

Data Path : Z:\HPCHEM1\BNA_F\Data\BF030217\
 Data File : BF093332.D
 Acq On : 2 Mar 2017 20:32
 Operator : SJ/MA
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Manual Integrations
 APPROVED

mohammad
 3/3/2017 5:16:45 PM

Quant Time: Mar 03 01:13:15 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 03 00:22:20 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	178665	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	700107	20.00	ng	0.00
38) Acenaphthene-d10	9.86	164	354881	20.00	ng	0.00
63) Phenanthrene-d10	11.34	188	619555	20.00	ng	0.00
75) Chrysene-d12	13.99	240	576808	20.00	ng	0.00
86) Perylene-d12	15.40	264	456454	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.38	112	855038	82.10	ng	-0.01
7) Phenol-d6	6.44	99	1082440	80.78	ng	-0.01
23) Nitrobenzene-d5	7.38	82	1096655	87.23	ng	0.00
41) 2,4,6-Tribromophenol	10.65	330	206754	80.55	ng	0.00
44) 2-Fluorobiphenyl	9.17	172	1440218	73.52	ng	0.00
78) Terphenyl-d14	12.93	244	1663004	67.74	ng	0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.32	88	238663	42.41	ng	86
3) Pyridine	3.01	79	616833	43.11	ng	90
4) n-Nitrosodimethylamine	2.98	42	313296	46.63	ng	83
6) Aniline	6.45	93	709219	38.80	ng	# 69
8) 2-Chlorophenol	6.58	128	463931	40.38	ng	90
9) Benzaldehyde	6.34	77	344935	35.93	ng	88
10) Phenol	6.46	94	635832	40.56	ng	94
11) bis(2-Chloroethyl)ether	6.53	93	504127	40.29	ng	91
12) 1,3-Dichlorobenzene	6.73	146	531716	39.51	ng	# 89
13) 1,4-Dichlorobenzene	6.81	146	535282	39.30	ng	98
14) 1,2-Dichlorobenzene	6.97	146	504620	38.75	ng	98
15) Benzyl Alcohol	6.96	79	370834	37.38	ng	96
16) 2,2'-oxybis(1-Chloropropan	7.08	45	863765	39.73	ng	88
17) 2-Methylphenol	7.07	107	384947	39.06	ng	95
18) Hexachloroethane	7.31	117	192945	41.50	ng	91
19) n-Nitroso-di-n-propylamine	7.22	70	335255	39.30	ng	94
20) 3+4-Methylphenols	7.23	107	512388	43.48	ng	# 78
22) Acetophenone	7.22	105	655502	41.01	ng	# 99
24) Nitrobenzene	7.39	77	530427	41.09	ng	99
25) Isophorone	7.63	82	1046652	44.68	ng	# 93
26) 2-Nitrophenol	7.71	139	267349	43.57	ng	96
27) 2,4-Dimethylphenol	7.76	122	437259	40.57	ng	98
28) bis(2-Chloroethoxy)methane	7.85	93	683677	44.06	ng	99
29) 2,4-Dichlorophenol	7.96	162	405745	40.37	ng	95
30) 1,2,4-Trichlorobenzene	8.03	180	412536	38.09	ng	96
31) Naphthalene	8.11	128	1305241	36.78	ng	99
32) Benzoic acid	7.92	122	219458	37.74	ng	99
33) 4-Chloroaniline	8.17	127	552850	39.72	ng	94
34) Hexachlorobutadiene	8.22	225	218945	36.74	ng	98
35) Caprolactam	8.57	113	147471	46.64	ng	# 74
36) 4-Chloro-3-methylphenol	8.67	107	440098	42.00	ng	98
37) 2-Methylnaphthalene	8.81	142	870122	38.18	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.98	216	425088	42.67	ng	99
40) Hexachlorocyclopentadiene	8.96	237	188510	41.94	ng	96

Data Path : Z:\HPCHEM1\BNA_F\Data\BF030217\
 Data File : BF093332.D
 Acq On : 2 Mar 2017 20:32
 Operator : SJ/MA
 Sample : SSTDC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDC040EC

Manual Integrations
 APPROVED

mohammad
 3/3/2017 5:16:45 PM

Quant Time: Mar 03 01:13:15 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 03 00:22:20 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.09	196	262934	40.17	ng	92
43) 2,4,5-Trichlorophenol	9.15	196	284721	39.70	ng	# 85
45) 1,1'-Biphenyl	9.28	154	1075303	41.84	ng	98
46) 2-Chloronaphthalene	9.30	162	823042	40.94	ng	96
47) 2-Nitroaniline	9.40	65	311755	46.13	ng	90
48) Acenaphthylene	9.72	152	1416191	40.78	ng	97
49) Dimethylphthalate	9.58	163	1020494	42.69	ng	99
50) 2,6-Dinitrotoluene	9.65	165	237475	46.00	ng	# 84
51) Acenaphthene	9.89	154	827107	39.84	ng	96
52) 3-Nitroaniline	9.82	138	274310	46.43	ng	98
53) 2,4-Dinitrophenol	9.95	184	118545	47.20	ng	# 86
54) Dibenzofuran	10.06	168	1082838	38.99	ng	93
55) 4-Nitrophenol	10.01	139	145049	34.09	ng	90
56) 2,4-Dinitrotoluene	10.06	165	280128	40.76	ng	95
57) Fluorene	10.41	166	939333	43.97	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.19	232	215056	44.95	ng	94
59) Diethylphthalate	10.28	149	919278	40.81	ng	99
60) 4-Chlorophenyl-phenylether	10.40	204	403411	39.30	ng	87
61) 4-Nitroaniline	10.44	138	256561	42.40	ng	93
62) Azobenzene	10.56	77	1020700	43.86	ng	98
64) 4,6-Dinitro-2-methylphenol	10.48	198	161413	43.09	ng	# 45
65) n-Nitrosodiphenylamine	10.52	169	802185	40.53	ng	99
66) 4-Bromophenyl-phenylether	10.89	248	255863	39.53	ng	92
67) Hexachlorobenzene	10.96	284	238722	37.32	ng	# 89
68) Atrazine	11.06	200	282631	44.50	ng	93
69) Pentachlorophenol	11.16	266	118125	39.75	ng	97
70) Phenanthrene	11.37	178	1237336	34.86	ng	99
71) Anthracene	11.42	178	1456189	40.85	ng	98
72) Carbazole	11.58	167	1369378	40.19	ng	99
73) Di-n-butylphthalate	11.90	149	1447520	39.28	ng	98
74) Fluoranthene	12.56	202	1340406	36.61	ng	98
76) Benzidine	12.68	184	827240	33.66	ng	98
77) Pyrene	12.78	202	1361288	31.54	ng	99
79) Butylbenzylphthalate	13.40	149	727055	41.48	ng	88
80) Benzo(a)anthracene	13.97	228	1285457	36.44	ng	99
81) 3,3'-Dichlorobenzidine	13.94	252	480804	38.23	ng	# 96
82) Chrysene	14.01	228	1017966	30.82	ng	100
83) Bis(2-ethylhexyl)phthalate	13.95	149	896201	37.38	ng	99
84) Di-n-octyl phthalate	14.56	149	1589158	40.71	ng	99
85) Indeno(1,2,3-cd)pyrene	16.80	276	910791	35.60	ng	# 93
87) Benzo(b)fluoranthene	15.00	252	1269674m	42.26	ng	
88) Benzo(k)fluoranthene	15.03	252	866057m	33.39	ng	
89) Benzo(a)pyrene	15.35	252	1018910	39.21	ng	98
90) Dibenzo(a,h)anthracene	16.81	278	767176	36.53	ng	99
91) Benzo(g,h,i)perylene	17.22	276	782236	36.87	ng	# 94

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

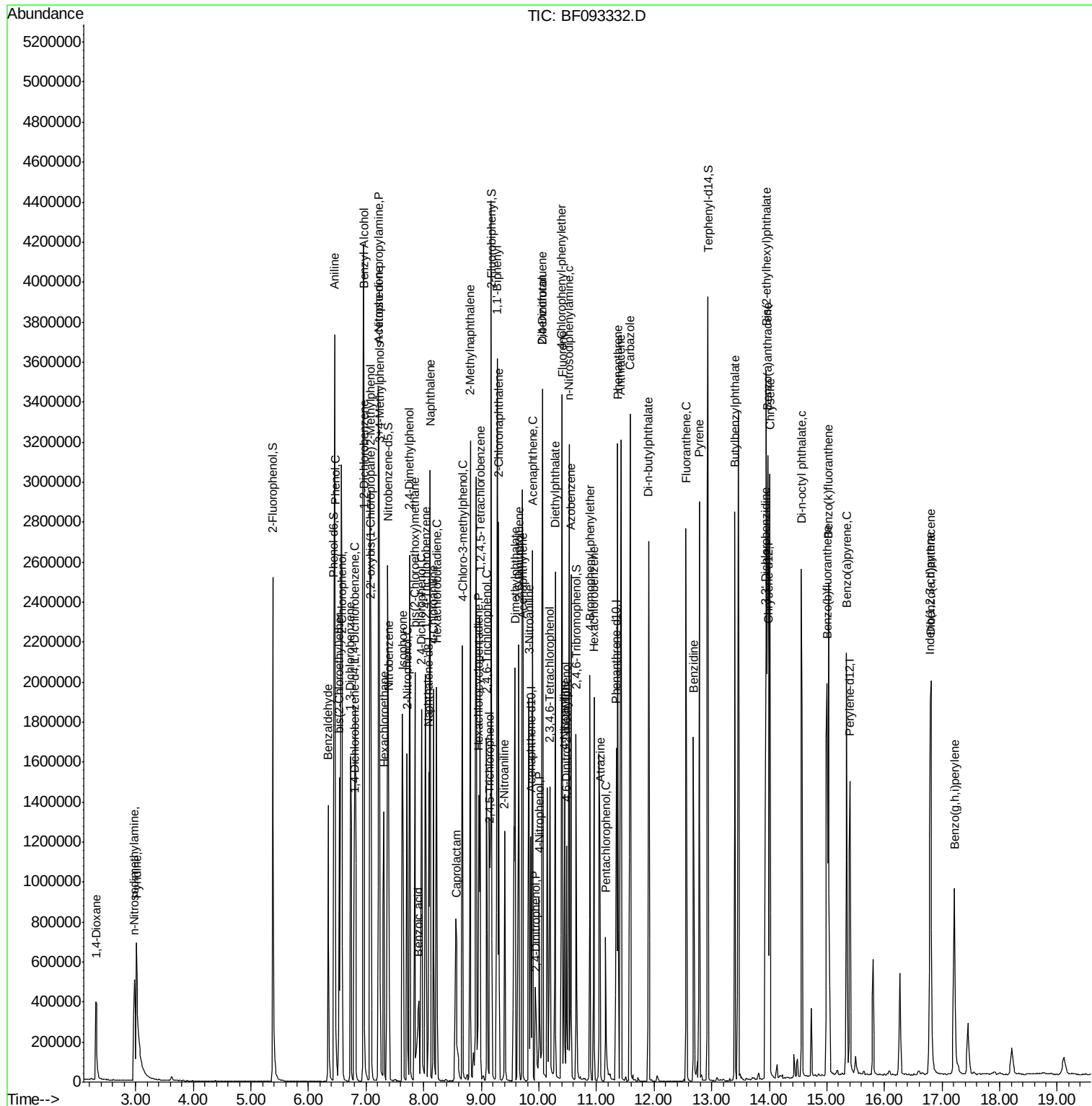
Data Path : Z:\HPCHEM1\BNA_F\Data\BF030217\
Data File : BF093332.D
Acq On : 2 Mar 2017 20:32
Operator : SJ/MA
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

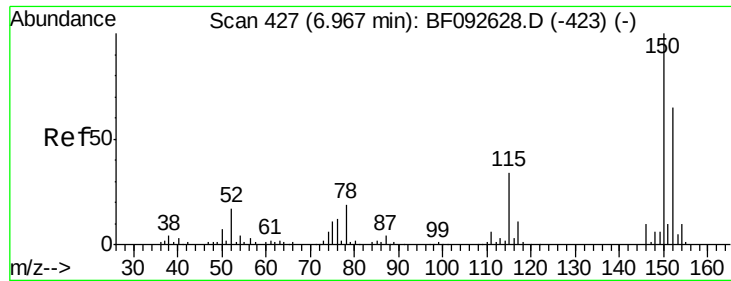
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Manual Integrations
APPROVED

mohammad
3/3/2017 5:16:45 PM

Quant Time: Mar 03 01:13:15 2017
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 03 00:22:20 2017
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.80 min Scan# 412

Delta R.T. -0.00 min

Lab File: BF093332.D

Acq: 2 Mar 2017 20:32

Instrument :

BNA_F

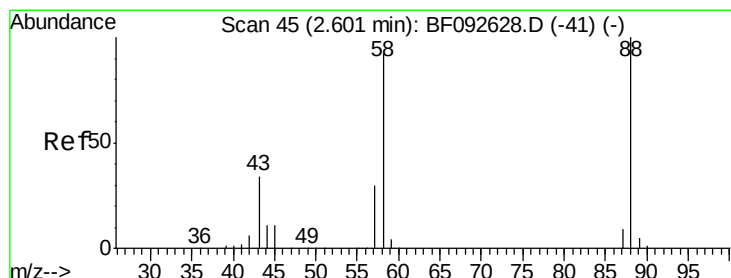
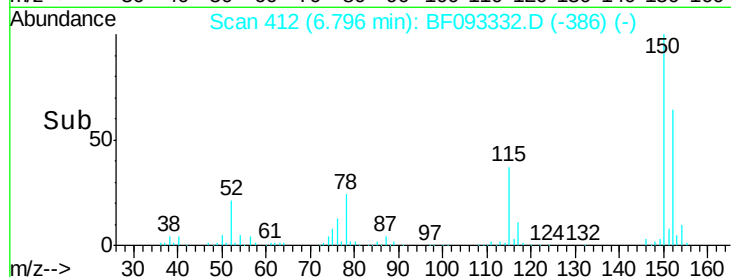
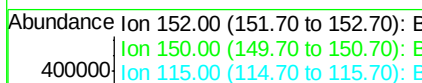
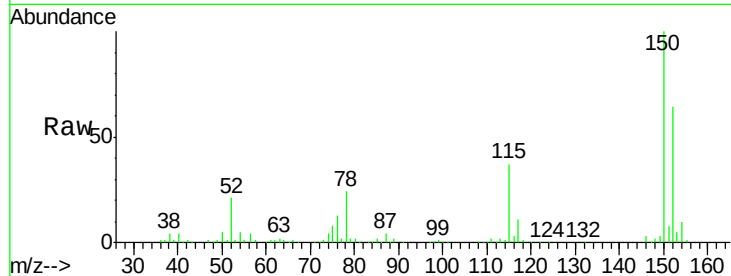
ClientSampleId :

SSTDCCC040EC

Tgt Ion:	152	Resp:	178665
Ion Ratio	Lower	Upper	
152	100		
150	155.4	124.9	187.3
115	57.5	46.0	69.0

Manual Integrations
APPROVED

mohammad
3/3/2017 5:16:45 PM



#2

1,4-Dioxane

Concen: 42.41 ng

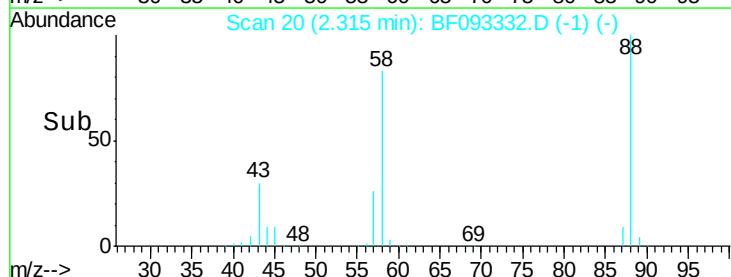
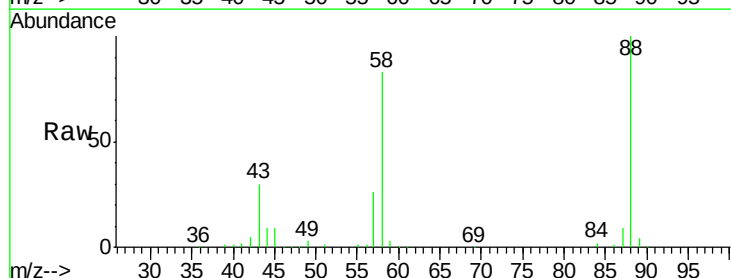
RT: 2.32 min Scan# 20

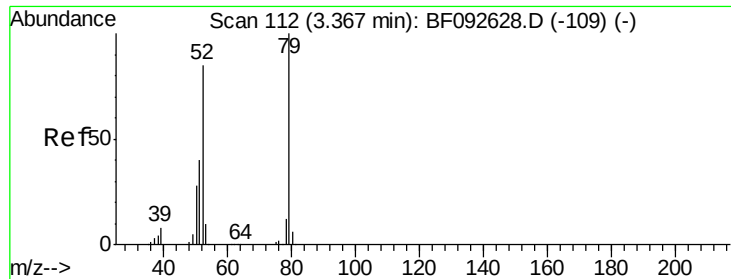
Delta R.T. -0.00 min

Lab File: BF093332.D

Acq: 2 Mar 2017 20:32

Tgt Ion:	88	Resp:	238663
Ion Ratio	Lower	Upper	
88	100		
58	86.4	57.8	86.8
43	30.8	22.3	33.5





#3

Pyridine

Concen: 43.11 ng

RT: 3.01 min Scan# 81

Delta R.T. -0.00 min

Lab File: BF093332.D

Acq: 2 Mar 2017 20:32

Instrument :

BNA_F

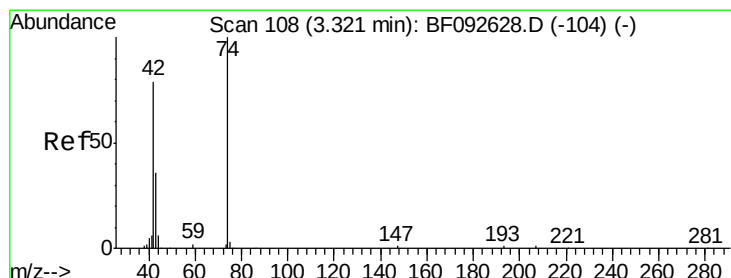
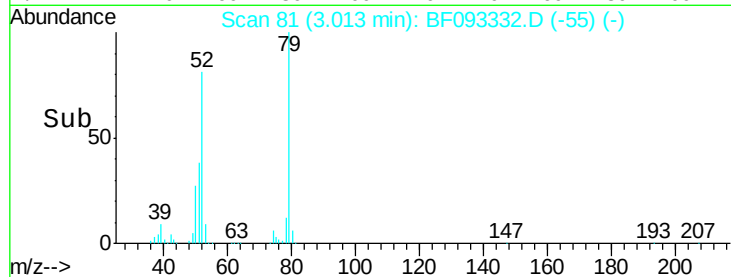
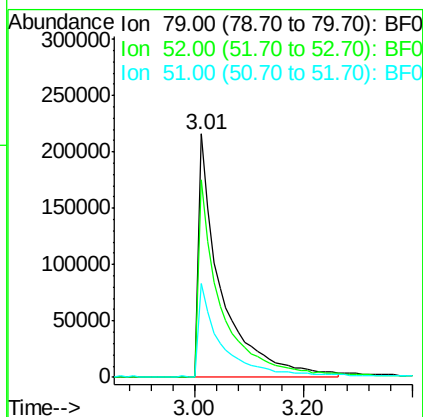
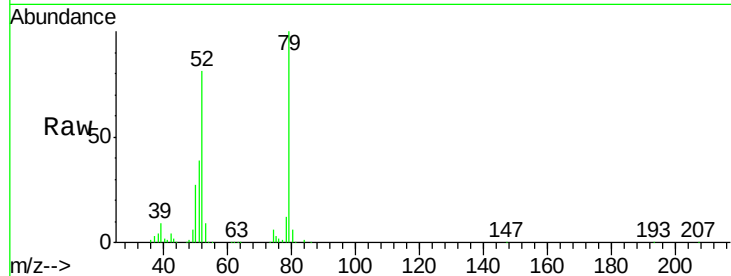
ClientSampleId :

SSTDCCC040EC

Tgt Ion:	79	Resp:	616833
Ion	Ratio	Lower	Upper
79	100		
52	81.0	57.1	85.7
51	38.7	27.3	40.9

Manual Integrations
APPROVED

mohammad
3/3/2017 5:16:45 PM



#4

n-Nitrosodimethylamine

Concen: 46.63 ng

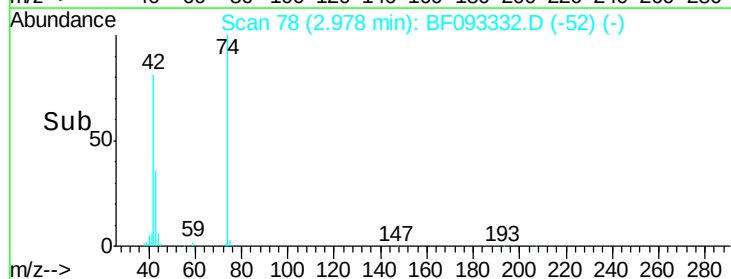
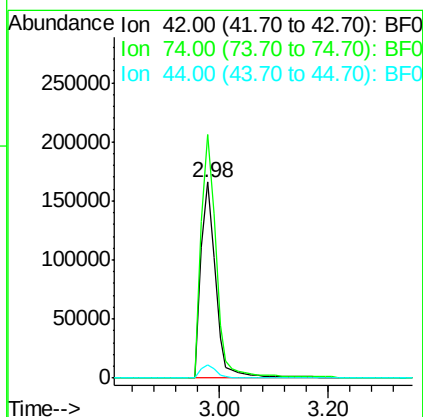
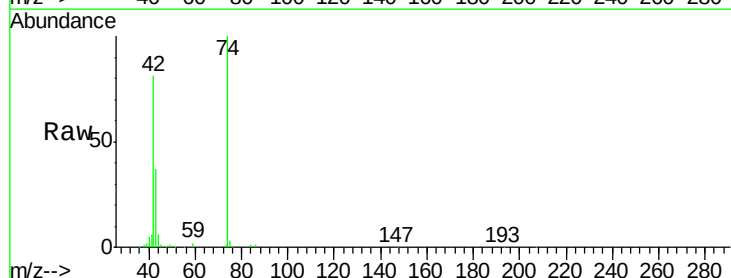
RT: 2.98 min Scan# 78

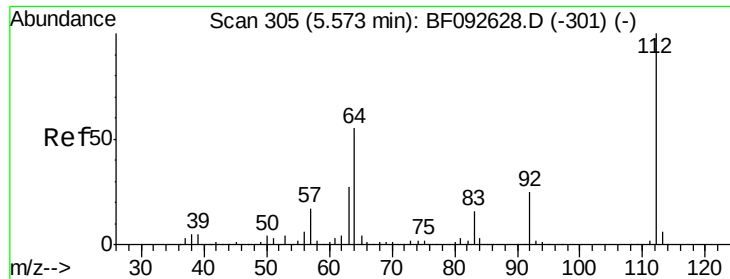
Delta R.T. -0.00 min

Lab File: BF093332.D

Acq: 2 Mar 2017 20:32

Tgt Ion:	42	Resp:	313296
Ion	Ratio	Lower	Upper
42	100		
74	124.1	117.0	175.4
44	7.1	5.5	8.3





#5

2-Fluorophenol

Concen: 82.10 ng

RT: 5.38 min Scan# 288

Delta R.T. -0.01 min

Lab File: BF093332.D

Acq: 2 Mar 2017 20:32

Instrument :

BNA_F

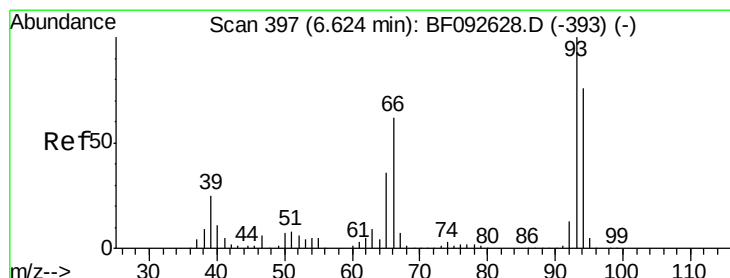
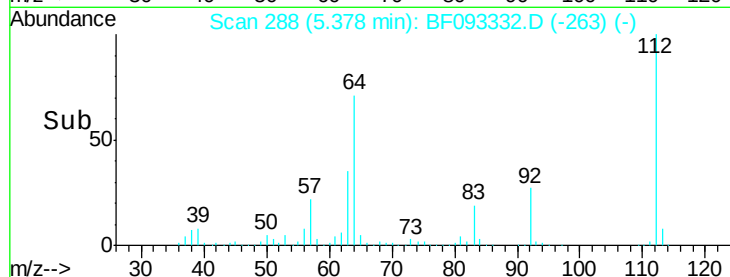
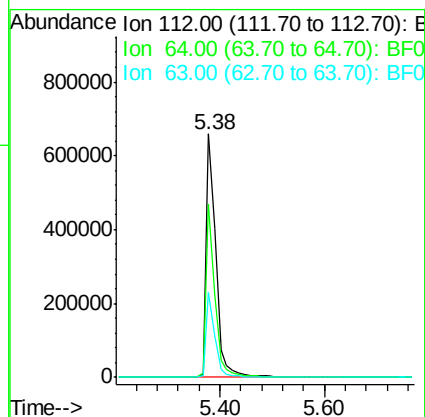
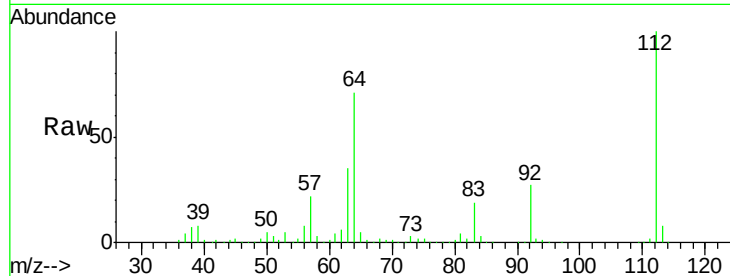
ClientSampleId :

SSTDCCC040EC

Tgt Ion:	112	Resp:	855038
Ion Ratio	Lower	Upper	
112	100		
64	71.3	46.1	69.1#
63	34.9	23.8	35.6

Manual Integrations
APPROVED

mohammad
3/3/2017 5:16:45 PM



#6

Aniline

Concen: 38.80 ng

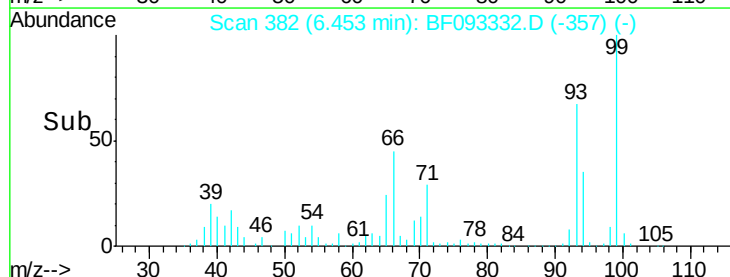
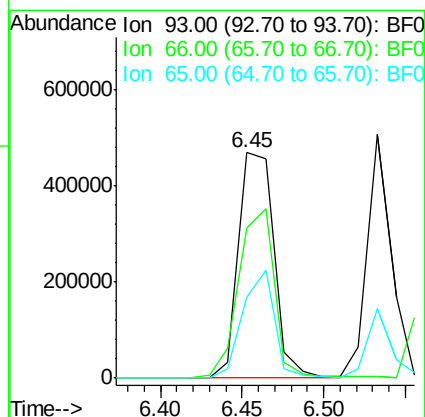
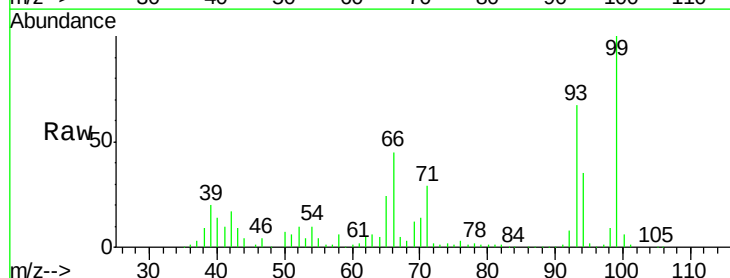
RT: 6.45 min Scan# 382

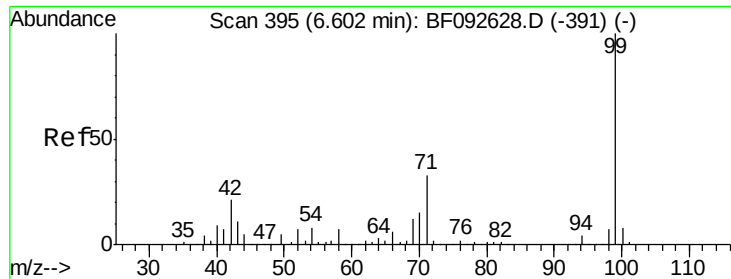
Delta R.T. -0.01 min

Lab File: BF093332.D

Acq: 2 Mar 2017 20:32

Tgt Ion:	93	Resp:	709219
Ion Ratio	Lower	Upper	
93	100		
66	66.9	76.2	114.2#
65	36.3	49.3	73.9#





#7

Phenol-d6

Concen: 80.78 ng

RT: 6.44 min Scan# 381

Delta R.T. -0.01 min

Lab File: BF093332.D

Acq: 2 Mar 2017 20:32

Instrument :

BNA_F

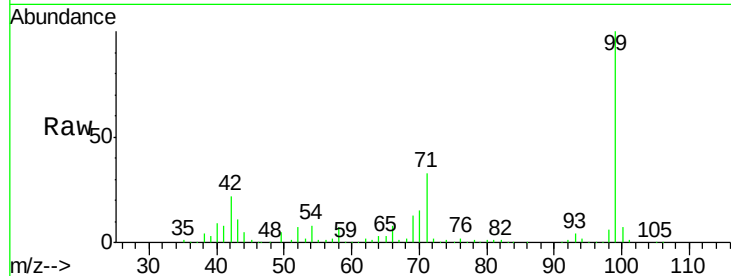
ClientSampleId :

SSTDCCC040EC

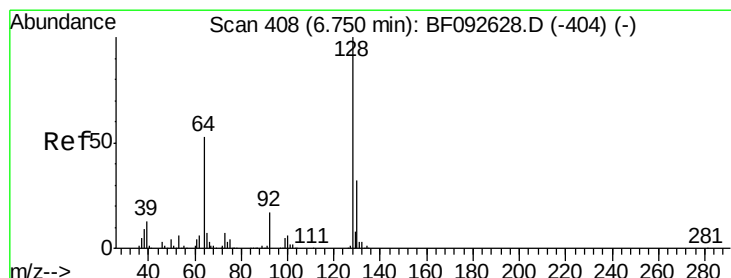
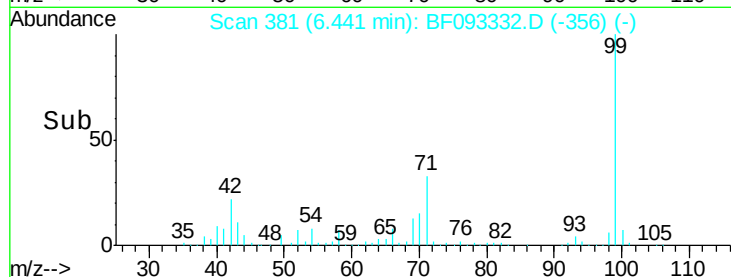
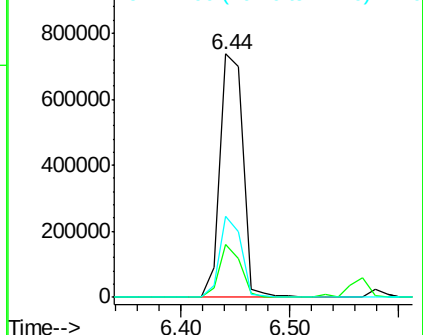
Tgt Ion:	99	Resp:	1082440
Ion	Ratio	Lower	Upper
99	100		
42	21.8	15.6	23.4
71	33.1	27.5	41.3

Manual Integrations
APPROVED

mohammad
3/3/2017 5:16:45 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: 40.38 ng

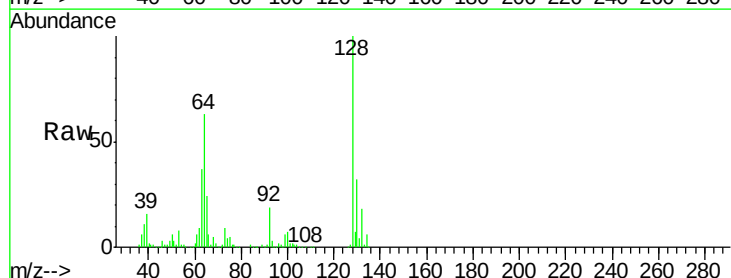
RT: 6.58 min Scan# 393

Delta R.T. -0.00 min

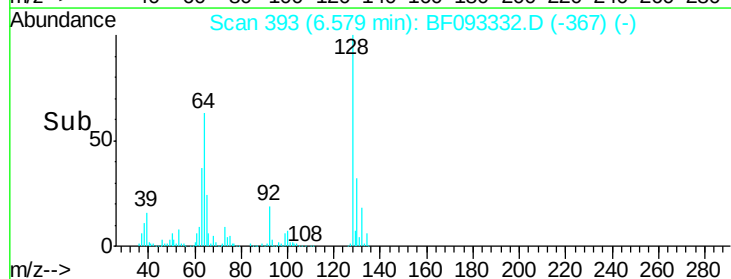
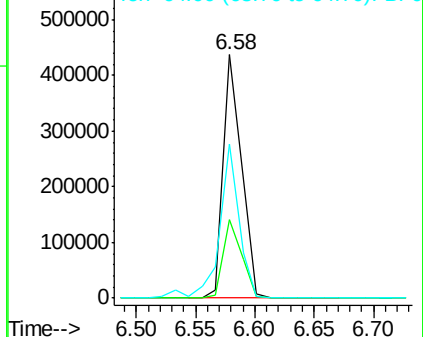
Lab File: BF093332.D

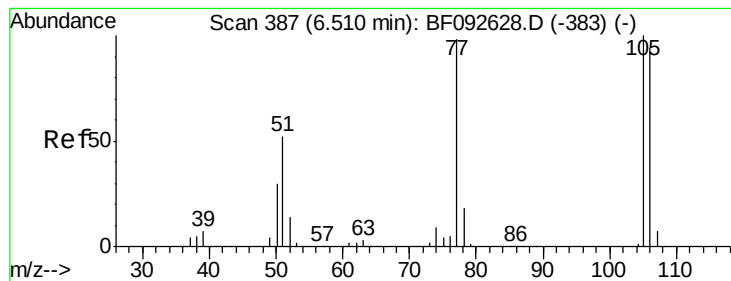
Acq: 2 Mar 2017 20:32

Tgt Ion:	128	Resp:	463931
Ion	Ratio	Lower	Upper
128	100		
130	32.1	12.3	52.3
64	63.5	32.2	72.2



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: 35.93 ng

RT: 6.34 min Scan# 372

Delta R.T. -0.00 min

Lab File: BF093332.D

Acq: 2 Mar 2017 20:32

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tgt Ion: 77 Resp: 344935
Ion Ratio Lower Upper

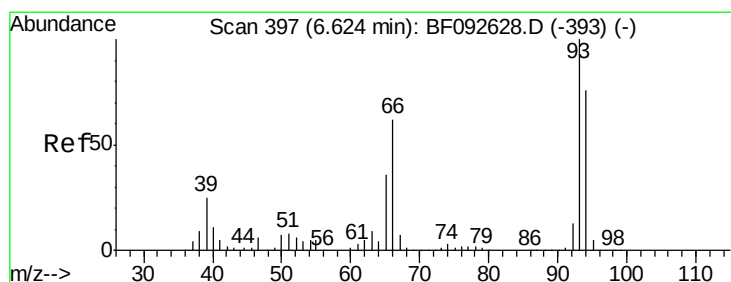
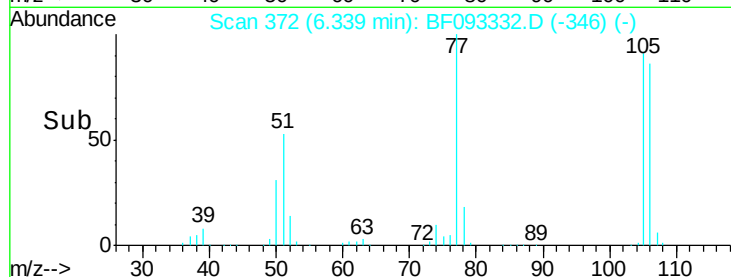
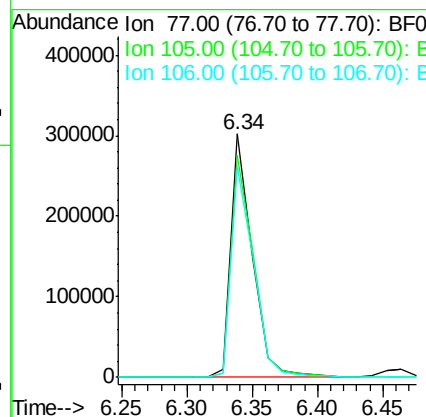
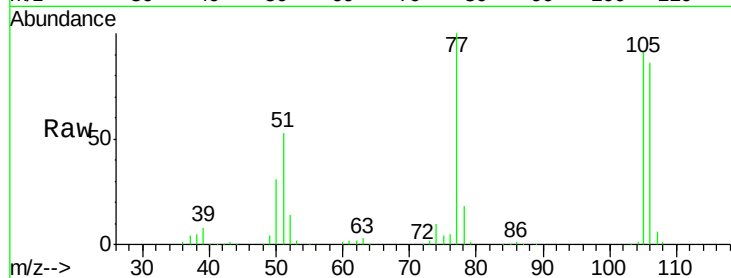
77 100

105 91.3 83.9 123.9

106 86.3 77.6 117.6

Manual Integrations
APPROVED

mohammad
3/3/2017 5:16:45 PM



#10

Phenol

Concen: 40.56 ng

RT: 6.46 min Scan# 383

Delta R.T. -0.00 min

Lab File: BF093332.D

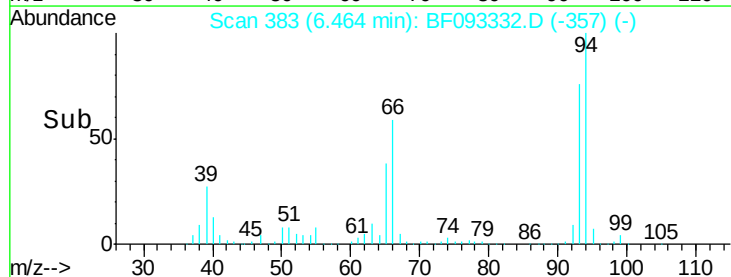
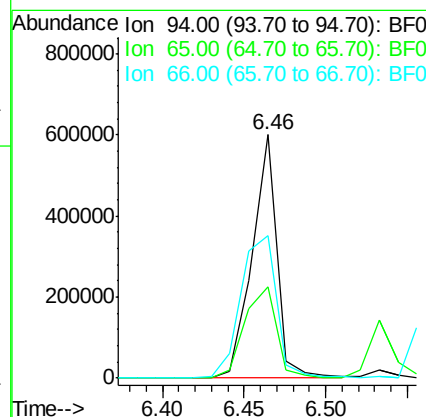
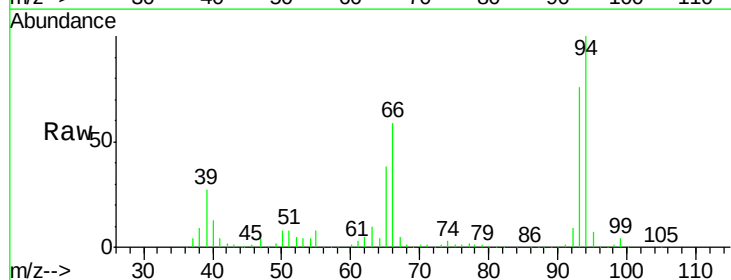
Acq: 2 Mar 2017 20:32

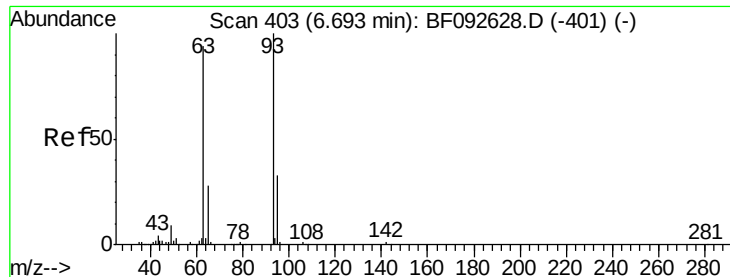
Tgt Ion: 94 Resp: 635832
Ion Ratio Lower Upper

94 100

65 37.6 21.4 61.4

66 58.8 44.0 84.0





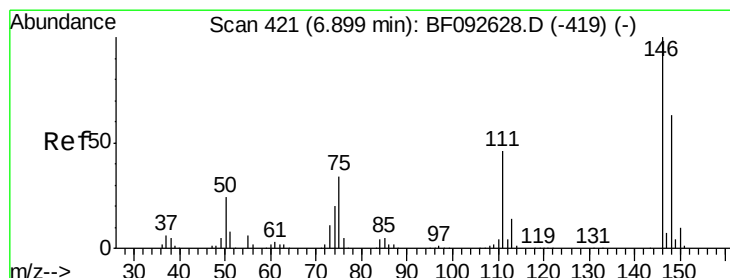
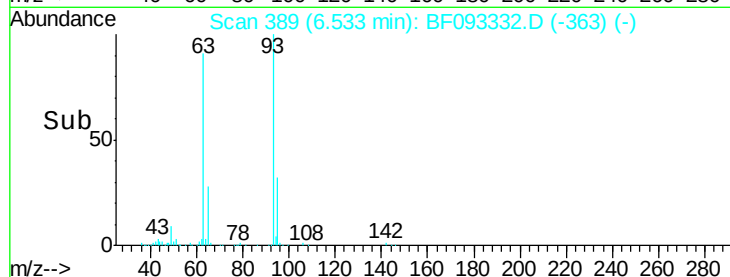
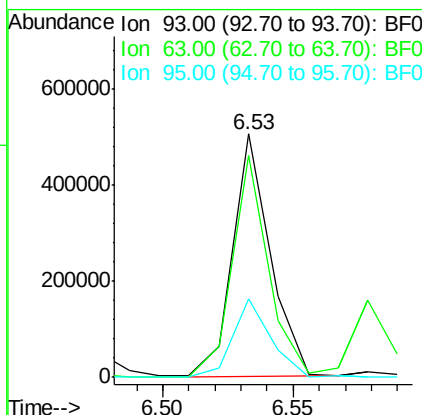
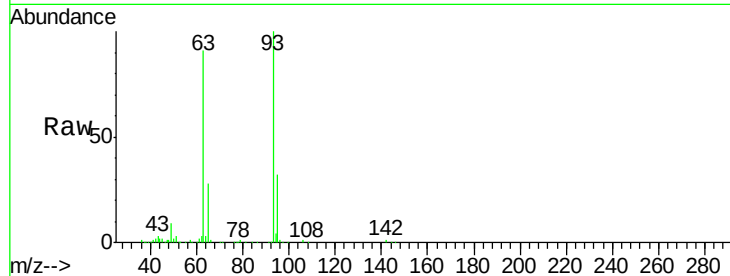
#11
bis(2-Chloroethyl)ether
Concen: 40.29 ng
RT: 6.53 min Scan# 389
Delta R.T. -0.00 min
Lab File: BF093332.D
Acq: 2 Mar 2017 20:32

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion	Ratio	Lower	Upper
93	100		
63	91.2	60.4	100.4
95	32.4	12.8	52.8

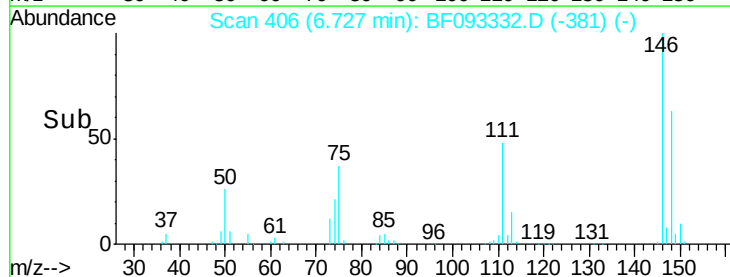
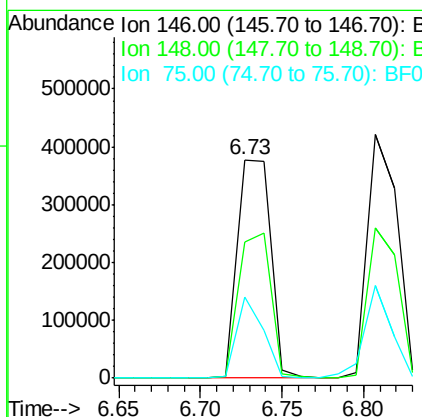
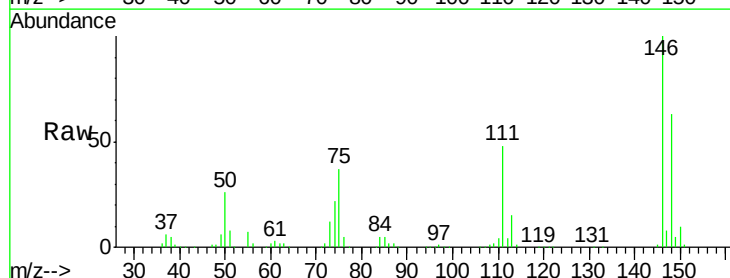
Manual Integrations
APPROVED

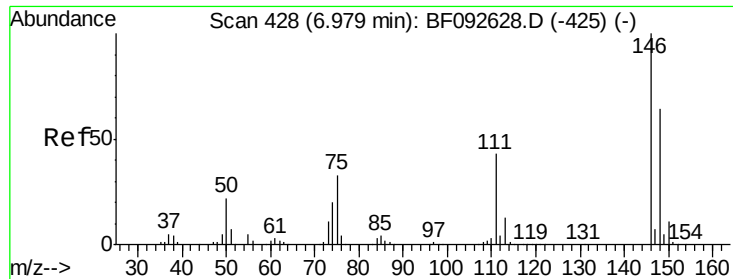
mohammad
3/3/2017 5:16:45 PM



#12
1,3-Dichlorobenzene
Concen: 39.51 ng
RT: 6.73 min Scan# 406
Delta R.T. -0.01 min
Lab File: BF093332.D
Acq: 2 Mar 2017 20:32

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.5	53.4	80.0
75	37.5	18.5	27.7#





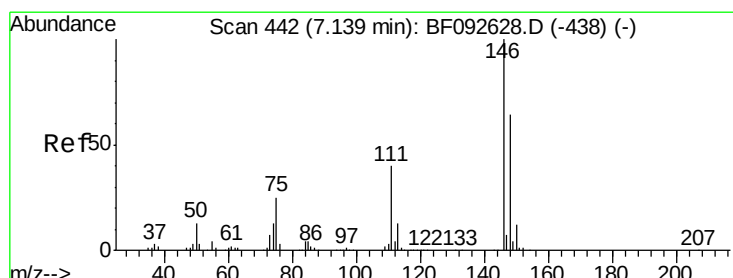
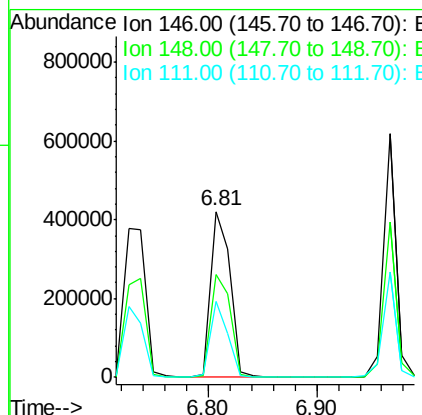
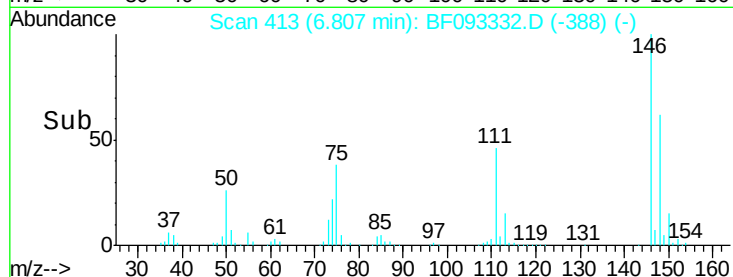
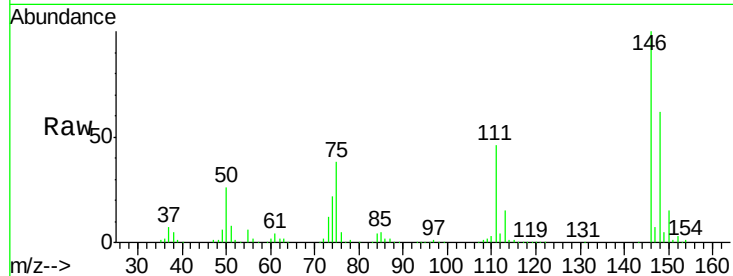
#13
1,4-Dichlorobenzene
Concen: 39.30 ng
RT: 6.81 min Scan# 413
Delta R.T. -0.01 min
Lab File: BF093332.D
Acq: 2 Mar 2017 20:32

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion	Ratio	Lower	Upper
146	100		
148	61.8	50.6	76.0
111	46.0	36.2	54.4

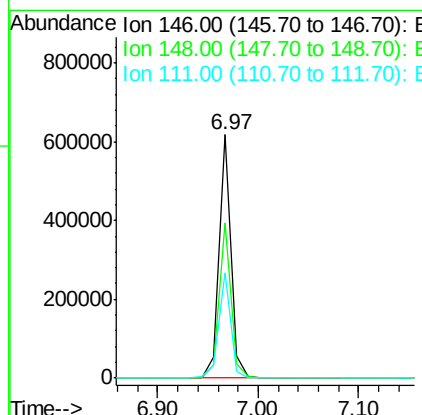
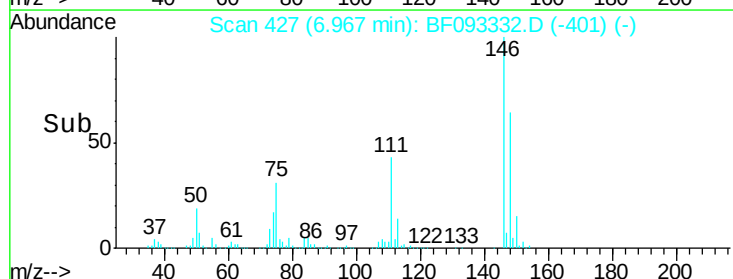
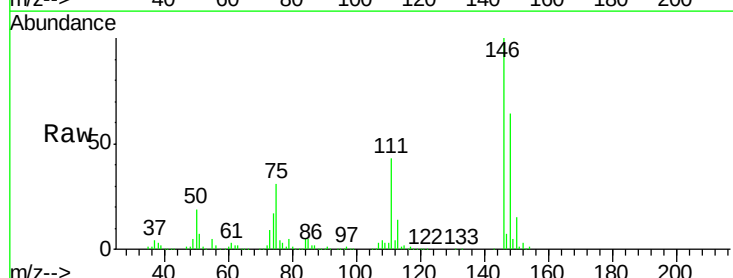
Manual Integrations
APPROVED

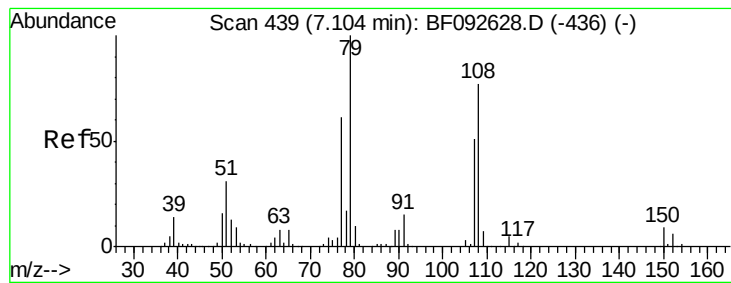
mohammad
3/3/2017 5:16:45 PM



#14
1,2-Dichlorobenzene
Concen: 38.75 ng
RT: 6.97 min Scan# 427
Delta R.T. -0.00 min
Lab File: BF093332.D
Acq: 2 Mar 2017 20:32

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.6	52.2	78.2
111	43.3	36.2	54.2





#15

Benzyl Alcohol

Concen: 37.38 ng

RT: 6.96 min Scan# 426

Delta R.T. -0.00 min

Lab File: BF093332.D

Acq: 2 Mar 2017 20:32

Instrument :

BNA_F

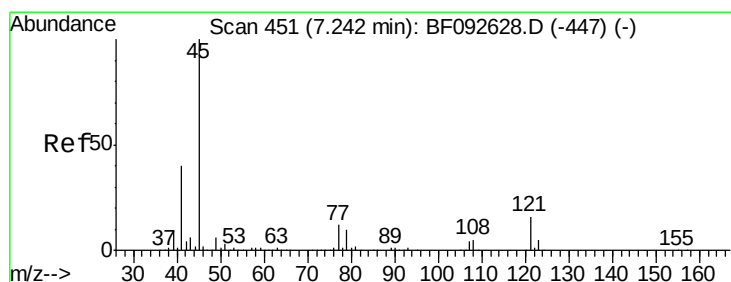
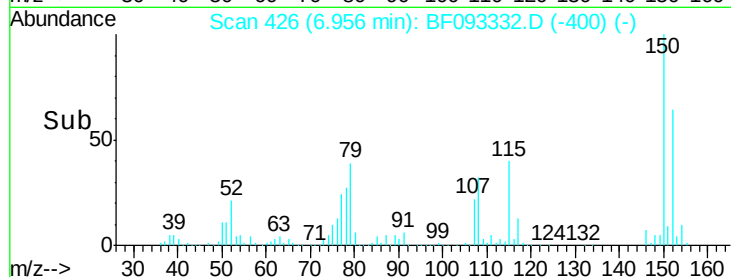
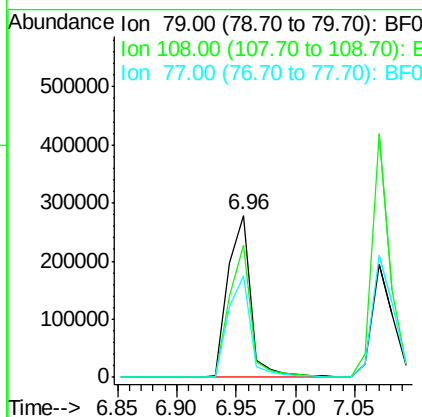
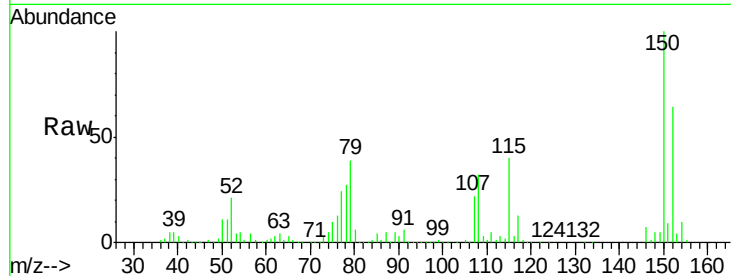
ClientSampleId :

SSTDCCC040EC

Tgt Ion:	79	Resp:	370834
Ion Ratio	Lower	Upper	
79	100		
108	81.9	61.4	92.0
77	62.9	50.9	76.3

Manual Integrations
APPROVED

mohammad
3/3/2017 5:16:45 PM



#16

2,2'-oxybis(1-Chloropropane)

Concen: 39.73 ng

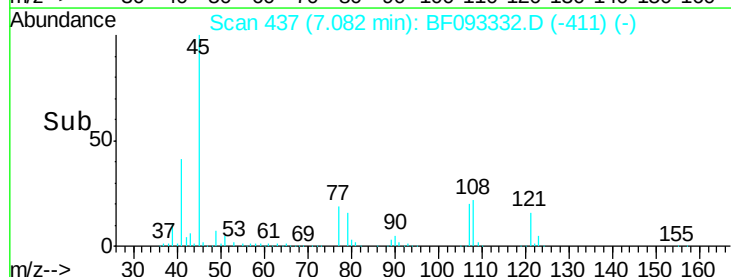
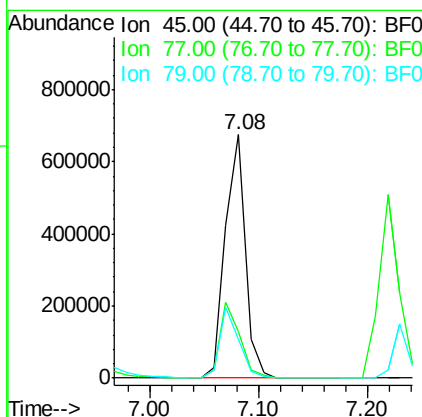
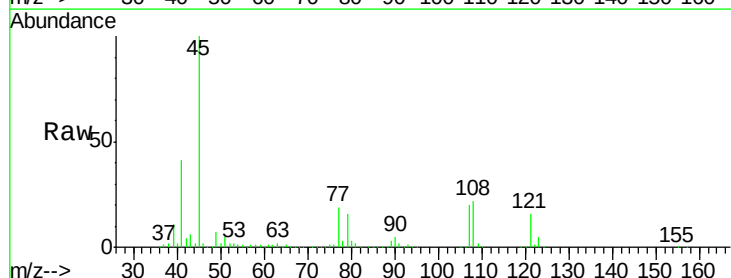
RT: 7.08 min Scan# 437

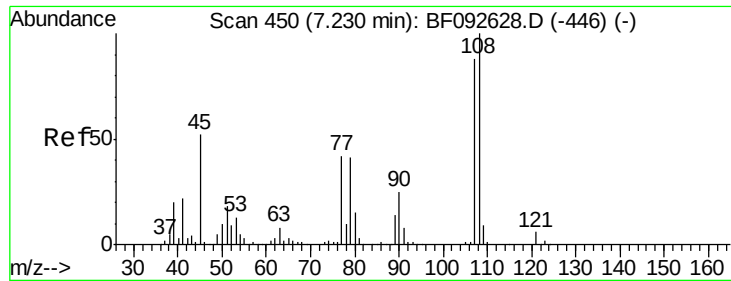
Delta R.T. -0.00 min

Lab File: BF093332.D

Acq: 2 Mar 2017 20:32

Tgt Ion:	45	Resp:	863765
Ion Ratio	Lower	Upper	
45	100		
77	18.9	0.0	34.6
79	16.2	0.0	31.2





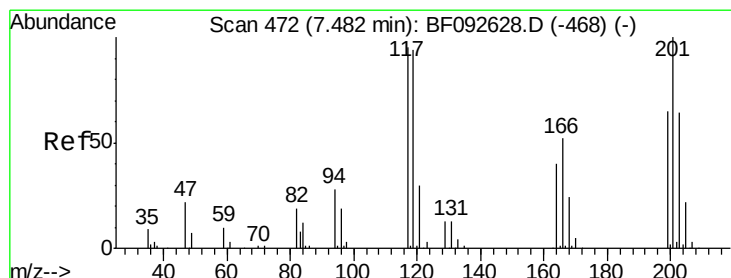
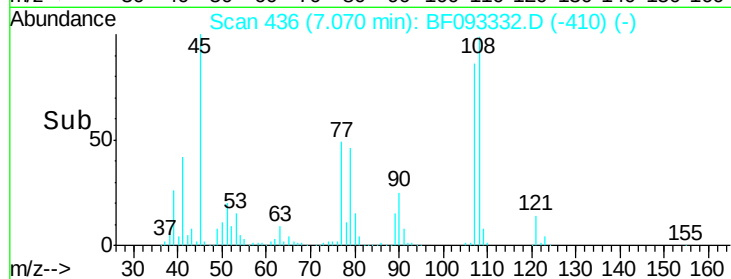
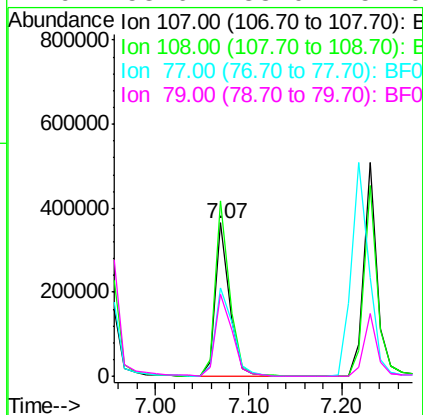
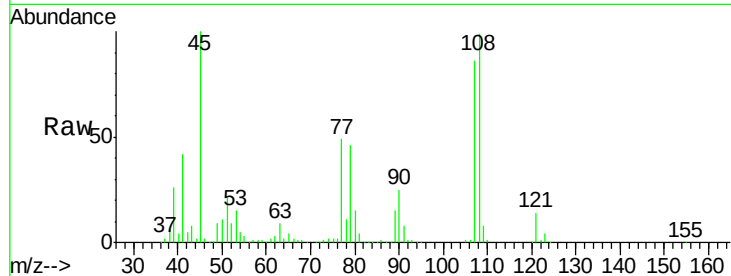
#17
2-Methylphenol
Concen: 39.06 ng
RT: 7.07 min Scan# 436
Delta R.T. -0.00 min
Lab File: BF093332.D
Acq: 2 Mar 2017 20:32

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion:	107	Resp:	384947
Ion Ratio	Lower	Upper	
107	100		
108	114.8	93.0	139.6
77	57.6	39.8	59.8
79	53.6	38.0	57.0

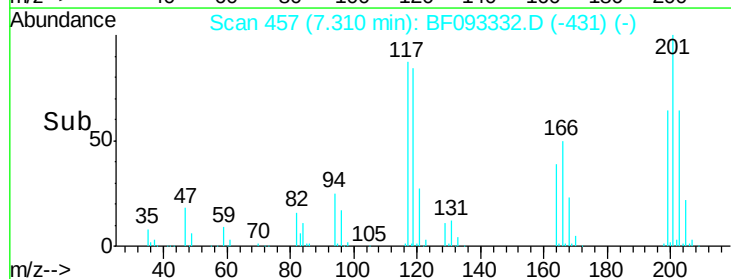
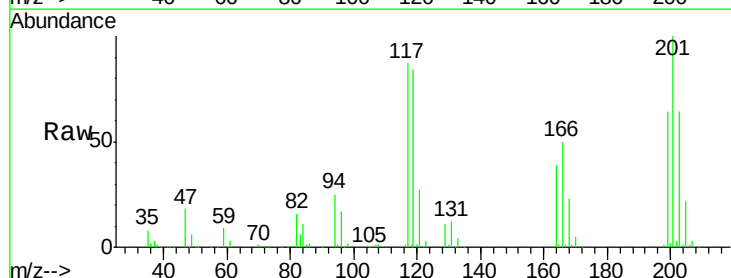
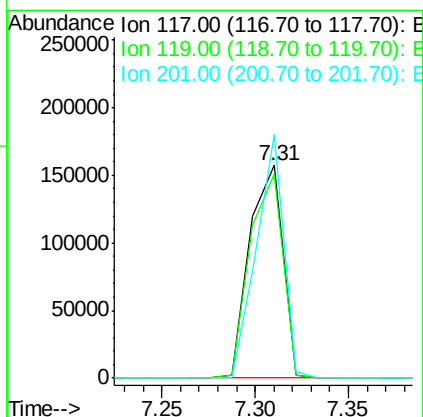
Manual Integrations
APPROVED

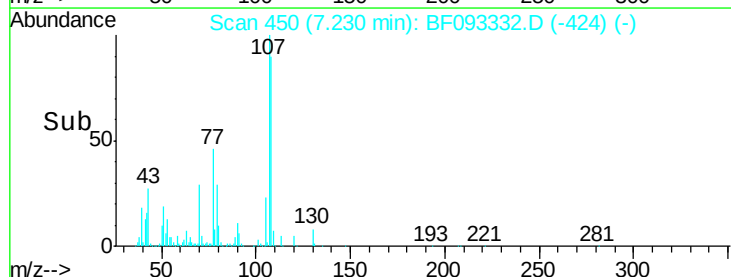
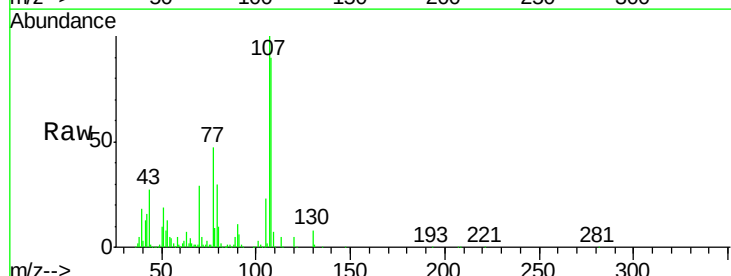
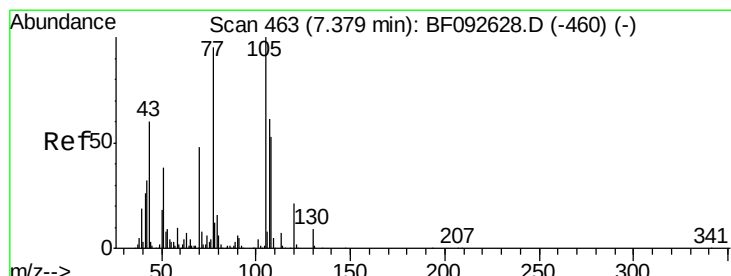
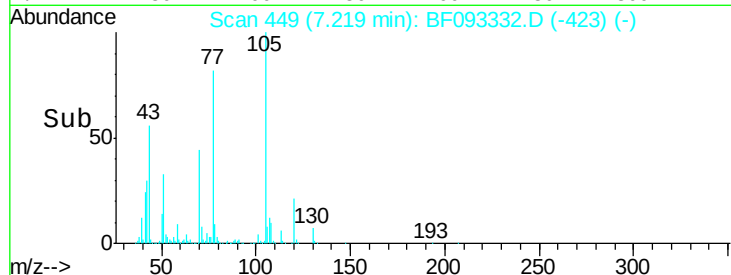
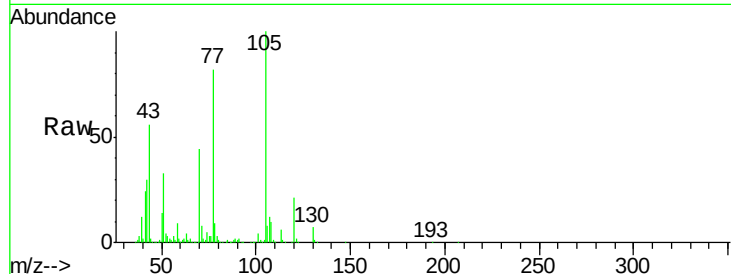
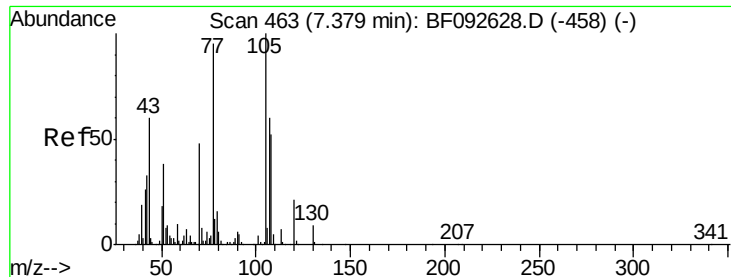
mohammad
3/3/2017 5:16:45 PM



#18
Hexachloroethane
Concen: 41.50 ng
RT: 7.31 min Scan# 457
Delta R.T. -0.00 min
Lab File: BF093332.D
Acq: 2 Mar 2017 20:32

Tgt Ion:	117	Resp:	192945
Ion Ratio	Lower	Upper	
117	100		
119	95.8	78.1	117.1
201	114.5	78.6	117.8





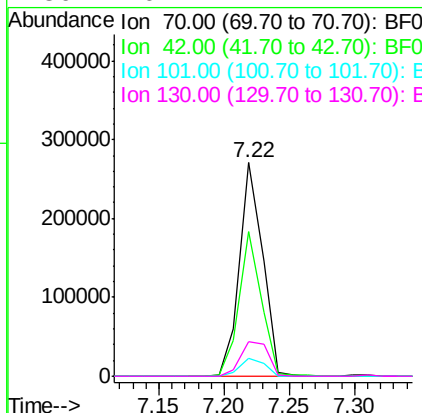
#19
n-Nitroso-di-n-propylamine
Concen: 39.30 ng
RT: 7.22 min Scan# 449
Delta R.T. -0.00 min
Lab File: BF093332.D
Acq: 2 Mar 2017 20:32

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion	Ratio	Lower	Upper
70	100		
42	67.6	49.4	74.0
101	8.6	7.4	11.2
130	16.4	14.2	21.4

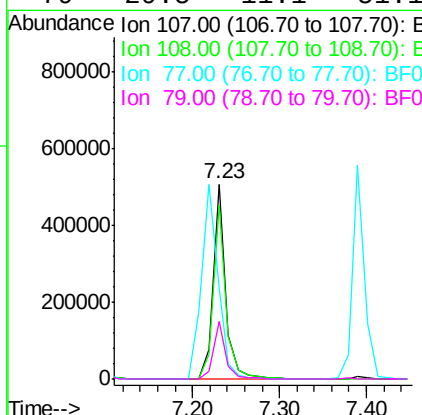
Manual Integrations
APPROVED

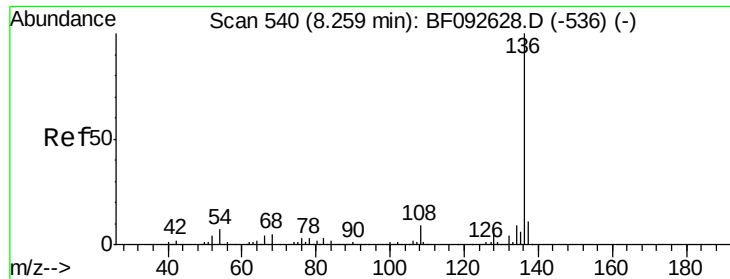
mohammad
3/3/2017 5:16:45 PM



#20
3+4-Methylphenols
Concen: 43.48 ng
RT: 7.23 min Scan# 450
Delta R.T. -0.00 min
Lab File: BF093332.D
Acq: 2 Mar 2017 20:32

Tgt Ion	Ratio	Lower	Upper
107	100		
108	89.6	73.0	113.0
77	46.5	71.3	111.3#
79	29.5	11.1	51.1





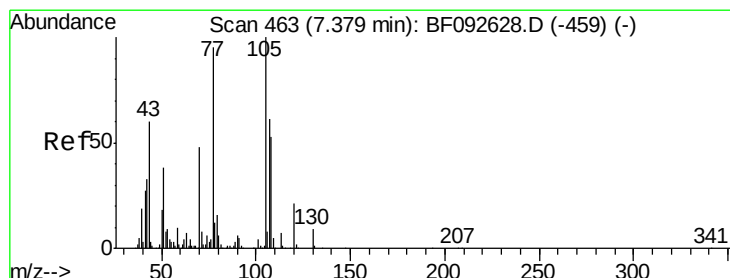
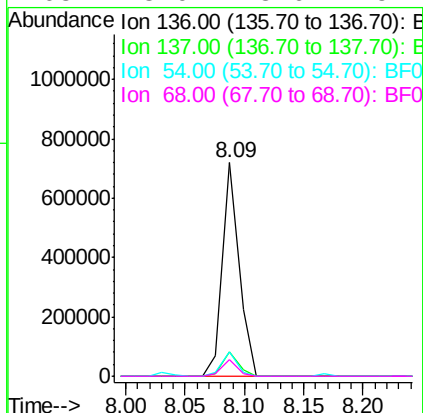
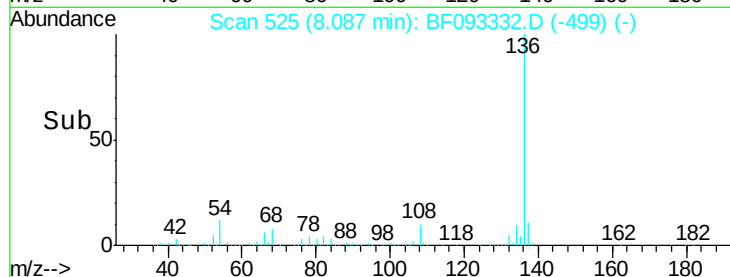
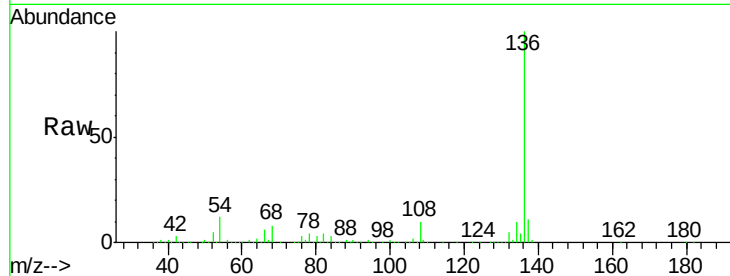
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.09 min Scan# 525
Delta R.T. -0.00 min
Lab File: BF093332.D
Acq: 2 Mar 2017 20:32

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion	Ratio	Resp	Lower	Upper
136	100	700107		
137	11.4	8.4	12.6	
54	11.6	4.5	6.7#	
68	8.0	3.6	5.4#	

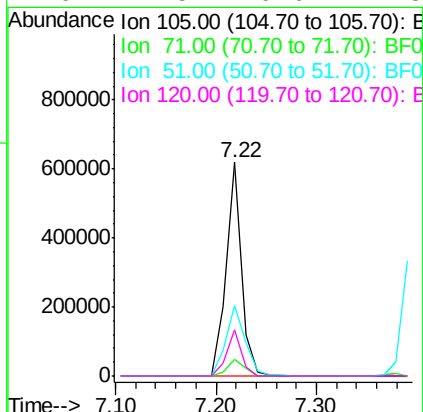
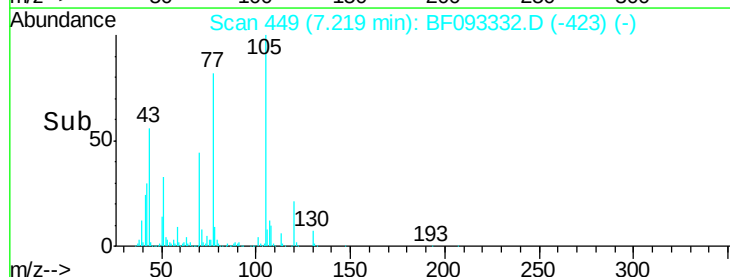
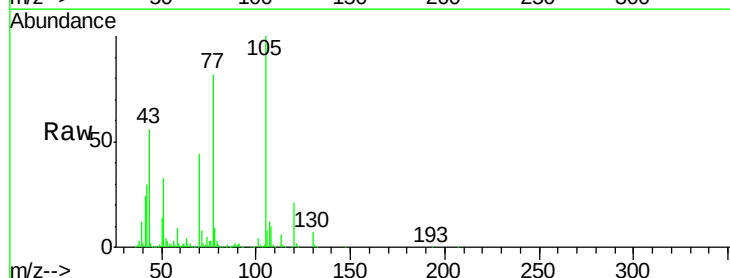
Manual Integrations
APPROVED

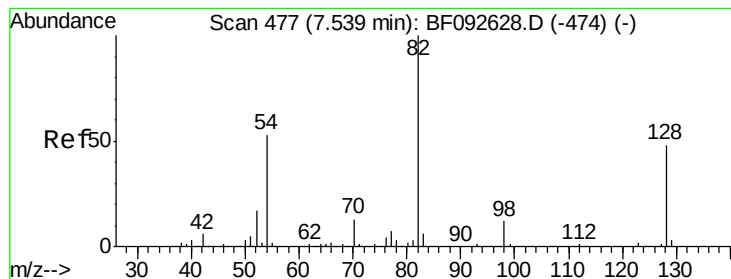
mohammad
3/3/2017 5:16:45 PM



#22
Acetophenone
Concen: 41.01 ng
RT: 7.22 min Scan# 449
Delta R.T. -0.00 min
Lab File: BF093332.D
Acq: 2 Mar 2017 20:32

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	655502		
71	7.6	3.2	4.8#	
51	32.8	26.2	39.4	
120	21.5	16.6	24.8	





#23

Nitrobenzene-d5

Concen: 87.23 ng

RT: 7.38 min Scan# 463

Delta R.T. -0.00 min

Lab File: BF093332.D

Acq: 2 Mar 2017 20:32

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tgt Ion: 82 Resp: 1096655

Ion Ratio Lower Upper

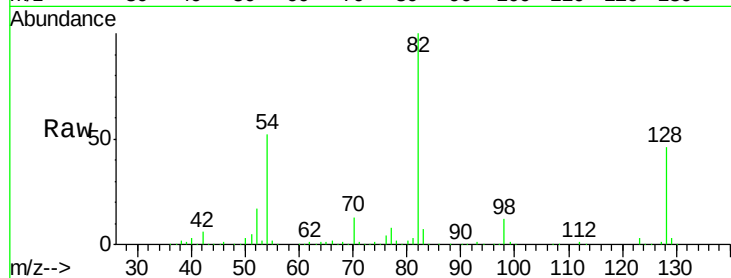
82 100

128 45.9 34.6 52.0

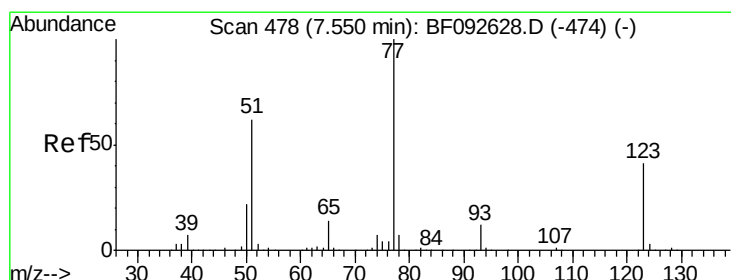
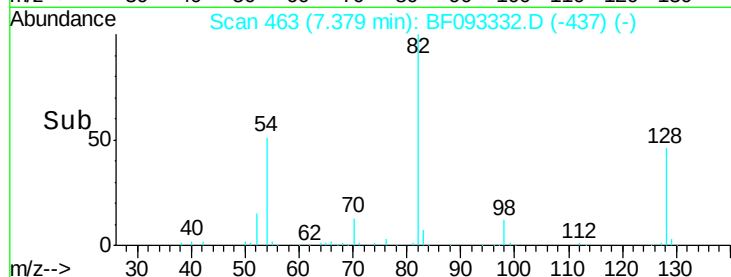
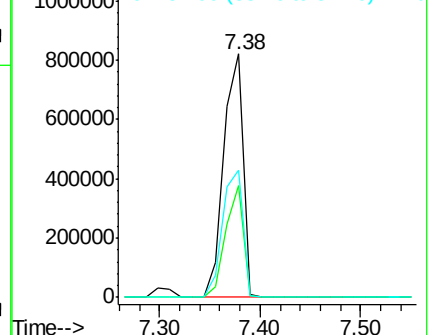
54 52.1 39.5 59.3

Manual Integrations
APPROVED

mohammad
3/3/2017 5:16:45 PM



Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): B
Ion 54.00 (53.70 to 54.70): BF0



#24

Nitrobenzene

Concen: 41.09 ng

RT: 7.39 min Scan# 464

Delta R.T. -0.00 min

Lab File: BF093332.D

Acq: 2 Mar 2017 20:32

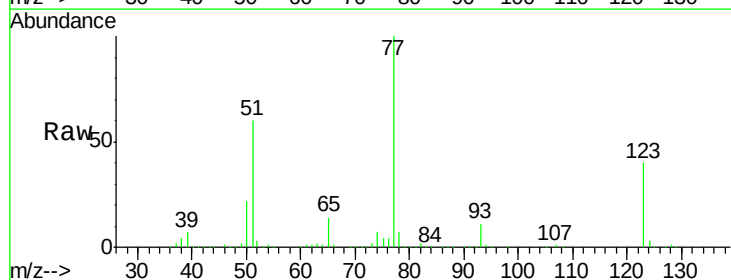
Tgt Ion: 77 Resp: 530427

Ion Ratio Lower Upper

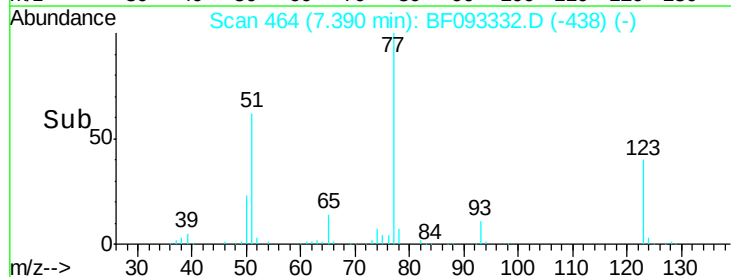
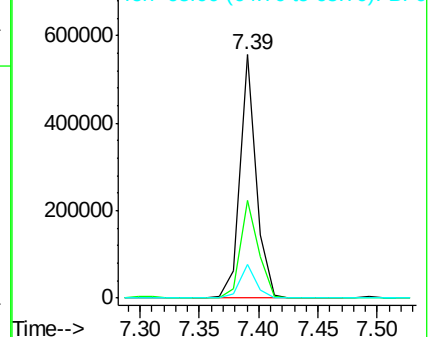
77 100

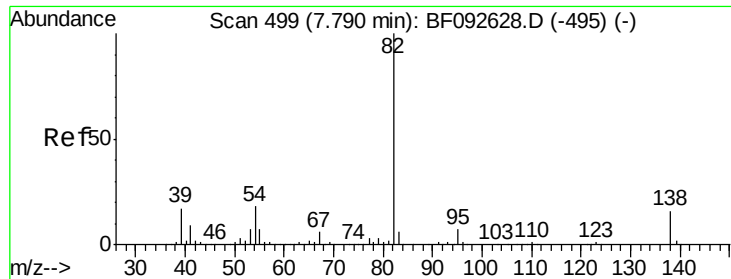
123 40.3 33.0 49.4

65 13.8 11.2 16.8



Abundance Ion 77.00 (76.70 to 77.70): BF0
Ion 123.00 (122.70 to 123.70): B
Ion 65.00 (64.70 to 65.70): BF0





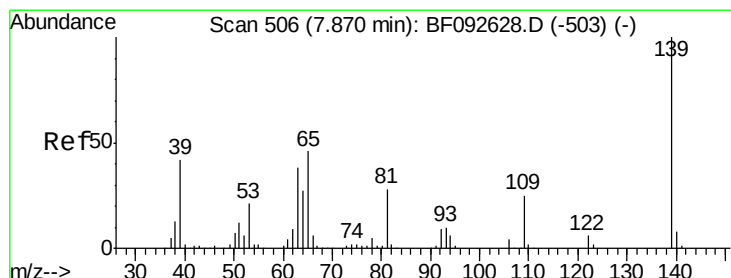
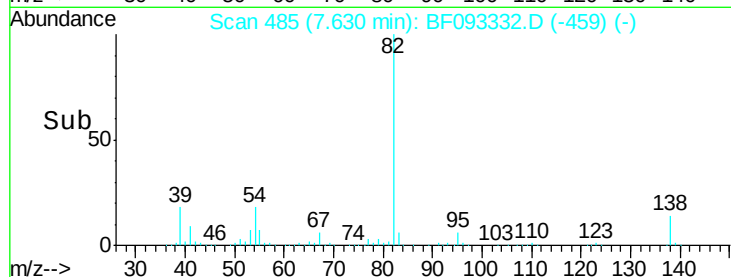
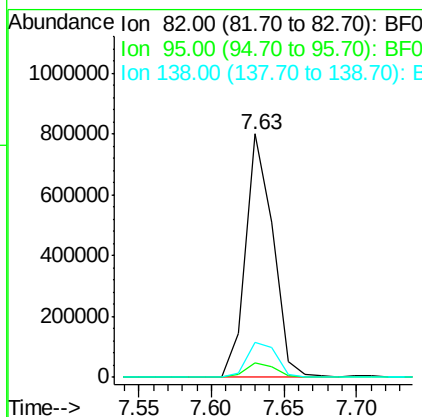
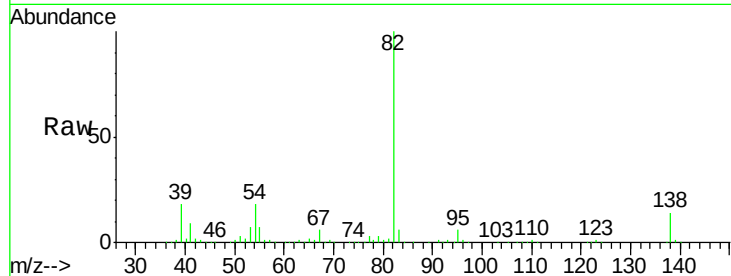
#25
Isophorone
Concen: 44.68 ng
RT: 7.63 min Scan# 485
Delta R.T. -0.00 min
Lab File: BF093332.D
Acq: 2 Mar 2017 20:32

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion: 82 Resp: 1046652
Ion Ratio Lower Upper
82 100
95 6.1 5.6 8.4
138 14.4 14.6 22.0#

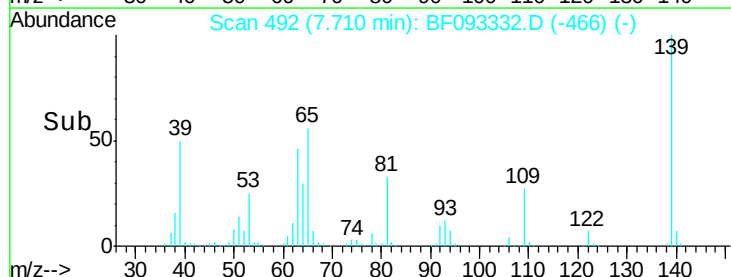
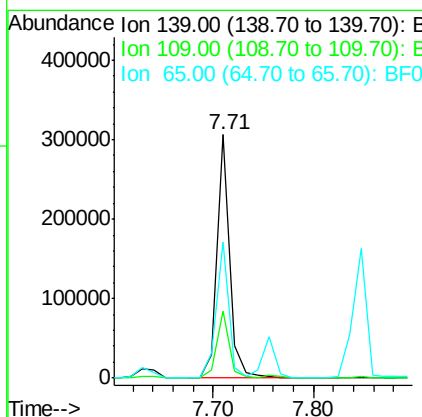
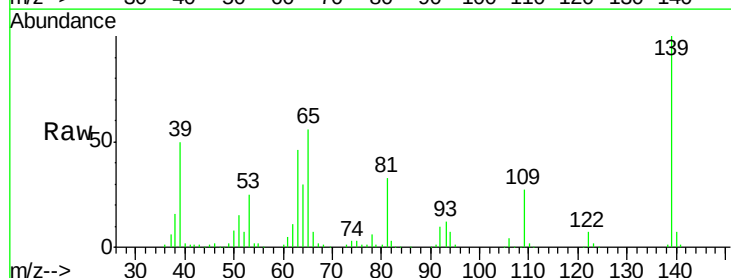
Manual Integrations
APPROVED

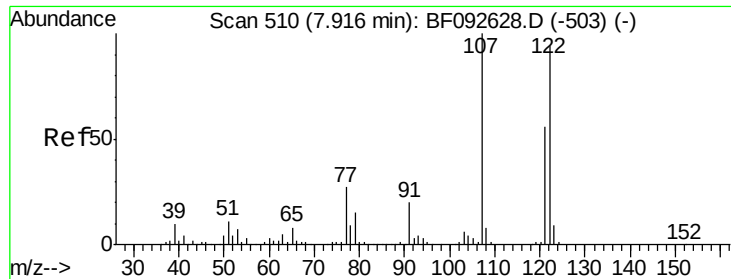
mohammad
3/3/2017 5:16:45 PM



#26
2-Nitrophenol
Concen: 43.57 ng
RT: 7.71 min Scan# 492
Delta R.T. -0.00 min
Lab File: BF093332.D
Acq: 2 Mar 2017 20:32

Tgt Ion: 139 Resp: 267349
Ion Ratio Lower Upper
139 100
109 27.3 23.3 34.9
65 56.0 42.7 64.1





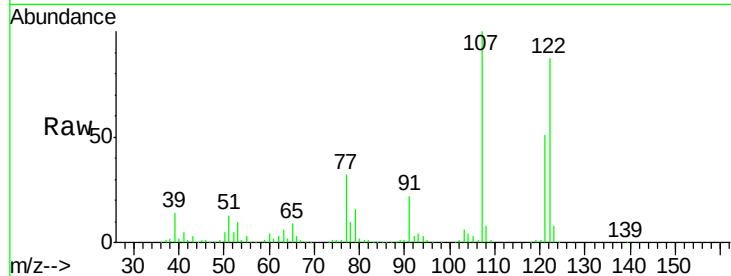
#27
2,4-Dimethylphenol
Concen: 40.57 ng
RT: 7.76 min Scan# 496
Delta R.T. -0.00 min
Lab File: BF093332.D
Acq: 2 Mar 2017 20:32

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

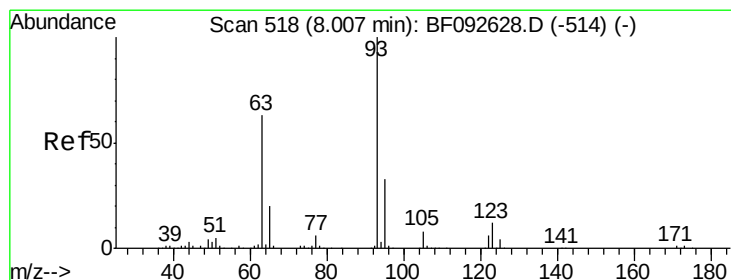
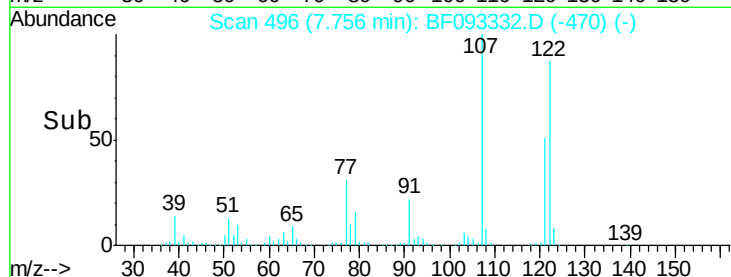
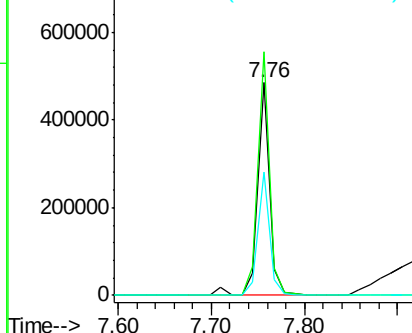
Tgt Ion	Ratio	Lower	Upper
122	100		
107	114.4	94.1	141.1
121	57.9	46.0	69.0

Manual Integrations
APPROVED

mohammad
3/3/2017 5:16:45 PM

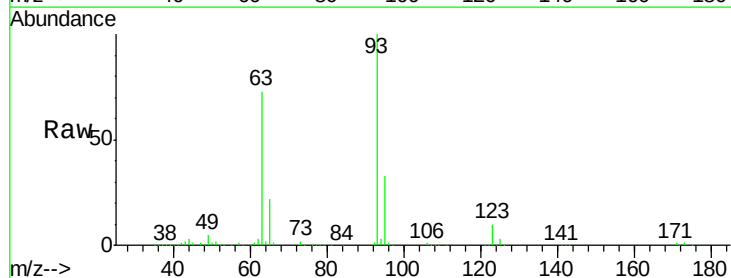


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E

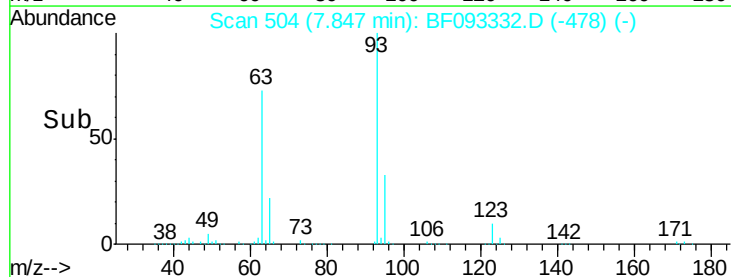
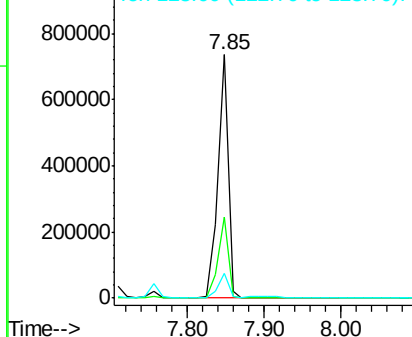


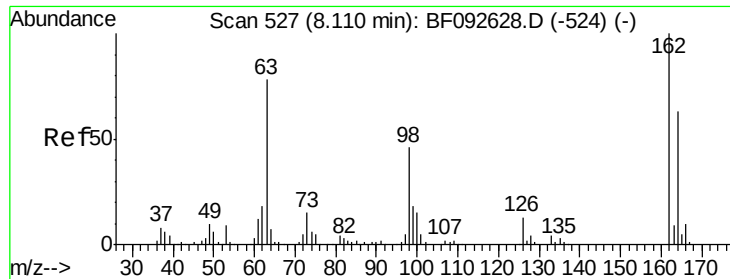
#28
bis(2-Chloroethoxy)methane
Concen: 44.06 ng
RT: 7.85 min Scan# 504
Delta R.T. -0.00 min
Lab File: BF093332.D
Acq: 2 Mar 2017 20:32

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.3	26.5	39.7
123	10.3	8.6	13.0



Abundance Ion 93.00 (92.70 to 93.70): BF0
Ion 95.00 (94.70 to 95.70): BF0
Ion 123.00 (122.70 to 123.70): E





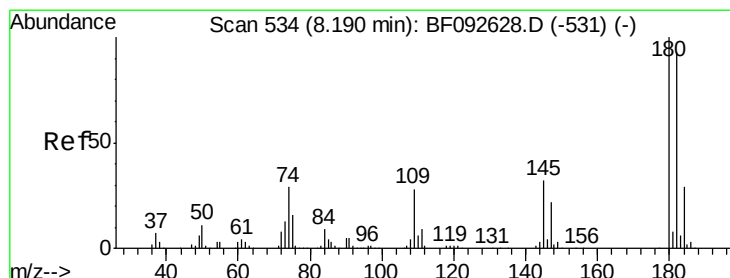
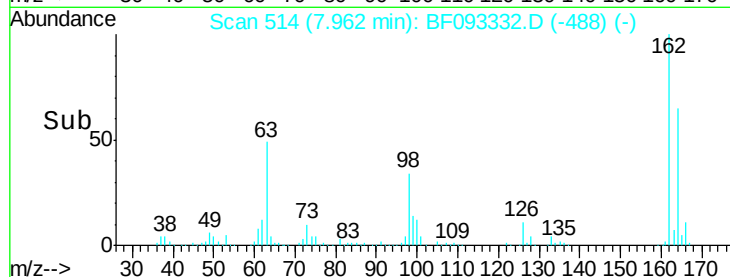
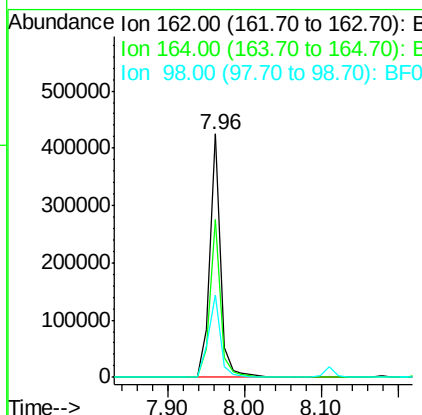
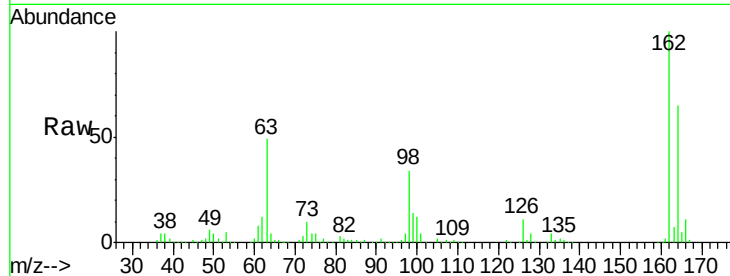
#29
2,4-Dichlorophenol
Concen: 40.37 ng
RT: 7.96 min Scan# 514
Delta R.T. -0.00 min
Lab File: BF093332.D
Acq: 2 Mar 2017 20:32

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion	Ratio	Resp	Lower	Upper
162	100	405745		
164	64.6	46.8	86.8	
98	34.0	9.1	49.1	

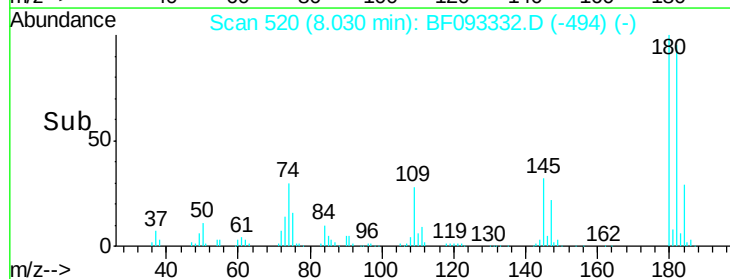
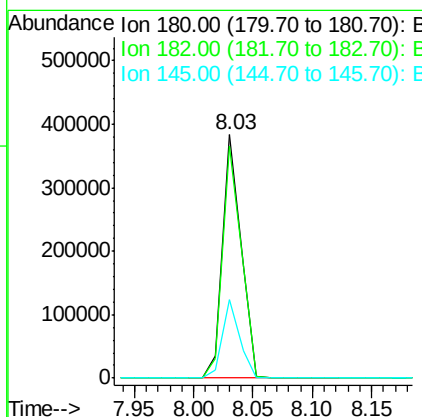
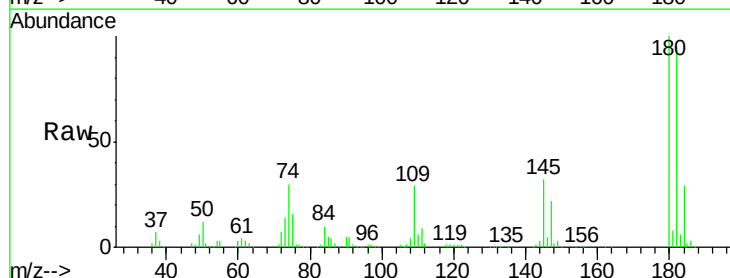
Manual Integrations
APPROVED

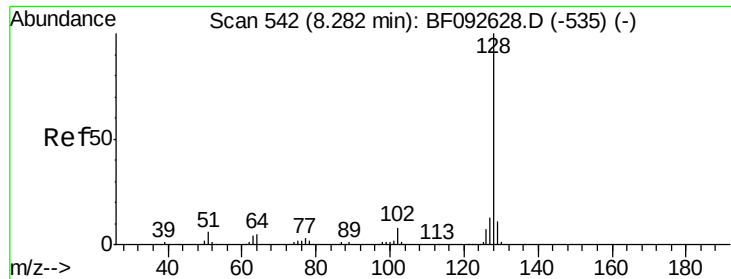
mohammad
3/3/2017 5:16:45 PM



#30
1,2,4-Trichlorobenzene
Concen: 38.09 ng
RT: 8.03 min Scan# 520
Delta R.T. -0.00 min
Lab File: BF093332.D
Acq: 2 Mar 2017 20:32

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	412536		
182	95.2	78.2	117.4	
145	32.3	21.6	32.4	





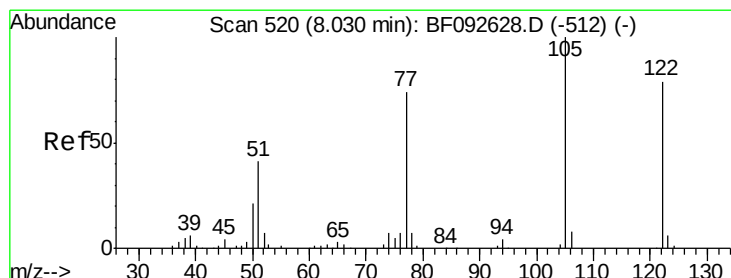
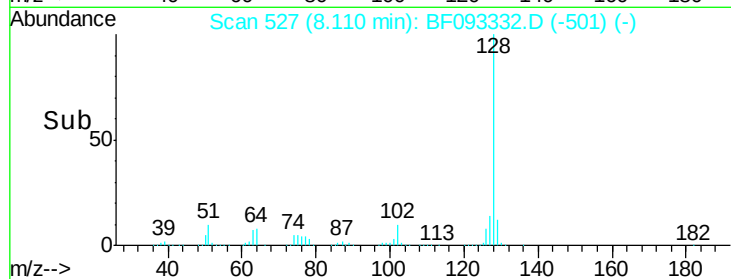
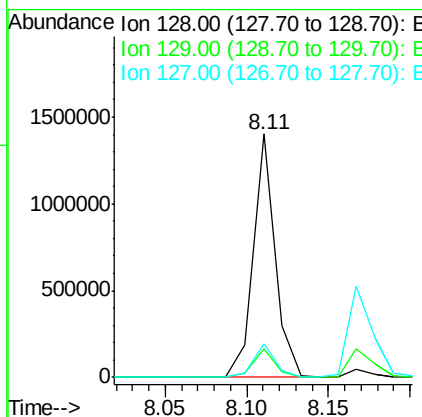
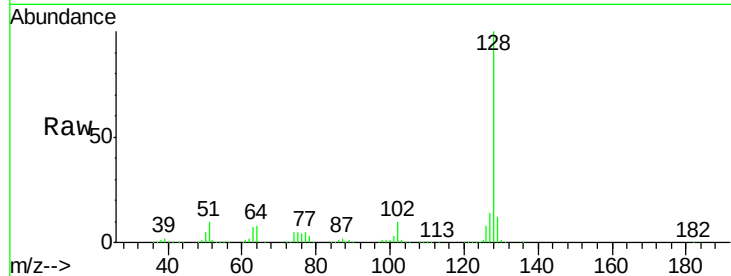
#31
Naphthalene
Concen: 36.78 ng
RT: 8.11 min Scan# 527
Delta R.T. -0.00 min
Lab File: BF093332.D
Acq: 2 Mar 2017 20:32

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion:128 Resp: 1305241
Ion Ratio Lower Upper
128 100
129 11.6 9.5 14.3
127 13.7 10.8 16.2

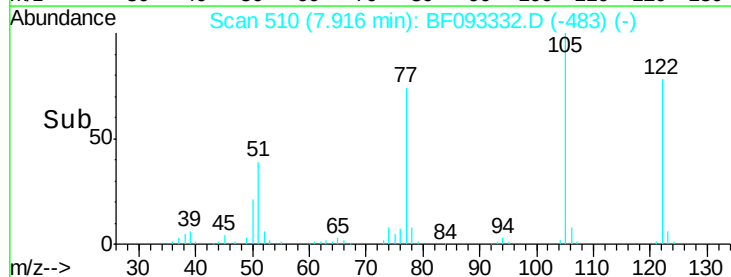
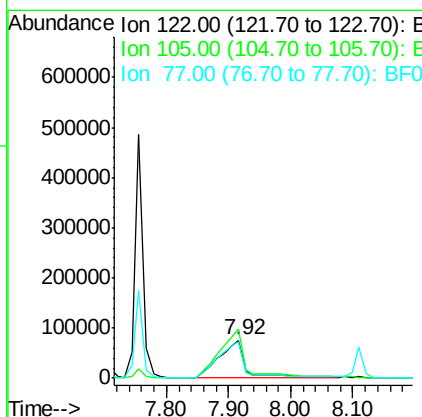
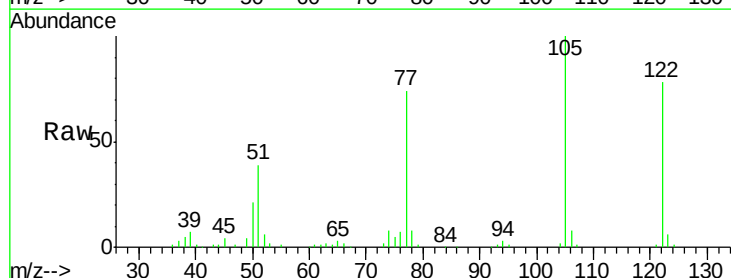
Manual Integrations
APPROVED

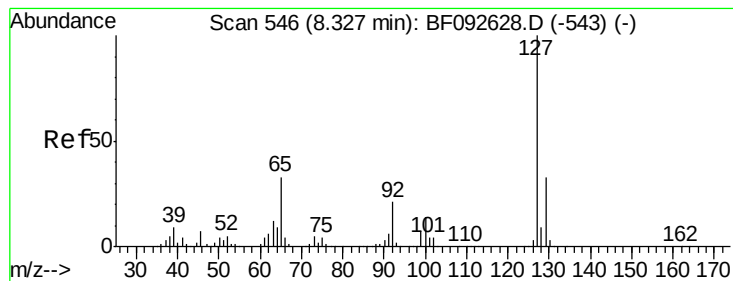
mohammad
3/3/2017 5:16:45 PM



#32
Benzoic acid
Concen: 37.74 ng
RT: 7.92 min Scan# 510
Delta R.T. 0.01 min
Lab File: BF093332.D
Acq: 2 Mar 2017 20:32

Tgt Ion:122 Resp: 219458
Ion Ratio Lower Upper
122 100
105 128.4 107.2 147.2
77 95.5 74.5 114.5





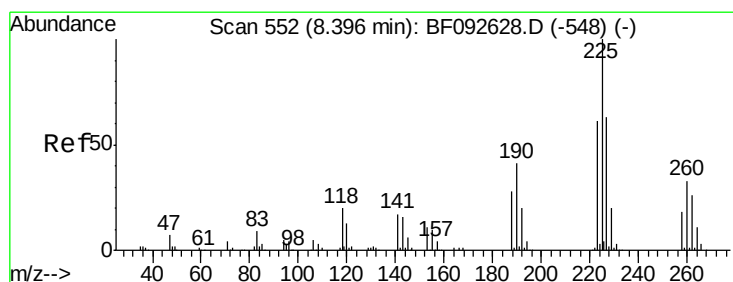
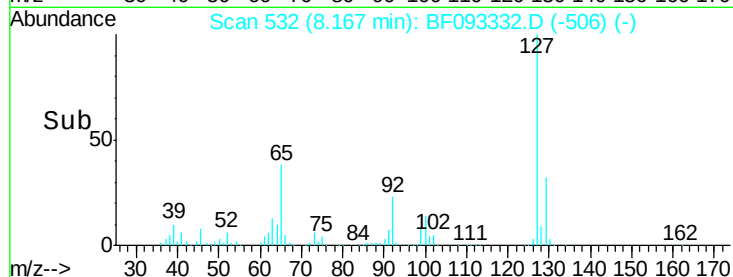
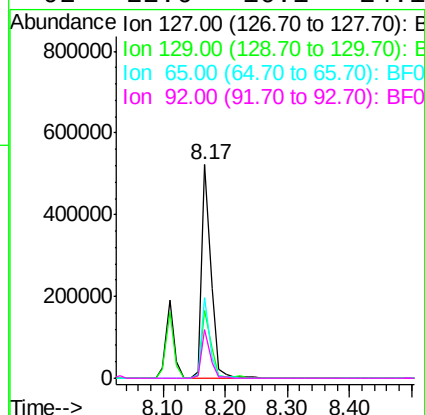
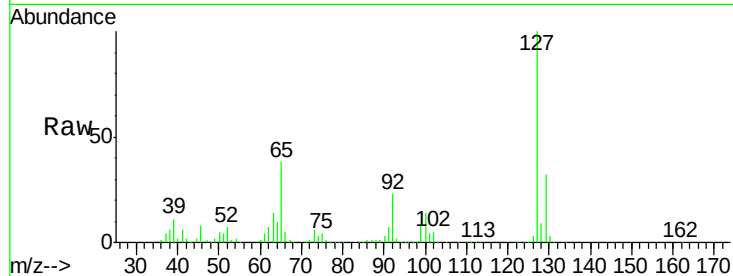
#33
4-Chloroaniline
Concen: 39.72 ng
RT: 8.17 min Scan# 532
Delta R.T. -0.00 min
Lab File: BF093332.D
Acq: 2 Mar 2017 20:32

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion	Ratio	Resp	Lower	Upper
127	100	552850		
129	31.9	26.3	39.5	
65	37.9	25.8	38.8	
92	22.6	16.1	24.1	

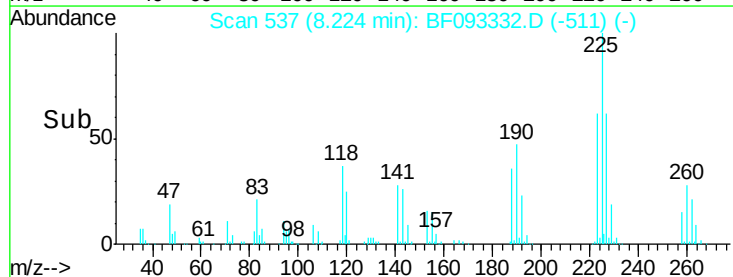
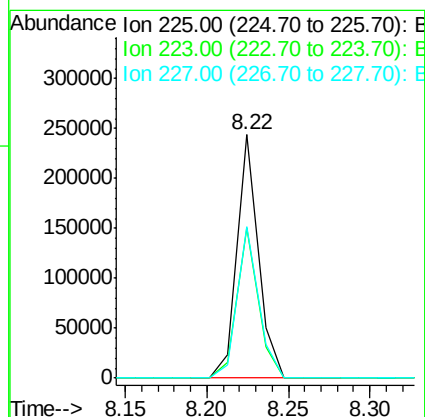
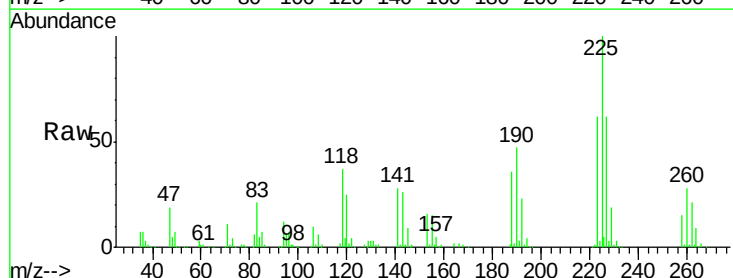
Manual Integrations
APPROVED

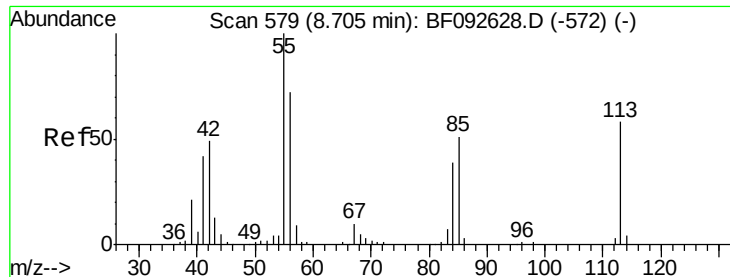
mohammad
3/3/2017 5:16:45 PM



#34
Hexachlorobutadiene
Concen: 36.74 ng
RT: 8.22 min Scan# 537
Delta R.T. -0.00 min
Lab File: BF093332.D
Acq: 2 Mar 2017 20:32

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	218945		
223	61.7	51.0	76.6	
227	62.0	50.6	76.0	





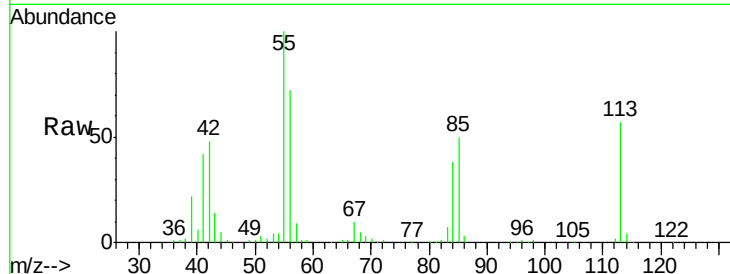
#35
 Caprolactam
 Concen: 46.64 ng
 RT: 8.57 min Scan# 567
 Delta R.T. 0.01 min
 Lab File: BF093332.D
 Acq: 2 Mar 2017 20:32

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

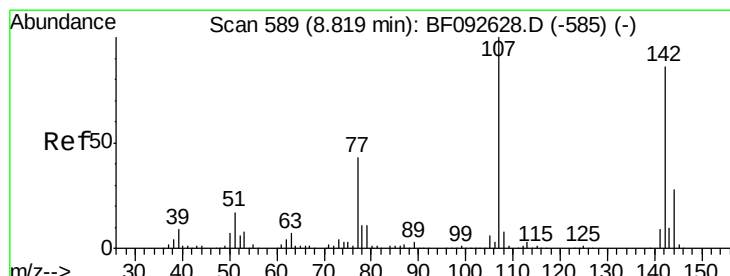
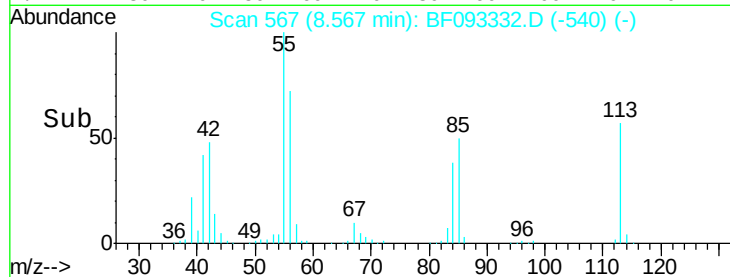
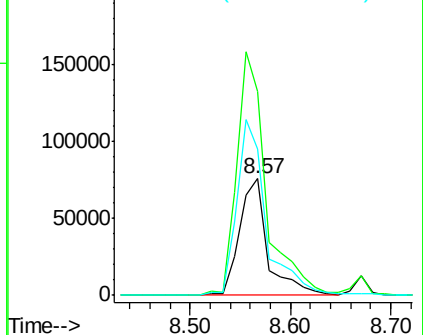
Tgt Ion	Ratio	Lower	Upper
113	100		
55	175.2	119.2	159.2#
56	125.6	83.8	123.8#

Manual Integrations
 APPROVED

mohammad
 3/3/2017 5:16:45 PM



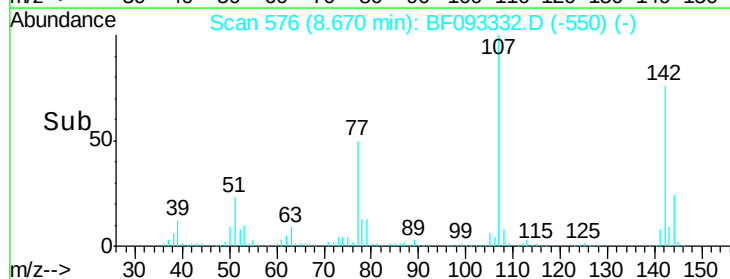
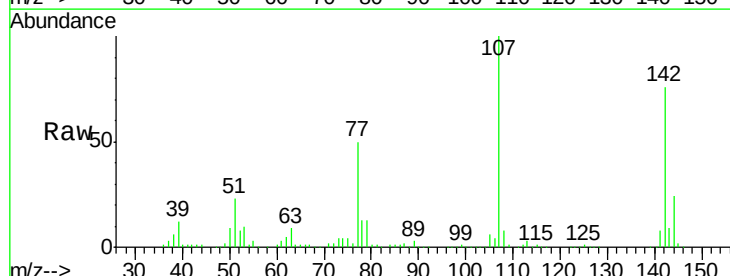
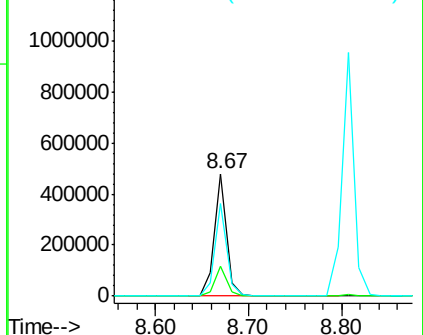
Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF0
 Ion 56.00 (55.70 to 56.70): BF0

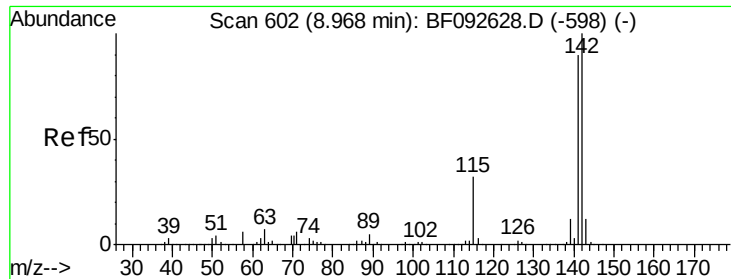


#36
 4-Chloro-3-methylphenol
 Concen: 42.00 ng
 RT: 8.67 min Scan# 576
 Delta R.T. -0.00 min
 Lab File: BF093332.D
 Acq: 2 Mar 2017 20:32

Tgt Ion	Ratio	Lower	Upper
107	100		
144	24.4	19.3	28.9
142	76.1	59.0	88.6

Abundance Ion 107.00 (106.70 to 107.70): E
 Ion 144.00 (143.70 to 144.70): E
 Ion 142.00 (141.70 to 142.70): E





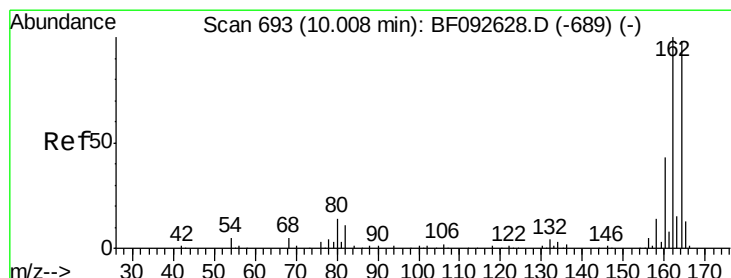
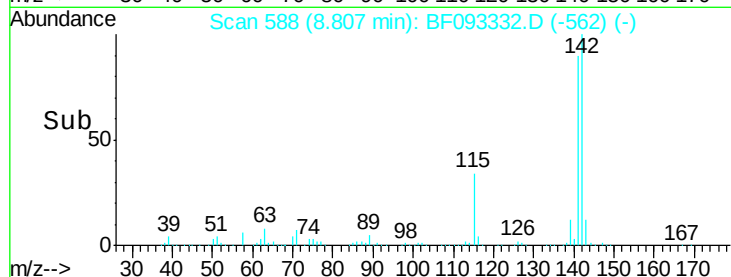
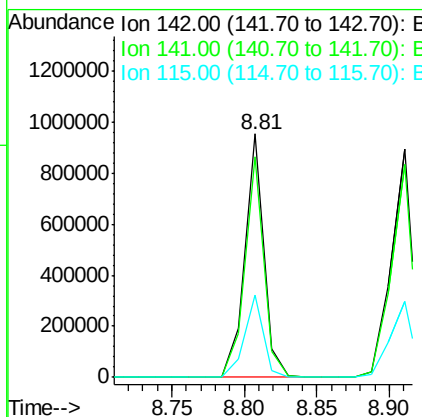
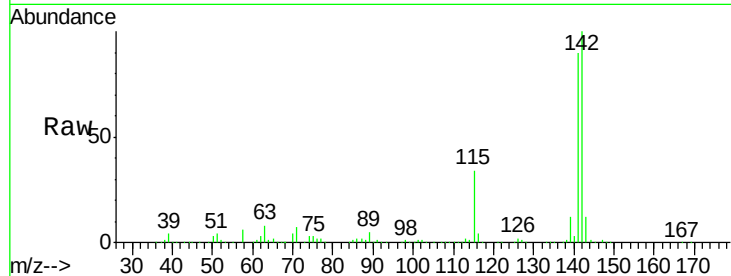
#37
2-Methylnaphthalene
Concen: 38.18 ng
RT: 8.81 min Scan# 588
Delta R.T. -0.00 min
Lab File: BF093332.D
Acq: 2 Mar 2017 20:32

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion	Ratio	Lower	Upper
142	100		
141	90.4	71.0	106.6
115	34.0	28.3	42.5

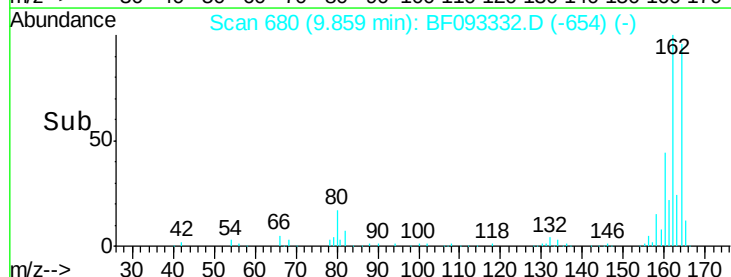
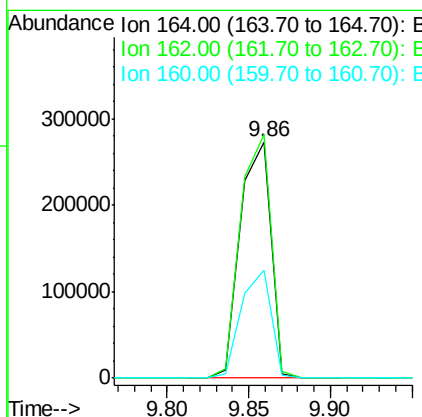
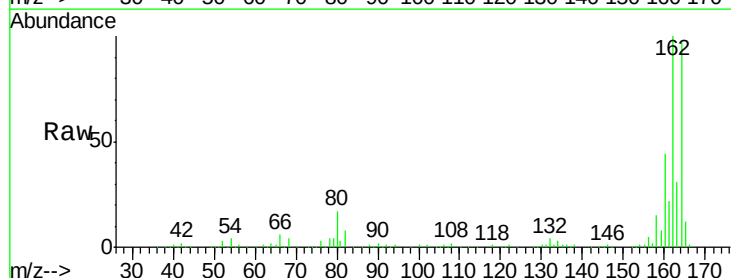
Manual Integrations
APPROVED

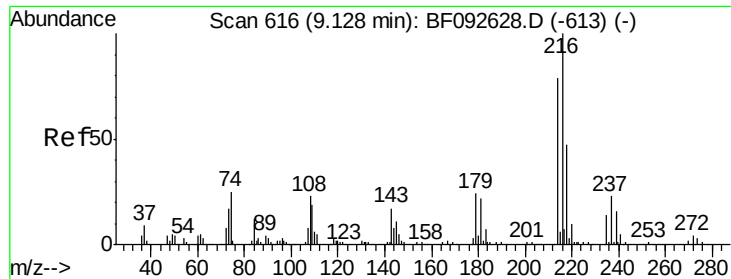
mohammad
3/3/2017 5:16:45 PM



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.86 min Scan# 680
Delta R.T. -0.00 min
Lab File: BF093332.D
Acq: 2 Mar 2017 20:32

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.9	80.2	120.2
160	45.5	36.9	55.3





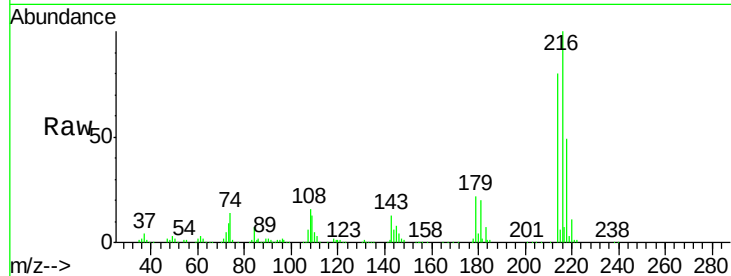
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 42.67 ng
 RT: 8.98 min Scan# 603
 Delta R.T. -0.00 min
 Lab File: BF093332.D
 Acq: 2 Mar 2017 20:32

Instrument :
 BNA_F
 ClientSampleId :
 SSTDC040EC

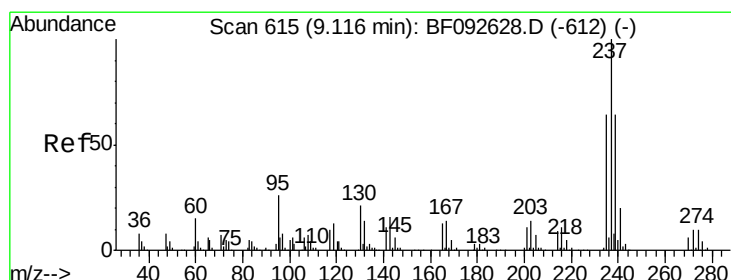
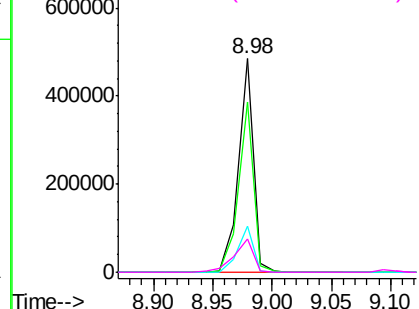
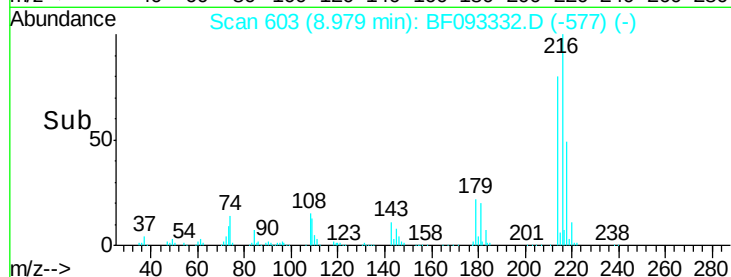
Tgt Ion:	216	Resp:	425088
Ion Ratio	Lower	Upper	
216	100		
214	79.9	63.4	95.0
179	22.3	17.4	26.2
108	20.8	15.6	23.4

Manual Integrations
 APPROVED

mohammad
 3/3/2017 5:16:45 PM

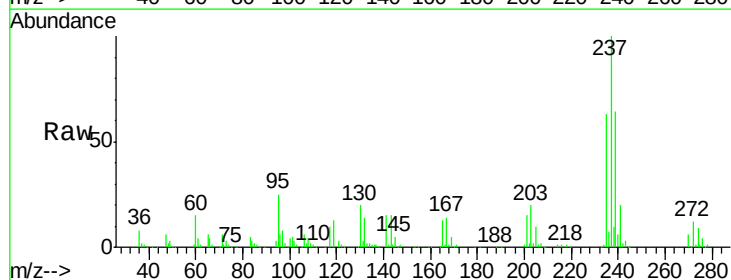


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

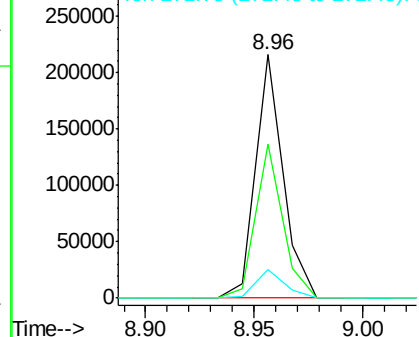
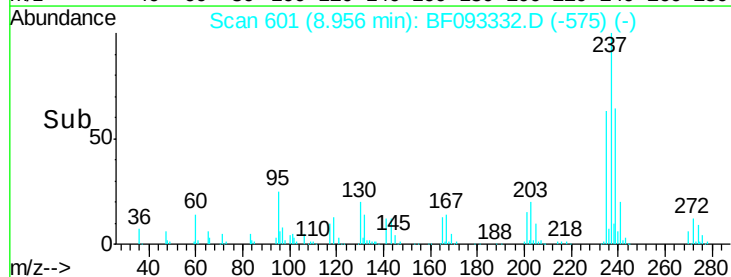


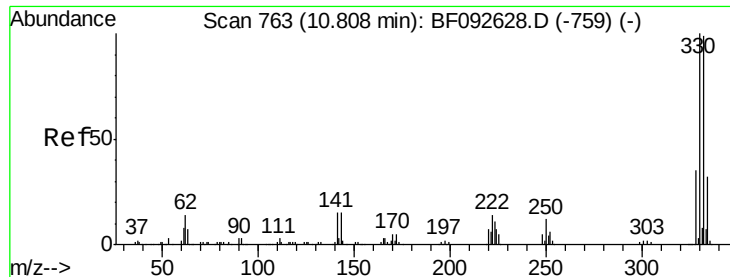
#40
 Hexachlorocyclopentadiene
 Concen: 41.94 ng
 RT: 8.96 min Scan# 601
 Delta R.T. -0.00 min
 Lab File: BF093332.D
 Acq: 2 Mar 2017 20:32

Tgt Ion:	237	Resp:	188510
Ion Ratio	Lower	Upper	
237	100		
235	63.4	41.2	81.2
272	11.9	0.0	35.4



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





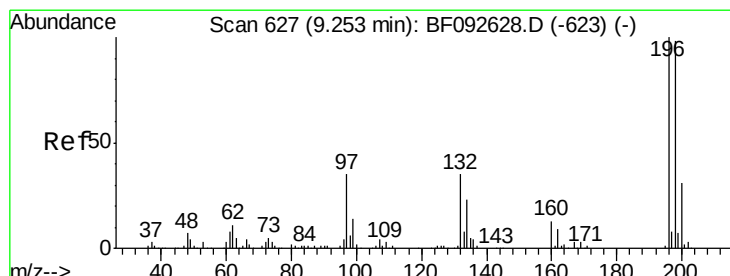
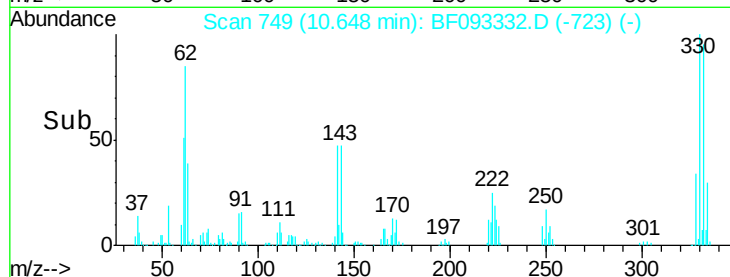
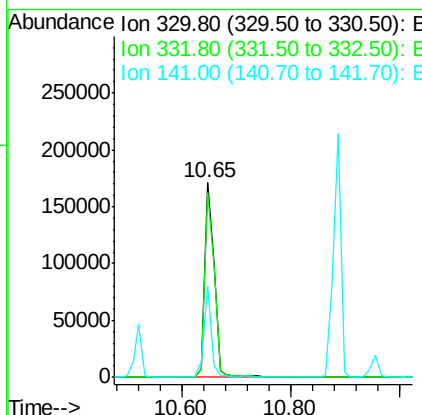
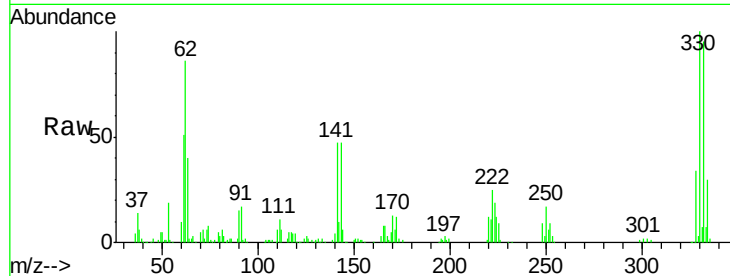
#41
 2,4,6-Tribromophenol
 Concen: 80.55 ng
 RT: 10.65 min Scan# 749
 Delta R.T. -0.00 min
 Lab File: BF093332.D
 Acq: 2 Mar 2017 20:32

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	206754		
332	95.5	77.4	116.2	
141	36.2	34.1	51.1	

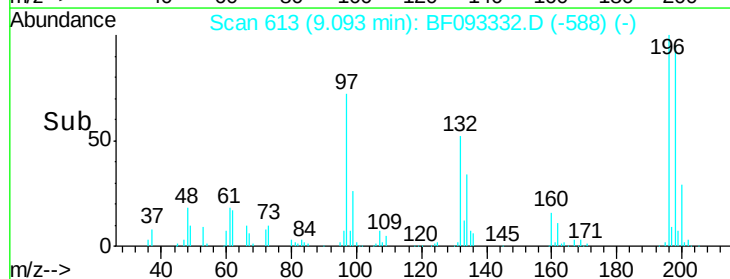
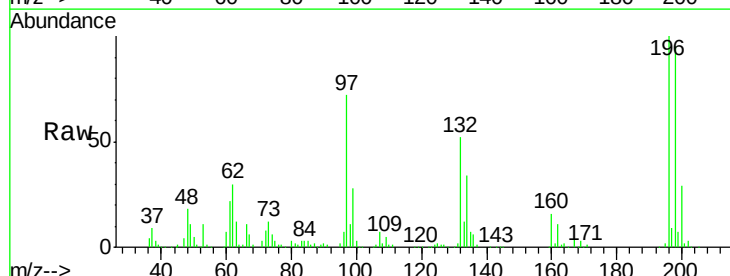
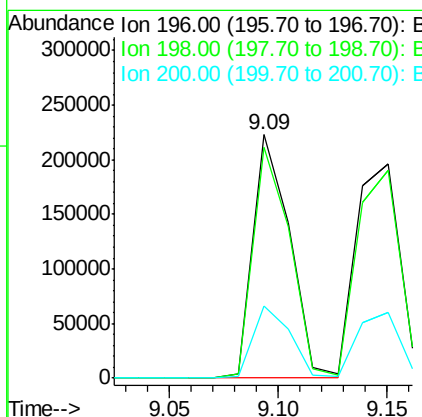
Manual Integrations
 APPROVED

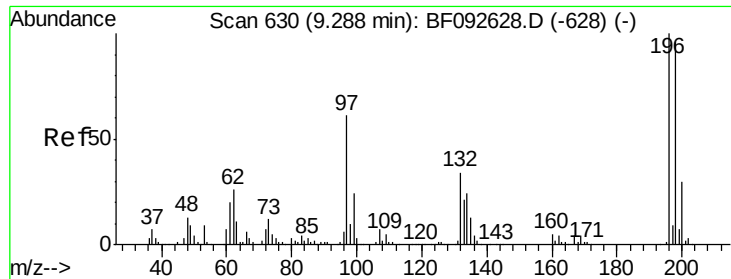
mohammad
 3/3/2017 5:16:45 PM



#42
 2,4,6-Trichlorophenol
 Concen: 40.17 ng
 RT: 9.09 min Scan# 613
 Delta R.T. -0.01 min
 Lab File: BF093332.D
 Acq: 2 Mar 2017 20:32

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	262934		
198	94.9	82.1	123.1	
200	29.5	27.0	40.4	





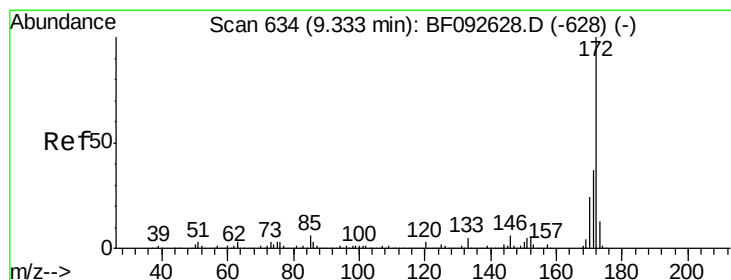
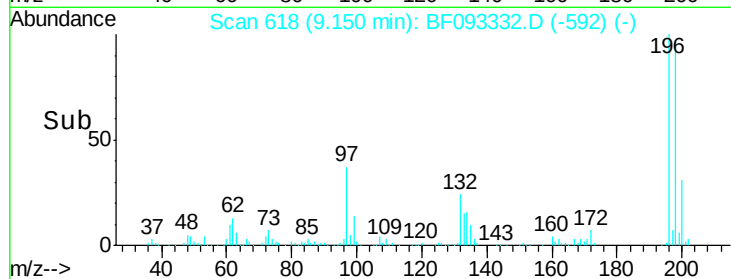
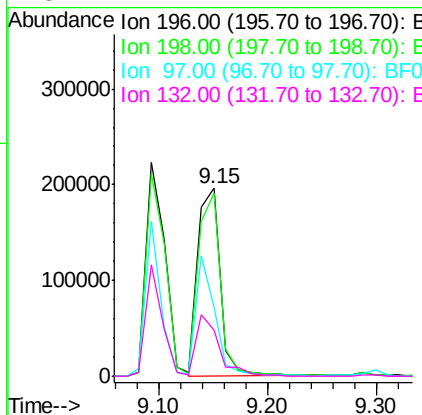
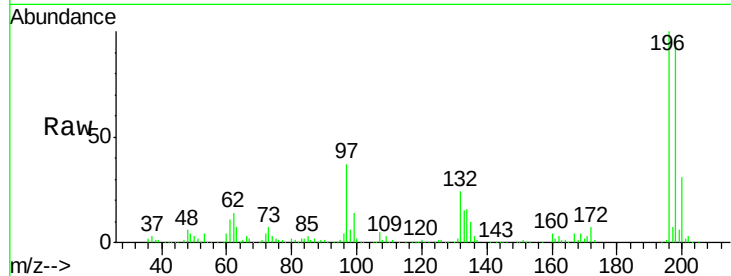
#43
 2,4,5-Trichlorophenol
 Concen: 39.70 ng
 RT: 9.15 min Scan# 618
 Delta R.T. -0.00 min
 Lab File: BF093332.D
 Acq: 2 Mar 2017 20:32

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	284721		
198	97.4	79.4	119.2	
97	36.9	51.5	77.3	
132	24.4	27.4	41.2	

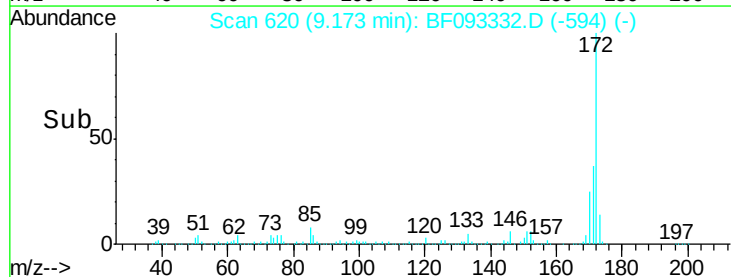
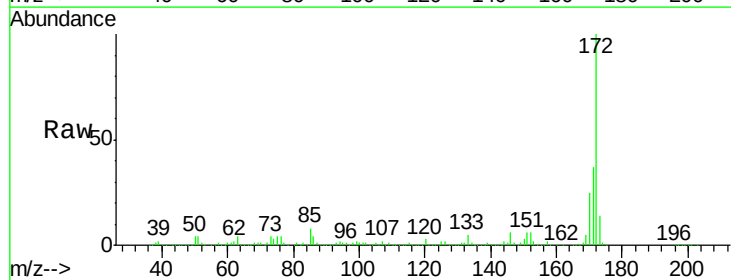
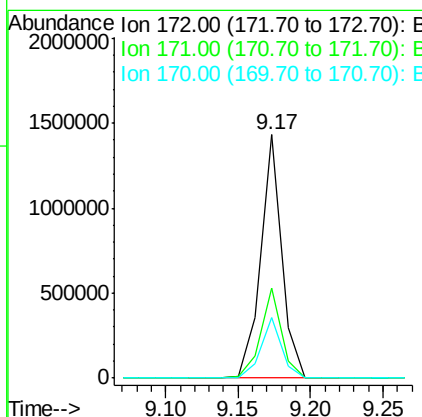
Manual Integrations
 APPROVED

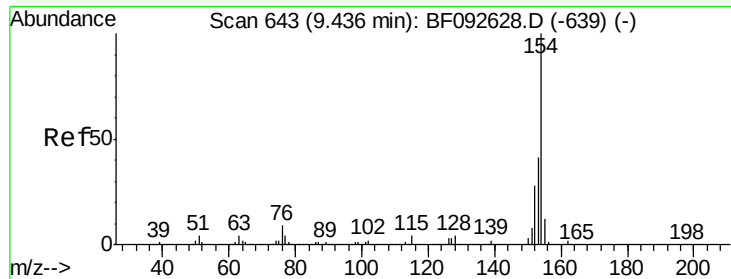
mohammad
 3/3/2017 5:16:45 PM



#44
 2-Fluorobiphenyl
 Concen: 73.52 ng
 RT: 9.17 min Scan# 620
 Delta R.T. -0.00 min
 Lab File: BF093332.D
 Acq: 2 Mar 2017 20:32

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1440218		
171	36.8	29.4	44.0	
170	24.7	20.2	30.4	





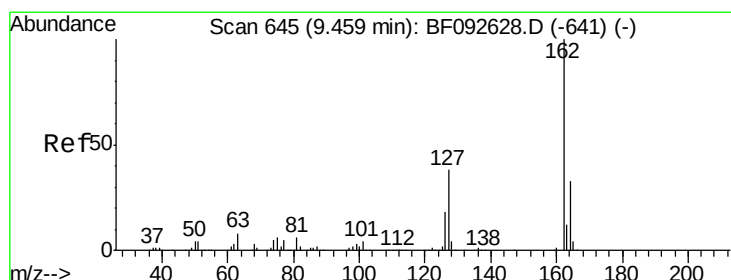
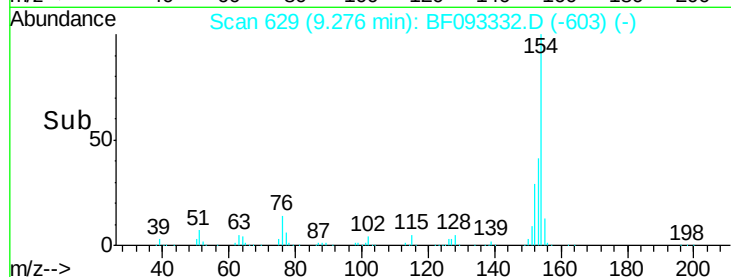
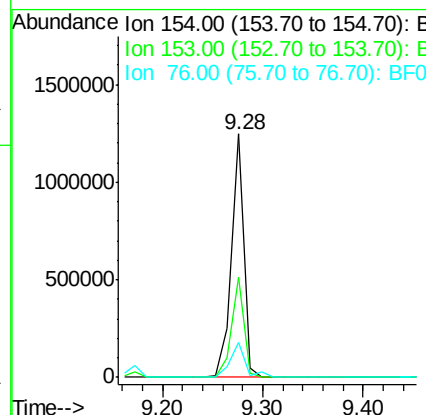
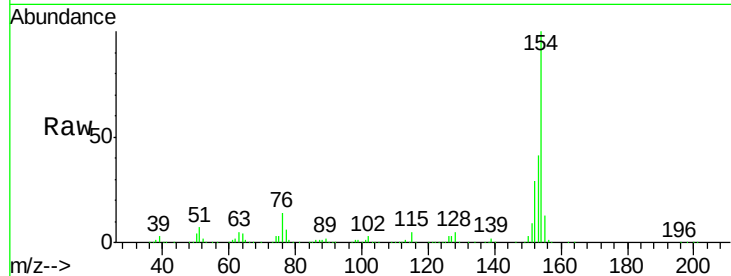
#45
 1,1'-Biphenyl
 Concen: 41.84 ng
 RT: 9.28 min Scan# 629
 Delta R.T. -0.00 min
 Lab File: BF093332.D
 Acq: 2 Mar 2017 20:32

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tgt Ion:154 Resp: 1075303
 Ion Ratio Lower Upper
 154 100
 153 41.2 20.9 60.9
 76 14.2 0.0 30.5

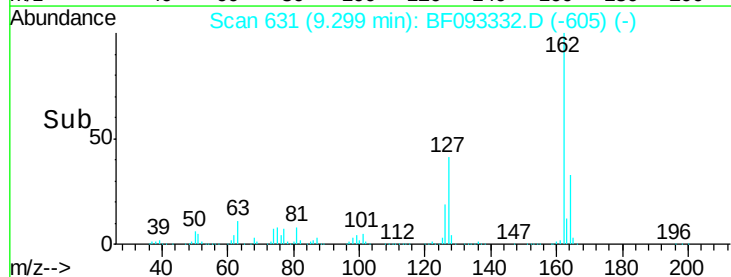
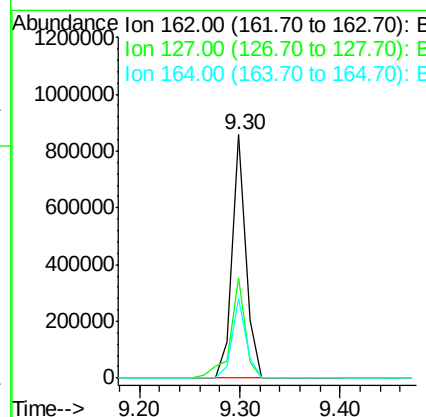
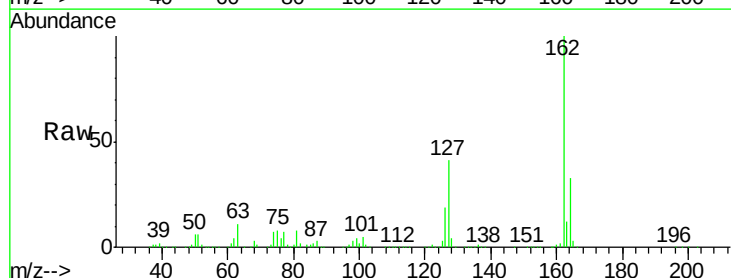
Manual Integrations
 APPROVED

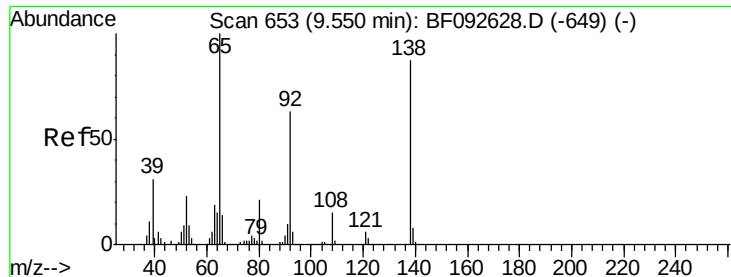
mohammad
 3/3/2017 5:16:45 PM



#46
 2-Chloronaphthalene
 Concen: 40.94 ng
 RT: 9.30 min Scan# 631
 Delta R.T. -0.00 min
 Lab File: BF093332.D
 Acq: 2 Mar 2017 20:32

Tgt Ion:162 Resp: 823042
 Ion Ratio Lower Upper
 162 100
 127 41.0 30.7 46.1
 164 32.8 27.6 41.4





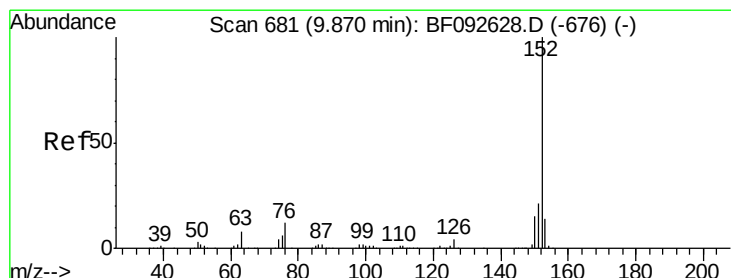
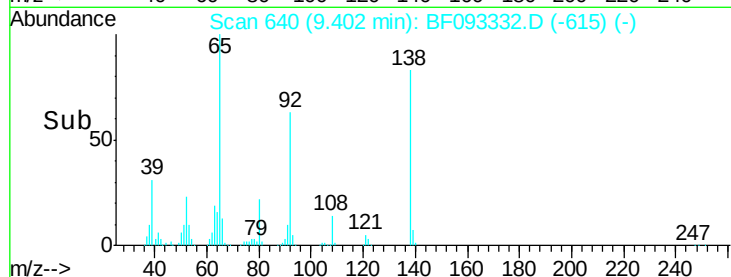
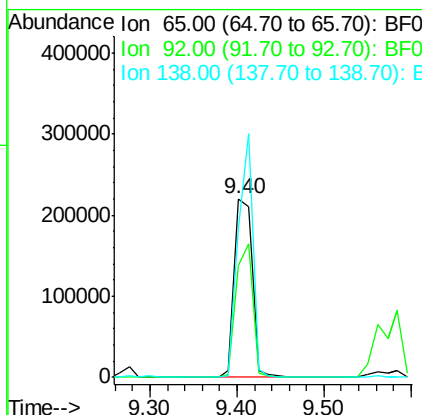
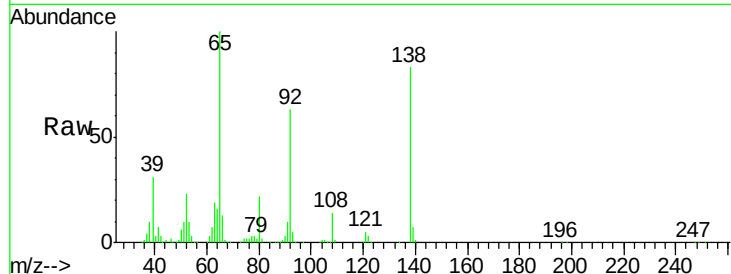
#47
2-Nitroaniline
Concen: 46.13 ng
RT: 9.40 min Scan# 640
Delta R.T. -0.01 min
Lab File: BF093332.D
Acq: 2 Mar 2017 20:32

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion	Ratio	Lower	Upper
65	100		
92	62.6	53.9	80.9
138	83.0	76.8	115.2

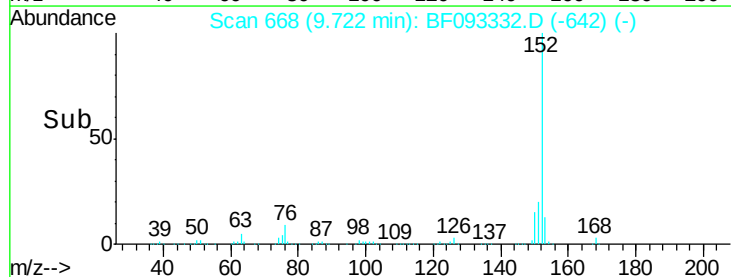
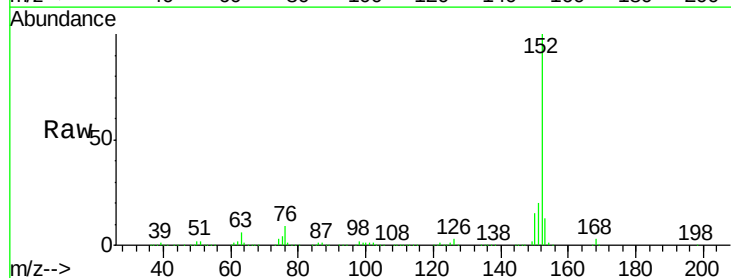
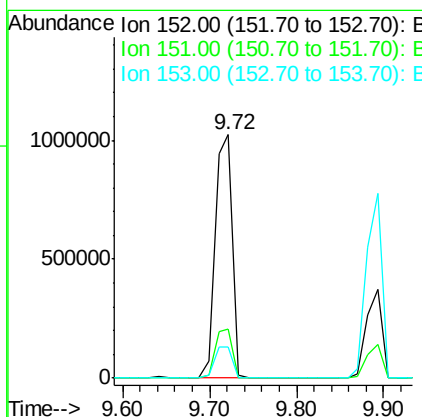
Manual Integrations
APPROVED

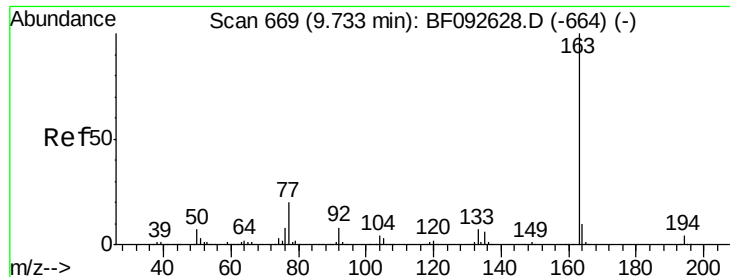
mohammad
3/3/2017 5:16:45 PM



#48
Acenaphthylene
Concen: 40.78 ng
RT: 9.72 min Scan# 668
Delta R.T. -0.00 min
Lab File: BF093332.D
Acq: 2 Mar 2017 20:32

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.4	16.9	25.3
153	12.5	11.4	17.2





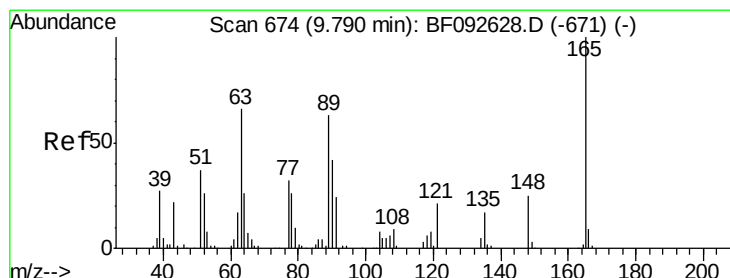
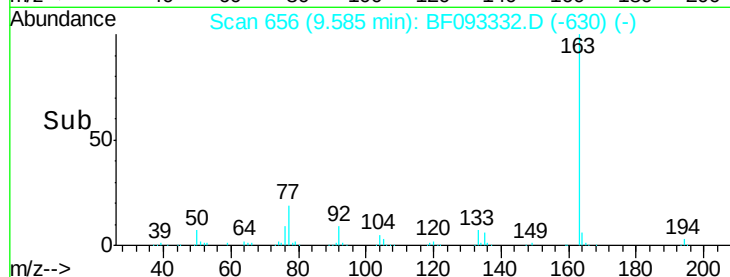
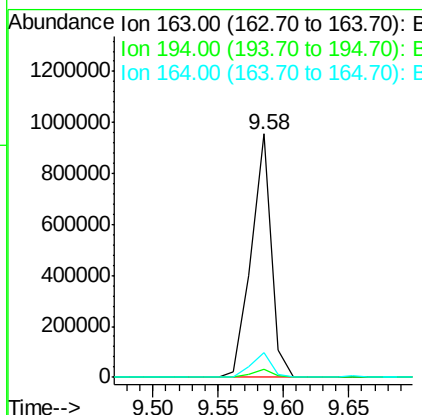
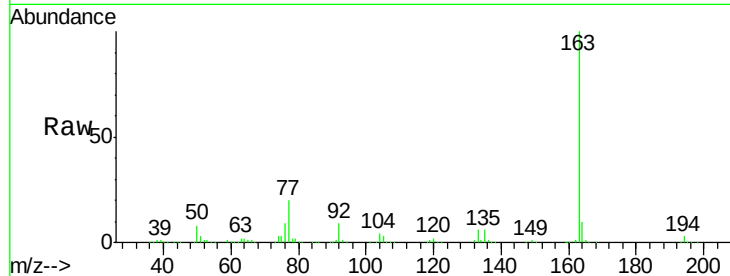
#49
Dimethylphthalate
Concen: 42.69 ng
RT: 9.58 min Scan# 656
Delta R.T. -0.00 min
Lab File: BF093332.D
Acq: 2 Mar 2017 20:32

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion:163 Resp: 1020494
Ion Ratio Lower Upper
163 100
194 3.4 3.0 4.4
164 10.2 8.0 12.0

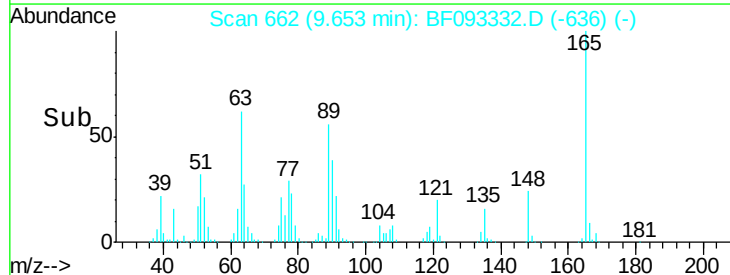
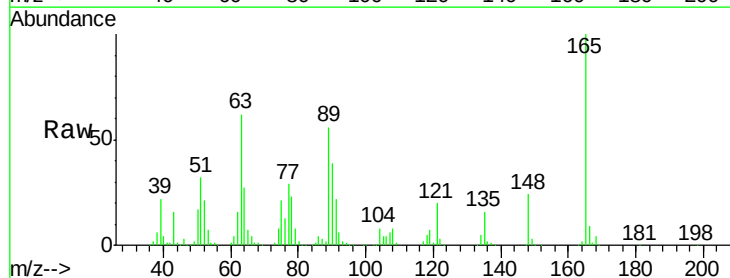
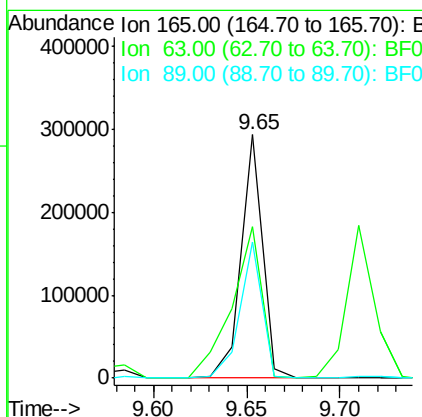
Manual Integrations
APPROVED

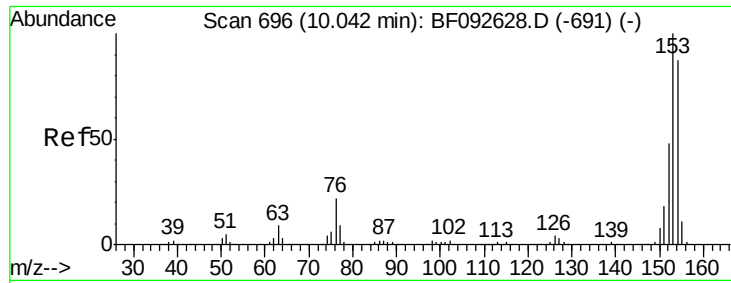
mohammad
3/3/2017 5:16:45 PM



#50
2,6-Dinitrotoluene
Concen: 46.00 ng
RT: 9.65 min Scan# 662
Delta R.T. -0.00 min
Lab File: BF093332.D
Acq: 2 Mar 2017 20:32

Tgt Ion:165 Resp: 237475
Ion Ratio Lower Upper
165 100
63 62.2 36.2 54.4#
89 55.9 40.2 60.4





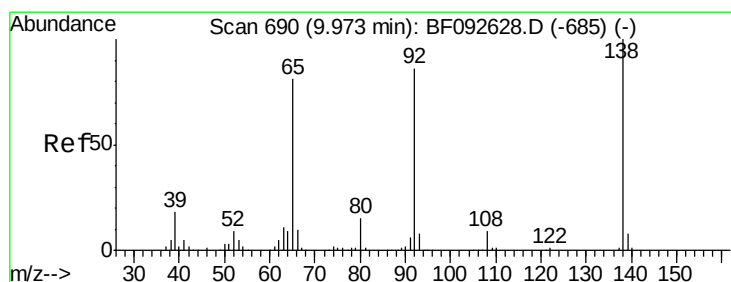
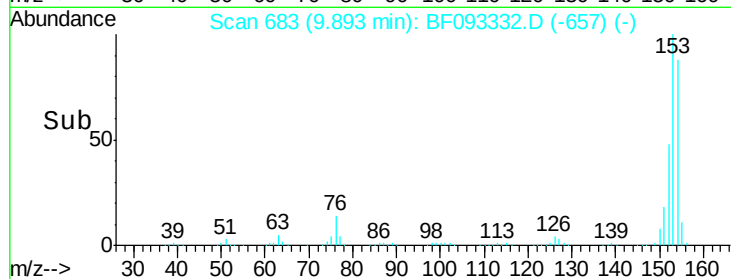
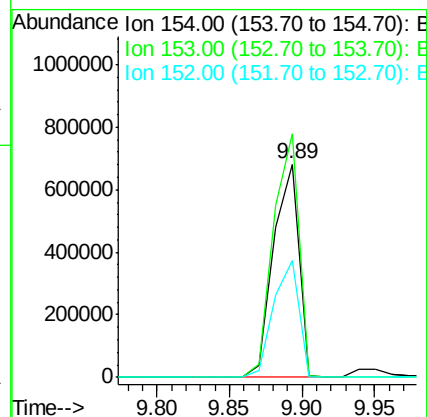
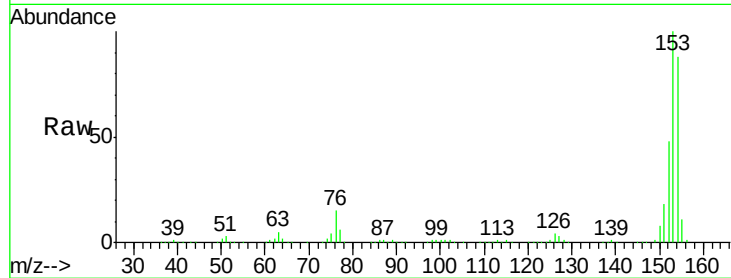
#51
Acenaphthene
Concen: 39.84 ng
RT: 9.89 min Scan# 683
Delta R.T. -0.00 min
Lab File: BF093332.D
Acq: 2 Mar 2017 20:32

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion	Ratio	Lower	Upper
154	100		
153	114.3	88.6	133.0
152	55.0	41.6	62.4

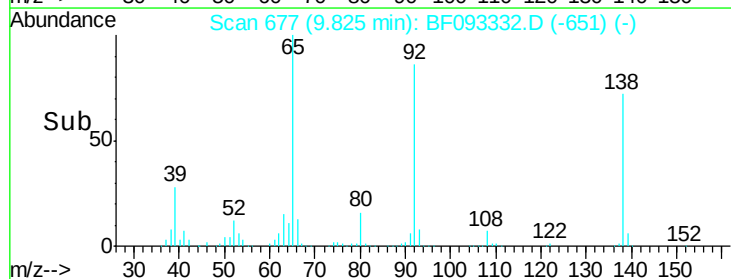
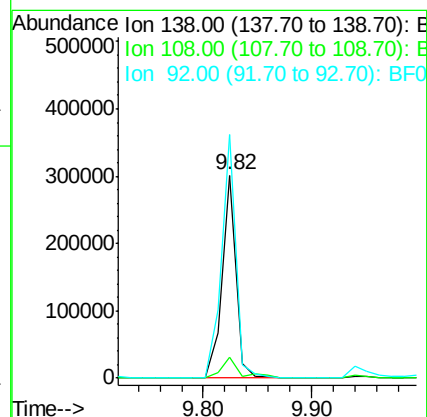
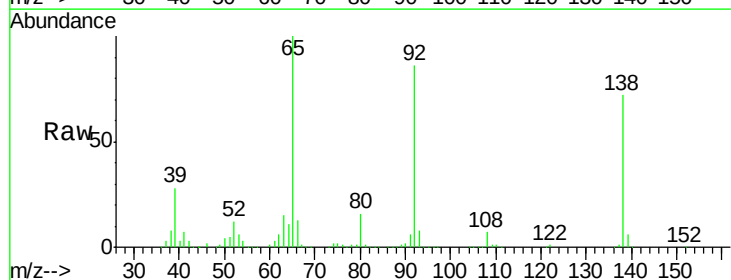
Manual Integrations
APPROVED

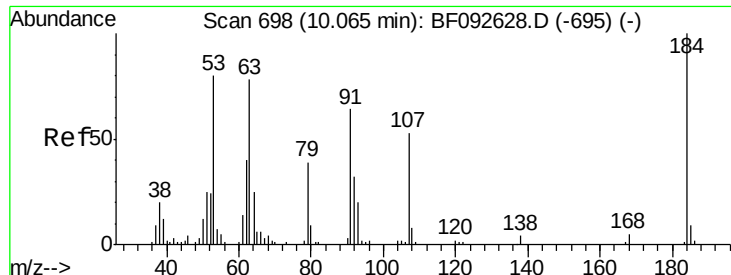
mohammad
3/3/2017 5:16:45 PM



#52
3-Nitroaniline
Concen: 46.43 ng
RT: 9.82 min Scan# 677
Delta R.T. -0.00 min
Lab File: BF093332.D
Acq: 2 Mar 2017 20:32

Tgt Ion	Ratio	Lower	Upper
138	100		
108	10.4	8.5	12.7
92	119.8	97.8	146.8





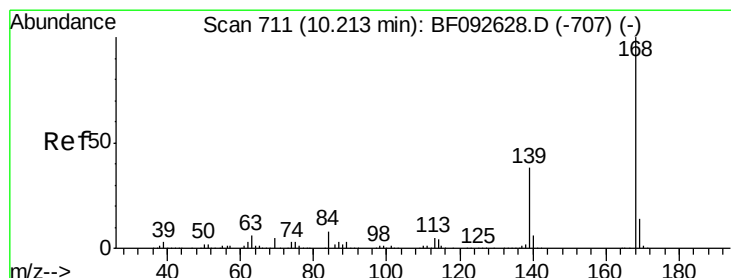
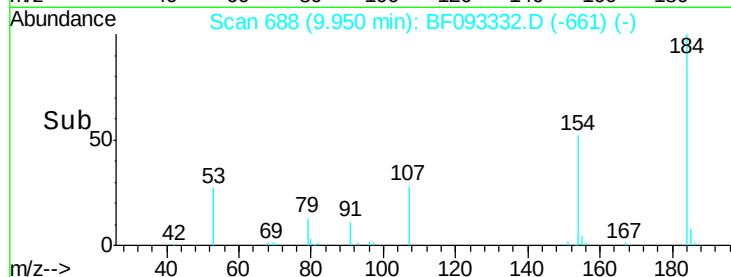
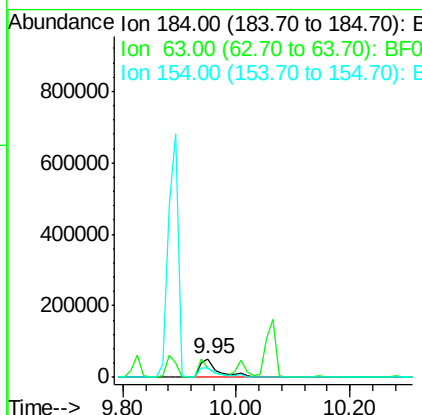
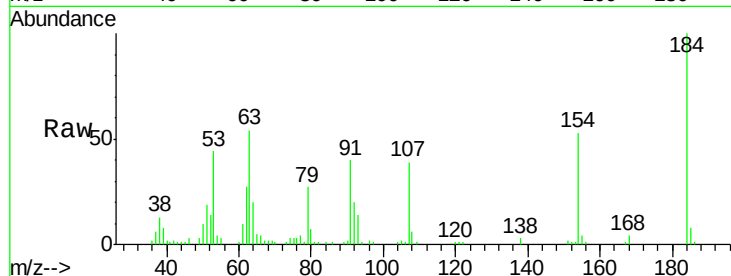
#53
2,4-Dinitrophenol
Concen: 47.20 ng
RT: 9.95 min Scan# 688
Delta R.T. 0.01 min
Lab File: BF093332.D
Acq: 2 Mar 2017 20:32

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	118545		
63	54.2	28.4	42.6	
154	53.2	44.3	66.5	

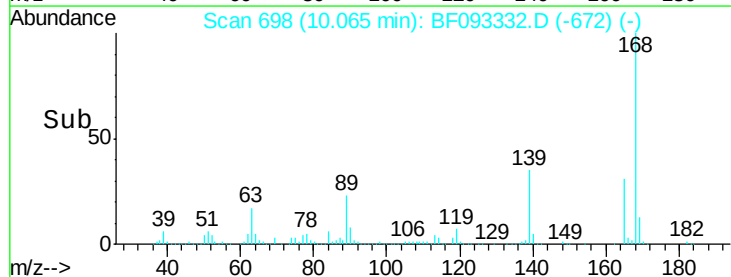
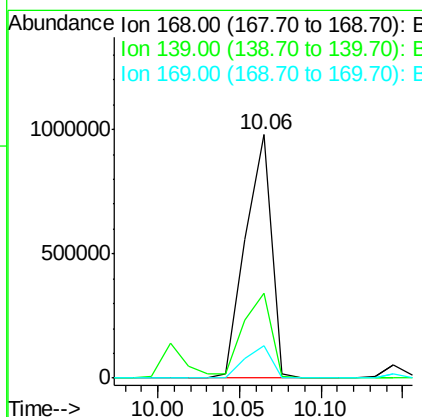
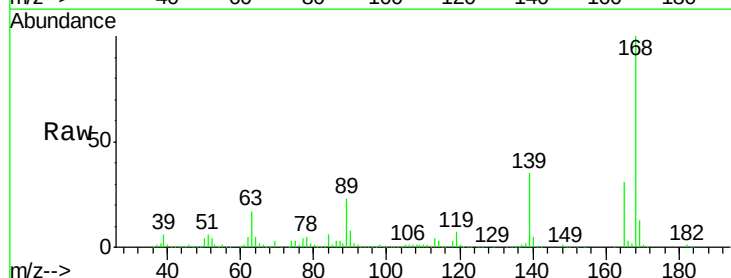
Manual Integrations
APPROVED

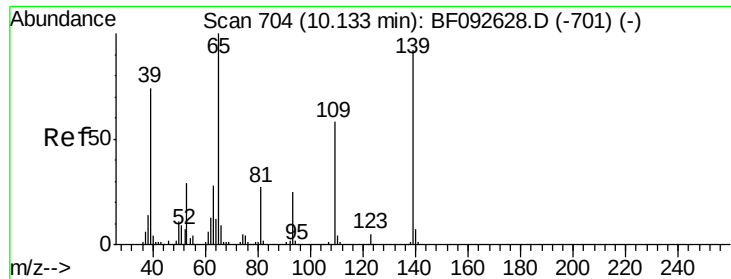
mohammad
3/3/2017 5:16:45 PM



#54
Dibenzofuran
Concen: 38.99 ng
RT: 10.06 min Scan# 698
Delta R.T. -0.00 min
Lab File: BF093332.D
Acq: 2 Mar 2017 20:32

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	1082838		
139	35.0	32.6	49.0	
169	13.2	11.3	16.9	





#55

4-Nitrophenol

Concen: 34.09 ng

RT: 10.01 min Scan# 693

Delta R.T. -0.00 min

Lab File: BF093332.D

Acq: 2 Mar 2017 20:32

Instrument :

BNA_F

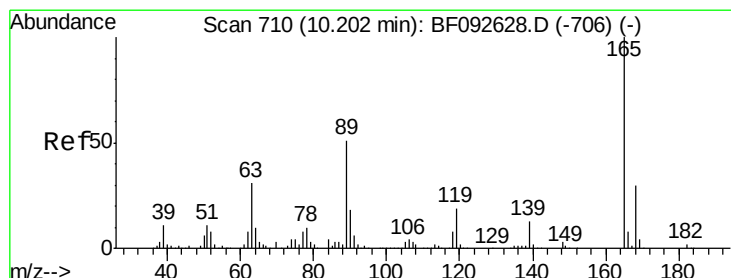
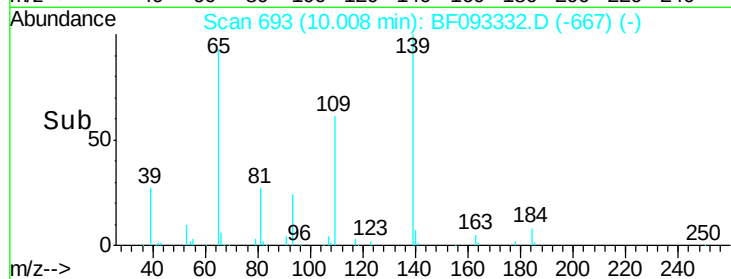
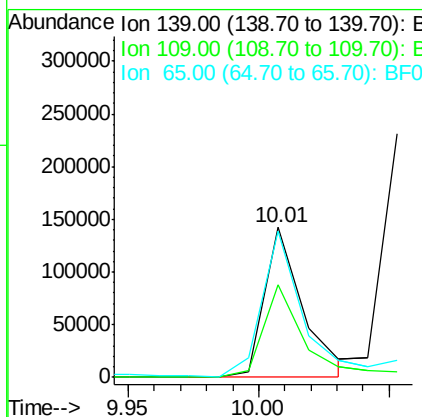
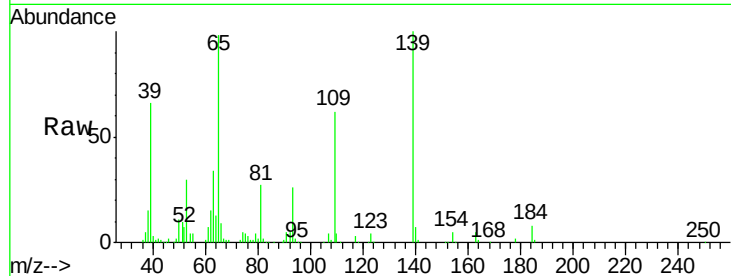
ClientSampleId :

SSTDCCC040EC

Tgt Ion:	139	Resp:	145049
Ion Ratio	Lower	Upper	
139	100		
109	62.1	52.2	92.2
65	97.6	85.8	125.8

Manual Integrations
APPROVED

mohammad
3/3/2017 5:16:45 PM



#56

2,4-Dinitrotoluene

Concen: 40.76 ng

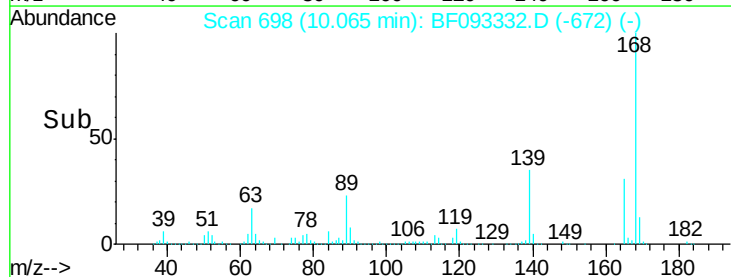
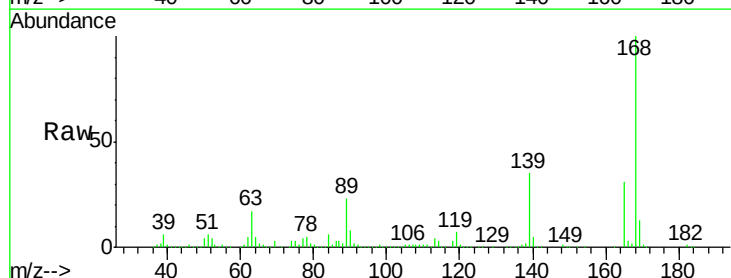
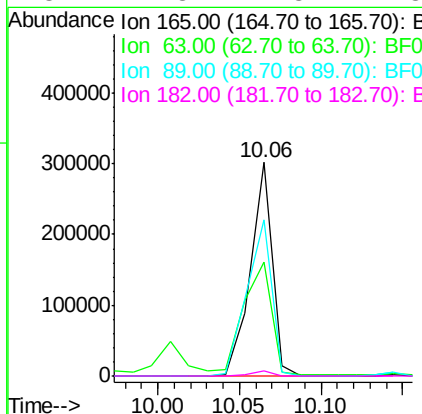
RT: 10.06 min Scan# 698

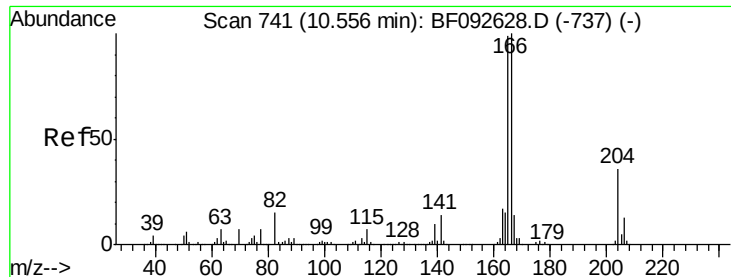
Delta R.T. -0.00 min

Lab File: BF093332.D

Acq: 2 Mar 2017 20:32

Tgt Ion:	165	Resp:	280128
Ion Ratio	Lower	Upper	
165	100		
63	53.6	40.2	60.4
89	73.3	62.5	93.7
182	2.3	1.8	2.8





#57

Fluorene

Concen: 43.97 ng

RT: 10.41 min Scan# 728

Delta R.T. -0.00 min

Lab File: BF093332.D

Acq: 2 Mar 2017 20:32

Instrument :

BNA_F

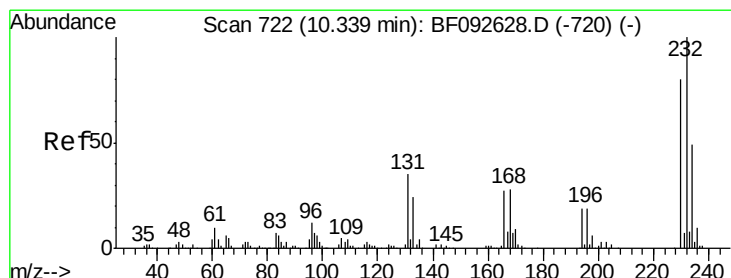
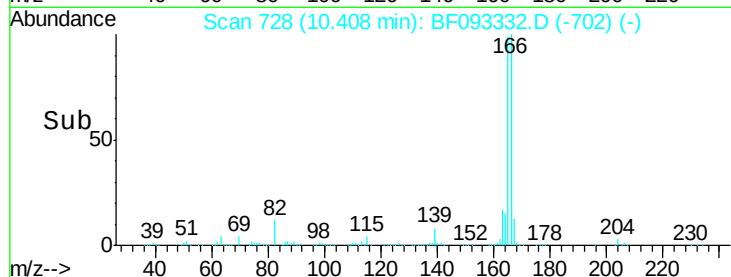
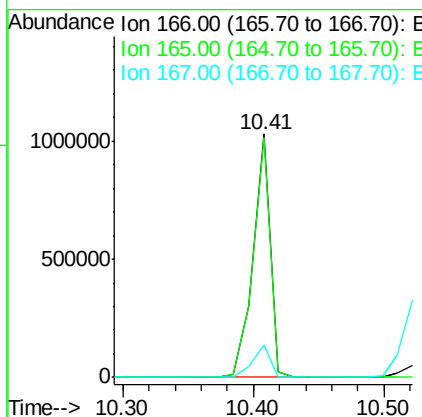
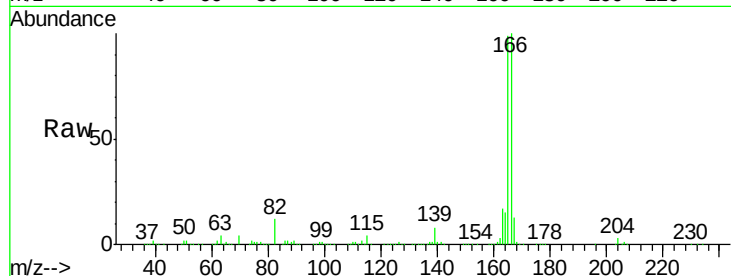
ClientSampleId :

SSTDCCC040EC

Tgt Ion:	166	Resp:	939333
Ion Ratio	Lower	Upper	
166	100		
165	98.5	77.8	116.8
167	13.2	10.8	16.2

Manual Integrations
APPROVED

mohammad
3/3/2017 5:16:45 PM



#58

2,3,4,6-Tetrachlorophenol

Concen: 44.95 ng

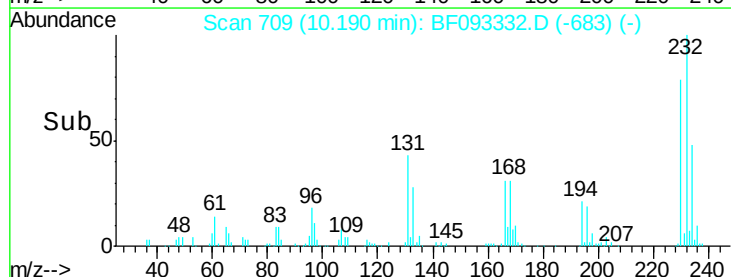
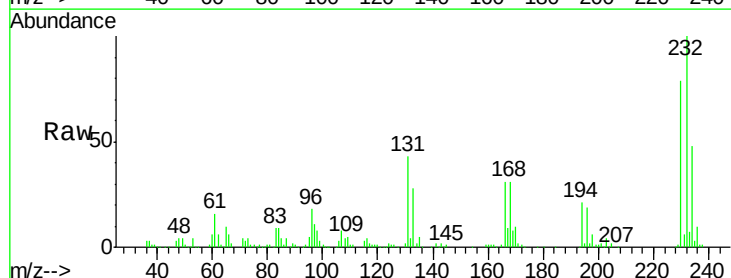
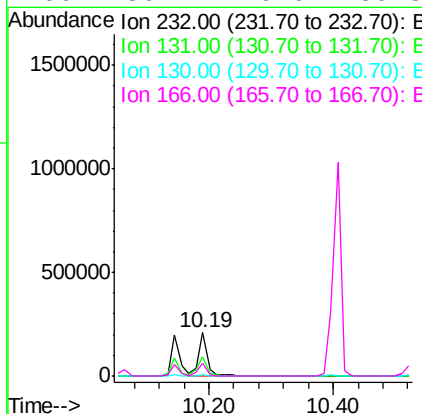
RT: 10.19 min Scan# 709

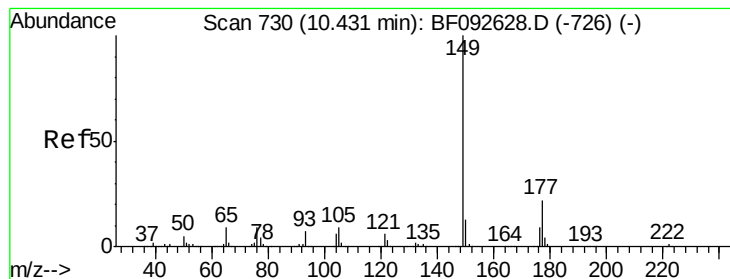
Delta R.T. -0.00 min

Lab File: BF093332.D

Acq: 2 Mar 2017 20:32

Tgt Ion:	232	Resp:	215056
Ion Ratio	Lower	Upper	
232	100		
131	45.8	40.1	60.1
130	2.1	1.8	2.8
166	30.1	26.6	39.8





#59

Diethylphthalate

Concen: 40.81 ng

RT: 10.28 min Scan# 717

Delta R.T. -0.00 min

Lab File: BF093332.D

Acq: 2 Mar 2017 20:32

Instrument :

BNA_F

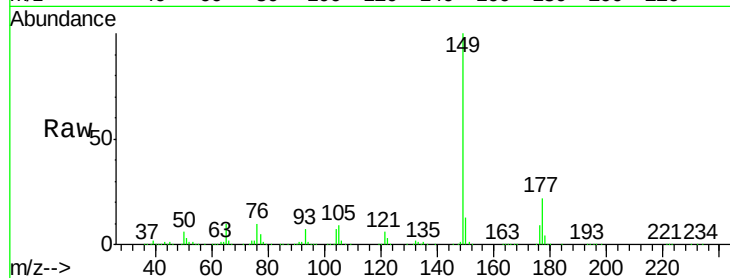
ClientSampleId :

SSTDCCC040EC

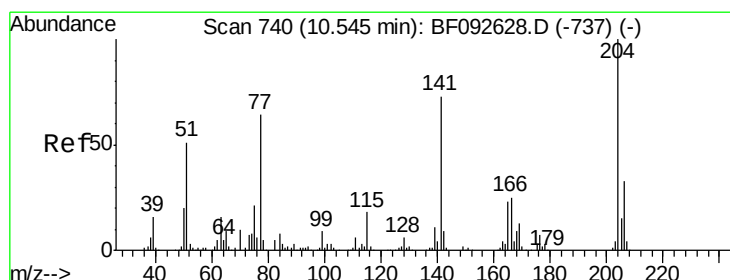
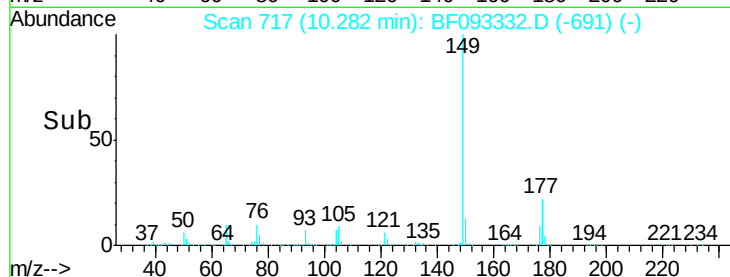
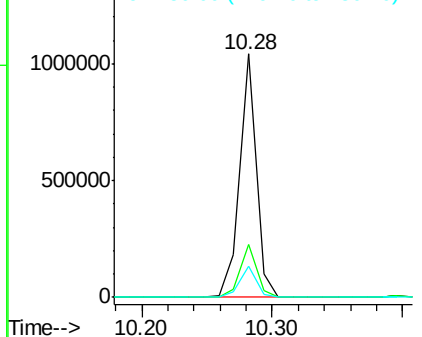
Tgt Ion:	149	Resp:	919278
Ion Ratio	Lower	Upper	
149	100		
177	21.5	16.6	25.0
150	12.6	10.4	15.6

Manual Integrations
APPROVED

mohammad
3/3/2017 5:16:45 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: 39.30 ng

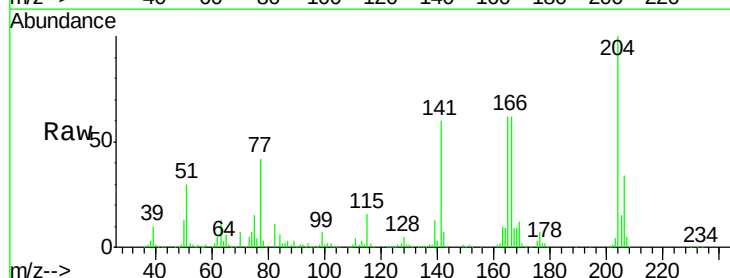
RT: 10.40 min Scan# 727

Delta R.T. -0.00 min

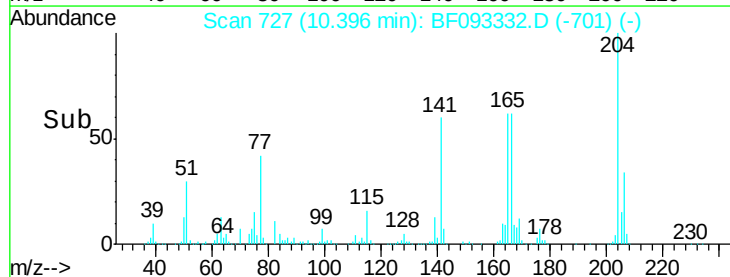
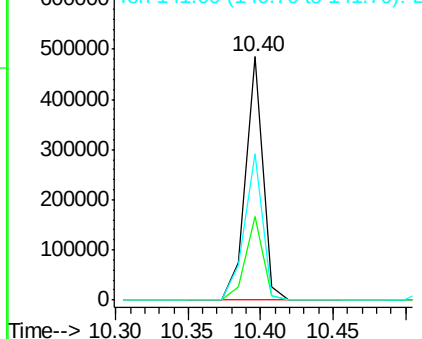
Lab File: BF093332.D

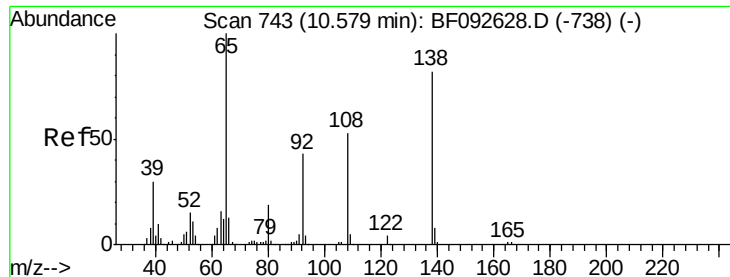
Acq: 2 Mar 2017 20:32

Tgt Ion:	204	Resp:	403411
Ion Ratio	Lower	Upper	
204	100		
206	34.4	25.8	38.6
141	60.0	59.4	89.0



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





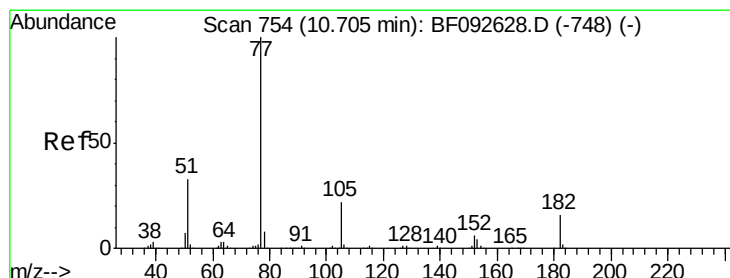
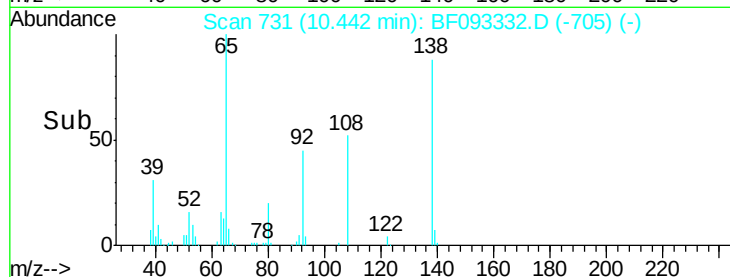
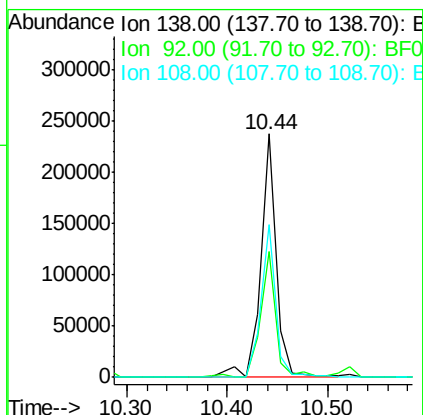
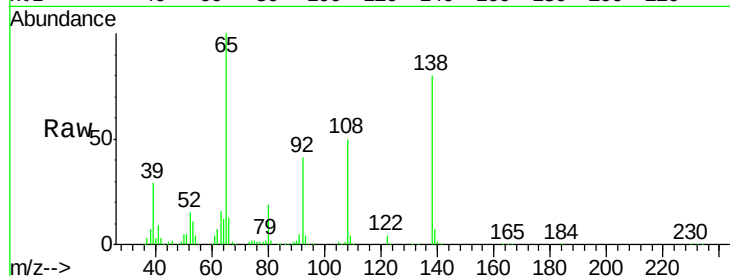
#61
4-Nitroaniline
Concen: 42.40 ng
RT: 10.44 min Scan# 731
Delta R.T. -0.00 min
Lab File: BF093332.D
Acq: 2 Mar 2017 20:32

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion	Ratio	Lower	Upper
138	100		
92	51.6	31.7	71.7
108	62.7	52.6	92.6

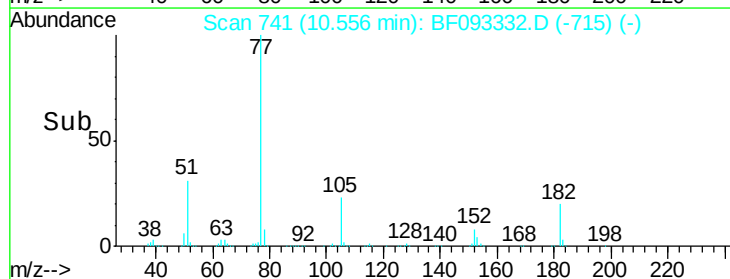
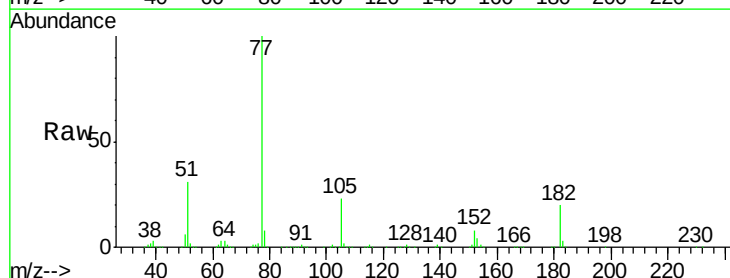
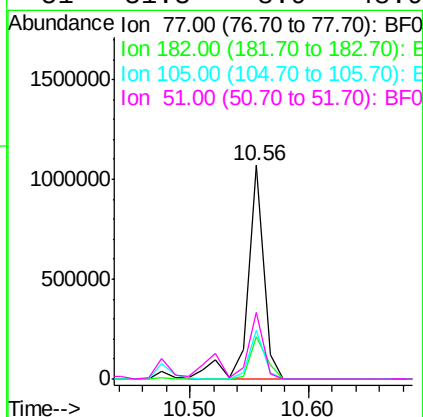
Manual Integrations
APPROVED

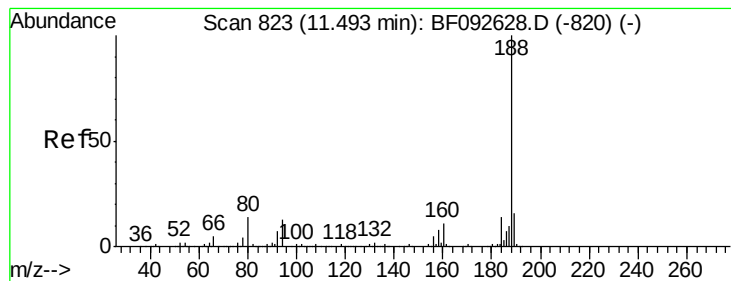
mohammad
3/3/2017 5:16:45 PM



#62
Azobenzene
Concen: 43.86 ng
RT: 10.56 min Scan# 741
Delta R.T. -0.00 min
Lab File: BF093332.D
Acq: 2 Mar 2017 20:32

Tgt Ion	Ratio	Lower	Upper
77	100		
182	19.8	0.0	39.3
105	22.7	2.3	42.3
51	31.3	8.9	48.9





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.34 min Scan# 810

Delta R.T. -0.00 min

Lab File: BF093332.D

Acq: 2 Mar 2017 20:32

Instrument :

BNA_F

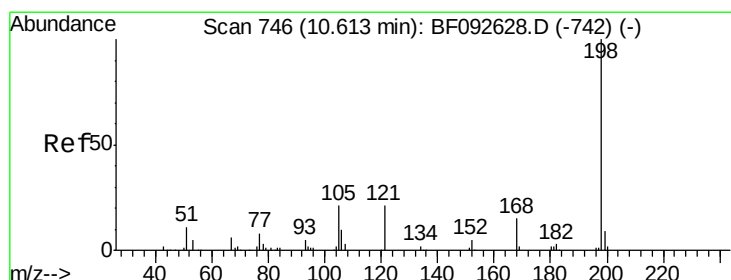
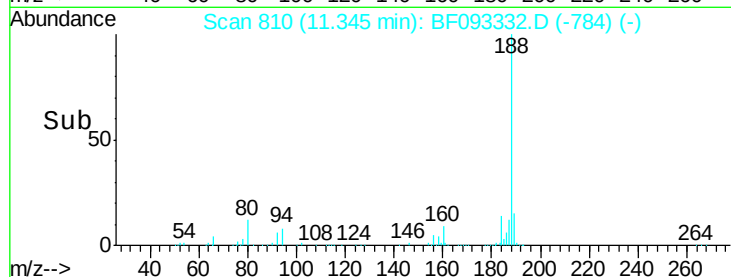
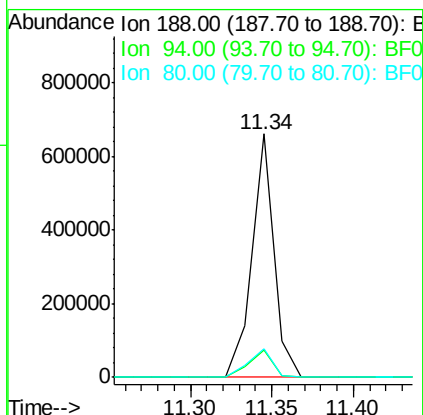
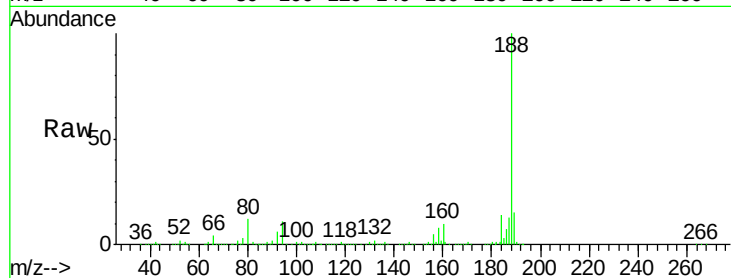
ClientSampleId :

SSTDCCC040EC

Tgt Ion:	188	Resp:	619555
Ion Ratio		Lower	Upper
188	100		
94	11.2	10.0	15.0
80	11.9	11.2	16.8

Manual Integrations
APPROVED

mohammad
3/3/2017 5:16:45 PM



#64

4,6-Dinitro-2-methylphenol

Concen: 43.09 ng

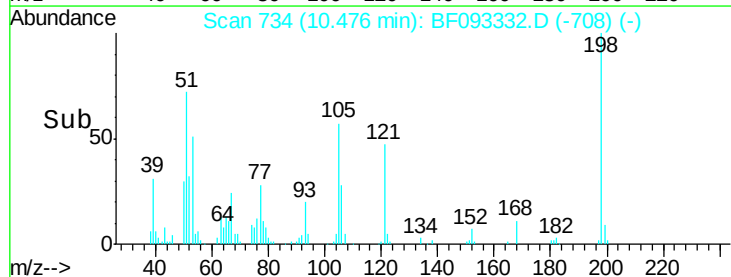
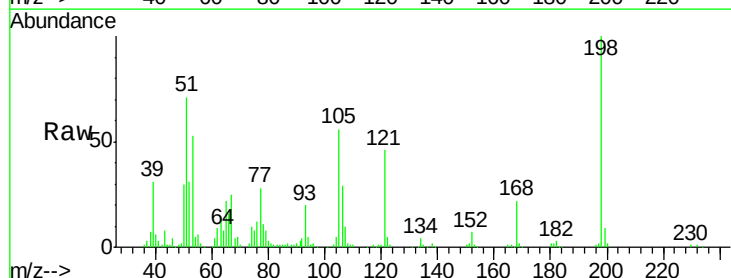
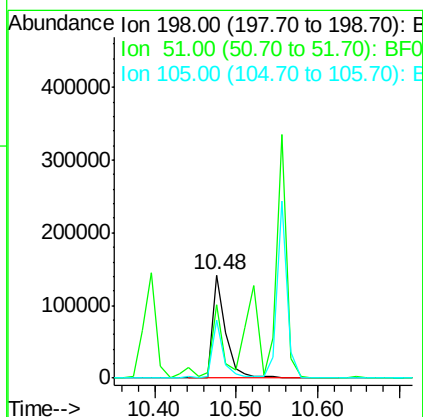
RT: 10.48 min Scan# 734

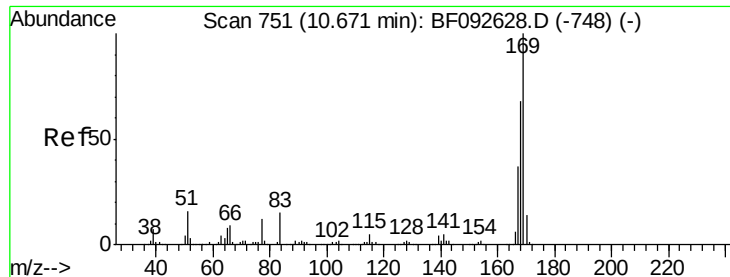
Delta R.T. -0.00 min

Lab File: BF093332.D

Acq: 2 Mar 2017 20:32

Tgt Ion:	198	Resp:	161413
Ion Ratio		Lower	Upper
198	100		
51	70.6	6.7	46.7#
105	55.7	16.6	56.6





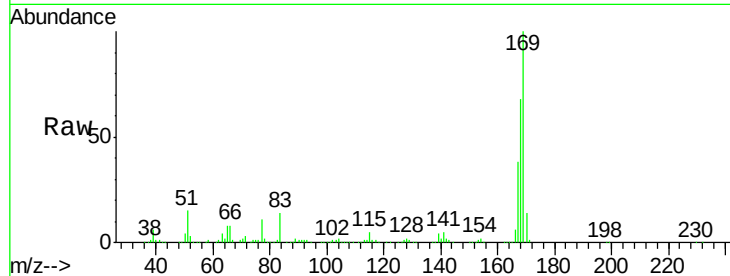
#65
n-Nitrosodiphenylamine
Concen: 40.53 ng
RT: 10.52 min Scan# 738
Delta R.T. -0.00 min
Lab File: BF093332.D
Acq: 2 Mar 2017 20:32

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

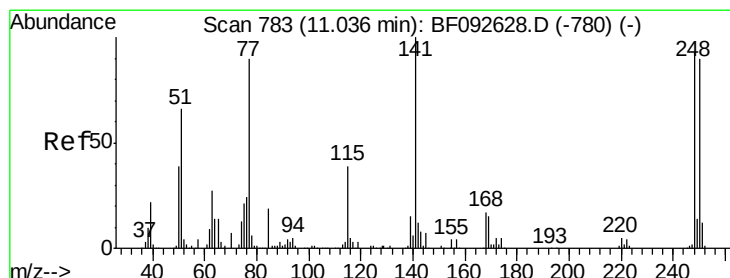
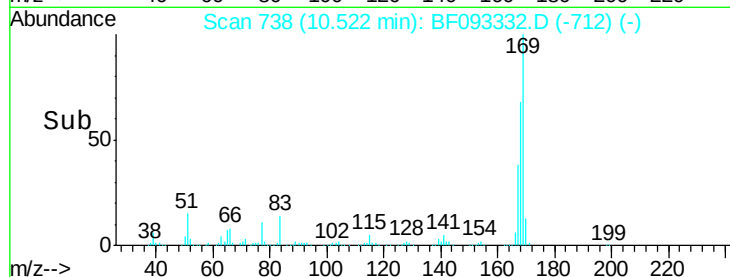
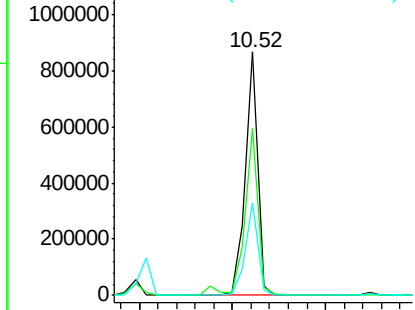
Tgt Ion	Ratio	Resp	Lower	Upper
169	100	802185		
168	68.4	54.2	81.2	
167	37.8	30.2	45.4	

Manual Integrations
APPROVED

mohammad
3/3/2017 5:16:45 PM



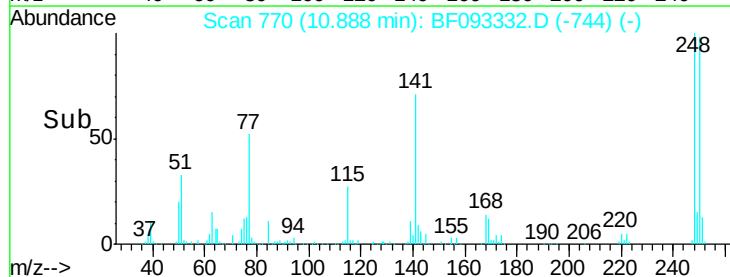
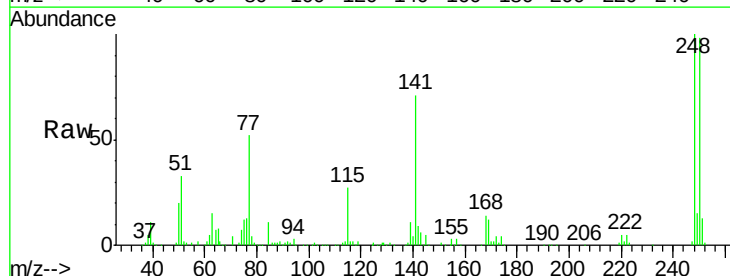
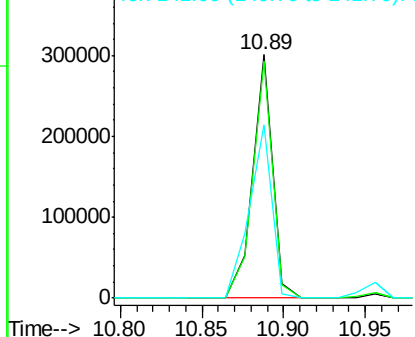
Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E

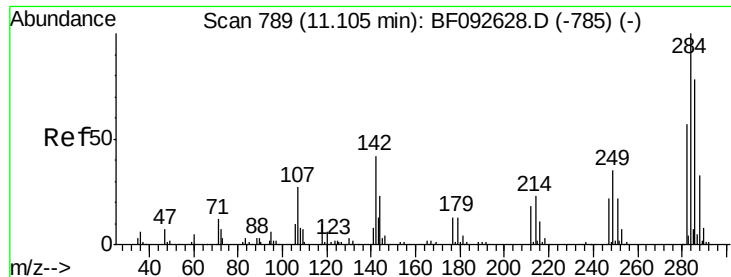


#66
4-Bromophenyl-phenylether
Concen: 39.53 ng
RT: 10.89 min Scan# 770
Delta R.T. -0.00 min
Lab File: BF093332.D
Acq: 2 Mar 2017 20:32

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	255863		
250	97.5	76.9	115.3	
141	71.1	68.2	102.4	

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





#67

Hexachlorobenzene

Concen: 37.32 ng

RT: 10.96 min Scan# 776

Delta R.T. -0.00 min

Lab File: BF093332.D

Acq: 2 Mar 2017 20:32

Instrument :

BNA_F

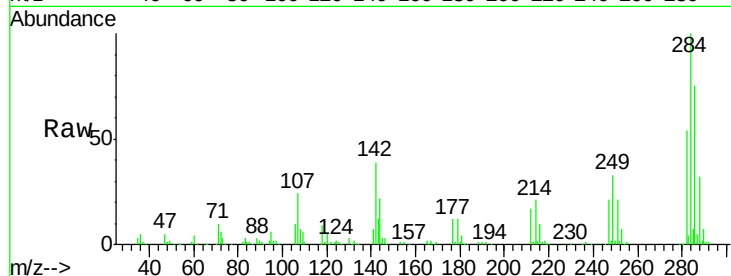
ClientSampleId :

SSTDCCC040EC

Tgt Ion	Ratio	Resp	Lower	Upper
284	100	238722		
142	38.8	22.6	33.8#	
249	32.9	25.4	38.0	

Manual Integrations
APPROVED

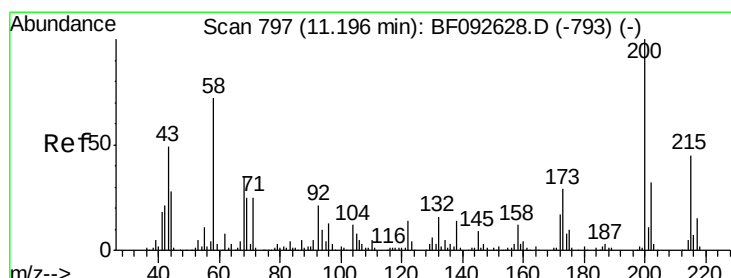
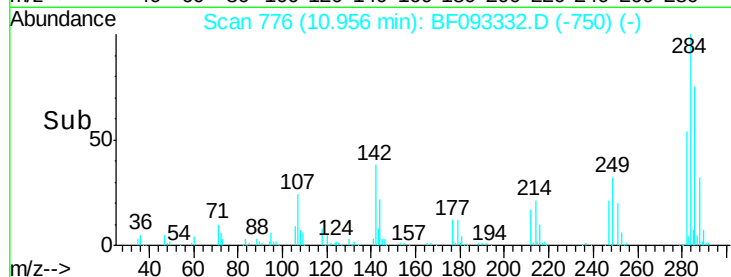
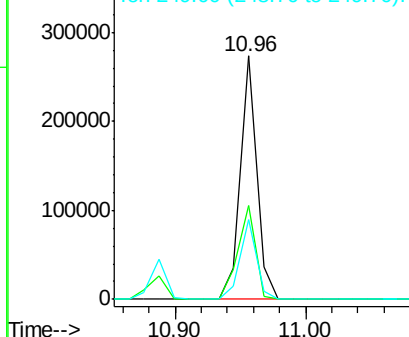
mohammad
3/3/2017 5:16:45 PM



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 44.50 ng

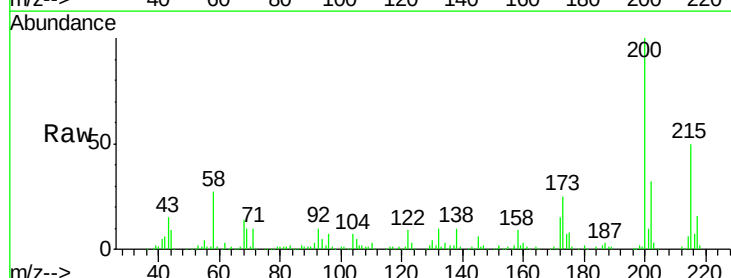
RT: 11.06 min Scan# 785

Delta R.T. 0.01 min

Lab File: BF093332.D

Acq: 2 Mar 2017 20:32

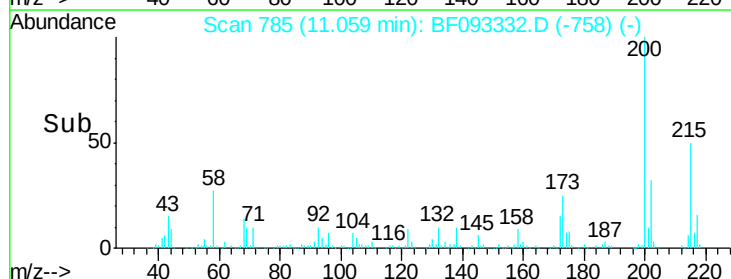
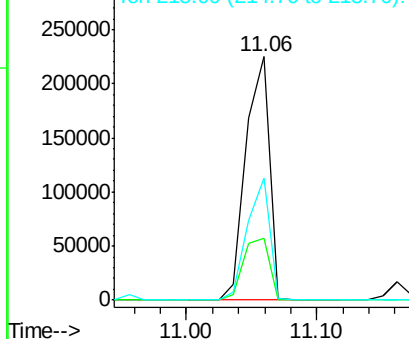
Tgt Ion	Ratio	Resp	Lower	Upper
200	100	282631		
173	25.2	9.6	49.6	
215	50.1	25.7	65.7	

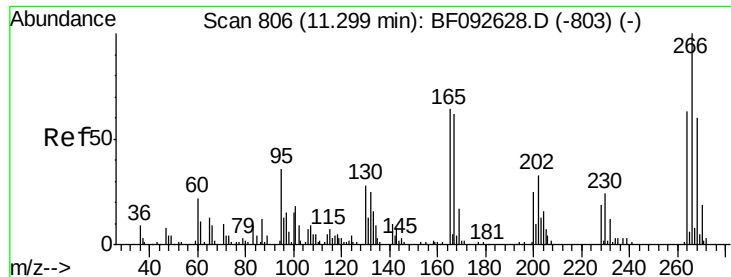


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E





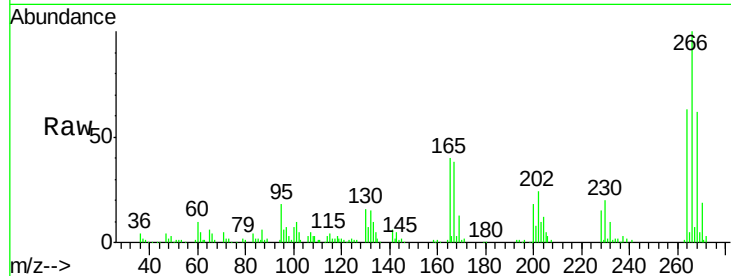
#69
 Pentachlorophenol
 Concen: 39.75 ng
 RT: 11.16 min Scan# 794
 Delta R.T. -0.00 min
 Lab File: BF093332.D
 Acq: 2 Mar 2017 20:32

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	118125		
268	62.5	53.3	79.9	
264	63.1	50.3	75.5	

Manual Integrations
 APPROVED

mohammad
 3/3/2017 5:16:45 PM

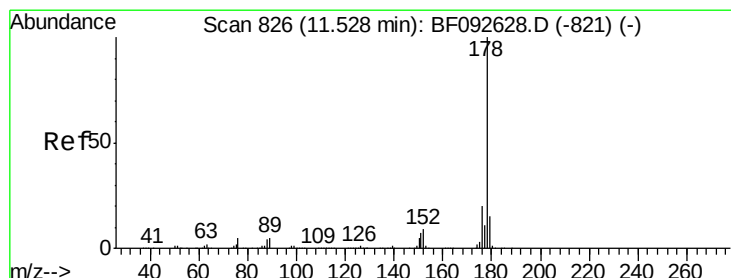
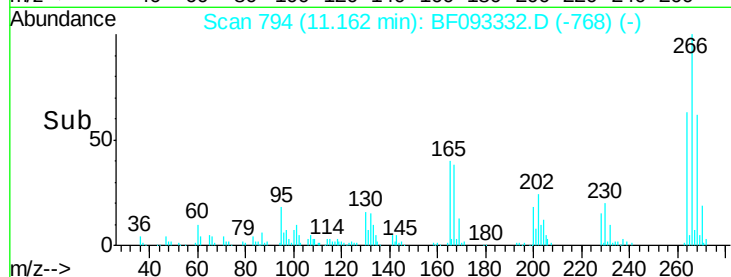
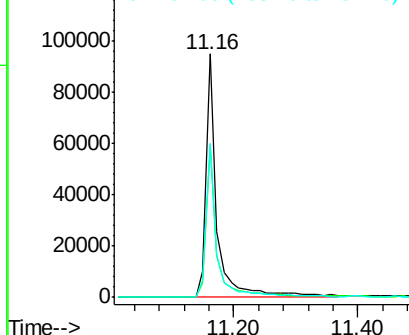


Abundance

Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E



#70
 Phenanthrene
 Concen: 34.86 ng
 RT: 11.37 min Scan# 812
 Delta R.T. -0.00 min
 Lab File: BF093332.D
 Acq: 2 Mar 2017 20:32

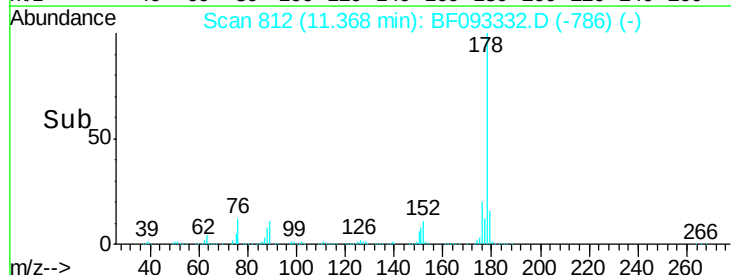
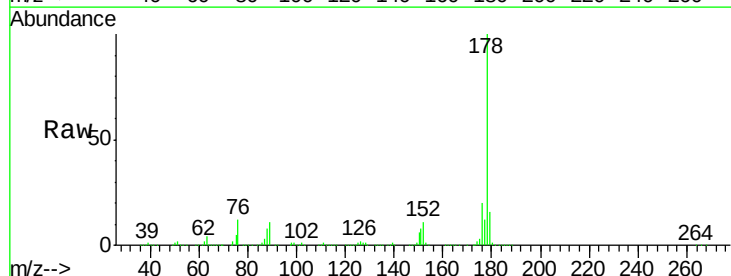
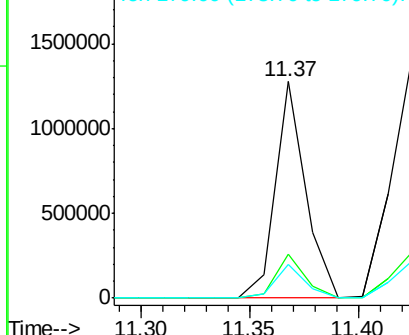
Tgt Ion	Ratio	Resp	Lower	Upper
178	100	1237336		
176	20.1	16.6	25.0	
179	15.7	12.8	19.2	

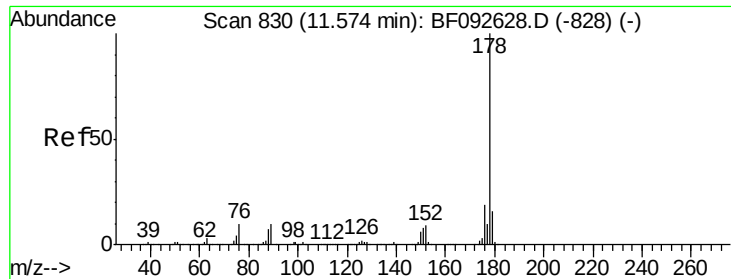
Abundance

Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





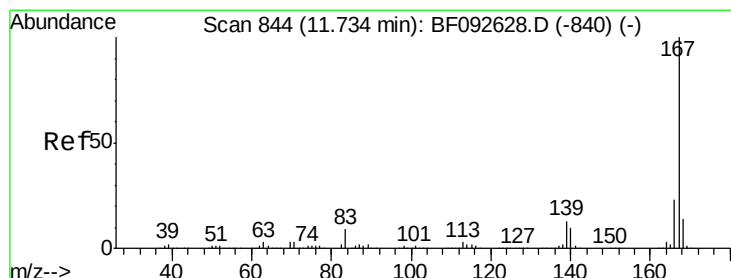
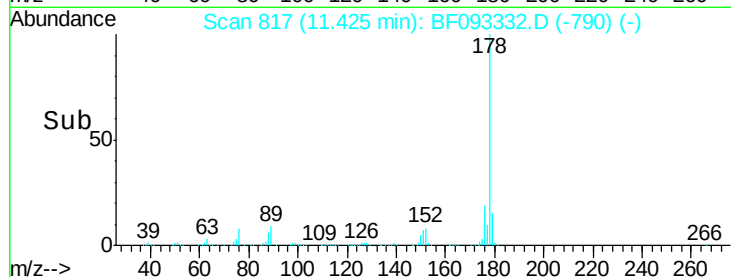
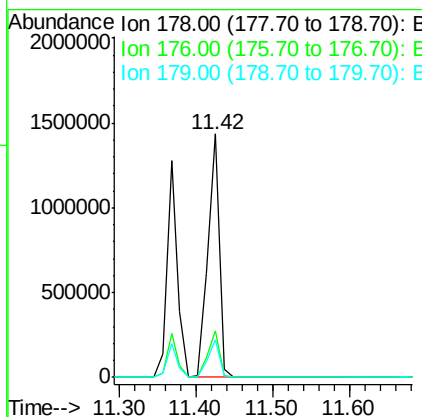
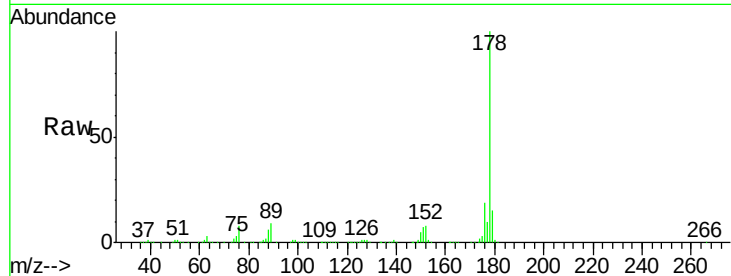
#71
 Anthracene
 Concen: 40.85 ng
 RT: 11.42 min Scan# 817
 Delta R.T. 0.01 min
 Lab File: BF093332.D
 Acq: 2 Mar 2017 20:32

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tgt Ion:178 Resp: 1456189
 Ion Ratio Lower Upper
 178 100
 176 19.2 15.9 23.9
 179 15.3 13.2 19.8

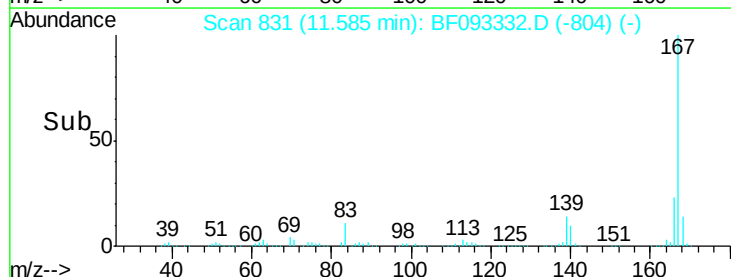
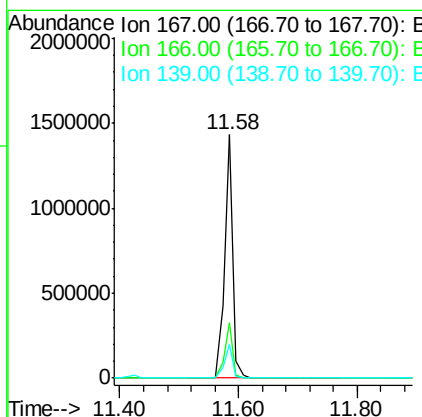
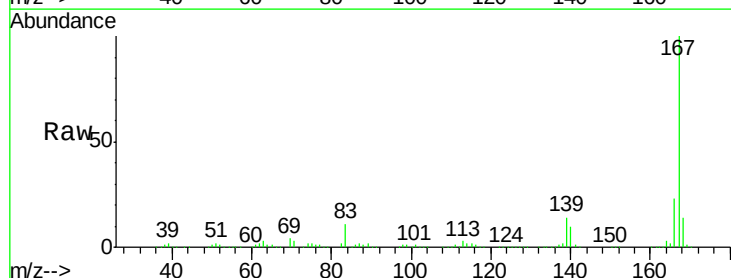
Manual Integrations
 APPROVED

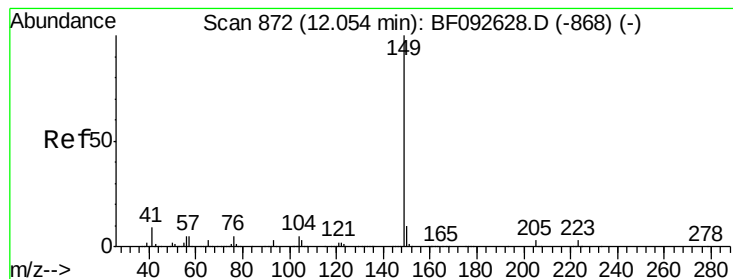
mohammad
 3/3/2017 5:16:45 PM



#72
 Carbazole
 Concen: 40.19 ng
 RT: 11.58 min Scan# 831
 Delta R.T. 0.01 min
 Lab File: BF093332.D
 Acq: 2 Mar 2017 20:32

Tgt Ion:167 Resp: 1369378
 Ion Ratio Lower Upper
 167 100
 166 22.7 18.2 27.2
 139 13.7 11.4 17.2





#73

Di-n-butylphthalate

Concen: 39.28 ng

RT: 11.90 min Scan# 859

Delta R.T. -0.00 min

Lab File: BF093332.D

Acq: 2 Mar 2017 20:32

Instrument :

BNA_F

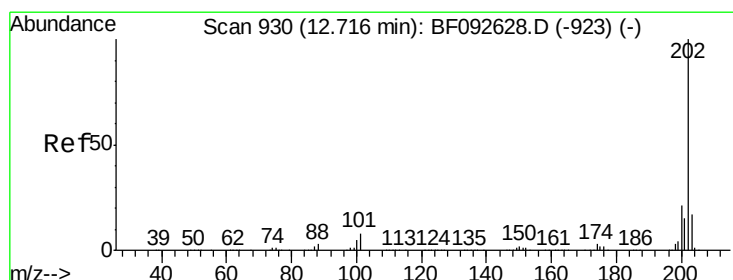
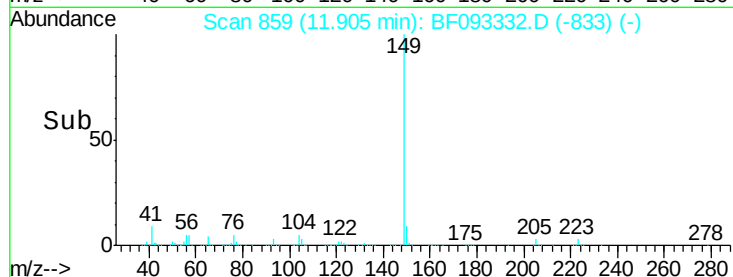
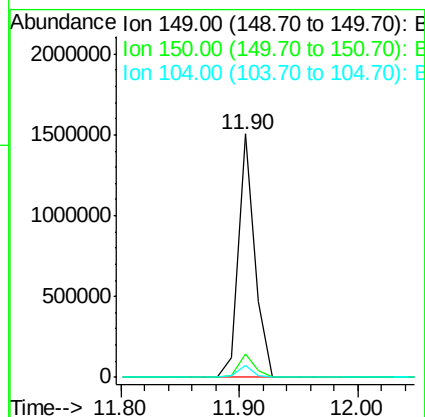
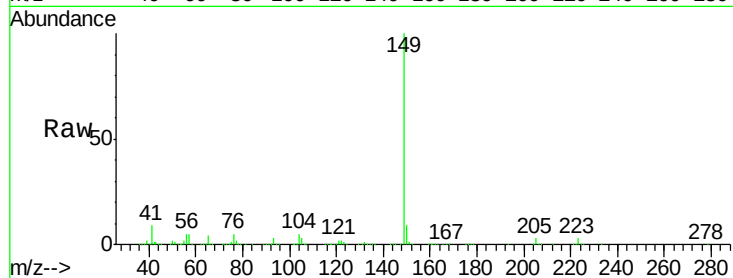
ClientSampleId :

SSTDCCC040EC

Tgt Ion:	149	Resp:	1447520
Ion Ratio	Lower	Upper	
149	100		
150	9.4	8.1	12.1
104	4.8	4.6	7.0

Manual Integrations
APPROVED

mohammad
3/3/2017 5:16:45 PM



#74

Fluoranthene

Concen: 36.61 ng

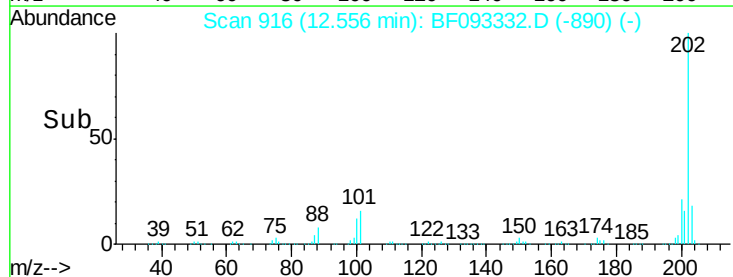
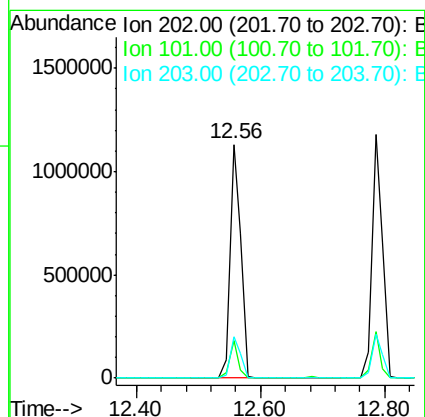
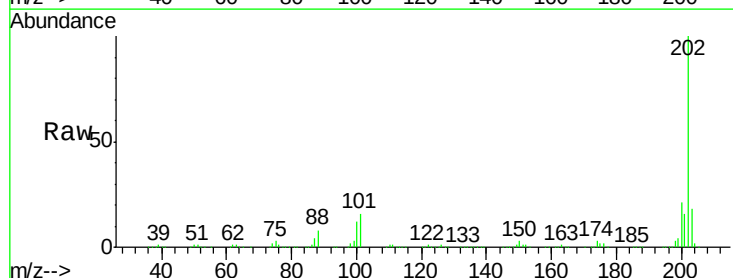
RT: 12.56 min Scan# 916

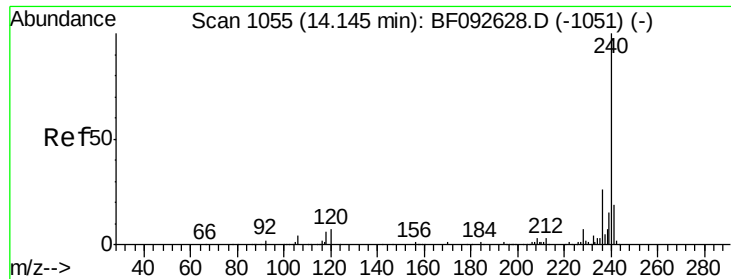
Delta R.T. -0.00 min

Lab File: BF093332.D

Acq: 2 Mar 2017 20:32

Tgt Ion:	202	Resp:	1340406
Ion Ratio	Lower	Upper	
202	100		
101	15.9	0.0	34.6
203	17.9	0.0	38.7





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.99 min Scan# 1041

Delta R.T. -0.00 min

Lab File: BF093332.D

Acq: 2 Mar 2017 20:32

Instrument :

BNA_F

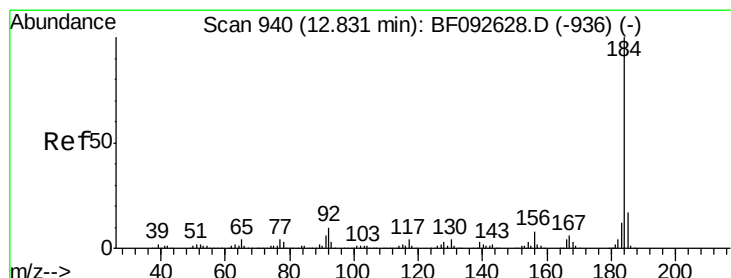
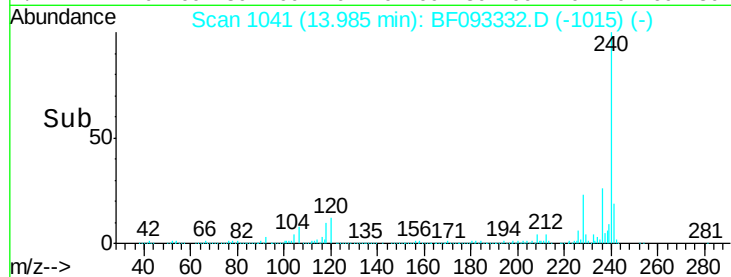
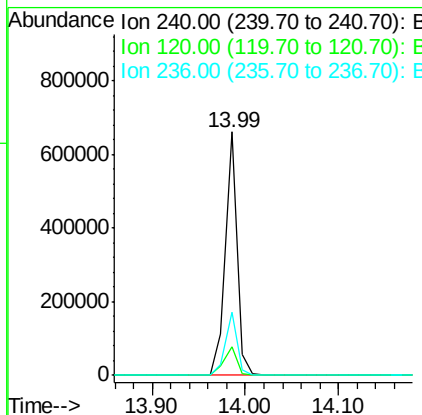
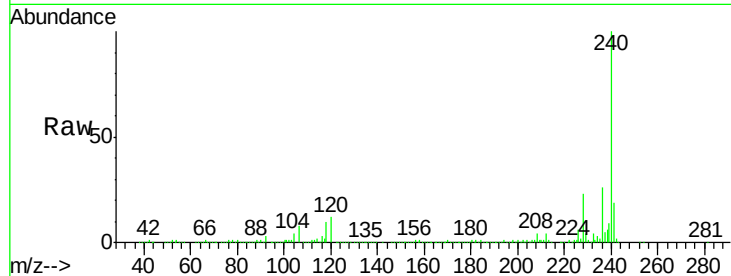
ClientSampleId :

SSTDCCC040EC

Tgt Ion:	240	Resp:	576808
Ion Ratio	Lower	Upper	
240	100		
120	11.7	12.9	19.3#
236	26.2	20.9	31.3

Manual Integrations
APPROVED

mohammad
3/3/2017 5:16:45 PM



#76

Benzidine

Concen: 33.66 ng

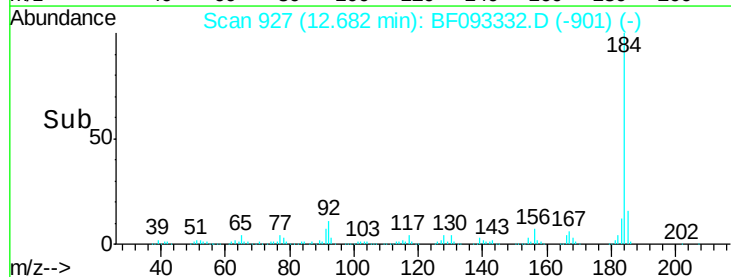
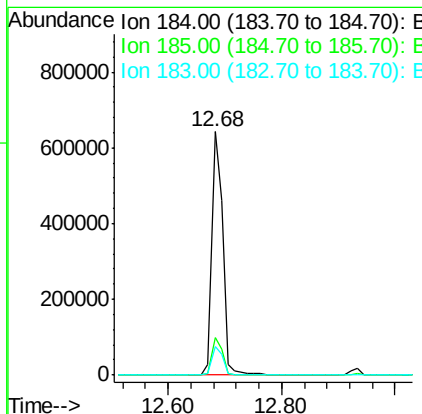
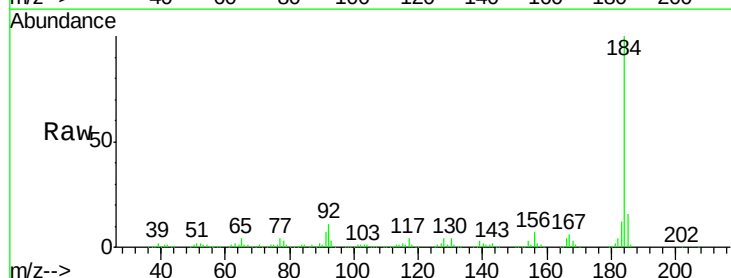
RT: 12.68 min Scan# 927

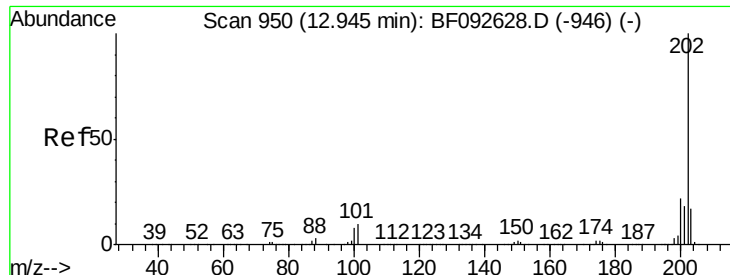
Delta R.T. -0.00 min

Lab File: BF093332.D

Acq: 2 Mar 2017 20:32

Tgt Ion:	184	Resp:	827240
Ion Ratio	Lower	Upper	
184	100		
185	15.6	13.4	20.0
183	11.9	9.2	13.8





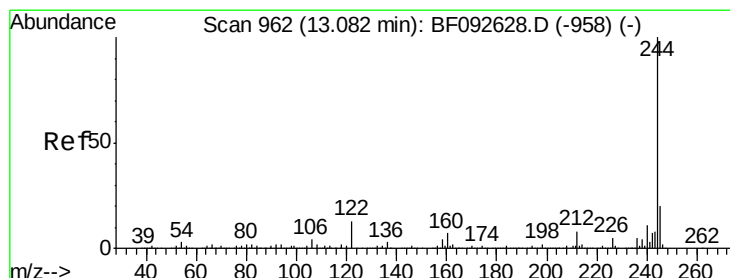
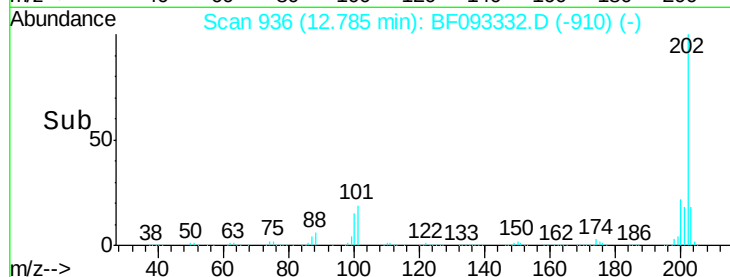
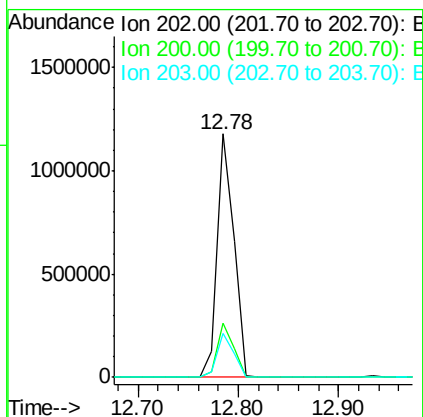
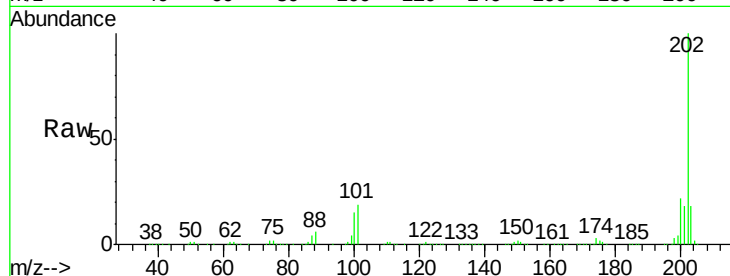
#77
Pyrene
 Concen: 31.54 ng
 RT: 12.78 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: BF093332.D
 Acq: 2 Mar 2017 20:32

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tgt Ion	Ratio	Lower	Upper
202	100		
200	22.1	17.7	26.5
203	17.9	14.7	22.1

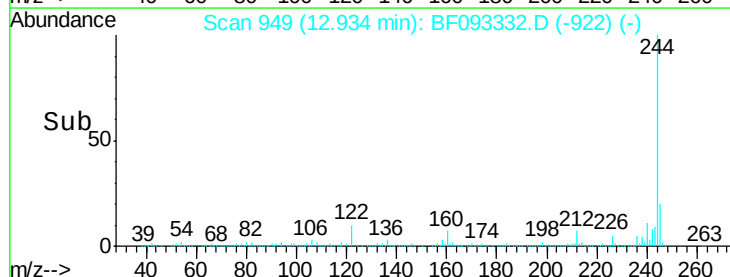
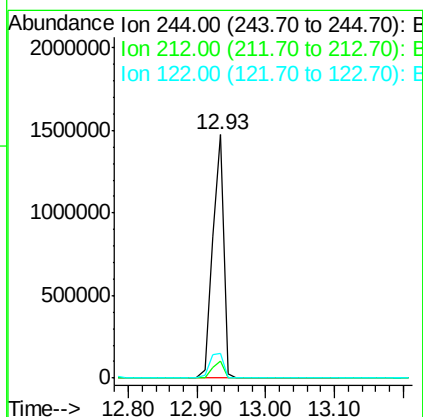
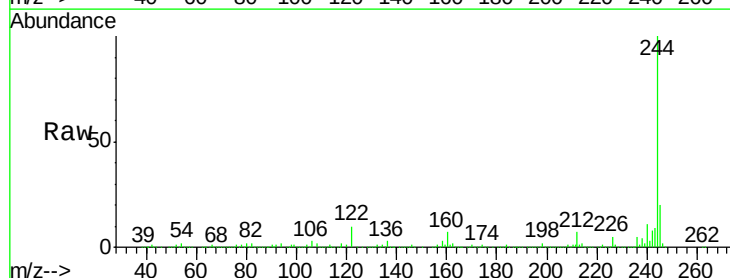
Manual Integrations
 APPROVED

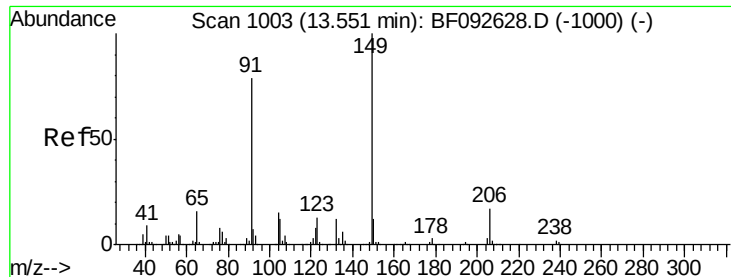
mohammad
 3/3/2017 5:16:45 PM



#78
Terphenyl-d14
 Concen: 67.74 ng
 RT: 12.93 min Scan# 949
 Delta R.T. 0.01 min
 Lab File: BF093332.D
 Acq: 2 Mar 2017 20:32

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.2	6.2	9.2
122	10.4	11.4	17.2





#79

Butylbenzylphthalate

Concen: 41.48 ng

RT: 13.40 min Scan# 990

Delta R.T. 0.01 min

Lab File: BF093332.D

Acq: 2 Mar 2017 20:32

Instrument :

BNA_F

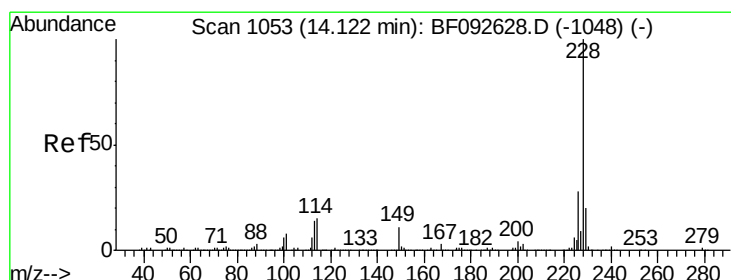
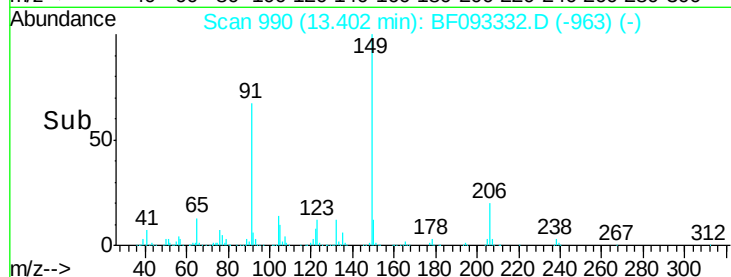
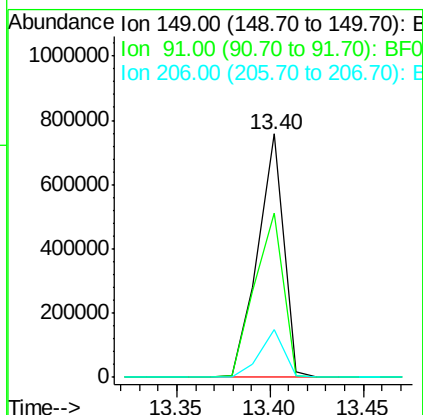
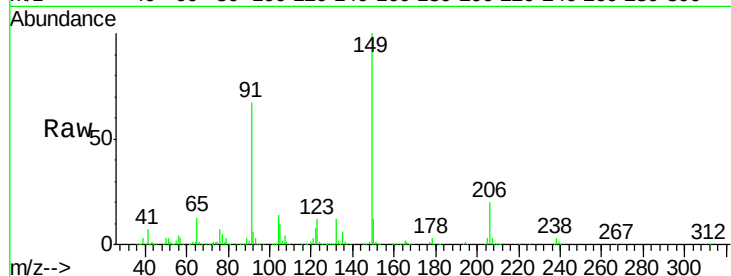
ClientSampleId :

SSTDCCC040EC

Tgt Ion:	149	Resp:	727055
Ion Ratio	Lower	Upper	
149	100		
91	67.3	63.9	95.9
206	19.8	14.6	21.8

Manual Integrations
APPROVED

mohammad
3/3/2017 5:16:45 PM



#80

Benzo(a)anthracene

Concen: 36.44 ng

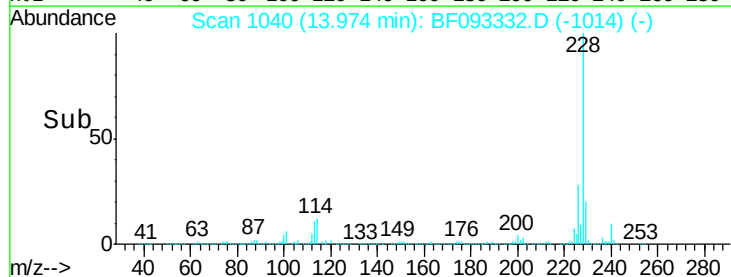
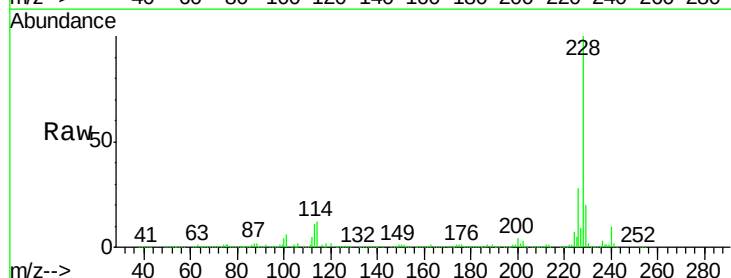
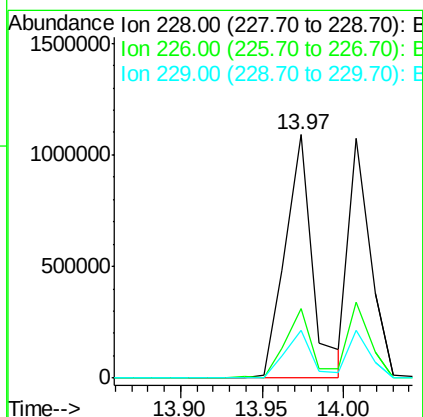
RT: 13.97 min Scan# 1040

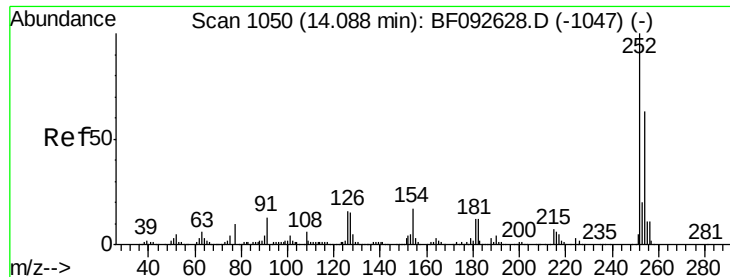
Delta R.T. -0.00 min

Lab File: BF093332.D

Acq: 2 Mar 2017 20:32

Tgt Ion:	228	Resp:	1285457
Ion Ratio	Lower	Upper	
228	100		
226	28.3	22.4	33.6
229	19.9	16.2	24.4





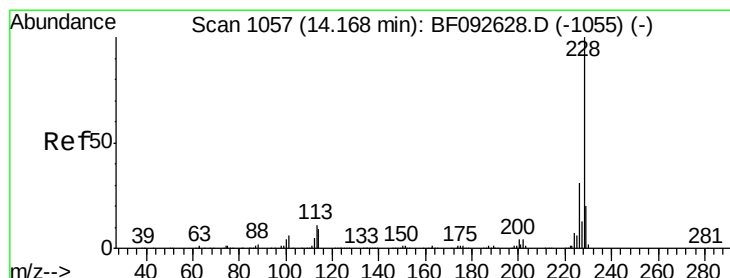
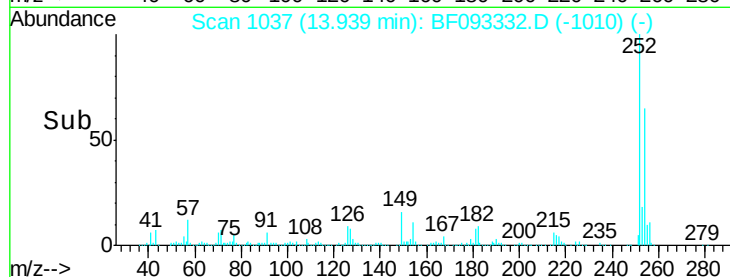
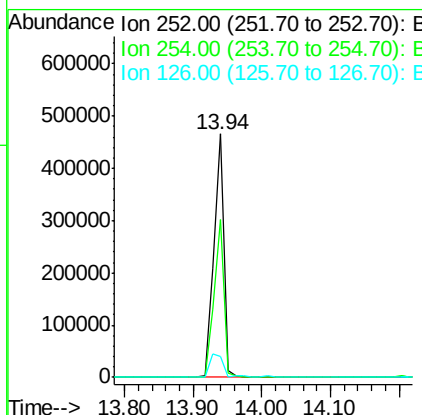
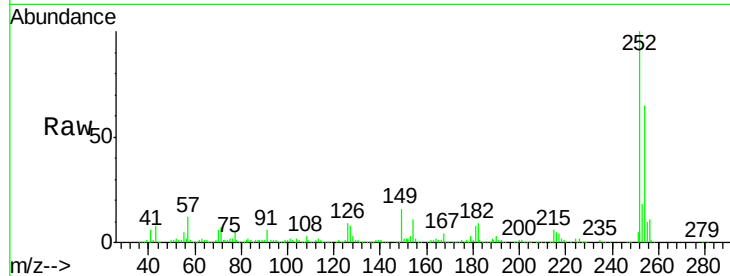
#81
 3,3'-Dichlorobenzidine
 Concen: 38.23 ng
 RT: 13.94 min Scan# 1037
 Delta R.T. 0.01 min
 Lab File: BF093332.D
 Acq: 2 Mar 2017 20:32

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tgt Ion	Ratio	Lower	Upper
252	100		
254	65.0	52.3	78.5
126	8.8	13.6	20.4

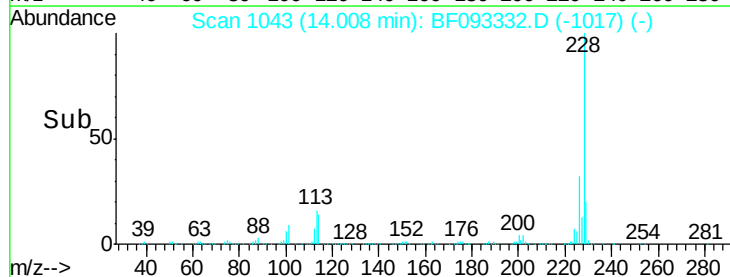
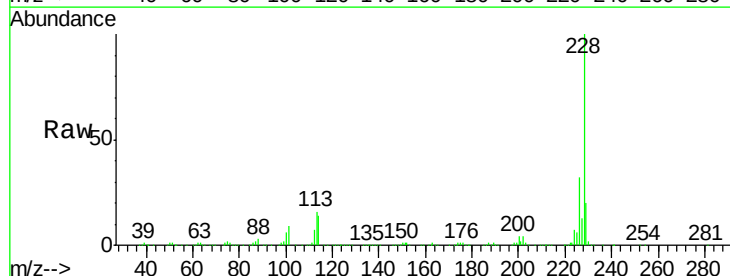
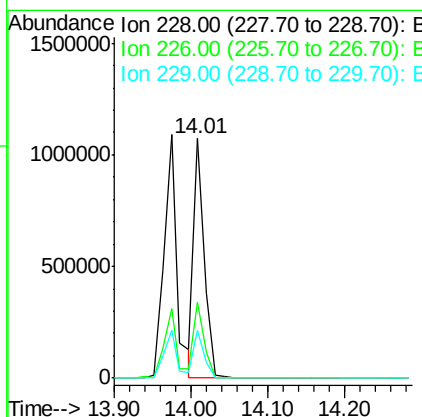
Manual Integrations
 APPROVED

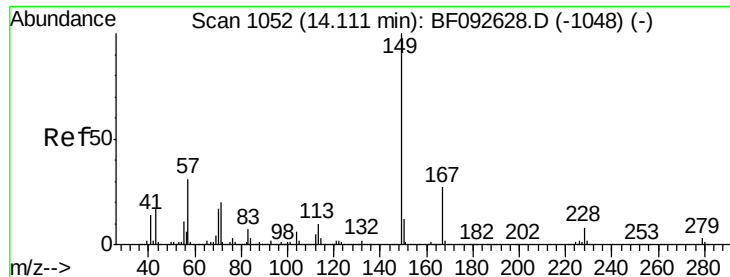
mohammad
 3/3/2017 5:16:45 PM



#82
 Chrysene
 Concen: 30.82 ng
 RT: 14.01 min Scan# 1043
 Delta R.T. -0.00 min
 Lab File: BF093332.D
 Acq: 2 Mar 2017 20:32

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.5	25.4	38.0
229	20.2	16.2	24.2





#83

Bis(2-ethylhexyl)phthalate

Concen: 37.38 ng

RT: 13.95 min Scan# 1038

Delta R.T. -0.00 min

Lab File: BF093332.D

Acq: 2 Mar 2017 20:32

Instrument :

BNA_F

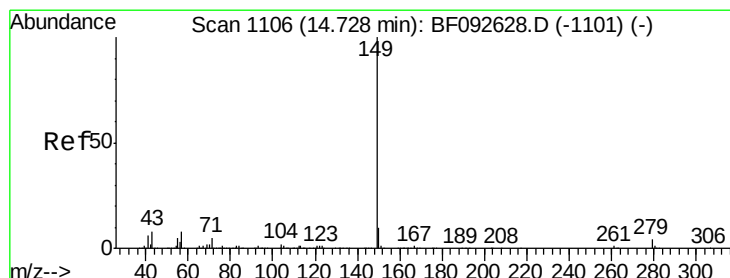
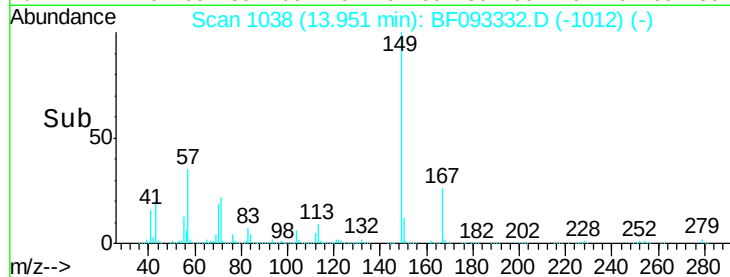
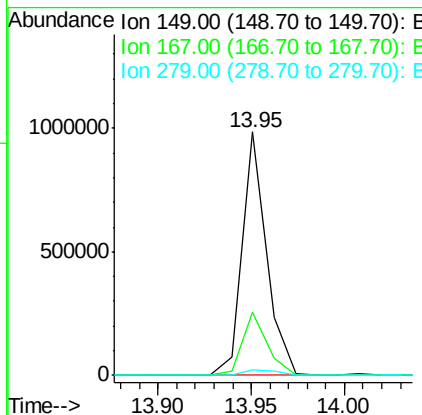
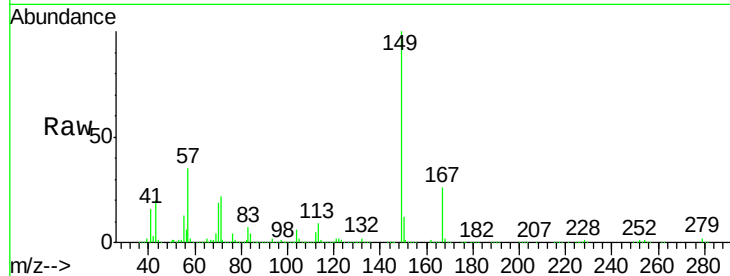
ClientSampleId :

SSTDCCC040EC

Tgt Ion:	149	Resp:	896201
Ion Ratio	Lower	Upper	
149	100		
167	25.7	20.2	30.4
279	2.2	1.8	2.8

Manual Integrations
APPROVED

mohammad
3/3/2017 5:16:45 PM



#84

Di-n-octyl phthalate

Concen: 40.71 ng

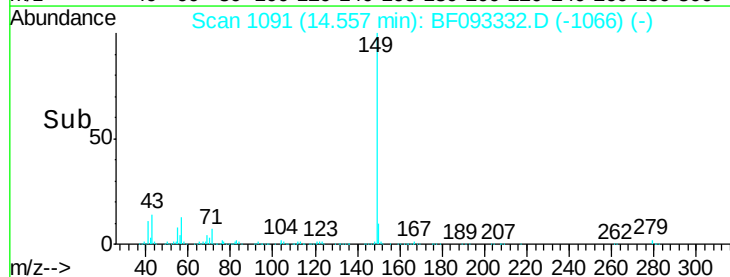
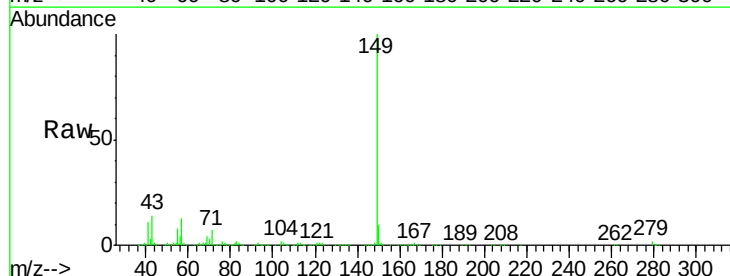
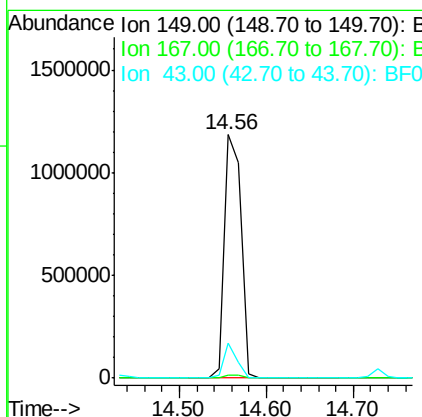
RT: 14.56 min Scan# 1091

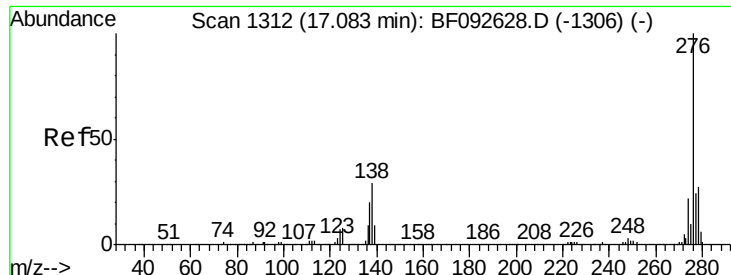
Delta R.T. -0.01 min

Lab File: BF093332.D

Acq: 2 Mar 2017 20:32

Tgt Ion:	149	Resp:	1589158
Ion Ratio	Lower	Upper	
149	100		
167	1.5	1.3	1.9
43	11.3	8.9	13.3





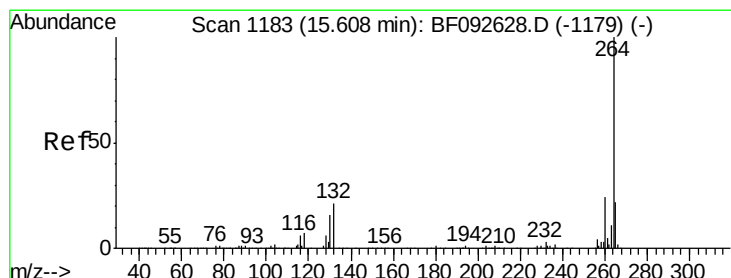
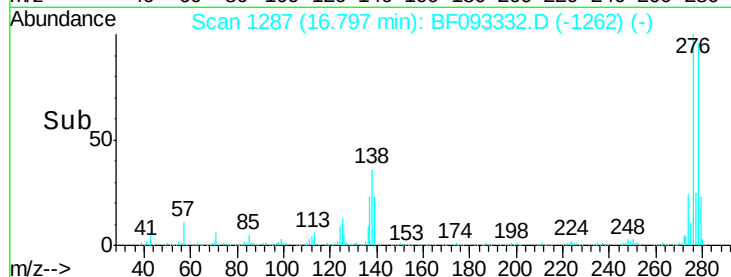
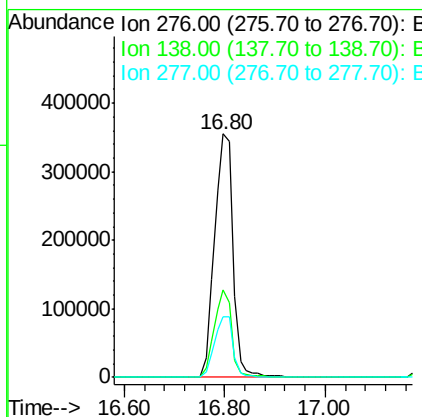
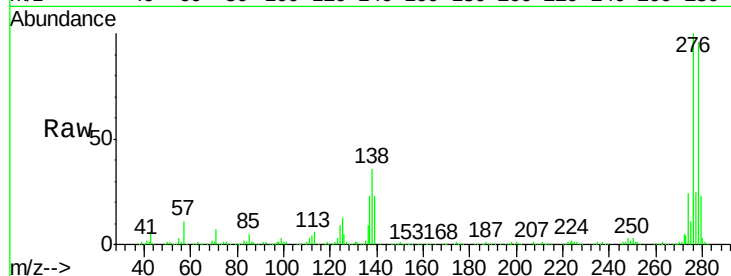
#85
Indeno(1,2,3-cd)pyrene
Concen: 35.60 ng
RT: 16.80 min Scan# 1287
Delta R.T. -0.01 min
Lab File: BF093332.D
Acq: 2 Mar 2017 20:32

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion	Ratio	Lower	Upper
276	100		
138	33.8	21.8	32.6
277	24.9	20.2	30.4

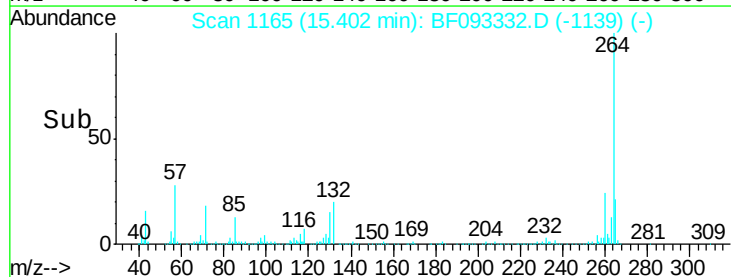
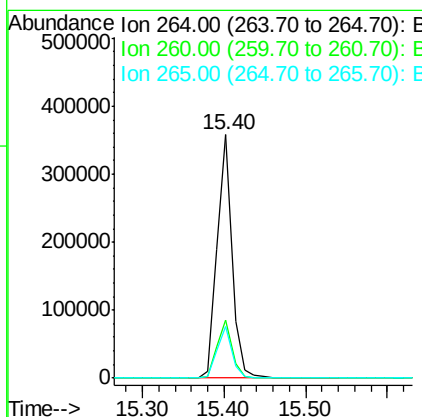
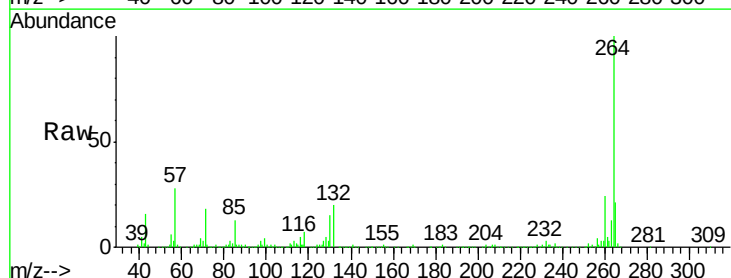
Manual Integrations
APPROVED

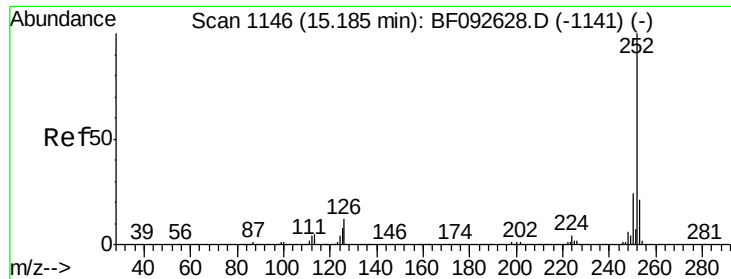
mohammad
3/3/2017 5:16:45 PM



#86
Perylene-d12
Concen: 20.00 ng
RT: 15.40 min Scan# 1165
Delta R.T. -0.00 min
Lab File: BF093332.D
Acq: 2 Mar 2017 20:32

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.2	28.8
265	21.2	17.4	26.0





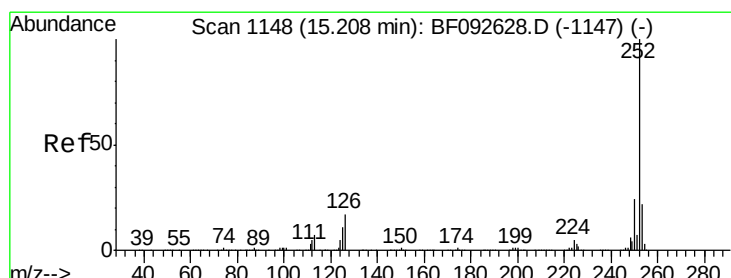
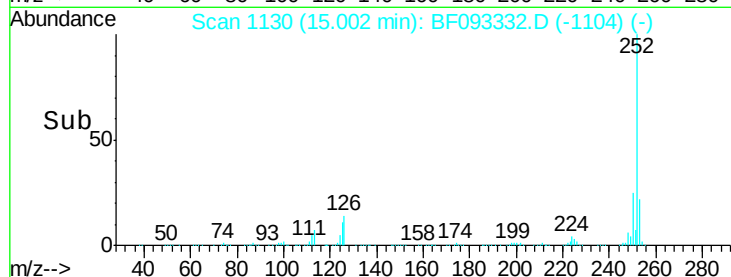
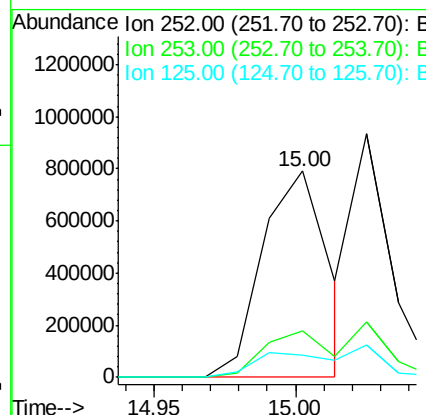
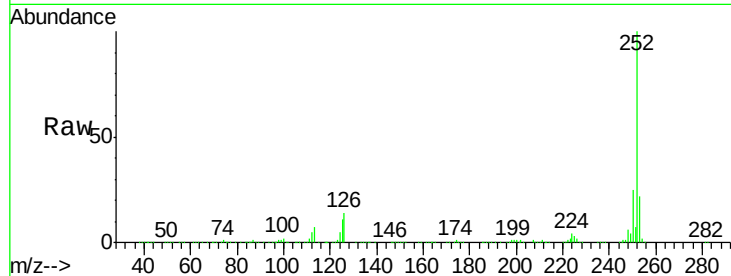
#87
Benzo(b)fluoranthene
Concen: 42.26 ng m
RT: 15.00 min Scan# 1130
Delta R.T. -0.00 min
Lab File: BF093332.D
Acq: 2 Mar 2017 20:32

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.3	18.2	27.4
125	10.6	9.8	14.6

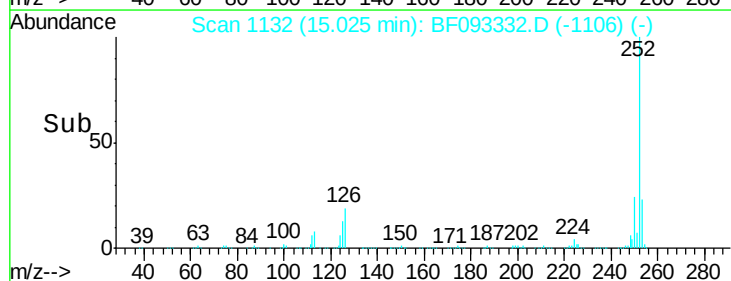
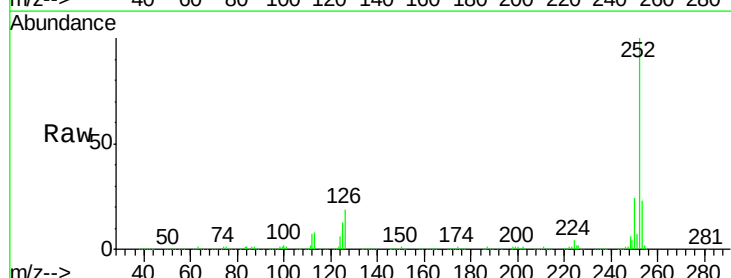
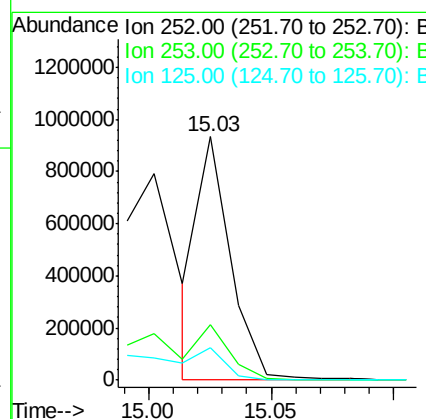
Manual Integrations
APPROVED

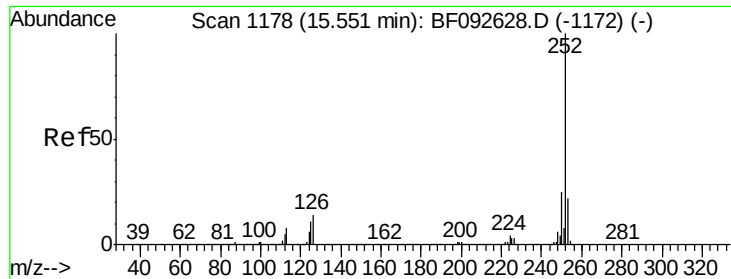
mohammad
3/3/2017 5:16:45 PM



#88
Benzo(k)fluoranthene
Concen: 33.39 ng m
RT: 15.03 min Scan# 1132
Delta R.T. -0.00 min
Lab File: BF093332.D
Acq: 2 Mar 2017 20:32

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.5	18.5	27.7
125	13.5	8.9	13.3#





#89

Benzo(a)pyrene

Concen: 39.21 ng

RT: 15.35 min Scan# 1160

Delta R.T. -0.00 min

Lab File: BF093332.D

Acq: 2 Mar 2017 20:32

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tgt Ion:252 Resp: 1018910

Ion Ratio Lower Upper

252 100

253 22.0 18.2 27.2

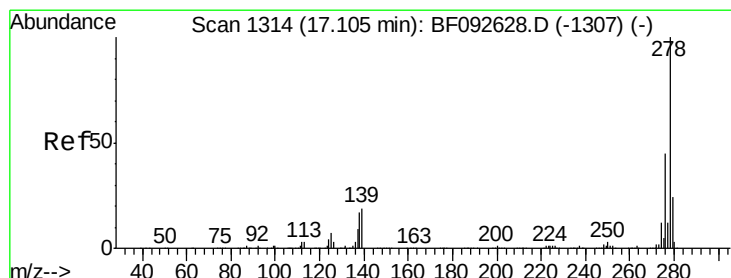
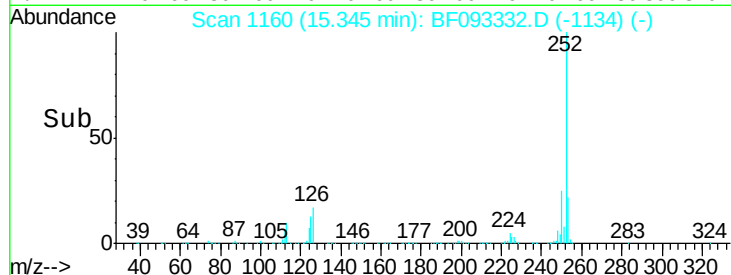
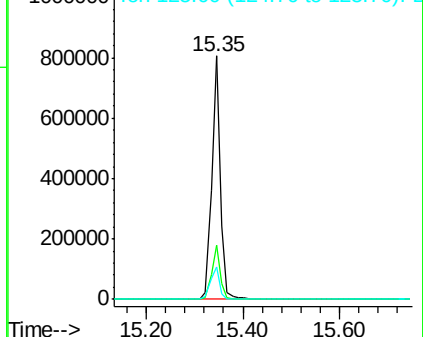
125 13.4 10.0 15.0

Manual Integrations
APPROVED

mohammad
3/3/2017 5:16:45 PM



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



#90

Dibenzo(a,h)anthracene

Concen: 36.53 ng

RT: 16.81 min Scan# 1288

Delta R.T. -0.00 min

Lab File: BF093332.D

Acq: 2 Mar 2017 20:32

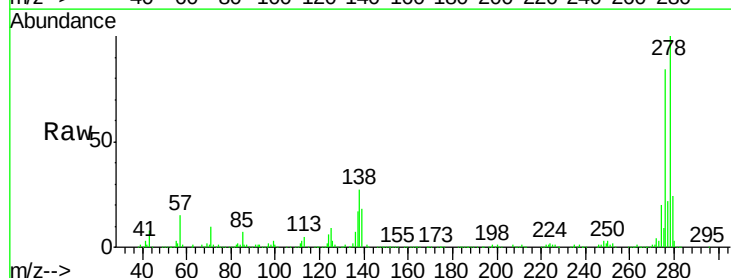
Tgt Ion:278 Resp: 767176

Ion Ratio Lower Upper

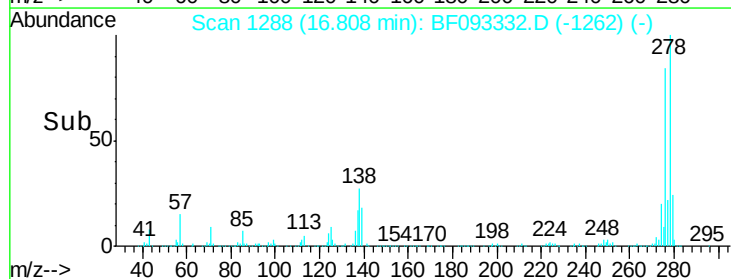
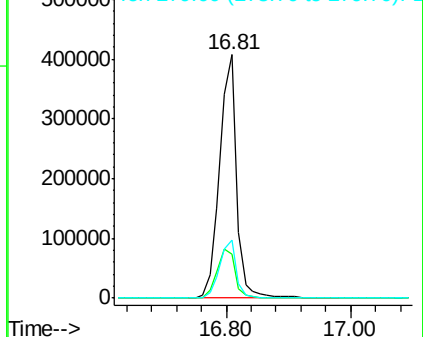
278 100

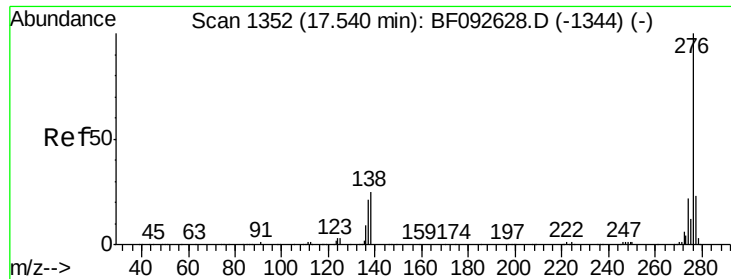
139 18.3 14.8 22.2

279 23.6 19.8 29.6



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





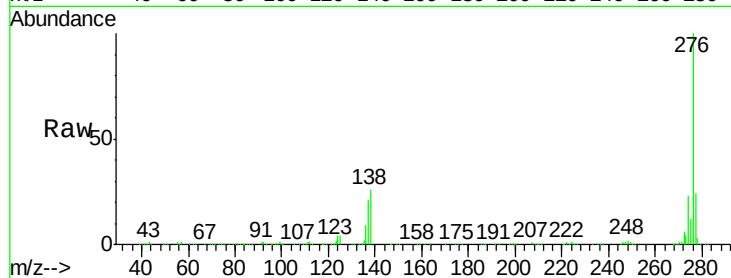
#91
 Benzo(g,h,i)perylene
 Concen: 36.87 ng
 RT: 17.22 min Scan# 1324
 Delta R.T. -0.00 min
 Lab File: BF093332.D
 Acq: 2 Mar 2017 20:32

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.9	19.2	28.8
138	25.6	16.0	24.0

Manual Integrations
 APPROVED

mohammad
 3/3/2017 5:16:45 PM



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

