

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF031817\
 Data File : BF093741.D
 Acq On : 18 Mar 2017 9:27
 Operator : SJ/MA
 Sample : PB97670BS
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB97670BS

Manual Integrations
 APPROVED

mohammad
 3/20/2017 12:59:44 PM

Quant Time: Mar 20 01:20:45 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 05:21:29 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	188246	20.00	ng	0.00
21) Naphthalene-d8	8.14	136	764660	20.00	ng	0.00
38) Acenaphthene-d10	9.89	164	371292	20.00	ng	0.00
63) Phenanthrene-d10	11.36	188	619293	20.00	ng	0.00
75) Chrysene-d12	13.99	240	435330	20.00	ng	-0.01
86) Perylene-d12	15.41	264	454054	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.45	112	1316838	116.63	ng	0.01
7) Phenol-d6	6.48	99	1617838	115.61	ng	0.00
23) Nitrobenzene-d5	7.41	82	1044181	81.96	ng	0.00
41) 2,4,6-Tribromophenol	10.68	330	357658	147.18	ng	0.00
44) 2-Fluorobiphenyl	9.21	172	1813585	92.17	ng	0.00
78) Terphenyl-d14	12.95	244	1447205	71.55	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.55	88	210686	36.14	ng	99
3) Pyridine	3.25	79	611248	38.33	ng	98
4) n-Nitrosodimethylamine	3.18	42	281633	40.36	ng	100
6) Aniline	6.50	93	208024	10.40	ng	99
8) 2-Chlorophenol	6.63	128	509235	40.56	ng	98
9) Benzaldehyde	6.39	77	236642	28.19	ng	91
10) Phenol	6.49	94	696456	42.56	ng	94
11) bis(2-Chloroethyl)ether	6.58	93	516382	40.05	ng	99
12) 1,3-Dichlorobenzene	6.79	146	576065	41.42	ng	98
13) 1,4-Dichlorobenzene	6.87	146	559147	39.26	ng	99
14) 1,2-Dichlorobenzene	7.02	146	512545	38.49	ng	98
15) Benzyl Alcohol	6.98	79	396303	37.83	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.13	45	743244	36.56	ng	99
17) 2-Methylphenol	7.11	107	456376	42.00	ng	94
18) Hexachloroethane	7.36	117	199541	39.43	ng	# 76
19) n-Nitroso-di-n-propylamine	7.27	70	381645	41.07	ng	95
20) 3+4-Methylphenols	7.26	107	512730	39.80	ng	99
22) Acetophenone	7.26	105	675833	39.67	ng	# 96
24) Nitrobenzene	7.43	77	596912	43.34	ng	95
25) Isophorone	7.67	82	979050	39.92	ng	98
26) 2-Nitrophenol	7.75	139	277816	53.28	ng	97
27) 2,4-Dimethylphenol	7.78	122	494884	41.47	ng	98
28) bis(2-Chloroethoxy)methane	7.89	93	664537	42.93	ng	99
29) 2,4-Dichlorophenol	7.99	162	463665	45.23	ng	100
30) 1,2,4-Trichlorobenzene	8.08	180	440112	41.18	ng	97
31) Naphthalene	8.15	128	1469693	39.42	ng	100
32) Benzoic acid	7.91	122	316919	43.35	ng	93
33) 4-Chloroaniline	8.20	127	62073	3.98	ng	94
34) Hexachlorobutadiene	8.29	225	221893	39.65	ng	96
35) Caprolactam	8.56	113	142118m	41.30	ng	
36) 4-Chloro-3-methylphenol	8.69	107	493049	45.68	ng	93
37) 2-Methylnaphthalene	8.85	142	1037918	42.98	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.02	216	375945	43.24	ng	98
40) Hexachlorocyclopentadiene	9.01	237	388233	89.38	ng	98

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF031817\
 Data File : BF093741.D
 Acq On : 18 Mar 2017 9:27
 Operator : SJ/MA
 Sample : PB97670BS
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB97670BS

Manual Integrations
 APPROVED

mohammad
 3/20/2017 12:59:44 PM

Quant Time: Mar 20 01:20:45 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 05:21:29 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.12	196	308331	48.10	ng	98
43) 2,4,5-Trichlorophenol	9.16	196	279621	42.31	ng	96
45) 1,1'-Biphenyl	9.32	154	1143232	43.91	ng	98
46) 2-Chloronaphthalene	9.33	162	907768	43.45	ng	# 92
47) 2-Nitroaniline	9.42	65	241937	40.03	ng	99
48) Acenaphthylene	9.75	152	1527983	44.85	ng	99
49) Dimethylphthalate	9.61	163	1091212	44.99	ng	100
50) 2,6-Dinitrotoluene	9.67	165	252807	48.26	ng	89
51) Acenaphthene	9.92	154	981239	48.87	ng	100
52) 3-Nitroaniline	9.83	138	57171	9.20	ng	80
53) 2,4-Dinitrophenol	9.93	184	173929	76.71	ng	# 80
54) Dibenzofuran	10.09	168	1325843	48.58	ng	99
55) 4-Nitrophenol	9.99	139	385854	82.29	ng	# 61
56) 2,4-Dinitrotoluene	10.07	165	342817	49.16	ng	# 89
57) Fluorene	10.44	166	958951	43.32	ng	100
58) 2,3,4,6-Tetrachlorophenol	10.21	232	228178	50.20	ng	98
59) Diethylphthalate	10.31	149	1001603	43.39	ng	99
60) 4-Chlorophenyl-phenylether	10.42	204	378167	40.54	ng	98
61) 4-Nitroaniline	10.45	138	253310	43.80	ng	98
62) Azobenzene	10.58	77	1139282	48.85	ng	99
64) 4,6-Dinitro-2-methylphenol	10.47	198	129123	39.80	ng	97
65) n-Nitrosodiphenylamine	10.54	169	854751	40.89	ng	100
66) 4-Bromophenyl-phenylether	10.92	248	252850	43.19	ng	97
67) Hexachlorobenzene	10.98	284	263995	43.14	ng	100
68) Atrazine	11.08	200	273082	45.36	ng	99
69) Pentachlorophenol	11.17	266	274700	78.36	ng	99
70) Phenanthrene	11.38	178	1291021	36.87	ng	99
71) Anthracene	11.44	178	1449530	42.31	ng	99
72) Carbazole	11.59	167	1293146	36.06	ng	100
73) Di-n-butylphthalate	11.93	149	1484188	40.48	ng	100
74) Fluoranthene	12.57	202	1436001	42.32	ng	99
76) Benzidine	12.69	184	417576	24.55	ng	95
77) Pyrene	12.80	202	1504180	40.63	ng	100
79) Butylbenzylphthalate	13.43	149	668746	42.52	ng	98
80) Benzo(a)anthracene	13.98	228	1093321	39.13	ng	100
81) 3,3'-Dichlorobenzidine	13.95	252	138524	14.13	ng	# 94
82) Chrysene	14.03	228	1133454	41.97	ng	100
83) Bis(2-ethylhexyl)phthalate	13.99	149	759075	43.90	ng	100
84) Di-n-octyl phthalate	14.60	149	1526158	47.87	ng	99
85) Indeno(1,2,3-cd)pyrene	16.78	276	968751	42.36	ng	99
87) Benzo(b)fluoranthene	15.01	252	1138557	39.56	ng	99
88) Benzo(k)fluoranthene	15.03	252	996498m	39.18	ng	
89) Benzo(a)pyrene	15.35	252	1019924	40.10	ng	99
90) Dibenzo(a,h)anthracene	16.80	278	809266	37.60	ng	99
91) Benzo(g,h,i)perylene	17.19	276	798166	36.47	ng	99

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

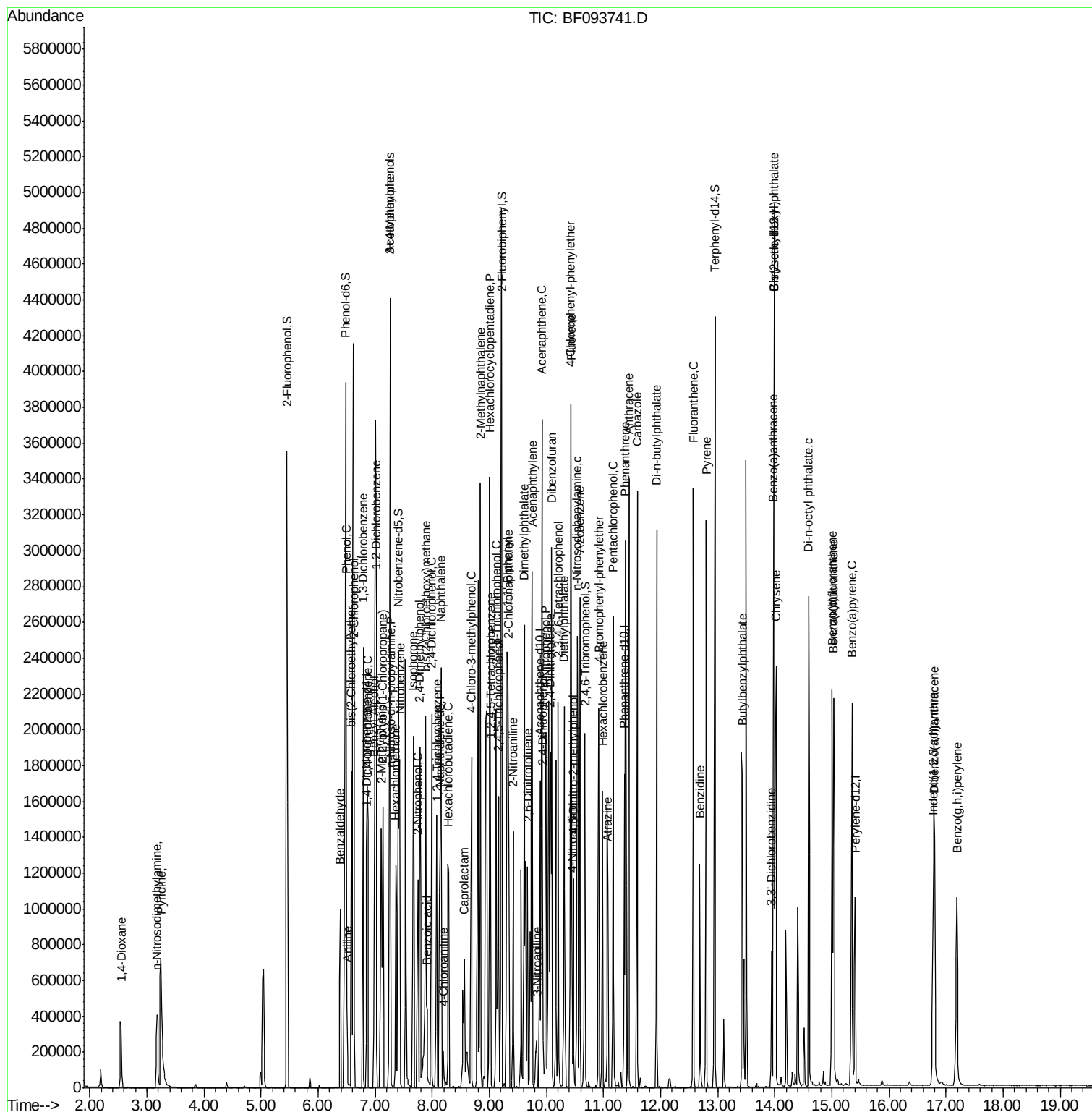
```
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF031817\  
Data File : BF093741.D  
Acq On    : 18 Mar 2017    9:27  
Operator  : SJ/MA  
Sample    : PB97670BS  
Misc      :  
ALS Vial  : 24    Sample Multiplier: 1
```

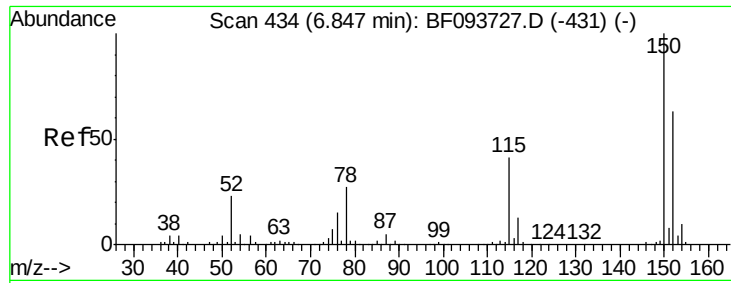
Instrument :
BNA_F
ClientSampleId :
PB97670BS

Manual Integrations APPROVED

mohammad
3/20/2017 12:59:44 PM

Quant Time: Mar 20 01:20:45 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 05:21:29 2017
Response via : Initial Calibration





#1

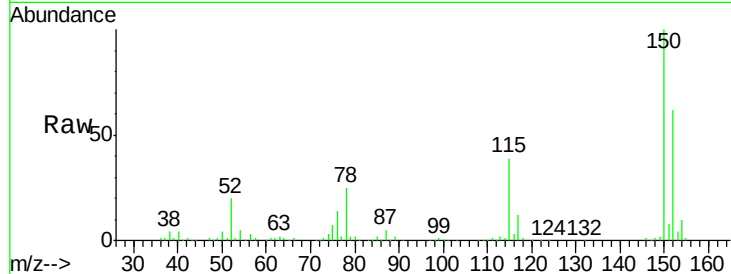
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.85 min Scan# 434
Delta R.T. 0.00 min
Lab File: BF093741.D
Acq: 18 Mar 2017 9:27

Instrument :
BNA_F
ClientSampleId :
PB97670BS

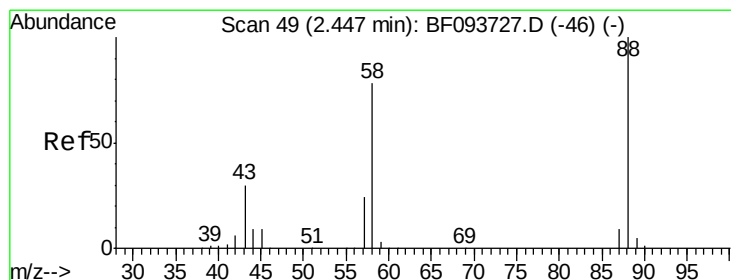
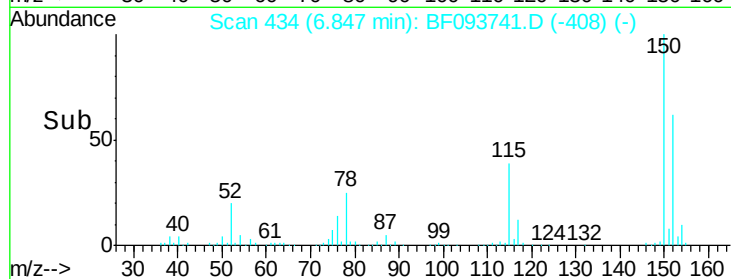
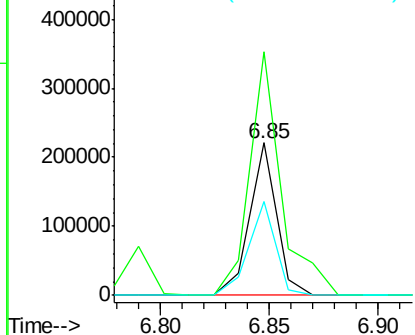
Tgt Ion	Ratio	Lower	Upper
152	100		
150	160.0	126.2	189.2
115	61.9	52.2	78.2

Manual Integrations
APPROVED

mohammad
3/20/2017 12:59:44 PM



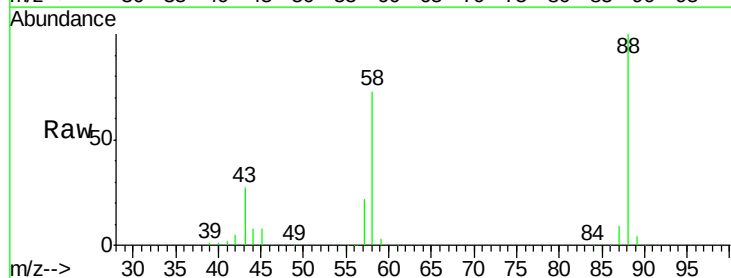
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



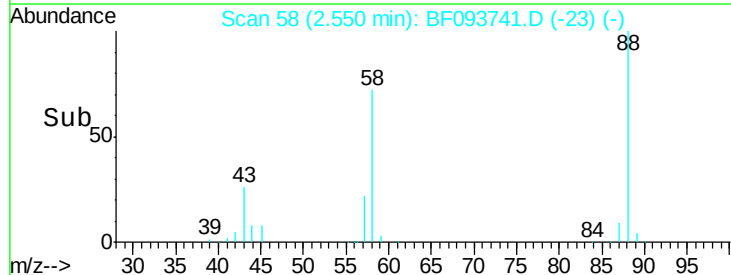
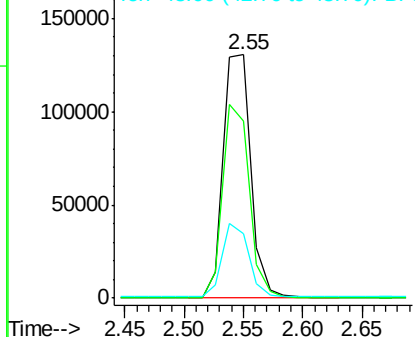
#2

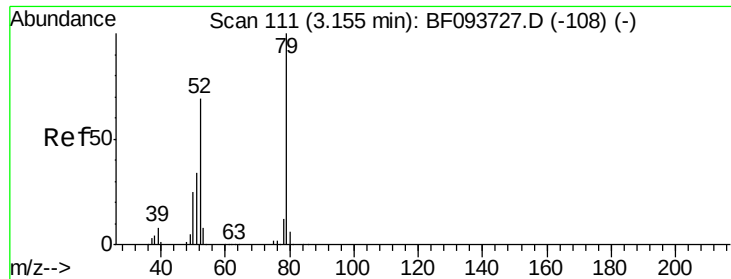
1,4-Dioxane
Concen: 36.14 ng
RT: 2.55 min Scan# 58
Delta R.T. 0.10 min
Lab File: BF093741.D
Acq: 18 Mar 2017 9:27

Tgt Ion	Ratio	Lower	Upper
88	100		
58	77.2	61.4	92.0
43	29.5	23.4	35.0



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





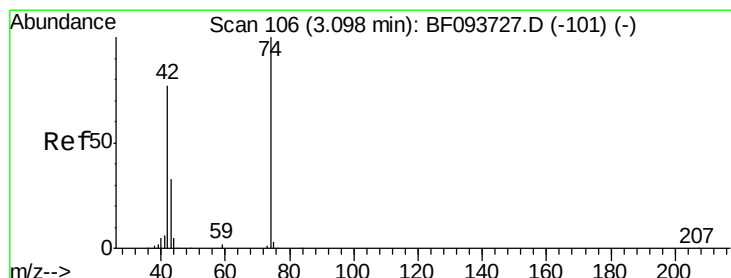
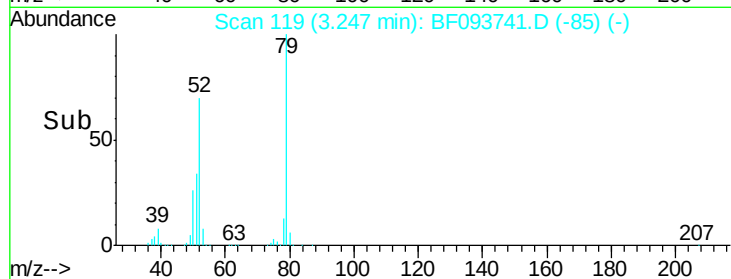
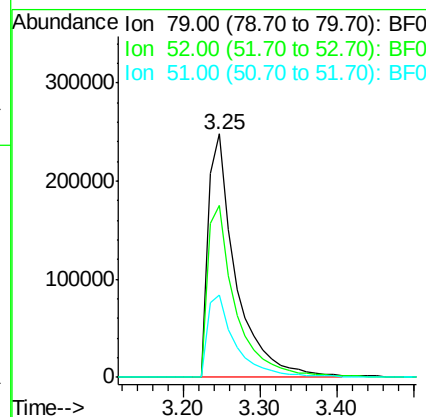
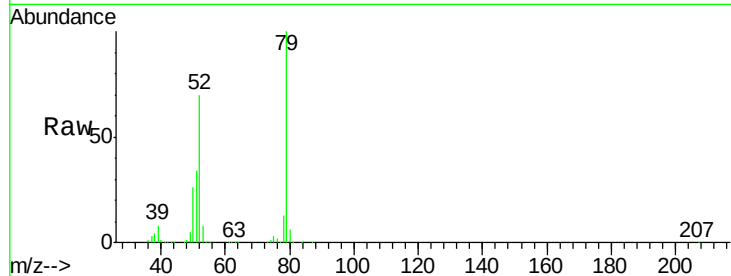
#3
 Pyridine
 Concen: 38.33 ng
 RT: 3.25 min Scan# 119
 Delta R.T. 0.09 min
 Lab File: BF093741.D
 Acq: 18 Mar 2017 9:27

Instrument :
 BNA_F
 ClientSampleId :
 PB97670BS

Tgt Ion	Ratio	Lower	Upper
79	100		
52	70.4	54.8	82.2
51	33.8	27.0	40.4

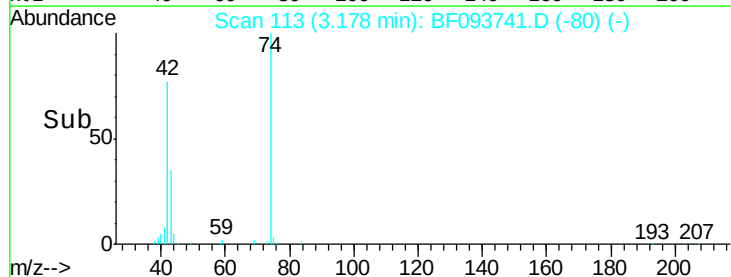
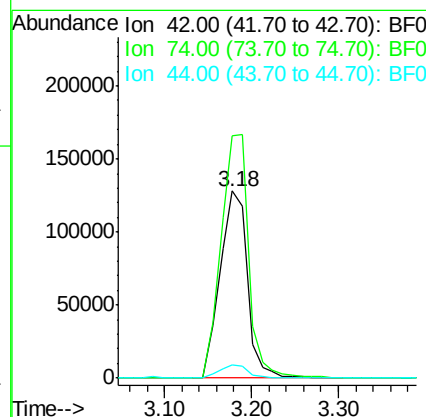
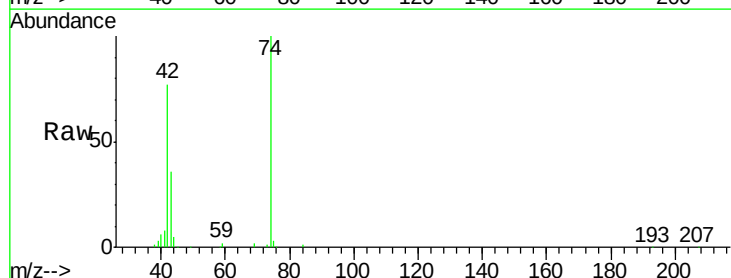
Manual Integrations
 APPROVED

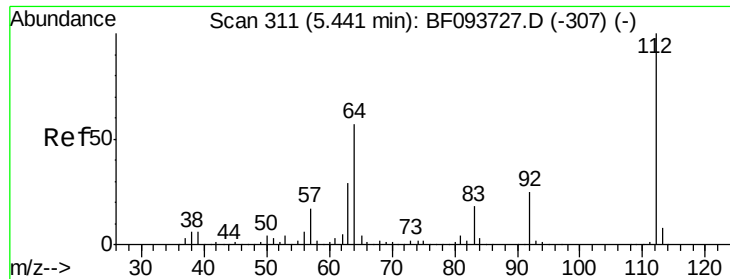
mohammad
 3/20/2017 12:59:44 PM



#4
 n-Nitrosodimethylamine
 Concen: 40.36 ng
 RT: 3.18 min Scan# 113
 Delta R.T. 0.08 min
 Lab File: BF093741.D
 Acq: 18 Mar 2017 9:27

Tgt Ion	Ratio	Lower	Upper
42	100		
74	129.5	103.9	155.9
44	6.9	5.7	8.5





#5

2-Fluorophenol

Concen: 116.63 ng

RT: 5.45 min Scan# 312

Delta R.T. 0.01 min

Lab File: BF093741.D

Acq: 18 Mar 2017 9:27

Instrument :

BNA_F

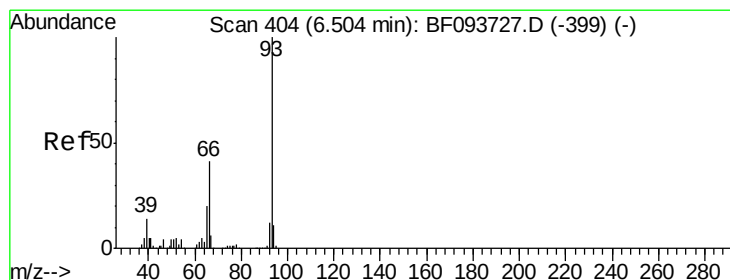
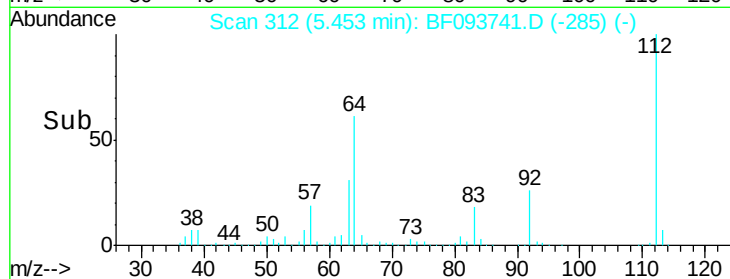
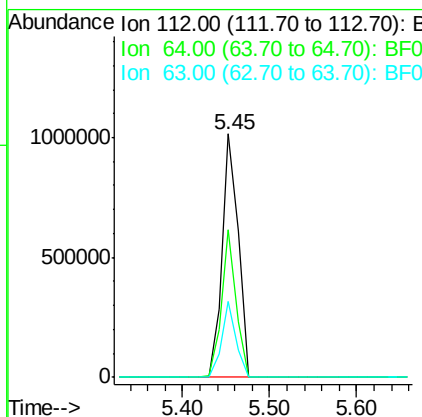
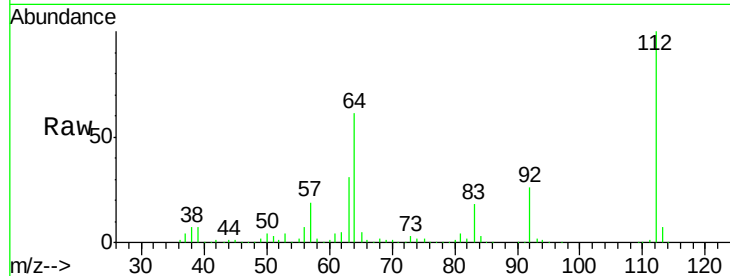
ClientSampleId :

PB97670BS

Tgt Ion:	112	Resp:	1316838
Ion	Ratio	Lower	Upper
112	100		
64	60.7	46.0	69.0
63	31.0	23.4	35.0

Manual Integrations
APPROVED

mohammad
3/20/2017 12:59:44 PM



#6

Aniline

Concen: 10.40 ng

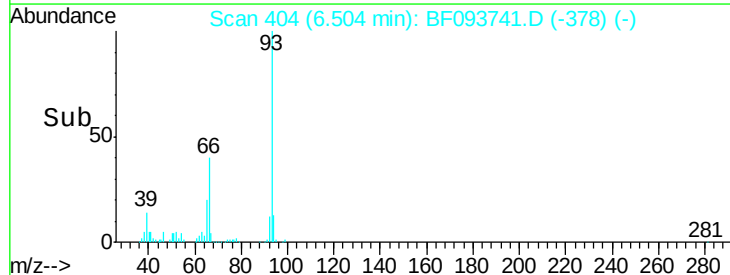
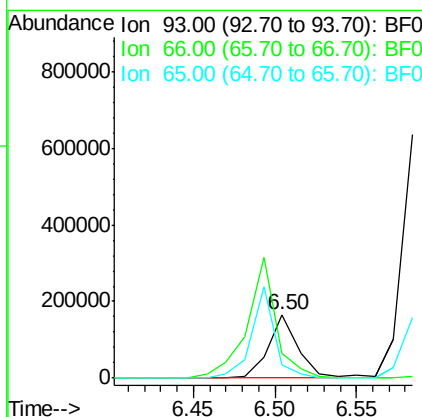
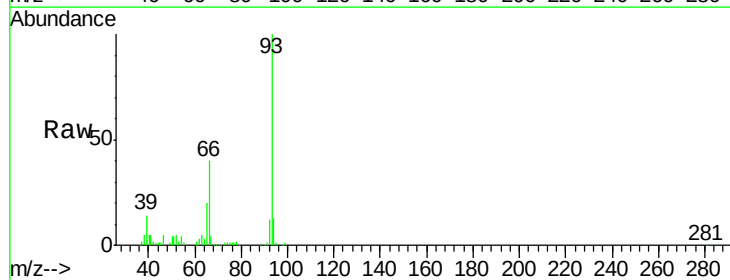
RT: 6.50 min Scan# 404

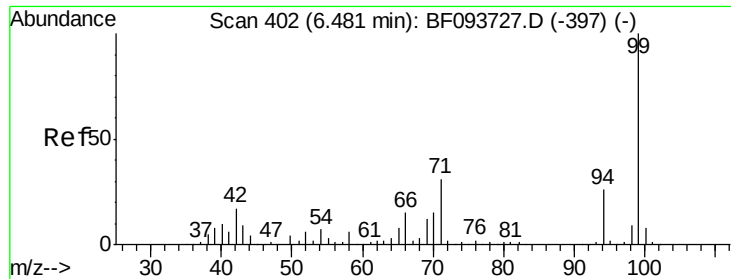
Delta R.T. 0.00 min

Lab File: BF093741.D

Acq: 18 Mar 2017 9:27

Tgt Ion:	93	Resp:	208024
Ion	Ratio	Lower	Upper
93	100		
66	40.1	32.9	49.3
65	20.3	16.0	24.0





#7

Phenol-d6

Concen: 115.61 ng

RT: 6.48 min Scan# 402

Delta R.T. 0.00 min

Lab File: BF093741.D

Acq: 18 Mar 2017 9:27

Instrument :

BNA_F

ClientSampleId :

PB97670BS

Tgt Ion: 99 Resp: 1617838

Ion Ratio Lower Upper

99 100

42 18.6 13.5 20.3

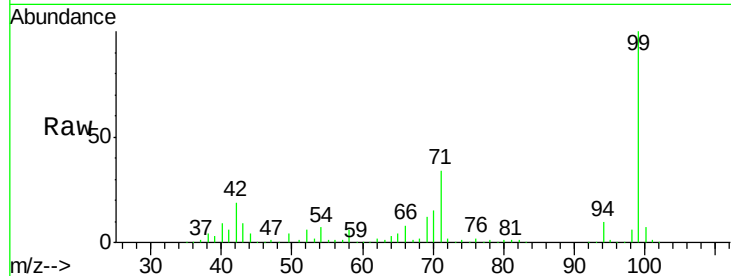
71 33.7 24.5 36.7

Manual Integrations

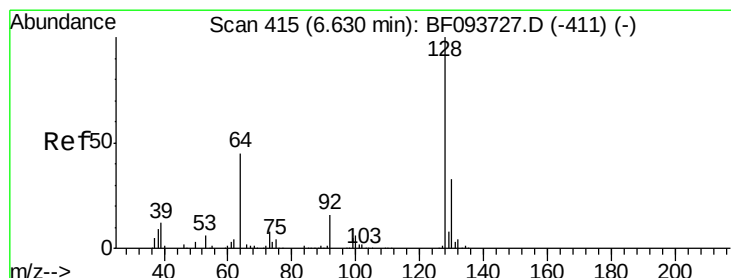
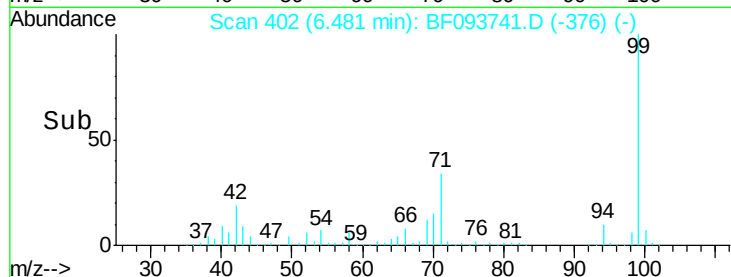
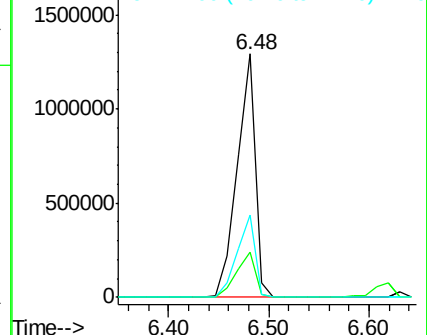
APPROVED

mohammad

3/20/2017 12:59:44 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: 40.56 ng

RT: 6.63 min Scan# 415

Delta R.T. 0.00 min

Lab File: BF093741.D

Acq: 18 Mar 2017 9:27

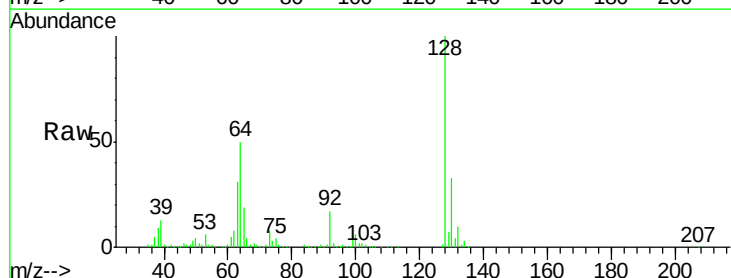
Tgt Ion: 128 Resp: 509235

Ion Ratio Lower Upper

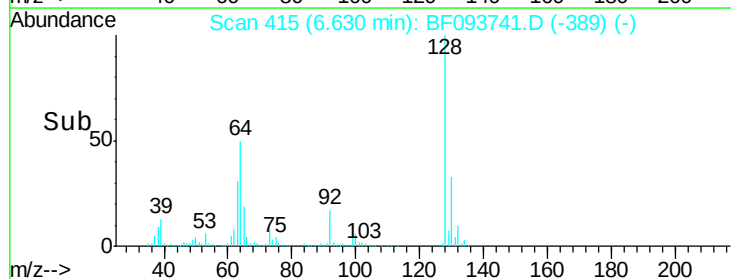
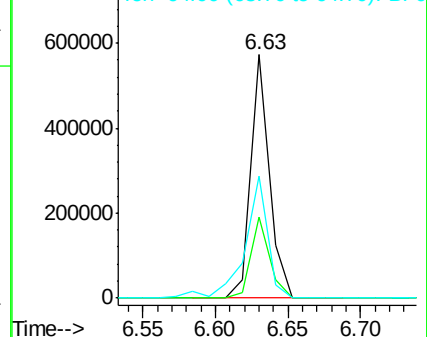
128 100

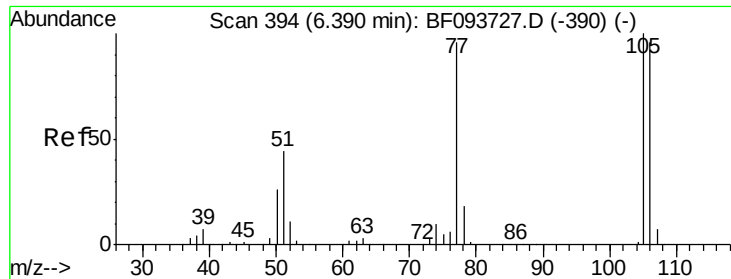
130 33.1 12.9 52.9

64 50.1 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: 28.19 ng

RT: 6.39 min Scan# 394

Delta R.T. 0.00 min

Lab File: BF093741.D

Acq: 18 Mar 2017 9:27

Instrument :

BNA_F

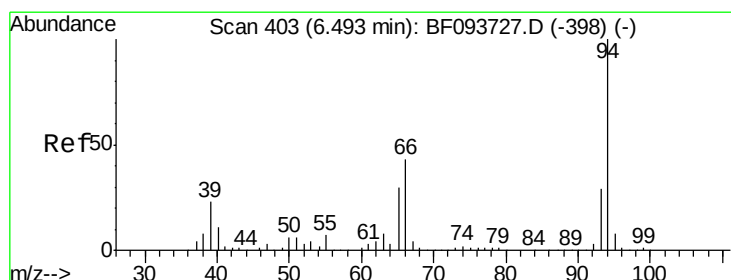
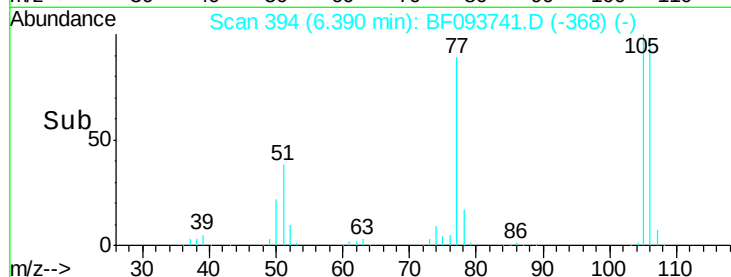
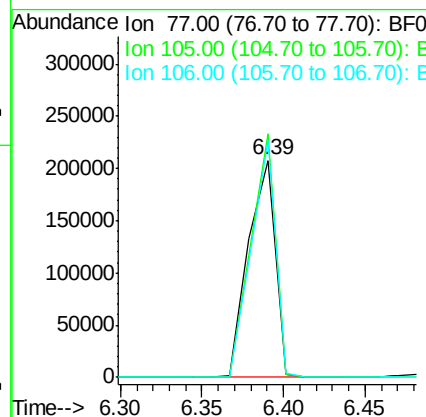
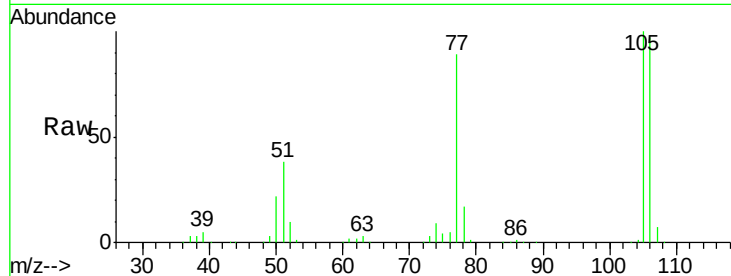
ClientSampleId :

PB97670BS

Tgt Ion	Ratio	Lower	Upper
77	100		
105	112.1	83.8	123.8
106	109.0	79.1	119.1

Manual Integrations
APPROVED

mohammad
3/20/2017 12:59:44 PM



#10

Phenol

Concen: 42.56 ng

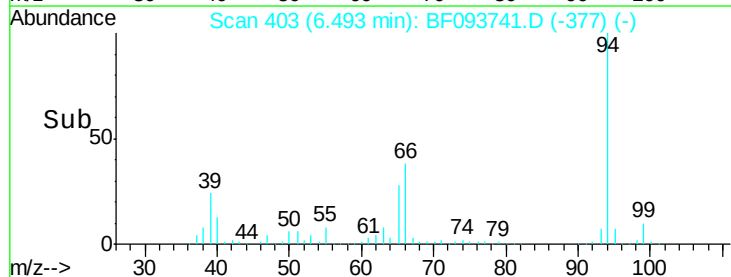
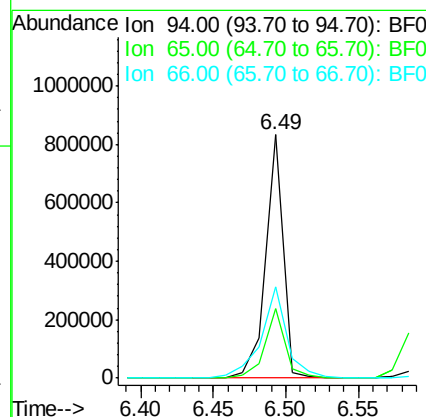
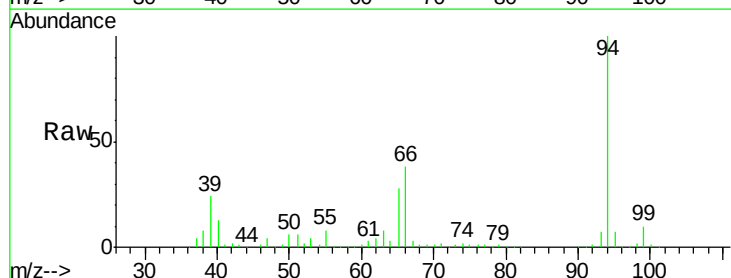
RT: 6.49 min Scan# 403

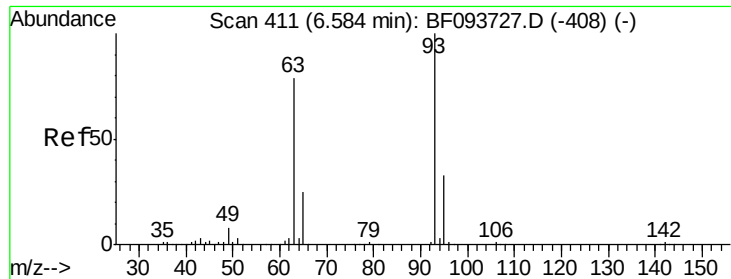
Delta R.T. 0.00 min

Lab File: BF093741.D

Acq: 18 Mar 2017 9:27

Tgt Ion	Ratio	Lower	Upper
94	100		
65	28.5	9.9	49.9
66	37.6	23.1	63.1





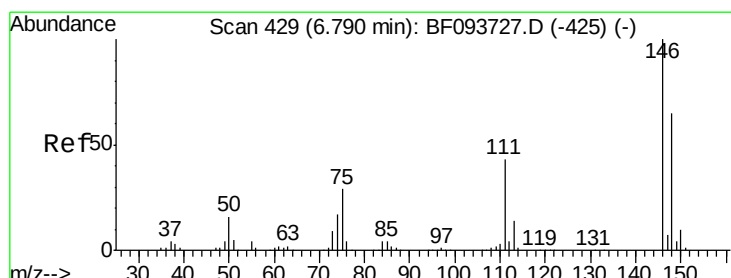
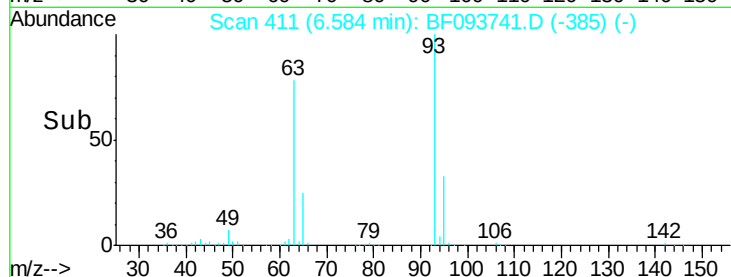
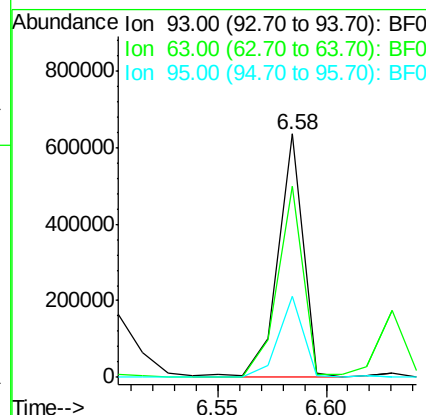
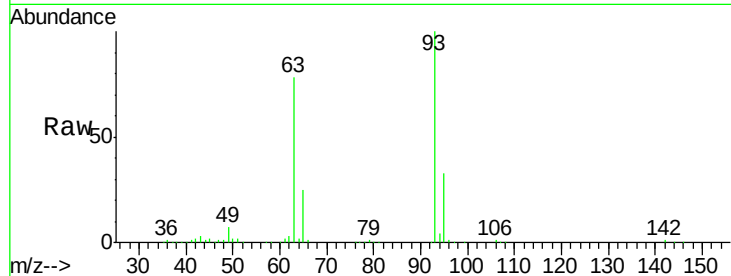
#11
bis(2-Chloroethyl)ether
Concen: 40.05 ng
RT: 6.58 min Scan# 411
Delta R.T. 0.00 min
Lab File: BF093741.D
Acq: 18 Mar 2017 9:27

Instrument :
BNA_F
ClientSampleId :
PB97670BS

Tgt Ion	Ratio	Lower	Upper
93	100		
63	78.4	59.2	99.2
95	33.2	12.8	52.8

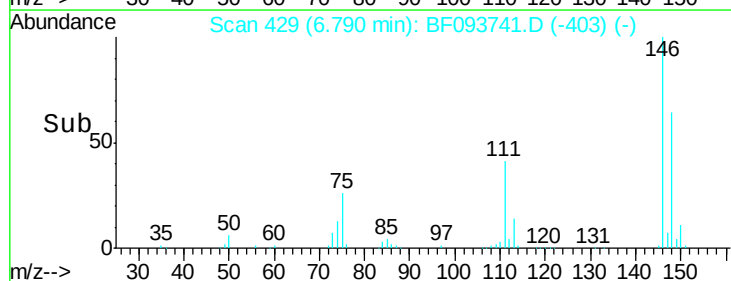
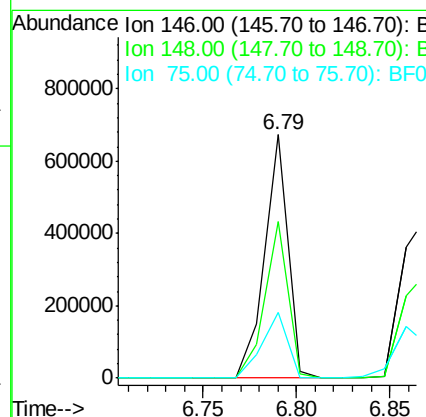
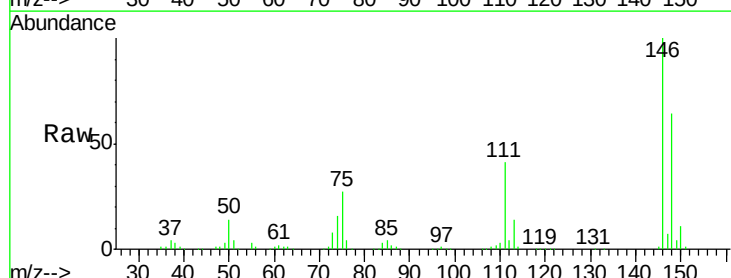
Manual Integrations
APPROVED

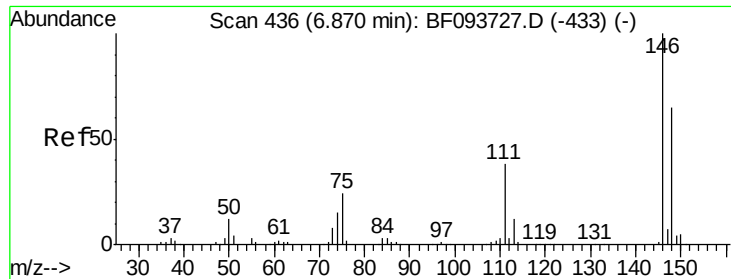
mohammad
3/20/2017 12:59:44 PM



#12
1,3-Dichlorobenzene
Concen: 41.42 ng
RT: 6.79 min Scan# 429
Delta R.T. 0.00 min
Lab File: BF093741.D
Acq: 18 Mar 2017 9:27

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.2	51.8	77.6
75	26.9	23.1	34.7





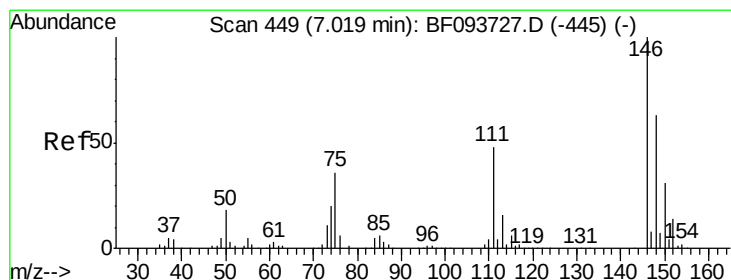
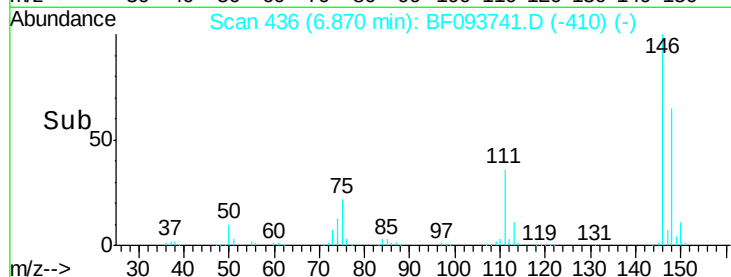
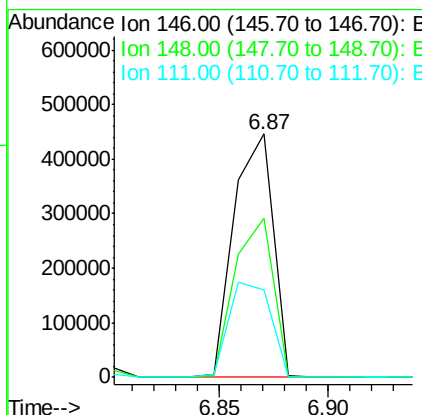
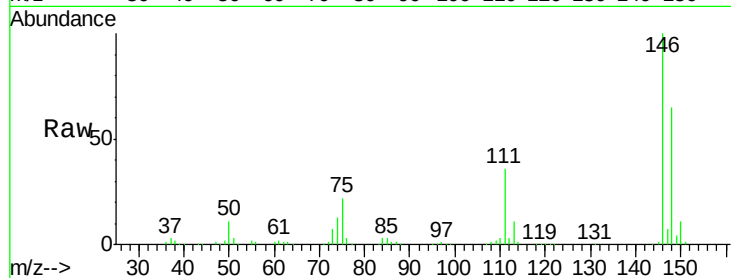
#13
 1,4-Dichlorobenzene
 Concen: 39.26 ng
 RT: 6.87 min Scan# 436
 Delta R.T. 0.00 min
 Lab File: BF093741.D
 Acq: 18 Mar 2017 9:27

Instrument :
 BNA_F
 ClientSampleId :
 PB97670BS

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.3	52.2	78.2
111	35.9	30.3	45.5

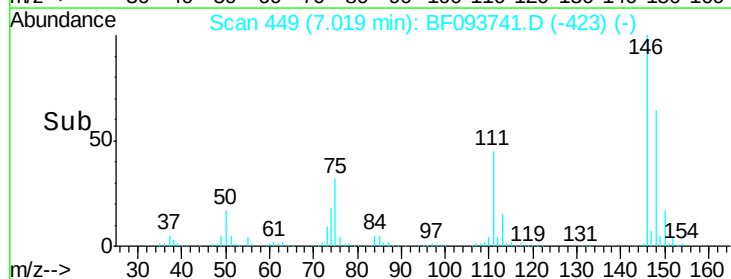
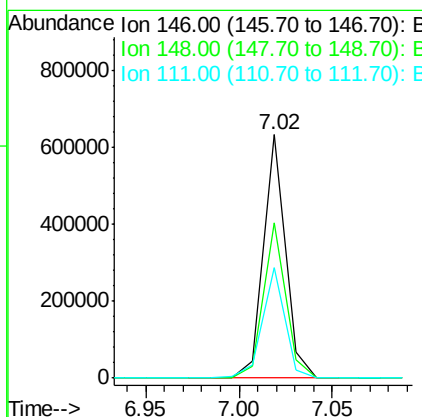
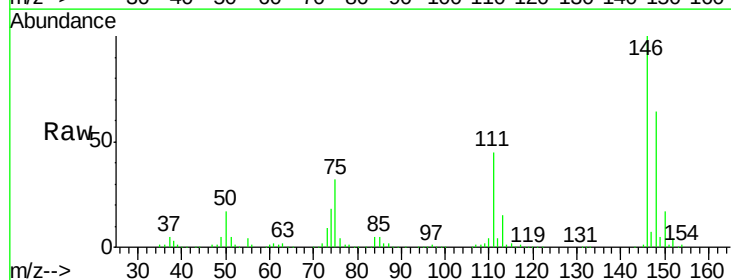
Manual Integrations
 APPROVED

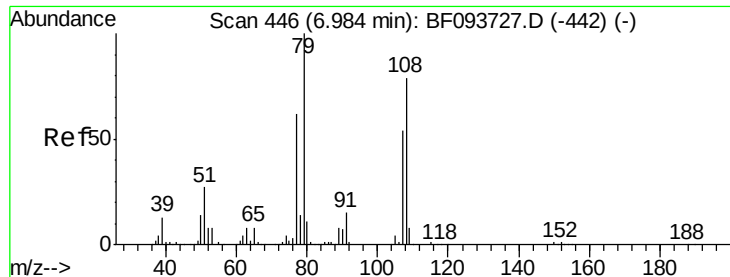
mohammad
 3/20/2017 12:59:44 PM



#14
 1,2-Dichlorobenzene
 Concen: 38.49 ng
 RT: 7.02 min Scan# 449
 Delta R.T. 0.00 min
 Lab File: BF093741.D
 Acq: 18 Mar 2017 9:27

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.8	50.4	75.6
111	45.4	38.2	57.4





#15

Benzyl Alcohol

Concen: 37.83 ng

RT: 6.98 min Scan# 446

Delta R.T. 0.00 min

Lab File: BF093741.D

Acq: 18 Mar 2017 9:27

Instrument :

BNA_F

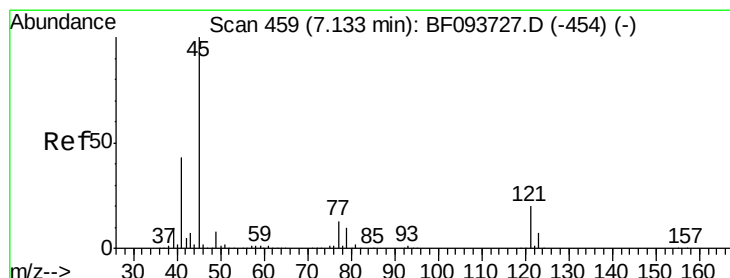
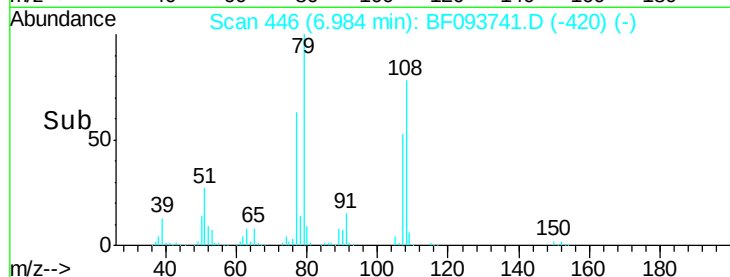
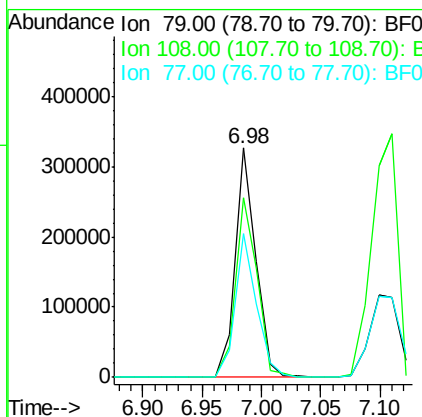
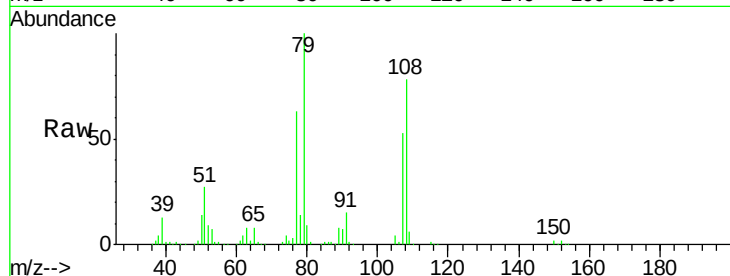
ClientSampleId :

PB97670BS

Tgt Ion:	79	Resp:	396303
Ion Ratio	Lower	Upper	
79	100		
108	78.3	63.4	95.0
77	62.6	49.2	73.8

Manual Integrations
APPROVED

mohammad
3/20/2017 12:59:44 PM



#16

2,2'-oxybis(1-chloropropane)

Concen: 36.56 ng

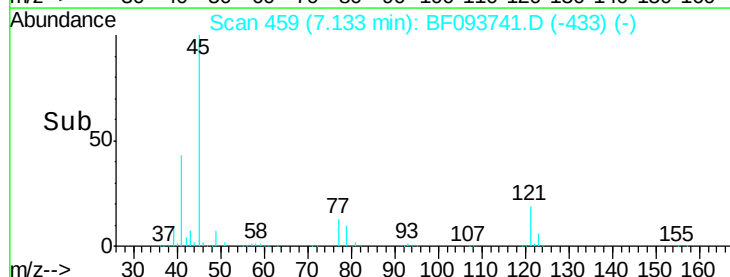
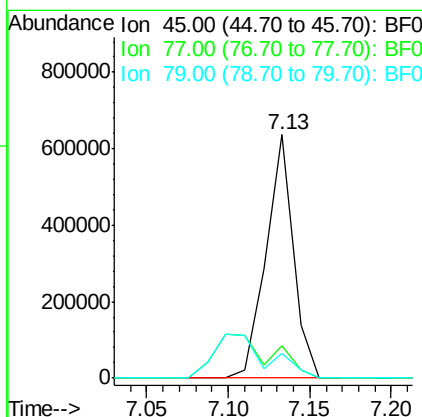
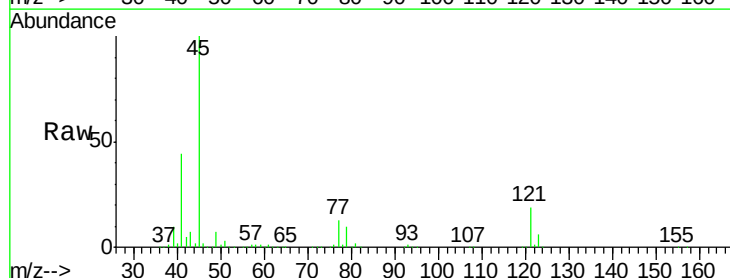
RT: 7.13 min Scan# 459

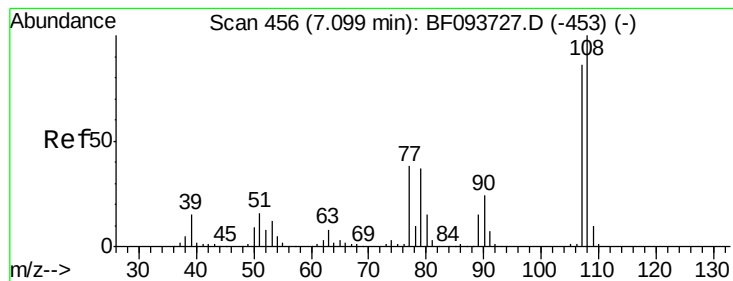
Delta R.T. 0.00 min

Lab File: BF093741.D

Acq: 18 Mar 2017 9:27

Tgt Ion:	45	Resp:	743244
Ion Ratio	Lower	Upper	
45	100		
77	13.1	0.0	33.2
79	10.4	0.0	30.0





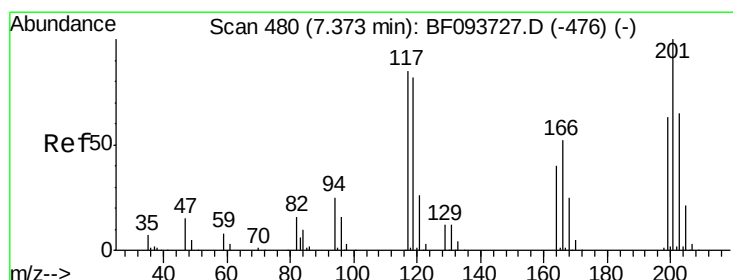
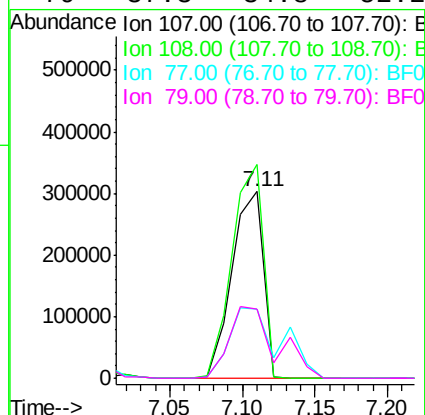
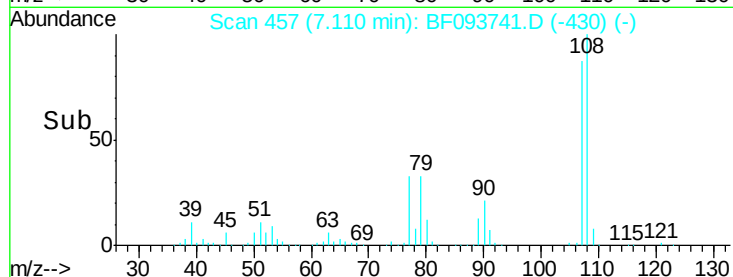
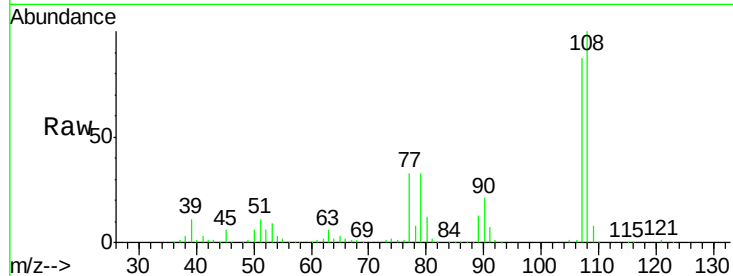
#17
2-Methylphenol
Concen: 42.00 ng
RT: 7.11 min Scan# 457
Delta R.T. 0.01 min
Lab File: BF093741.D
Acq: 18 Mar 2017 9:27

Instrument :
BNA_F
ClientSampleId :
PB97670BS

Tgt Ion	Ratio	Resp	Lower	Upper
107	100	456376		
108	114.4	93.4	140.0	
77	37.3	35.8	53.6	
79	37.3	34.8	52.2	

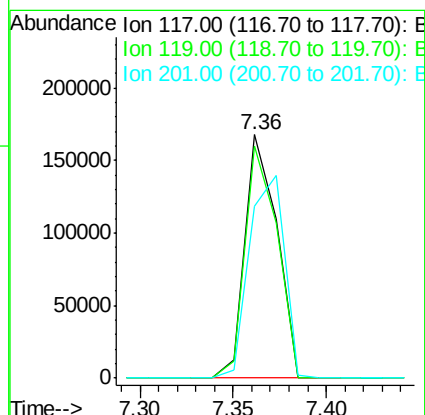
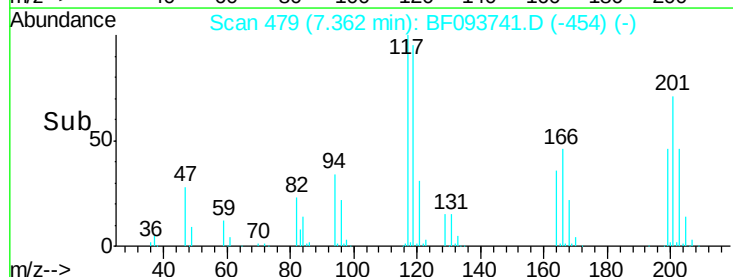
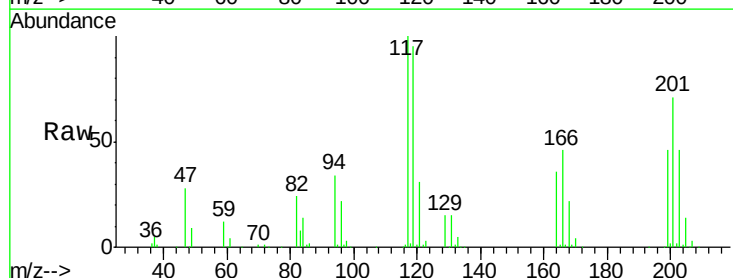
Manual Integrations
APPROVED

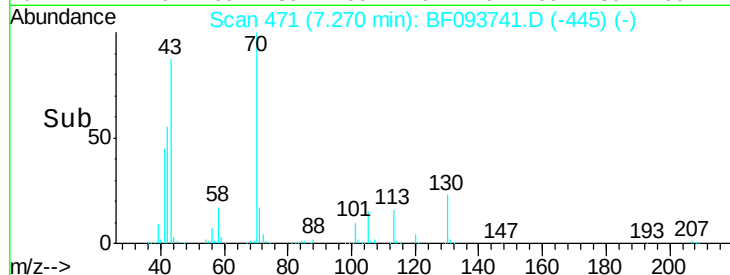
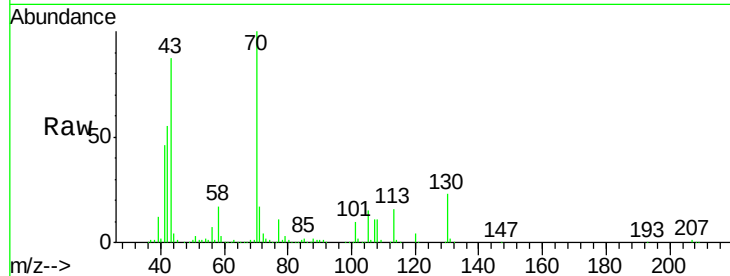
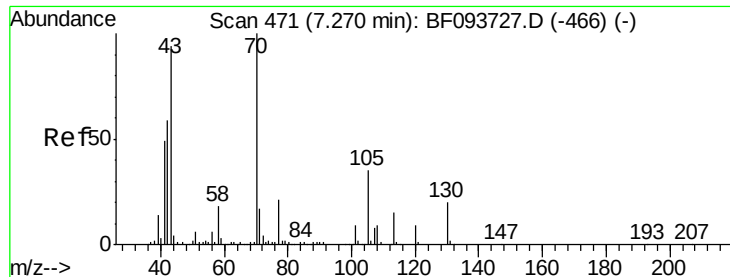
mohammad
3/20/2017 12:59:44 PM



#18
Hexachloroethane
Concen: 39.43 ng
RT: 7.36 min Scan# 479
Delta R.T. -0.01 min
Lab File: BF093741.D
Acq: 18 Mar 2017 9:27

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	199541		
119	95.1	77.4	116.0	
201	70.7	94.6	141.8#	





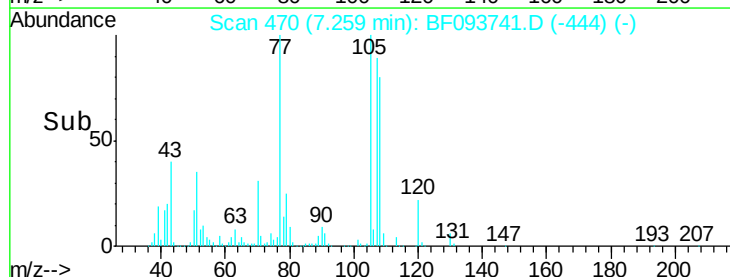
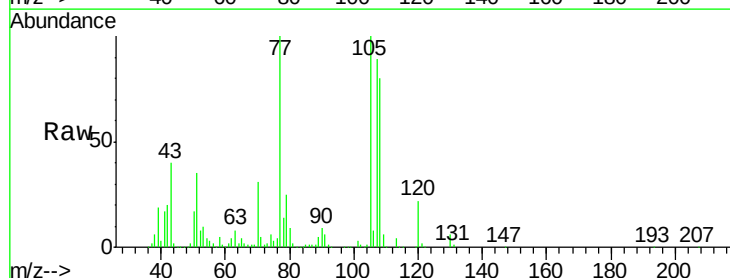
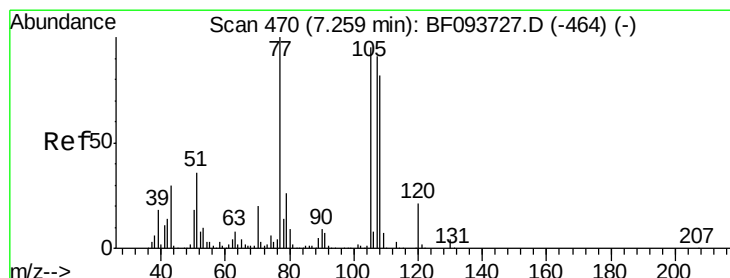
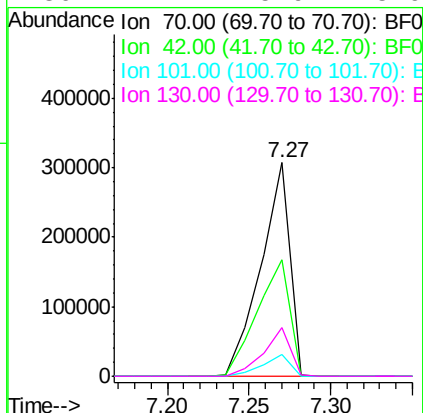
#19
n-Nitroso-di-n-propylamine
Concen: 41.07 ng
RT: 7.27 min Scan# 471
Delta R.T. 0.00 min
Lab File: BF093741.D
Acq: 18 Mar 2017 9:27

Instrument :
BNA_F
ClientSampleId :
PB97670BS

Tgt Ion	Ratio	Lower	Upper
70	100		
42	54.8	47.2	70.8
101	9.9	7.2	10.8
130	22.7	15.9	23.9

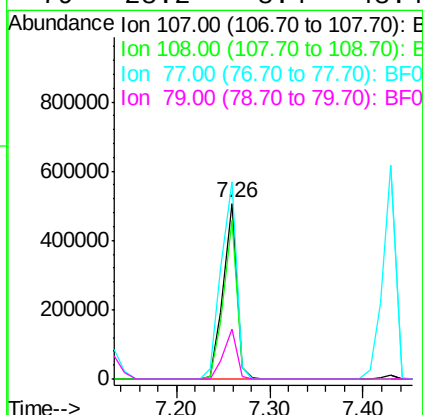
Manual Integrations
APPROVED

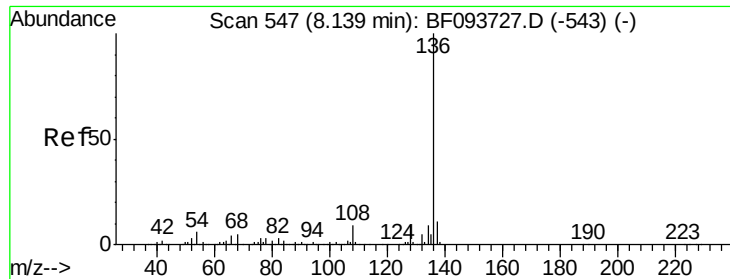
mohammad
3/20/2017 12:59:44 PM



#20
3+4-Methylphenols
Concen: 39.80 ng
RT: 7.26 min Scan# 470
Delta R.T. 0.00 min
Lab File: BF093741.D
Acq: 18 Mar 2017 9:27

Tgt Ion	Ratio	Lower	Upper
107	100		
108	90.2	71.0	111.0
77	112.4	90.5	130.5
79	28.2	8.4	48.4





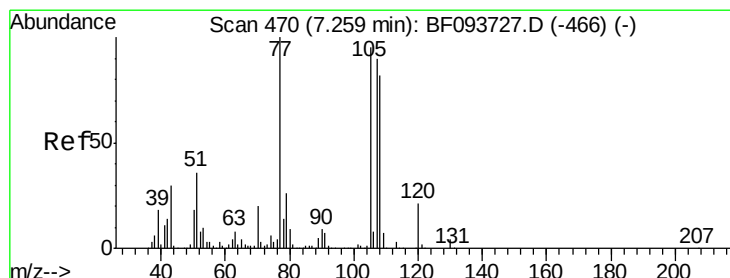
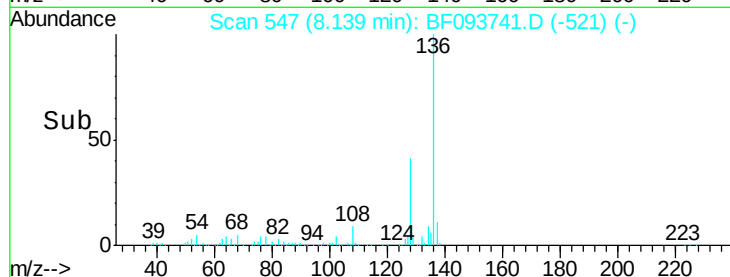
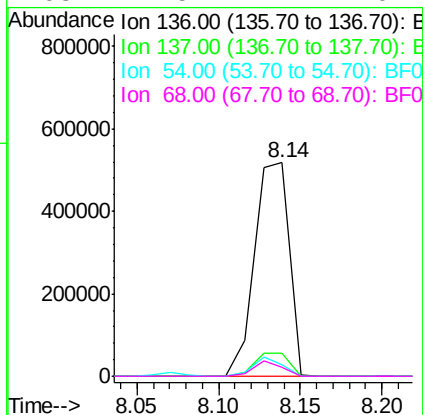
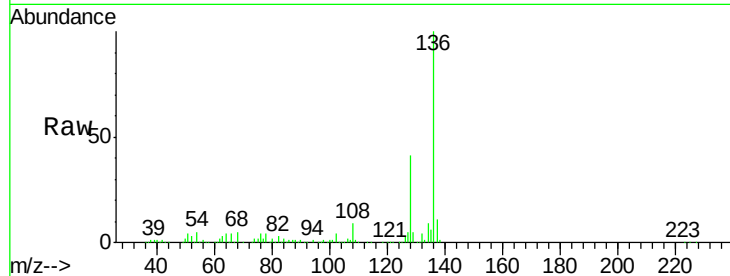
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.14 min Scan# 547
Delta R.T. 0.00 min
Lab File: BF093741.D
Acq: 18 Mar 2017 9:27

Instrument :
BNA_F
ClientSampleId :
PB97670BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
136	100		
137	10.7	8.5	12.7
54	5.3	4.9	7.3
68	4.5	4.1	6.1

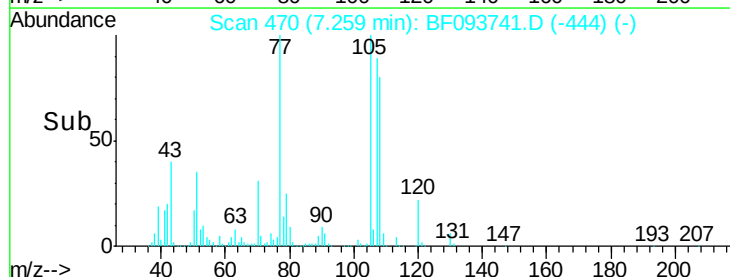
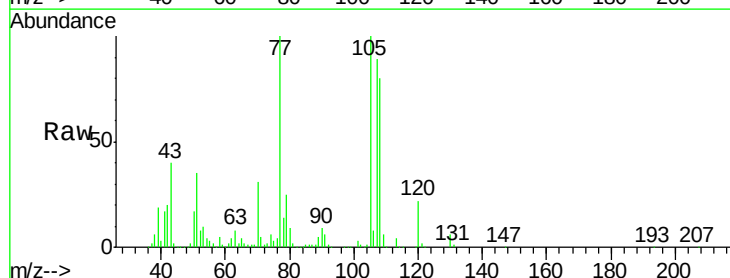
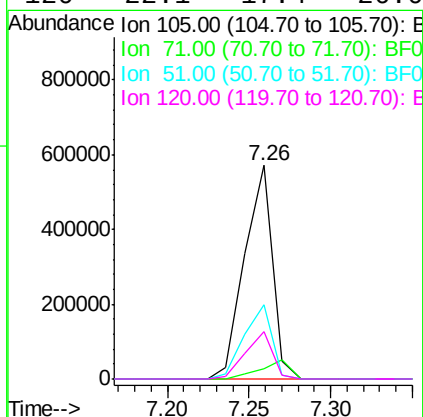
Manual Integrations
APPROVED

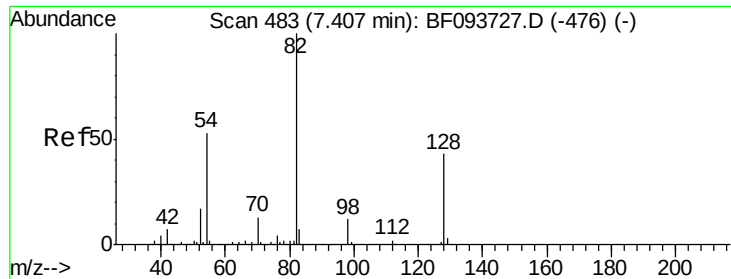
mohammad
3/20/2017 12:59:44 PM



#22
Acetophenone
Concen: 39.67 ng
RT: 7.26 min Scan# 470
Delta R.T. 0.00 min
Lab File: BF093741.D
Acq: 18 Mar 2017 9:27

Tgt Ion	Ratio	Resp Lower	Resp Upper
105	100		
71	5.0	2.8	4.2#
51	34.8	30.7	46.1
120	22.1	17.4	26.0





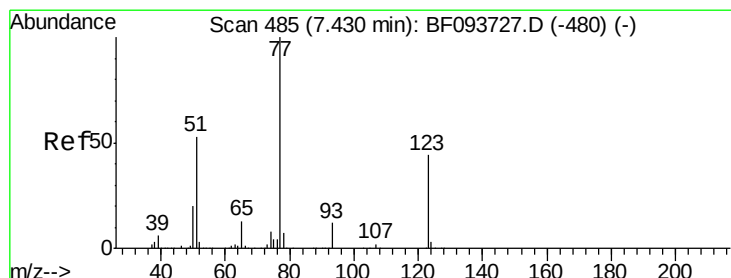
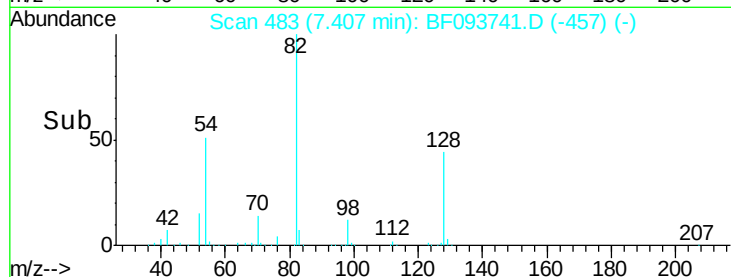
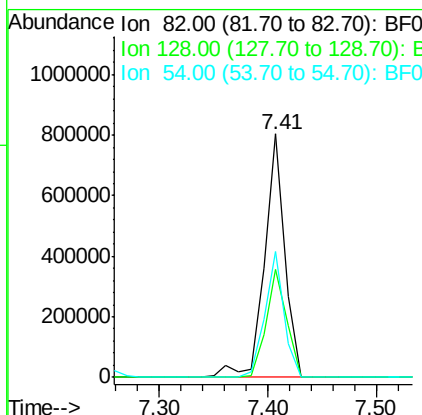
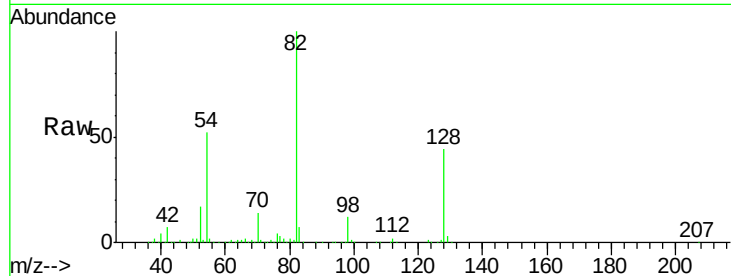
#23
 Nitrobenzene-d5
 Concen: 81.96 ng
 RT: 7.41 min Scan# 483
 Delta R.T. 0.00 min
 Lab File: BF093741.D
 Acq: 18 Mar 2017 9:27

Instrument :
 BNA_F
 ClientSampleId :
 PB97670BS

Tgt Ion: 82 Resp: 1044181
 Ion Ratio Lower Upper
 82 100
 128 44.3 34.0 51.0
 54 51.9 42.2 63.2

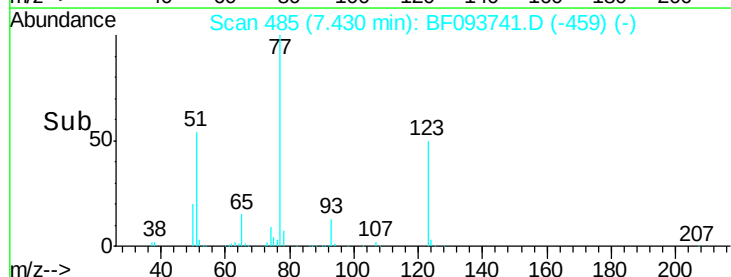
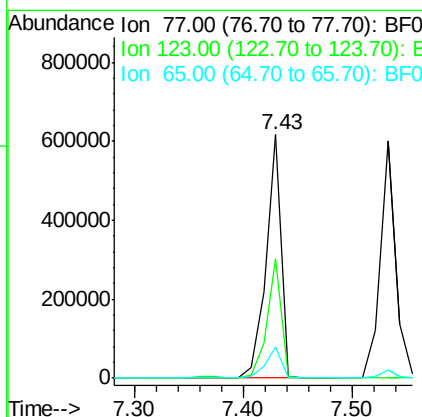
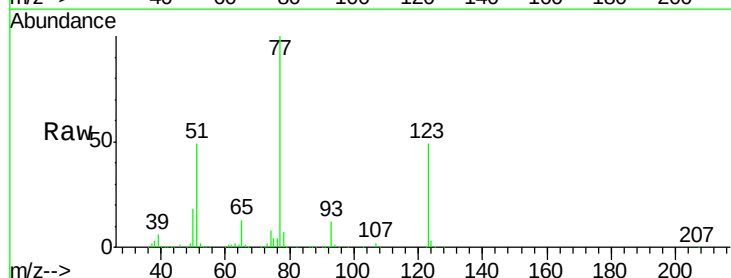
Manual Integrations
 APPROVED

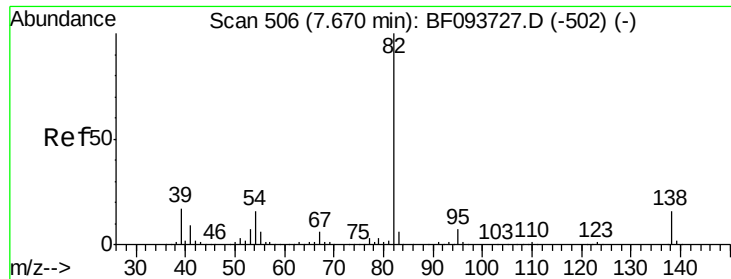
mohammad
 3/20/2017 12:59:44 PM



#24
 Nitrobenzene
 Concen: 43.34 ng
 RT: 7.43 min Scan# 485
 Delta R.T. 0.00 min
 Lab File: BF093741.D
 Acq: 18 Mar 2017 9:27

Tgt Ion: 77 Resp: 596912
 Ion Ratio Lower Upper
 77 100
 123 49.1 35.8 53.8
 65 12.7 10.6 15.8





#25

Isophorone

Concen: 39.92 ng

RT: 7.67 min Scan# 506

Delta R.T. 0.00 min

Lab File: BF093741.D

Acq: 18 Mar 2017 9:27

Instrument :

BNA_F

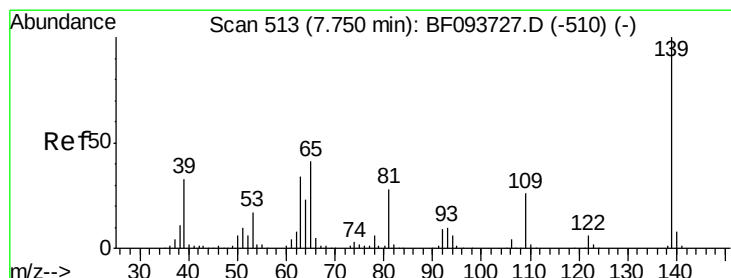
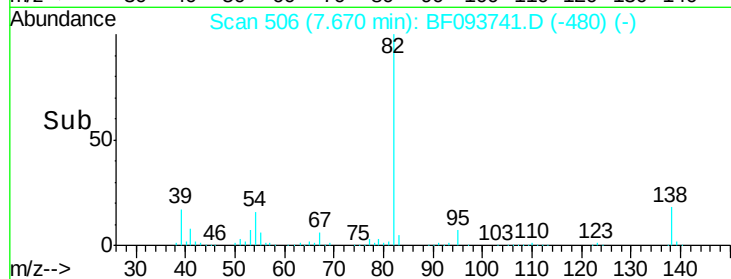
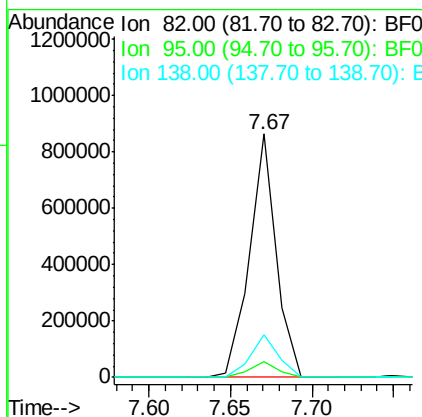
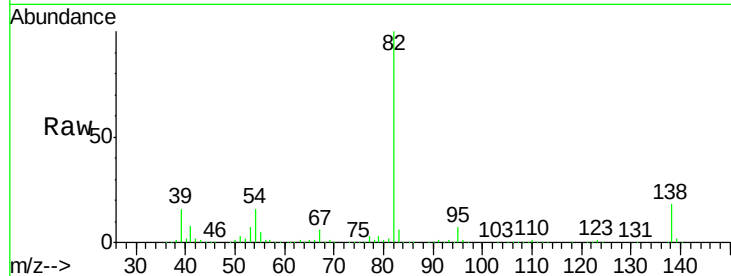
ClientSampleId :

PB97670BS

Tgt Ion:	82	Resp:	979050
Ion Ratio		Lower	Upper
82	100		
95	6.6	5.3	7.9
138	17.6	13.1	19.7

Manual Integrations
APPROVED

mohammad
3/20/2017 12:59:44 PM



#26

2-Nitrophenol

Concen: 53.28 ng

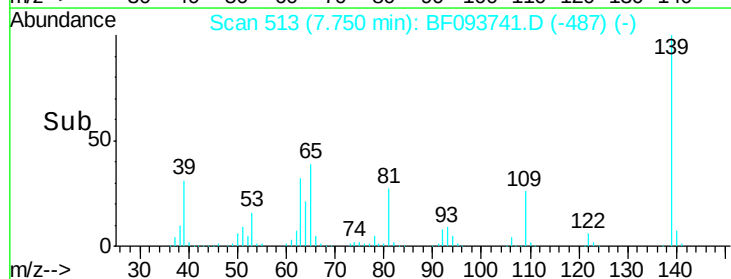
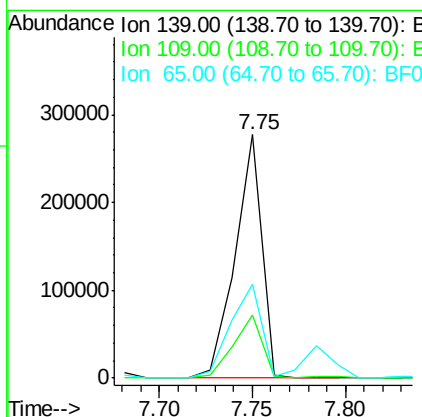
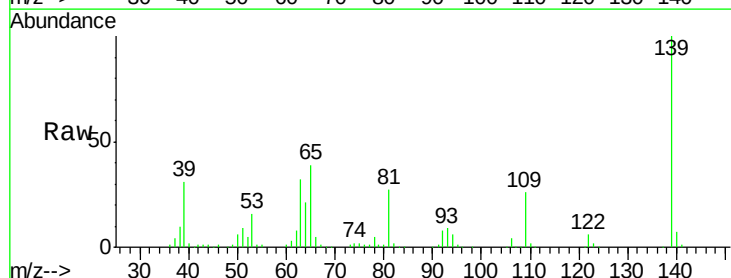
RT: 7.75 min Scan# 513

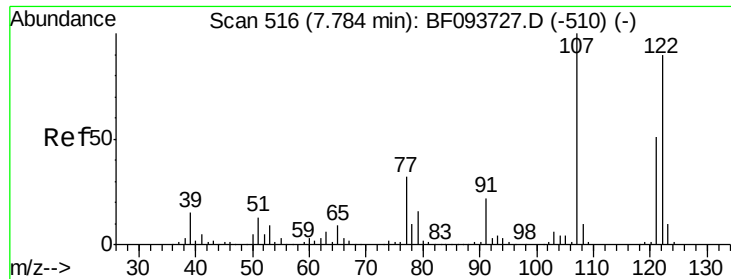
Delta R.T. 0.00 min

Lab File: BF093741.D

Acq: 18 Mar 2017 9:27

Tgt Ion:	139	Resp:	277816
Ion Ratio		Lower	Upper
139	100		
109	26.0	21.0	31.6
65	38.6	33.0	49.6





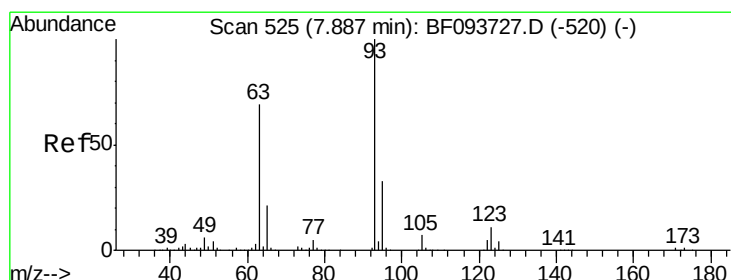
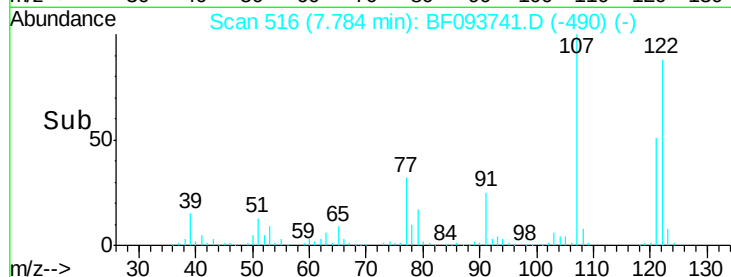
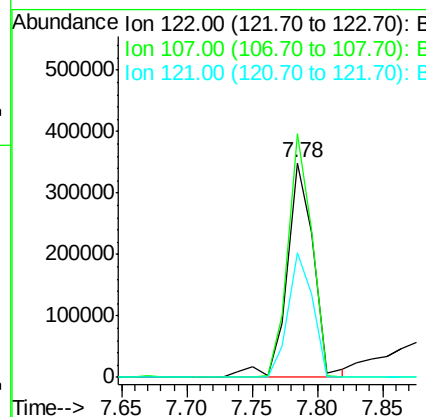
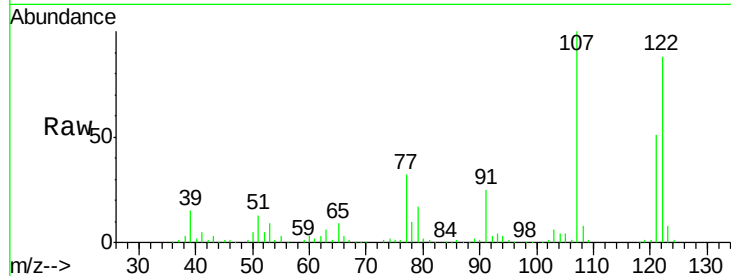
#27
 2,4-Dimethylphenol
 Concen: 41.47 ng
 RT: 7.78 min Scan# 516
 Delta R.T. 0.00 min
 Lab File: BF093741.D
 Acq: 18 Mar 2017 9:27

Instrument :
 BNA_F
 ClientSampleId :
 PB97670BS

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	494884		
107	113.5	89.2	133.8	
121	57.9	45.2	67.8	

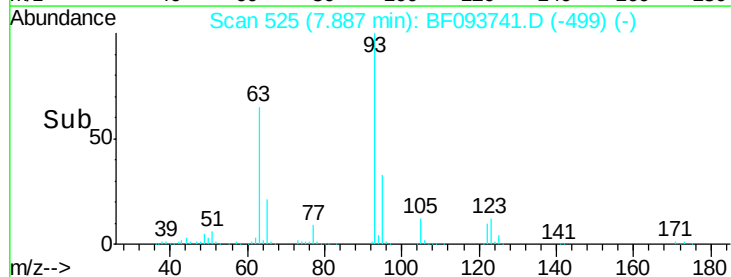
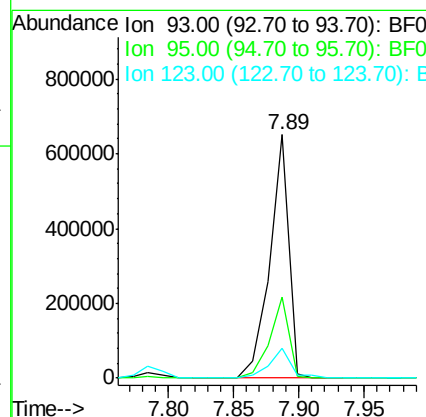
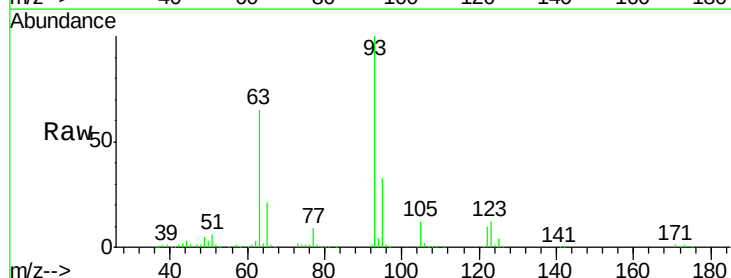
Manual Integrations
 APPROVED

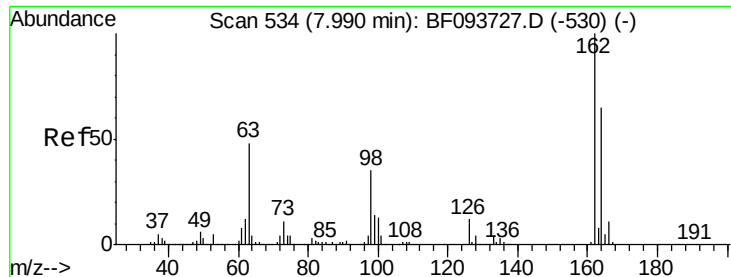
mohammad
 3/20/2017 12:59:44 PM



#28
 bis(2-Chloroethoxy)methane
 Concen: 42.93 ng
 RT: 7.89 min Scan# 525
 Delta R.T. 0.00 min
 Lab File: BF093741.D
 Acq: 18 Mar 2017 9:27

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	664537		
95	33.3	26.5	39.7	
123	12.3	9.0	13.4	





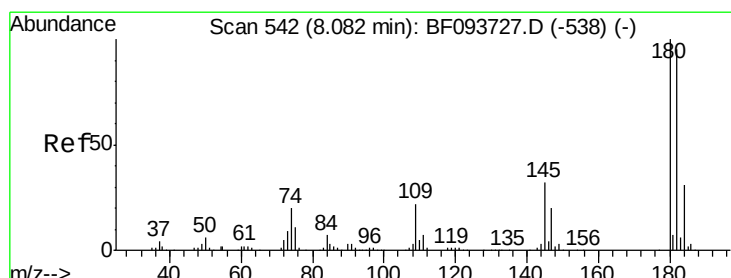
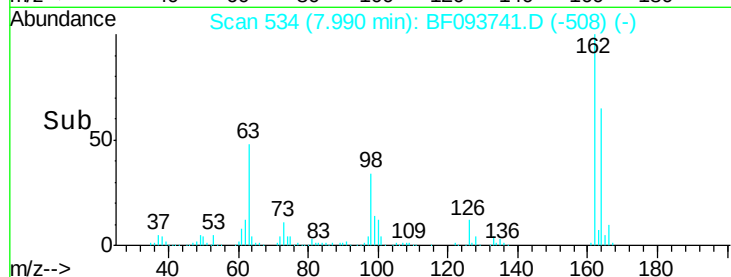
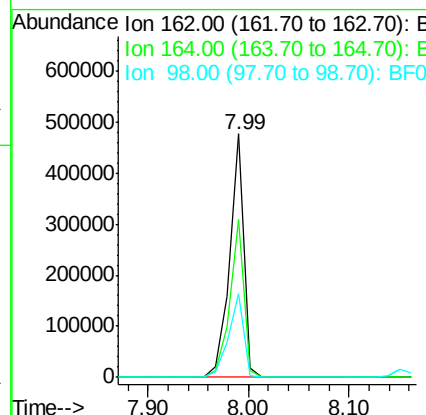
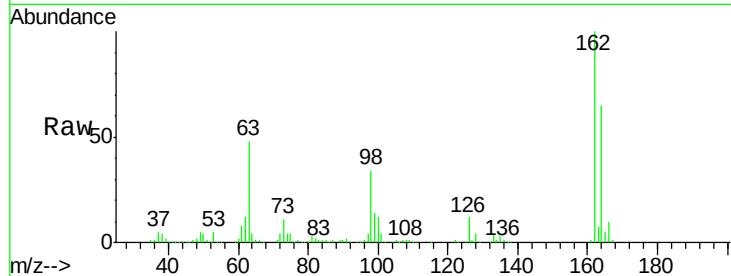
#29
2,4-Dichlorophenol
Concen: 45.23 ng
RT: 7.99 min Scan# 534
Delta R.T. 0.00 min
Lab File: BF093741.D
Acq: 18 Mar 2017 9:27

Instrument :
BNA_F
ClientSampleId :
PB97670BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
162	100		
164	64.8	44.6	84.6
98	34.3	14.8	54.8

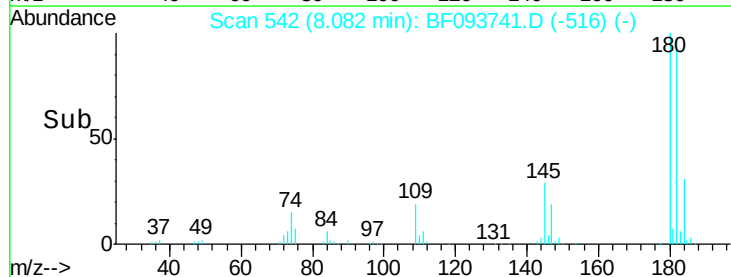
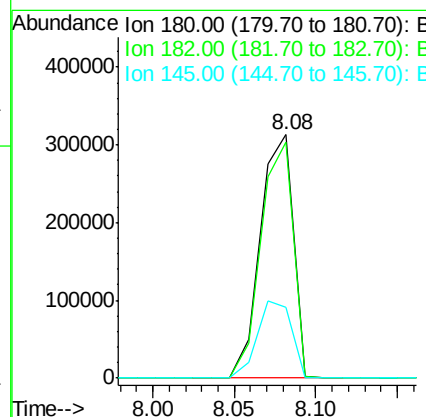
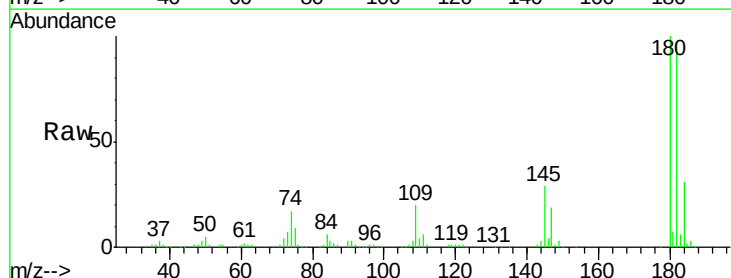
Manual Integrations
APPROVED

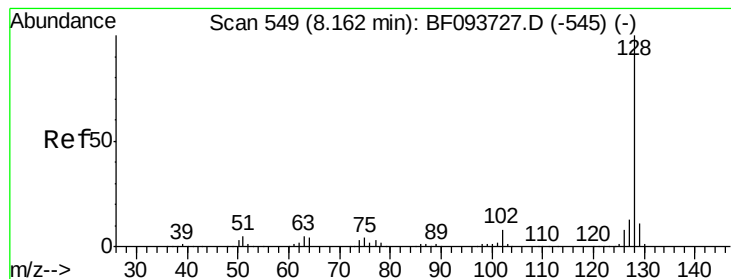
mohammad
3/20/2017 12:59:44 PM



#30
1,2,4-Trichlorobenzene
Concen: 41.18 ng
RT: 8.08 min Scan# 542
Delta R.T. 0.00 min
Lab File: BF093741.D
Acq: 18 Mar 2017 9:27

Tgt Ion	Ratio	Resp Lower	Resp Upper
180	100		
182	97.1	75.8	113.6
145	29.2	25.3	37.9





#31

Naphthalene

Concen: 39.42 ng

RT: 8.15 min Scan# 548

Delta R.T. -0.01 min

Lab File: BF093741.D

Acq: 18 Mar 2017 9:27

Instrument :

BNA_F

ClientSampleId :

PB97670BS

Tgt Ion:128 Resp: 1469693

Ion Ratio Lower Upper

128 100

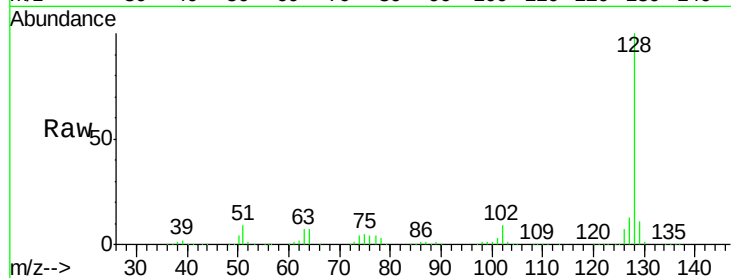
129 11.5 9.0 13.6

127 13.4 10.8 16.2

Manual Integrations
APPROVED

mohammad

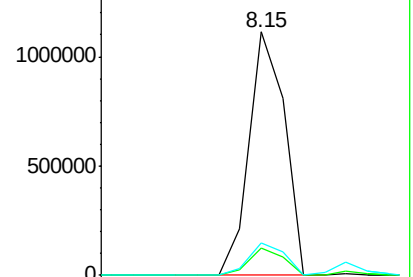
3/20/2017 12:59:44 PM



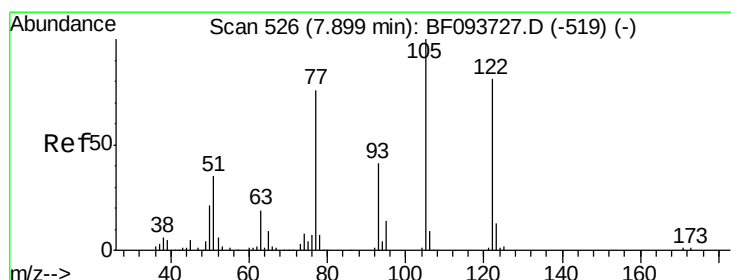
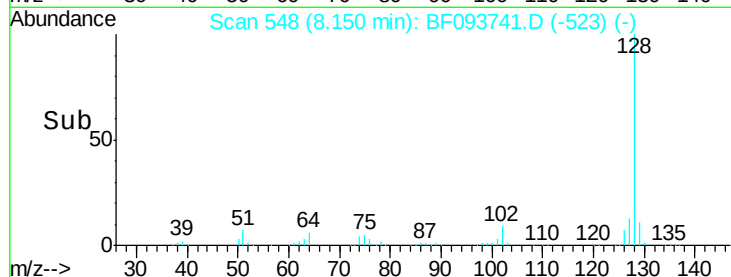
Abundance Ion 128.00 (127.70 to 128.70): E

1500000 Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



Time-->



#32

Benzoic acid

Concen: 43.35 ng

RT: 7.91 min Scan# 527

Delta R.T. 0.01 min

Lab File: BF093741.D

Acq: 18 Mar 2017 9:27

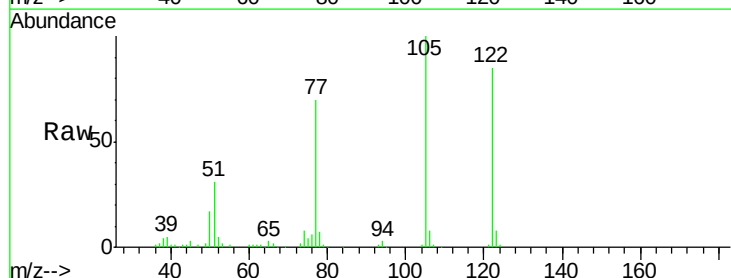
Tgt Ion:122 Resp: 316919

Ion Ratio Lower Upper

122 100

105 118.3 103.3 143.3

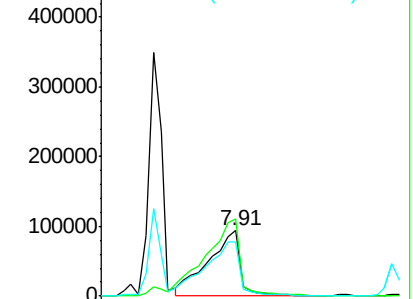
77 83.4 73.7 113.7



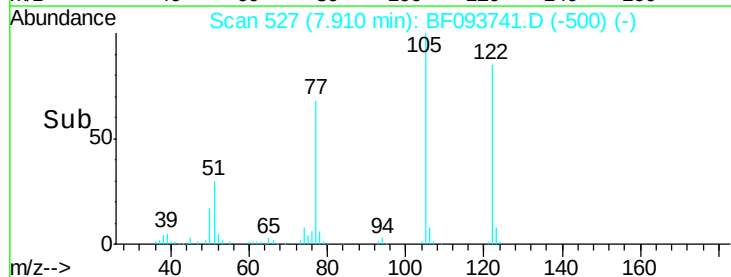
Abundance Ion 122.00 (121.70 to 122.70): E

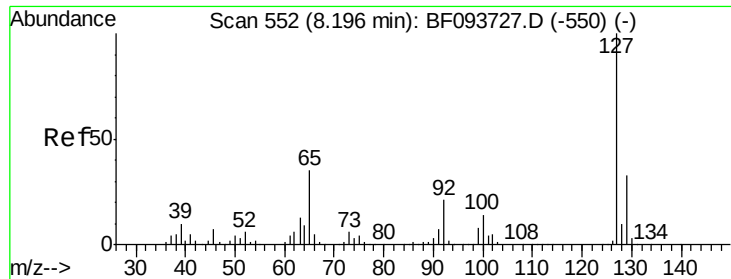
Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0



Time-->





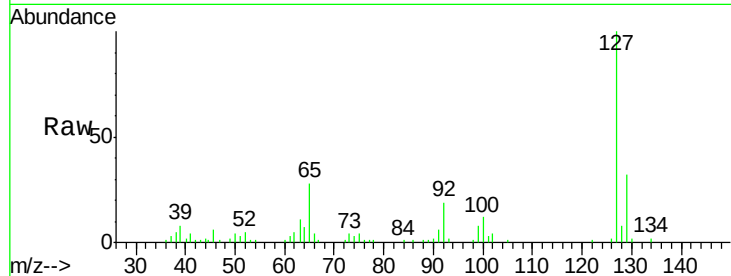
#33
4-Chloroaniline
Concen: 3.98 ng
RT: 8.20 min Scan# 552
Delta R.T. 0.00 min
Lab File: BF093741.D
Acq: 18 Mar 2017 9:27

Instrument :
BNA_F
ClientSampleId :
PB97670BS

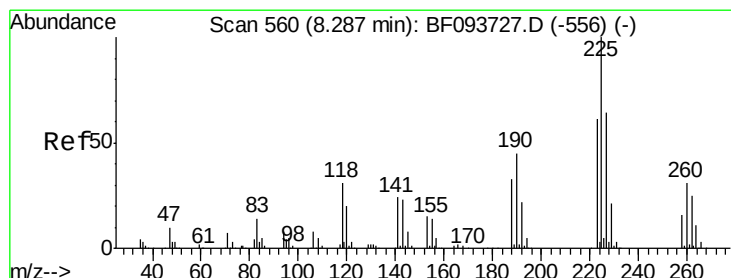
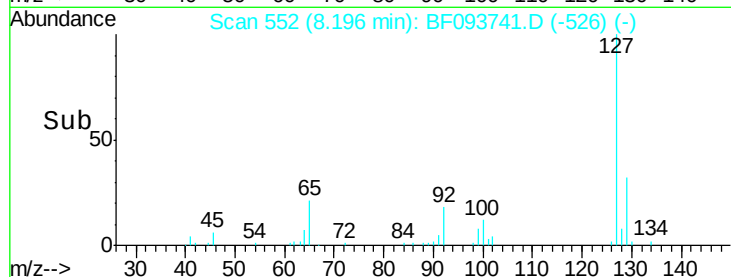
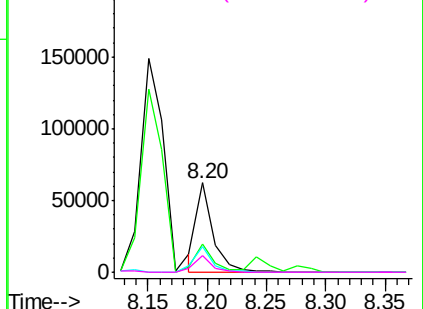
Tgt Ion	Ratio	Lower	Upper
127	100		
129	32.0	26.2	39.2
65	28.3	27.8	41.8
92	18.6	16.8	25.2

Manual Integrations
APPROVED

mohammad
3/20/2017 12:59:44 PM

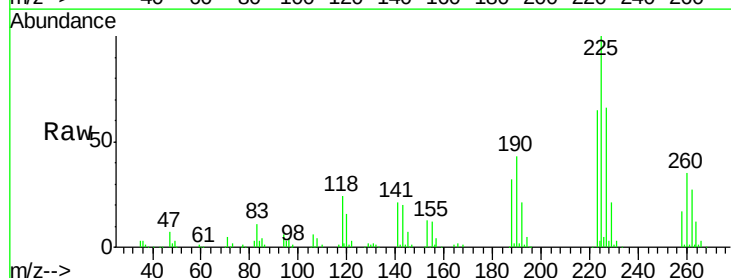


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

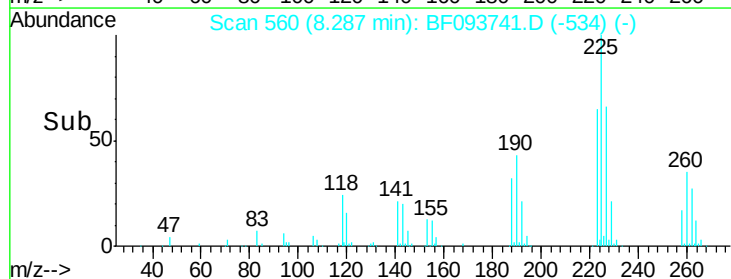
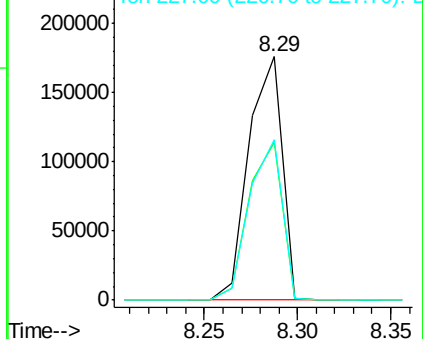


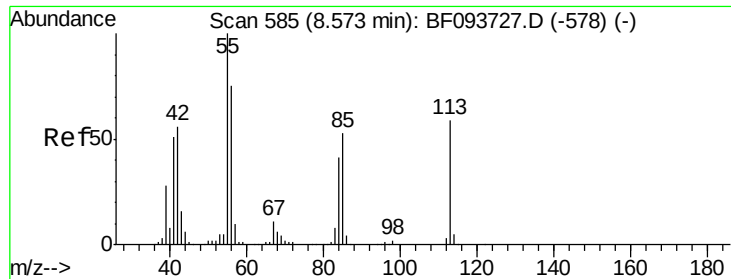
#34
Hexachlorobutadiene
Concen: 39.65 ng
RT: 8.29 min Scan# 560
Delta R.T. 0.00 min
Lab File: BF093741.D
Acq: 18 Mar 2017 9:27

Tgt Ion	Ratio	Lower	Upper
225	100		
223	64.6	48.8	73.2
227	66.1	51.1	76.7



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





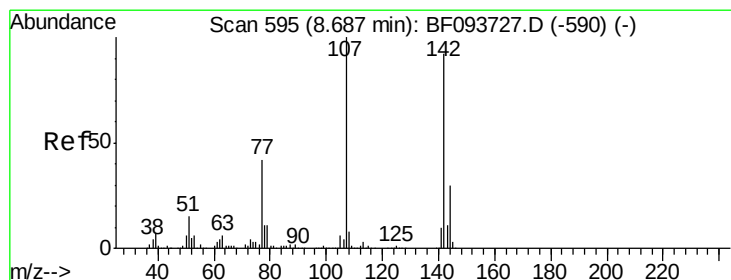
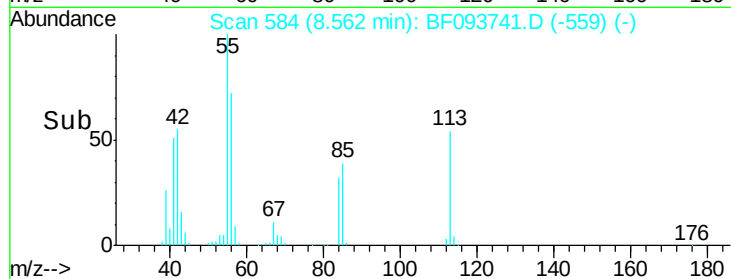
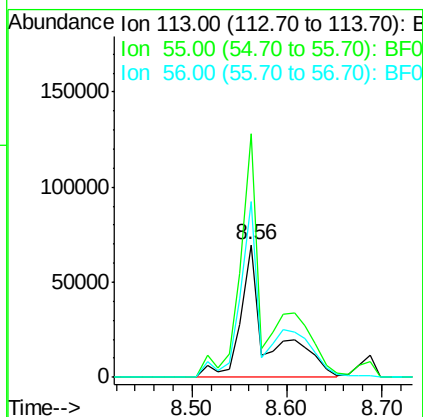
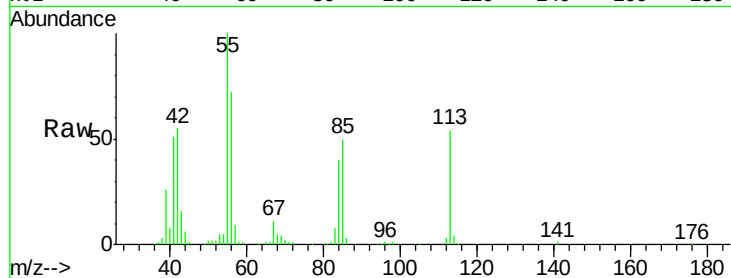
#35
 Caprolactam
 Concen: 41.30 ng m
 RT: 8.56 min Scan# 584
 Delta R.T. -0.01 min
 Lab File: BF093741.D
 Acq: 18 Mar 2017 9:27

Instrument :
 BNA_F
 ClientSampleId :
 PB97670BS

Tgt Ion	Ratio	Lower	Upper
113	100		
55	183.6	150.2	190.2
56	132.4	107.8	147.8

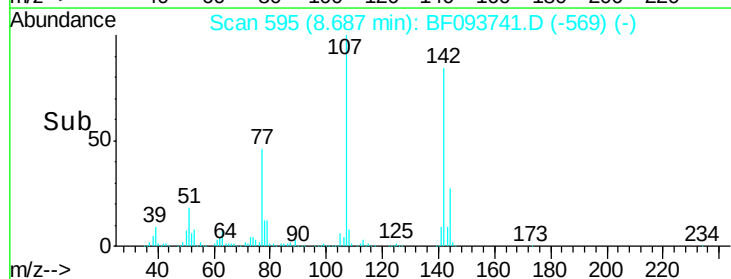
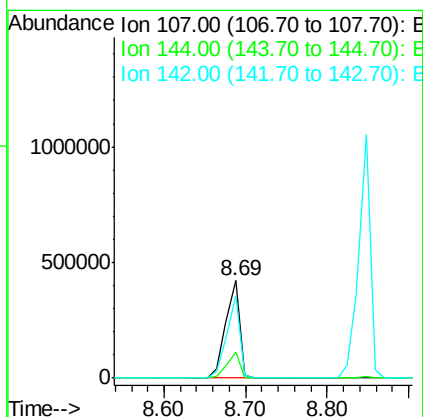
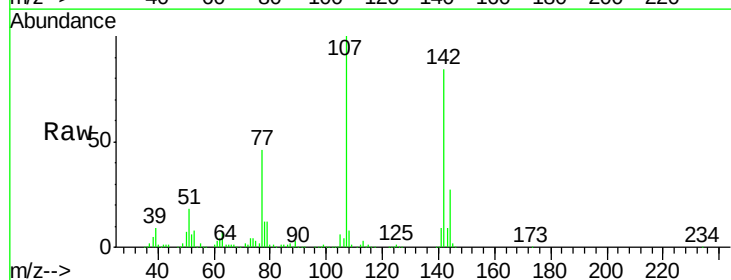
Manual Integrations
 APPROVED

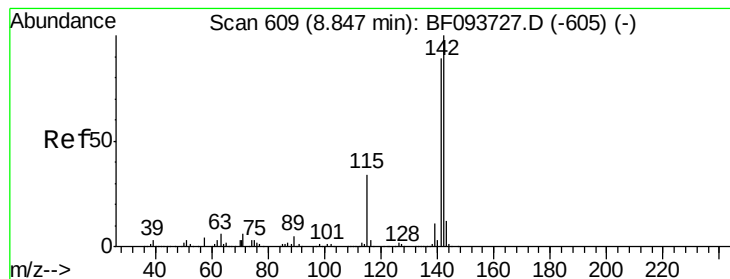
mohammad
 3/20/2017 12:59:44 PM



#36
 4-Chloro-3-methylphenol
 Concen: 45.68 ng
 RT: 8.69 min Scan# 595
 Delta R.T. 0.00 min
 Lab File: BF093741.D
 Acq: 18 Mar 2017 9:27

Tgt Ion	Ratio	Lower	Upper
107	100		
144	27.2	24.2	36.4
142	84.0	73.4	110.0





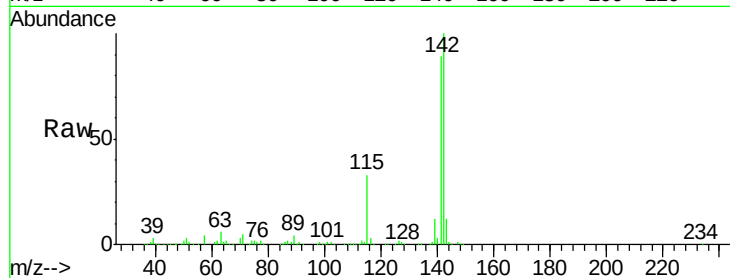
#37
 2-Methylnaphthalene
 Concen: 42.98 ng
 RT: 8.85 min Scan# 609
 Delta R.T. 0.00 min
 Lab File: BF093741.D
 Acq: 18 Mar 2017 9:27

Instrument :
 BNA_F
 ClientSampleId :
 PB97670BS

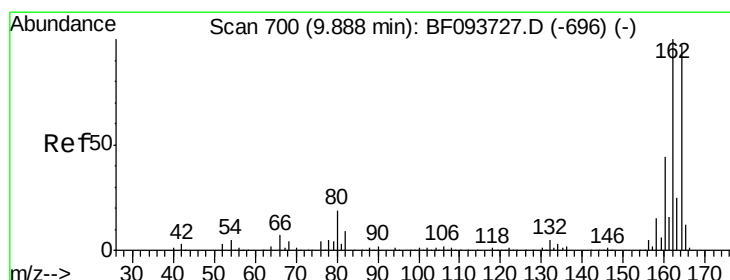
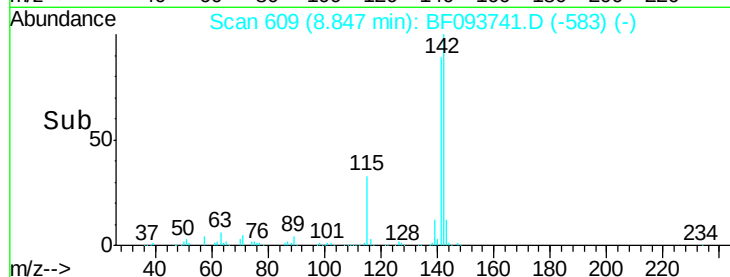
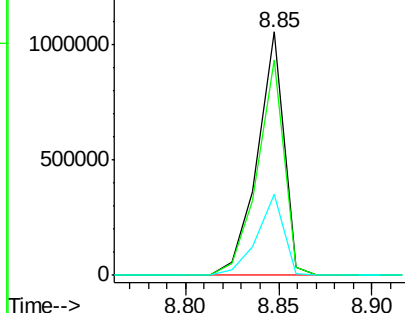
Tgt Ion	Ratio	Lower	Upper
142	100		
141	88.6	71.3	106.9
115	33.2	27.1	40.7

Manual Integrations
 APPROVED

mohammad
 3/20/2017 12:59:44 PM

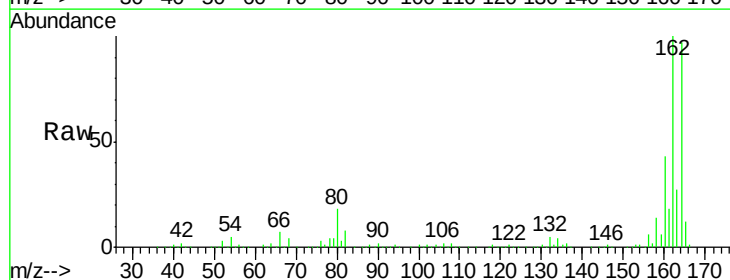


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

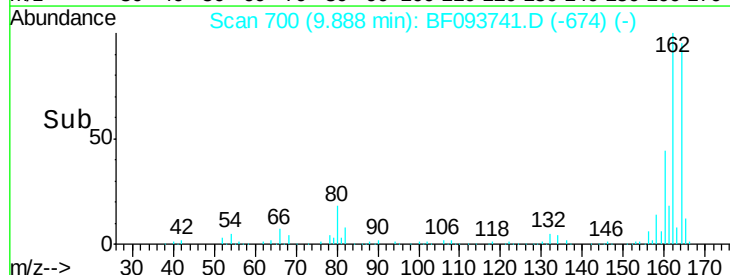
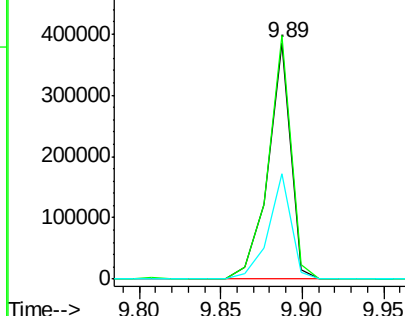


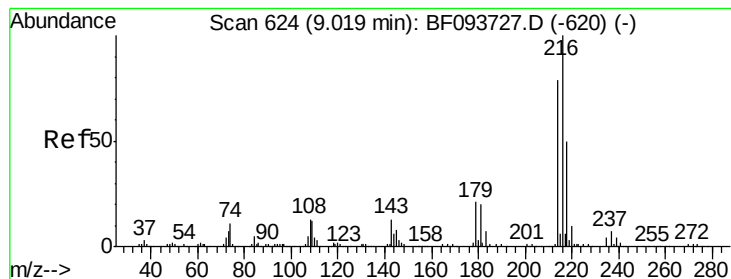
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.89 min Scan# 700
 Delta R.T. 0.00 min
 Lab File: BF093741.D
 Acq: 18 Mar 2017 9:27

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.2	82.6	123.8
160	44.8	36.2	54.2



Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E





#39

1,2,4,5-Tetrachlorobenzene

Concen: 43.24 ng

RT: 9.02 min Scan# 624

Delta R.T. 0.00 min

Lab File: BF093741.D

Acq: 18 Mar 2017 9:27

Instrument :

BNA_F

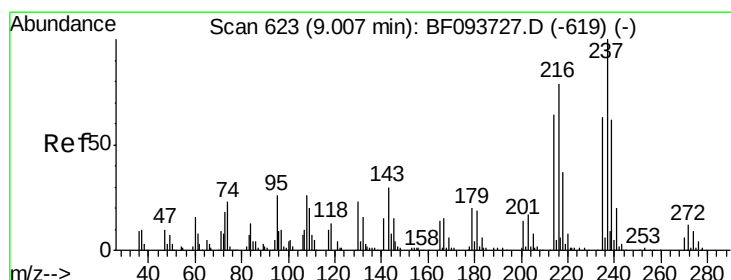
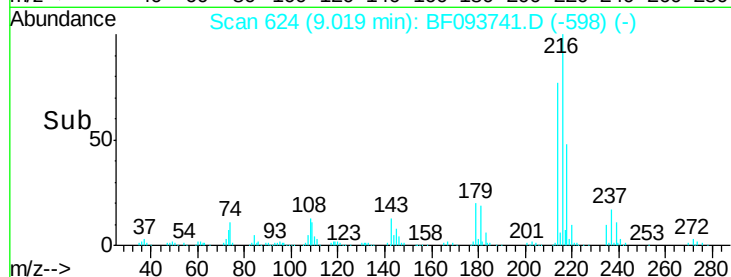
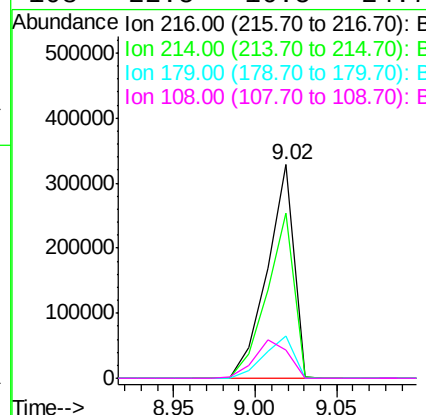
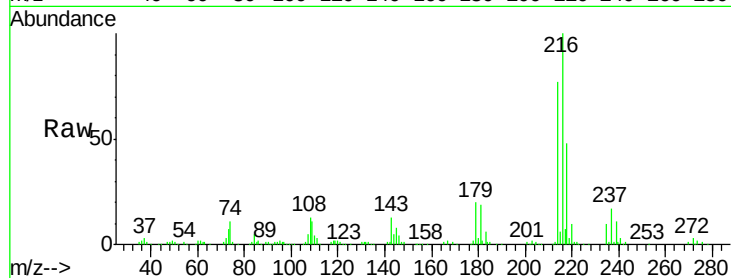
ClientSampleId :

PB97670BS

Tgt Ion	Ratio	Resp	Lower	Upper
216	100	375945		
214	78.5	63.4	95.2	
179	21.8	17.9	26.9	
108	22.5	16.5	24.7	

Manual Integrations
APPROVED

mohammad
3/20/2017 12:59:44 PM



#40

Hexachlorocyclopentadiene

Concen: 89.38 ng

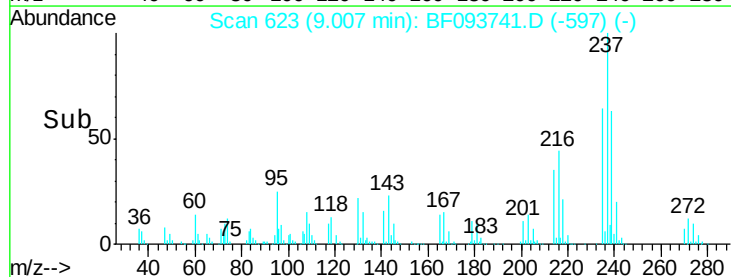
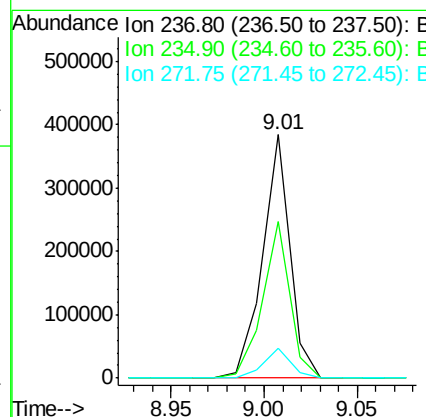
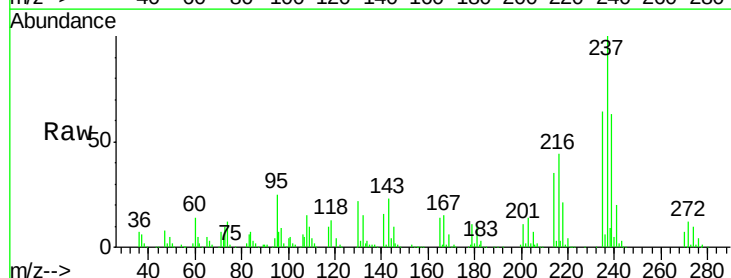
RT: 9.01 min Scan# 623

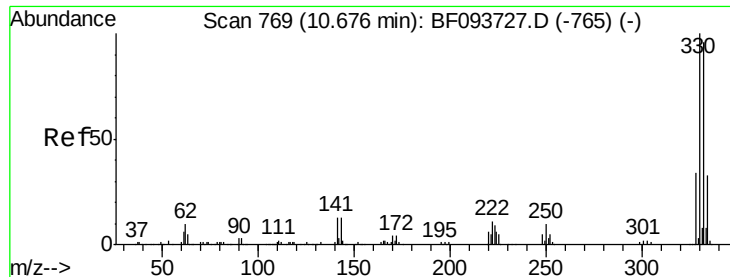
Delta R.T. 0.00 min

Lab File: BF093741.D

Acq: 18 Mar 2017 9:27

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	388233		
235	64.2	42.6	82.6	
272	12.3	0.0	31.9	





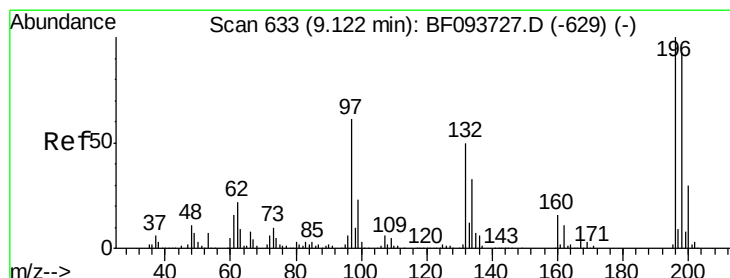
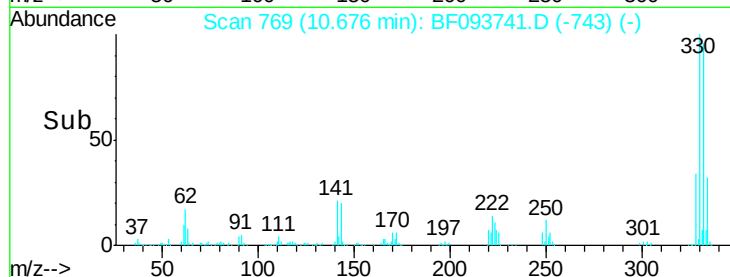
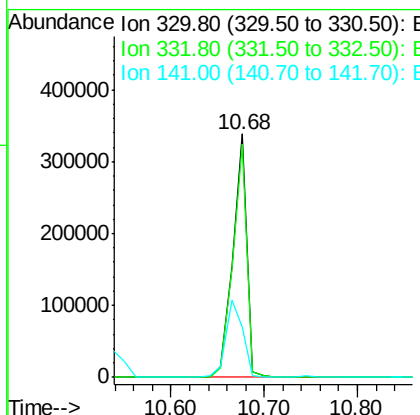
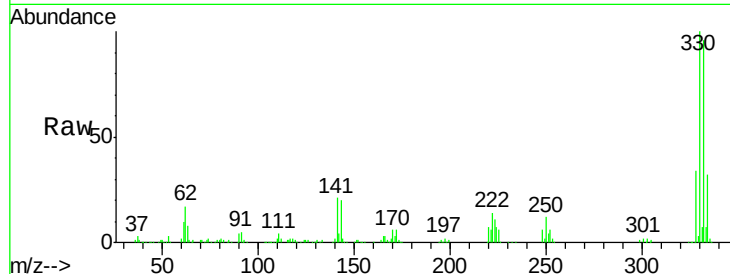
#41
 2,4,6-Tribromophenol
 Concen: 147.18 ng
 RT: 10.68 min Scan# 769
 Delta R.T. 0.00 min
 Lab File: BF093741.D
 Acq: 18 Mar 2017 9:27

Instrument :
 BNA_F
 ClientSampleId :
 PB97670BS

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	357658		
332	96.3	76.6	115.0	
141	37.9	31.4	47.2	

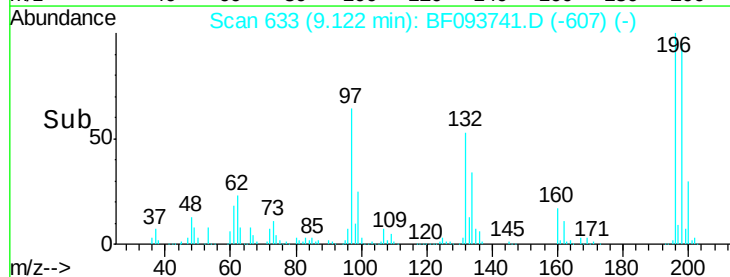
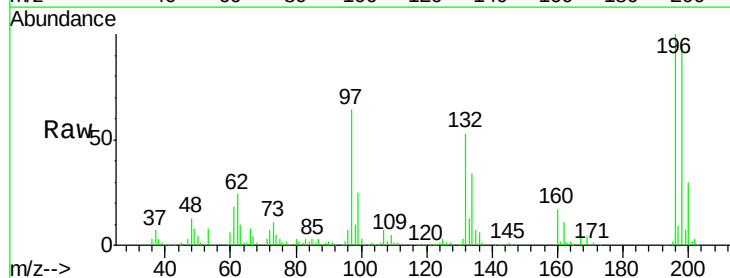
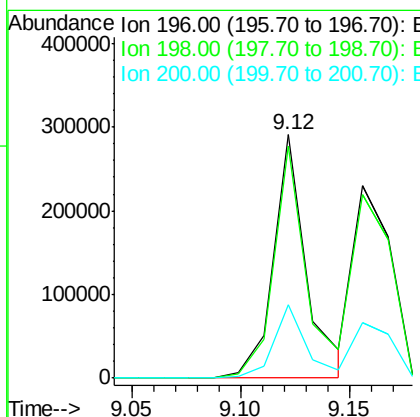
Manual Integrations
 APPROVED

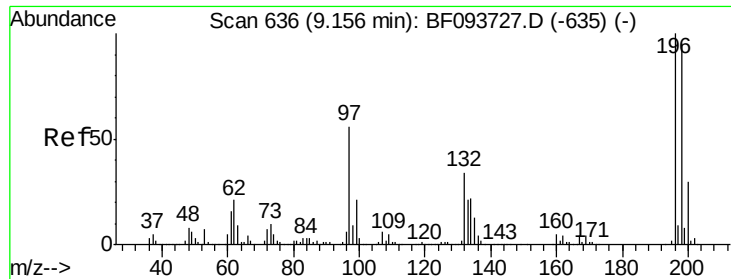
mohammad
 3/20/2017 12:59:44 PM



#42
 2,4,6-Trichlorophenol
 Concen: 48.10 ng
 RT: 9.12 min Scan# 633
 Delta R.T. 0.00 min
 Lab File: BF093741.D
 Acq: 18 Mar 2017 9:27

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	308331		
198	95.4	74.2	111.4	
200	30.0	24.0	36.0	





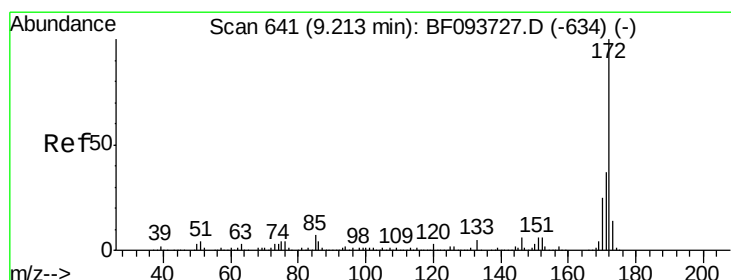
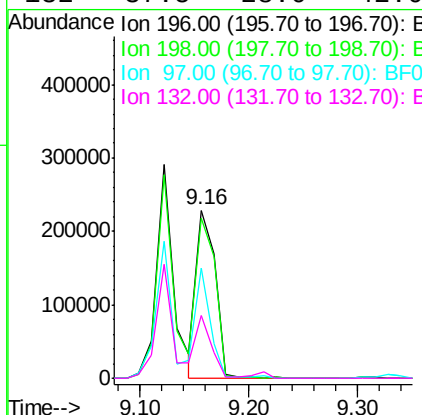
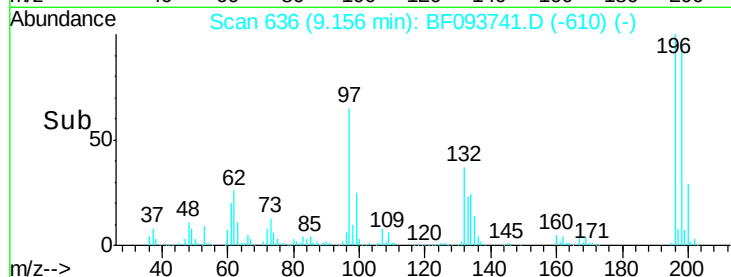
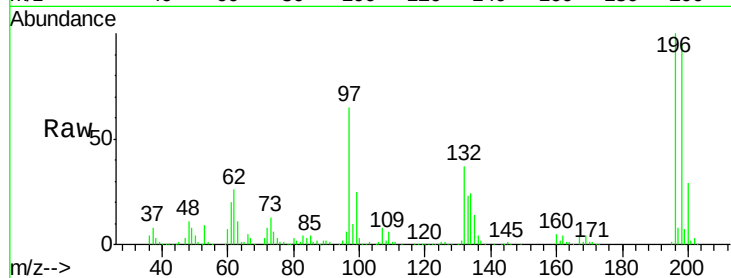
#43
 2,4,5-Trichlorophenol
 Concen: 42.31 ng
 RT: 9.16 min Scan# 636
 Delta R.T. 0.00 min
 Lab File: BF093741.D
 Acq: 18 Mar 2017 9:27

Instrument :
 BNA_F
 ClientSampleId :
 PB97670BS

Tgt Ion:	196	Resp:	279621
Ion Ratio	Lower	Upper	
196	100		
198	95.4	75.7	113.5
97	65.5	47.7	71.5
132	37.5	28.0	42.0

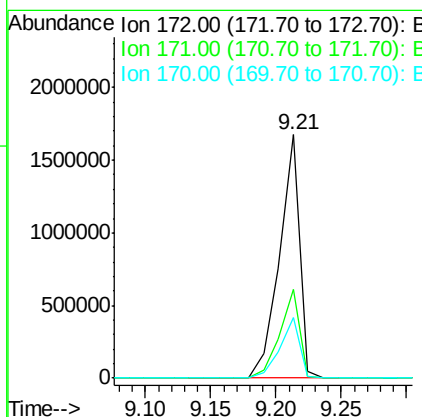
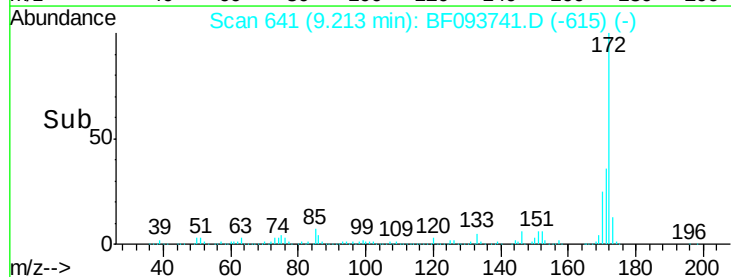
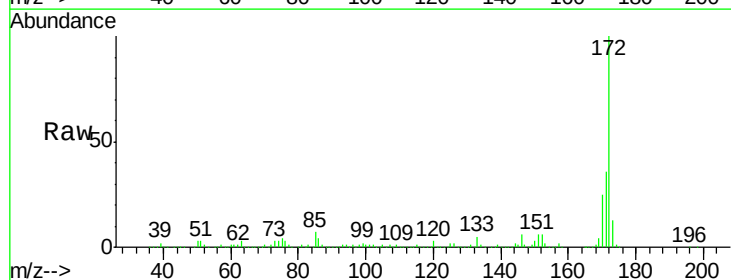
Manual Integrations
 APPROVED

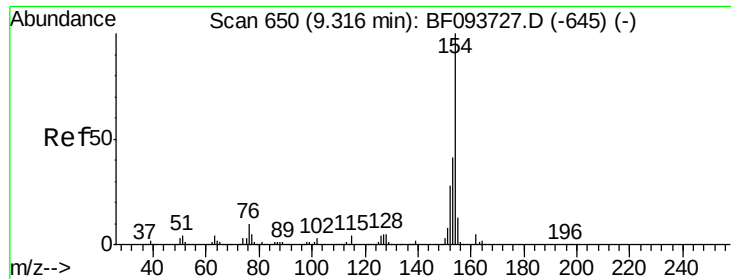
mohammad
 3/20/2017 12:59:44 PM



#44
 2-Fluorobiphenyl
 Concen: 92.17 ng
 RT: 9.21 min Scan# 641
 Delta R.T. 0.00 min
 Lab File: BF093741.D
 Acq: 18 Mar 2017 9:27

Tgt Ion:	172	Resp:	1813585
Ion Ratio	Lower	Upper	
172	100		
171	36.3	29.6	44.4
170	24.8	19.8	29.8





#45

1,1'-Biphenyl

Concen: 43.91 ng

RT: 9.32 min Scan# 650

Delta R.T. 0.00 min

Lab File: BF093741.D

Acq: 18 Mar 2017 9:27

Instrument :

BNA_F

ClientSampled :

PB97670BS

Tgt Ion:154 Resp: 1143232

Ion Ratio Lower Upper

154 100

153 40.4 21.2 61.2

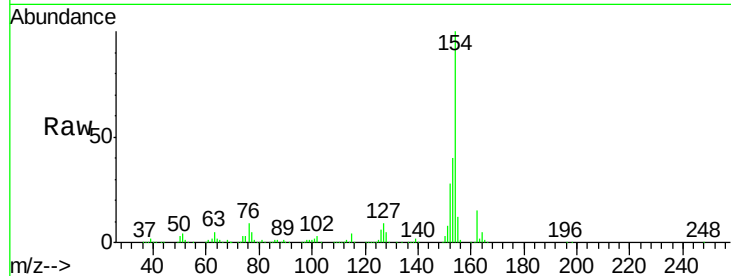
76 8.9 0.0 29.9

Manual Integrations

APPROVED

mohammad

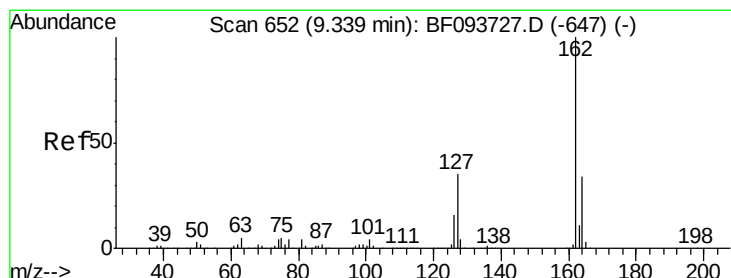
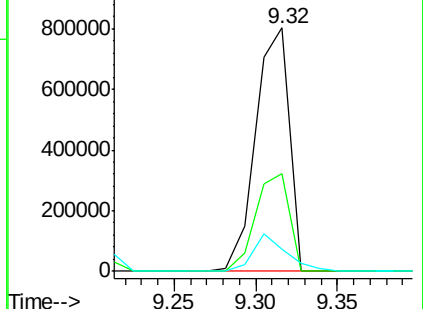
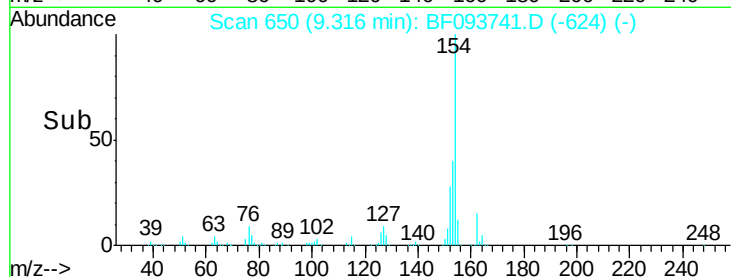
3/20/2017 12:59:44 PM



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: 43.45 ng

RT: 9.33 min Scan# 651

Delta R.T. -0.01 min

Lab File: BF093741.D

Acq: 18 Mar 2017 9:27

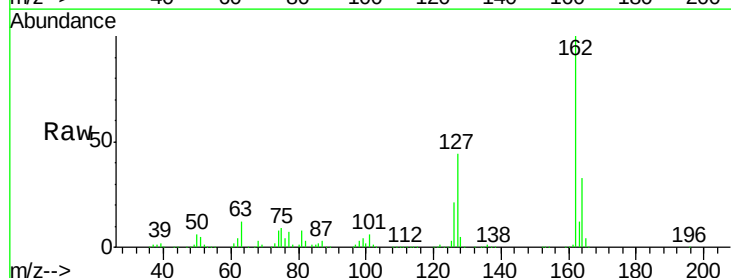
Tgt Ion:162 Resp: 907768

Ion Ratio Lower Upper

162 100

127 43.7 28.3 42.5#

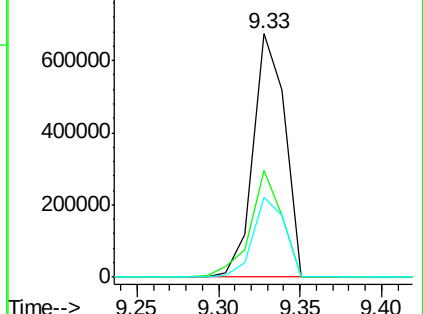
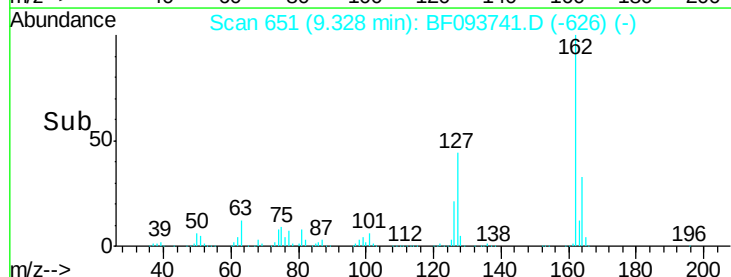
164 32.7 27.0 40.4

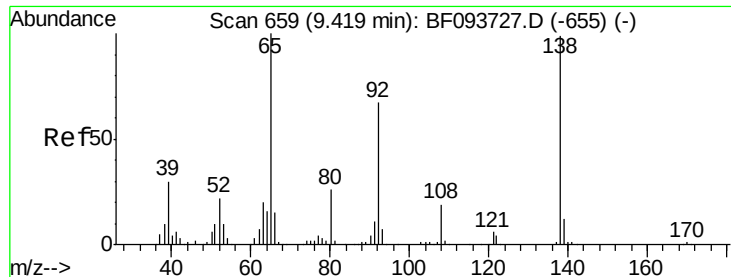


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





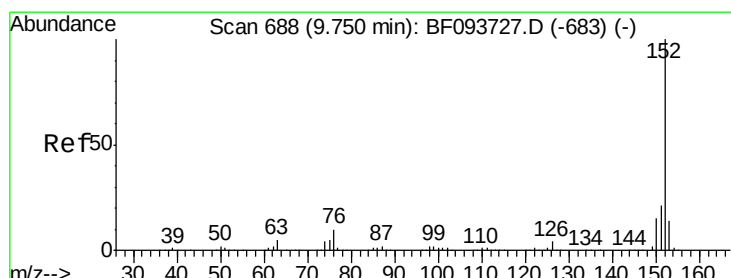
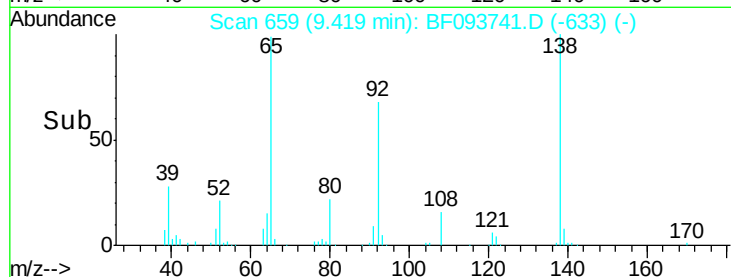
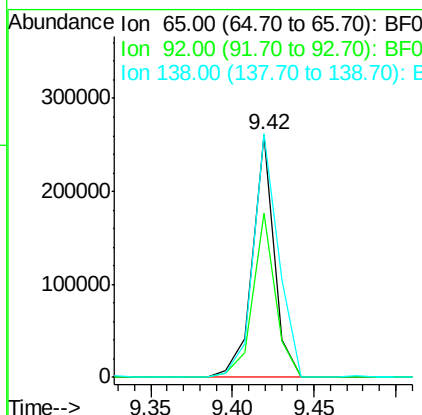
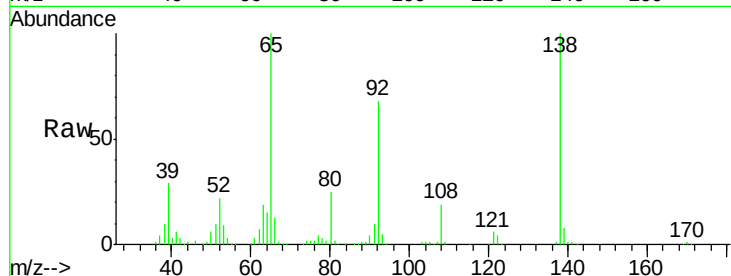
#47
2-Nitroaniline
Concen: 40.03 ng
RT: 9.42 min Scan# 659
Delta R.T. 0.00 min
Lab File: BF093741.D
Acq: 18 Mar 2017 9:27

Instrument :
BNA_F
ClientSampleId :
PB97670BS

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	241937		
92	67.9	53.9	80.9	
138	100.2	78.8	118.2	

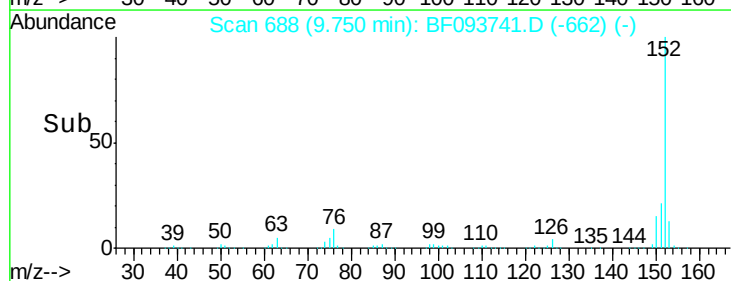
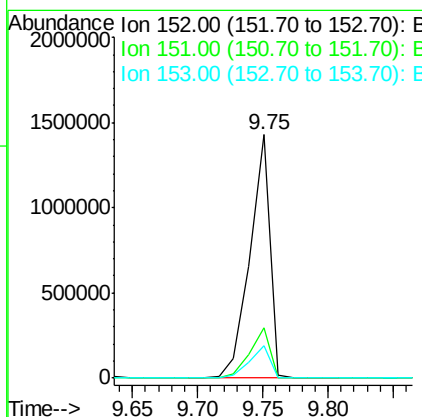
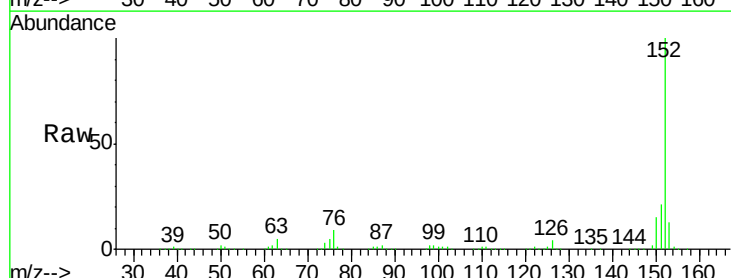
Manual Integrations
APPROVED

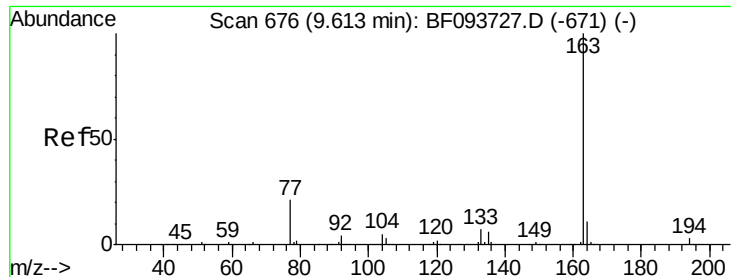
mohammad
3/20/2017 12:59:44 PM



#48
Acenaphthylene
Concen: 44.85 ng
RT: 9.75 min Scan# 688
Delta R.T. 0.00 min
Lab File: BF093741.D
Acq: 18 Mar 2017 9:27

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	1527983		
151	20.6	16.8	25.2	
153	13.4	10.8	16.2	





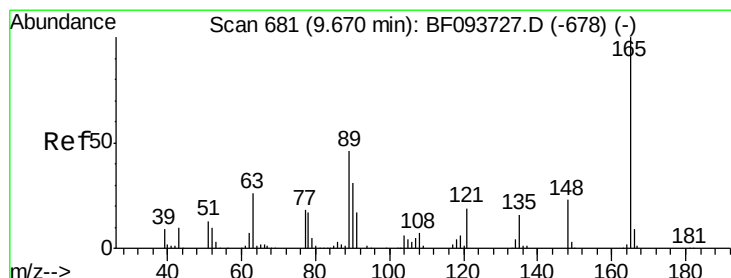
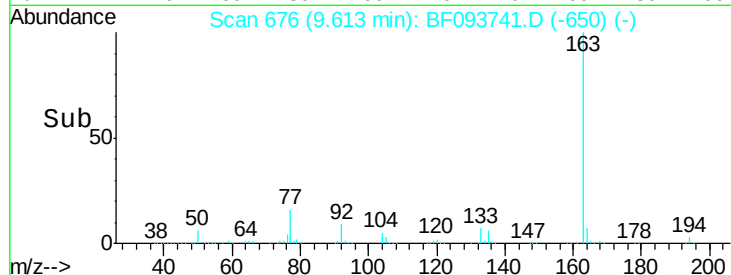
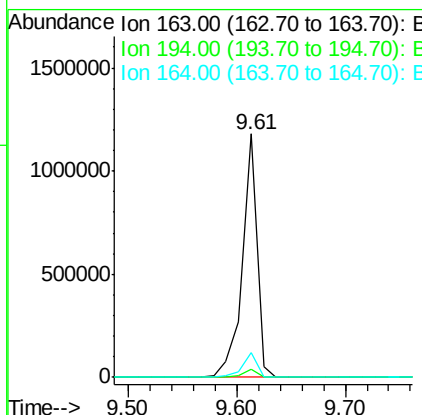
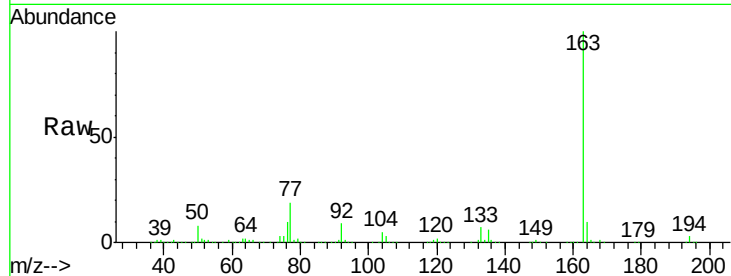
#49
Dimethylphthalate
Concen: 44.99 ng
RT: 9.61 min Scan# 676
Delta R.T. 0.00 min
Lab File: BF093741.D
Acq: 18 Mar 2017 9:27

Instrument :
BNA_F
ClientSampleId :
PB97670BS

Tgt Ion:163 Resp: 1091212
Ion Ratio Lower Upper
163 100
194 3.3 2.6 4.0
164 10.3 8.4 12.6

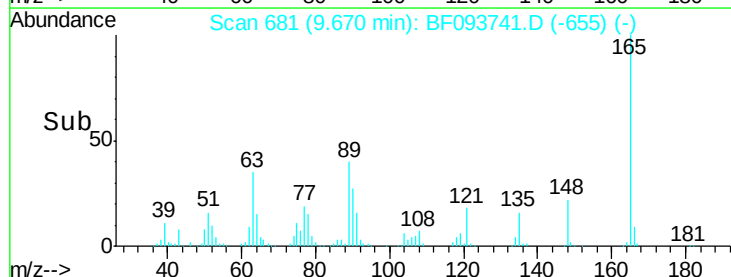
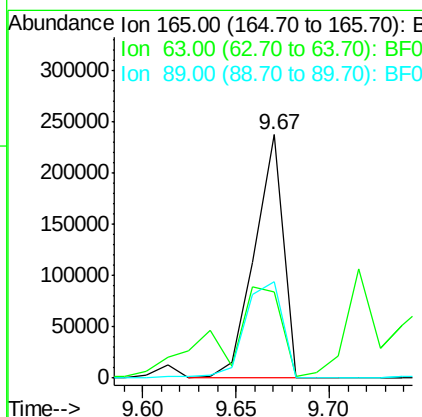
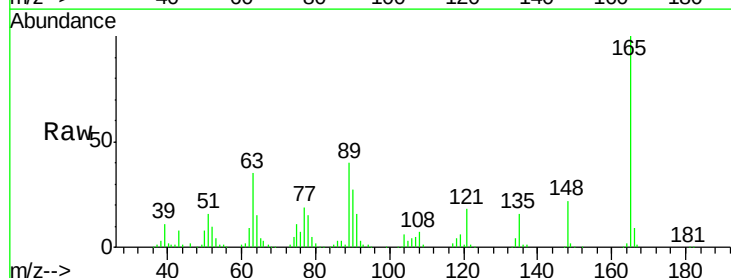
Manual Integrations
APPROVED

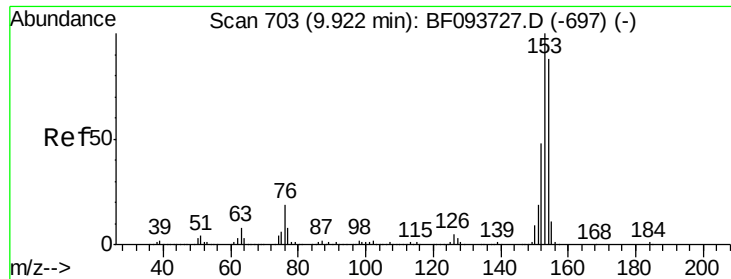
mohammad
3/20/2017 12:59:44 PM



#50
2,6-Dinitrotoluene
Concen: 48.26 ng
RT: 9.67 min Scan# 681
Delta R.T. 0.00 min
Lab File: BF093741.D
Acq: 18 Mar 2017 9:27

Tgt Ion:165 Resp: 252807
Ion Ratio Lower Upper
165 100
63 35.2 34.3 51.5
89 39.6 37.1 55.7





#51

Acenaphthene

Concen: 48.87 ng

RT: 9.92 min Scan# 703

Delta R.T. 0.00 min

Lab File: BF093741.D

Acq: 18 Mar 2017 9:27

Instrument :

BNA_F

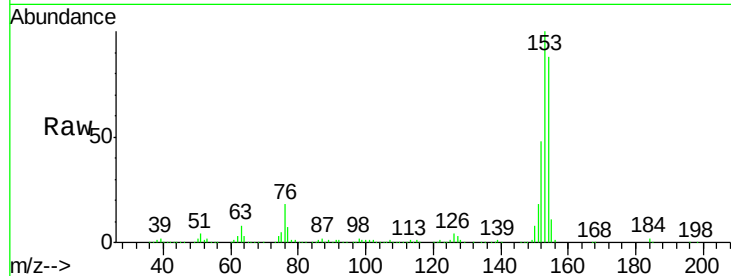
ClientSampleId :

PB97670BS

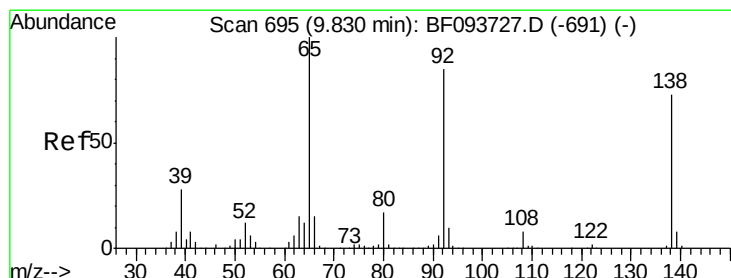
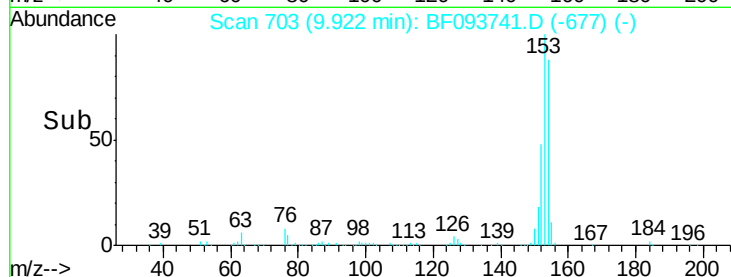
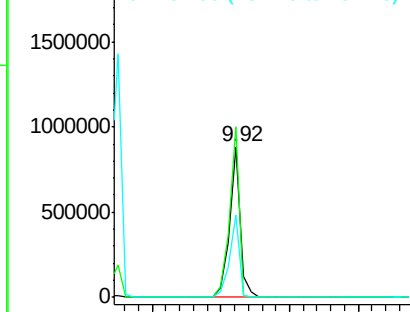
Tgt Ion:	154	Resp:	981239
Ion Ratio	Lower	Upper	
154	100		
153	113.4	90.5	135.7
152	54.8	43.6	65.4

Manual Integrations
APPROVED

mohammad
3/20/2017 12:59:44 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: 9.20 ng

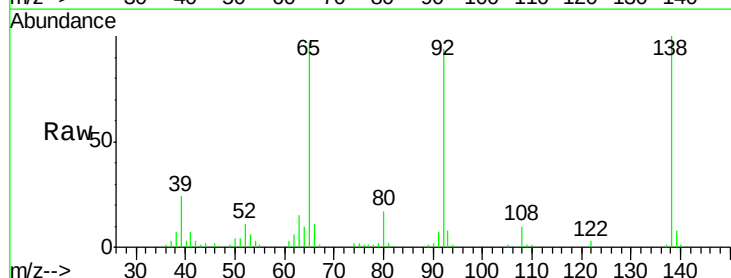
RT: 9.83 min Scan# 695

Delta R.T. 0.00 min

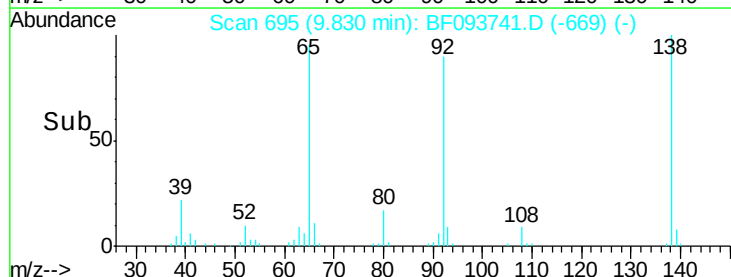
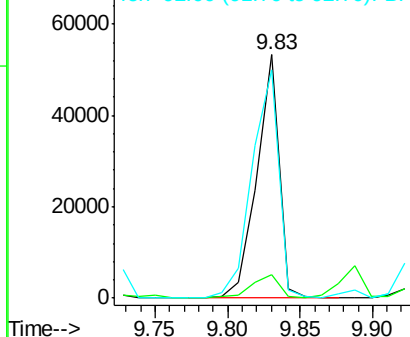
Lab File: BF093741.D

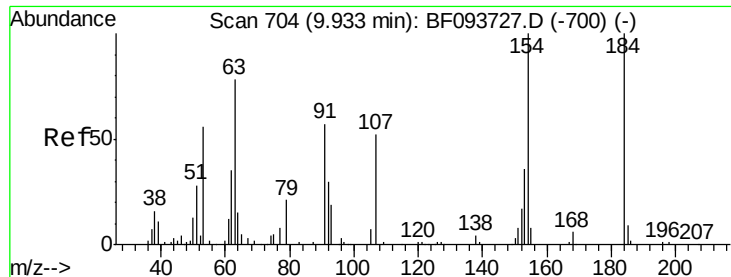
Acq: 18 Mar 2017 9:27

Tgt Ion:	138	Resp:	57171
Ion Ratio	Lower	Upper	
138	100		
108	9.9	9.1	13.7
92	93.9	93.8	140.6



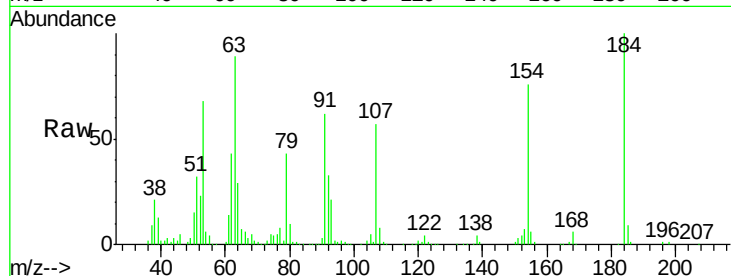
Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF0





#53
2,4-Dinitrophenol
Concen: 76.71 ng
RT: 9.93 min Scan# 704
Delta R.T. 0.00 min
Lab File: BF093741.D
Acq: 18 Mar 2017 9:27

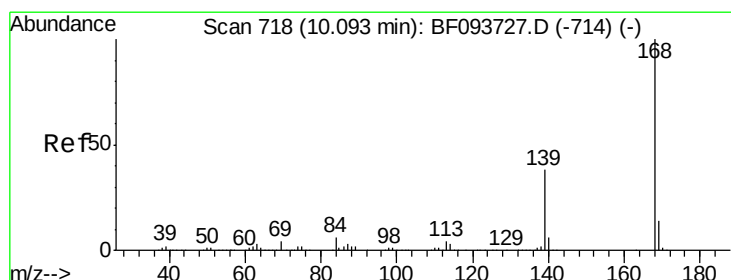
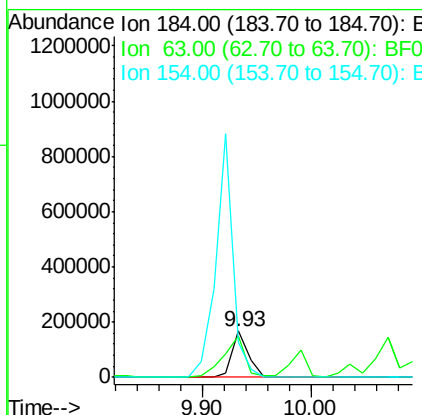
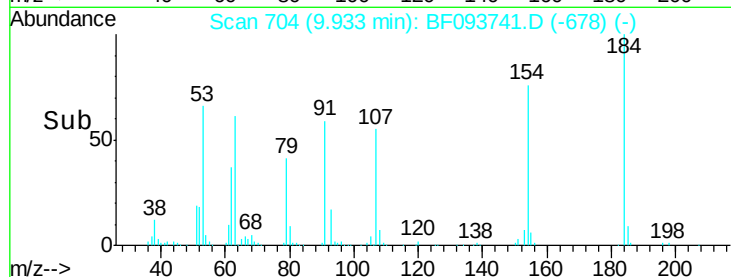
Instrument :
BNA_F
ClientSampleId :
PB97670BS



Tgt Ion:184 Resp: 173929
Ion Ratio Lower Upper
184 100
63 88.8 62.7 94.1
154 75.6 81.1 121.7#

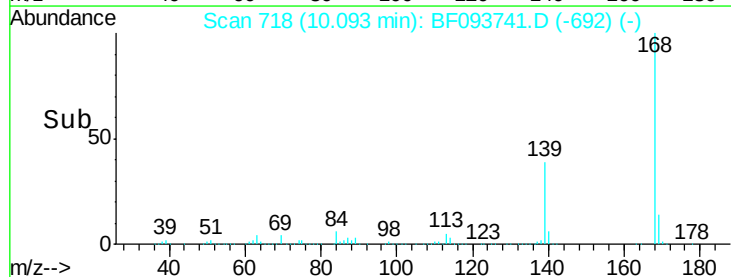
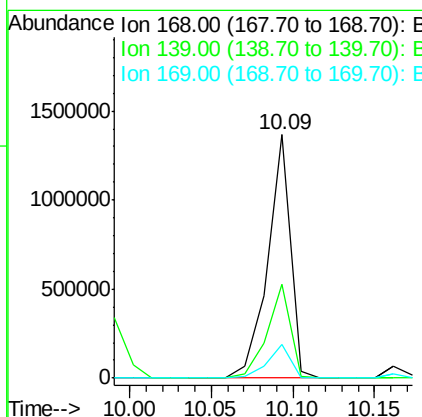
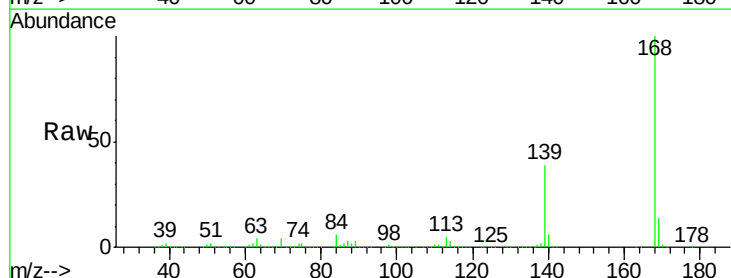
Manual Integrations
APPROVED

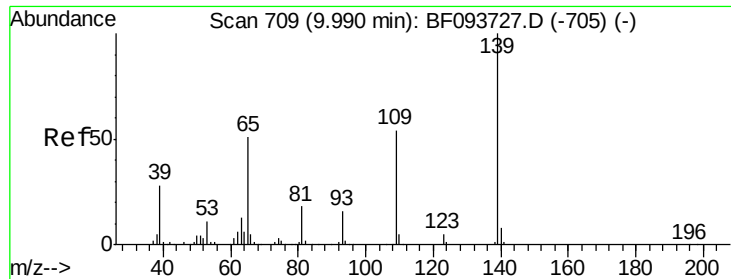
mohammad
3/20/2017 12:59:44 PM



#54
Dibenzofuran
Concen: 48.58 ng
RT: 10.09 min Scan# 718
Delta R.T. 0.00 min
Lab File: BF093741.D
Acq: 18 Mar 2017 9:27

Tgt Ion:168 Resp: 1325843
Ion Ratio Lower Upper
168 100
139 38.6 30.6 45.8
169 13.9 10.8 16.2





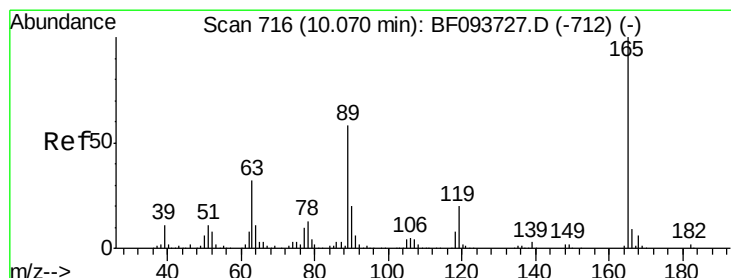
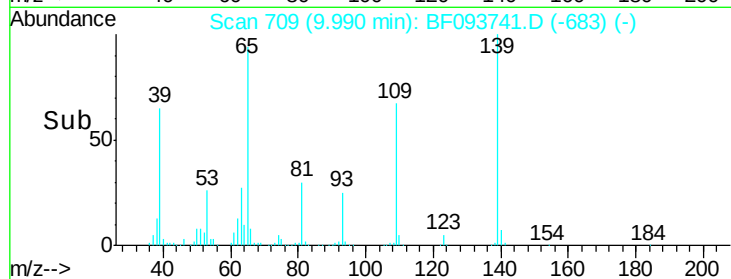
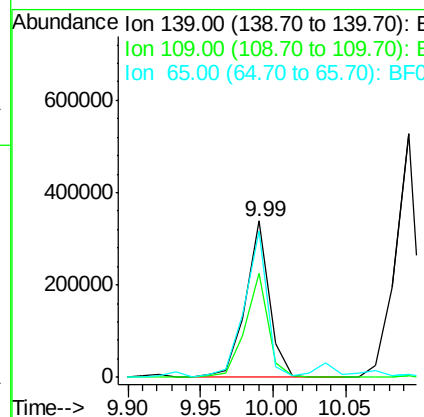
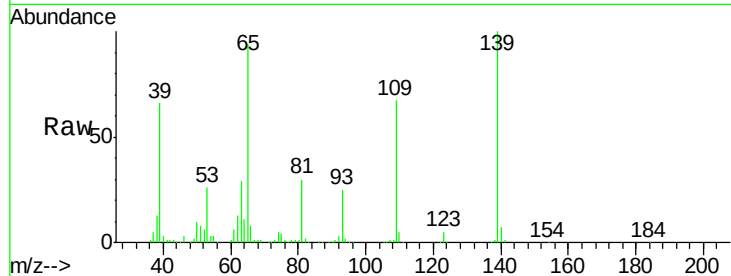
#55
4-Nitrophenol
Concen: 82.29 ng
RT: 9.99 min Scan# 709
Delta R.T. 0.00 min
Lab File: BF093741.D
Acq: 18 Mar 2017 9:27

Instrument :
BNA_F
ClientSampleId :
PB97670BS

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	385854		
109	66.7	34.1	74.1	
65	93.7	31.4	71.4	

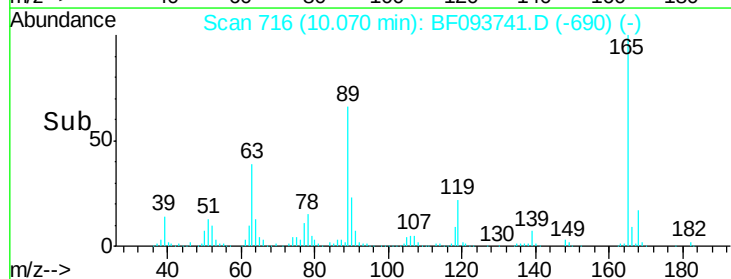
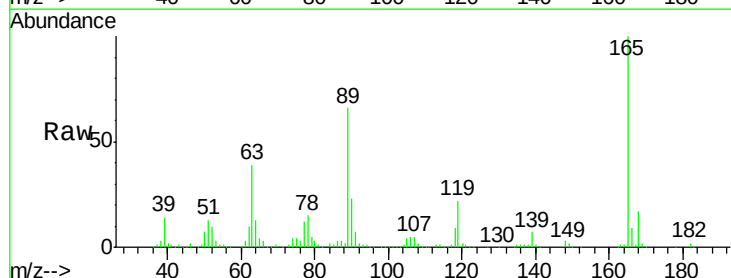
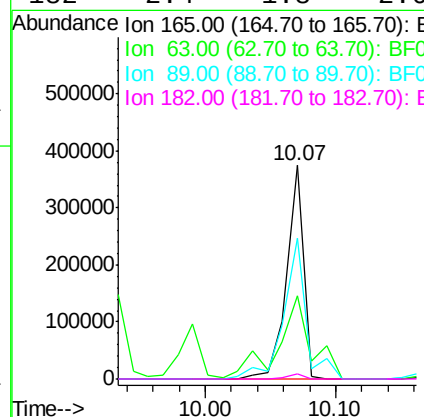
Manual Integrations
APPROVED

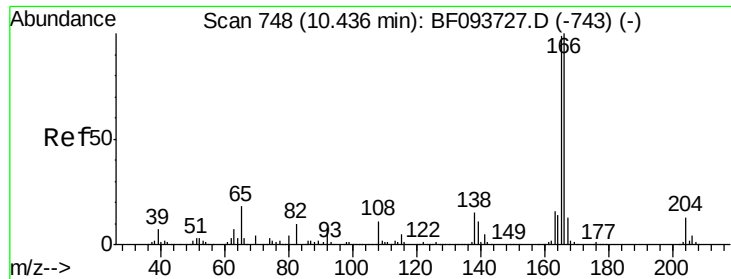
mohammad
3/20/2017 12:59:44 PM



#56
2,4-Dinitrotoluene
Concen: 49.16 ng
RT: 10.07 min Scan# 716
Delta R.T. 0.00 min
Lab File: BF093741.D
Acq: 18 Mar 2017 9:27

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	342817		
63	38.7	25.4	38.0	
89	66.2	46.4	69.6	
182	2.4	1.8	2.6	





#57

Fluorene

Concen: 43.32 ng

RT: 10.44 min Scan# 748

Delta R.T. 0.00 min

Lab File: BF093741.D

Acq: 18 Mar 2017 9:27

Instrument :

BNA_F

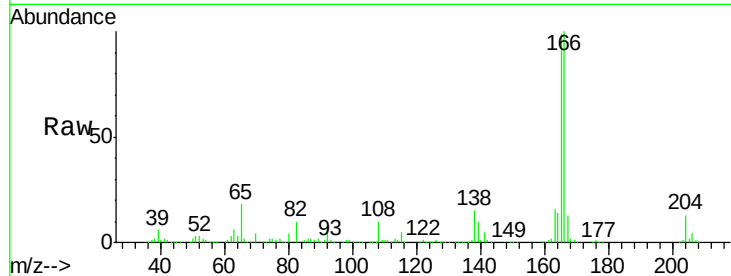
ClientSampleId :

PB97670BS

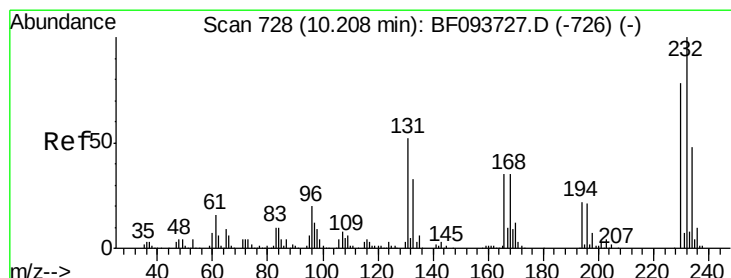
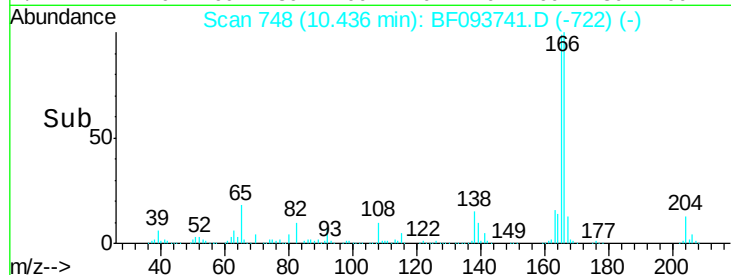
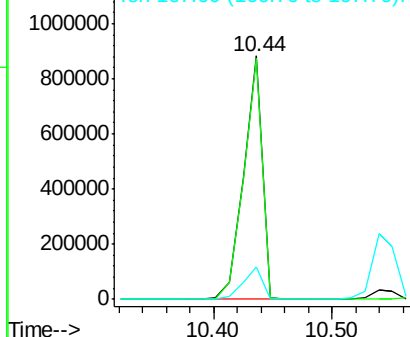
Tgt Ion:	166	Resp:	958951
Ion Ratio	Lower	Upper	
166	100		
165	98.8	78.8	118.2
167	13.2	10.6	16.0

Manual Integrations
APPROVED

mohammad
3/20/2017 12:59:44 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: 50.20 ng

RT: 10.21 min Scan# 728

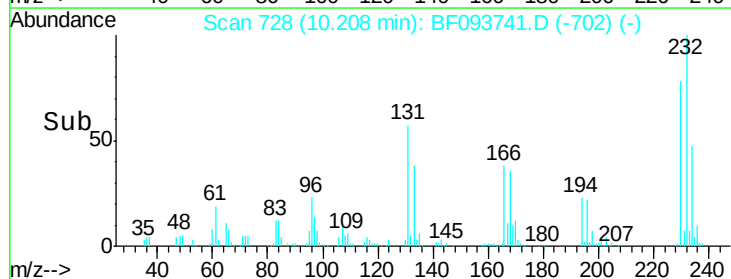
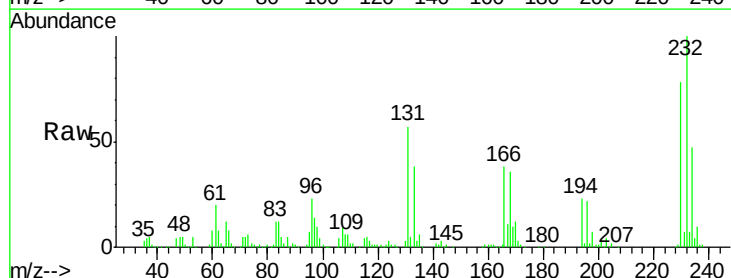
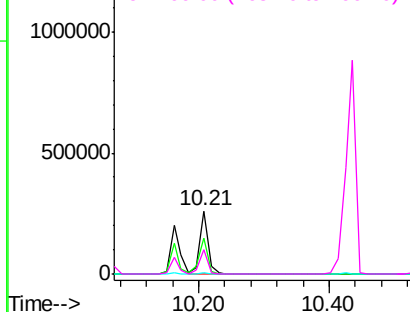
Delta R.T. 0.00 min

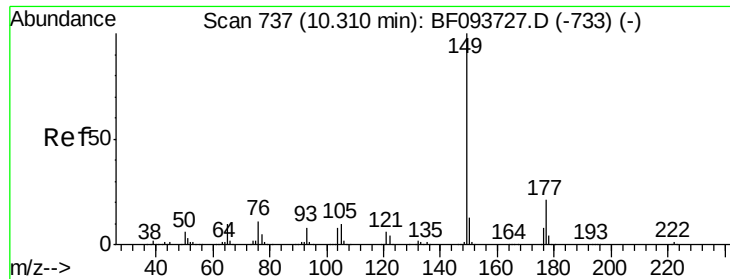
Lab File: BF093741.D

Acq: 18 Mar 2017 9:27

Tgt Ion:	232	Resp:	228178
Ion Ratio	Lower	Upper	
232	100		
131	57.6	44.8	67.2
130	2.9	2.3	3.5
166	37.1	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





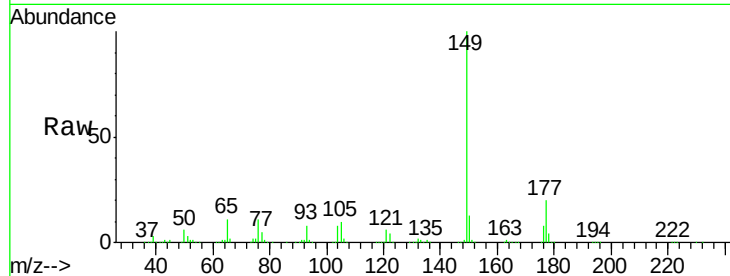
#59
Diethylphthalate
Concen: 43.39 ng
RT: 10.31 min Scan# 737
Delta R.T. 0.00 min
Lab File: BF093741.D
Acq: 18 Mar 2017 9:27

Instrument :
BNA_F
ClientSampled :
PB97670BS

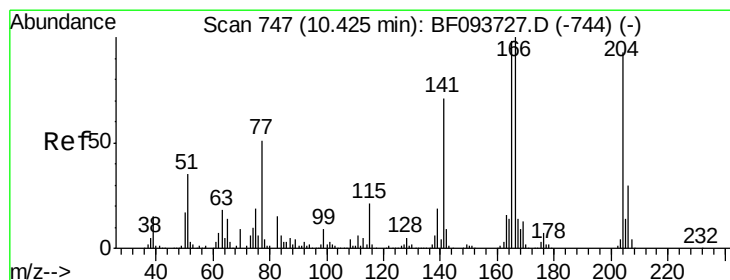
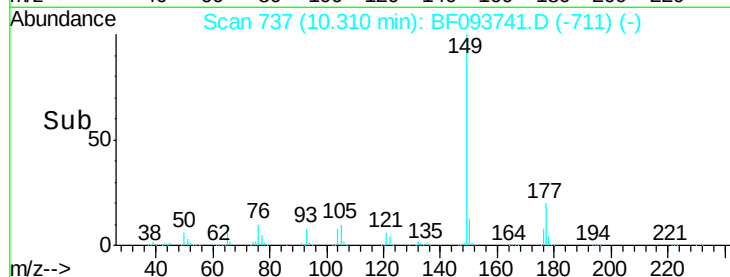
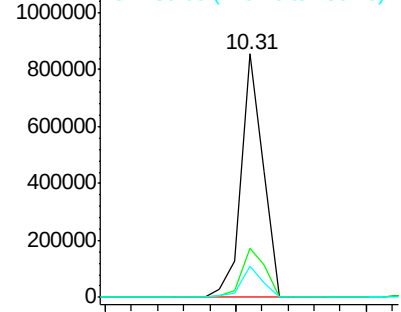
Tgt Ion:149 Resp: 1001603
Ion Ratio Lower Upper
149 100
177 20.0 16.7 25.1
150 12.9 10.2 15.2

Manual Integrations
APPROVED

mohammad
3/20/2017 12:59:44 PM

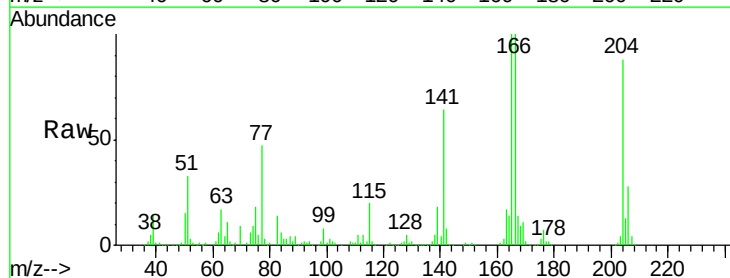


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

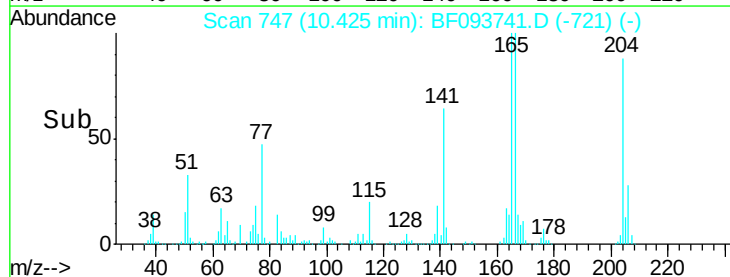
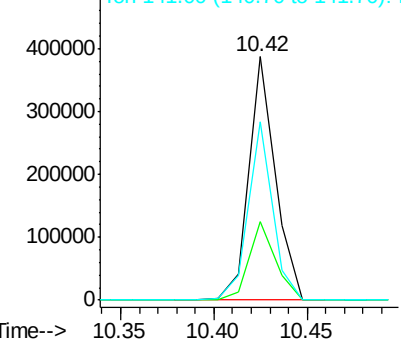


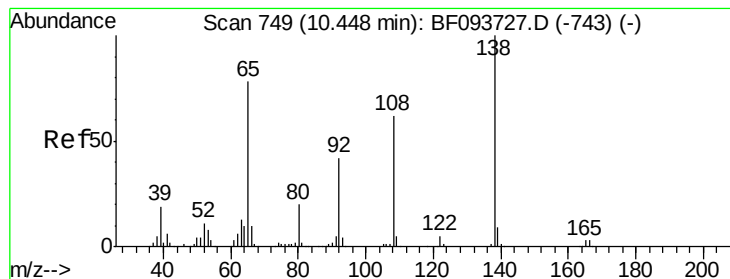
#60
4-Chlorophenyl-phenylether
Concen: 40.54 ng
RT: 10.42 min Scan# 747
Delta R.T. 0.00 min
Lab File: BF093741.D
Acq: 18 Mar 2017 9:27

Tgt Ion:204 Resp: 378167
Ion Ratio Lower Upper
204 100
206 32.4 26.2 39.2
141 73.2 60.8 91.2



Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 43.80 ng

RT: 10.45 min Scan# 749

Delta R.T. 0.00 min

Lab File: BF093741.D

Acq: 18 Mar 2017 9:27

Instrument :

BNA_F

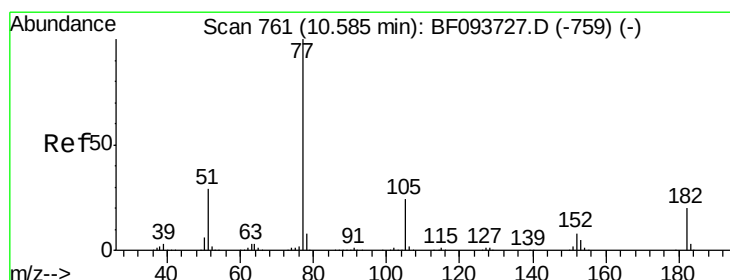
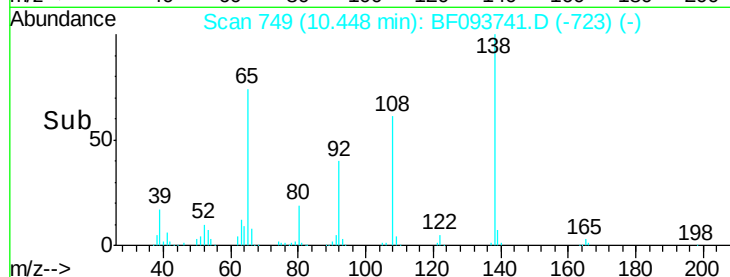
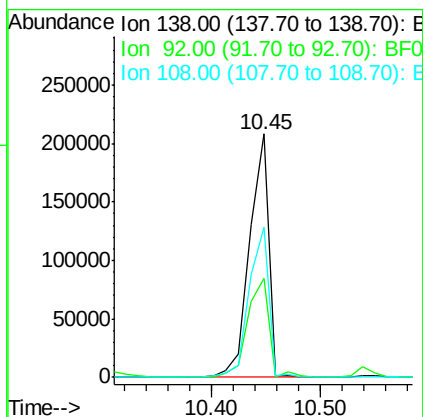
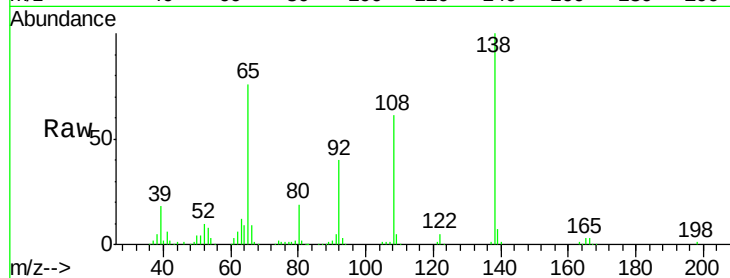
ClientSampleId :

PB97670BS

Tgt Ion:	138	Resp:	253310
Ion Ratio	Lower	Upper	
138	100		
92	40.4	21.8	61.8
108	61.4	42.3	82.3

Manual Integrations
APPROVED

mohammad
3/20/2017 12:59:44 PM



#62

Azobenzene

Concen: 48.85 ng

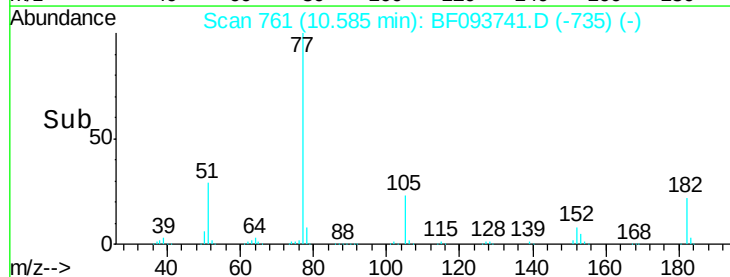
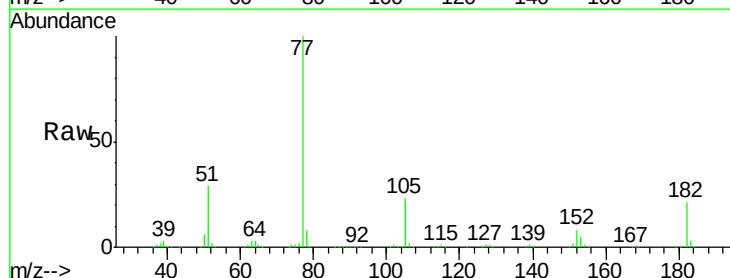
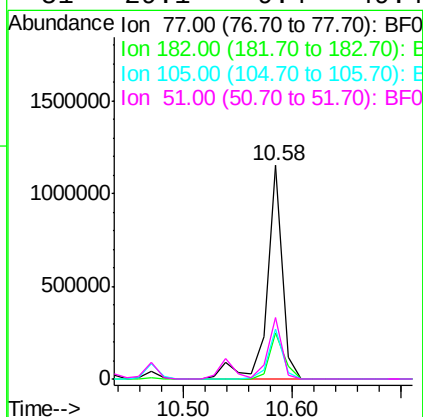
RT: 10.58 min Scan# 761

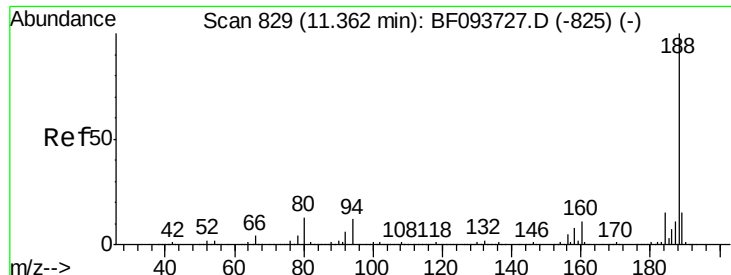
Delta R.T. 0.00 min

Lab File: BF093741.D

Acq: 18 Mar 2017 9:27

Tgt Ion:	77	Resp:	1139282
Ion Ratio	Lower	Upper	
77	100		
182	21.5	0.1	40.1
105	23.3	3.6	43.6
51	29.1	9.4	49.4





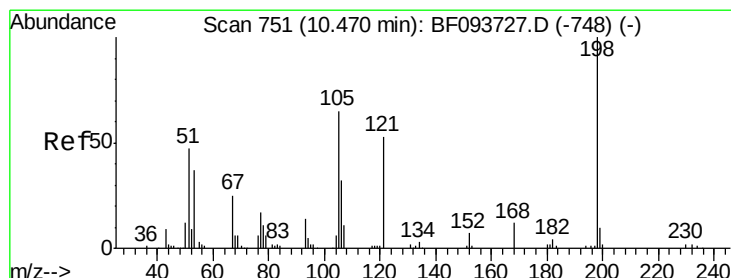
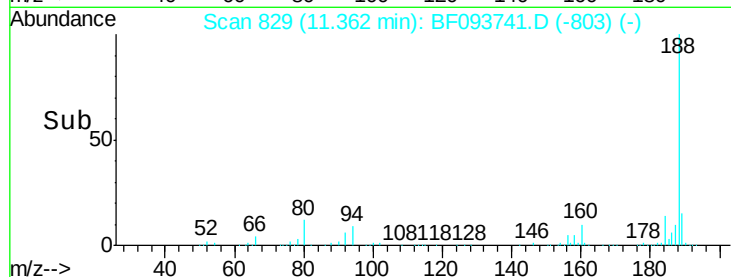
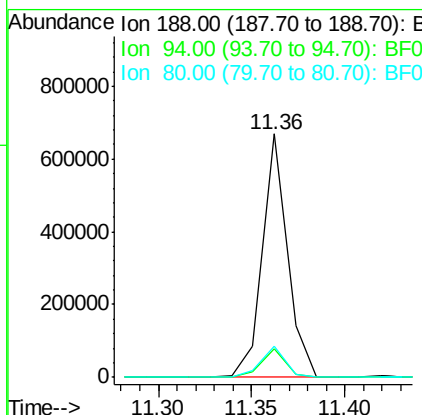
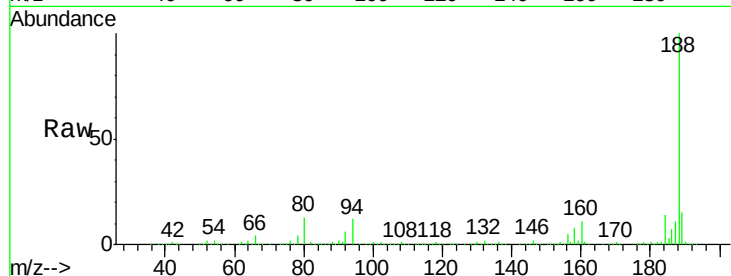
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.36 min Scan# 829
Delta R.T. 0.00 min
Lab File: BF093741.D
Acq: 18 Mar 2017 9:27

Instrument :
BNA_F
ClientSampleId :
PB97670BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
188	100		
94	11.8	9.4	14.2
80	12.7	10.2	15.2

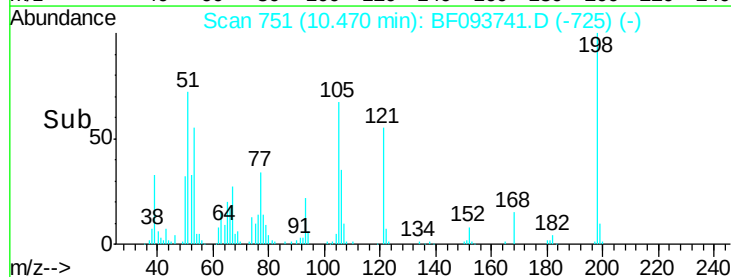
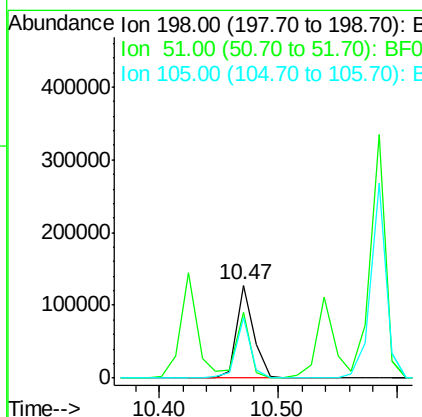
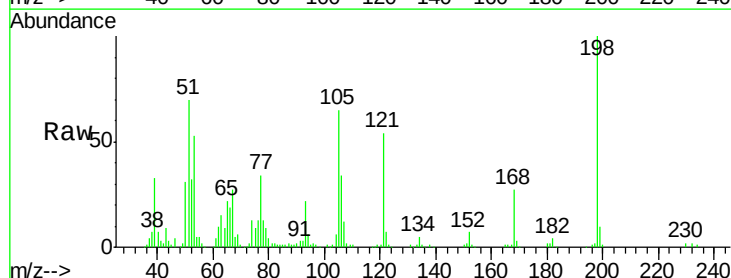
Manual Integrations
APPROVED

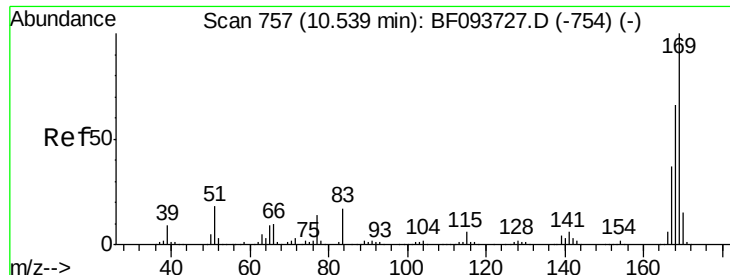
mohammad
3/20/2017 12:59:44 PM



#64
4,6-Dinitro-2-methylphenol
Concen: 39.80 ng
RT: 10.47 min Scan# 751
Delta R.T. 0.00 min
Lab File: BF093741.D
Acq: 18 Mar 2017 9:27

Tgt Ion	Ratio	Resp Lower	Resp Upper
198	100		
51	70.2	53.2	93.2
105	64.6	45.8	85.8





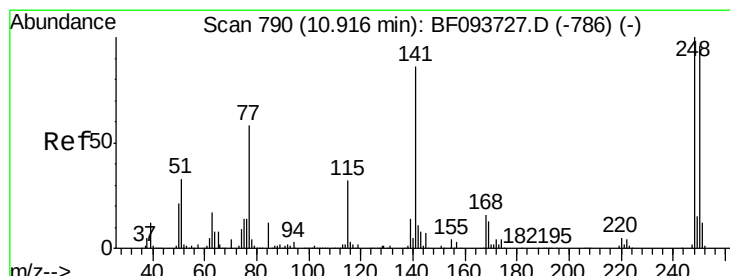
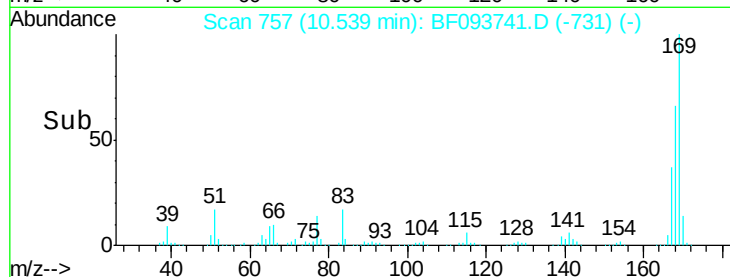
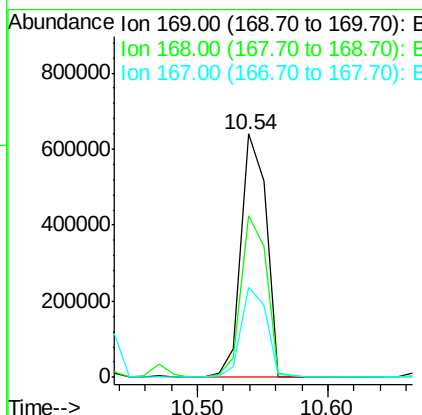
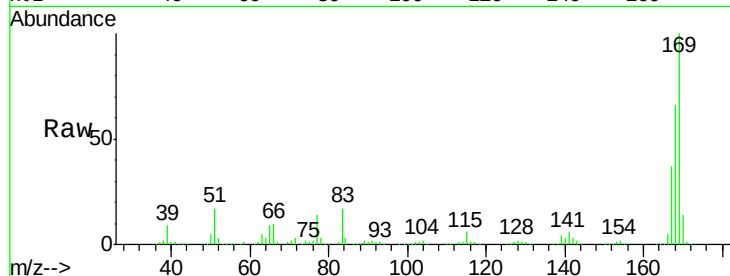
#65
 n-Nitrosodiphenylamine
 Concen: 40.89 ng
 RT: 10.54 min Scan# 757
 Delta R.T. 0.00 min
 Lab File: BF093741.D
 Acq: 18 Mar 2017 9:27

Instrument :
 BNA_F
 ClientSampleId :
 PB97670BS

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	854751		
168	66.5	53.2	79.8	
167	37.2	29.5	44.3	

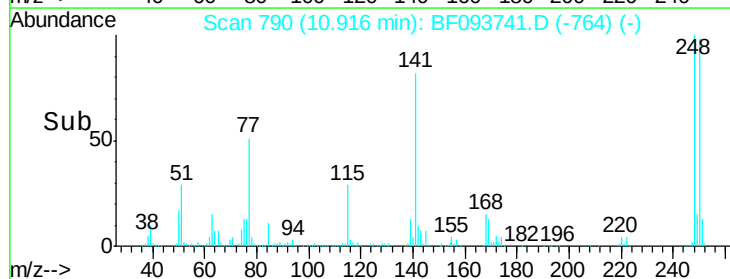
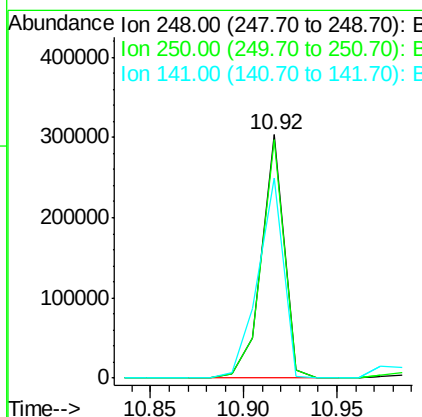
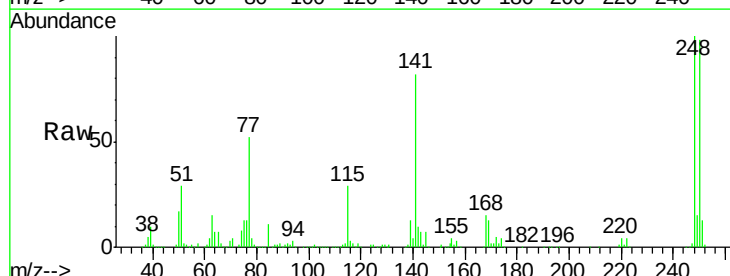
Manual Integrations
 APPROVED

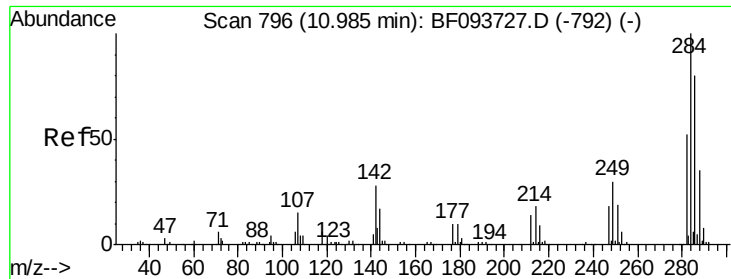
mohammad
 3/20/2017 12:59:44 PM



#66
 4-Bromophenyl-phenylether
 Concen: 43.19 ng
 RT: 10.92 min Scan# 790
 Delta R.T. 0.00 min
 Lab File: BF093741.D
 Acq: 18 Mar 2017 9:27

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	252850		
250	97.8	76.8	115.2	
141	82.3	68.6	103.0	





#67

Hexachlorobenzene

Concen: 43.14 ng

RT: 10.98 min Scan# 796

Delta R.T. 0.00 min

Lab File: BF093741.D

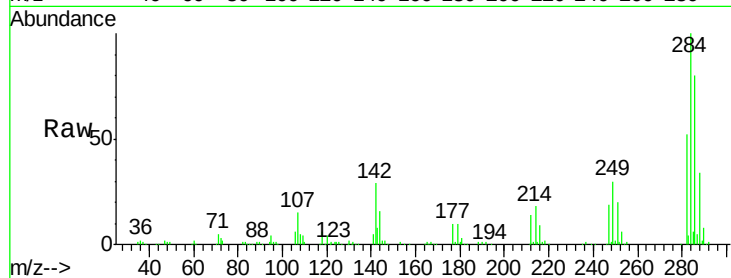
Acq: 18 Mar 2017 9:27

Instrument :

BNA_F

ClientSampleId :

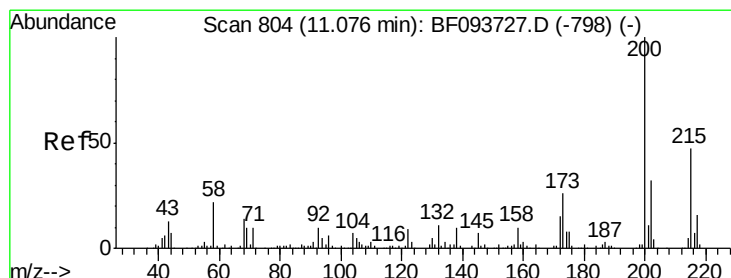
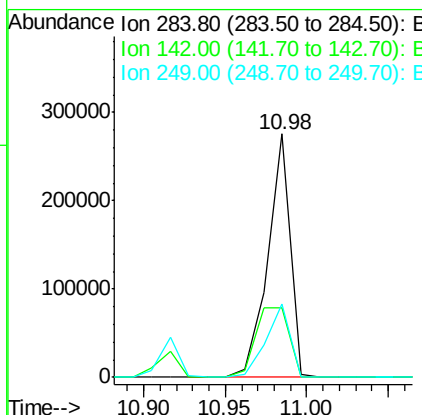
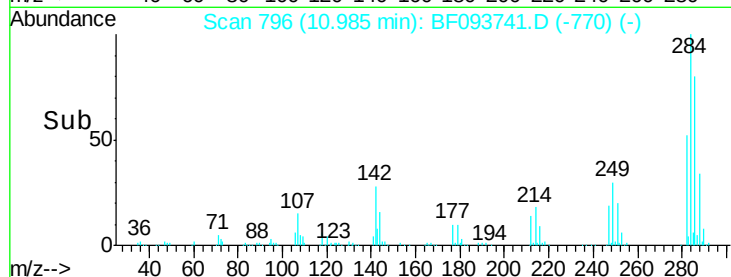
PB97670BS



Tgt Ion:	284	Resp:	263995
Ion Ratio	Lower	Upper	
284	100		
142	28.6	22.8	34.2
249	30.1	24.0	36.0

Manual Integrations
APPROVED

mohammad
3/20/2017 12:59:44 PM



#68

Atrazine

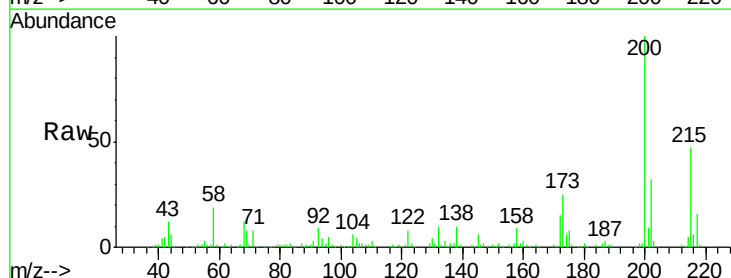
Concen: 45.36 ng

RT: 11.08 min Scan# 804

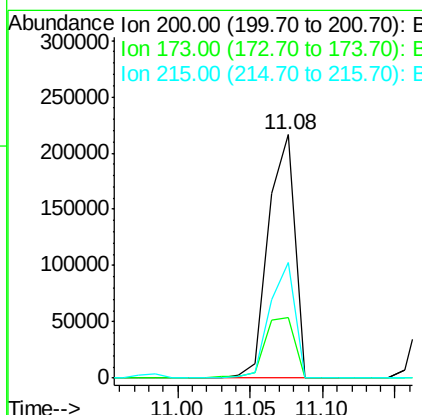
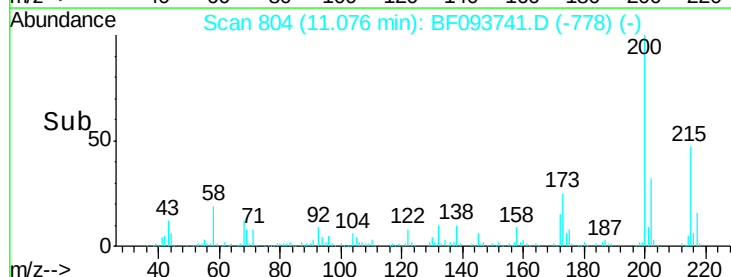
Delta R.T. 0.00 min

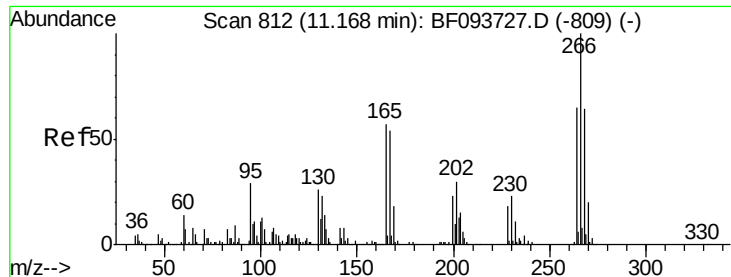
Lab File: BF093741.D

Acq: 18 Mar 2017 9:27



Tgt Ion:	200	Resp:	273082
Ion Ratio	Lower	Upper	
200	100		
173	24.9	6.3	46.3
215	47.3	27.2	67.2





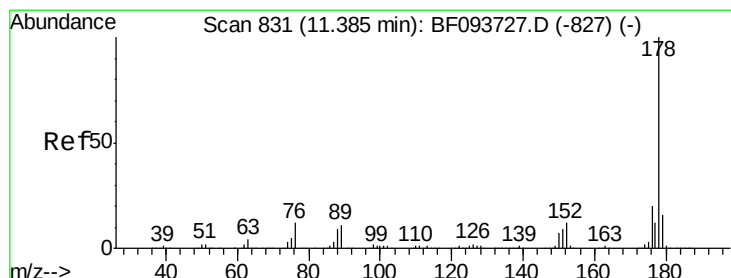
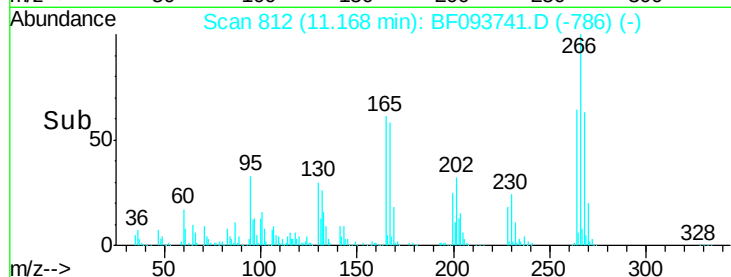
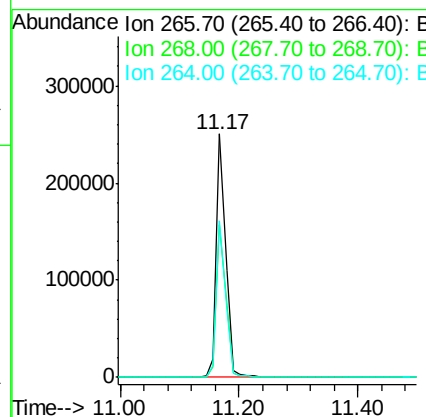
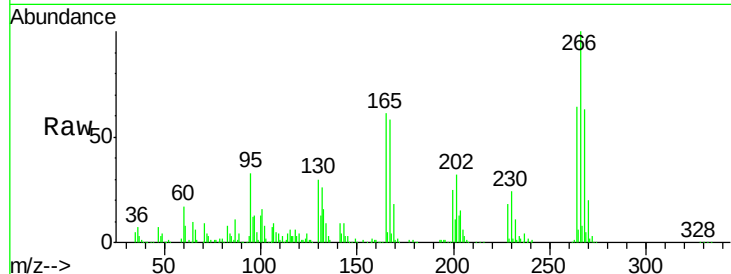
#69
 Pentachlorophenol
 Concen: 78.36 ng
 RT: 11.17 min Scan# 812
 Delta R.T. 0.00 min
 Lab File: BF093741.D
 Acq: 18 Mar 2017 9:27

Instrument :
 BNA_F
 ClientSampleId :
 PB97670BS

Tgt Ion	Ratio	Lower	Upper
266	100		
268	62.8	51.1	76.7
264	64.3	51.7	77.5

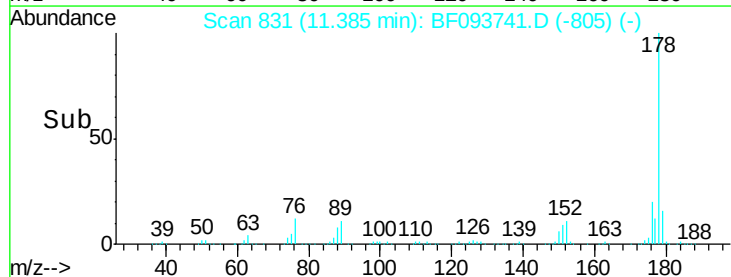
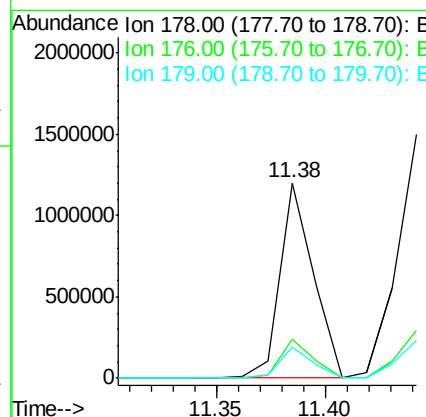
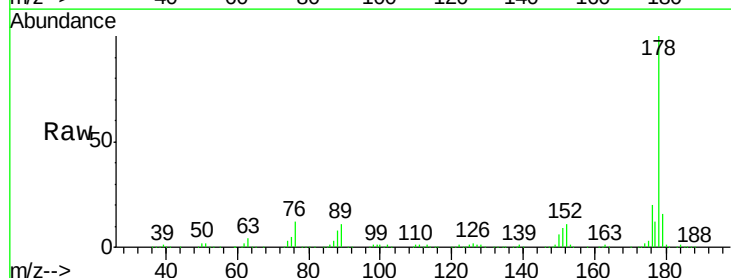
Manual Integrations
 APPROVED

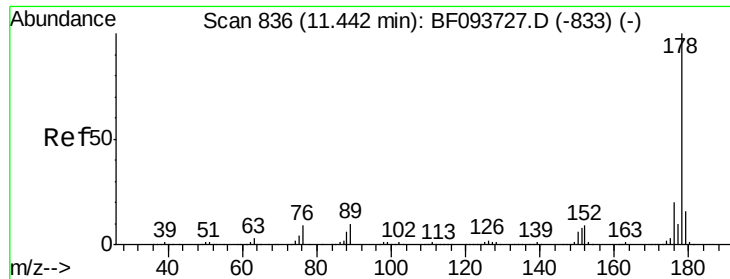
mohammad
 3/20/2017 12:59:44 PM



#70
 Phenanthrene
 Concen: 36.87 ng
 RT: 11.38 min Scan# 831
 Delta R.T. 0.00 min
 Lab File: BF093741.D
 Acq: 18 Mar 2017 9:27

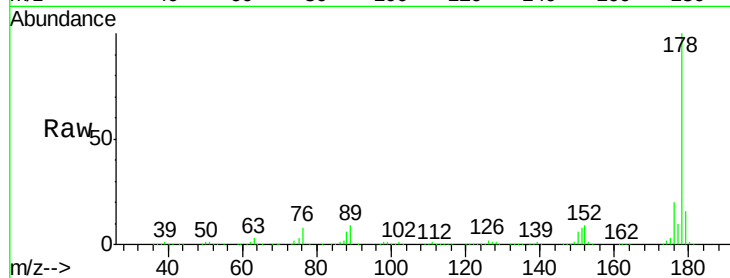
Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.6	16.2	24.4
179	15.9	12.6	19.0





#71
 Anthracene
 Concen: 42.31 ng
 RT: 11.44 min Scan# 836
 Delta R.T. 0.00 min
 Lab File: BF093741.D
 Acq: 18 Mar 2017 9:27

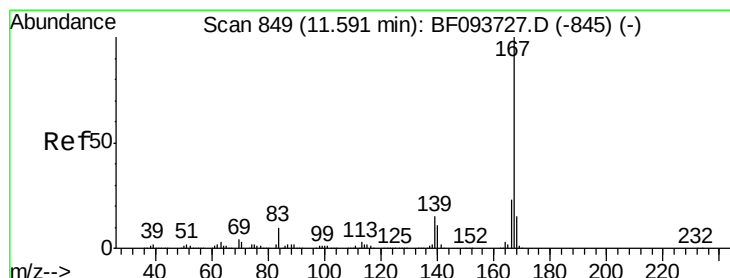
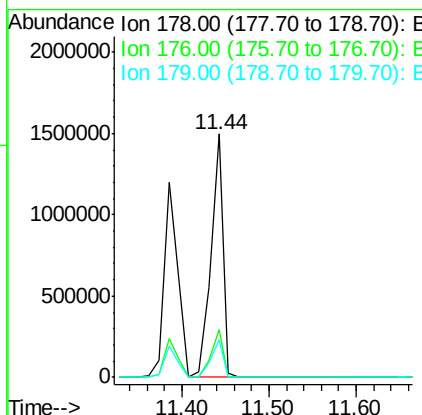
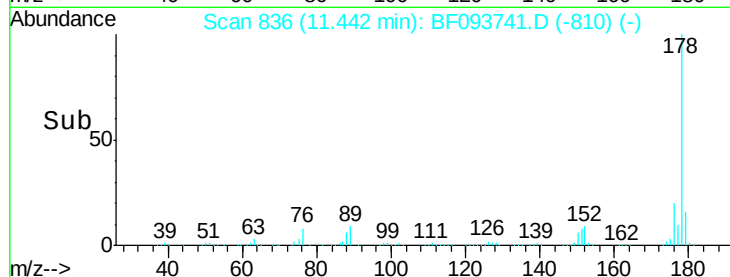
Instrument :
 BNA_F
 ClientSampleId :
 PB97670BS



Tgt Ion:178 Resp: 1449530
 Ion Ratio Lower Upper
 178 100
 176 19.7 15.8 23.8
 179 15.5 12.7 19.1

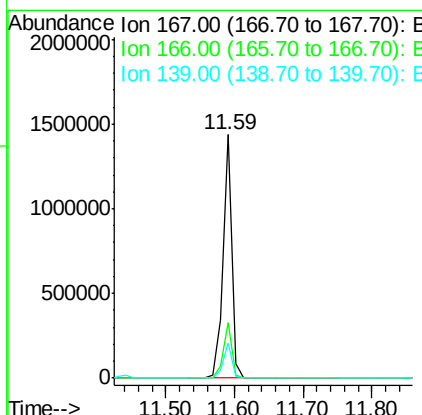
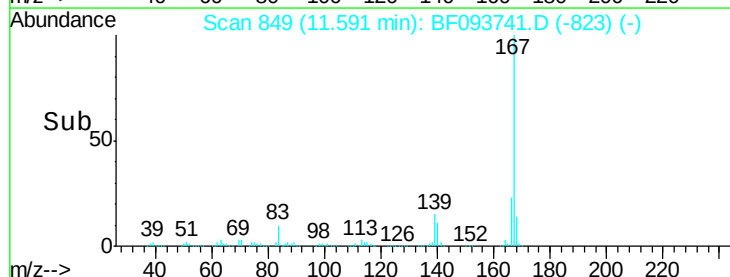
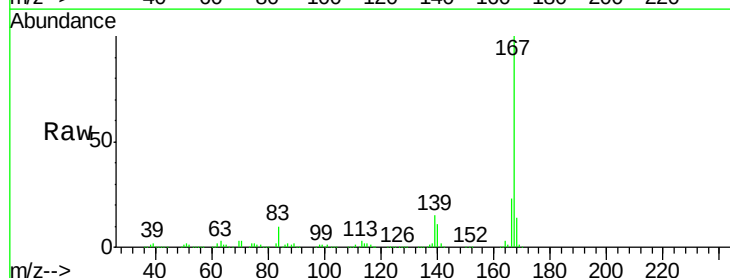
Manual Integrations
 APPROVED

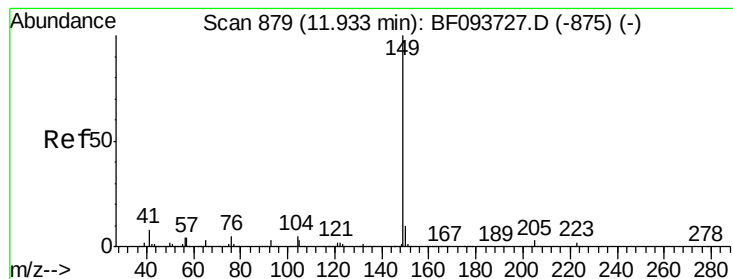
mohammad
 3/20/2017 12:59:44 PM



#72
 Carbazole
 Concen: 36.06 ng
 RT: 11.59 min Scan# 849
 Delta R.T. 0.00 min
 Lab File: BF093741.D
 Acq: 18 Mar 2017 9:27

Tgt Ion:167 Resp: 1293146
 Ion Ratio Lower Upper
 167 100
 166 22.6 18.1 27.1
 139 14.5 11.7 17.5





#73

Di-n-butylphthalate

Concen: 40.48 ng

RT: 11.93 min Scan# 879

Delta R.T. 0.00 min

Lab File: BF093741.D

Acq: 18 Mar 2017 9:27

Instrument :

BNA_F

ClientSampleId :

PB97670BS

Tgt Ion:149 Resp: 1484188

Ion Ratio Lower Upper

149 100

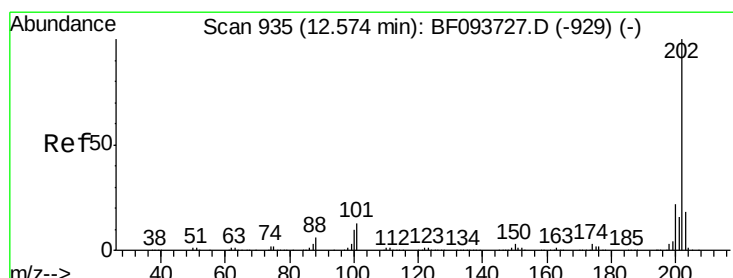
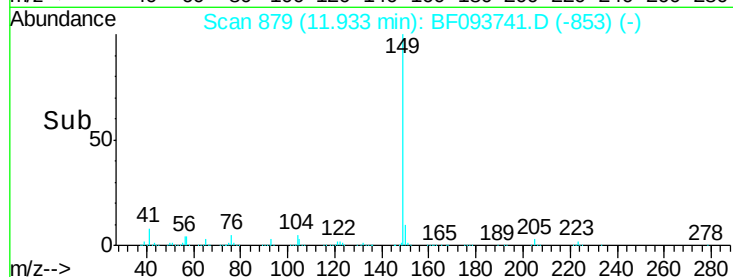
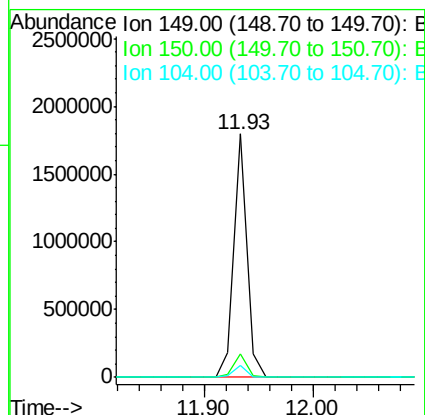
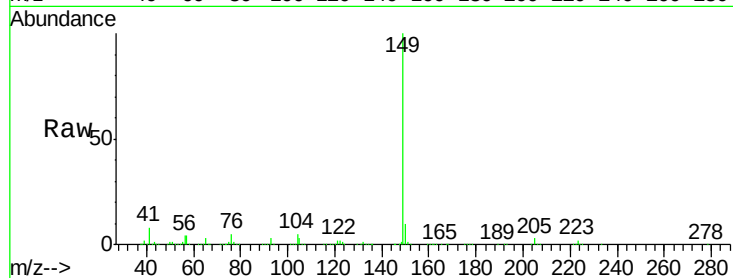
150 9.6 7.7 11.5

104 4.9 4.0 6.0

Manual Integrations
APPROVED

mohammad

3/20/2017 12:59:44 PM



#74

Fluoranthene

Concen: 42.32 ng

RT: 12.57 min Scan# 935

Delta R.T. 0.00 min

Lab File: BF093741.D

Acq: 18 Mar 2017 9:27

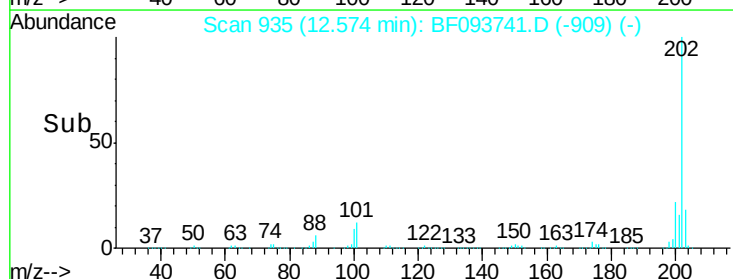
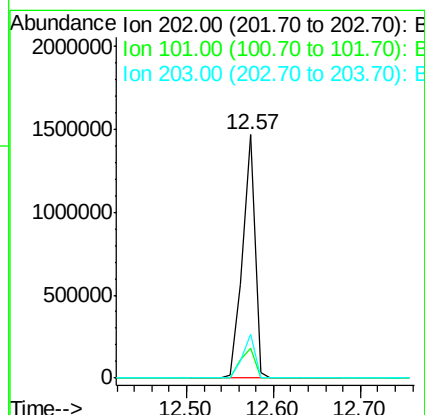
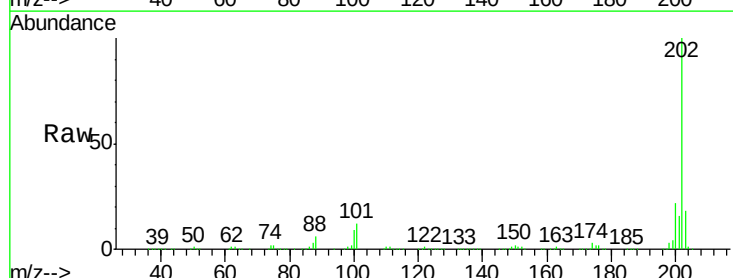
Tgt Ion:202 Resp: 1436001

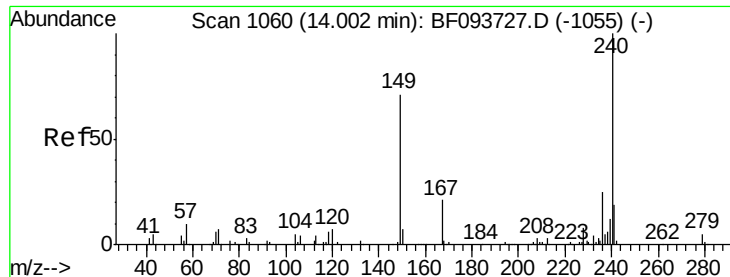
Ion Ratio Lower Upper

202 100

101 12.4 0.0 33.2

203 18.1 0.0 38.1





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.99 min Scan# 1059

Delta R.T. -0.01 min

Lab File: BF093741.D

Acq: 18 Mar 2017 9:27

Instrument :

BNA_F

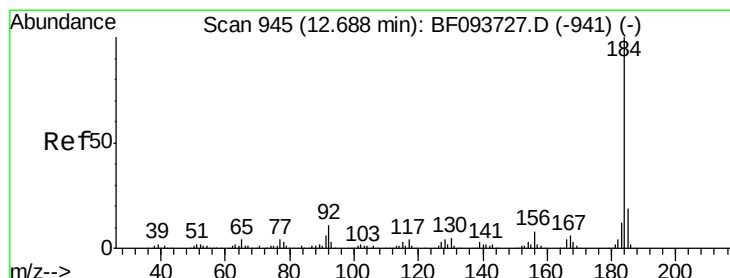
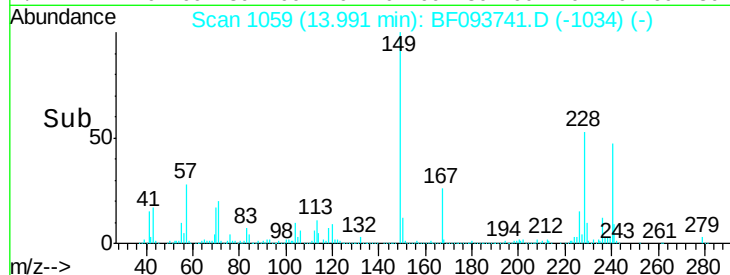
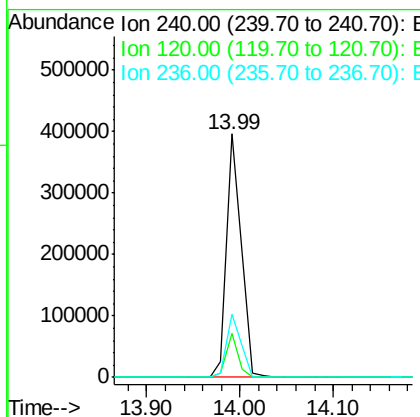
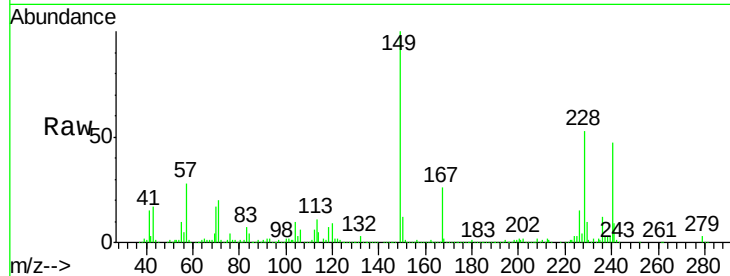
ClientSampleId :

PB97670BS

Tgt Ion: 240 Resp: 435330
 Ion Ratio Lower Upper
 240 100
 120 18.3 5.8 8.8#
 236 26.1 20.5 30.7

Manual Integrations
 APPROVED

mohammad
 3/20/2017 12:59:44 PM



#76

Benzidine

Concen: 24.55 ng

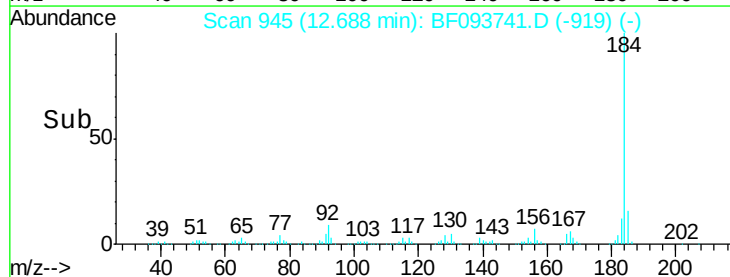
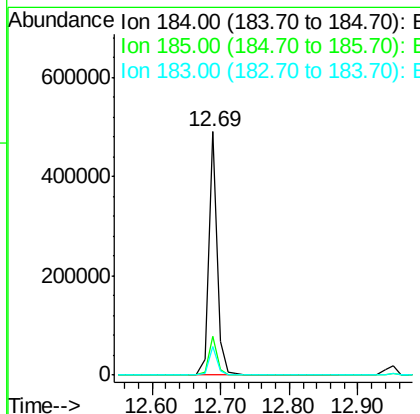
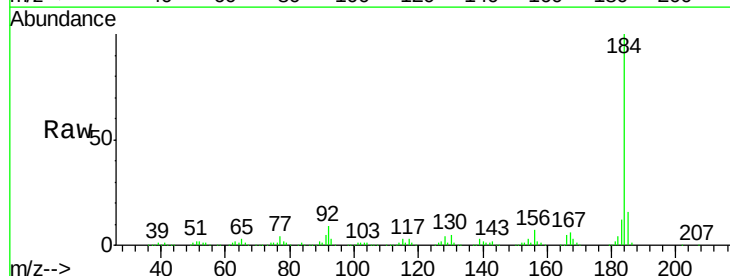
RT: 12.69 min Scan# 945

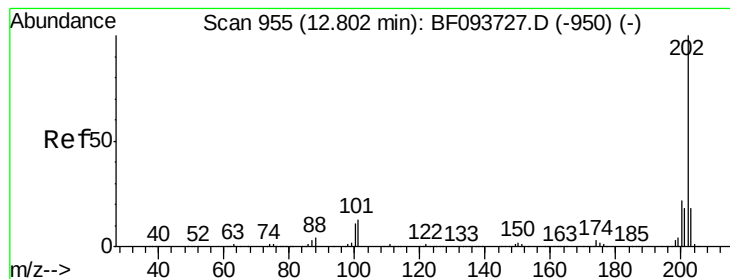
Delta R.T. 0.00 min

Lab File: BF093741.D

Acq: 18 Mar 2017 9:27

Tgt Ion: 184 Resp: 417576
 Ion Ratio Lower Upper
 184 100
 185 15.9 15.5 23.3
 183 11.7 9.8 14.6





#77

Pyrene

Concen: 40.63 ng

RT: 12.80 min Scan# 955

Delta R.T. 0.00 min

Lab File: BF093741.D

Acq: 18 Mar 2017 9:27

Instrument :

BNA_F

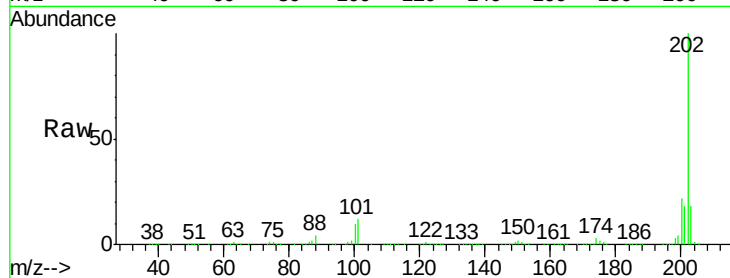
ClientSampleId :

PB97670BS

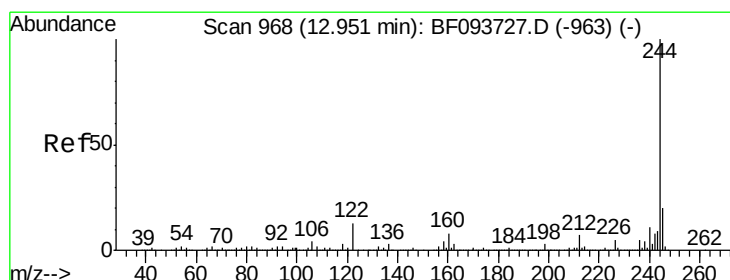
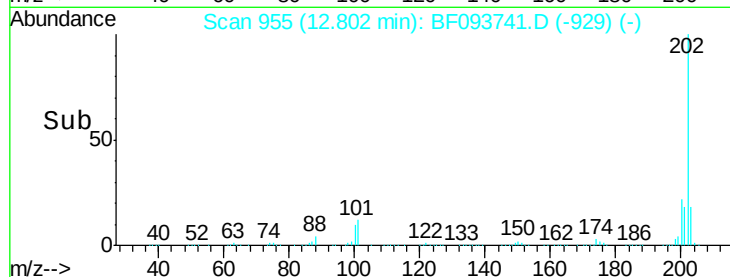
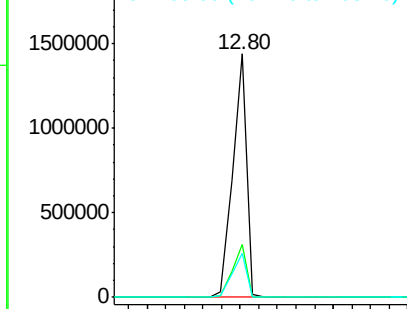
Tgt Ion:	202	Resp:	1504180
Ion	Ratio	Lower	Upper
202	100		
200	22.0	17.6	26.4
203	17.9	14.4	21.6

Manual Integrations
APPROVED

mohammad
3/20/2017 12:59:44 PM



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 71.55 ng

RT: 12.95 min Scan# 968

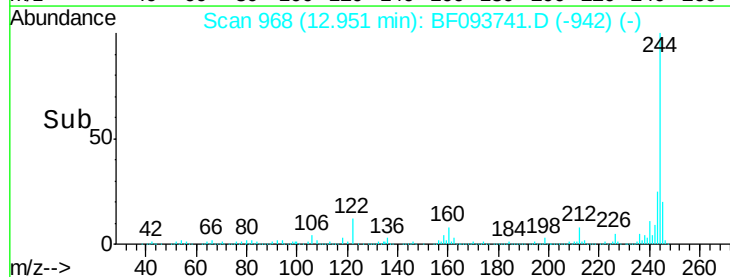
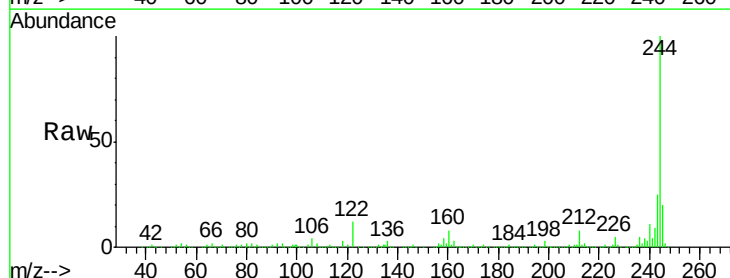
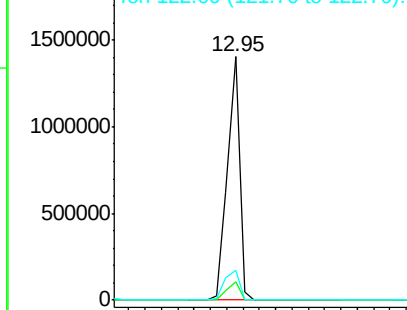
Delta R.T. 0.00 min

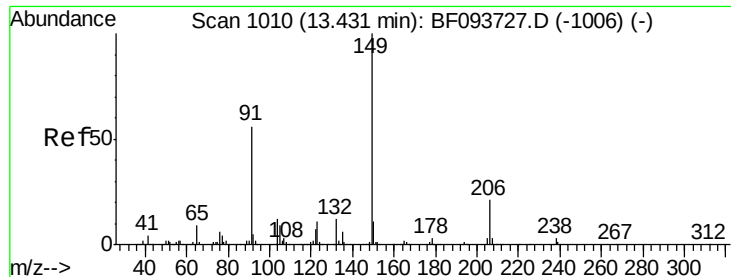
Lab File: BF093741.D

Acq: 18 Mar 2017 9:27

Tgt Ion:	244	Resp:	1447205
Ion	Ratio	Lower	Upper
244	100		
212	7.6	6.0	9.0
122	12.4	10.3	15.5

Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E





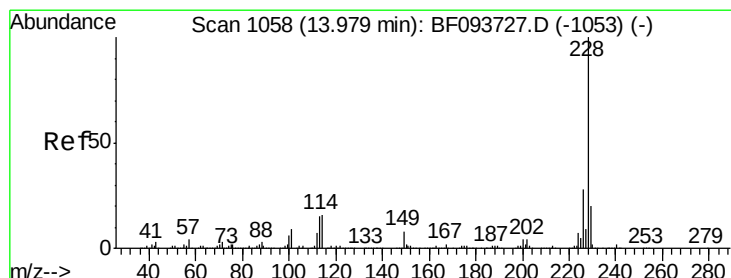
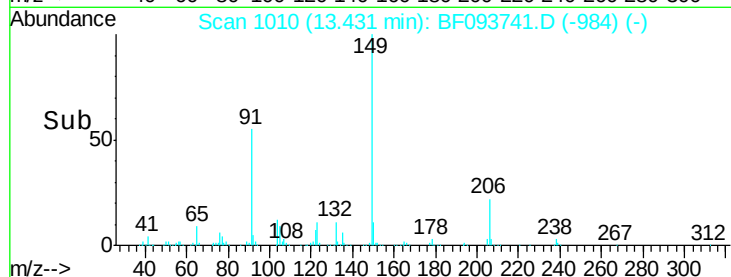
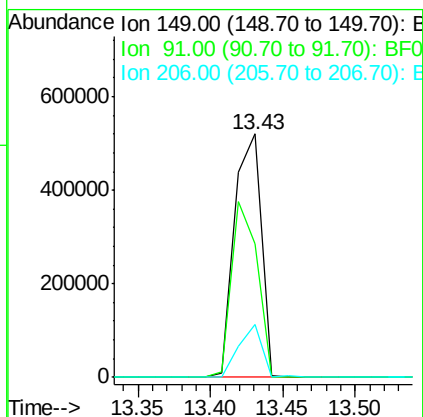
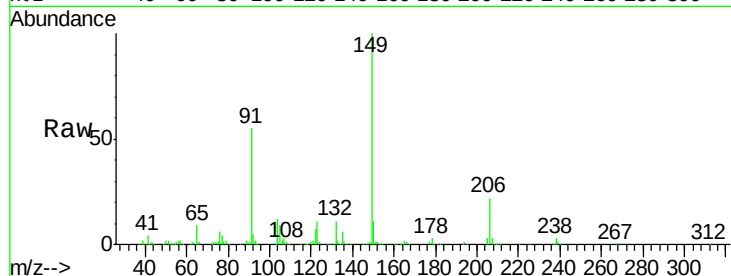
#79
Butylbenzylphthalate
Concen: 42.52 ng
RT: 13.43 min Scan# 1010
Delta R.T. 0.00 min
Lab File: BF093741.D
Acq: 18 Mar 2017 9:27

Instrument :
BNA_F
ClientSampleId :
PB97670BS

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	668746		
91	54.9	45.0	67.4	
206	22.0	17.0	25.6	

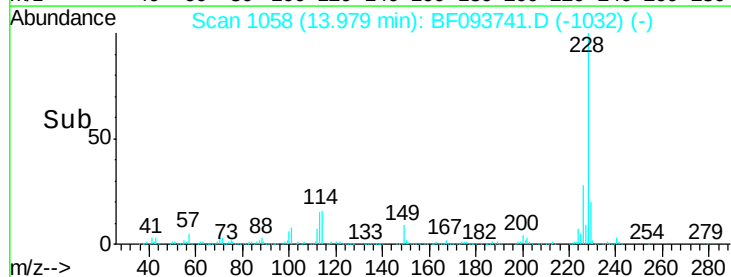
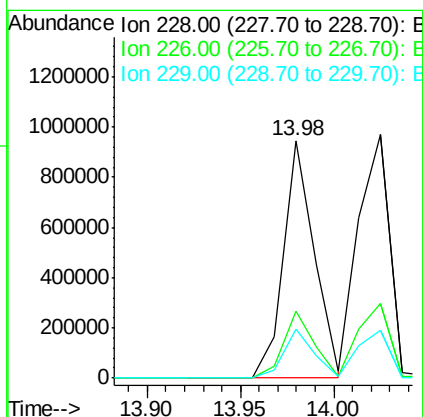
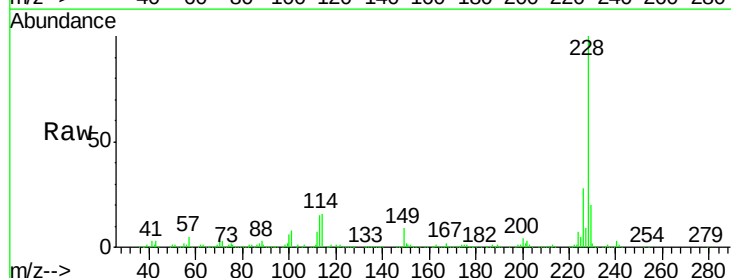
Manual Integrations
APPROVED

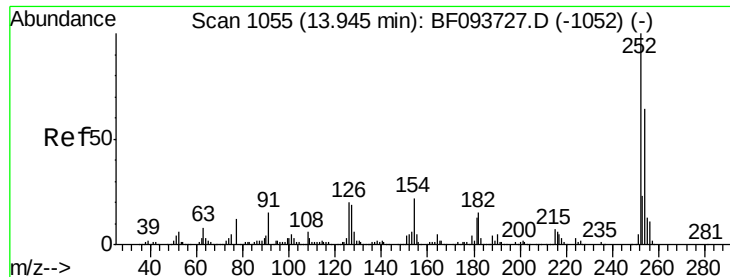
mohammad
3/20/2017 12:59:44 PM



#80
Benzo(a)anthracene
Concen: 39.13 ng
RT: 13.98 min Scan# 1058
Delta R.T. 0.00 min
Lab File: BF093741.D
Acq: 18 Mar 2017 9:27

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	1093321		
226	28.4	22.6	33.8	
229	20.4	16.3	24.5	





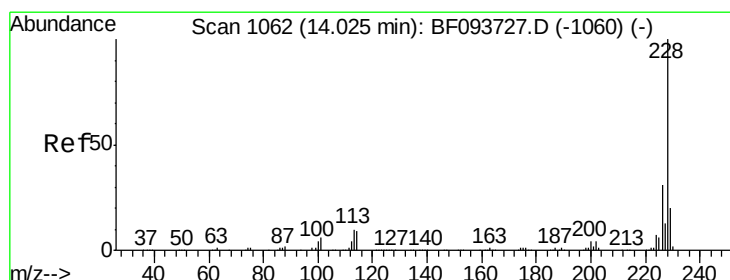
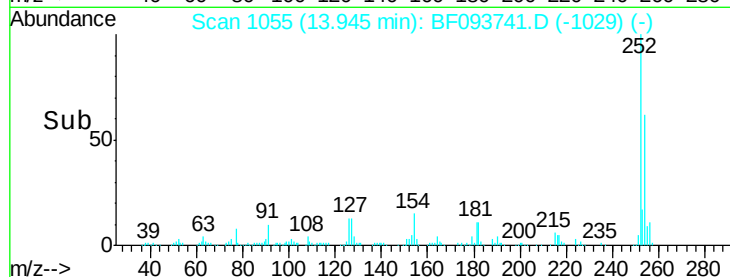
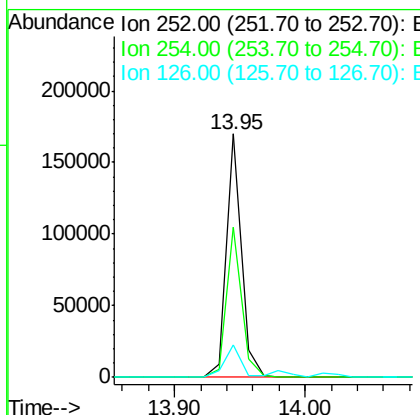
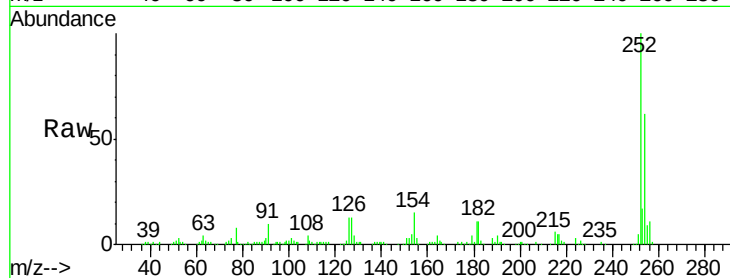
#81
 3,3'-Dichlorobenzidine
 Concen: 14.13 ng
 RT: 13.95 min Scan# 1055
 Delta R.T. 0.00 min
 Lab File: BF093741.D
 Acq: 18 Mar 2017 9:27

Instrument :
 BNA_F
 ClientSampleId :
 PB97670BS

Tgt Ion	Ratio	Lower	Upper
252	100		
254	61.8	51.5	77.3
126	13.4	15.8	23.8

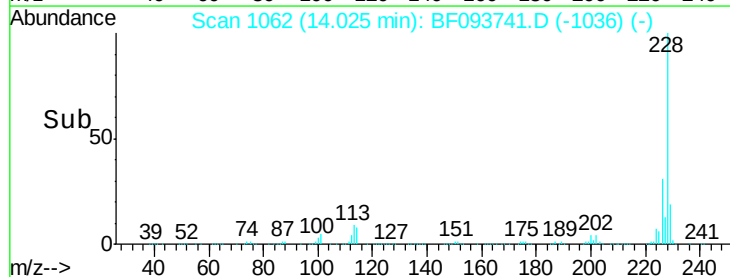
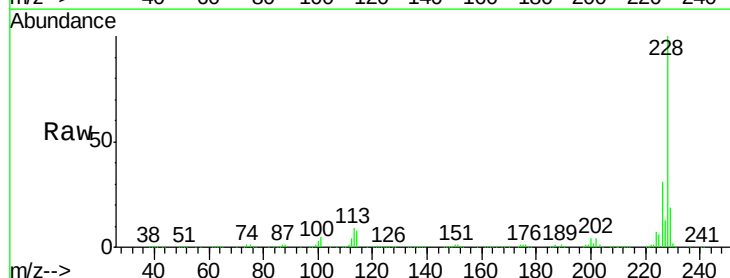
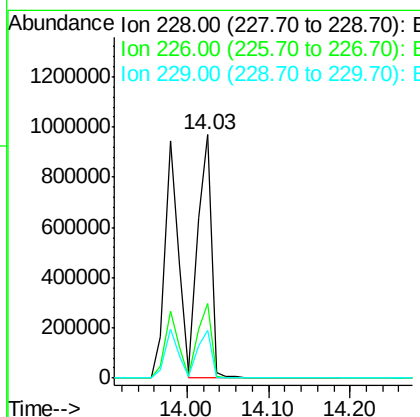
Manual Integrations
 APPROVED

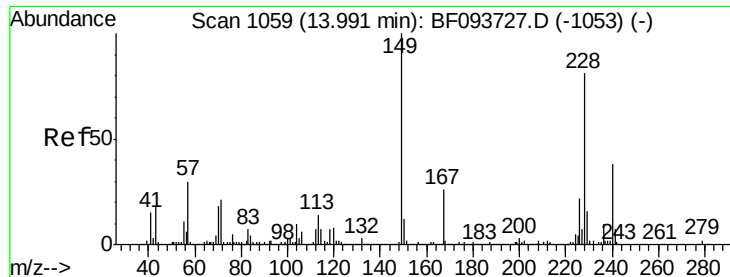
mohammad
 3/20/2017 12:59:44 PM



#82
 Chrysene
 Concen: 41.97 ng
 RT: 14.03 min Scan# 1062
 Delta R.T. 0.00 min
 Lab File: BF093741.D
 Acq: 18 Mar 2017 9:27

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.9	24.9	37.3
229	19.4	15.8	23.6





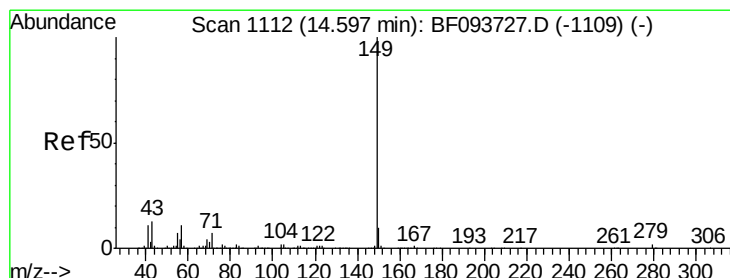
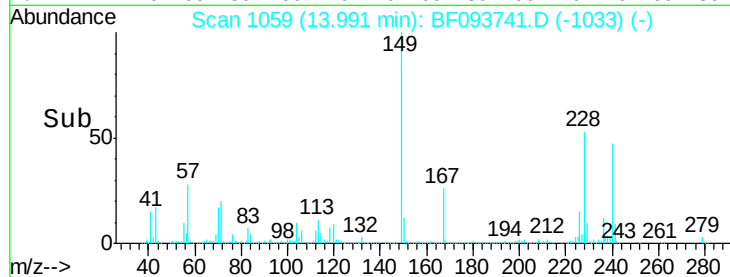
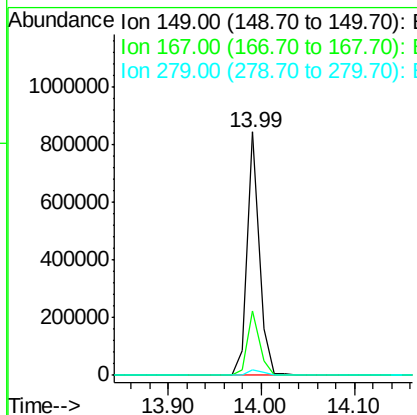
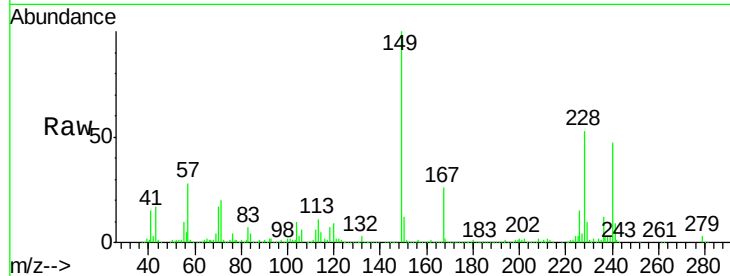
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 43.90 ng
 RT: 13.99 min Scan# 1059
 Delta R.T. 0.00 min
 Lab File: BF093741.D
 Acq: 18 Mar 2017 9:27

Instrument :
 BNA_F
 ClientSampleId :
 PB97670BS

Tgt Ion:	149	Resp:	759075
Ion Ratio	Lower	Upper	
149	100		
167	26.4	21.0	31.4
279	2.5	1.9	2.9

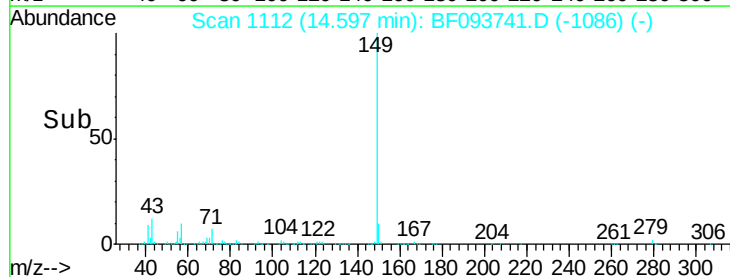
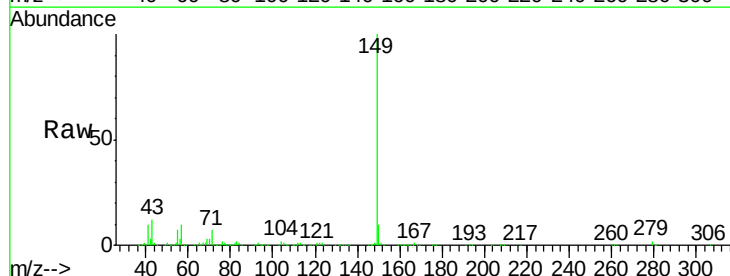
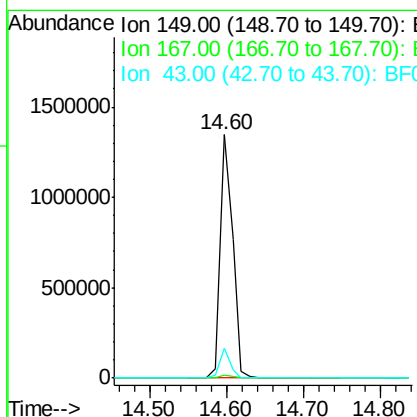
Manual Integrations
 APPROVED

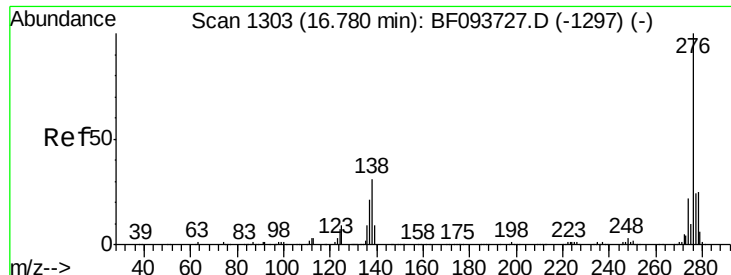
mohammad
 3/20/2017 12:59:44 PM



#84
 Di-n-octyl phthalate
 Concen: 47.87 ng
 RT: 14.60 min Scan# 1112
 Delta R.T. 0.00 min
 Lab File: BF093741.D
 Acq: 18 Mar 2017 9:27

Tgt Ion:	149	Resp:	1526158
Ion Ratio	Lower	Upper	
149	100		
167	1.5	1.2	1.8
43	10.1	8.5	12.7





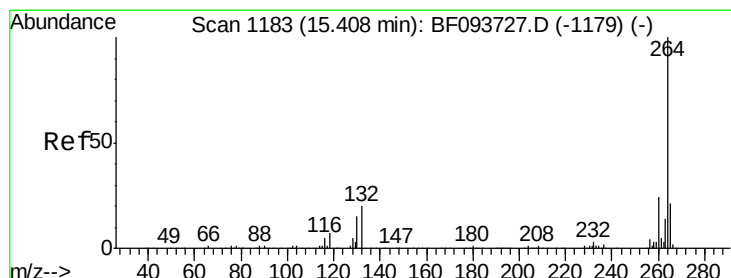
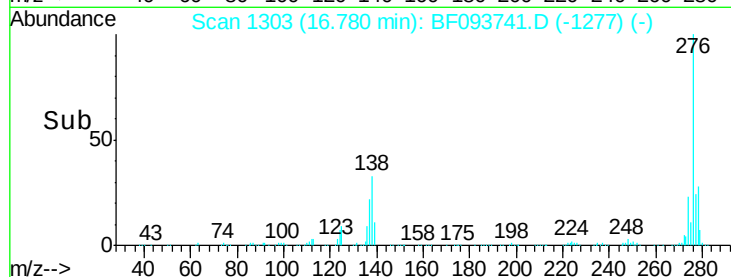
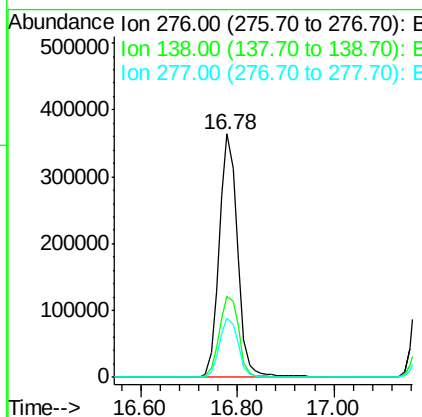
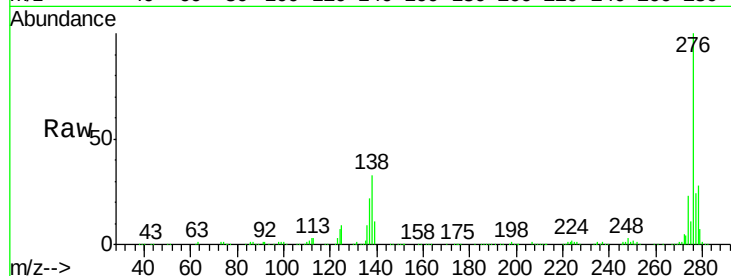
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 42.36 ng
 RT: 16.78 min Scan# 1303
 Delta R.T. 0.00 min
 Lab File: BF093741.D
 Acq: 18 Mar 2017 9:27

Instrument :
 BNA_F
 ClientSampleID :
 PB97670BS

Tgt Ion	Ratio	Lower	Upper
276	100		
138	35.7	27.8	41.6
277	25.4	20.2	30.4

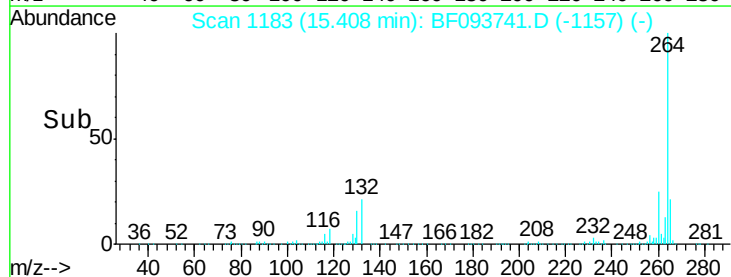
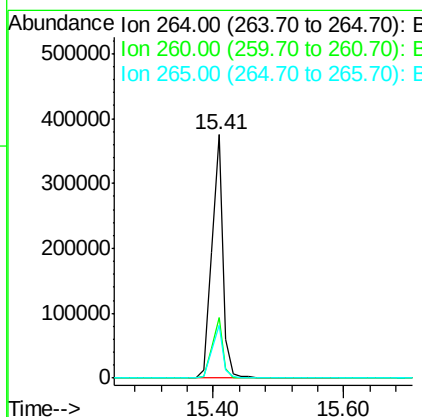
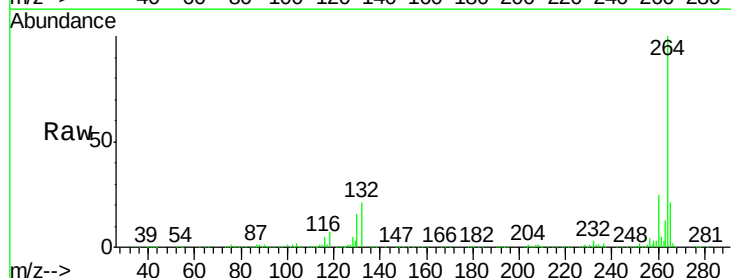
Manual Integrations
 APPROVED

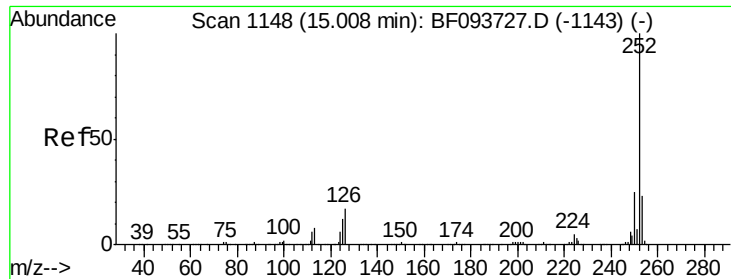
mohammad
 3/20/2017 12:59:44 PM



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.41 min Scan# 1183
 Delta R.T. 0.00 min
 Lab File: BF093741.D
 Acq: 18 Mar 2017 9:27

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.6	19.5	29.3
265	21.5	17.2	25.8





#87

Benzo(b)fluoranthene

Concen: 39.56 ng

RT: 15.01 min Scan# 1148

Delta R.T. 0.00 min

Lab File: BF093741.D

Acq: 18 Mar 2017 9:27

Instrument :

BNA_F

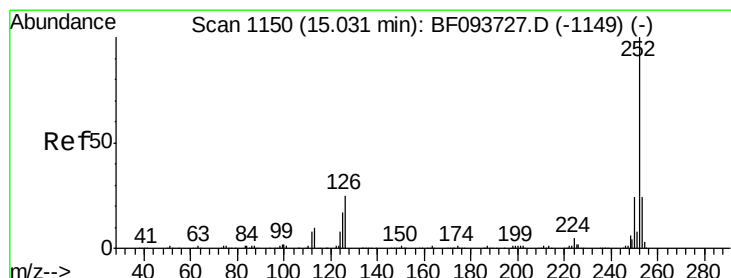
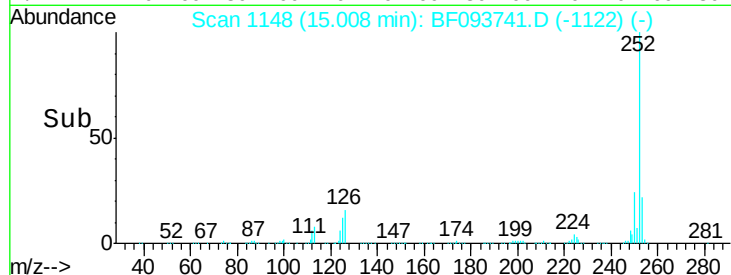
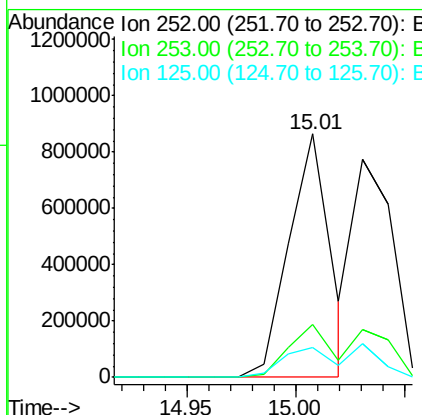
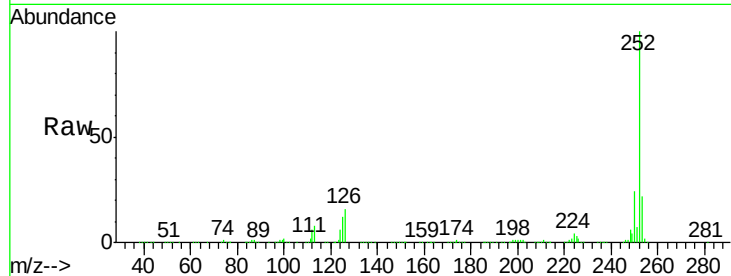
ClientSampleId :

PB97670BS

Tgt Ion:	252	Resp:	1138557
Ion	Ratio	Lower	Upper
252	100		
253	21.8	18.1	27.1
125	12.1	9.8	14.8

Manual Integrations
APPROVED

mohammad
3/20/2017 12:59:44 PM



#88

Benzo(k)fluoranthene

Concen: 39.18 ng m

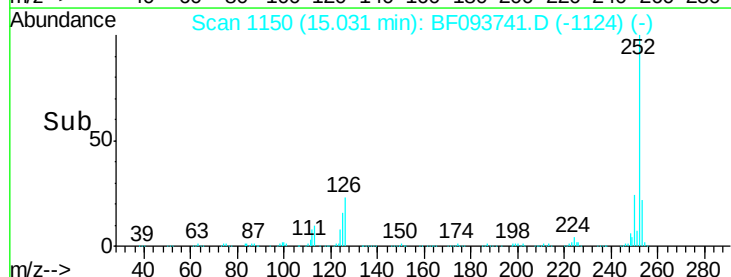
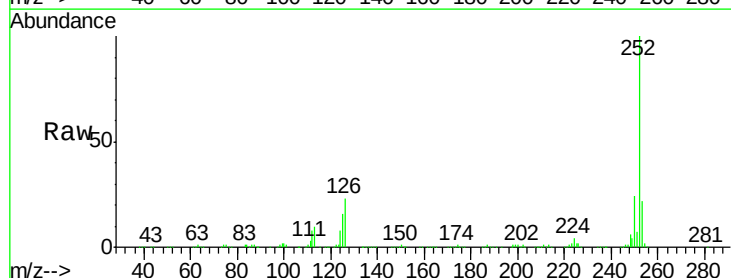
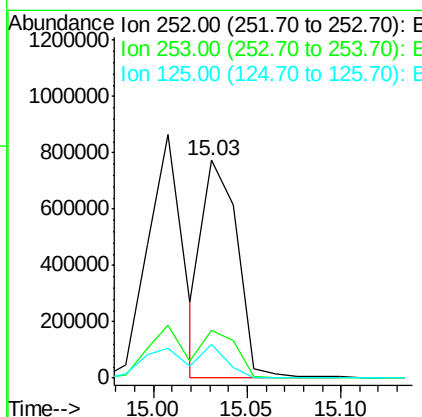
RT: 15.03 min Scan# 1150

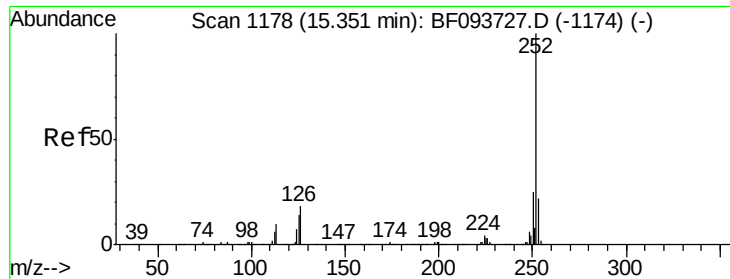
Delta R.T. 0.00 min

Lab File: BF093741.D

Acq: 18 Mar 2017 9:27

Tgt Ion:	252	Resp:	996498
Ion	Ratio	Lower	Upper
252	100		
253	22.2	18.4	27.6
125	15.7	13.1	19.7





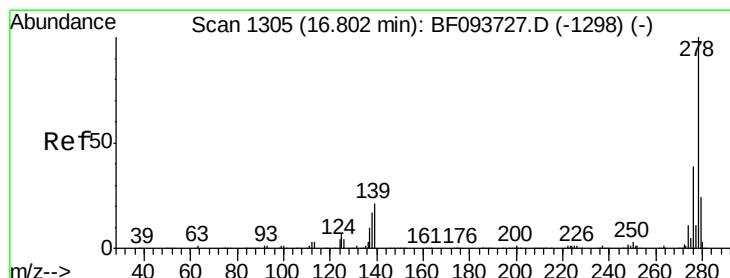
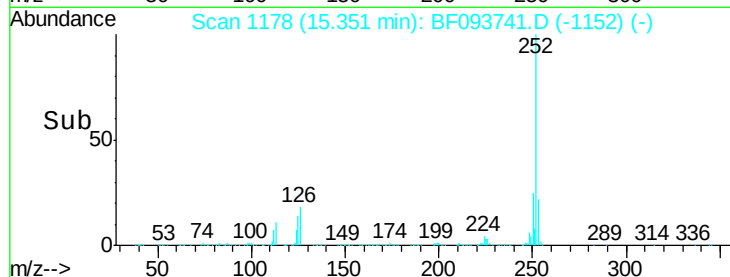
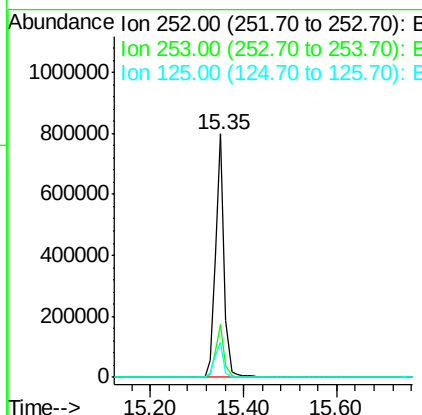
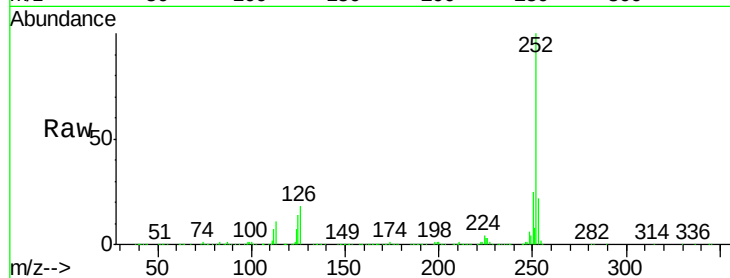
#89
Benzo(a)pyrene
Concen: 40.10 ng
RT: 15.35 min Scan# 1178
Delta R.T. 0.00 min
Lab File: BF093741.D
Acq: 18 Mar 2017 9:27

Instrument :
BNA_F
ClientSampled :
PB97670BS

Tgt Ion:252 Resp: 1019924
Ion Ratio Lower Upper
252 100
253 21.9 17.5 26.3
125 14.2 11.0 16.4

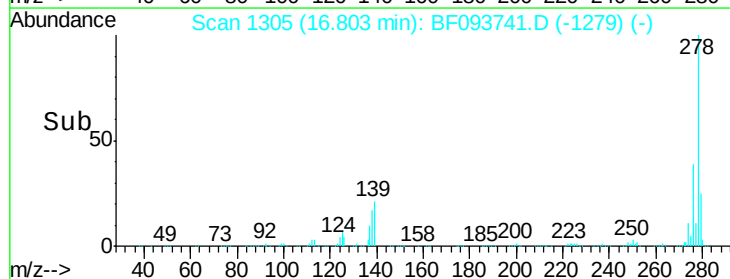
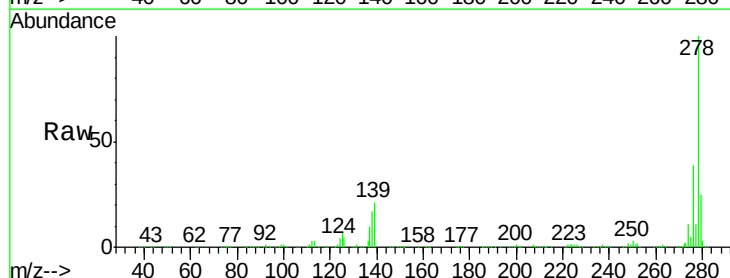
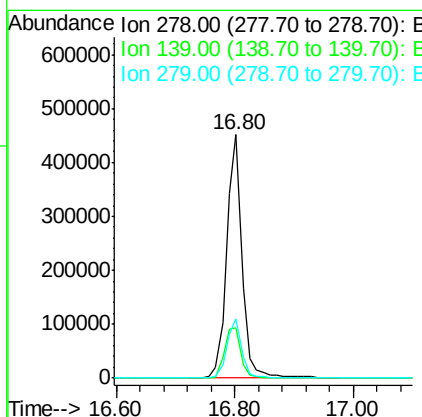
Manual Integrations
APPROVED

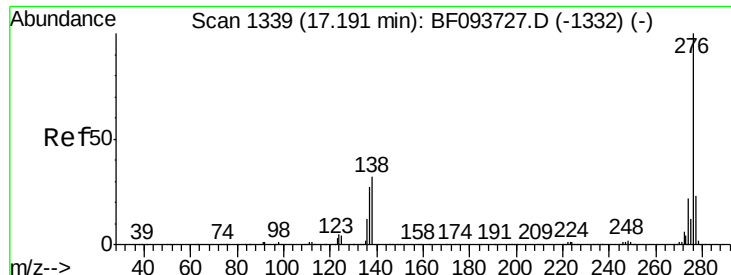
mohammad
3/20/2017 12:59:44 PM



#90
Dibenzo(a,h)anthracene
Concen: 37.60 ng
RT: 16.80 min Scan# 1305
Delta R.T. 0.00 min
Lab File: BF093741.D
Acq: 18 Mar 2017 9:27

Tgt Ion:278 Resp: 809266
Ion Ratio Lower Upper
278 100
139 20.7 16.6 24.8
279 24.6 19.3 28.9





#91
 Benzo(g,h,i)perylene
 Concen: 36.47 ng
 RT: 17.19 min Scan# 1339
 Delta R.T. 0.00 min
 Lab File: BF093741.D
 Acq: 18 Mar 2017 9:27

Instrument :
 BNA_F
 ClientSampleId :
 PB97670BS

Tgt	Ion	Ratio	Resp	Lower	Upper
276	100		798166		
277	24.2	18.6	28.0		
138	32.0	25.4	38.0		

Manual Integrations
 APPROVED

mohammad
 3/20/2017 12:59:44 PM

