

Data Path : Z:\HPCHEM1\BNA F\DATA\BF031317\
 Data File : BF093605.D
 Acq On : 13 Mar 2017 14:19
 Operator : SJ/MA
 Sample : I2174-19MS
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 D-64MS

Manual Integrations
 APPROVED

mohammad
 3/15/2017 5:37:33 PM

Quant Time: Mar 15 08:53:55 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF030717.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 13 15:05:08 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.71	152	168413	20.00	ng	-0.01
21) Naphthalene-d8	8.00	136	684415	20.00	ng	-0.01
38) Acenaphthene-d10	9.76	164	282478	20.00	ng	0.00
63) Phenanthrene-d10	11.25	188	497531	20.00	ng	0.00
75) Chrysene-d12	13.90	240	328324	20.00	ng	0.01
86) Perylene-d12	15.31	264	252565	20.00	ng	0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.32	112	1452489	143.54	ng	0.00
7) Phenol-d6	6.38	99	1689477	132.40	ng	0.00
23) Nitrobenzene-d5	7.29	82	1223093	99.15	ng	-0.01
41) 2,4,6-Tribromophenol	10.56	330	293613	159.54	ng	0.01
44) 2-Fluorobiphenyl	9.09	172	1762501	116.06	ng	0.00
78) Terphenyl-d14	12.84	244	1242310	98.38	ng	0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.33	88	234041	41.99	ng	# 72
3) Pyridine	3.04	79	286841m	20.19	ng	
4) n-Nitrosodimethylamine	2.94	42	308872	45.51	ng	82
6) Aniline	6.39	93	130441	7.45	ng	# 1
8) 2-Chlorophenol	6.50	128	513580	45.30	ng	98
9) Benzaldehyde	6.26	77	178794	18.65	ng	88
10) Phenol	6.39	94	688967	44.06	ng	# 76
11) bis(2-Chloroethyl)ether	6.45	93	569486	45.06	ng	88
12) 1,3-Dichlorobenzene	6.64	146	556135	42.86	ng	# 89
13) 1,4-Dichlorobenzene	6.72	146	577156	43.44	ng	99
14) 1,2-Dichlorobenzene	6.88	146	496223	42.17	ng	95
15) Benzyl Alcohol	6.87	79	463762	50.98	ng	95
16) 2,2'-oxybis(1-Chloropropan	7.00	45	930075	44.30	ng	55
17) 2-Methylphenol	7.00	107	451390	47.07	ng	# 84
18) Hexachloroethane	7.21	117	196333	43.82	ng	95
19) n-Nitroso-di-n-propylamine	7.13	70	422966	48.21	ng	89
20) 3+4-Methylphenols	7.16	107	651529	52.39	ng	# 71
22) Acetophenone	7.13	105	769410	46.72	ng	# 98
24) Nitrobenzene	7.30	77	627714	45.28	ng	98
25) Isophorone	7.54	82	1128073	45.35	ng	# 93
26) 2-Nitrophenol	7.62	139	296897	46.94	ng	94
27) 2,4-Dimethylphenol	7.68	122	459576	44.66	ng	96
28) bis(2-Chloroethoxy)methane	7.76	93	748718	47.68	ng	99
29) 2,4-Dichlorophenol	7.89	162	443664	45.83	ng	93
30) 1,2,4-Trichlorobenzene	7.94	180	457698	44.46	ng	94
31) Naphthalene	8.02	128	1561667	45.53	ng	99
32) Benzoic acid	7.85	122	297932	55.72	ng	95
33) 4-Chloroaniline	8.13	127	29490m	2.12	ng	
34) Hexachlorobutadiene	8.14	225	242915	45.81	ng	99
35) Caprolactam	8.48	113	124396m	37.63	ng	
36) 4-Chloro-3-methylphenol	8.60	107	476002	46.07	ng	90
37) 2-Methylnaphthalene	8.72	142	1017901	46.65	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.89	216	432471	56.07	ng	99
40) Hexachlorocyclopentadiene	8.87	237	261900	126.32	ng	98

Data Path : Z:\HPCHEM1\BNA F\DATA\BF031317\
 Data File : BF093605.D
 Acq On : 13 Mar 2017 14:19
 Operator : SJ/MA
 Sample : I2174-19MS
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 D-64MS

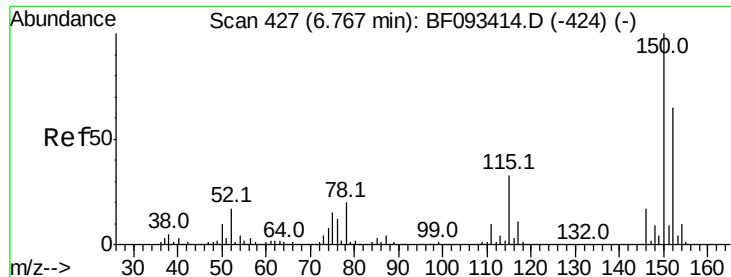
Manual Integrations
 APPROVED

mohammad
 3/15/2017 5:37:33 PM

Quant Time: Mar 15 08:53:55 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF030717.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 13 15:05:08 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.02	196	290645	60.31	nq	93
43) 2,4,5-Trichlorophenol	9.06	196	282451	54.62	nq	92
45) 1,1'-Biphenyl	9.19	154	1157294	56.24	nq	99
46) 2-Chloronaphthalene	9.21	162	968539	61.49	nq	98
47) 2-Nitroaniline	9.33	65	307960	55.31	nq	93
48) Acenaphthylene	9.62	152	1355009	52.16	nq	99
49) Dimethylphthalate	9.50	163	1060129	56.61	nq	100
50) 2,6-Dinitrotoluene	9.57	165	217285	52.88	nq	# 81
51) Acenaphthene	9.80	154	812384	52.88	nq	96
52) 3-Nitroaniline	9.75	138	43311	8.77	nq	# 89
53) 2,4-Dinitrophenol	9.86	184	248884	133.00	nq	# 73
54) Dibenzofuran	9.97	168	1115369	58.01	nq	100
55) 4-Nitrophenol	9.94	139	184362m	76.89	nq	
56) 2,4-Dinitrotoluene	9.98	165	279234	55.31	nq	92
57) Fluorene	10.31	166	829546	50.92	nq	97
58) 2,3,4,6-Tetrachlorophenol	10.10	232	227277	62.28	nq	92
59) Diethylphthalate	10.20	149	974098	54.42	nq	98
60) 4-Chlorophenyl-phenylether	10.30	204	402596	55.13	nq	96
61) 4-Nitroaniline	10.37	138	180186	35.69	nq	82
62) Azobenzene	10.47	77	1080421	53.12	nq	85
64) 4,6-Dinitro-2-methylphenol	10.40	198	152888	47.43	nq	91
65) n-Nitrosodiphenylamine	10.44	169	717733	43.20	nq	99
66) 4-Bromophenyl-phenylether	10.79	248	244795	46.53	nq	98
67) Hexachlorobenzene	10.86	284	235933	46.96	nq	# 75
68) Atrazine	10.96	200	161598	33.23	nq	99
69) Pentachlorophenol	11.08	266	192955	111.24	nq	97
70) Phenanthrene	11.27	178	1277799	44.99	nq	98
71) Anthracene	11.33	178	1292767	45.00	nq	98
72) Carbazole	11.49	167	1007580	37.34	nq	99
73) Di-n-butylphthalate	11.82	149	1530339	49.01	nq	# 96
74) Fluoranthene	12.47	202	1250600	45.59	nq	93
76) Benzidine	12.65	184	22866	2.12	nq	97
77) Pyrene	12.70	202	1212501	50.78	nq	98
79) Butylbenzylphthalate	13.32	149	517672	51.50	nq	# 73
80) Benzo(a)anthracene	13.89	228	913490	47.11	nq	99
81) 3,3'-Dichlorobenzidine	13.85	252	49205	7.25	nq	# 97
82) Chrysene	13.92	228	750308	41.83	nq	99
83) Bis(2-ethylhexyl)phthalate	13.87	149	662956	47.32	nq	# 99
84) Di-n-octyl phthalate	14.48	149	1158189	49.60	nq	97
85) Indeno(1,2,3-cd)pyrene	16.67	276	854822	56.93	nq	# 94
87) Benzo(b)fluoranthene	14.91	252	953158m	61.97	nq	
88) Benzo(k)fluoranthene	14.94	252	551575m	37.18	nq	
89) Benzo(a)pyrene	15.25	252	724686	51.55	nq	97
90) Dibenzo(a,h)anthracene	16.67	278	729350	62.71	nq	96
91) Benzo(g,h,i)perylene	17.08	276	758149	63.51	nq	# 92

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



#1

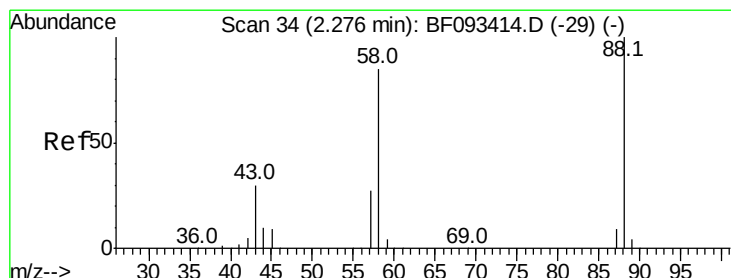
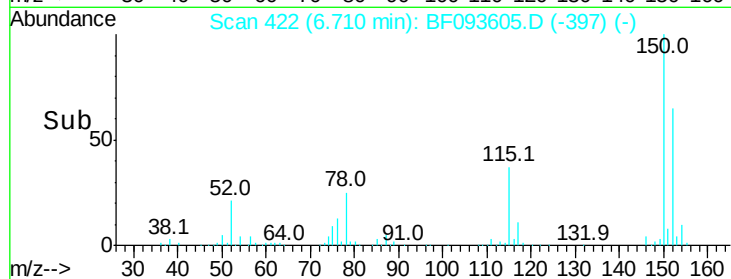
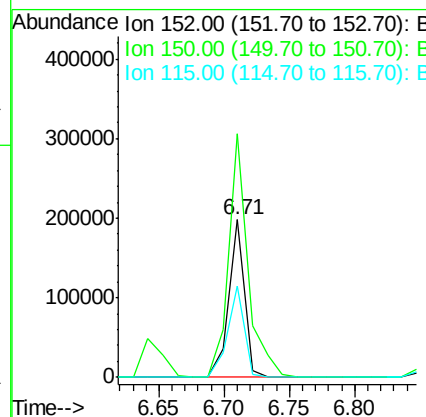
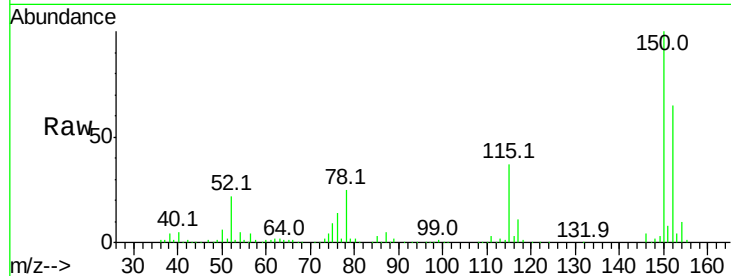
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.71 min Scan# 422
Delta R.T. -0.01 min
Lab File: BF093605.D
Acq: 13 Mar 2017 14:19

Instrument :
BNA_F
ClientSampled :
D-64MS

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.5	124.9	187.3
115	57.8	46.0	69.0

Manual Integrations
APPROVED

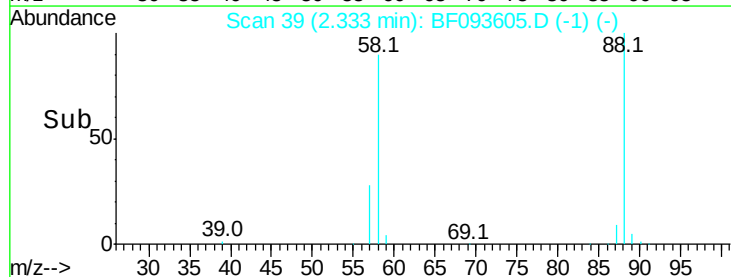
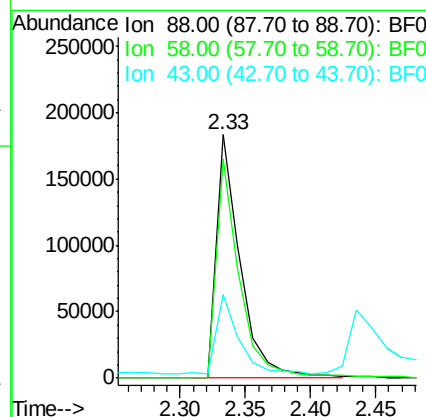
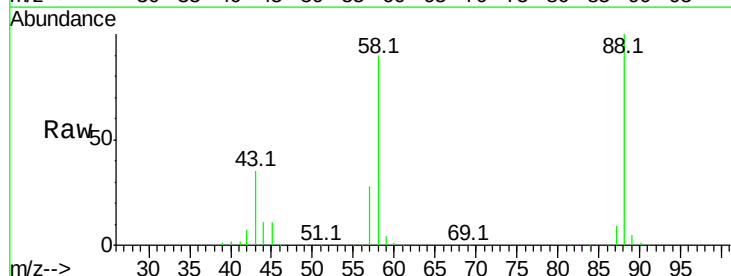
mohammad
3/15/2017 5:37:33 PM

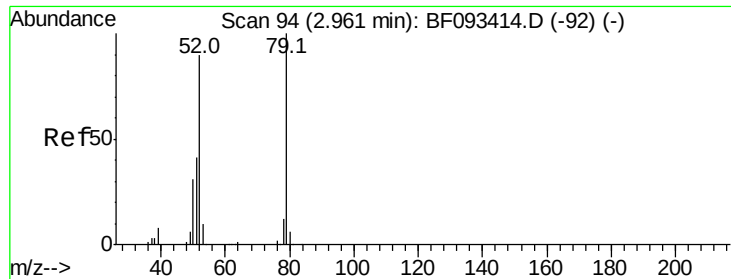


#2

1,4-Dioxane
Concen: 41.99 ng
RT: 2.33 min Scan# 39
Delta R.T. 0.15 min
Lab File: BF093605.D
Acq: 13 Mar 2017 14:19

Tgt Ion	Ratio	Lower	Upper
88	100		
58	88.1	57.8	86.8#
43	0.0	22.3	33.5#





#3

Pvridine

Concen: 20.19 ng/ml

RT: 3.04 min Scan# 101

Delta R.T. 0.18 min

Lab File: BF093605.D

Acq: 13 Mar 2017 14:19

Instrument :

BNA_F

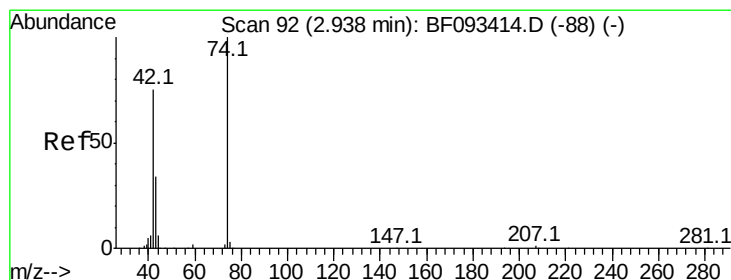
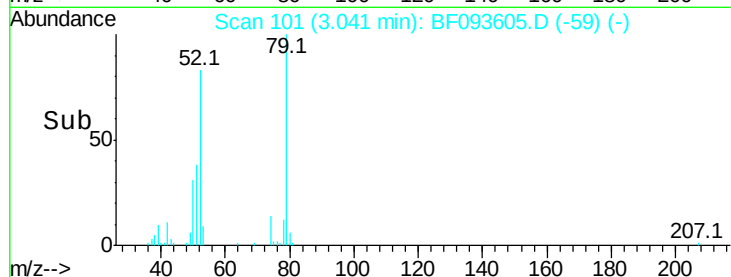
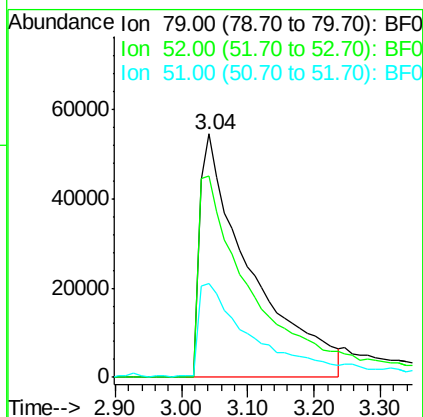
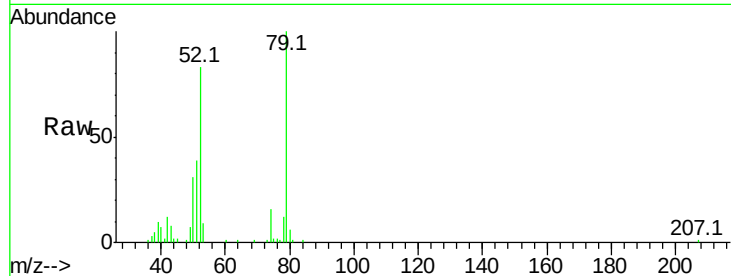
ClientSampleId :

D-64MS

Tot Ion:	79	Resp:	286841
Ion Ratio	Lower	Upper	
79	100		
52	82.9	57.1	85.7
51	38.6	27.3	40.9

Manual Integrations
APPROVED

mohammad
3/15/2017 5:37:33 PM



#4

n-Nitrosodimethylamine

Concen: 45.51 ng/ml

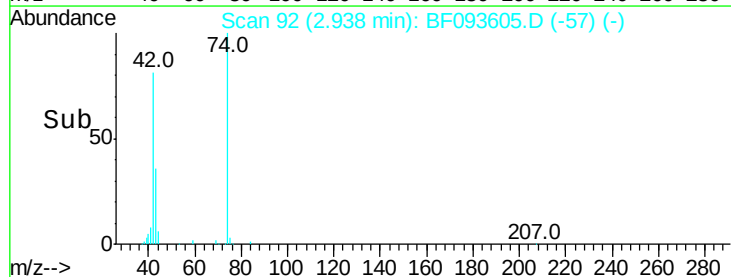
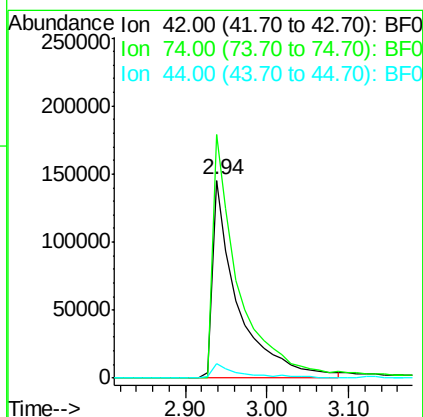
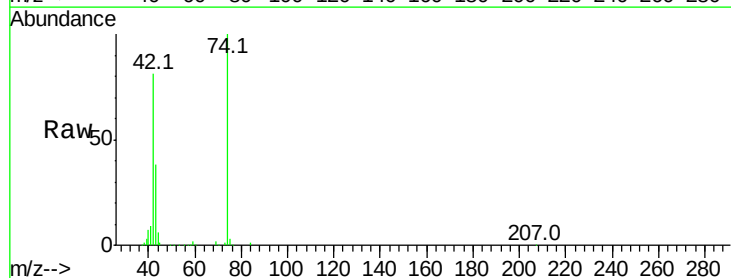
RT: 2.94 min Scan# 92

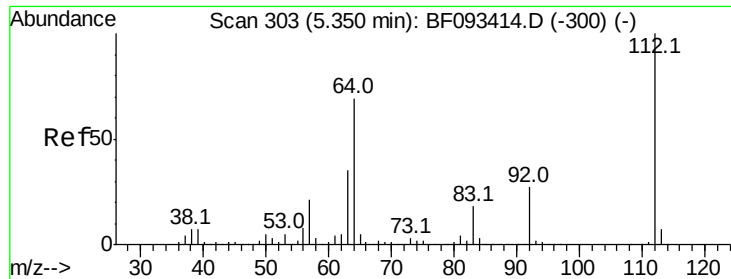
Delta R.T. 0.10 min

Lab File: BF093605.D

Acq: 13 Mar 2017 14:19

Tgt Ion:	42	Resp:	308872
Ion Ratio	Lower	Upper	
42	100		
74	123.2	117.0	175.4
44	7.5	5.5	8.3





#5

2-Fluorophenol

Concen: 143.54 ng

RT: 5.32 min Scan# 300

Delta R.T. -0.00 min

Lab File: BF093605.D

Acq: 13 Mar 2017 14:19

Instrument :

BNA_F

ClientSampleId :

D-64MS

Tot Ion: 112 Resp: 1452489

Ion Ratio Lower Upper

112 100

64 74.2 46.1 69.1#

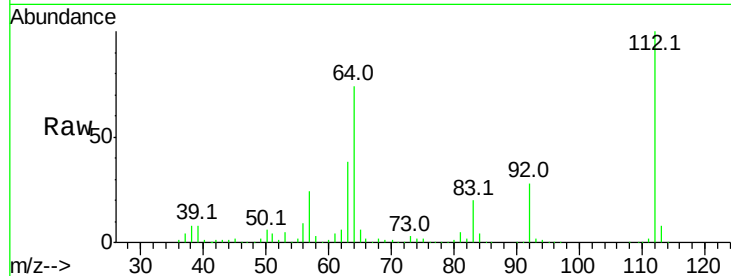
63 37.8 23.8 35.6#

Manual Integrations

APPROVED

mohammad

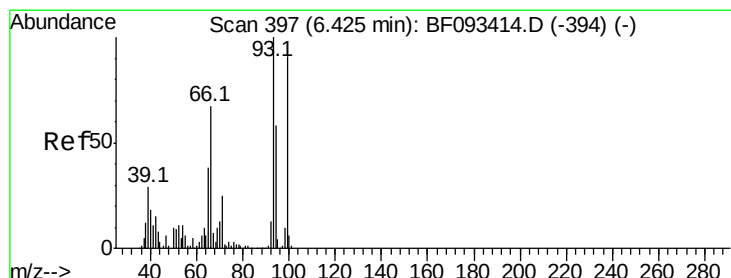
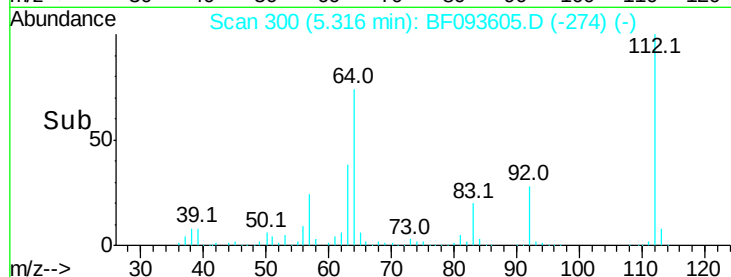
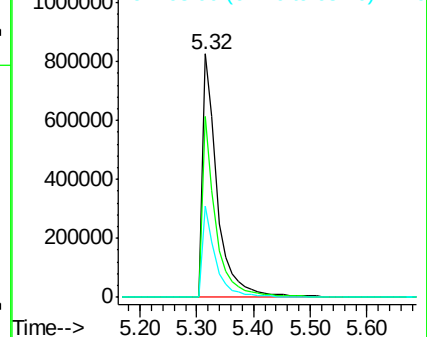
3/15/2017 5:37:33 PM



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 7.45 ng

RT: 6.39 min Scan# 394

Delta R.T. -0.00 min

Lab File: BF093605.D

Acq: 13 Mar 2017 14:19

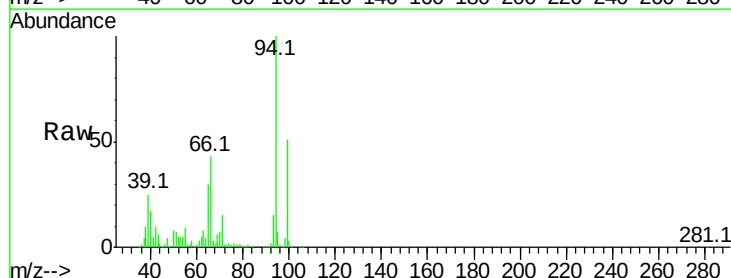
Tgt Ion: 93 Resp: 130441

Ion Ratio Lower Upper

93 100

66 287.7 76.2 114.2#

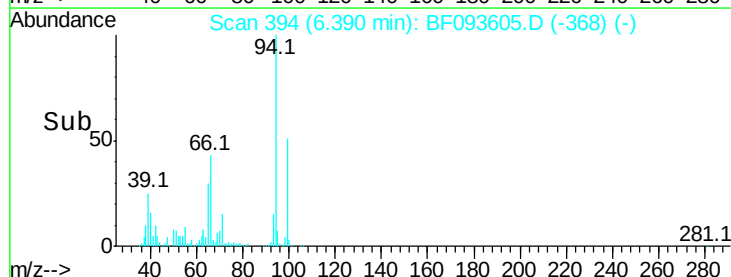
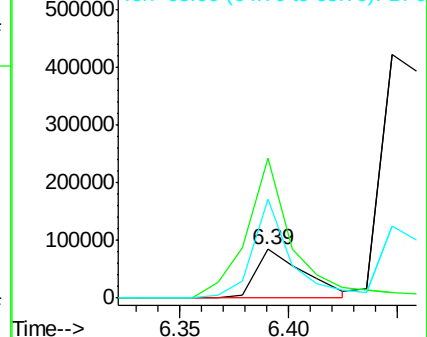
65 201.6 49.3 73.9#

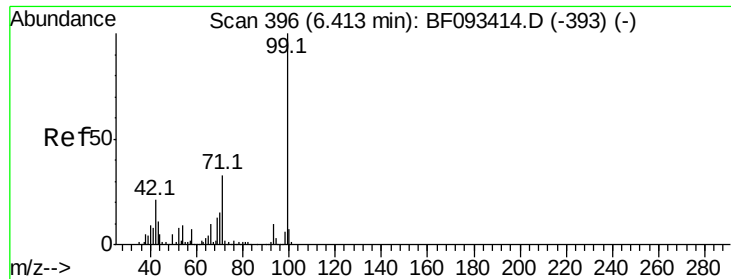


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 132.40 ng

RT: 6.38 min Scan# 393

Delta R.T. -0.00 min

Lab File: BF093605.D

Acq: 13 Mar 2017 14:19

Instrument :

BNA_F

ClientSampleId :

D-64MS

Tot Ion: 99 Resp: 1689477

Ion Ratio Lower Upper

99 100

42 19.2 15.6 23.4

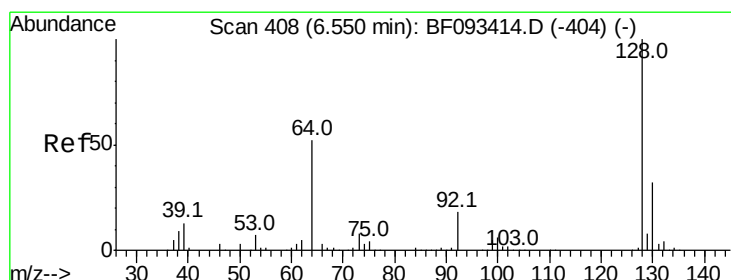
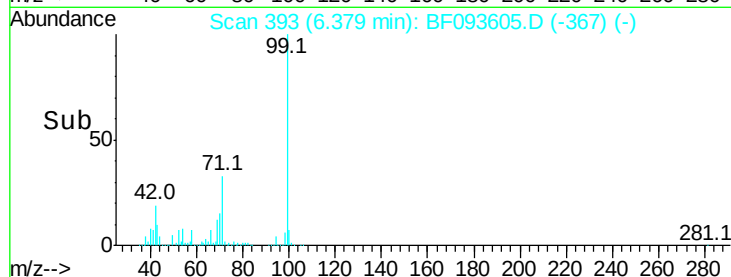
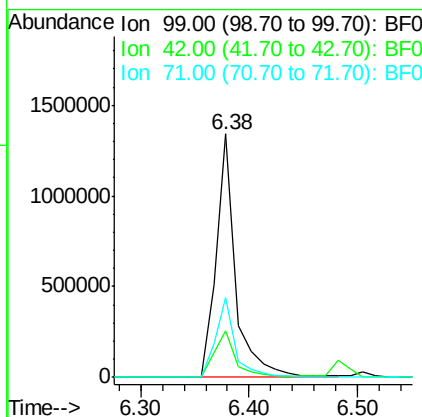
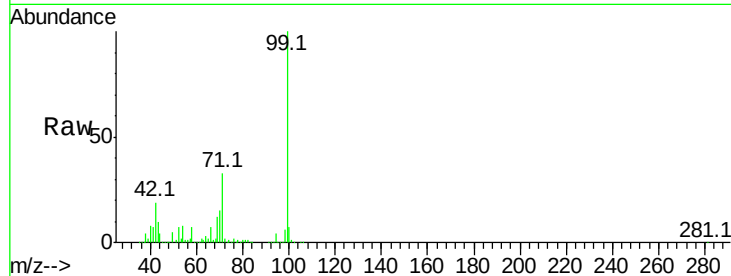
71 32.8 27.5 41.3

Manual Integrations

APPROVED

mohammad

3/15/2017 5:37:33 PM



#8

2-Chlorophenol

Concen: 45.30 ng

RT: 6.50 min Scan# 404

Delta R.T. -0.00 min

Lab File: BF093605.D

Acq: 13 Mar 2017 14:19

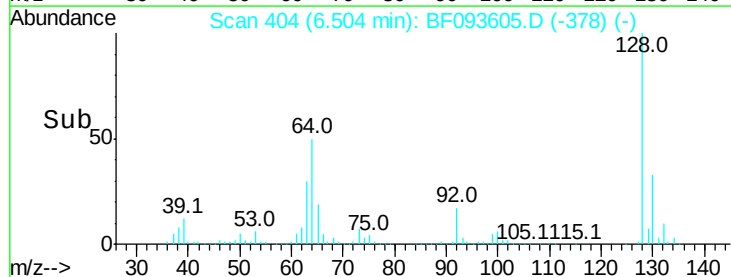
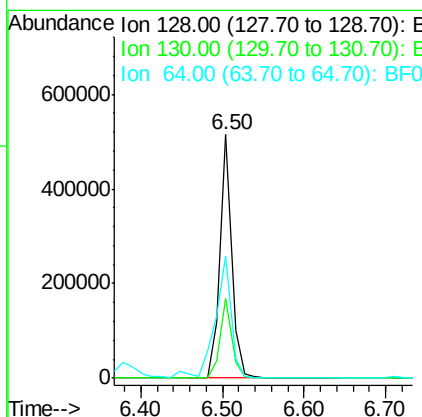
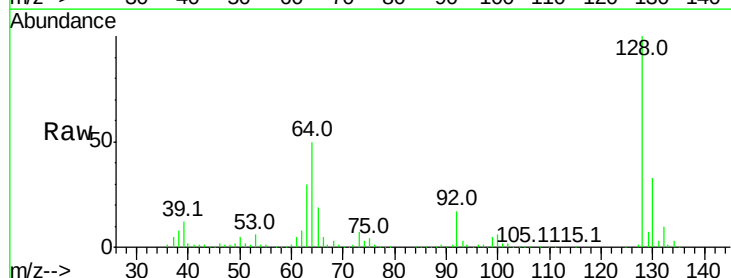
Tgt Ion:128 Resp: 513580

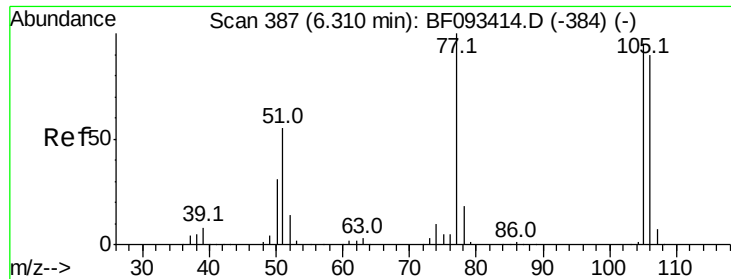
Ion Ratio Lower Upper

128 100

130 33.0 12.3 52.3

64 50.1 32.2 72.2





#9

Benzaldehyde

Concen: 18.65 ng

RT: 6.26 min Scan# 383

Delta R.T. -0.01 min

Lab File: BF093605.D

Acq: 13 Mar 2017 14:19

Instrument :

BNA_F

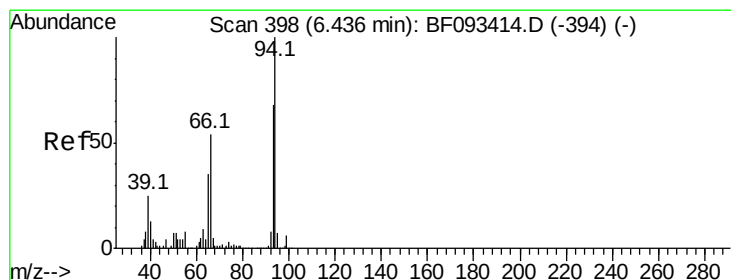
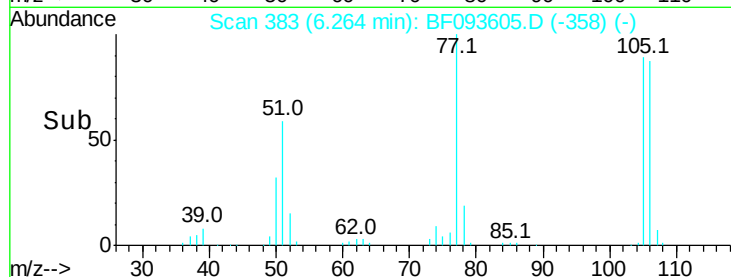
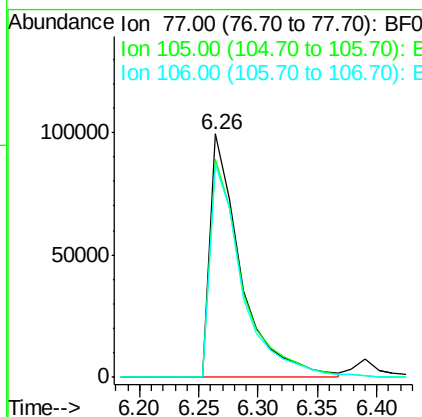
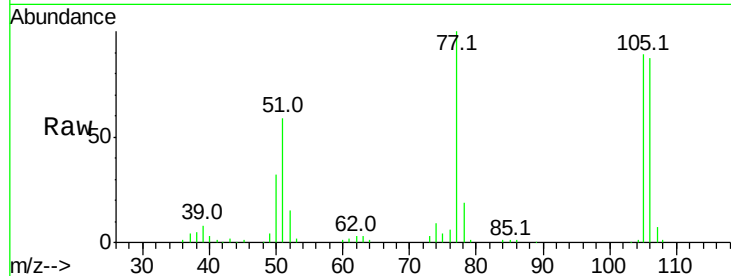
ClientSampleId :

D-64MS

Tot Ion:	77	Resp:	178794
Ion Ratio	Lower	Upper	
77	100		
105	89.5	83.9	123.9
106	87.4	77.6	117.6

Manual Integrations
APPROVED

mohammad
3/15/2017 5:37:33 PM



#10

Phenol

Concen: 44.06 ng

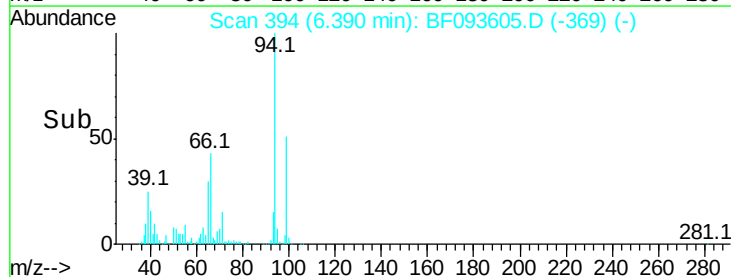
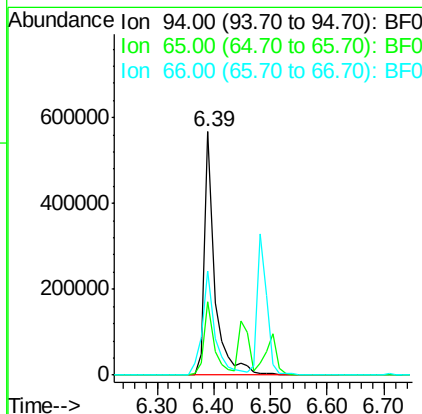
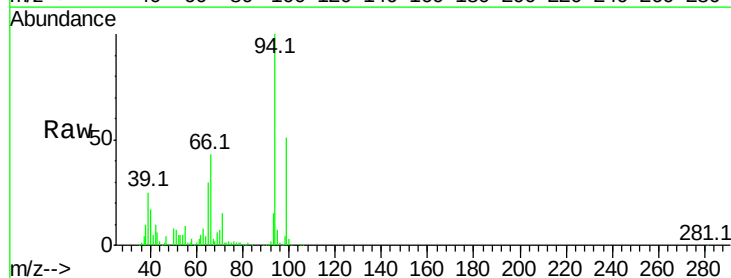
RT: 6.39 min Scan# 394

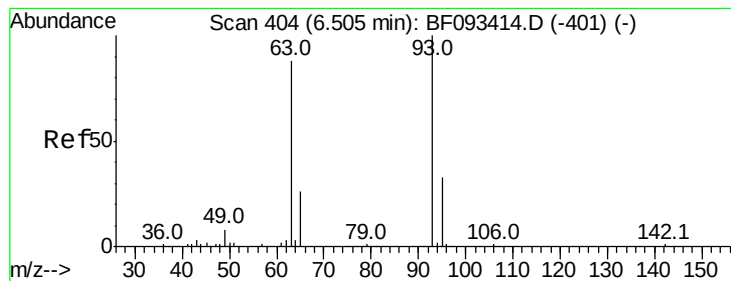
Delta R.T. -0.01 min

Lab File: BF093605.D

Acq: 13 Mar 2017 14:19

Tgt Ion:	94	Resp:	688967
Ion Ratio	Lower	Upper	
94	100		
65	30.0	21.4	61.4
66	42.8	44.0	84.0#





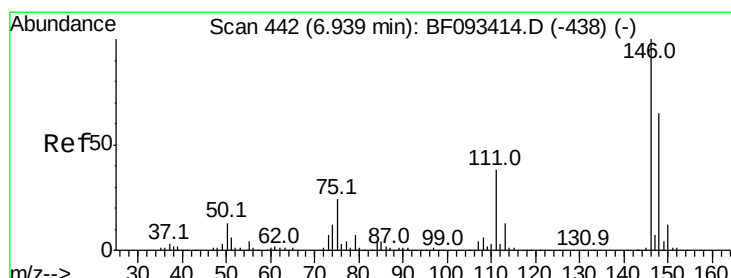
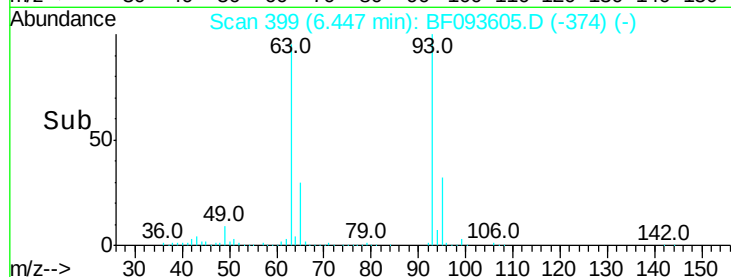
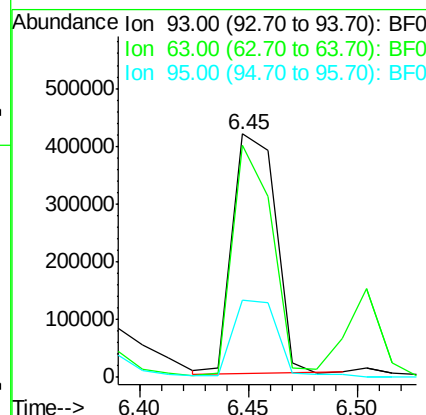
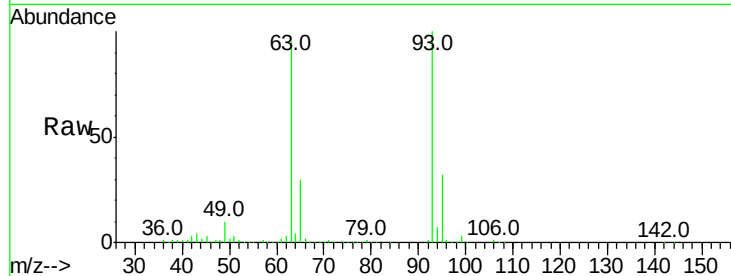
#11
bis(2-Chloroethyl)ether
Concen: 45.06 ng
RT: 6.45 min Scan# 399
Delta R.T. -0.01 min
Lab File: BF093605.D
Acq: 13 Mar 2017 14:19

Instrument :
BNA_F
ClientSampleId :
D-64MS

Tot Ion	Ratio	Lower	Upper
93	100		
63	95.2	60.4	100.4
95	31.8	12.8	52.8

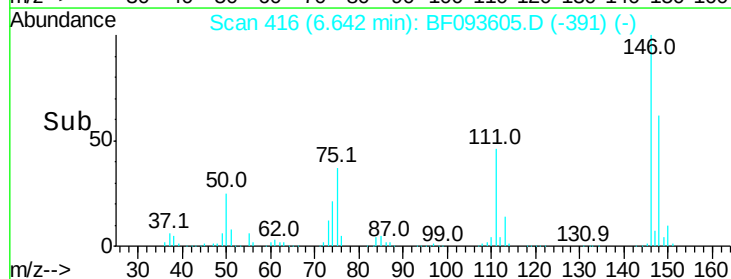
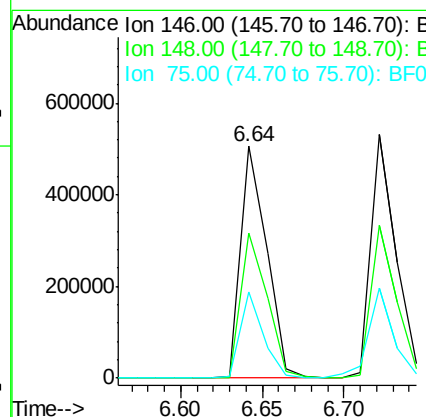
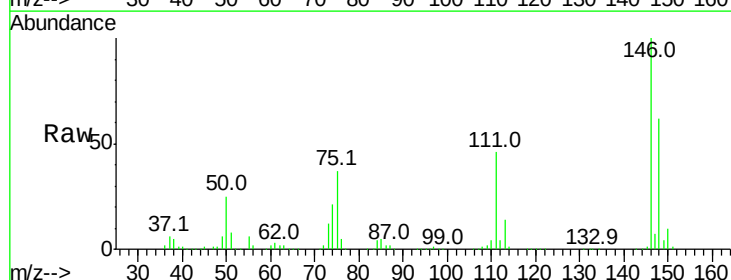
Manual Integrations
APPROVED

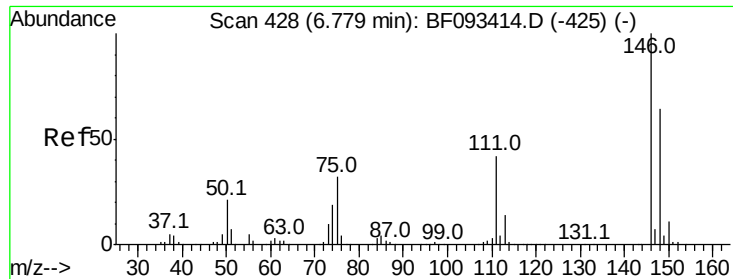
mohammad
3/15/2017 5:37:33 PM



#12
1,3-Dichlorobenzene
Concen: 42.86 ng
RT: 6.64 min Scan# 416
Delta R.T. -0.01 min
Lab File: BF093605.D
Acq: 13 Mar 2017 14:19

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.4	53.4	80.0
75	37.1	18.5	27.7





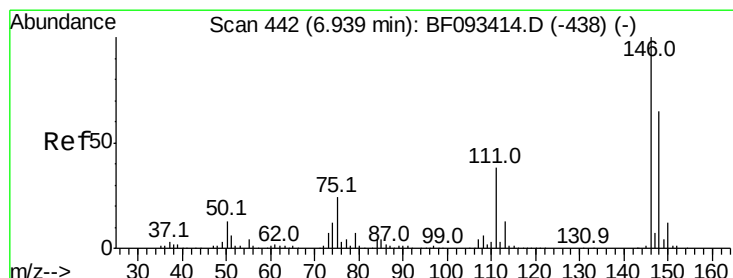
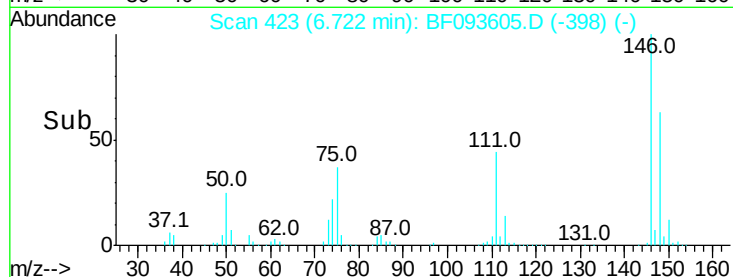
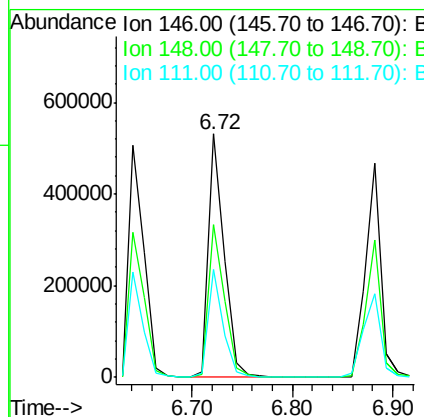
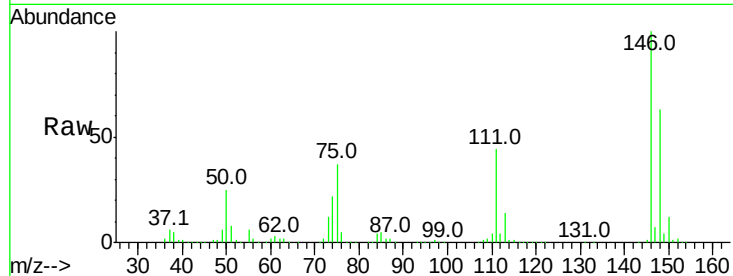
#13
 1,4-Dichlorobenzene
 Concen: 43.44 ng
 RT: 6.72 min Scan# 423
 Delta R.T. -0.01 min
 Lab File: BF093605.D
 Acq: 13 Mar 2017 14:19

Instrument :
 BNA_F
 ClientSampleId :
 D-64MS

Tot Ion	Ratio	Lower	Upper
146	100		
148	62.8	50.6	76.0
111	44.2	36.2	54.4

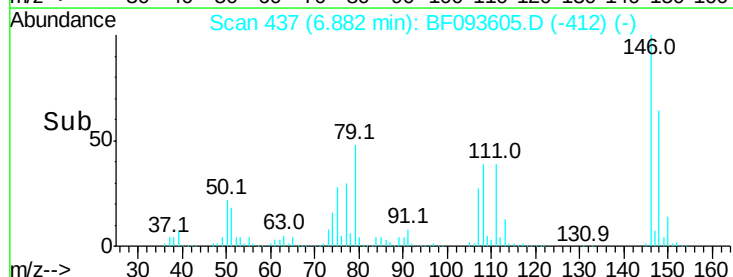
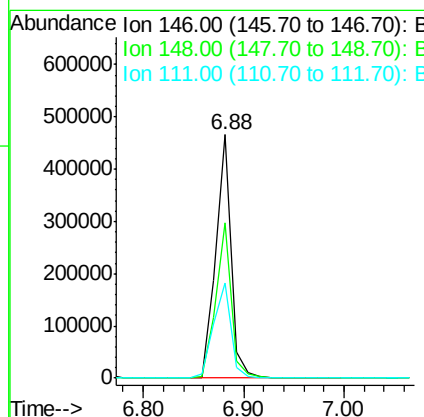
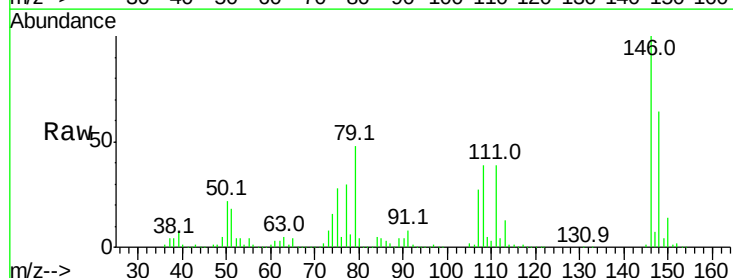
Manual Integrations
 APPROVED

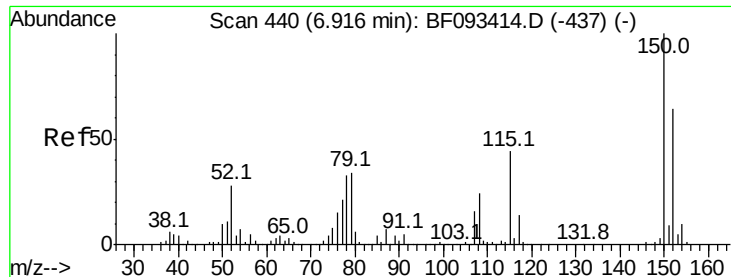
mohammad
 3/15/2017 5:37:33 PM



#14
 1,2-Dichlorobenzene
 Concen: 42.17 ng
 RT: 6.88 min Scan# 437
 Delta R.T. -0.01 min
 Lab File: BF093605.D
 Acq: 13 Mar 2017 14:19

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.0	52.2	78.2
111	39.2	36.2	54.2





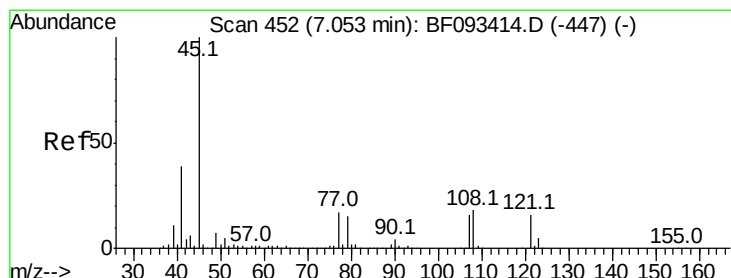
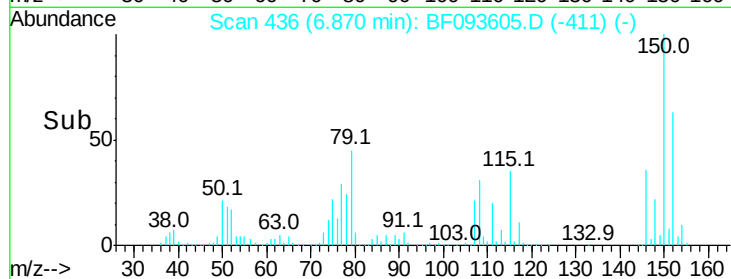
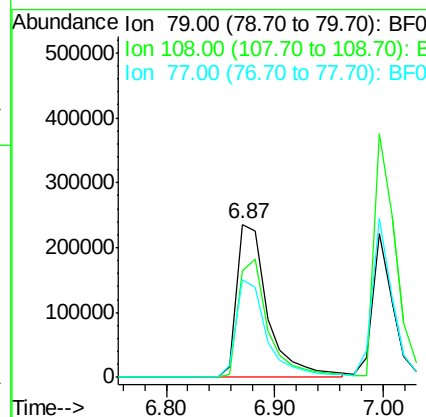
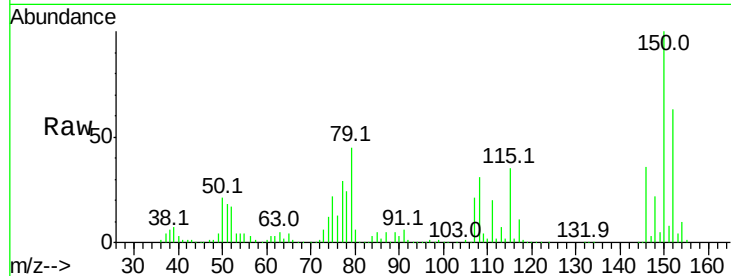
#15
Benzyl Alcohol
Concen: 50.98 ng
RT: 6.87 min Scan# 436
Delta R.T. -0.01 min
Lab File: BF093605.D
Acq: 13 Mar 2017 14:19

Instrument :
BNA_F
ClientSampled :
D-64MS

Tot Ion	Ratio	Lower	Upper
79	100		
108	69.2	61.4	92.0
77	63.9	50.9	76.3

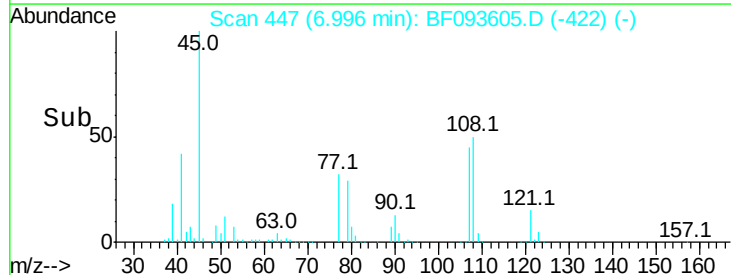
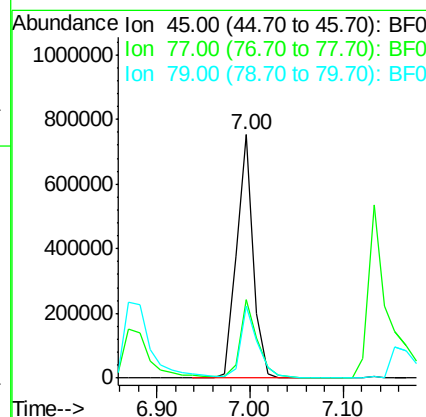
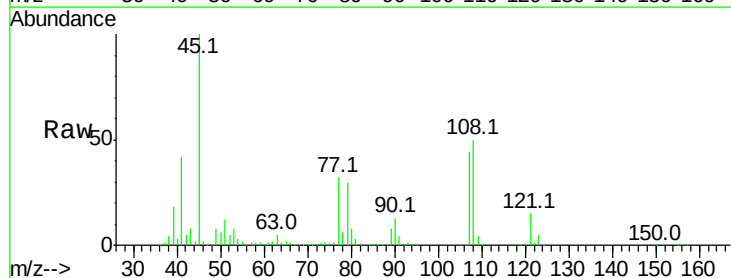
Manual Integrations
APPROVED

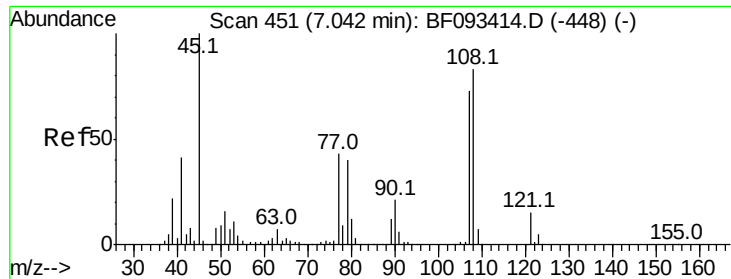
mohammad
3/15/2017 5:37:33 PM



#16
2,2'-oxybis(1-Chloropropane)
Concen: 44.30 ng
RT: 7.00 min Scan# 447
Delta R.T. -0.01 min
Lab File: BF093605.D
Acq: 13 Mar 2017 14:19

Tgt Ion	Ratio	Lower	Upper
45	100		
77	32.5	0.0	34.6
79	29.5	0.0	31.2





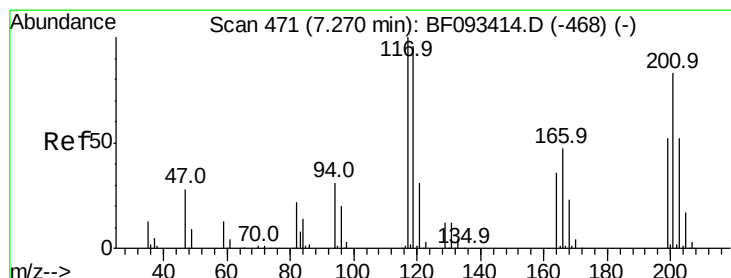
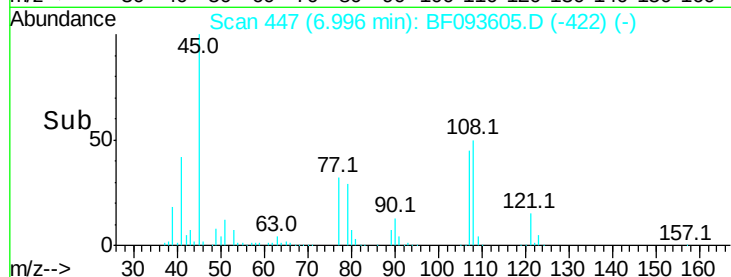
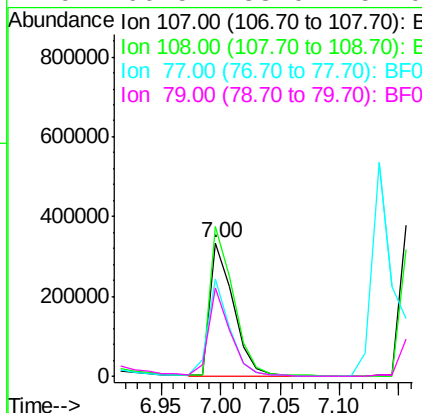
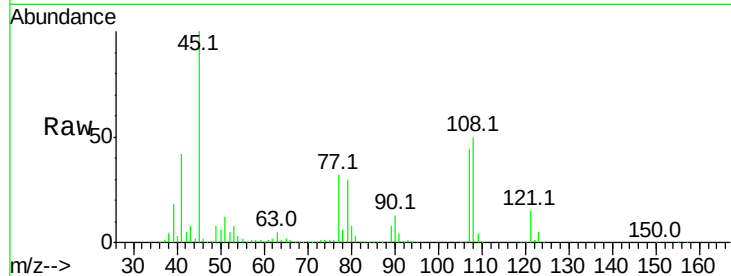
#17
2-Methylphenol
Concen: 47.07 ng
RT: 7.00 min Scan# 447
Delta R.T. -0.01 min
Lab File: BF093605.D
Acq: 13 Mar 2017 14:19

Instrument :
BNA_F
ClientSampled :
D-64MS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	112.2	93.0	139.6	
77	73.1	39.8	59.8	
79	66.5	38.0	57.0	

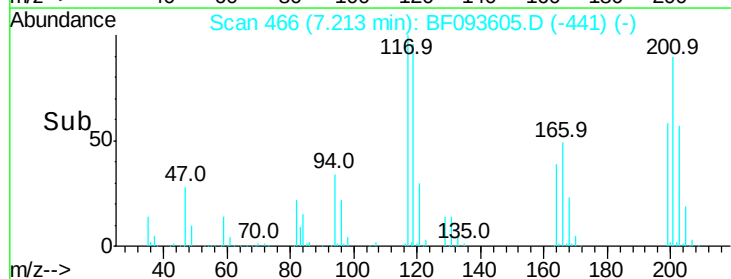
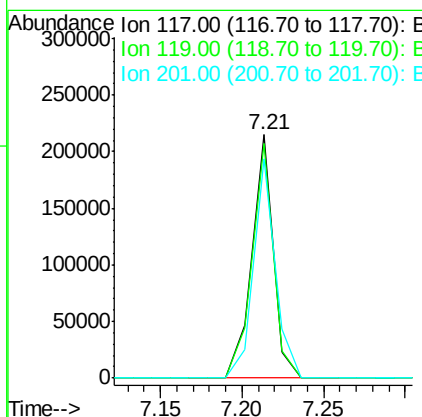
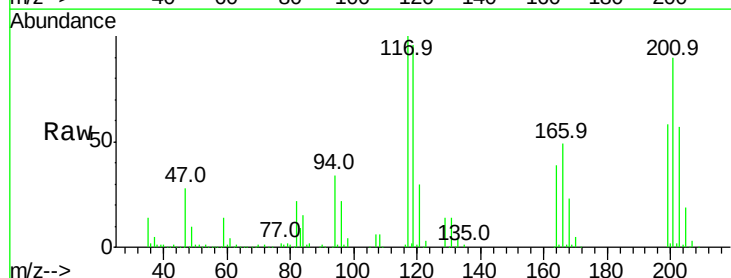
Manual Integrations
APPROVED

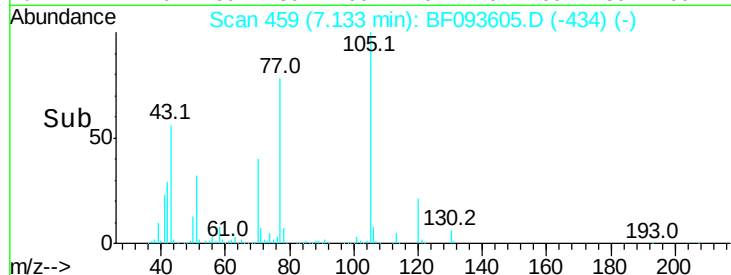
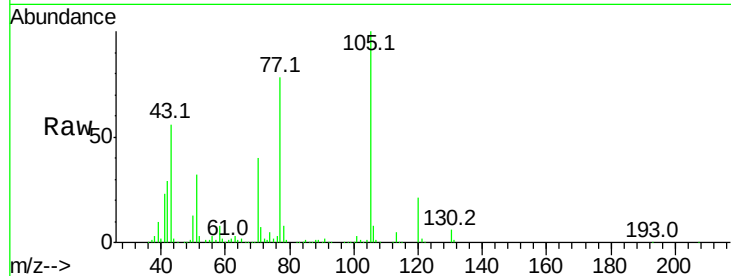
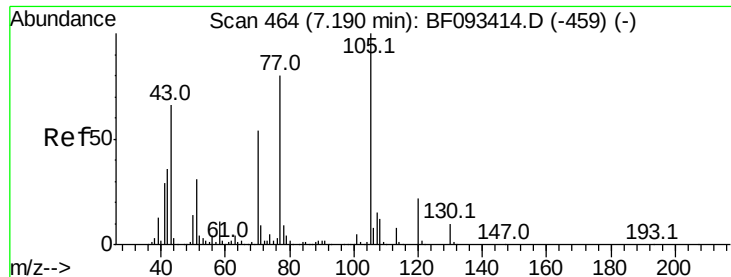
mohammad
3/15/2017 5:37:33 PM



#18
Hexachloroethane
Concen: 43.82 ng
RT: 7.21 min Scan# 466
Delta R.T. -0.01 min
Lab File: BF093605.D
Acq: 13 Mar 2017 14:19

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	96.4	78.1	117.1	
201	90.3	78.6	117.8	





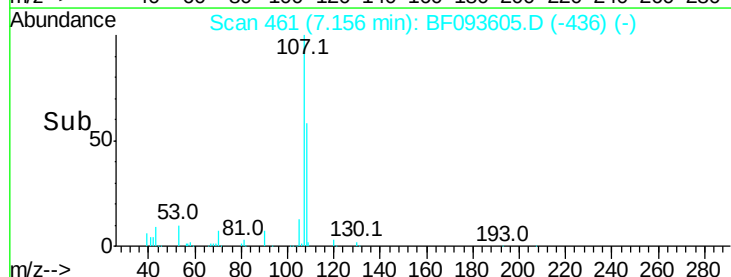
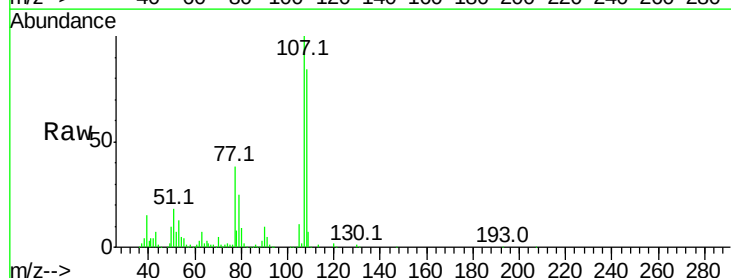
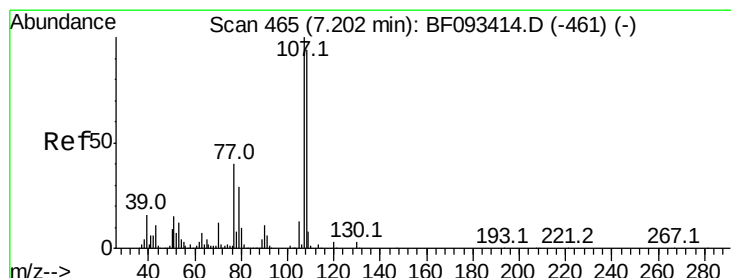
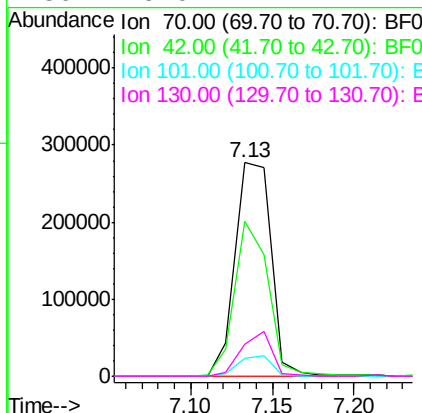
#19
n-Nitroso-di-n-propylamine
Concen: 48.21 ng
RT: 7.13 min Scan# 459
Delta R.T. -0.01 min
Lab File: BF093605.D
Acq: 13 Mar 2017 14:19

Instrument :
BNA_F
ClientSampleId :
D-64MS

Tot Ion	Ratio	Lower	Upper
70	100		
42	72.4	49.4	74.0
101	8.6	7.4	11.2
130	15.0	14.2	21.4

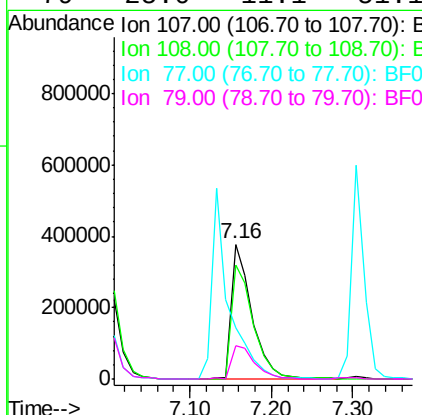
Manual Integrations
APPROVED

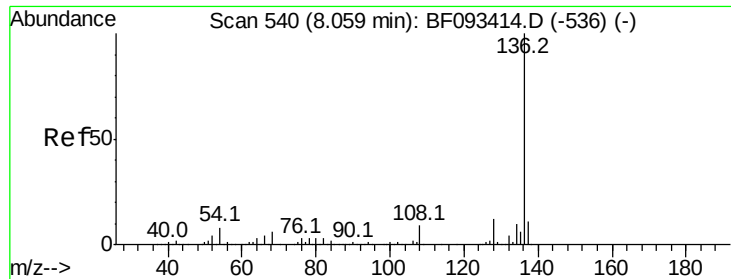
mohammad
3/15/2017 5:37:33 PM



#20
3+4-Methylphenols
Concen: 52.39 ng
RT: 7.16 min Scan# 461
Delta R.T. -0.01 min
Lab File: BF093605.D
Acq: 13 Mar 2017 14:19

Tgt Ion	Ratio	Lower	Upper
107	100		
108	84.1	73.0	113.0
77	37.8	71.3	111.3
79	25.0	11.1	51.1





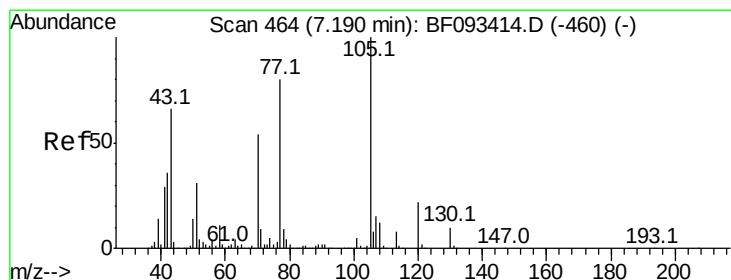
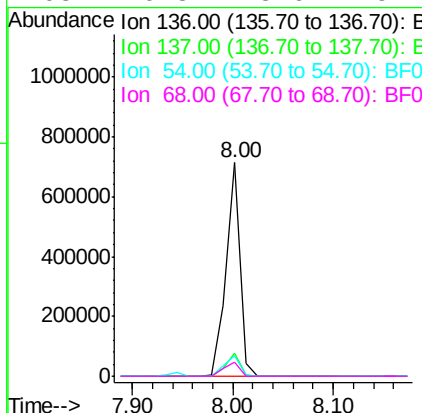
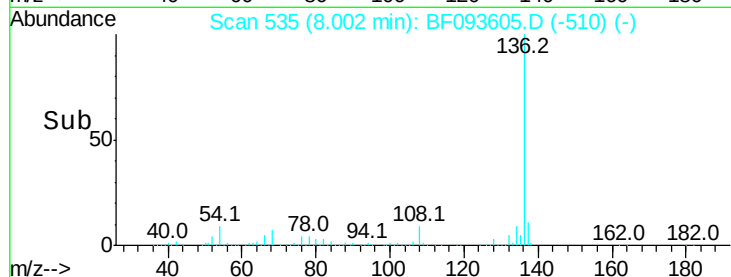
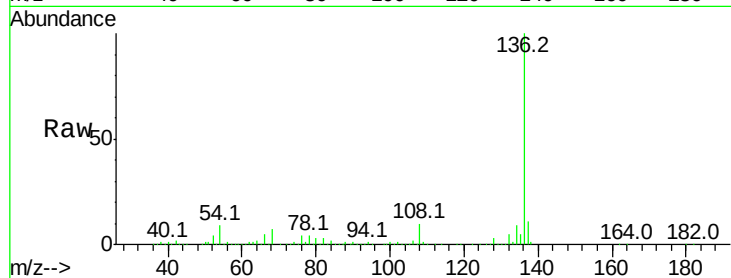
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.00 min Scan# 535
Delta R.T. -0.01 min
Lab File: BF093605.D
Acq: 13 Mar 2017 14:19

Instrument :
BNA_F
ClientSampled :
D-64MS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	684415		
137	10.8	8.4	12.6	
54	9.3	4.5	6.7#	
68	6.8	3.6	5.4#	

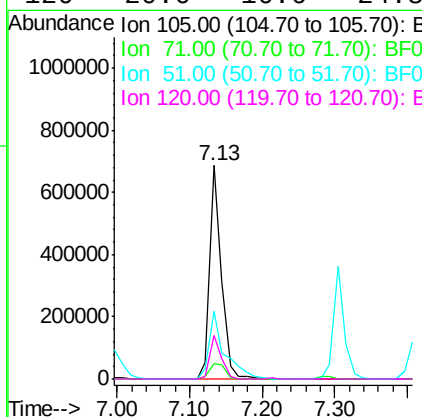
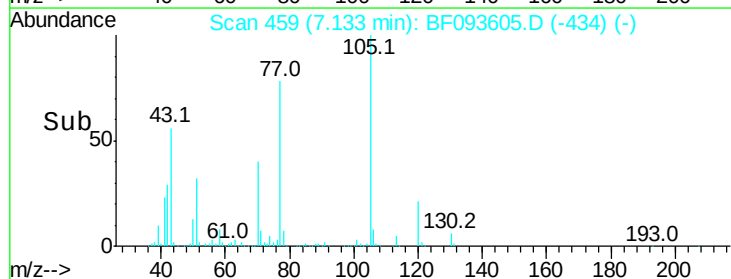
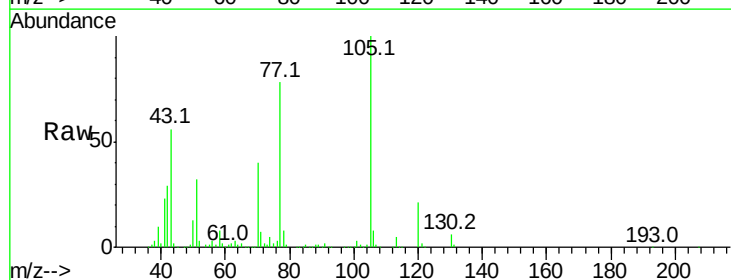
Manual Integrations
APPROVED

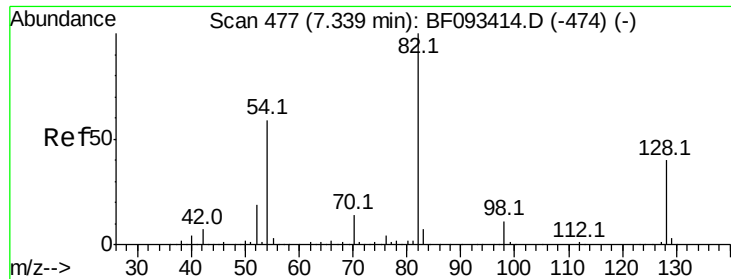
mohammad
3/15/2017 5:37:33 PM



#22
Acetophenone
Concen: 46.72 ng
RT: 7.13 min Scan# 459
Delta R.T. -0.01 min
Lab File: BF093605.D
Acq: 13 Mar 2017 14:19

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	769410		
71	6.9	3.2	4.8#	
51	31.8	26.2	39.4	
120	20.6	16.6	24.8	





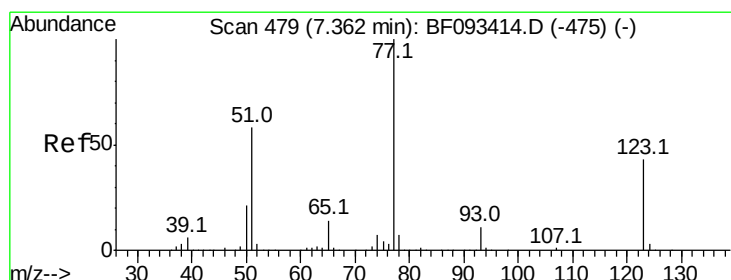
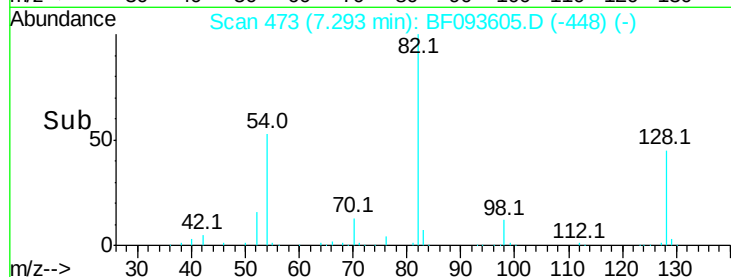
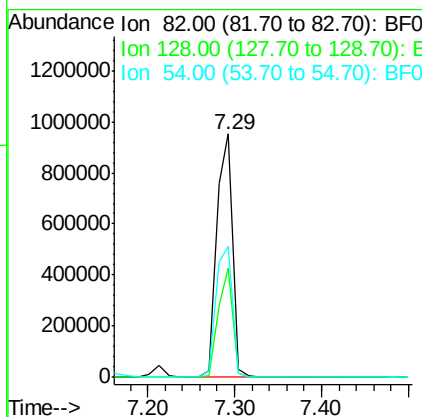
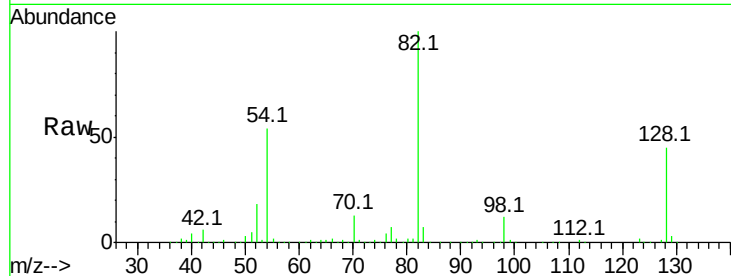
#23
Nitrobenzene-d5
Concen: 99.15 ng
RT: 7.29 min Scan# 473
Delta R.T. -0.01 min
Lab File: BF093605.D
Acq: 13 Mar 2017 14:19

Instrument :
BNA_F
ClientSampled :
D-64MS

Tot Ion: 82 Resp: 1223093
Ion Ratio Lower Upper
82 100
128 44.9 34.6 52.0
54 53.9 39.5 59.3

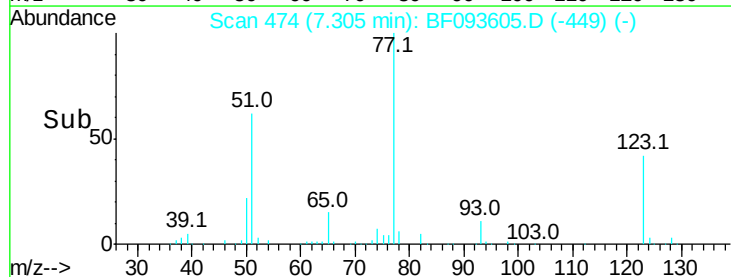
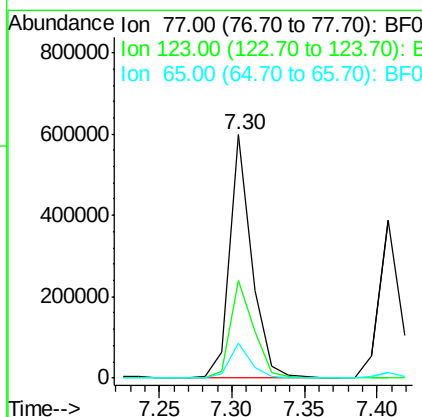
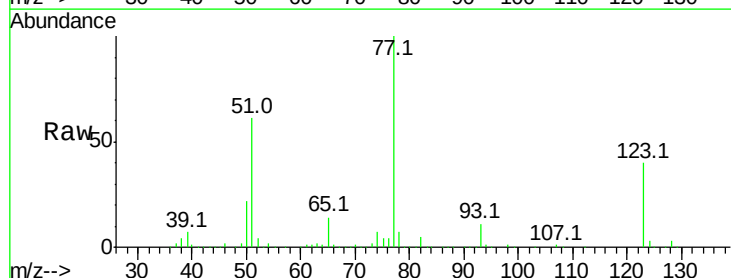
Manual Integrations
APPROVED

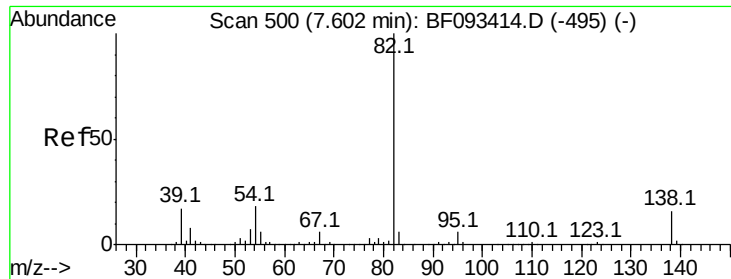
mohammad
3/15/2017 5:37:33 PM



#24
Nitrobenzene
Concen: 45.28 ng
RT: 7.30 min Scan# 474
Delta R.T. -0.01 min
Lab File: BF093605.D
Acq: 13 Mar 2017 14:19

Tgt Ion: 77 Resp: 627714
Ion Ratio Lower Upper
77 100
123 40.0 33.0 49.4
65 14.2 11.2 16.8





#25

Isophorone

Concen: 45.35 ng

RT: 7.54 min Scan# 495

Delta R.T. -0.01 min

Lab File: BF093605.D

Acq: 13 Mar 2017 14:19

Instrument :

BNA_F

ClientSampleId :

D-64MS

Tot Ion: 82 Resp: 1128073

Ion Ratio Lower Upper

82 100

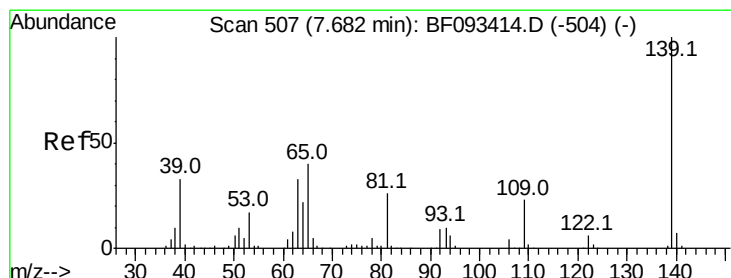
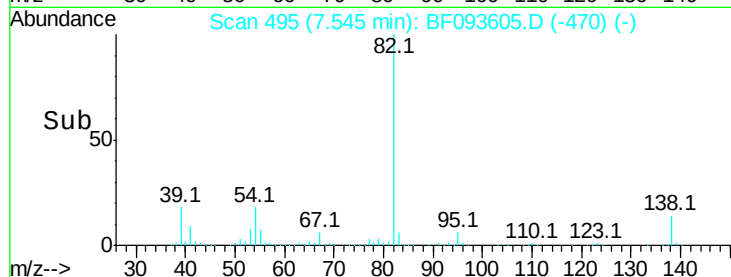
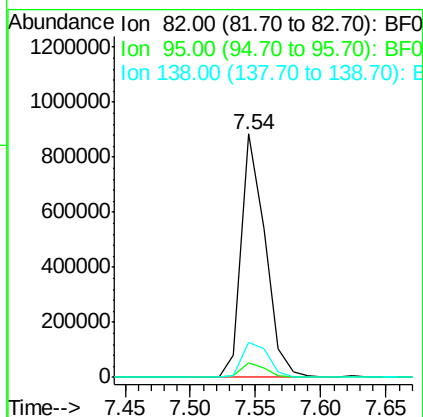
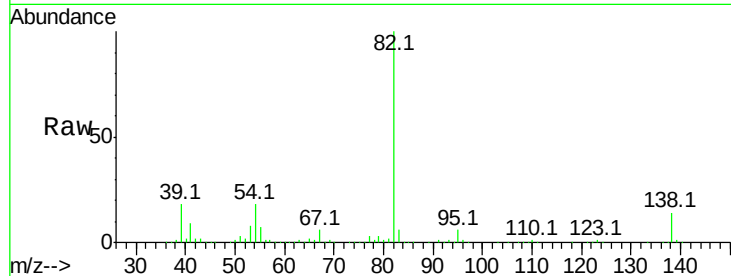
95 6.2 5.6 8.4

138 14.2 14.6 22.0#

Manual Integrations
APPROVED

mohammad

3/15/2017 5:37:33 PM



#26

2-Nitrophenol

Concen: 46.94 ng

RT: 7.62 min Scan# 502

Delta R.T. -0.01 min

Lab File: BF093605.D

Acq: 13 Mar 2017 14:19

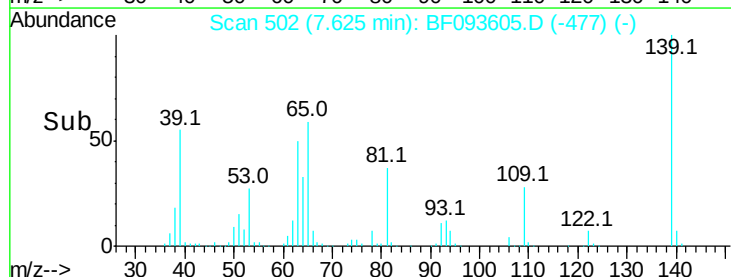
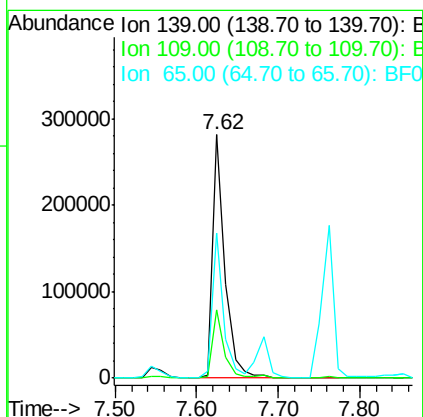
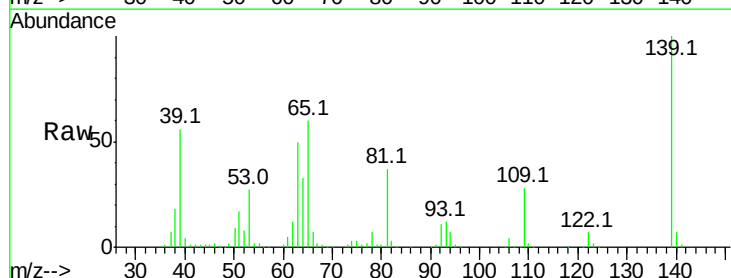
Tgt Ion: 139 Resp: 296897

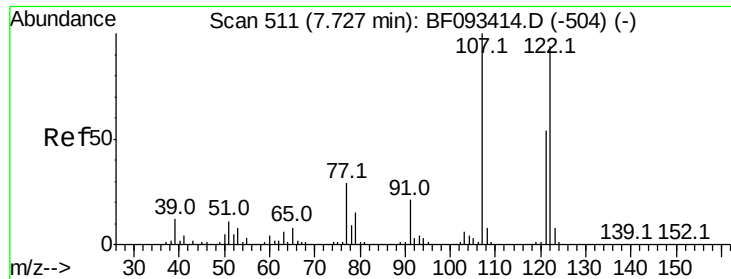
Ion Ratio Lower Upper

139 100

109 28.2 23.3 34.9

65 59.7 42.7 64.1





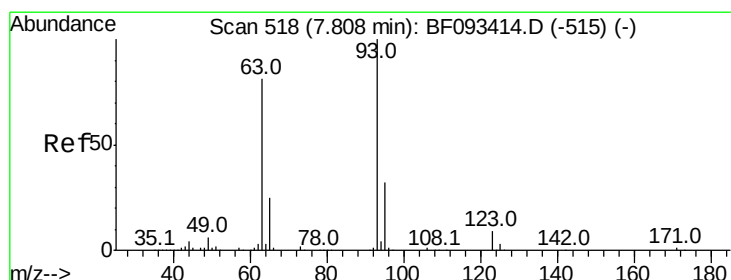
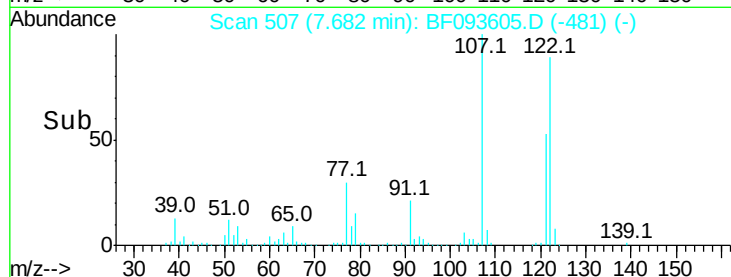
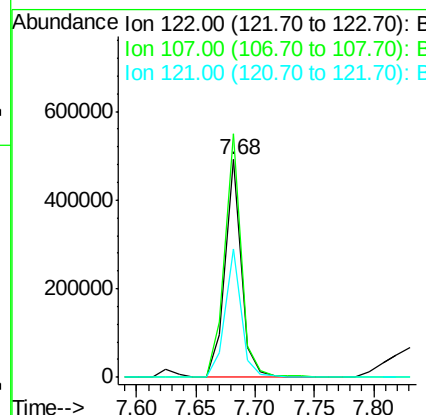
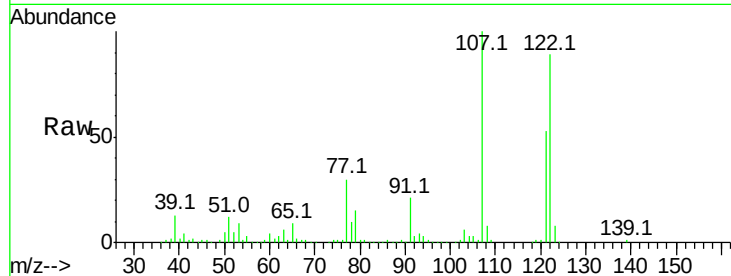
#27
2,4-Dimethylphenol
Concen: 44.66 ng
RT: 7.68 min Scan# 507
Delta R.T. -0.00 min
Lab File: BF093605.D
Acq: 13 Mar 2017 14:19

Instrument :
BNA_F
ClientSampled :
D-64MS

Tot Ion	Ratio	Resp	Lower	Upper
122	100	459576		
107	112.0		94.1	141.1
121	59.1		46.0	69.0

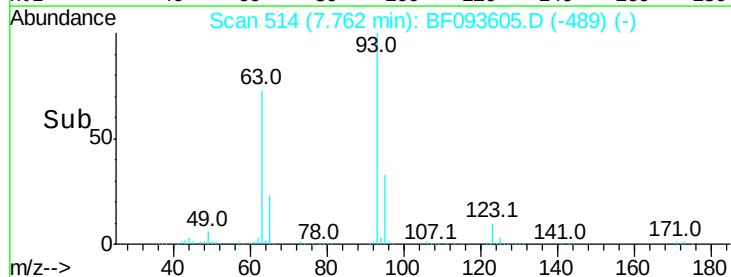
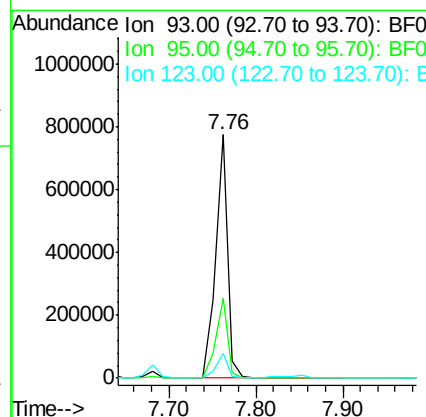
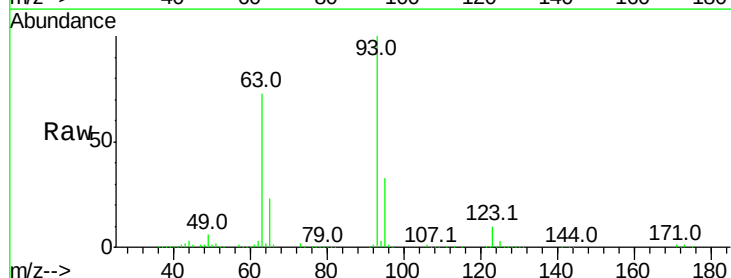
Manual Integrations
APPROVED

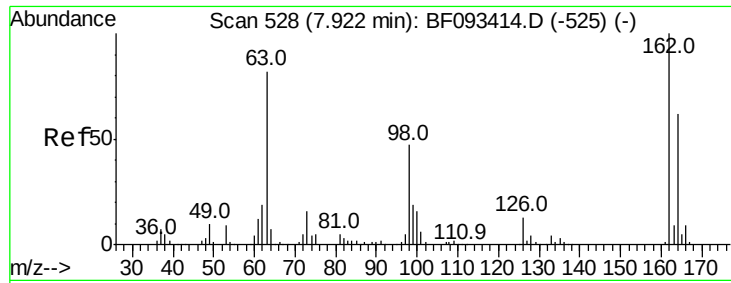
mohammad
3/15/2017 5:37:33 PM



#28
bis(2-Chloroethoxy)methane
Concen: 47.68 ng
RT: 7.76 min Scan# 514
Delta R.T. -0.01 min
Lab File: BF093605.D
Acq: 13 Mar 2017 14:19

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	748718		
95	32.8		26.5	39.7
123	10.2		8.6	13.0





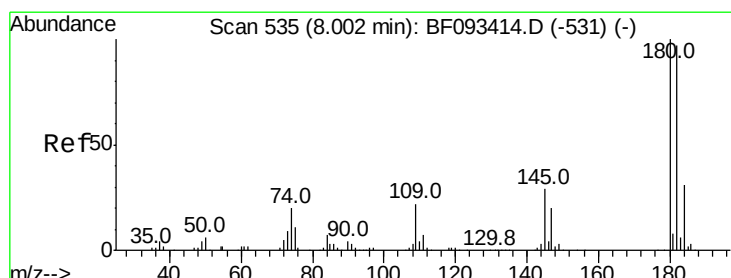
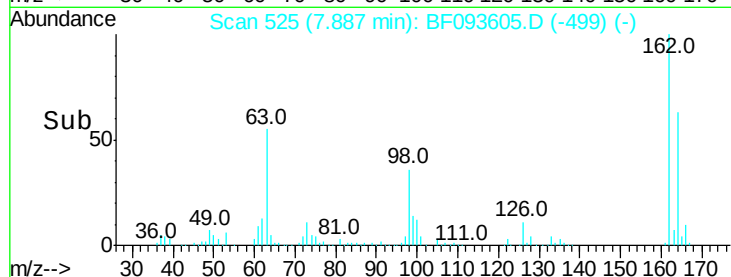
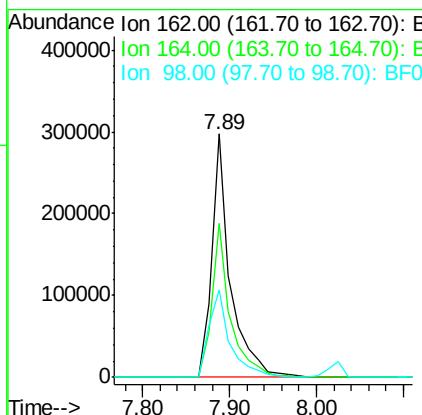
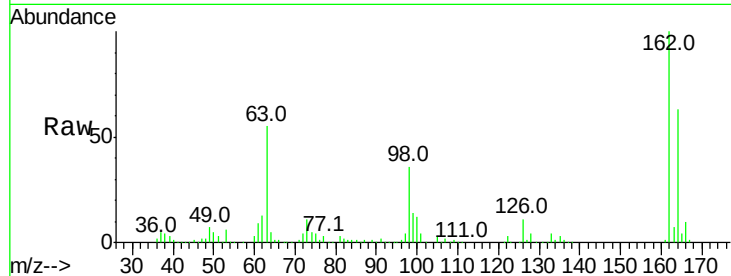
#29
 2,4-Dichlorophenol
 Concen: 45.83 ng
 RT: 7.89 min Scan# 525
 Delta R.T. -0.00 min
 Lab File: BF093605.D
 Acq: 13 Mar 2017 14:19

Instrument :
 BNA_F
 ClientSampled :
 D-64MS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	443664		
164	63.3	46.8	86.8	
98	35.7	9.1	49.1	

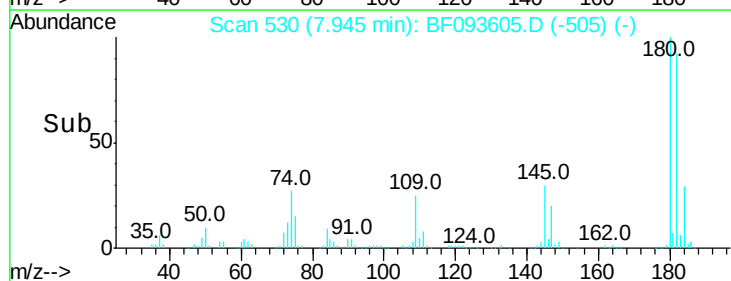
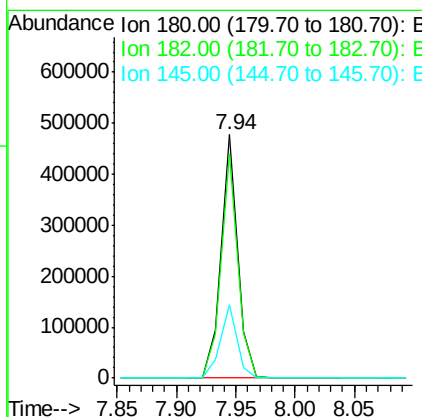
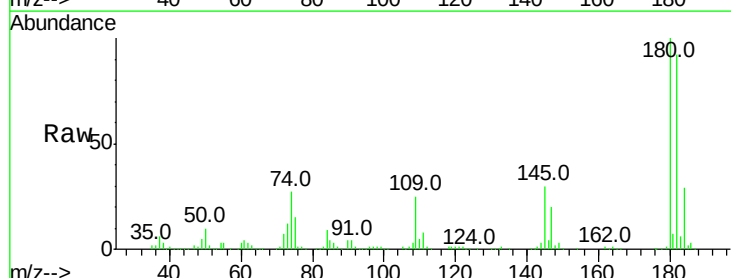
Manual Integrations
 APPROVED

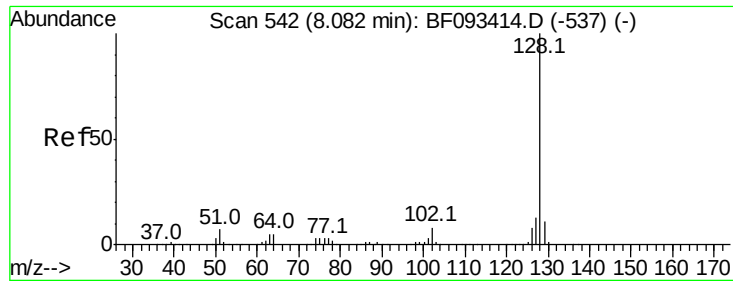
mohammad
 3/15/2017 5:37:33 PM



#30
 1,2,4-Trichlorobenzene
 Concen: 44.46 ng
 RT: 7.94 min Scan# 530
 Delta R.T. -0.01 min
 Lab File: BF093605.D
 Acq: 13 Mar 2017 14:19

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	457698		
182	92.3	78.2	117.4	
145	30.1	21.6	32.4	





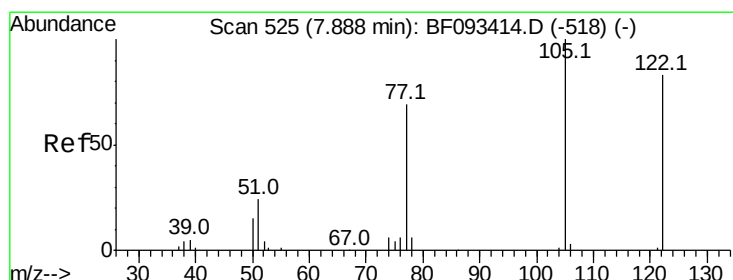
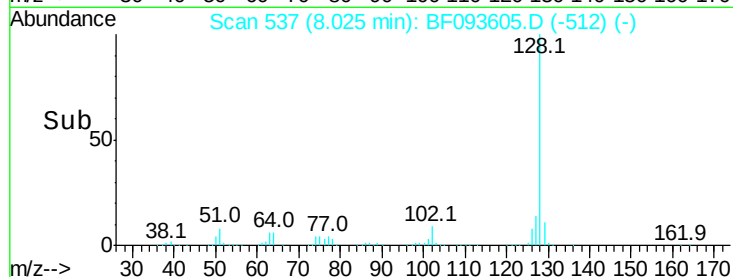
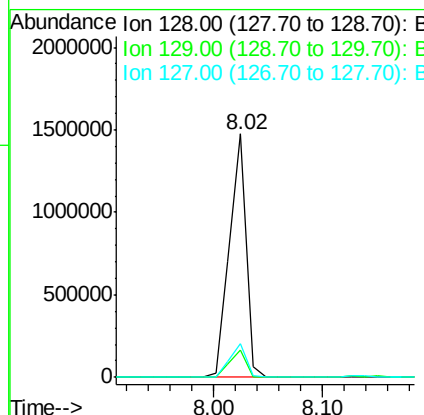
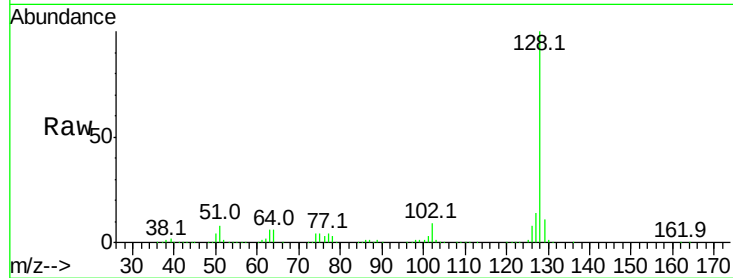
#31
Naphthalene
Concen: 45.53 ng
RT: 8.02 min Scan# 537
Delta R.T. -0.01 min
Lab File: BF093605.D
Acq: 13 Mar 2017 14:19

Instrument :
BNA_F
ClientSampleId :
D-64MS

Tot Ion:128 Resp: 1561667
Ion Ratio Lower Upper
128 100
129 11.3 9.5 14.3
127 13.6 10.8 16.2

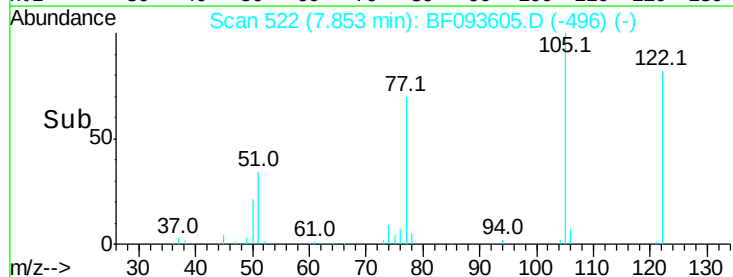
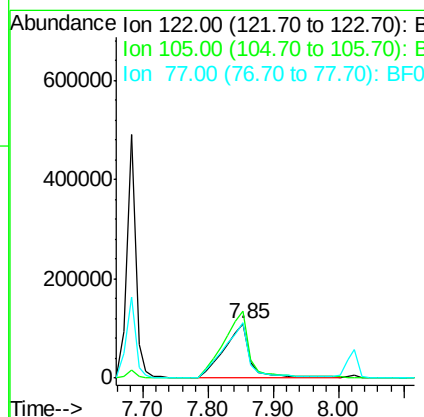
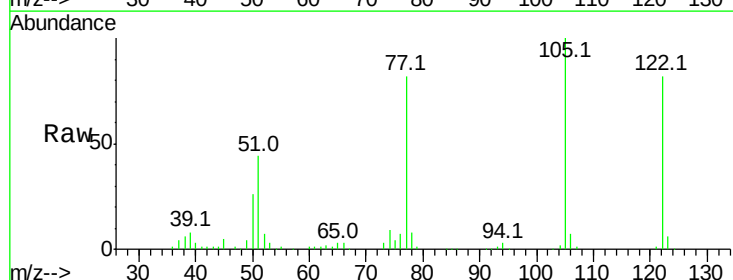
Manual Integrations
APPROVED

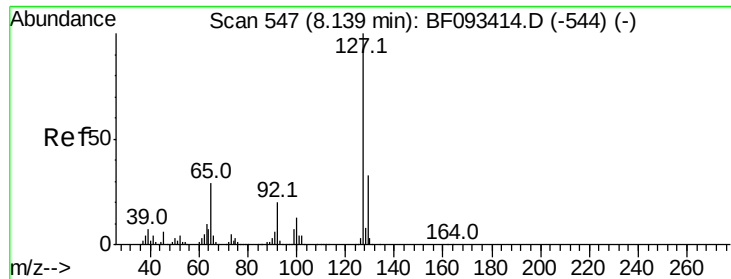
mohammad
3/15/2017 5:37:33 PM



#32
Benzoic acid
Concen: 55.72 ng
RT: 7.85 min Scan# 522
Delta R.T. -0.00 min
Lab File: BF093605.D
Acq: 13 Mar 2017 14:19

Tgt Ion:122 Resp: 297932
Ion Ratio Lower Upper
122 100
105 122.3 107.2 147.2
77 100.6 74.5 114.5





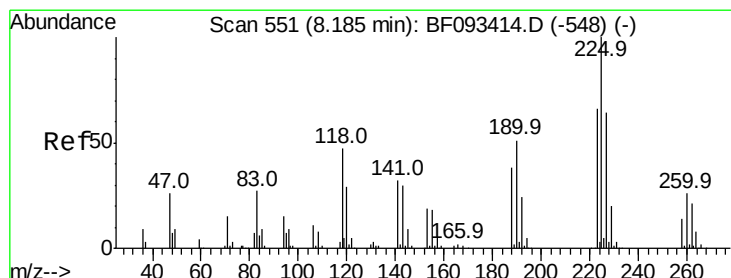
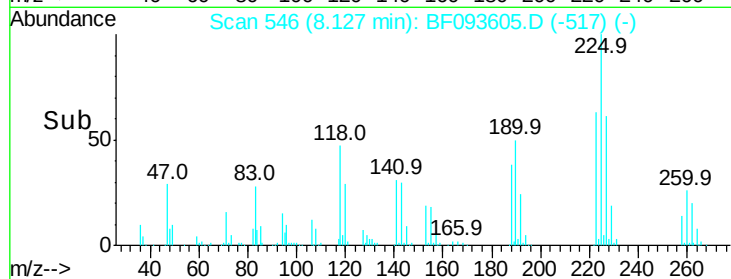
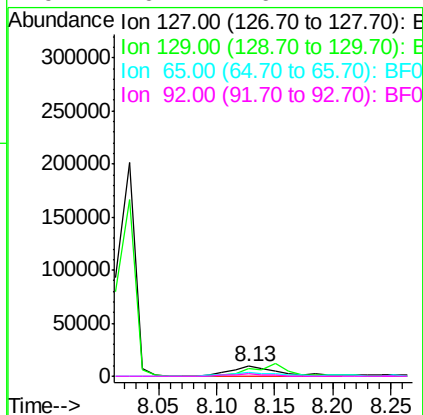
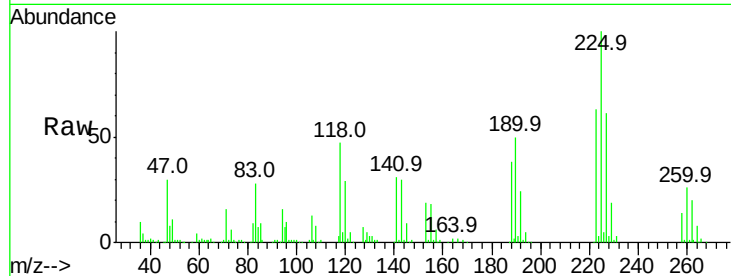
#33
4-Chloroaniline
Concen: 2.12 ng/ml
RT: 8.13 min Scan# 546
Delta R.T. 0.03 min
Lab File: BF093605.D
Acq: 13 Mar 2017 14:19

Instrument :
BNA_F
ClientSampleID :
D-64MS

Tot Ion:	127	Resp:	29490
Ion Ratio	Lower	Upper	
127	100		
129	75.6	26.3	39.5#
65	34.0	25.8	38.8
92	20.1	16.1	24.1

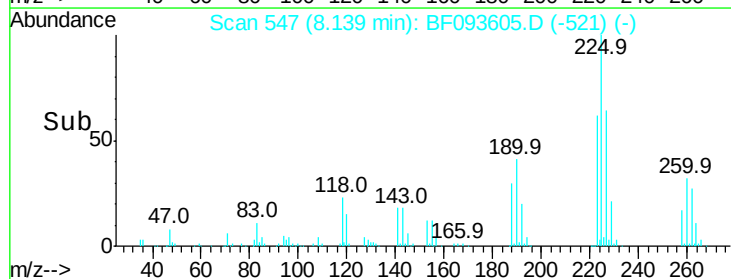
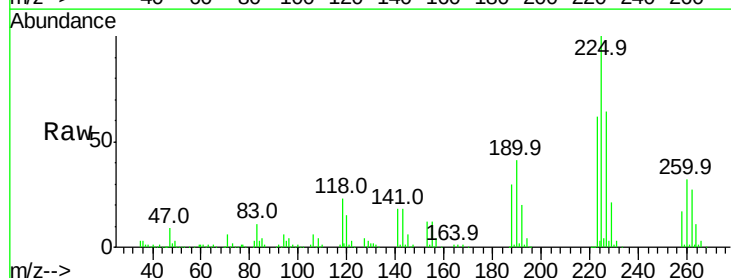
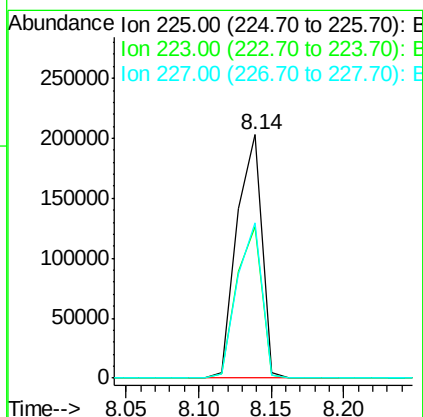
Manual Integrations
APPROVED

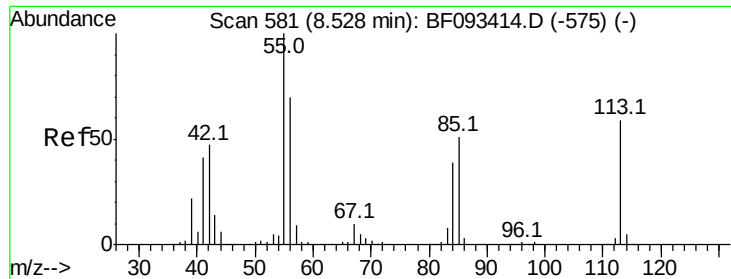
mohammad
3/15/2017 5:37:33 PM



#34
Hexachlorobutadiene
Concen: 45.81 ng
RT: 8.14 min Scan# 547
Delta R.T. -0.00 min
Lab File: BF093605.D
Acq: 13 Mar 2017 14:19

Tgt Ion:	225	Resp:	242915
Ion Ratio	Lower	Upper	
225	100		
223	62.5	51.0	76.6
227	63.9	50.6	76.0





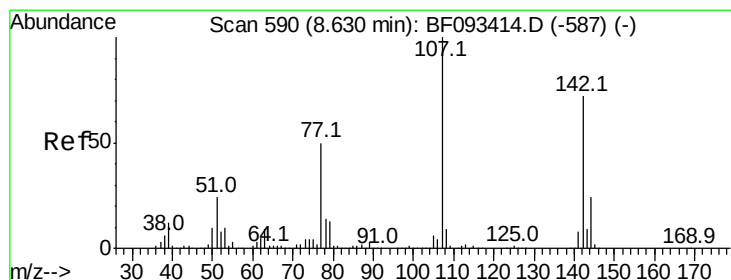
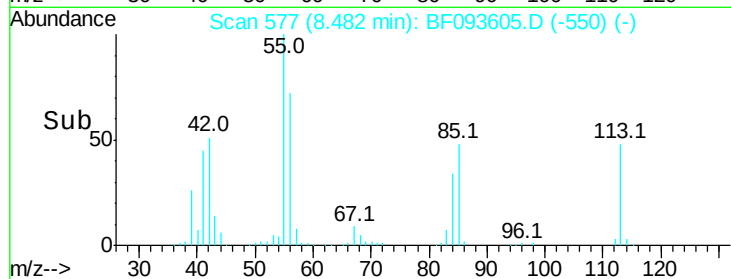
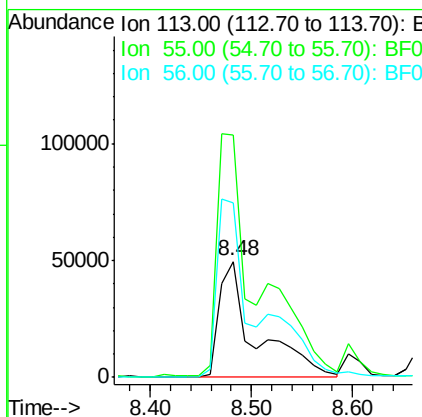
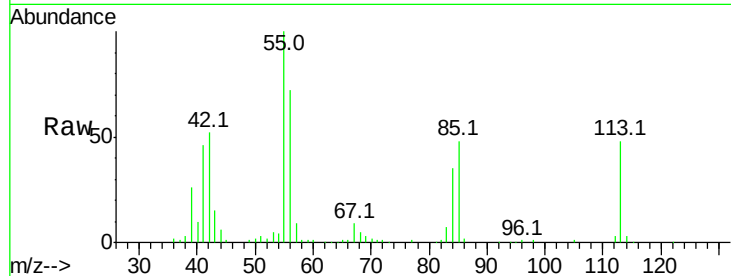
#35
 Caprolactam
 Concen: 37.63 ng/ml
 RT: 8.48 min Scan# 577
 Delta R.T. 0.01 min
 Lab File: BF093605.D
 Acq: 13 Mar 2017 14:19

Instrument :
 BNA_F
 ClientSampleId :
 D-64MS

Tot Ion	Ratio	Lower	Upper
113	100		
55	209.6	119.2	159.2#
56	150.5	83.8	123.8#

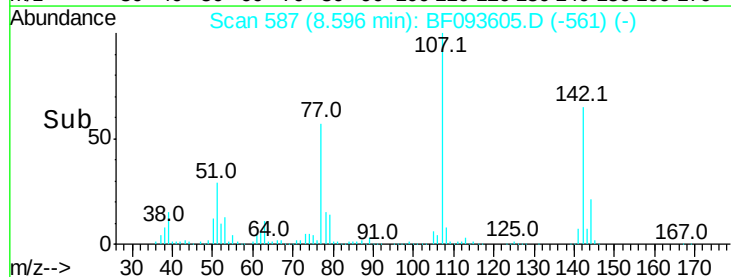
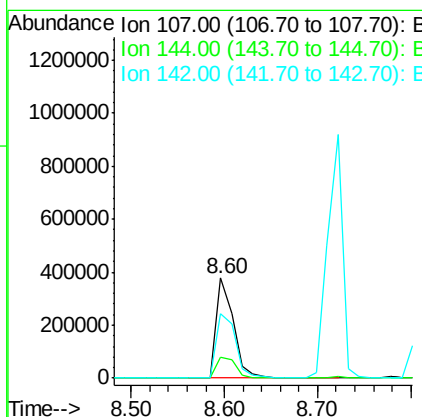
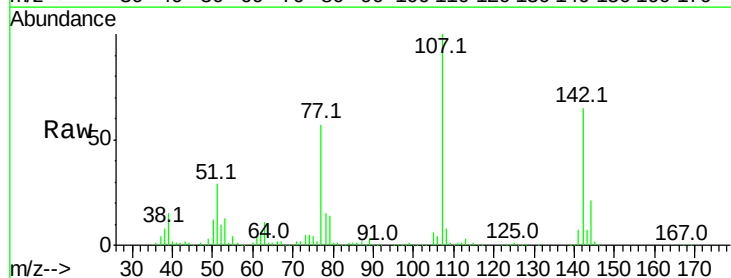
Manual Integrations
 APPROVED

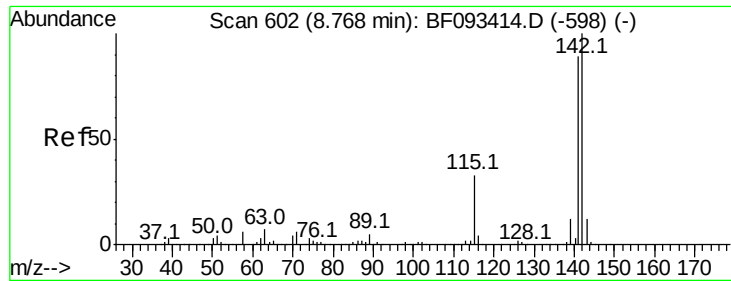
mohammad
 3/15/2017 5:37:33 PM



#36
 4-Chloro-3-methylphenol
 Concen: 46.07 ng/ml
 RT: 8.60 min Scan# 587
 Delta R.T. -0.00 min
 Lab File: BF093605.D
 Acq: 13 Mar 2017 14:19

Tgt Ion	Ratio	Lower	Upper
107	100		
144	20.8	19.3	28.9
142	65.0	59.0	88.6





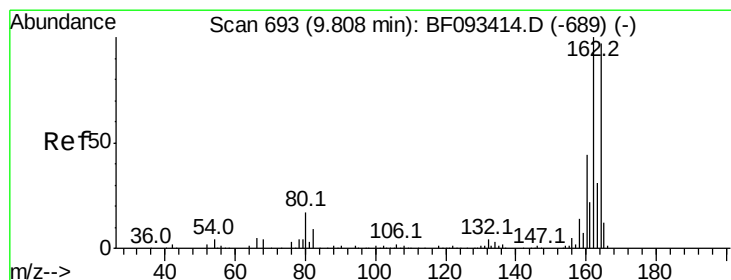
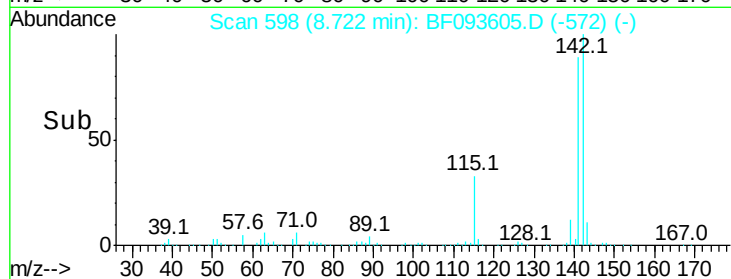
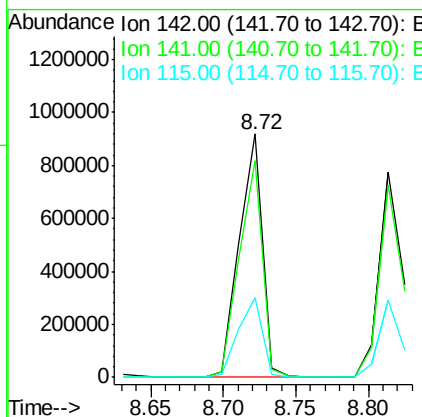
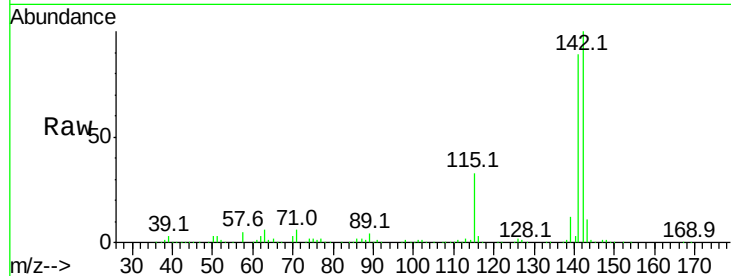
#37
 2-Methylnaphthalene
 Concen: 46.65 ng
 RT: 8.72 min Scan# 598
 Delta R.T. -0.00 min
 Lab File: BF093605.D
 Acq: 13 Mar 2017 14:19

Instrument :
 BNA_F
 ClientSampleId :
 D-64MS

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.1	71.0	106.6
115	32.8	28.3	42.5

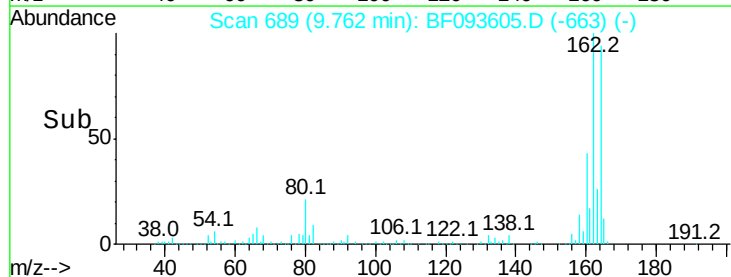
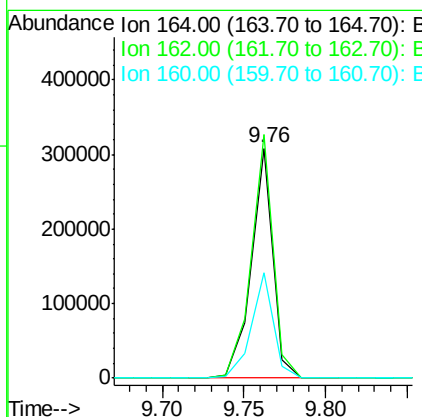
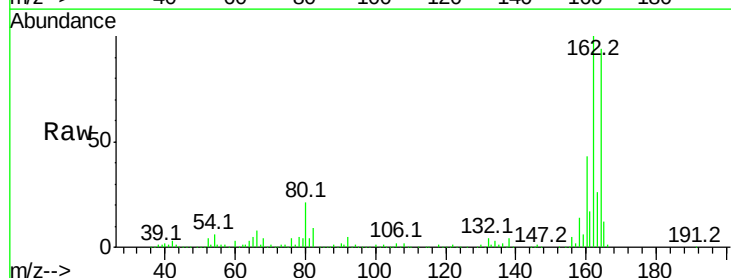
Manual Integrations
 APPROVED

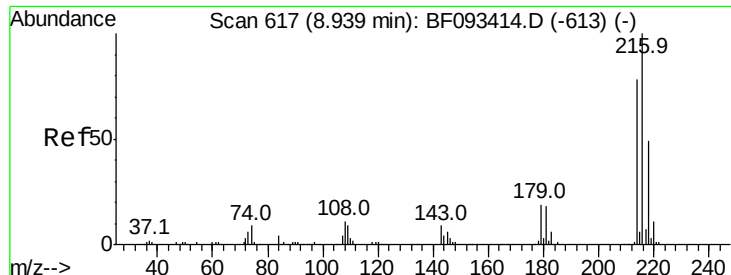
mohammad
 3/15/2017 5:37:33 PM



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.76 min Scan# 689
 Delta R.T. -0.00 min
 Lab File: BF093605.D
 Acq: 13 Mar 2017 14:19

Tgt Ion	Ratio	Lower	Upper
164	100		
162	105.9	80.2	120.2
160	45.9	36.9	55.3





#39

1,2,4,5-Tetrachlorobenzene

Concen: 56.07 ng

RT: 8.89 min Scan# 613

Delta R.T. -0.00 min

Lab File: BF093605.D

Acq: 13 Mar 2017 14:19

Instrument :

BNA_F

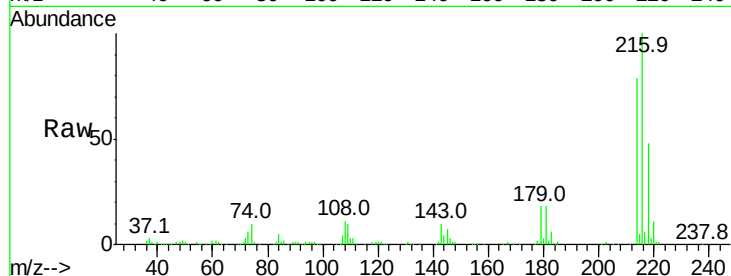
ClientSampled :

D-64MS

Tot Ion	Ratio	Resp	Lower	Upper
216	100	432471		
214	79.3		63.4	95.0
179	21.2		17.4	26.2
108	20.6		15.6	23.4

Manual Integrations
APPROVED

mohammad
3/15/2017 5:37:33 PM

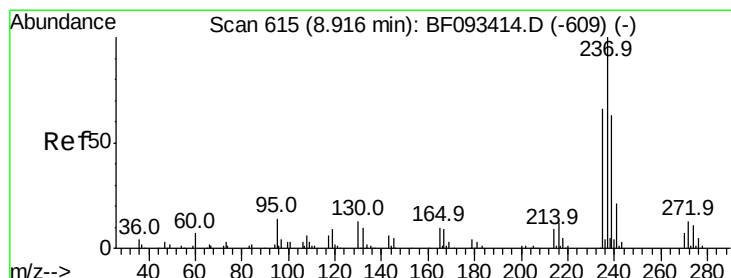
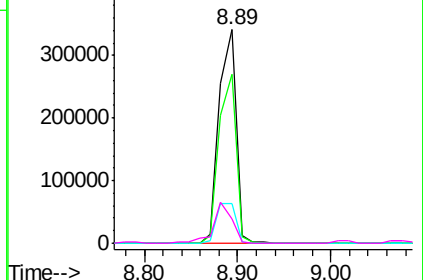
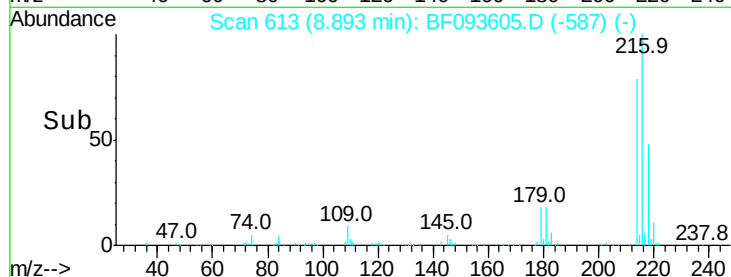


Abundance Ion 216.00 (215.70 to 216.70): E

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: 126.32 ng

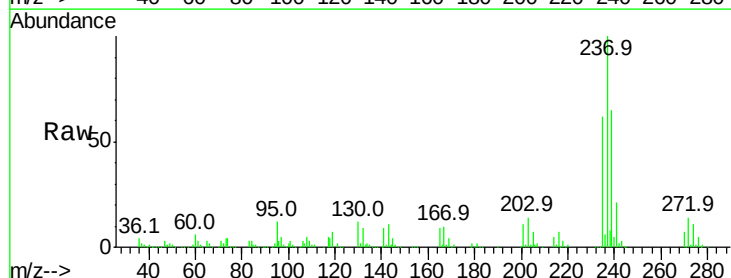
RT: 8.87 min Scan# 611

Delta R.T. -0.00 min

Lab File: BF093605.D

Acq: 13 Mar 2017 14:19

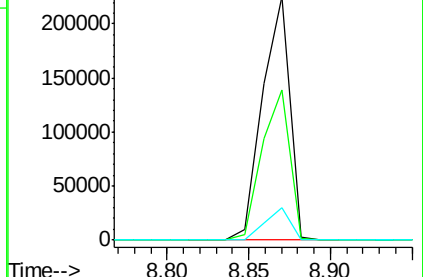
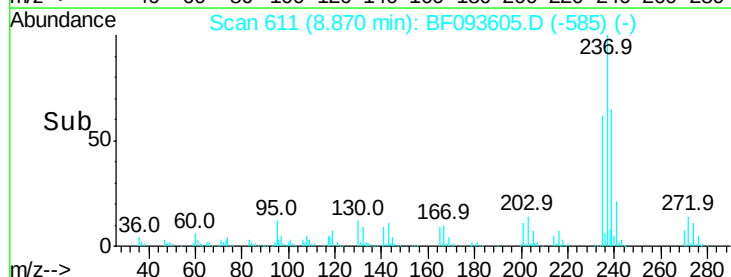
Tgt Ion	Ratio	Resp	Lower	Upper
237	100	261900		
235	61.8		41.2	81.2
272	13.6		0.0	35.4

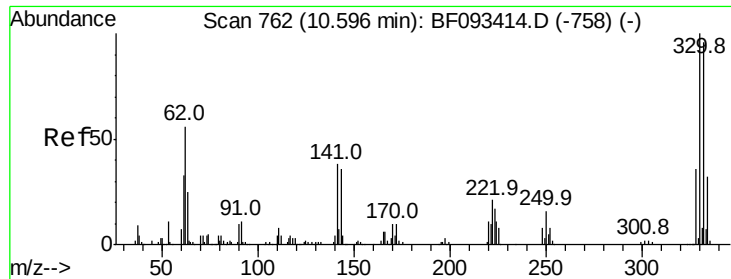


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E





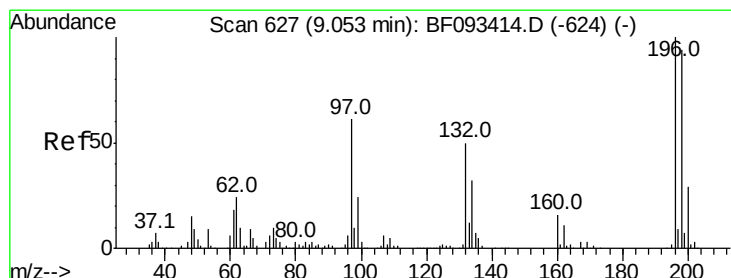
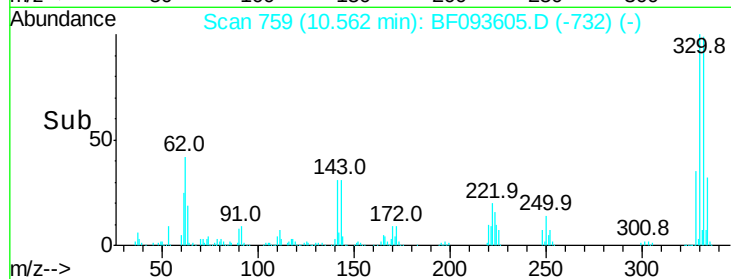
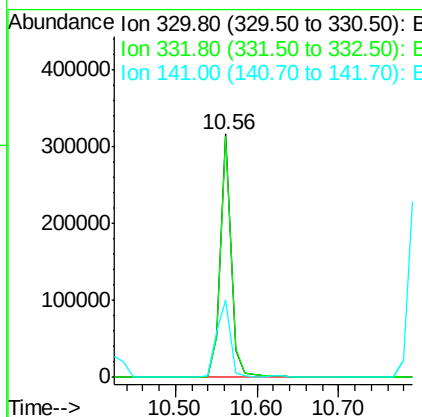
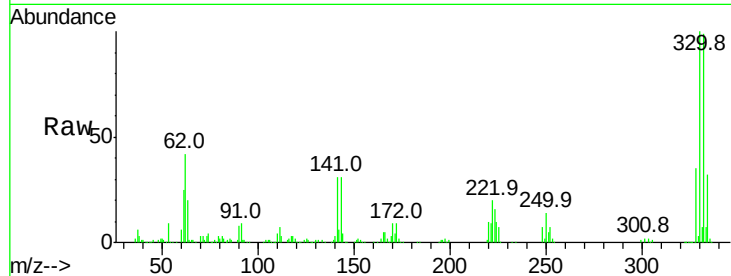
#41
 2,4,6-Tribromophenol
 Concen: 159.54 ng
 RT: 10.56 min Scan# 759
 Delta R.T. 0.01 min
 Lab File: BF093605.D
 Acq: 13 Mar 2017 14:19

Instrument :
 BNA_F
 ClientSampled :
 D-64MS

Tot Ion	Ratio	Resp	Lower	Upper
330	100	293613		
332	100.1	77.4	116.2	
141	39.8	34.1	51.1	

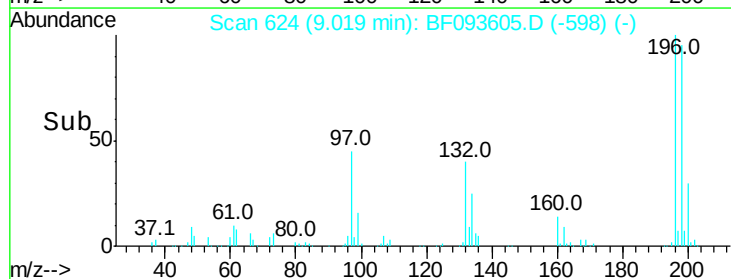
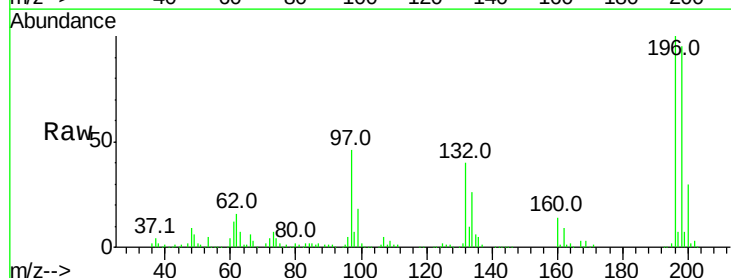
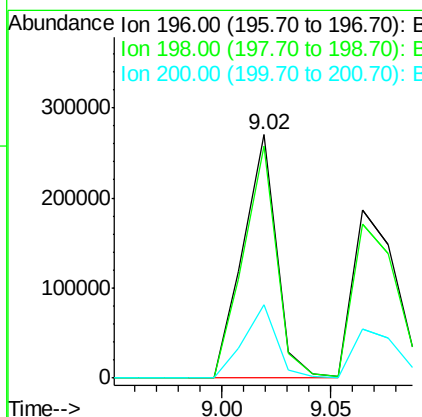
Manual Integrations
 APPROVED

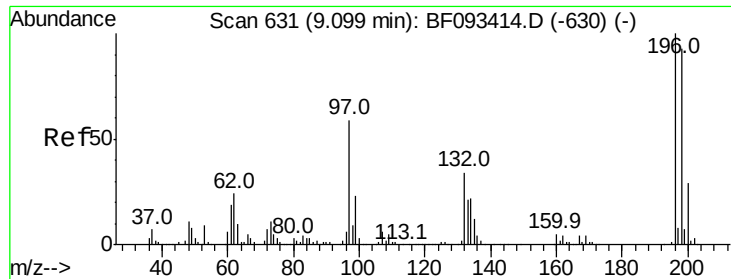
mohammad
 3/15/2017 5:37:33 PM



#42
 2,4,6-Trichlorophenol
 Concen: 60.31 ng
 RT: 9.02 min Scan# 624
 Delta R.T. -0.00 min
 Lab File: BF093605.D
 Acq: 13 Mar 2017 14:19

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	290645		
198	95.4	82.1	123.1	
200	30.2	27.0	40.4	





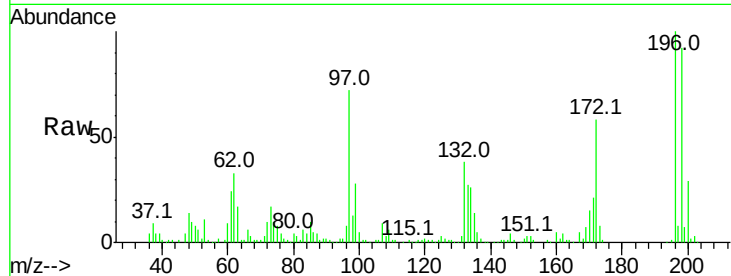
#43
2,4,5-Trichlorophenol
Concen: 54.62 ng
RT: 9.06 min Scan# 628
Delta R.T. -0.00 min
Lab File: BF093605.D
Acq: 13 Mar 2017 14:19

Instrument :
BNA_F
ClientSampleId :
D-64MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
196	100		282451		
198	92.2	79.4	119.2		
97	72.0	51.5	77.3		
132	38.4	27.4	41.2		

Manual Integrations
APPROVED

mohammad
3/15/2017 5:37:33 PM



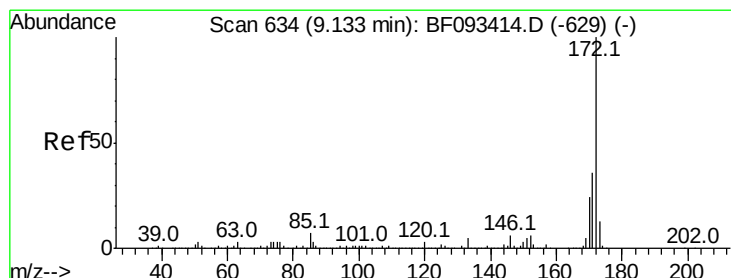
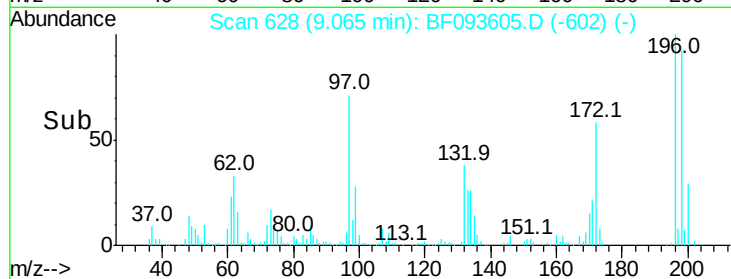
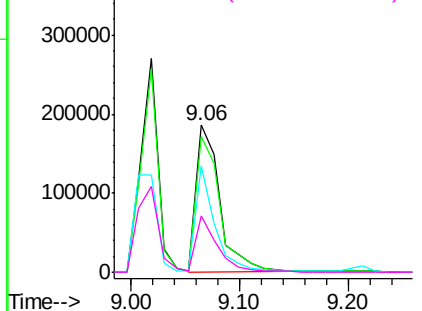
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

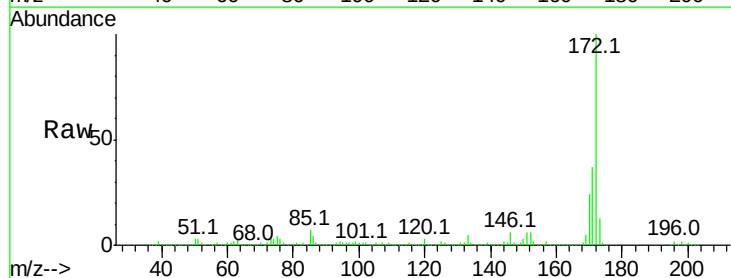
Ion 97.00 (96.70 to 97.70): BF0

Ion 132.00 (131.70 to 132.70): E



#44
2-Fluorobiphenyl
Concen: 116.06 ng
RT: 9.09 min Scan# 630
Delta R.T. -0.00 min
Lab File: BF093605.D
Acq: 13 Mar 2017 14:19

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
172	100		1762501		
171	36.6	29.4	44.0		
170	24.5	20.2	30.4		

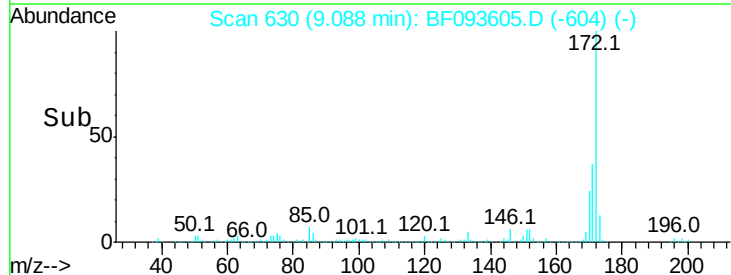
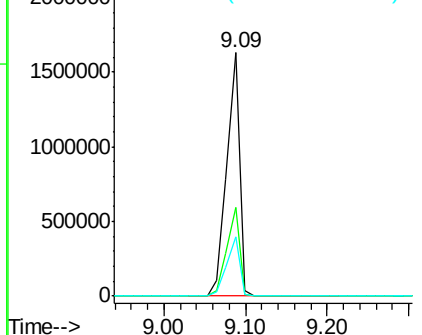


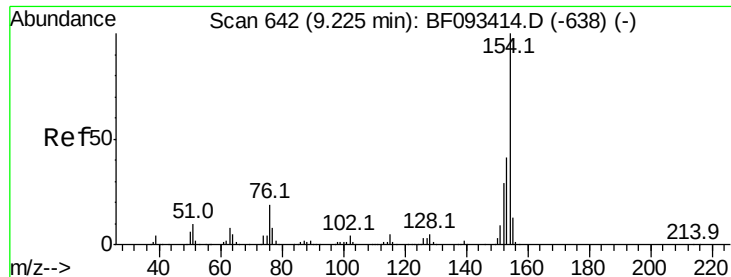
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#45

1,1'-Biphenyl

Concen: 56.24 ng

RT: 9.19 min Scan# 639

Delta R.T. -0.00 min

Lab File: BF093605.D

Acq: 13 Mar 2017 14:19

Instrument :

BNA_F

ClientSampled :

D-64MS

Tot Ion:154 Resp: 1157294

Ion Ratio Lower Upper

154 100

153 41.2 20.9 60.9

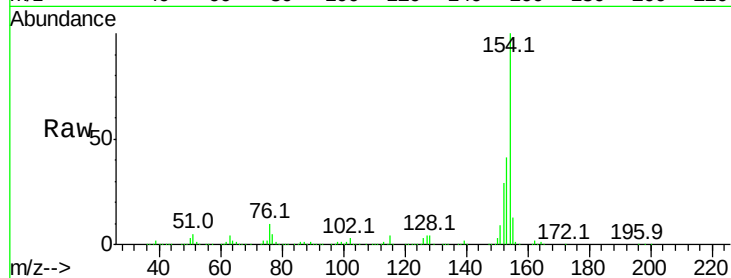
76 10.0 0.0 30.5

Manual Integrations

APPROVED

mohammad

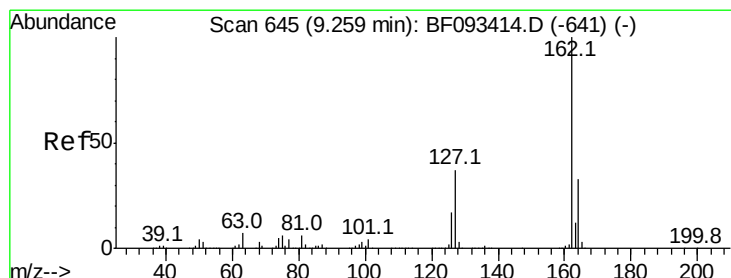
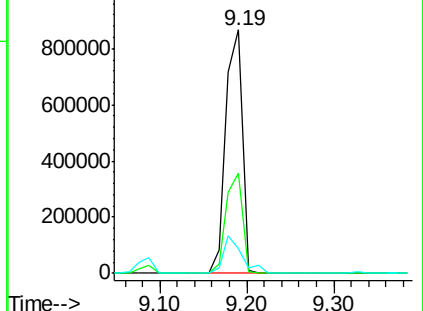
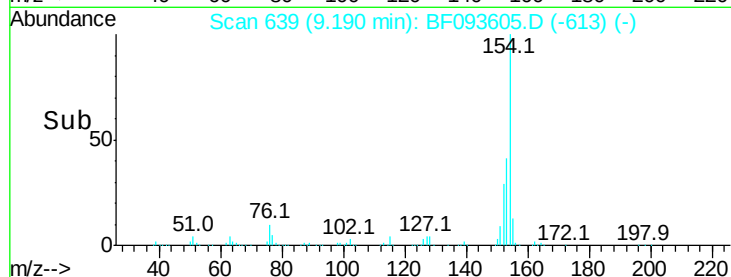
3/15/2017 5:37:33 PM



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0



#46

2-Chloronaphthalene

Concen: 61.49 ng

RT: 9.21 min Scan# 641

Delta R.T. -0.00 min

Lab File: BF093605.D

Acq: 13 Mar 2017 14:19

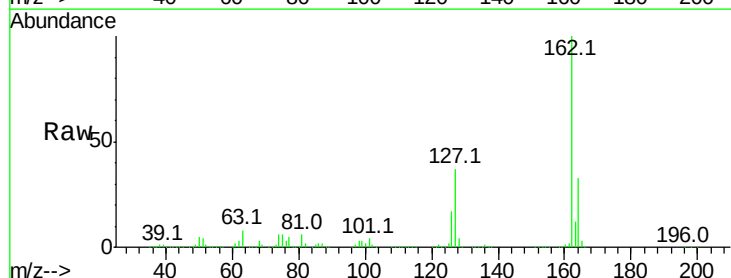
Tgt Ion:162 Resp: 968539

Ion Ratio Lower Upper

162 100

127 37.3 30.7 46.1

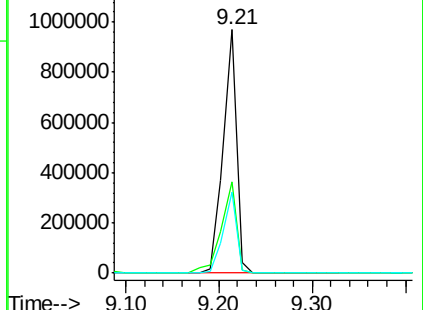
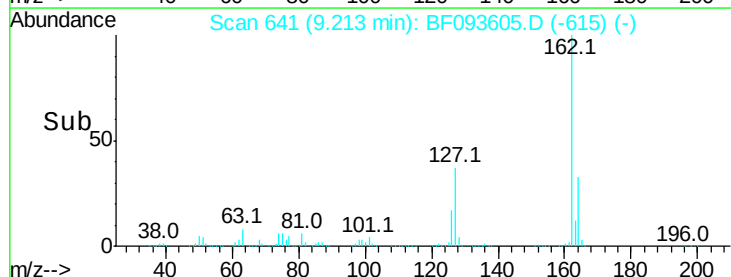
164 33.1 27.6 41.4

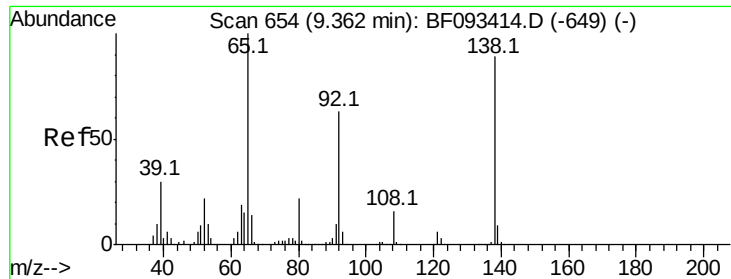


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





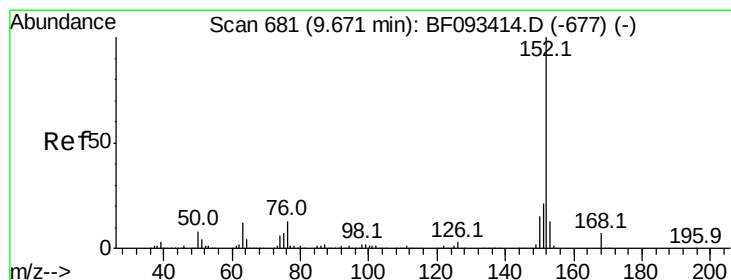
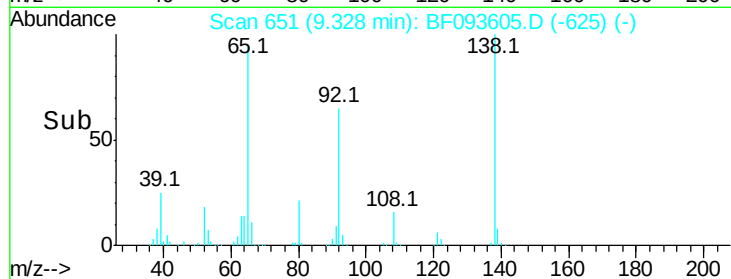
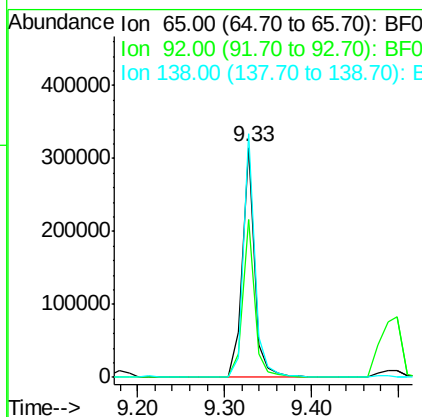
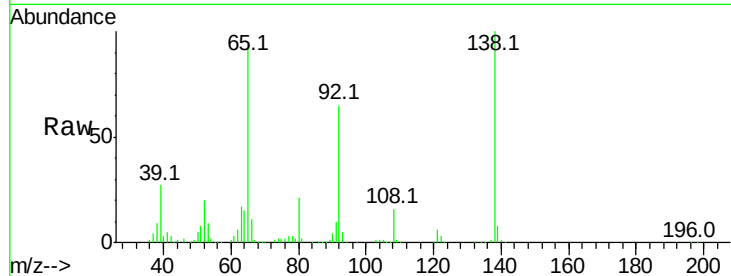
#47
2-Nitroaniline
Concen: 55.31 ng
RT: 9.33 min Scan# 651
Delta R.T. -0.00 min
Lab File: BF093605.D
Acq: 13 Mar 2017 14:19

Instrument :
BNA_F
ClientSampleId :
D-64MS

Tot Ion	Ratio	Lower	Upper
65	100		
92	68.8	53.9	80.9
138	105.8	76.8	115.2

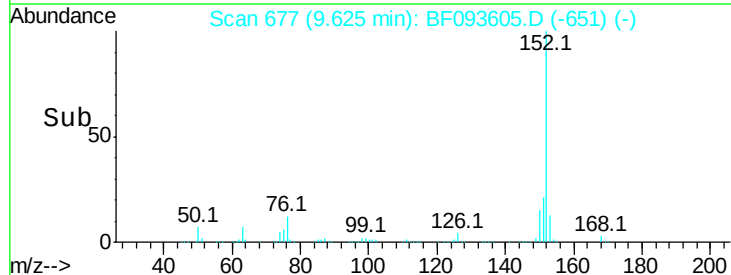
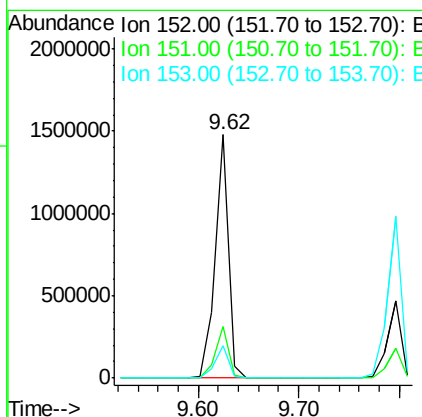
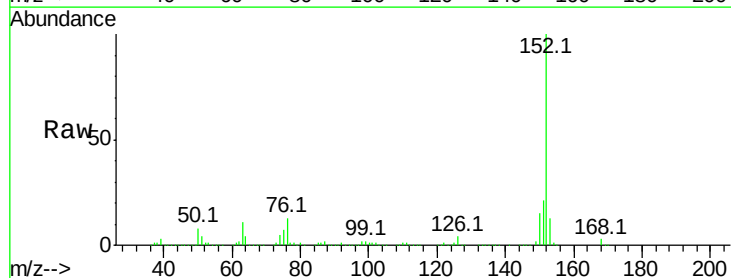
Manual Integrations
APPROVED

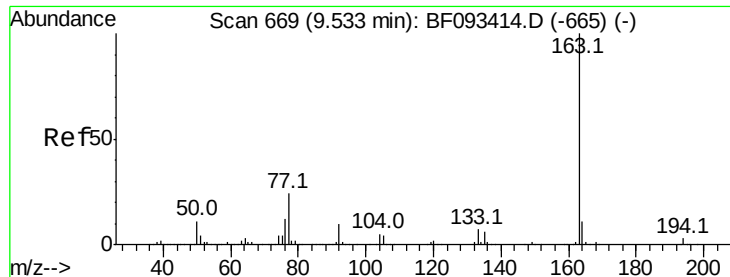
mohammad
3/15/2017 5:37:33 PM



#48
Acenaphthylene
Concen: 52.16 ng
RT: 9.62 min Scan# 677
Delta R.T. -0.00 min
Lab File: BF093605.D
Acq: 13 Mar 2017 14:19

Tgt Ion	Ratio	Lower	Upper
152	100		
151	21.0	16.9	25.3
153	13.4	11.4	17.2





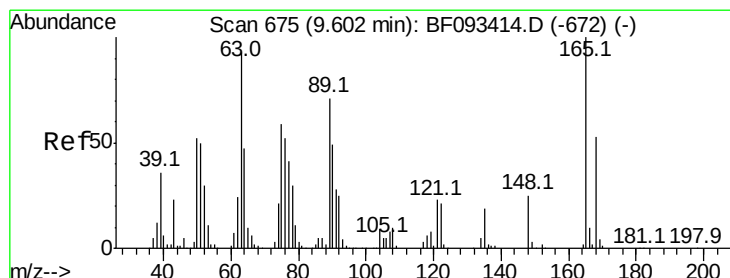
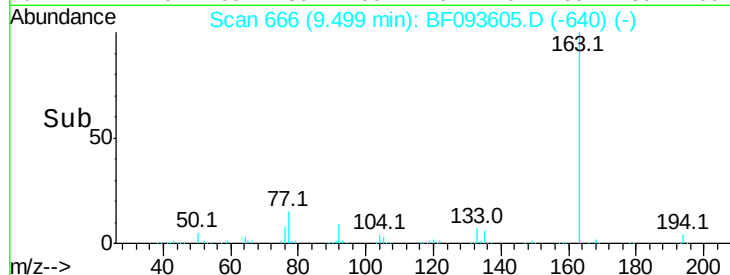
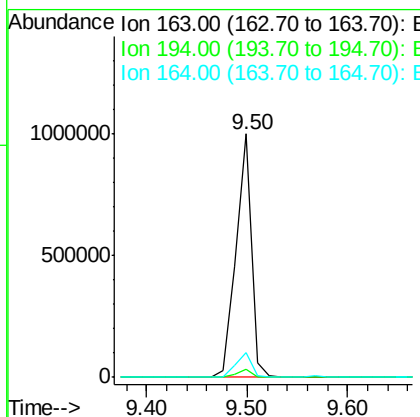
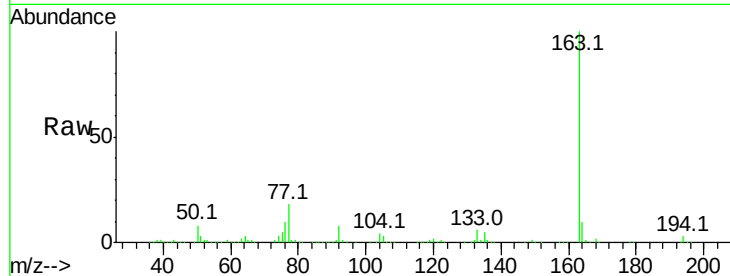
#49
Dimethylphthalate
Concen: 56.61 ng
RT: 9.50 min Scan# 666
Delta R.T. -0.00 min
Lab File: BF093605.D
Acq: 13 Mar 2017 14:19

Instrument :
BNA_F
ClientSampleId :
D-64MS

Tot Ion:163 Resp: 1060129
Ion Ratio Lower Upper
163 100
194 3.5 3.0 4.4
164 10.0 8.0 12.0

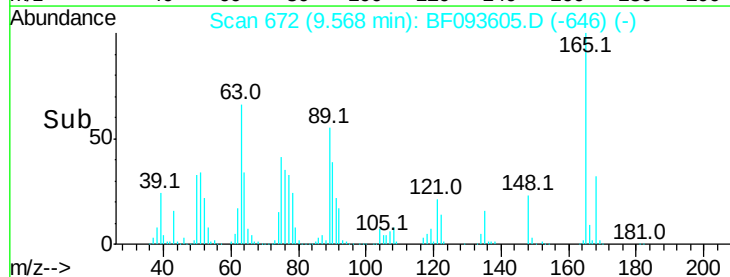
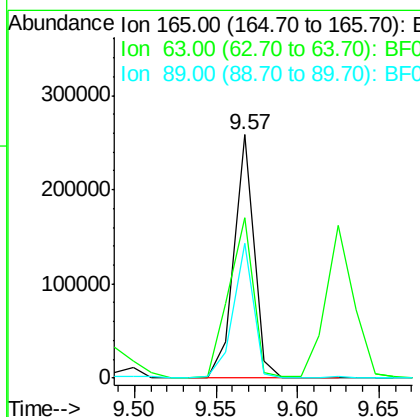
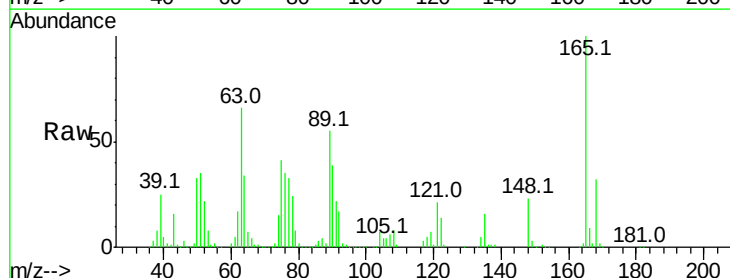
Manual Integrations
APPROVED

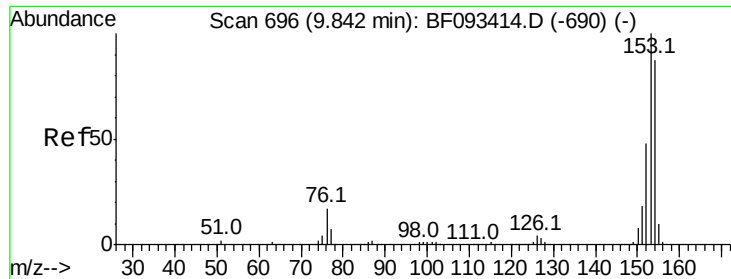
mohammad
3/15/2017 5:37:33 PM



#50
2,6-Dinitrotoluene
Concen: 52.88 ng
RT: 9.57 min Scan# 672
Delta R.T. -0.00 min
Lab File: BF093605.D
Acq: 13 Mar 2017 14:19

Tgt Ion:165 Resp: 217285
Ion Ratio Lower Upper
165 100
63 65.8 36.2 54.4#
89 55.5 40.2 60.4





#51

Acenaphthene

Concen: 52.88 ng

RT: 9.80 min Scan# 692

Delta R.T. -0.00 min

Lab File: BF093605.D

Acq: 13 Mar 2017 14:19

Instrument :

BNA_F

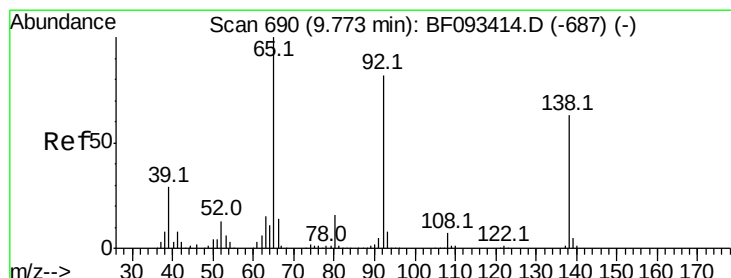
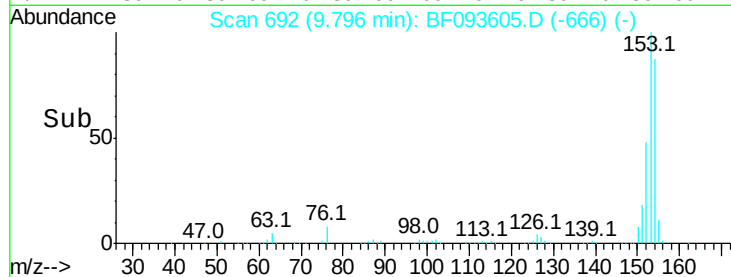
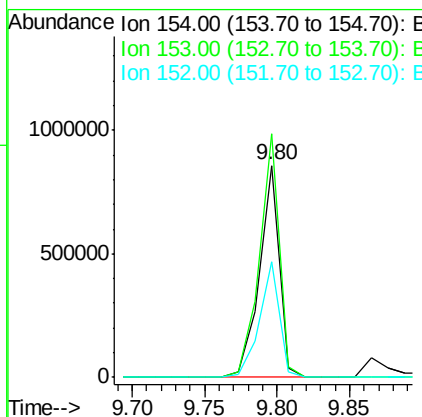
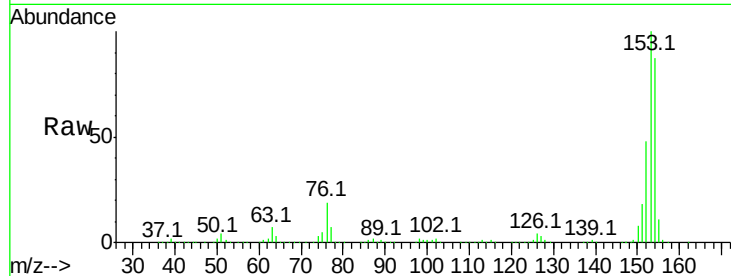
ClientSampled :

D-64MS

Tot Ion:	154	Resp:	812384
Ion Ratio	Lower	Upper	
154	100		
153	114.9	88.6	133.0
152	54.9	41.6	62.4

Manual Integrations
APPROVED

mohammad
3/15/2017 5:37:33 PM



#52

3-Nitroaniline

Concen: 8.77 ng

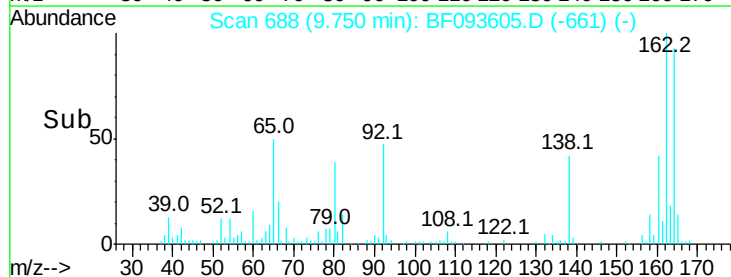
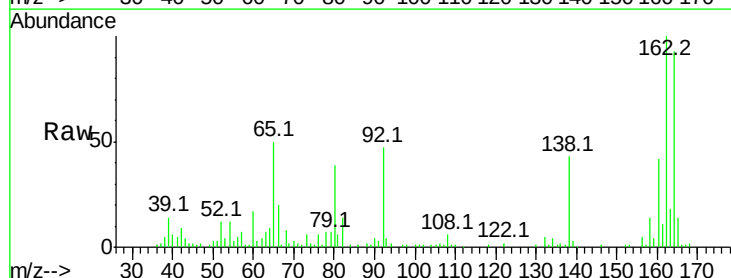
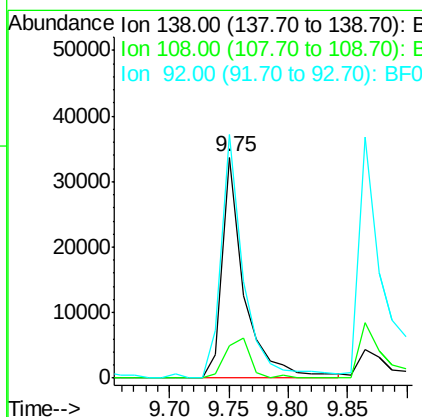
RT: 9.75 min Scan# 688

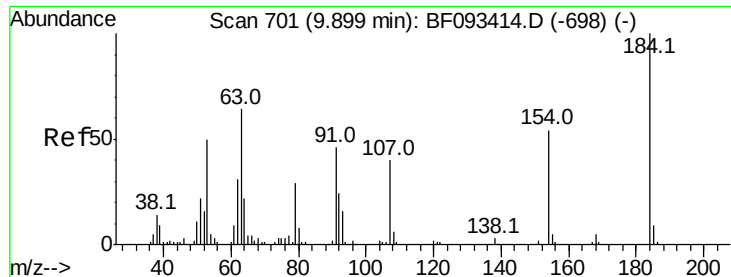
Delta R.T. 0.01 min

Lab File: BF093605.D

Acq: 13 Mar 2017 14:19

Tgt Ion:	138	Resp:	43311
Ion Ratio	Lower	Upper	
138	100		
108	14.8	8.5	12.7#
92	110.3	97.8	146.8





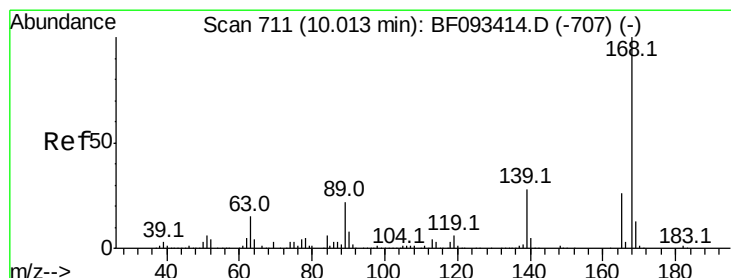
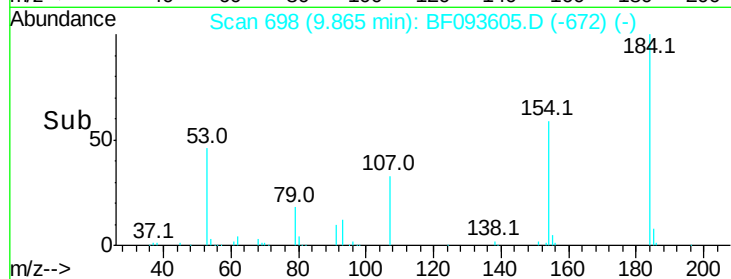
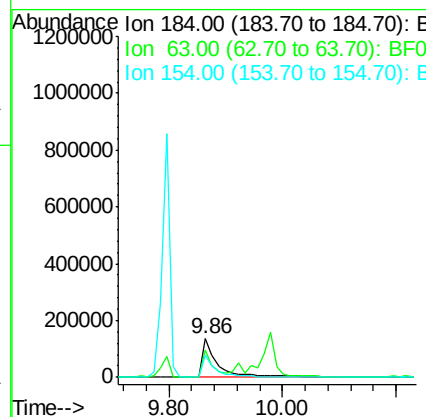
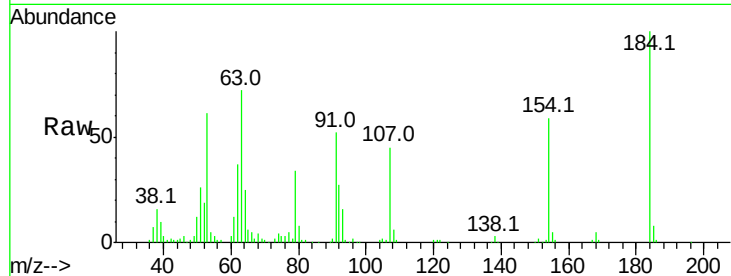
#53
2,4-Dinitrophenol
Concen: 133.00 ng
RT: 9.86 min Scan# 698
Delta R.T. -0.00 min
Lab File: BF093605.D
Acq: 13 Mar 2017 14:19

Instrument :
BNA_F
ClientSampleId :
D-64MS

Tot Ion	Ratio	Resp	Lower	Upper
184	100	248884		
63	71.8	28.4	42.6	#
154	58.8	44.3	66.5	

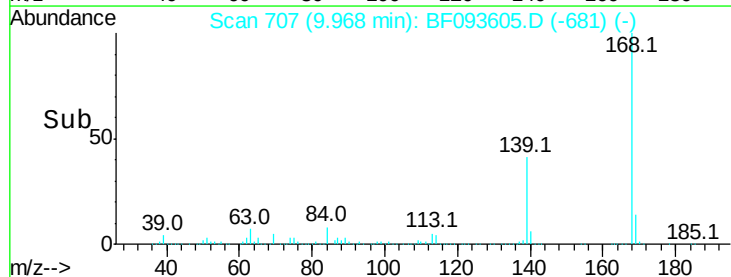
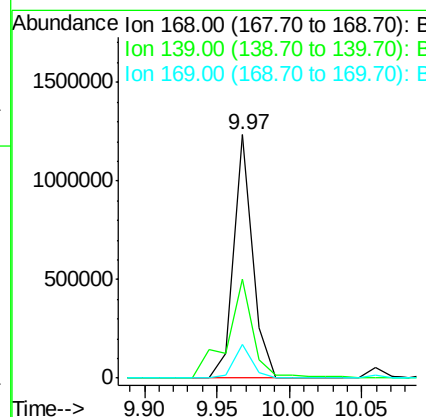
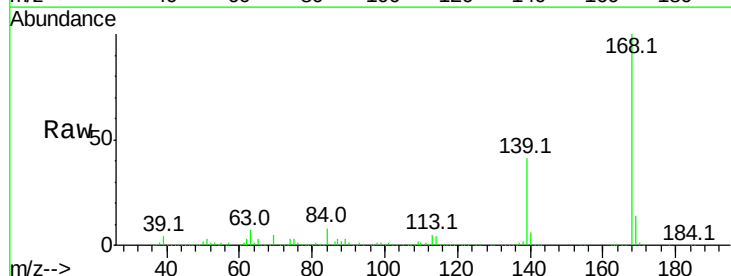
Manual Integrations
APPROVED

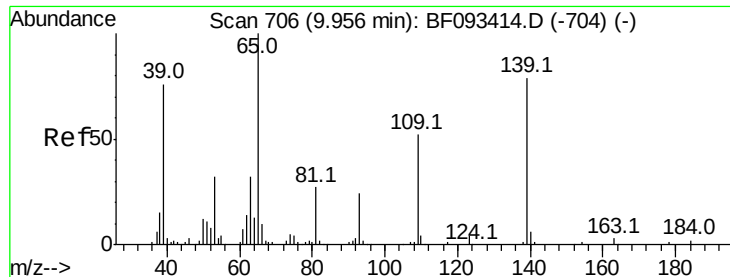
mohammad
3/15/2017 5:37:33 PM



#54
Dibenzofuran
Concen: 58.01 ng
RT: 9.97 min Scan# 707
Delta R.T. -0.00 min
Lab File: BF093605.D
Acq: 13 Mar 2017 14:19

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	1115369		
139	40.5	32.6	49.0	
169	13.9	11.3	16.9	





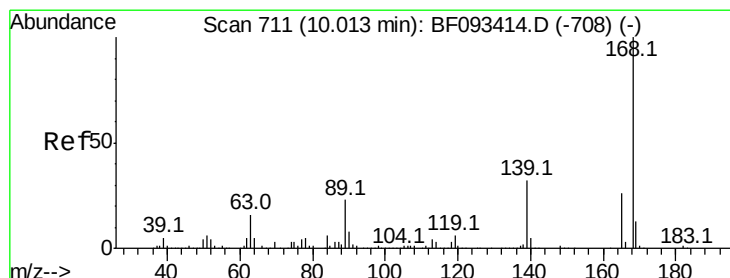
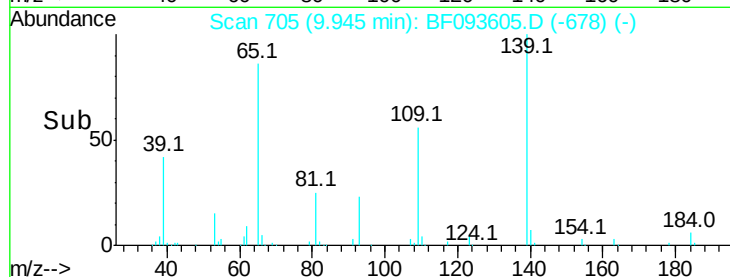
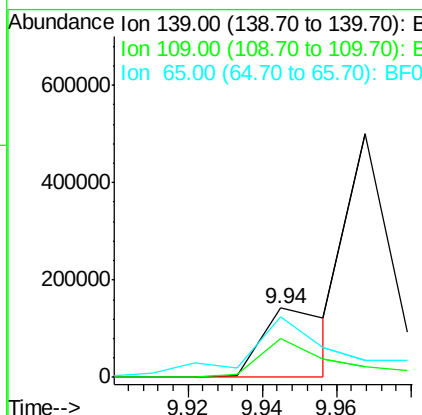
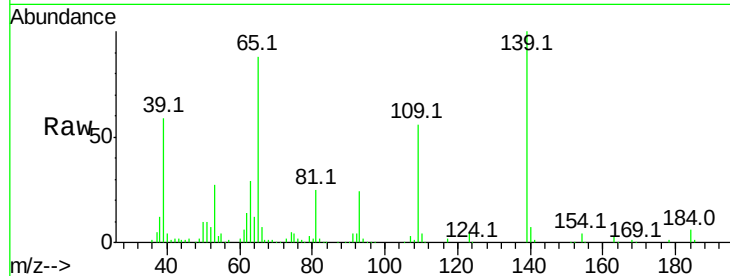
#55
4-Nitrophenol
Concen: 76.89 ng/mL
RT: 9.94 min Scan# 705
Delta R.T. 0.01 min
Lab File: BF093605.D
Acq: 13 Mar 2017 14:19

Instrument :
BNA_F
ClientSampled :
D-64MS

Tot Ion	Ratio	Resp	Lower	Upper
139	100	184362		
109	55.8	52.2	92.2	
65	88.3	85.8	125.8	

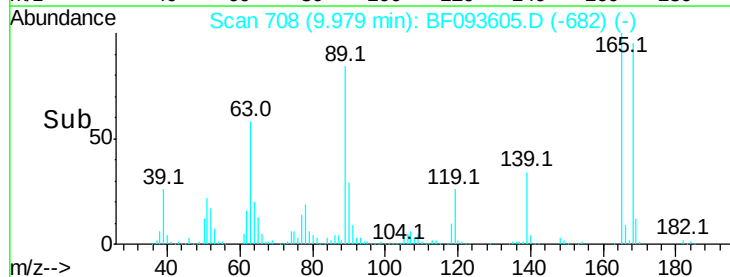
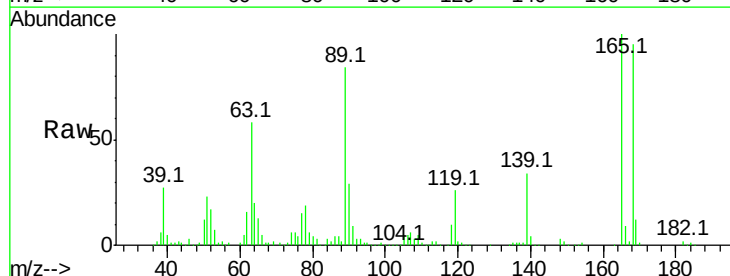
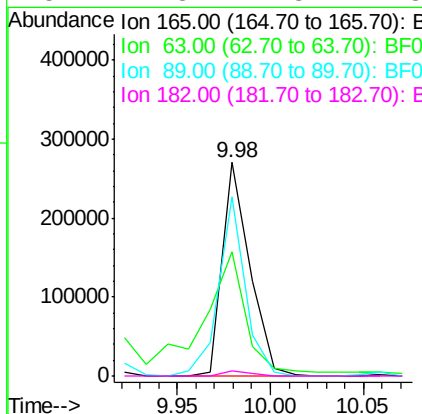
Manual Integrations
APPROVED

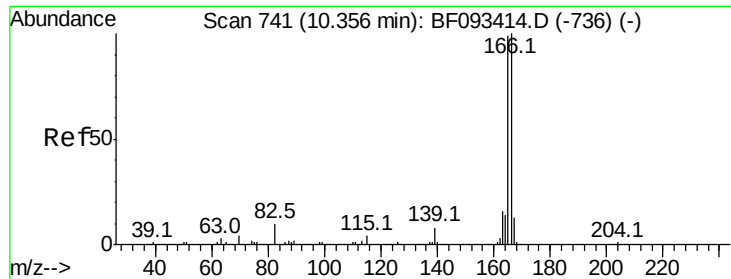
mohammad
3/15/2017 5:37:33 PM



#56
2,4-Dinitrotoluene
Concen: 55.31 ng/mL
RT: 9.98 min Scan# 708
Delta R.T. -0.00 min
Lab File: BF093605.D
Acq: 13 Mar 2017 14:19

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	279234		
63	58.1	40.2	60.4	
89	83.6	62.5	93.7	
182	2.3	1.8	2.8	





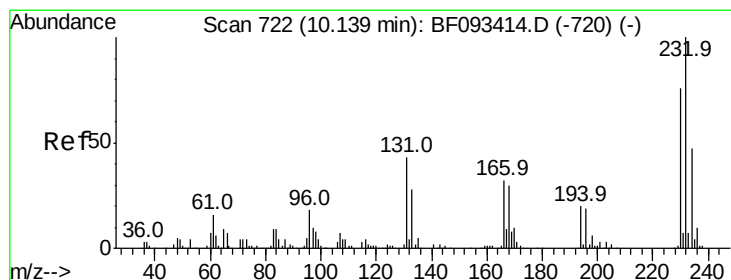
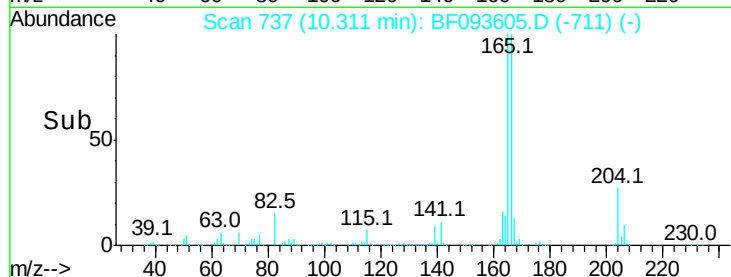
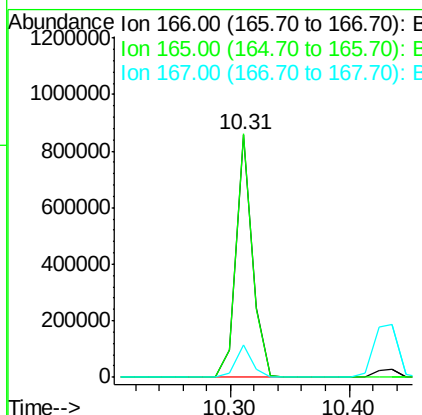
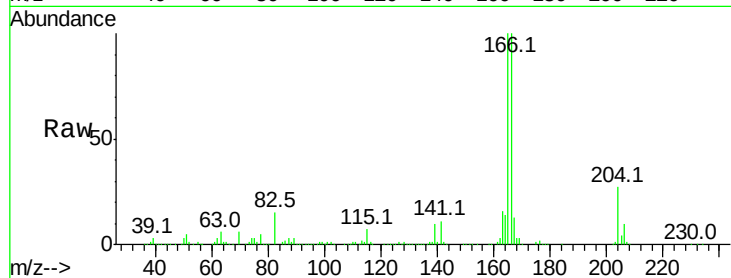
#57
Fluorene
Concen: 50.92 ng
RT: 10.31 min Scan# 737
Delta R.T. -0.00 min
Lab File: BF093605.D
Acq: 13 Mar 2017 14:19

Instrument :
BNA_F
ClientSampleId :
D-64MS

Tot Ion	Ratio	Lower	Upper
166	100		
165	100.4	77.8	116.8
167	13.4	10.8	16.2

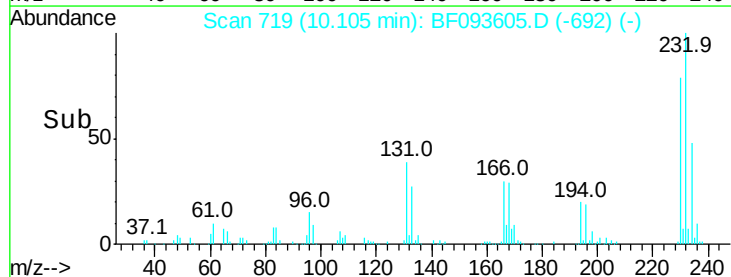
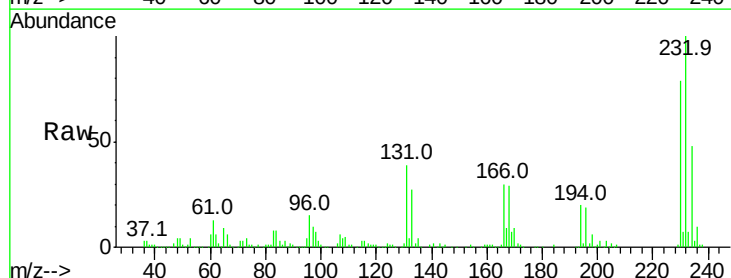
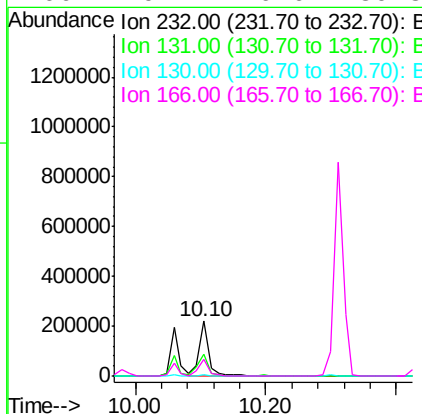
Manual Integrations
APPROVED

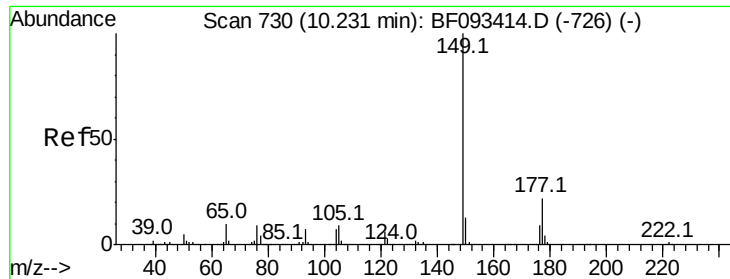
mohammad
3/15/2017 5:37:33 PM



#58
2,3,4,6-Tetrachlorophenol
Concen: 62.28 ng
RT: 10.10 min Scan# 719
Delta R.T. 0.01 min
Lab File: BF093605.D
Acq: 13 Mar 2017 14:19

Tgt Ion	Ratio	Lower	Upper
232	100		
131	44.2	40.1	60.1
130	2.1	1.8	2.8
166	29.4	26.6	39.8





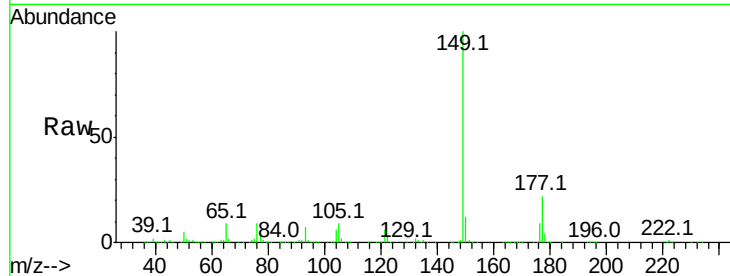
#59
Diethylphthalate
Concen: 54.42 ng
RT: 10.20 min Scan# 727
Delta R.T. 0.01 min
Lab File: BF093605.D
Acq: 13 Mar 2017 14:19

Instrument :
BNA_F
ClientSampled :
D-64MS

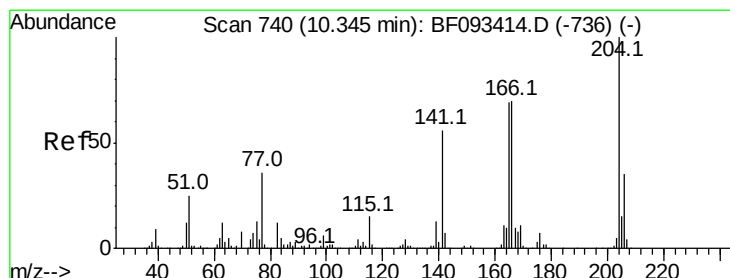
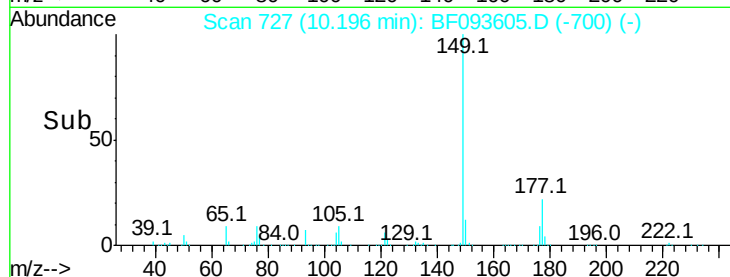
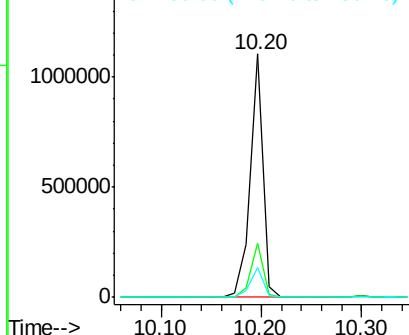
Tot Ion	Ratio	Resp	Lower	Upper
149	100	974098		
177	22.3	16.6	25.0	
150	12.4	10.4	15.6	

Manual Integrations
APPROVED

mohammad
3/15/2017 5:37:33 PM

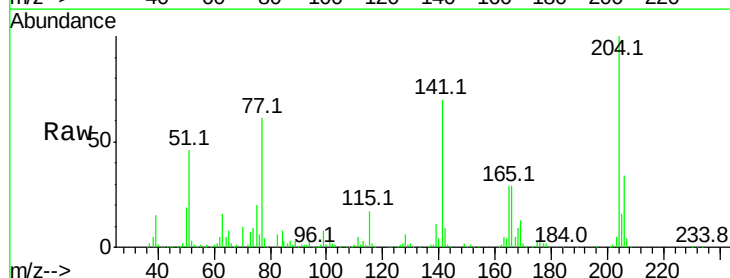


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

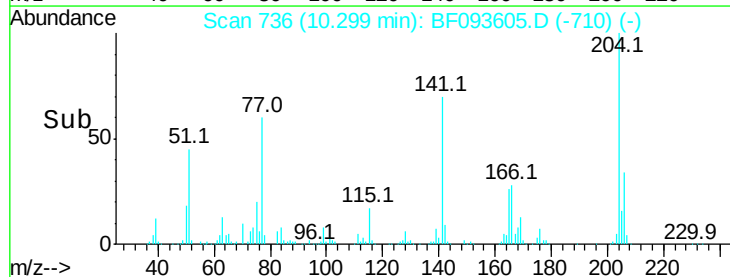
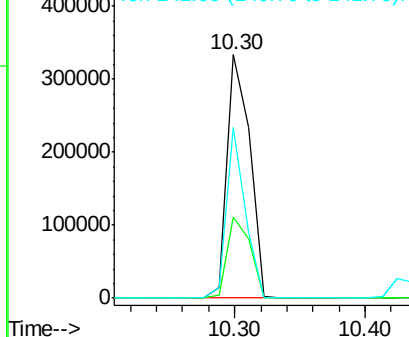


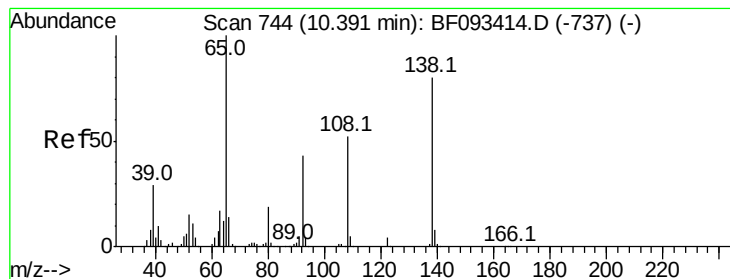
#60
4-Chlorophenyl-phenylether
Concen: 55.13 ng
RT: 10.30 min Scan# 736
Delta R.T. -0.00 min
Lab File: BF093605.D
Acq: 13 Mar 2017 14:19

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	402596		
206	33.5	25.8	38.6	
141	70.0	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





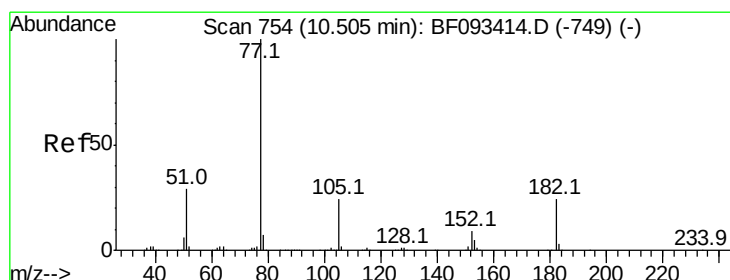
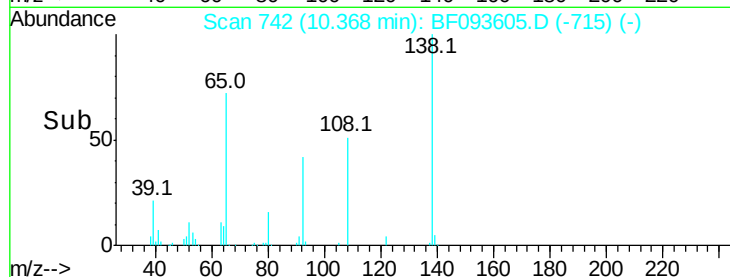
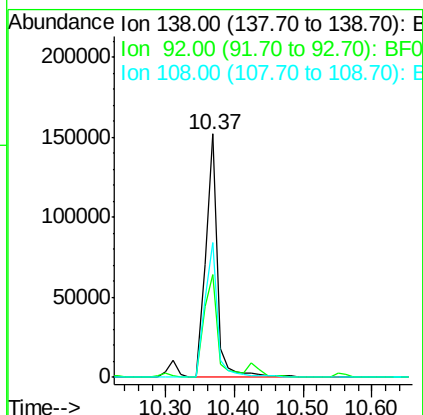
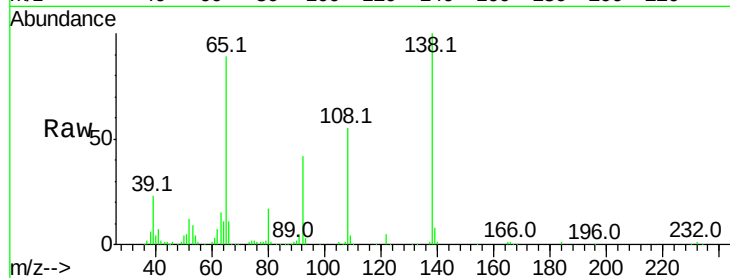
#61
4-Nitroaniline
Concen: 35.69 ng
RT: 10.37 min Scan# 742
Delta R.T. 0.01 min
Lab File: BF093605.D
Acq: 13 Mar 2017 14:19

Instrument :
BNA_F
ClientSampled :
D-64MS

Tot Ion	Ratio	Lower	Upper
138	100		
92	42.2	31.7	71.7
108	55.3	52.6	92.6

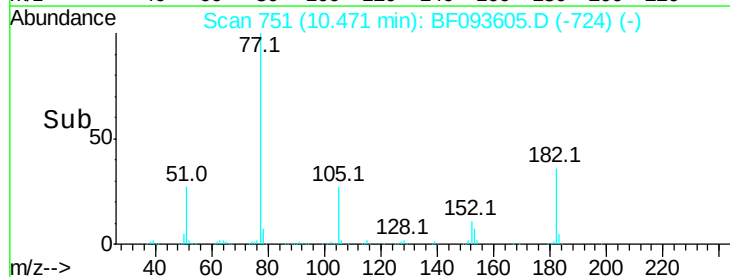
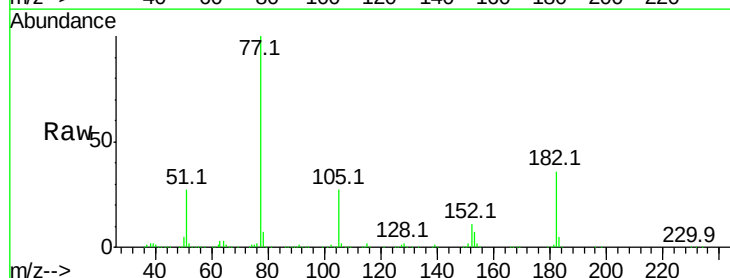
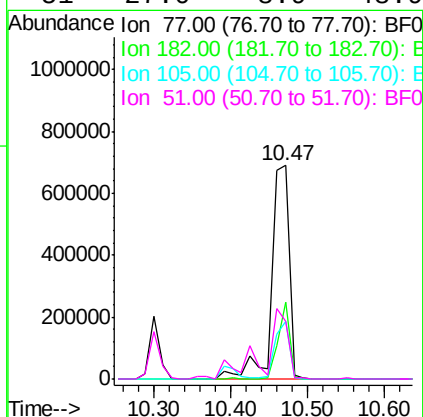
Manual Integrations
APPROVED

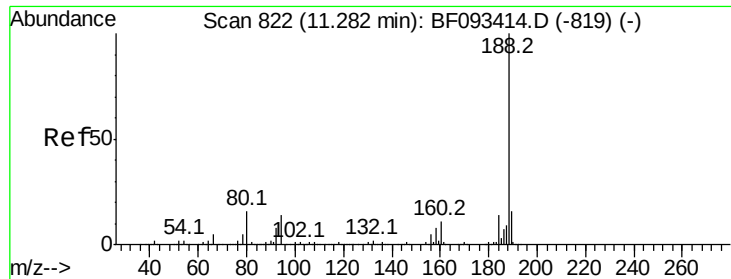
mohammad
3/15/2017 5:37:33 PM



#62
Azobenzene
Concen: 53.12 ng
RT: 10.47 min Scan# 751
Delta R.T. 0.01 min
Lab File: BF093605.D
Acq: 13 Mar 2017 14:19

Tgt Ion	Ratio	Lower	Upper
77	100		
182	35.8	0.0	39.3
105	27.1	2.3	42.3
51	27.0	8.9	48.9





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.25 min Scan# 819

Delta R.T. -0.00 min

Lab File: BF093605.D

Acq: 13 Mar 2017 14:19

Instrument :

BNA_F

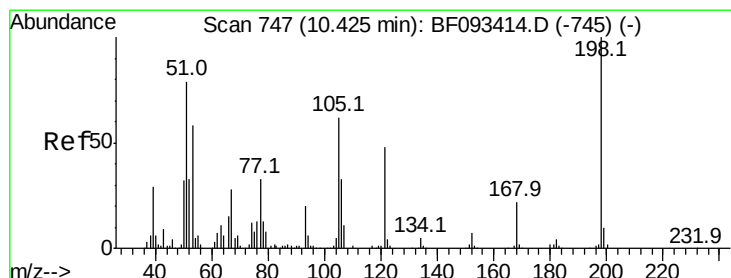
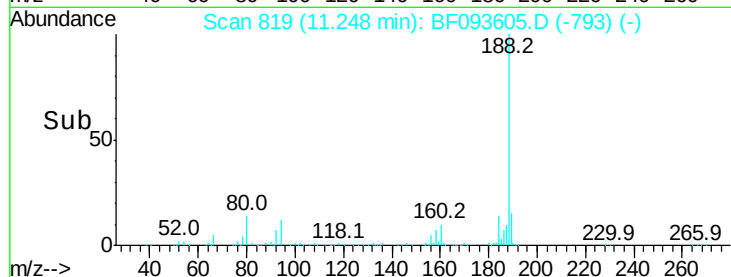
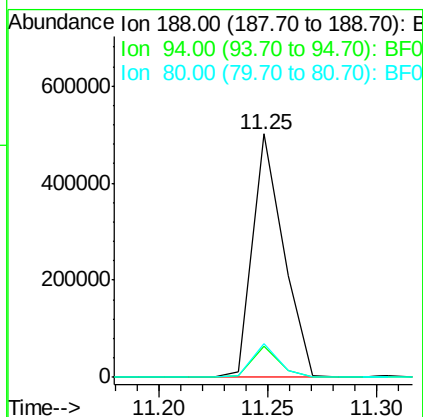
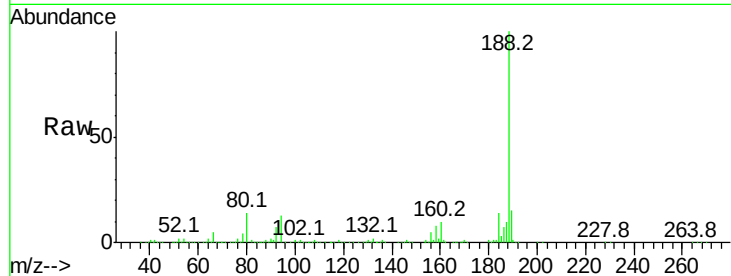
ClientSampleId :

D-64MS

Tot Ion:	188	Resp:	497531
Ion Ratio	Lower	Upper	
188	100		
94	12.9	10.0	15.0
80	13.9	11.2	16.8

Manual Integrations
APPROVED

mohammad
3/15/2017 5:37:33 PM



#64

4,6-Dinitro-2-methylphenol

Concen: 47.43 ng

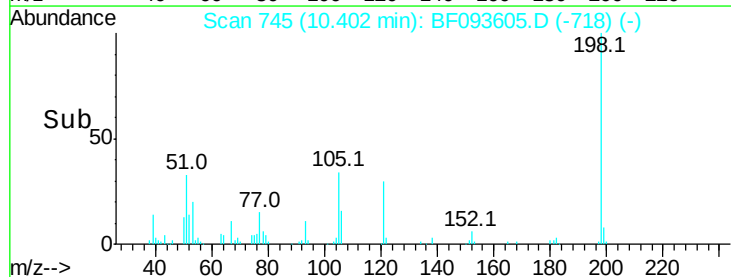
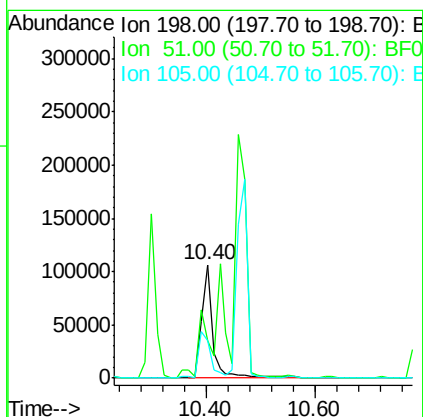
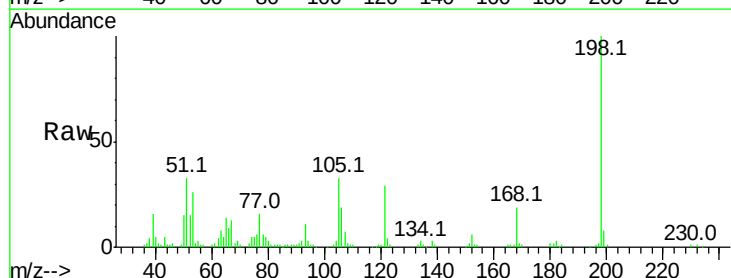
RT: 10.40 min Scan# 745

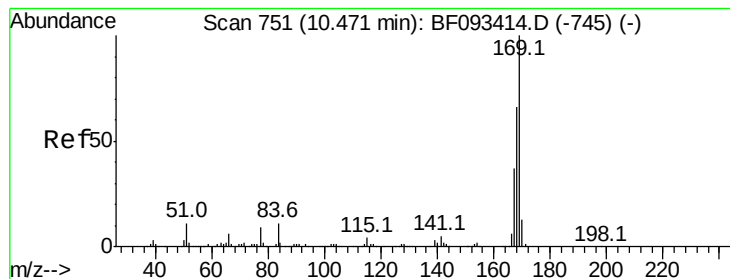
Delta R.T. 0.01 min

Lab File: BF093605.D

Acq: 13 Mar 2017 14:19

Tgt Ion:	198	Resp:	152888
Ion Ratio	Lower	Upper	
198	100		
51	33.0	6.7	46.7
105	32.9	16.6	56.6





#65

n-Nitrosodiphenylamine

Concen: 43.20 ng

RT: 10.44 min Scan# 748

Delta R.T. 0.01 min

Lab File: BF093605.D

Acq: 13 Mar 2017 14:19

Instrument :

BNA_F

ClientSampleId :

D-64MS

Tot Ion:169 Resp: 717733

Ion Ratio Lower Upper

169 100

168 68.6 54.2 81.2

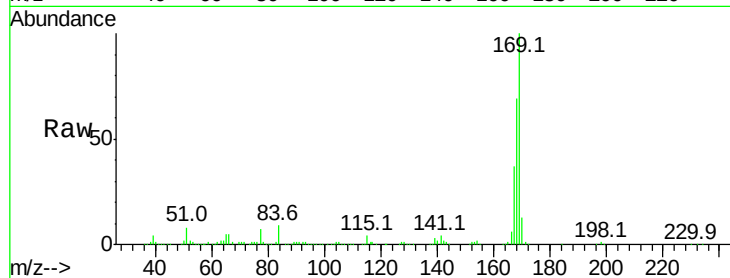
167 37.2 30.2 45.4

Manual Integrations

APPROVED

mohammad

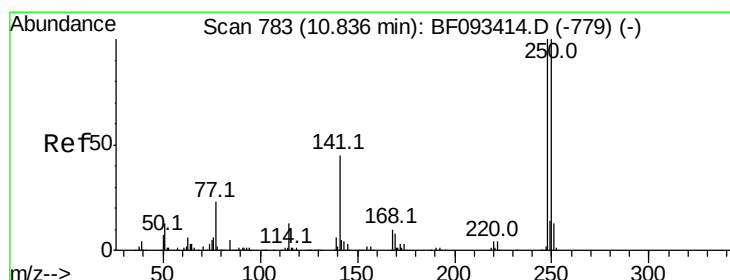
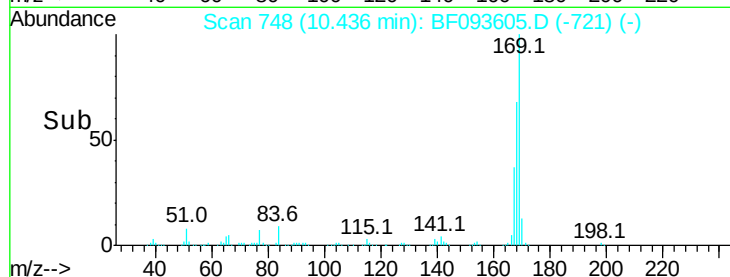
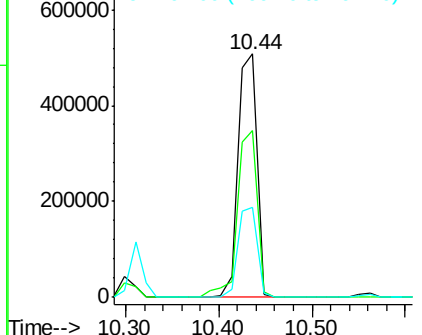
3/15/2017 5:37:33 PM



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: 46.53 ng

RT: 10.79 min Scan# 779

Delta R.T. -0.00 min

Lab File: BF093605.D

Acq: 13 Mar 2017 14:19

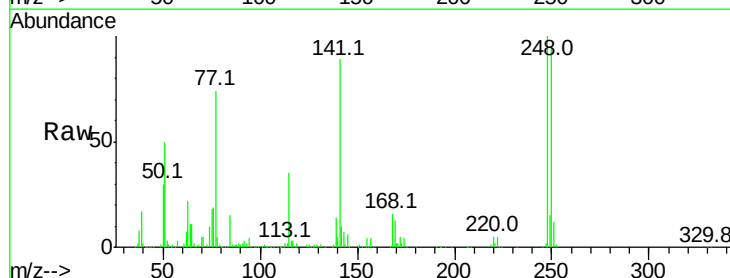
Tgt Ion:248 Resp: 244795

Ion Ratio Lower Upper

248 100

250 95.1 76.9 115.3

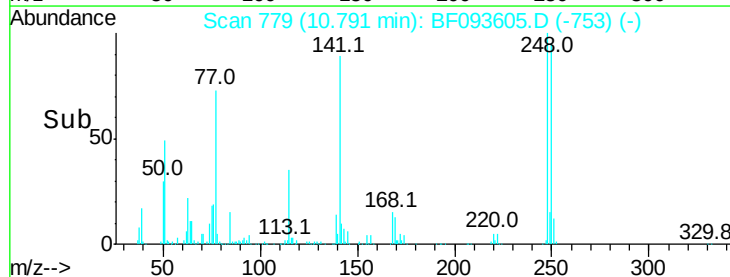
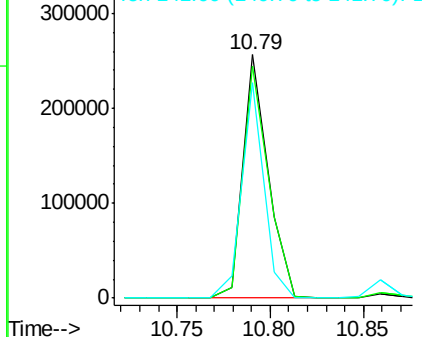
141 88.7 68.2 102.4

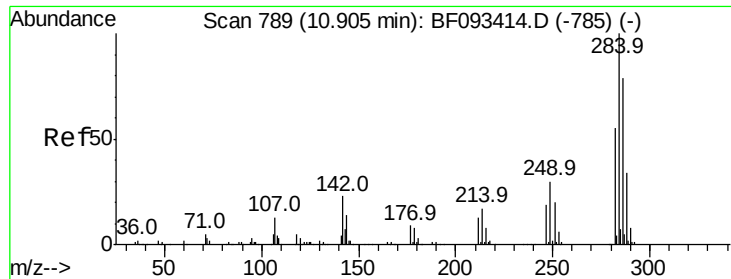


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 46.96 ng

RT: 10.86 min Scan# 785

Delta R.T. -0.00 min

Lab File: BF093605.D

Acq: 13 Mar 2017 14:19

Instrument :

BNA_F

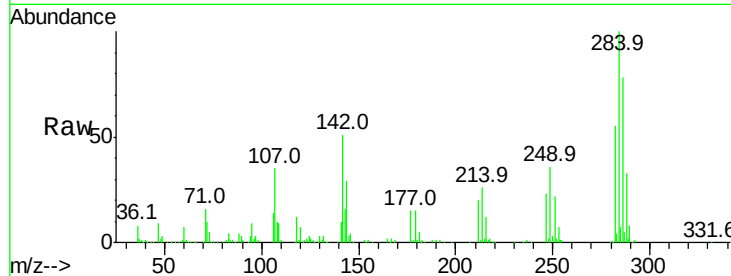
ClientSampled :

D-64MS

Tot Ion	Ratio	Resp	Lower	Upper
284	100	235933		
142	51.4	22.6	33.8#	
249	35.9	25.4	38.0	

Manual Integrations
APPROVED

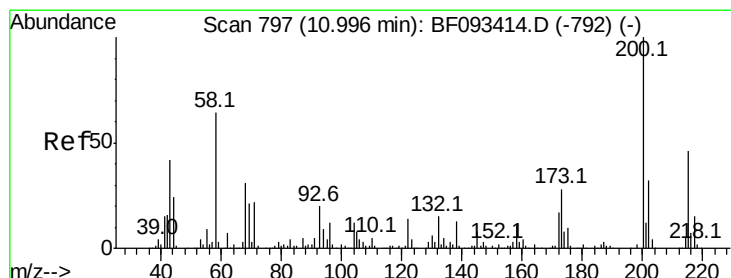
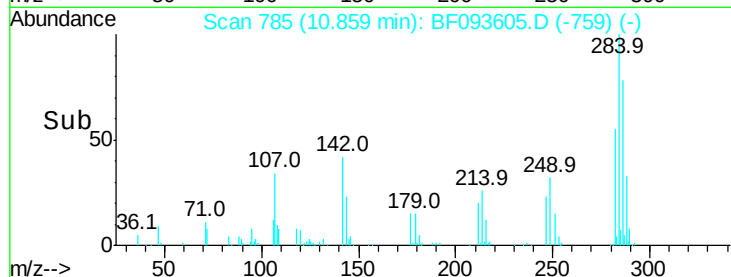
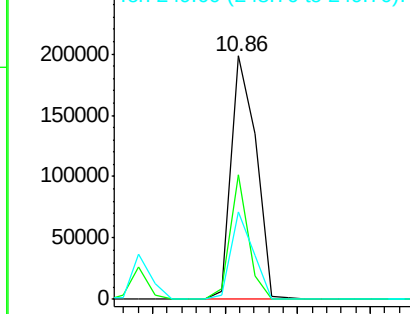
mohammad
3/15/2017 5:37:33 PM



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: 33.23 ng

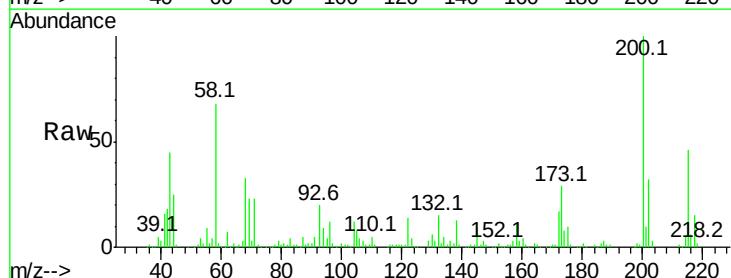
RT: 10.96 min Scan# 794

Delta R.T. 0.01 min

Lab File: BF093605.D

Acq: 13 Mar 2017 14:19

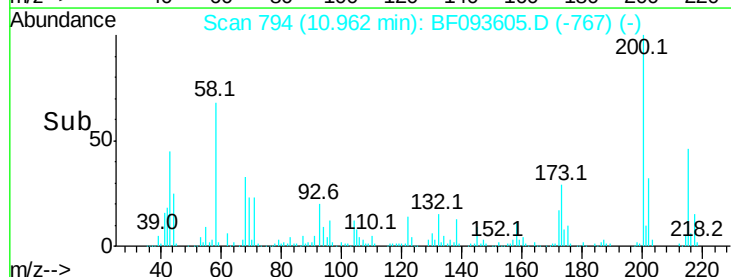
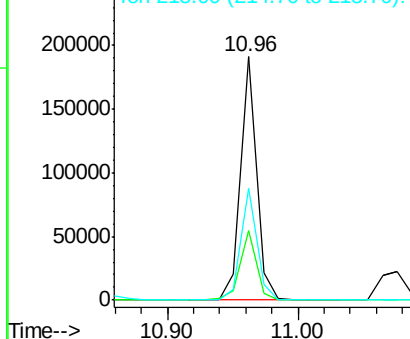
Tgt Ion	Ratio	Resp	Lower	Upper
200	100	161598		
173	28.6	9.6	49.6	
215	45.8	25.7	65.7	

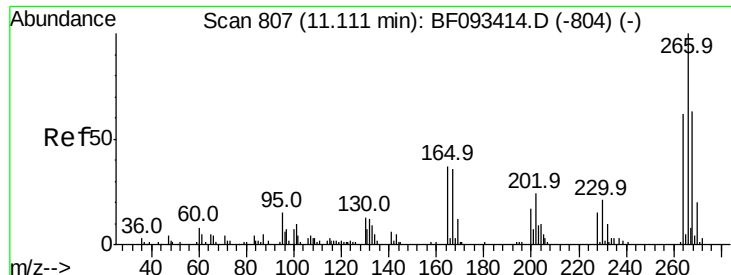


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E





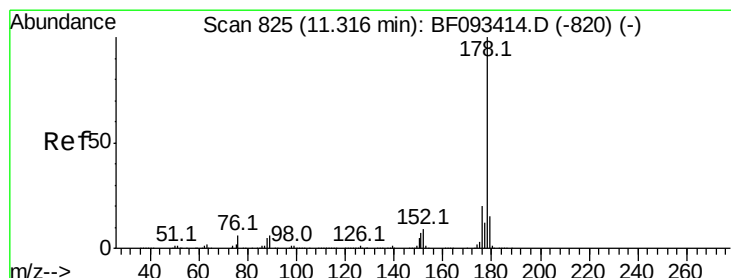
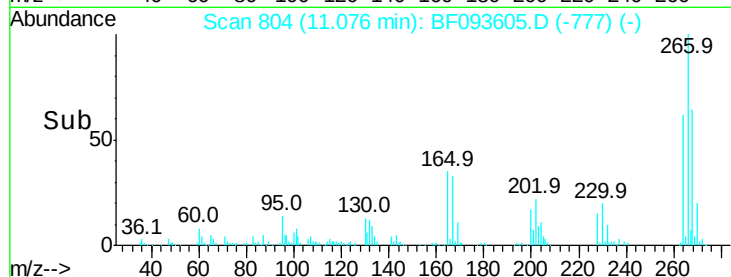
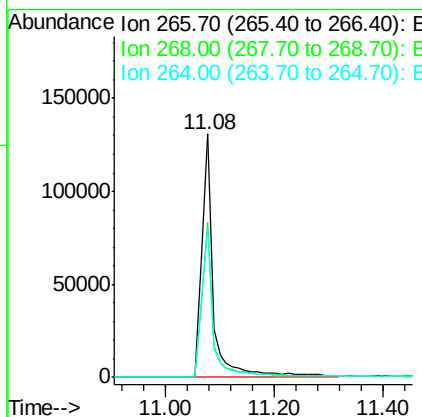
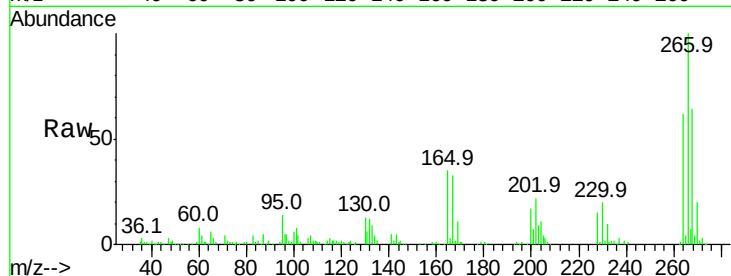
#69
 Pentachlorophenol
 Concen: 111.24 ng
 RT: 11.08 min Scan# 804
 Delta R.T. 0.01 min
 Lab File: BF093605.D
 Acq: 13 Mar 2017 14:19

Instrument :
 BNA_F
 ClientSampleId :
 D-64MS

Tot Ion	Ratio	Resp	Lower	Upper
266	100	192955		
268	63.5	53.3	79.9	
264	61.9	50.3	75.5	

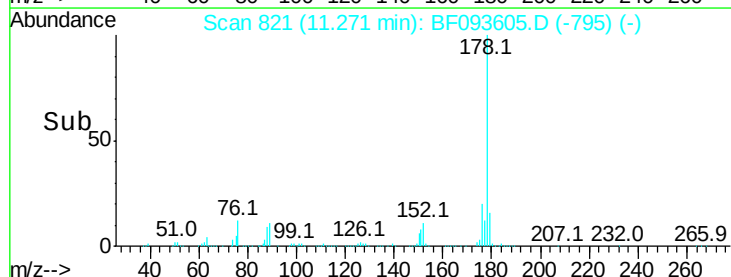
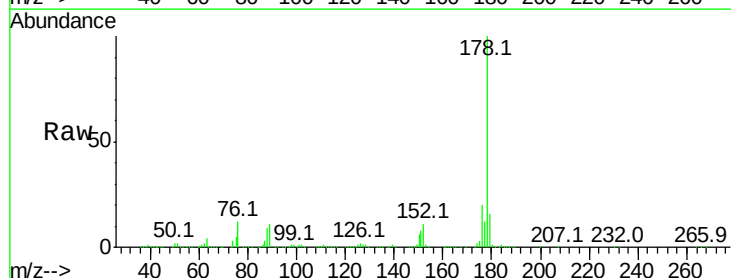
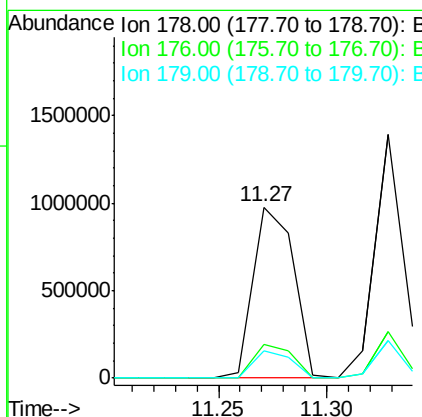
Manual Integrations
 APPROVED

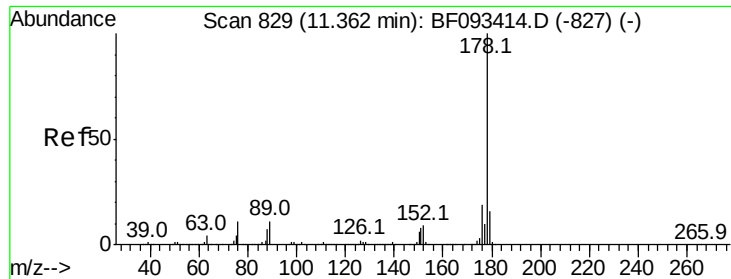
mohammad
 3/15/2017 5:37:33 PM



#70
 Phenanthrene
 Concen: 44.99 ng
 RT: 11.27 min Scan# 821
 Delta R.T. -0.00 min
 Lab File: BF093605.D
 Acq: 13 Mar 2017 14:19

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	1277799		
176	19.6	16.6	25.0	
179	16.1	12.8	19.2	





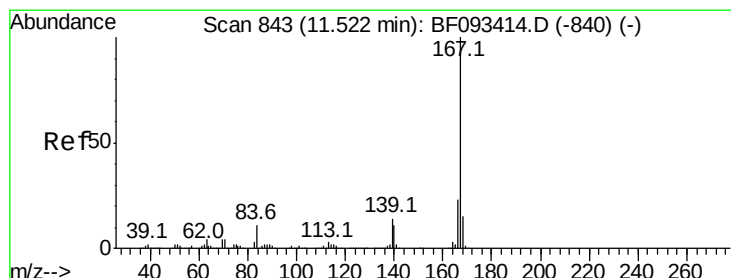
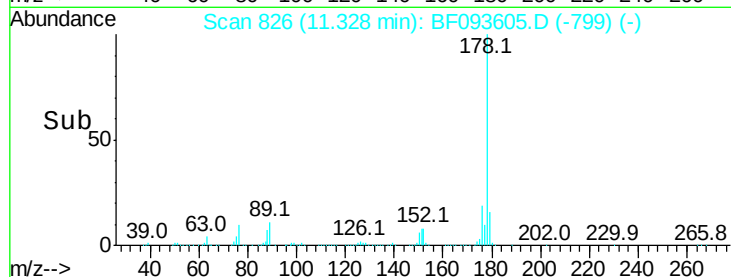
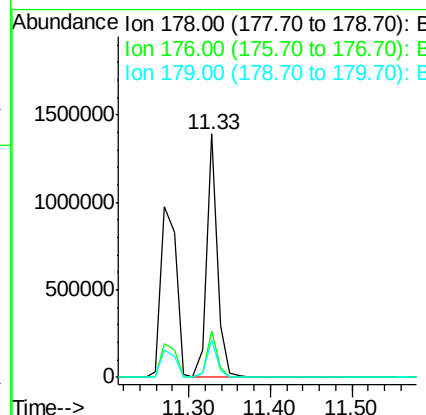
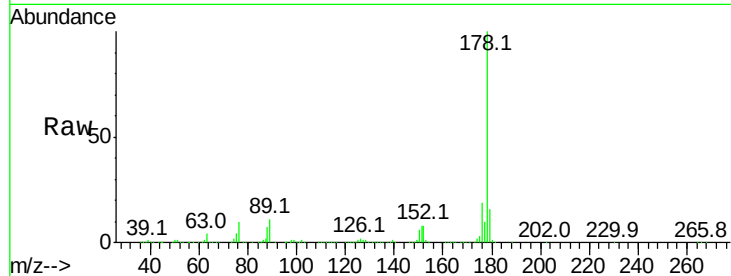
#71
 Anthracene
 Concen: 45.00 ng
 RT: 11.33 min Scan# 826
 Delta R.T. 0.01 min
 Lab File: BF093605.D
 Acq: 13 Mar 2017 14:19

Instrument :
 BNA_F
 ClientSampleId :
 D-64MS

Tot Ion:178 Resp: 1292767
 Ion Ratio Lower Upper
 178 100
 176 19.4 15.9 23.9
 179 15.6 13.2 19.8

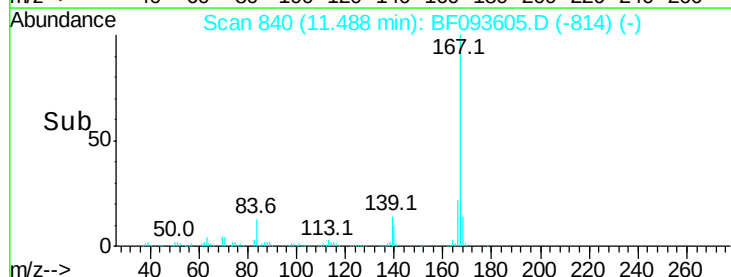
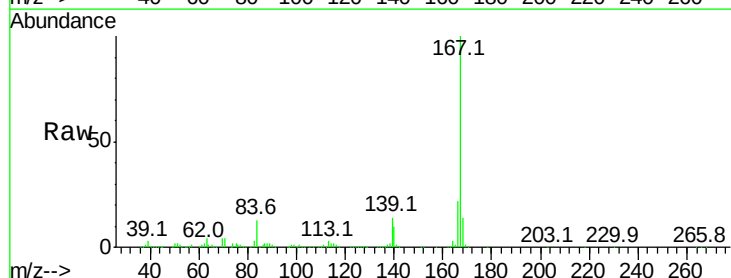
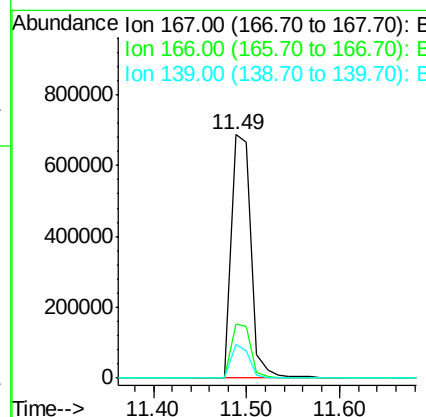
Manual Integrations
 APPROVED

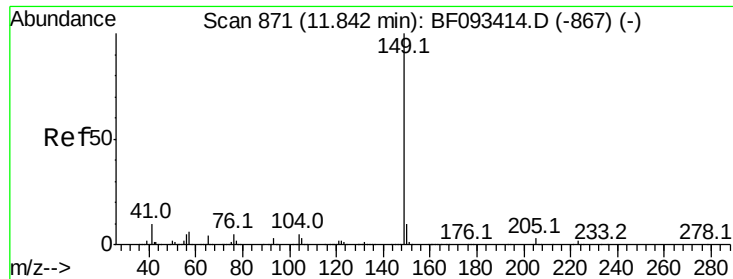
mohammad
 3/15/2017 5:37:33 PM



#72
 Carbazole
 Concen: 37.34 ng
 RT: 11.49 min Scan# 840
 Delta R.T. -0.00 min
 Lab File: BF093605.D
 Acq: 13 Mar 2017 14:19

Tgt Ion:167 Resp: 1007580
 Ion Ratio Lower Upper
 167 100
 166 22.4 18.2 27.2
 139 13.7 11.4 17.2





#73

Di-n-butylphthalate

Concen: 49.01 ng

RT: 11.82 min Scan# 869

Delta R.T. 0.01 min

Lab File: BF093605.D

Acq: 13 Mar 2017 14:19

Instrument :

BNA_F

ClientSampleId :

D-64MS

Tot Ion:149 Resp: 1530339

Ion Ratio Lower Upper

149 100

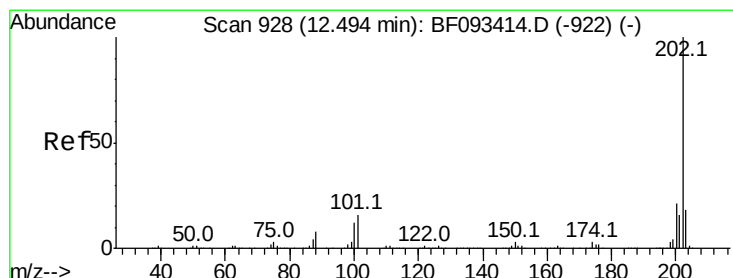
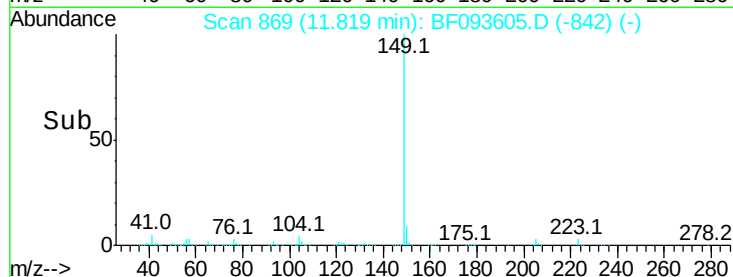
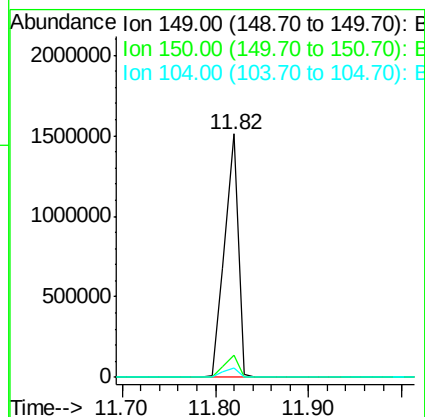
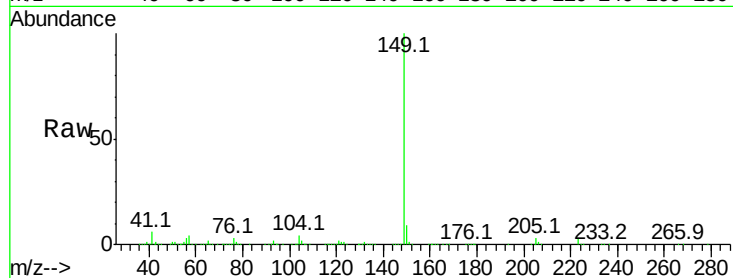
150 9.1 8.1 12.1

104 3.8 4.6 7.0#

Manual Integrations
APPROVED

mohammad

3/15/2017 5:37:33 PM



#74

Fluoranthene

Concen: 45.59 ng

RT: 12.47 min Scan# 926

Delta R.T. 0.01 min

Lab File: BF093605.D

Acq: 13 Mar 2017 14:19

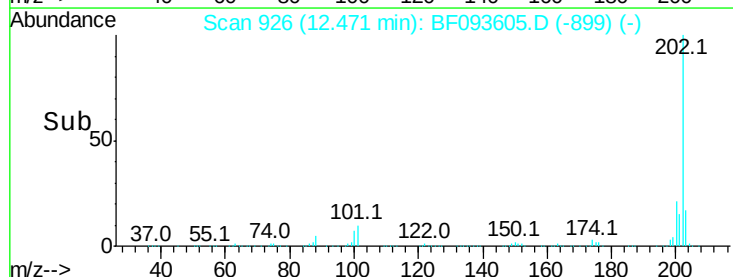
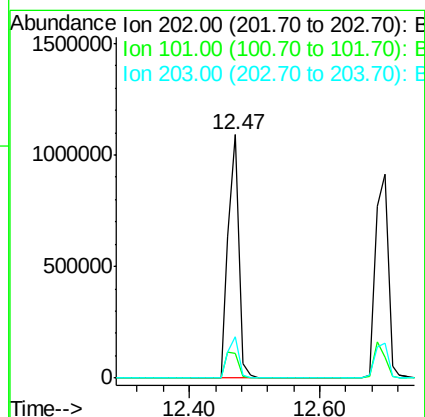
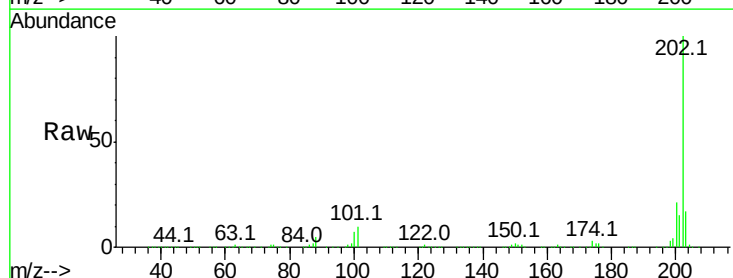
Tgt Ion:202 Resp: 1250600

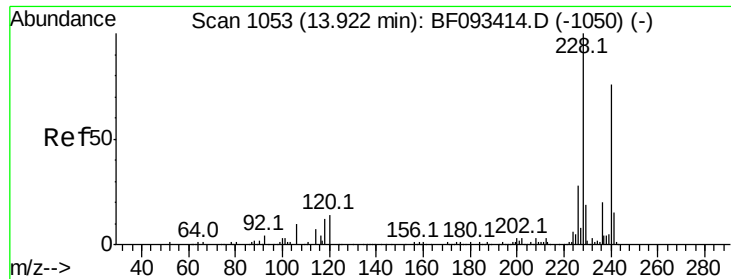
Ion Ratio Lower Upper

202 100

101 10.2 0.0 34.6

203 17.1 0.0 38.7





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.90 min Scan# 1051

Delta R.T. 0.01 min

Lab File: BF093605.D

Acq: 13 Mar 2017 14:19

Instrument :

BNA_F

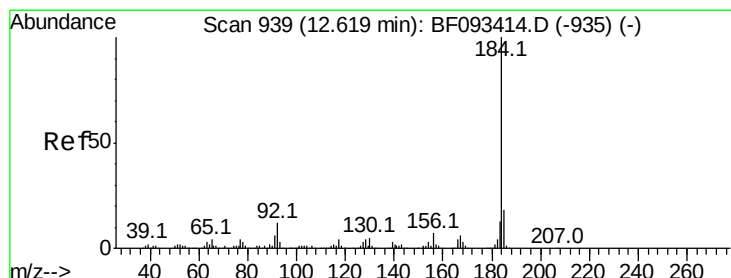
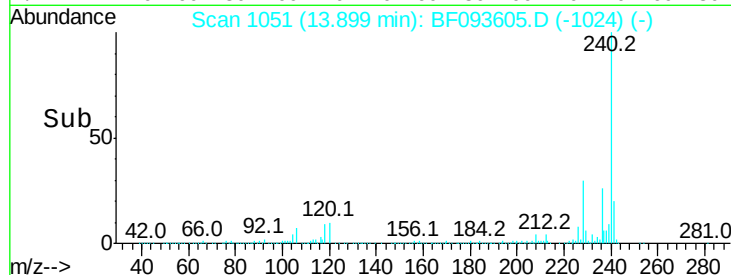
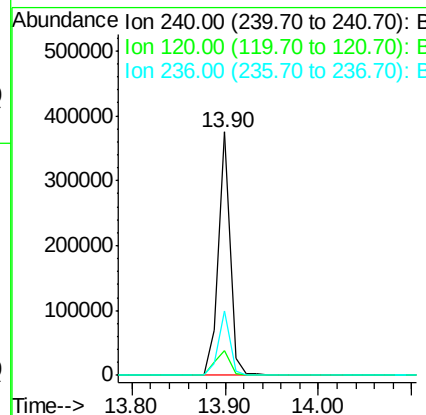
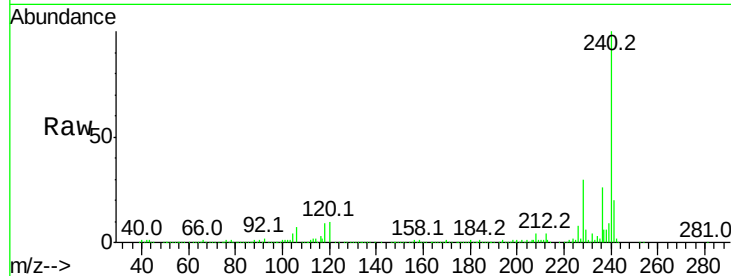
ClientSampled :

D-64MS

Tot Ion:	240	Resp:	328324
Ion Ratio	Lower	Upper	
240	100		
120	10.2	12.9	19.3#
236	26.2	20.9	31.3

Manual Integrations
APPROVED

mohammad
3/15/2017 5:37:33 PM



#76

Benzidine

Concen: 2.12 ng

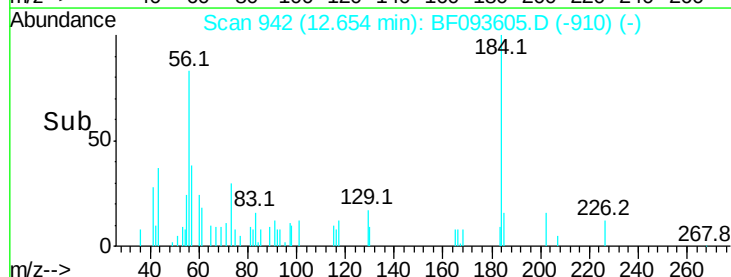
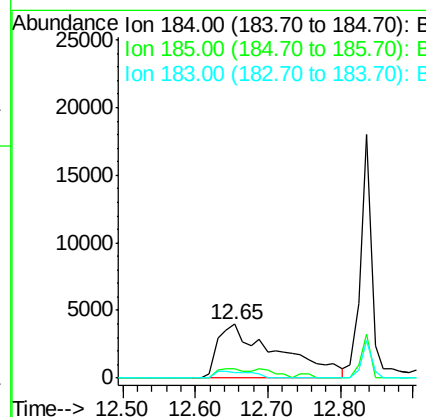
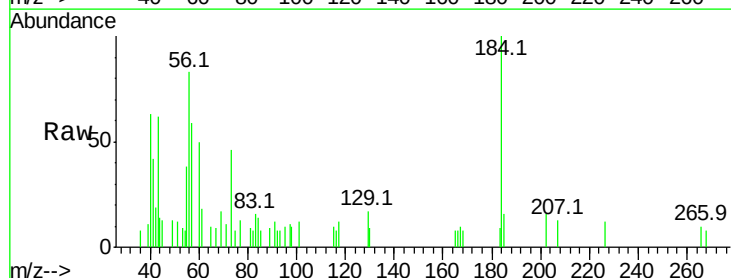
RT: 12.65 min Scan# 942

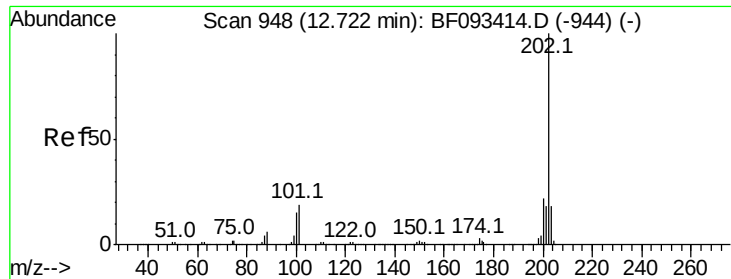
Delta R.T. 0.07 min

Lab File: BF093605.D

Acq: 13 Mar 2017 14:19

Tgt Ion:	184	Resp:	22866
Ion Ratio	Lower	Upper	
184	100		
185	16.2	13.4	20.0
183	9.2	9.2	13.8





#77

Pvrene

Concen: 50.78 ng

RT: 12.70 min Scan# 946

Delta R.T. 0.02 min

Lab File: BF093605.D

Acq: 13 Mar 2017 14:19

Instrument :

BNA_F

ClientSampleId :

D-64MS

Tot Ion:202 Resp: 1212501

Ion Ratio Lower Upper

202 100

200 21.5 17.7 26.5

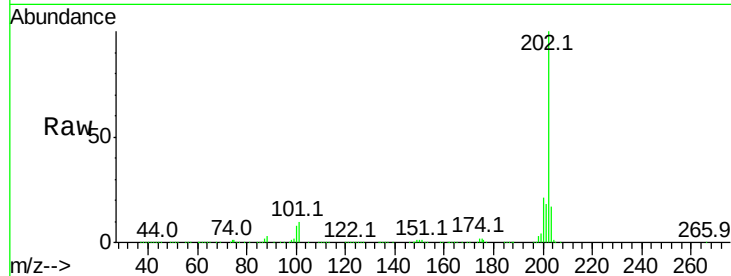
203 17.0 14.7 22.1

Manual Integrations

APPROVED

mohammad

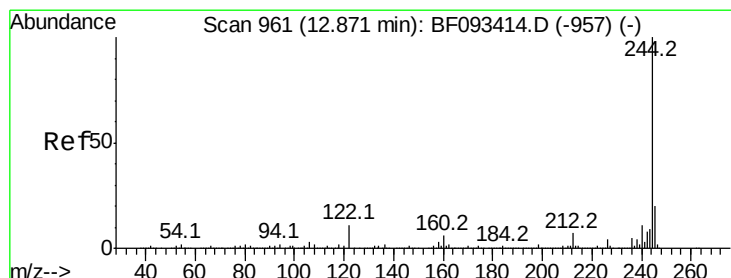
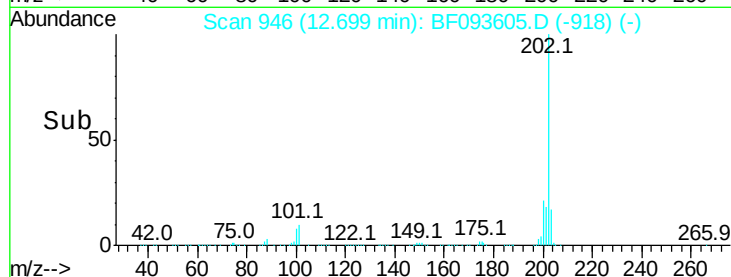
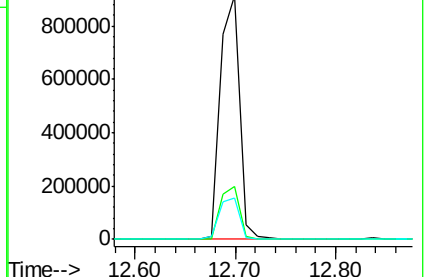
3/15/2017 5:37:33 PM



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 98.38 ng

RT: 12.84 min Scan# 958

Delta R.T. 0.01 min

Lab File: BF093605.D

Acq: 13 Mar 2017 14:19

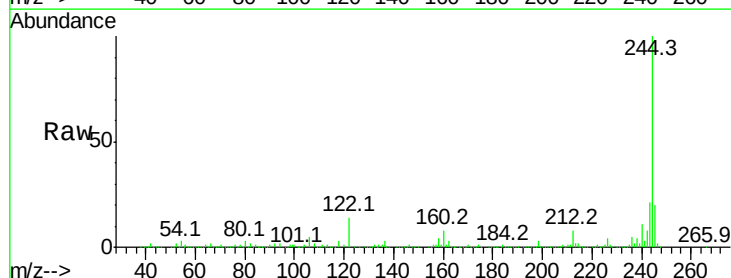
Tgt Ion:244 Resp: 1242310

Ion Ratio Lower Upper

244 100

212 7.9 6.2 9.2

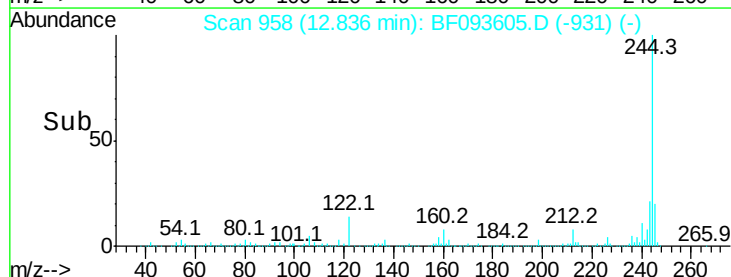
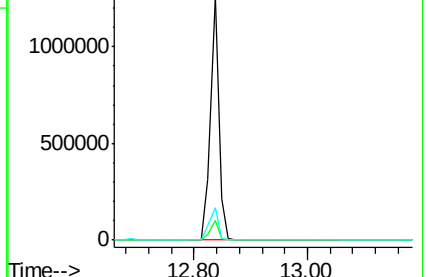
122 13.5 11.4 17.2

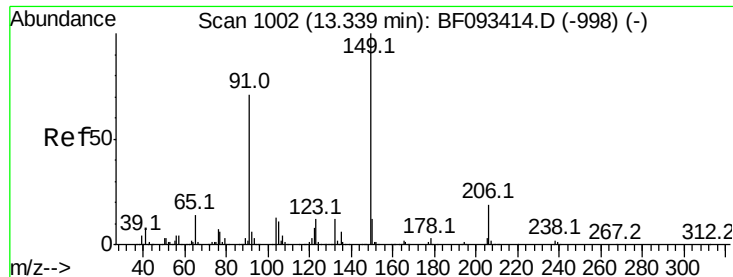


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





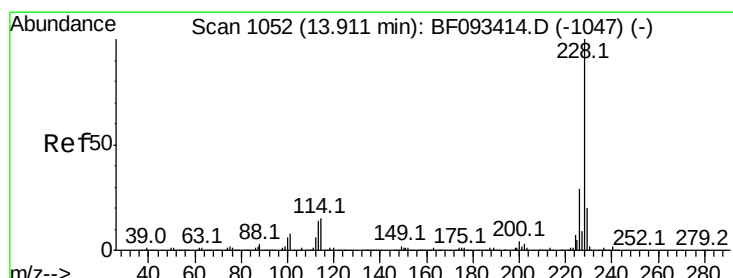
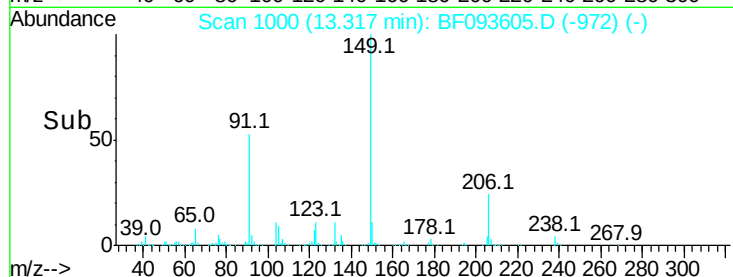
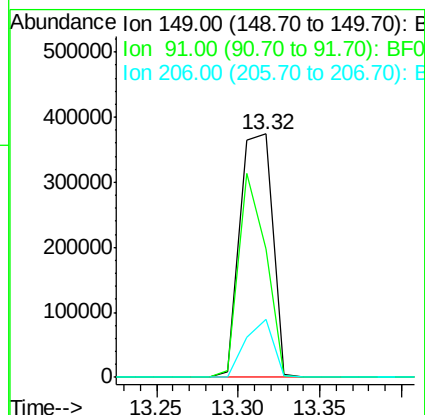
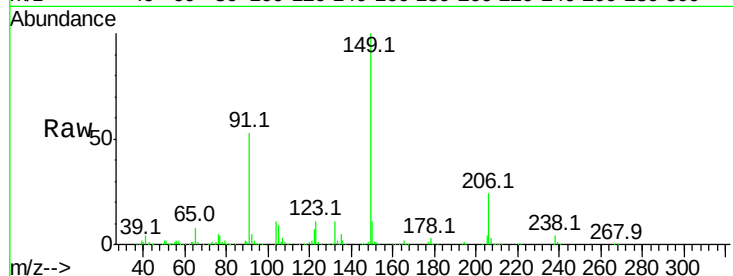
#79
Butylbenzylphthalate
Concen: 51.50 ng
RT: 13.32 min Scan# 1000
Delta R.T. 0.02 min
Lab File: BF093605.D
Acq: 13 Mar 2017 14:19

Instrument :
BNA_F
ClientSampled :
D-64MS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	517672		
91	52.8	63.9	95.9#	
206	24.1	14.6	21.8#	

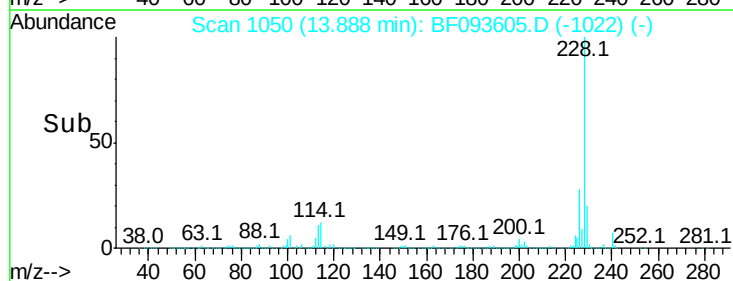
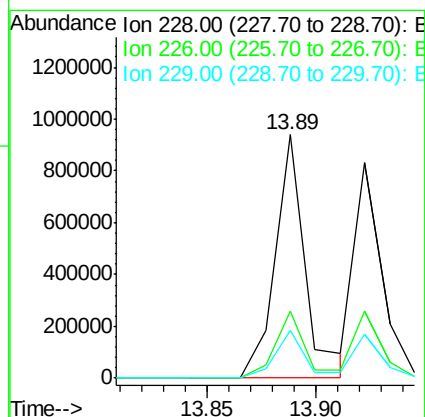
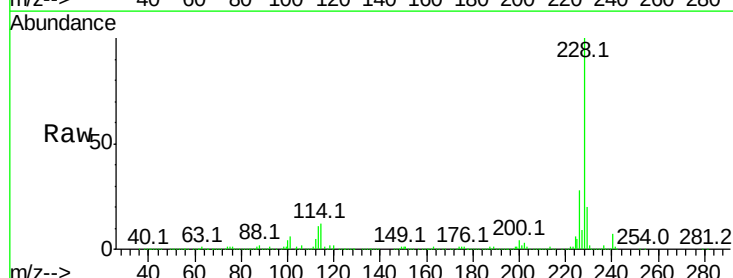
Manual Integrations
APPROVED

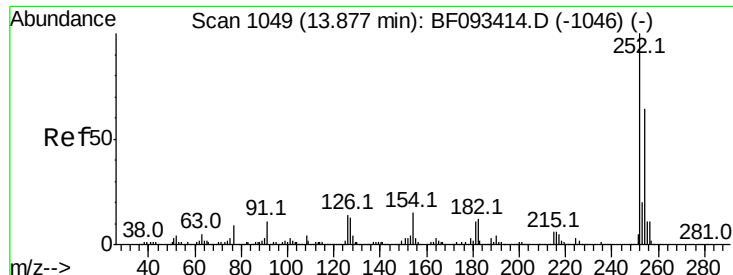
mohammad
3/15/2017 5:37:33 PM



#80
Benzo(a)anthracene
Concen: 47.11 ng
RT: 13.89 min Scan# 1050
Delta R.T. 0.02 min
Lab File: BF093605.D
Acq: 13 Mar 2017 14:19

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	913490		
226	27.5	22.4	33.6	
229	19.6	16.2	24.4	





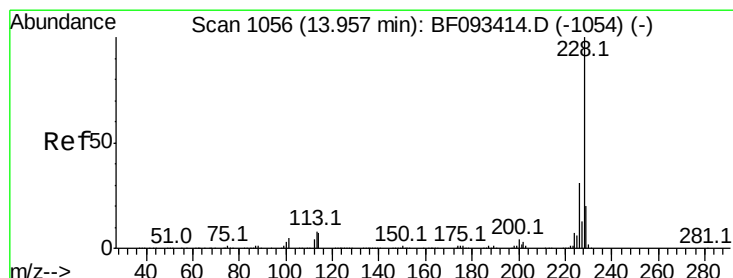
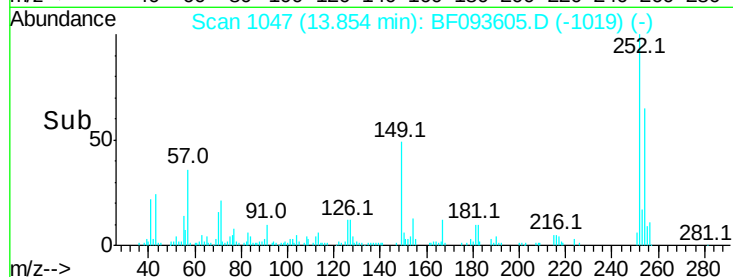
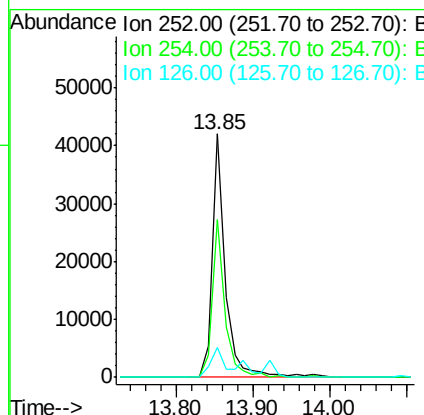
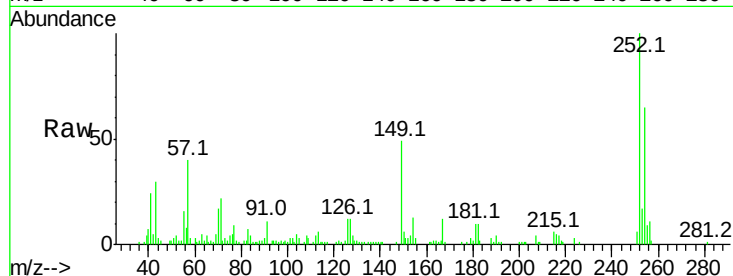
#81
 3,3'-Dichlorobenzidine
 Concen: 7.25 ng
 RT: 13.85 min Scan# 1047
 Delta R.T. 0.02 min
 Lab File: BF093605.D
 Acq: 13 Mar 2017 14:19

Instrument :
 BNA_F
 ClientSampled :
 D-64MS

Tot Ion	Ratio	Resp	Lower	Upper
252	100	49205		
254	64.9	52.3	78.5	
126	12.5	13.6	20.4	

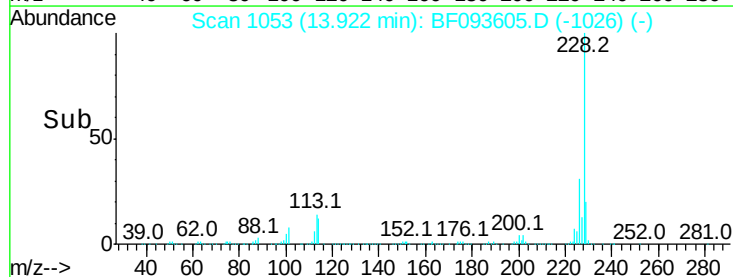
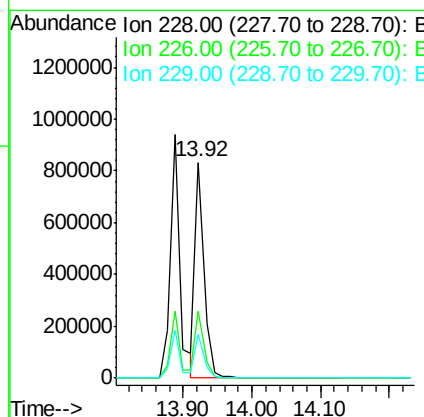
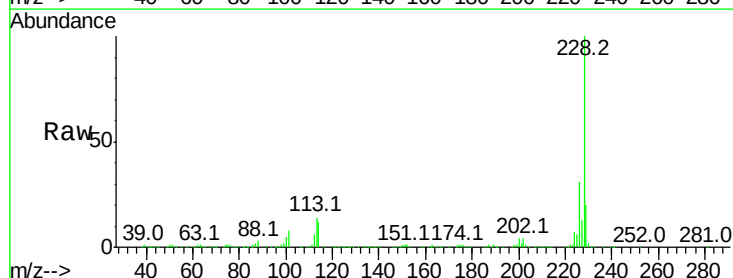
Manual Integrations
 APPROVED

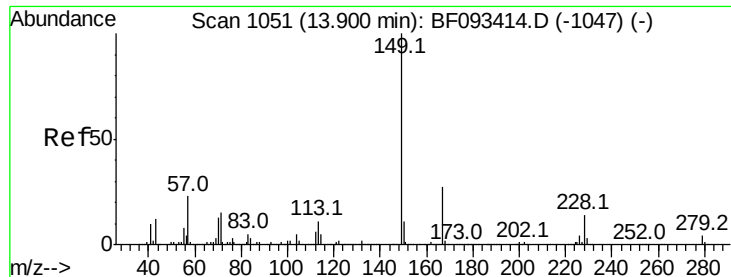
mohammad
 3/15/2017 5:37:33 PM



#82
 Chrysene
 Concen: 41.83 ng
 RT: 13.92 min Scan# 1053
 Delta R.T. 0.01 min
 Lab File: BF093605.D
 Acq: 13 Mar 2017 14:19

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	750308		
226	30.9	25.4	38.0	
229	20.1	16.2	24.2	





#83

Bis(2-ethylhexyl)phthalate

Concen: 47.32 ng

RT: 13.87 min Scan# 1048

Delta R.T. 0.01 min

Lab File: BF093605.D

Acq: 13 Mar 2017 14:19

Instrument :

BNA_F

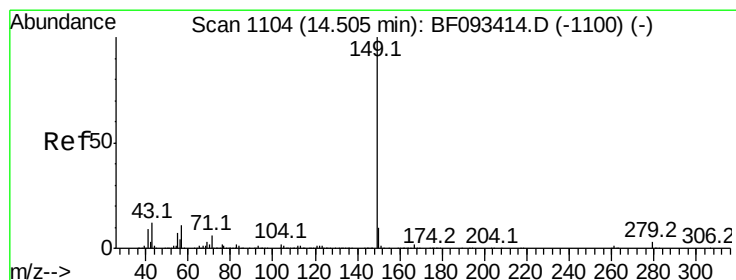
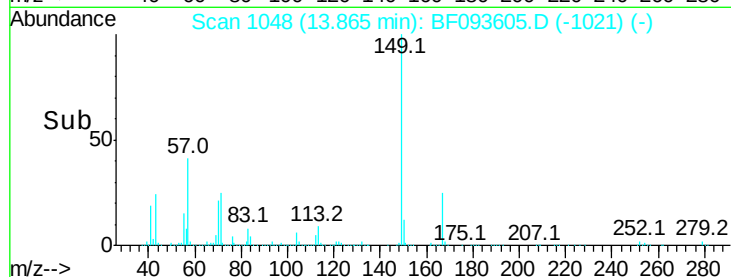
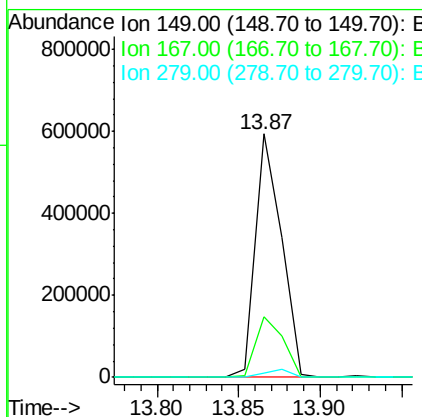
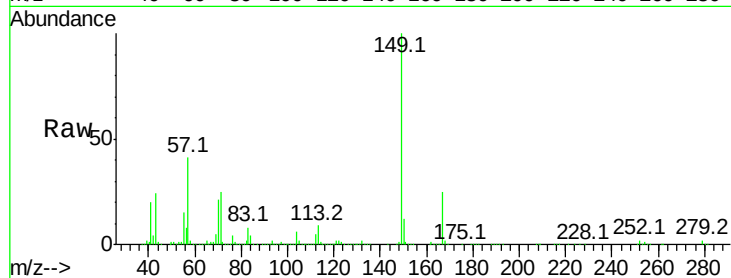
ClientSampleId :

D-64MS

Tot Ion:	149	Resp:	662956
Ion Ratio		Lower	Upper
149	100		
167	25.1	20.2	30.4
279	1.8	1.8	2.8#

Manual Integrations
APPROVED

mohammad
3/15/2017 5:37:33 PM



#84

Di-n-octyl phthalate

Concen: 49.60 ng

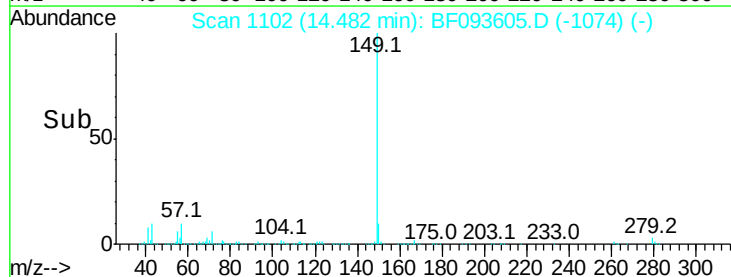
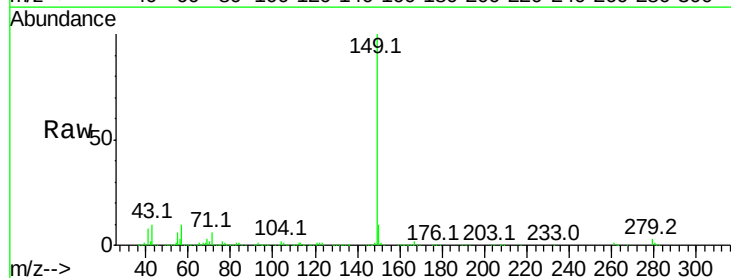
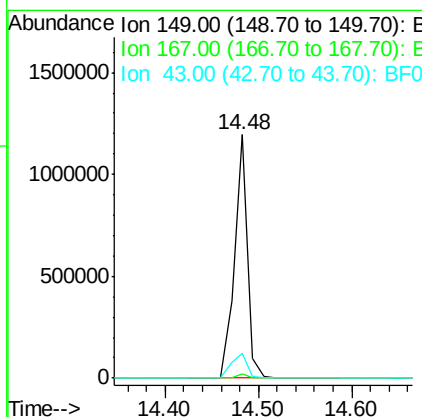
RT: 14.48 min Scan# 1102

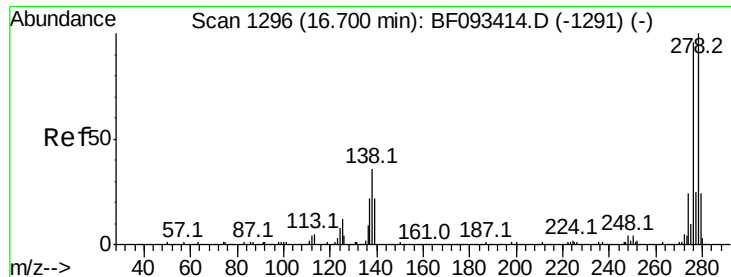
Delta R.T. 0.02 min

Lab File: BF093605.D

Acq: 13 Mar 2017 14:19

Tgt Ion:	149	Resp:	1158189
Ion Ratio		Lower	Upper
149	100		
167	1.6	1.3	1.9
43	12.2	8.9	13.3





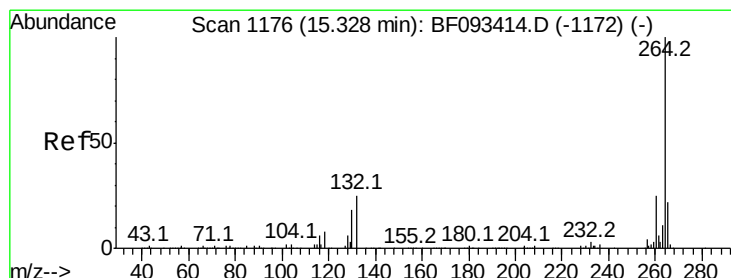
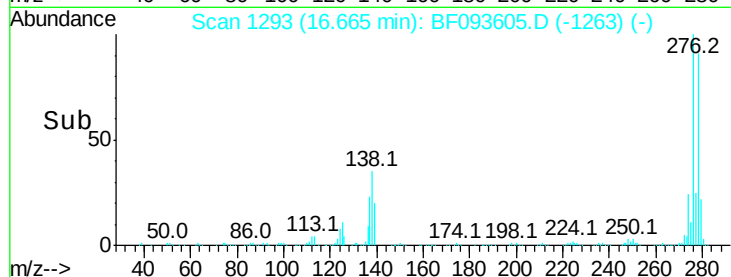
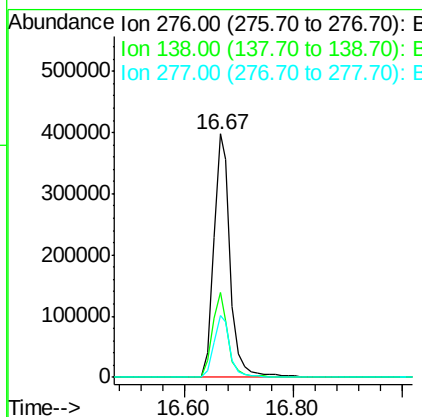
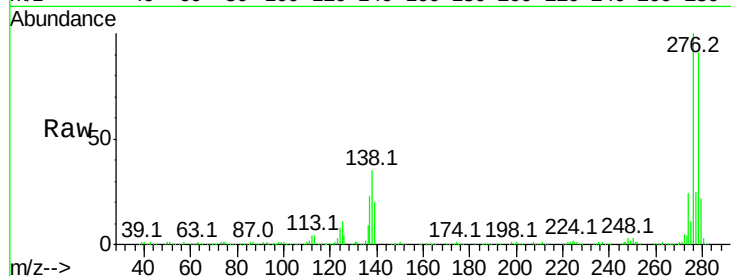
#85
Indeno(1,2,3-cd)pyrene
Concen: 56.93 ng
RT: 16.67 min Scan# 1293
Delta R.T. 0.05 min
Lab File: BF093605.D
Acq: 13 Mar 2017 14:19

Instrument :
BNA_F
ClientSampled :
D-64MS

Tot Ion	Ratio	Resp	Lower	Upper
276	100	854822		
138	33.3	21.8	32.6	
277	25.1	20.2	30.4	

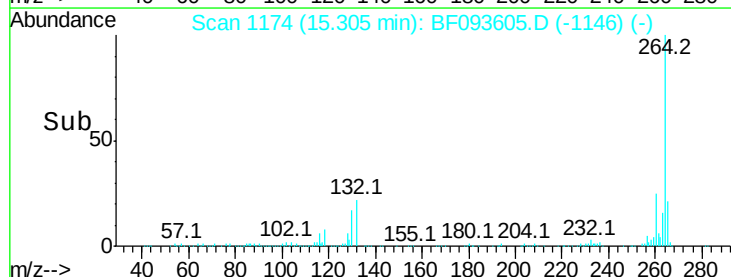
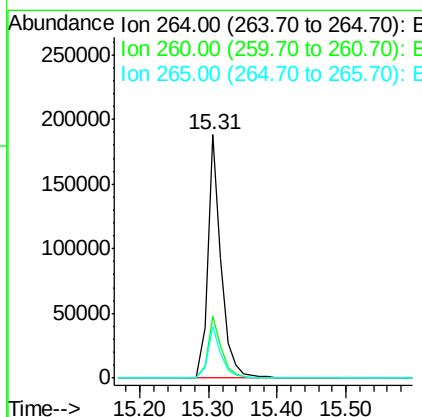
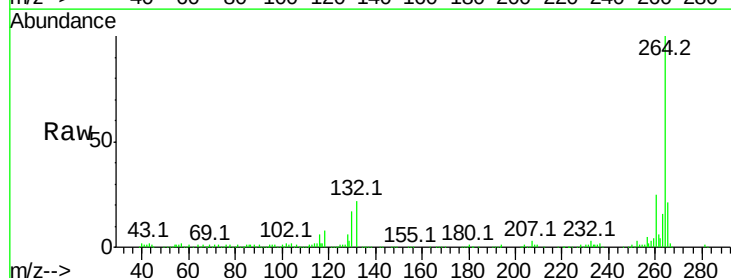
Manual Integrations
APPROVED

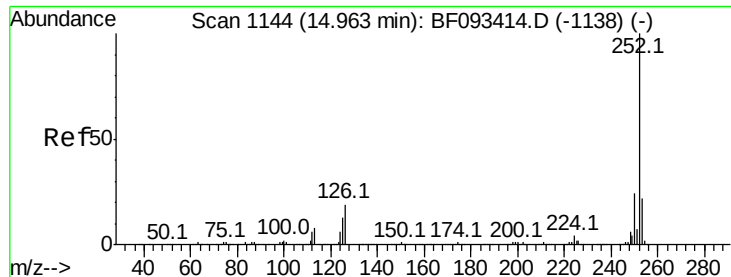
mohammad
3/15/2017 5:37:33 PM



#86
Perylene-d12
Concen: 20.00 ng
RT: 15.31 min Scan# 1174
Delta R.T. 0.02 min
Lab File: BF093605.D
Acq: 13 Mar 2017 14:19

Tgt Ion	Ratio	Resp	Lower	Upper
264	100	252565		
260	25.2	19.2	28.8	
265	21.4	17.4	26.0	





#87

Benzo(b)fluoranthene

Concen: 61.97 ng m

RT: 14.91 min Scan# 1139

Delta R.T. 0.01 min

Lab File: BF093605.D

Acq: 13 Mar 2017 14:19

Instrument :

BNA_F

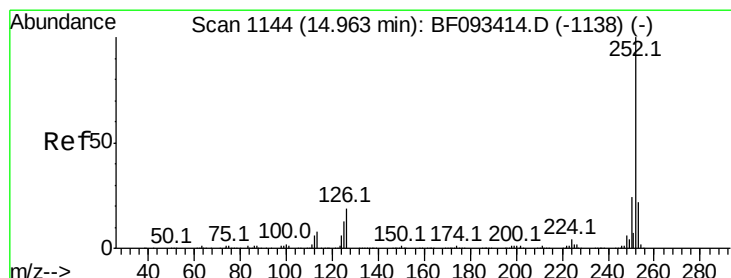
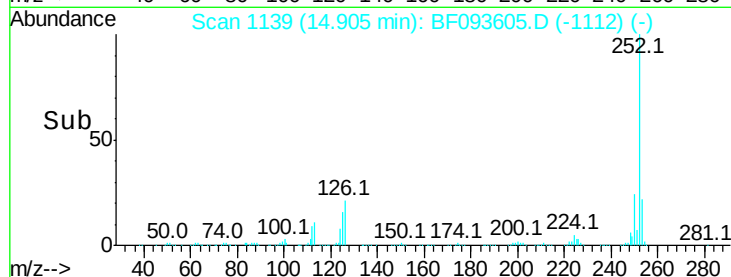
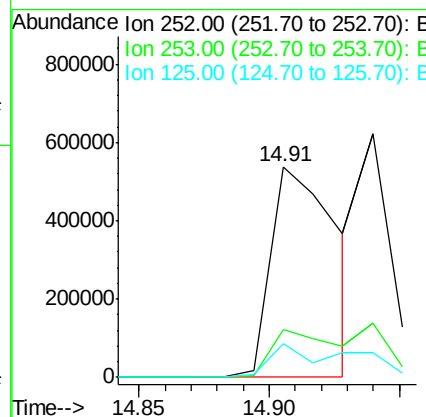
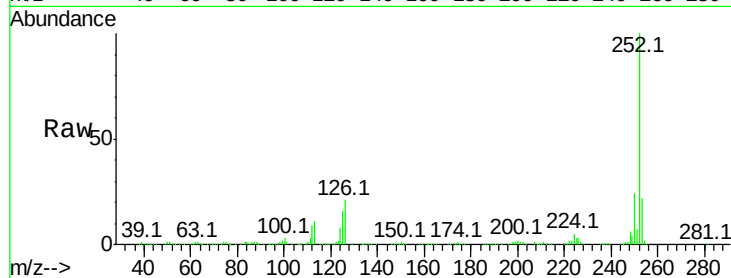
ClientSampleId :

D-64MS

Tot Ion:	252	Resp:	953158
Ion Ratio	Lower	Upper	
252	100		
253	22.4	18.2	27.4
125	16.2	9.8	14.6

Manual Integrations
APPROVED

mohammad
3/15/2017 5:37:33 PM



#88

Benzo(k)fluoranthene

Concen: 37.18 ng m

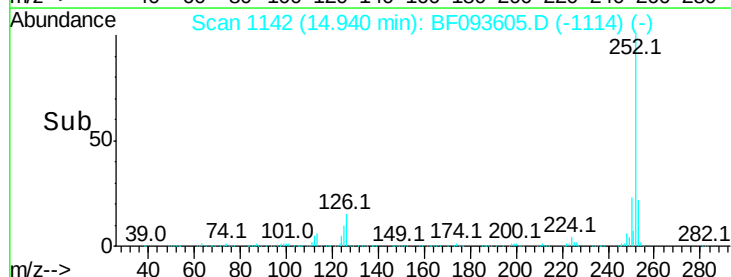
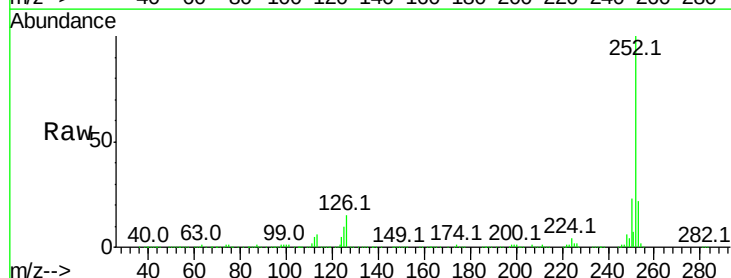
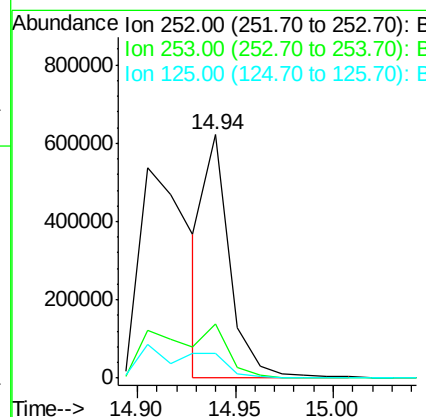
RT: 14.94 min Scan# 1142

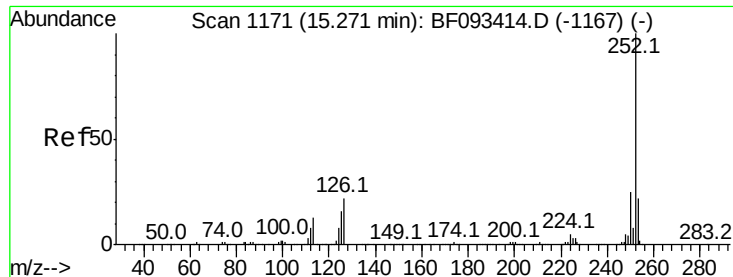
Delta R.T. 0.02 min

Lab File: BF093605.D

Acq: 13 Mar 2017 14:19

Tgt Ion:	252	Resp:	551575
Ion Ratio	Lower	Upper	
252	100		
253	22.2	18.5	27.7
125	9.9	8.9	13.3





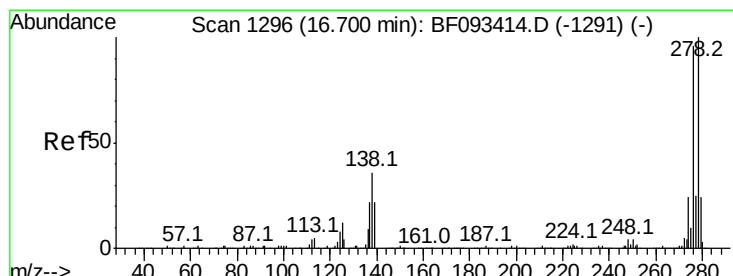
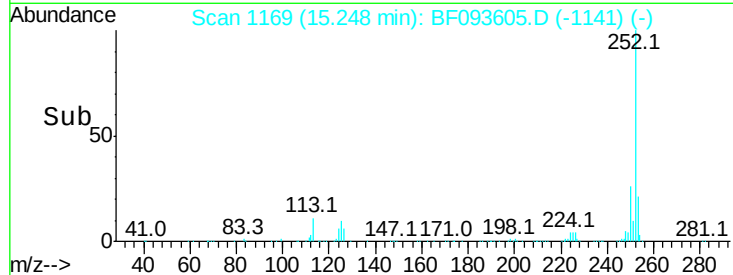
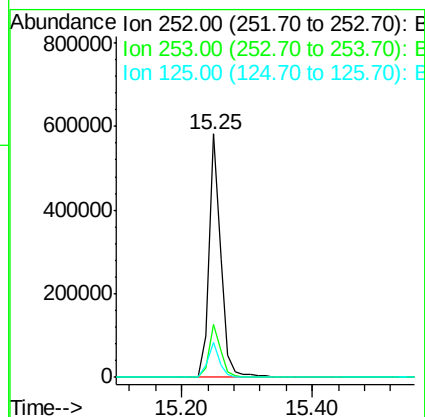
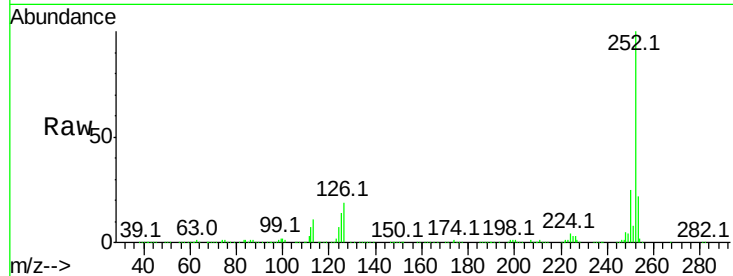
#89
Benzo(a)pyrene
Concen: 51.55 ng
RT: 15.25 min Scan# 1169
Delta R.T. 0.02 min
Lab File: BF093605.D
Acq: 13 Mar 2017 14:19

Instrument :
BNA_F
ClientSampleId :
D-64MS

Tot Ion:	252	Resp:	724686
Ion Ratio	Lower	Upper	
252	100		
253	21.6	18.2	27.2
125	14.4	10.0	15.0

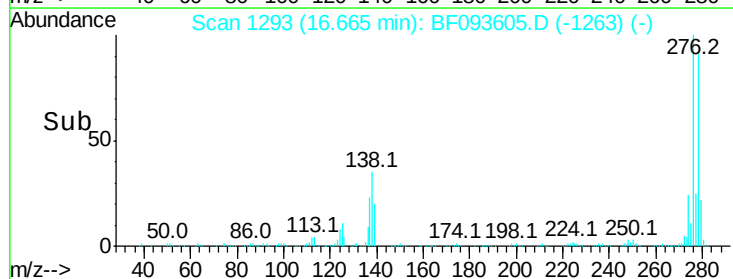
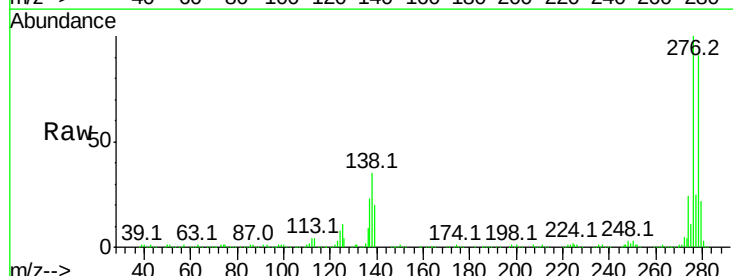
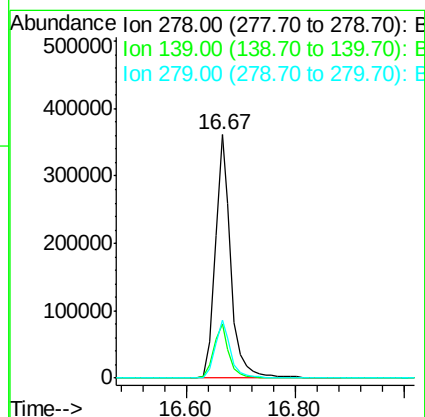
Manual Integrations
APPROVED

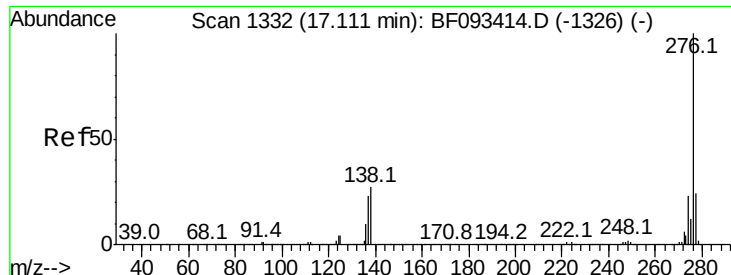
mohammad
3/15/2017 5:37:33 PM



#90
Dibenzo(a,h)anthracene
Concen: 62.71 ng
RT: 16.67 min Scan# 1293
Delta R.T. 0.05 min
Lab File: BF093605.D
Acq: 13 Mar 2017 14:19

Tgt Ion:	278	Resp:	729350
Ion Ratio	Lower	Upper	
278	100		
139	22.1	14.8	22.2
279	23.9	19.8	29.6





#91
 Benzo(a,h,i)perylene
 Concen: 63.51 ng
 RT: 17.08 min Scan# 1329
 Delta R.T. 0.06 min
 Lab File: BF093605.D
 Acq: 13 Mar 2017 14:19

Instrument :
 BNA_F
 ClientSampleId :
 D-64MS

Tot Ion:	276	Resp:	758149
Ion Ratio	Lower	Upper	
276	100		
277	23.3	19.2	28.8
138	27.7	16.0	24.0

Manual Integrations
 APPROVED

mohammad
 3/15/2017 5:37:33 PM

