

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF031817\
 Data File : BF093729.D
 Acq On : 18 Mar 2017 2:53
 Operator : SJ/MA
 Sample : SSTDICC060
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC060

Manual Integrations
 APPROVED

mohammad
 3/20/2017 12:58:04 PM

Quant Time: Mar 18 04:40:31 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031817.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Mar 18 04:23:44 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	207619	20.00	ng	0.00
21) Naphthalene-d8	8.14	136	877164	20.00	ng	0.00
38) Acenaphthene-d10	9.89	164	434137	20.00	ng	0.00
63) Phenanthrene-d10	11.36	188	672203	20.00	ng	0.00
75) Chrysene-d12	14.00	240	379532	20.00	ng	0.00
86) Perylene-d12	15.41	264	384178	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.44	112	1360944	109.63	ng	0.00
7) Phenol-d6	6.48	99	1741508	113.33	ng	0.00
23) Nitrobenzene-d5	7.42	82	1620013	121.91	ng	0.01
41) 2,4,6-Tribromophenol	10.68	330	327662	116.59	ng	0.00
44) 2-Fluorobiphenyl	9.21	172	2348944	105.29	ng	0.00
78) Terphenyl-d14	12.95	244	2006805	112.92	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.45	88	380620	59.38	ng	99
3) Pyridine	3.16	79	1069052	62.52	ng	98
4) n-Nitrosodimethylamine	3.11	42	472147	60.74	ng	99
6) Aniline	6.52	93	1253912	56.24	ng	98
8) 2-Chlorophenol	6.64	128	787451	56.76	ng	86
9) Benzaldehyde	6.39	77	412797	46.42	ng	99
10) Phenol	6.49	94	953847	53.95	ng	82
11) bis(2-Chloroethyl)ether	6.58	93	779443	54.05	ng	96
12) 1,3-Dichlorobenzene	6.79	146	821189	53.08	ng	98
13) 1,4-Dichlorobenzene	6.87	146	912992	57.88	ng	98
14) 1,2-Dichlorobenzene	7.03	146	805688m	54.58	ng	
15) Benzyl Alcohol	7.00	79	661682	57.11	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.13	45	1290404	57.43	ng	100
17) 2-Methylphenol	7.11	107	701241	57.93	ng	98
18) Hexachloroethane	7.37	117	332690	60.07	ng	93
19) n-Nitroso-di-n-propylamine	7.28	70	599466	58.20	ng	98
20) 3+4-Methylphenols	7.27	107	810121	56.46	ng	97
22) Acetophenone	7.27	105	1055318	56.83	ng	# 94
24) Nitrobenzene	7.44	77	941808	64.45	ng	# 85
25) Isophorone	7.68	82	1594114	56.19	ng	97
26) 2-Nitrophenol	7.75	139	380427	71.97	ng	# 90
27) 2,4-Dimethylphenol	7.80	122	774432	57.43	ng	99
28) bis(2-Chloroethoxy)methane	7.89	93	941781	52.45	ng	100
29) 2,4-Dichlorophenol	7.99	162	635056	54.19	ng	96
30) 1,2,4-Trichlorobenzene	8.08	180	678516	55.73	ng	99
31) Naphthalene	8.16	128	2298615	54.31	ng	99
32) Benzoic acid	7.93	122	523445	86.85	ng	99
33) 4-Chloroaniline	8.21	127	1012398	56.60	ng	# 94
34) Hexachlorobutadiene	8.29	225	352557	54.97	ng	98
35) Caprolactam	8.60	113	247412	61.60	ng	# 75
36) 4-Chloro-3-methylphenol	8.69	107	656811	53.31	ng	85
37) 2-Methylnaphthalene	8.85	142	1377351	48.75	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.02	216	562180	52.68	ng	98
40) Hexachlorocyclopentadiene	9.01	237	279407	54.84	ng	98

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF031817\
 Data File : BF093729.D
 Acq On : 18 Mar 2017 2:53
 Operator : SJ/MA
 Sample : SSTDICC060
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC060

Manual Integrations
 APPROVED

mohammad
 3/20/2017 12:58:04 PM

Quant Time: Mar 18 04:40:31 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031817.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Mar 18 04:23:44 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.12	196	438015	59.04	ng	99
43) 2,4,5-Trichlorophenol	9.17	196	467445	60.73	ng #	87
45) 1,1'-Biphenyl	9.32	154	1592718	50.46	ng	97
46) 2-Chloronaphthalene	9.34	162	1361922	55.71	ng	95
47) 2-Nitroaniline	9.43	65	485513	71.75	ng #	79
48) Acenaphthylene	9.75	152	2037782	50.26	ng	100
49) Dimethylphthalate	9.62	163	1679763	58.54	ng	99
50) 2,6-Dinitrotoluene	9.67	165	346018	55.78	ng #	71
51) Acenaphthene	9.92	154	1225171	51.34	ng	99
52) 3-Nitroaniline	9.84	138	477333	66.74	ng	90
53) 2,4-Dinitrophenol	9.94	184	148386	94.65	ng #	50
54) Dibenzofuran	10.09	168	1630253	50.14	ng	97
55) 4-Nitrophenol	9.99	139	306508	61.44	ng #	57
56) 2,4-Dinitrotoluene	10.07	165	450963	64.17	ng #	73
57) Fluorene	10.44	166	1185994	47.79	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.21	232	299595	57.14	ng	99
59) Diethylphthalate	10.32	149	1570163	57.54	ng	97
60) 4-Chlorophenyl-phenylether	10.44	204	559623	54.11	ng #	77
61) 4-Nitroaniline	10.46	138	436798	68.36	ng	98
62) Azobenzene	10.58	77	1549328	56.03	ng	97
64) 4,6-Dinitro-2-methylphenol	10.48	198	221082	76.34	ng	80
65) n-Nitrosodiphenylamine	10.55	169	1261375	57.45	ng	99
66) 4-Bromophenyl-phenylether	10.92	248	339385	51.95	ng	91
67) Hexachlorobenzene	10.98	284	357020	53.27	ng #	84
68) Atrazine	11.08	200	345493	50.65	ng	94
69) Pentachlorophenol	11.17	266	233510	64.34	ng	98
70) Phenanthrene	11.40	178	2077348	54.50	ng	100
71) Anthracene	11.44	178	1851538	50.90	ng	99
72) Carbazole	11.59	167	2121340	53.78	ng	100
73) Di-n-butylphthalate	11.93	149	2105349	53.01	ng	99
74) Fluoranthene	12.57	202	1850381	47.14	ng	98
76) Benzidine	12.69	184	781755	49.41	ng	97
77) Pyrene	12.80	202	1947976	61.23	ng	99
79) Butylbenzylphthalate	13.43	149	992882	74.33	ng	94
80) Benzo(a)anthracene	13.99	228	1482848	61.22	ng	99
81) 3,3'-Dichlorobenzidine	13.96	252	540883	62.27	ng #	92
82) Chrysene	14.03	228	1409230	59.40	ng	98
83) Bis(2-ethylhexyl)phthalate	13.99	149	951790	61.24	ng	99
84) Di-n-octyl phthalate	14.60	149	1841441	63.22	ng	100
85) Indeno(1,2,3-cd)pyrene	16.79	276	1302505	61.96	ng	99
87) Benzo(b)fluoranthene	15.01	252	1312455	50.35	ng	98
88) Benzo(k)fluoranthene	15.04	252	1315597m	67.62	ng	
89) Benzo(a)pyrene	15.35	252	1226048	56.00	ng	98
90) Dibenzo(a,h)anthracene	16.80	278	1104811	58.82	ng #	96
91) Benzo(g,h,i)perylene	17.20	276	1143601	59.73	ng	99

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

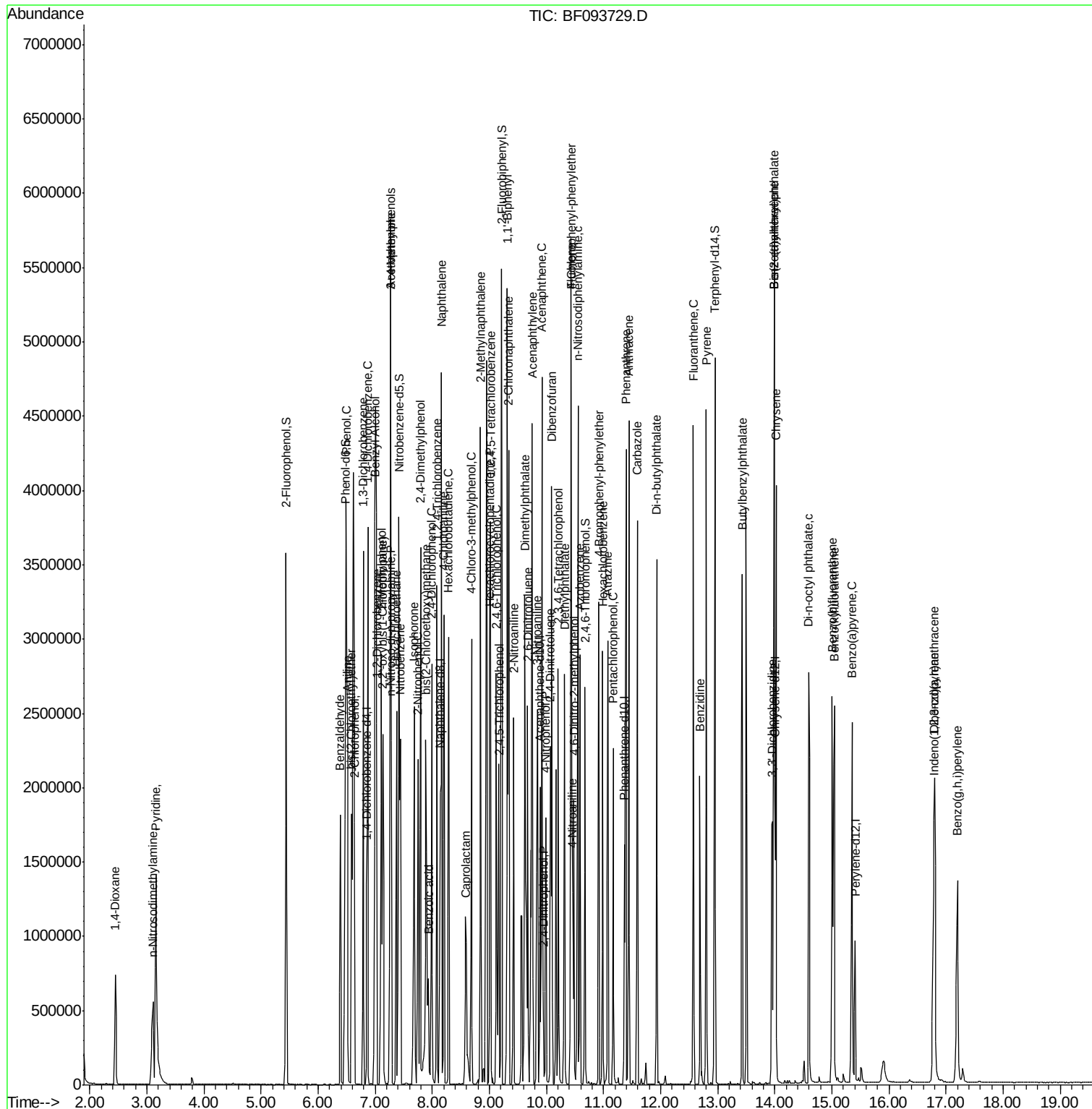
```
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF031817\  
Data File : BF093729.D  
Acq On    : 18 Mar 2017    2:53  
Operator  : SJ/MA  
Sample    : SSTDICC060  
Misc      :  
ALS Vial  : 7    Sample Multiplier: 1
```

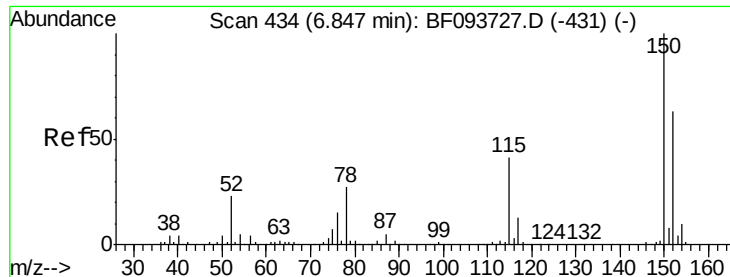
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Manual Integrations APPROVED

mohammad
3/20/2017 12:58:04 PM

Quant Time: Mar 18 04:40:31 2017
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031817.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Mar 18 04:23:44 2017
Response via : Initial Calibration





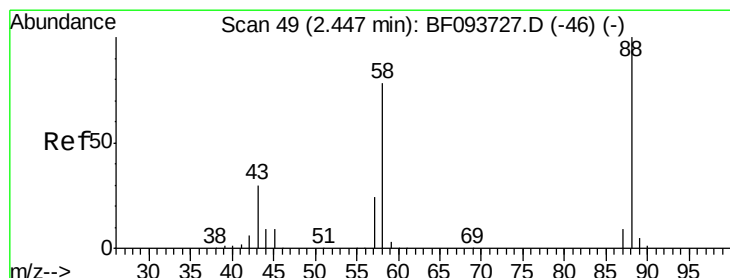
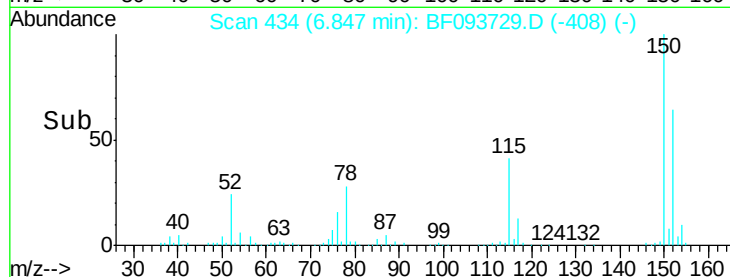
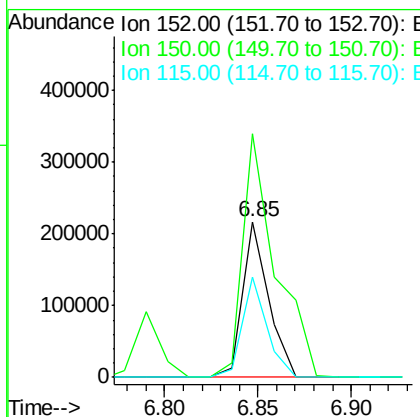
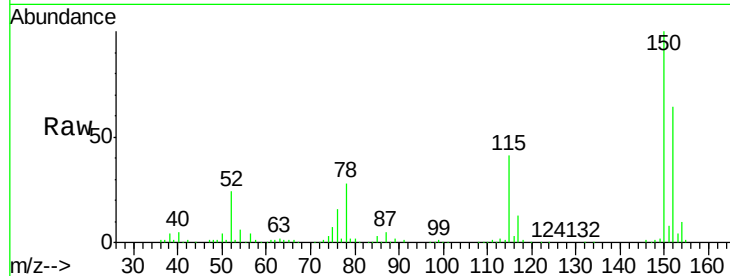
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.85 min Scan# 434
 Delta R.T. -0.00 min
 Lab File: BF093729.D
 Acq: 18 Mar 2017 2:53

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC060

Tgt Ion	Ratio	Lower	Upper
152	100		
150	156.6	126.2	189.2
115	64.8	52.2	78.2

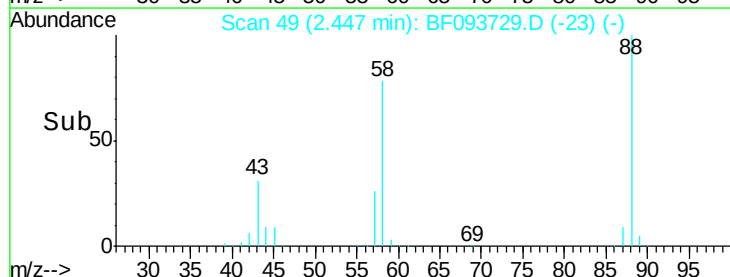
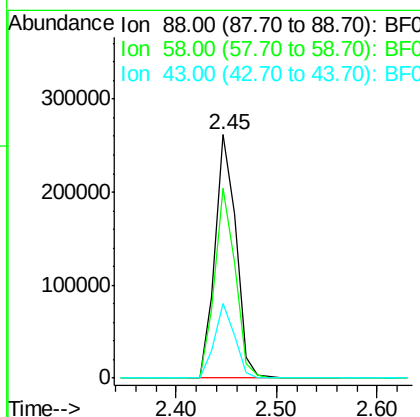
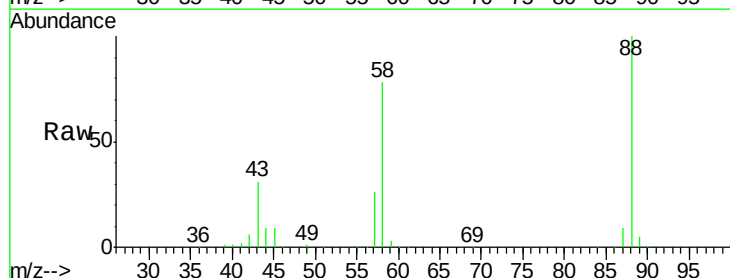
Manual Integrations
 APPROVED

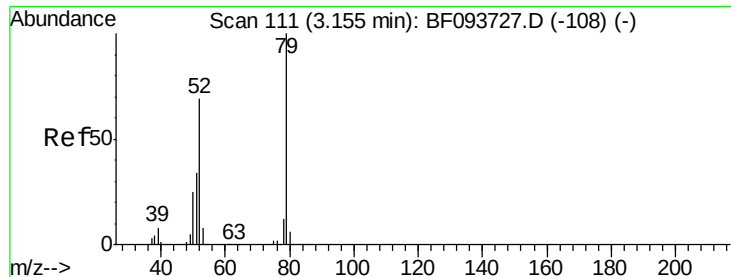
mohammad
 3/20/2017 12:58:04 PM



#2
 1,4-Dioxane
 Concen: 59.38 ng
 RT: 2.45 min Scan# 49
 Delta R.T. -0.00 min
 Lab File: BF093729.D
 Acq: 18 Mar 2017 2:53

Tgt Ion	Ratio	Lower	Upper
88	100		
58	75.8	61.4	92.0
43	29.4	23.4	35.0





#3

Pyridine

Concen: 62.52 ng

RT: 3.16 min Scan# 111

Delta R.T. 0.00 min

Lab File: BF093729.D

Acq: 18 Mar 2017 2:53

Instrument :

BNA_F

ClientSampleId :

SSTDIC060

Tgt Ion: 79 Resp: 1069052

Ion Ratio Lower Upper

79 100

52 70.5 54.8 82.2

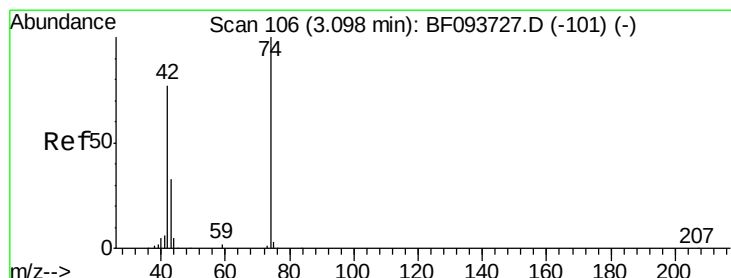
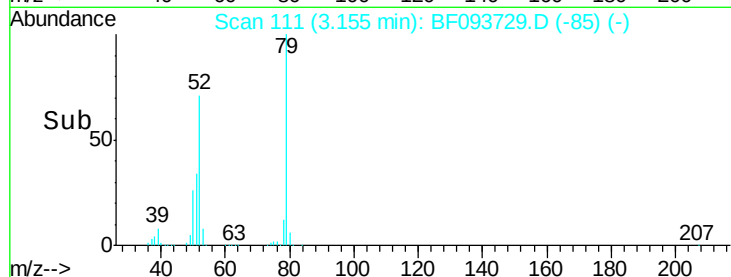
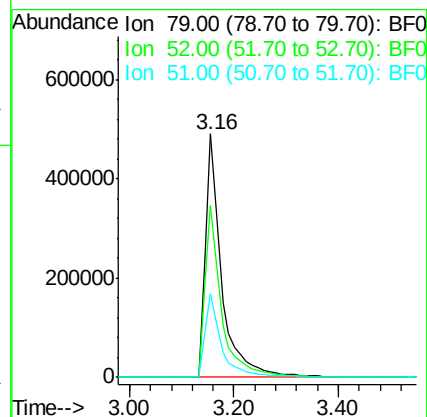
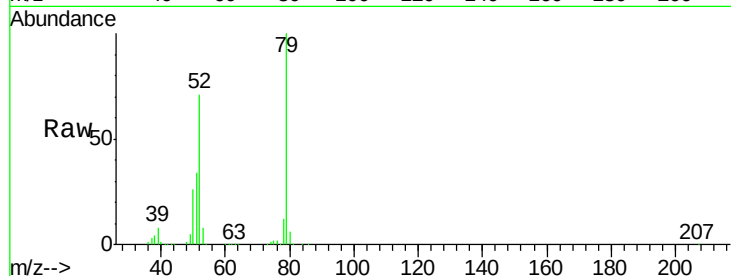
51 34.2 27.0 40.4

Manual Integrations

APPROVED

mohammad

3/20/2017 12:58:04 PM



#4

n-Nitrosodimethylamine

Concen: 60.74 ng

RT: 3.11 min Scan# 107

Delta R.T. 0.01 min

Lab File: BF093729.D

Acq: 18 Mar 2017 2:53

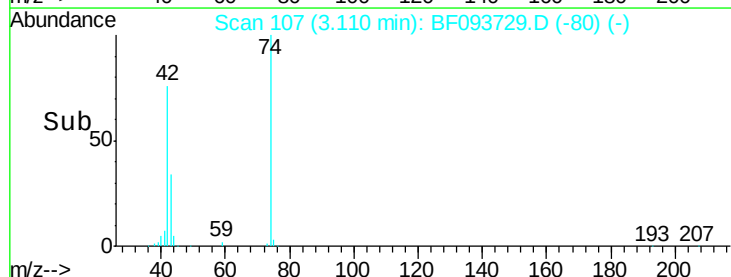
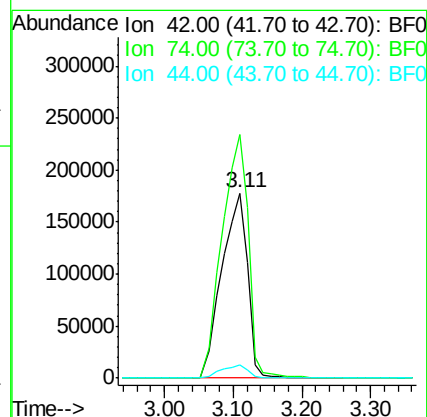
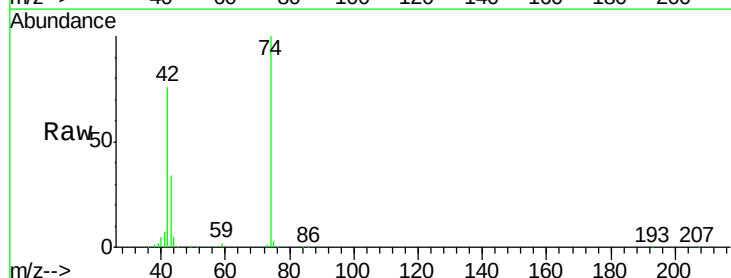
Tgt Ion: 42 Resp: 472147

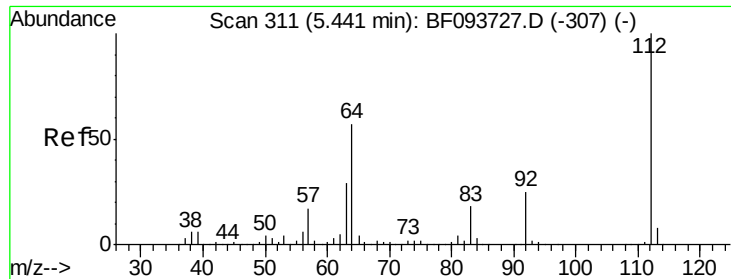
Ion Ratio Lower Upper

42 100

74 131.6 103.9 155.9

44 7.1 5.7 8.5





#5

2-Fluorophenol

Concen: 109.63 ng

RT: 5.44 min Scan# 311

Delta R.T. -0.00 min

Lab File: BF093729.D

Acq: 18 Mar 2017 2:53

Instrument :

BNA_F

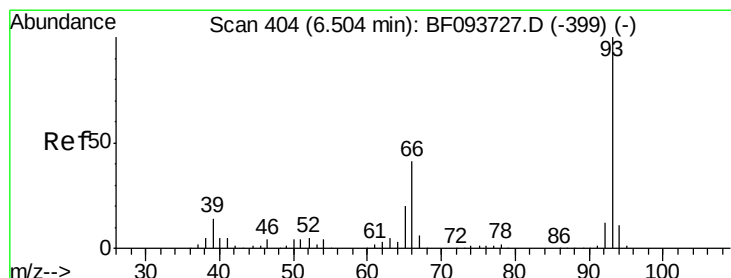
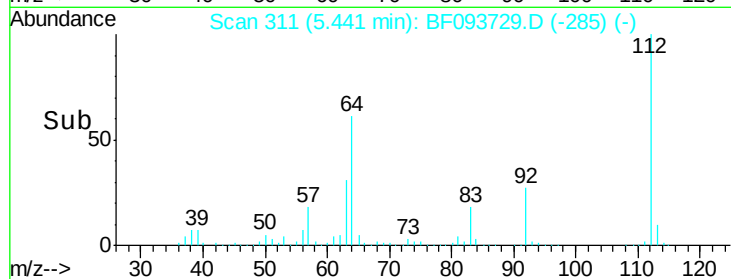
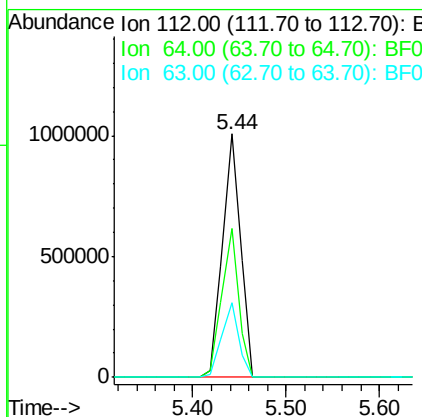
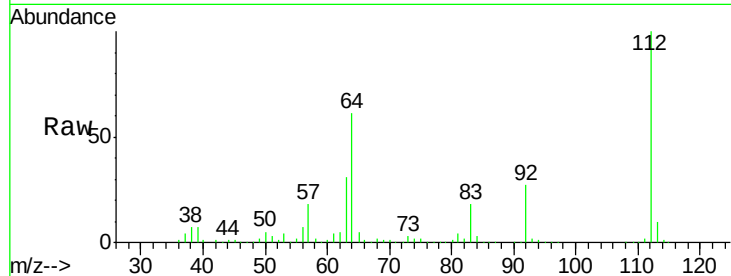
ClientSampleId :

SSTDICC060

Tgt Ion:	112	Resp:	1360944
Ion	Ratio	Lower	Upper
112	100		
64	61.0	46.0	69.0
63	30.7	23.4	35.0

Manual Integrations
APPROVED

mohammad
3/20/2017 12:58:04 PM



#6

Aniline

Concen: 56.24 ng

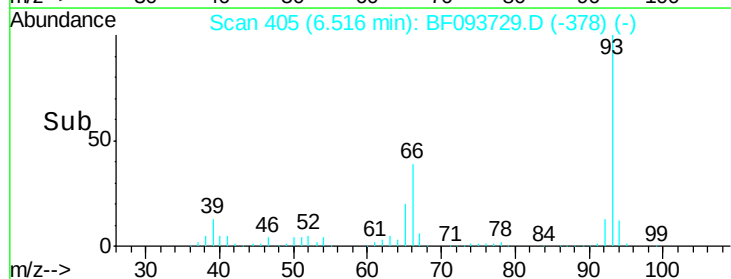
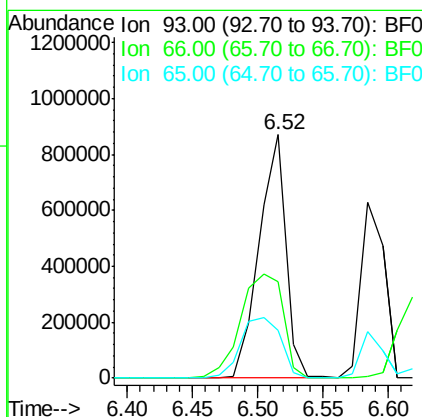
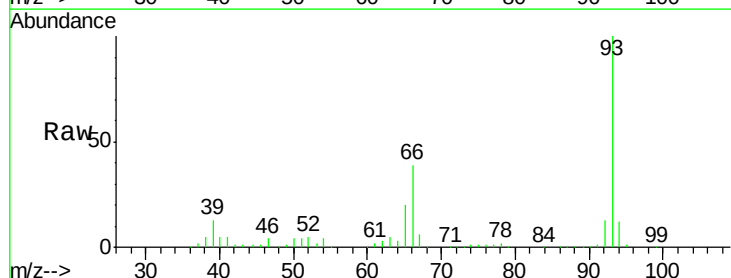
RT: 6.52 min Scan# 405

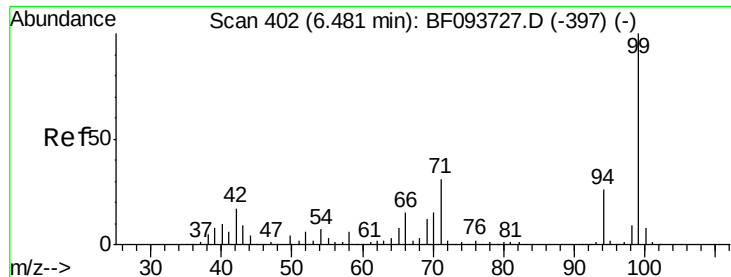
Delta R.T. 0.01 min

Lab File: BF093729.D

Acq: 18 Mar 2017 2:53

Tgt Ion:	93	Resp:	1253912
Ion	Ratio	Lower	Upper
93	100		
66	39.4	32.9	49.3
65	19.6	16.0	24.0





#7

Phenol-d6

Concen: 113.33 ng

RT: 6.48 min Scan# 402

Delta R.T. -0.00 min

Lab File: BF093729.D

Acq: 18 Mar 2017 2:53

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

Tgt Ion: 99 Resp: 1741508

Ion Ratio Lower Upper

99 100

42 19.7 13.5 20.3

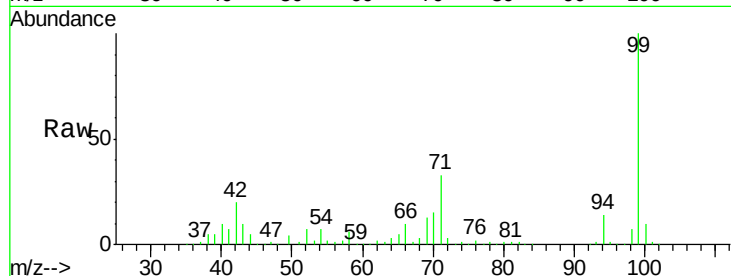
71 33.1 24.5 36.7

Manual Integrations

APPROVED

mohammad

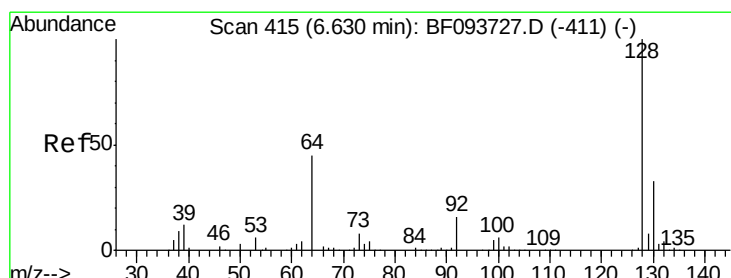
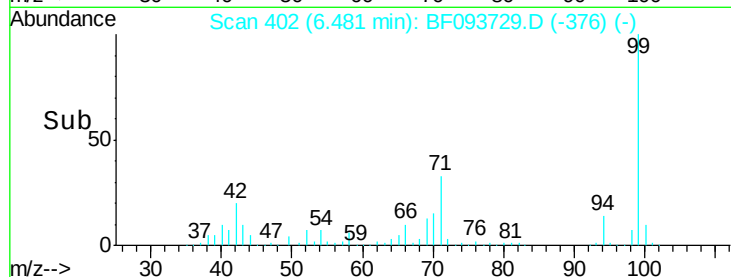
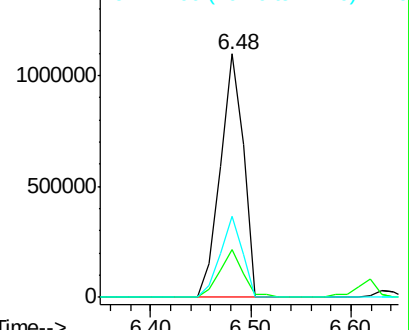
3/20/2017 12:58:04 PM



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 56.76 ng

RT: 6.64 min Scan# 416

Delta R.T. 0.01 min

Lab File: BF093729.D

Acq: 18 Mar 2017 2:53

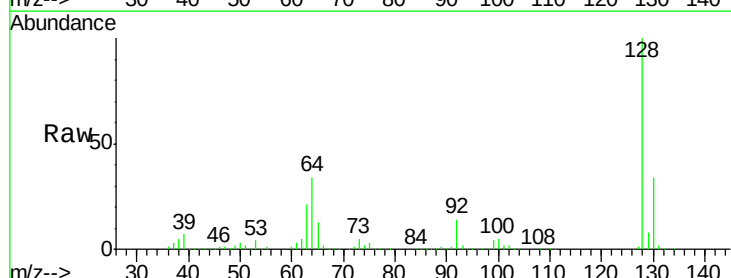
Tgt Ion: 128 Resp: 787451

Ion Ratio Lower Upper

128 100

130 33.9 12.9 52.9

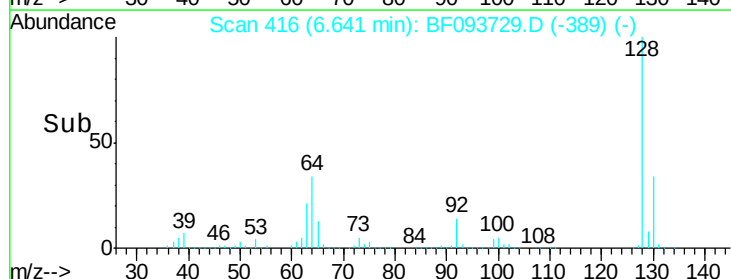
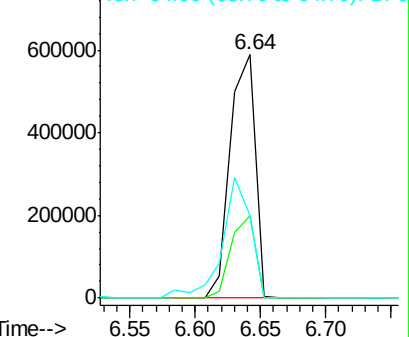
64 33.8 28.4 68.4

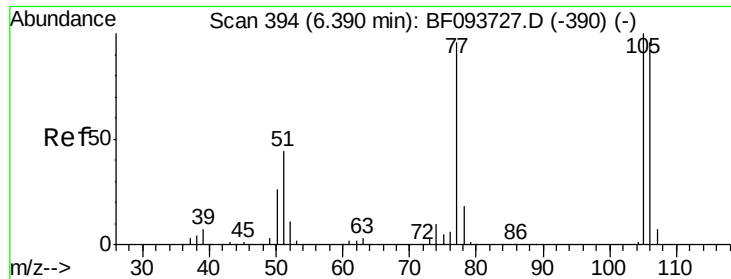


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 46.42 ng

RT: 6.39 min Scan# 394

Delta R.T. -0.00 min

Lab File: BF093729.D

Acq: 18 Mar 2017 2:53

Instrument :

BNA_F

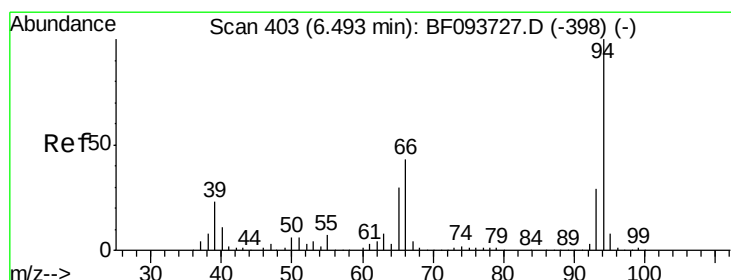
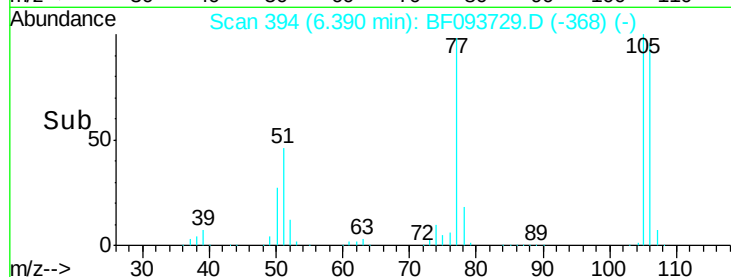
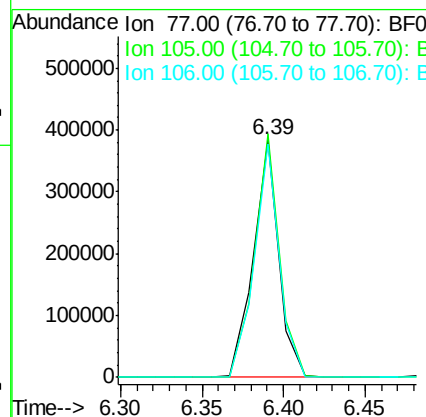
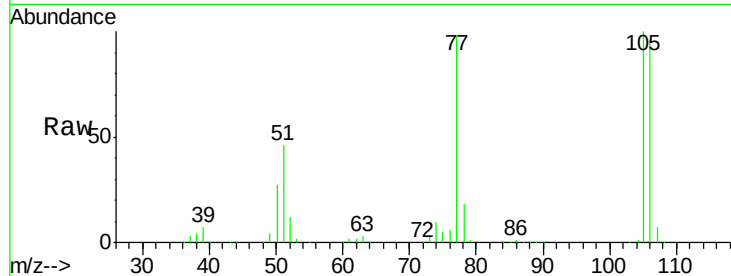
ClientSampleId :

SSTDICC060

Tgt Ion	Ratio	Lower	Upper
77	100		
105	102.4	83.8	123.8
106	98.0	79.1	119.1

Manual Integrations
APPROVED

mohammad
3/20/2017 12:58:04 PM



#10

Phenol

Concen: 53.95 ng

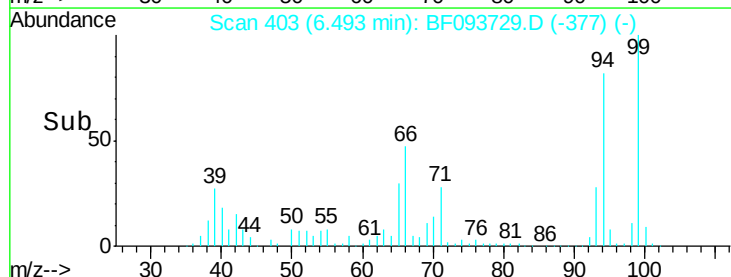
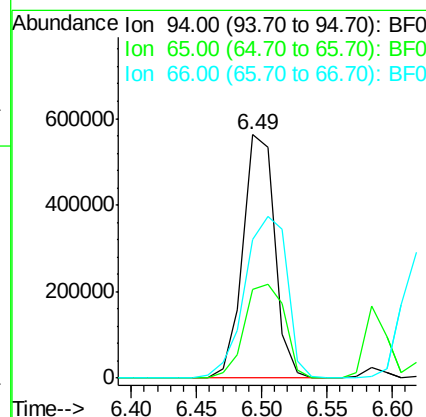
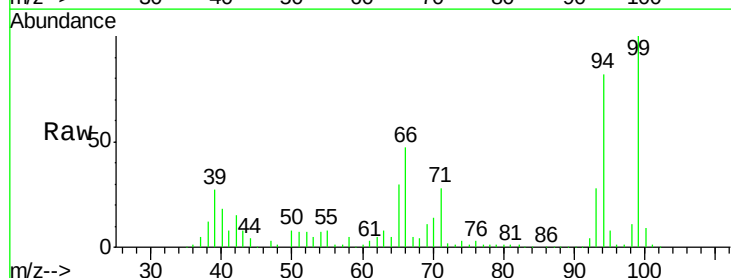
RT: 6.49 min Scan# 403

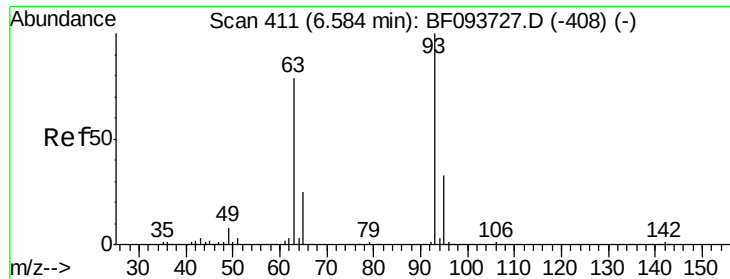
Delta R.T. -0.00 min

Lab File: BF093729.D

Acq: 18 Mar 2017 2:53

Tgt Ion	Ratio	Lower	Upper
94	100		
65	36.4	9.9	49.9
66	57.2	23.1	63.1





#11

bis(2-Chloroethyl)ether

Concen: 54.05 ng

RT: 6.58 min Scan# 411

Delta R.T. -0.00 min

Lab File: BF093729.D

Acq: 18 Mar 2017 2:53

Instrument :

BNA_F

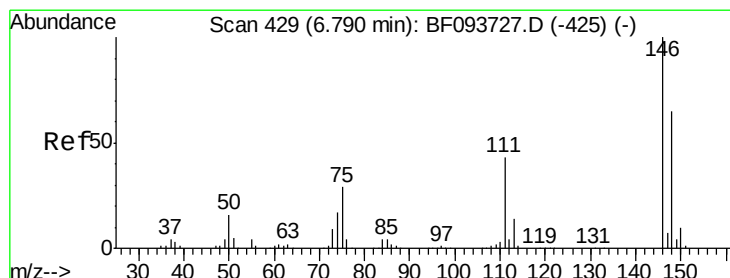
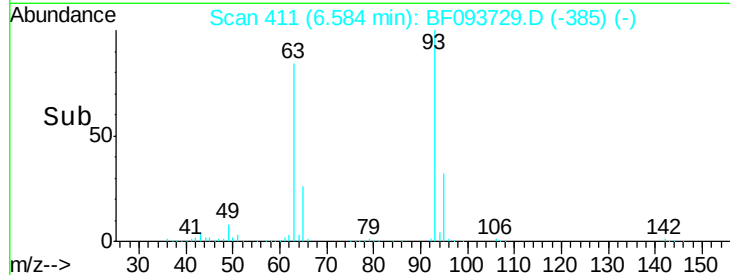
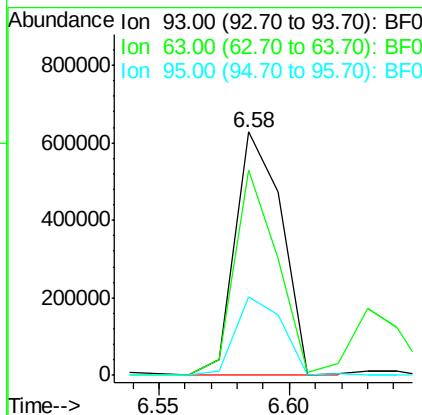
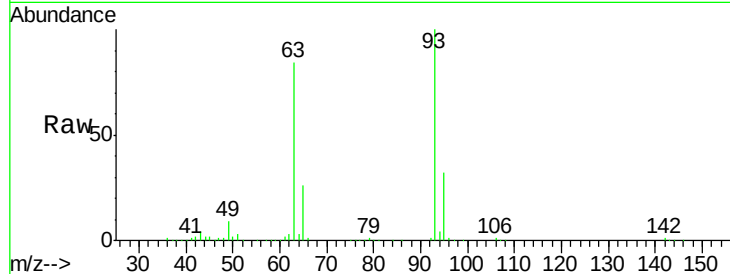
ClientSampleId :

SSTDICC060

Tgt Ion:	93	Resp:	779443
Ion	Ratio	Lower	Upper
93	100		
63	84.2	59.2	99.2
95	32.3	12.8	52.8

Manual Integrations
APPROVED

mohammad
3/20/2017 12:58:04 PM



#12

1,3-Dichlorobenzene

Concen: 53.08 ng

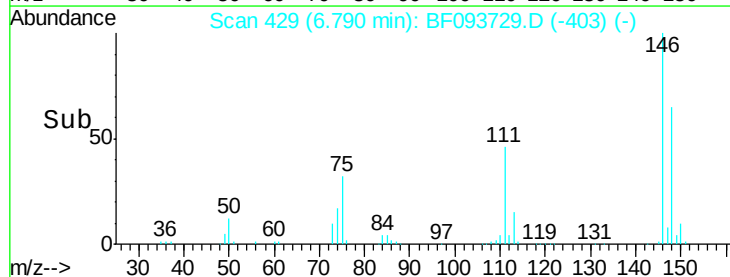
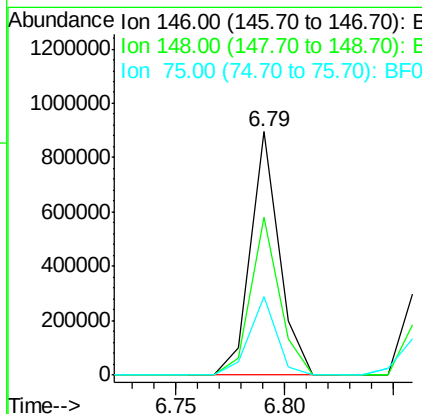
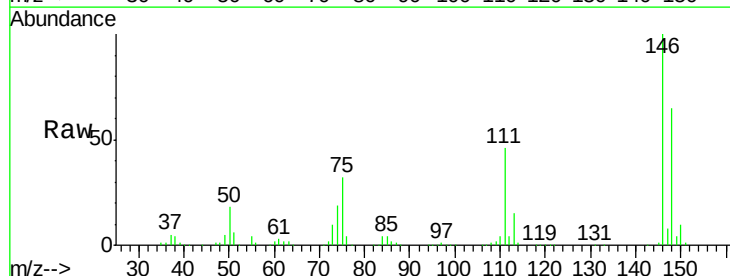
RT: 6.79 min Scan# 429

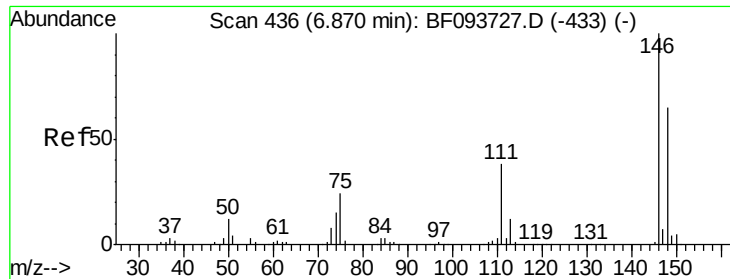
Delta R.T. -0.00 min

Lab File: BF093729.D

Acq: 18 Mar 2017 2:53

Tgt Ion:	146	Resp:	821189
Ion	Ratio	Lower	Upper
146	100		
148	64.7	51.8	77.6
75	32.4	23.1	34.7





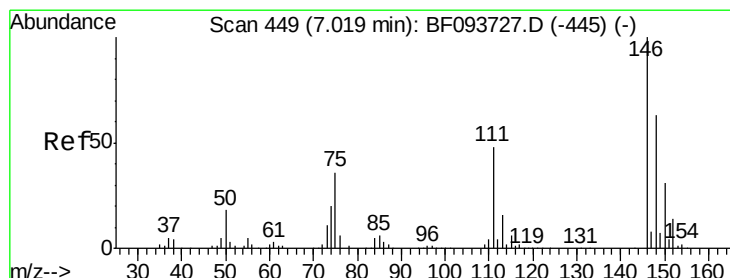
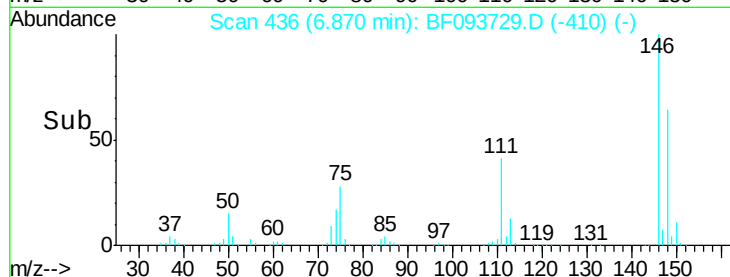
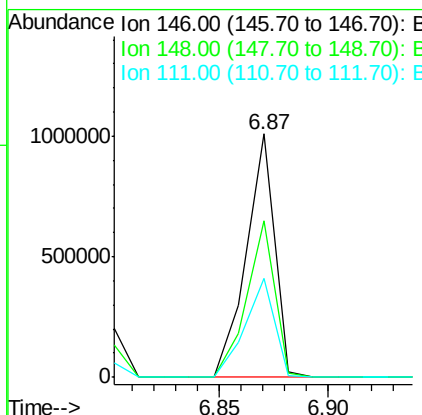
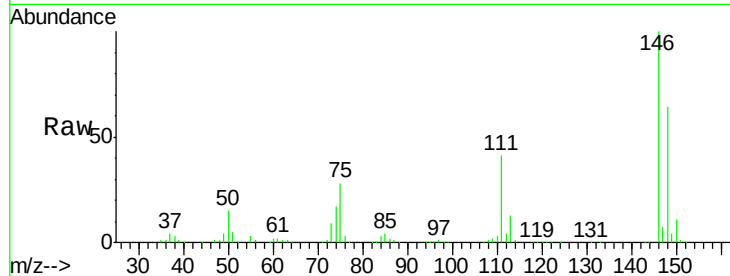
#13
 1,4-Dichlorobenzene
 Concen: 57.88 ng
 RT: 6.87 min Scan# 436
 Delta R.T. 0.00 min
 Lab File: BF093729.D
 Acq: 18 Mar 2017 2:53

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC060

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	912992		
148	64.5	52.2	78.2	
111	40.8	30.3	45.5	

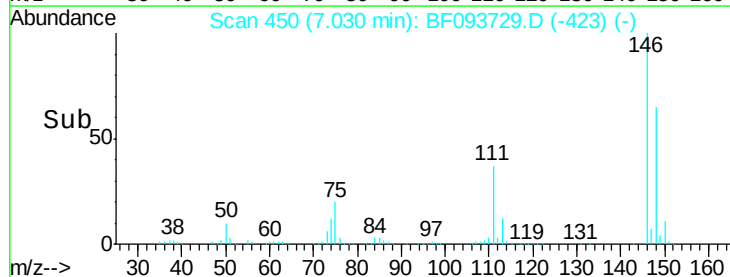
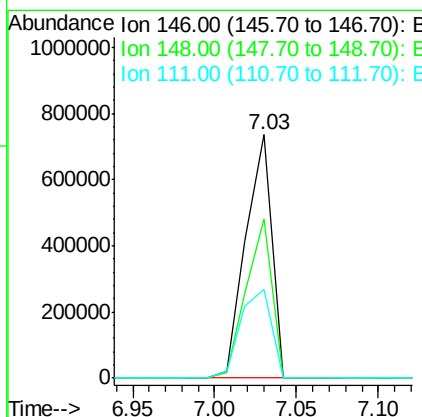
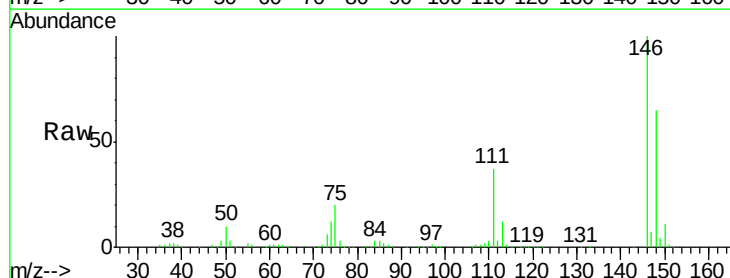
Manual Integrations
 APPROVED

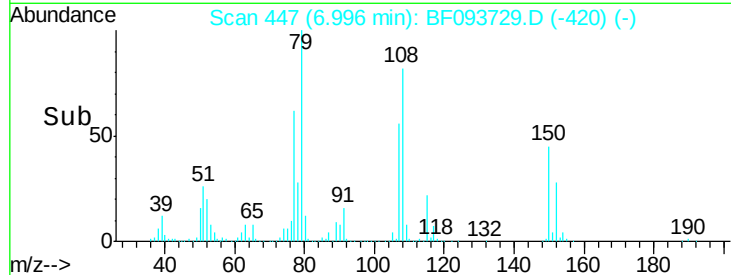
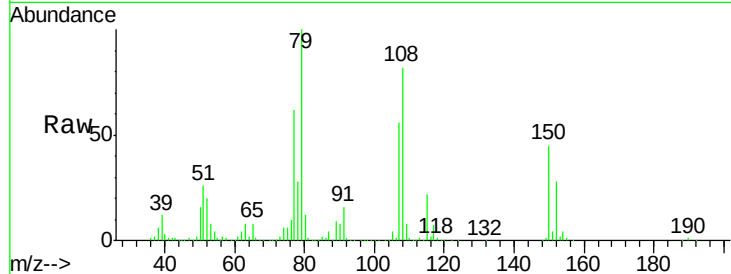
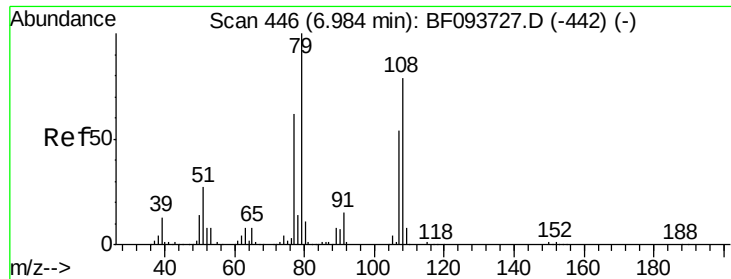
mohammad
 3/20/2017 12:58:04 PM



#14
 1,2-Dichlorobenzene
 Concen: 54.58 ng m
 RT: 7.03 min Scan# 450
 Delta R.T. 0.01 min
 Lab File: BF093729.D
 Acq: 18 Mar 2017 2:53

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	805688		
148	65.2	50.4	75.6	
111	36.6	38.2	57.4#	





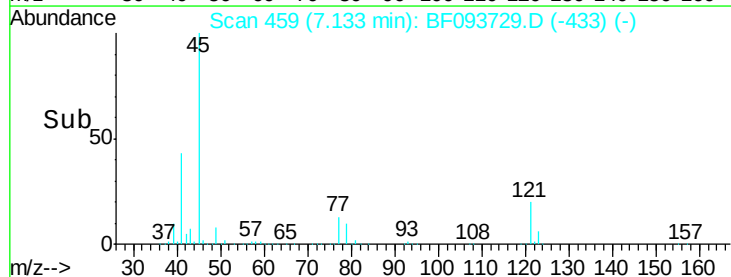
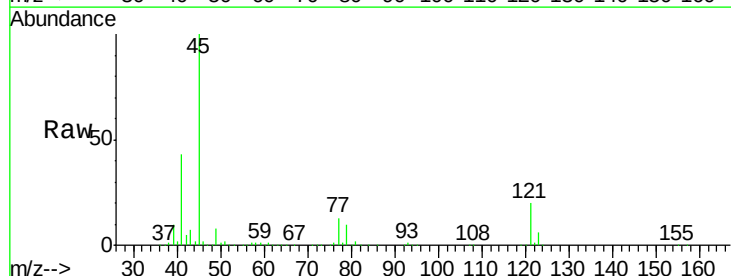
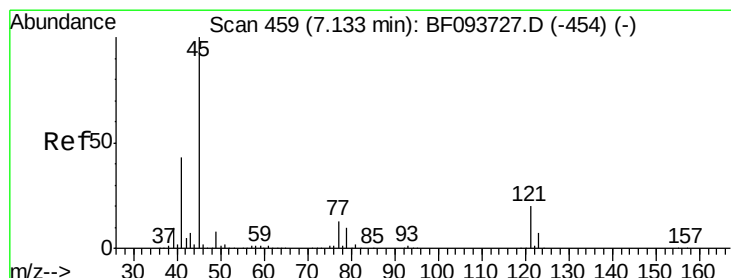
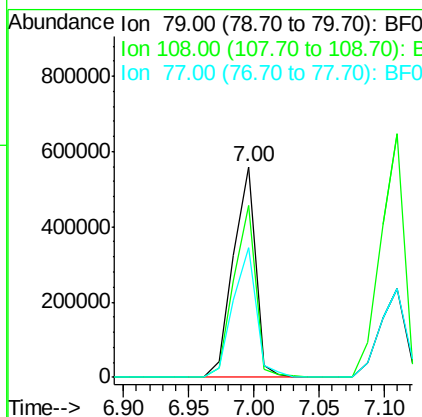
#15
Benzyl Alcohol
Concen: 57.11 ng
RT: 7.00 min Scan# 447
Delta R.T. 0.01 min
Lab File: BF093729.D
Acq: 18 Mar 2017 2:53

Tgt Ion	Ratio	Lower	Upper
79	100		
108	81.9	63.4	95.0
77	61.7	49.2	73.8

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

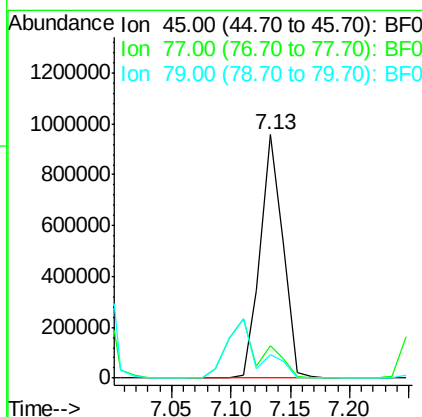
Manual Integrations
APPROVED

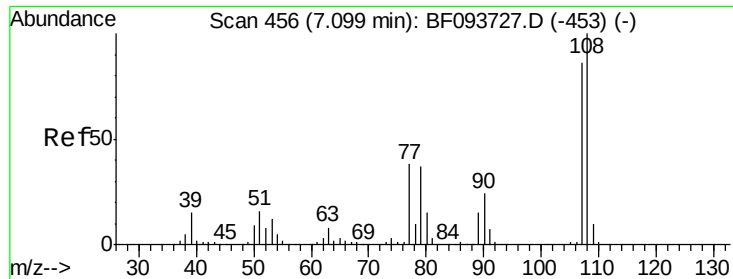
mohammad
3/20/2017 12:58:04 PM



#16
2,2'-oxybis(1-Chloropropane)
Concen: 57.43 ng
RT: 7.13 min Scan# 459
Delta R.T. 0.00 min
Lab File: BF093729.D
Acq: 18 Mar 2017 2:53

Tgt Ion	Ratio	Lower	Upper
45	100		
77	13.3	0.0	33.2
79	9.9	0.0	30.0





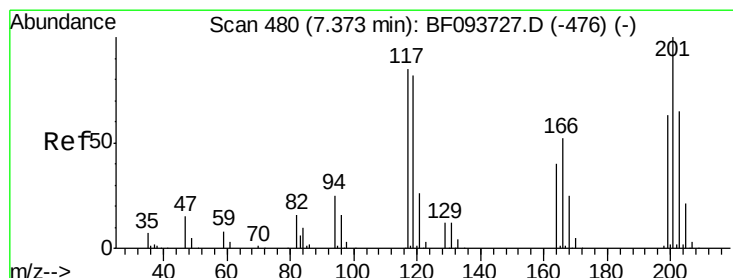
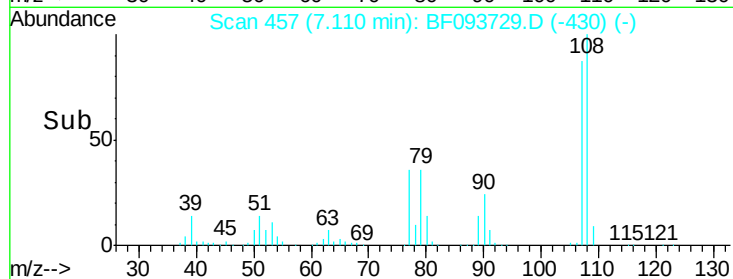
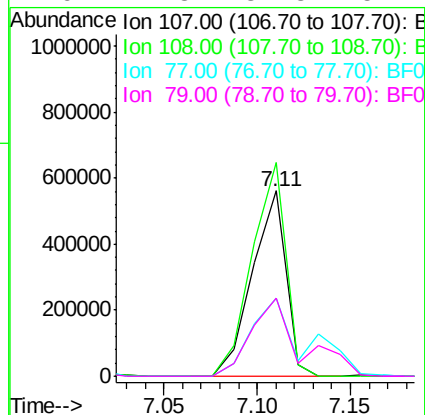
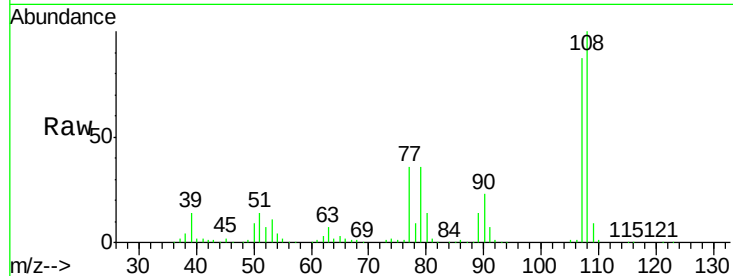
#17
2-Methylphenol
Concen: 57.93 ng
RT: 7.11 min Scan# 457
Delta R.T. 0.01 min
Lab File: BF093729.D
Acq: 18 Mar 2017 2:53

Instrument :
BNA_F
ClientSampleId :
SSTDIC060

Tgt Ion	Ratio	Resp	Lower	Upper
107	100	701241		
108	115.2	93.4	140.0	
77	42.0	35.8	53.6	
79	41.8	34.8	52.2	

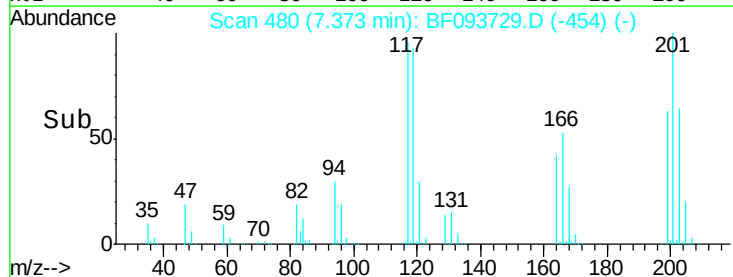
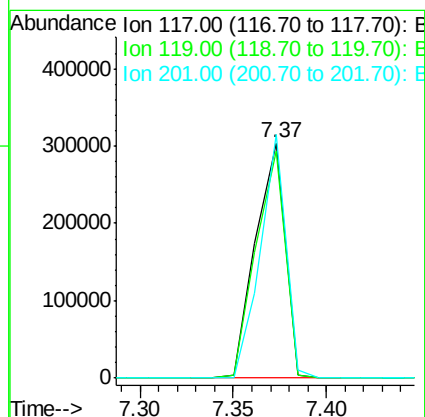
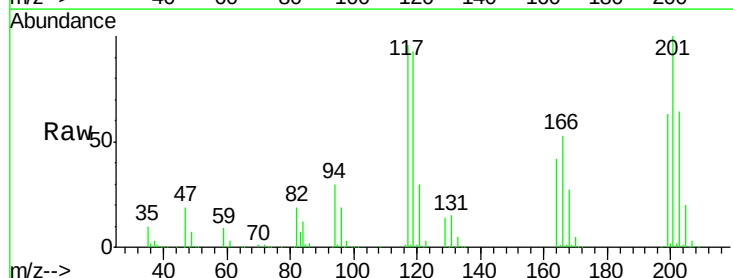
Manual Integrations
APPROVED

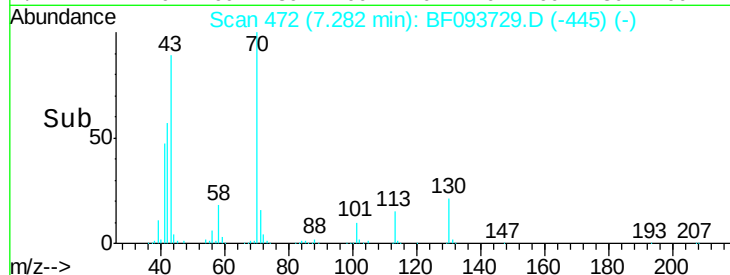
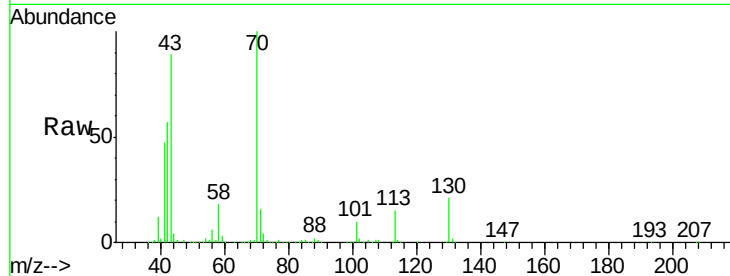
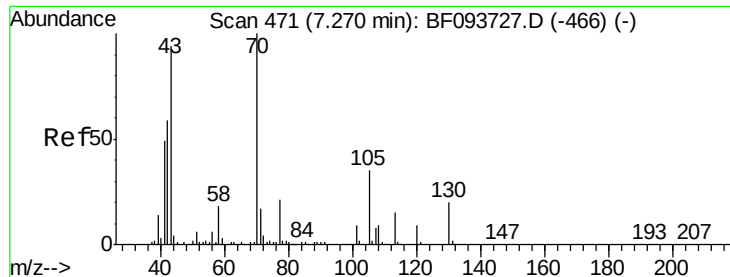
mohammad
3/20/2017 12:58:04 PM



#18
Hexachloroethane
Concen: 60.07 ng
RT: 7.37 min Scan# 480
Delta R.T. -0.00 min
Lab File: BF093729.D
Acq: 18 Mar 2017 2:53

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	332690		
119	96.7	77.4	116.0	
201	103.6	94.6	141.8	





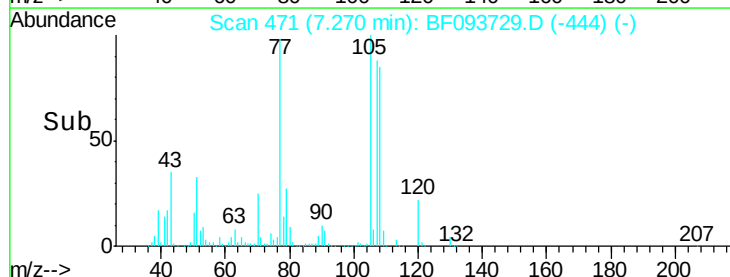
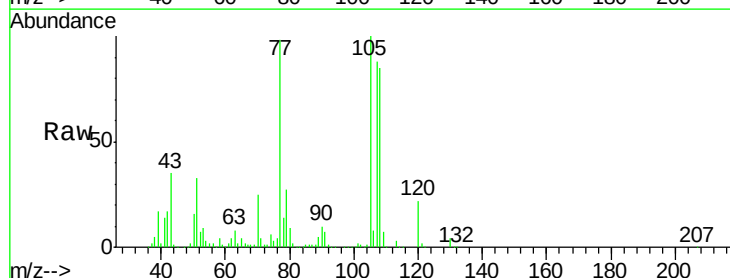
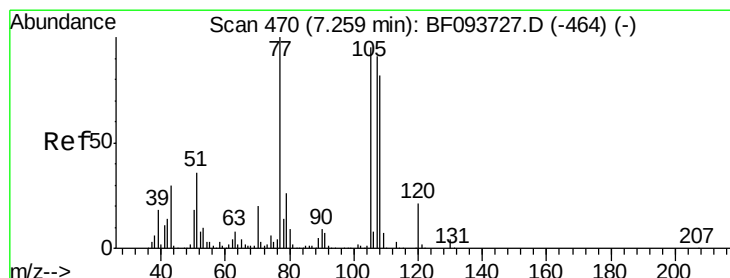
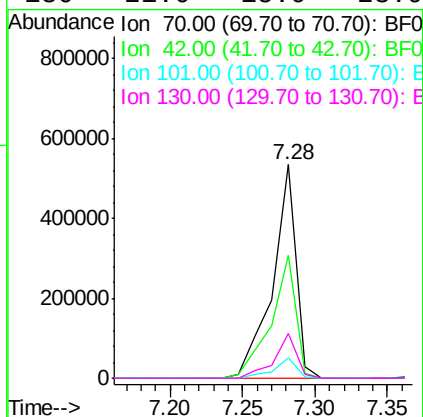
#19
n-Nitroso-di-n-propylamine
Concen: 58.20 ng
RT: 7.28 min Scan# 472
Delta R.T. 0.01 min
Lab File: BF093729.D
Acq: 18 Mar 2017 2:53

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tgt Ion	Ratio	Lower	Upper
70	100		
42	57.4	47.2	70.8
101	9.6	7.2	10.8
130	21.0	15.9	23.9

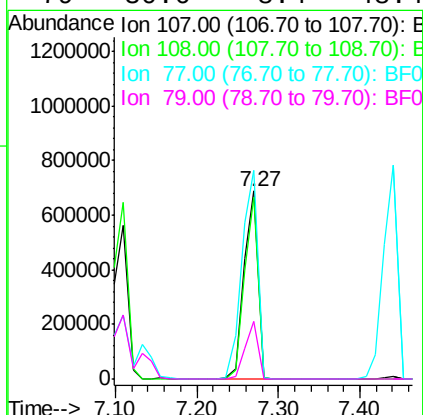
Manual Integrations
APPROVED

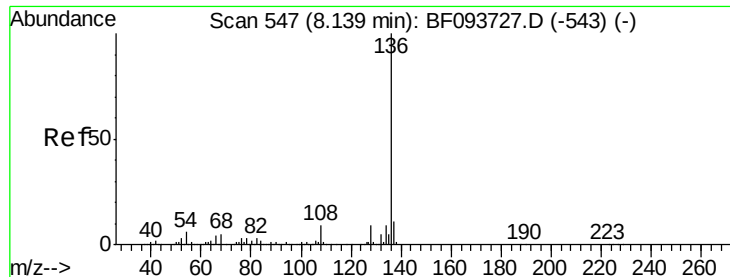
mohammad
3/20/2017 12:58:04 PM



#20
3+4-Methylphenols
Concen: 56.46 ng
RT: 7.27 min Scan# 471
Delta R.T. 0.01 min
Lab File: BF093729.D
Acq: 18 Mar 2017 2:53

Tgt Ion	Ratio	Lower	Upper
107	100		
108	96.4	71.0	111.0
77	111.1	90.5	130.5
79	30.6	8.4	48.4





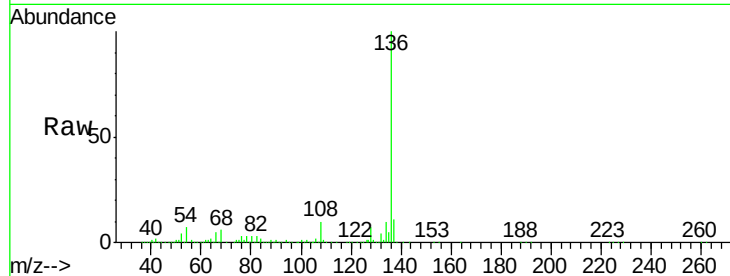
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.14 min Scan# 547
Delta R.T. 0.00 min
Lab File: BF093729.D
Acq: 18 Mar 2017 2:53

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

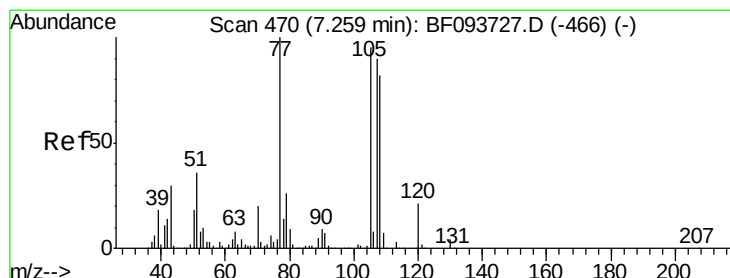
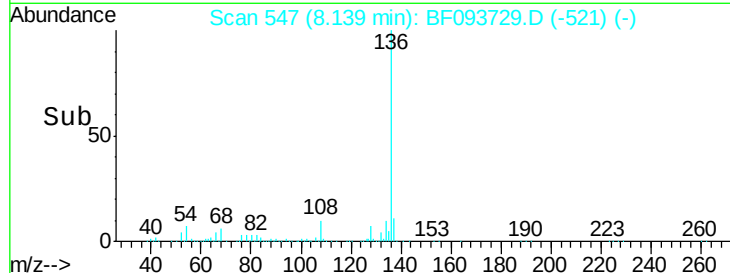
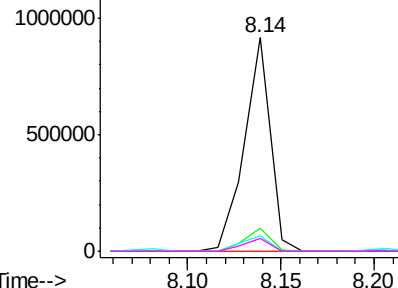
Tgt Ion	Ratio	Resp	Lower	Upper
136	100	877164		
137	11.0	8.5	12.7	
54	7.1	4.9	7.3	
68	5.8	4.1	6.1	

Manual Integrations
APPROVED

mohammad
3/20/2017 12:58:04 PM



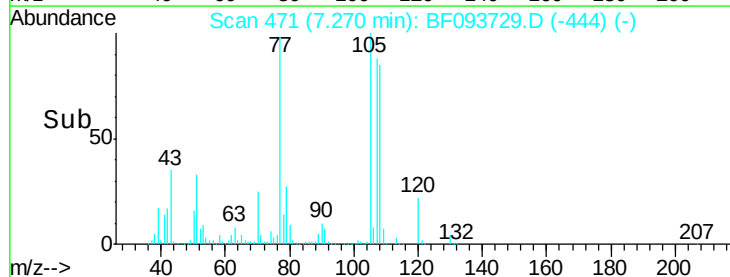
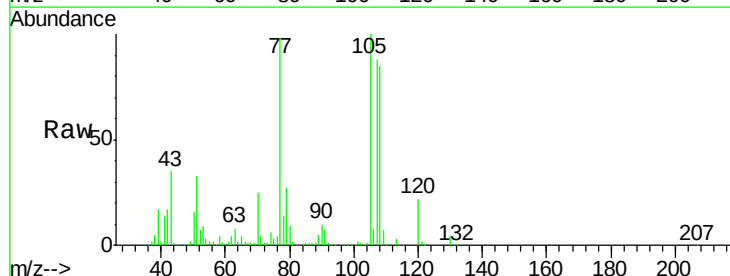
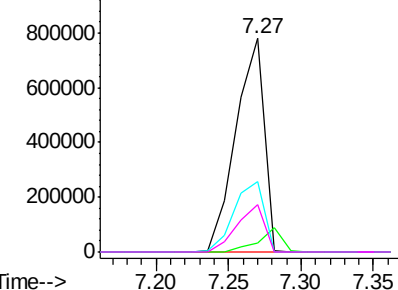
Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

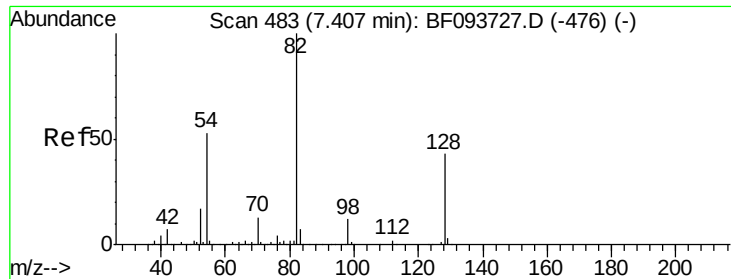


#22
Acetophenone
Concen: 56.83 ng
RT: 7.27 min Scan# 471
Delta R.T. 0.01 min
Lab File: BF093729.D
Acq: 18 Mar 2017 2:53

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	1055318		
71	4.3	2.8	4.2#	
51	32.8	30.7	46.1	
120	22.0	17.4	26.0	

Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BF0
Ion 51.00 (50.70 to 51.70): BF0
Ion 120.00 (119.70 to 120.70): E





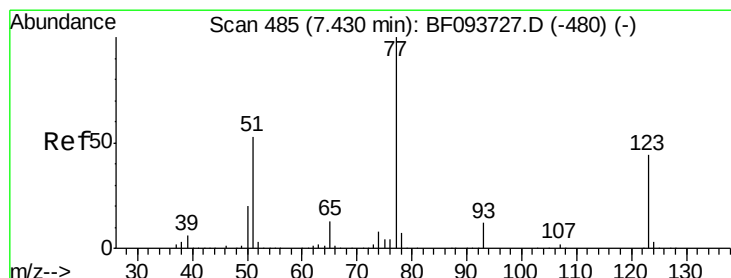
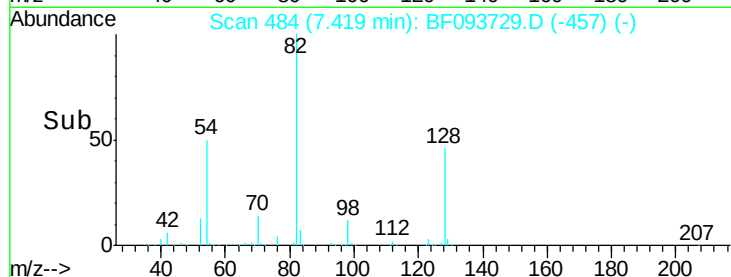
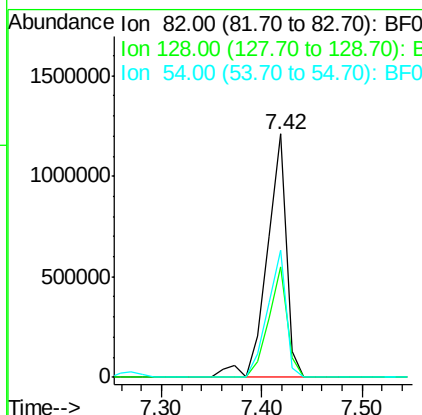
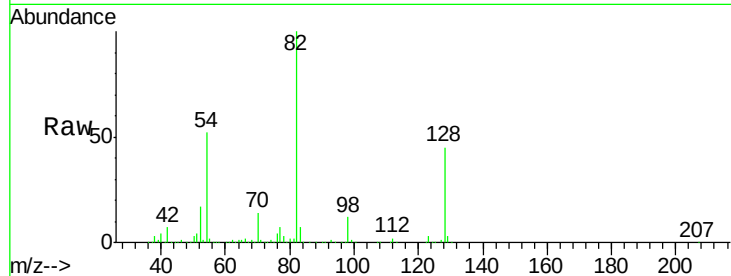
#23
 Nitrobenzene-d5
 Concen: 121.91 ng
 RT: 7.42 min Scan# 484
 Delta R.T. 0.01 min
 Lab File: BF093729.D
 Acq: 18 Mar 2017 2:53

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC060

Tgt Ion: 82 Resp: 1620013
 Ion Ratio Lower Upper
 82 100
 128 45.5 34.0 51.0
 54 52.0 42.2 63.2

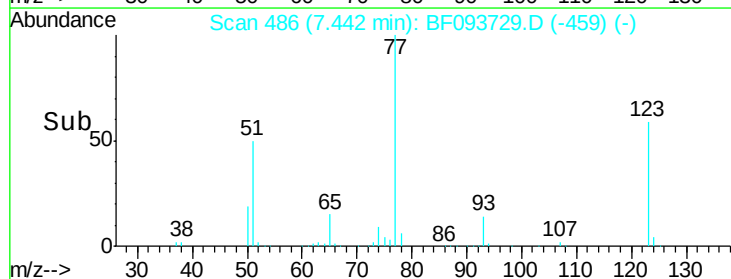
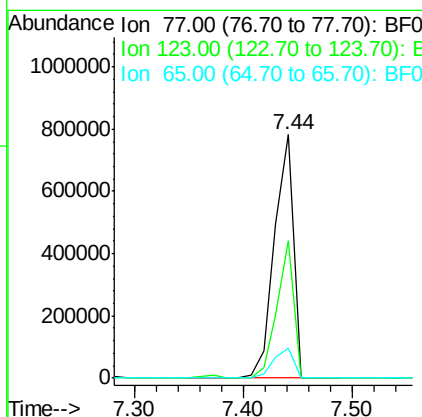
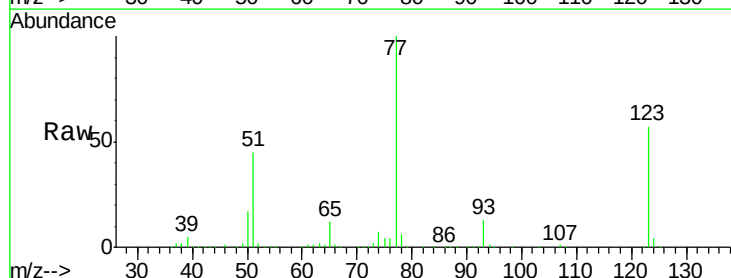
Manual Integrations
 APPROVED

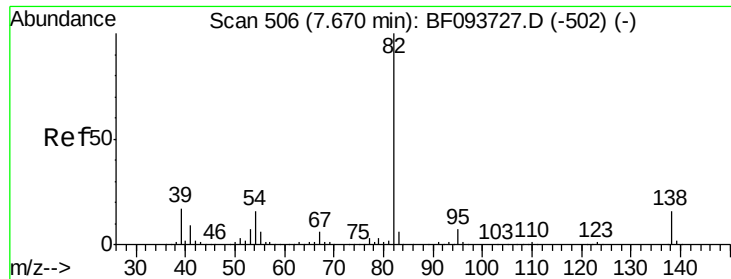
mohammad
 3/20/2017 12:58:04 PM



#24
 Nitrobenzene
 Concen: 64.45 ng
 RT: 7.44 min Scan# 486
 Delta R.T. 0.01 min
 Lab File: BF093729.D
 Acq: 18 Mar 2017 2:53

Tgt Ion: 77 Resp: 941808
 Ion Ratio Lower Upper
 77 100
 123 56.7 35.8 53.8#
 65 12.3 10.6 15.8





#25

Isophorone

Concen: 56.19 ng

RT: 7.68 min Scan# 507

Delta R.T. 0.01 min

Lab File: BF093729.D

Acq: 18 Mar 2017 2:53

Instrument :

BNA_F

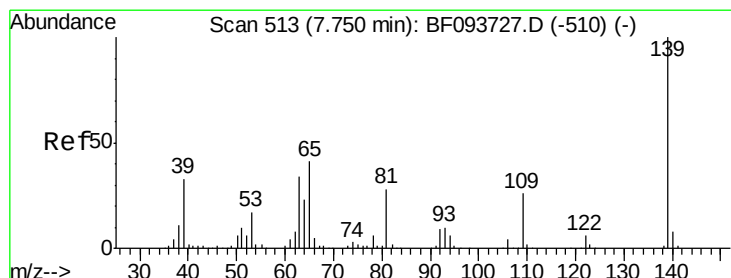
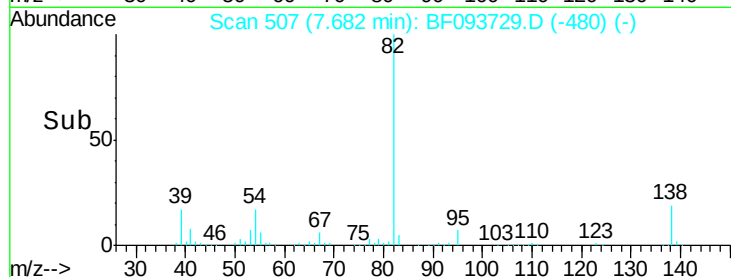
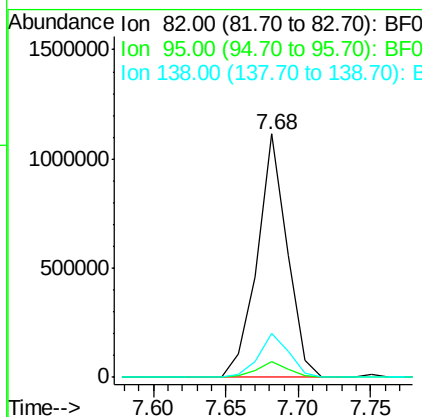
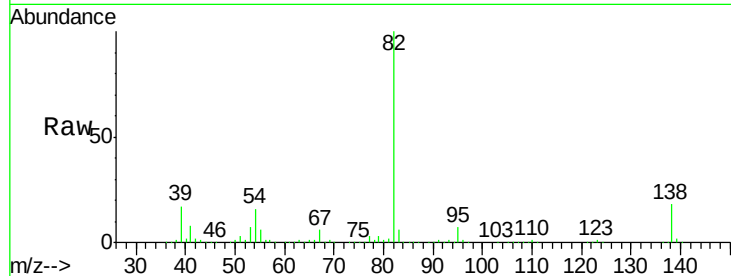
ClientSampleId :

SSTDIC060

Tgt Ion:	82	Resp:	1594114
Ion	Ratio	Lower	Upper
82	100		
95	6.6	5.3	7.9
138	18.1	13.1	19.7

Manual Integrations
APPROVED

mohammad
3/20/2017 12:58:04 PM



#26

2-Nitrophenol

Concen: 71.97 ng

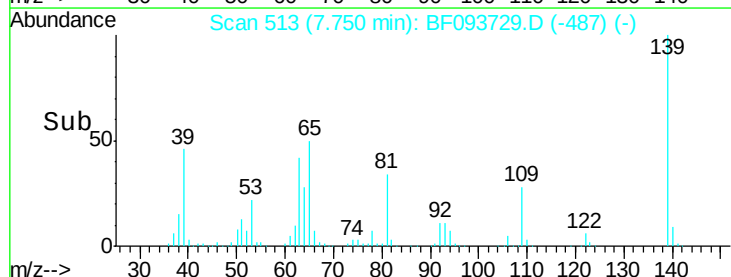
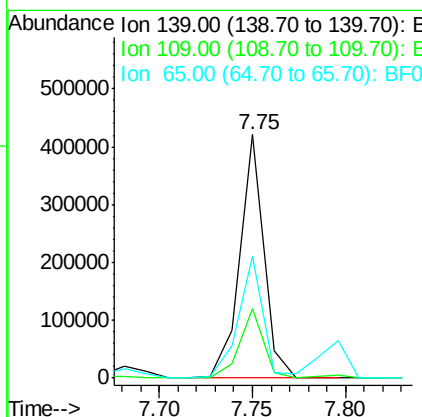
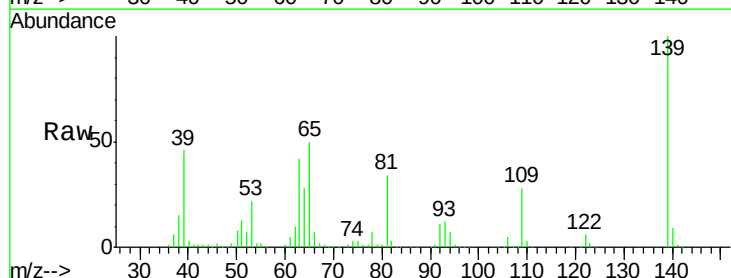
RT: 7.75 min Scan# 513

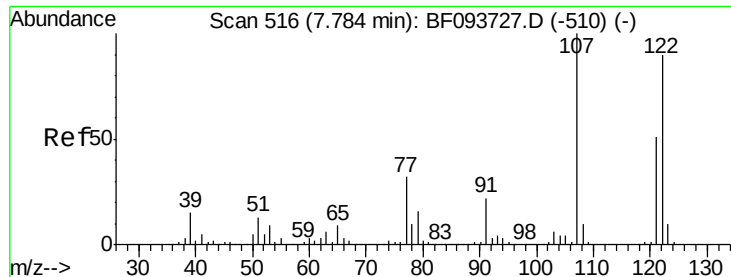
Delta R.T. -0.00 min

Lab File: BF093729.D

Acq: 18 Mar 2017 2:53

Tgt Ion:	139	Resp:	380427
Ion	Ratio	Lower	Upper
139	100		
109	28.4	21.0	31.6
65	50.1	33.0	49.6





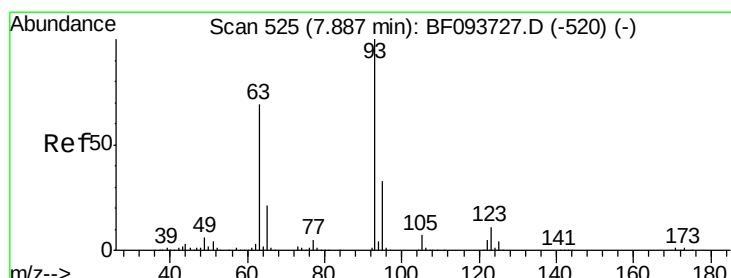
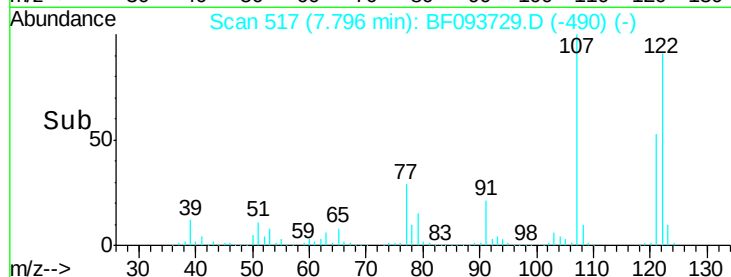
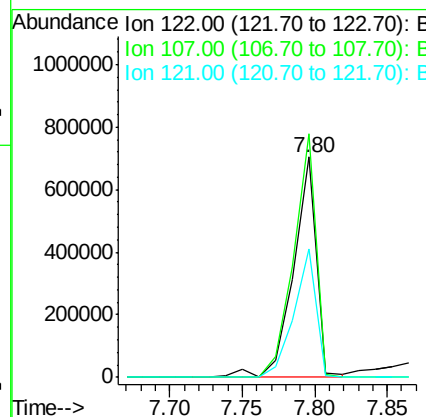
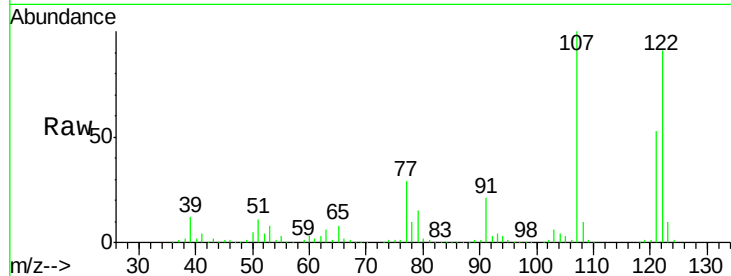
#27
 2,4-Dimethylphenol
 Concen: 57.43 ng
 RT: 7.80 min Scan# 517
 Delta R.T. 0.01 min
 Lab File: BF093729.D
 Acq: 18 Mar 2017 2:53

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC060

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	774432		
107	110.5	89.2	133.8	
121	58.4	45.2	67.8	

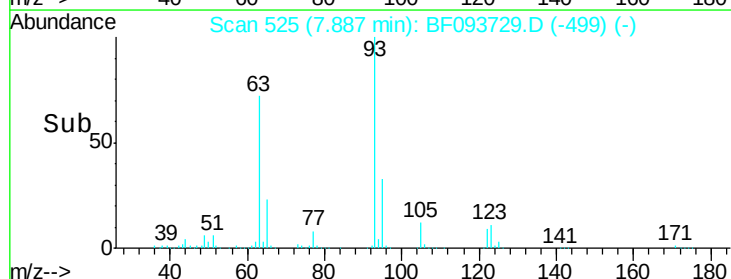
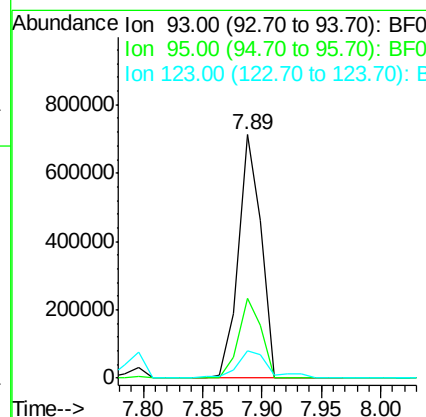
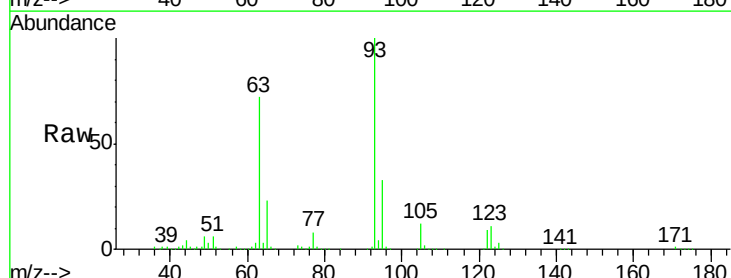
Manual Integrations
 APPROVED

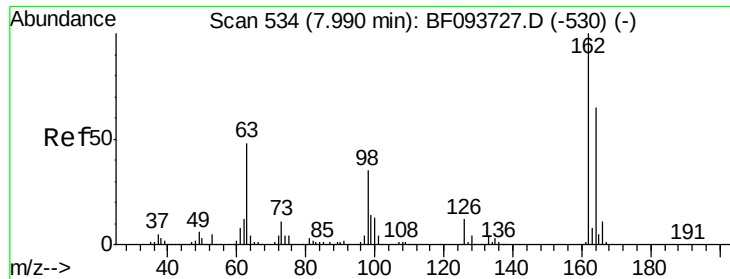
mohammad
 3/20/2017 12:58:04 PM



#28
 bis(2-Chloroethoxy)methane
 Concen: 52.45 ng
 RT: 7.89 min Scan# 525
 Delta R.T. 0.00 min
 Lab File: BF093729.D
 Acq: 18 Mar 2017 2:53

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	941781		
95	32.9	26.5	39.7	
123	11.0	9.0	13.4	





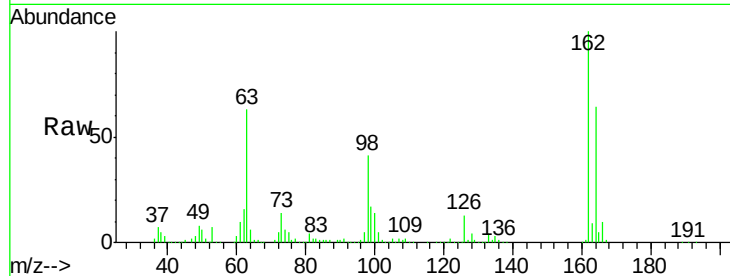
#29
 2,4-Dichlorophenol
 Concen: 54.19 ng
 RT: 7.99 min Scan# 534
 Delta R.T. 0.00 min
 Lab File: BF093729.D
 Acq: 18 Mar 2017 2:53

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC060

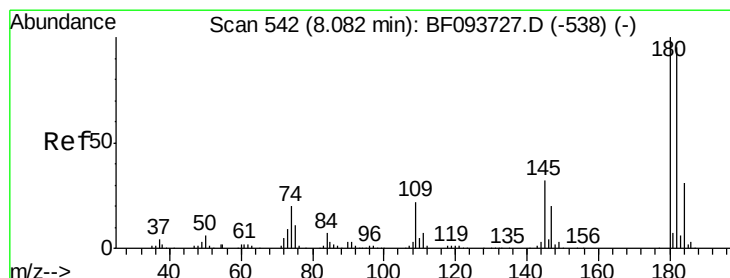
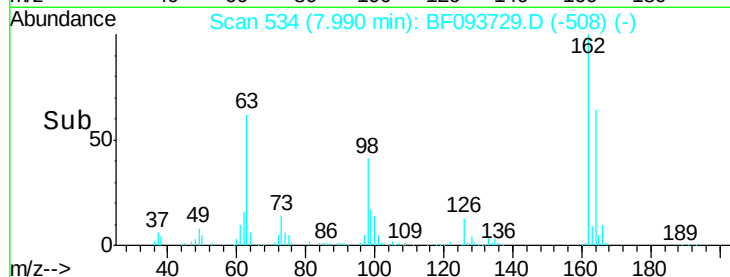
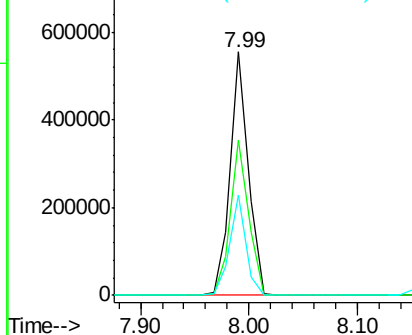
Tgt Ion	Ratio	Resp Lower	Resp Upper
162	100		
164	63.7	44.6	84.6
98	40.9	14.8	54.8

Manual Integrations
 APPROVED

mohammad
 3/20/2017 12:58:04 PM

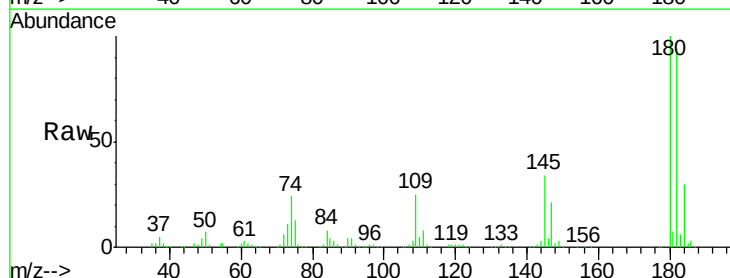


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

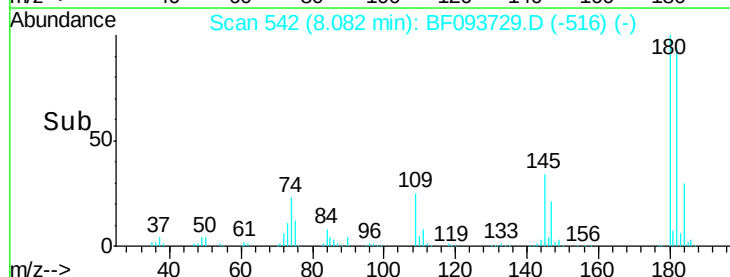
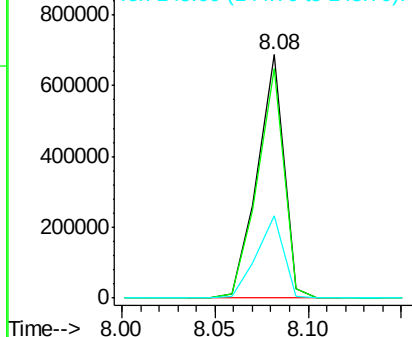


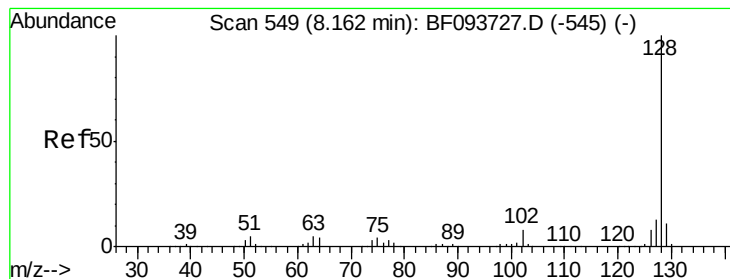
#30
 1,2,4-Trichlorobenzene
 Concen: 55.73 ng
 RT: 8.08 min Scan# 542
 Delta R.T. 0.00 min
 Lab File: BF093729.D
 Acq: 18 Mar 2017 2:53

Tgt Ion	Ratio	Resp Lower	Resp Upper
180	100		
182	94.1	75.8	113.6
145	33.7	25.3	37.9



Abundance Ion 180.00 (179.70 to 180.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 54.31 ng

RT: 8.16 min Scan# 549

Delta R.T. -0.00 min

Lab File: BF093729.D

Acq: 18 Mar 2017 2:53

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

Tgt Ion:128 Resp: 2298615

Ion Ratio Lower Upper

128 100

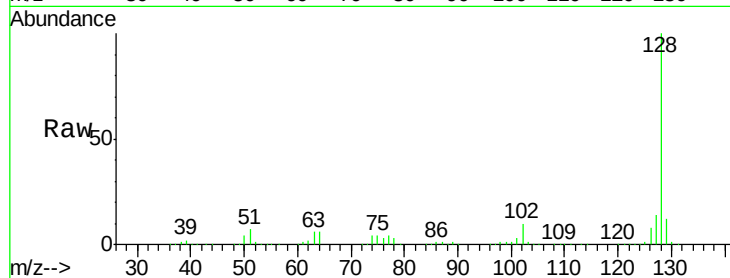
129 11.6 9.0 13.6

127 14.1 10.8 16.2

Manual Integrations
APPROVED

mohammad

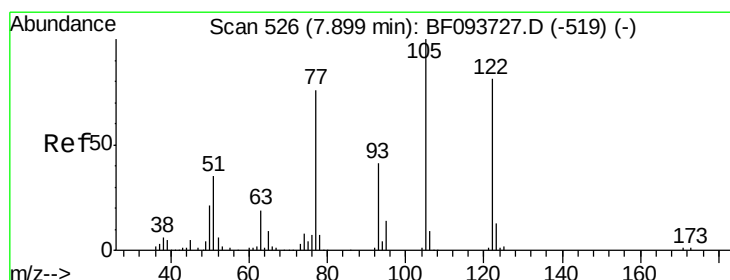
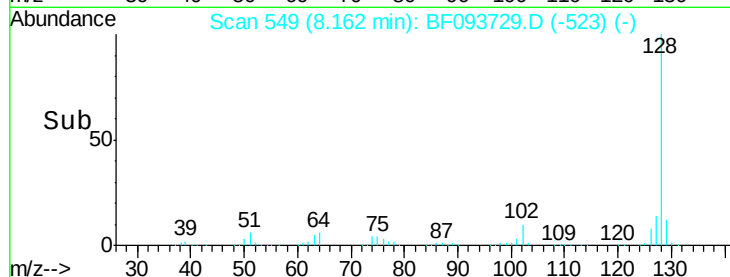
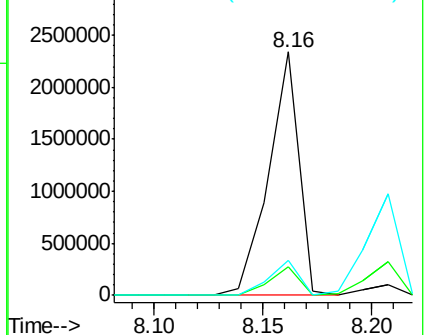
3/20/2017 12:58:04 PM



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: 86.85 ng

RT: 7.93 min Scan# 529

Delta R.T. 0.03 min

Lab File: BF093729.D

Acq: 18 Mar 2017 2:53

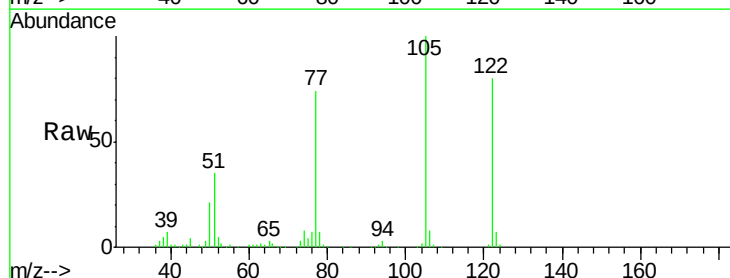
Tgt Ion:122 Resp: 523445

Ion Ratio Lower Upper

122 100

105 124.5 103.3 143.3

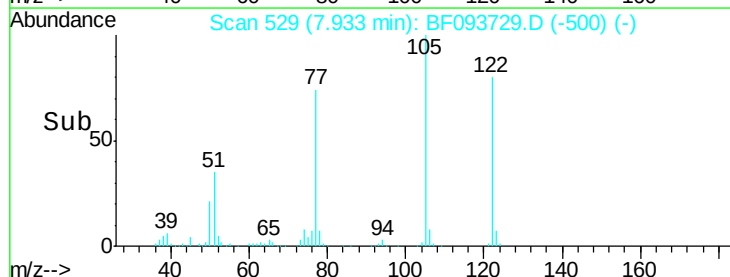
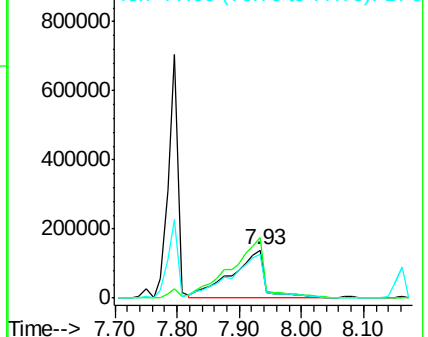
77 92.0 73.7 113.7

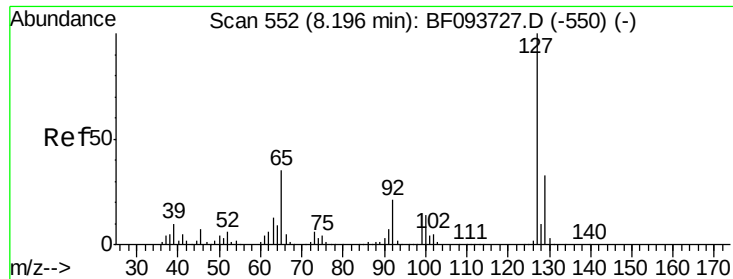


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0





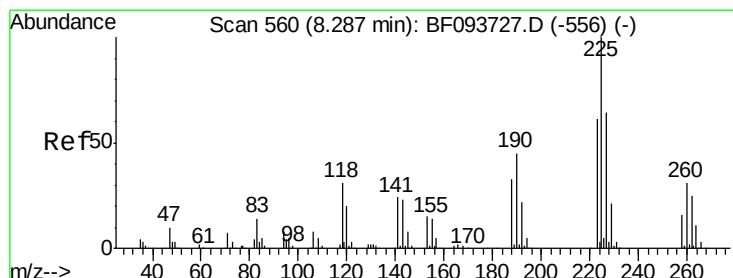
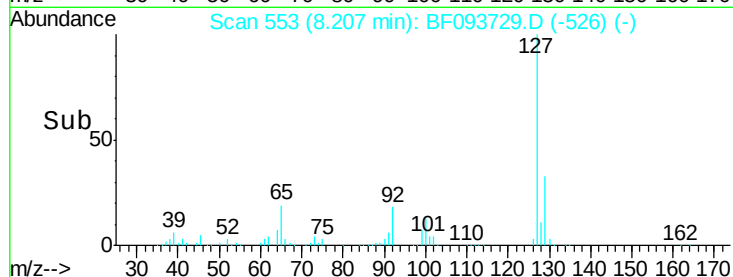
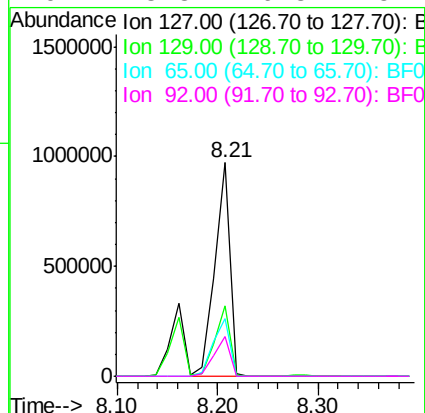
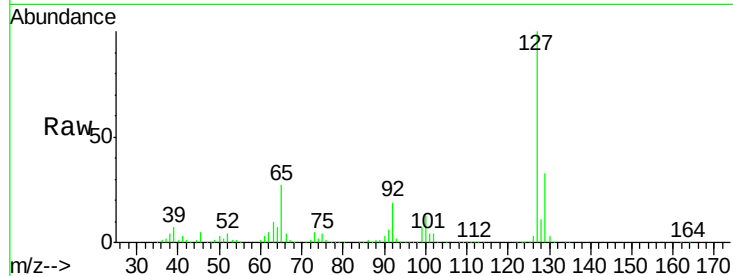
#33
4-Chloroaniline
Concen: 56.60 ng
RT: 8.21 min Scan# 553
Delta R.T. 0.01 min
Lab File: BF093729.D
Acq: 18 Mar 2017 2:53

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tgt Ion	Ratio	Resp	Lower	Upper
127	100	1012398		
129	32.9	26.2	39.2	
65	27.2	27.8	41.8	
92	18.8	16.8	25.2	

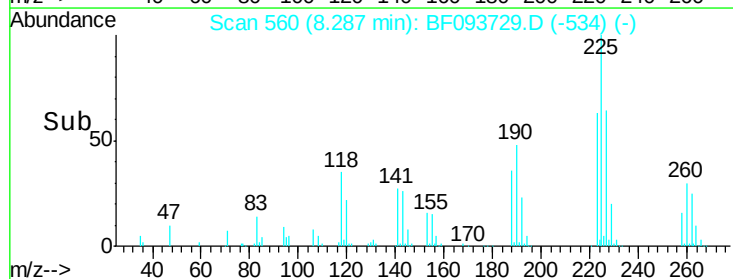
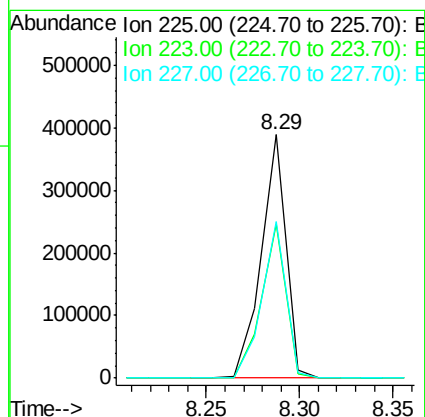
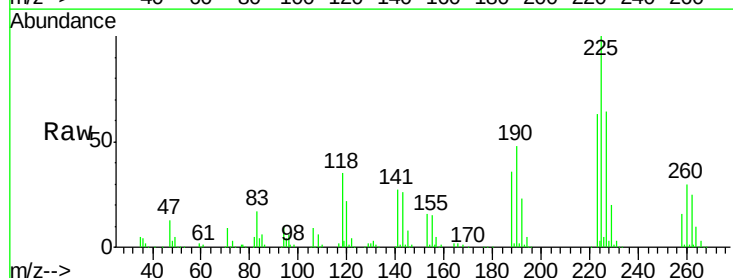
Manual Integrations
APPROVED

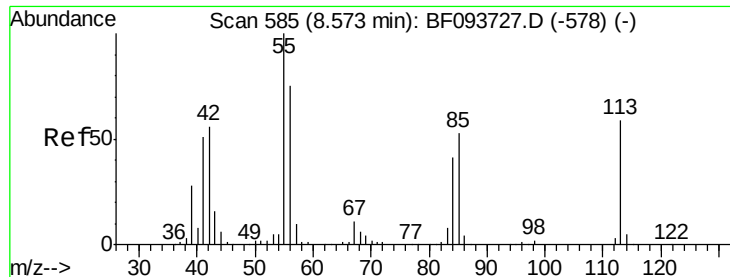
mohammad
3/20/2017 12:58:04 PM



#34
Hexachlorobutadiene
Concen: 54.97 ng
RT: 8.29 min Scan# 560
Delta R.T. 0.00 min
Lab File: BF093729.D
Acq: 18 Mar 2017 2:53

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	352557		
223	63.2	48.8	73.2	
227	64.1	51.1	76.7	





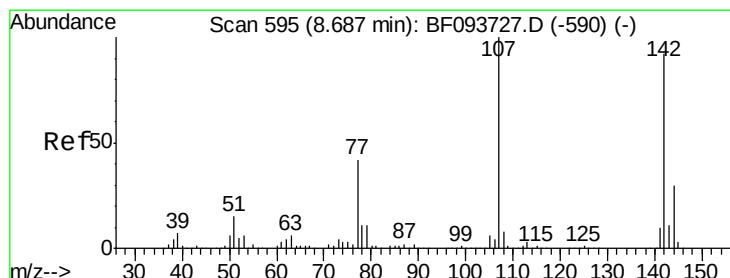
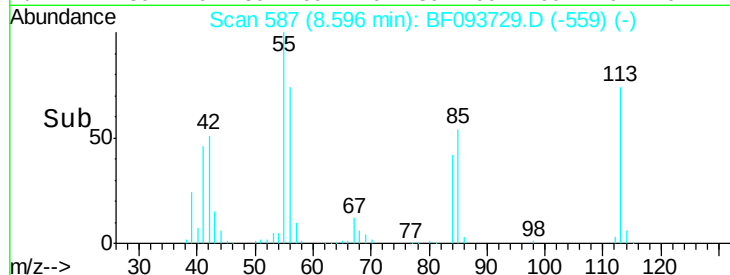
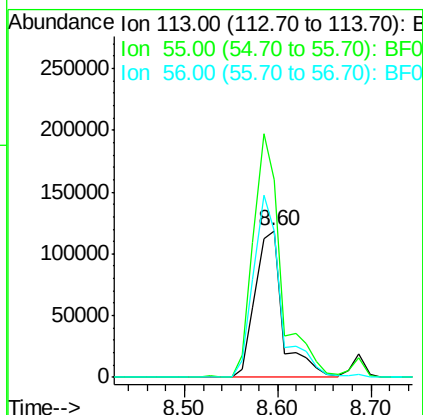
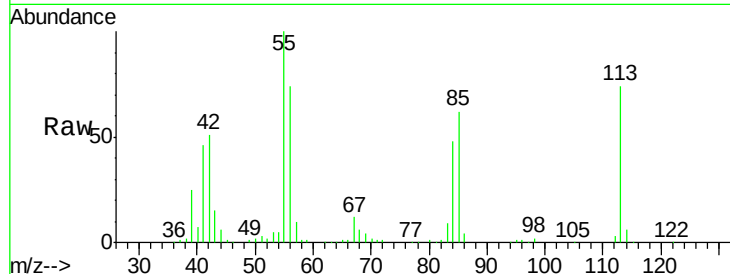
#35
 Caprolactam
 Concen: 61.60 ng
 RT: 8.60 min Scan# 587
 Delta R.T. 0.02 min
 Lab File: BF093729.D
 Acq: 18 Mar 2017 2:53

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC060

Tgt Ion	Ratio	Lower	Upper
113	100		
55	134.6	150.2	190.2#
56	99.6	107.8	147.8#

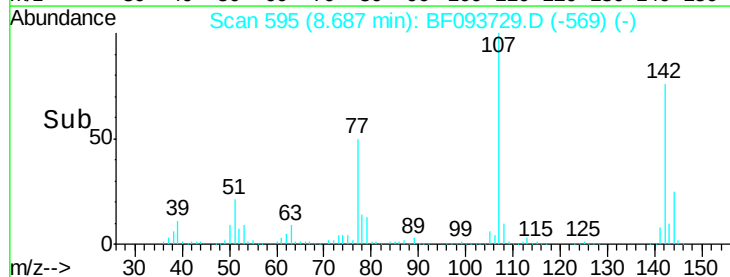
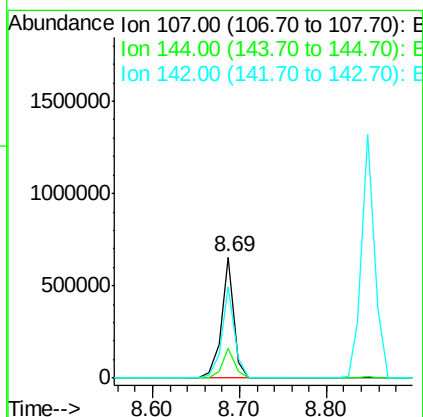
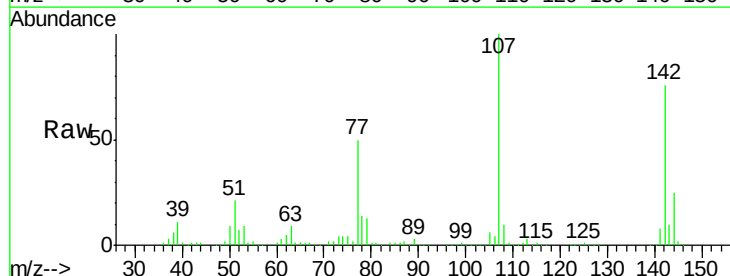
Manual Integrations
 APPROVED

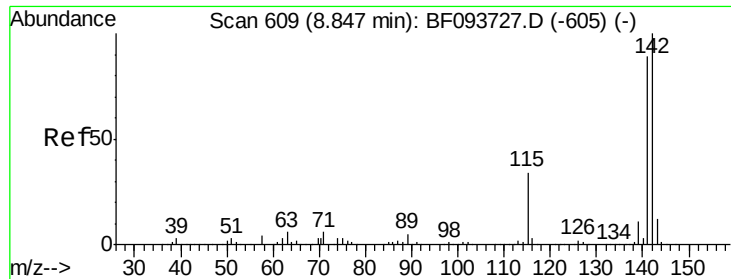
mohammad
 3/20/2017 12:58:04 PM



#36
 4-Chloro-3-methylphenol
 Concen: 53.31 ng
 RT: 8.69 min Scan# 595
 Delta R.T. -0.00 min
 Lab File: BF093729.D
 Acq: 18 Mar 2017 2:53

Tgt Ion	Ratio	Lower	Upper
107	100		
144	24.9	24.2	36.4
142	75.6	73.4	110.0





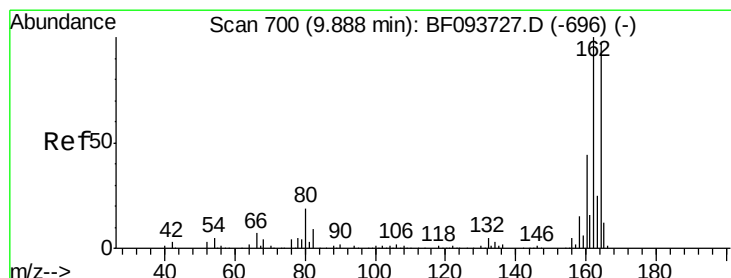
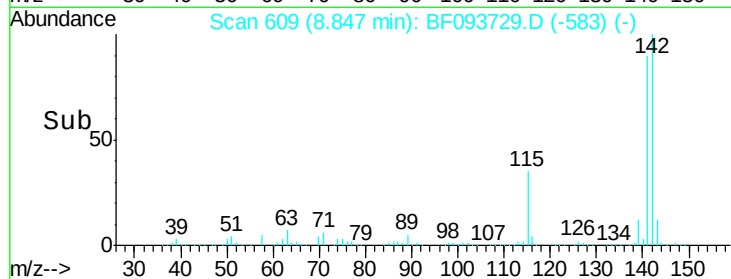
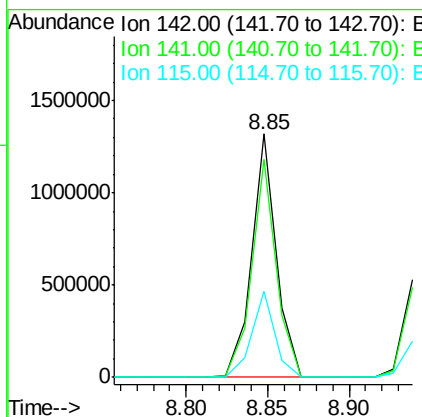
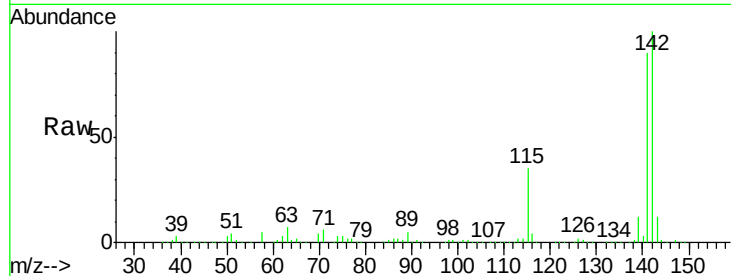
#37
 2-Methylnaphthalene
 Concen: 48.75 ng
 RT: 8.85 min Scan# 609
 Delta R.T. -0.00 min
 Lab File: BF093729.D
 Acq: 18 Mar 2017 2:53

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC060

Tgt Ion	Ratio	Lower	Upper
142	100		
141	89.6	71.3	106.9
115	35.2	27.1	40.7

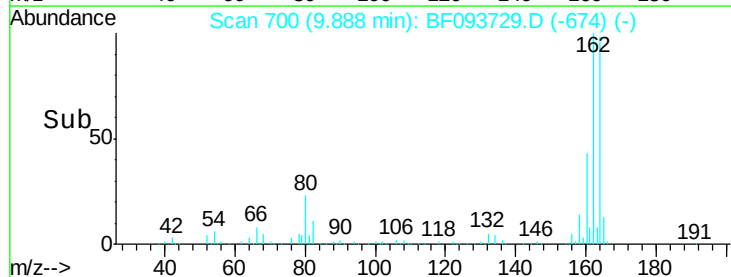
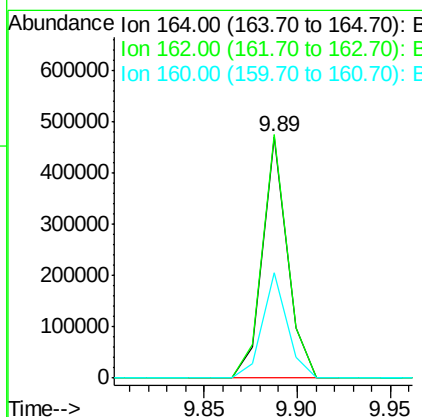
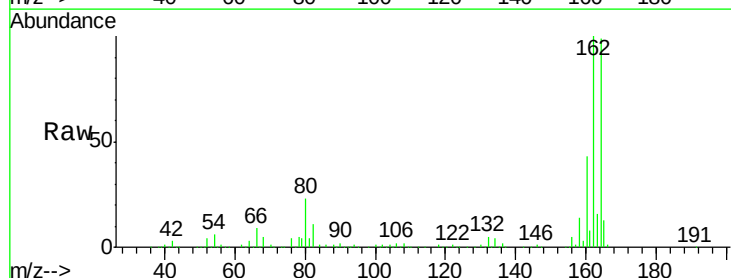
Manual Integrations
 APPROVED

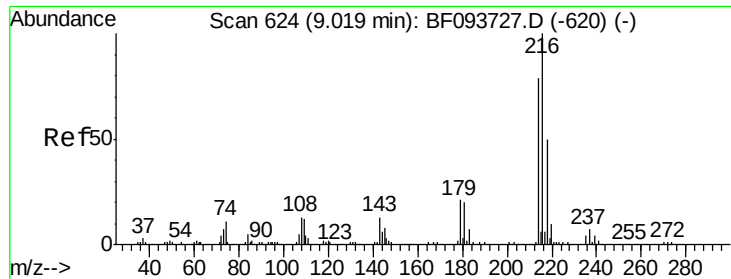
mohammad
 3/20/2017 12:58:04 PM



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.89 min Scan# 700
 Delta R.T. -0.00 min
 Lab File: BF093729.D
 Acq: 18 Mar 2017 2:53

Tgt Ion	Ratio	Lower	Upper
164	100		
162	100.8	82.6	123.8
160	43.7	36.2	54.2





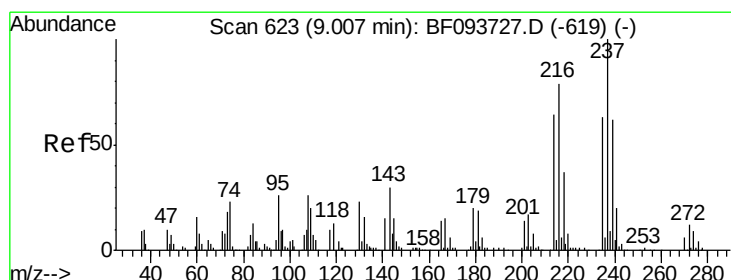
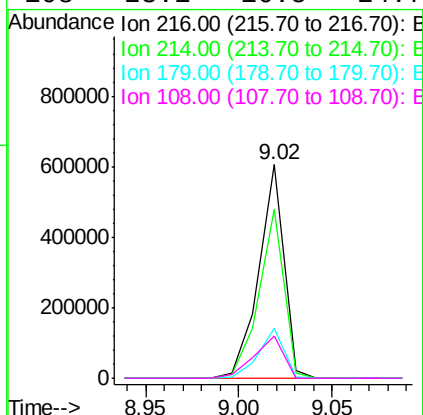
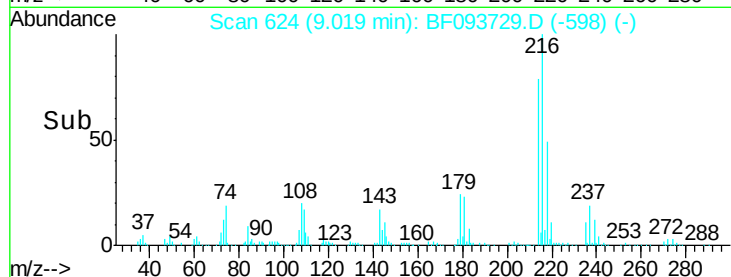
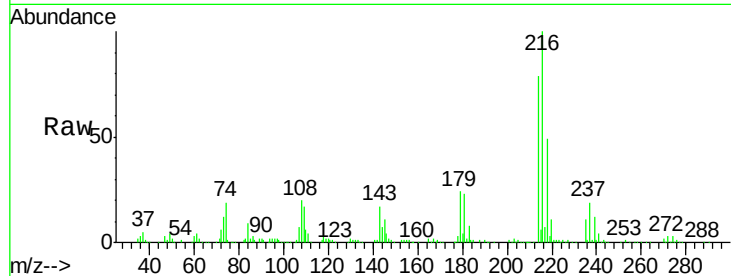
#39
1,2,4,5-Tetrachlorobenzene
Concen: 52.68 ng
RT: 9.02 min Scan# 624
Delta R.T. 0.00 min
Lab File: BF093729.D
Acq: 18 Mar 2017 2:53

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tgt Ion	Ratio	Resp	Lower	Upper
216	100	562180		
214	78.7	63.4	95.2	
179	23.8	17.9	26.9	
108	23.1	16.5	24.7	

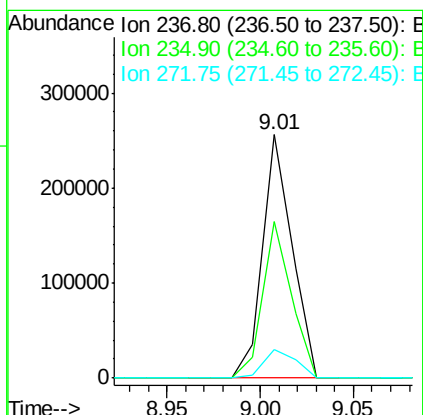
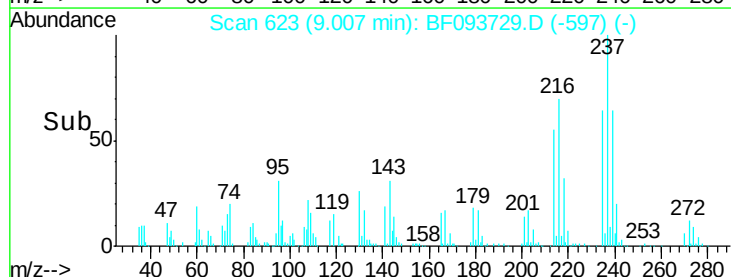
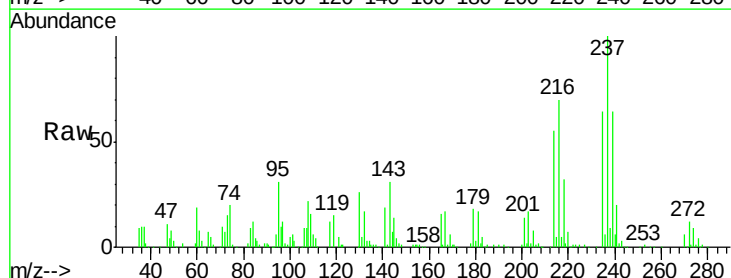
Manual Integrations
APPROVED

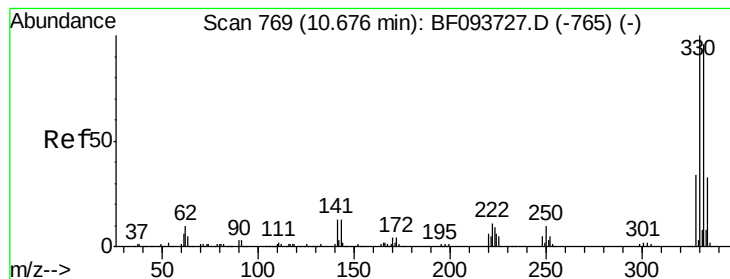
mohammad
3/20/2017 12:58:04 PM



#40
Hexachlorocyclopentadiene
Concen: 54.84 ng
RT: 9.01 min Scan# 623
Delta R.T. -0.00 min
Lab File: BF093729.D
Acq: 18 Mar 2017 2:53

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	279407		
235	64.1	42.6	82.6	
272	11.7	0.0	31.9	





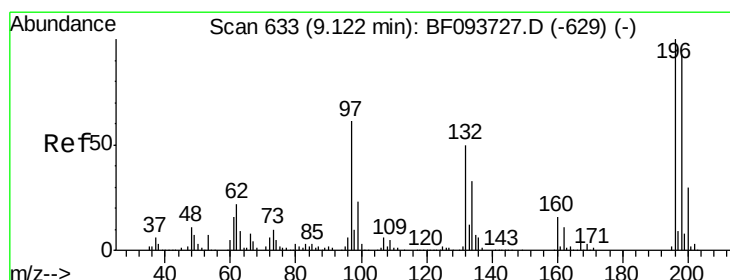
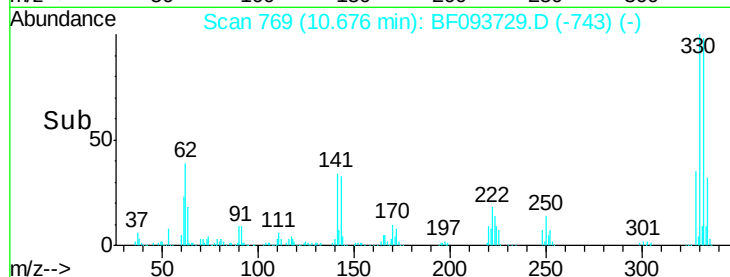
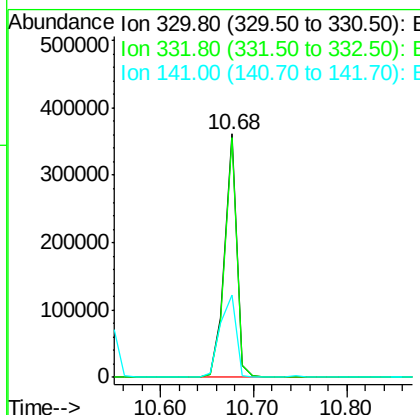
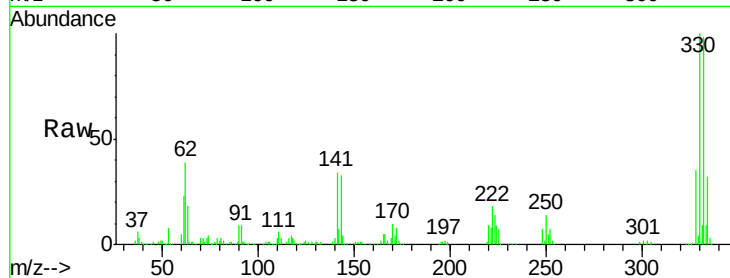
#41
 2,4,6-Tribromophenol
 Concen: 116.59 ng
 RT: 10.68 min Scan# 769
 Delta R.T. -0.00 min
 Lab File: BF093729.D
 Acq: 18 Mar 2017 2:53

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC060

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	327662		
332	97.6	76.6	115.0	
141	44.5	31.4	47.2	

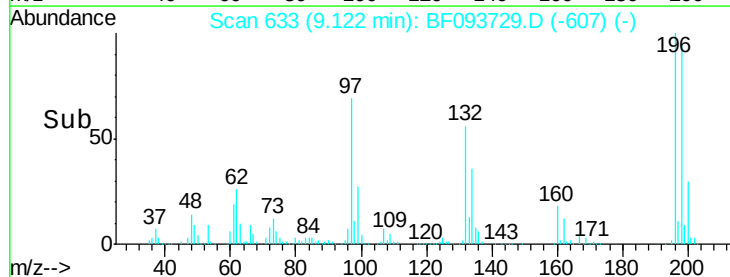
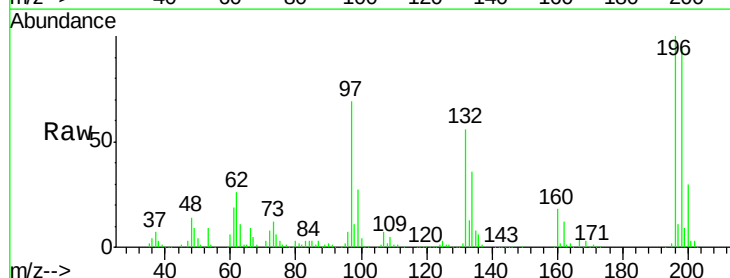
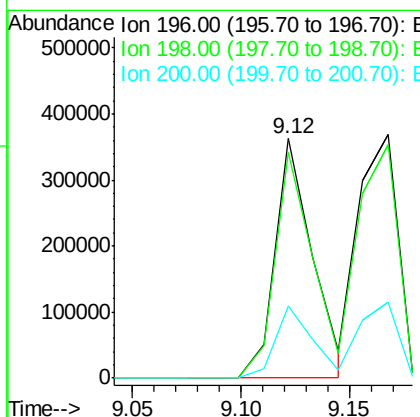
Manual Integrations
 APPROVED

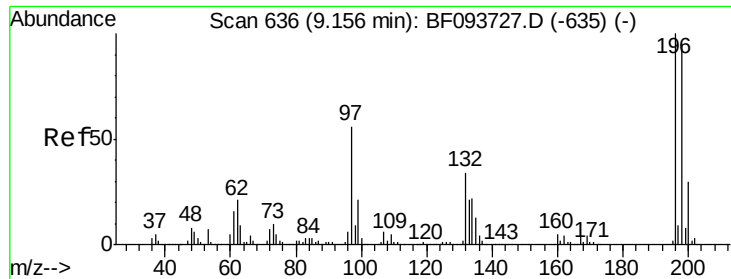
mohammad
 3/20/2017 12:58:04 PM



#42
 2,4,6-Trichlorophenol
 Concen: 59.04 ng
 RT: 9.12 min Scan# 633
 Delta R.T. 0.00 min
 Lab File: BF093729.D
 Acq: 18 Mar 2017 2:53

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	438015		
198	94.2	74.2	111.4	
200	30.1	24.0	36.0	





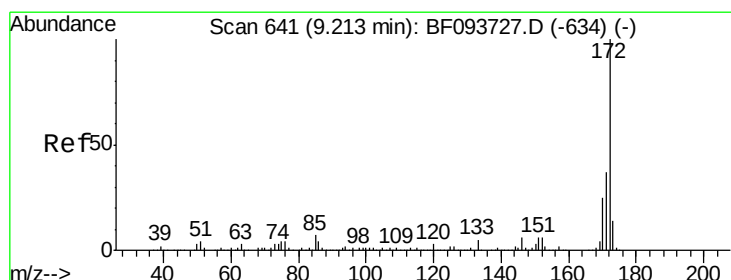
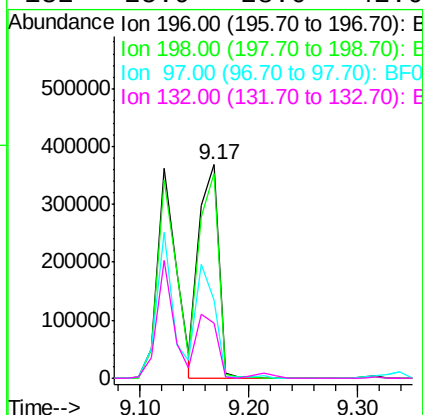
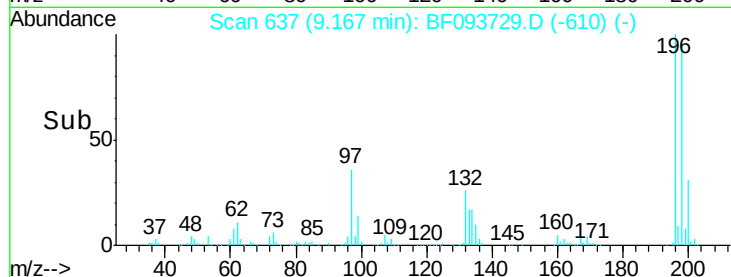
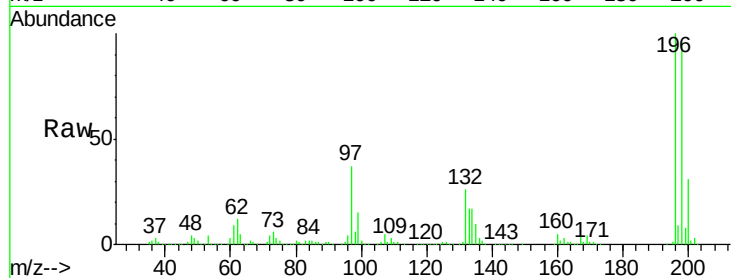
#43
 2,4,5-Trichlorophenol
 Concen: 60.73 ng
 RT: 9.17 min Scan# 637
 Delta R.T. 0.01 min
 Lab File: BF093729.D
 Acq: 18 Mar 2017 2:53

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC060

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	467445		
198	95.9	75.7	113.5	
97	36.6	47.7	71.5	
132	25.9	28.0	42.0	

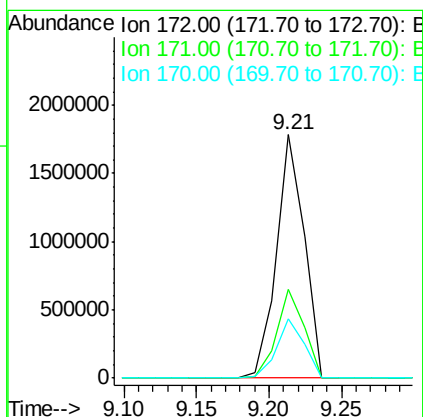
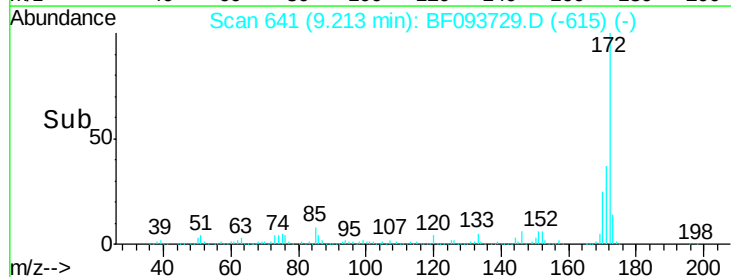
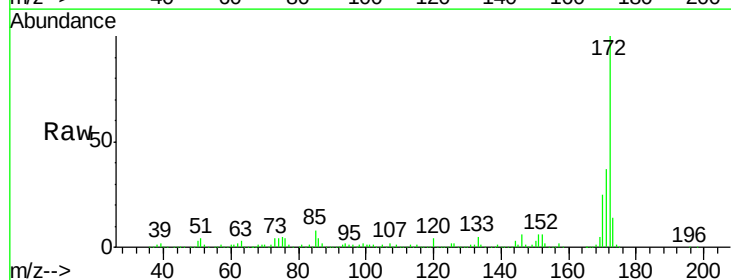
Manual Integrations
 APPROVED

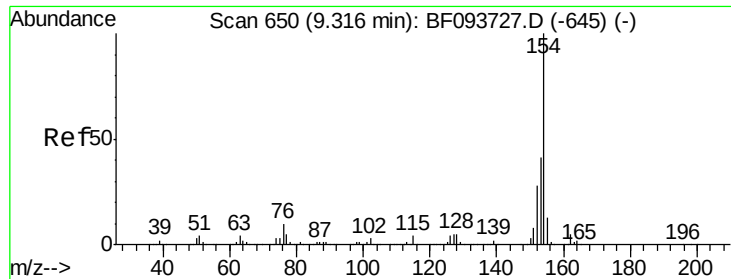
mohammad
 3/20/2017 12:58:04 PM



#44
 2-Fluorobiphenyl
 Concen: 105.29 ng
 RT: 9.21 min Scan# 641
 Delta R.T. -0.00 min
 Lab File: BF093729.D
 Acq: 18 Mar 2017 2:53

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	2348944		
171	36.7	29.6	44.4	
170	24.5	19.8	29.8	





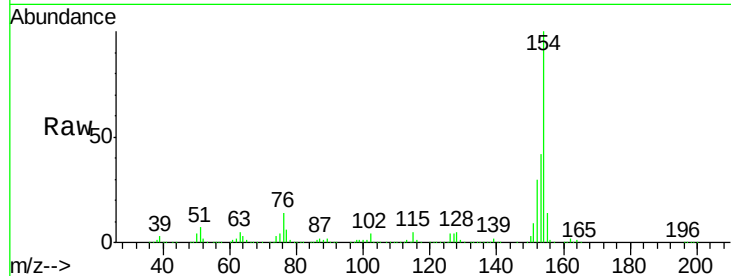
#45
 1,1'-Biphenyl
 Concen: 50.46 ng
 RT: 9.32 min Scan# 650
 Delta R.T. -0.00 min
 Lab File: BF093729.D
 Acq: 18 Mar 2017 2:53

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC060

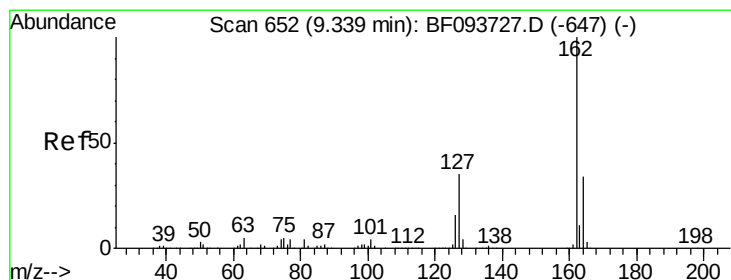
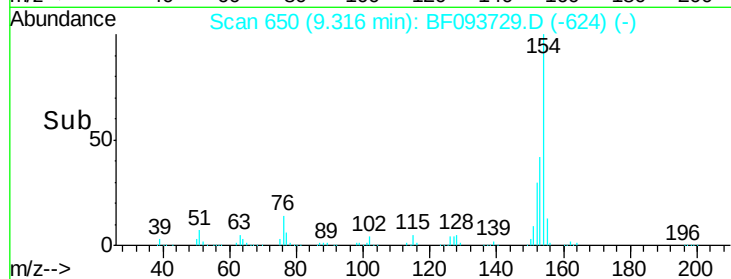
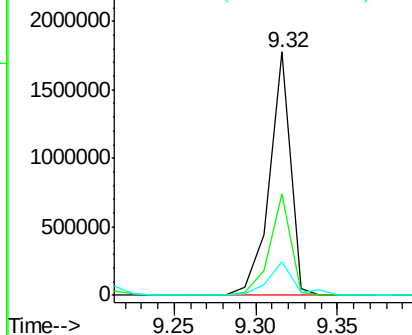
Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.8	21.2	61.2
76	13.8	0.0	29.9

Manual Integrations
 APPROVED

mohammad
 3/20/2017 12:58:04 PM

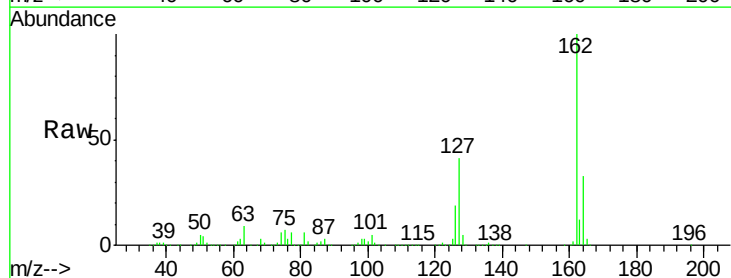


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

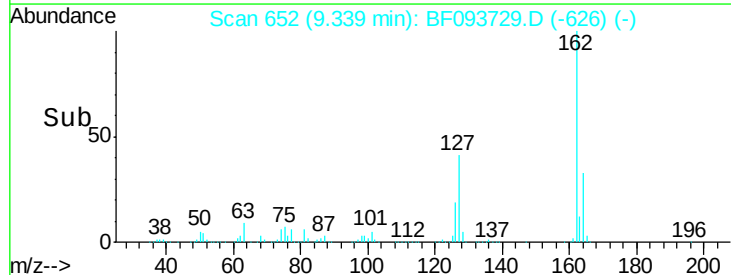
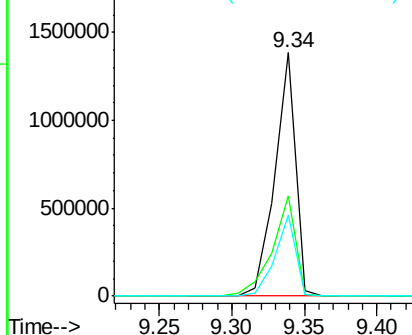


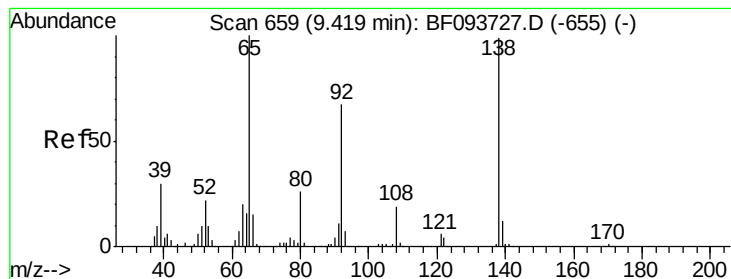
#46
 2-Chloronaphthalene
 Concen: 55.71 ng
 RT: 9.34 min Scan# 652
 Delta R.T. 0.00 min
 Lab File: BF093729.D
 Acq: 18 Mar 2017 2:53

Tgt Ion	Ratio	Lower	Upper
162	100		
127	41.0	28.3	42.5
164	33.5	27.0	40.4



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





#47

2-Nitroaniline

Concen: 71.75 ng

RT: 9.43 min Scan# 660

Delta R.T. 0.01 min

Lab File: BF093729.D

Acq: 18 Mar 2017 2:53

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

Tgt Ion: 65 Resp: 485513
Ion Ratio Lower Upper

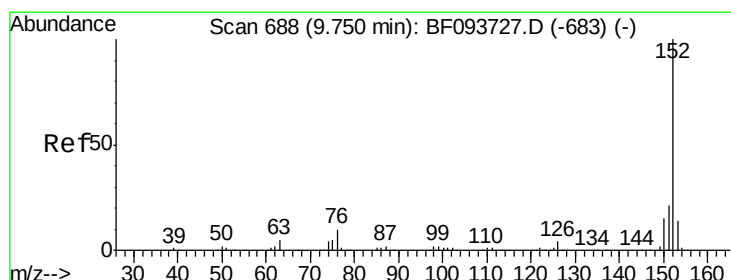
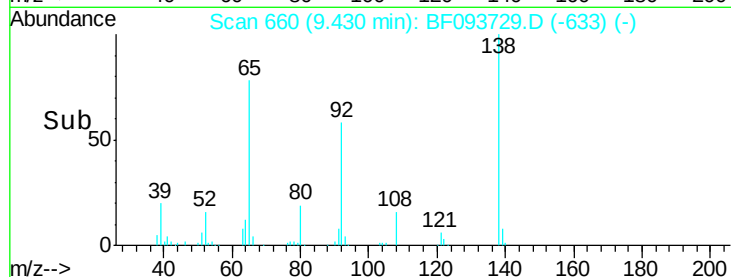
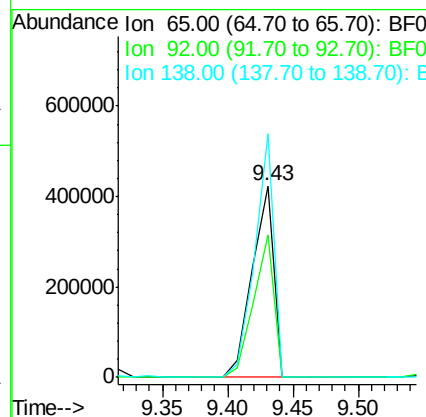
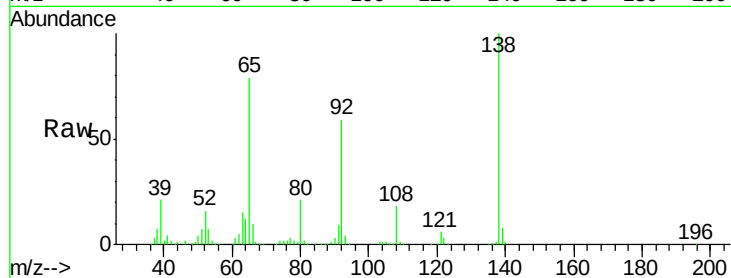
65 100

92 74.4 53.9 80.9

138 127.1 78.8 118.2#

Manual Integrations
APPROVED

mohammad
3/20/2017 12:58:04 PM



#48

Acenaphthylene

Concen: 50.26 ng

RT: 9.75 min Scan# 688

Delta R.T. -0.00 min

Lab File: BF093729.D

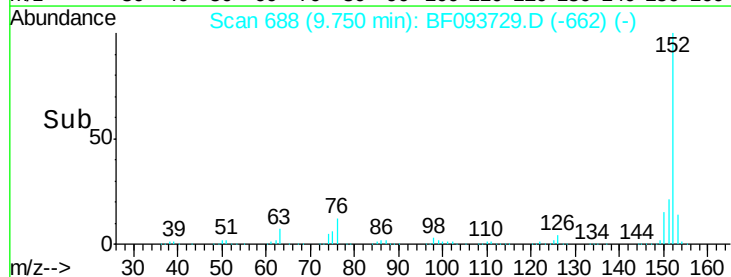
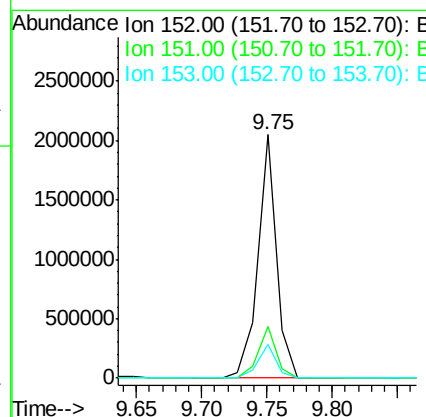
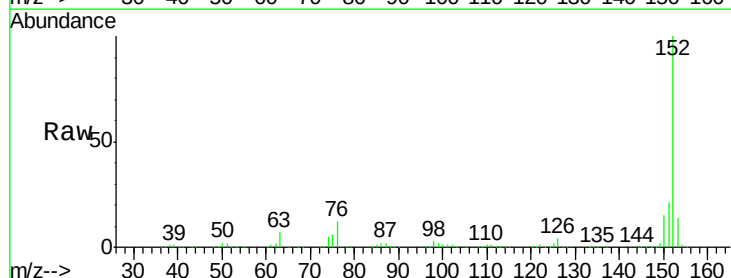
Acq: 18 Mar 2017 2:53

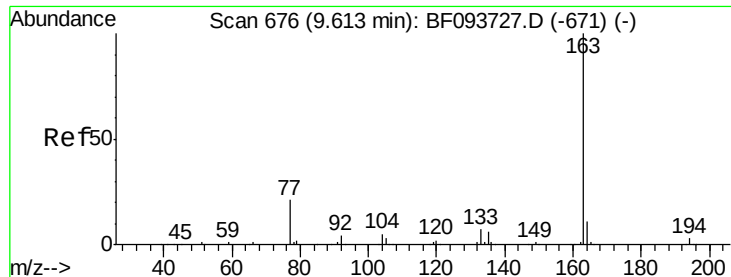
Tgt Ion: 152 Resp: 2037782
Ion Ratio Lower Upper

152 100

151 21.1 16.8 25.2

153 13.8 10.8 16.2





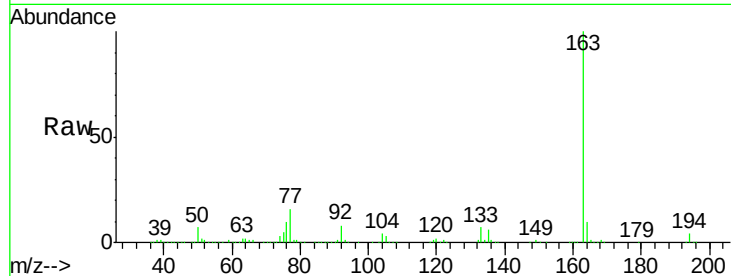
#49
Dimethylphthalate
Concen: 58.54 ng
RT: 9.62 min Scan# 677
Delta R.T. 0.01 min
Lab File: BF093729.D
Acq: 18 Mar 2017 2:53

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

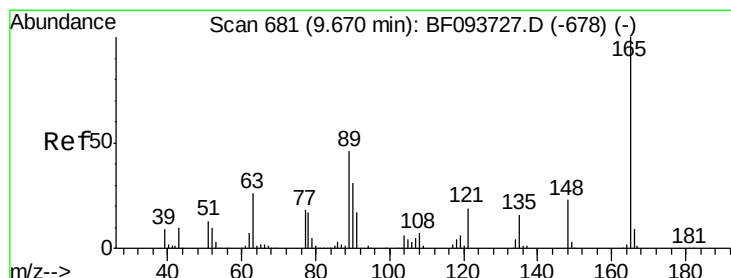
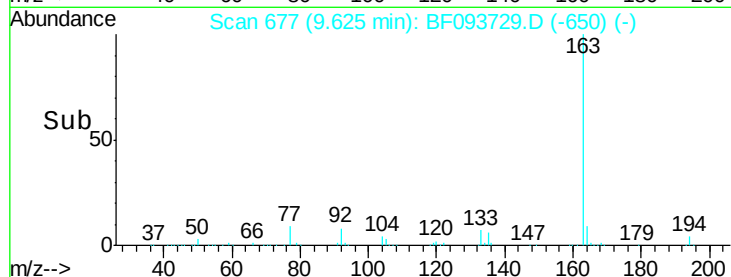
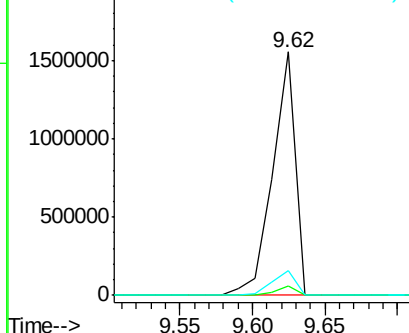
Tgt Ion:163 Resp: 1679763
Ion Ratio Lower Upper
163 100
194 3.7 2.6 4.0
164 10.1 8.4 12.6

Manual Integrations
APPROVED

mohammad
3/20/2017 12:58:04 PM

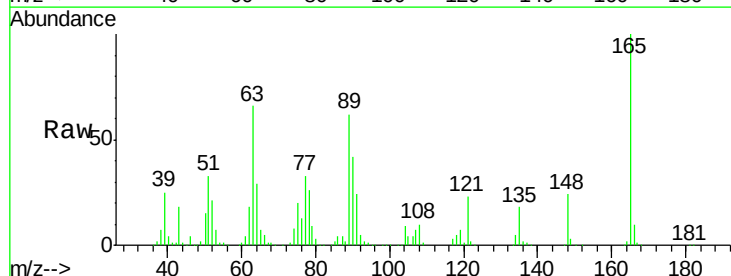


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

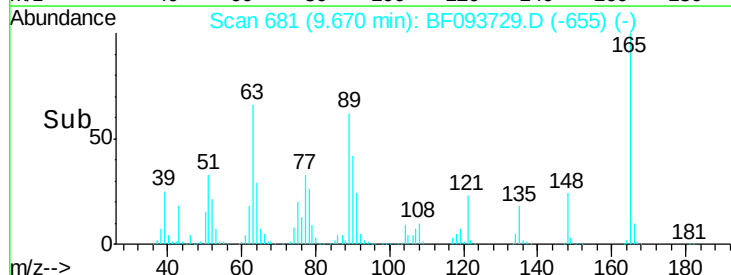
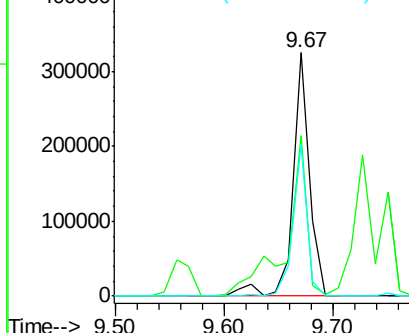


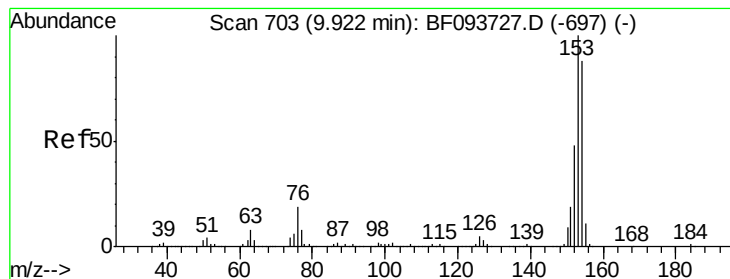
#50
2,6-Dinitrotoluene
Concen: 55.78 ng
RT: 9.67 min Scan# 681
Delta R.T. 0.00 min
Lab File: BF093729.D
Acq: 18 Mar 2017 2:53

Tgt Ion:165 Resp: 346018
Ion Ratio Lower Upper
165 100
63 65.6 34.3 51.5#
89 62.2 37.1 55.7#



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: 51.34 ng

RT: 9.92 min Scan# 703

Delta R.T. 0.00 min

Lab File: BF093729.D

Acq: 18 Mar 2017 2:53

Instrument :

BNA_F

ClientSampleId :

SSTDIC060

Tgt Ion:154 Resp: 1225171

Ion Ratio Lower Upper

154 100

153 112.7 90.5 135.7

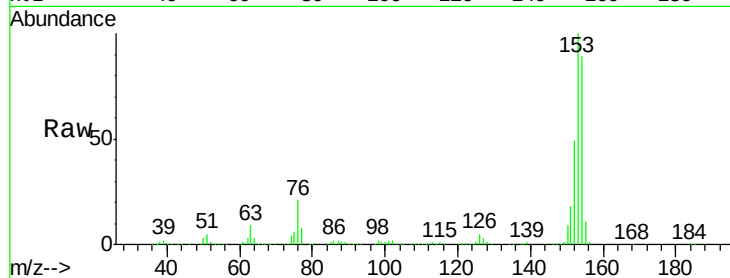
152 55.2 43.6 65.4

Manual Integrations

APPROVED

mohammad

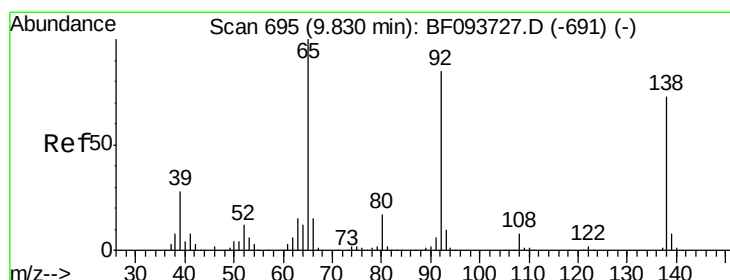
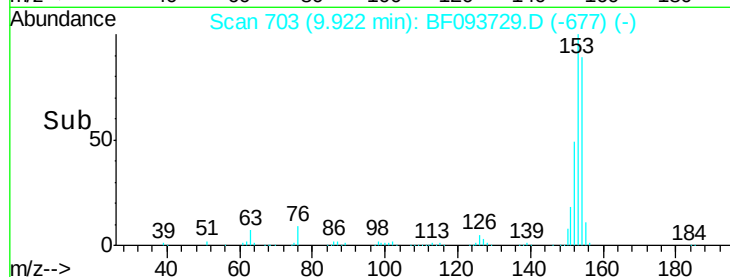
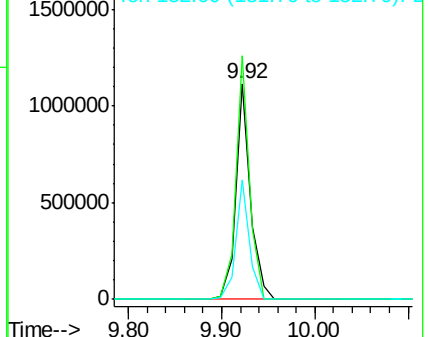
3/20/2017 12:58:04 PM



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 66.74 ng

RT: 9.84 min Scan# 696

Delta R.T. 0.01 min

Lab File: BF093729.D

Acq: 18 Mar 2017 2:53

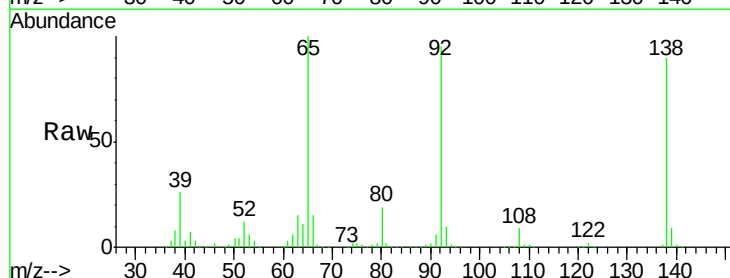
Tgt Ion:138 Resp: 477333

Ion Ratio Lower Upper

138 100

108 10.3 9.1 13.7

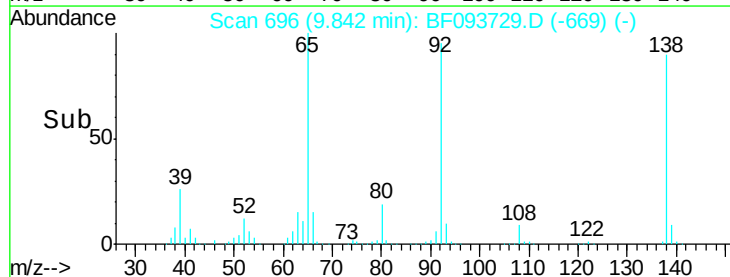
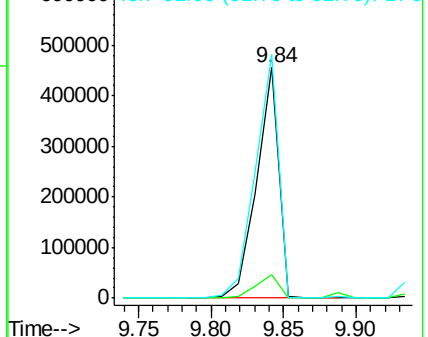
92 105.8 93.8 140.6

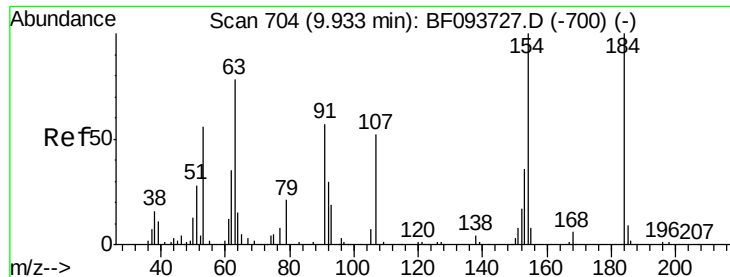


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0





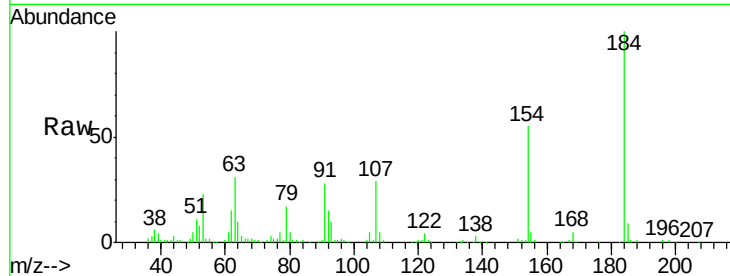
#53
 2,4-Dinitrophenol
 Concen: 94.65 ng
 RT: 9.94 min Scan# 705
 Delta R.T. 0.01 min
 Lab File: BF093729.D
 Acq: 18 Mar 2017 2:53

Instrument :
 BNA_F
 ClientSampled :
 SSTDICC060

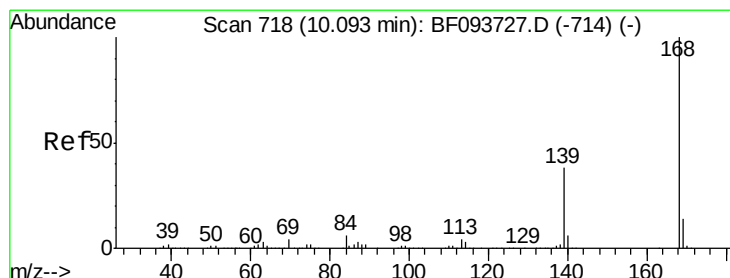
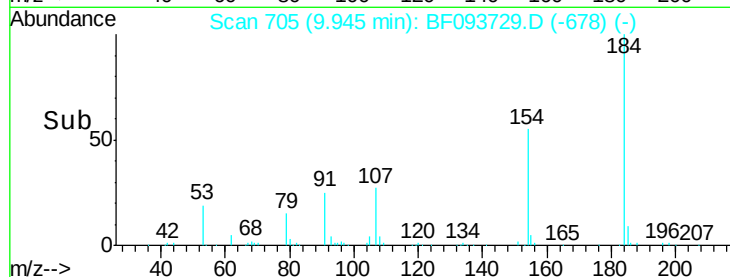
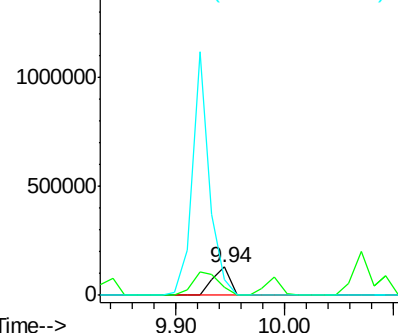
Tgt Ion	Ratio	Resp	Lower	Upper
184	100	148386		
63	30.6	62.7	94.1#	
154	54.9	81.1	121.7#	

Manual Integrations
 APPROVED

mohammad
 3/20/2017 12:58:04 PM



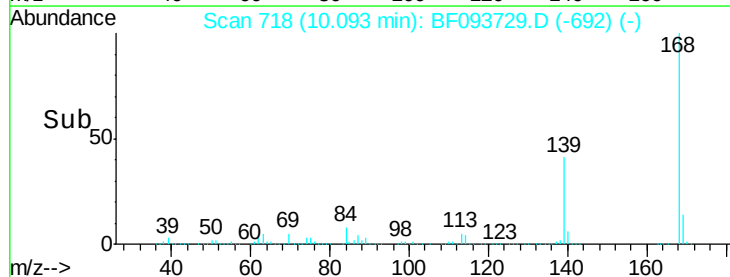
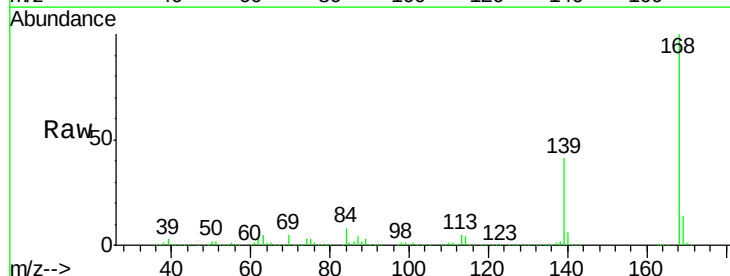
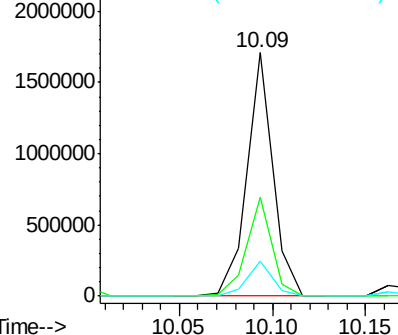
Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 154.00 (153.70 to 154.70): E

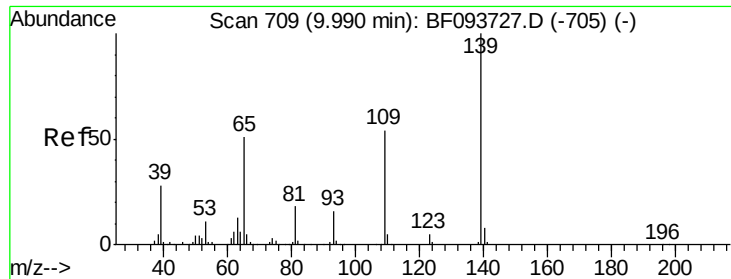


#54
 Dibenzofuran
 Concen: 50.14 ng
 RT: 10.09 min Scan# 718
 Delta R.T. -0.00 min
 Lab File: BF093729.D
 Acq: 18 Mar 2017 2:53

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	1630253		
139	40.7	30.6	45.8	
169	14.1	10.8	16.2	

Abundance Ion 168.00 (167.70 to 168.70): E
 Ion 139.00 (138.70 to 139.70): E
 Ion 169.00 (168.70 to 169.70): E





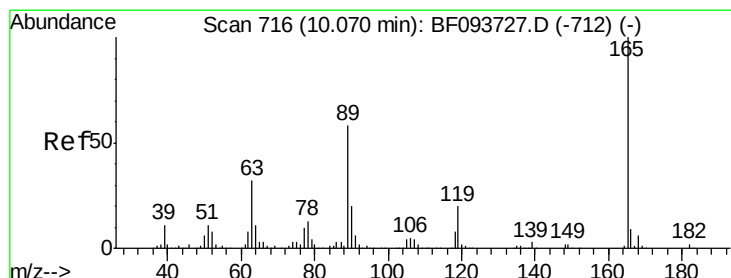
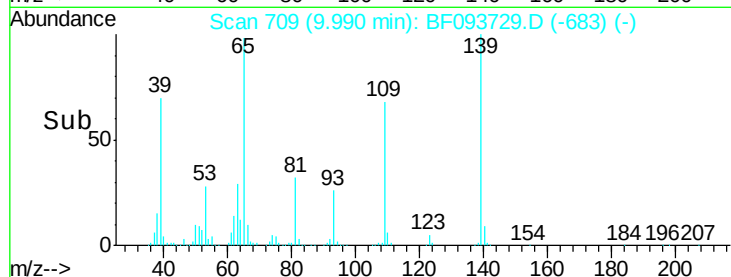
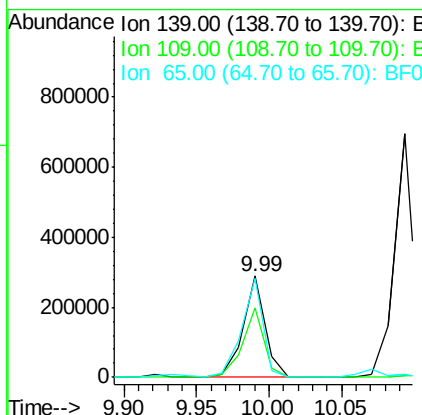
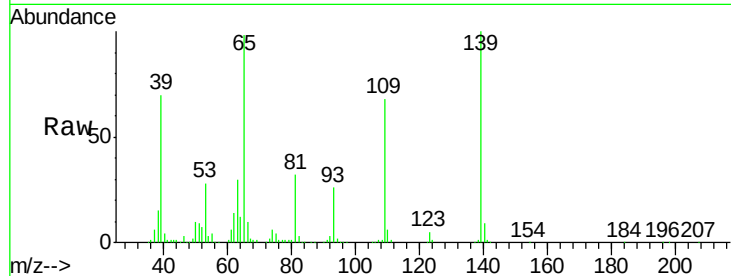
#55
4-Nitrophenol
Concen: 61.44 ng
RT: 9.99 min Scan# 709
Delta R.T. -0.00 min
Lab File: BF093729.D
Acq: 18 Mar 2017 2:53

Instrument :
BNA_F
ClientSampleId :
SSTDIC060

Tgt Ion	Ratio	Resp Lower	Resp Upper
139	100		
109	68.1	34.1	74.1
65	98.5	31.4	71.4

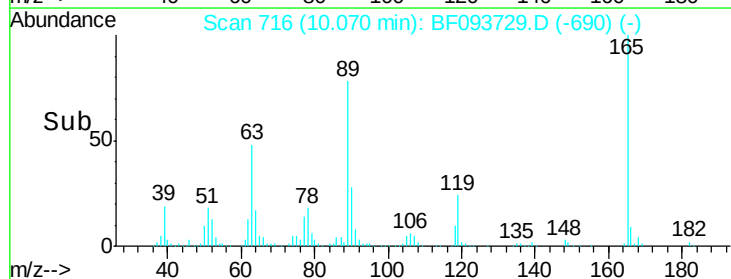
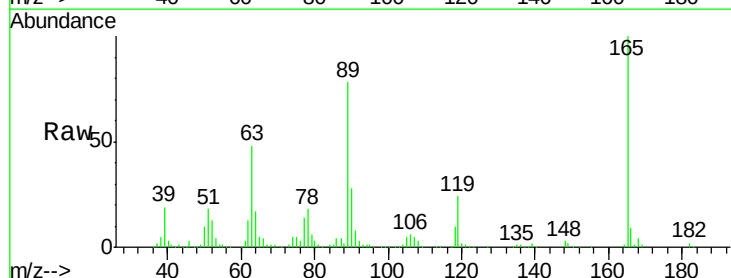
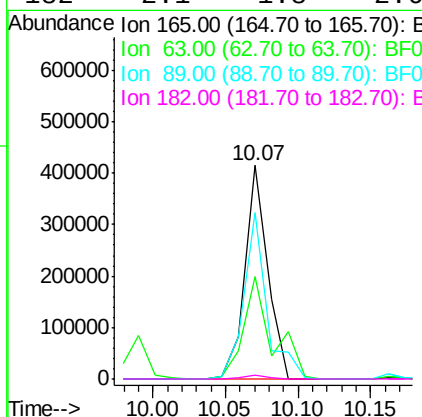
Manual Integrations
APPROVED

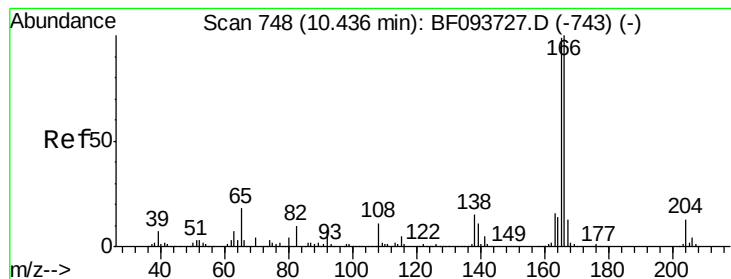
mohammad
3/20/2017 12:58:04 PM



#56
2,4-Dinitrotoluene
Concen: 64.17 ng
RT: 10.07 min Scan# 716
Delta R.T. 0.00 min
Lab File: BF093729.D
Acq: 18 Mar 2017 2:53

Tgt Ion	Ratio	Resp Lower	Resp Upper
165	100		
63	48.1	25.4	38.0
89	77.7	46.4	69.6
182	2.1	1.8	2.6





#57

Fluorene

Concen: 47.79 ng

RT: 10.44 min Scan# 748

Delta R.T. 0.00 min

Lab File: BF093729.D

Acq: 18 Mar 2017 2:53

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

Tgt Ion:166 Resp: 1185994

Ion Ratio Lower Upper

166 100

165 99.7 78.8 118.2

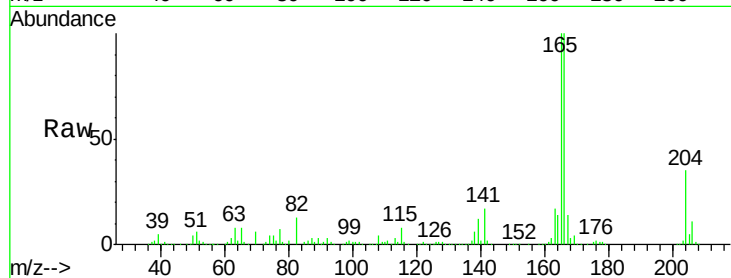
167 13.7 10.6 16.0

Manual Integrations

APPROVED

mohammad

3/20/2017 12:58:04 PM

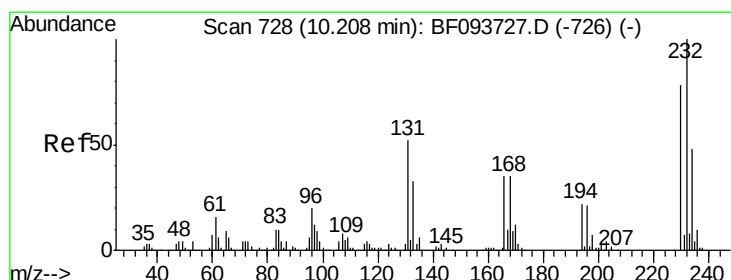
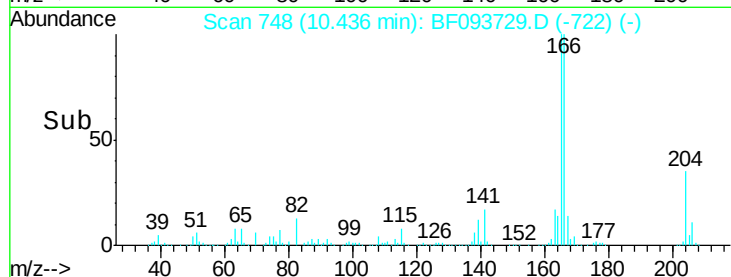
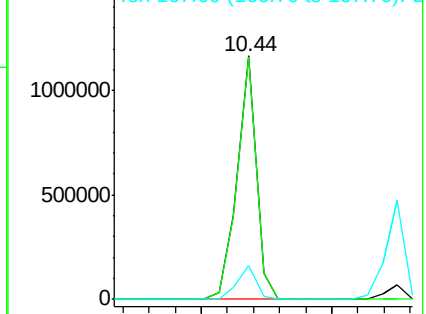


Abundance

Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 57.14 ng

RT: 10.21 min Scan# 728

Delta R.T. -0.00 min

Lab File: BF093729.D

Acq: 18 Mar 2017 2:53

Tgt Ion:232 Resp: 299595

Ion Ratio Lower Upper

232 100

131 56.0 44.8 67.2

130 2.9 2.3 3.5

166 37.7 29.0 43.4

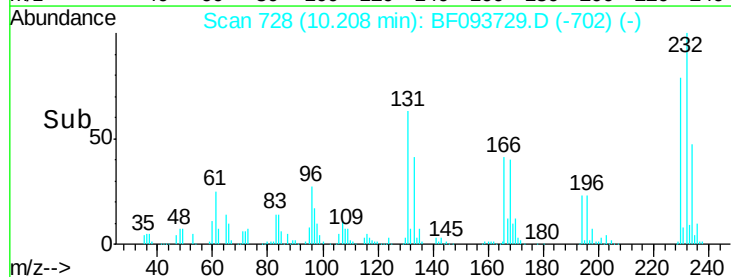
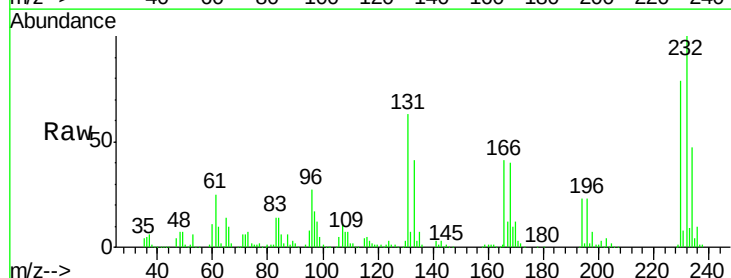
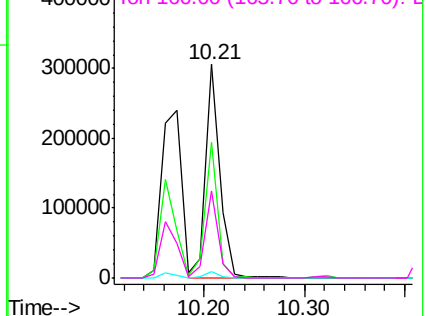
Abundance

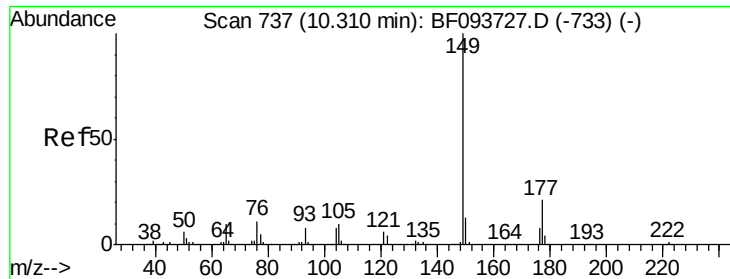
Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E





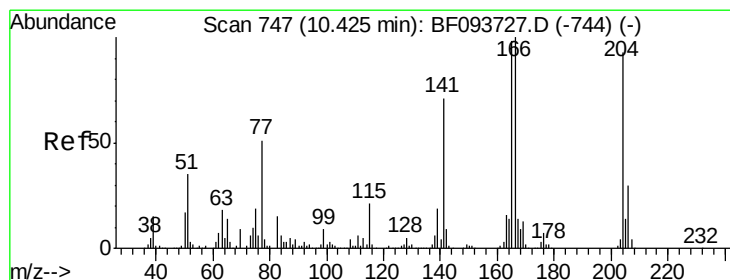
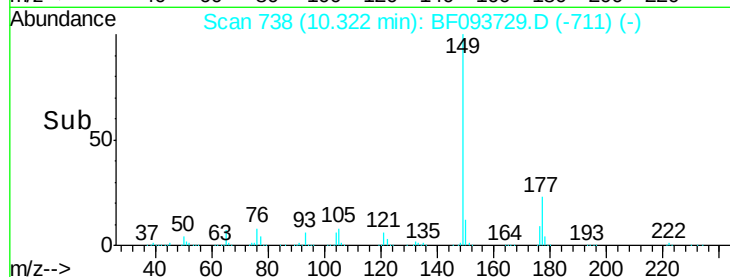
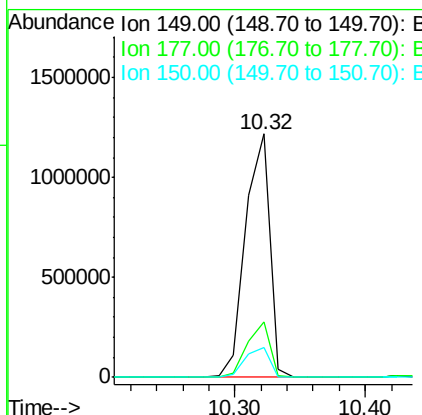
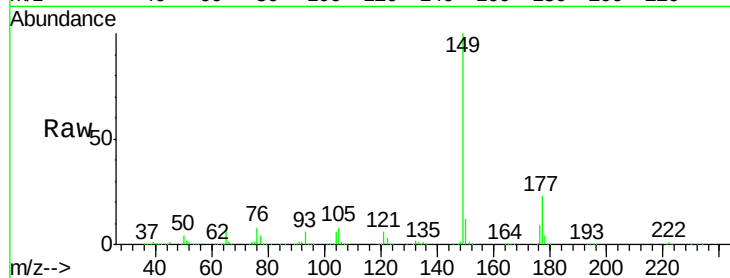
#59
Diethylphthalate
Concen: 57.54 ng
RT: 10.32 min Scan# 738
Delta R.T. 0.01 min
Lab File: BF093729.D
Acq: 18 Mar 2017 2:53

Instrument :
BNA_F
ClientSampleId :
SSTDIC060

Tgt Ion:149 Resp: 1570163
Ion Ratio Lower Upper
149 100
177 22.9 16.7 25.1
150 12.4 10.2 15.2

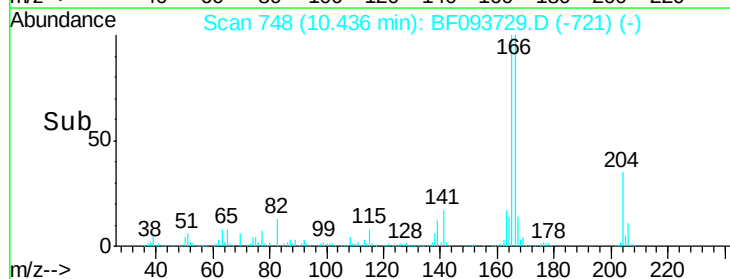
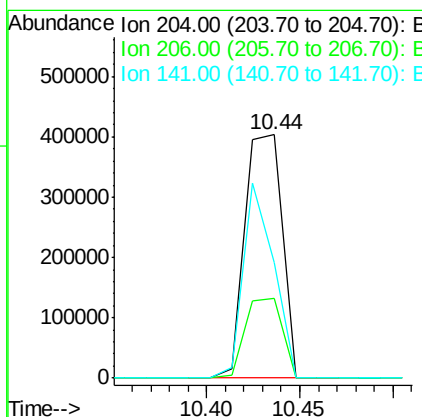
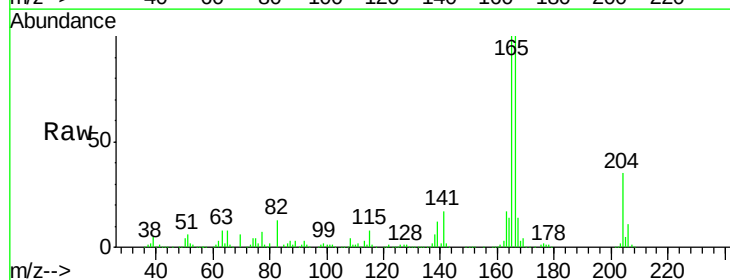
Manual Integrations
APPROVED

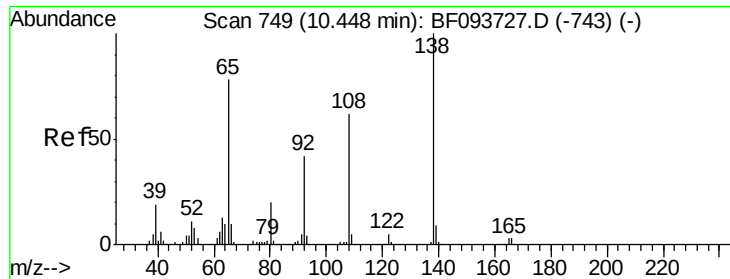
mohammad
3/20/2017 12:58:04 PM



#60
4-Chlorophenyl-phenylether
Concen: 54.11 ng
RT: 10.44 min Scan# 748
Delta R.T. 0.01 min
Lab File: BF093729.D
Acq: 18 Mar 2017 2:53

Tgt Ion:204 Resp: 559623
Ion Ratio Lower Upper
204 100
206 32.6 26.2 39.2
141 47.7 60.8 91.2#





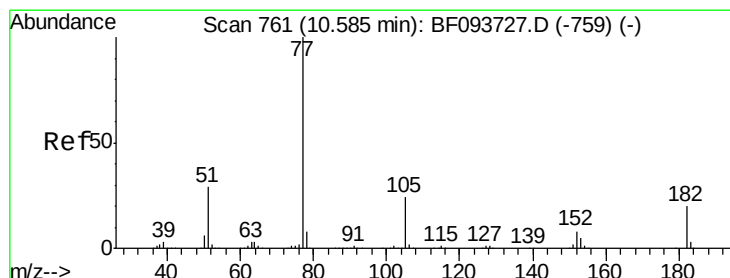
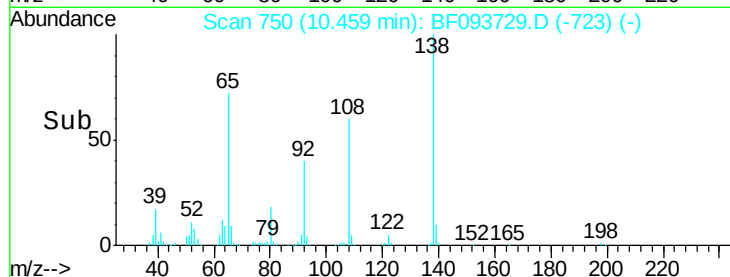
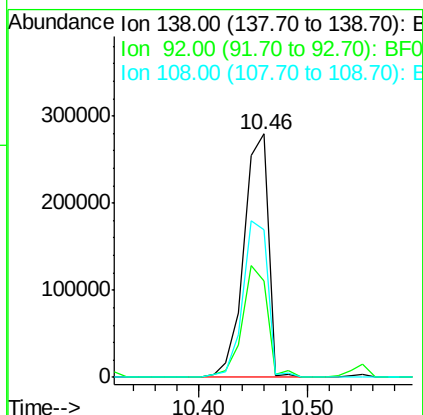
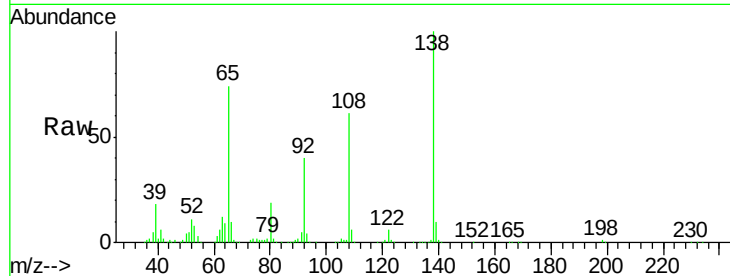
#61
4-Nitroaniline
Concen: 68.36 ng
RT: 10.46 min Scan# 750
Delta R.T. 0.01 min
Lab File: BF093729.D
Acq: 18 Mar 2017 2:53

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tgt Ion	Ratio	Resp	Lower	Upper
138	100	436798		
92	39.8	21.8	61.8	
108	60.8	42.3	82.3	

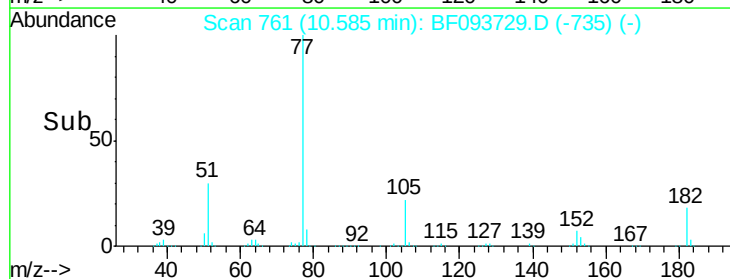
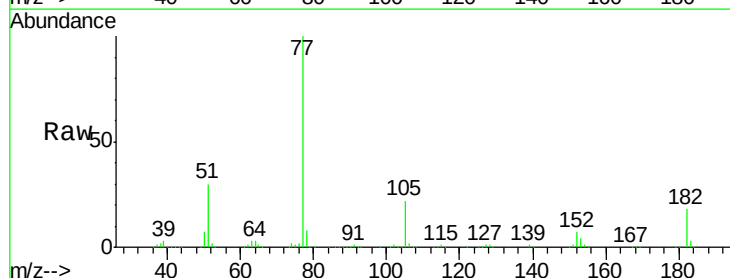
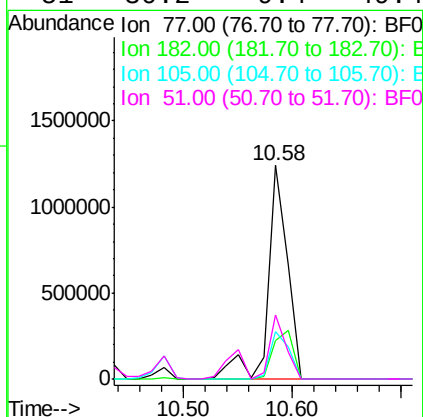
Manual Integrations
APPROVED

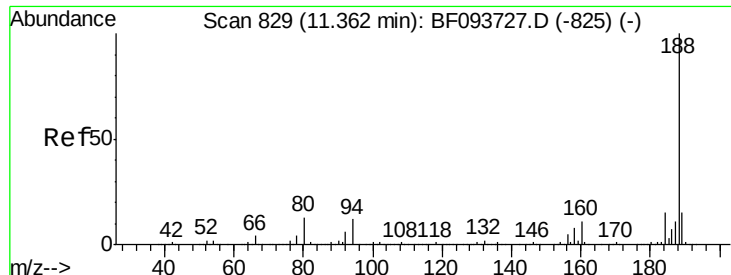
mohammad
3/20/2017 12:58:04 PM



#62
Azobenzene
Concen: 56.03 ng
RT: 10.58 min Scan# 761
Delta R.T. -0.00 min
Lab File: BF093729.D
Acq: 18 Mar 2017 2:53

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	1549328		
182	18.0	0.1	40.1	
105	22.3	3.6	43.6	
51	30.2	9.4	49.4	





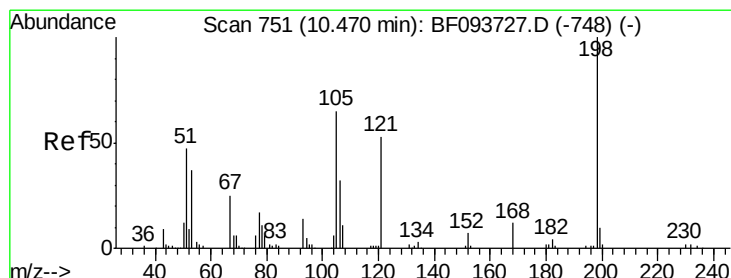
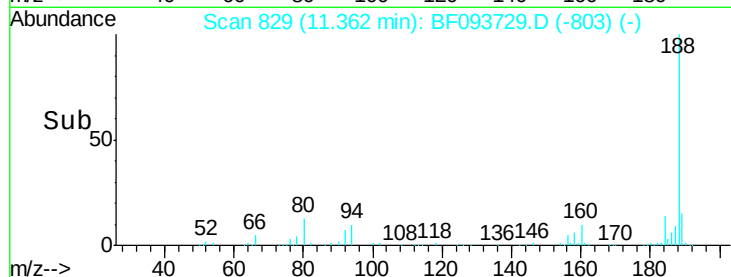
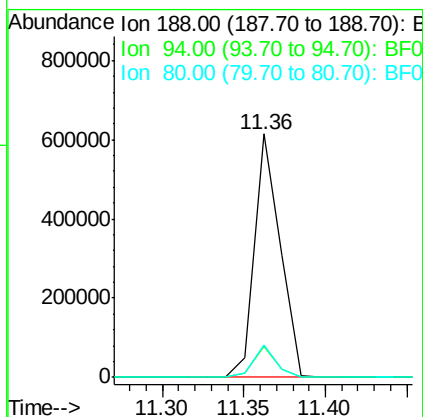
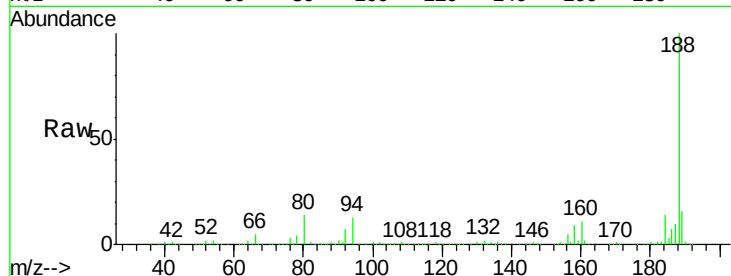
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.36 min Scan# 829
Delta R.T. -0.00 min
Lab File: BF093729.D
Acq: 18 Mar 2017 2:53

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tgt Ion	Ratio	Resp Lower	Resp Upper
188	100		
94	12.8	9.4	14.2
80	13.6	10.2	15.2

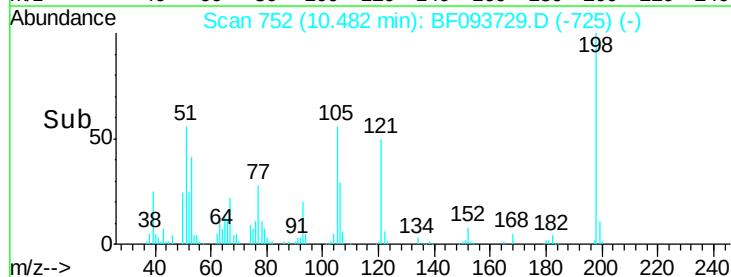
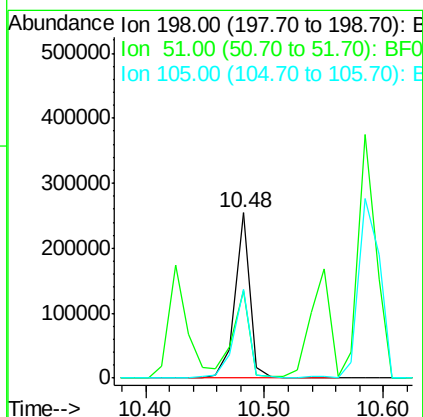
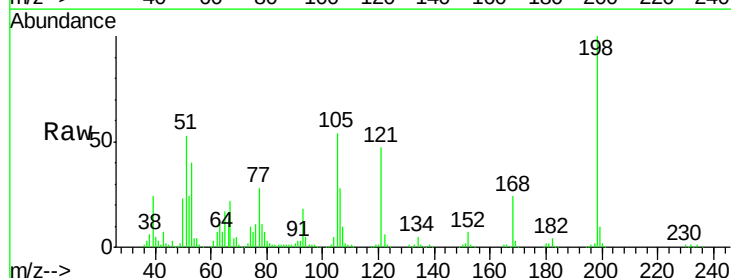
Manual Integrations
APPROVED

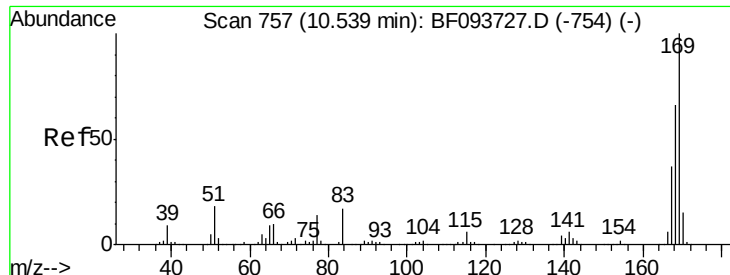
mohammad
3/20/2017 12:58:04 PM



#64
4,6-Dinitro-2-methylphenol
Concen: 76.34 ng
RT: 10.48 min Scan# 752
Delta R.T. 0.01 min
Lab File: BF093729.D
Acq: 18 Mar 2017 2:53

Tgt Ion	Ratio	Resp Lower	Resp Upper
198	100		
51	53.3	53.2	93.2
105	53.7	45.8	85.8





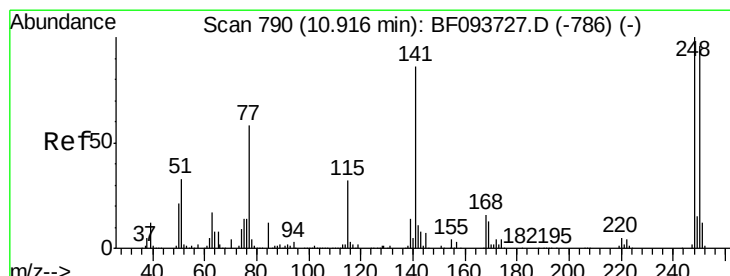
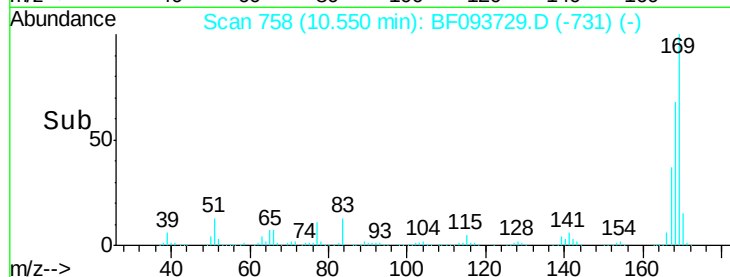
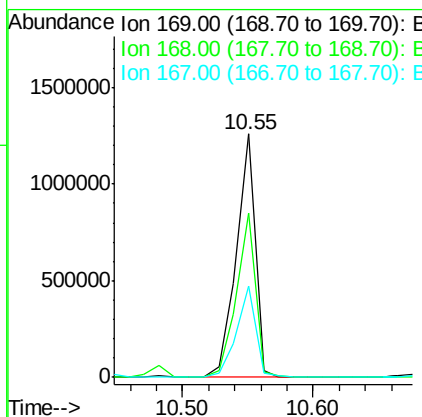
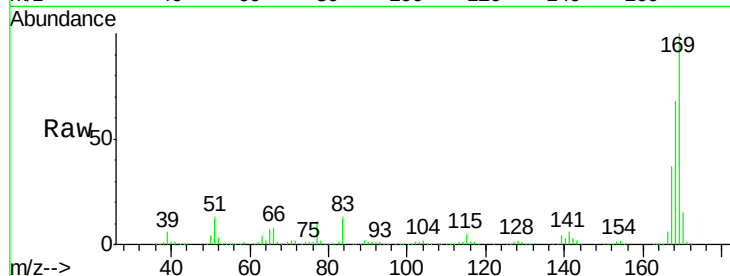
#65
 n-Nitrosodiphenylamine
 Concen: 57.45 ng
 RT: 10.55 min Scan# 758
 Delta R.T. 0.01 min
 Lab File: BF093729.D
 Acq: 18 Mar 2017 2:53

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC060

Tgt Ion:169 Resp: 1261375
 Ion Ratio Lower Upper
 169 100
 168 67.6 53.2 79.8
 167 37.4 29.5 44.3

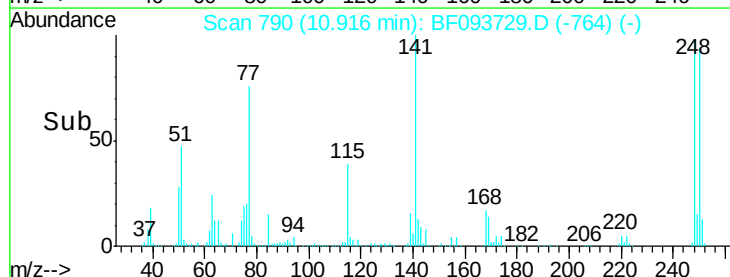
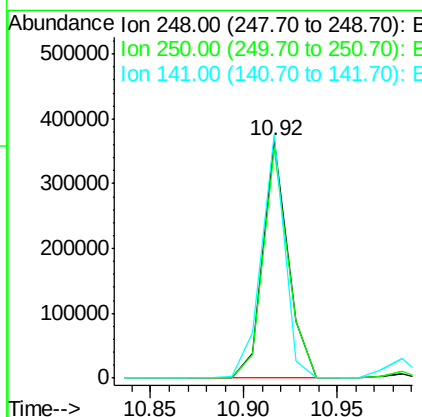
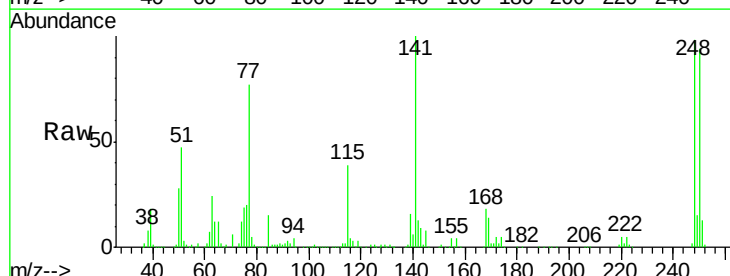
Manual Integrations
 APPROVED

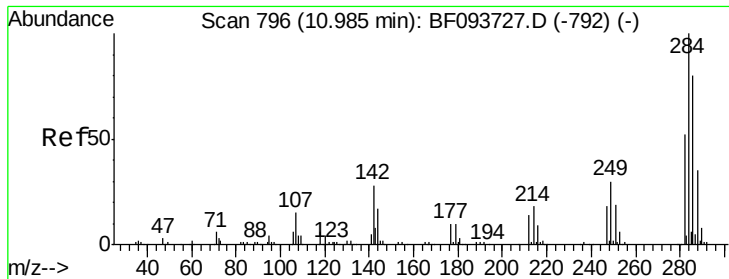
mohammad
 3/20/2017 12:58:04 PM



#66
 4-Bromophenyl-phenylether
 Concen: 51.95 ng
 RT: 10.92 min Scan# 790
 Delta R.T. 0.00 min
 Lab File: BF093729.D
 Acq: 18 Mar 2017 2:53

Tgt Ion:248 Resp: 339385
 Ion Ratio Lower Upper
 248 100
 250 96.5 76.8 115.2
 141 102.1 68.6 103.0





#67

Hexachlorobenzene

Concen: 53.27 ng

RT: 10.98 min Scan# 796

Delta R.T. 0.00 min

Lab File: BF093729.D

Acq: 18 Mar 2017 2:53

Instrument :

BNA_F

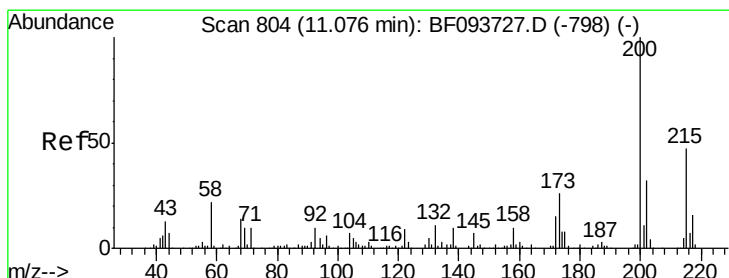
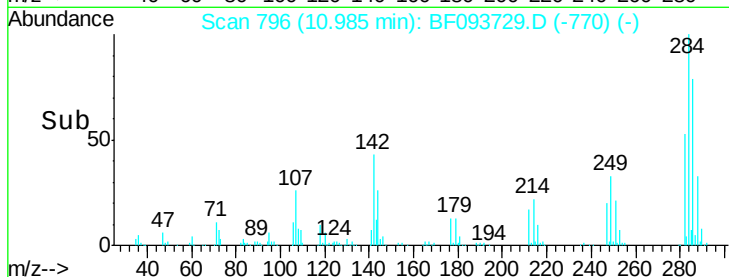
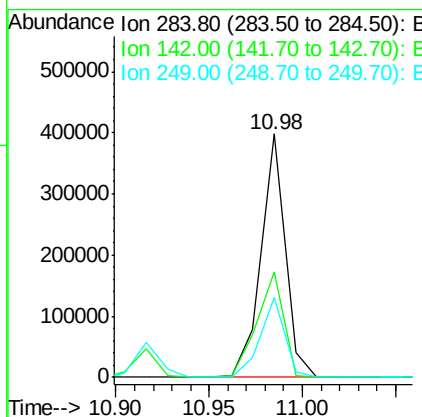
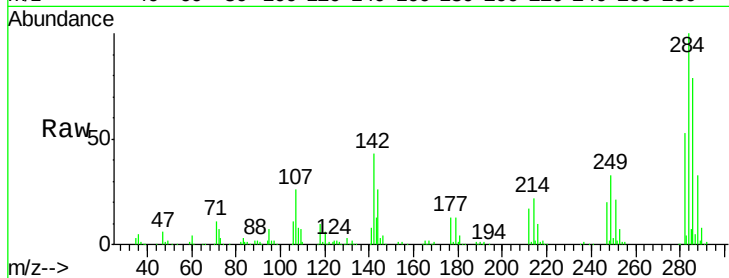
ClientSampleId :

SSTDICC060

Tgt Ion	Ratio	Resp	Lower	Upper
284	100	357020		
142	43.0	22.8	34.2#	
249	32.7	24.0	36.0	

Manual Integrations
APPROVED

mohammad
3/20/2017 12:58:04 PM



#68

Atrazine

Concen: 50.65 ng

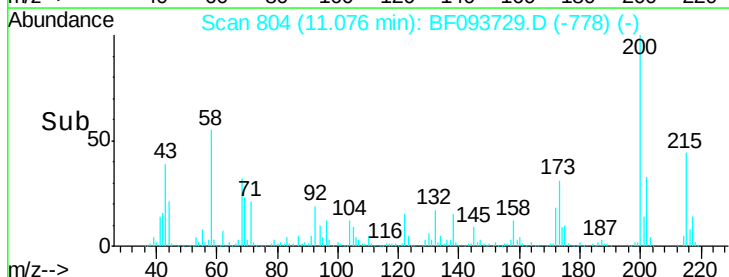
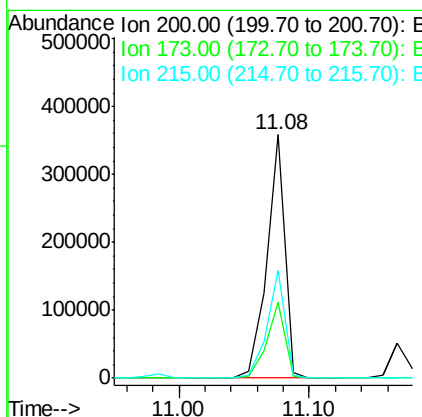
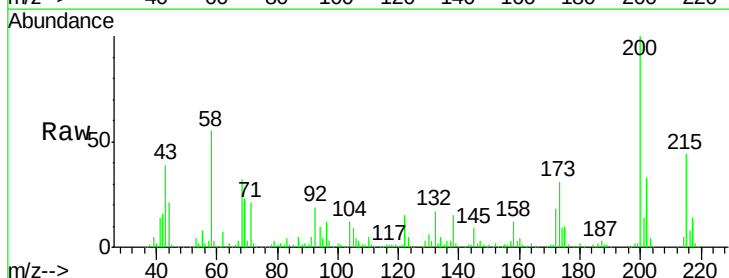
RT: 11.08 min Scan# 804

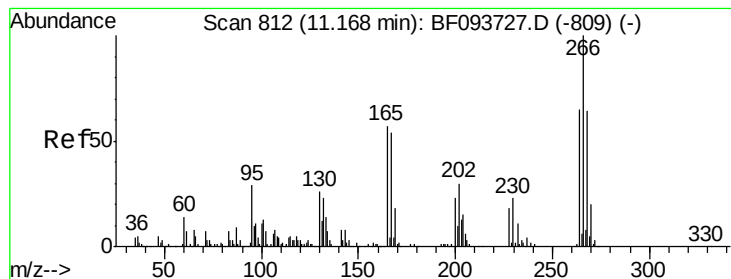
Delta R.T. 0.00 min

Lab File: BF093729.D

Acq: 18 Mar 2017 2:53

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	345493		
173	31.1	6.3	46.3	
215	44.3	27.2	67.2	





#69

Pentachlorophenol

Concen: 64.34 ng

RT: 11.17 min Scan# 812

Delta R.T. 0.00 min

Lab File: BF093729.D

Acq: 18 Mar 2017 2:53

Instrument :

BNA_F

ClientSampleId :

SSTDIC060

Tgt Ion:266 Resp: 233510

Ion Ratio Lower Upper

266 100

268 62.3 51.1 76.7

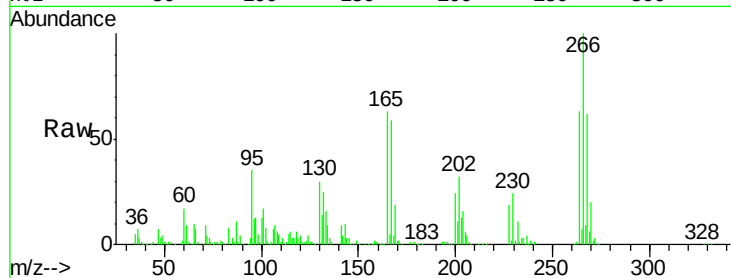
264 62.9 51.7 77.5

Manual Integrations

APPROVED

mohammad

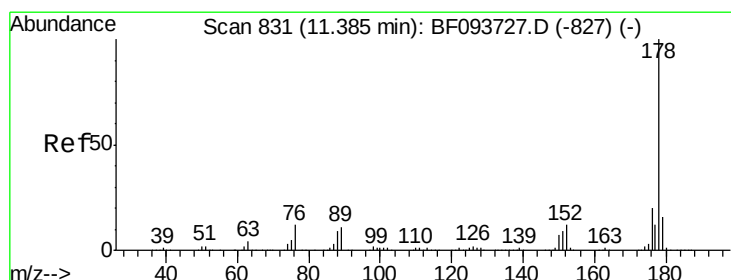
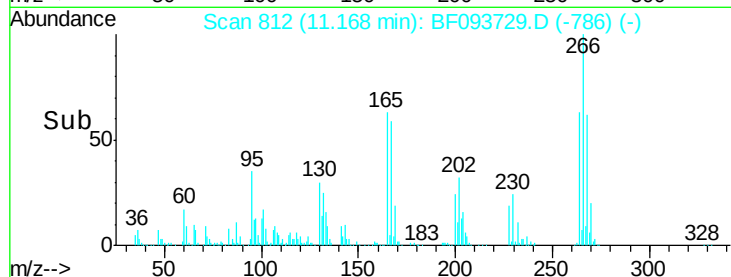
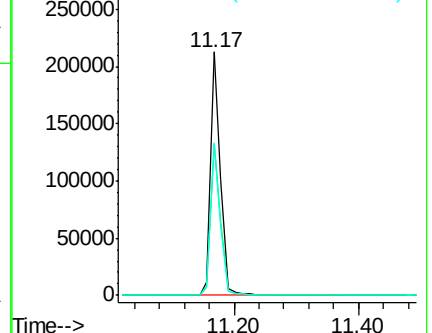
3/20/2017 12:58:04 PM



Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E



#70

Phenanthrene

Concen: 54.50 ng

RT: 11.40 min Scan# 832

Delta R.T. 0.01 min

Lab File: BF093729.D

Acq: 18 Mar 2017 2:53

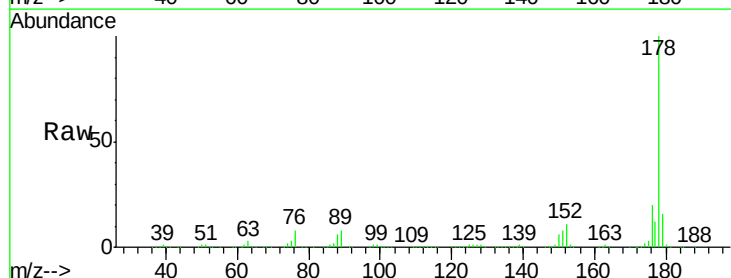
Tgt Ion:178 Resp: 2077348

Ion Ratio Lower Upper

178 100

176 20.4 16.2 24.4

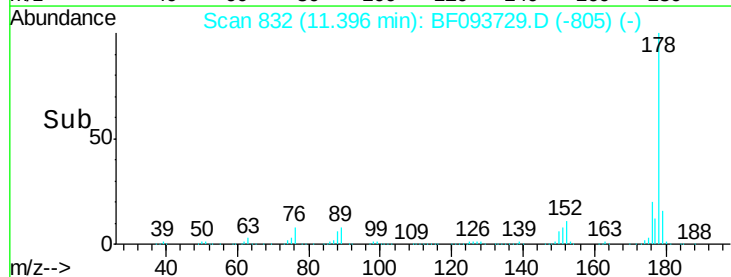
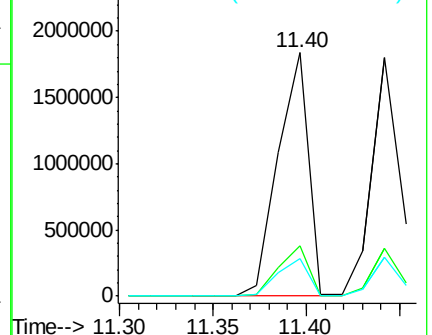
179 15.7 12.6 19.0

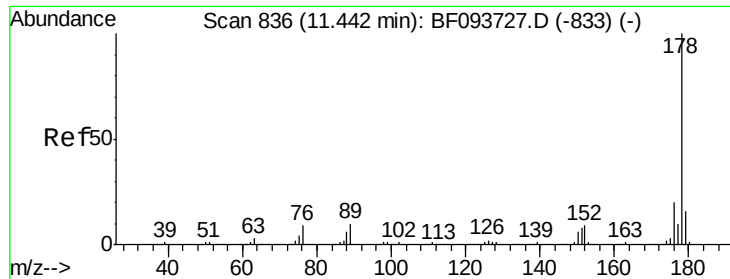


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

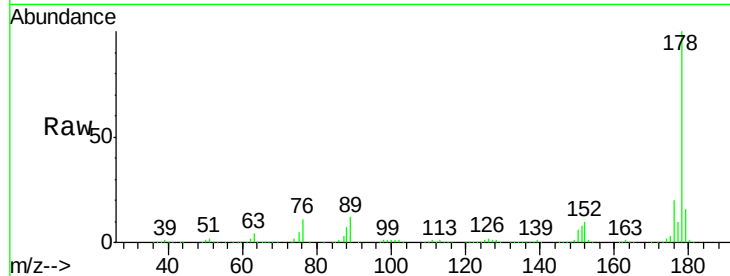
Ion 179.00 (178.70 to 179.70): E





#71
 Anthracene
 Concen: 50.90 ng
 RT: 11.44 min Scan# 836
 Delta R.T. 0.00 min
 Lab File: BF093729.D
 Acq: 18 Mar 2017 2:53

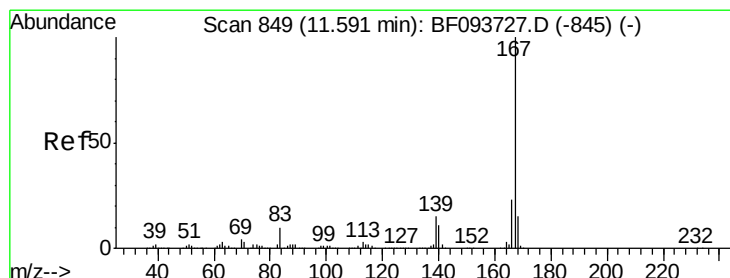
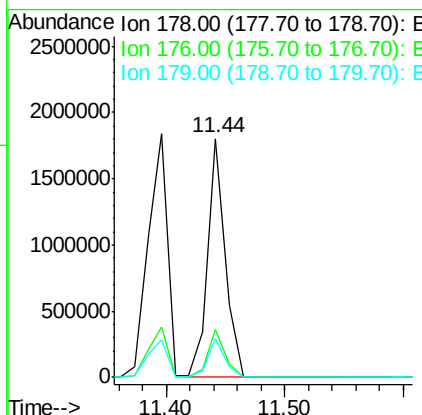
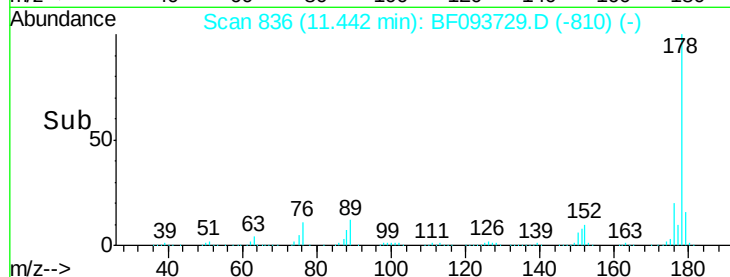
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC060



Tgt Ion:178 Resp: 1851538
 Ion Ratio Lower Upper
 178 100
 176 20.0 15.8 23.8
 179 16.2 12.7 19.1

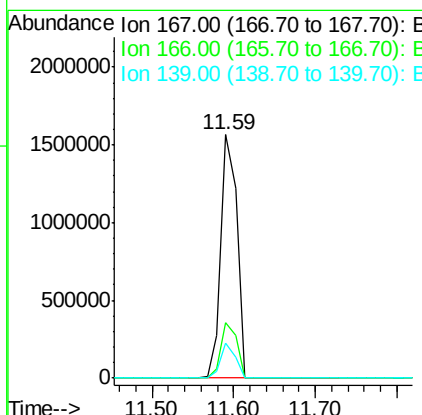
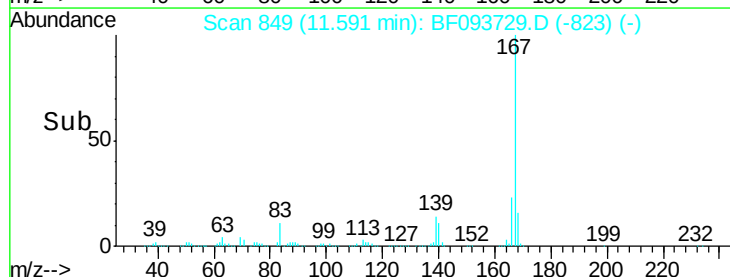
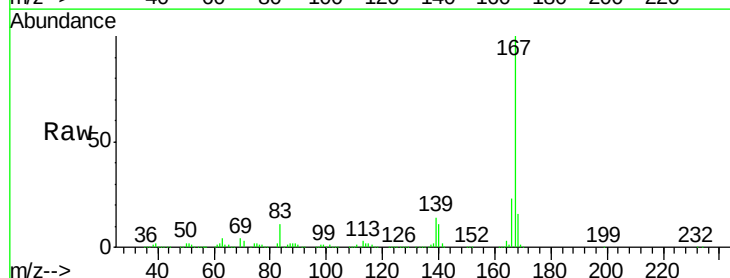
Manual Integrations
 APPROVED

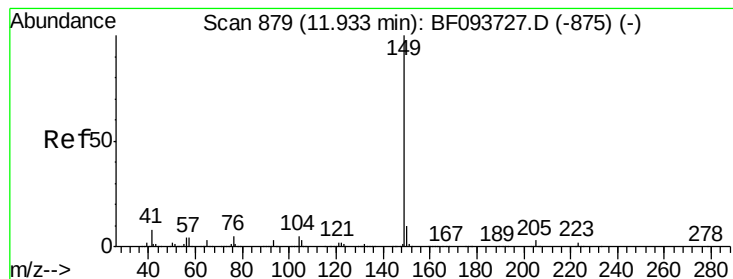
mohammad
 3/20/2017 12:58:04 PM



#72
 Carbazole
 Concen: 53.78 ng
 RT: 11.59 min Scan# 849
 Delta R.T. 0.00 min
 Lab File: BF093729.D
 Acq: 18 Mar 2017 2:53

Tgt Ion:167 Resp: 2121340
 Ion Ratio Lower Upper
 167 100
 166 22.7 18.1 27.1
 139 14.4 11.7 17.5





#73

Di-n-butylphthalate

Concen: 53.01 ng

RT: 11.93 min Scan# 879

Delta R.T. -0.00 min

Lab File: BF093729.D

Acq: 18 Mar 2017 2:53

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

Tgt Ion:149 Resp: 2105349

Ion Ratio Lower Upper

149 100

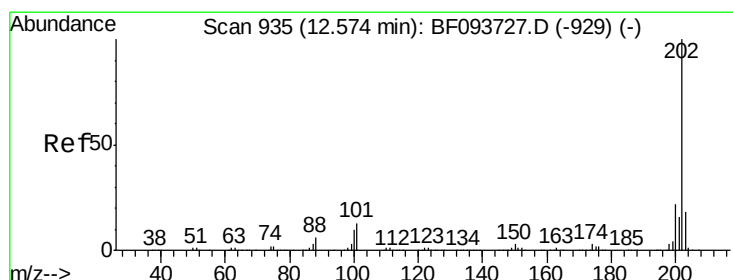
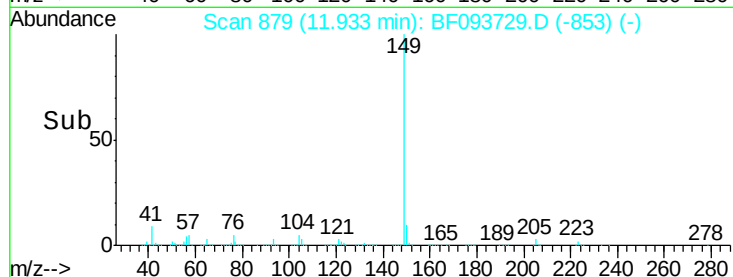
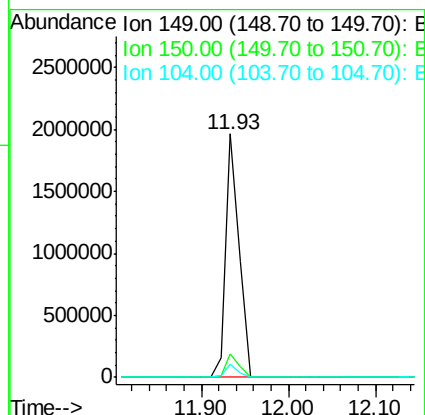
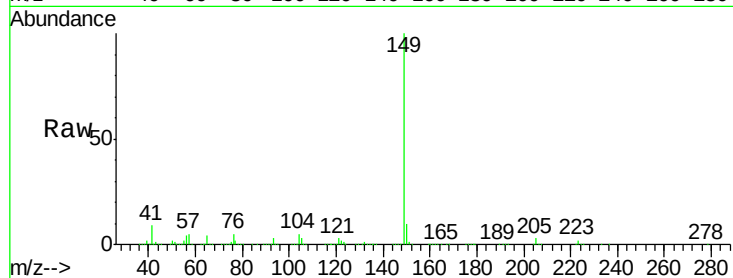
150 9.8 7.7 11.5

104 5.4 4.0 6.0

Manual Integrations
APPROVED

mohammad

3/20/2017 12:58:04 PM



#74

Fluoranthene

Concen: 47.14 ng

RT: 12.57 min Scan# 935

Delta R.T. -0.00 min

Lab File: BF093729.D

Acq: 18 Mar 2017 2:53

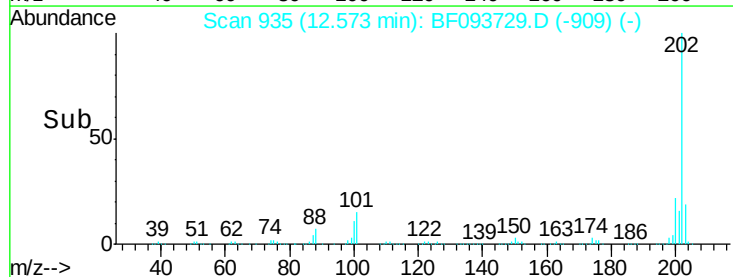
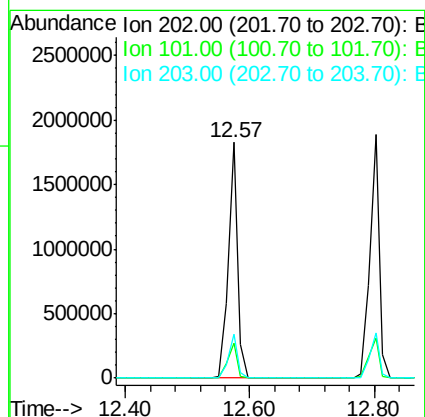
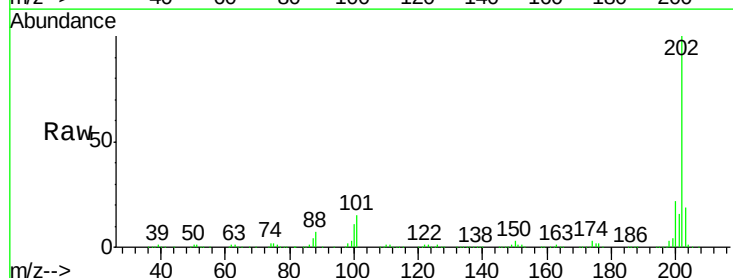
Tgt Ion:202 Resp: 1850381

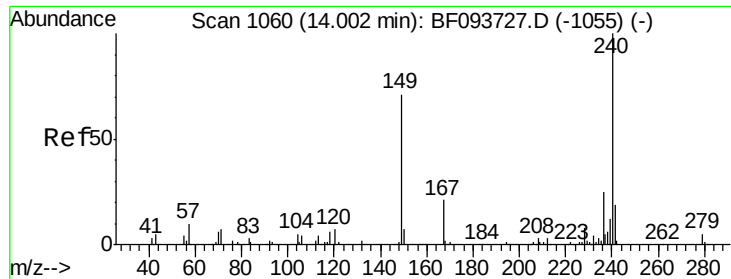
Ion Ratio Lower Upper

202 100

101 14.8 0.0 33.2

203 18.5 0.0 38.1





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.00 min Scan# 1060

Delta R.T. 0.00 min

Lab File: BF093729.D

Acq: 18 Mar 2017 2:53

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

Tgt Ion: 240 Resp: 379532

Ion Ratio Lower Upper

240 100

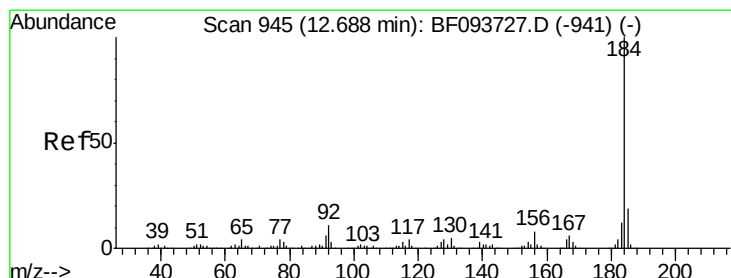
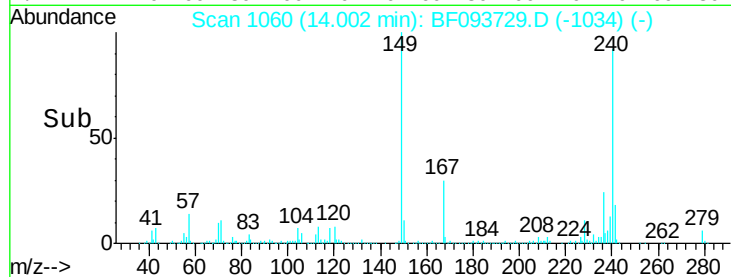
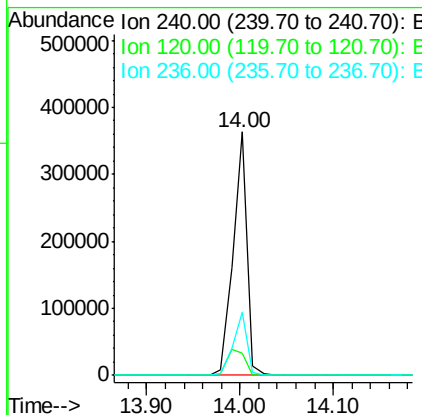
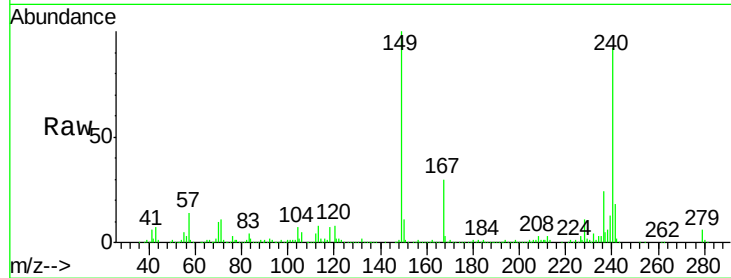
120 9.0 5.8 8.8#

236 26.0 20.5 30.7

Manual Integrations
APPROVED

mohammad

3/20/2017 12:58:04 PM



#76

Benzidine

Concen: 49.41 ng

RT: 12.69 min Scan# 945

Delta R.T. -0.00 min

Lab File: BF093729.D

Acq: 18 Mar 2017 2:53

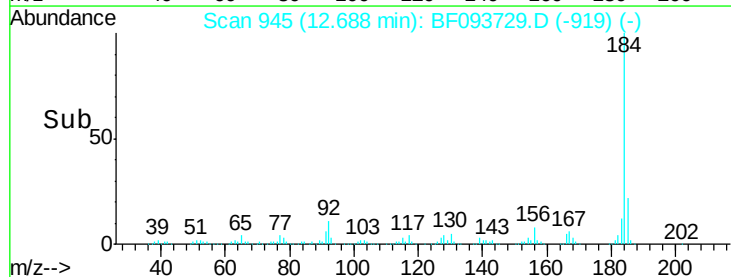
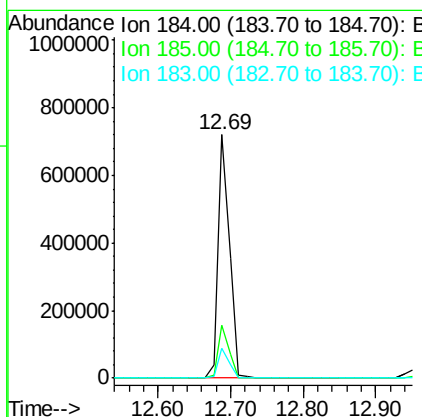
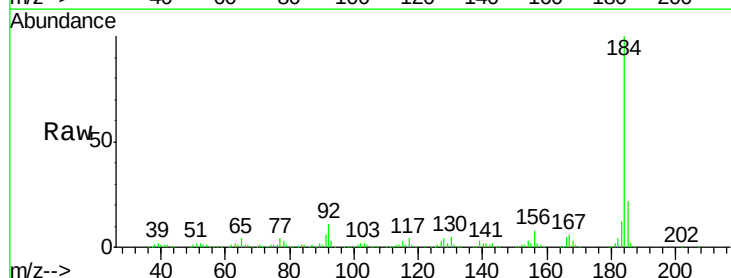
Tgt Ion: 184 Resp: 781755

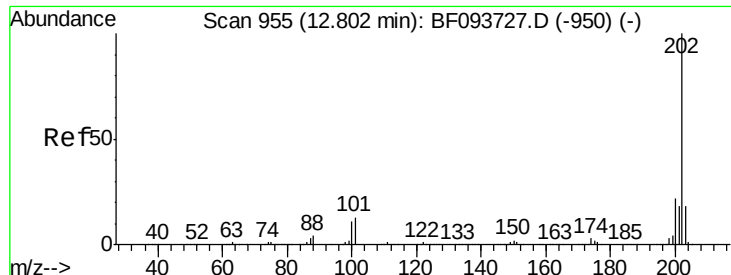
Ion Ratio Lower Upper

184 100

185 21.8 15.5 23.3

183 12.3 9.8 14.6





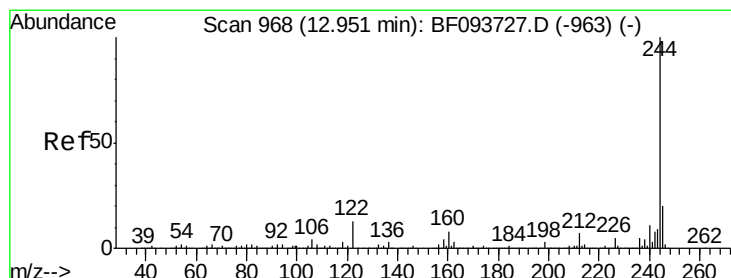
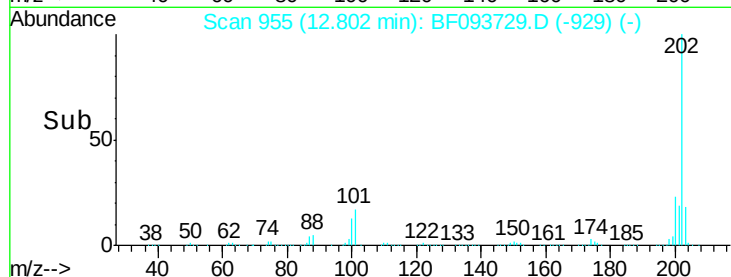
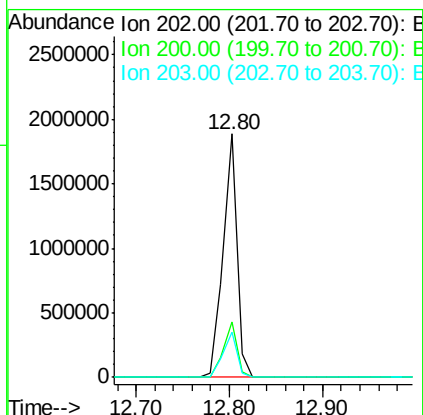
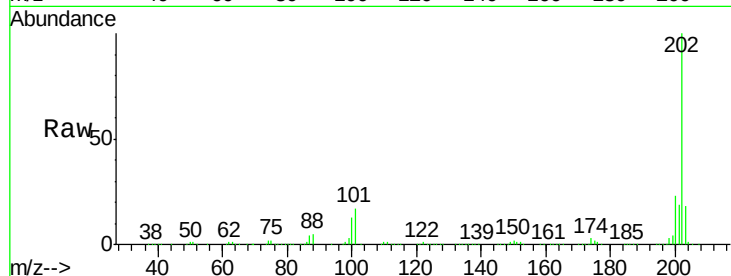
#77
Pyrene
 Concen: 61.23 ng
 RT: 12.80 min Scan# 955
 Delta R.T. 0.00 min
 Lab File: BF093729.D
 Acq: 18 Mar 2017 2:53

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC060

Tgt Ion	Ratio	Lower	Upper
202	100		
200	22.8	17.6	26.4
203	18.3	14.4	21.6

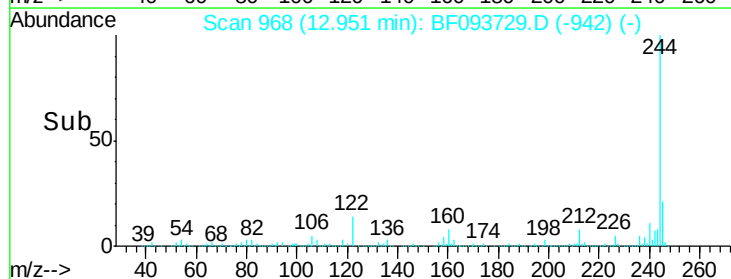
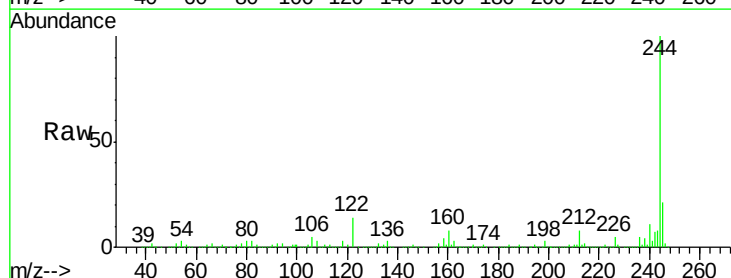
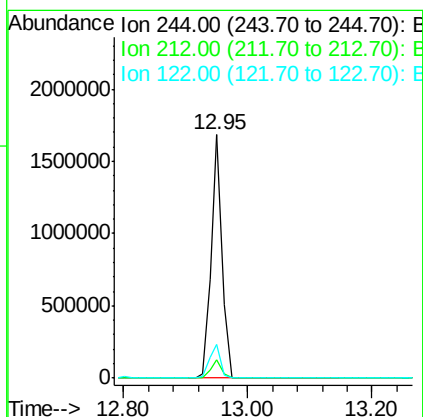
Manual Integrations
APPROVED

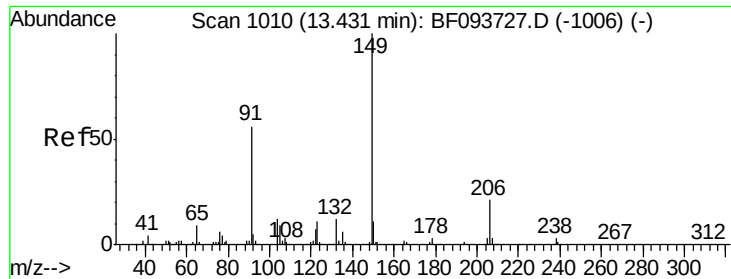
mohammad
 3/20/2017 12:58:04 PM



#78
Terphenyl-d14
 Concen: 112.92 ng
 RT: 12.95 min Scan# 968
 Delta R.T. -0.00 min
 Lab File: BF093729.D
 Acq: 18 Mar 2017 2:53

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.6	6.0	9.0
122	13.7	10.3	15.5





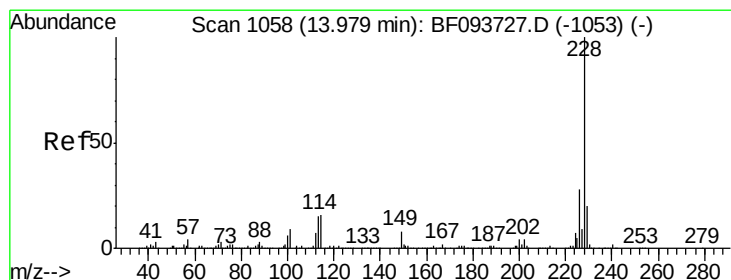
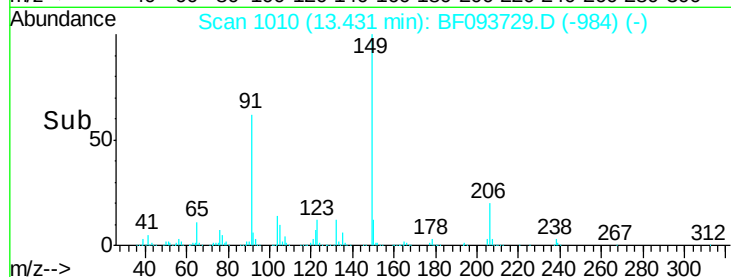
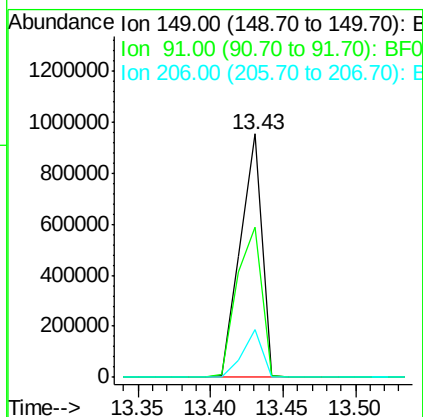
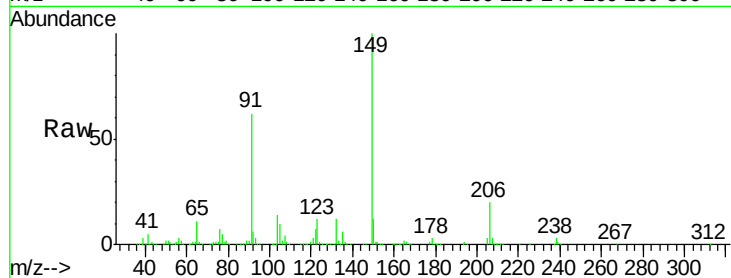
#79
Butylbenzylphthalate
Concen: 74.33 ng
RT: 13.43 min Scan# 1010
Delta R.T. 0.00 min
Lab File: BF093729.D
Acq: 18 Mar 2017 2:53

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	992882		
91	61.7	45.0	67.4	
206	19.8	17.0	25.6	

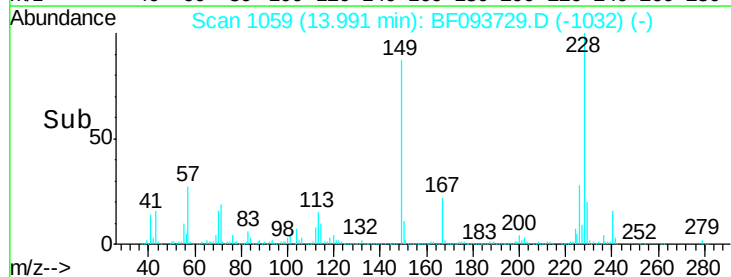
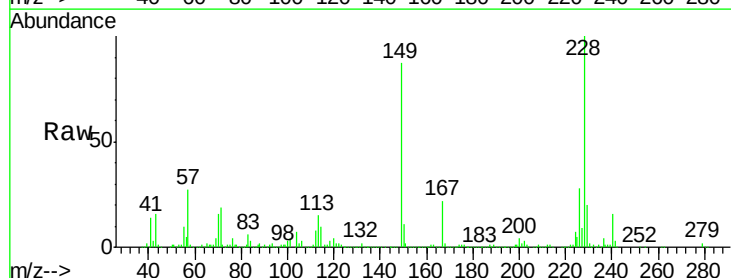
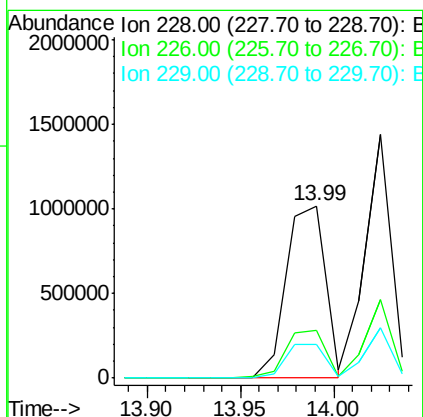
Manual Integrations
APPROVED

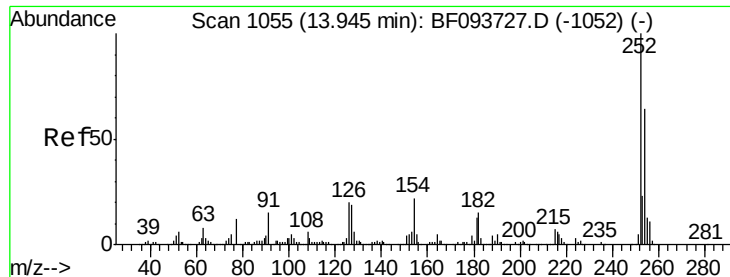
mohammad
3/20/2017 12:58:04 PM



#80
Benzo(a)anthracene
Concen: 61.22 ng
RT: 13.99 min Scan# 1059
Delta R.T. 0.01 min
Lab File: BF093729.D
Acq: 18 Mar 2017 2:53

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	1482848		
226	27.8	22.6	33.8	
229	19.6	16.3	24.5	





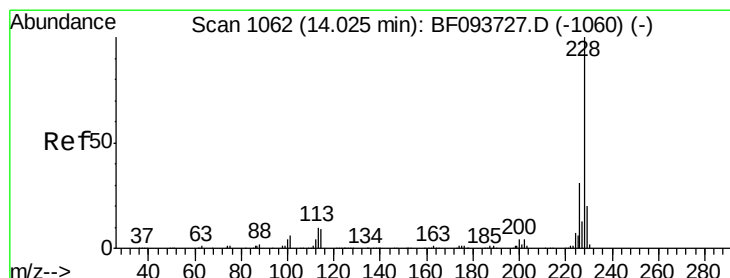
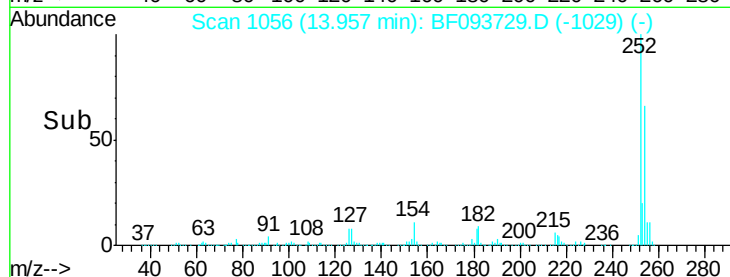
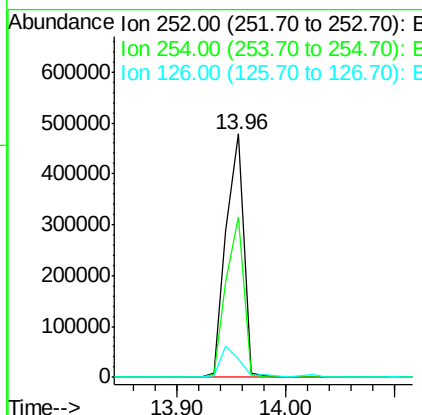
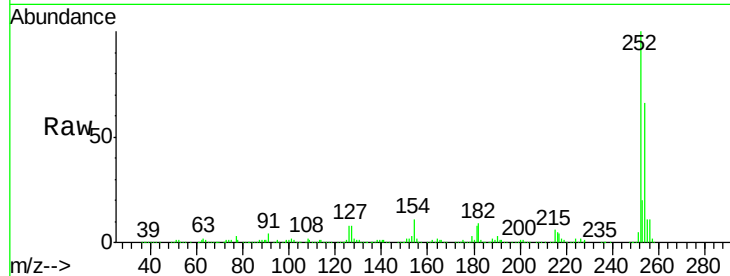
#81
 3,3'-Dichlorobenzidine
 Concen: 62.27 ng
 RT: 13.96 min Scan# 1056
 Delta R.T. 0.01 min
 Lab File: BF093729.D
 Acq: 18 Mar 2017 2:53

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC060

Tgt Ion	Ratio	Lower	Upper
252	100		
254	65.7	51.5	77.3
126	7.5	15.8	23.8

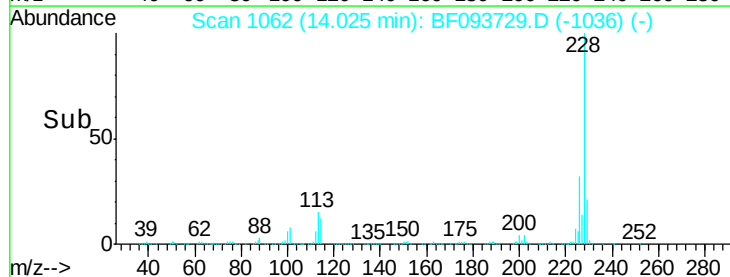
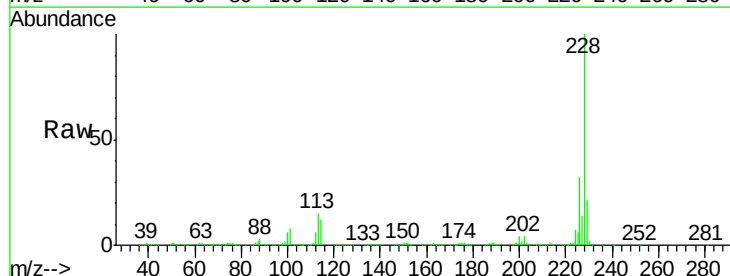
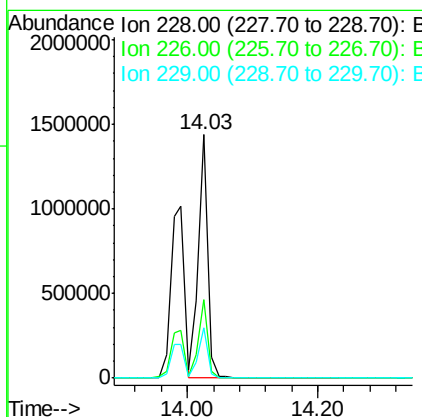
Manual Integrations
 APPROVED

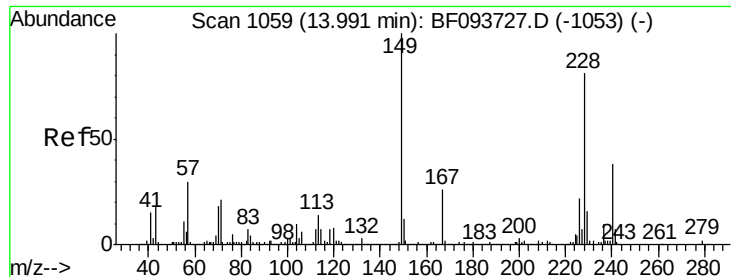
mohammad
 3/20/2017 12:58:04 PM



#82
 Chrysene
 Concen: 59.40 ng
 RT: 14.03 min Scan# 1062
 Delta R.T. 0.00 min
 Lab File: BF093729.D
 Acq: 18 Mar 2017 2:53

Tgt Ion	Ratio	Lower	Upper
228	100		
226	32.1	24.9	37.3
229	20.6	15.8	23.6





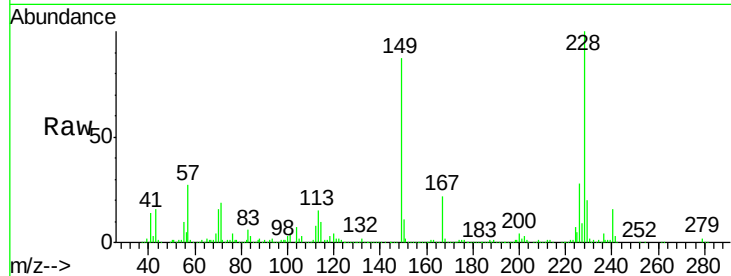
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 61.24 ng
 RT: 13.99 min Scan# 1059
 Delta R.T. -0.00 min
 Lab File: BF093729.D
 Acq: 18 Mar 2017 2:53

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC060

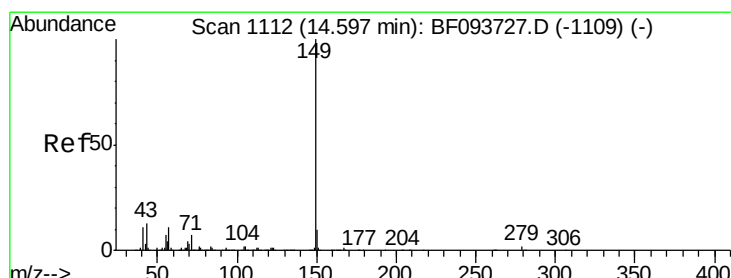
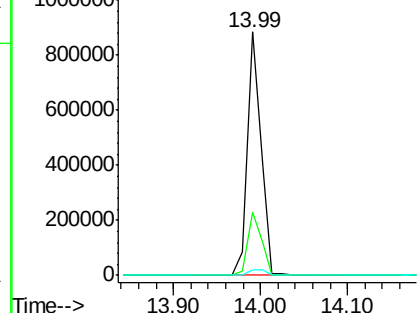
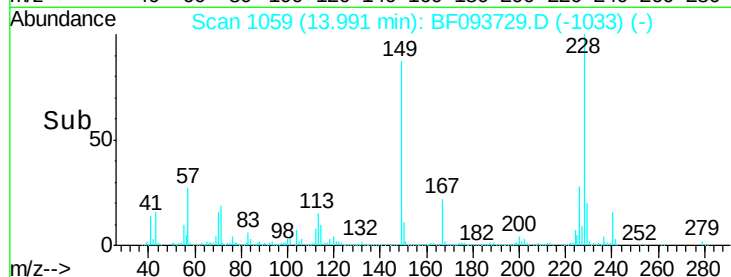
Tgt Ion	Ratio	Resp	Lower	Upper
149	100	951790		
167	25.8	21.0	31.4	
279	2.5	1.9	2.9	

Manual Integrations
 APPROVED

mohammad
 3/20/2017 12:58:04 PM

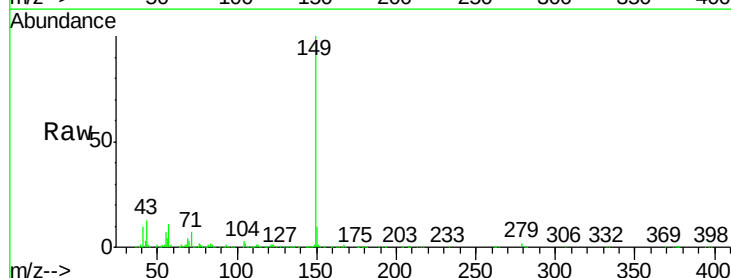


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

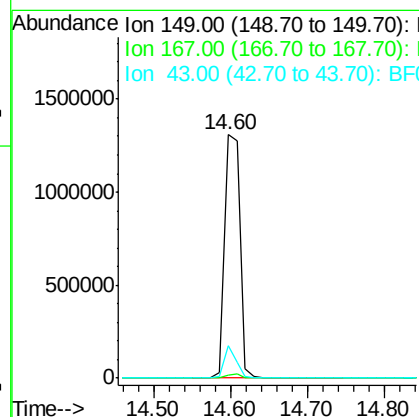
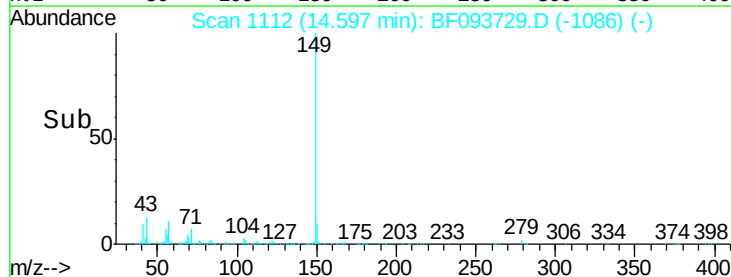


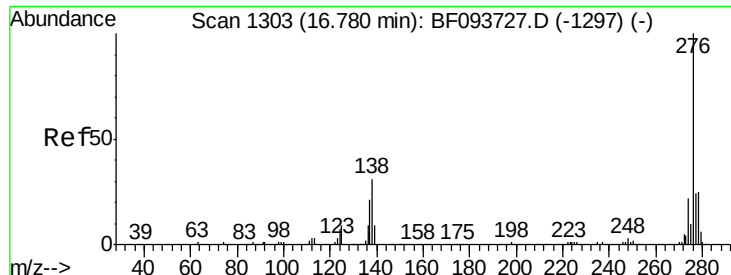
#84
 Di-n-octyl phthalate
 Concen: 63.22 ng
 RT: 14.60 min Scan# 1112
 Delta R.T. 0.00 min
 Lab File: BF093729.D
 Acq: 18 Mar 2017 2:53

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	1841441		
167	1.5	1.2	1.8	
43	10.6	8.5	12.7	



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





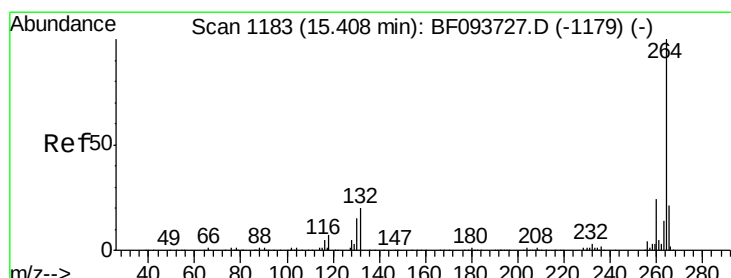
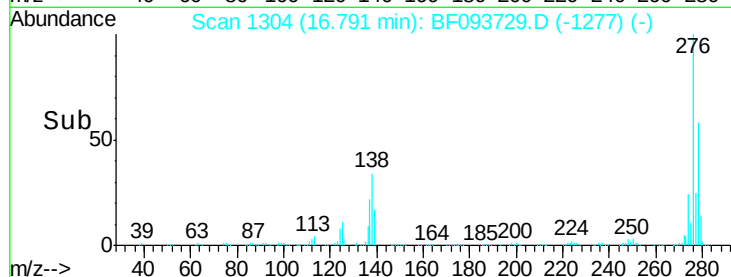
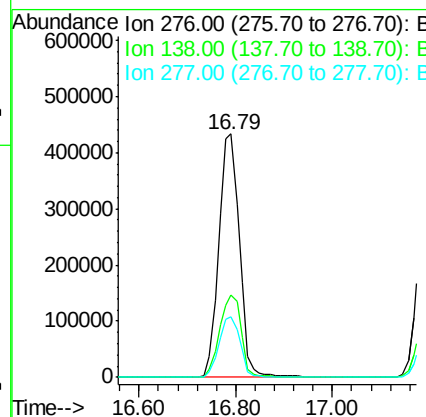
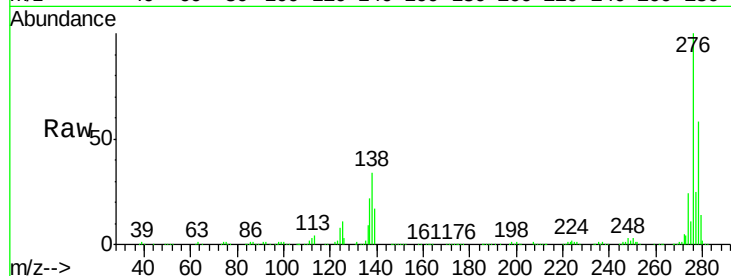
#85
Indeno(1,2,3-cd)pyrene
Concen: 61.96 ng
RT: 16.79 min Scan# 1304
Delta R.T. 0.01 min
Lab File: BF093729.D
Acq: 18 Mar 2017 2:53

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tgt Ion	Ratio	Lower	Upper
276	100		
138	35.5	27.8	41.6
277	25.6	20.2	30.4

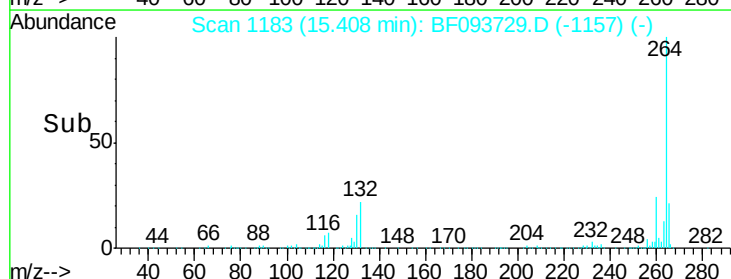
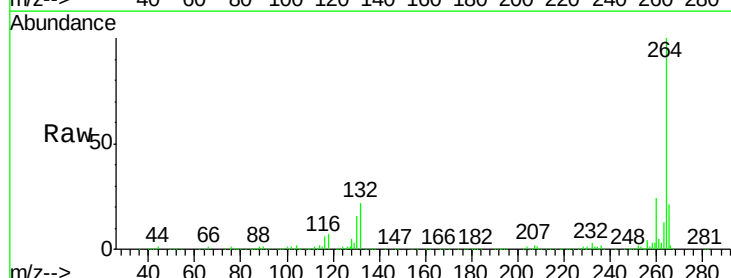
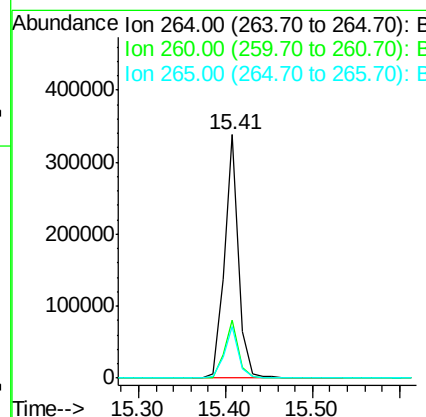
Manual Integrations
APPROVED

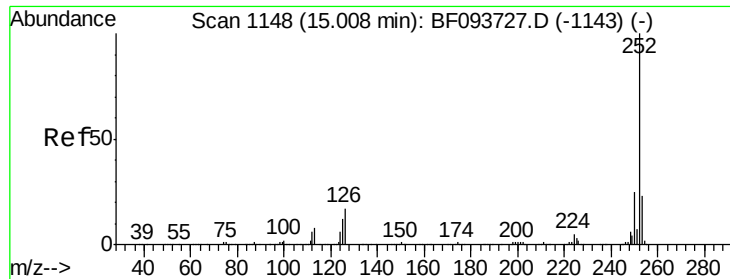
mohammad
3/20/2017 12:58:04 PM



#86
Perylene-d12
Concen: 20.00 ng
RT: 15.41 min Scan# 1183
Delta R.T. -0.00 min
Lab File: BF093729.D
Acq: 18 Mar 2017 2:53

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.5	29.3
265	21.2	17.2	25.8





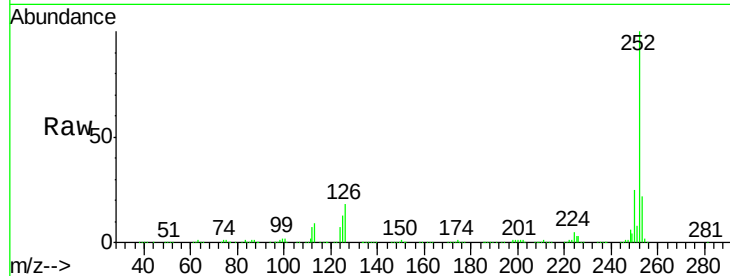
#87
Benzo(b)fluoranthene
Concen: 50.35 ng
RT: 15.01 min Scan# 1148
Delta R.T. 0.00 min
Lab File: BF093729.D
Acq: 18 Mar 2017 2:53

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

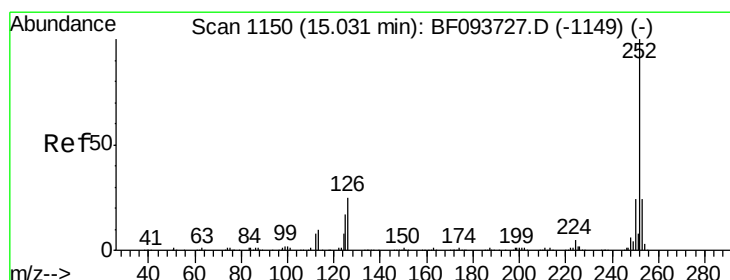
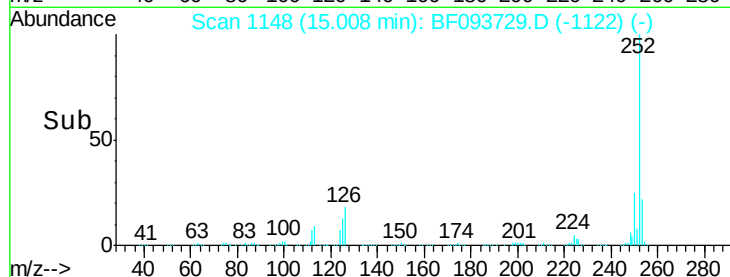
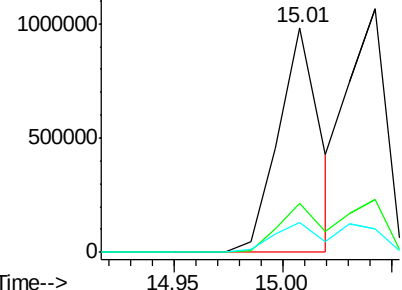
Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.9	18.1	27.1
125	13.5	9.8	14.8

Manual Integrations
APPROVED

mohammad
3/20/2017 12:58:04 PM



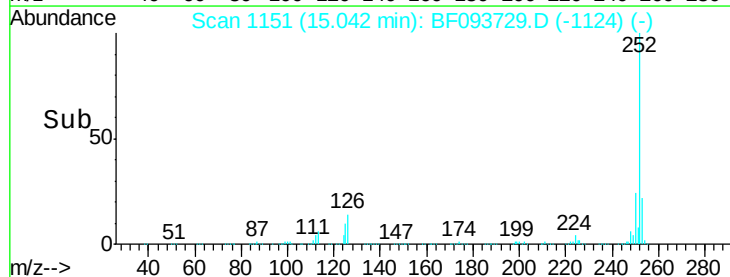
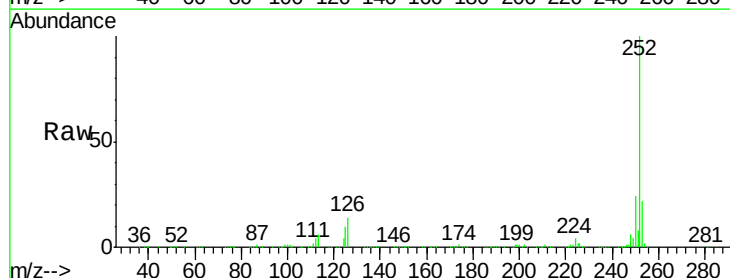
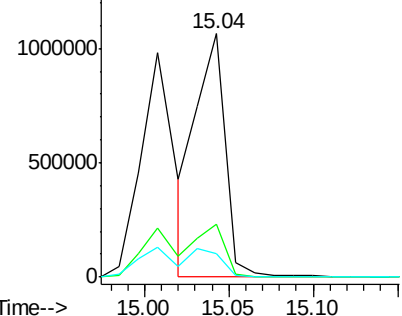
Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

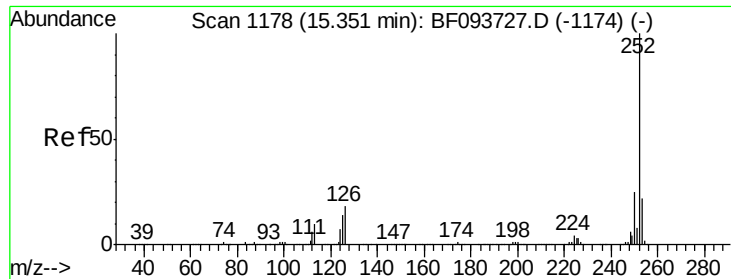


#88
Benzo(k)fluoranthene
Concen: 67.62 ng m
RT: 15.04 min Scan# 1151
Delta R.T. 0.01 min
Lab File: BF093729.D
Acq: 18 Mar 2017 2:53

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.9	18.4	27.6
125	9.6	13.1	19.7#

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





#89

Benzo(a)pyrene

Concen: 56.00 ng

RT: 15.35 min Scan# 1178

Delta R.T. -0.00 min

Lab File: BF093729.D

Acq: 18 Mar 2017 2:53

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

Tgt Ion:252 Resp: 1226048

Ion Ratio Lower Upper

252 100

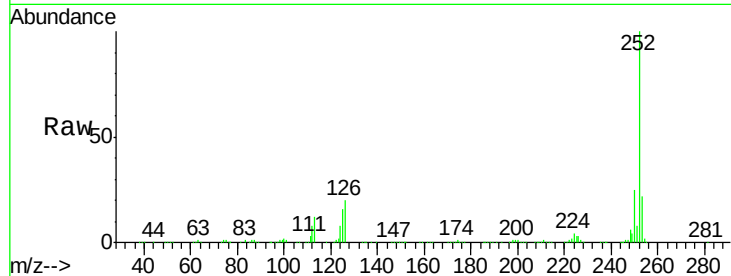
253 22.4 17.5 26.3

125 15.6 11.0 16.4

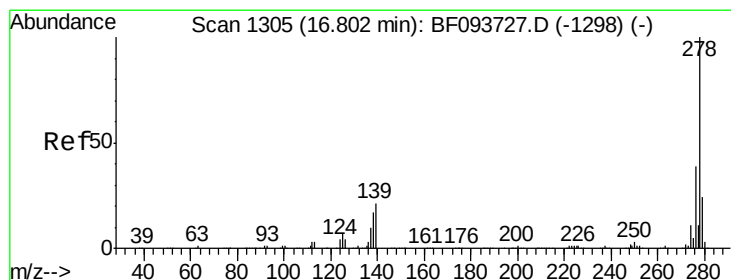
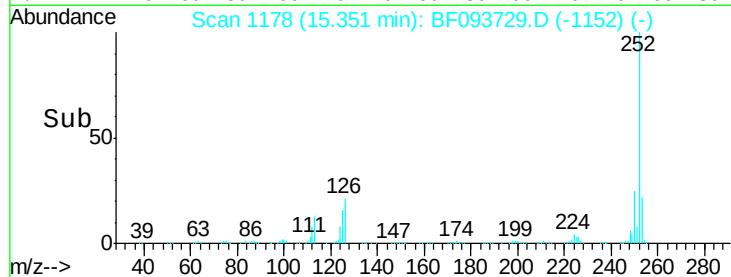
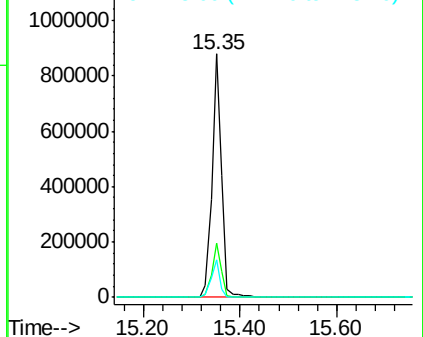
Manual Integrations
APPROVED

mohammad

3/20/2017 12:58:04 PM



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



#90

Dibenzo(a,h)anthracene

Concen: 58.82 ng

RT: 16.80 min Scan# 1305

Delta R.T. 0.00 min

Lab File: BF093729.D

Acq: 18 Mar 2017 2:53

Tgt Ion:278 Resp: 1104811

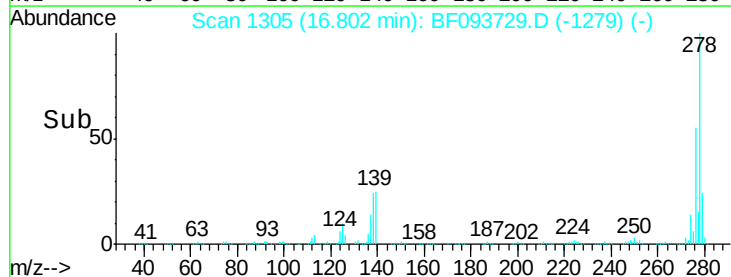
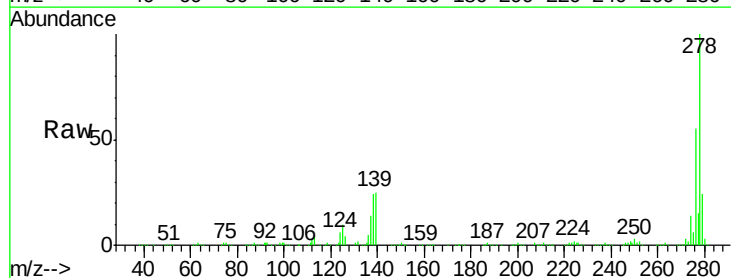
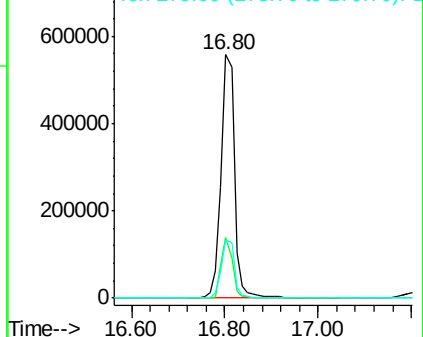
Ion Ratio Lower Upper

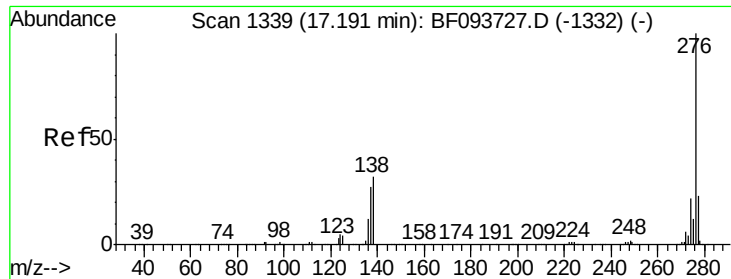
278 100

139 24.9 16.6 24.8#

279 23.8 19.3 28.9

Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E





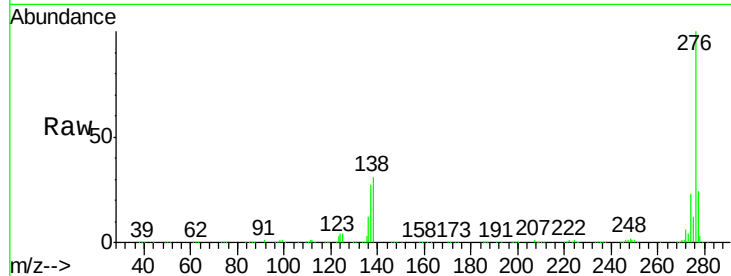
#91
 Benzo(g,h,i)perylene
 Concen: 59.73 ng
 RT: 17.20 min Scan# 1340
 Delta R.T. 0.01 min
 Lab File: BF093729.D
 Acq: 18 Mar 2017 2:53

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC060

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.6	18.6	28.0
138	30.7	25.4	38.0

Manual Integrations
 APPROVED

mohammad
 3/20/2017 12:58:04 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

