

Data Path : Z:\HPCHEM1\BNA F\DATA\BF030717\
 Data File : BF093422.D
 Acq On : 7 Mar 2017 16:47
 Operator : SJ/MA
 Sample : PB97390BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB97390BS

Manual Integrations
 APPROVED

mohammad
 3/8/2017 1:45:52 PM

Quant Time: Mar 08 00:40:55 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF030717.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 07 15:55:22 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.76	152	180830m	20.00	ng	-0.01
21) Naphthalene-d8	8.05	136	695379	20.00	ng	-0.01
38) Acenaphthene-d10	9.81	164	343104	20.00	ng	0.00
63) Phenanthrene-d10	11.28	188	605253	20.00	ng	0.00
75) Chrysene-d12	13.93	240	521197	20.00	ng	0.01
86) Perylene-d12	15.34	264	425582	20.00	ng	0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.36	112	980827	90.27	ng	0.01
7) Phenol-d6	6.41	99	1160124	84.67	ng	0.00
23) Nitrobenzene-d5	7.34	82	1076089	85.86	ng	0.00
41) 2,4,6-Tribromophenol	10.60	330	223478	99.97	ng	0.00
44) 2-Fluorobiphenyl	9.13	172	1859699	100.82	ng	0.00
78) Terphenyl-d14	12.87	244	1459284	72.79	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.36	88	224196	37.46	ng	# 82
3) Pyridine	3.04	79	628603	41.20	ng	87
4) n-Nitrosodimethylamine	3.01	42	328702	45.10	ng	83
6) Aniline	6.42	93	402616	21.41	ng	96
8) 2-Chlorophenol	6.55	128	519413	42.67	ng	96
9) Benzaldehyde	6.31	77	102471	9.01	ng	86
10) Phenol	6.44	94	639247	38.07	ng	83
11) bis(2-Chloroethyl)ether	6.50	93	550489	40.57	ng	97
12) 1,3-Dichlorobenzene	6.70	146	552738m	39.67	ng	
13) 1,4-Dichlorobenzene	6.78	146	576701m	40.42	ng	
14) 1,2-Dichlorobenzene	6.94	146	501004	39.66	ng	94
15) Benzyl Alcohol	6.92	79	393805	40.32	ng	96
16) 2,2'-oxybis(1-Chloropropan	7.05	45	908221	40.29	ng	89
17) 2-Methylphenol	7.04	107	426991	41.47	ng	95
18) Hexachloroethane	7.27	117	193469	40.21	ng	96
19) n-Nitroso-di-n-propylamine	7.19	70	394208	41.85	ng	97
20) 3+4-Methylphenols	7.20	107	579996	43.43	ng	# 74
22) Acetophenone	7.18	105	724395	43.29	ng	# 97
24) Nitrobenzene	7.36	77	615900	43.73	ng	91
25) Isophorone	7.60	82	1064627	42.12	ng	97
26) 2-Nitrophenol	7.68	139	286477	44.58	ng	# 84
27) 2,4-Dimethylphenol	7.73	122	478808	45.80	ng	93
28) bis(2-Chloroethoxy)methane	7.81	93	654464	41.02	ng	98
29) 2,4-Dichlorophenol	7.92	162	444898	45.24	ng	89
30) 1,2,4-Trichlorobenzene	7.99	180	450196	43.04	ng	# 94
31) Naphthalene	8.07	128	1395127	40.04	ng	99
32) Benzoic acid	7.89	122	280519	51.64	ng	96
33) 4-Chloroaniline	8.14	127	253387	17.92	ng	99
34) Hexachlorobutadiene	8.18	225	230315	42.75	ng	99
35) Caprolactam	8.52	113	155157m	46.19	ng	
36) 4-Chloro-3-methylphenol	8.63	107	451885	43.05	ng	96
37) 2-Methylnaphthalene	8.77	142	988104	44.57	ng	97
39) 1,2,4,5-Tetrachlorobenzene	8.94	216	416719	44.48	ng	99
40) Hexachlorocyclopentadiene	8.92	237	231783	95.32	ng	97

Data Path : Z:\HPCHEM1\BNA F\DATA\BF030717\
 Data File : BF093422.D
 Acq On : 7 Mar 2017 16:47
 Operator : SJ/MA
 Sample : PB97390BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleID :
 PB97390BS

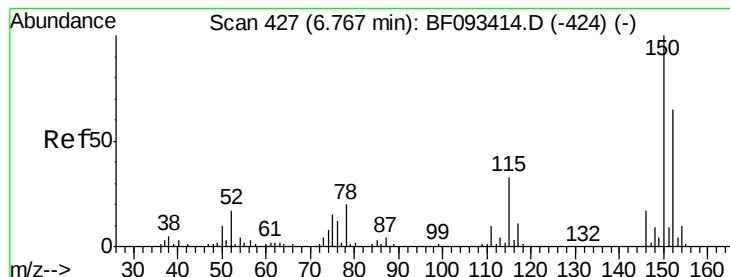
Manual Integrations
 APPROVED

mohammad
 3/8/2017 1:45:52 PM

Quant Time: Mar 08 00:40:55 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF030717.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 07 15:55:22 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.05	196	291506	49.80	nq	91
43) 2,4,5-Trichlorophenol	9.11	196	274287	43.67	nq #	86
45) 1,1'-Biphenyl	9.22	154	1095881	43.85	nq	96
46) 2-Chloronaphthalene	9.26	162	918397	48.00	nq	96
47) 2-Nitroaniline	9.36	65	321516	47.54	nq	97
48) Acenaphthylene	9.67	152	1410079	44.69	nq	97
49) Dimethylphthalate	9.53	163	1044236	45.91	nq	99
50) 2,6-Dinitrotoluene	9.60	165	211455	42.37	nq #	56
51) Acenaphthene	9.84	154	860166	46.10	nq	97
52) 3-Nitroaniline	9.77	138	151629	25.29	nq	98
53) 2,4-Dinitrophenol	9.90	184	170632	75.07	nq #	78
54) Dibenzofuran	10.01	168	1220774	52.27	nq	93
55) 4-Nitrophenol	9.97	139	264458	90.80	nq #	79
56) 2,4-Dinitrotoluene	10.01	165	270977	44.19	nq #	77
57) Fluorene	10.36	166	936095	47.30	nq	97
58) 2,3,4,6-Tetrachlorophenol	10.14	232	237822	53.65	nq	95
59) Diethylphthalate	10.23	149	979019	45.03	nq	99
60) 4-Chlorophenyl-phenylether	10.34	204	434884	49.03	nq #	84
61) 4-Nitroaniline	10.39	138	231440	37.74	nq	93
62) Azobenzene	10.50	77	1211798	49.06	nq	95
64) 4,6-Dinitro-2-methylphenol	10.42	198	137558	35.08	nq #	22
65) n-Nitrosodiphenylamine	10.47	169	868275	42.96	nq	99
66) 4-Bromophenyl-phenylether	10.84	248	258802	40.44	nq #	78
67) Hexachlorobenzene	10.90	284	259120	42.40	nq	94
68) Atrazine	11.00	200	247074	41.77	nq	99
69) Pentachlorophenol	11.11	266	206549	97.89	nq	98
70) Phenanthrene	11.32	178	1444859	41.82	nq	98
71) Anthracene	11.36	178	1338777	38.31	nq	99
72) Carbazole	11.52	167	1208690	36.82	nq	99
73) Di-n-butylphthalate	11.85	149	1607530	42.32	nq #	96
74) Fluoranthene	12.51	202	1470000	44.05	nq	91
76) Benzidine	12.63	184	442201	25.80	nq	96
77) Pyrene	12.72	202	1448685	38.22	nq	100
79) Butylbenzylphthalate	13.34	149	654215	41.00	nq	98
80) Benzo(a)anthracene	13.92	228	1253892	40.74	nq	99
81) 3,3'-Dichlorobenzidine	13.88	252	289969	26.90	nq	98
82) Chrysene	13.96	228	1198646	42.09	nq	99
83) Bis(2-ethylhexyl)phthalate	13.90	149	993725	44.68	nq	98
84) Di-n-octyl phthalate	14.51	149	1574963	42.49	nq	98
85) Indeno(1,2,3-cd)pyrene	16.71	276	936287	39.28	nq #	93
87) Benzo(b)fluoranthene	14.94	252	1068769m	41.23	nq	
88) Benzo(k)fluoranthene	14.96	252	1049258m	41.98	nq	
89) Benzo(a)pyrene	15.28	252	981188	41.42	nq	97
90) Dibenzo(a,h)anthracene	16.71	278	776869	39.64	nq #	96
91) Benzo(g,h,i)perylene	17.12	276	815758	40.56	nq #	93

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



#1

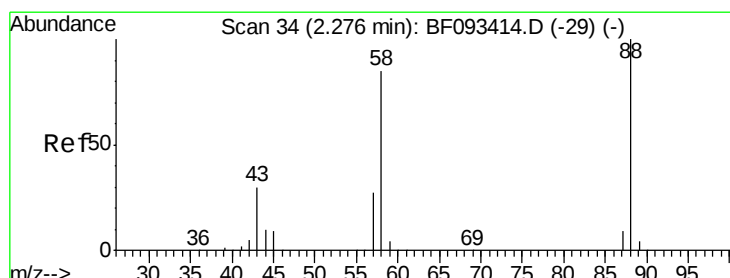
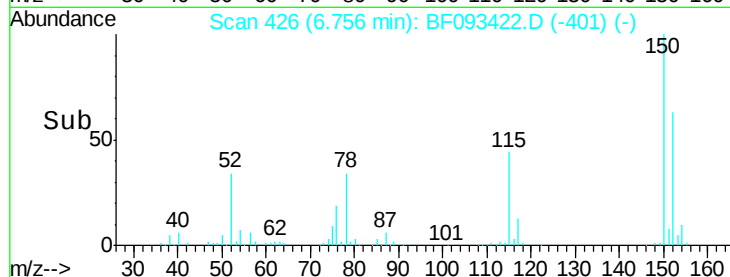
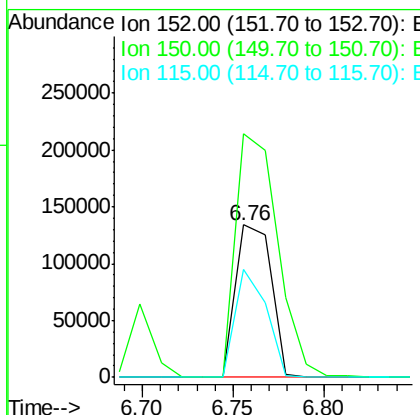
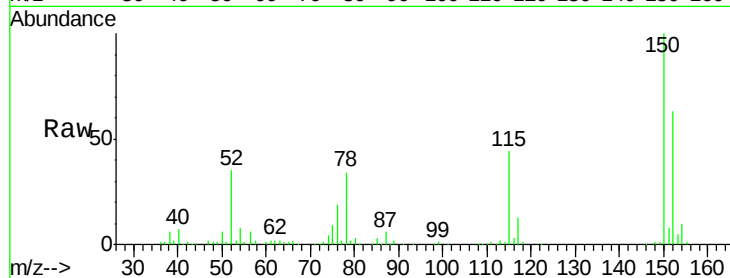
1,4-Dichlorobenzene-d4
Concen: 20.00 ng/ml
RT: 6.76 min Scan# 426
Delta R.T. -0.01 min
Lab File: BF093422.D
Acq: 7 Mar 2017 16:47

Instrument :
BNA_F
ClientSampled :
PB97390BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	159.6	124.9	187.3
115	70.4	46.0	69.0

Manual Integrations
APPROVED

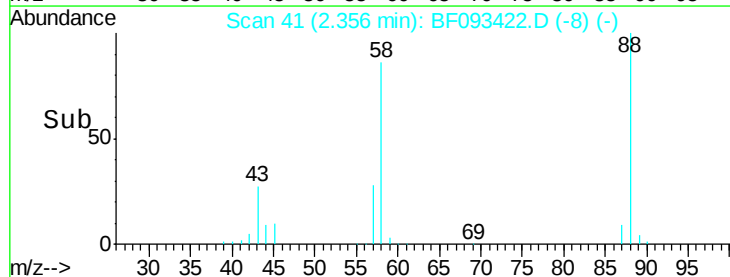
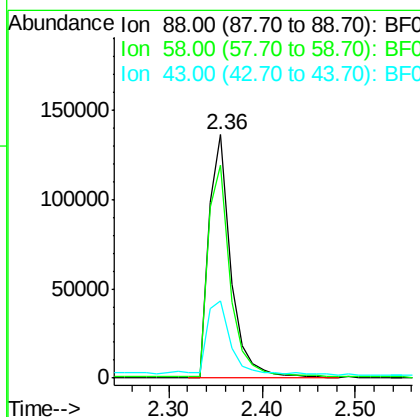
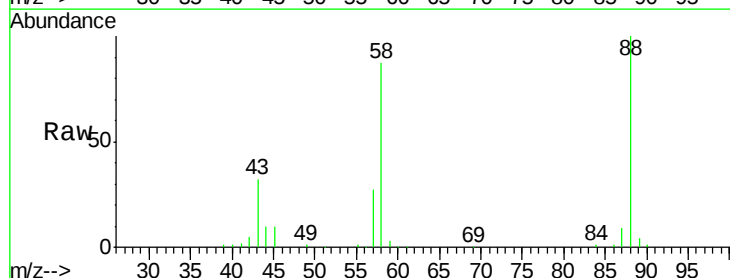
mohammad
3/8/2017 1:45:52 PM

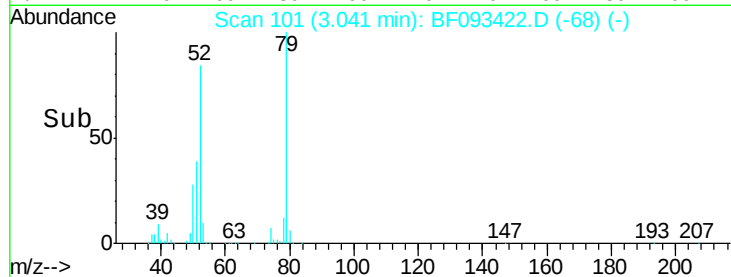
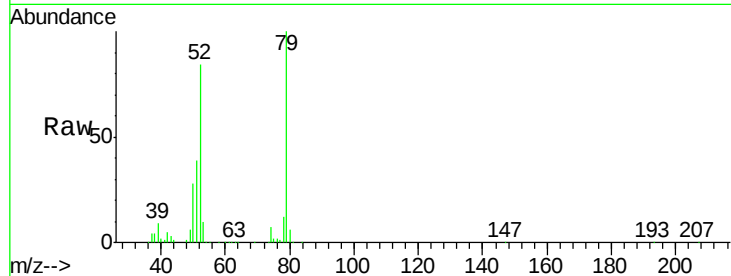
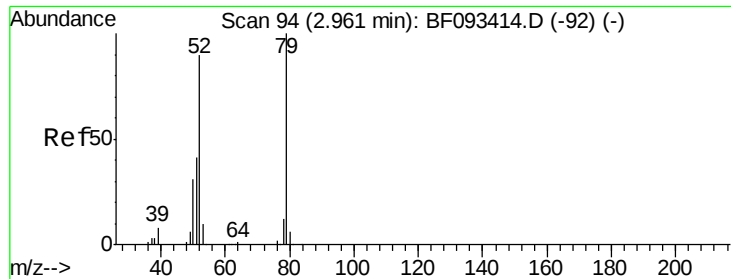


#2

1,4-Dioxane
Concen: 37.46 ng
RT: 2.36 min Scan# 41
Delta R.T. 0.08 min
Lab File: BF093422.D
Acq: 7 Mar 2017 16:47

Tgt Ion	Ratio	Lower	Upper
88	100		
58	88.8	57.8	86.8
43	35.2	22.3	33.5





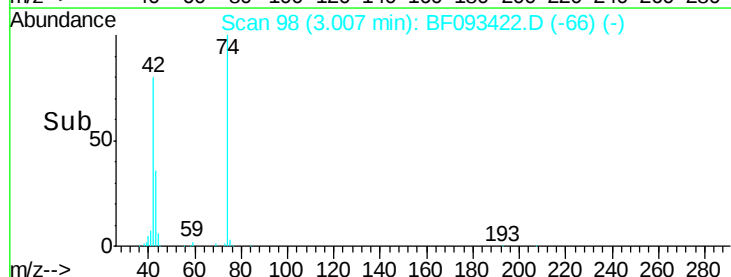
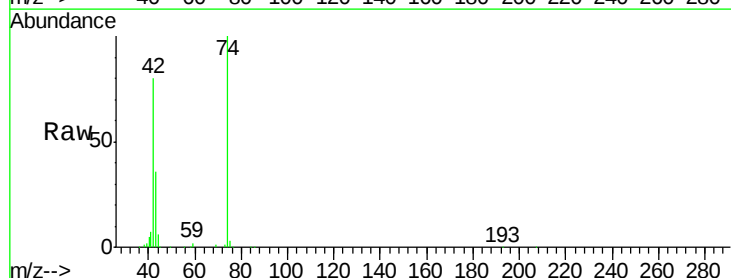
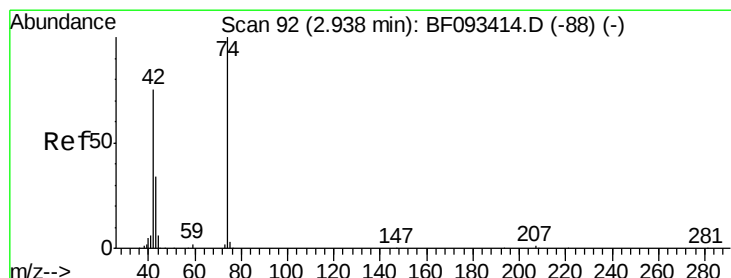
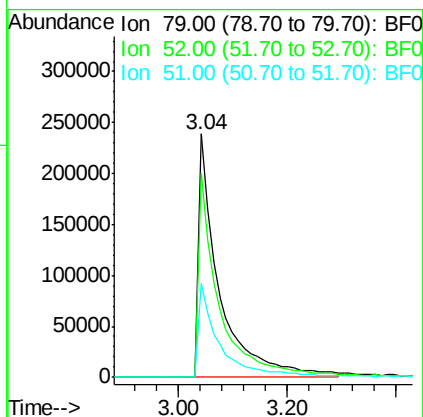
#3
 Pvridine
 Concen: 41.20 ng
 RT: 3.04 min Scan# 101
 Delta R.T. 0.08 min
 Lab File: BF093422.D
 Acq: 7 Mar 2017 16:47

Tot Ion	Ratio	Lower	Upper
79	100		
52	83.7	57.1	85.7
51	38.8	27.3	40.9

Instrument :
 BNA_F
 ClientSampleId :
 PB97390BS

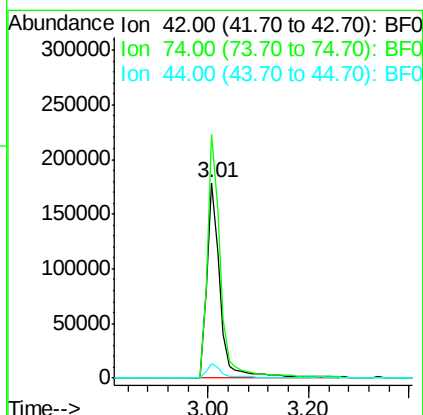
Manual Integrations
 APPROVED

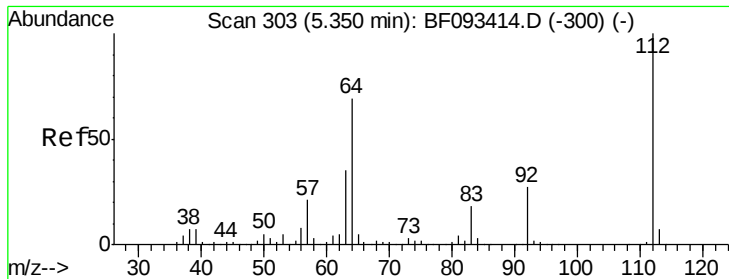
mohammad
 3/8/2017 1:45:52 PM



#4
 n-Nitrosodimethylamine
 Concen: 45.10 ng
 RT: 3.01 min Scan# 98
 Delta R.T. 0.07 min
 Lab File: BF093422.D
 Acq: 7 Mar 2017 16:47

Tgt Ion	Ratio	Lower	Upper
42	100		
74	124.6	117.0	175.4
44	7.6	5.5	8.3





#5

2-Fluorophenol

Concen: 90.27 ng

RT: 5.36 min Scan# 304

Delta R.T. 0.01 min

Lab File: BF093422.D

Acq: 7 Mar 2017 16:47

Instrument :

BNA_F

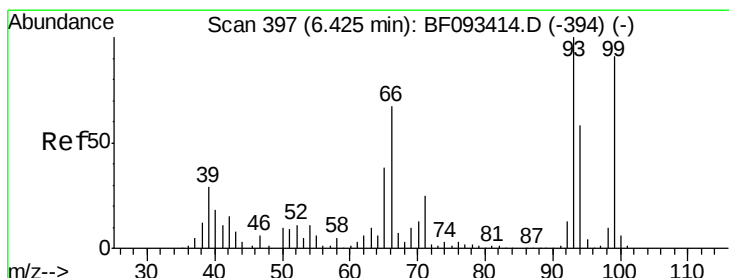
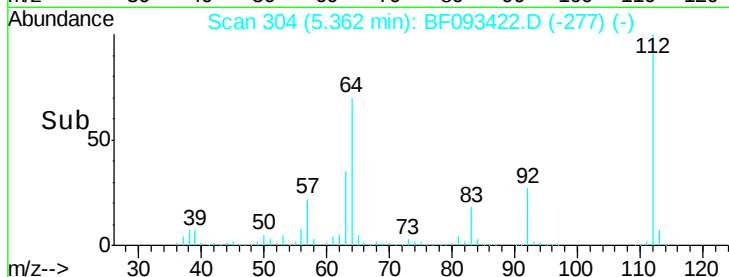
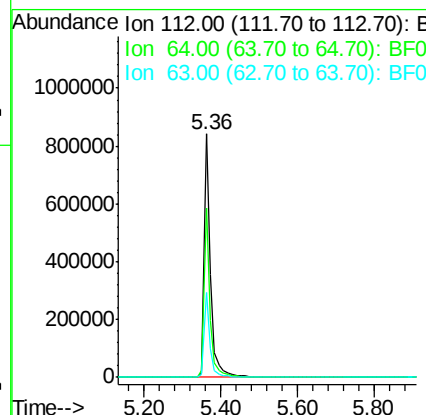
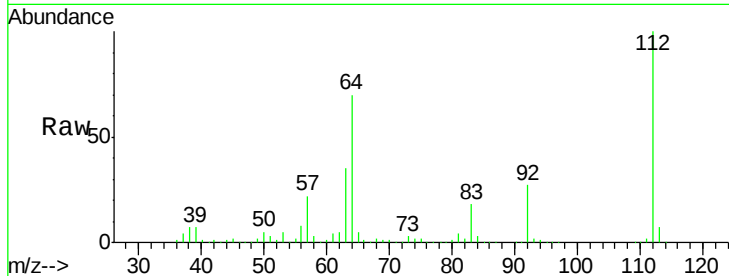
ClientSampled :

PB97390BS

Tot Ion:	112	Resp:	980827
Ion Ratio	Lower	Upper	
112	100		
64	69.7	46.1	69.1#
63	35.0	23.8	35.6

Manual Integrations
APPROVED

mohammad
3/8/2017 1:45:52 PM



#6

Aniline

Concen: 21.41 ng

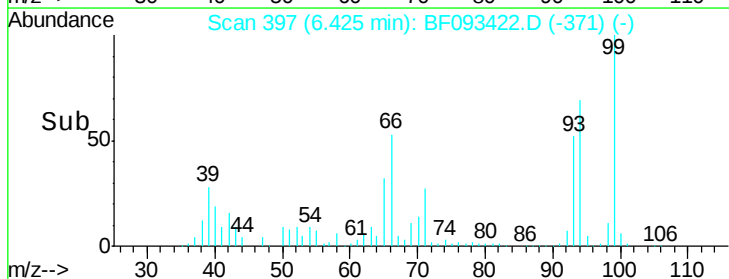
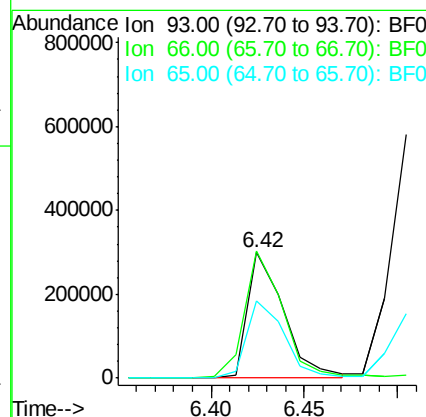
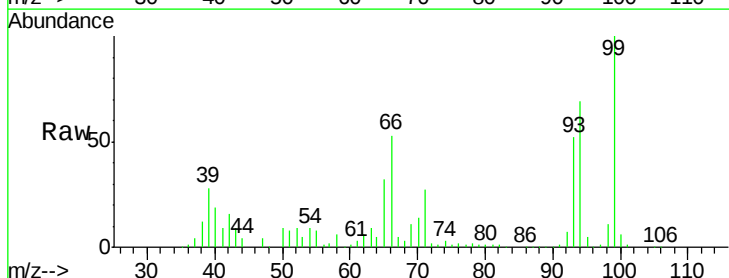
RT: 6.42 min Scan# 397

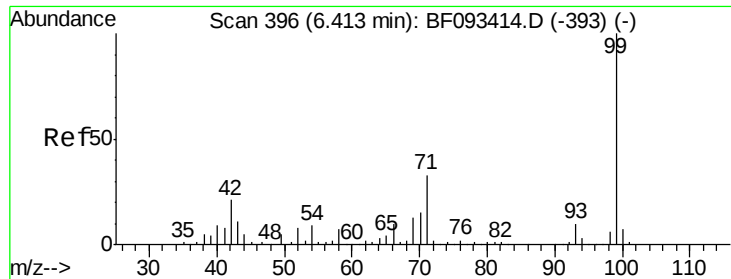
Delta R.T. 0.00 min

Lab File: BF093422.D

Acq: 7 Mar 2017 16:47

Tgt Ion:	93	Resp:	402616
Ion Ratio	Lower	Upper	
93	100		
66	101.6	76.2	114.2
65	61.8	49.3	73.9





#7

Phenol-d6

Concen: 84.67 ng

RT: 6.41 min Scan# 396

Delta R.T. 0.00 min

Lab File: BF093422.D

Acq: 7 Mar 2017 16:47

Instrument :

BNA_F

ClientSampleId :

PB97390BS

Tot Ion: 99 Resp: 1160124

Ion Ratio Lower Upper

99 100

42 21.8 15.6 23.4

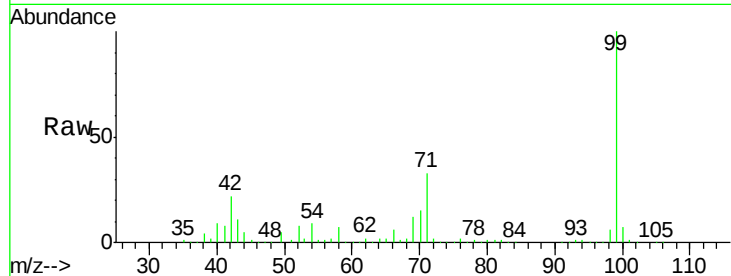
71 33.0 27.5 41.3

Manual Integrations

APPROVED

mohammad

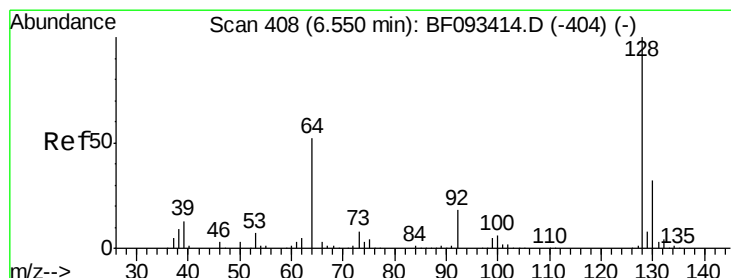
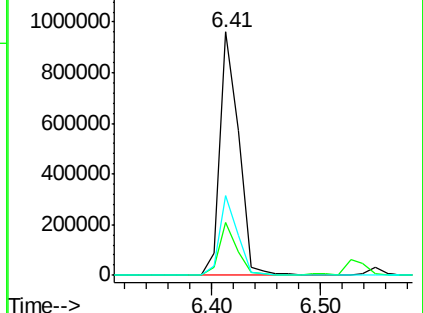
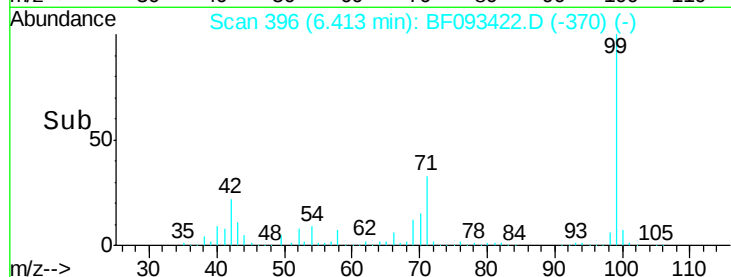
3/8/2017 1:45:52 PM



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 42.67 ng

RT: 6.55 min Scan# 408

Delta R.T. 0.00 min

Lab File: BF093422.D

Acq: 7 Mar 2017 16:47

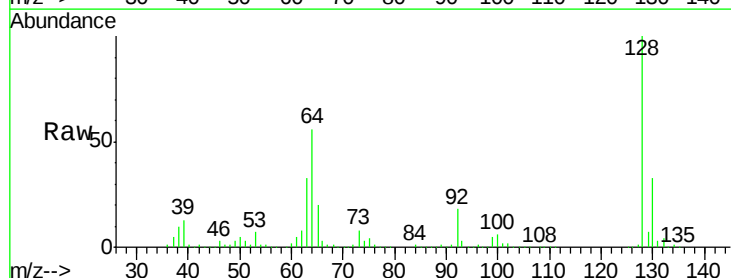
Tgt Ion:128 Resp: 519413

Ion Ratio Lower Upper

128 100

130 32.9 12.3 52.3

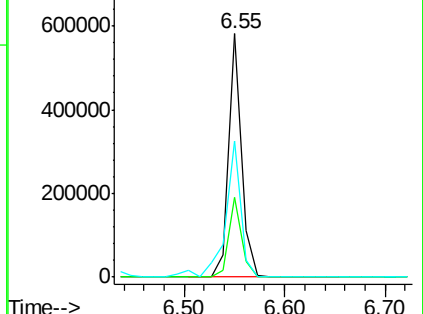
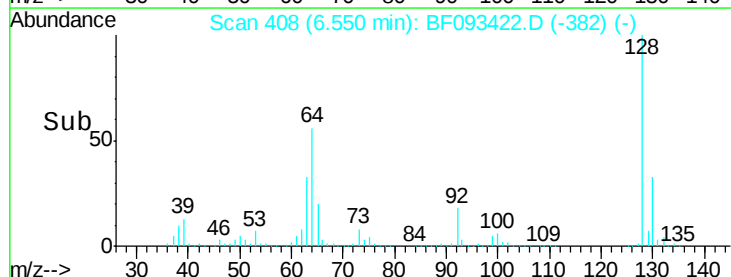
64 55.7 32.2 72.2

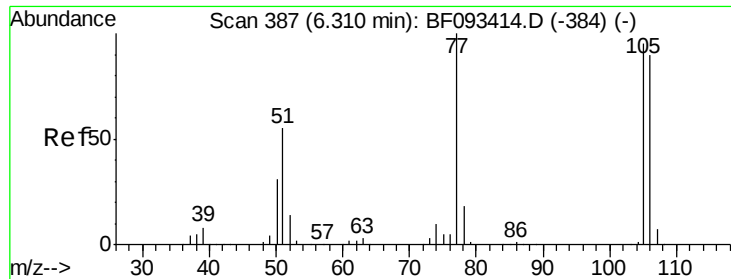


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 9.01 ng

RT: 6.31 min Scan# 387

Delta R.T. 0.00 min

Lab File: BF093422.D

Acq: 7 Mar 2017 16:47

Instrument :

BNA_F

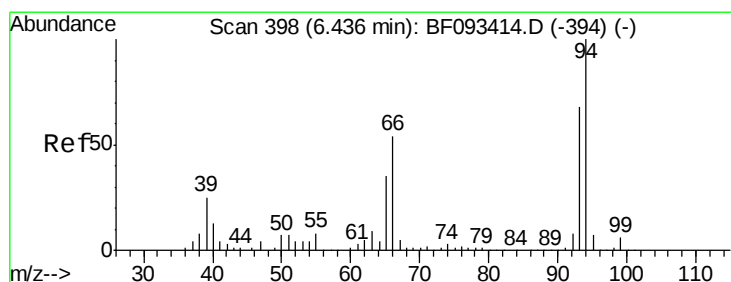
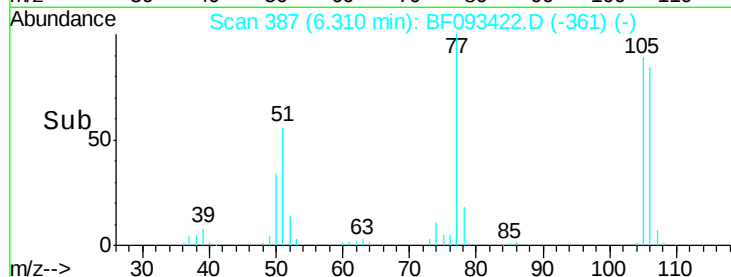
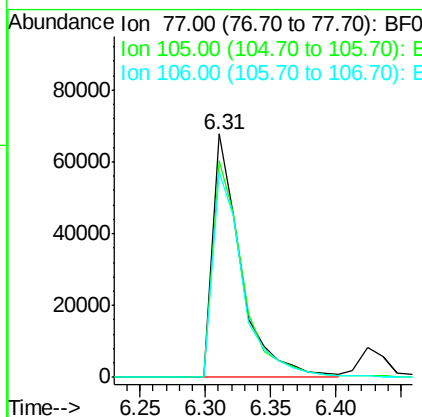
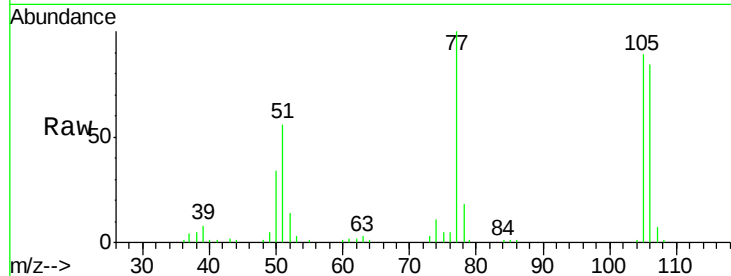
ClientSampleId :

PB97390BS

Tot Ion	Ratio	Lower	Upper
77	100		
105	88.8	83.9	123.9
106	84.1	77.6	117.6

Manual Integrations
APPROVED

mohammad
3/8/2017 1:45:52 PM



#10

Phenol

Concen: 38.07 ng

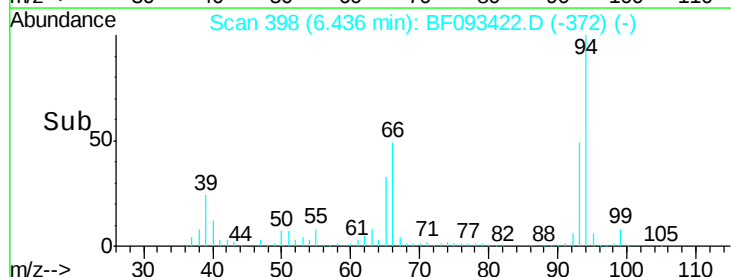
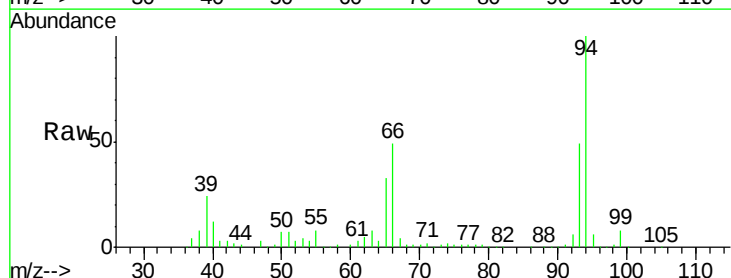
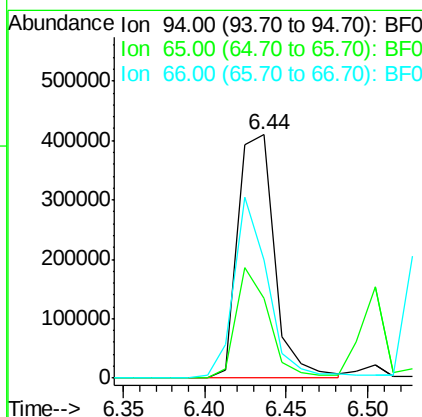
RT: 6.44 min Scan# 398

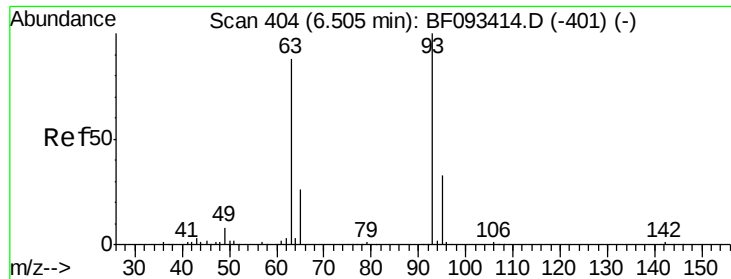
Delta R.T. 0.00 min

Lab File: BF093422.D

Acq: 7 Mar 2017 16:47

Tgt Ion	Ratio	Lower	Upper
94	100		
65	33.0	21.4	61.4
66	48.6	44.0	84.0





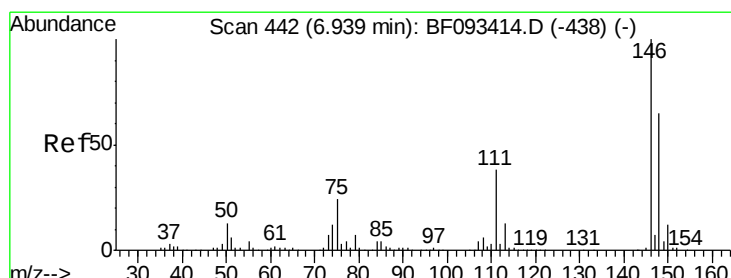
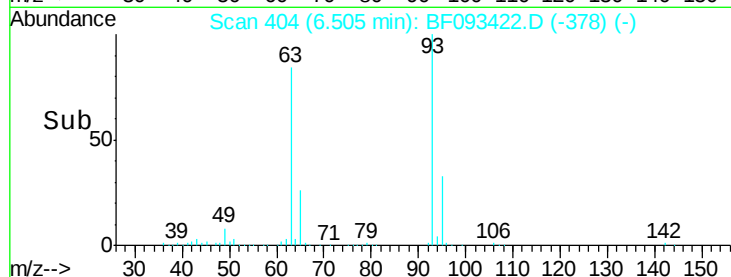
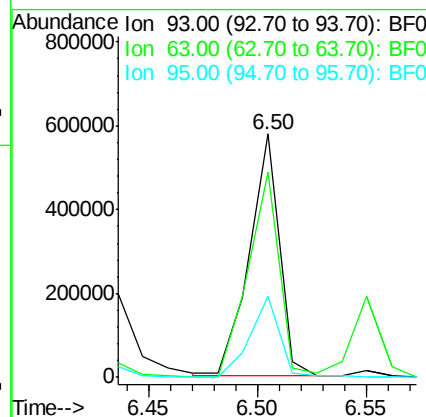
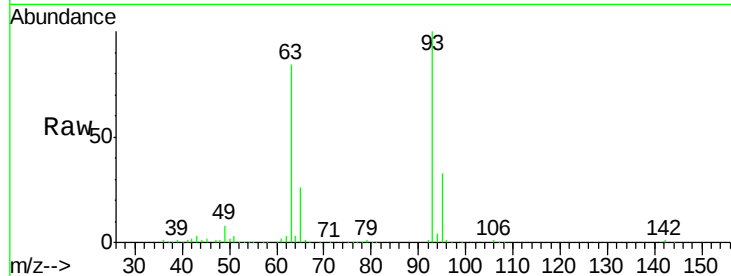
#11
bis(2-Chloroethyl)ether
Concen: 40.57 ng
RT: 6.50 min Scan# 404
Delta R.T. 0.00 min
Lab File: BF093422.D
Acq: 7 Mar 2017 16:47

Instrument :
BNA_F
ClientSampleId :
PB97390BS

Tot Ion	Ratio	Lower	Upper
93	100		
63	84.1	60.4	100.4
95	33.1	12.8	52.8

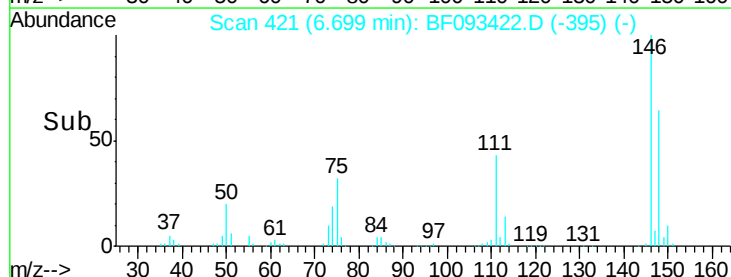
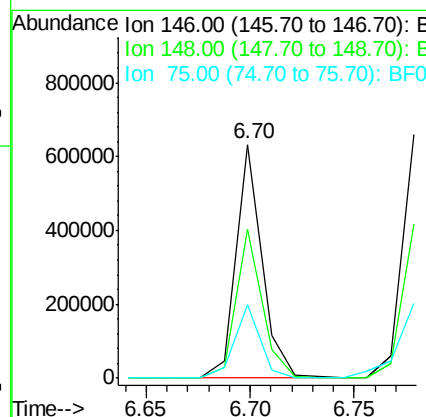
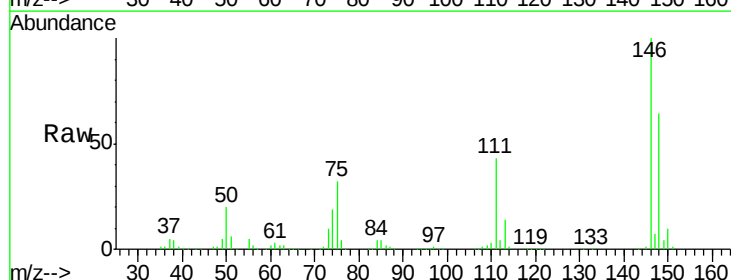
Manual Integrations
APPROVED

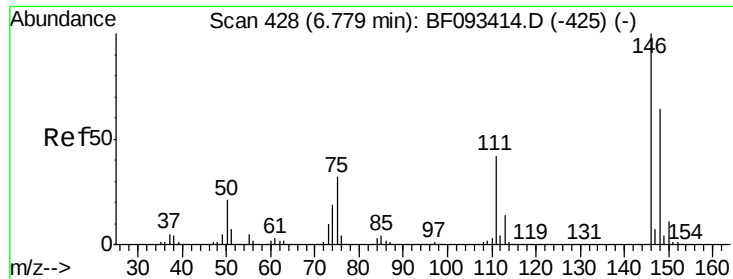
mohammad
3/8/2017 1:45:52 PM



#12
1,3-Dichlorobenzene
Concen: 39.67 ng m
RT: 6.70 min Scan# 421
Delta R.T. 0.00 min
Lab File: BF093422.D
Acq: 7 Mar 2017 16:47

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.6	53.4	80.0
75	31.6	18.5	27.7





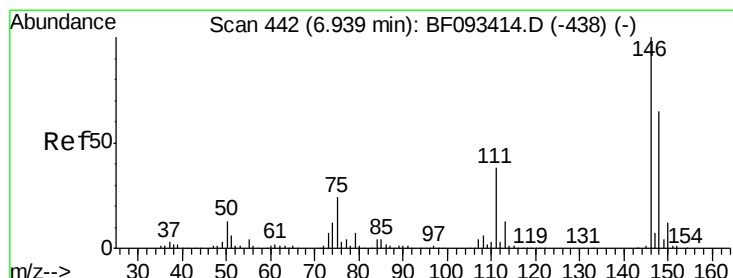
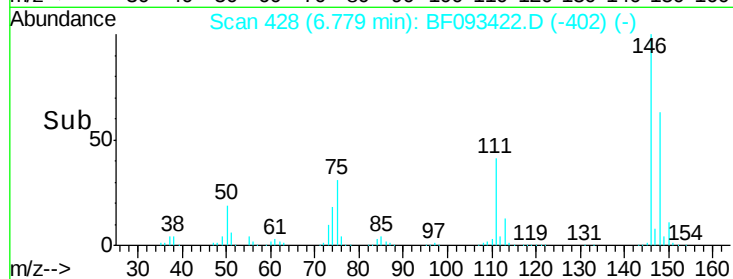
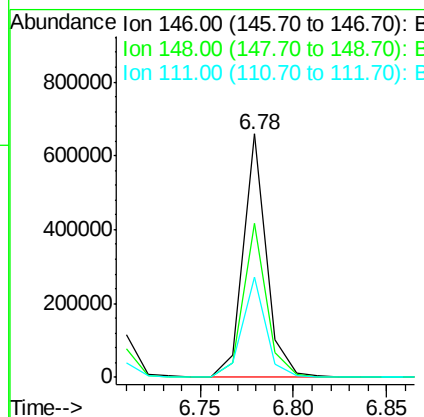
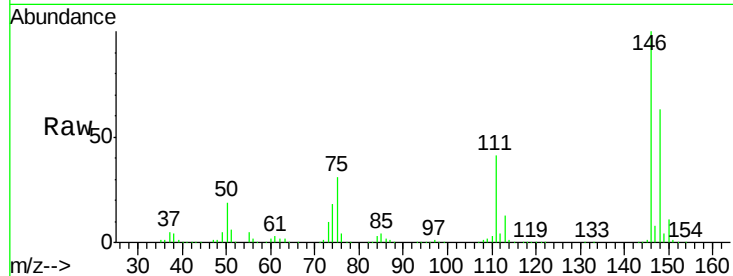
#13
 1,4-Dichlorobenzene
 Concen: 40.42 ng/ml
 RT: 6.78 min Scan# 428
 Delta R.T. -0.00 min
 Lab File: BF093422.D
 Acq: 7 Mar 2017 16:47

Instrument :
 BNA_F
 ClientSampleId :
 PB97390BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.2	50.6	76.0
111	41.4	36.2	54.4

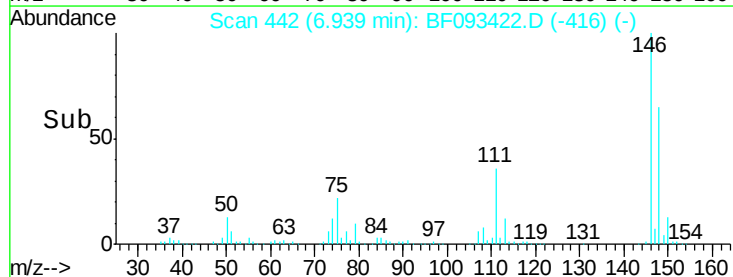
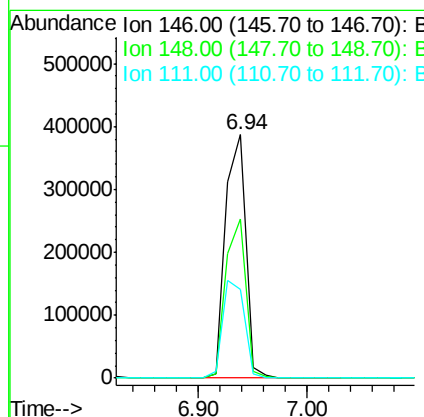
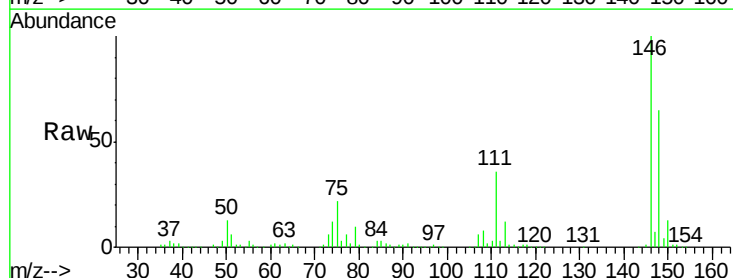
Manual Integrations
 APPROVED

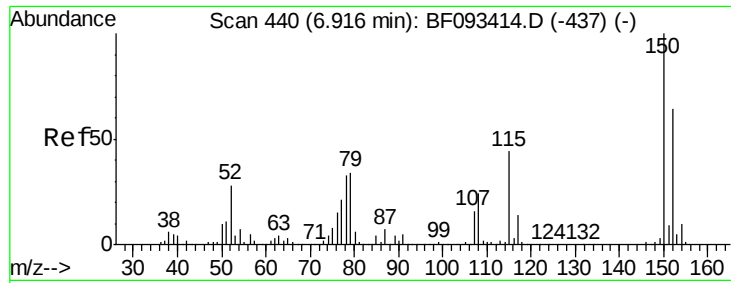
mohammad
 3/8/2017 1:45:52 PM



#14
 1,2-Dichlorobenzene
 Concen: 39.66 ng/ml
 RT: 6.94 min Scan# 442
 Delta R.T. 0.00 min
 Lab File: BF093422.D
 Acq: 7 Mar 2017 16:47

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.2	52.2	78.2
111	36.4	36.2	54.2





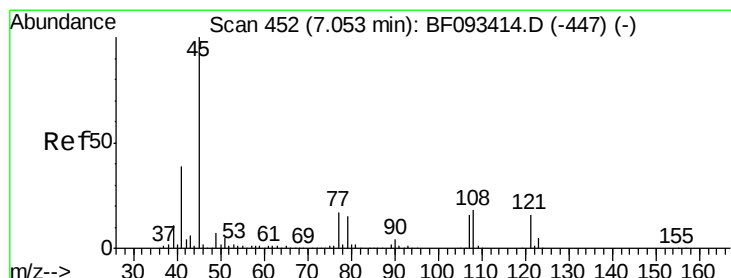
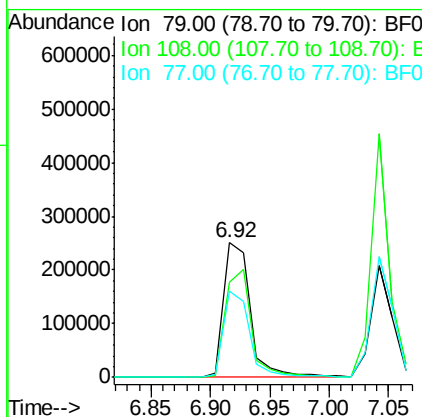
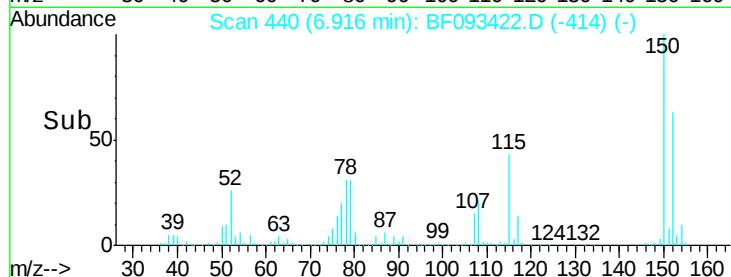
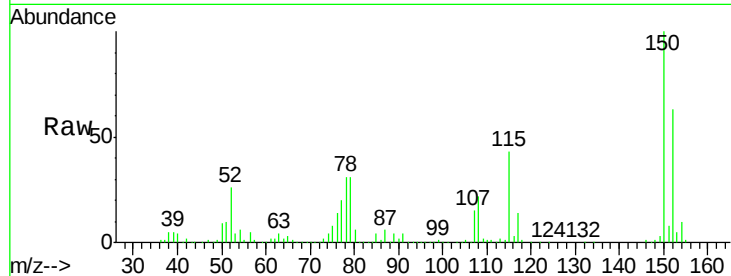
#15
Benzyl Alcohol
Concen: 40.32 ng
RT: 6.92 min Scan# 440
Delta R.T. 0.00 min
Lab File: BF093422.D
Acq: 7 Mar 2017 16:47

Instrument :
BNA_F
ClientSampled :
PB97390BS

Tot Ion	Ratio	Resp	Lower	Upper
79	100			
108	70.4	61.4	92.0	
77	63.9	50.9	76.3	

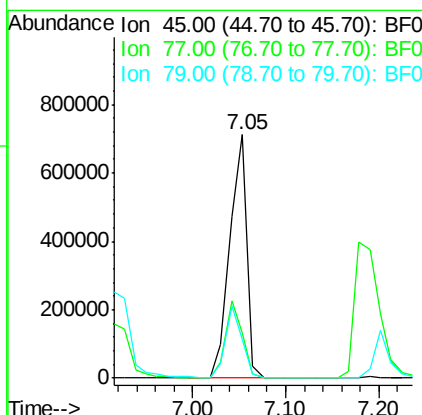
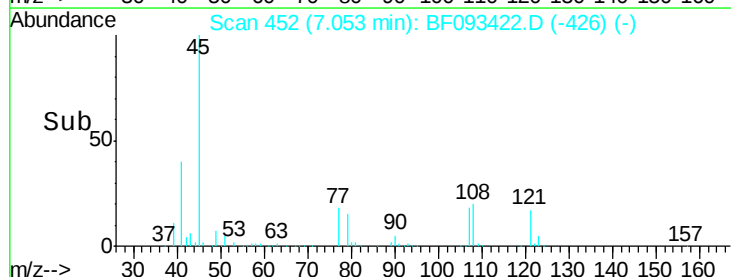
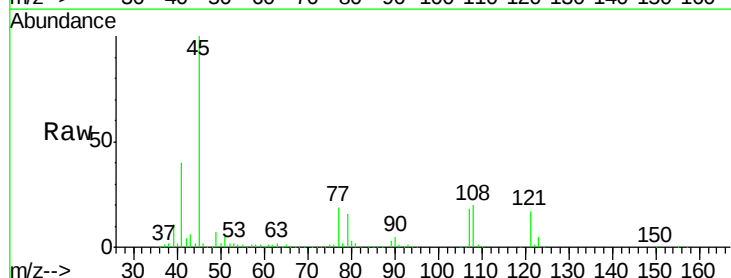
Manual Integrations
APPROVED

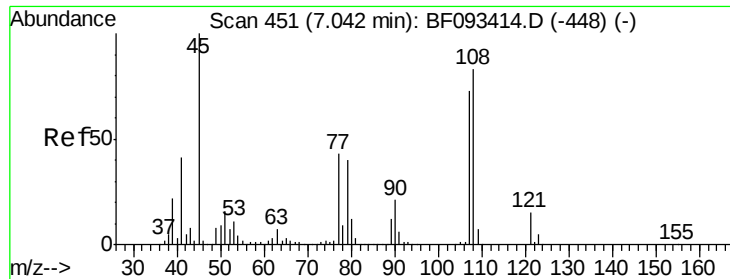
mohammad
3/8/2017 1:45:52 PM



#16
2,2'-oxybis(1-chloropropane)
Concen: 40.29 ng
RT: 7.05 min Scan# 452
Delta R.T. 0.00 min
Lab File: BF093422.D
Acq: 7 Mar 2017 16:47

Tgt Ion	Ratio	Resp	Lower	Upper
45	100			
77	18.5	0.0	34.6	
79	15.9	0.0	31.2	





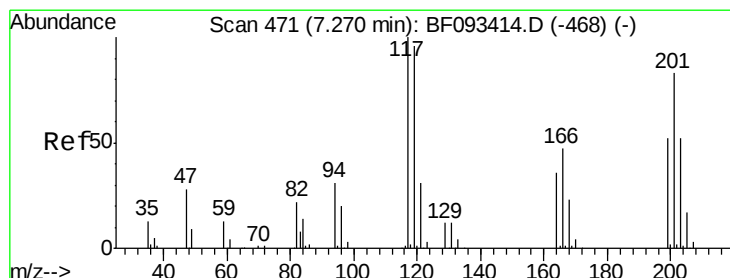
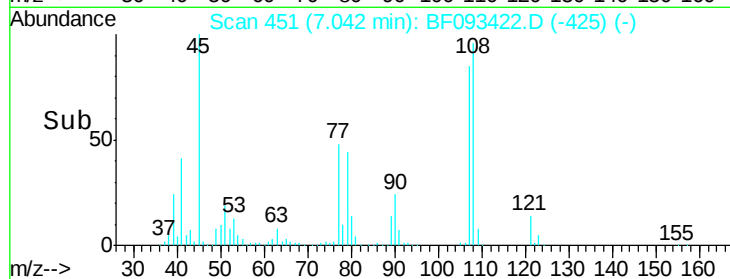
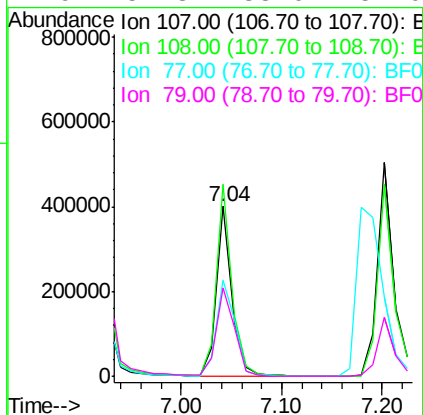
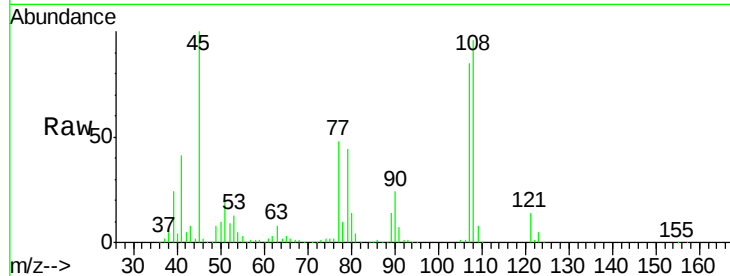
#17
2-Methylphenol
Concen: 41.47 ng
RT: 7.04 min Scan# 451
Delta R.T. -0.00 min
Lab File: BF093422.D
Acq: 7 Mar 2017 16:47

Instrument :
BNA_F
ClientSampled :
PB97390BS

Tot Ion	Ratio	Resp	Lower	Upper
107	100	426991		
108	113.4	93.0	139.6	
77	56.4	39.8	59.8	
79	52.3	38.0	57.0	

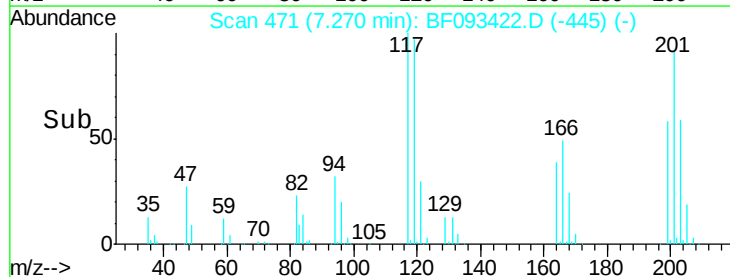
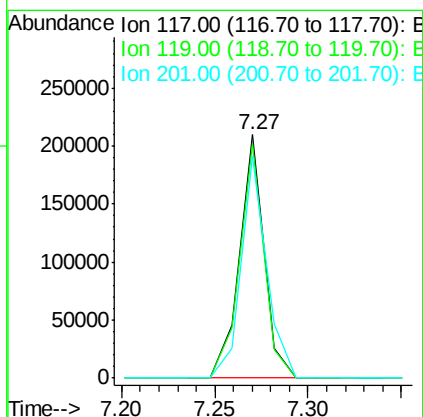
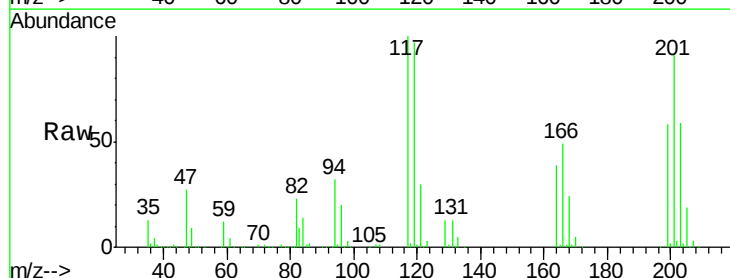
Manual Integrations
APPROVED

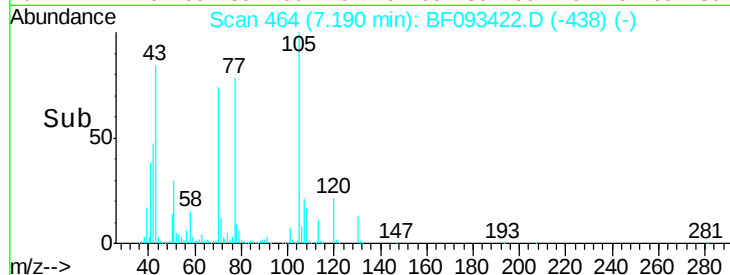
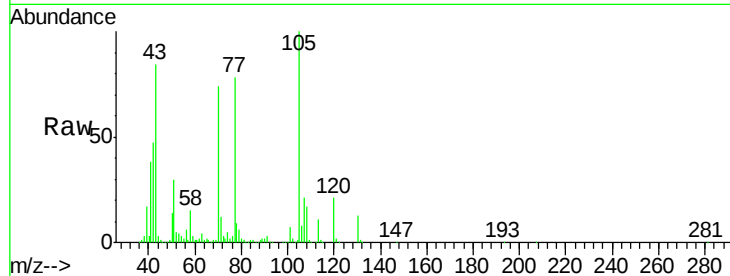
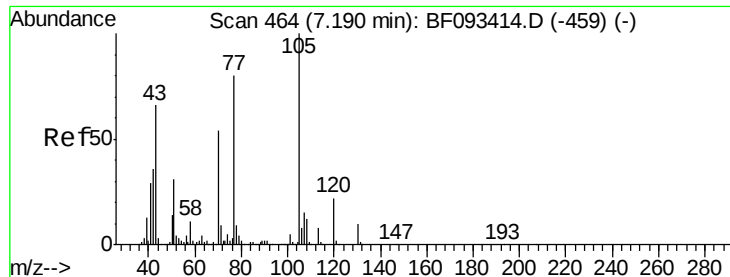
mohammad
3/8/2017 1:45:52 PM



#18
Hexachloroethane
Concen: 40.21 ng
RT: 7.27 min Scan# 471
Delta R.T. 0.00 min
Lab File: BF093422.D
Acq: 7 Mar 2017 16:47

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	193469		
119	96.5	78.1	117.1	
201	91.0	78.6	117.8	





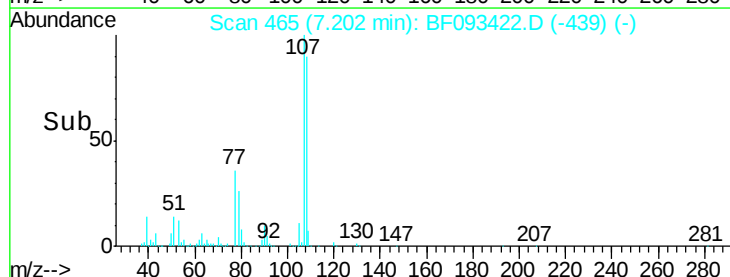
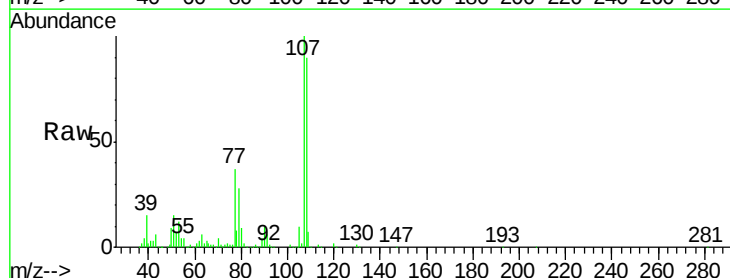
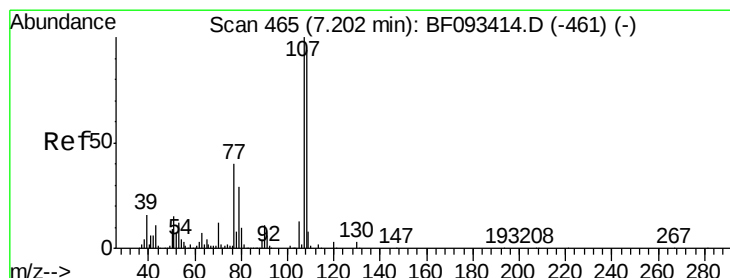
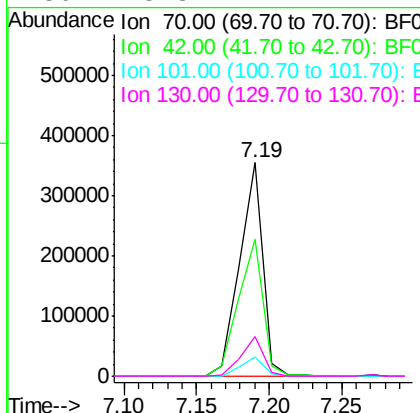
#19
n-Nitroso-di-n-propylamine
Concen: 41.85 ng
RT: 7.19 min Scan# 464
Delta R.T. 0.00 min
Lab File: BF093422.D
Acq: 7 Mar 2017 16:47

Instrument :
BNA_F
ClientSampleId :
PB97390BS

Tot Ion	Ratio	Lower	Upper
70	100		
42	64.2	49.4	74.0
101	9.0	7.4	11.2
130	18.3	14.2	21.4

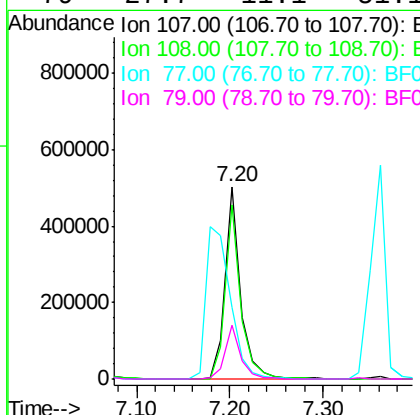
Manual Integrations
APPROVED

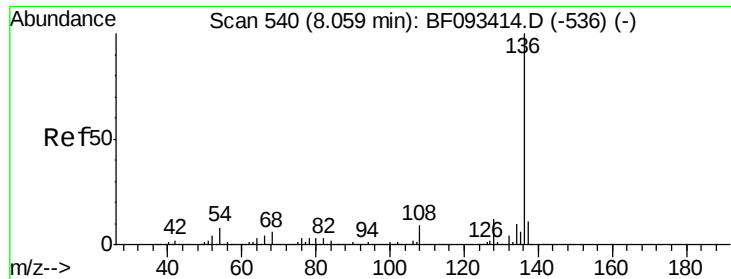
mohammad
3/8/2017 1:45:52 PM



#20
3+4-Methylphenols
Concen: 43.43 ng
RT: 7.20 min Scan# 465
Delta R.T. 0.00 min
Lab File: BF093422.D
Acq: 7 Mar 2017 16:47

Tgt Ion	Ratio	Lower	Upper
107	100		
108	90.2	73.0	113.0
77	37.4	71.3	111.3
79	27.7	11.1	51.1





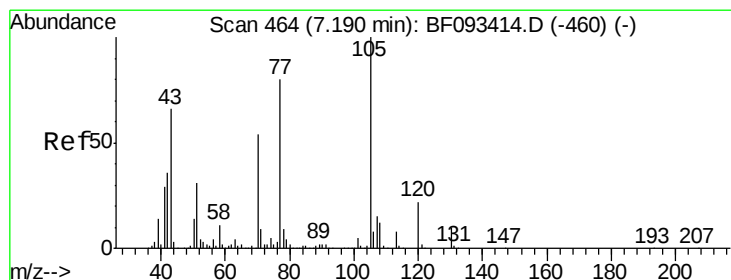
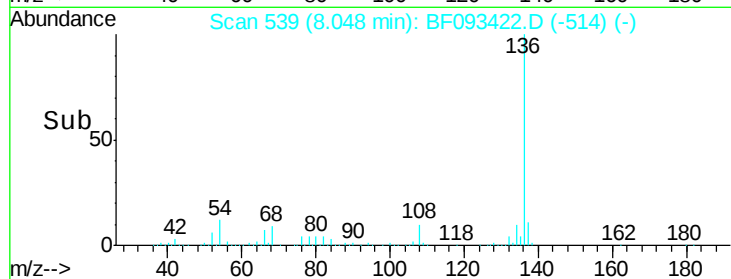
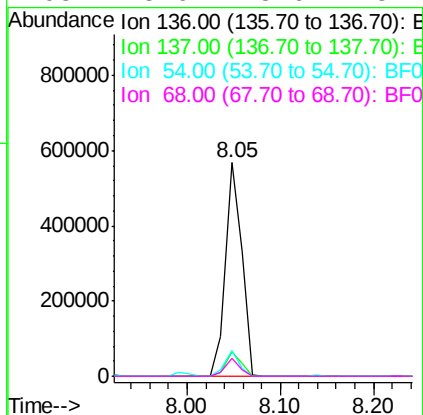
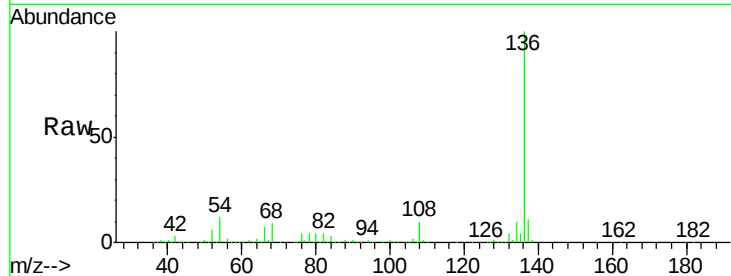
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.05 min Scan# 539
Delta R.T. -0.01 min
Lab File: BF093422.D
Acq: 7 Mar 2017 16:47

Instrument :
BNA_F
ClientSampleId :
PB97390BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	695379		
137	11.3		8.4	12.6
54	11.8		4.5	6.7#
68	8.6		3.6	5.4#

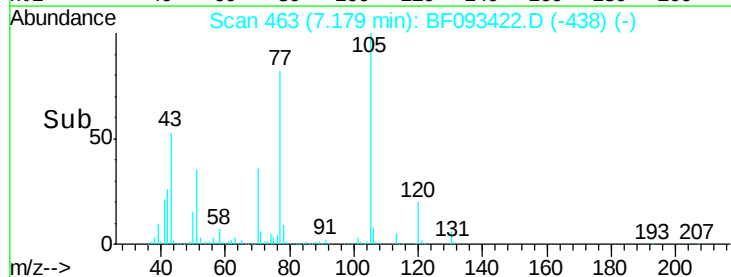
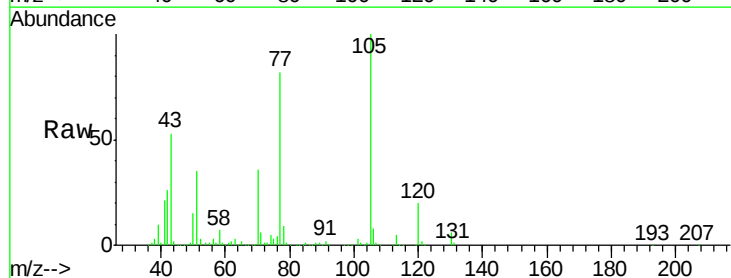
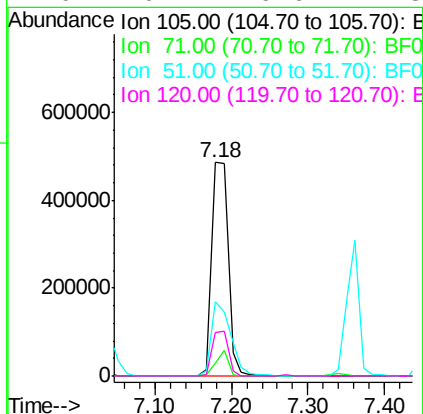
Manual Integrations
APPROVED

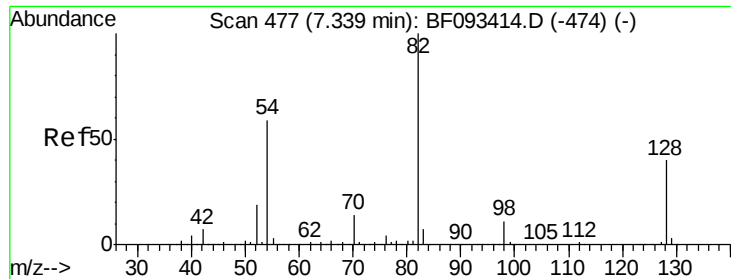
mohammad
3/8/2017 1:45:52 PM



#22
Acetophenone
Concen: 43.29 ng
RT: 7.18 min Scan# 463
Delta R.T. -0.01 min
Lab File: BF093422.D
Acq: 7 Mar 2017 16:47

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	724395		
71	5.9		3.2	4.8#
51	34.9		26.2	39.4
120	20.4		16.6	24.8





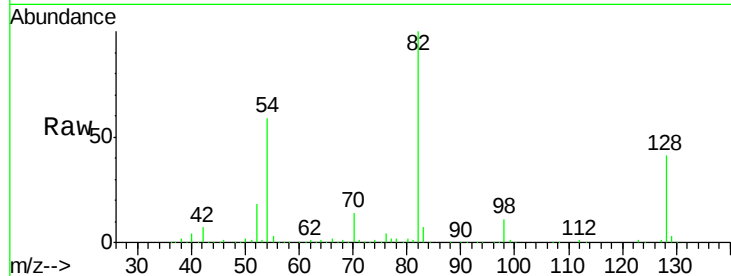
#23
Nitrobenzene-d5
Concen: 85.86 ng
RT: 7.34 min Scan# 477
Delta R.T. 0.00 min
Lab File: BF093422.D
Acq: 7 Mar 2017 16:47

Instrument :
BNA_F
ClientSampleId :
PB97390BS

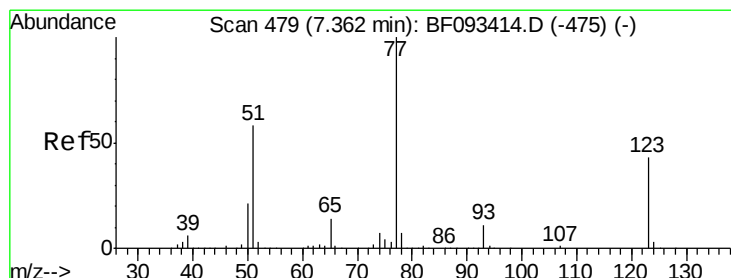
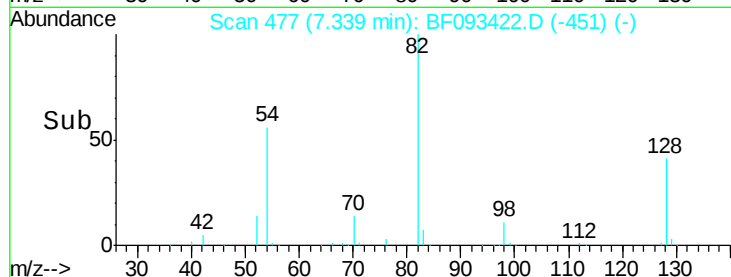
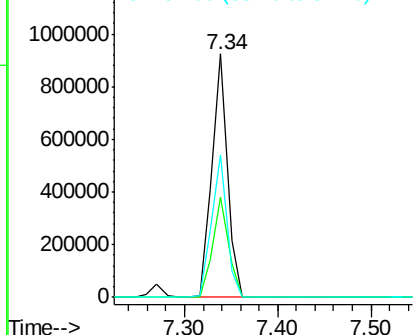
Tot Ion: 82 Resp: 1076089
Ion Ratio Lower Upper
82 100
128 40.9 34.6 52.0
54 58.5 39.5 59.3

Manual Integrations
APPROVED

mohammad
3/8/2017 1:45:52 PM

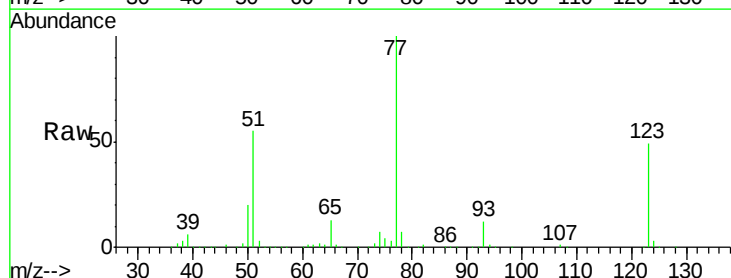


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): B
Ion 54.00 (53.70 to 54.70): BF0

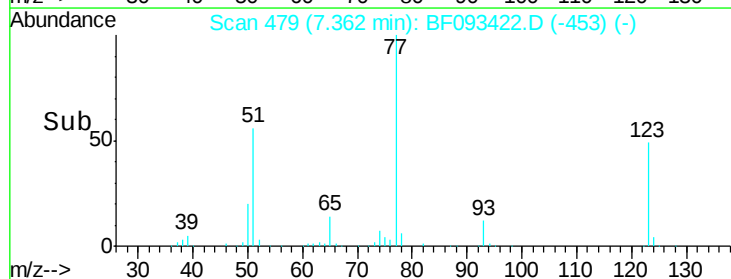
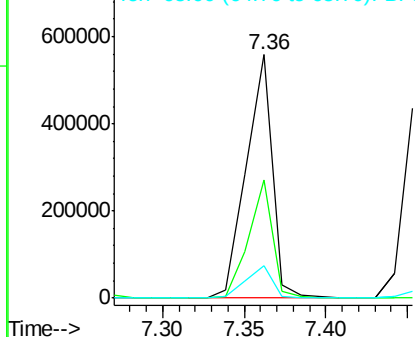


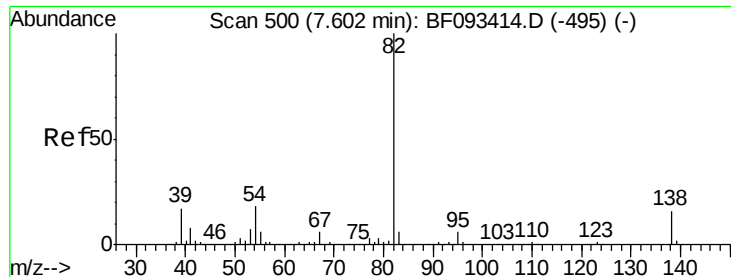
#24
Nitrobenzene
Concen: 43.73 ng
RT: 7.36 min Scan# 479
Delta R.T. 0.00 min
Lab File: BF093422.D
Acq: 7 Mar 2017 16:47

Tgt Ion: 77 Resp: 615900
Ion Ratio Lower Upper
77 100
123 48.6 33.0 49.4
65 13.5 11.2 16.8



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





#25

Isophorone

Concen: 42.12 ng

RT: 7.60 min Scan# 500

Delta R.T. 0.00 min

Lab File: BF093422.D

Acq: 7 Mar 2017 16:47

Instrument :

BNA_F

ClientSampleId :

PB97390BS

Tot Ion: 82 Resp: 1064627

Ion Ratio Lower Upper

82 100

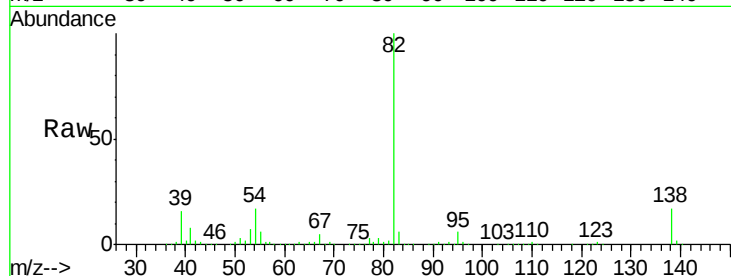
95 6.4 5.6 8.4

138 16.7 14.6 22.0

Manual Integrations
APPROVED

mohammad

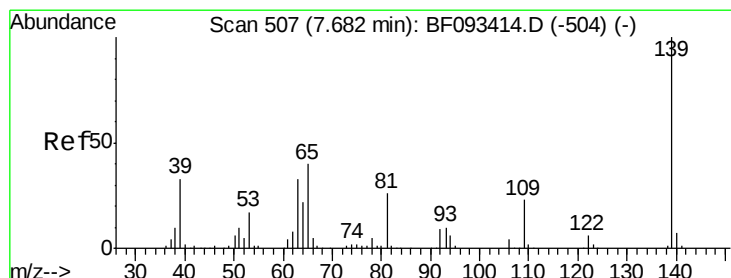
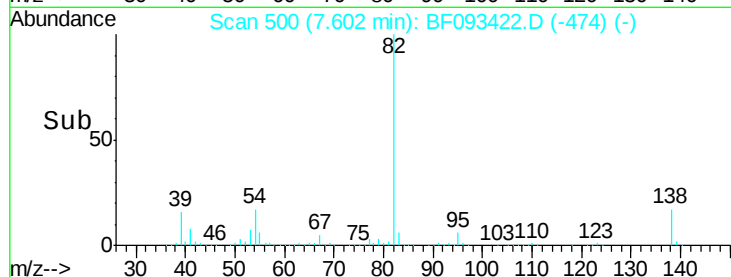
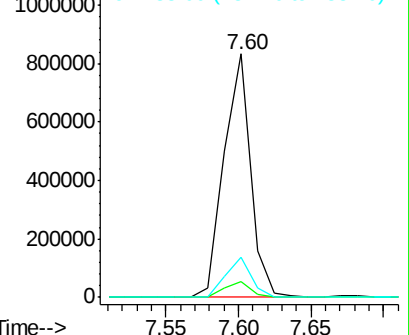
3/8/2017 1:45:52 PM



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): BF0



#26

2-Nitrophenol

Concen: 44.58 ng

RT: 7.68 min Scan# 507

Delta R.T. 0.00 min

Lab File: BF093422.D

Acq: 7 Mar 2017 16:47

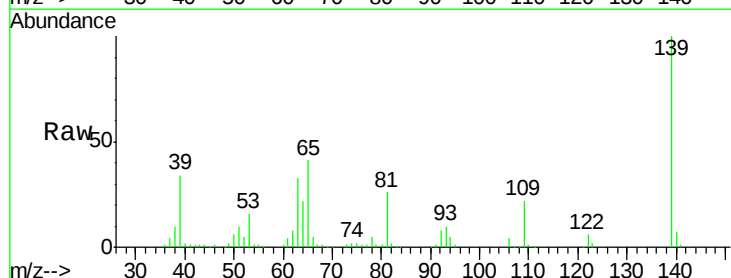
Tgt Ion: 139 Resp: 286477

Ion Ratio Lower Upper

139 100

109 22.3 23.3 34.9#

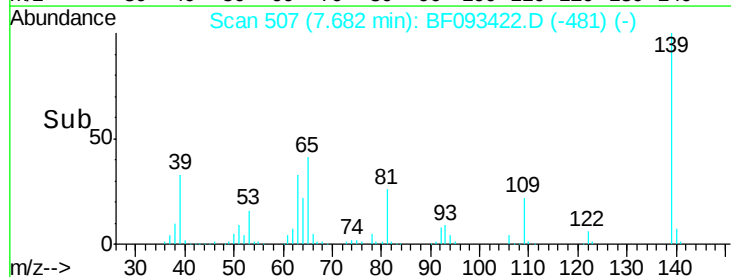
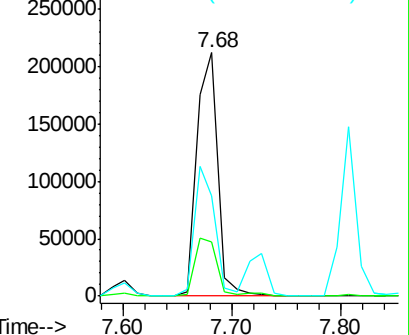
65 41.0 42.7 64.1#

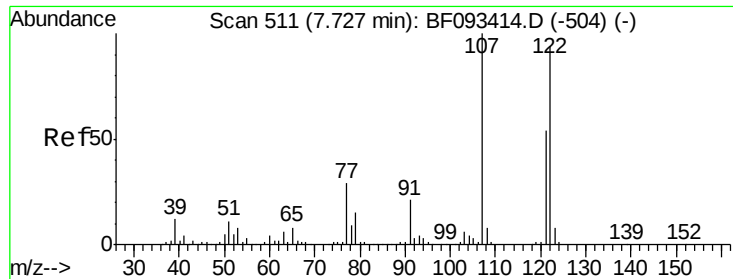


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0





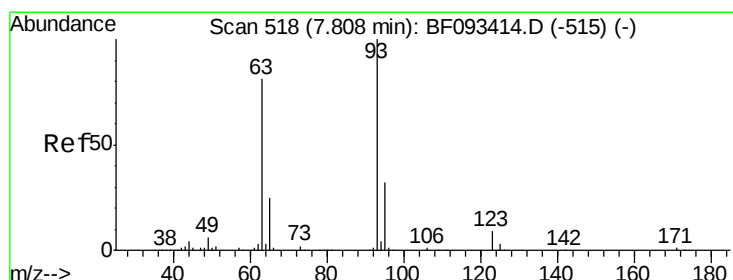
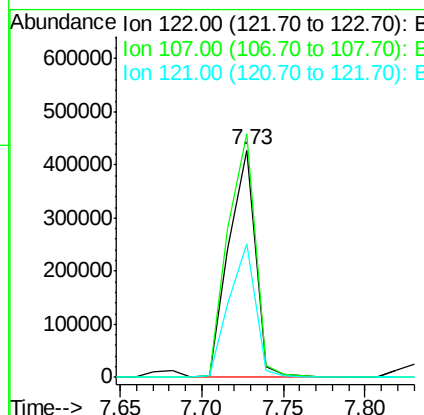
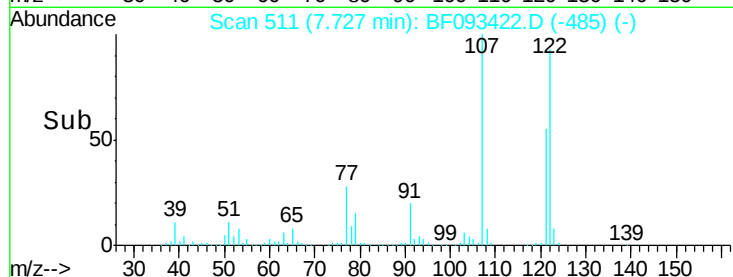
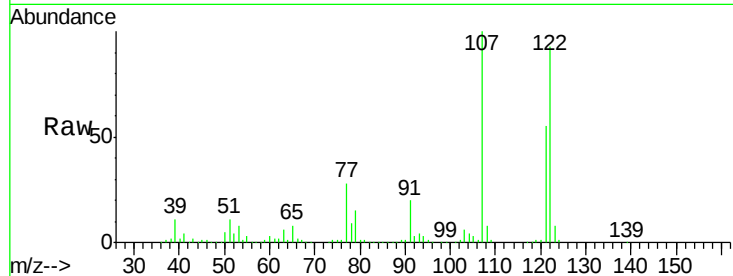
#27
 2,4-Dimethylphenol
 Concen: 45.80 ng
 RT: 7.73 min Scan# 511
 Delta R.T. 0.00 min
 Lab File: BF093422.D
 Acq: 7 Mar 2017 16:47

Instrument :
 BNA_F
 ClientSampleId :
 PB97390BS

Tot Ion	Ratio	Resp	Lower	Upper
122	100	478808		
107	107.2	94.1	141.1	
121	58.6	46.0	69.0	

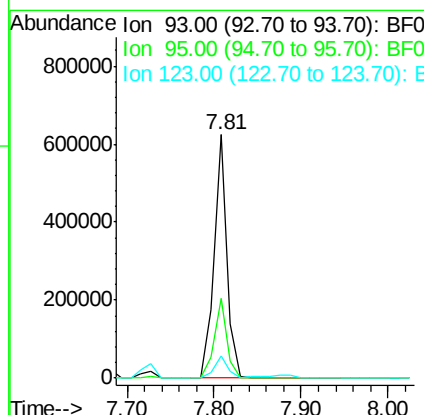
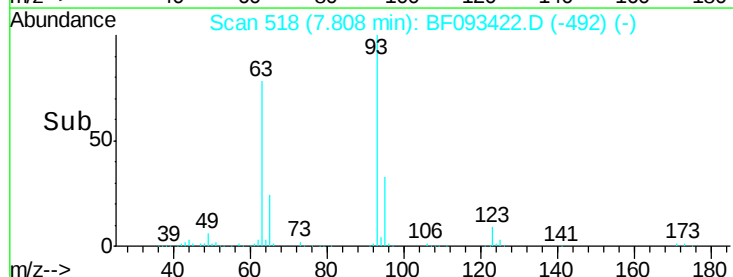
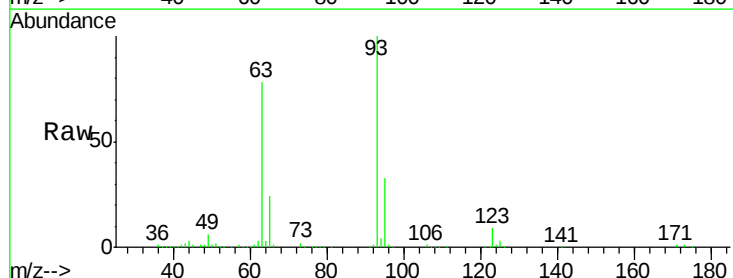
Manual Integrations
 APPROVED

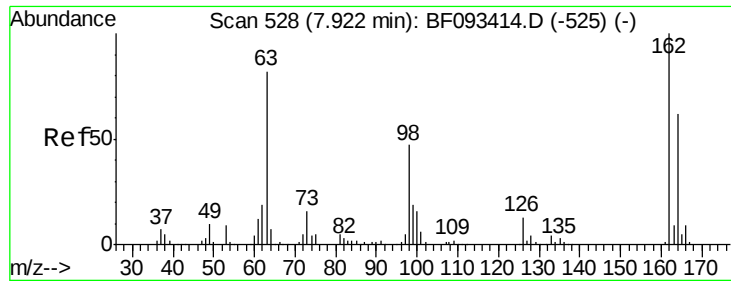
mohammad
 3/8/2017 1:45:52 PM



#28
 bis(2-Chloroethoxy)methane
 Concen: 41.02 ng
 RT: 7.81 min Scan# 518
 Delta R.T. 0.00 min
 Lab File: BF093422.D
 Acq: 7 Mar 2017 16:47

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	654464		
95	32.5	26.5	39.7	
123	9.3	8.6	13.0	





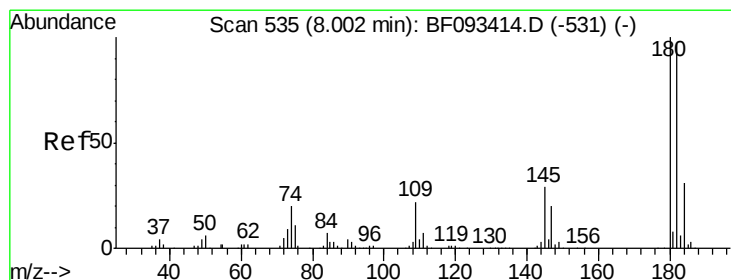
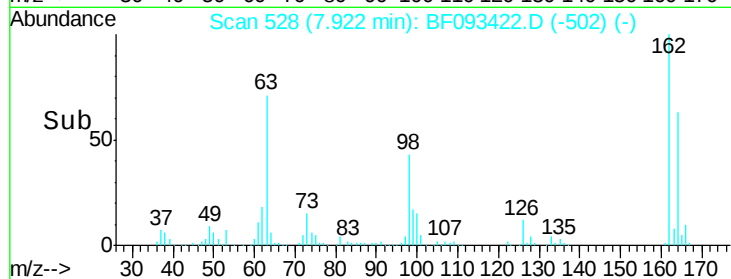
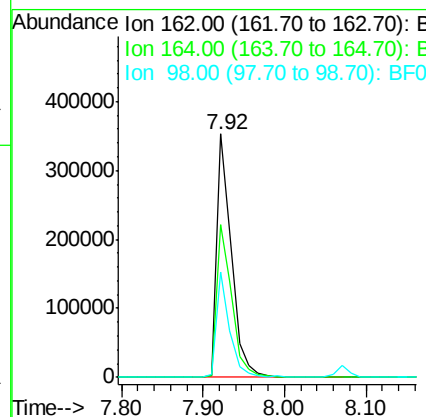
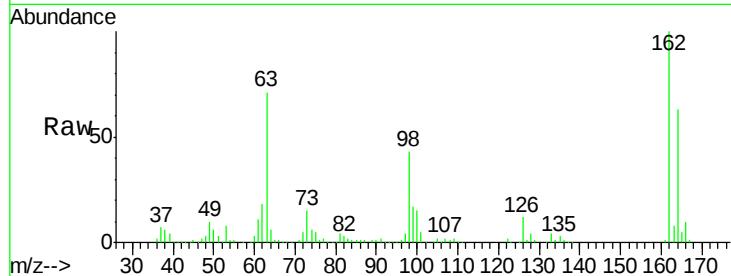
#29
 2,4-Dichlorophenol
 Concen: 45.24 ng
 RT: 7.92 min Scan# 528
 Delta R.T. 0.00 min
 Lab File: BF093422.D
 Acq: 7 Mar 2017 16:47

Instrument :
 BNA_F
 ClientSampleId :
 PB97390BS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	444898		
164	62.8	46.8	86.8	
98	43.2	9.1	49.1	

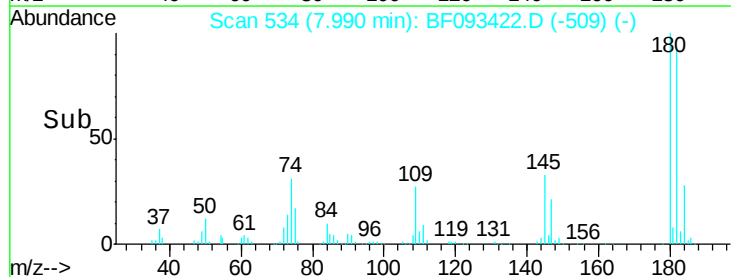
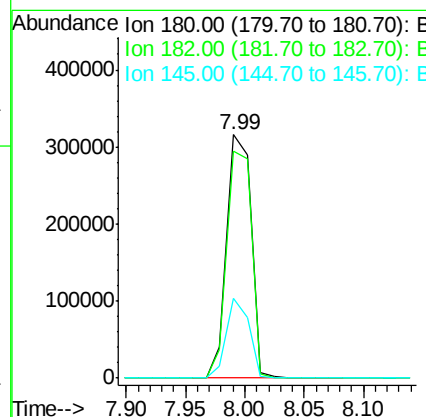
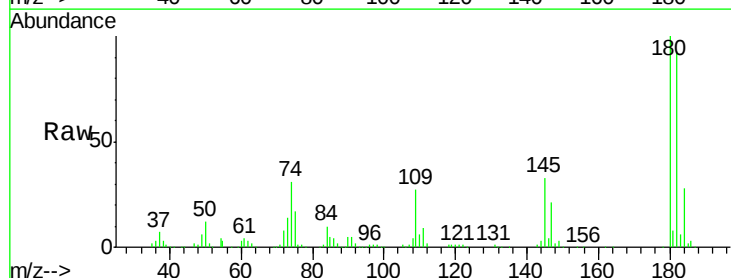
Manual Integrations
 APPROVED

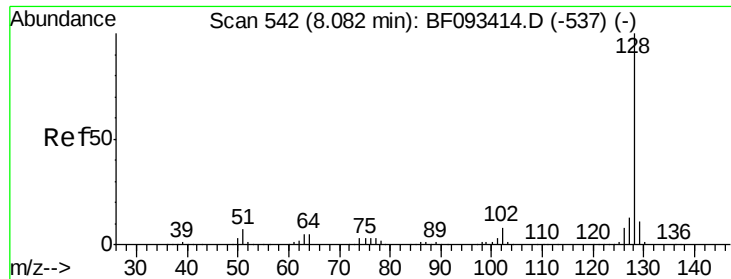
mohammad
 3/8/2017 1:45:52 PM



#30
 1,2,4-Trichlorobenzene
 Concen: 43.04 ng
 RT: 7.99 min Scan# 534
 Delta R.T. -0.01 min
 Lab File: BF093422.D
 Acq: 7 Mar 2017 16:47

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	450196		
182	93.3	78.2	117.4	
145	32.7	21.6	32.4	





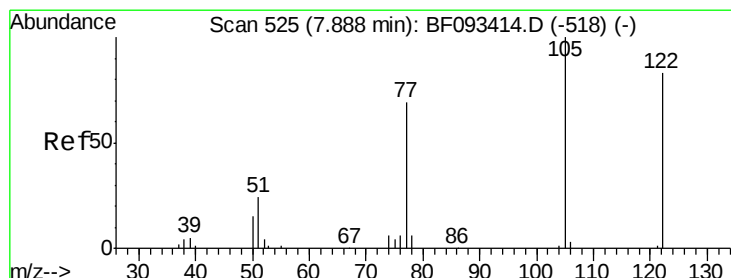
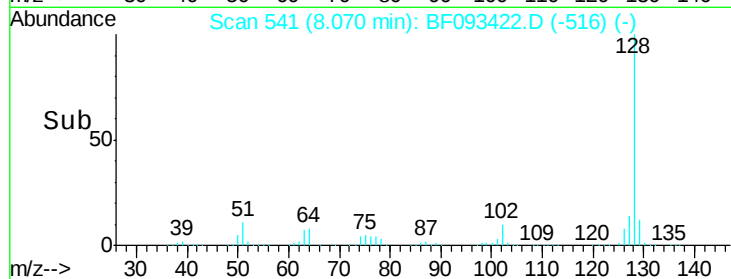
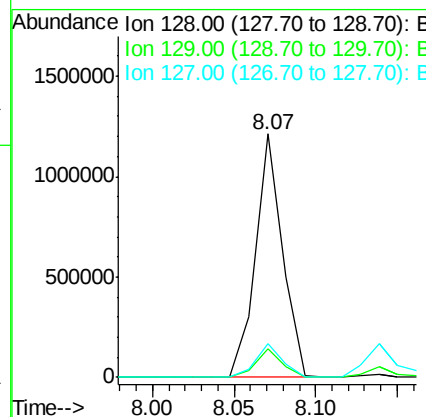
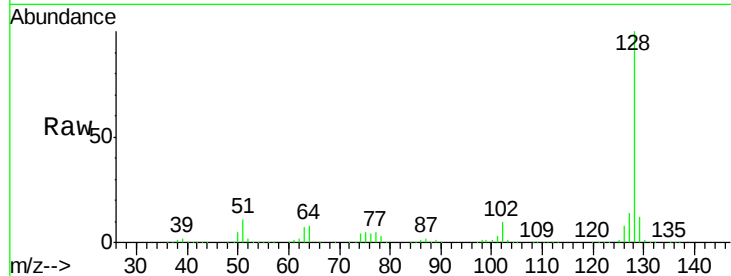
#31
Naphthalene
Concen: 40.04 ng
RT: 8.07 min Scan# 541
Delta R.T. -0.01 min
Lab File: BF093422.D
Acq: 7 Mar 2017 16:47

Instrument :
BNA_F
ClientSampleId :
PB97390BS

Tot Ion:128 Resp: 1395127
Ion Ratio Lower Upper
128 100
129 11.6 9.5 14.3
127 14.0 10.8 16.2

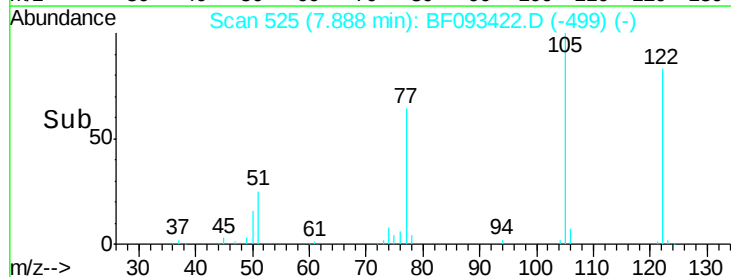
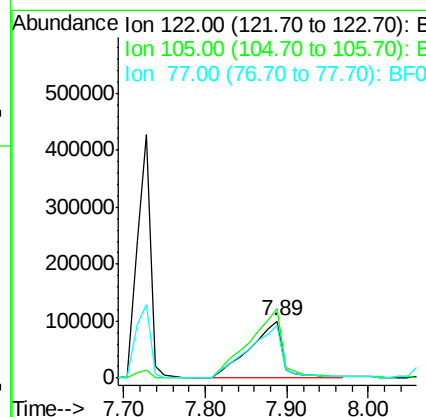
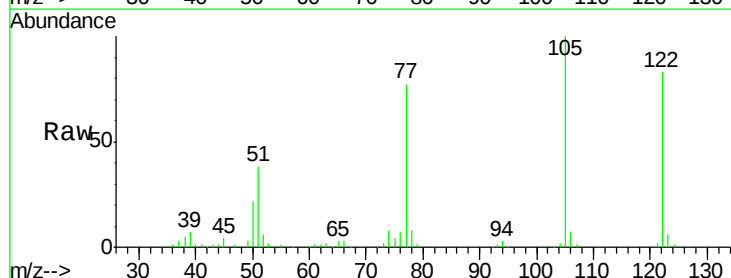
Manual Integrations
APPROVED

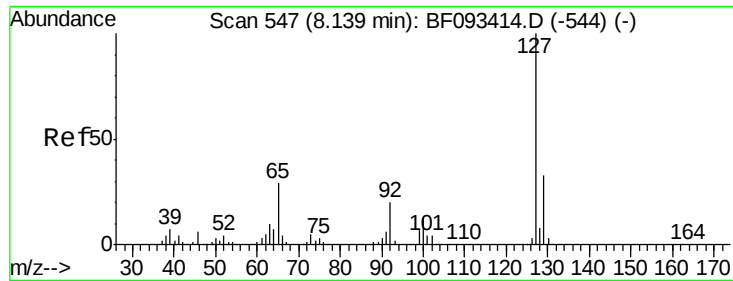
mohammad
3/8/2017 1:45:52 PM



#32
Benzoic acid
Concen: 51.64 ng
RT: 7.89 min Scan# 525
Delta R.T. 0.00 min
Lab File: BF093422.D
Acq: 7 Mar 2017 16:47

Tgt Ion:122 Resp: 280519
Ion Ratio Lower Upper
122 100
105 121.0 107.2 147.2
77 93.2 74.5 114.5





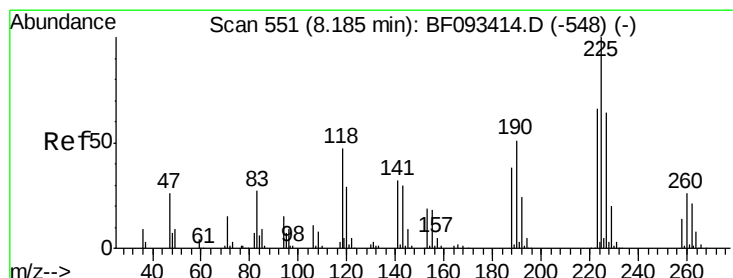
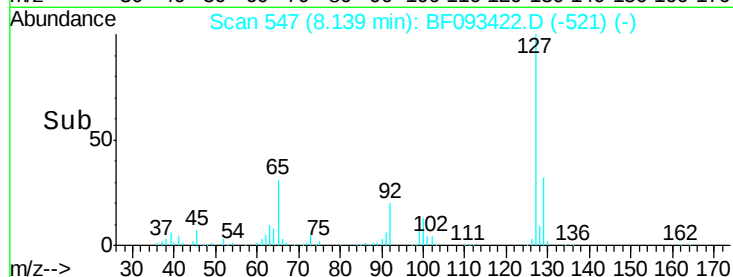
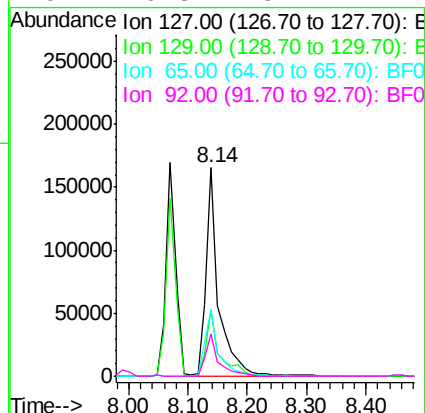
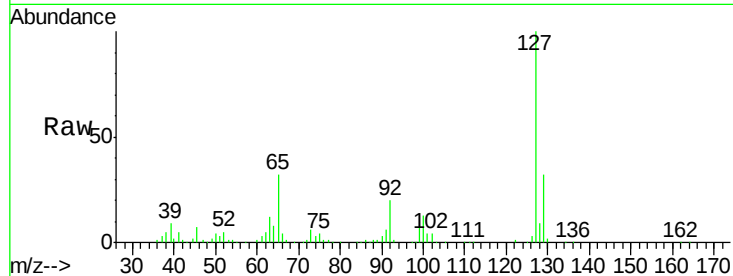
#33
4-Chloroaniline
Concen: 17.92 ng
RT: 8.14 min Scan# 547
Delta R.T. 0.00 min
Lab File: BF093422.D
Acq: 7 Mar 2017 16:47

Instrument :
BNA_F
ClientSampleId :
PB97390BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	31.7	26.3	39.5		
65	32.2	25.8	38.8		
92	20.3	16.1	24.1		

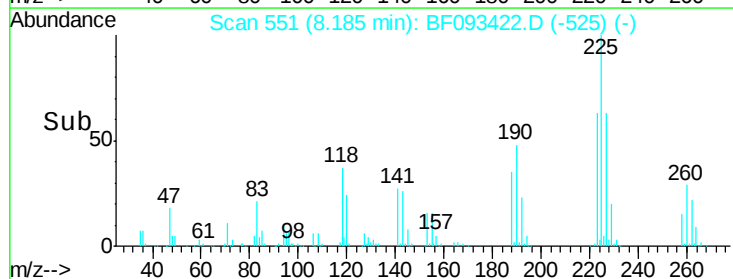
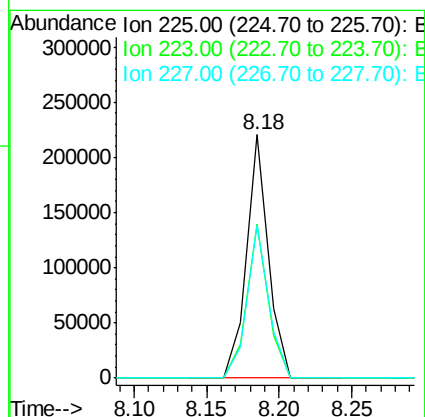
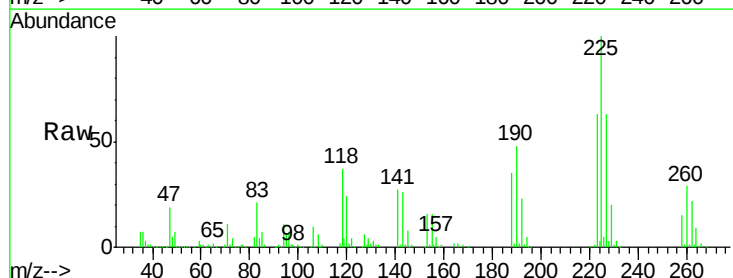
Manual Integrations
APPROVED

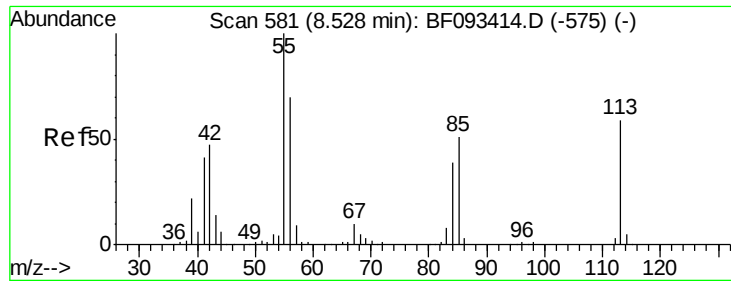
mohammad
3/8/2017 1:45:52 PM



#34
Hexachlorobutadiene
Concen: 42.75 ng
RT: 8.18 min Scan# 551
Delta R.T. 0.00 min
Lab File: BF093422.D
Acq: 7 Mar 2017 16:47

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	63.4	51.0	76.6		
227	62.7	50.6	76.0		





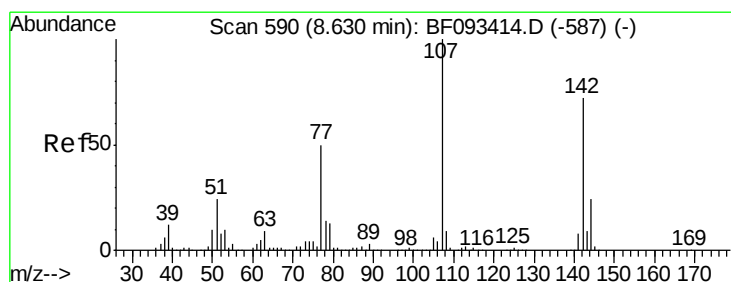
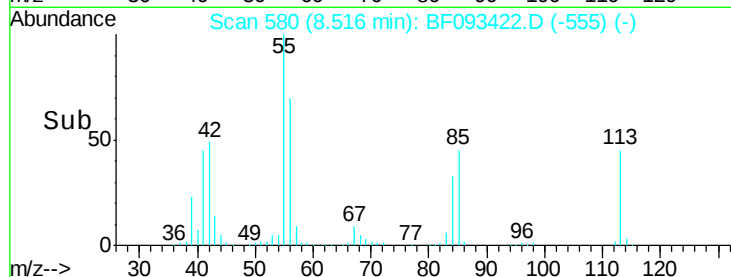
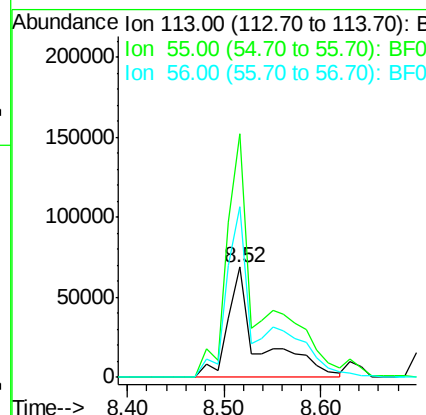
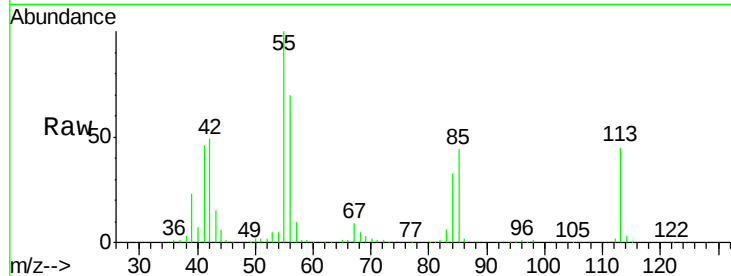
#35
Caprolactam
Concen: 46.19 ng/ml
RT: 8.52 min Scan# 580
Delta R.T. -0.01 min
Lab File: BF093422.D
Acq: 7 Mar 2017 16:47

Instrument :
BNA_F
ClientSampleID :
PB97390BS

Tot Ion	Ratio	Resp	Lower	Upper
113	100			
55	220.7	119.2	159.2#	
56	154.2	83.8	123.8#	

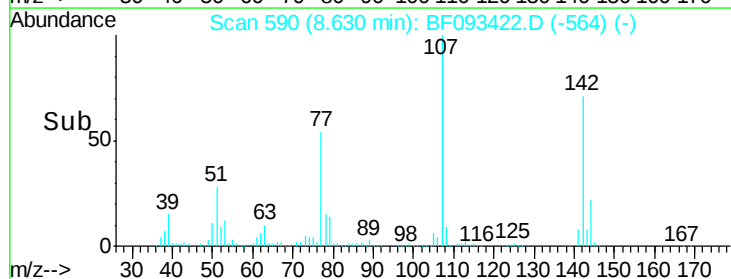
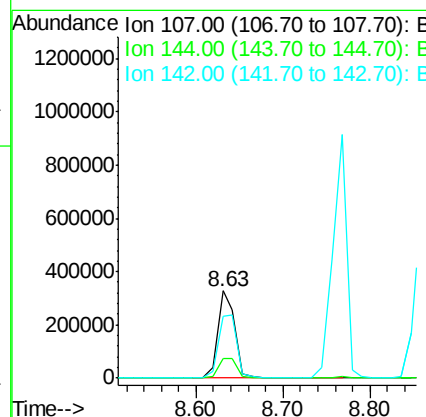
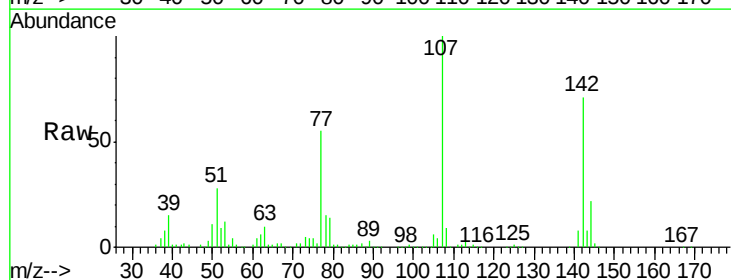
Manual Integrations
APPROVED

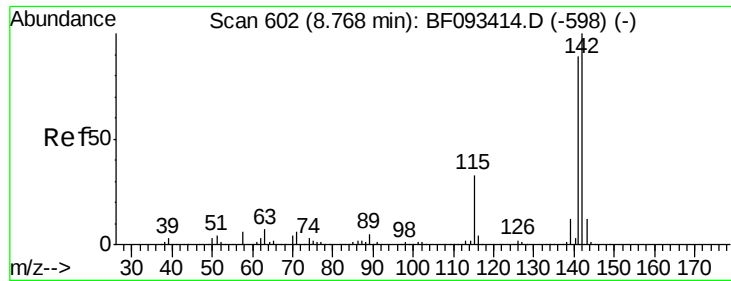
mohammad
3/8/2017 1:45:52 PM



#36
4-Chloro-3-methylphenol
Concen: 43.05 ng
RT: 8.63 min Scan# 590
Delta R.T. 0.00 min
Lab File: BF093422.D
Acq: 7 Mar 2017 16:47

Tgt Ion	Ratio	Resp	Lower	Upper
107	100			
144	21.9	19.3	28.9	
142	70.8	59.0	88.6	





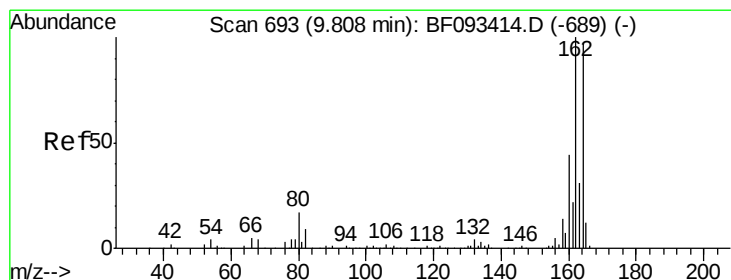
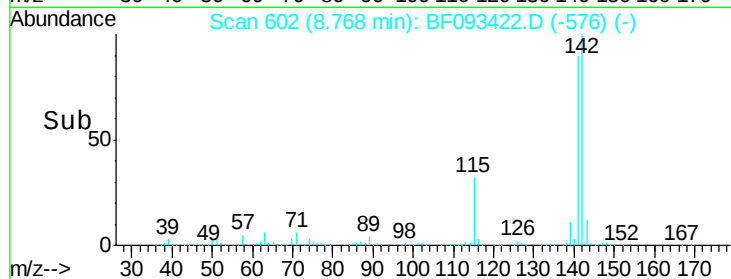
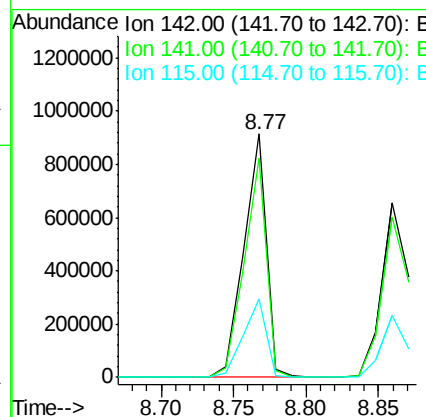
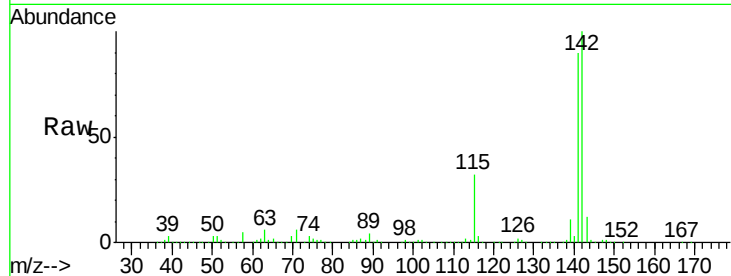
#37
2-Methylnaphthalene
Concen: 44.57 ng
RT: 8.77 min Scan# 602
Delta R.T. 0.00 min
Lab File: BF093422.D
Acq: 7 Mar 2017 16:47

Instrument :
BNA_F
ClientSampleId :
PB97390BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	90.1	71.0	106.6
115	32.1	28.3	42.5

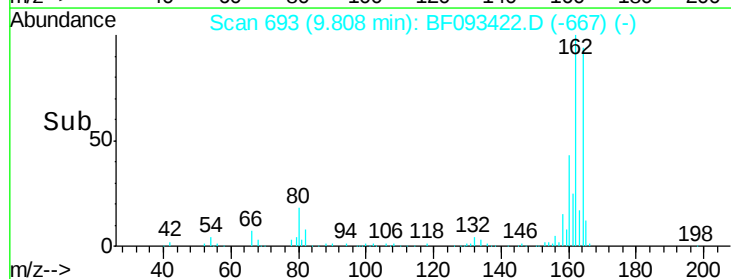
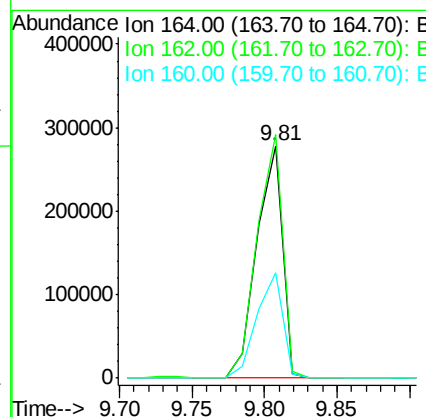
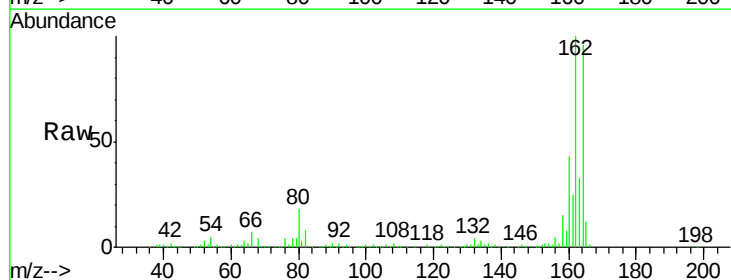
Manual Integrations
APPROVED

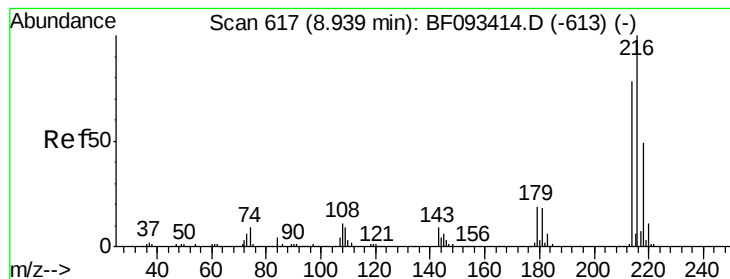
mohammad
3/8/2017 1:45:52 PM



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.81 min Scan# 693
Delta R.T. 0.00 min
Lab File: BF093422.D
Acq: 7 Mar 2017 16:47

Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.6	80.2	120.2
160	45.5	36.9	55.3





#39

1,2,4,5-Tetrachlorobenzene

Concen: 44.48 ng

RT: 8.94 min Scan# 617

Delta R.T. 0.00 min

Lab File: BF093422.D

Acq: 7 Mar 2017 16:47

Instrument :

BNA_F

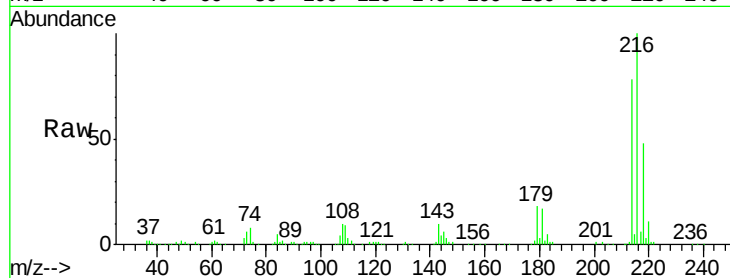
ClientSampleId :

PB97390BS

Tot Ion	Ratio	Resp	Lower	Upper
216	100	416719		
214	79.4	63.4	95.0	
179	20.9	17.4	26.2	
108	20.4	15.6	23.4	

Manual Integrations
APPROVED

mohammad
3/8/2017 1:45:52 PM

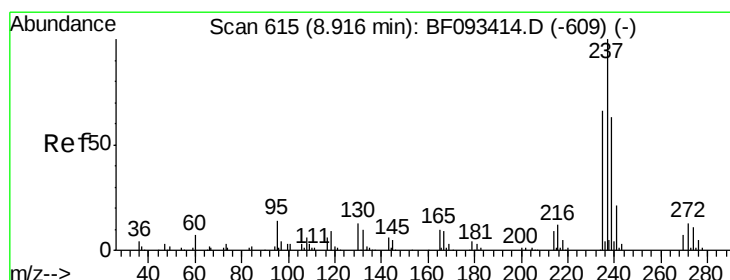
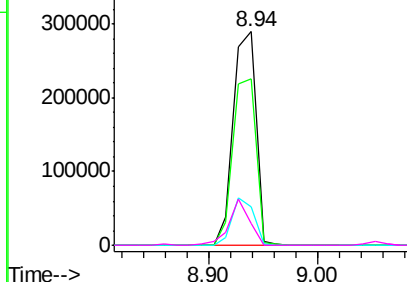
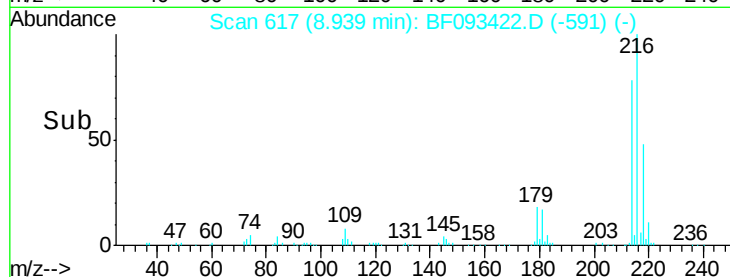


Abundance Ion 216.00 (215.70 to 216.70): E

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: 95.32 ng

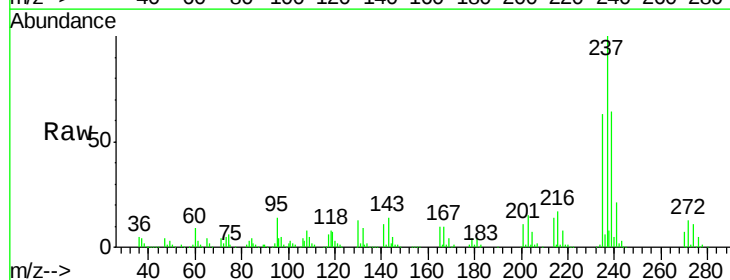
RT: 8.92 min Scan# 615

Delta R.T. 0.00 min

Lab File: BF093422.D

Acq: 7 Mar 2017 16:47

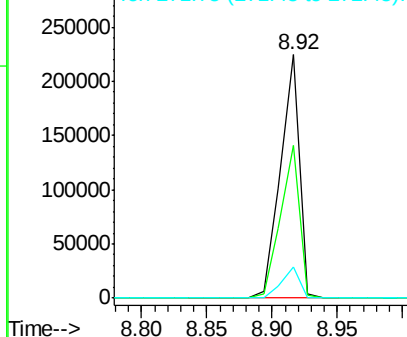
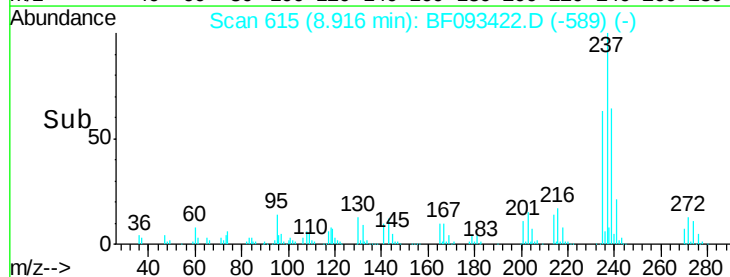
Tgt Ion	Ratio	Resp	Lower	Upper
237	100	231783		
235	62.8	41.2	81.2	
272	12.8	0.0	35.4	

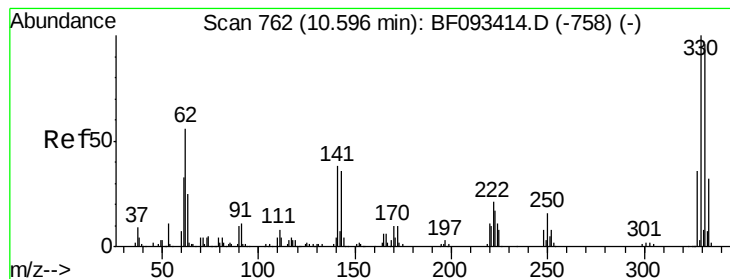


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E





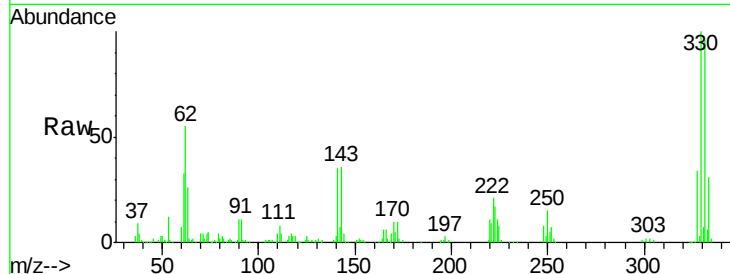
#41
 2,4,6-Tribromophenol
 Concen: 99.97 ng
 RT: 10.60 min Scan# 762
 Delta R.T. 0.00 min
 Lab File: BF093422.D
 Acq: 7 Mar 2017 16:47

Instrument :
 BNA_F
 ClientSampleId :
 PB97390BS

Tot Ion	Ratio	Resp	Lower	Upper
330	100	223478		
332	96.4		77.4	116.2
141	38.3		34.1	51.1

Manual Integrations
 APPROVED

mohammad
 3/8/2017 1:45:52 PM

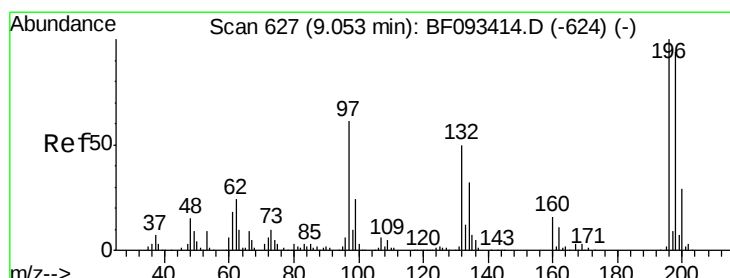
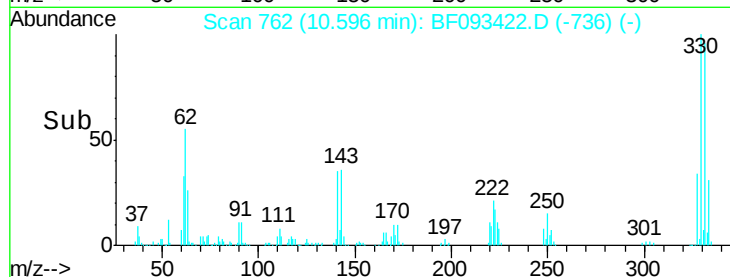
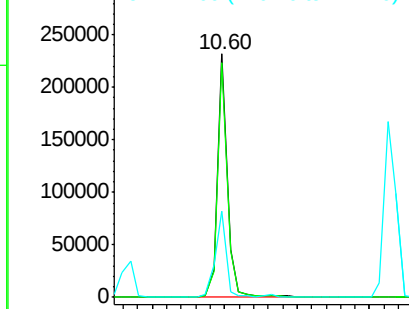


Abundance

Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#42
 2,4,6-Trichlorophenol
 Concen: 49.80 ng
 RT: 9.05 min Scan# 627
 Delta R.T. 0.00 min
 Lab File: BF093422.D
 Acq: 7 Mar 2017 16:47

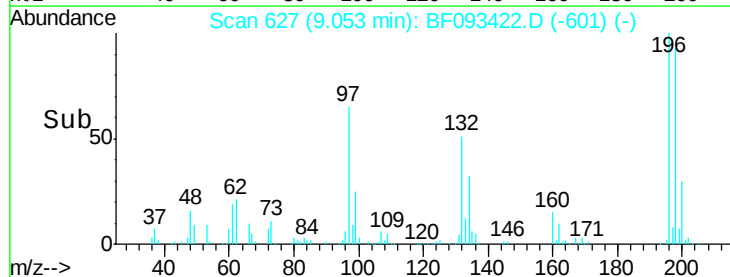
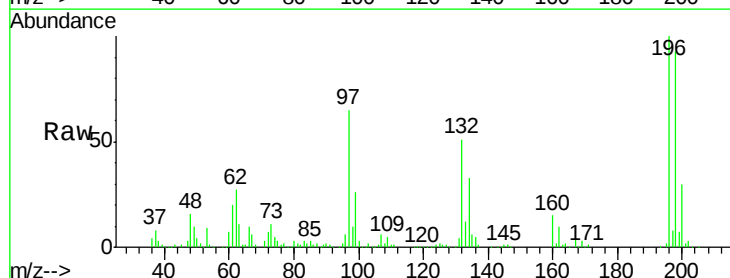
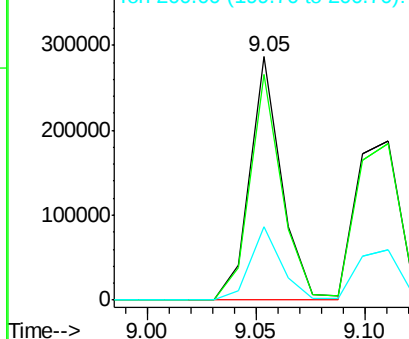
Tgt Ion	Ratio	Resp	Lower	Upper
196	100	291506		
198	92.6		82.1	123.1
200	29.9		27.0	40.4

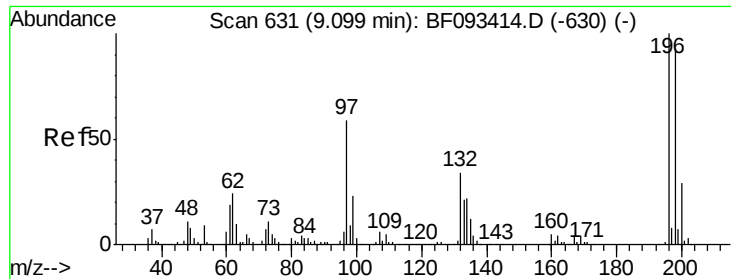
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E





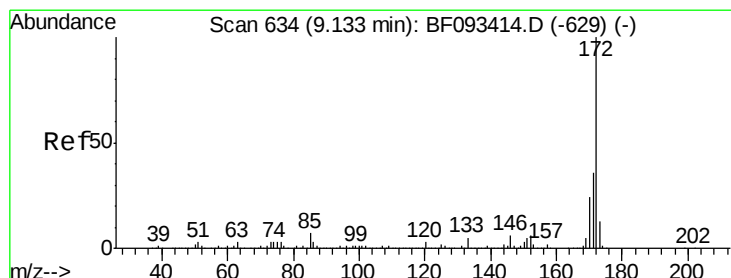
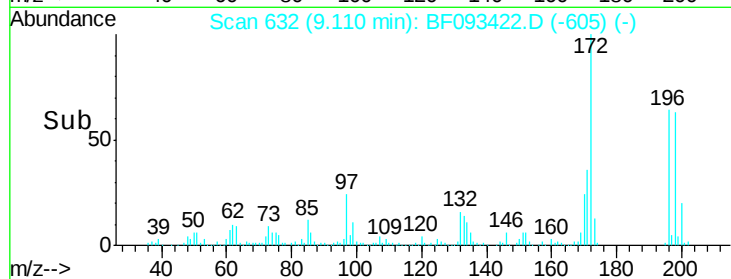
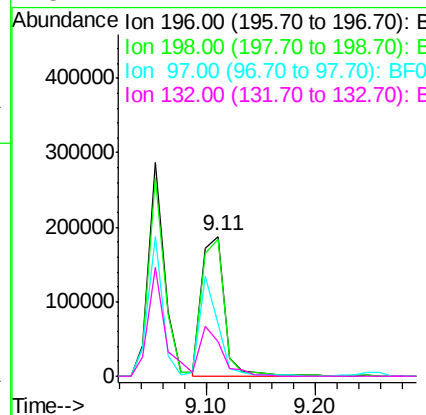
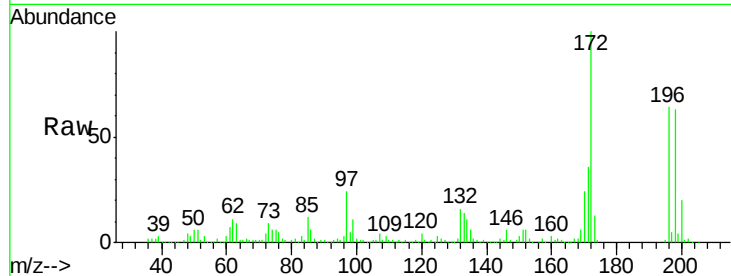
#43
2,4,5-Trichlorophenol
Concen: 43.67 ng
RT: 9.11 min Scan# 632
Delta R.T. 0.01 min
Lab File: BF093422.D
Acq: 7 Mar 2017 16:47

Instrument :
BNA_F
ClientSampleId :
PB97390BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	274287		
198	98.1	79.4	119.2	
97	37.9	51.5	77.3	
132	24.7	27.4	41.2	

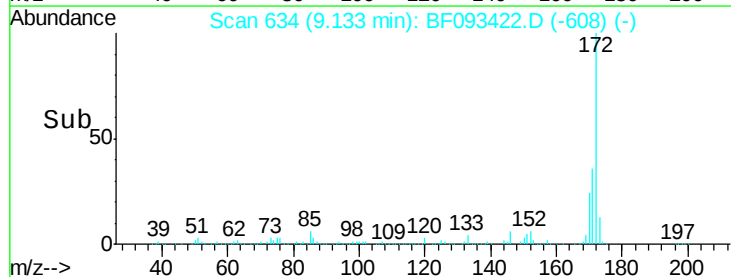
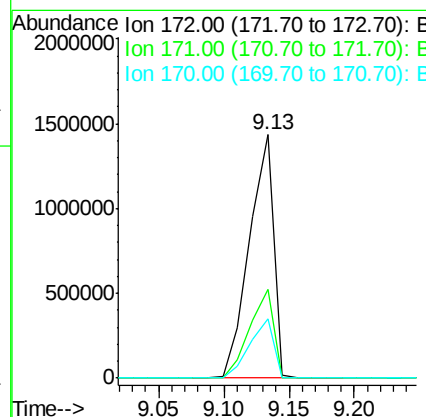
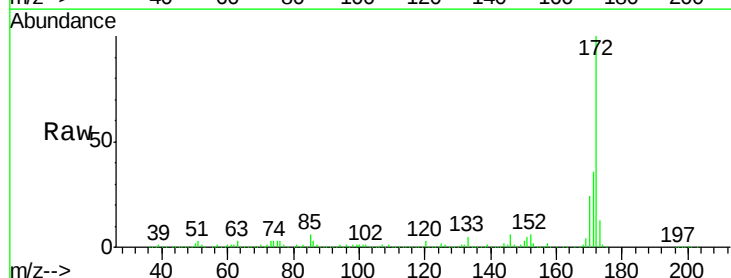
Manual Integrations
APPROVED

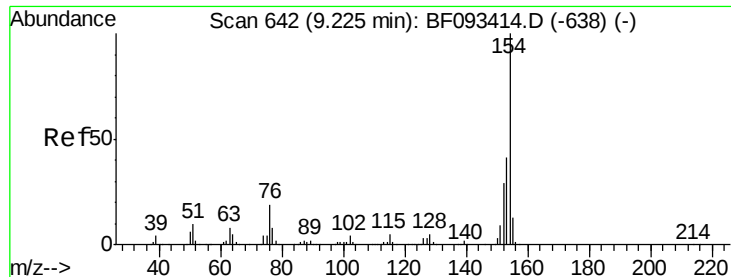
mohammad
3/8/2017 1:45:52 PM



#44
2-Fluorobiphenyl
Concen: 100.82 ng
RT: 9.13 min Scan# 634
Delta R.T. 0.00 min
Lab File: BF093422.D
Acq: 7 Mar 2017 16:47

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1859699		
171	36.3	29.4	44.0	
170	24.4	20.2	30.4	





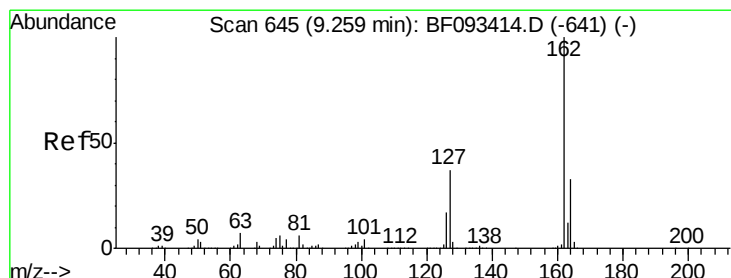
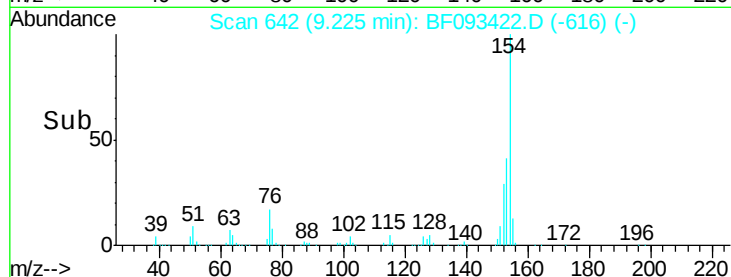
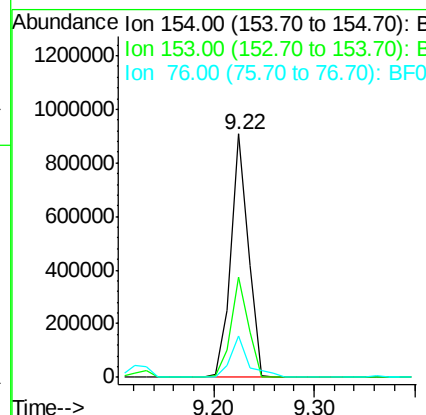
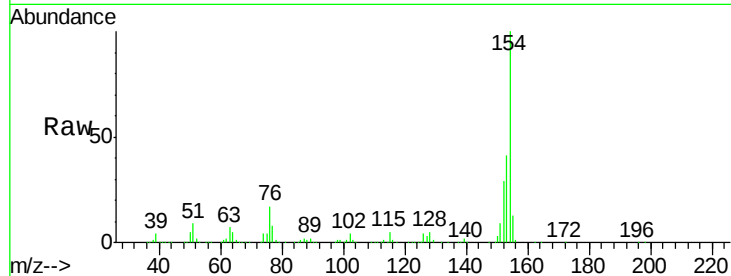
#45
 1,1'-Biphenyl
 Concen: 43.85 ng
 RT: 9.22 min Scan# 642
 Delta R.T. 0.00 min
 Lab File: BF093422.D
 Acq: 7 Mar 2017 16:47

Instrument :
 BNA_F
 ClientSampleId :
 PB97390BS

Tot Ion	Ratio	Lower	Upper
154	100		
153	41.2	20.9	60.9
76	17.1	0.0	30.5

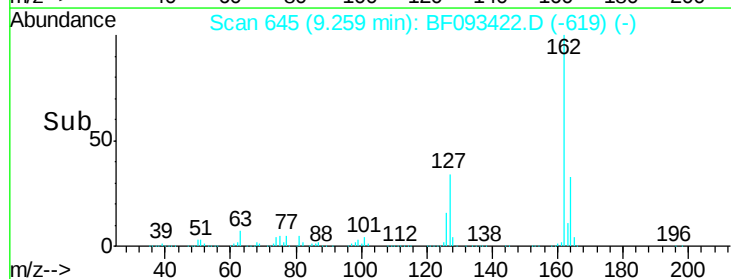
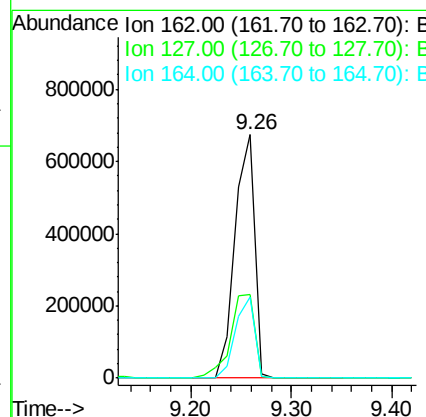
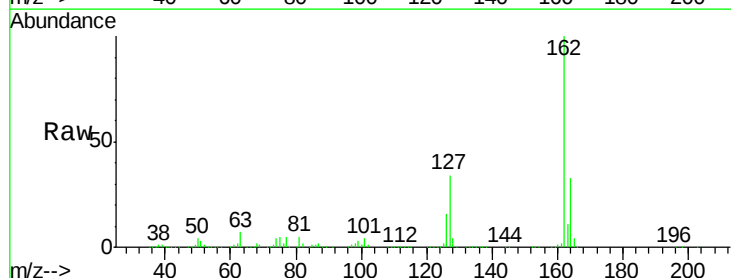
Manual Integrations
 APPROVED

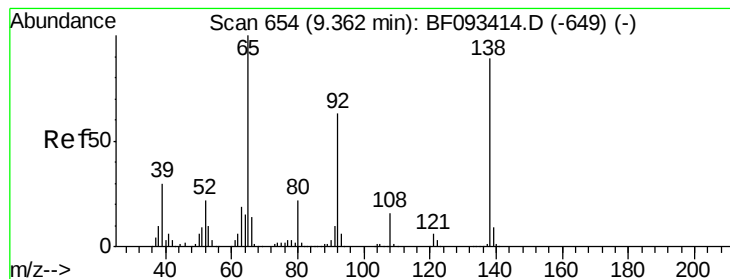
mohammad
 3/8/2017 1:45:52 PM



#46
 2-Chloronaphthalene
 Concen: 48.00 ng
 RT: 9.26 min Scan# 645
 Delta R.T. 0.00 min
 Lab File: BF093422.D
 Acq: 7 Mar 2017 16:47

Tgt Ion	Ratio	Lower	Upper
162	100		
127	34.5	30.7	46.1
164	33.2	27.6	41.4





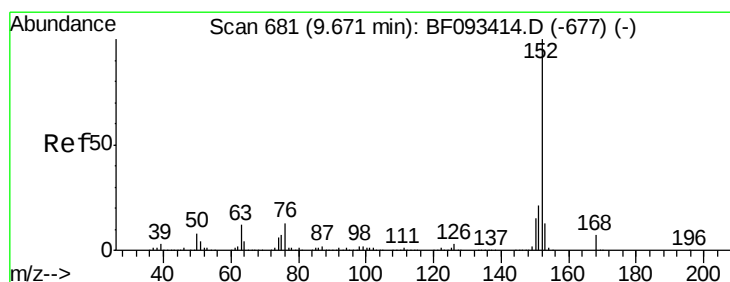
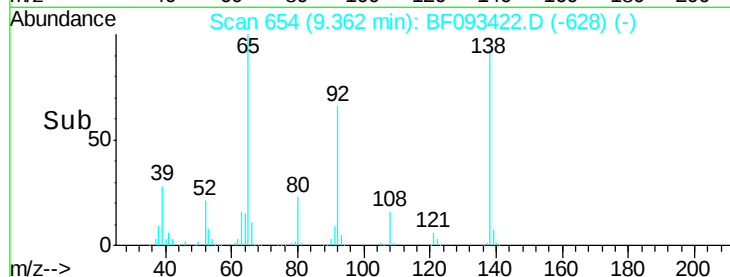
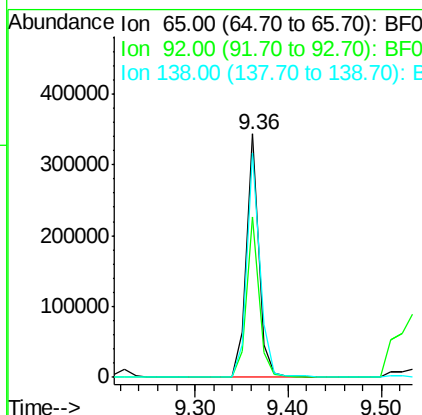
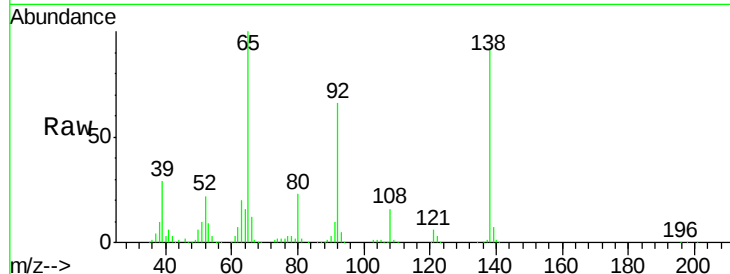
#47
2-Nitroaniline
Concen: 47.54 ng
RT: 9.36 min Scan# 654
Delta R.T. 0.00 min
Lab File: BF093422.D
Acq: 7 Mar 2017 16:47

Instrument :
BNA_F
ClientSampleId :
PB97390BS

Tot Ion	Ratio	Lower	Upper
65	100		
92	65.6	53.9	80.9
138	92.3	76.8	115.2

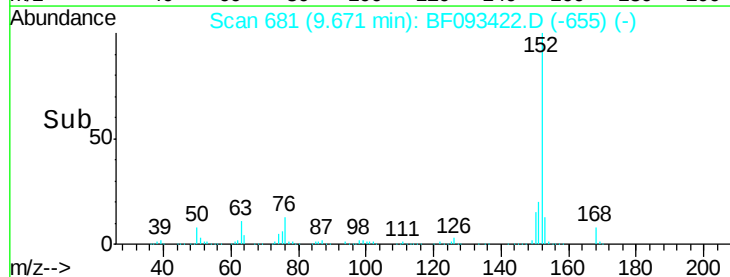
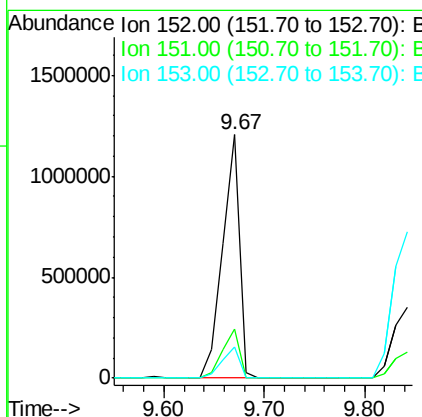
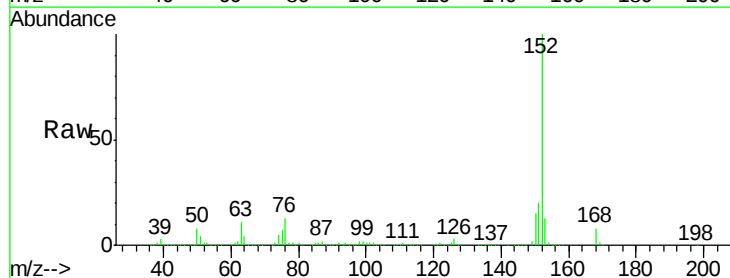
Manual Integrations
APPROVED

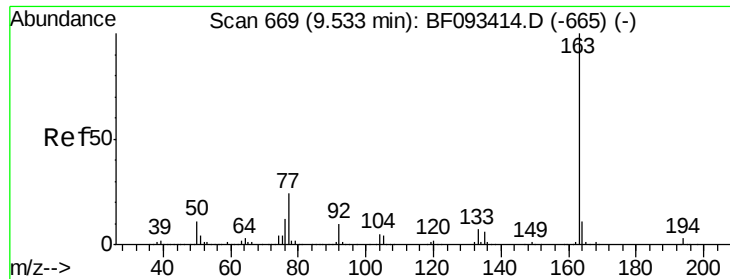
mohammad
3/8/2017 1:45:52 PM



#48
Acenaphthylene
Concen: 44.69 ng
RT: 9.67 min Scan# 681
Delta R.T. 0.00 min
Lab File: BF093422.D
Acq: 7 Mar 2017 16:47

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.1	16.9	25.3
153	12.9	11.4	17.2





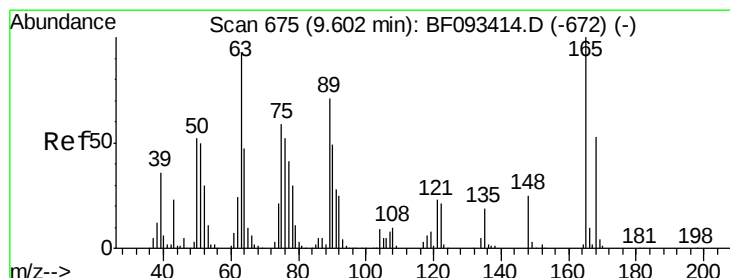
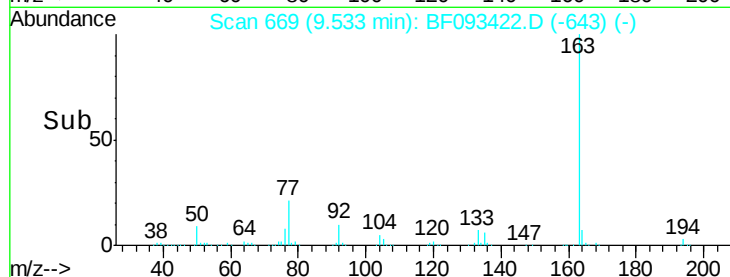
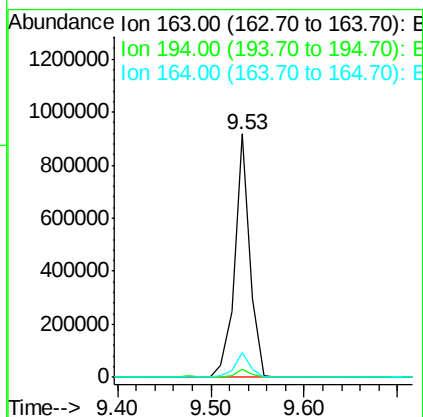
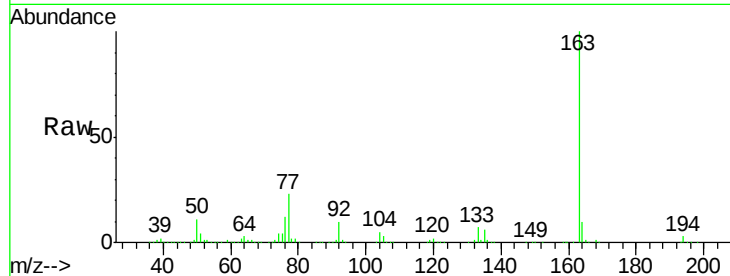
#49
Dimethylphthalate
Concen: 45.91 ng
RT: 9.53 min Scan# 669
Delta R.T. 0.00 min
Lab File: BF093422.D
Acq: 7 Mar 2017 16:47

Instrument :
BNA_F
ClientSampleId :
PB97390BS

Tot Ion	Ratio	Lower	Upper
163	100		
194	3.4	3.0	4.4
164	10.4	8.0	12.0

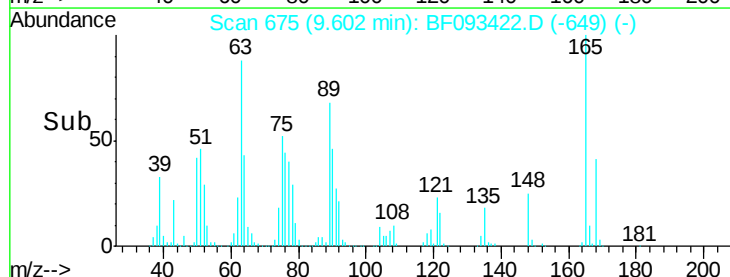
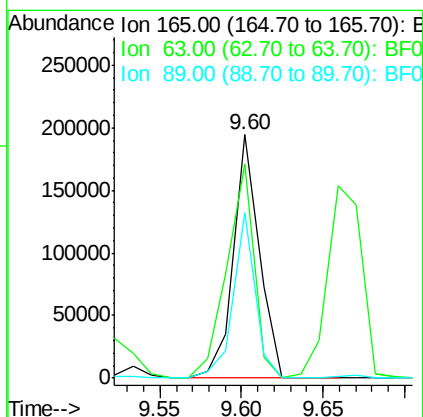
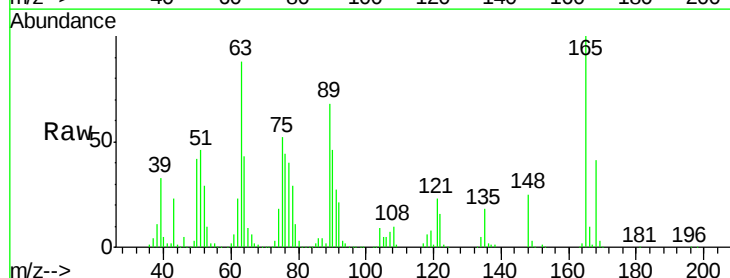
Manual Integrations
APPROVED

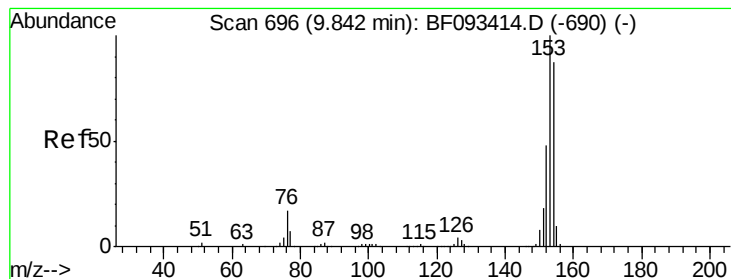
mohammad
3/8/2017 1:45:52 PM



#50
2,6-Dinitrotoluene
Concen: 42.37 ng
RT: 9.60 min Scan# 675
Delta R.T. 0.00 min
Lab File: BF093422.D
Acq: 7 Mar 2017 16:47

Tgt Ion	Ratio	Lower	Upper
165	100		
63	88.1	36.2	54.4#
89	68.1	40.2	60.4#





#51

Acenaphthene

Concen: 46.10 ng

RT: 9.84 min Scan# 696

Delta R.T. 0.00 min

Lab File: BF093422.D

Acq: 7 Mar 2017 16:47

Instrument :

BNA_F

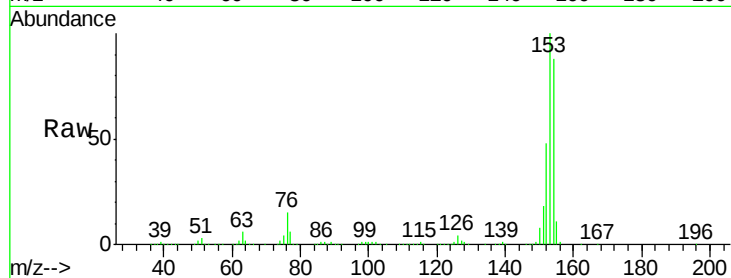
ClientSampleId :

PB97390BS

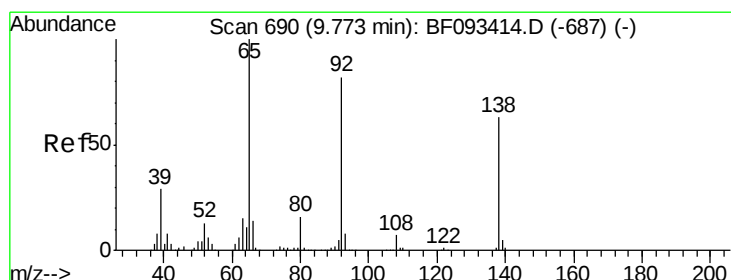
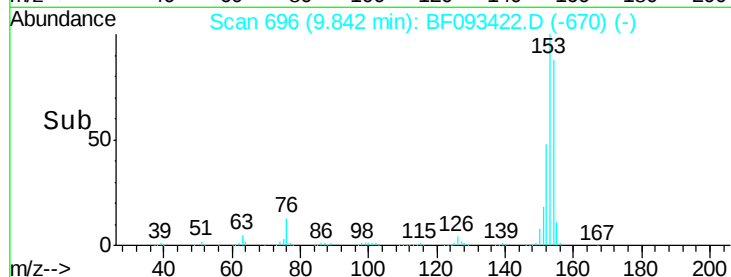
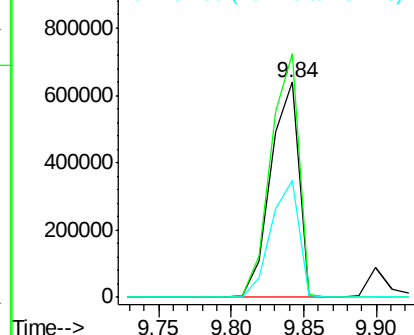
Tot Ion:	154	Resp:	860166
Ion Ratio	Lower	Upper	
154	100		
153	113.2	88.6	133.0
152	54.4	41.6	62.4

Manual Integrations
APPROVED

mohammad
3/8/2017 1:45:52 PM



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 25.29 ng

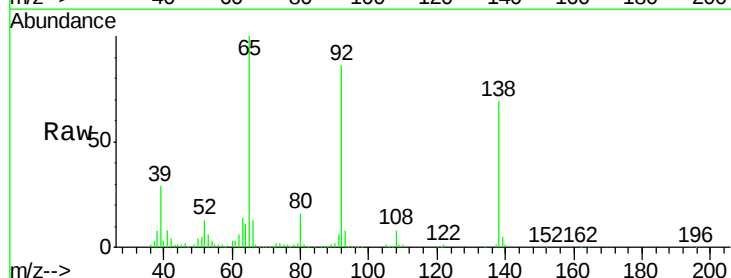
RT: 9.77 min Scan# 690

Delta R.T. 0.00 min

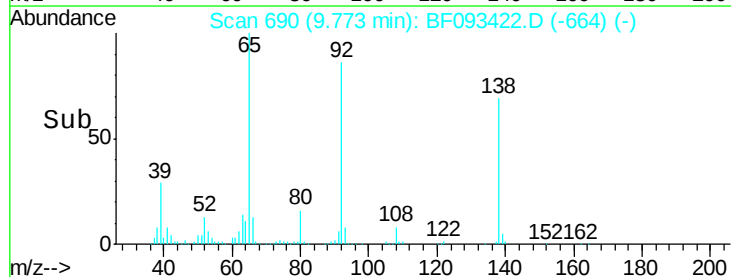
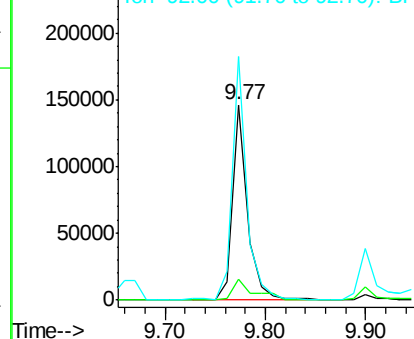
Lab File: BF093422.D

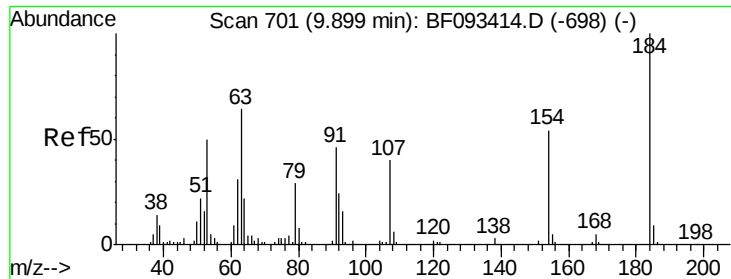
Acq: 7 Mar 2017 16:47

Tgt Ion:	138	Resp:	151629
Ion Ratio	Lower	Upper	
138	100		
108	11.0	8.5	12.7
92	124.6	97.8	146.8



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





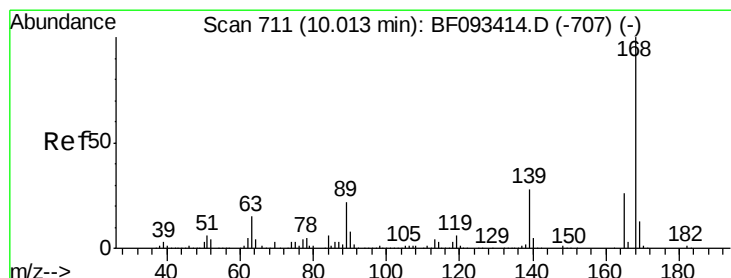
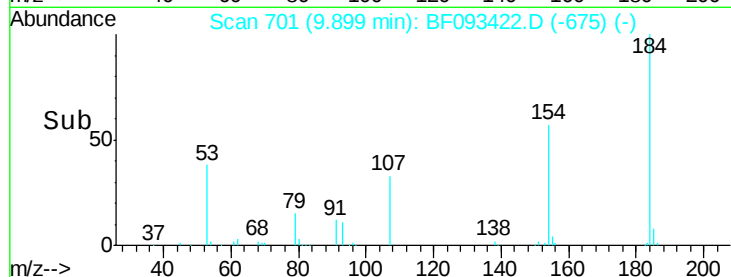
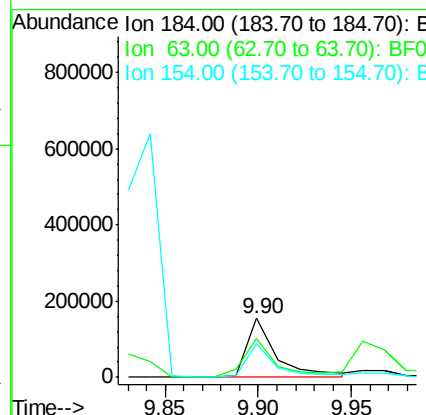
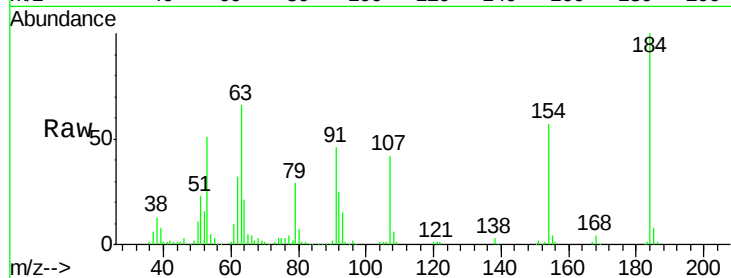
#53
2,4-Dinitrophenol
Concen: 75.07 ng
RT: 9.90 min Scan# 701
Delta R.T. 0.00 min
Lab File: BF093422.D
Acq: 7 Mar 2017 16:47

Instrument :
BNA_F
ClientSampleId :
PB97390BS

Tot Ion	Ratio	Resp	Lower	Upper
184	100			
63	65.5	28.4	42.6	#
154	57.2	44.3	66.5	

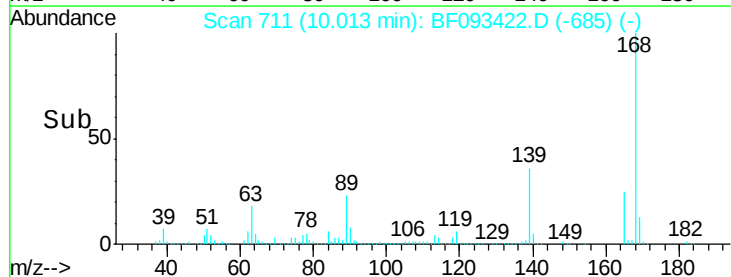
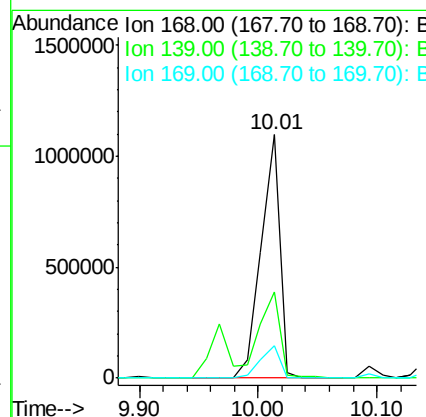
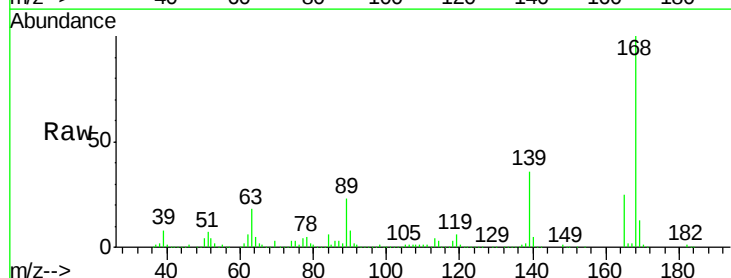
Manual Integrations
APPROVED

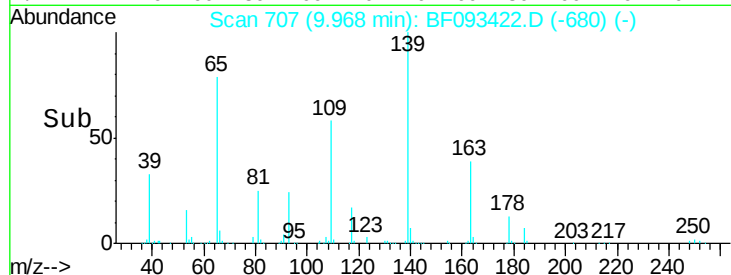
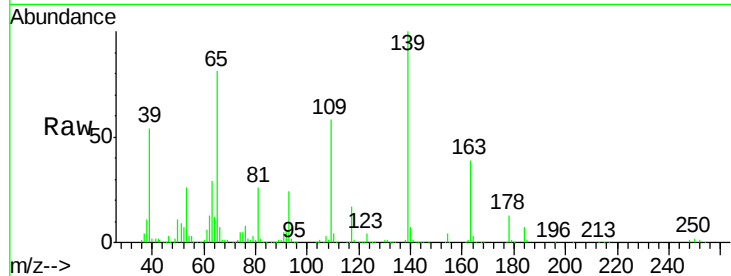
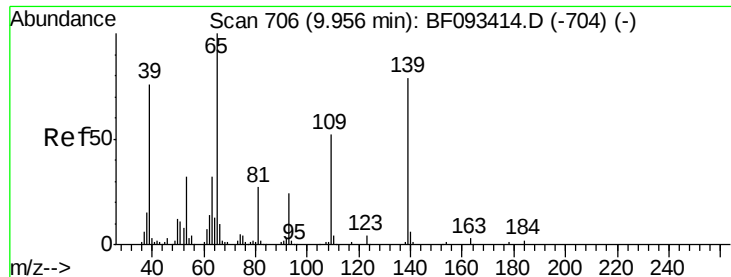
mohammad
3/8/2017 1:45:52 PM



#54
Dibenzofuran
Concen: 52.27 ng
RT: 10.01 min Scan# 711
Delta R.T. 0.00 min
Lab File: BF093422.D
Acq: 7 Mar 2017 16:47

Tgt Ion	Ratio	Resp	Lower	Upper
168	100			
139	35.5	32.6	49.0	
169	13.4	11.3	16.9	





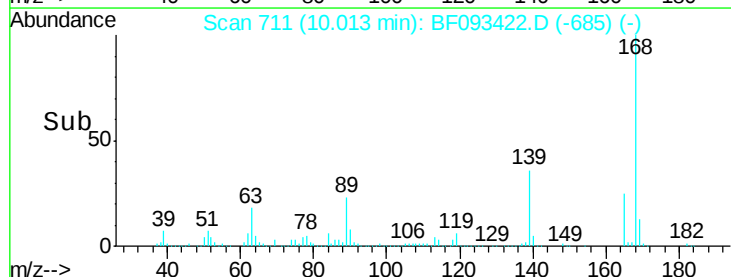
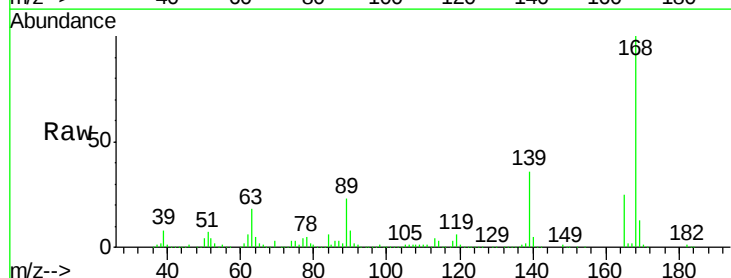
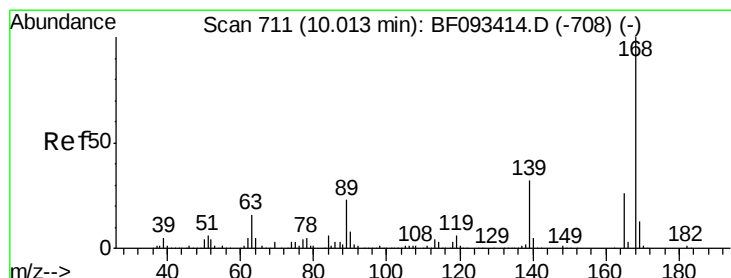
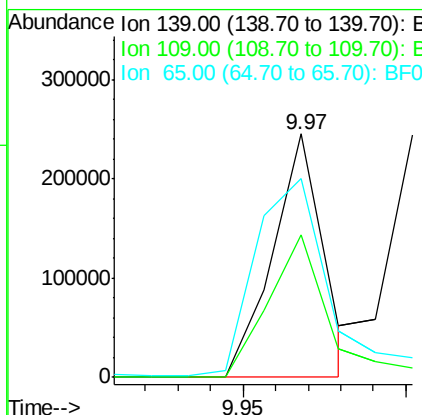
#55
4-Nitrophenol
Concen: 90.80 ng
RT: 9.97 min Scan# 707
Delta R.T. 0.01 min
Lab File: BF093422.D
Acq: 7 Mar 2017 16:47

Tot Ion	Ratio	Resp	Lower	Upper
139	100	264458		
109	58.3	52.2	92.2	
65	81.5	85.8	125.8	

Instrument :
BNA_F
ClientSampleId :
PB97390BS

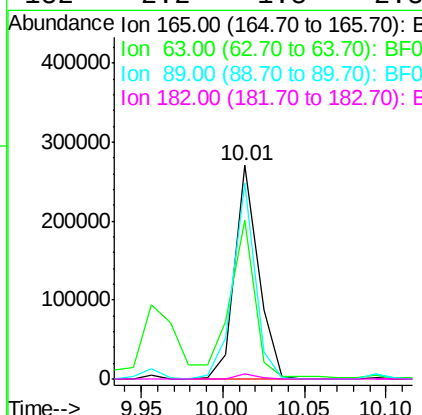
Manual Integrations
APPROVED

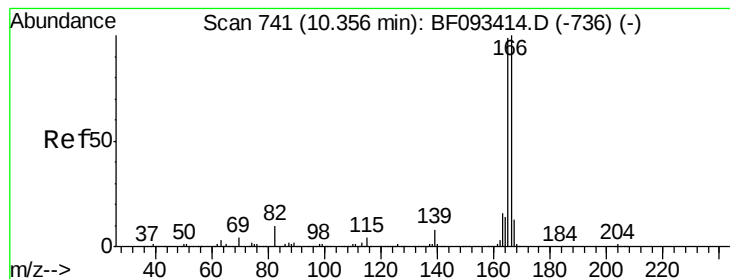
mohammad
3/8/2017 1:45:52 PM



#56
2,4-Dinitrotoluene
Concen: 44.19 ng
RT: 10.01 min Scan# 711
Delta R.T. 0.00 min
Lab File: BF093422.D
Acq: 7 Mar 2017 16:47

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	270977		
63	74.5	40.2	60.4	
89	91.7	62.5	93.7	
182	2.2	1.8	2.8	





#57

Fluorene

Concen: 47.30 ng

RT: 10.36 min Scan# 741

Delta R.T. 0.00 min

Lab File: BF093422.D

Acq: 7 Mar 2017 16:47

Instrument :

BNA_F

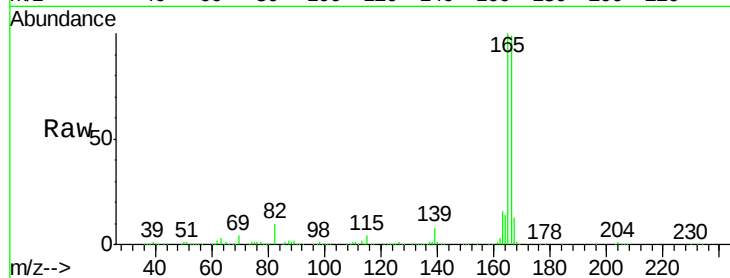
ClientSampleId :

PB97390BS

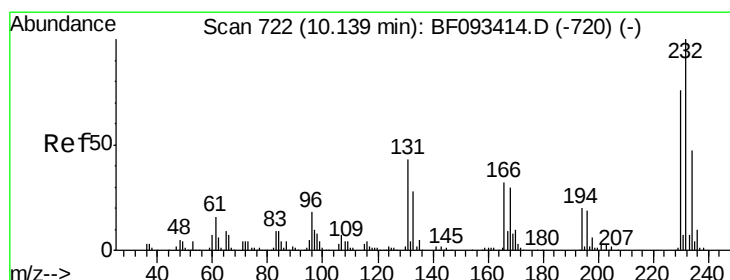
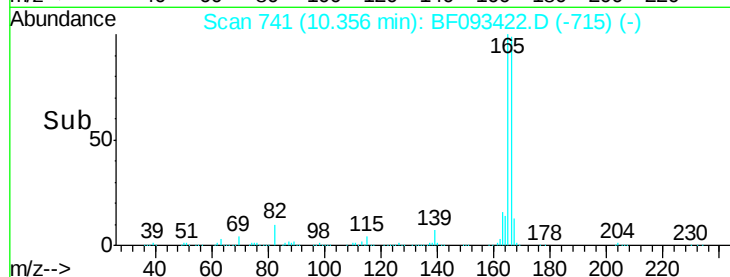
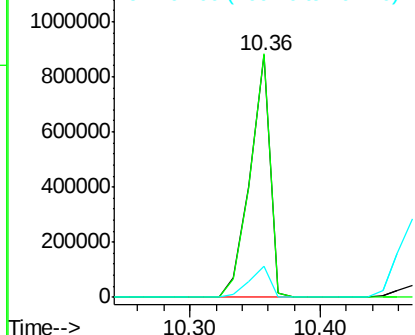
Tot Ion:	166	Resp:	936095
Ion Ratio	Lower	Upper	
166	100		
165	100.6	77.8	116.8
167	13.0	10.8	16.2

Manual Integrations
APPROVED

mohammad
3/8/2017 1:45:52 PM



Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 53.65 ng

RT: 10.14 min Scan# 722

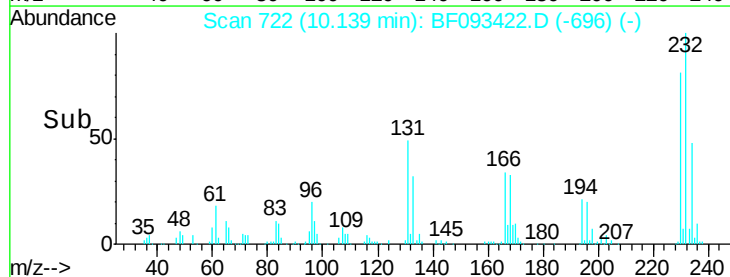
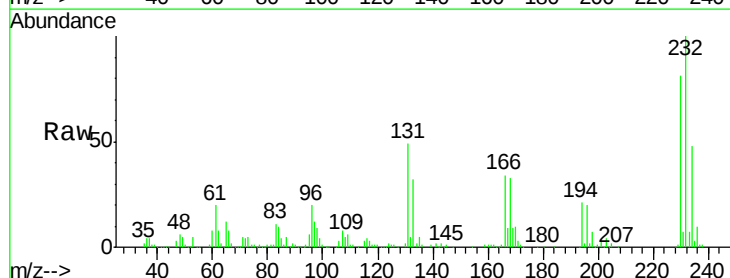
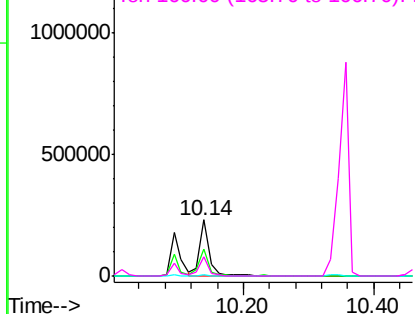
Delta R.T. 0.00 min

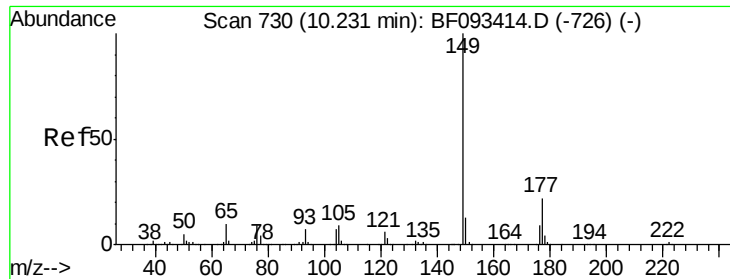
Lab File: BF093422.D

Acq: 7 Mar 2017 16:47

Tgt Ion:	232	Resp:	237822
Ion Ratio	Lower	Upper	
232	100		
131	46.5	40.1	60.1
130	2.3	1.8	2.8
166	30.3	26.6	39.8

Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E





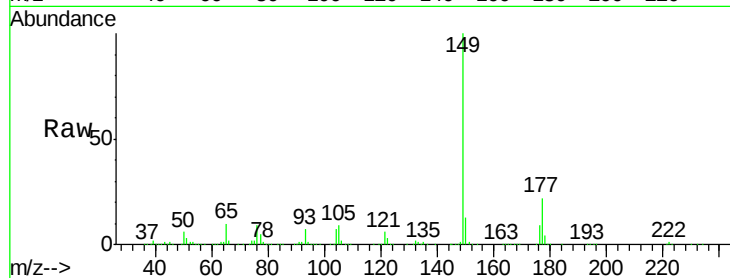
#59
Diethylphthalate
Concen: 45.03 ng
RT: 10.23 min Scan# 730
Delta R.T. 0.00 min
Lab File: BF093422.D
Acq: 7 Mar 2017 16:47

Instrument :
BNA_F
ClientSampled :
PB97390BS

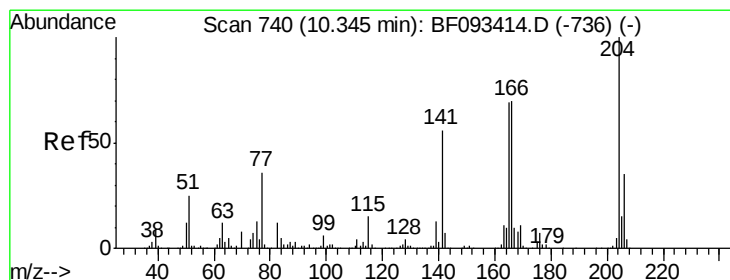
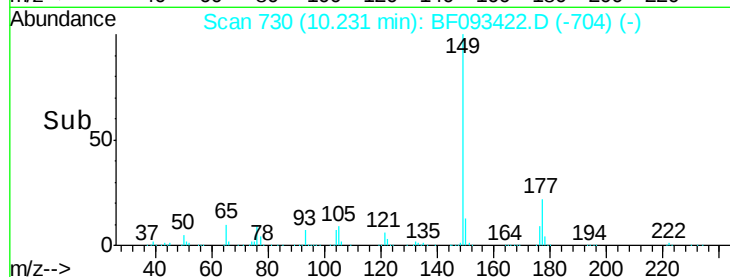
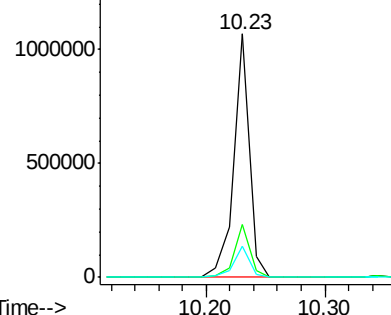
Tot Ion	Ratio	Lower	Upper
149	100		
177	21.5	16.6	25.0
150	12.7	10.4	15.6

Manual Integrations
APPROVED

mohammad
3/8/2017 1:45:52 PM

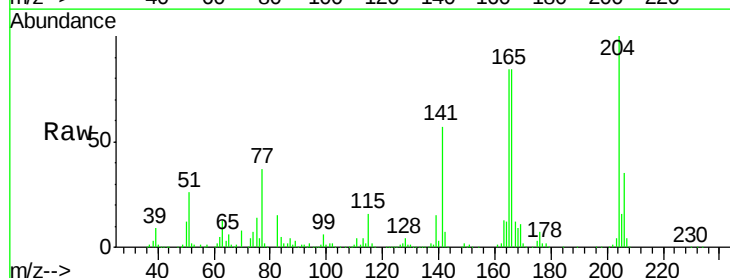


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

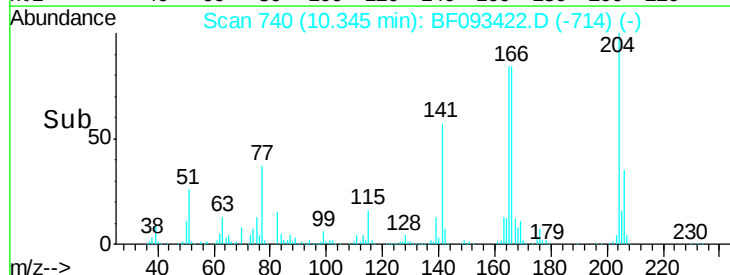
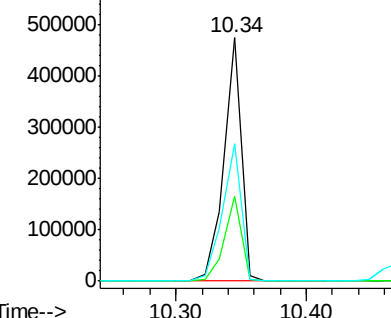


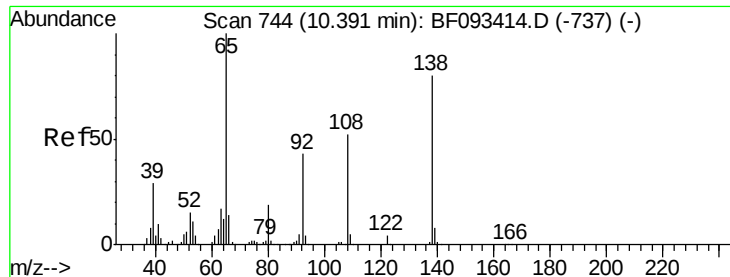
#60
4-Chlorophenyl-phenylether
Concen: 49.03 ng
RT: 10.34 min Scan# 740
Delta R.T. -0.00 min
Lab File: BF093422.D
Acq: 7 Mar 2017 16:47

Tgt Ion	Ratio	Lower	Upper
204	100		
206	34.6	25.8	38.6
141	56.7	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





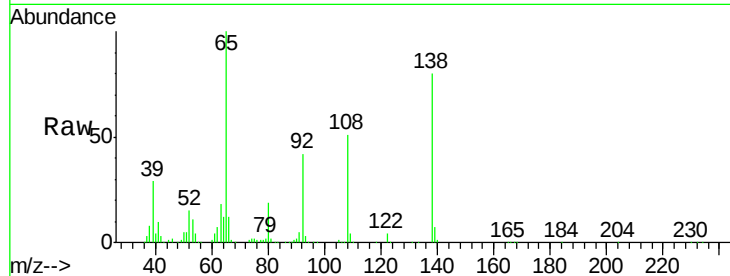
#61
4-Nitroaniline
Concen: 37.74 ng
RT: 10.39 min Scan# 744
Delta R.T. 0.00 min
Lab File: BF093422.D
Acq: 7 Mar 2017 16:47

Instrument :
BNA_F
ClientSampleId :
PB97390BS

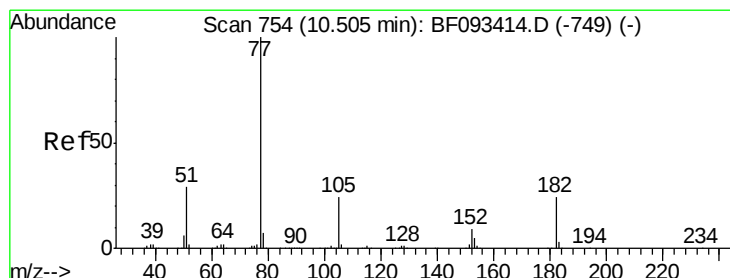
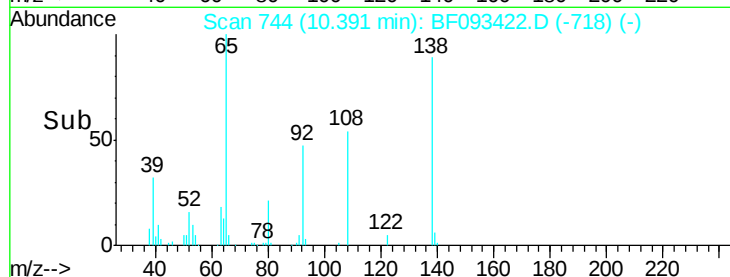
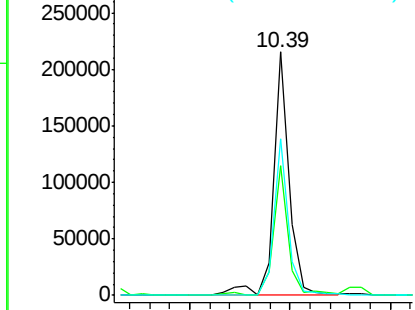
Tot Ion	Ratio	Lower	Upper
138	100		
92	53.0	31.7	71.7
108	64.4	52.6	92.6

Manual Integrations
APPROVED

mohammad
3/8/2017 1:45:52 PM



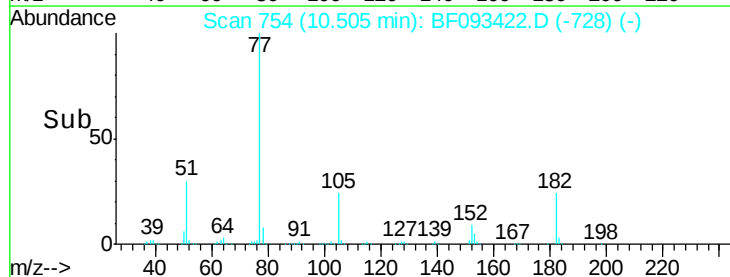
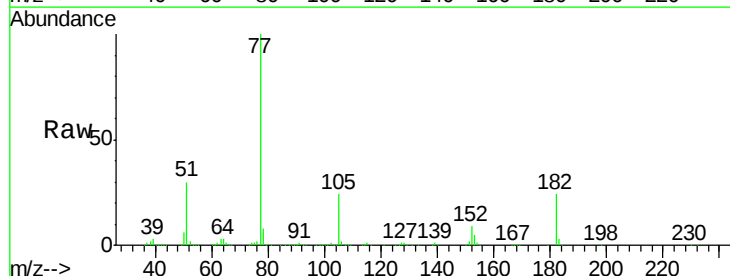
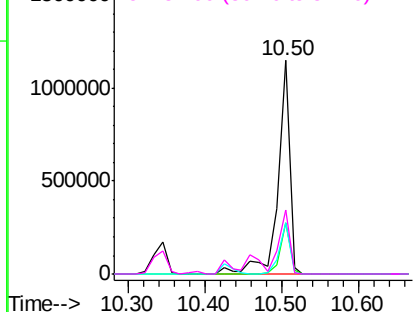
Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF0
Ion 108.00 (107.70 to 108.70): E

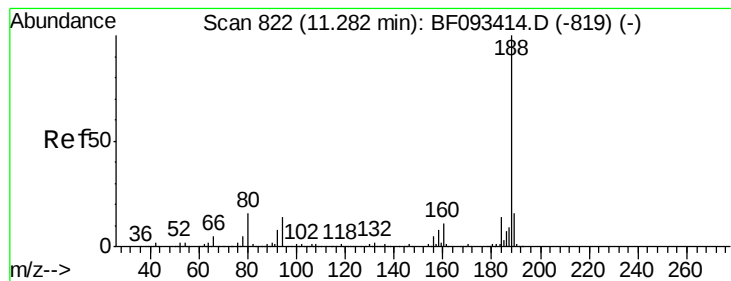


#62
Azobenzene
Concen: 49.06 ng
RT: 10.50 min Scan# 754
Delta R.T. -0.00 min
Lab File: BF093422.D
Acq: 7 Mar 2017 16:47

Tgt Ion	Ratio	Lower	Upper
77	100		
182	24.2	0.0	39.3
105	24.2	2.3	42.3
51	30.1	8.9	48.9

Abundance Ion 77.00 (76.70 to 77.70): BF0
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF0





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.28 min Scan# 822

Delta R.T. 0.00 min

Lab File: BF093422.D

Acq: 7 Mar 2017 16:47

Instrument :

BNA_F

ClientSampleId :

PB97390BS

Tot Ion:188 Resp: 605253

Ion Ratio Lower Upper

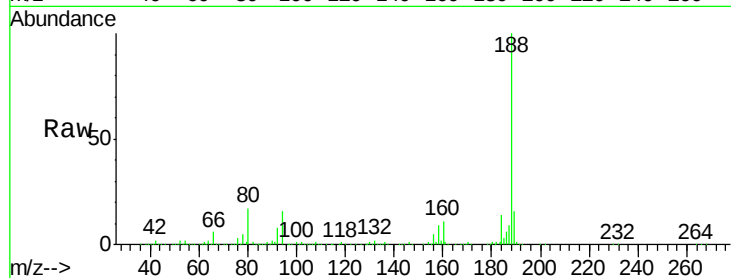
188 100

94 15.7 10.0 15.0#

80 16.6 11.2 16.8

Manual Integrations
APPROVED

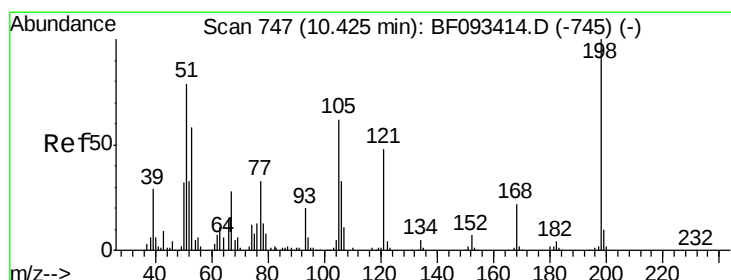
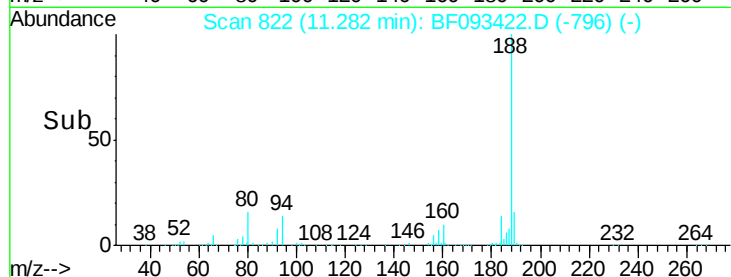
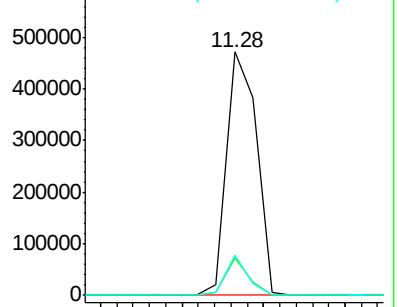
mohammad
3/8/2017 1:45:52 PM



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



#64

4,6-Dinitro-2-methylphenol

Concen: 35.08 ng

RT: 10.42 min Scan# 747

Delta R.T. 0.00 min

Lab File: BF093422.D

Acq: 7 Mar 2017 16:47

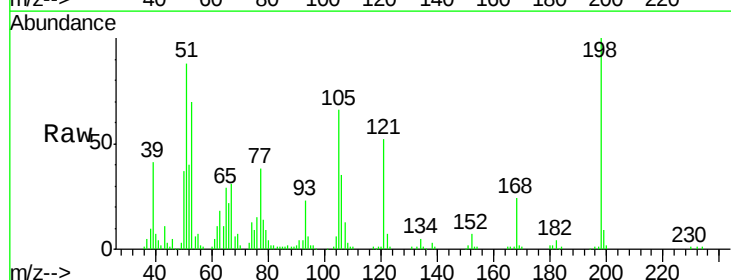
Tgt Ion:198 Resp: 137558

Ion Ratio Lower Upper

198 100

51 87.9 6.7 46.7#

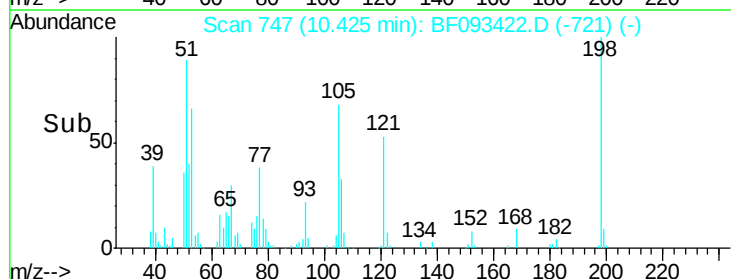
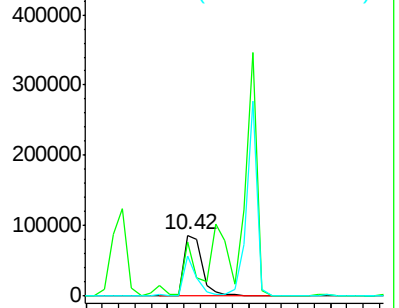
105 65.6 16.6 56.6#

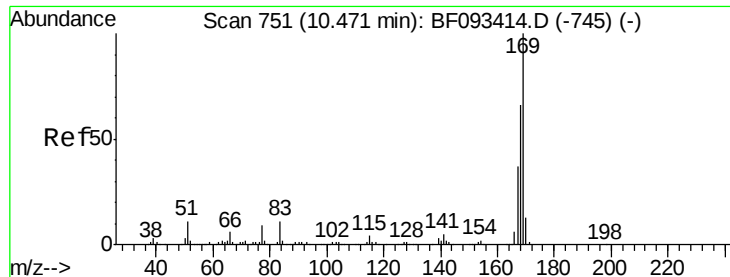


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 42.96 ng

RT: 10.47 min Scan# 751

Delta R.T. 0.00 min

Lab File: BF093422.D

Acq: 7 Mar 2017 16:47

Instrument :

BNA_F

ClientSampleId :

PB97390BS

Tot Ion:169 Resp: 868275

Ion Ratio Lower Upper

169 100

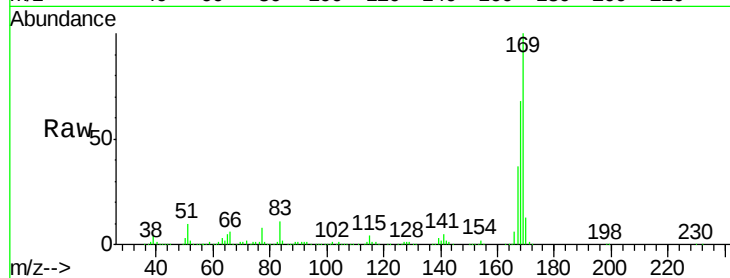
168 68.1 54.2 81.2

167 37.5 30.2 45.4

Manual Integrations
APPROVED

mohammad

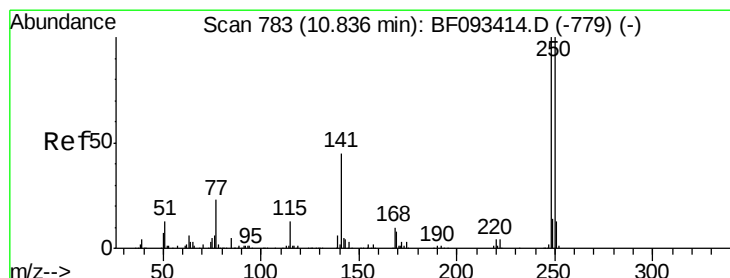
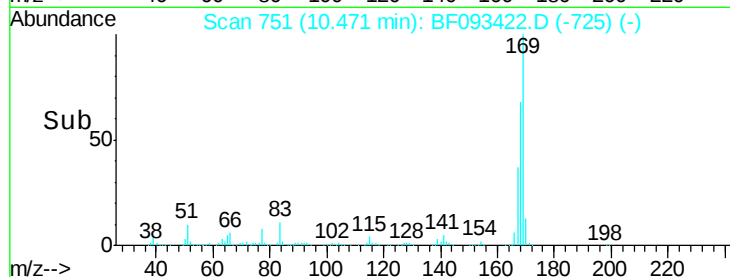
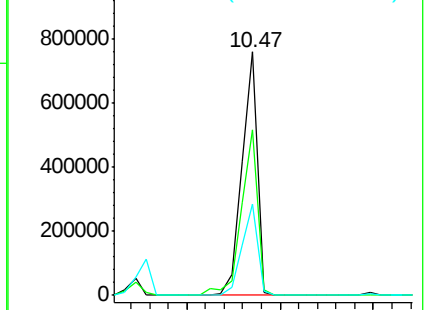
3/8/2017 1:45:52 PM



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: 40.44 ng

RT: 10.84 min Scan# 783

Delta R.T. 0.00 min

Lab File: BF093422.D

Acq: 7 Mar 2017 16:47

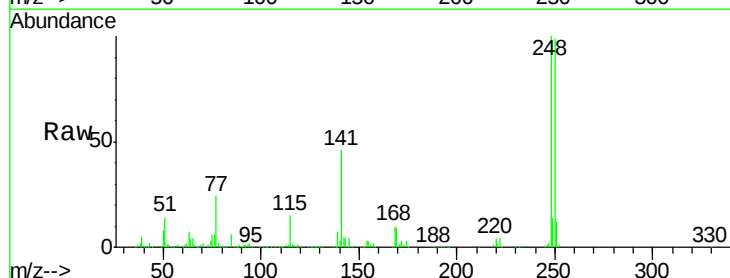
Tgt Ion:248 Resp: 258802

Ion Ratio Lower Upper

248 100

250 99.1 76.9 115.3

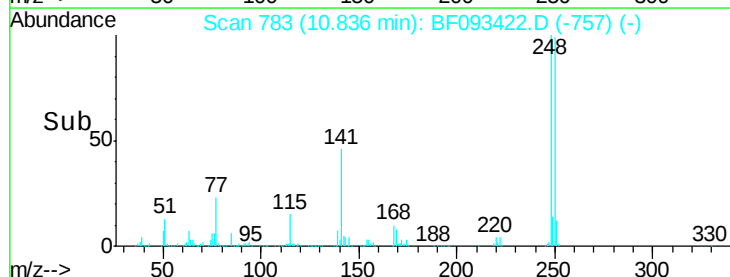
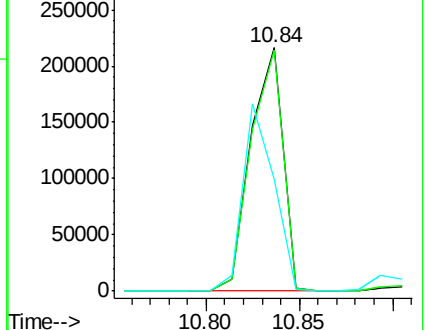
141 46.0 68.2 102.4#

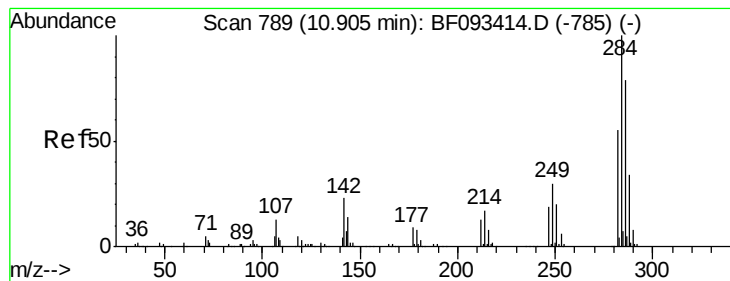


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 42.40 ng

RT: 10.90 min Scan# 789

Delta R.T. 0.00 min

Lab File: BF093422.D

Acq: 7 Mar 2017 16:47

Instrument :

BNA_F

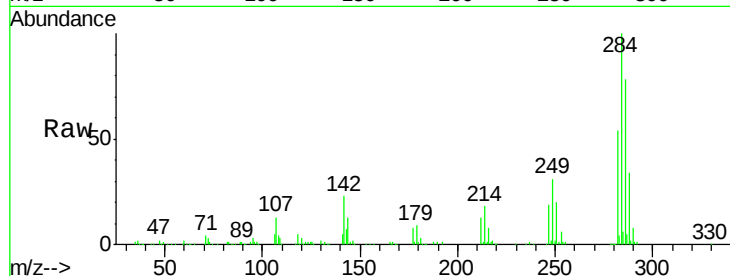
ClientSampleId :

PB97390BS

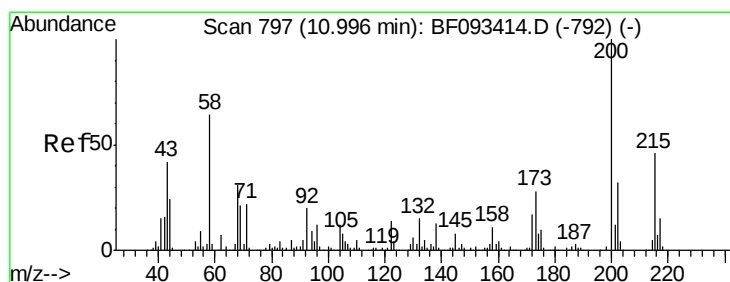
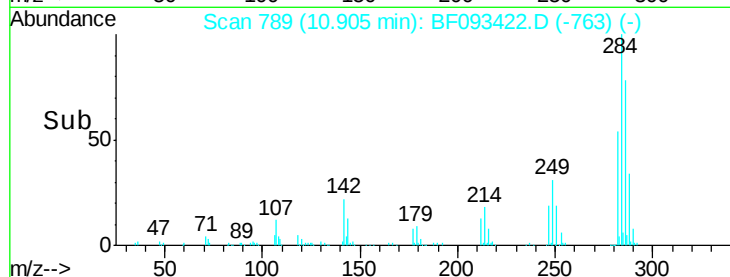
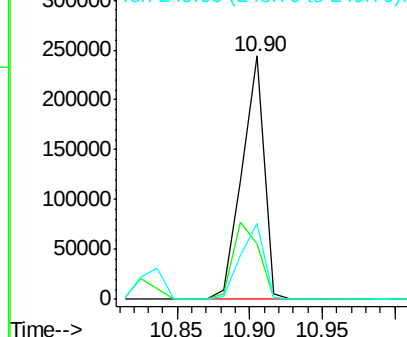
Tot Ion:	284	Resp:	259120
Ion Ratio		Lower	Upper
284	100		
142	22.8	22.6	33.8
249	31.0	25.4	38.0

Manual Integrations
APPROVED

mohammad
3/8/2017 1:45:52 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: 41.77 ng

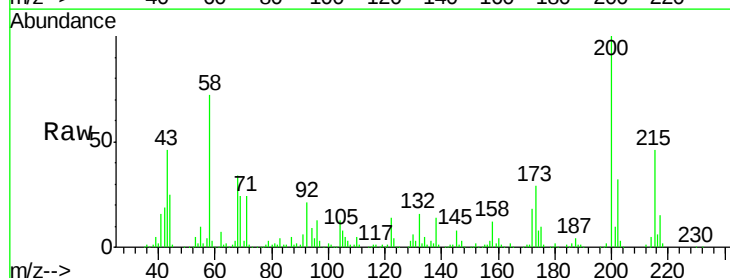
RT: 11.00 min Scan# 797

Delta R.T. 0.00 min

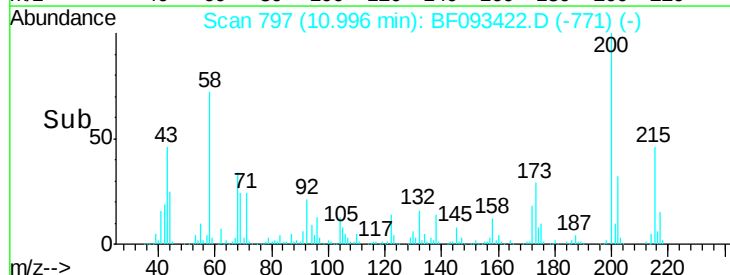
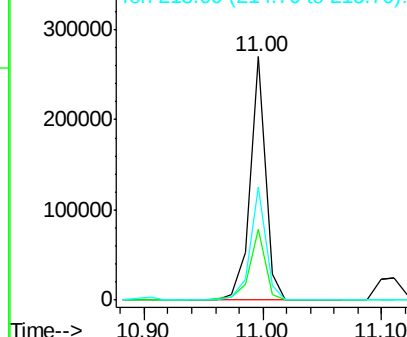
Lab File: BF093422.D

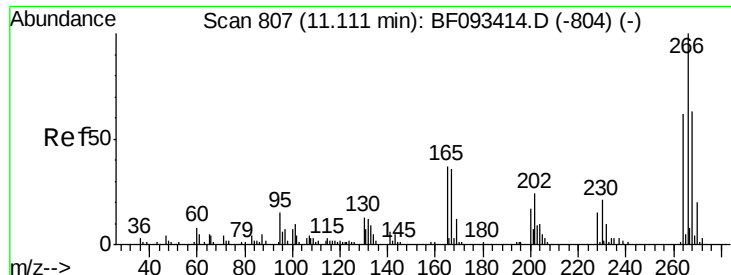
Acq: 7 Mar 2017 16:47

Tgt Ion:	200	Resp:	247074
Ion Ratio		Lower	Upper
200	100		
173	29.3	9.6	49.6
215	46.4	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





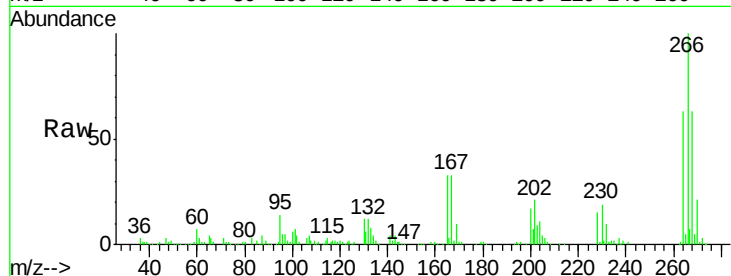
#69
 Pentachlorophenol
 Concen: 97.89 ng
 RT: 11.11 min Scan# 807
 Delta R.T. 0.00 min
 Lab File: BF093422.D
 Acq: 7 Mar 2017 16:47

Instrument :
 BNA_F
 ClientSampleId :
 PB97390BS

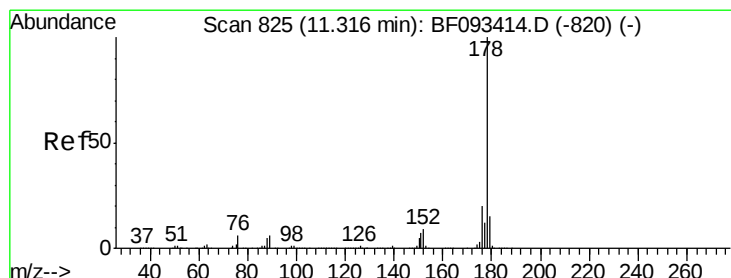
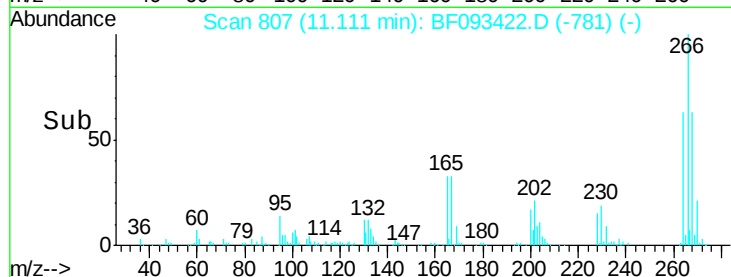
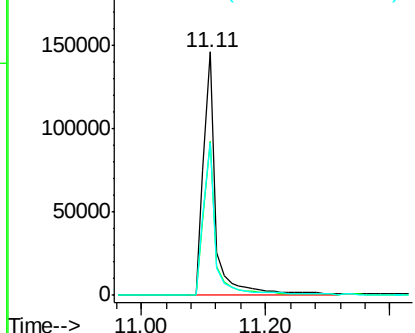
Tot Ion	Ratio	Lower	Upper
266	100		
268	63.2	53.3	79.9
264	62.7	50.3	75.5

Manual Integrations
 APPROVED

mohammad
 3/8/2017 1:45:52 PM

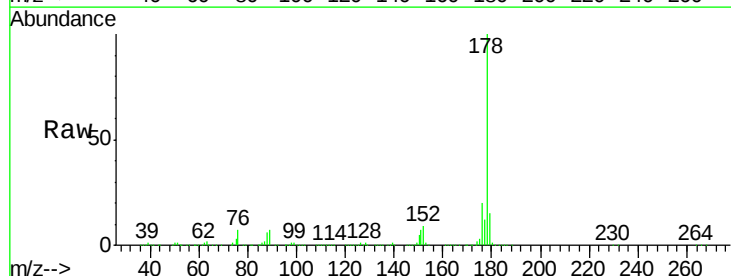


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

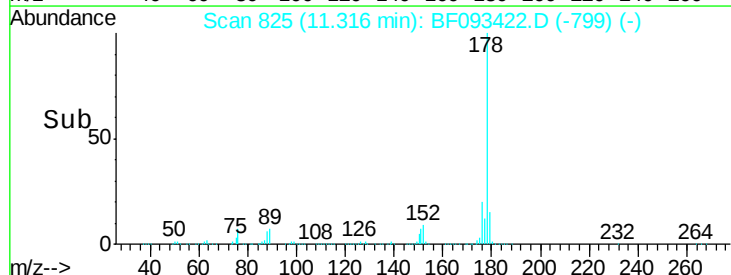
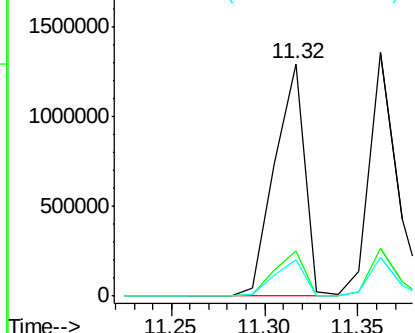


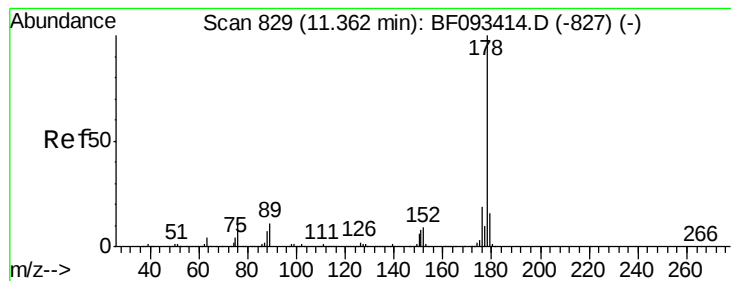
#70
 Phenanthrene
 Concen: 41.82 ng
 RT: 11.32 min Scan# 825
 Delta R.T. 0.00 min
 Lab File: BF093422.D
 Acq: 7 Mar 2017 16:47

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.6	16.6	25.0
179	15.4	12.8	19.2



Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E





#71

Anthracene

Concen: 38.31 ng

RT: 11.36 min Scan# 829

Delta R.T. 0.00 min

Lab File: BF093422.D

Acq: 7 Mar 2017 16:47

Instrument :

BNA_F

ClientSampleId :

PB97390BS

Tot Ion:178 Resp: 1338777

Ion Ratio Lower Upper

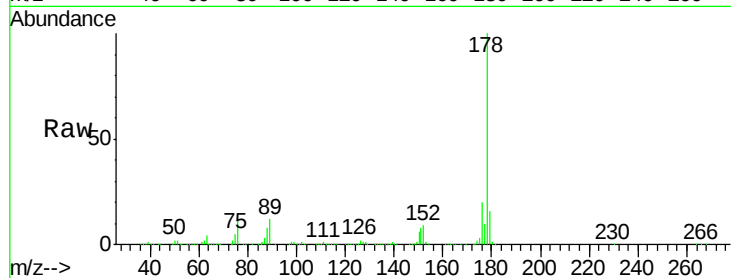
178 100

176 19.7 15.9 23.9

179 15.9 13.2 19.8

Manual Integrations
APPROVED

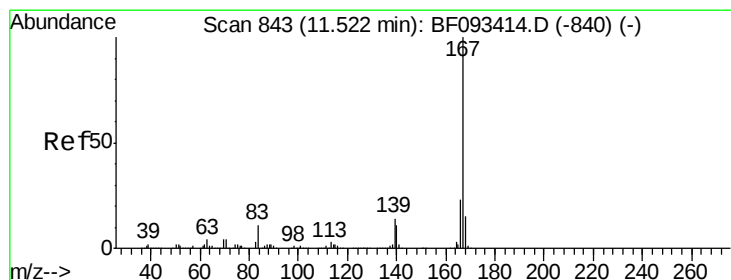
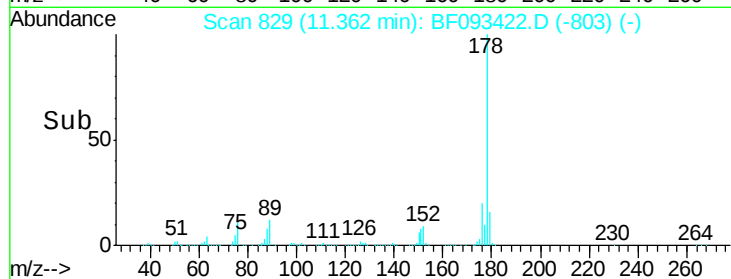
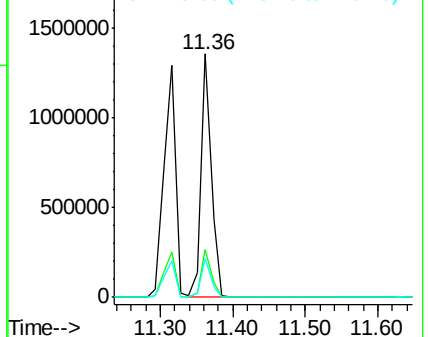
mohammad
3/8/2017 1:45:52 PM



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 36.82 ng

RT: 11.52 min Scan# 843

Delta R.T. 0.00 min

Lab File: BF093422.D

Acq: 7 Mar 2017 16:47

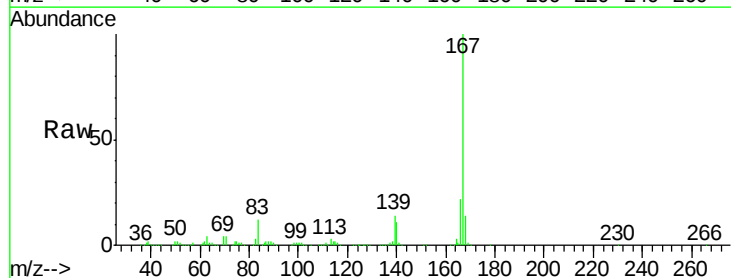
Tgt Ion:167 Resp: 1208690

Ion Ratio Lower Upper

167 100

166 22.3 18.2 27.2

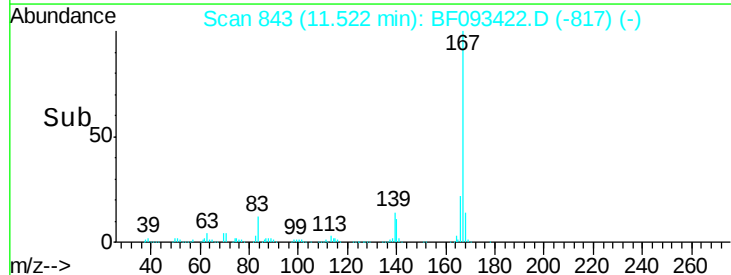
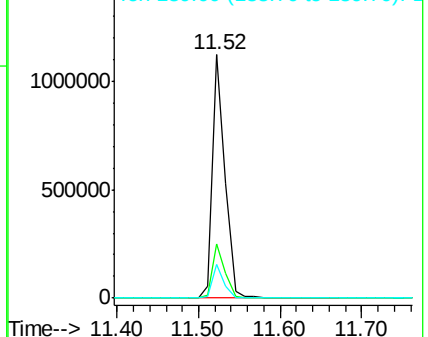
139 13.9 11.4 17.2

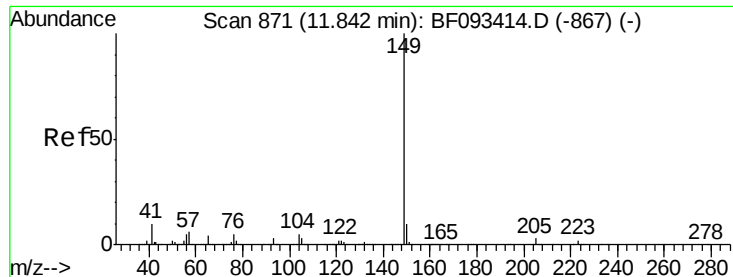


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 42.32 ng

RT: 11.85 min Scan# 872

Delta R.T. 0.01 min

Lab File: BF093422.D

Acq: 7 Mar 2017 16:47

Instrument :

BNA_F

ClientSampleId :

PB97390BS

Tot Ion:149 Resp: 1607530

Ion Ratio Lower Upper

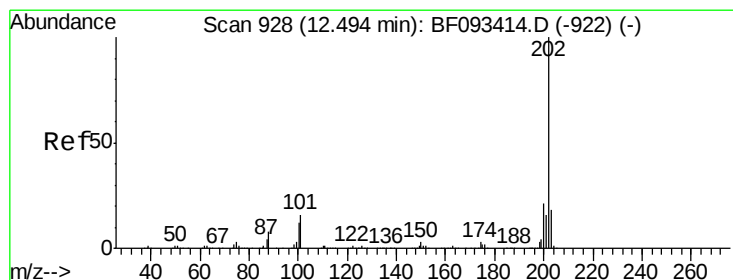
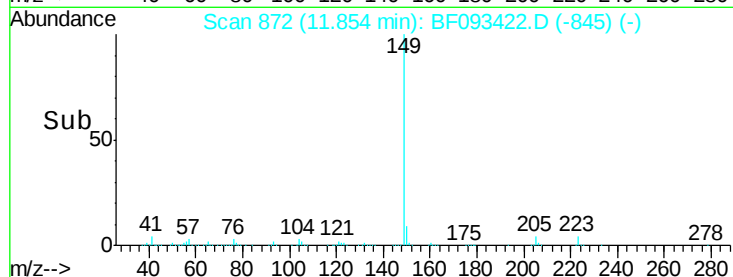
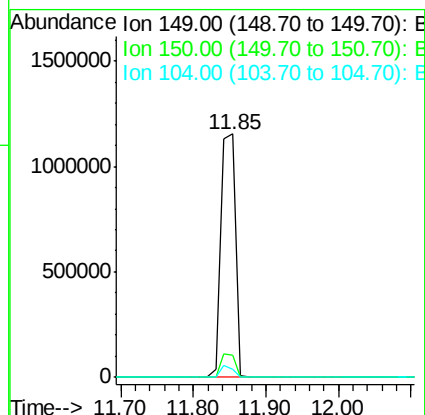
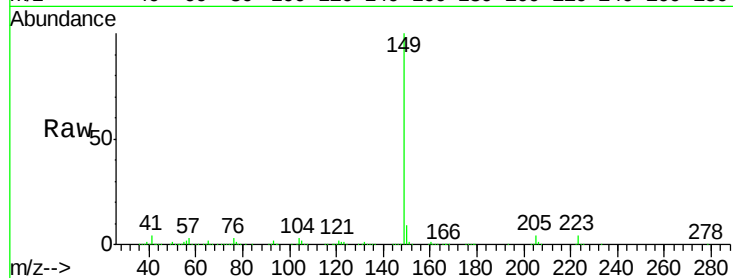
149 100

150 9.1 8.1 12.1

104 3.3 4.6 7.0#

Manual Integrations
APPROVED

mohammad
3/8/2017 1:45:52 PM



#74

Fluoranthene

Concen: 44.05 ng

RT: 12.51 min Scan# 929

Delta R.T. 0.01 min

Lab File: BF093422.D

Acq: 7 Mar 2017 16:47

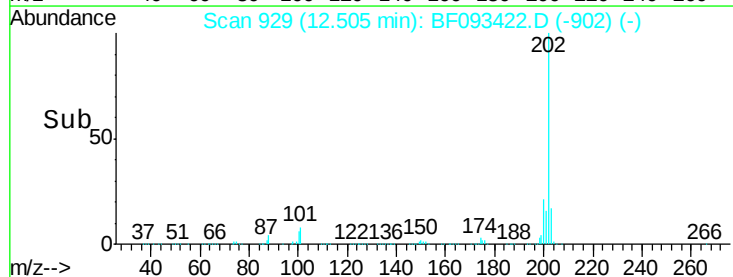
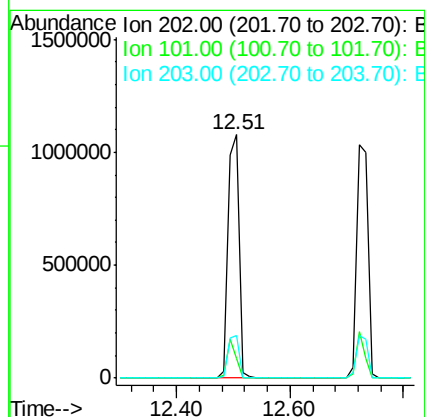
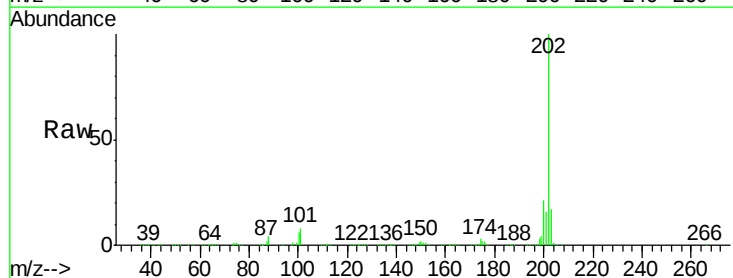
Tgt Ion:202 Resp: 1470000

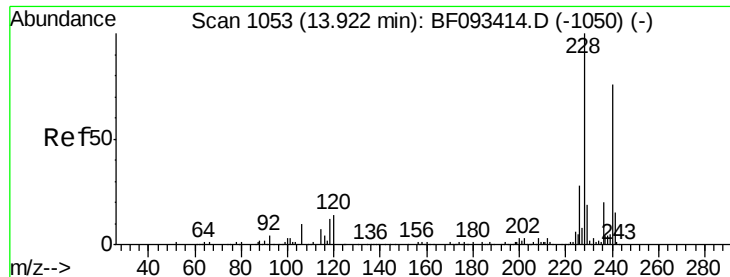
Ion Ratio Lower Upper

202 100

101 8.2 0.0 34.6

203 17.3 0.0 38.7





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.93 min Scan# 1054

Delta R.T. 0.01 min

Lab File: BF093422.D

Acq: 7 Mar 2017 16:47

Instrument :

BNA_F

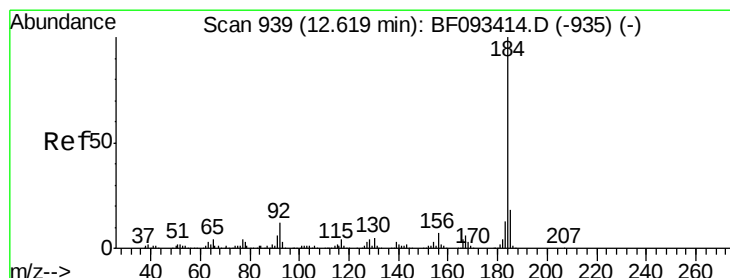
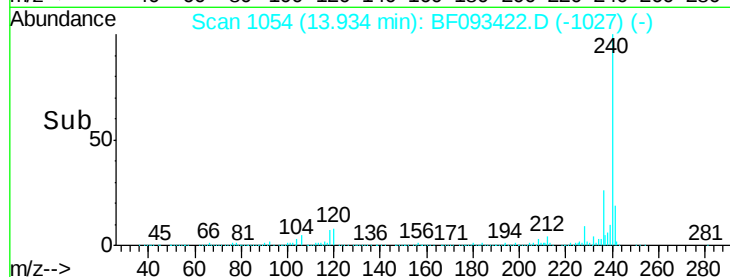
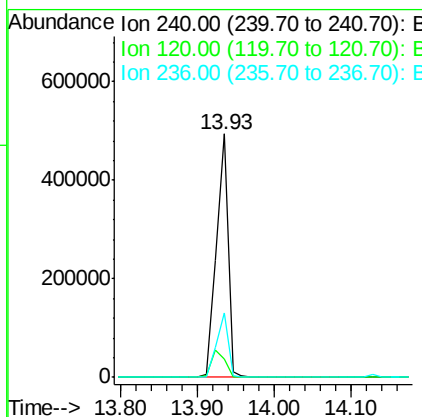
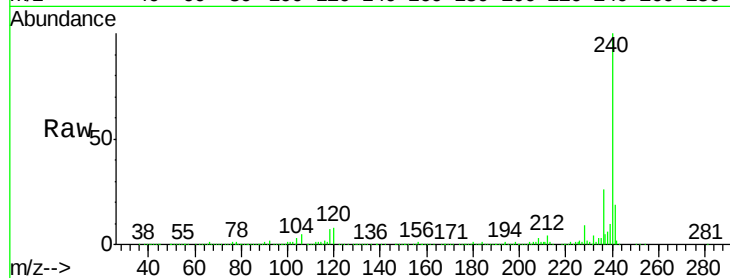
ClientSampleId :

PB97390BS

Tot Ion	Ratio	Lower	Upper
240	100		
120	7.7	12.9	19.3#
236	26.3	20.9	31.3

Manual Integrations
APPROVED

mohammad
3/8/2017 1:45:52 PM



#76

Benzidine

Concen: 25.80 ng

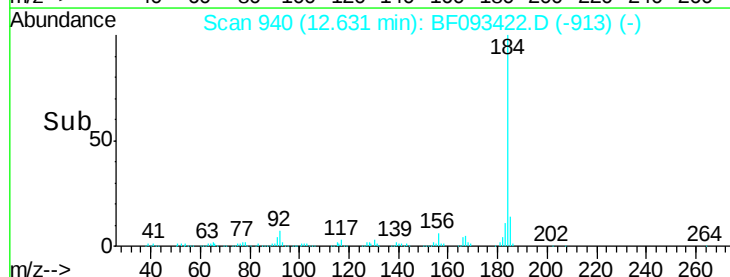
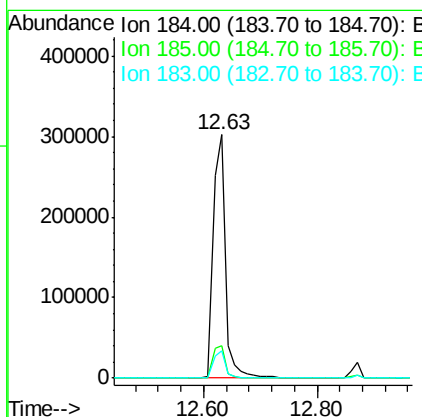
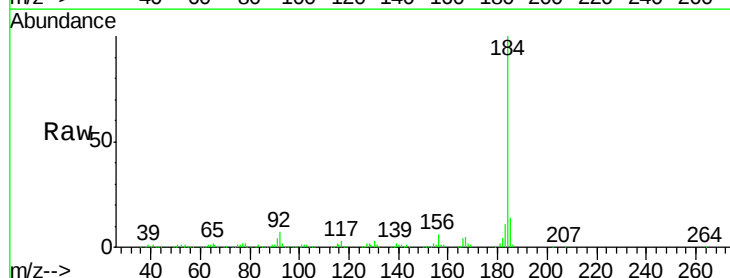
RT: 12.63 min Scan# 940

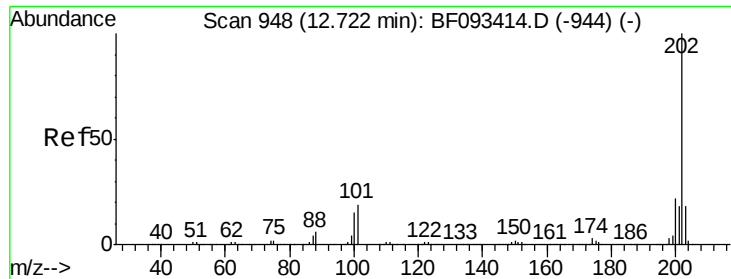
Delta R.T. 0.01 min

Lab File: BF093422.D

Acq: 7 Mar 2017 16:47

Tgt Ion	Ratio	Lower	Upper
184	100		
185	13.5	13.4	20.0
183	11.4	9.2	13.8





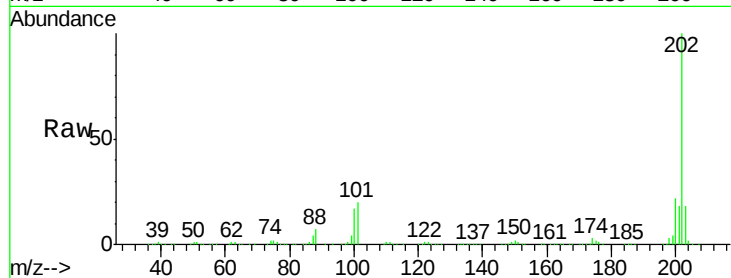
#77
Pvrene
Concen: 38.22 ng
RT: 12.72 min Scan# 948
Delta R.T. 0.00 min
Lab File: BF093422.D
Acq: 7 Mar 2017 16:47

Instrument :
BNA_F
ClientSampleId :
PB97390BS

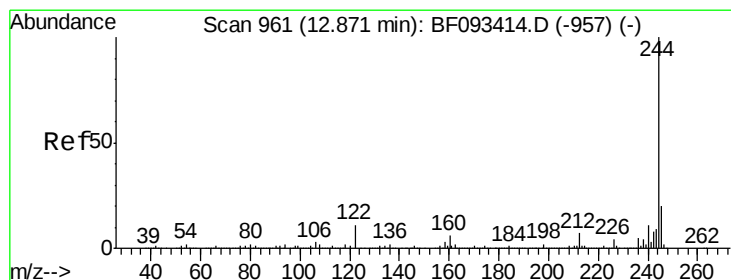
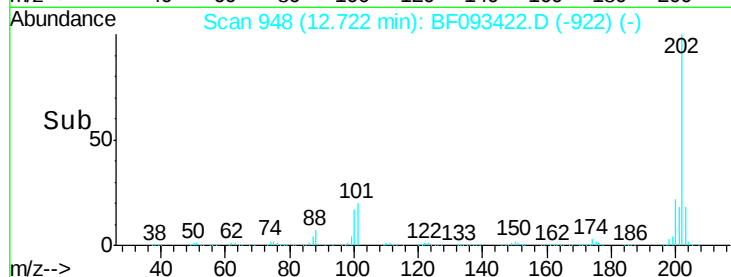
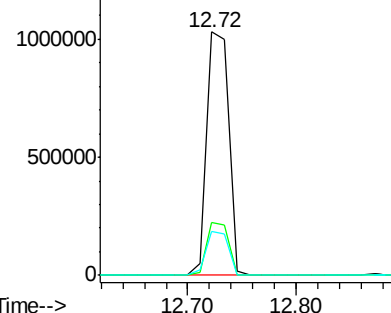
Tot Ion	Ratio	Lower	Upper
202	100		
200	21.9	17.7	26.5
203	18.2	14.7	22.1

Manual Integrations
APPROVED

mohammad
3/8/2017 1:45:52 PM

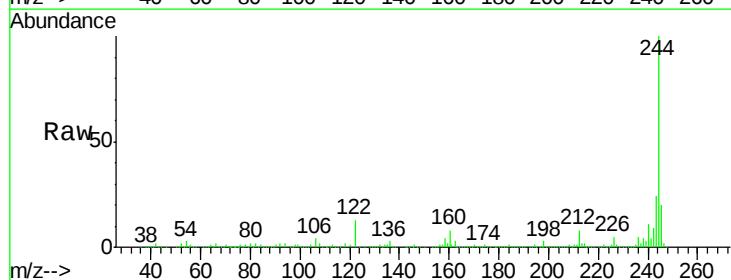


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

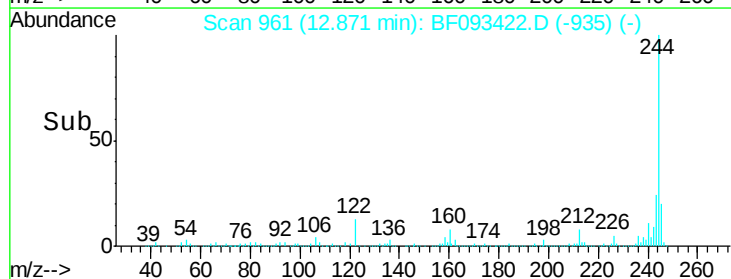
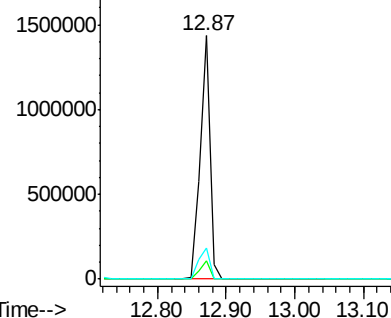


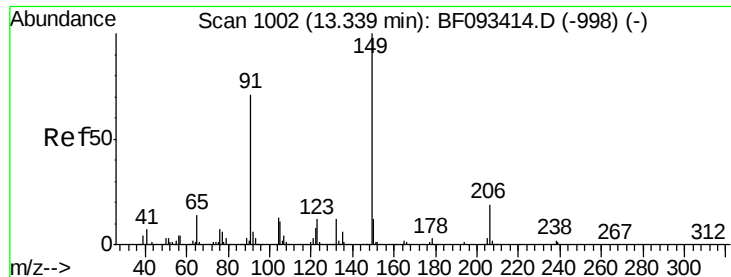
#78
Terphenyl-d14
Concen: 72.79 ng
RT: 12.87 min Scan# 961
Delta R.T. 0.00 min
Lab File: BF093422.D
Acq: 7 Mar 2017 16:47

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.6	6.2	9.2
122	12.6	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: 41.00 ng

RT: 13.34 min Scan# 1002

Delta R.T. -0.00 min

Lab File: BF093422.D

Acq: 7 Mar 2017 16:47

Instrument :

BNA_F

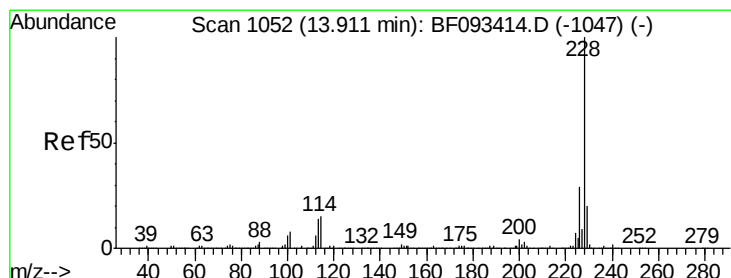
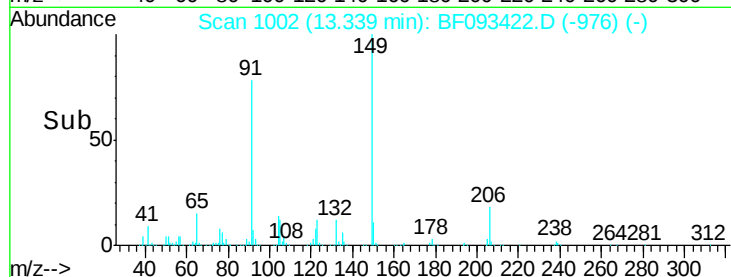
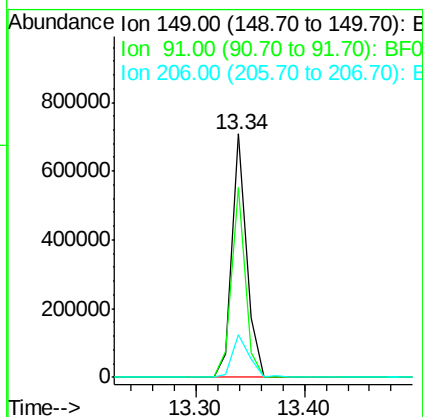
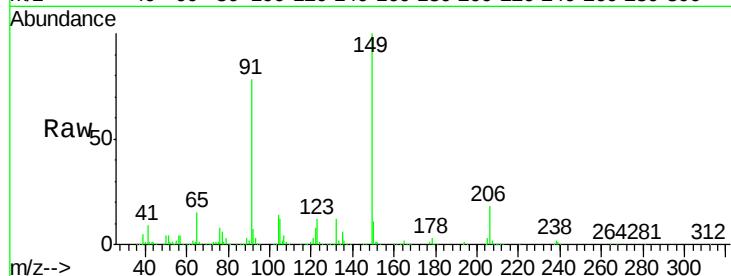
ClientSampleId :

PB97390BS

Tot Ion:	149	Resp:	654215
Ion Ratio	Lower	Upper	
149	100		
91	78.0	63.9	95.9
206	17.7	14.6	21.8

Manual Integrations
APPROVED

mohammad
3/8/2017 1:45:52 PM



#80

Benzo(a)anthracene

Concen: 40.74 ng

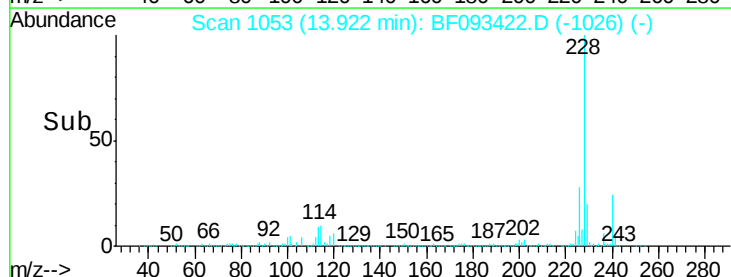
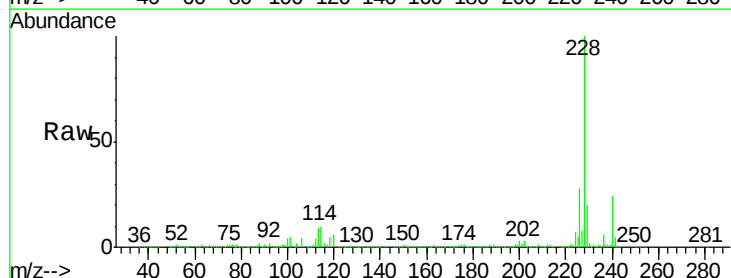
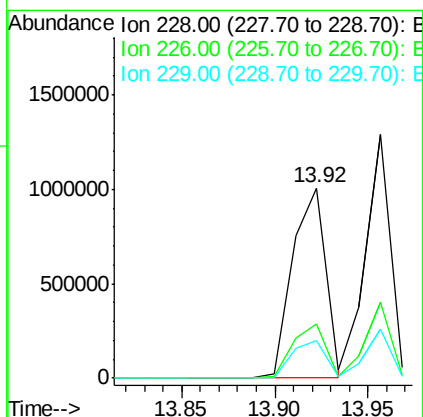
RT: 13.92 min Scan# 1053

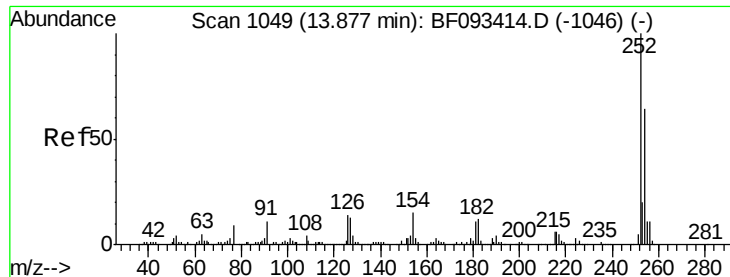
Delta R.T. 0.01 min

Lab File: BF093422.D

Acq: 7 Mar 2017 16:47

Tgt Ion:	228	Resp:	1253892
Ion Ratio	Lower	Upper	
228	100		
226	28.2	22.4	33.6
229	19.6	16.2	24.4





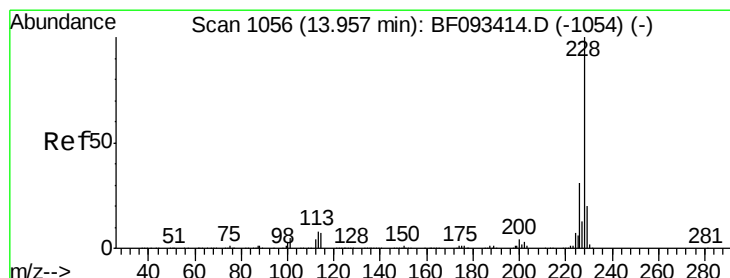
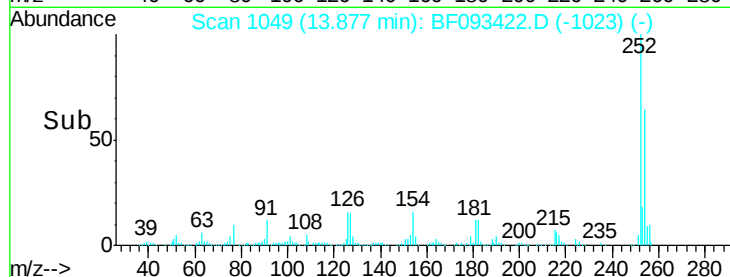
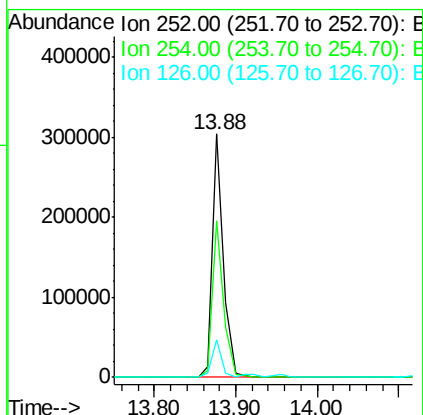
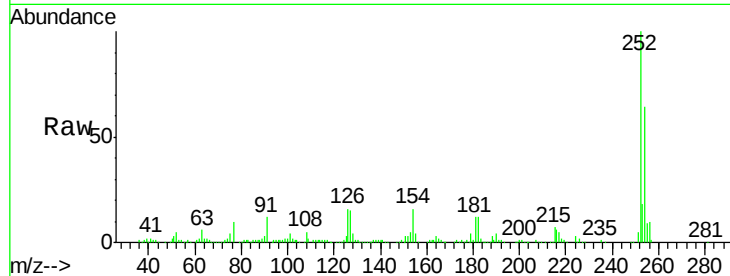
#81
 3,3'-Dichlorobenzidine
 Concen: 26.90 ng
 RT: 13.88 min Scan# 1049
 Delta R.T. 0.00 min
 Lab File: BF093422.D
 Acq: 7 Mar 2017 16:47

Instrument :
 BNA_F
 ClientSampleId :
 PB97390BS

Tot Ion	Ratio	Lower	Upper
252	100		
254	64.4	52.3	78.5
126	15.5	13.6	20.4

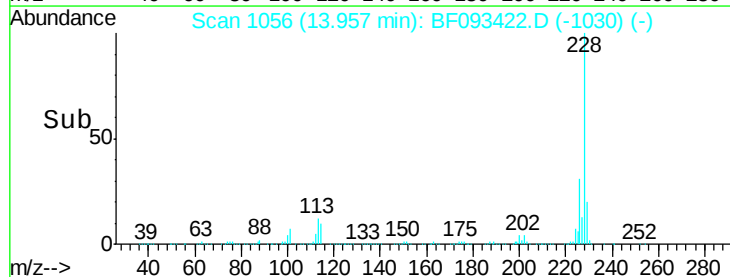
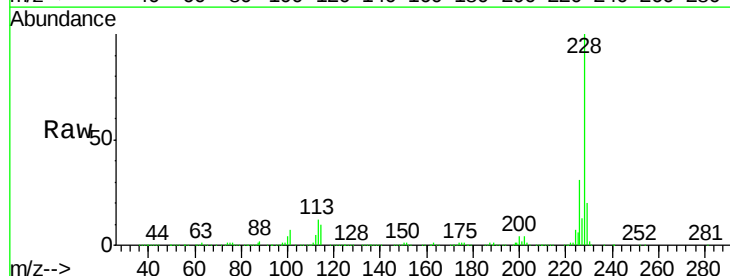
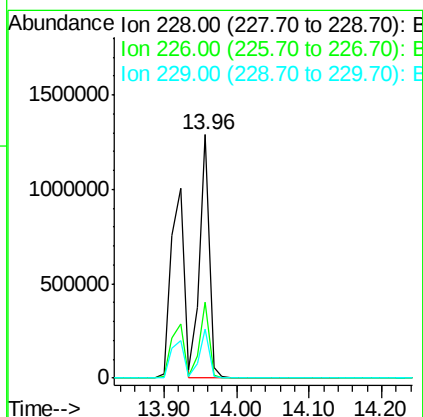
Manual Integrations
 APPROVED

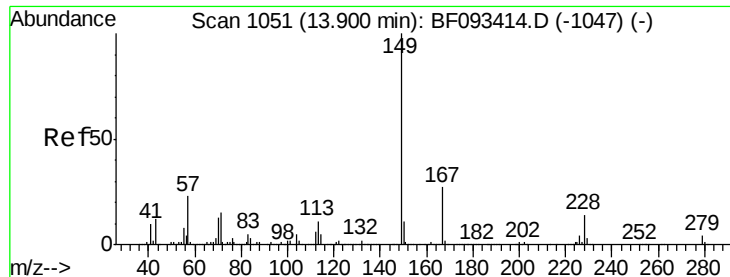
mohammad
 3/8/2017 1:45:52 PM



#82
 Chrysene
 Concen: 42.09 ng
 RT: 13.96 min Scan# 1056
 Delta R.T. 0.00 min
 Lab File: BF093422.D
 Acq: 7 Mar 2017 16:47

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.2	25.4	38.0
229	20.0	16.2	24.2





#83

Bis(2-ethylhexyl)phthalate

Concen: 44.68 ng

RT: 13.90 min Scan# 1051

Delta R.T. 0.00 min

Lab File: BF093422.D

Acq: 7 Mar 2017 16:47

Instrument :

BNA_F

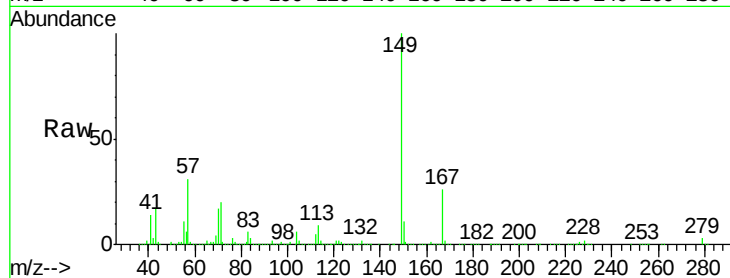
ClientSampleId :

PB97390BS

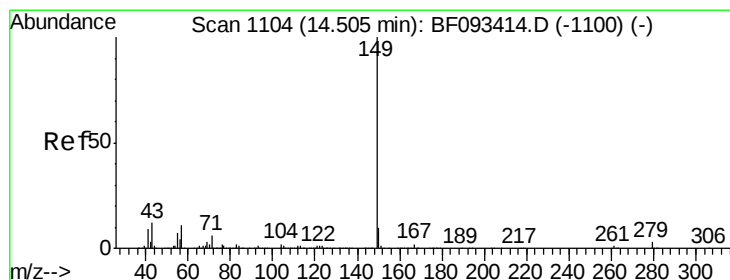
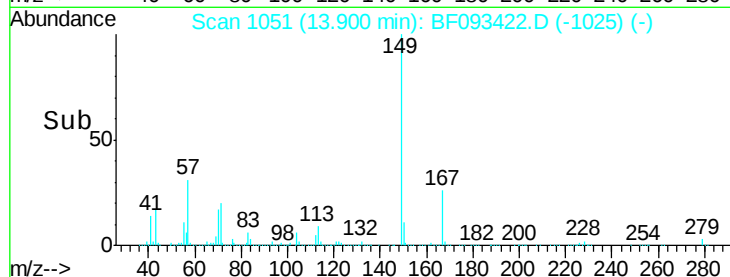
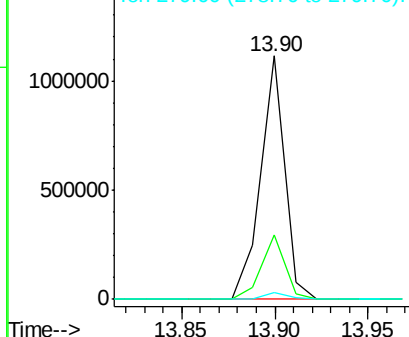
Tot Ion:	149	Resp:	993725
Ion Ratio	Lower	Upper	
149	100		
167	26.2	20.2	30.4
279	2.7	1.8	2.8

Manual Integrations
APPROVED

mohammad
3/8/2017 1:45:52 PM



Abundance Ion 149.00 (148.70 to 149.70): E
1500000
Ion 167.00 (166.70 to 167.70): E
Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 42.49 ng

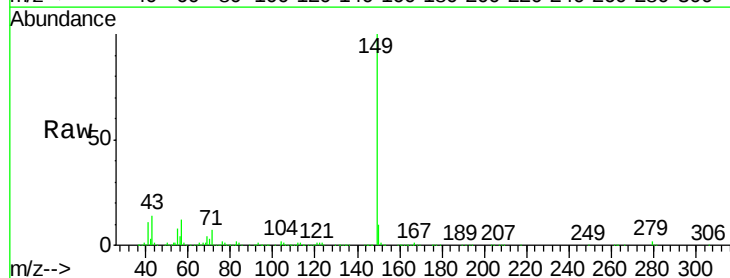
RT: 14.51 min Scan# 1104

Delta R.T. 0.00 min

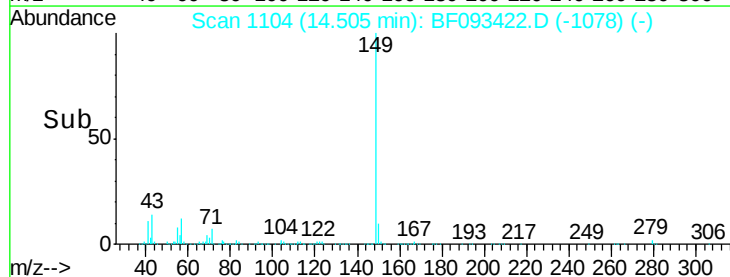
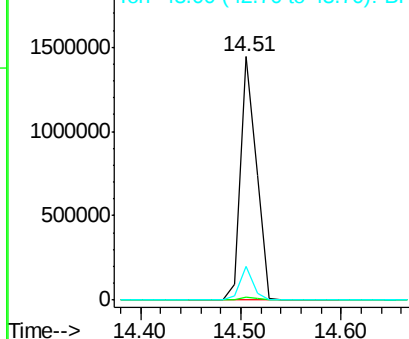
Lab File: BF093422.D

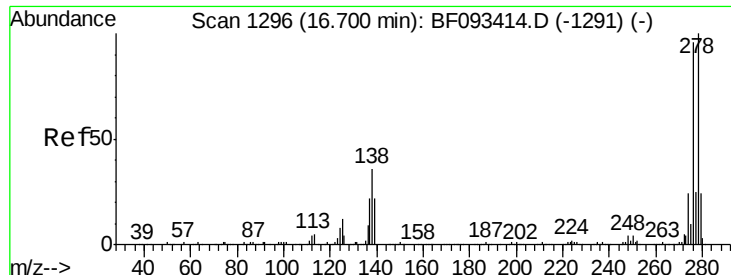
Acq: 7 Mar 2017 16:47

Tgt Ion:	149	Resp:	1574963
Ion Ratio	Lower	Upper	
149	100		
167	1.7	1.3	1.9
43	11.8	8.9	13.3



Abundance Ion 149.00 (148.70 to 149.70): E
2000000
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF0





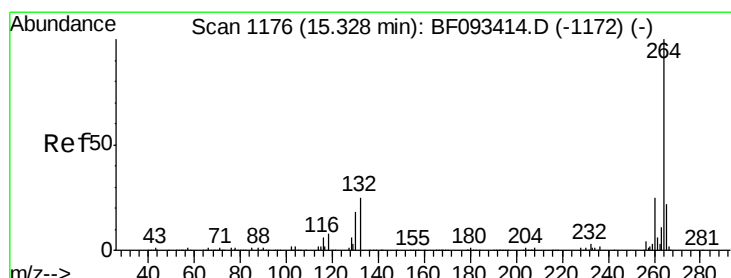
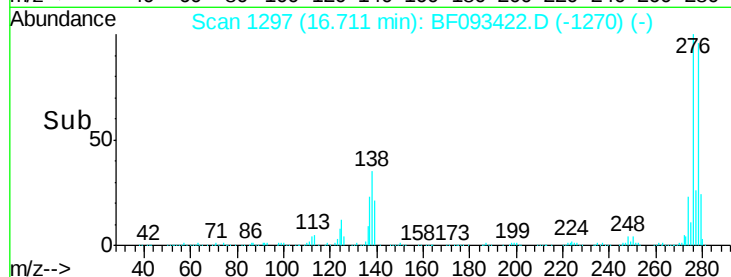
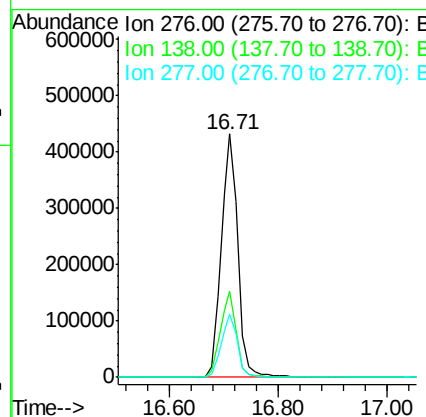
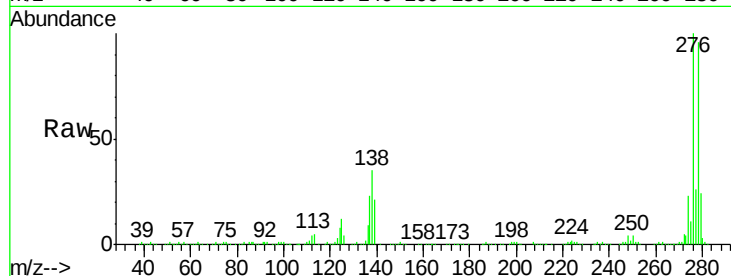
#85
Indeno(1,2,3-cd)pyrene
Concen: 39.28 ng
RT: 16.71 min Scan# 1297
Delta R.T. 0.01 min
Lab File: BF093422.D
Acq: 7 Mar 2017 16:47

Instrument :
BNA_F
ClientSampleId :
PB97390BS

Tot Ion	Ratio	Lower	Upper
276	100		
138	34.2	21.8	32.6
277	25.2	20.2	30.4

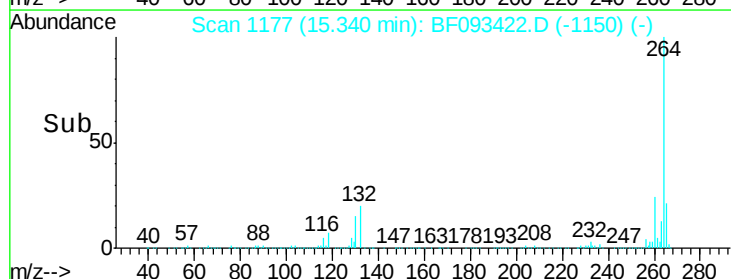
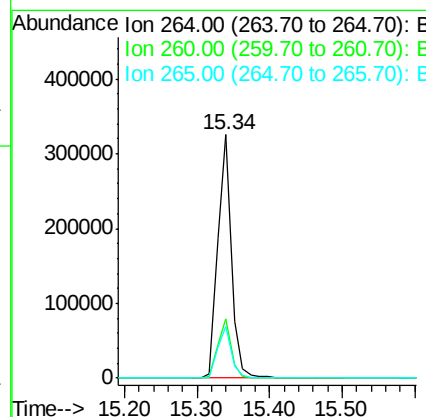
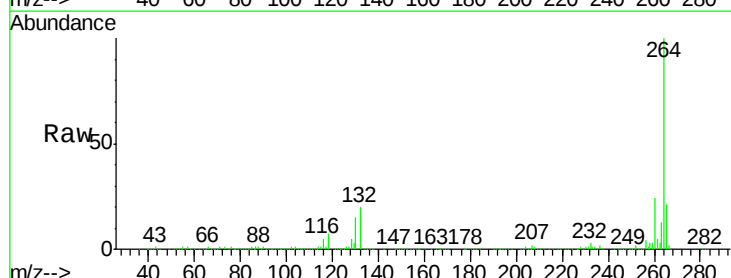
Manual Integrations
APPROVED

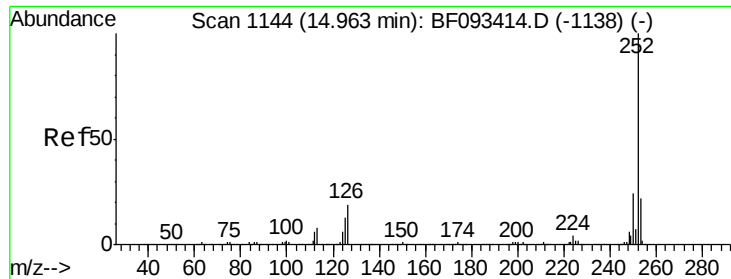
mohammad
3/8/2017 1:45:52 PM



#86
Perylene-d12
Concen: 20.00 ng
RT: 15.34 min Scan# 1177
Delta R.T. 0.01 min
Lab File: BF093422.D
Acq: 7 Mar 2017 16:47

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.2	28.8
265	21.4	17.4	26.0





#87

Benzo(b)fluoranthene

Concen: 41.23 ng m

RT: 14.94 min Scan# 1142

Delta R.T. 0.00 min

Lab File: BF093422.D

Acq: 7 Mar 2017 16:47

Instrument :

BNA_F

ClientSampleId :

PB97390BS

Tot Ion:252 Resp: 1068769

Ion Ratio Lower Upper

252 100

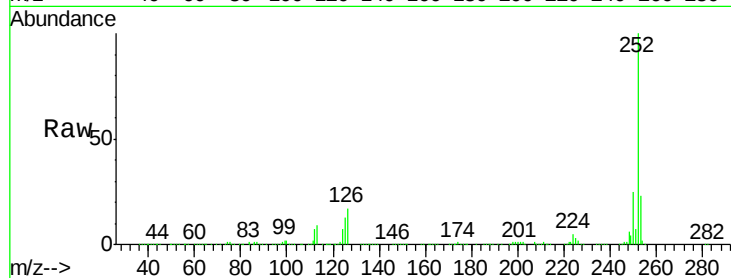
253 22.7 18.2 27.4

125 12.7 9.8 14.6

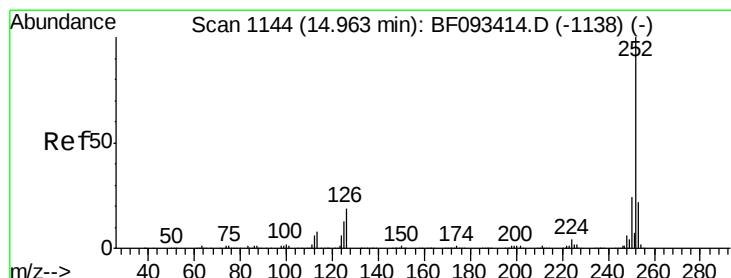
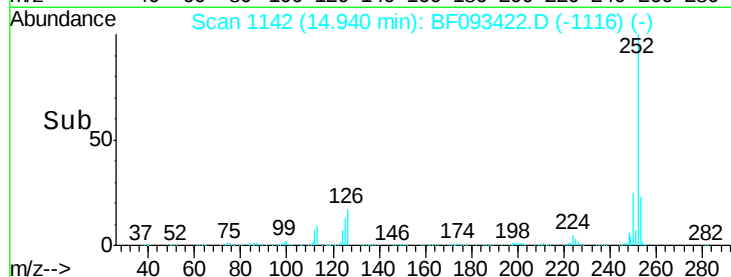
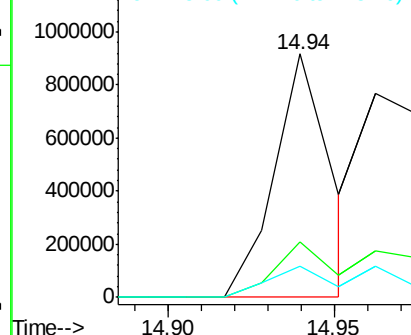
Manual Integrations
APPROVED

mohammad

3/8/2017 1:45:52 PM



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



#88

Benzo(k)fluoranthene

Concen: 41.98 ng m

RT: 14.96 min Scan# 1144

Delta R.T. 0.00 min

Lab File: BF093422.D

Acq: 7 Mar 2017 16:47

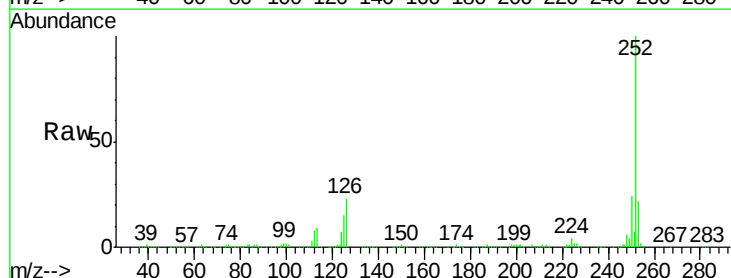
Tgt Ion:252 Resp: 1049258

Ion Ratio Lower Upper

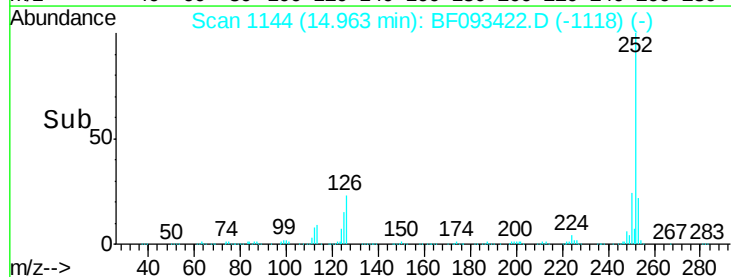
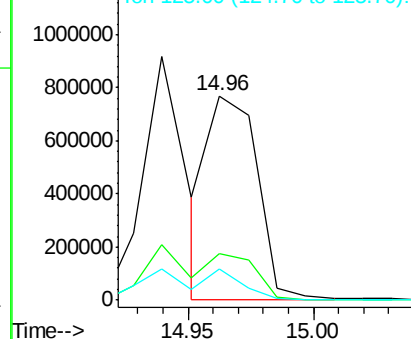
252 100

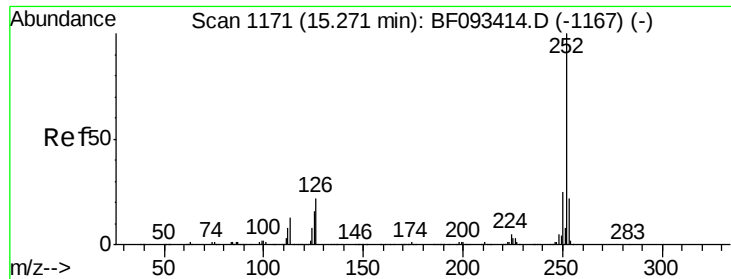
253 22.5 18.5 27.7

125 15.4 8.9 13.3#



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





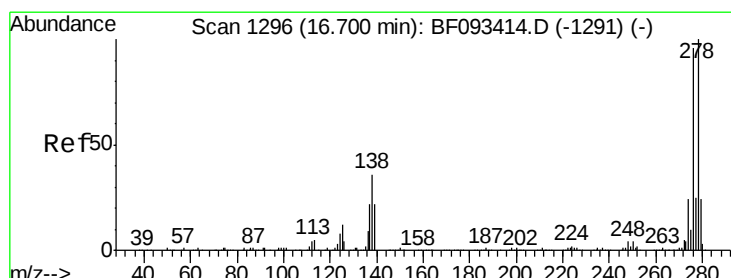
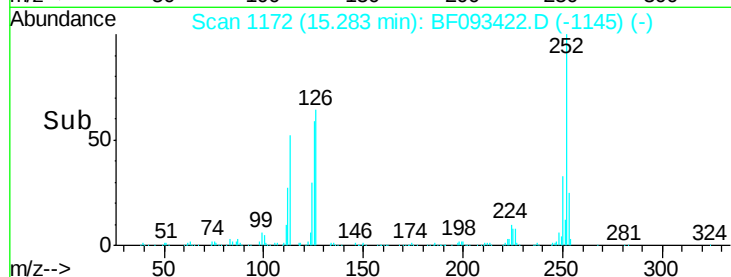
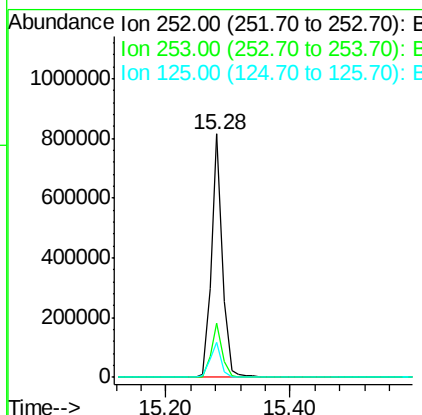
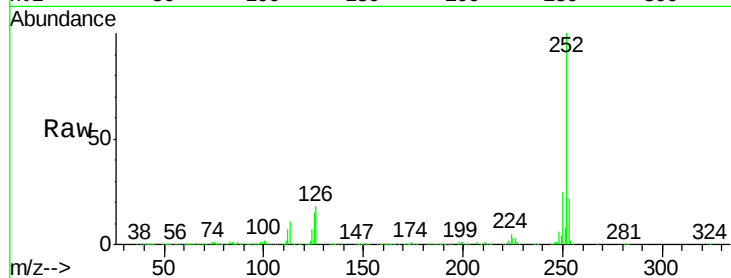
#89
Benzo(a)pyrene
Concen: 41.42 ng
RT: 15.28 min Scan# 1172
Delta R.T. 0.01 min
Lab File: BF093422.D
Acq: 7 Mar 2017 16:47

Instrument :
BNA_F
ClientSampled :
PB97390BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.1	18.2	27.2
125	14.5	10.0	15.0

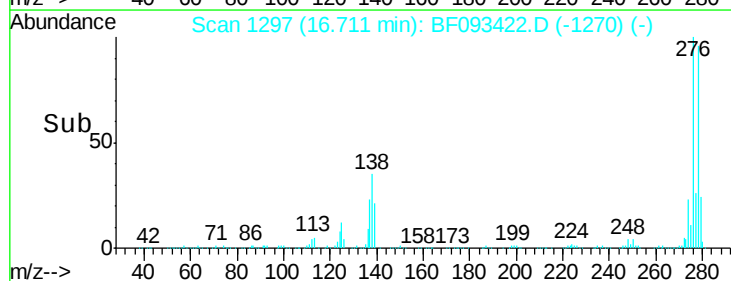
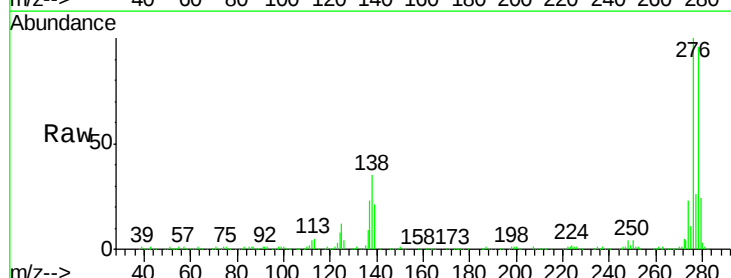
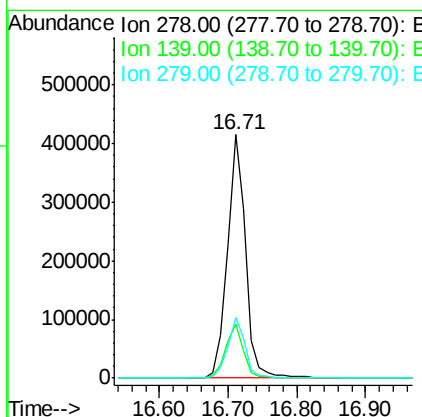
Manual Integrations
APPROVED

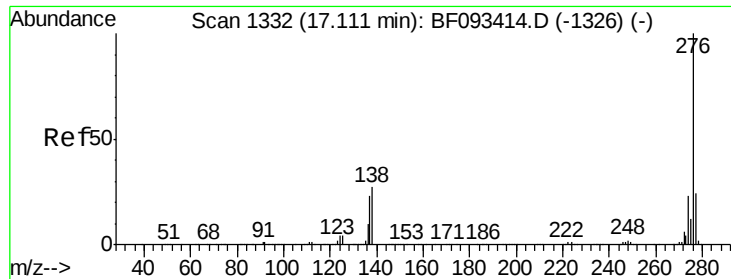
mohammad
3/8/2017 1:45:52 PM



#90
Dibenzo(a,h)anthracene
Concen: 39.64 ng
RT: 16.71 min Scan# 1297
Delta R.T. 0.01 min
Lab File: BF093422.D
Acq: 7 Mar 2017 16:47

Tgt Ion	Ratio	Lower	Upper
278	100		
139	22.2	14.8	22.2#
279	24.7	19.8	29.6





#91
 Benzo(a,h,i)perylene
 Concen: 40.56 ng
 RT: 17.12 min Scan# 1333
 Delta R.T. 0.01 min
 Lab File: BF093422.D
 Acq: 7 Mar 2017 16:47

Instrument :
 BNA_F
 ClientSampleId :
 PB97390BS

Tot Ion	Ratio	Lower	Upper
276	100		
277	24.0	19.2	28.8
138	27.4	16.0	24.0

Manual Integrations
 APPROVED

mohammad
 3/8/2017 1:45:52 PM

