108.D
Acq On : 23 Feb 2017 17:01
Operator : SJ/MA
Sample : PB97124BS
Misc :
ALS Vial : 6 Sample Multiplier: 1

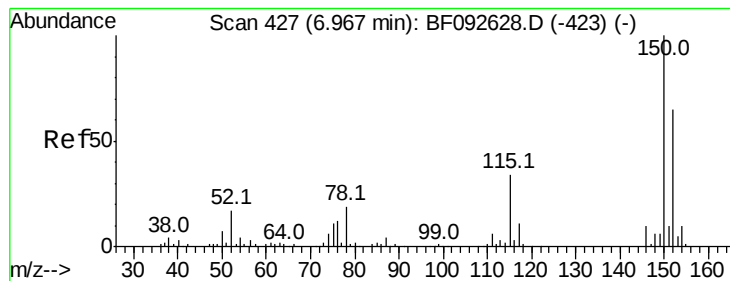
Instrument :
BNA_F
ClientSampleID :
PB97124BS

Manual Integrations
APPROVED

mohammad
2/24/2017 2:11:04 PM

Quant Time: Feb 24 00:05:18 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF013017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Feb 17 17:31:55 2017
Response via : Initial Calibration





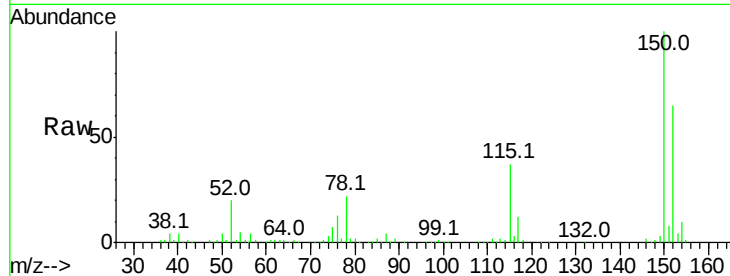
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.84 min Scan# 416
 Delta R.T. -0.01 min
 Lab File: BF093108.D
 Acq: 23 Feb 2017 17:01

Instrument :
 BNA_F
 ClientSampleId :
 PB97124BS

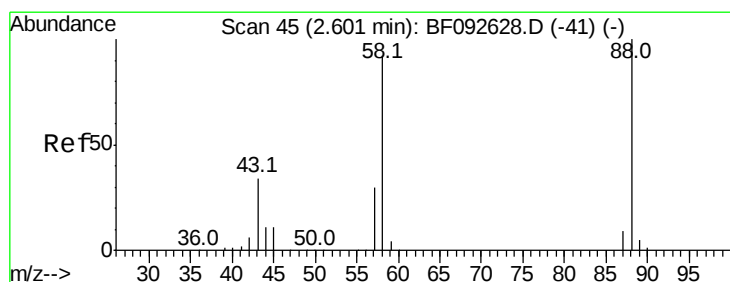
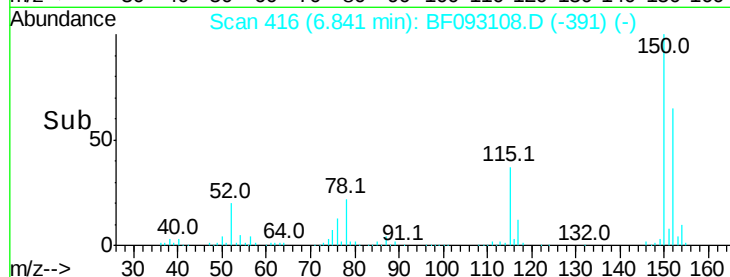
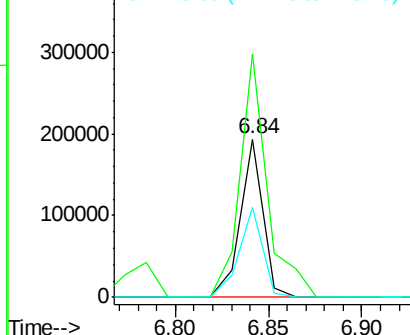
Tot Ion	Ratio	Lower	Upper
152	100		
150	153.7	124.9	187.3
115	57.2	46.0	69.0

Manual Integrations
 APPROVED

mohammad
 2/24/2017 2:11:04 PM

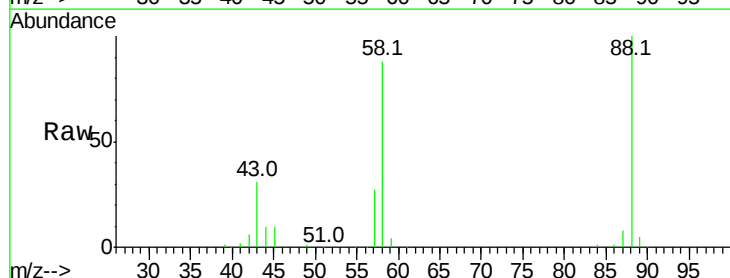


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

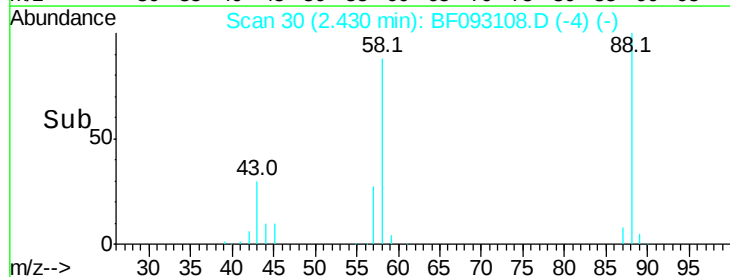
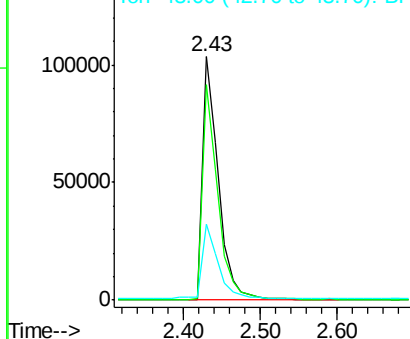


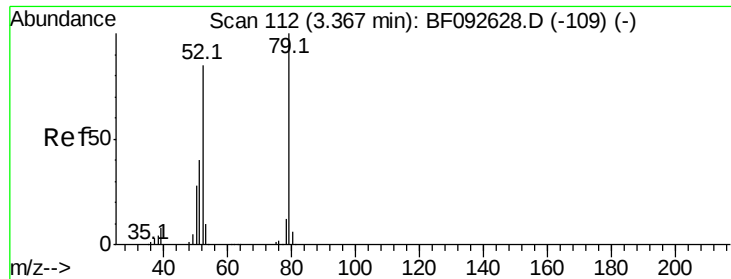
#2
 1,4-Dioxane
 Concen: 28.30 ng
 RT: 2.43 min Scan# 30
 Delta R.T. -0.00 min
 Lab File: BF093108.D
 Acq: 23 Feb 2017 17:01

Tgt Ion	Ratio	Lower	Upper
88	100		
58	87.1	57.8	86.8#
43	30.5	22.3	33.5



Abundance Ion 88.00 (87.70 to 88.70): BF0
 Ion 58.00 (57.70 to 58.70): BF0
 Ion 43.00 (42.70 to 43.70): BF0





#3

Pvridine

Concen: 32.89 ng

RT: 3.15 min Scan# 93

Delta R.T. -0.00 min

Lab File: BF093108.D

Acq: 23 Feb 2017 17:01

Instrument :

BNA_F

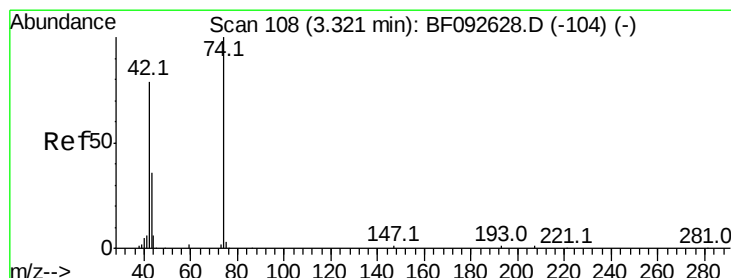
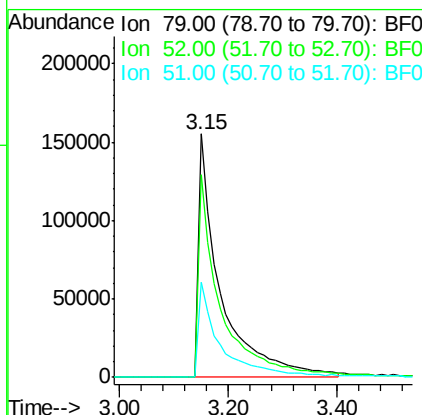
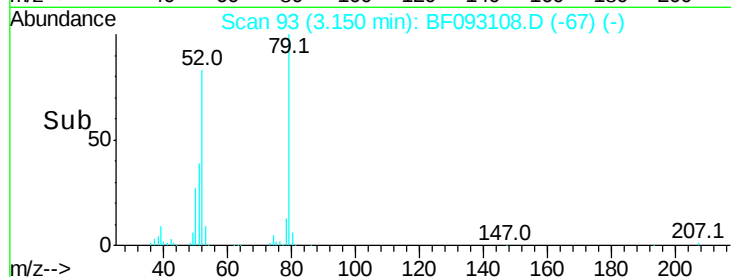
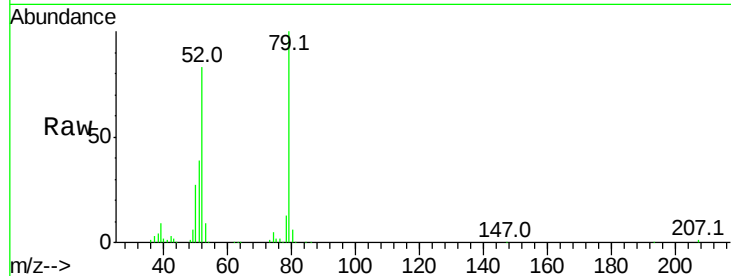
ClientSampleId :

PB97124BS

Tot Ion:	79	Resp:	433298
Ion Ratio	Lower	Upper	
79	100		
52	83.0	57.1	85.7
51	39.0	27.3	40.9

Manual Integrations
APPROVED

mohammad
2/24/2017 2:11:04 PM



#4

n-Nitrosodimethylamine

Concen: 40.68 ng

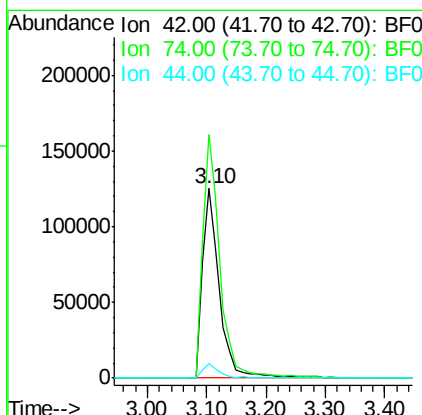
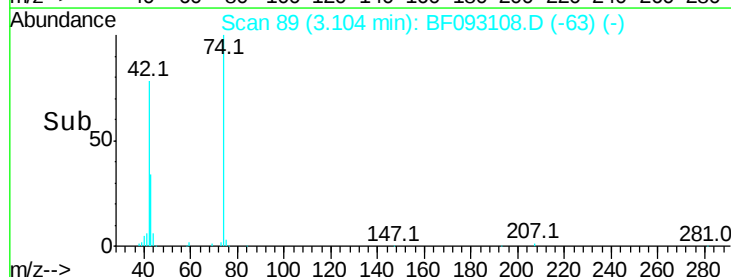
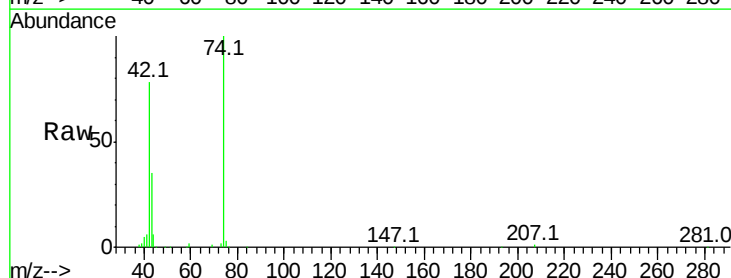
RT: 3.10 min Scan# 89

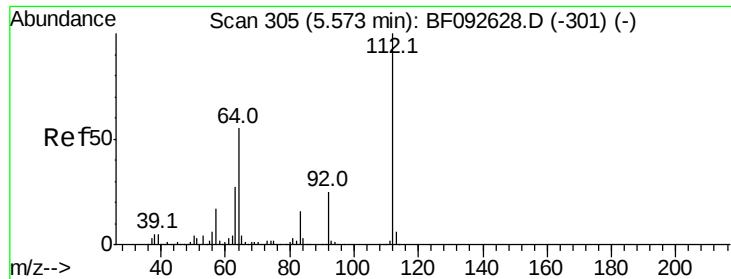
Delta R.T. -0.00 min

Lab File: BF093108.D

Acq: 23 Feb 2017 17:01

Tgt Ion:	42	Resp:	251624
Ion Ratio	Lower	Upper	
42	100		
74	128.4	117.0	175.4
44	7.6	5.5	8.3





#5

2-Fluorophenol

Concen: 117.51 ng

RT: 5.44 min Scan# 293

Delta R.T. -0.01 min

Lab File: BF093108.D

Acq: 23 Feb 2017 17:01

Instrument :

BNA_F

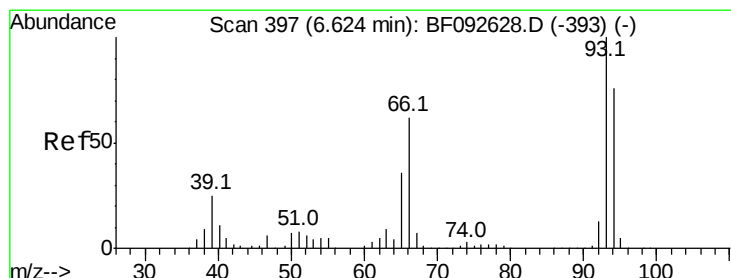
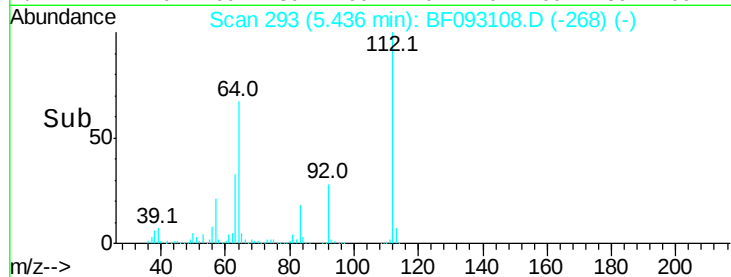
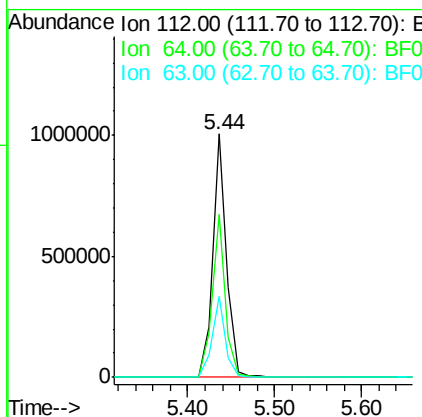
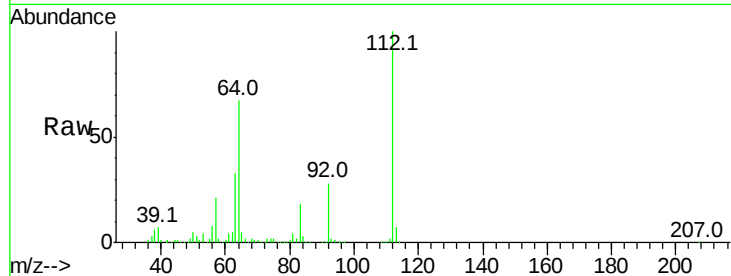
ClientSampleId :

PB97124BS

Tot Ion:	112	Resp:	1126711
Ion	Ratio	Lower	Upper
112	100		
64	67.0	46.1	69.1
63	33.3	23.8	35.6

Manual Integrations
APPROVED

mohammad
2/24/2017 2:11:04 PM



#6

Aniline

Concen: 33.55 ng

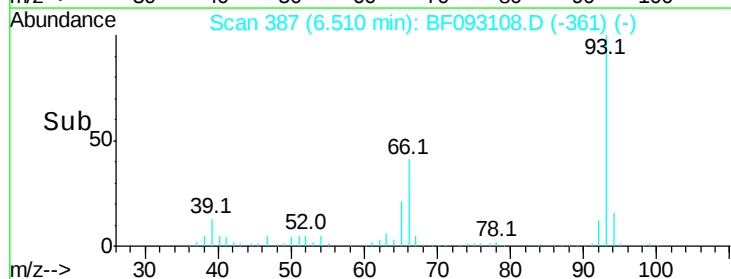
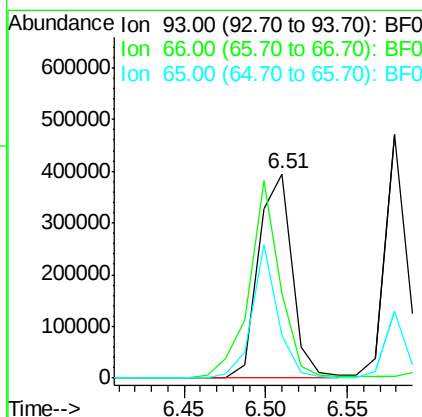
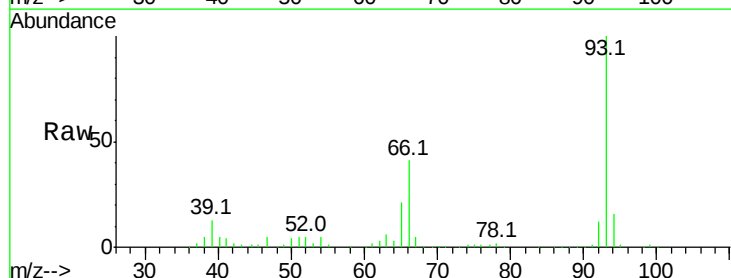
RT: 6.51 min Scan# 387

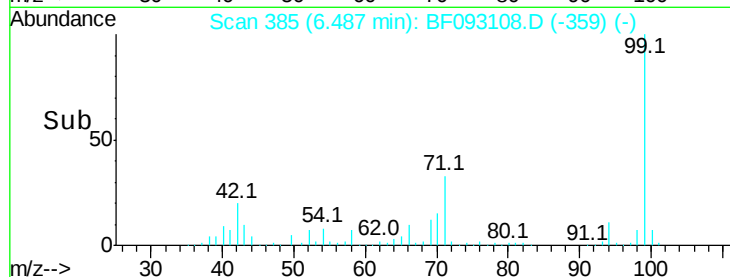
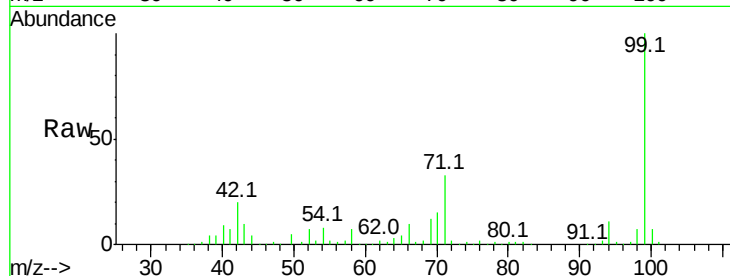
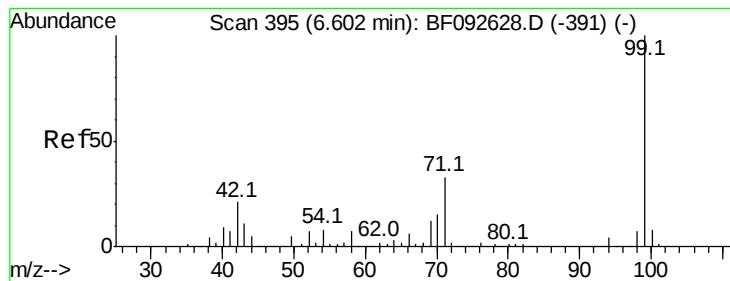
Delta R.T. -0.00 min

Lab File: BF093108.D

Acq: 23 Feb 2017 17:01

Tgt Ion:	93	Resp:	564633
Ion	Ratio	Lower	Upper
93	100		
66	41.3	76.2	114.2#
65	20.9	49.3	73.9#





#7

Phenol-d6

Concen: 119.75 ng

RT: 6.49 min Scan# 385

Delta R.T. -0.00 min

Lab File: BF093108.D

Acq: 23 Feb 2017 17:01

Tot Ion: 99 Resp: 1477349

Ion Ratio Lower Upper

99 100

42 19.5 15.6 23.4

71 32.5 27.5 41.3

Instrument :

BNA_F

ClientSampleId :

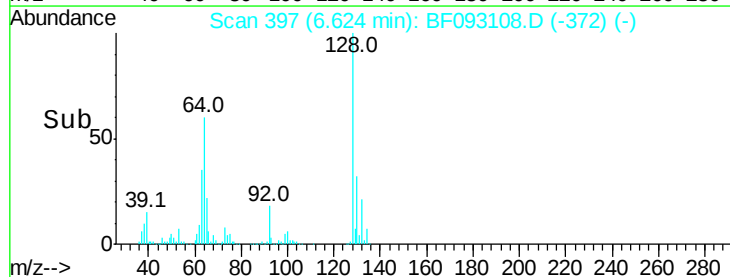
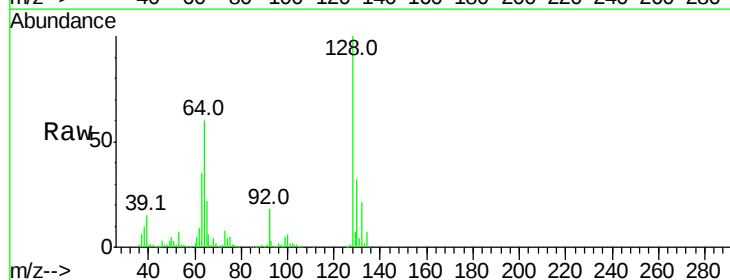
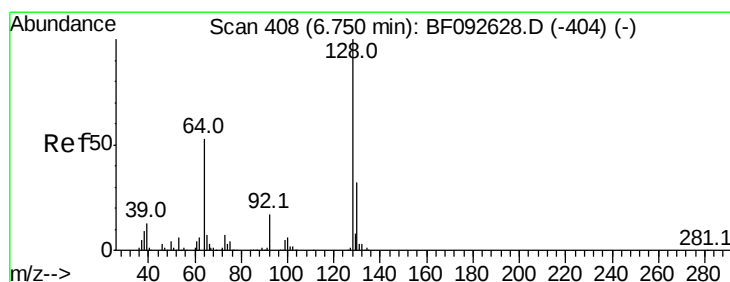
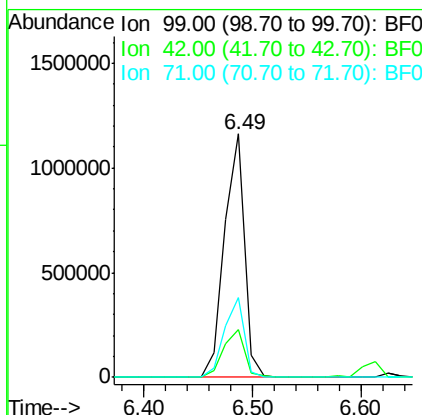
PB97124BS

Manual Integrations

APPROVED

mohammad

2/24/2017 2:11:04 PM



#8

2-Chlorophenol

Concen: 41.70 ng

RT: 6.62 min Scan# 397

Delta R.T. -0.01 min

Lab File: BF093108.D

Acq: 23 Feb 2017 17:01

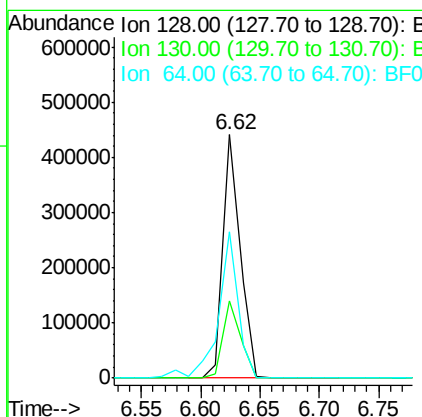
Tgt Ion:128 Resp: 441037

Ion Ratio Lower Upper

128 100

130 31.8 12.3 52.3

64 60.1 32.2 72.2





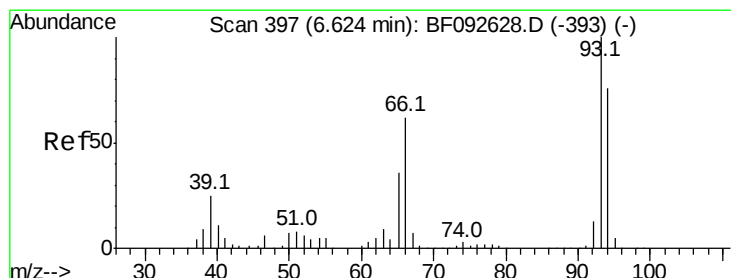
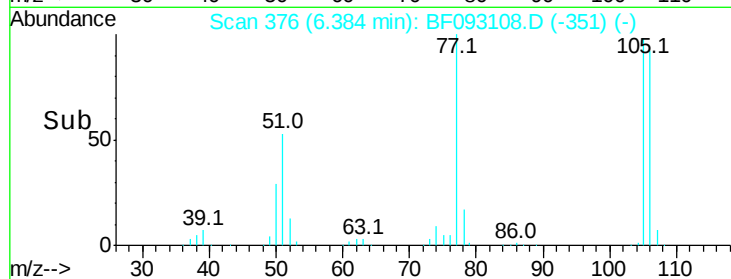
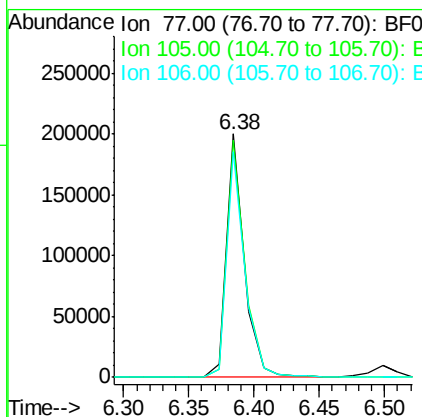
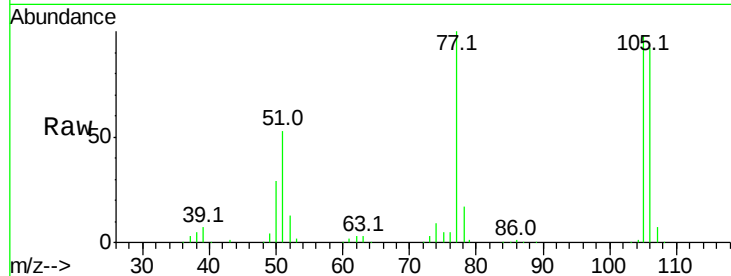
#9
Benzaldehyde
Concen: 21.71 ng
RT: 6.38 min Scan# 376
Delta R.T. -0.01 min
Lab File: BF093108.D
Acq: 23 Feb 2017 17:01

Instrument :
BNA_F
ClientSampled :
PB97124BS

Tot Ion	Ratio	Lower	Upper
77	100		
105	97.6	83.9	123.9
106	92.5	77.6	117.6

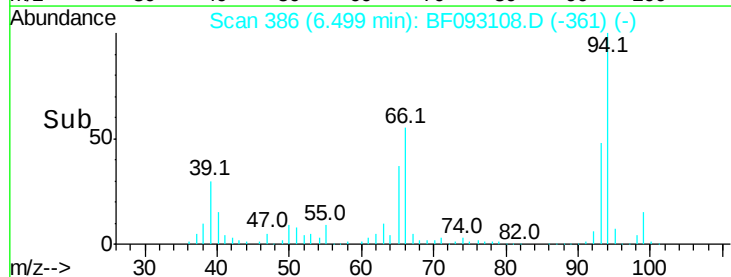
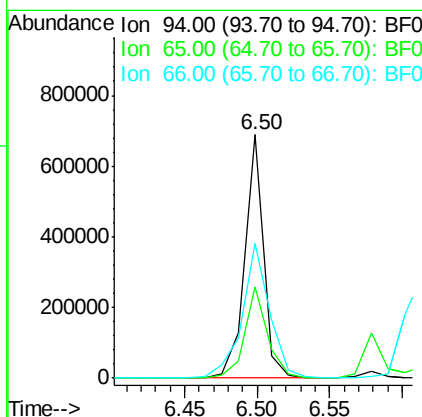
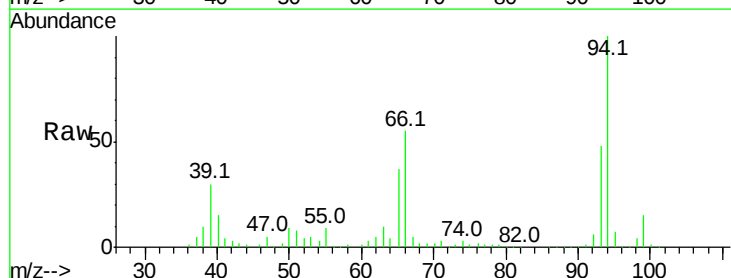
Manual Integrations
APPROVED

mohammad
2/24/2017 2:11:04 PM



#10
Phenol
Concen: 43.07 ng
RT: 6.50 min Scan# 386
Delta R.T. -0.01 min
Lab File: BF093108.D
Acq: 23 Feb 2017 17:01

Tgt Ion	Ratio	Lower	Upper
94	100		
65	37.4	21.4	61.4
66	55.4	44.0	84.0





#11

bis(2-Chloroethyl)ether

Concen: 37.55 ng

RT: 6.58 min Scan# 393

Delta R.T. -0.01 min

Lab File: BF093108.D

Acq: 23 Feb 2017 17:01

Instrument :

BNA_F

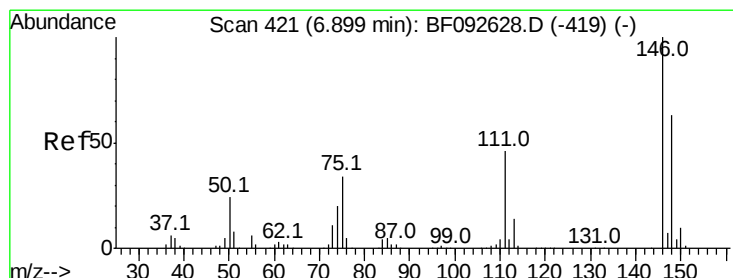
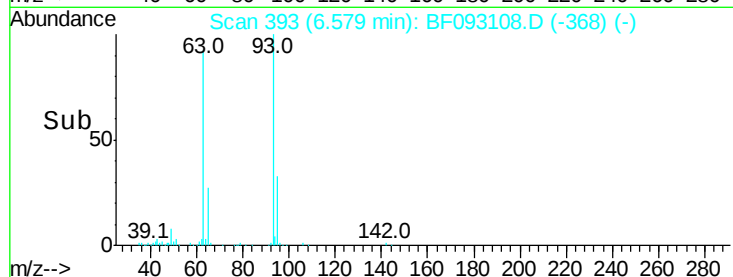
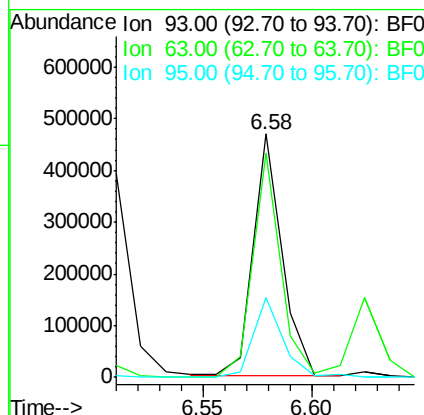
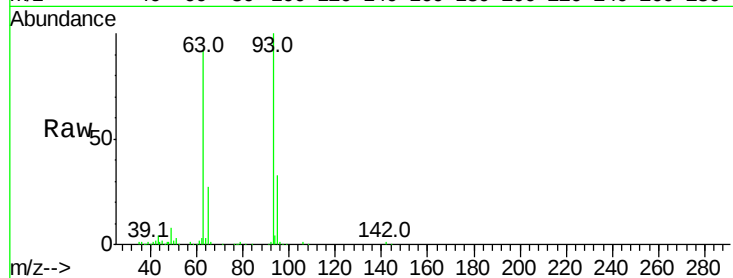
ClientSampleId :

PB97124BS

Tot Ion:	93	Resp:	432592
Ion Ratio	Lower	Upper	
93	100		
63	91.9	60.4	100.4
95	32.6	12.8	52.8

Manual Integrations
APPROVED

mohammad
2/24/2017 2:11:04 PM



#12

1,3-Dichlorobenzene

Concen: 39.59 ng

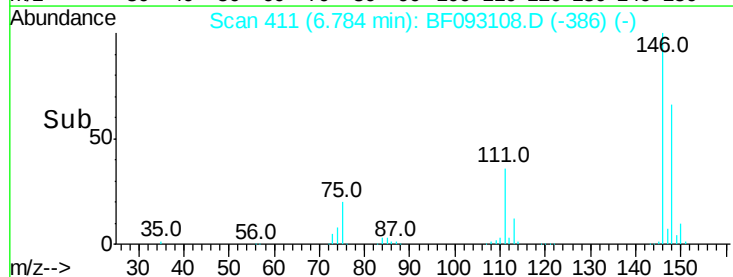
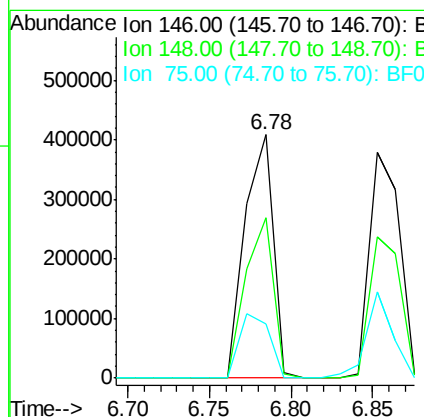
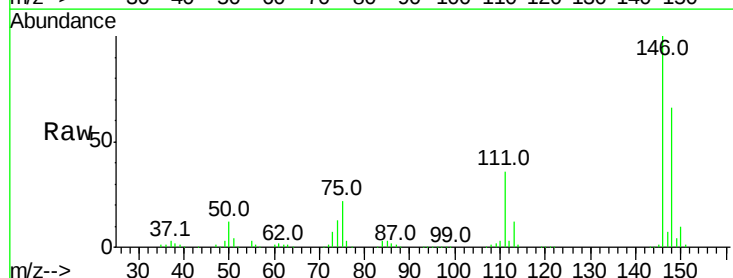
RT: 6.78 min Scan# 411

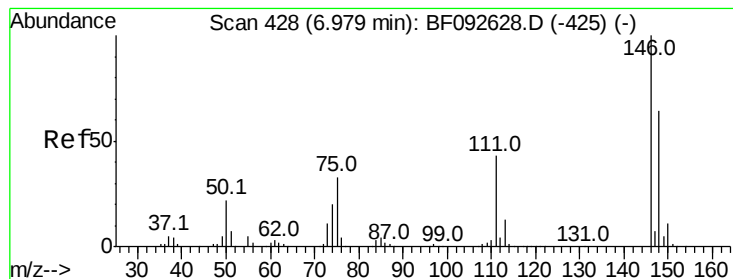
Delta R.T. -0.01 min

Lab File: BF093108.D

Acq: 23 Feb 2017 17:01

Tgt Ion:	146	Resp:	490463
Ion Ratio	Lower	Upper	
146	100		
148	65.7	53.4	80.0
75	22.1	18.5	27.7





#13

1,4-Dichlorobenzene

Concen: 39.04 ng

RT: 6.85 min Scan# 417

Delta R.T. -0.02 min

Lab File: BF093108.D

Acq: 23 Feb 2017 17:01

Instrument :

BNA_F

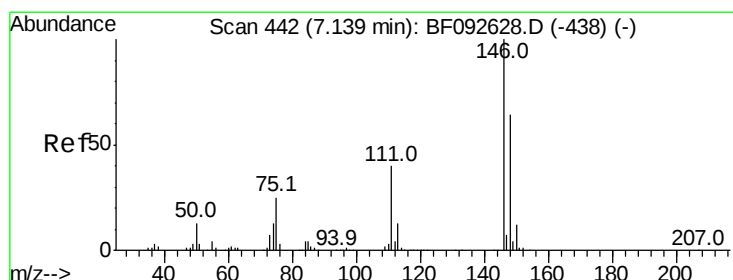
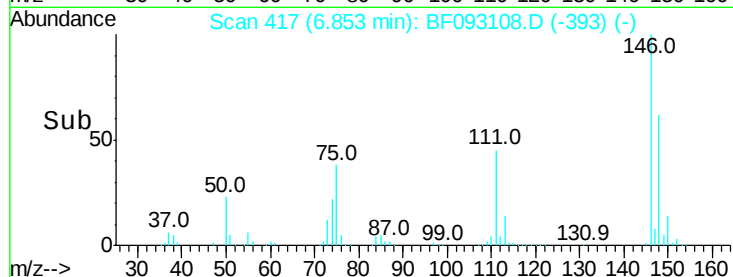
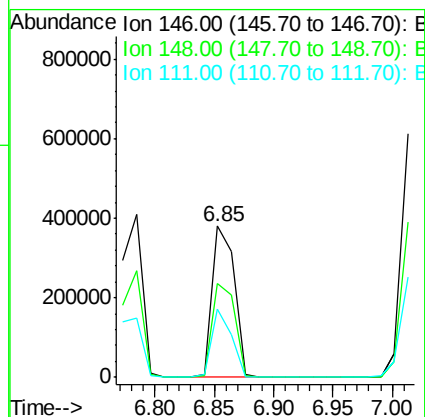
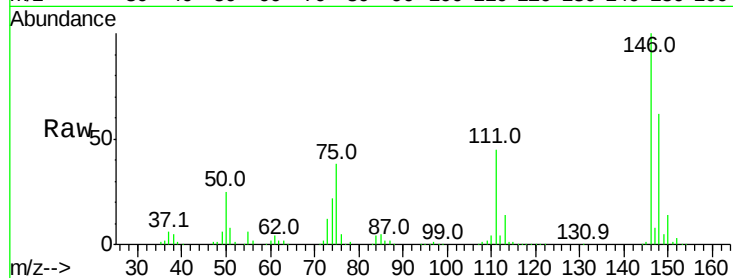
ClientSampleId :

PB97124BS

Tot Ion:	146	Resp:	489488
Ion Ratio	Lower	Upper	
146	100		
148	62.2	50.6	76.0
111	44.8	36.2	54.4

Manual Integrations
APPROVED

mohammad
2/24/2017 2:11:04 PM



#14

1,2-Dichlorobenzene

Concen: 40.89 ng

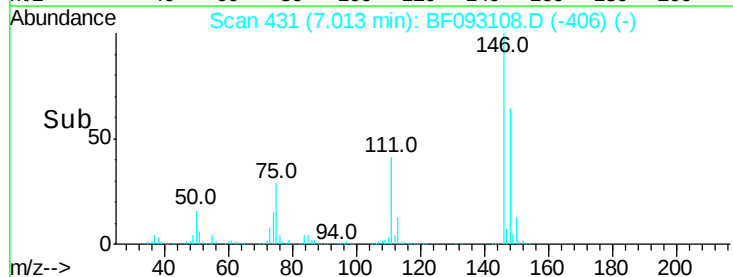
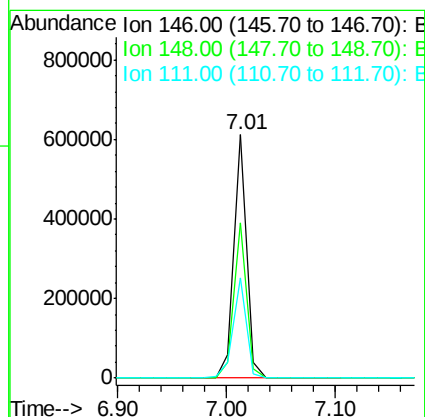
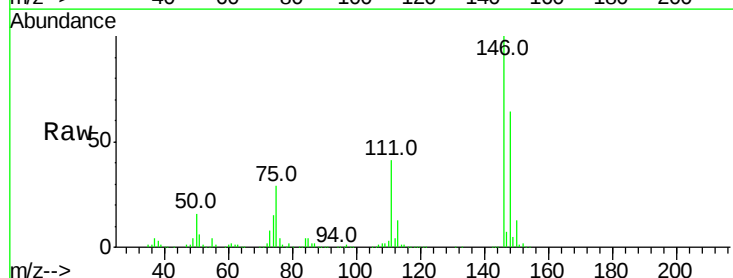
RT: 7.01 min Scan# 431

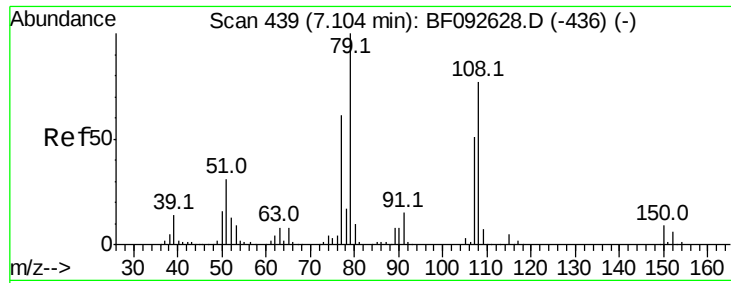
Delta R.T. -0.01 min

Lab File: BF093108.D

Acq: 23 Feb 2017 17:01

Tgt Ion:	146	Resp:	490264
Ion Ratio	Lower	Upper	
146	100		
148	63.9	52.2	78.2
111	41.1	36.2	54.2





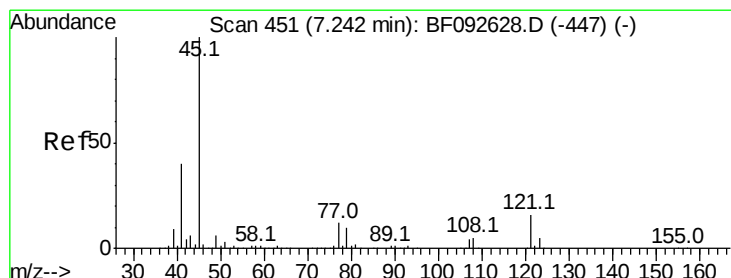
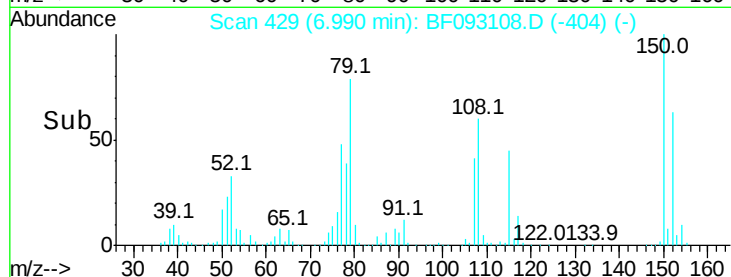
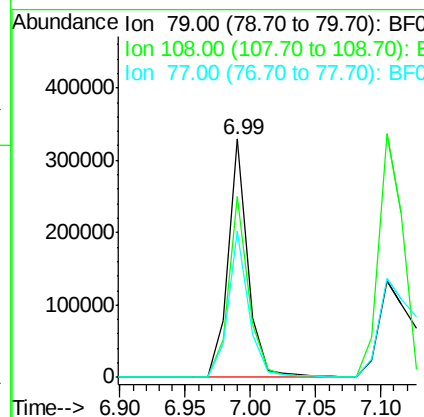
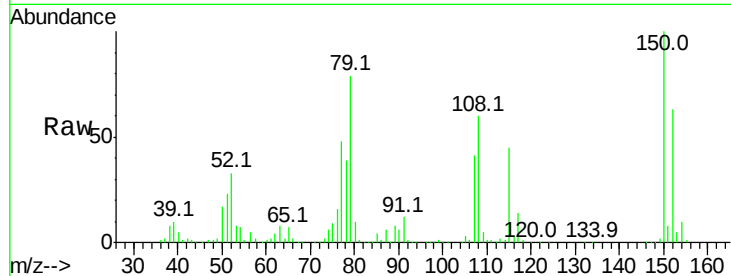
#15
Benzyl Alcohol
Concen: 38.60 ng
RT: 6.99 min Scan# 429
Delta R.T. -0.01 min
Lab File: BF093108.D
Acq: 23 Feb 2017 17:01

Instrument :
BNA_F
ClientSampleId :
PB97124BS

Tot Ion	Ratio	Resp	Lower	Upper
79	100	352498		
108	75.7	61.4	92.0	
77	61.2	50.9	76.3	

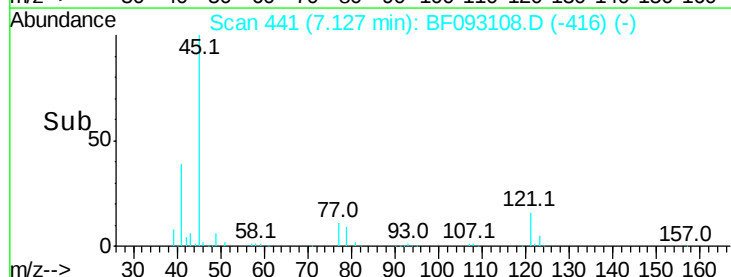
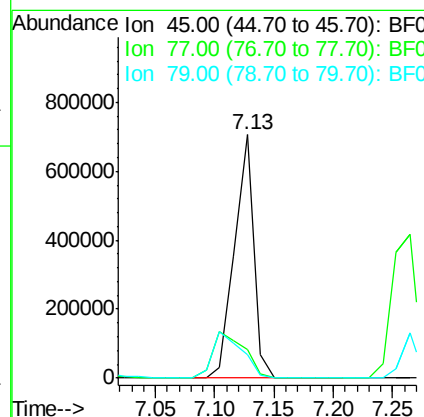
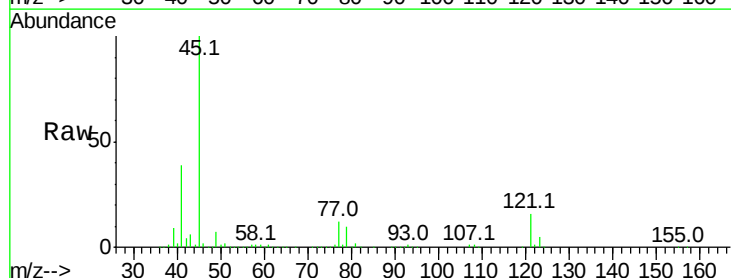
Manual Integrations
APPROVED

mohammad
2/24/2017 2:11:04 PM



#16
2,2'-oxybis(1-Chloropropane)
Concen: 39.95 ng
RT: 7.13 min Scan# 441
Delta R.T. -0.01 min
Lab File: BF093108.D
Acq: 23 Feb 2017 17:01

Tgt Ion	Ratio	Resp	Lower	Upper
45	100	799519		
77	11.8	0.0	34.6	
79	9.7	0.0	31.2	





#17

2-Methylphenol

Concen: 42.13 ng

RT: 7.10 min Scan# 439

Delta R.T. -0.01 min

Lab File: BF093108.D

Acq: 23 Feb 2017 17:01

Instrument :

BNA_F

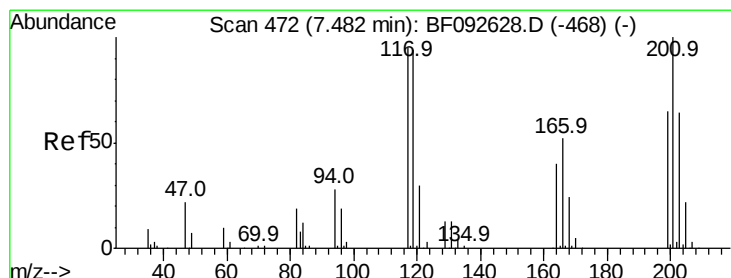
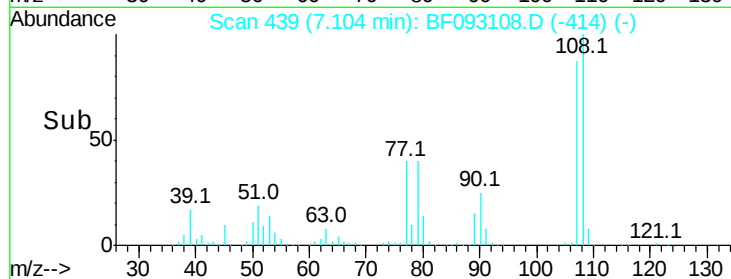
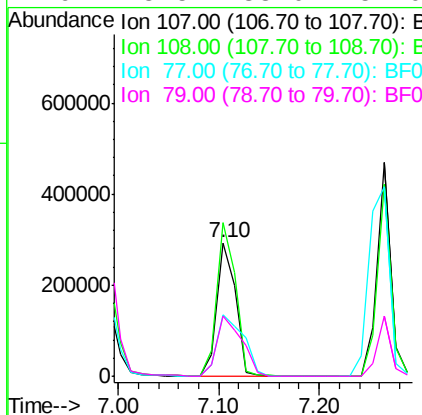
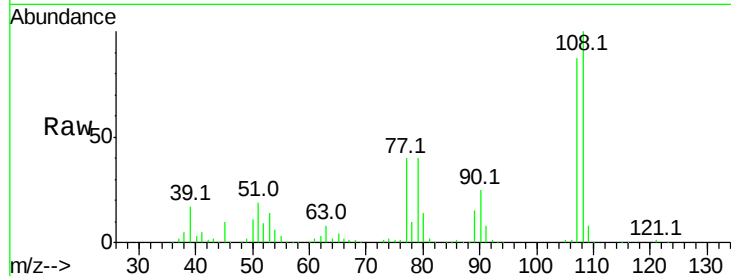
ClientSampleId :

PB97124BS

Tot Ion	Ratio	Lower	Upper
107	100		
108	114.6	93.0	139.6
77	46.3	39.8	59.8
79	45.5	38.0	57.0

Manual Integrations
APPROVED

mohammad
2/24/2017 2:11:04 PM



#18

Hexachloroethane

Concen: 39.80 ng

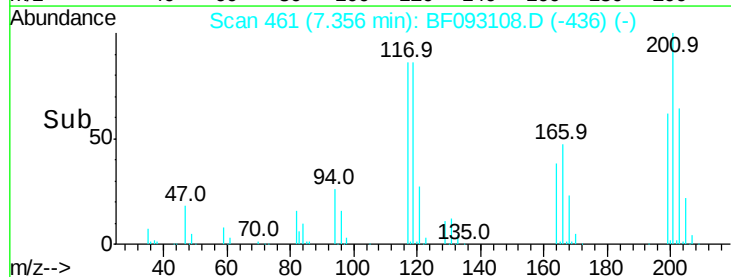
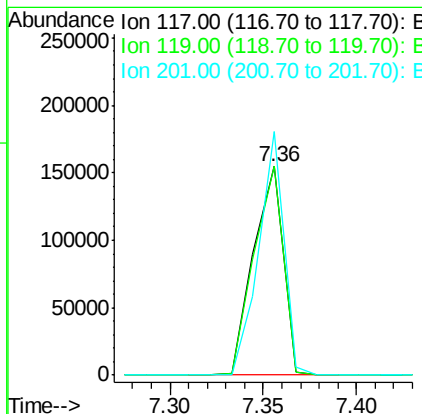
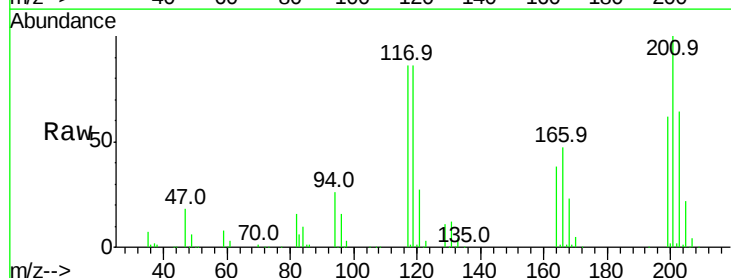
RT: 7.36 min Scan# 461

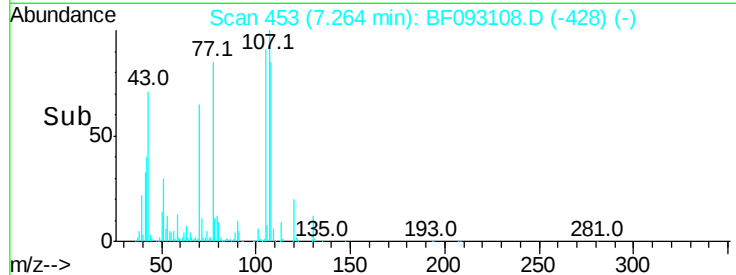
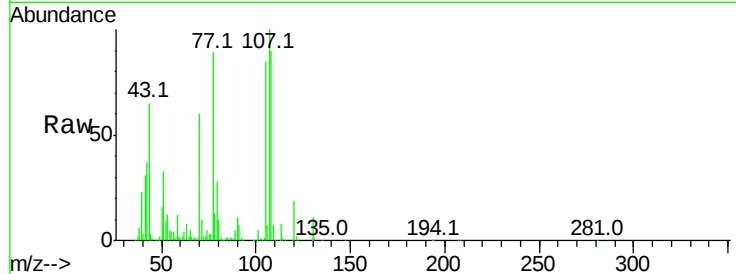
Delta R.T. -0.01 min

Lab File: BF093108.D

Acq: 23 Feb 2017 17:01

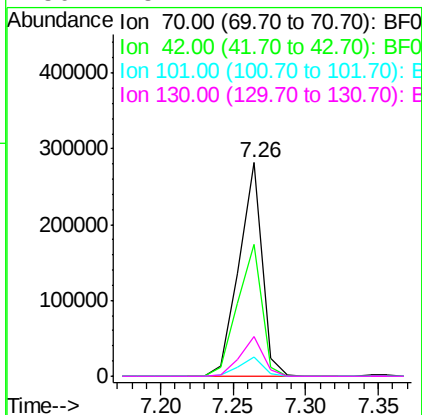
Tgt Ion	Ratio	Lower	Upper
117	100		
119	100.0	78.1	117.1
201	116.6	78.6	117.8





#19
n-Nitroso-di-n-propylamine
Concen: 39.89 ng
RT: 7.26 min Scan# 453
Delta R.T. -0.01 min
Lab File: BF093108.D
Acq: 23 Feb 2017 17:01

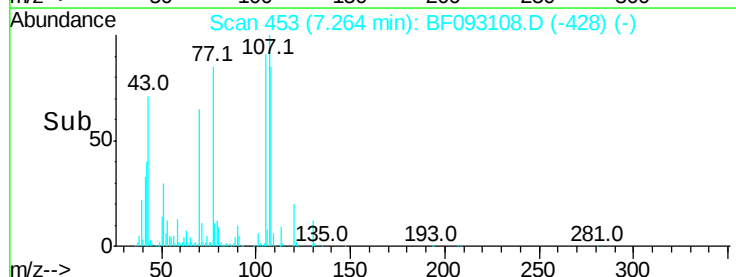
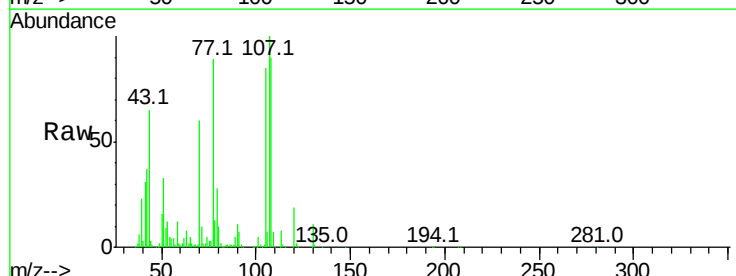
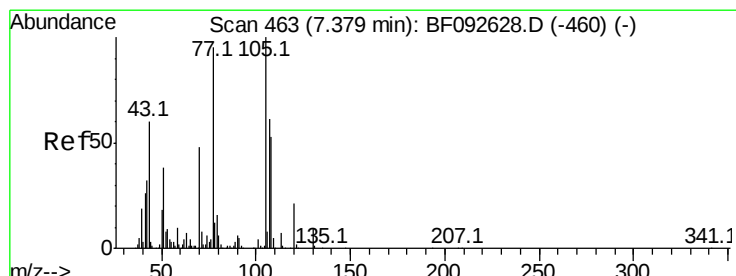
Tot Ion	Ratio	Lower	Upper
70	100		
42	61.6	49.4	74.0
101	8.9	7.4	11.2
130	18.7	14.2	21.4



Instrument :
BNA_F
ClientSampleId :
PB97124BS

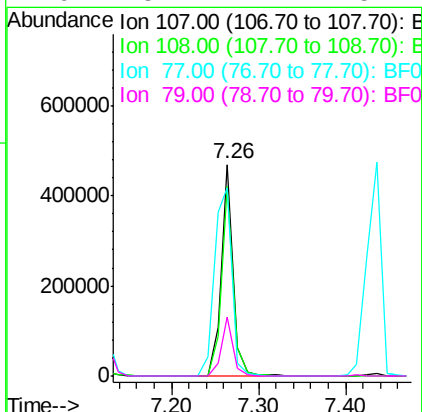
Manual Integrations
APPROVED

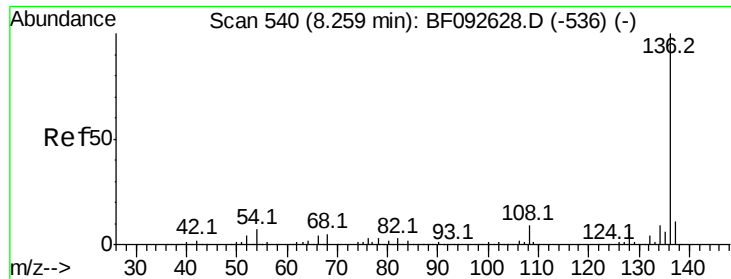
mohammad
2/24/2017 2:11:04 PM



#20
3+4-Methylphenols
Concen: 41.53 ng
RT: 7.26 min Scan# 453
Delta R.T. -0.01 min
Lab File: BF093108.D
Acq: 23 Feb 2017 17:01

Tgt Ion	Ratio	Lower	Upper
107	100		
108	89.9	73.0	113.0
77	88.8	71.3	111.3
79	28.2	11.1	51.1





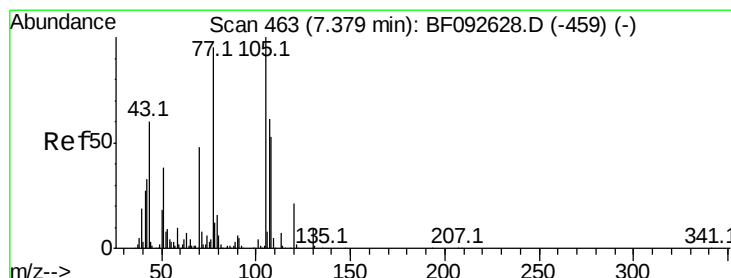
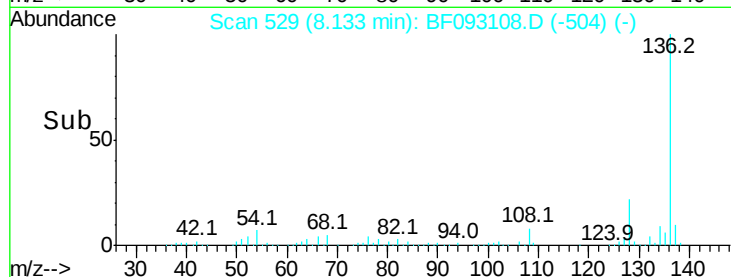
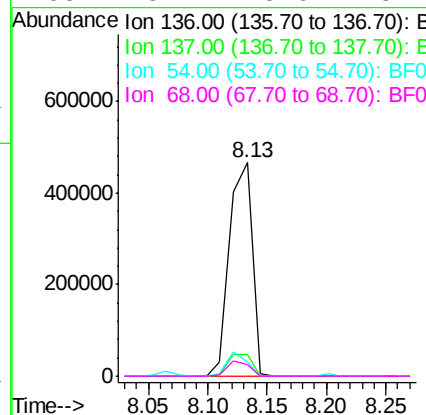
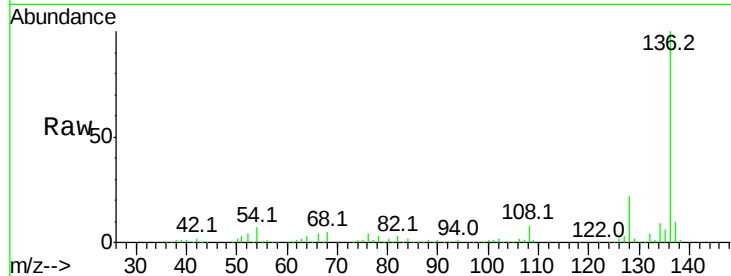
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.13 min Scan# 529
Delta R.T. -0.01 min
Lab File: BF093108.D
Acq: 23 Feb 2017 17:01

Instrument :
BNA_F
ClientSampleId :
PB97124BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	622852		
137	10.4		8.4	12.6
54	6.8		4.5	6.7#
68	5.1		3.6	5.4

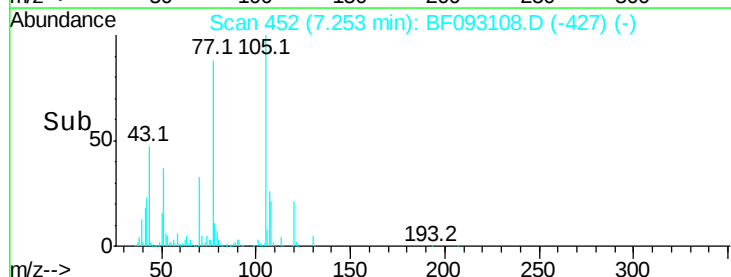
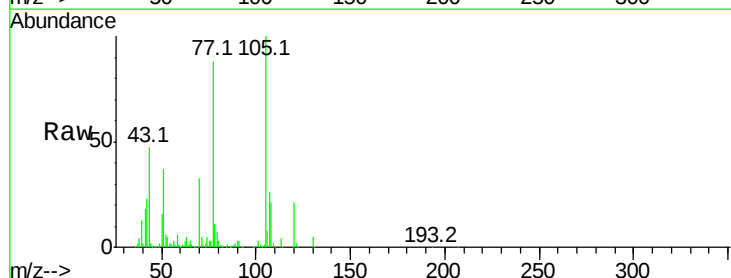
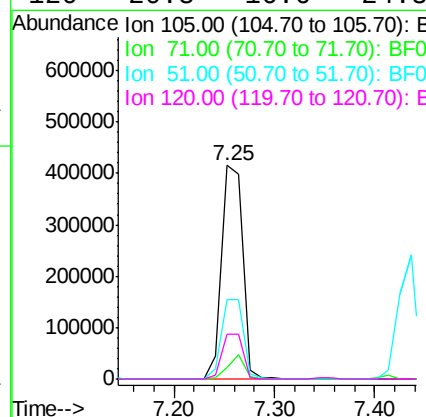
Manual Integrations
APPROVED

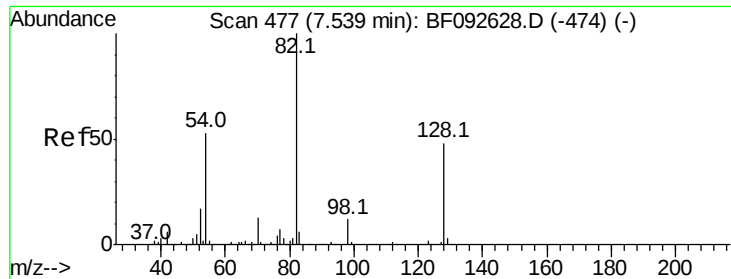
mohammad
2/24/2017 2:11:04 PM



#22
Acetophenone
Concen: 42.51 ng
RT: 7.25 min Scan# 452
Delta R.T. -0.01 min
Lab File: BF093108.D
Acq: 23 Feb 2017 17:01

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	604473		
71	5.5		3.2	4.8#
51	37.1		26.2	39.4
120	20.8		16.6	24.8





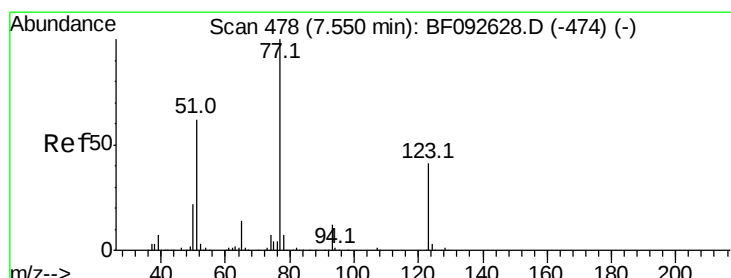
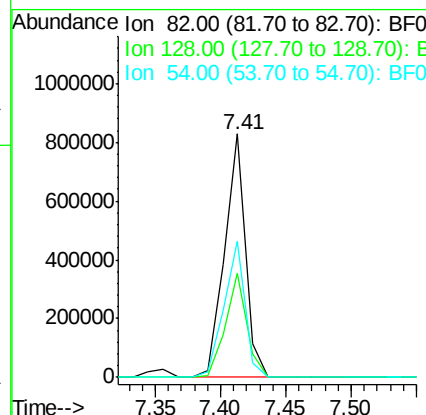
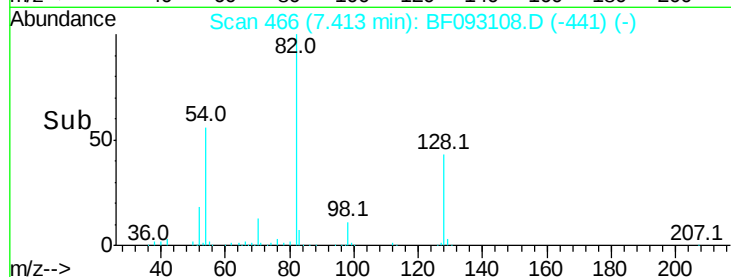
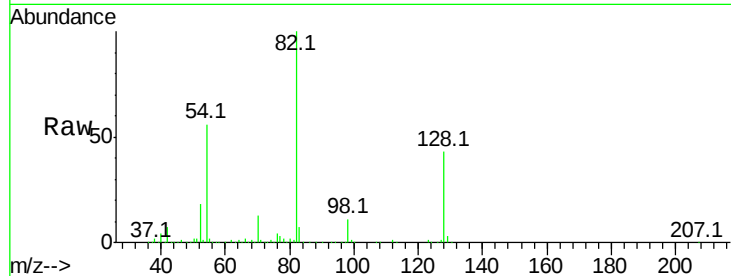
#23
Nitrobenzene-d5
Concen: 83.08 ng
RT: 7.41 min Scan# 466
Delta R.T. -0.01 min
Lab File: BF093108.D
Acq: 23 Feb 2017 17:01

Instrument :
BNA_F
ClientSampleId :
PB97124BS

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	42.6	34.6	52.0	
54	55.8	39.5	59.3	

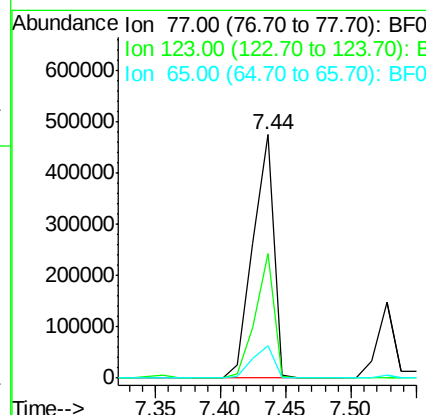
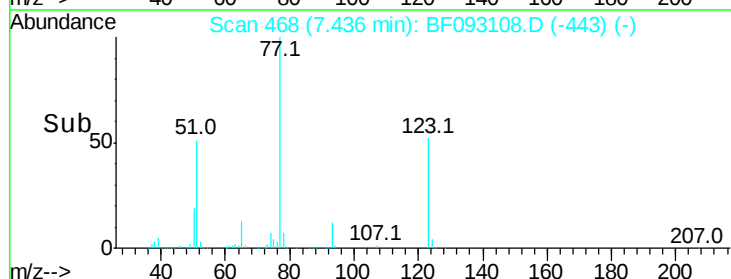
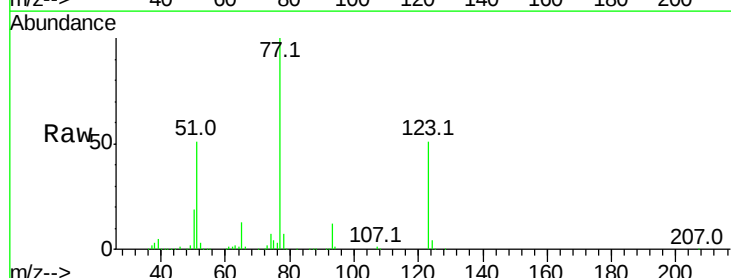
Manual Integrations
APPROVED

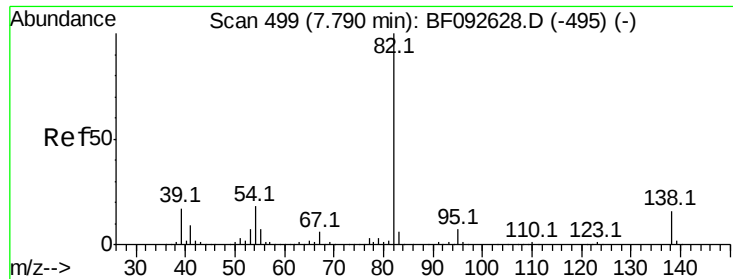
mohammad
2/24/2017 2:11:04 PM



#24
Nitrobenzene
Concen: 45.97 ng
RT: 7.44 min Scan# 468
Delta R.T. -0.01 min
Lab File: BF093108.D
Acq: 23 Feb 2017 17:01

Tgt Ion	Ratio	Resp	Lower	Upper
77	100			
123	51.4	33.0	49.4#	
65	13.1	11.2	16.8	





#25

Isophorone

Concen: 45.05 ng

RT: 7.68 min Scan# 489

Delta R.T. -0.01 min

Lab File: BF093108.D

Acq: 23 Feb 2017 17:01

Instrument :

BNA_F

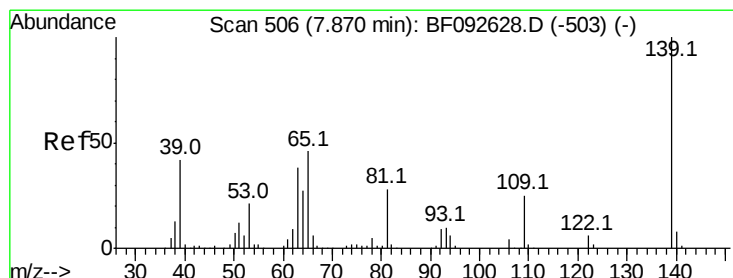
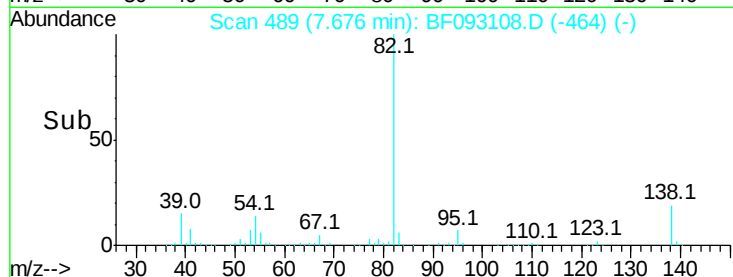
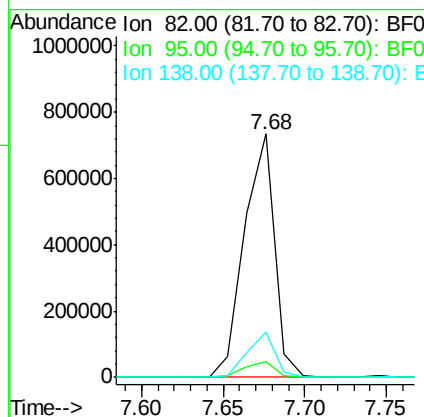
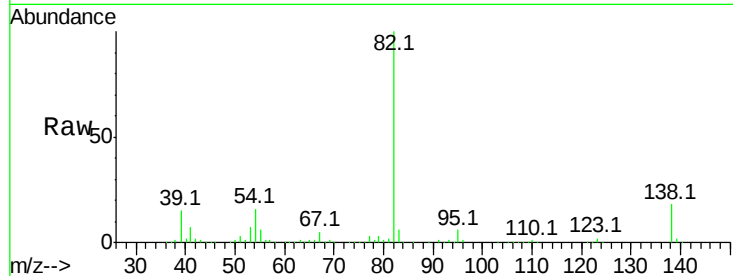
ClientSampleId :

PB97124BS

Tot Ion:	82	Resp:	938897
Ion Ratio	Lower	Upper	
82	100		
95	6.4	5.6	8.4
138	18.5	14.6	22.0

Manual Integrations
APPROVED

mohammad
2/24/2017 2:11:04 PM



#26

2-Nitrophenol

Concen: 43.97 ng

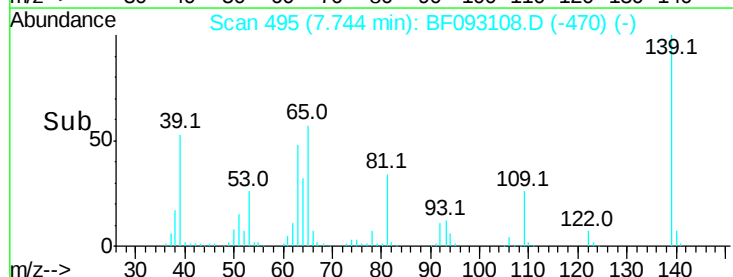
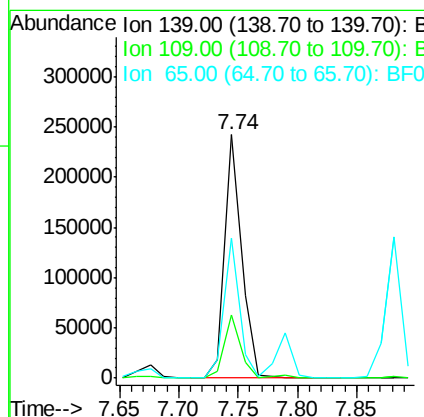
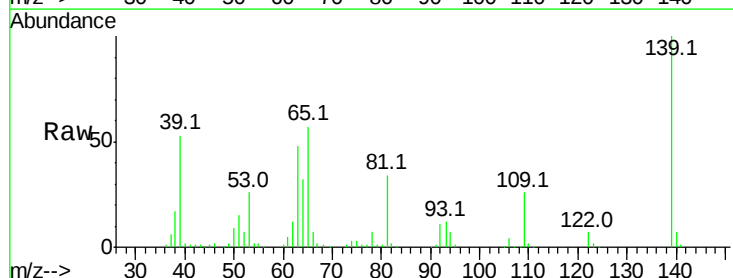
RT: 7.74 min Scan# 495

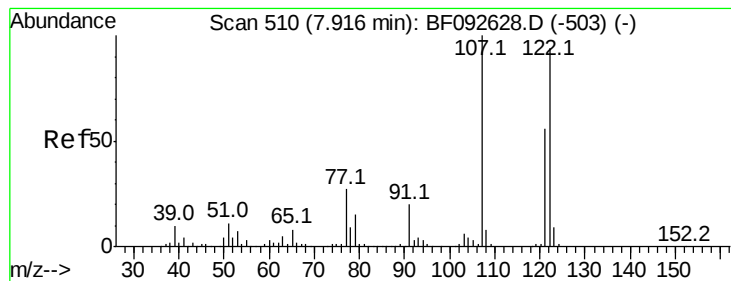
Delta R.T. -0.01 min

Lab File: BF093108.D

Acq: 23 Feb 2017 17:01

Tgt Ion:	139	Resp:	240025
Ion Ratio	Lower	Upper	
139	100		
109	25.7	23.3	34.9
65	57.4	42.7	64.1





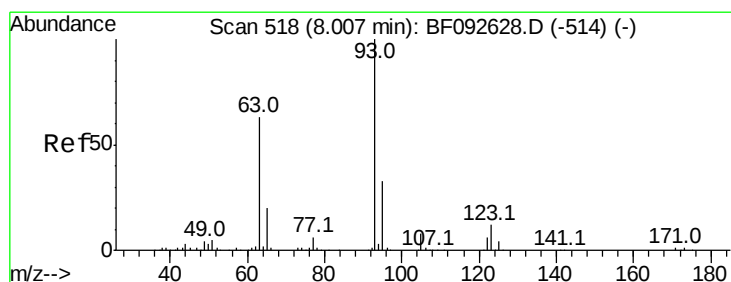
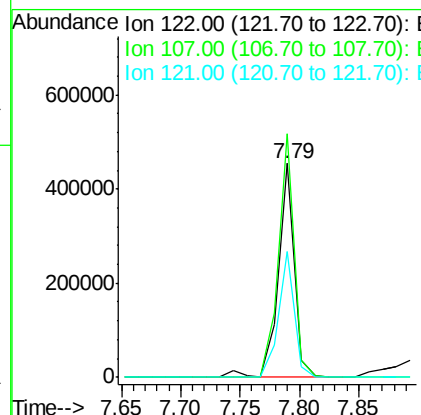
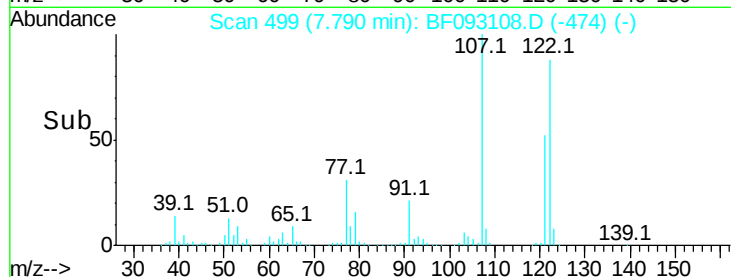
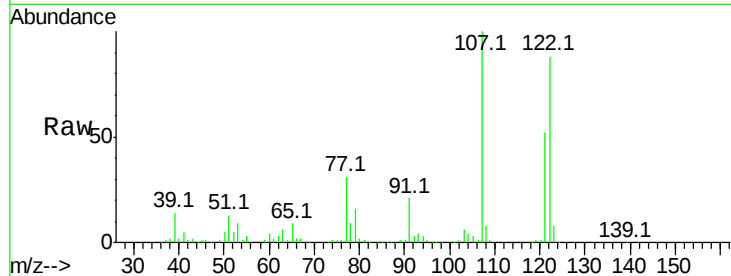
#27
 2,4-Dimethylphenol
 Concen: 45.39 ng
 RT: 7.79 min Scan# 499
 Delta R.T. -0.01 min
 Lab File: BF093108.D
 Acq: 23 Feb 2017 17:01

Instrument :
 BNA_F
 ClientSampleId :
 PB97124BS

Tot Ion	Ratio	Resp	Lower	Upper
122	100	435231		
107	113.8	94.1	141.1	
121	58.7	46.0	69.0	

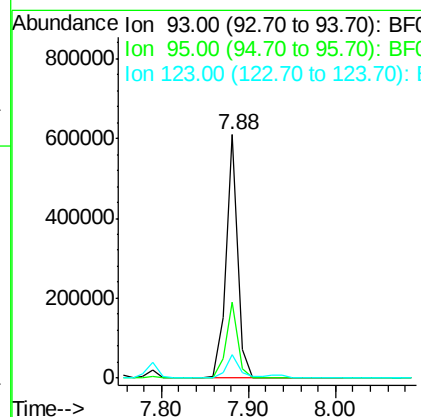
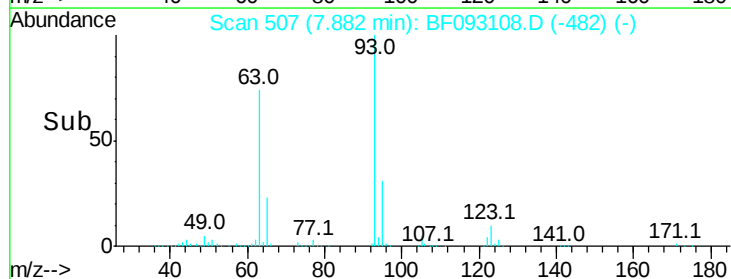
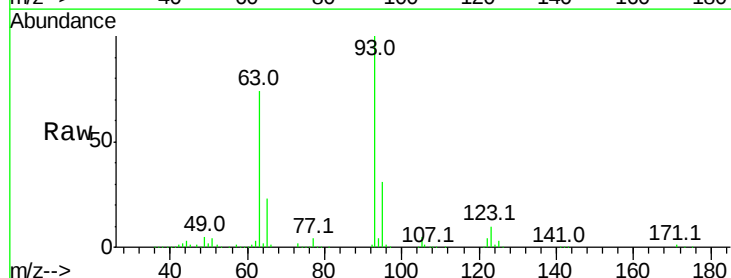
Manual Integrations
 APPROVED

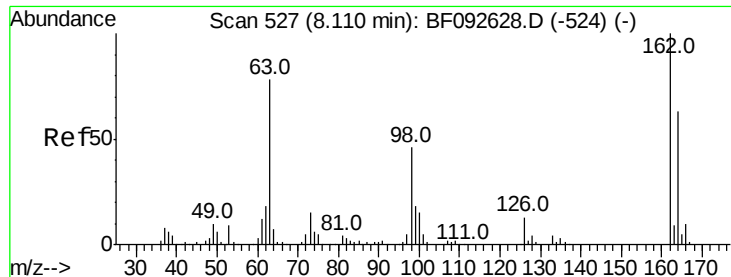
mohammad
 2/24/2017 2:11:04 PM



#28
 bis(2-Chloroethoxy)methane
 Concen: 41.97 ng
 RT: 7.88 min Scan# 507
 Delta R.T. -0.01 min
 Lab File: BF093108.D
 Acq: 23 Feb 2017 17:01

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	579384		
95	31.3	26.5	39.7	
123	9.9	8.6	13.0	





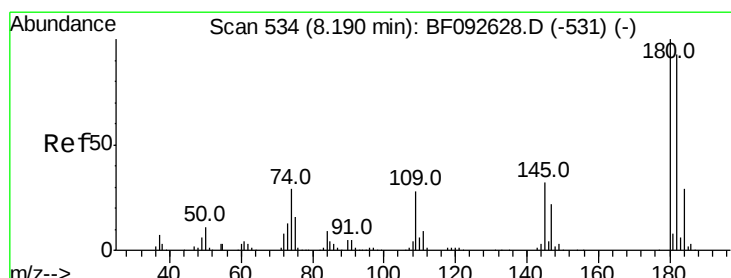
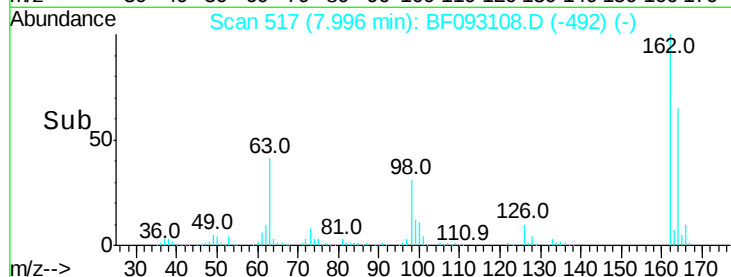
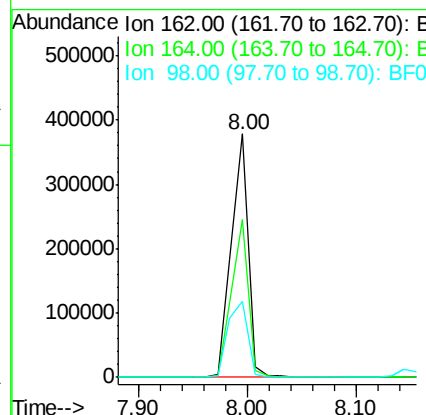
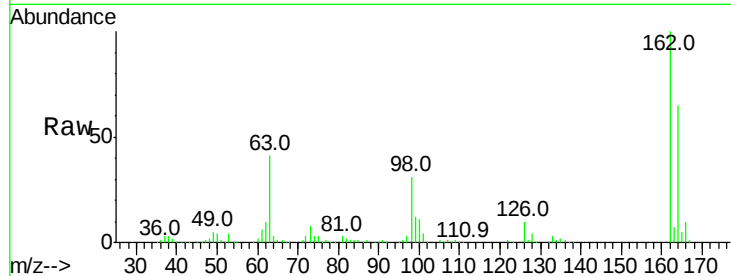
#29
 2,4-Dichlorophenol
 Concen: 45.45 ng
 RT: 8.00 min Scan# 517
 Delta R.T. -0.01 min
 Lab File: BF093108.D
 Acq: 23 Feb 2017 17:01

Instrument :
 BNA_F
 ClientSampleID :
 PB97124BS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	406400		
164	65.0	46.8	86.8	
98	30.9	9.1	49.1	

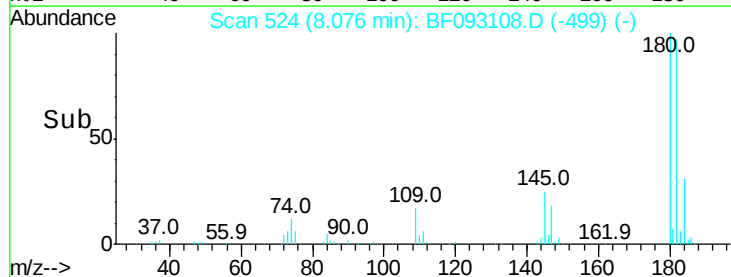
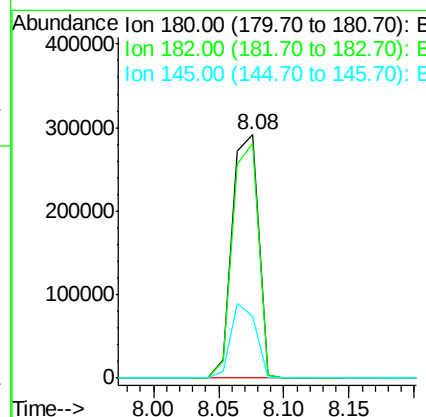
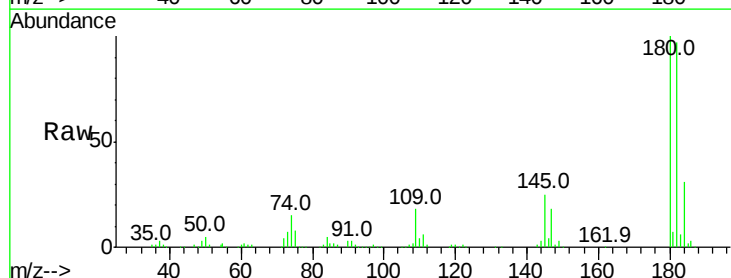
Manual Integrations
 APPROVED

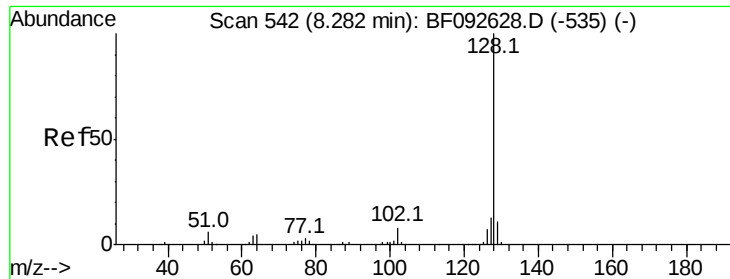
mohammad
 2/24/2017 2:11:04 PM



#30
 1,2,4-Trichlorobenzene
 Concen: 42.00 ng
 RT: 8.08 min Scan# 524
 Delta R.T. -0.01 min
 Lab File: BF093108.D
 Acq: 23 Feb 2017 17:01

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	404689		
182	96.6	78.2	117.4	
145	25.4	21.6	32.4	





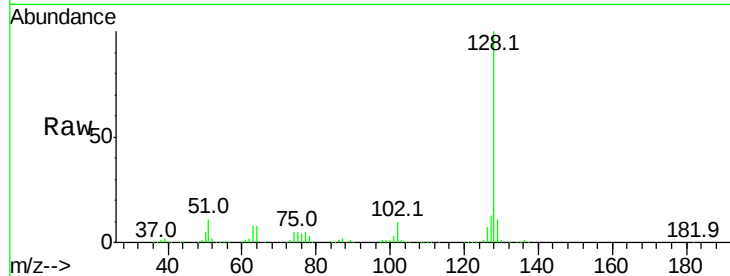
#31
Naphthalene
Concen: 39.47 ng
RT: 8.14 min Scan# 530
Delta R.T. -0.02 min
Lab File: BF093108.D
Acq: 23 Feb 2017 17:01

Instrument :
BNA_F
ClientSampleId :
PB97124BS

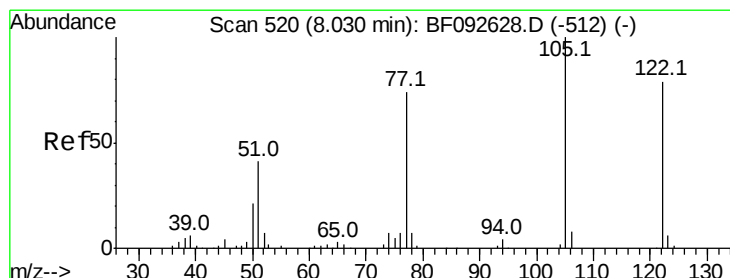
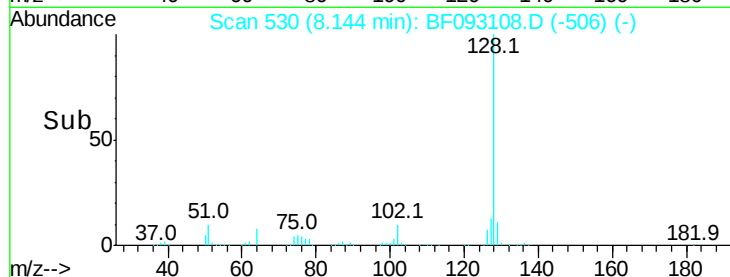
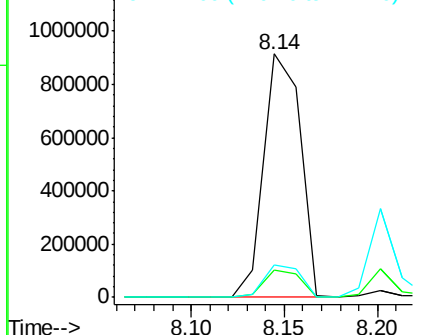
Tot Ion:128 Resp: 1246270
Ion Ratio Lower Upper
128 100
129 11.4 9.5 14.3
127 13.5 10.8 16.2

Manual Integrations
APPROVED

mohammad
2/24/2017 2:11:04 PM

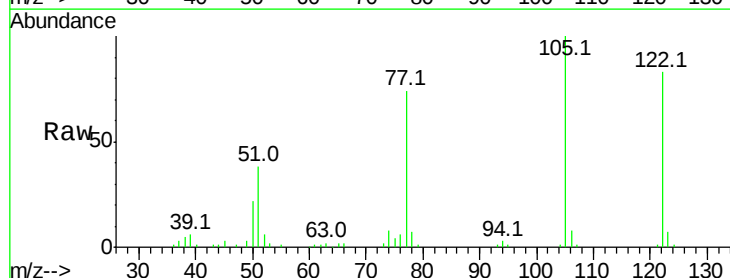


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

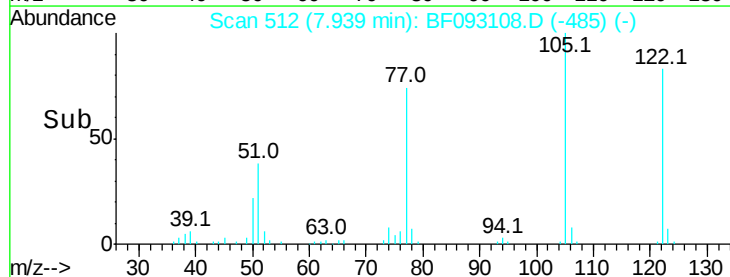
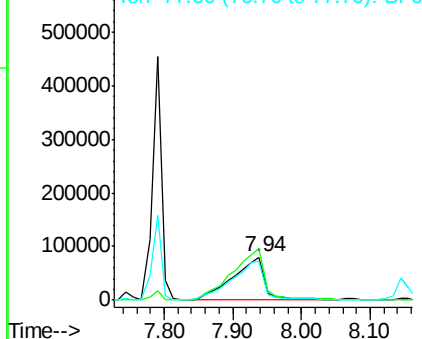


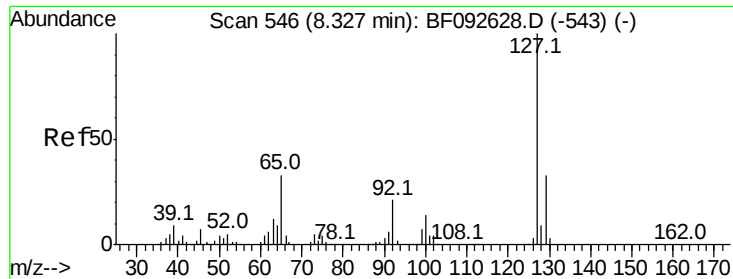
#32
Benzoic acid
Concen: 46.37 ng
RT: 7.94 min Scan# 512
Delta R.T. 0.01 min
Lab File: BF093108.D
Acq: 23 Feb 2017 17:01

Tgt Ion:122 Resp: 250355
Ion Ratio Lower Upper
122 100
105 120.5 107.2 147.2
77 89.5 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





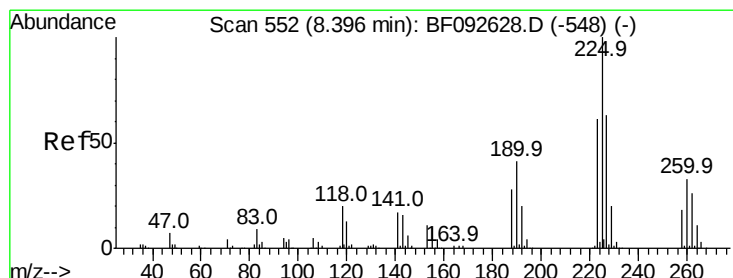
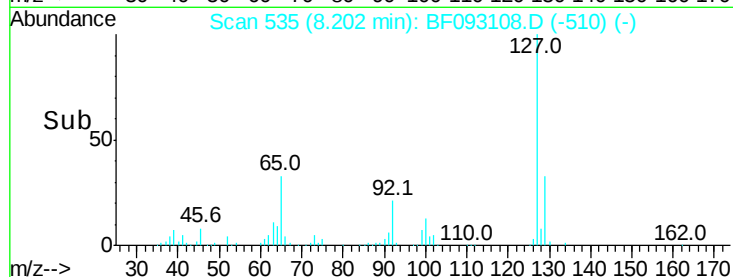
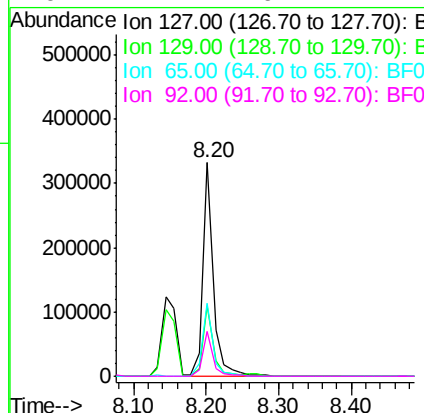
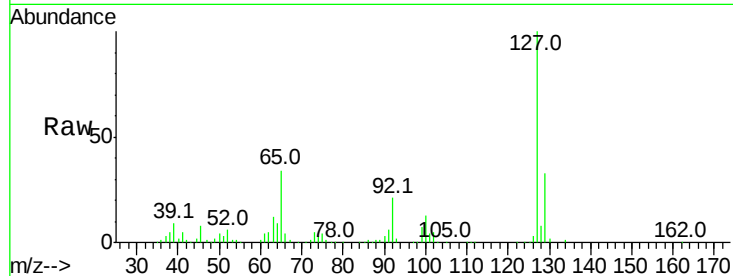
#33
4-Chloroaniline
Concen: 26.77 ng
RT: 8.20 min Scan# 535
Delta R.T. -0.01 min
Lab File: BF093108.D
Acq: 23 Feb 2017 17:01

Instrument :
BNA_F
ClientSampleId :
PB97124BS

Tot Ion	Ratio	Resp	Lower	Upper
127	100			
129	32.8	26.3	39.5	
65	34.1	25.8	38.8	
92	21.2	16.1	24.1	

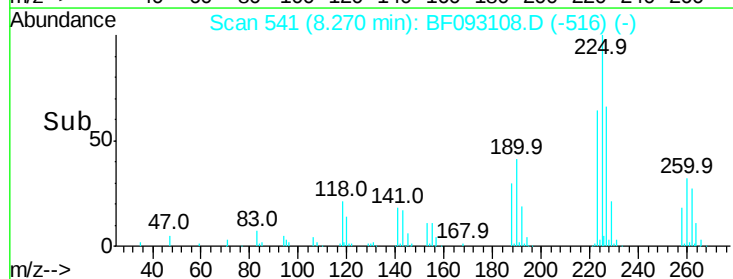
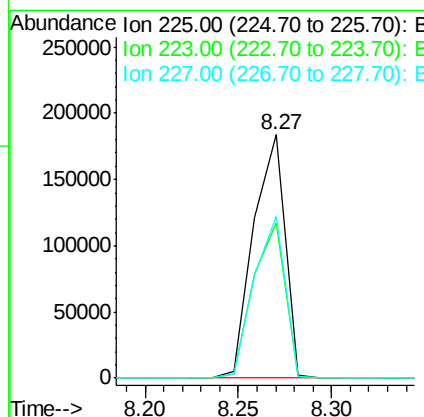
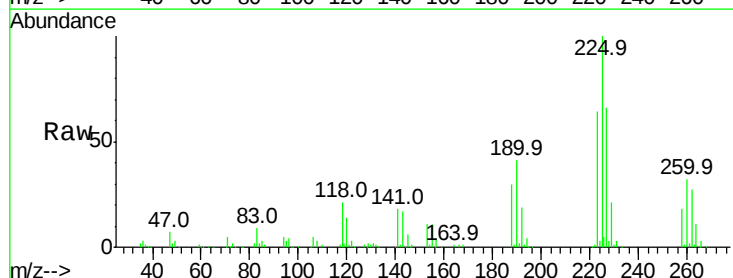
Manual Integrations
APPROVED

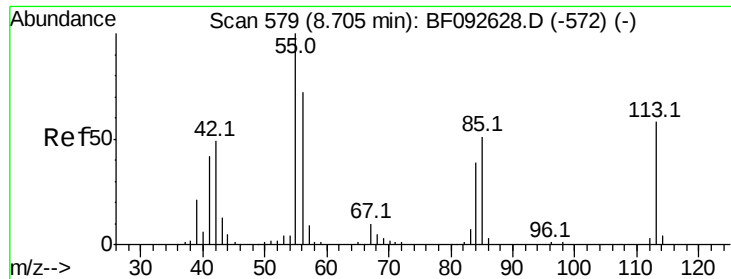
mohammad
2/24/2017 2:11:04 PM



#34
Hexachlorobutadiene
Concen: 40.46 ng
RT: 8.27 min Scan# 541
Delta R.T. -0.01 min
Lab File: BF093108.D
Acq: 23 Feb 2017 17:01

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	63.6	51.0	76.6	
227	66.4	50.6	76.0	





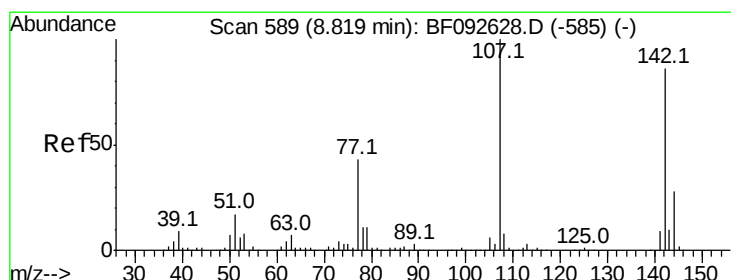
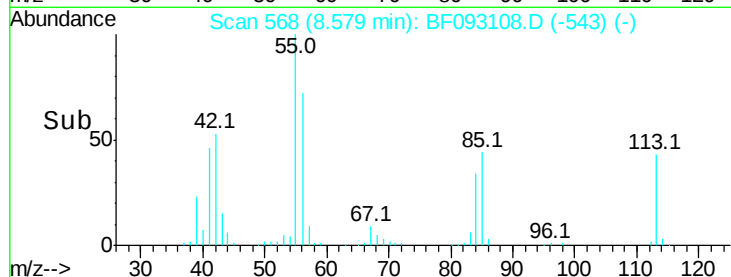
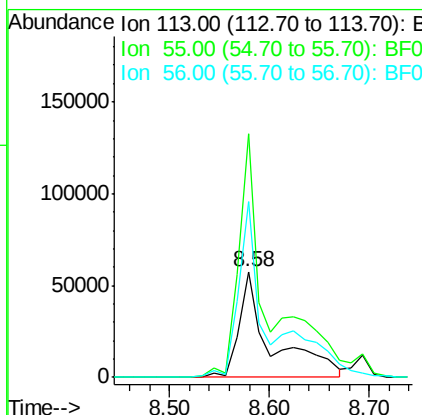
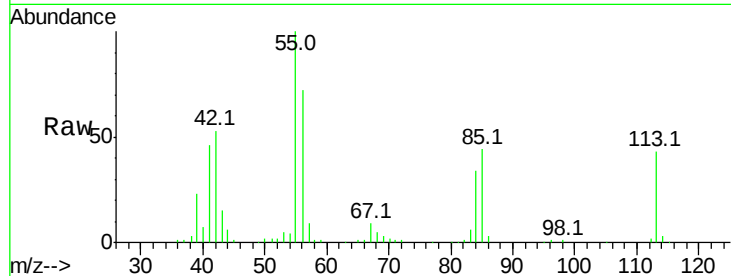
#35
 Caprolactam
 Concen: 46.39 ng/ml
 RT: 8.58 min Scan# 568
 Delta R.T. -0.01 min
 Lab File: BF093108.D
 Acq: 23 Feb 2017 17:01

Instrument :
 BNA_F
 ClientSampleID :
 PB97124BS

Tot Ion	Ratio	Lower	Upper
113	100		
55	231.1	119.2	159.2#
56	166.7	83.8	123.8#

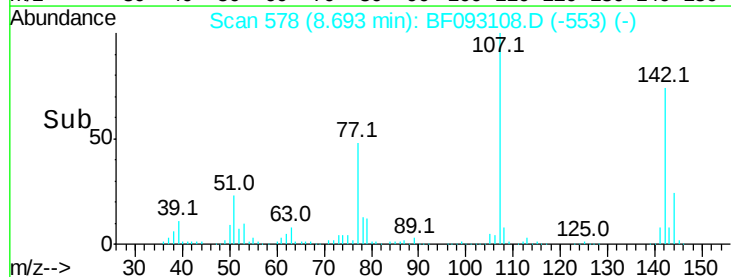
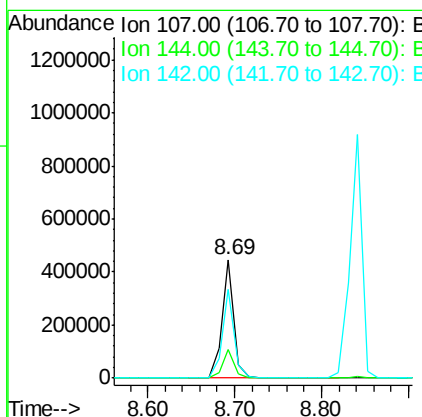
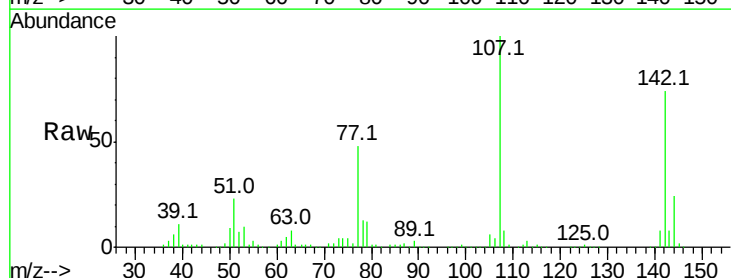
Manual Integrations
 APPROVED

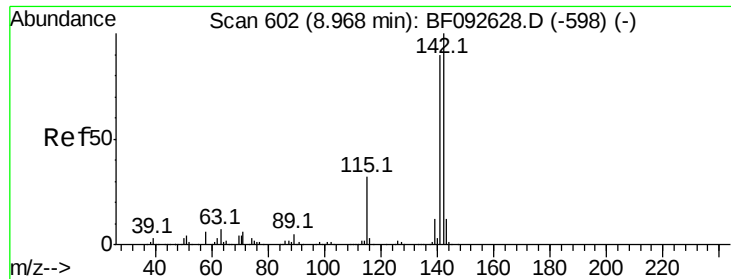
mohammad
 2/24/2017 2:11:04 PM



#36
 4-Chloro-3-methylphenol
 Concen: 46.25 ng/ml
 RT: 8.69 min Scan# 578
 Delta R.T. -0.01 min
 Lab File: BF093108.D
 Acq: 23 Feb 2017 17:01

Tgt Ion	Ratio	Lower	Upper
107	100		
144	24.3	19.3	28.9
142	74.4	59.0	88.6





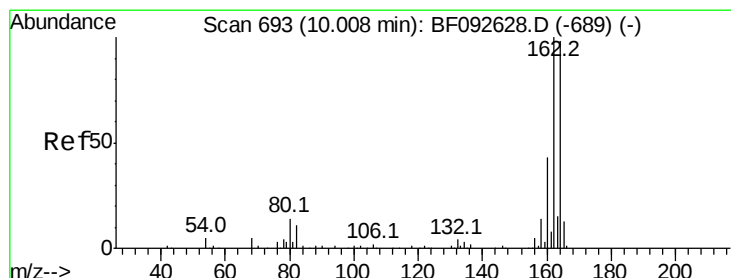
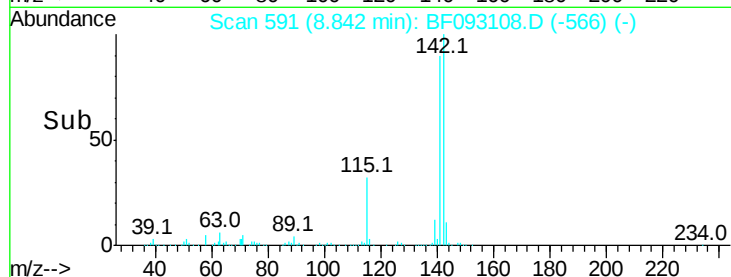
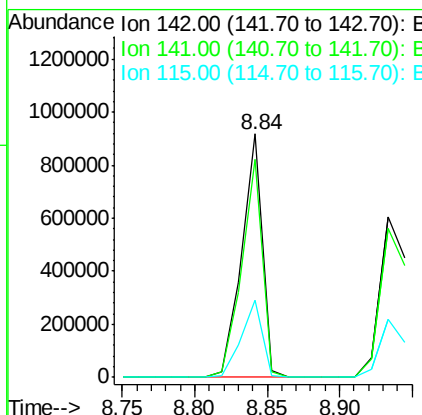
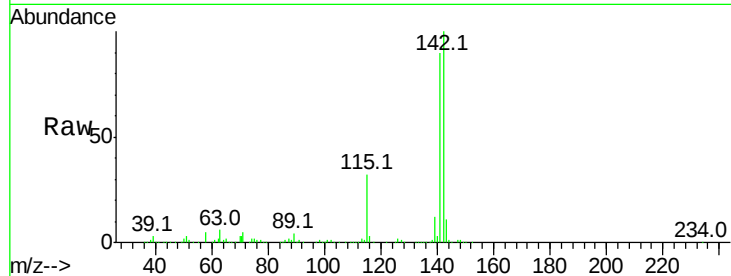
#37
2-Methylnaphthalene
Concen: 44.72 ng
RT: 8.84 min Scan# 591
Delta R.T. -0.01 min
Lab File: BF093108.D
Acq: 23 Feb 2017 17:01

Instrument :
BNA_F
ClientSampleId :
PB97124BS

Tot Ion	Ratio	Resp	Lower	Upper
142	100	906557		
141	89.7	71.0	106.6	
115	31.6	28.3	42.5	

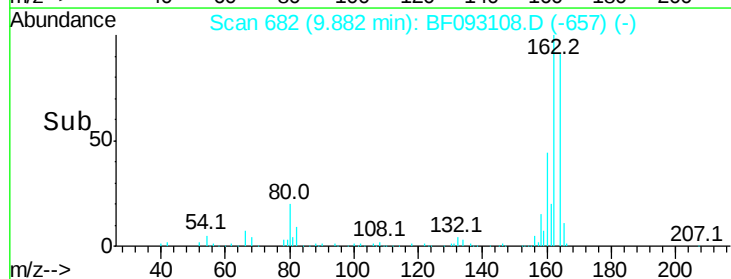
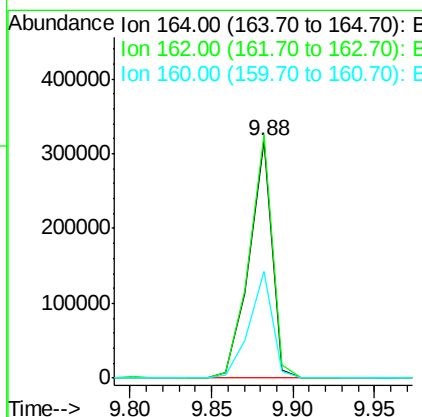
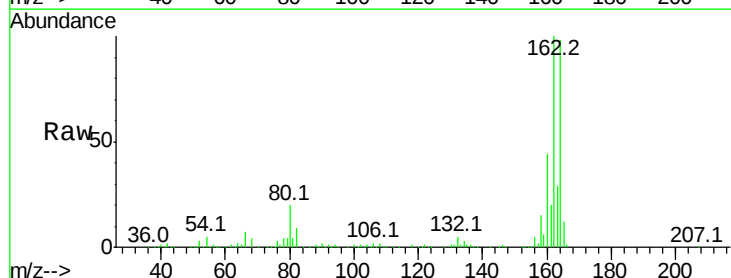
Manual Integrations
APPROVED

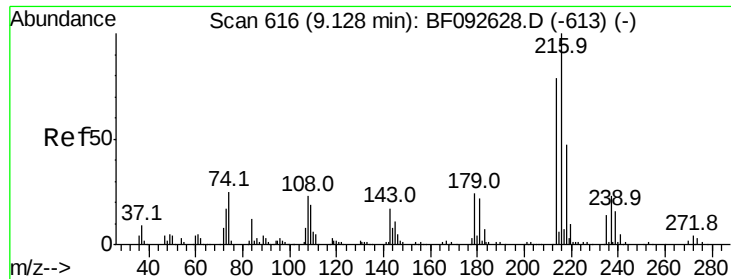
mohammad
2/24/2017 2:11:04 PM



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.88 min Scan# 682
Delta R.T. -0.01 min
Lab File: BF093108.D
Acq: 23 Feb 2017 17:01

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	308558		
162	102.6	80.2	120.2	
160	44.9	36.9	55.3	





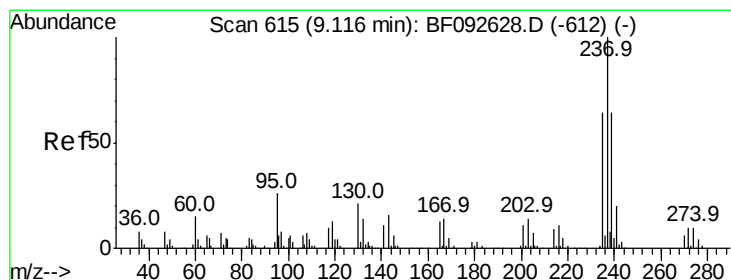
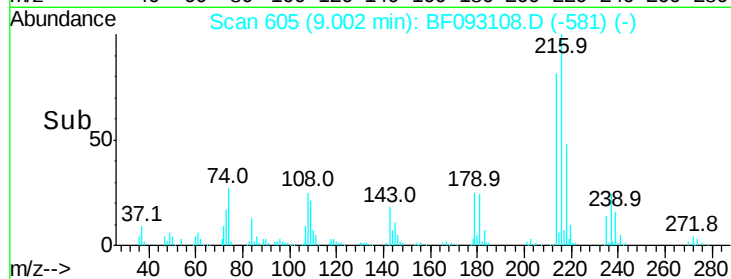
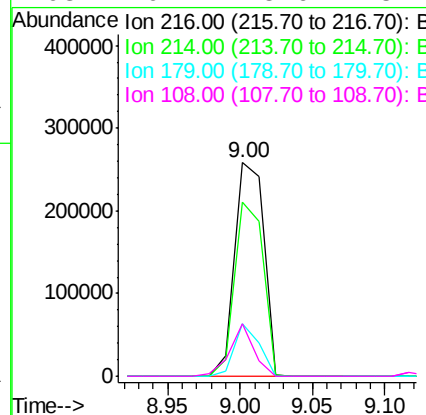
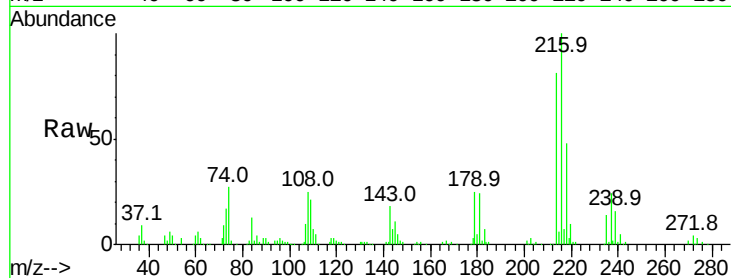
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 41.70 ng
 RT: 9.00 min Scan# 605
 Delta R.T. -0.02 min
 Lab File: BF093108.D
 Acq: 23 Feb 2017 17:01

Instrument :
 BNA_F
 ClientSampleId :
 PB97124BS

Tot Ion:	216	Resp:	361168
Ion Ratio	Lower	Upper	
216	100		
214	79.6	63.4	95.0
179	21.1	17.4	26.2
108	20.4	15.6	23.4

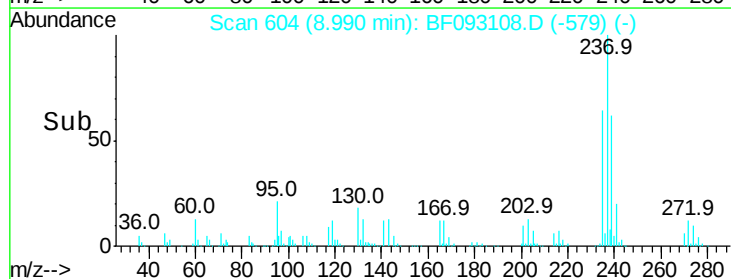
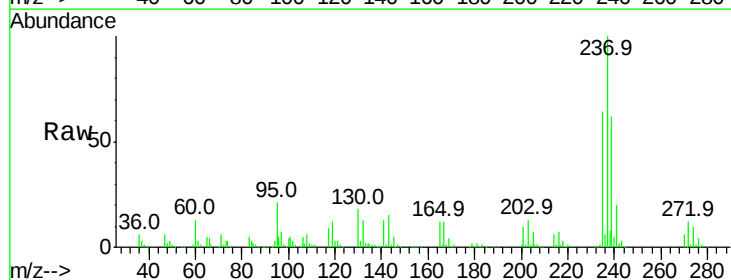
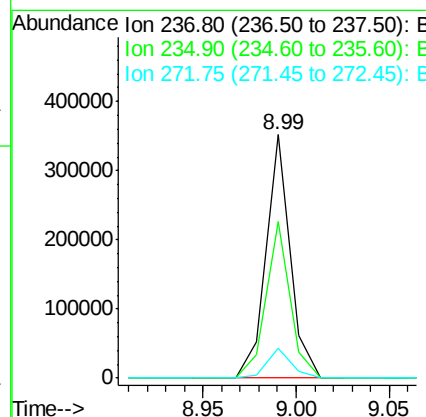
Manual Integrations
 APPROVED

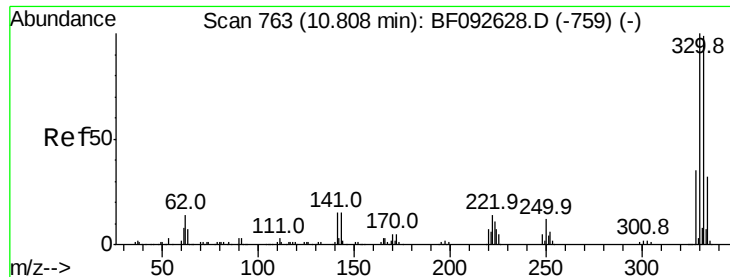
mohammad
 2/24/2017 2:11:04 PM



#40
 Hexachlorocyclopentadiene
 Concen: 82.07 ng
 RT: 8.99 min Scan# 604
 Delta R.T. -0.01 min
 Lab File: BF093108.D
 Acq: 23 Feb 2017 17:01

Tgt Ion:	237	Resp:	320702
Ion Ratio	Lower	Upper	
237	100		
235	64.3	41.2	81.2
272	12.1	0.0	35.4





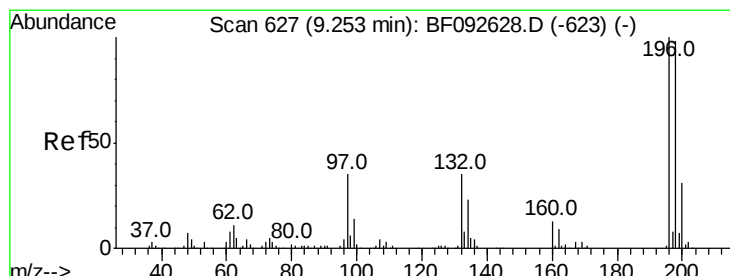
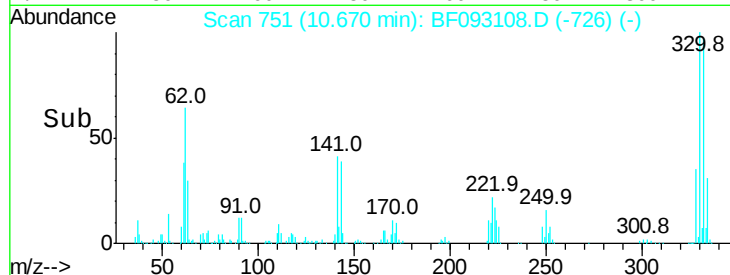
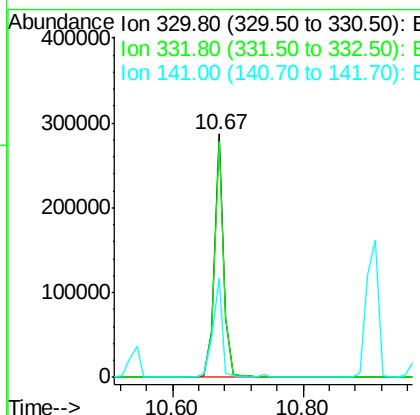
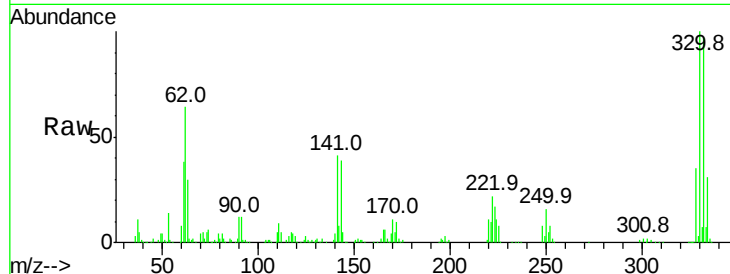
#41
 2,4,6-Tribromophenol
 Concen: 131.04 ng
 RT: 10.67 min Scan# 751
 Delta R.T. -0.01 min
 Lab File: BF093108.D
 Acq: 23 Feb 2017 17:01

Instrument :
 BNA_F
 ClientSampleId :
 PB97124BS

Tot Ion	Ratio	Resp	Lower	Upper
330	100	292432		
332	97.2	77.4	116.2	
141	40.9	34.1	51.1	

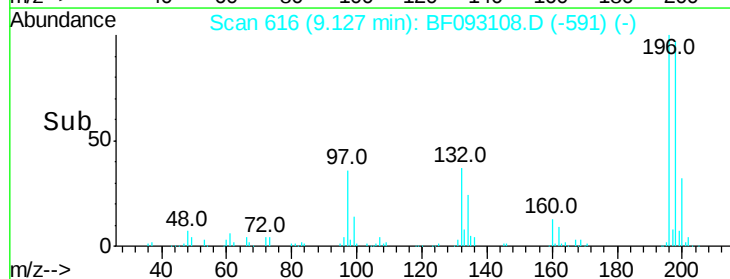
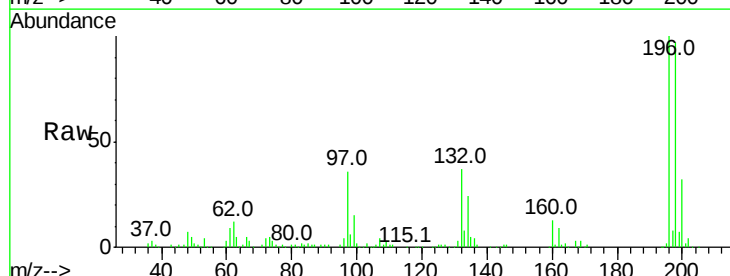
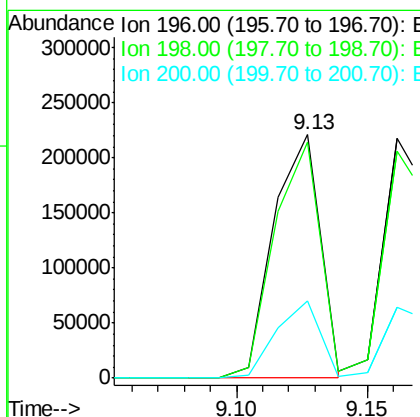
Manual Integrations
 APPROVED

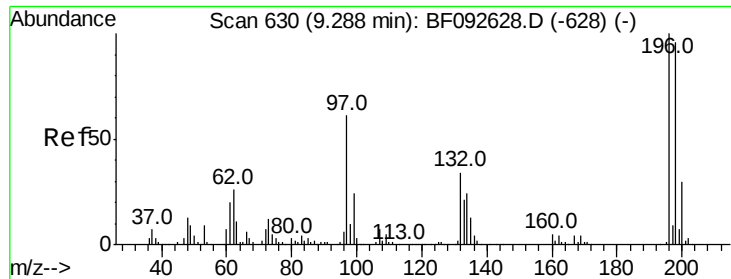
mohammad
 2/24/2017 2:11:04 PM



#42
 2,4,6-Trichlorophenol
 Concen: 48.45 ng
 RT: 9.13 min Scan# 616
 Delta R.T. -0.01 min
 Lab File: BF093108.D
 Acq: 23 Feb 2017 17:01

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	275725		
198	96.9	82.1	123.1	
200	31.6	27.0	40.4	





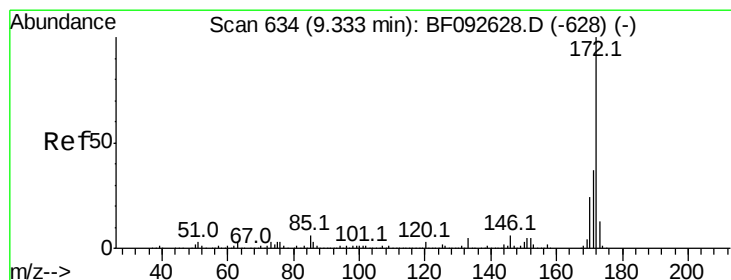
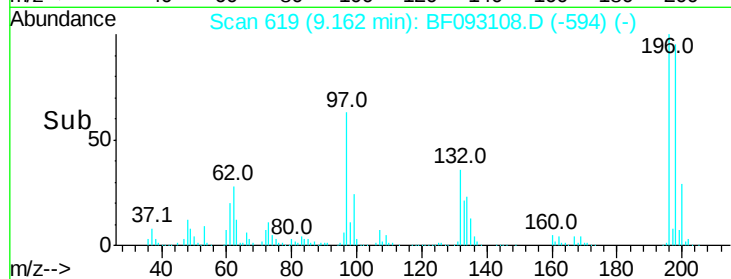
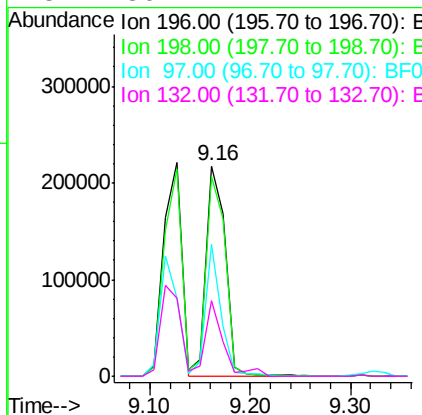
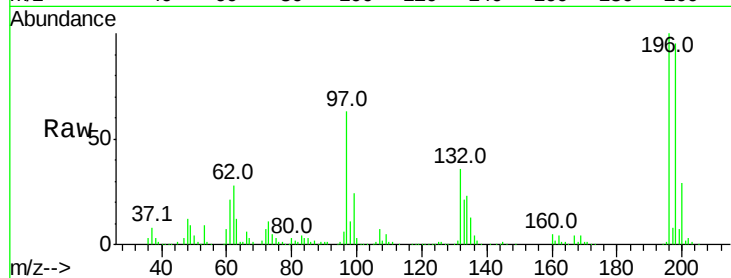
#43
 2,4,5-Trichlorophenol
 Concen: 46.02 ng
 RT: 9.16 min Scan# 619
 Delta R.T. -0.01 min
 Lab File: BF093108.D
 Acq: 23 Feb 2017 17:01

Instrument :
 BNA_F
 ClientSampleId :
 PB97124BS

Tot Ion:	196	Resp:	286964
Ion Ratio	Lower	Upper	
196	100		
198	94.6	79.4	119.2
97	62.7	51.5	77.3
132	36.1	27.4	41.2

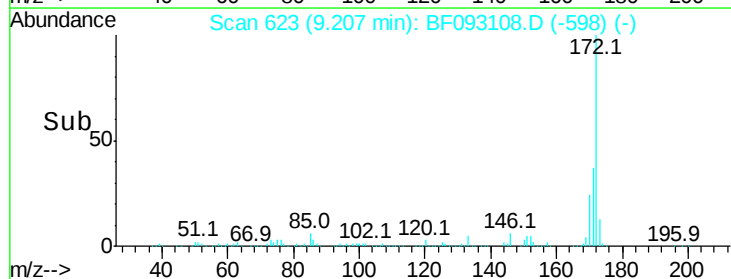
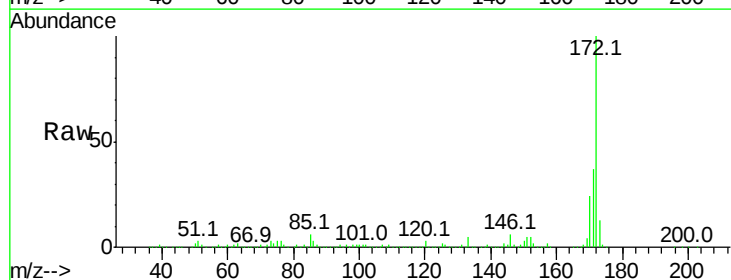
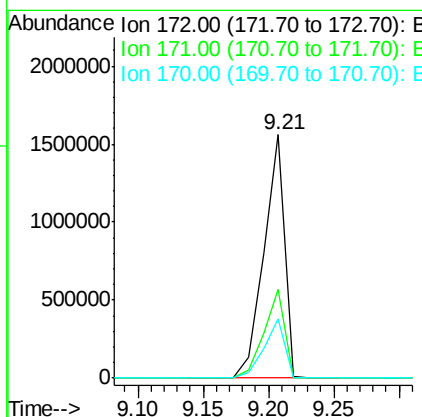
Manual Integrations
 APPROVED

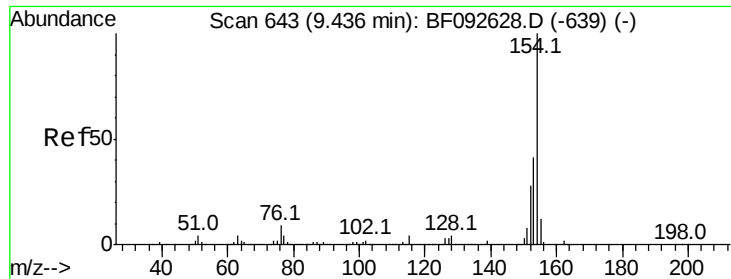
mohammad
 2/24/2017 2:11:04 PM



#44
 2-Fluorobiphenyl
 Concen: 101.63 ng
 RT: 9.21 min Scan# 623
 Delta R.T. -0.01 min
 Lab File: BF093108.D
 Acq: 23 Feb 2017 17:01

Tgt Ion:	172	Resp:	1730989
Ion Ratio	Lower	Upper	
172	100		
171	36.7	29.4	44.0
170	24.5	20.2	30.4





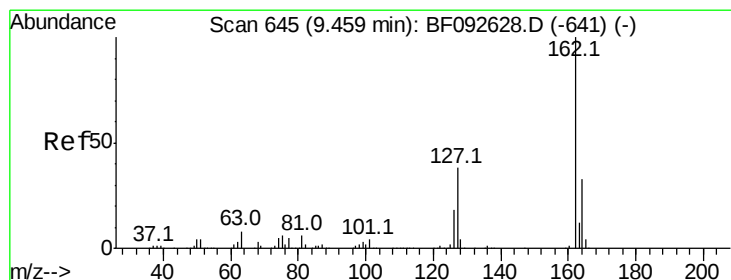
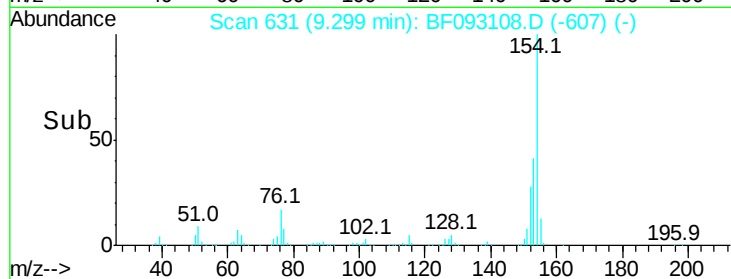
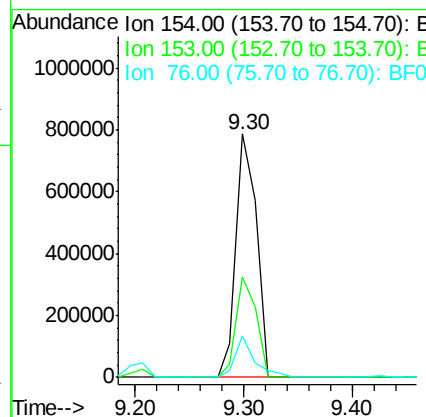
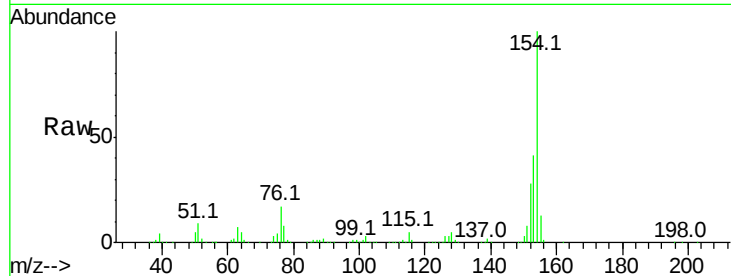
#45
 1,1'-Biphenyl
 Concen: 45.30 ng
 RT: 9.30 min Scan# 631
 Delta R.T. -0.02 min
 Lab File: BF093108.D
 Acq: 23 Feb 2017 17:01

Instrument :
 BNA_F
 ClientSampled :
 PB97124BS

Tot Ion	Ratio	Lower	Upper
154	100		
153	41.2	20.9	60.9
76	17.2	0.0	30.5

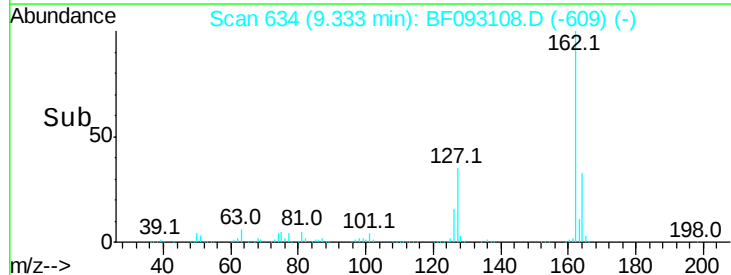
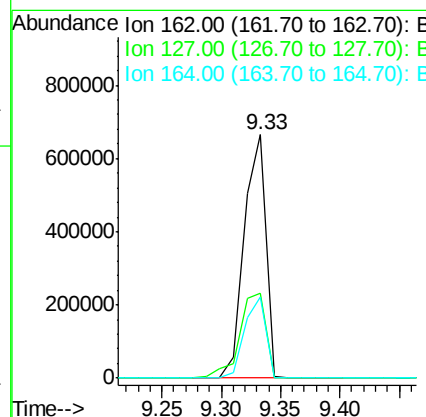
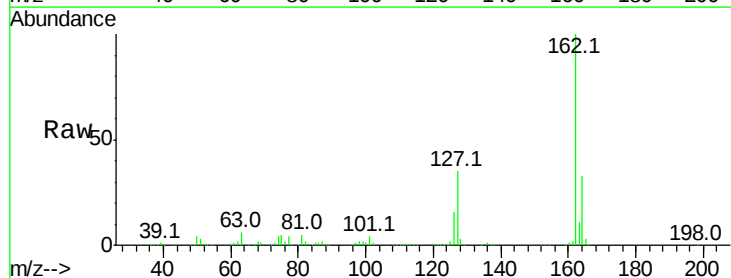
Manual Integrations
 APPROVED

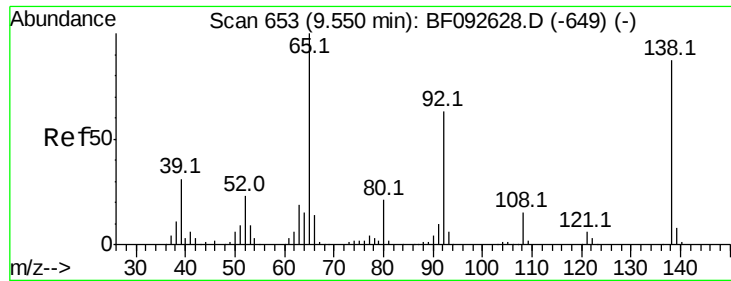
mohammad
 2/24/2017 2:11:04 PM



#46
 2-Chloronaphthalene
 Concen: 48.53 ng
 RT: 9.33 min Scan# 634
 Delta R.T. -0.01 min
 Lab File: BF093108.D
 Acq: 23 Feb 2017 17:01

Tgt Ion	Ratio	Lower	Upper
162	100		
127	34.8	30.7	46.1
164	33.2	27.6	41.4





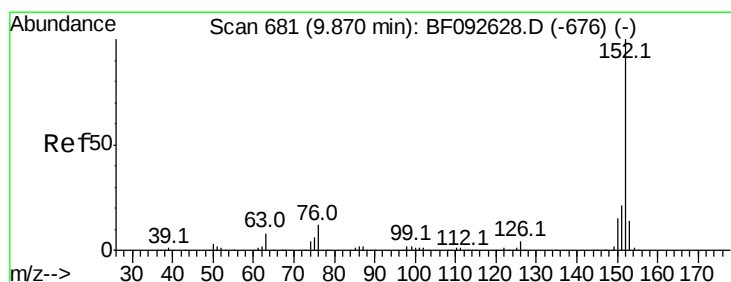
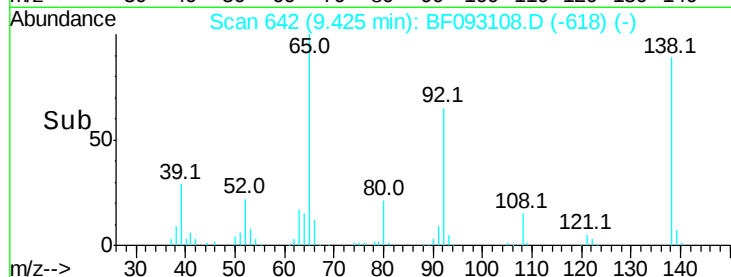
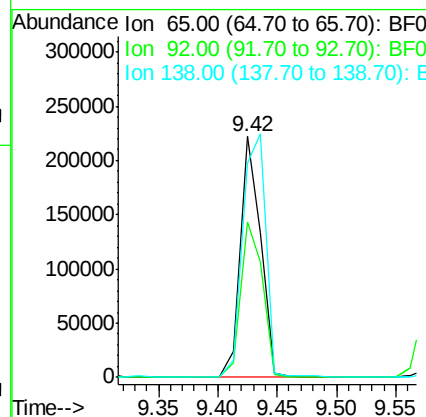
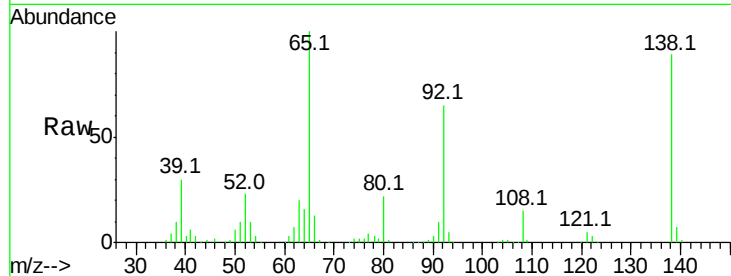
#47
2-Nitroaniline
Concen: 45.11 ng
RT: 9.42 min Scan# 642
Delta R.T. -0.02 min
Lab File: BF093108.D
Acq: 23 Feb 2017 17:01

Instrument :
BNA_F
ClientSampleId :
PB97124BS

Tot Ion	Ratio	Lower	Upper
65	100		
92	64.7	53.9	80.9
138	88.8	76.8	115.2

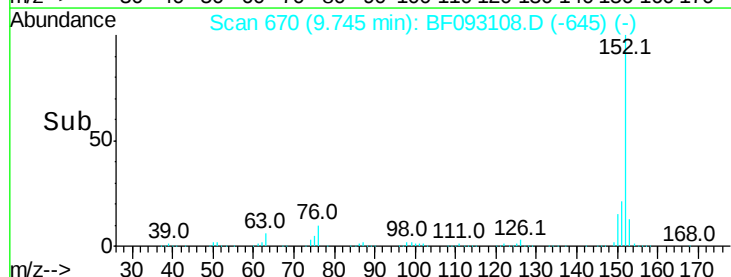
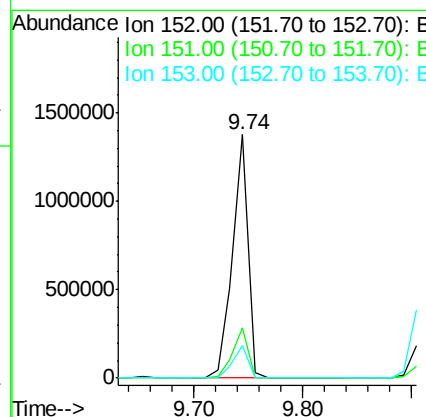
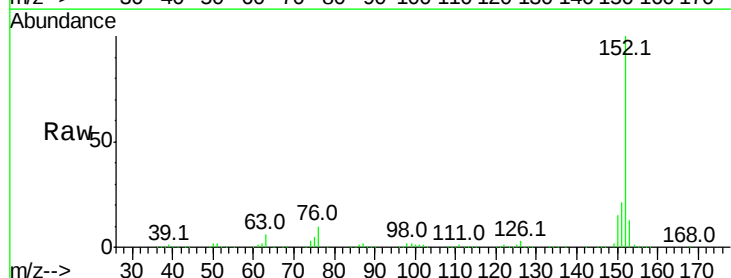
Manual Integrations
APPROVED

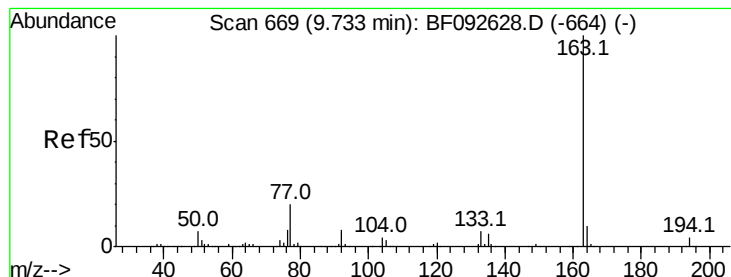
mohammad
2/24/2017 2:11:04 PM



#48
Acenaphthylene
Concen: 44.91 ng
RT: 9.74 min Scan# 670
Delta R.T. -0.01 min
Lab File: BF093108.D
Acq: 23 Feb 2017 17:01

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.6	16.9	25.3
153	13.4	11.4	17.2





#49

Dimethylphthalate

Concen: 45.67 ng

RT: 9.61 min Scan# 658

Delta R.T. -0.01 min

Lab File: BF093108.D

Acq: 23 Feb 2017 17:01

Instrument :

BNA_F

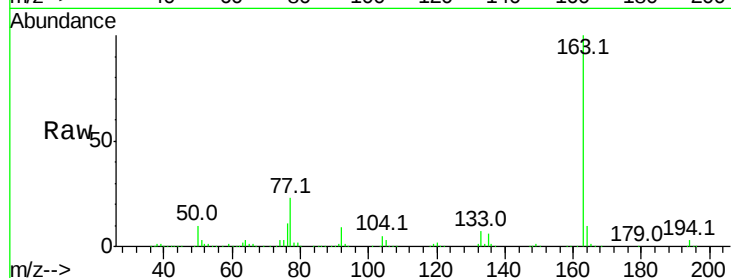
ClientSampleId :

PB97124BS

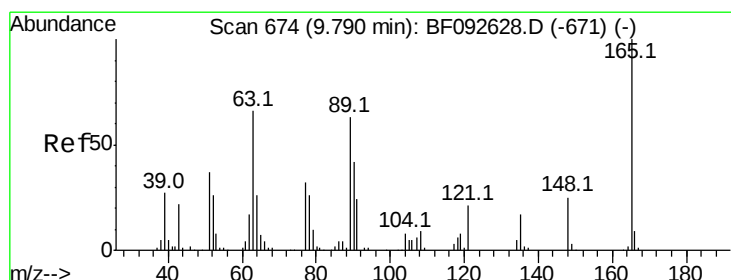
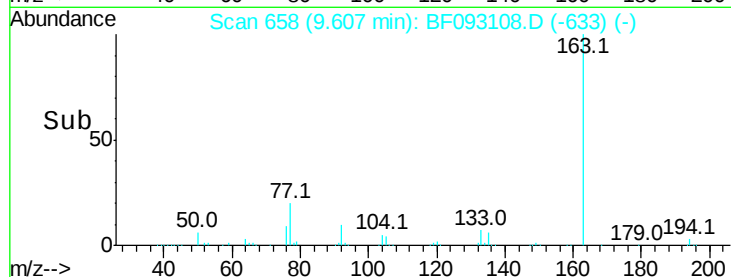
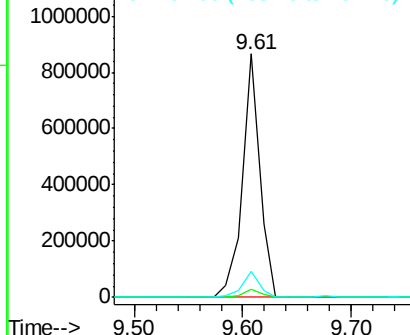
Tot Ion	Ratio	Resp	Lower	Upper
163	100	949241		
194	3.3		3.0	4.4
164	10.5		8.0	12.0

Manual Integrations
APPROVED

mohammad
2/24/2017 2:11:04 PM



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



#50

2,6-Dinitrotoluene

Concen: 54.72 ng

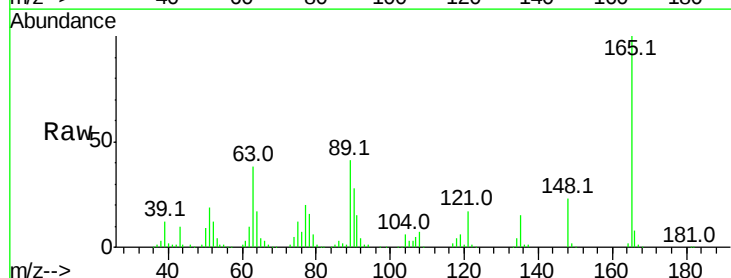
RT: 9.68 min Scan# 664

Delta R.T. -0.01 min

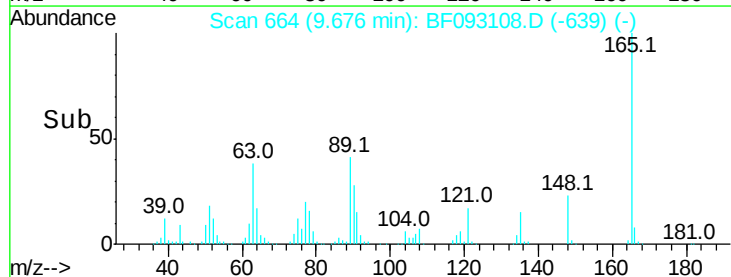
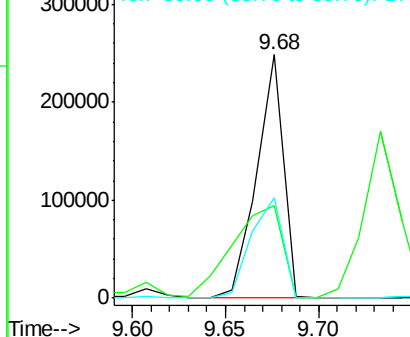
Lab File: BF093108.D

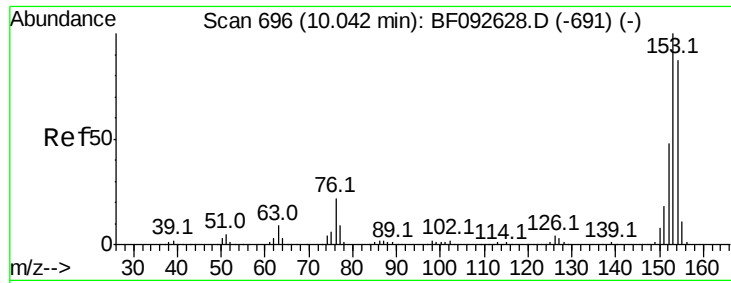
Acq: 23 Feb 2017 17:01

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	245615		
63	38.1		36.2	54.4
89	41.4		40.2	60.4



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





#51

Acenaphthene

Concen: 44.87 ng

RT: 9.92 min Scan# 685

Delta R.T. -0.01 min

Lab File: BF093108.D

Acq: 23 Feb 2017 17:01

Instrument :

BNA_F

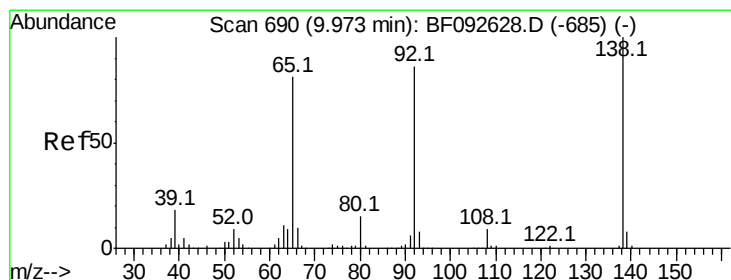
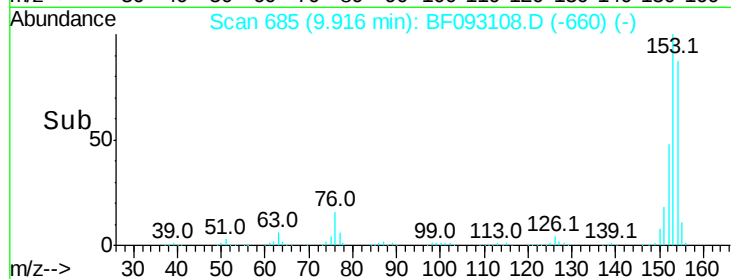
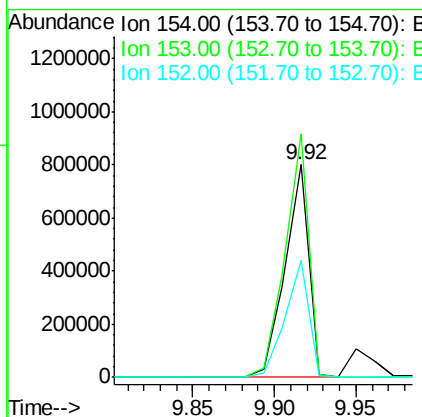
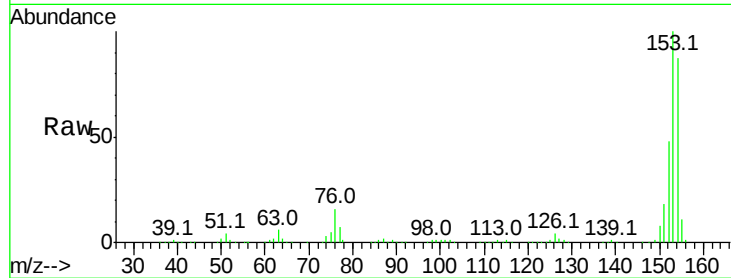
ClientSampleId :

PB97124BS

Tot Ion:	154	Resp:	809924
Ion Ratio	Lower	Upper	
154	100		
153	114.6	88.6	133.0
152	54.8	41.6	62.4

Manual Integrations
APPROVED

mohammad
2/24/2017 2:11:04 PM



#52

3-Nitroaniline

Concen: 29.57 ng

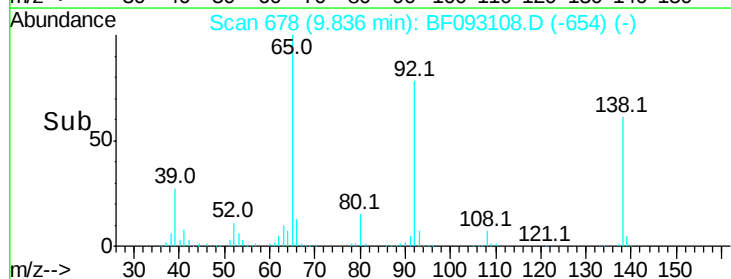
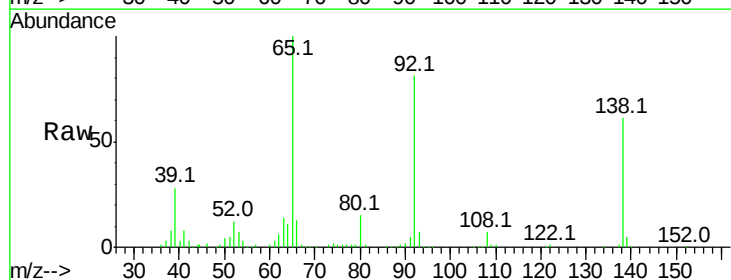
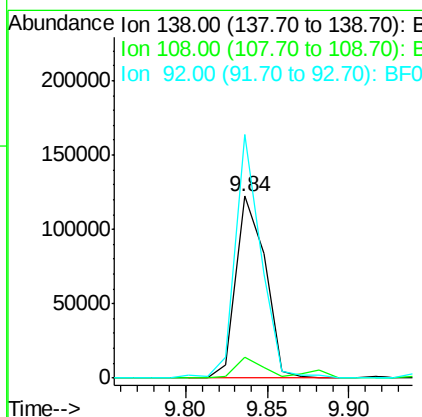
RT: 9.84 min Scan# 678

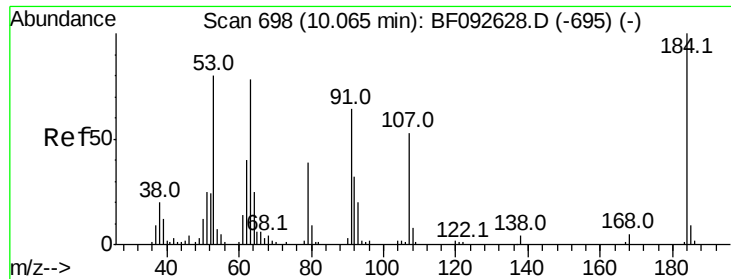
Delta R.T. -0.02 min

Lab File: BF093108.D

Acq: 23 Feb 2017 17:01

Tgt Ion:	138	Resp:	151906
Ion Ratio	Lower	Upper	
138	100		
108	11.4	8.5	12.7
92	133.9	97.8	146.8





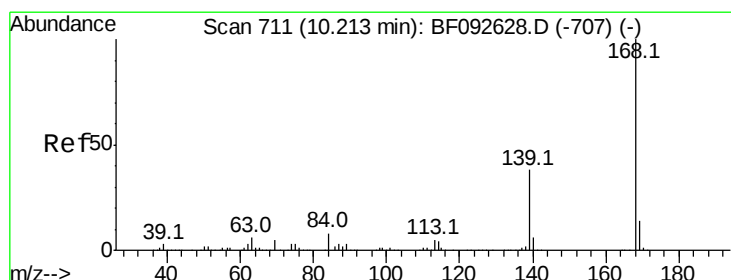
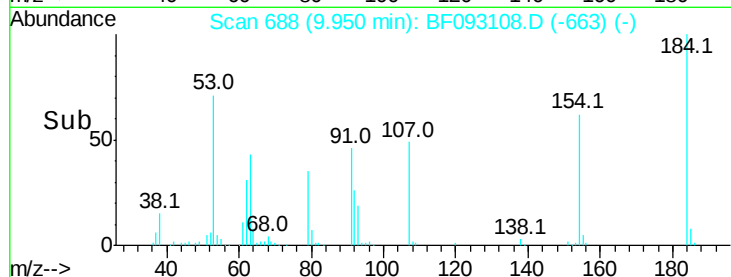
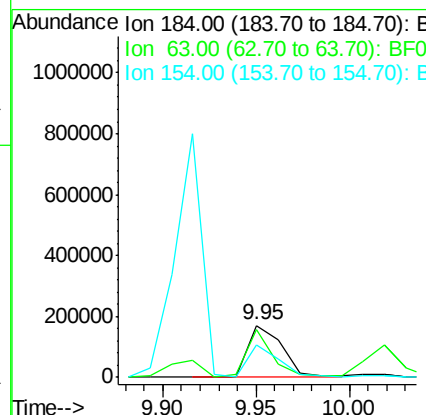
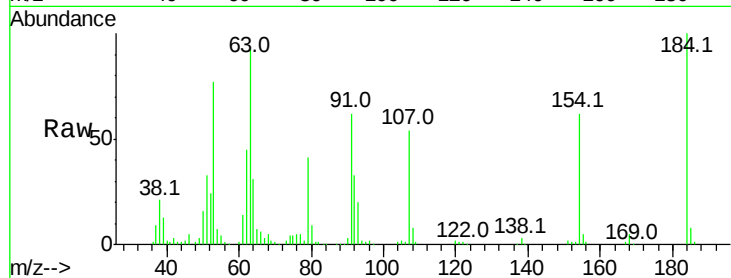
#53
 2,4-Dinitrophenol
 Concen: 95.31 ng
 RT: 9.95 min Scan# 688
 Delta R.T. -0.01 min
 Lab File: BF093108.D
 Acq: 23 Feb 2017 17:01

Instrument :
 BNA_F
 ClientSampleId :
 PB97124BS

Tot Ion	Ratio	Resp	Lower	Upper
184	100	219827		
63	92.0	28.4	42.6#	
154	62.4	44.3	66.5	

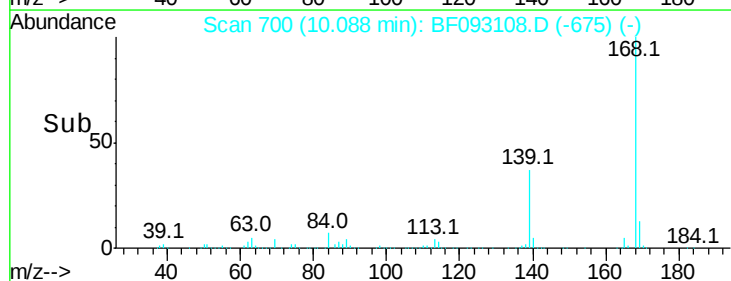
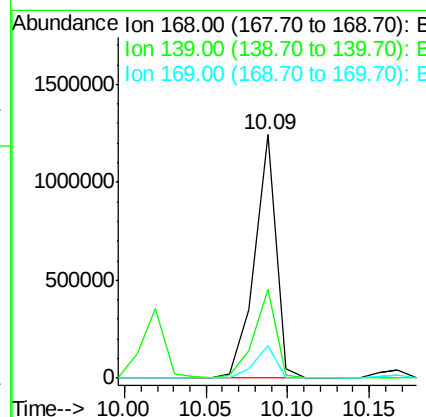
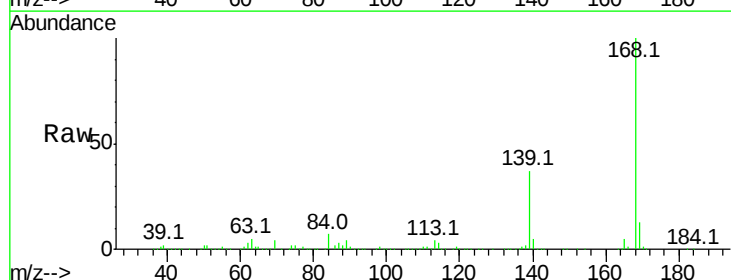
Manual Integrations
 APPROVED

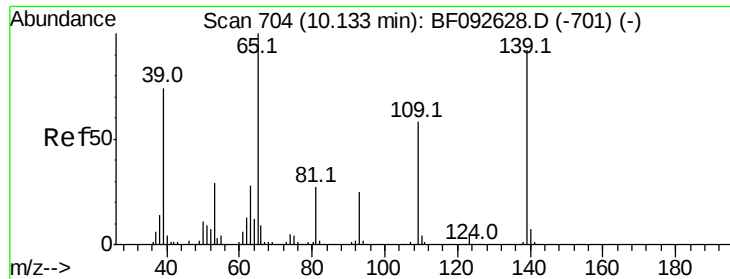
mohammad
 2/24/2017 2:11:04 PM



#54
 Dibenzofuran
 Concen: 47.32 ng
 RT: 10.09 min Scan# 700
 Delta R.T. -0.01 min
 Lab File: BF093108.D
 Acq: 23 Feb 2017 17:01

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	1142552		
139	36.6	32.6	49.0	
169	13.4	11.3	16.9	





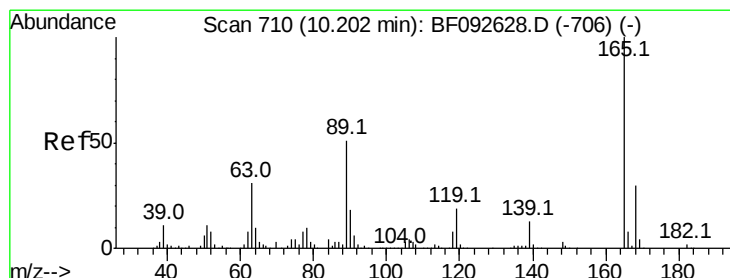
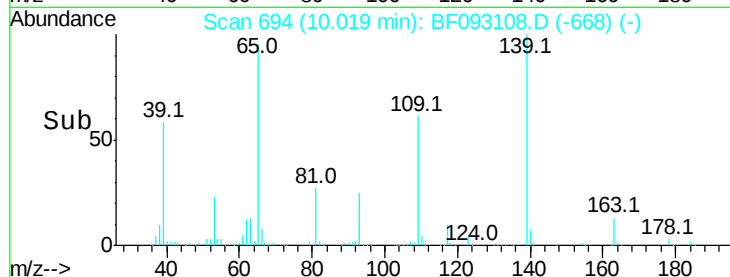
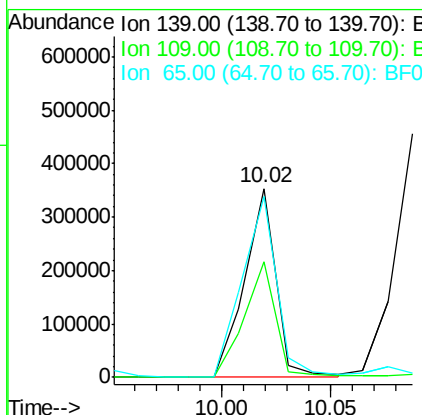
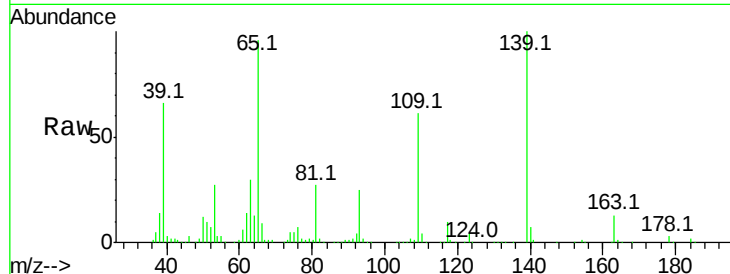
#55
4-Nitrophenol
Concen: 95.97 ng
RT: 10.02 min Scan# 694
Delta R.T. -0.00 min
Lab File: BF093108.D
Acq: 23 Feb 2017 17:01

Instrument :
BNA_F
ClientSampleId :
PB97124BS

Tot Ion	Ratio	Resp	Lower	Upper
139	100			
109	61.3	52.2	92.2	
65	95.6	85.8	125.8	

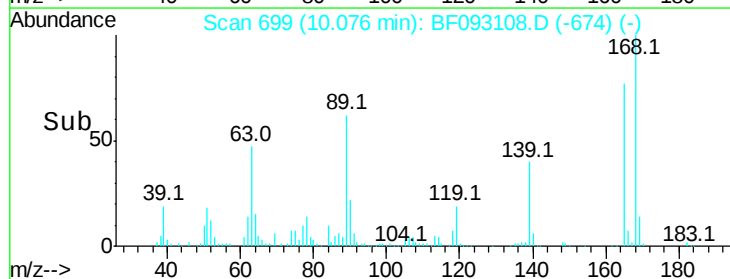
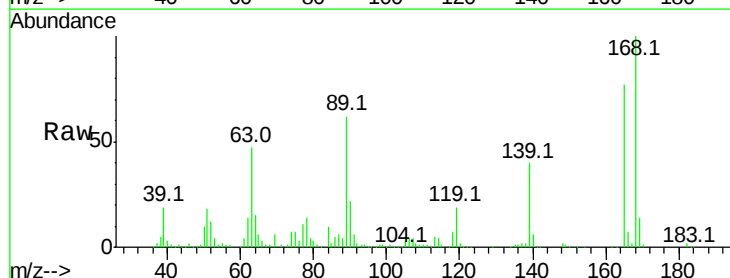
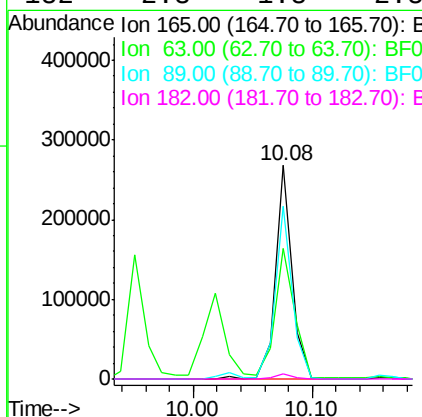
Manual Integrations
APPROVED

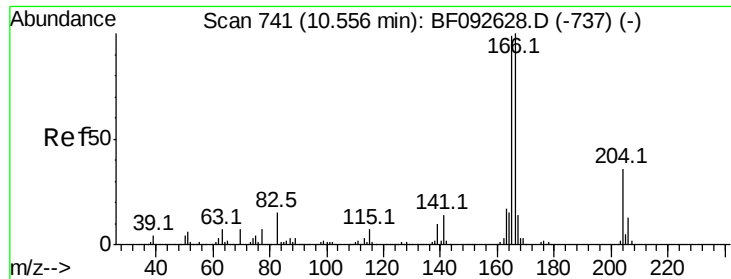
mohammad
2/24/2017 2:11:04 PM



#56
2,4-Dinitrotoluene
Concen: 43.46 ng
RT: 10.08 min Scan# 699
Delta R.T. -0.01 min
Lab File: BF093108.D
Acq: 23 Feb 2017 17:01

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	61.0	40.2	60.4	
89	80.8	62.5	93.7	
182	2.3	1.8	2.8	





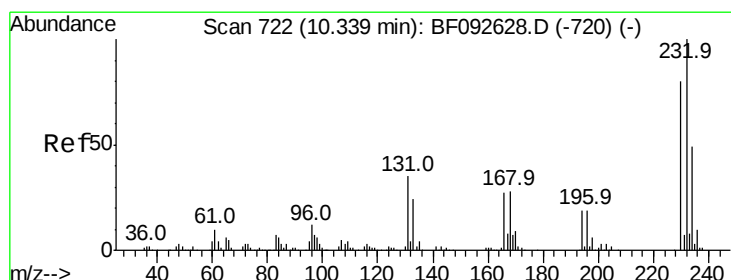
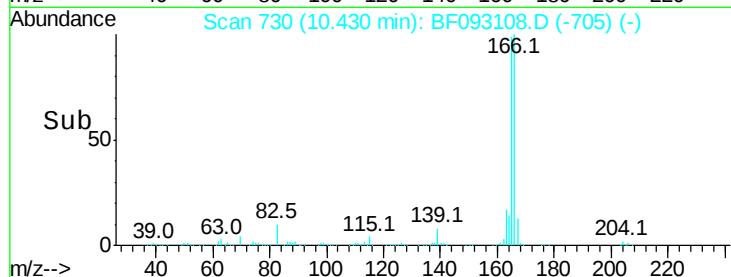
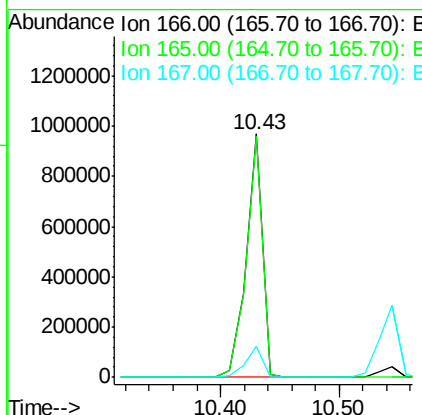
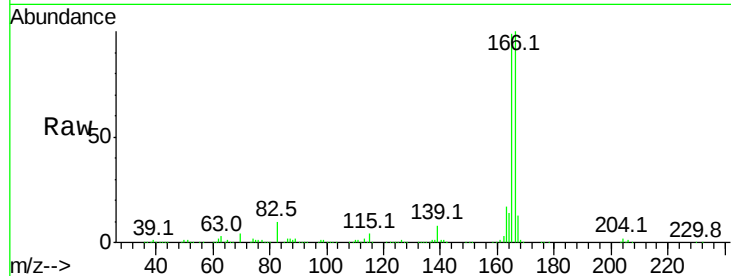
#57
 Fluorene
 Concen: 49.56 ng
 RT: 10.43 min Scan# 730
 Delta R.T. -0.01 min
 Lab File: BF093108.D
 Acq: 23 Feb 2017 17:01

Instrument :
 BNA_F
 ClientSampleId :
 PB97124BS

Tot Ion	Ratio	Resp	Lower	Upper
166	100	920682		
165	99.3		77.8	116.8
167	12.9		10.8	16.2

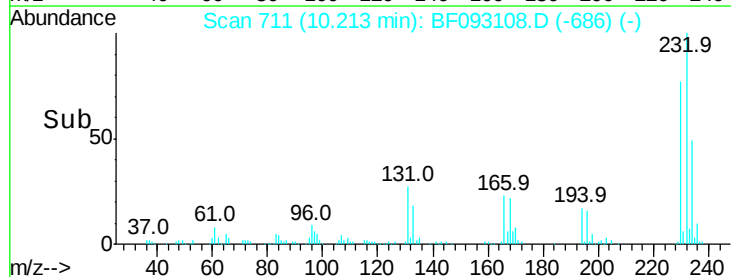
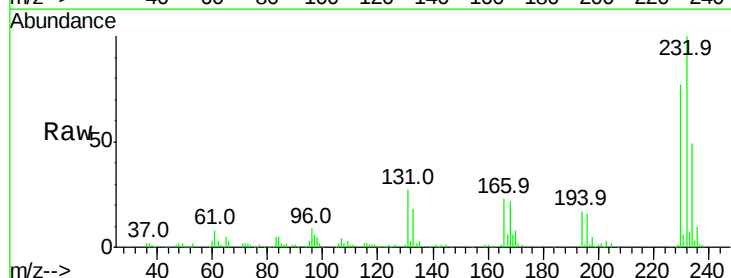
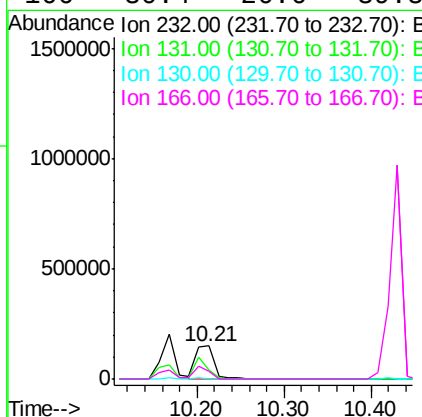
Manual Integrations
 APPROVED

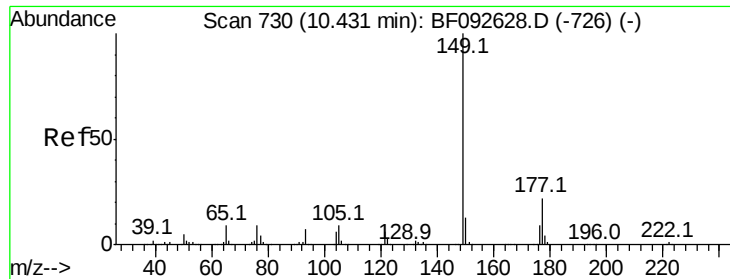
mohammad
 2/24/2017 2:11:04 PM



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 52.58 ng
 RT: 10.21 min Scan# 711
 Delta R.T. -0.01 min
 Lab File: BF093108.D
 Acq: 23 Feb 2017 17:01

Tgt Ion	Ratio	Resp	Lower	Upper
232	100	218713		
131	47.2		40.1	60.1
130	2.2		1.8	2.8
166	30.4		26.6	39.8





#59

Diethylphthalate

Concen: 47.31 ng

RT: 10.30 min Scan# 719

Delta R.T. -0.01 min

Lab File: BF093108.D

Acq: 23 Feb 2017 17:01

Instrument :

BNA_F

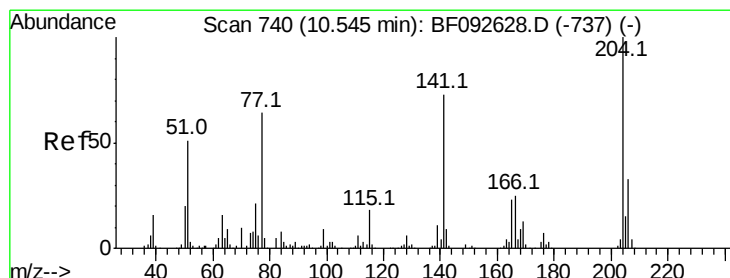
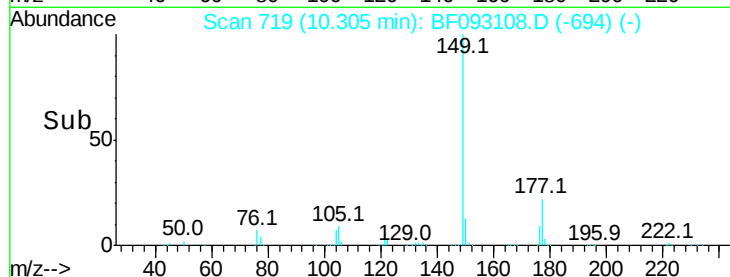
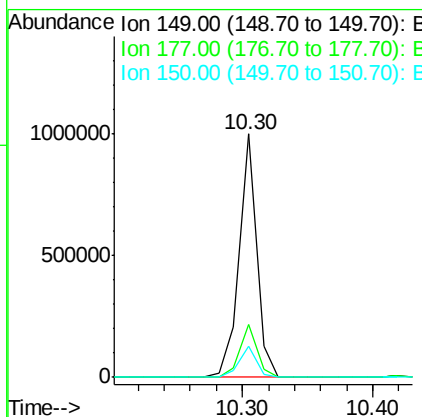
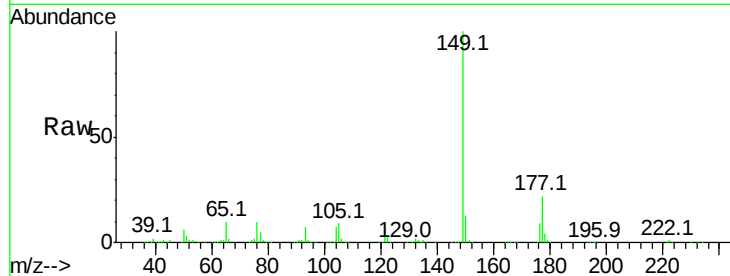
ClientSampleId :

PB97124BS

Tot Ion:	149	Resp:	926555
Ion Ratio	Lower	Upper	
149	100		
177	21.9	16.6	25.0
150	12.8	10.4	15.6

Manual Integrations
APPROVED

mohammad
2/24/2017 2:11:04 PM



#60

4-Chlorophenyl-phenylether

Concen: 45.70 ng

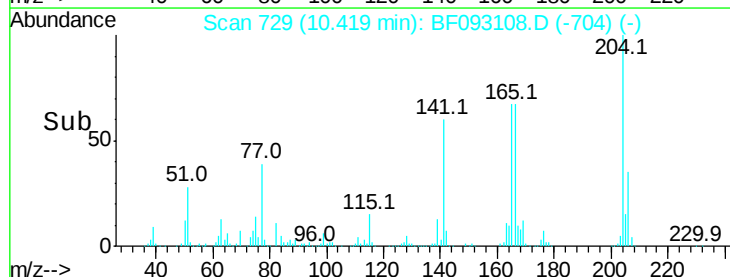
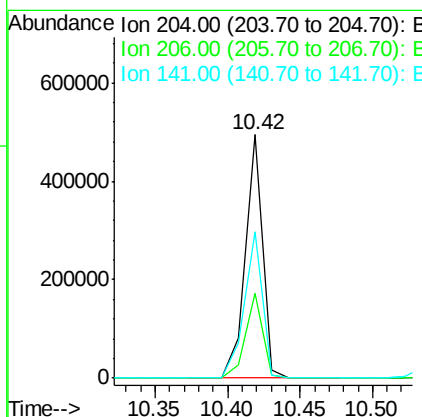
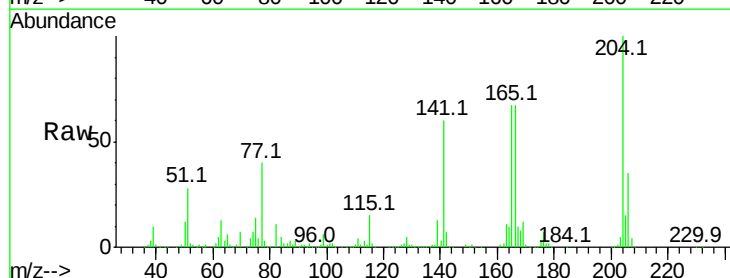
RT: 10.42 min Scan# 729

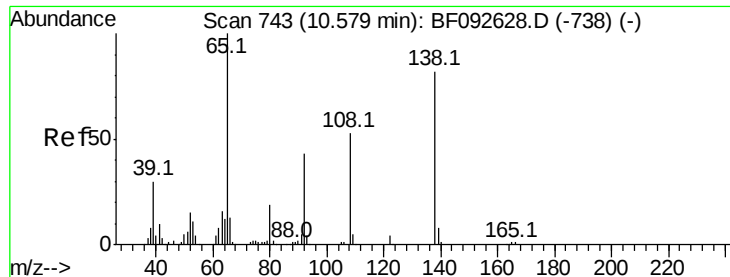
Delta R.T. -0.01 min

Lab File: BF093108.D

Acq: 23 Feb 2017 17:01

Tgt Ion:	204	Resp:	407806
Ion Ratio	Lower	Upper	
204	100		
206	34.9	25.8	38.6
141	60.1	59.4	89.0





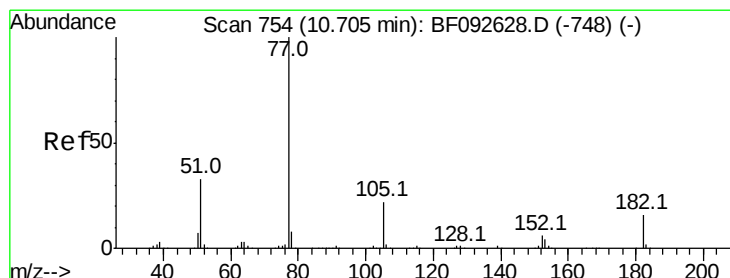
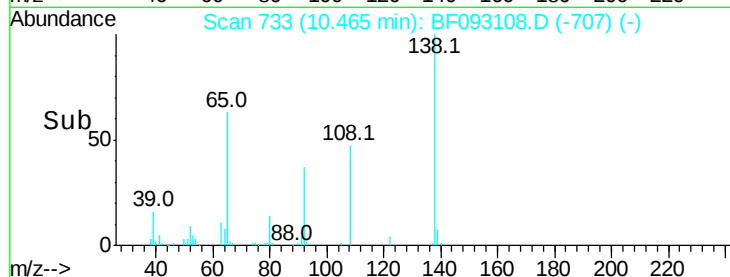
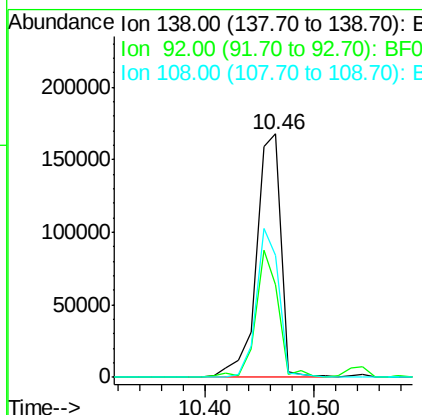
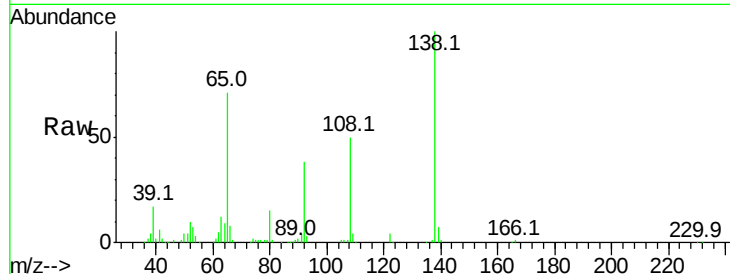
#61
4-Nitroaniline
Concen: 50.10 ng
RT: 10.46 min Scan# 733
Delta R.T. -0.00 min
Lab File: BF093108.D
Acq: 23 Feb 2017 17:01

Instrument :
BNA_F
ClientSampleId :
PB97124BS

Tot Ion	Ratio	Lower	Upper
138	100		
92	37.9	31.7	71.7
108	50.0	52.6	92.6#

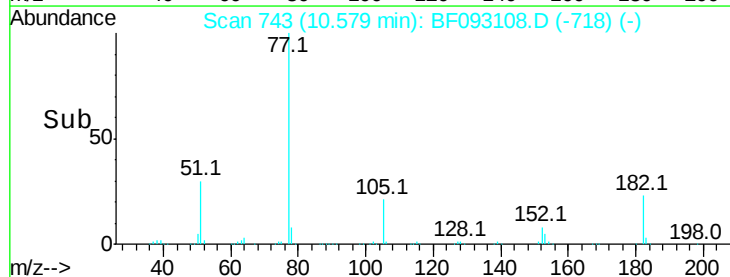
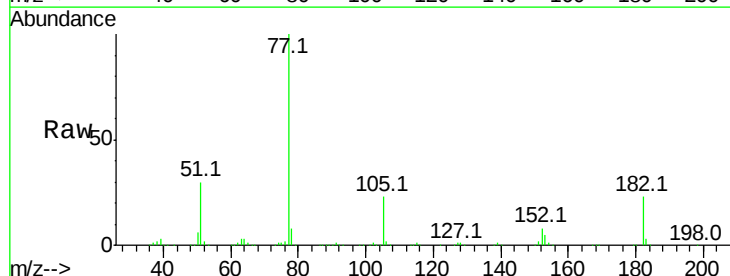
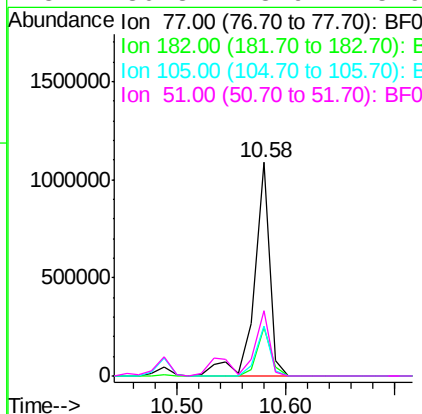
Manual Integrations
APPROVED

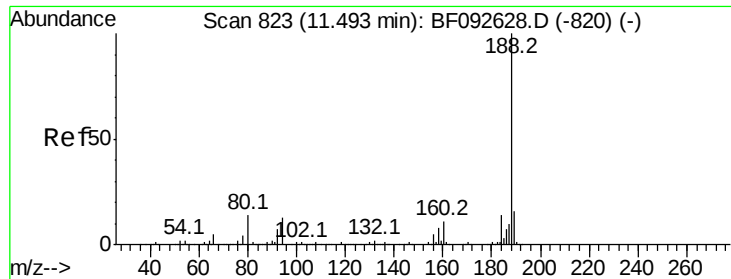
mohammad
2/24/2017 2:11:04 PM



#62
Azobenzene
Concen: 53.45 ng
RT: 10.58 min Scan# 743
Delta R.T. -0.01 min
Lab File: BF093108.D
Acq: 23 Feb 2017 17:01

Tgt Ion	Ratio	Lower	Upper
77	100		
182	22.5	0.0	39.3
105	23.2	2.3	42.3
51	30.3	8.9	48.9





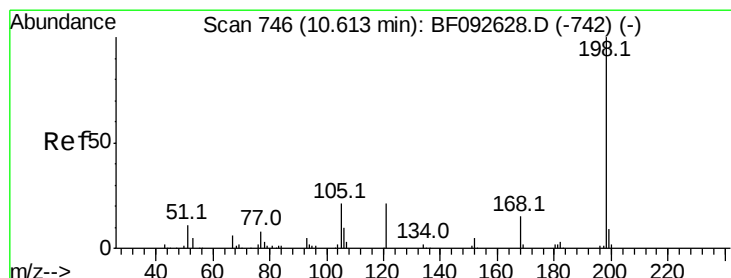
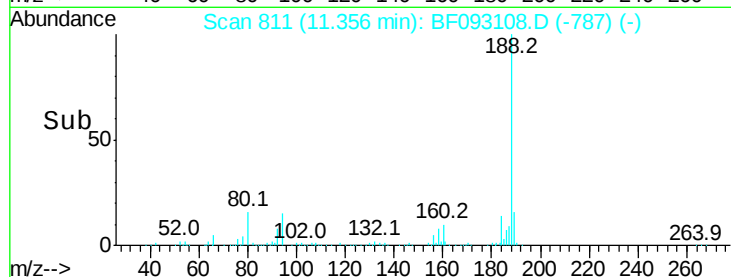
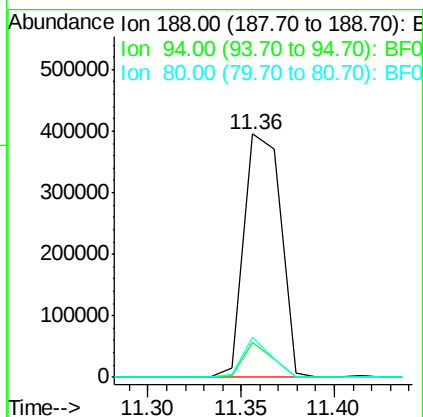
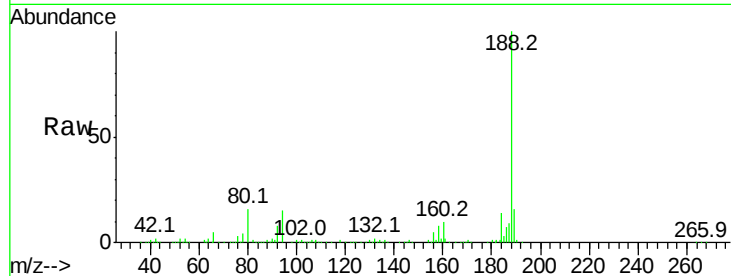
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.36 min Scan# 811
Delta R.T. -0.02 min
Lab File: BF093108.D
Acq: 23 Feb 2017 17:01

Instrument :
BNA_F
ClientSampleId :
PB97124BS

Tot Ion	Ratio	Resp	Lower	Upper
188	100	542824		
94	14.6		10.0	15.0
80	16.4		11.2	16.8

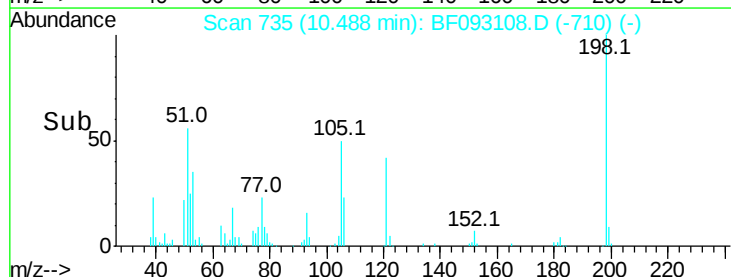
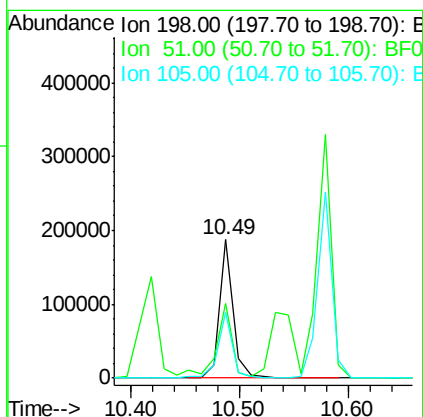
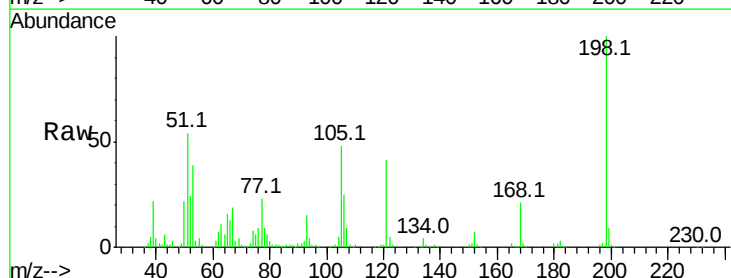
Manual Integrations
APPROVED

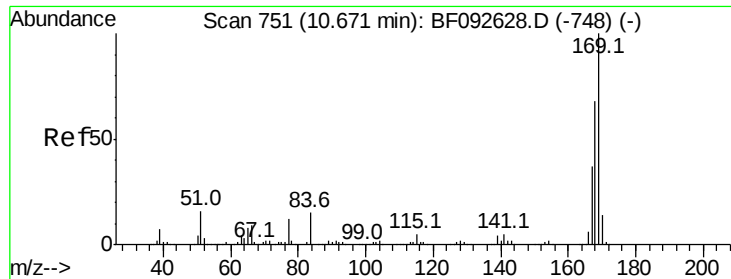
mohammad
2/24/2017 2:11:04 PM



#64
4,6-Dinitro-2-methylphenol
Concen: 50.29 ng
RT: 10.49 min Scan# 735
Delta R.T. -0.01 min
Lab File: BF093108.D
Acq: 23 Feb 2017 17:01

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	166598		
51	53.8		6.7	46.7#
105	47.7		16.6	56.6





#65

n-Nitrosodiphenylamine

Concen: 47.96 ng

RT: 10.54 min Scan# 740

Delta R.T. -0.01 min

Lab File: BF093108.D

Acq: 23 Feb 2017 17:01

Instrument :

BNA_F

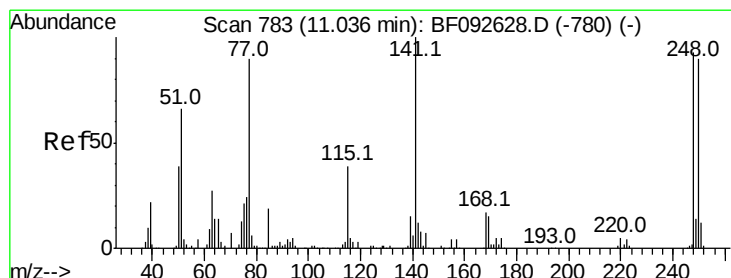
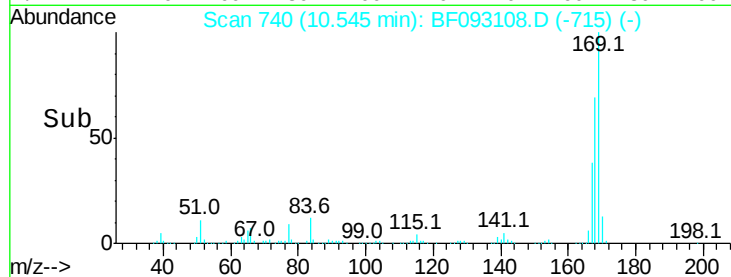
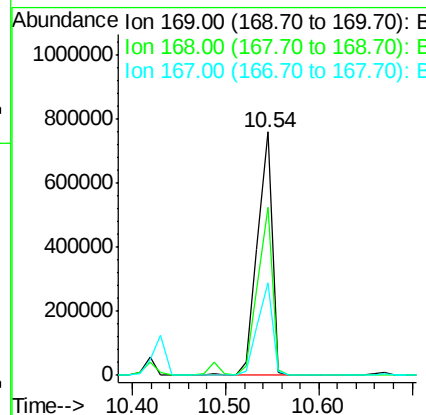
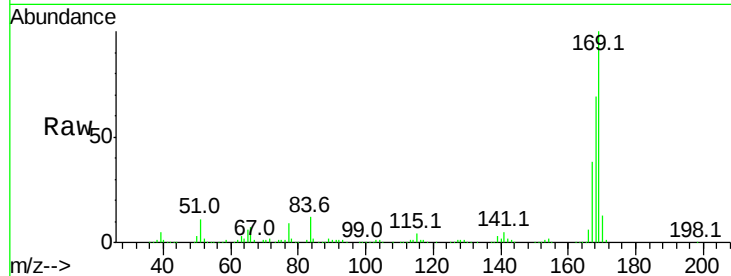
ClientSampleId :

PB97124BS

Tot Ion:	169	Resp:	831678
Ion Ratio	Lower	Upper	
169	100		
168	68.8	54.2	81.2
167	37.8	30.2	45.4

Manual Integrations
APPROVED

mohammad
2/24/2017 2:11:04 PM



#66

4-Bromophenyl-phenylether

Concen: 45.88 ng

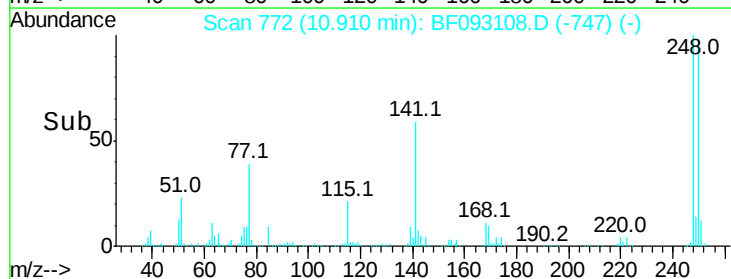
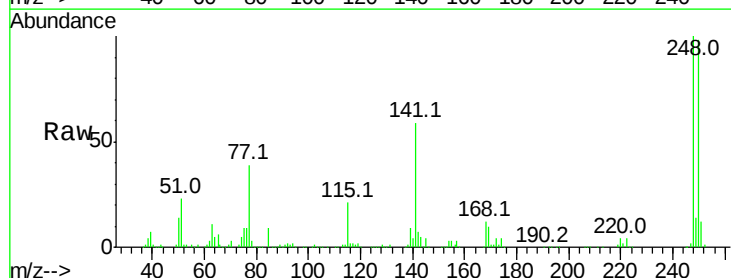
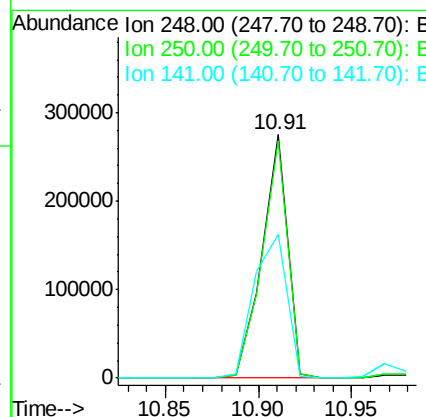
RT: 10.91 min Scan# 772

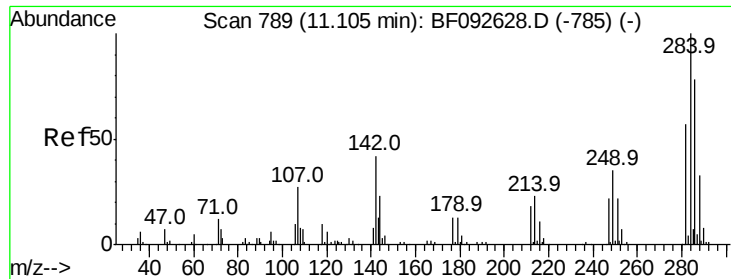
Delta R.T. -0.01 min

Lab File: BF093108.D

Acq: 23 Feb 2017 17:01

Tgt Ion:	248	Resp:	260206
Ion Ratio	Lower	Upper	
248	100		
250	97.6	76.9	115.3
141	58.9	68.2	102.4#





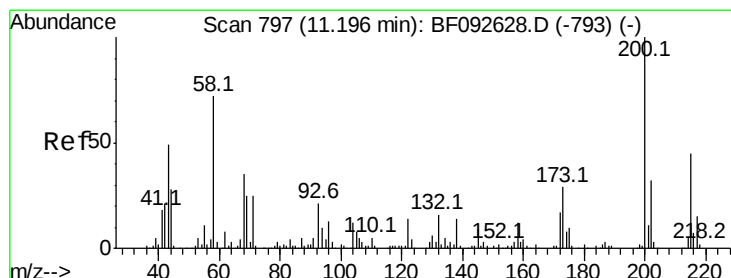
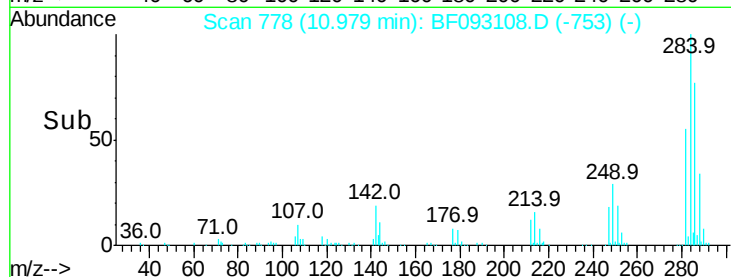
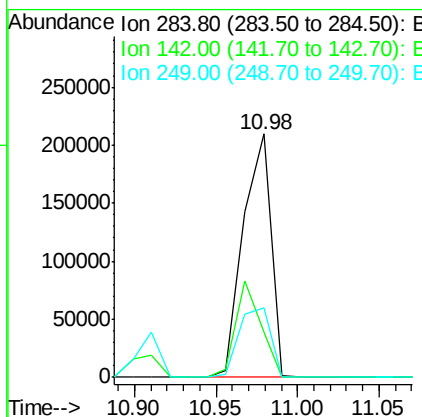
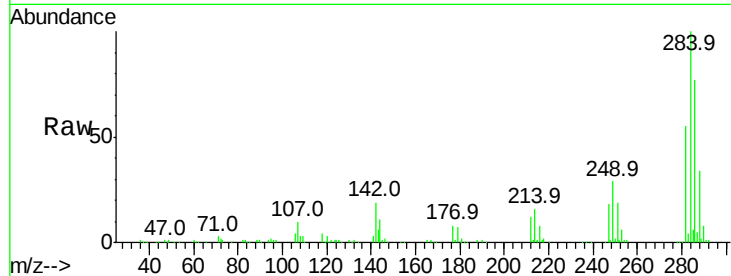
#67
Hexachlorobenzene
Concen: 44.16 ng
RT: 10.98 min Scan# 778
Delta R.T. -0.01 min
Lab File: BF093108.D
Acq: 23 Feb 2017 17:01

Instrument :
BNA_F
ClientSampled :
PB97124BS

Tot Ion	Ratio	Resp	Lower	Upper
284	100	247473		
142	18.7	22.6	33.8#	
249	28.7	25.4	38.0	

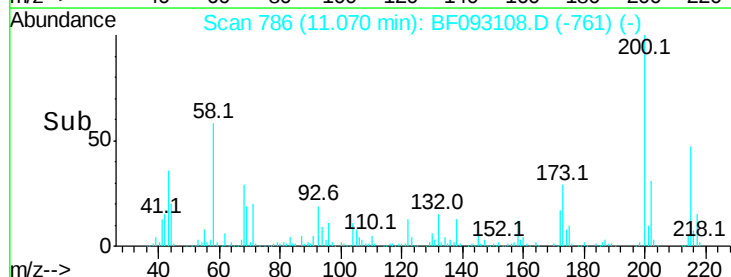
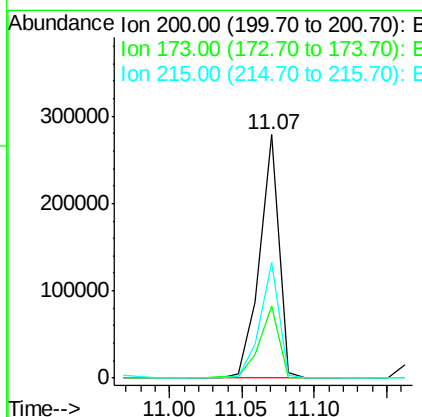
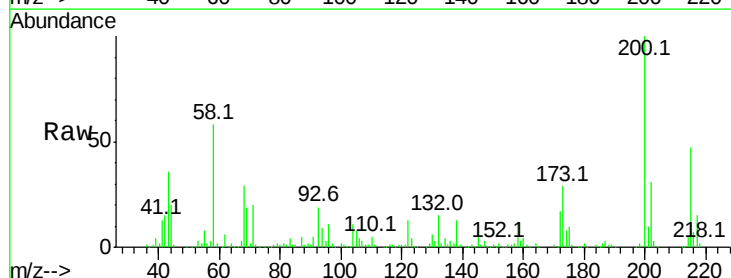
Manual Integrations
APPROVED

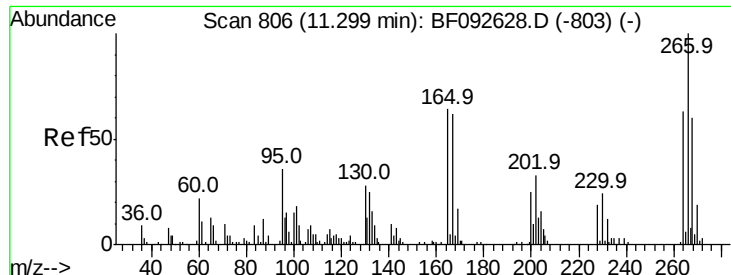
mohammad
2/24/2017 2:11:04 PM



#68
Atrazine
Concen: 46.67 ng
RT: 11.07 min Scan# 786
Delta R.T. -0.01 min
Lab File: BF093108.D
Acq: 23 Feb 2017 17:01

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	259732		
173	29.4	9.6	49.6	
215	47.4	25.7	65.7	





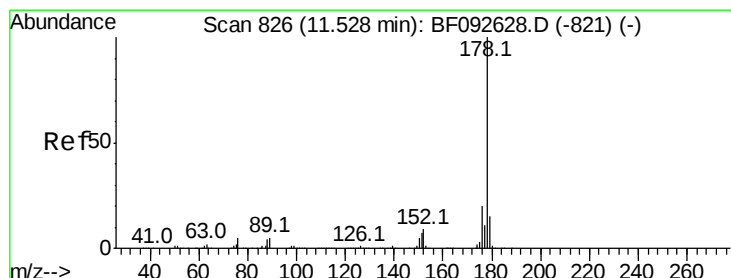
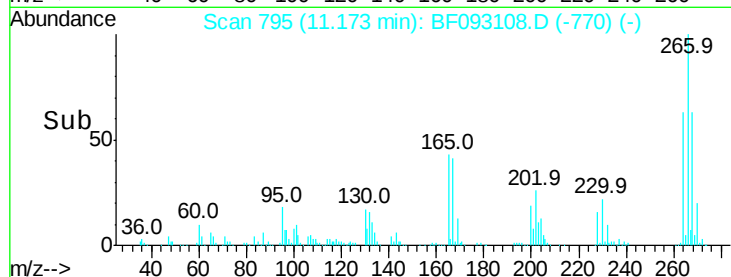
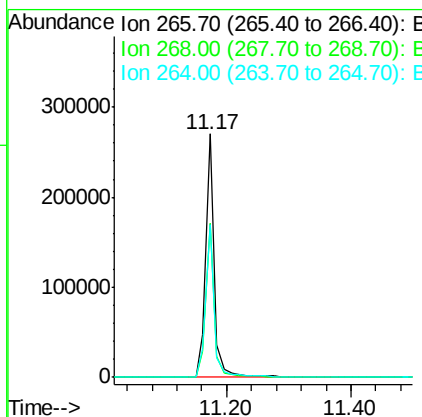
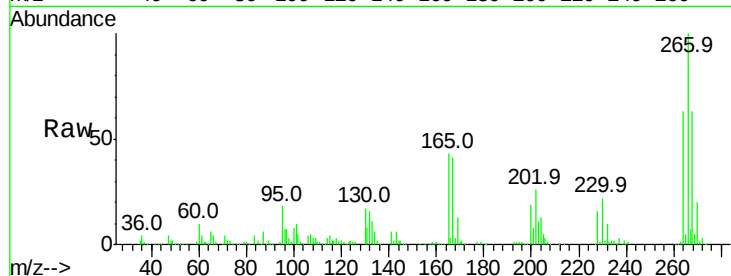
#69
 Pentachlorophenol
 Concen: 90.90 ng
 RT: 11.17 min Scan# 795
 Delta R.T. -0.01 min
 Lab File: BF093108.D
 Acq: 23 Feb 2017 17:01

Instrument :
 BNA_F
 ClientSampleId :
 PB97124BS

Tot Ion	Ratio	Resp	Lower	Upper
266	100	266094		
268	63.5	53.3	79.9	
264	62.9	50.3	75.5	

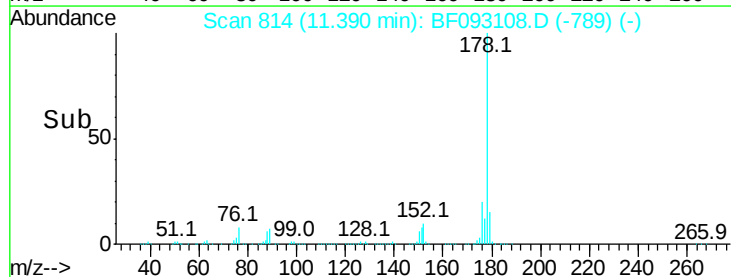
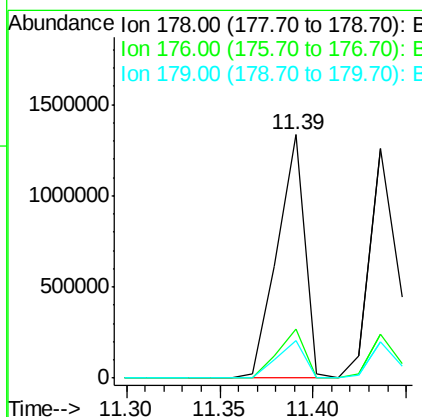
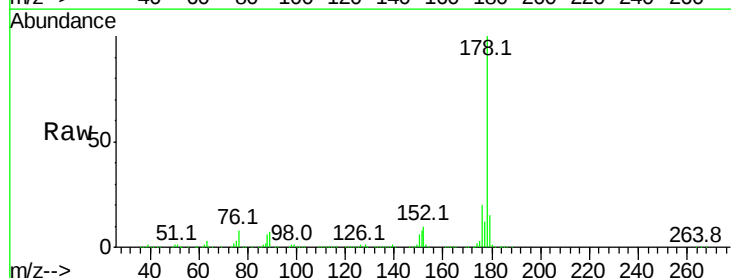
Manual Integrations
 APPROVED

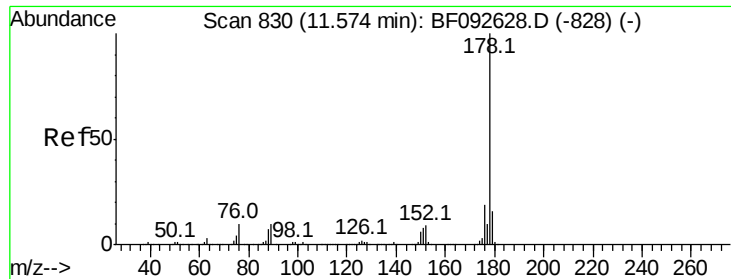
mohammad
 2/24/2017 2:11:04 PM



#70
 Phenanthrene
 Concen: 44.06 ng
 RT: 11.39 min Scan# 814
 Delta R.T. -0.01 min
 Lab File: BF093108.D
 Acq: 23 Feb 2017 17:01

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	1370301		
176	20.1	16.6	25.0	
179	15.3	12.8	19.2	





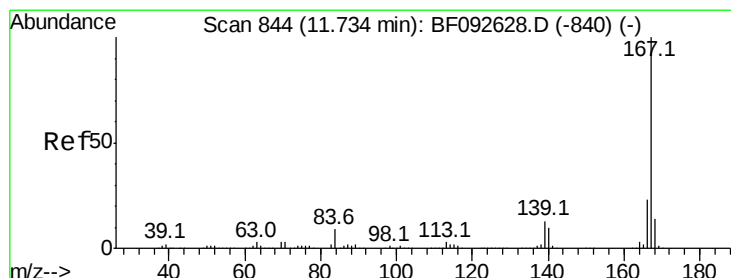
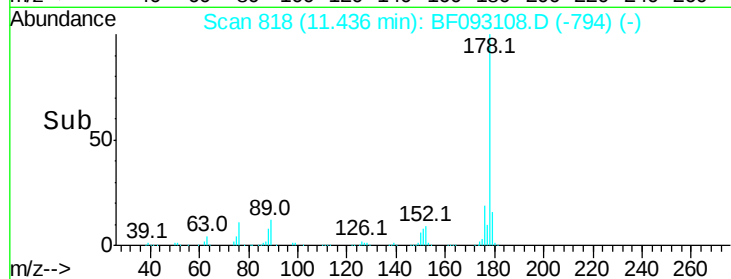
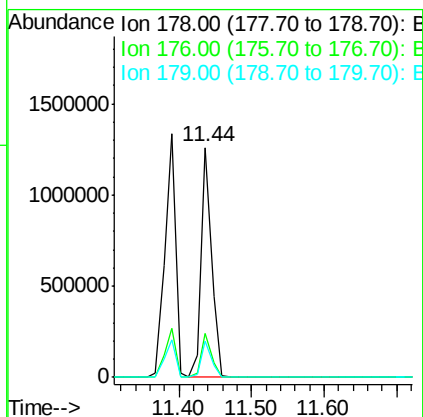
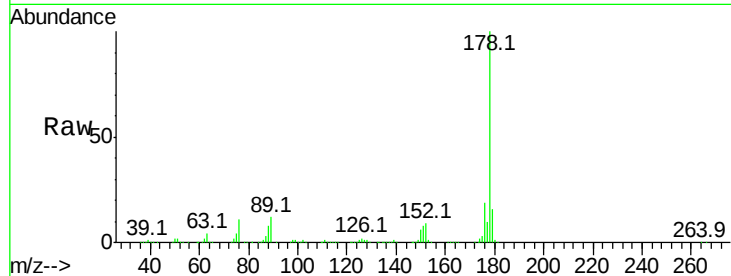
#71
 Anthracene
 Concen: 40.50 ng
 RT: 11.44 min Scan# 818
 Delta R.T. -0.02 min
 Lab File: BF093108.D
 Acq: 23 Feb 2017 17:01

Instrument :
 BNA_F
 ClientSampleId :
 PB97124BS

Tot Ion:178 Resp: 1264745
 Ion Ratio Lower Upper
 178 100
 176 19.4 15.9 23.9
 179 16.0 13.2 19.8

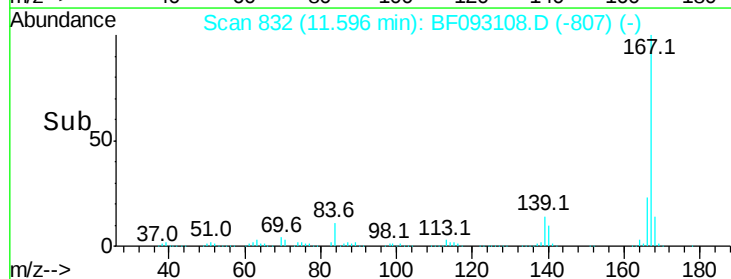
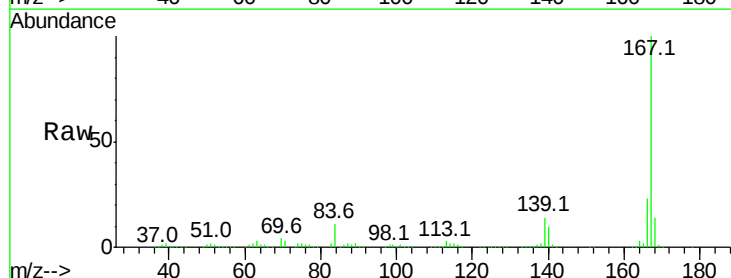
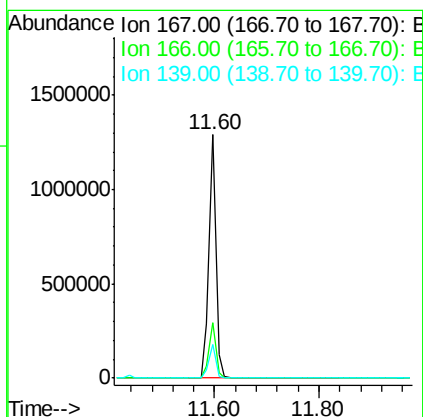
Manual Integrations
 APPROVED

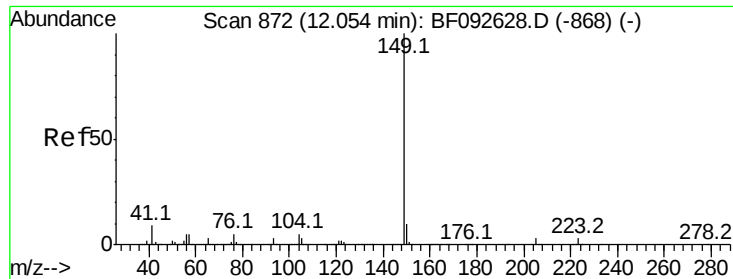
mohammad
 2/24/2017 2:11:04 PM



#72
 Carbazole
 Concen: 39.85 ng
 RT: 11.60 min Scan# 832
 Delta R.T. -0.01 min
 Lab File: BF093108.D
 Acq: 23 Feb 2017 17:01

Tgt Ion:167 Resp: 1189741
 Ion Ratio Lower Upper
 167 100
 166 22.8 18.2 27.2
 139 13.8 11.4 17.2





#73

Di-n-butylphthalate

Concen: 49.61 ng

RT: 11.93 min Scan# 861

Delta R.T. -0.01 min

Lab File: BF093108.D

Acq: 23 Feb 2017 17:01

Instrument :

BNA_F

ClientSampleId :

PB97124BS

Tot Ion:149 Resp: 1601838

Ion Ratio Lower Upper

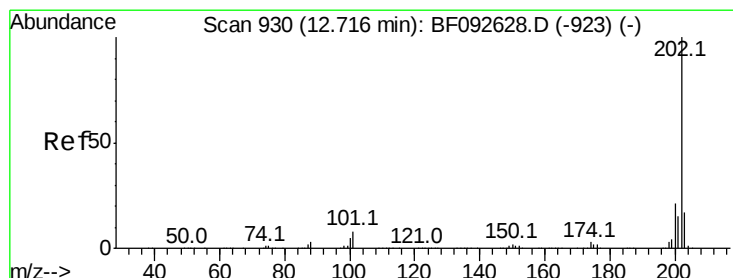
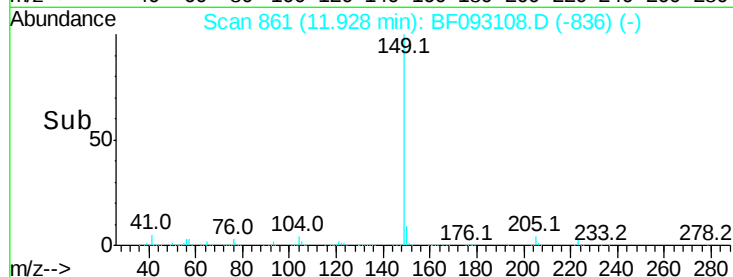
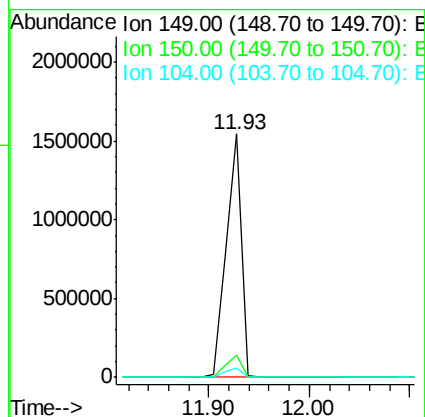
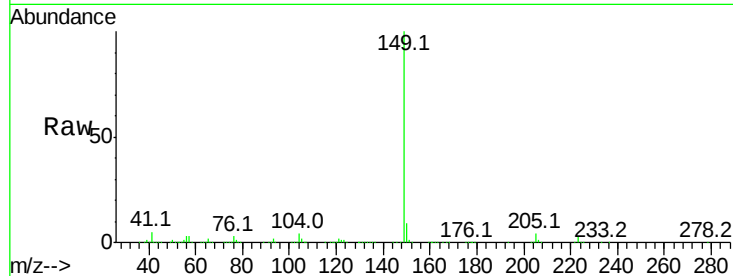
149 100

150 9.2 8.1 12.1

104 3.7 4.6 7.0#

Manual Integrations
APPROVED

mohammad
2/24/2017 2:11:04 PM



#74

Fluoranthene

Concen: 42.46 ng

RT: 12.58 min Scan# 918

Delta R.T. -0.01 min

Lab File: BF093108.D

Acq: 23 Feb 2017 17:01

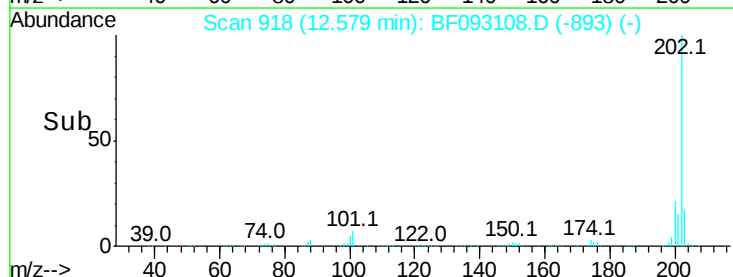
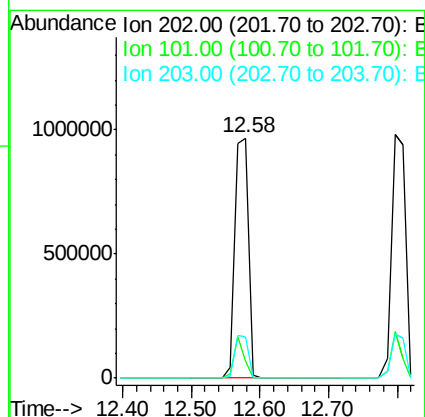
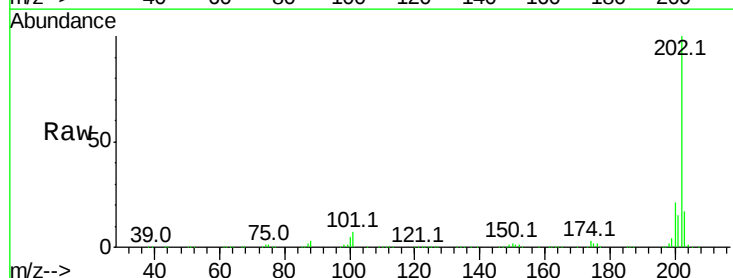
Tgt Ion:202 Resp: 1362218

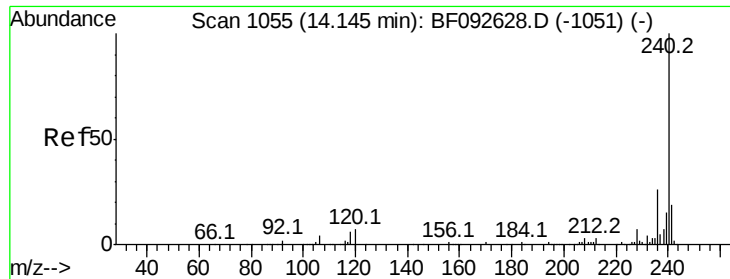
Ion Ratio Lower Upper

202 100

101 7.2 0.0 34.6

203 17.1 0.0 38.7





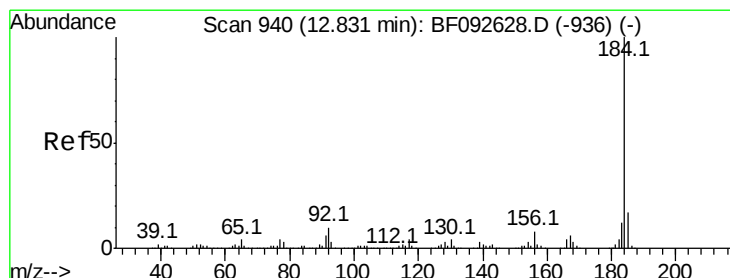
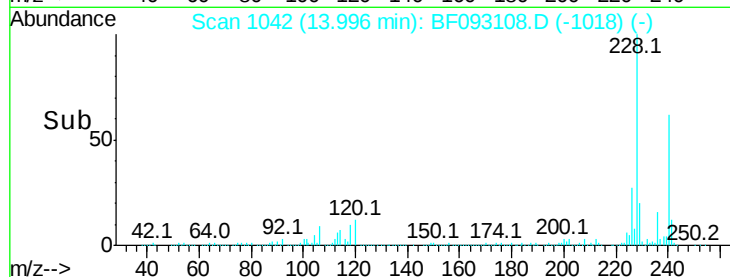
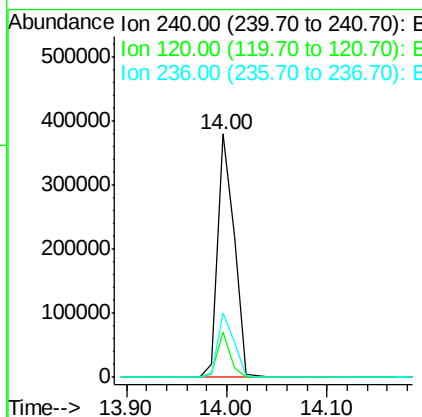
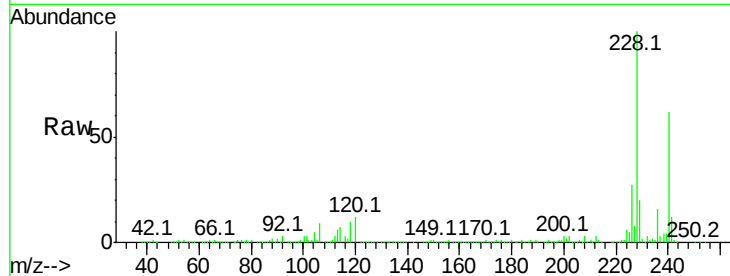
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.00 min Scan# 1042
Delta R.T. -0.02 min
Lab File: BF093108.D
Acq: 23 Feb 2017 17:01

Instrument :
BNA_F
ClientSampleId :
PB97124BS

Tot Ion	Ratio	Lower	Upper
240	100		
120	18.7	12.9	19.3
236	26.3	20.9	31.3

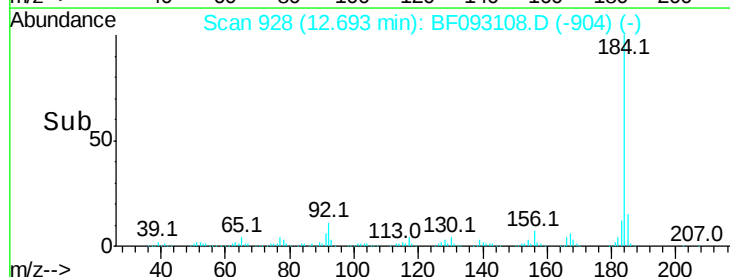
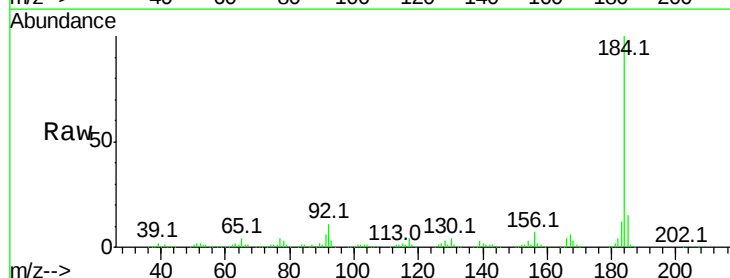
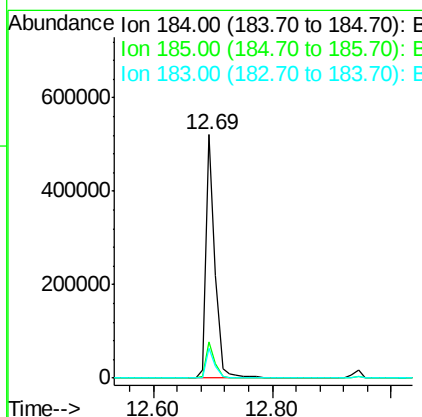
Manual Integrations
APPROVED

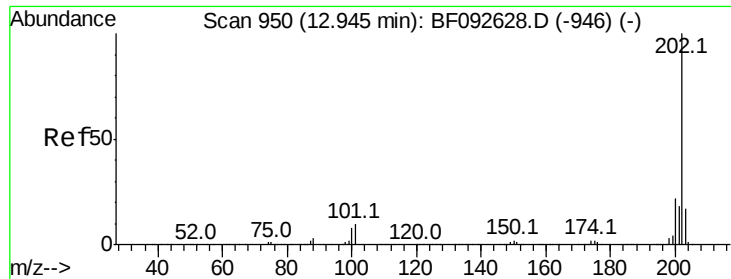
mohammad
2/24/2017 2:11:04 PM



#76
Benzidine
Concen: 30.21 ng
RT: 12.69 min Scan# 928
Delta R.T. -0.02 min
Lab File: BF093108.D
Acq: 23 Feb 2017 17:01

Tgt Ion	Ratio	Lower	Upper
184	100		
185	14.9	13.4	20.0
183	12.2	9.2	13.8





#77

Pvrene

Concen: 42.52 ng

RT: 12.80 min Scan# 937

Delta R.T. -0.02 min

Lab File: BF093108.D

Acq: 23 Feb 2017 17:01

Instrument :

BNA_F

ClientSampleID :

PB97124BS

Tot Ion:202 Resp: 1380643

Ion Ratio Lower Upper

202 100

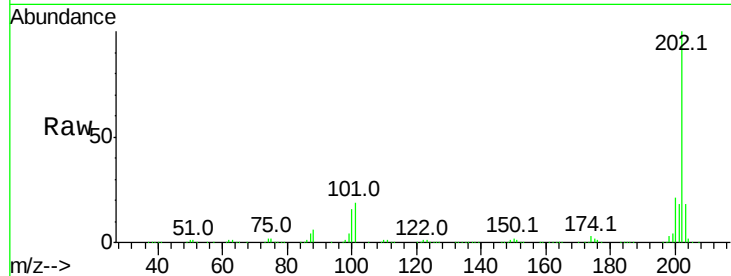
200 21.5 17.7 26.5

203 18.2 14.7 22.1

Manual Integrations
APPROVED

mohammad

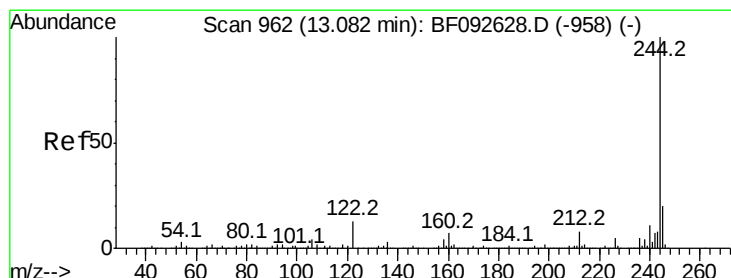
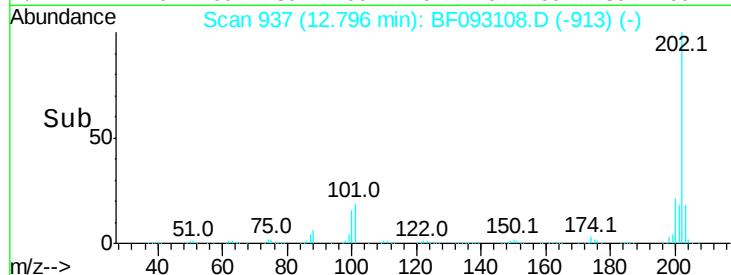
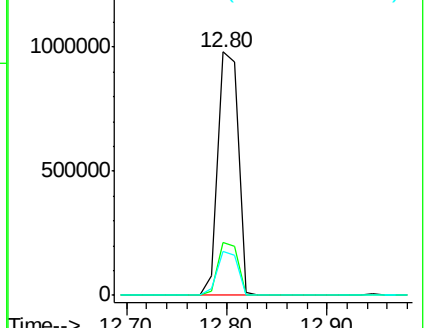
2/24/2017 2:11:04 PM



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: 74.41 ng

RT: 12.94 min Scan# 950

Delta R.T. -0.02 min

Lab File: BF093108.D

Acq: 23 Feb 2017 17:01

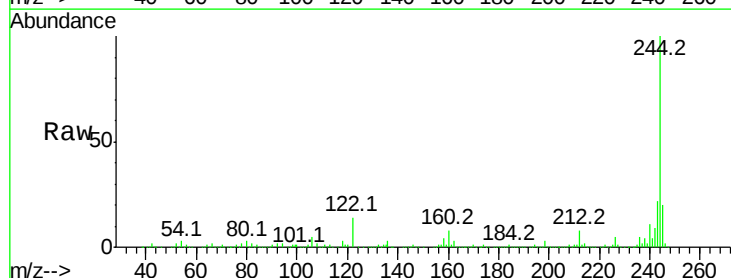
Tgt Ion:244 Resp: 1373839

Ion Ratio Lower Upper

244 100

212 7.6 6.2 9.2

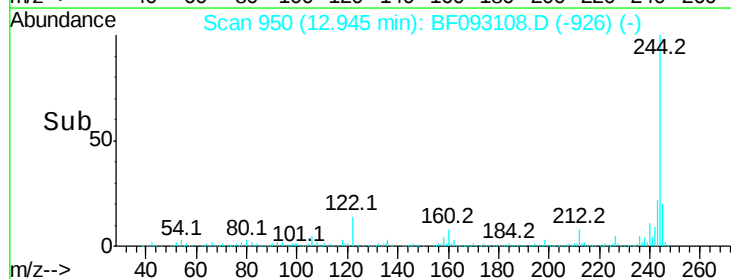
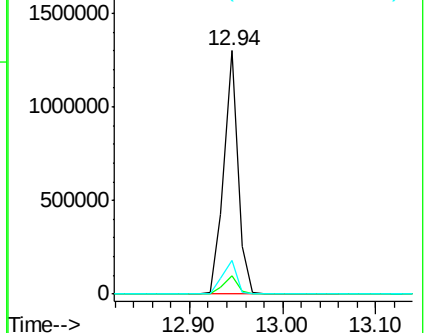
122 13.7 11.4 17.2

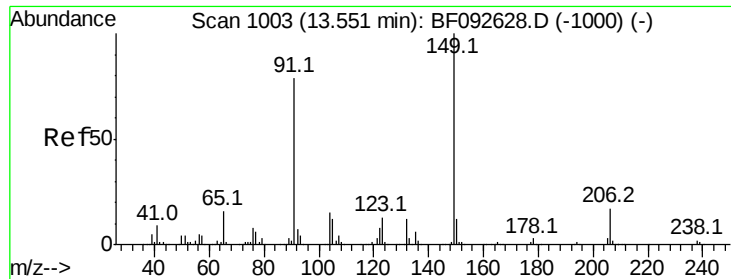


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





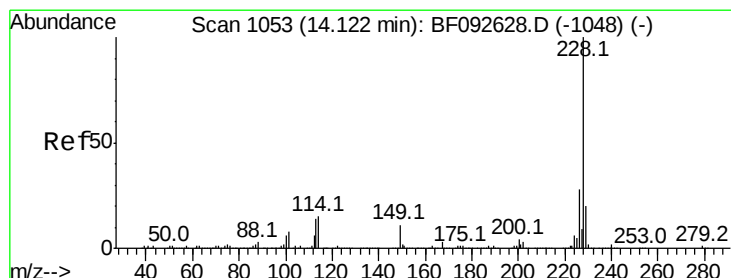
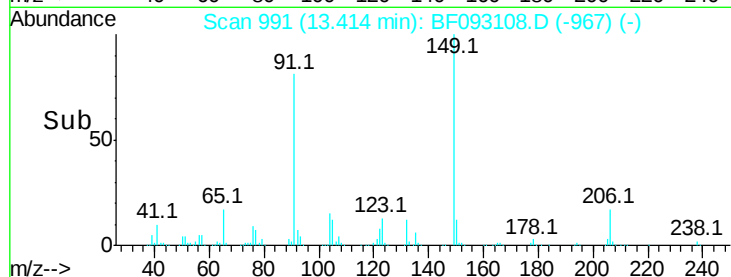
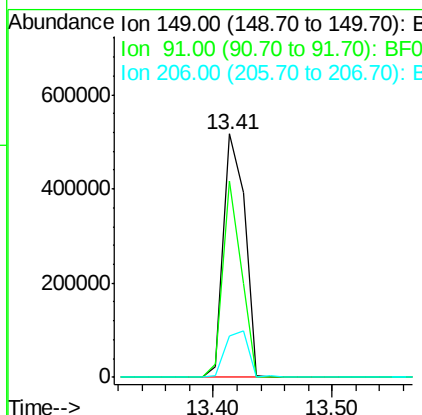
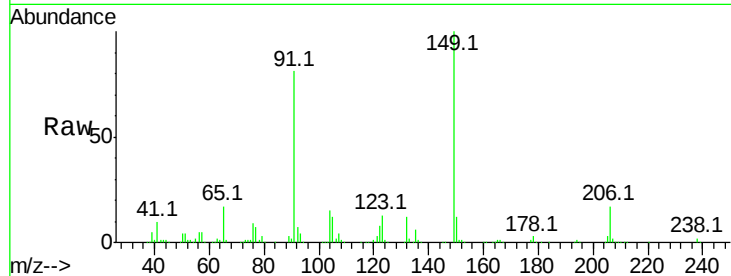
#79
Butylbenzylphthalate
Concen: 48.81 ng
RT: 13.41 min Scan# 991
Delta R.T. -0.02 min
Lab File: BF093108.D
Acq: 23 Feb 2017 17:01

Instrument :
BNA_F
ClientSampleId :
PB97124BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	643544		
91	80.7	63.9	95.9	
206	17.0	14.6	21.8	

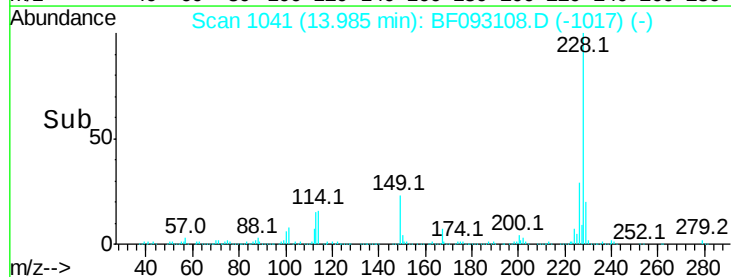
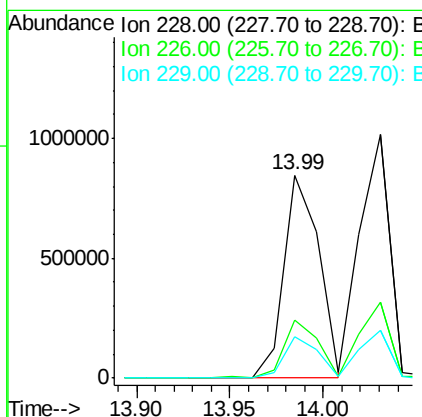
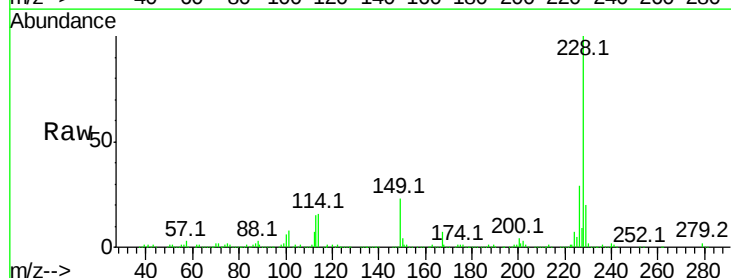
Manual Integrations
APPROVED

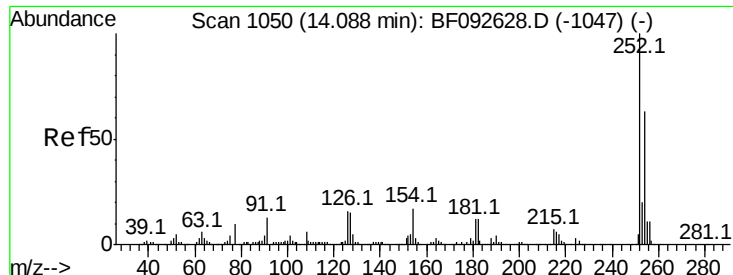
mohammad
2/24/2017 2:11:04 PM



#80
Benzo(a)anthracene
Concen: 41.62 ng
RT: 13.99 min Scan# 1041
Delta R.T. -0.02 min
Lab File: BF093108.D
Acq: 23 Feb 2017 17:01

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	1104489		
226	28.5	22.4	33.6	
229	20.2	16.2	24.4	





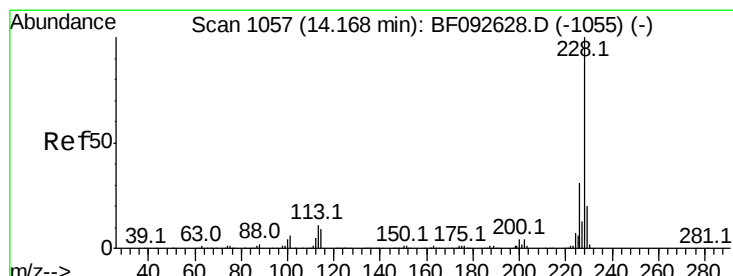
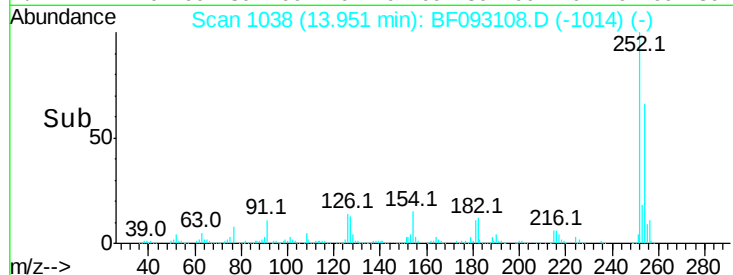
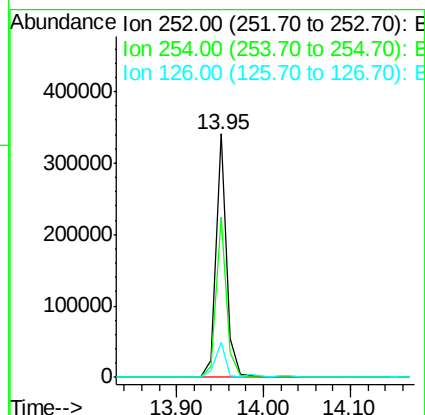
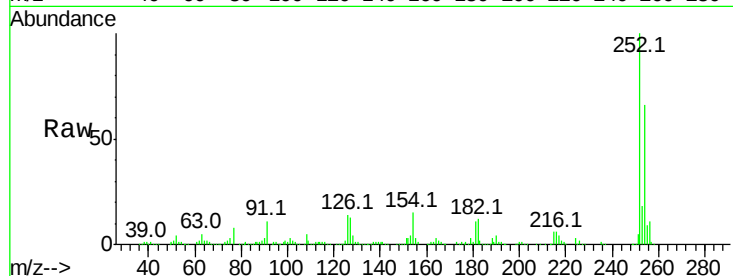
#81
 3,3'-Dichlorobenzidine
 Concen: 30.99 ng
 RT: 13.95 min Scan# 1038
 Delta R.T. -0.02 min
 Lab File: BF093108.D
 Acq: 23 Feb 2017 17:01

Instrument :
 BNA_F
 ClientSampleId :
 PB97124BS

Tot Ion	Ratio	Resp	Lower	Upper
252	100	293155		
254	65.7	52.3	78.5	
126	14.3	13.6	20.4	

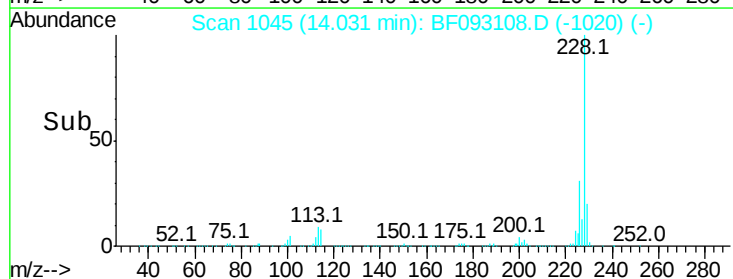
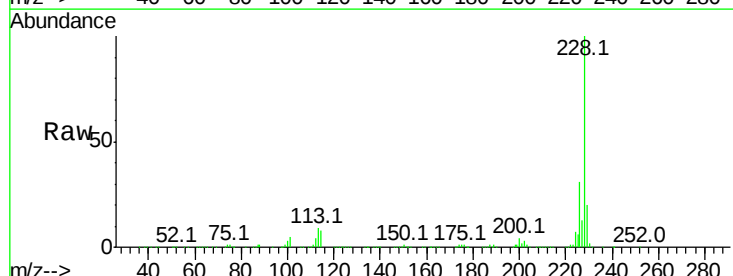
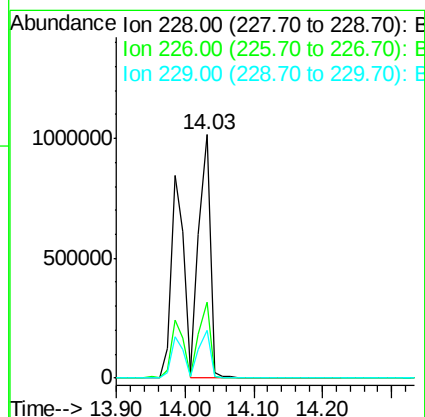
Manual Integrations
 APPROVED

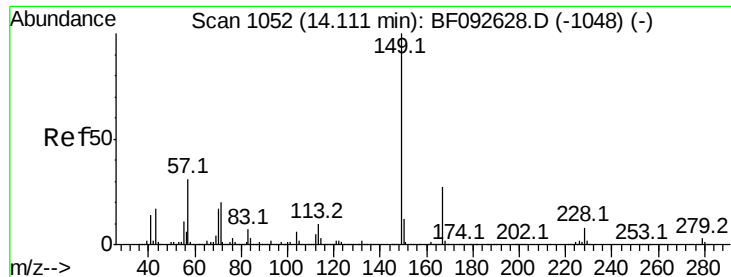
mohammad
 2/24/2017 2:11:04 PM



#82
 Chrysene
 Concen: 46.09 ng
 RT: 14.03 min Scan# 1045
 Delta R.T. -0.01 min
 Lab File: BF093108.D
 Acq: 23 Feb 2017 17:01

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	1145009		
226	31.1	25.4	38.0	
229	19.7	16.2	24.2	





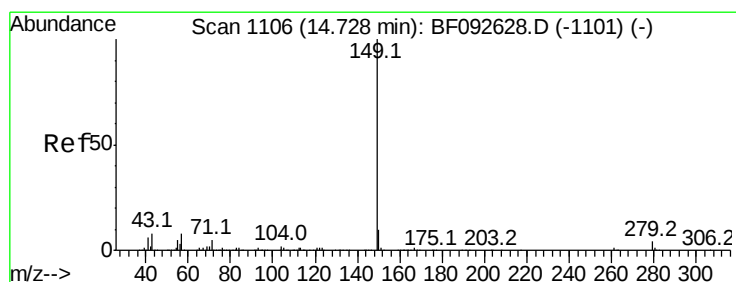
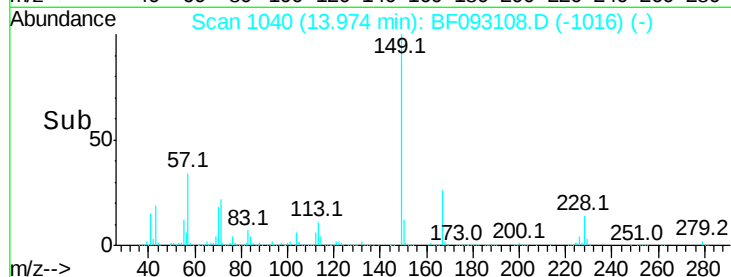
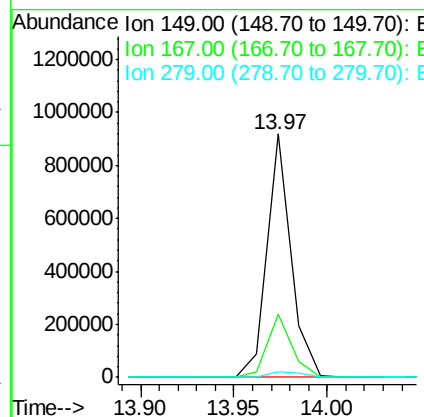
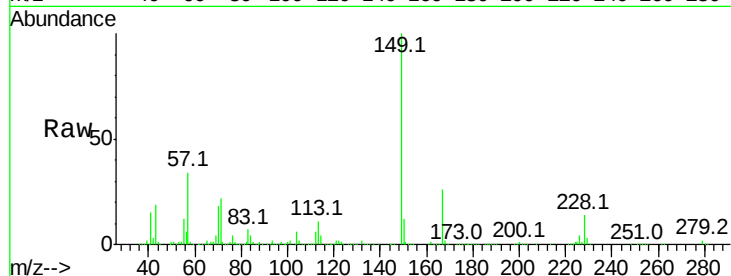
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 45.99 ng
 RT: 13.97 min Scan# 1040
 Delta R.T. -0.02 min
 Lab File: BF093108.D
 Acq: 23 Feb 2017 17:01

Instrument :
 BNA_F
 ClientSampleId :
 PB97124BS

Tot Ion	Ratio	Lower	Upper
149	100		
167	25.9	20.2	30.4
279	2.4	1.8	2.8

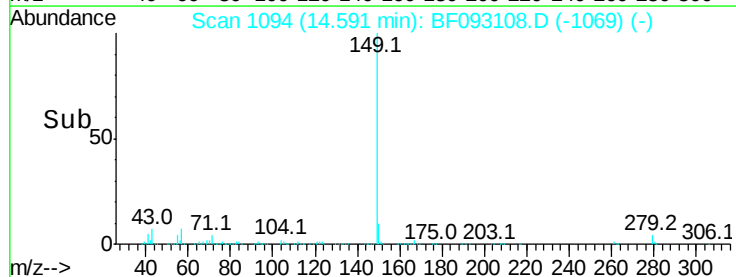
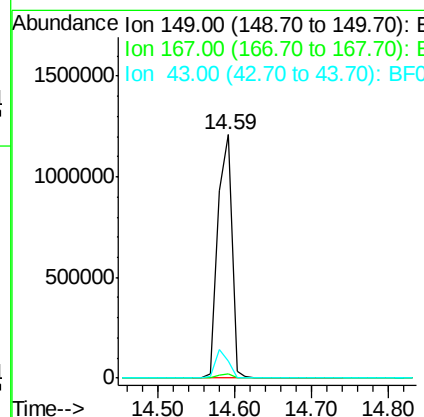
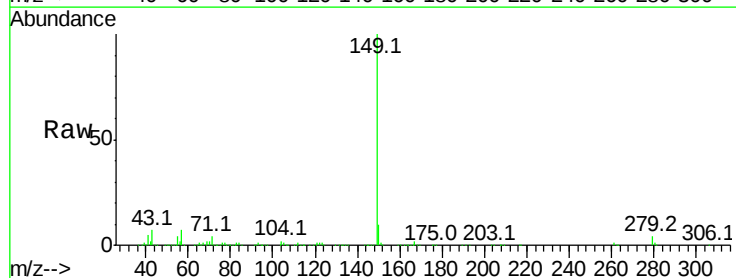
Manual Integrations
 APPROVED

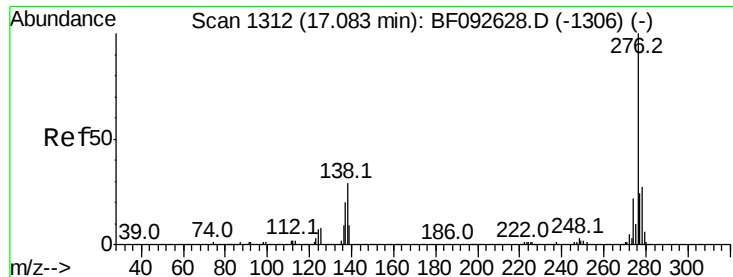
mohammad
 2/24/2017 2:11:04 PM



#84
 Di-n-octyl phthalate
 Concen: 51.53 ng
 RT: 14.59 min Scan# 1094
 Delta R.T. -0.01 min
 Lab File: BF093108.D
 Acq: 23 Feb 2017 17:01

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.3	1.9
43	10.8	8.9	13.3





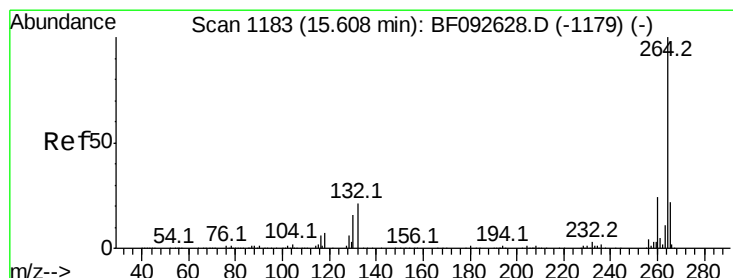
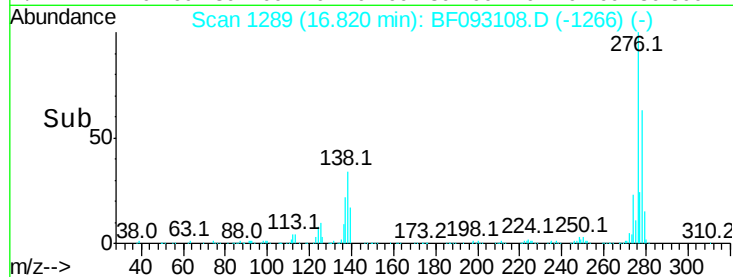
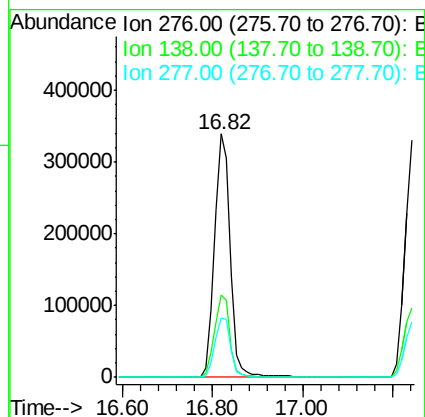
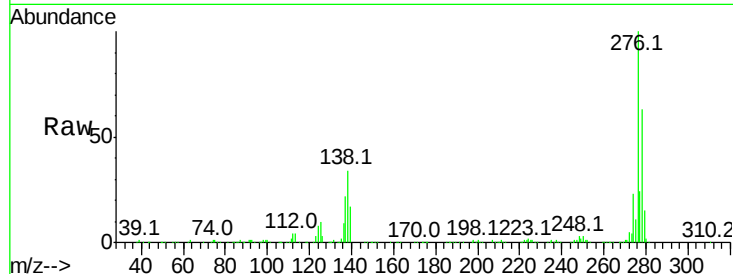
#85
Indeno(1,2,3-cd)pyrene
Concen: 42.89 ng
RT: 16.82 min Scan# 1289
Delta R.T. -0.03 min
Lab File: BF093108.D
Acq: 23 Feb 2017 17:01

Instrument :
BNA_F
ClientSampleId :
PB97124BS

Tot Ion	Ratio	Lower	Upper
276	100		
138	33.1	21.8	32.6
277	24.7	20.2	30.4

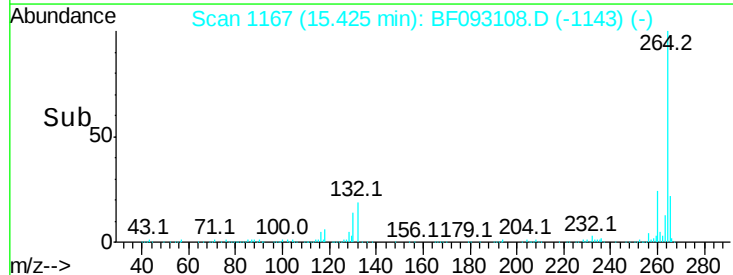
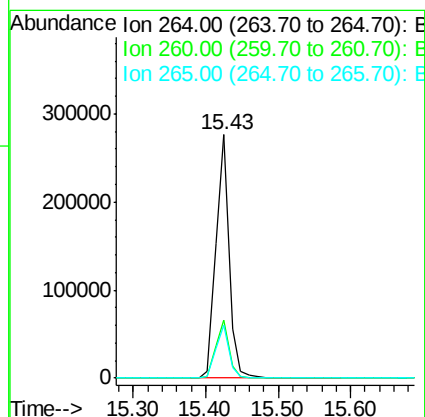
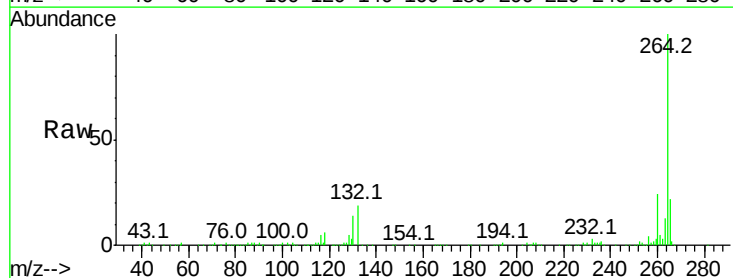
Manual Integrations
APPROVED

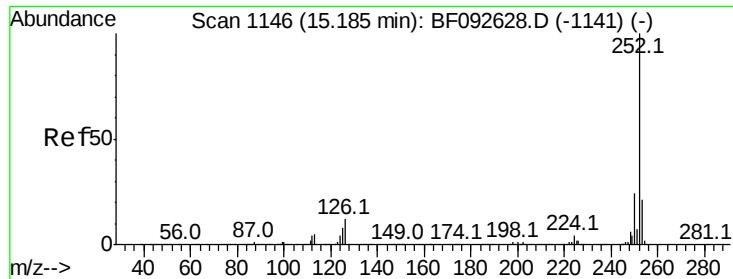
mohammad
2/24/2017 2:11:04 PM



#86
Perylene-d12
Concen: 20.00 ng
RT: 15.43 min Scan# 1167
Delta R.T. -0.02 min
Lab File: BF093108.D
Acq: 23 Feb 2017 17:01

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.2	28.8
265	21.7	17.4	26.0





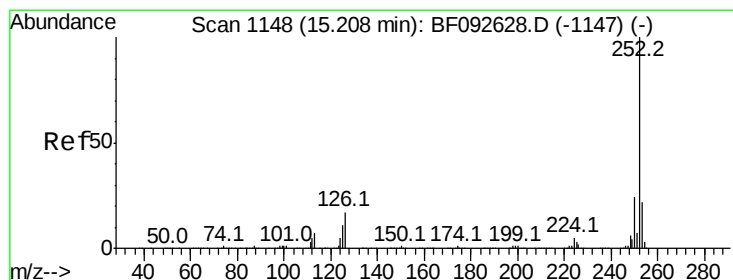
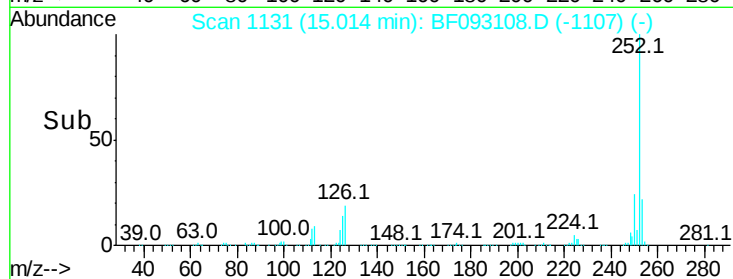
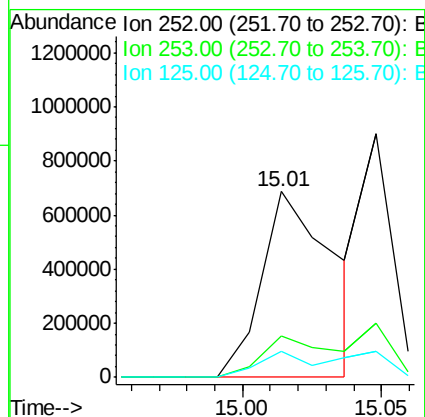
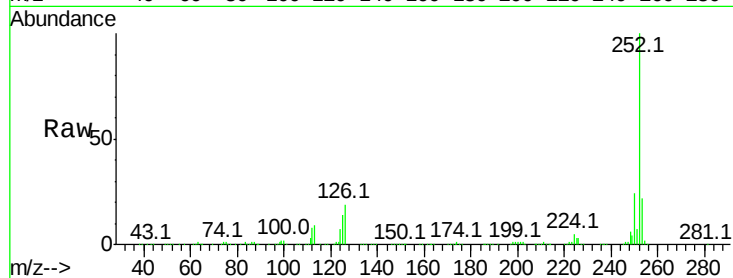
#87
Benzo(b)fluoranthene
Concen: 53.76 ng m
RT: 15.01 min Scan# 1131
Delta R.T. -0.02 min
Lab File: BF093108.D
Acq: 23 Feb 2017 17:01

Instrument :
BNA_F
ClientSampleId :
PB97124BS

Tot Ion:252 Resp: 1239570
Ion Ratio Lower Upper
252 100
253 22.2 18.2 27.4
125 14.1 9.8 14.6

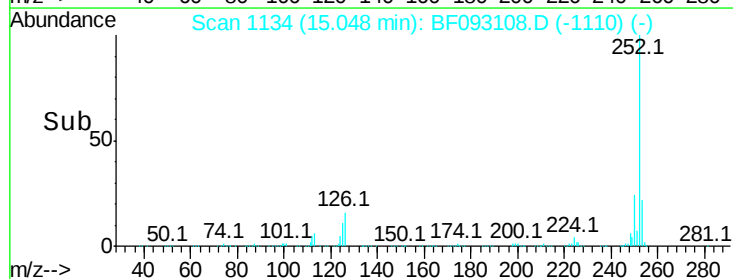
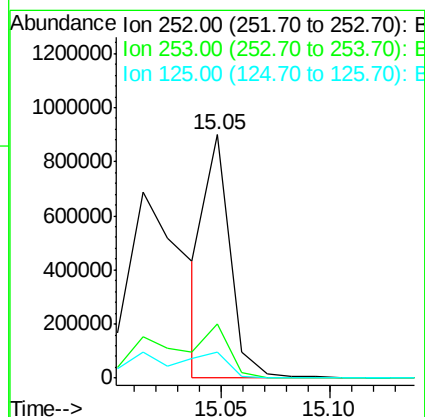
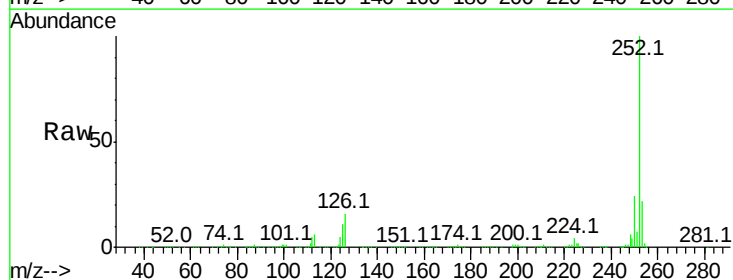
Manual Integrations
APPROVED

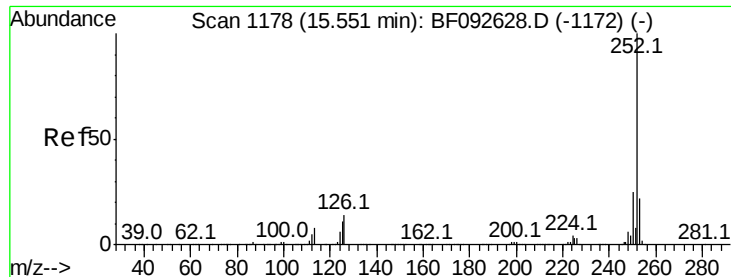
mohammad
2/24/2017 2:11:04 PM



#88
Benzo(k)fluoranthene
Concen: 35.43 ng m
RT: 15.05 min Scan# 1134
Delta R.T. -0.02 min
Lab File: BF093108.D
Acq: 23 Feb 2017 17:01

Tgt Ion:252 Resp: 705397
Ion Ratio Lower Upper
252 100
253 22.1 18.5 27.7
125 10.6 8.9 13.3





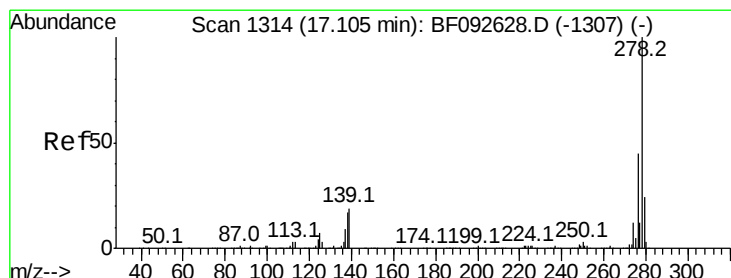
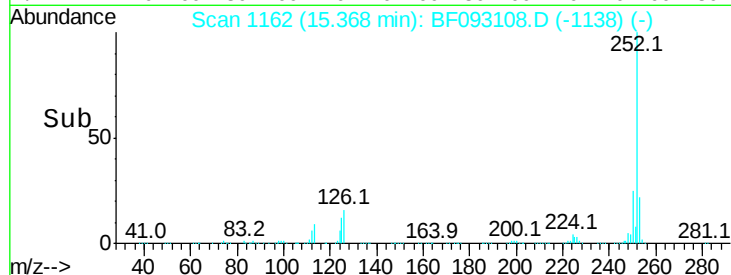
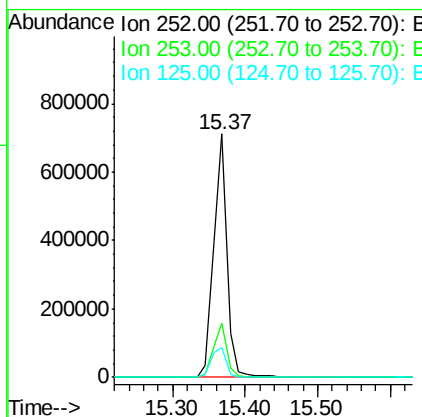
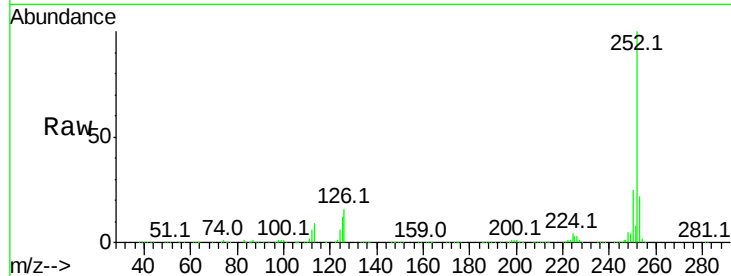
#89
Benzo(a)pyrene
Concen: 45.38 ng
RT: 15.37 min Scan# 1162
Delta R.T. -0.02 min
Lab File: BF093108.D
Acq: 23 Feb 2017 17:01

Instrument :
BNA_F
ClientSampleId :
PB97124BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.0	18.2	27.2
125	12.2	10.0	15.0

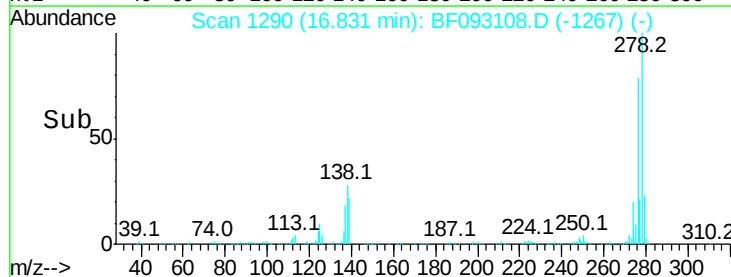
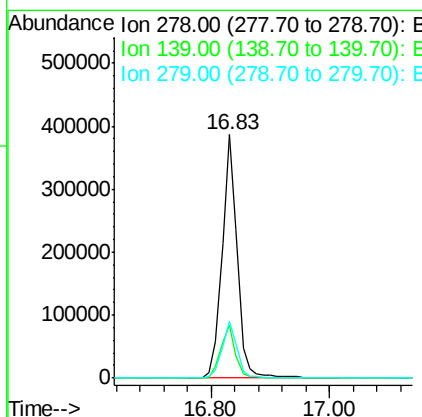
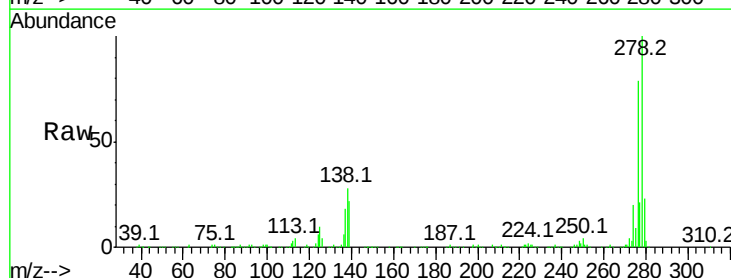
Manual Integrations
APPROVED

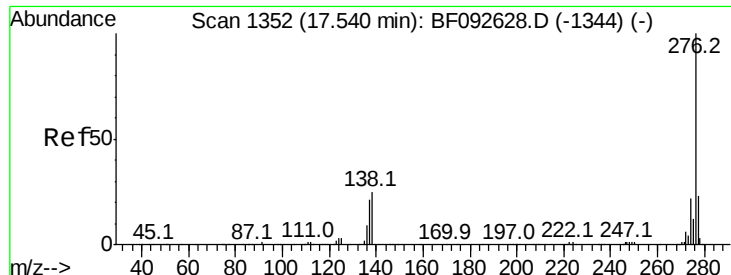
mohammad
2/24/2017 2:11:04 PM



#90
Dibenzo(a,h)anthracene
Concen: 42.45 ng
RT: 16.83 min Scan# 1290
Delta R.T. -0.03 min
Lab File: BF093108.D
Acq: 23 Feb 2017 17:01

Tgt Ion	Ratio	Lower	Upper
278	100		
139	21.5	14.8	22.2
279	23.5	19.8	29.6





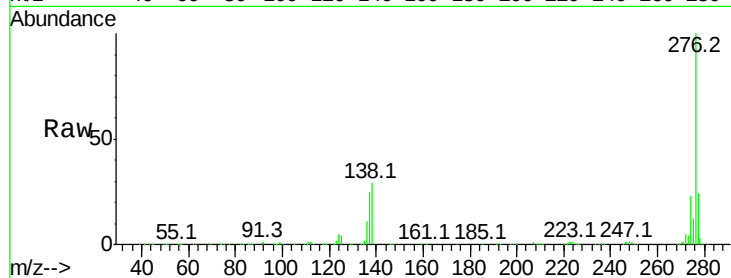
#91
 Benzo(a,h,i)perylene
 Concen: 43.12 ng
 RT: 17.24 min Scan# 1326
 Delta R.T. -0.05 min
 Lab File: BF093108.D
 Acq: 23 Feb 2017 17:01

Instrument :
 BNA_F
 ClientSampleId :
 PB97124BS

Tot Ion	Ratio	Resp Lower	Upper
276	100		
277	23.6	19.2	28.8
138	29.4	16.0	24.0

Manual Integrations
 APPROVED

mohammad
 2/24/2017 2:11:04 PM



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

