

Data Path : Z:\HPCHEM1\BNA F\DATA\BF012417\
 Data File : BF092423.D
 Acq On : 24 Jan 2017 12:32
 Operator : UM/SJ
 Sample : SSTDICC060
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC060

Manual Integrations
 APPROVED

mohammad
 1/25/2017 3:49:17 PM

Quant Time: Jan 24 13:05:32 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF012417.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jan 24 12:41:11 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	163051	20.00	ng	0.00
21) Naphthalene-d8	8.27	136	675338	20.00	ng	0.00
38) Acenaphthene-d10	10.03	164	354559	20.00	ng	0.00
63) Phenanthrene-d10	11.52	188	575931	20.00	ng	-0.01
75) Chrysene-d12	14.17	240	459376	20.00	ng	0.00
86) Perylene-d12	15.64	264	349323	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	1221424	125.08	ng	0.01
7) Phenol-d6	6.60	99	1589296	133.30	ng	0.01
23) Nitrobenzene-d5	7.54	82	1469419	120.99	ng	0.00
41) 2,4,6-Tribromophenol	10.83	330	294934	100.51	ng	0.01
44) 2-Fluorobiphenyl	9.36	172	2178537	117.96	ng	0.00
78) Terphenyl-d14	13.12	244	1703177	89.92	ng	0.00

Target Compounds						Qvalue
2) 1,4-Dioxane	2.64	88	332718	69.21	ng	# 83
3) Pyridine	3.39	79	981191	58.48	ng	# 84
4) n-Nitrosodimethylamine	3.36	42	479051	75.69	ng	80
6) Aniline	6.64	93	1148526	74.17	ng	# 47
8) 2-Chlorophenol	6.75	128	611266	55.03	ng	88
9) Benzaldehyde	6.52	77	539396	73.21	ng	98
10) Phenol	6.61	94	1001058	73.68	ng	# 74
11) bis(2-Chloroethyl)ether	6.70	93	638264	59.05	ng	89
12) 1,3-Dichlorobenzene	6.91	146	705273m	59.48	ng	
13) 1,4-Dichlorobenzene	6.99	146	754321	62.50	ng	96
14) 1,2-Dichlorobenzene	7.15	146	699360	66.78	ng	95
15) Benzyl Alcohol	7.12	79	600095	64.78	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.25	45	1339984	83.24	ng	92
17) 2-Methylphenol	7.22	107	560198	62.71	ng	98
18) Hexachloroethane	7.49	117	268439	59.99	ng	97
19) n-Nitroso-di-n-propylamine	7.40	70	548287	69.13	ng	97
20) 3+4-Methylphenols	7.38	107	595630	55.90	ng	92
22) Acetophenone	7.39	105	904650	54.31	ng	98
24) Nitrobenzene	7.56	77	739025	57.13	ng	100
25) Isophorone	7.81	82	1388823	61.98	ng	99
26) 2-Nitrophenol	7.88	139	354423	55.56	ng	# 85
27) 2,4-Dimethylphenol	7.92	122	651516	61.58	ng	97
28) bis(2-Chloroethoxy)methane	8.02	93	927104	68.23	ng	99
29) 2,4-Dichlorophenol	8.12	162	578704	64.59	ng	96
30) 1,2,4-Trichlorobenzene	8.20	180	587786	59.87	ng	95
31) Naphthalene	8.29	128	1927322	62.36	ng	99
32) Benzoic acid	8.05	122	507919	64.72	ng	96
33) 4-Chloroaniline	8.34	127	837866	60.12	ng	97
34) Hexachlorobutadiene	8.41	225	310053	59.83	ng	99
35) Caprolactam	8.73	113	196263m	66.66	ng	
36) 4-Chloro-3-methylphenol	8.82	107	604018	58.59	ng	98
37) 2-Methylnaphthalene	8.98	142	1184909	55.90	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.15	216	493381	55.08	ng	98
40) Hexachlorocyclopentadiene	9.14	237	265897	75.48	ng	96

Data Path : Z:\HPCHEM1\BNA F\DATA\BF012417\
 Data File : BF092423.D
 Acq On : 24 Jan 2017 12:32
 Operator : UM/SJ
 Sample : SSTDICC060
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC060

Manual Integrations
 APPROVED

mohammad
 1/25/2017 3:49:17 PM

Quant Time: Jan 24 13:05:32 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF012417.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jan 24 12:41:11 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.26	196	409147	65.31	nq	95
43) 2,4,5-Trichlorophenol	9.30	196	378895	58.77	nq	# 90
45) 1,1'-Biphenyl	9.46	154	1445935	59.56	nq	99
46) 2-Chloronaphthalene	9.48	162	1222377	63.58	nq	97
47) 2-Nitroaniline	9.57	65	468943	68.51	nq	95
48) Acenaphthylene	9.89	152	1639057	55.43	nq	99
49) Dimethylphthalate	9.76	163	1189552	52.46	nq	98
50) 2,6-Dinitrotoluene	9.81	165	268563	54.11	nq	# 65
51) Acenaphthene	10.06	154	1070753	53.42	nq	96
52) 3-Nitroaniline	9.98	138	321021	52.26	nq	95
53) 2,4-Dinitrophenol	10.09	184	149614	54.17	nq	# 72
54) Dibenzofuran	10.24	168	1418368	52.39	nq	99
55) 4-Nitrophenol	10.13	139	253264	60.73	nq	91
56) 2,4-Dinitrotoluene	10.22	165	418556	67.19	nq	# 73
57) Fluorene	10.59	166	1046993	53.16	nq	96
58) 2,3,4,6-Tetrachlorophenol	10.35	232	269602	52.87	nq	100
59) Diethylphthalate	10.46	149	1306036	59.30	nq	95
60) 4-Chlorophenyl-phenylether	10.58	204	528680	61.30	nq	# 82
61) 4-Nitroaniline	10.61	138	384824	60.46	nq	91
62) Azobenzene	10.74	77	1465315	60.43	nq	94
64) 4,6-Dinitro-2-methylphenol	10.64	198	204819	58.81	nq	81
65) n-Nitrosodiphenylamine	10.69	169	965554	56.50	nq	99
66) 4-Bromophenyl-phenylether	11.07	248	344186	57.45	nq	# 87
67) Hexachlorobenzene	11.13	284	307579	48.03	nq	# 80
68) Atrazine	11.23	200	373801	67.81	nq	94
69) Pentachlorophenol	11.32	266	235921	75.08	nq	98
70) Phenanthrene	11.55	178	1751944	56.10	nq	99
71) Anthracene	11.60	178	1717351	54.91	nq	100
72) Carbazole	11.76	167	1663072	57.48	nq	99
73) Di-n-butylphthalate	12.09	149	1768620	52.34	nq	98
74) Fluoranthene	12.74	202	1654873	53.11	nq	98
76) Benzidine	12.87	184	1041544	78.23	nq	96
77) Pyrene	12.97	202	1661394	49.29	nq	99
79) Butylbenzylphthalate	13.59	149	815829	53.22	nq	95
80) Benzo(a)anthracene	14.16	228	1299871	50.13	nq	99
81) 3,3'-Dichlorobenzidine	14.12	252	520290	52.91	nq	97
82) Chrysene	14.20	228	1406816	54.09	nq	98
83) Bis(2-ethylhexyl)phthalate	14.16	149	965862	53.50	nq	# 96
84) Di-n-octyl phthalate	14.77	149	1847152	55.24	nq	97
85) Indeno(1,2,3-cd)pyrene	17.14	276	1080788	47.96	nq	# 93
87) Benzo(b)fluoranthene	15.22	252	1346479	61.91	nq	97
88) Benzo(k)fluoranthene	15.24	252	1101300m	59.38	nq	
89) Benzo(a)pyrene	15.59	252	1111168	57.56	nq	98
90) Dibenzo(a,h)anthracene	17.16	278	935252	58.95	nq	96
91) Benzo(g,h,i)perylene	17.60	276	953771	57.81	nq	# 91

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

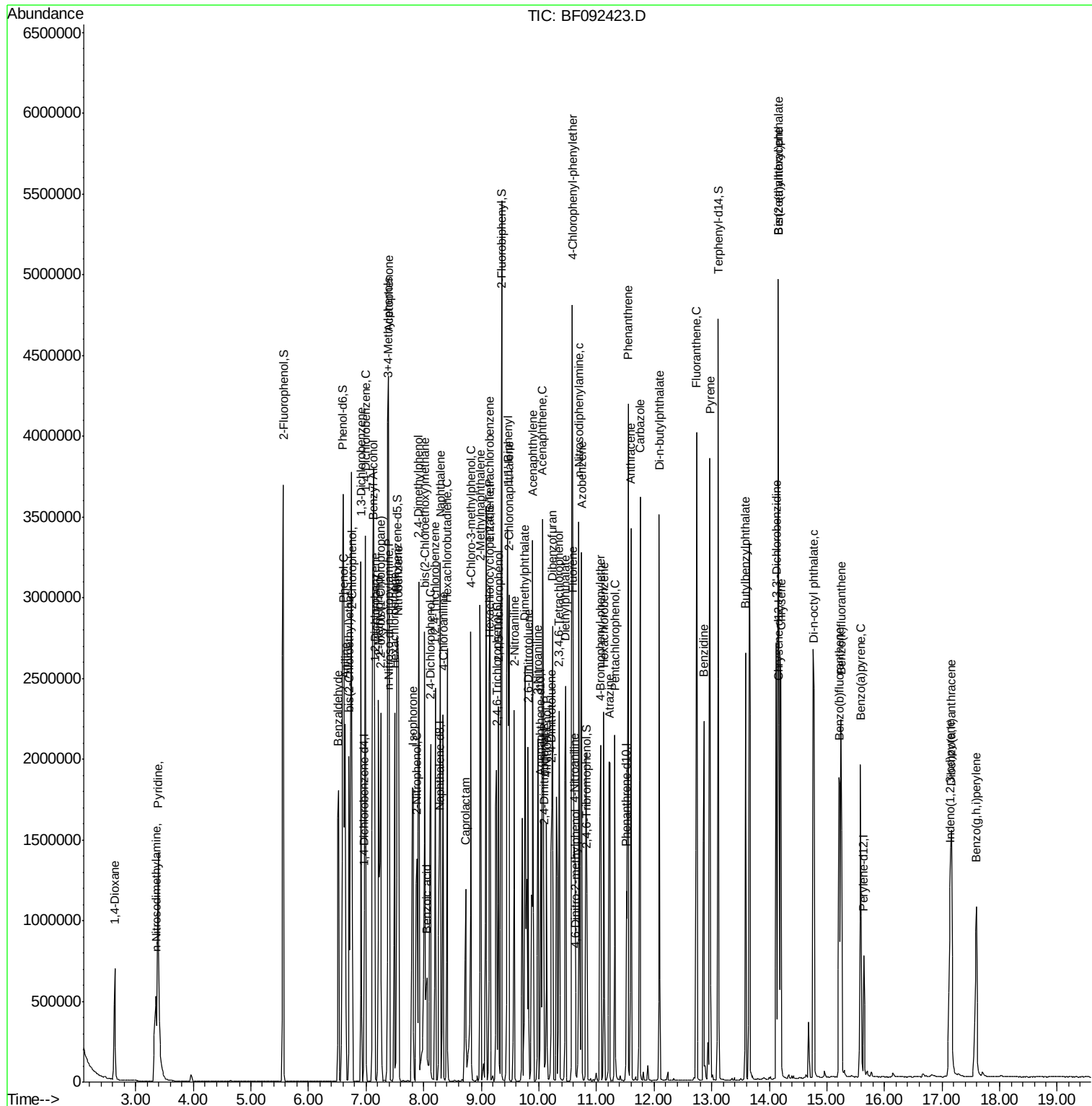
```
Data Path : Z:\HPCHEM1\BNA F\DATA\BF012417\  
Data File : BF092423.D  
Acq On    : 24 Jan 2017  12:32  
Operator  : UM/SJ  
Sample    : SSTDICC060  
Misc      :  
ALS Vial  : 7      Sample Multiplier: 1
```

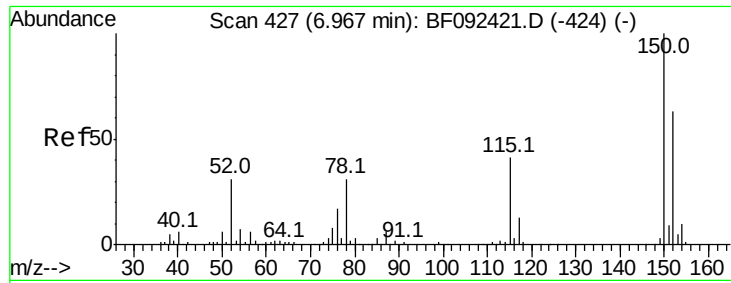
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Manual Integrations APPROVED

mohammad
1/25/2017 3:49:17 PM

Quant Time: Jan 24 13:05:32 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF012417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jan 24 12:41:11 2017
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.97 min Scan# 427

Delta R.T. 0.00 min

Lab File: BF092423.D

Acq: 24 Jan 2017 12:32

Instrument :

BNA_F

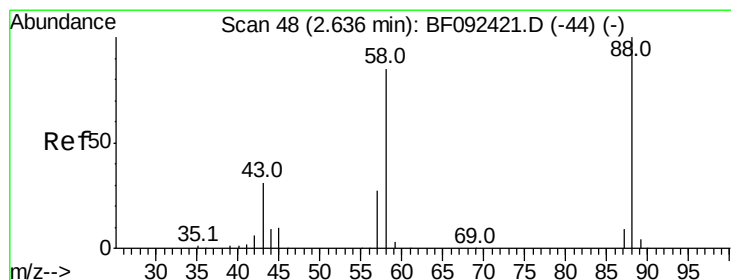
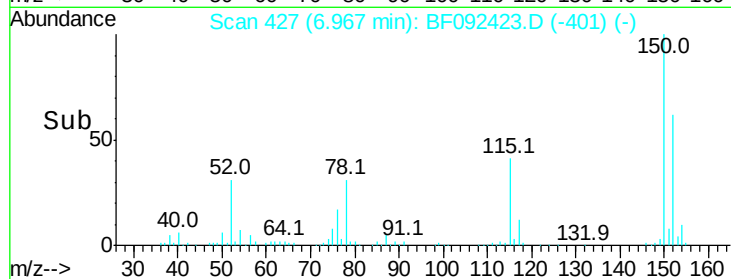
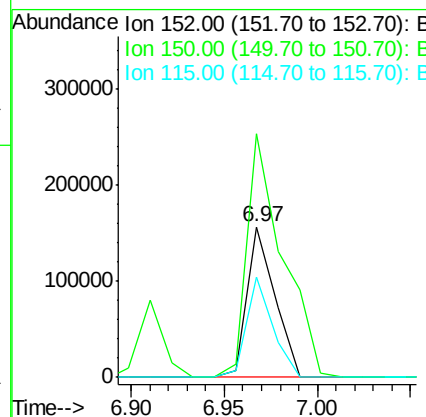
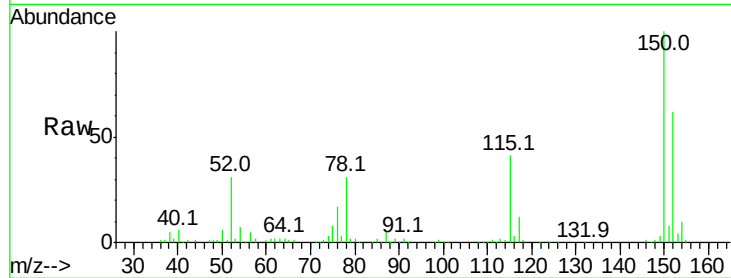
ClientSampleId :

SSTDIC060

Tot Ion:	152	Resp:	163051
Ion Ratio	Lower	Upper	
152	100		
150	162.0	124.9	187.3
115	67.1	46.0	69.0

Manual Integrations
APPROVED

mohammad
1/25/2017 3:49:17 PM



#2

1,4-Dioxane

Concen: 69.21 ng

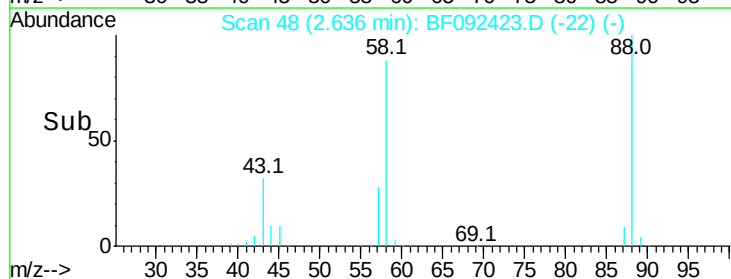
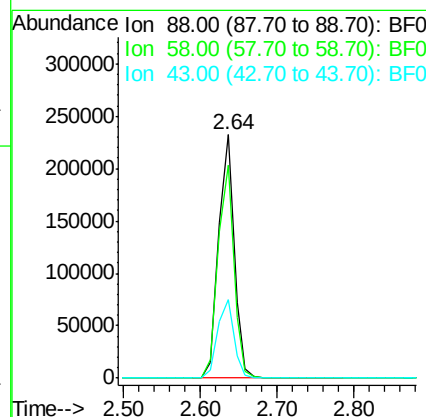
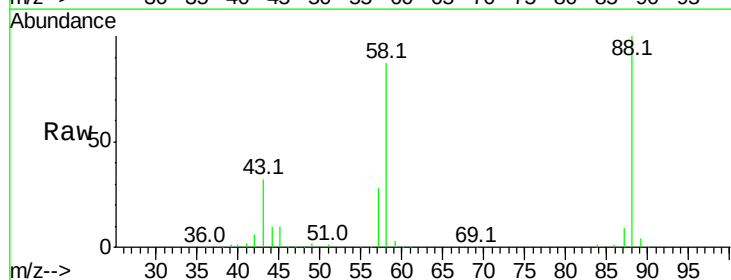
RT: 2.64 min Scan# 48

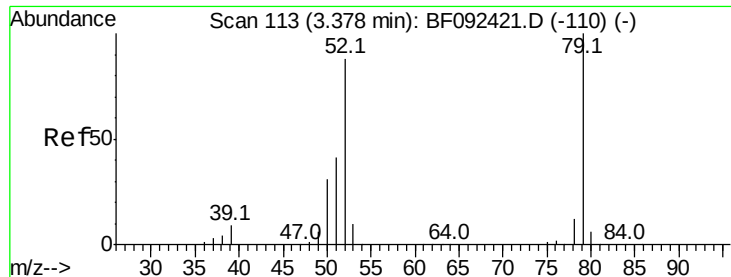
Delta R.T. 0.00 min

Lab File: BF092423.D

Acq: 24 Jan 2017 12:32

Tgt Ion:	88	Resp:	332718
Ion Ratio	Lower	Upper	
88	100		
58	88.4	57.8	86.8#
43	33.2	22.3	33.5





#3

Pvridine

Concen: 58.48 ng

RT: 3.39 min Scan# 114

Delta R.T. 0.01 min

Lab File: BF092423.D

Acq: 24 Jan 2017 12:32

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

Tot Ion: 79 Resp: 981191

Ion Ratio Lower Upper

79 100

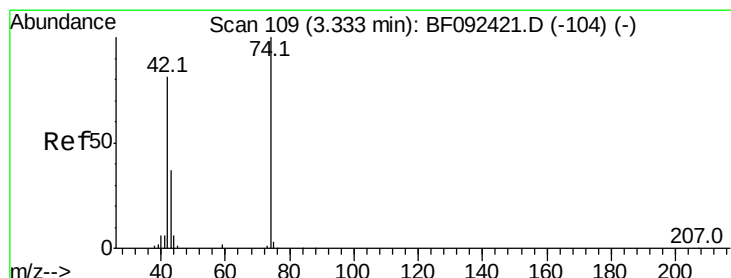
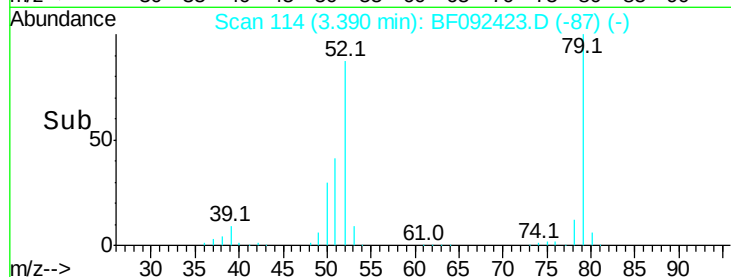
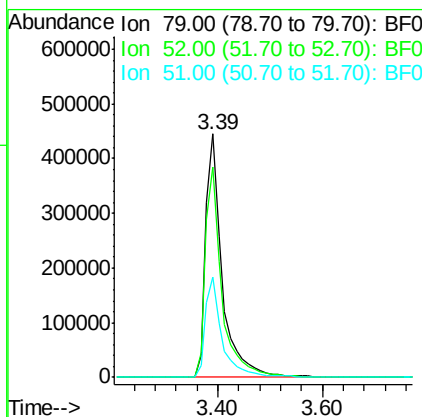
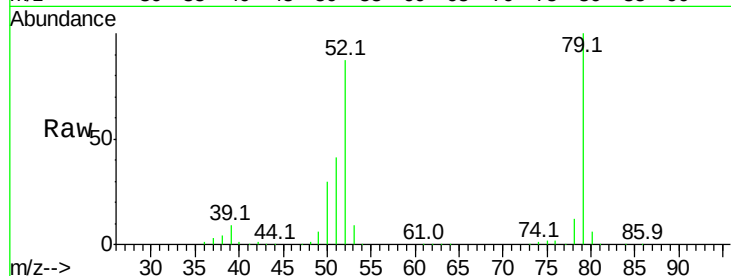
52 86.6 57.1 85.7#

51 40.9 27.3 40.9#

Manual Integrations
APPROVED

mohammad

1/25/2017 3:49:17 PM



#4

n-Nitrosodimethylamine

Concen: 75.69 ng

RT: 3.36 min Scan# 111

Delta R.T. 0.02 min

Lab File: BF092423.D

Acq: 24 Jan 2017 12:32

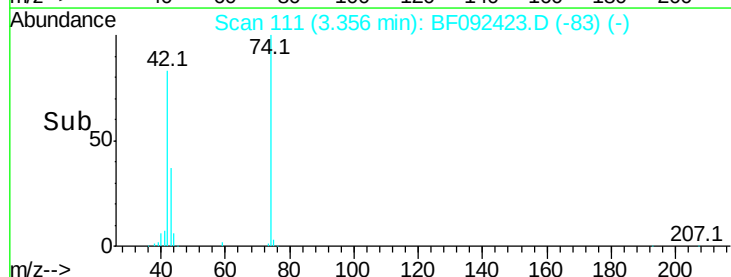
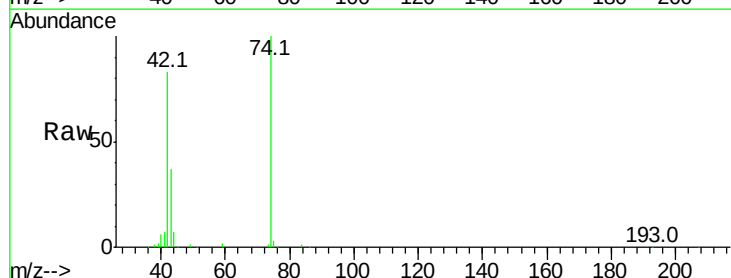
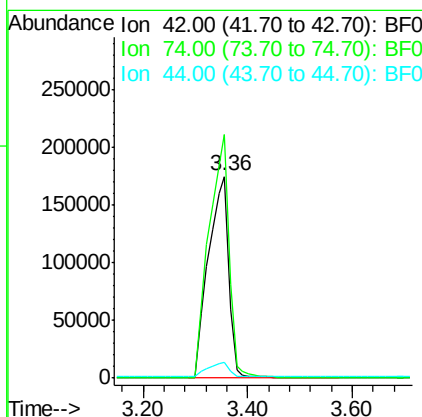
Tgt Ion: 42 Resp: 479051

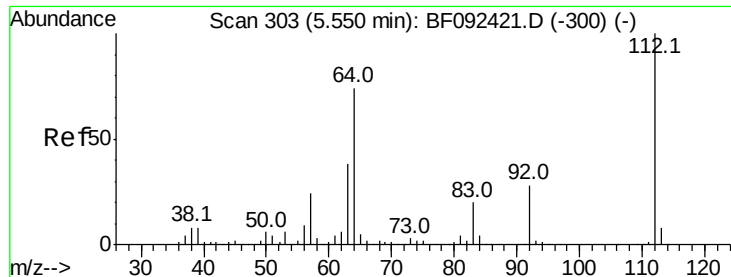
Ion Ratio Lower Upper

42 100

74 120.8 117.0 175.4

44 7.9 5.5 8.3





#5

2-Fluorophenol

Concen: 125.08 ng

RT: 5.56 min Scan# 304

Delta R.T. 0.01 min

Lab File: BF092423.D

Acq: 24 Jan 2017 12:32

Instrument :

BNA_F

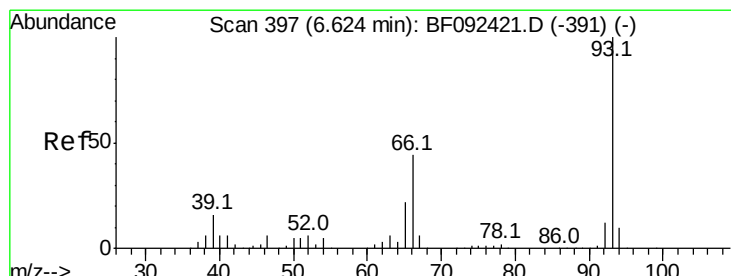
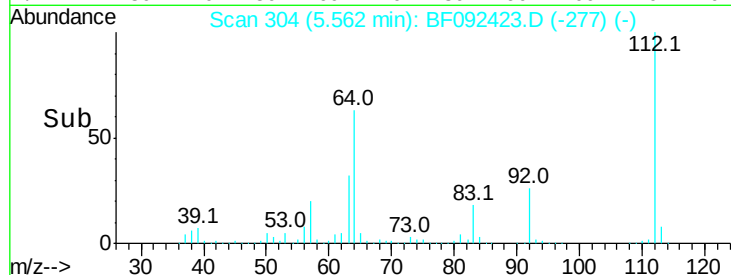
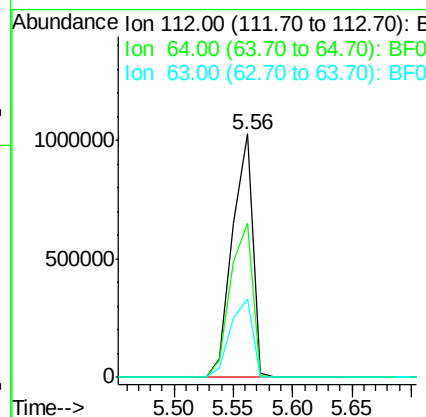
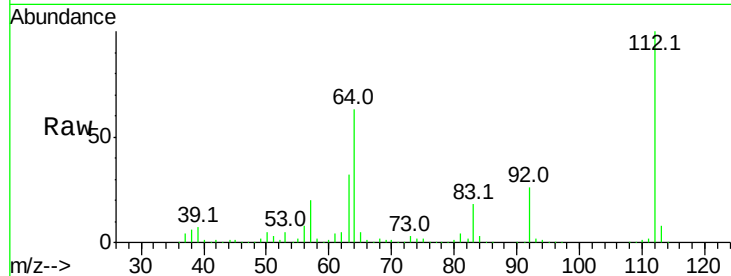
ClientSampleId :

SSTDIC060

Tot Ion:	112	Resp:	1221424
Ion Ratio	Lower	Upper	
112	100		
64	63.4	46.1	69.1
63	32.1	23.8	35.6

Manual Integrations
APPROVED

mohammad
1/25/2017 3:49:17 PM



#6

Aniline

Concen: 74.17 ng

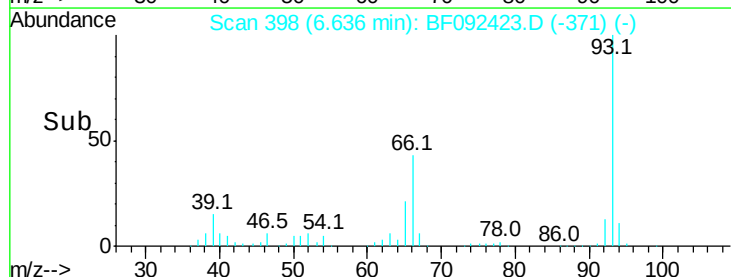
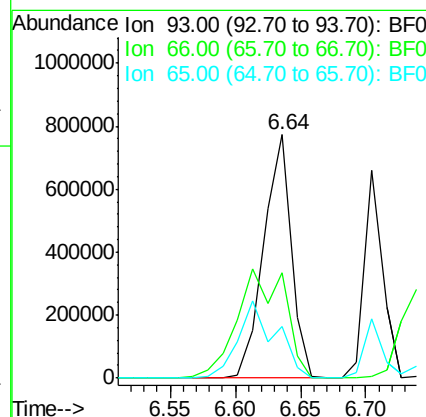
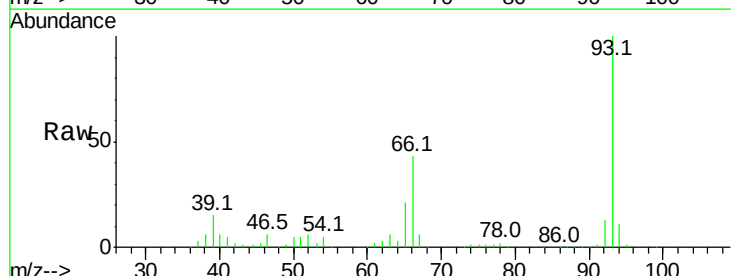
RT: 6.64 min Scan# 398

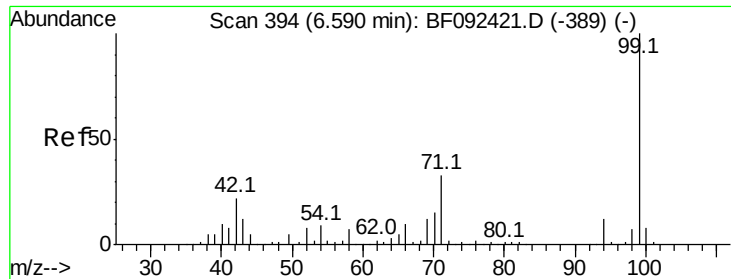
Delta R.T. 0.01 min

Lab File: BF092423.D

Acq: 24 Jan 2017 12:32

Tgt Ion:	93	Resp:	1148526
Ion Ratio	Lower	Upper	
93	100		
66	43.2	76.2	114.2#
65	21.3	49.3	73.9#





#7

Phenol-d6

Concen: 133.30 ng

RT: 6.60 min Scan# 395

Delta R.T. 0.01 min

Lab File: BF092423.D

Acq: 24 Jan 2017 12:32

Instrument :

BNA_F

ClientSampleId :

SSTDIC060

Tot Ion: 99 Resp: 1589296

Ion Ratio Lower Upper

99 100

42 19.2 15.6 23.4

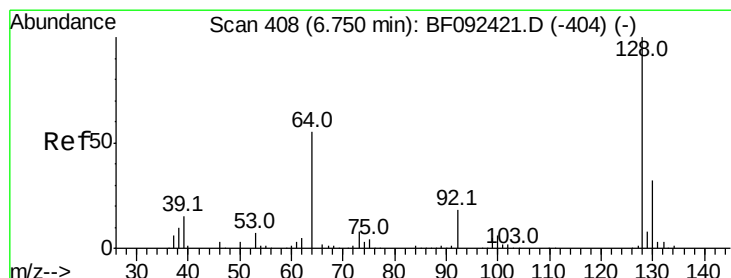
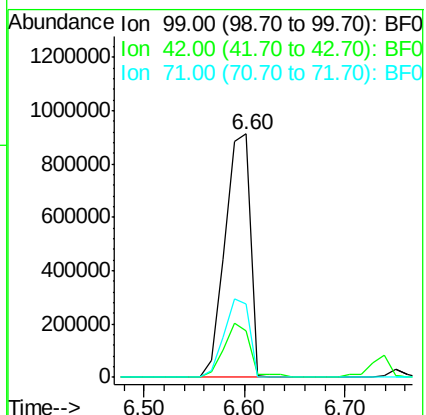
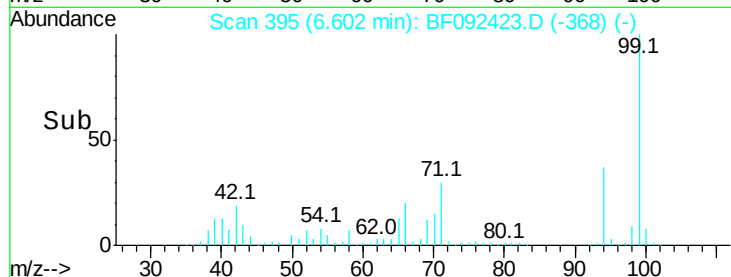
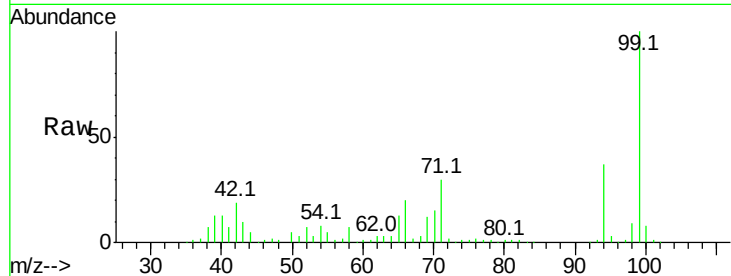
71 29.9 27.5 41.3

Manual Integrations

APPROVED

mohammad

1/25/2017 3:49:17 PM



#8

2-Chlorophenol

Concen: 55.03 ng

RT: 6.75 min Scan# 408

Delta R.T. 0.00 min

Lab File: BF092423.D

Acq: 24 Jan 2017 12:32

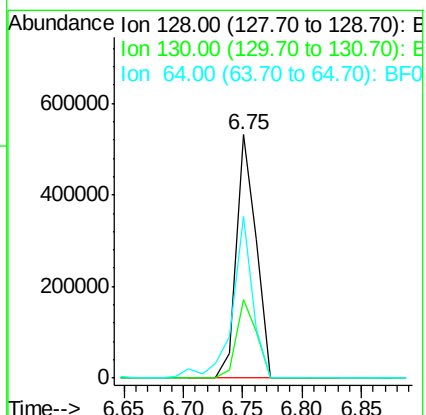
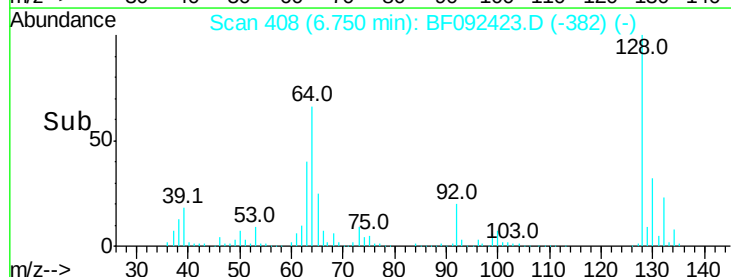
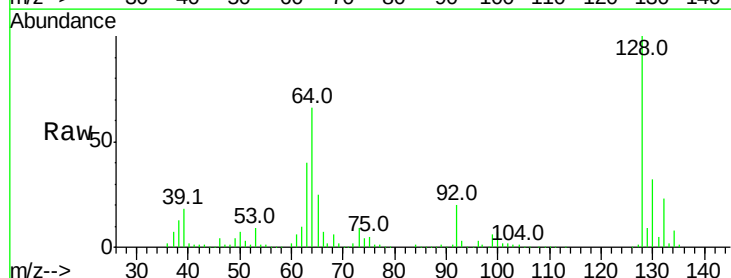
Tgt Ion: 128 Resp: 611266

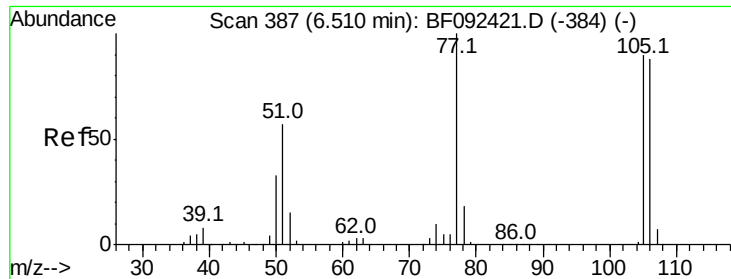
Ion Ratio Lower Upper

128 100

130 32.2 12.3 52.3

64 66.2 32.2 72.2





#9

Benzaldehyde

Concen: 73.21 ng

RT: 6.52 min Scan# 388

Delta R.T. 0.01 min

Lab File: BF092423.D

Acq: 24 Jan 2017 12:32

Instrument :

BNA_F

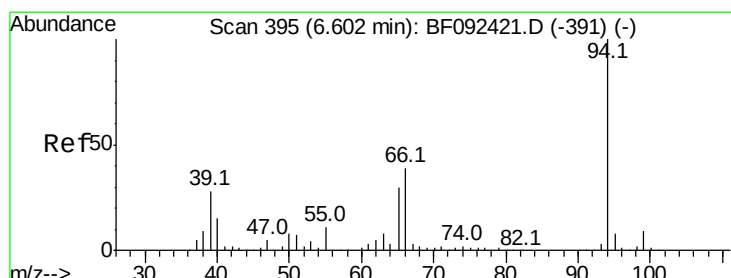
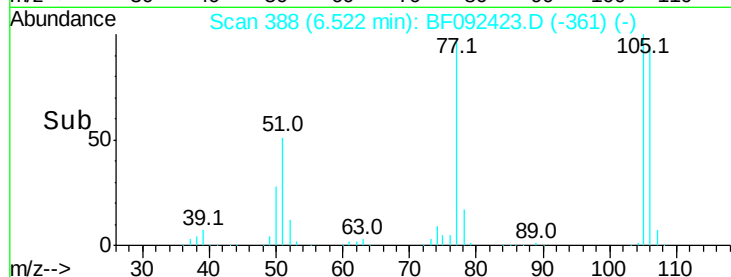
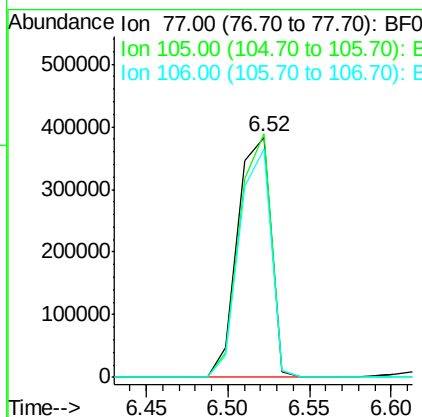
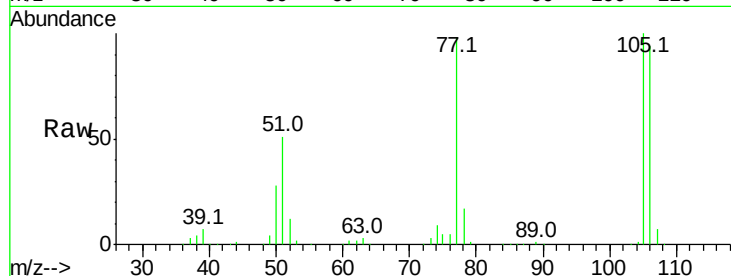
ClientSampleId :

SSTDICC060

Tot Ion	Ratio	Lower	Upper
77	100		
105	101.6	83.9	123.9
106	95.3	77.6	117.6

Manual Integrations
APPROVED

mohammad
1/25/2017 3:49:17 PM



#10

Phenol

Concen: 73.68 ng

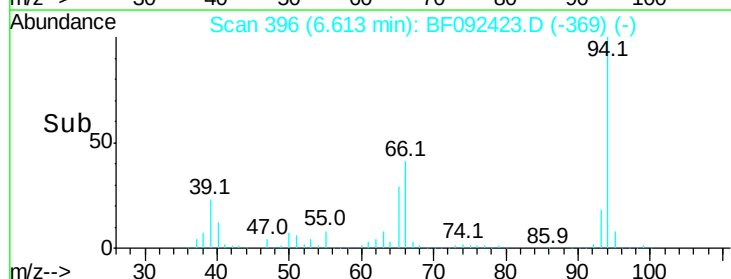
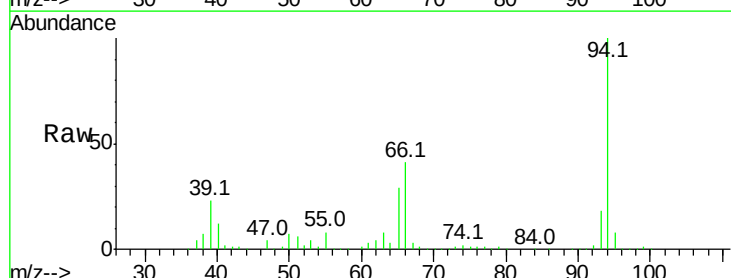
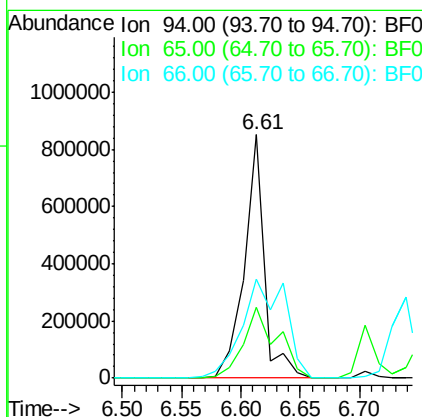
RT: 6.61 min Scan# 396

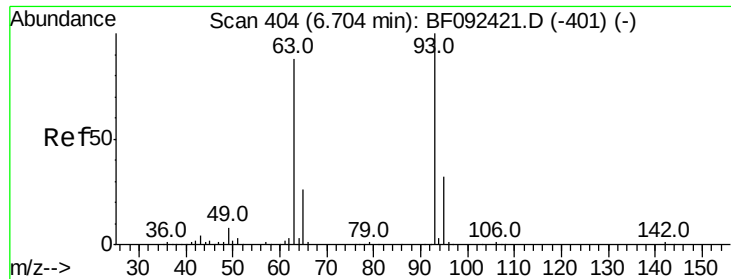
Delta R.T. 0.01 min

Lab File: BF092423.D

Acq: 24 Jan 2017 12:32

Tgt Ion	Ratio	Lower	Upper
94	100		
65	29.0	21.4	61.4
66	40.5	44.0	84.0





#11

bis(2-Chloroethyl)ether

Concen: 59.05 ng

RT: 6.70 min Scan# 404

Delta R.T. 0.00 min

Lab File: BF092423.D

Acq: 24 Jan 2017 12:32

Instrument :

BNA_F

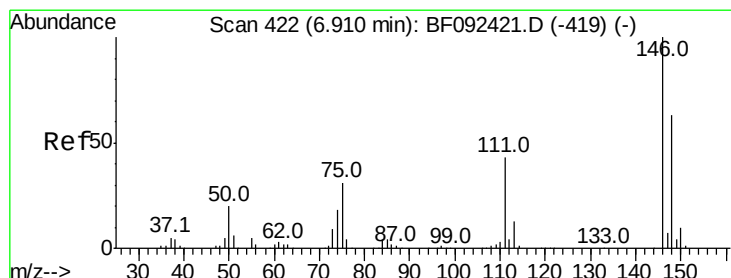
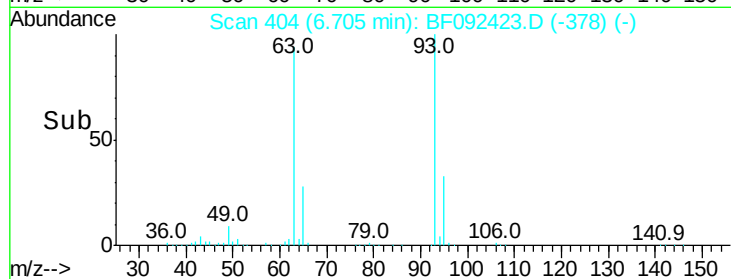
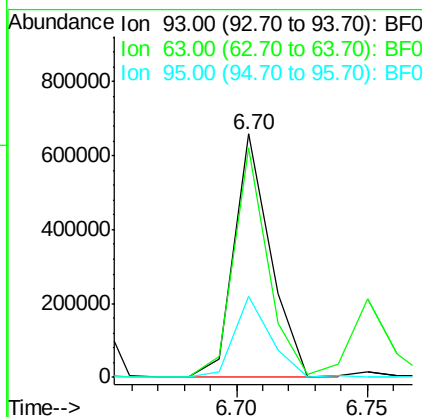
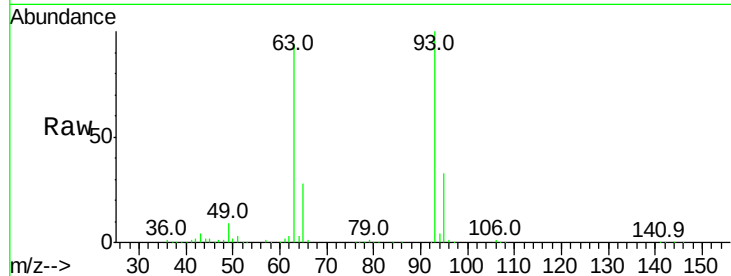
ClientSampleId :

SSTDICC060

Tot Ion:	93	Resp:	638264
Ion Ratio	Lower	Upper	
93	100		
63	94.1	60.4	100.4
95	33.2	12.8	52.8

Manual Integrations
APPROVED

mohammad
1/25/2017 3:49:17 PM



#12

1,3-Dichlorobenzene

Concen: 59.48 ng m

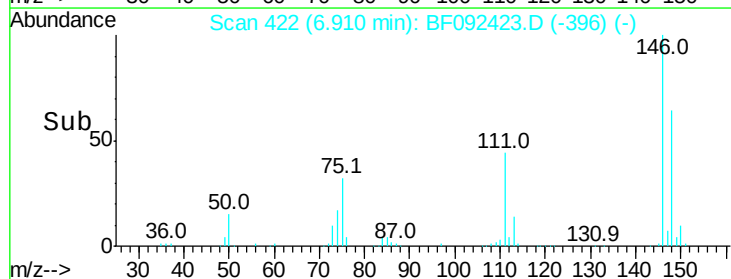
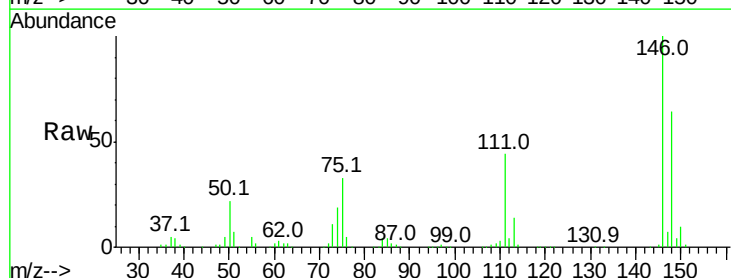
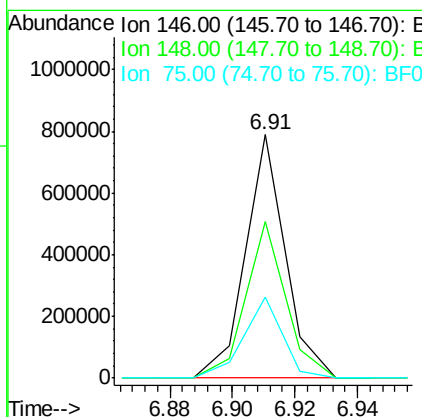
RT: 6.91 min Scan# 422

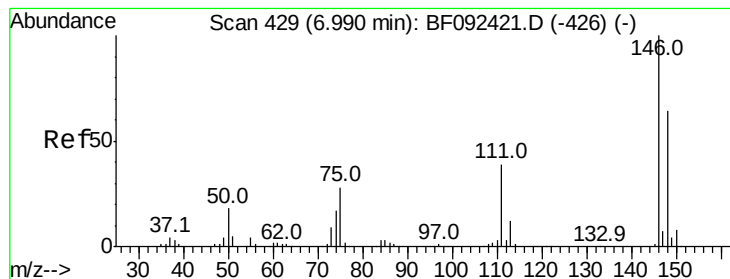
Delta R.T. 0.00 min

Lab File: BF092423.D

Acq: 24 Jan 2017 12:32

Tgt Ion:	146	Resp:	705273
Ion Ratio	Lower	Upper	
146	100		
148	64.2	53.4	80.0
75	33.5	18.5	27.7#





#13

1,4-Dichlorobenzene

Concen: 62.50 ng

RT: 6.99 min Scan# 429

Delta R.T. 0.00 min

Lab File: BF092423.D

Acq: 24 Jan 2017 12:32

Instrument :

BNA_F

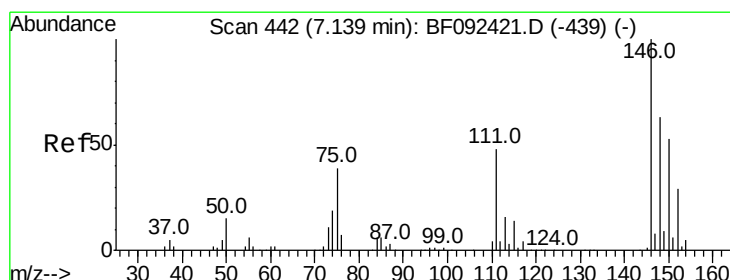
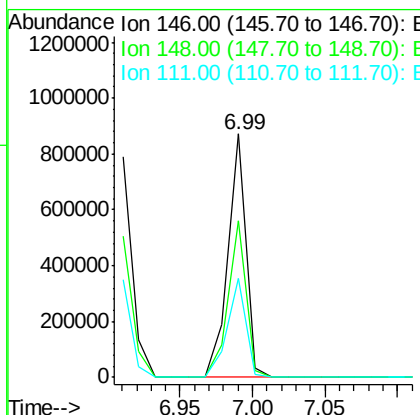
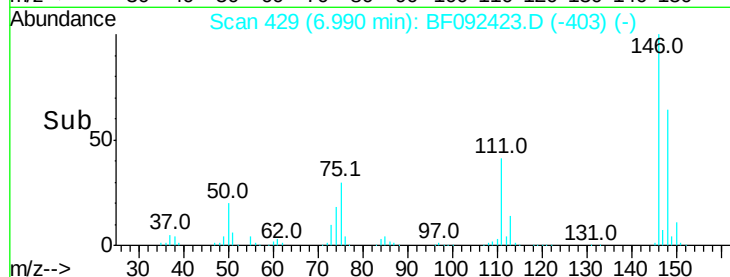
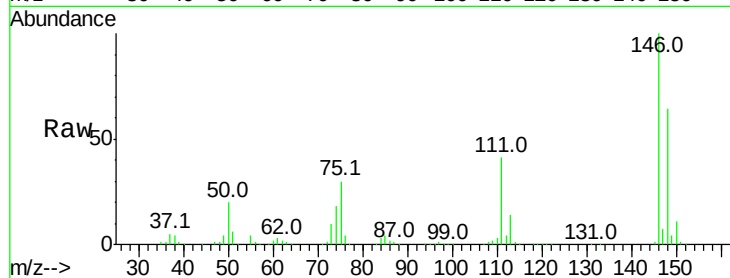
ClientSampleId :

SSTDIC060

Tot Ion:	146	Resp:	754321
Ion Ratio	Lower	Upper	
146	100		
148	64.2	50.6	76.0
111	40.6	36.2	54.4

Manual Integrations
APPROVED

mohammad
1/25/2017 3:49:17 PM



#14

1,2-Dichlorobenzene

Concen: 66.78 ng

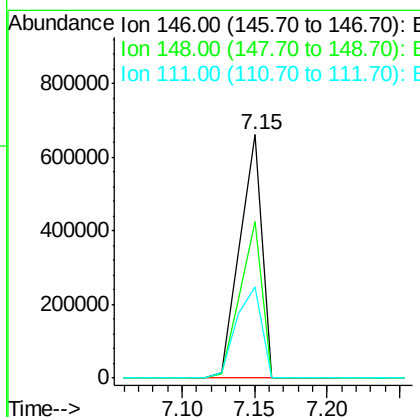
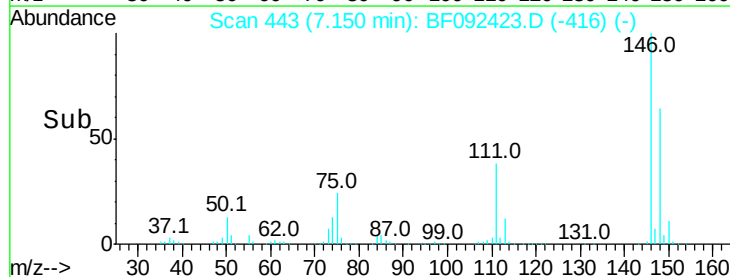
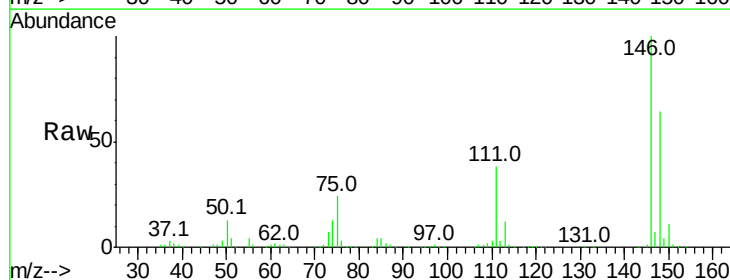
RT: 7.15 min Scan# 443

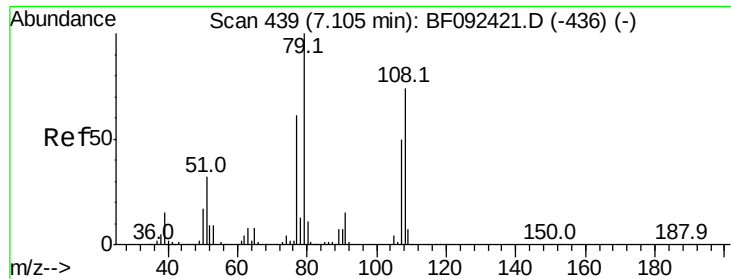
Delta R.T. 0.01 min

Lab File: BF092423.D

Acq: 24 Jan 2017 12:32

Tgt Ion:	146	Resp:	699360
Ion Ratio	Lower	Upper	
146	100		
148	64.2	52.2	78.2
111	37.6	36.2	54.2





#15

Benzyl Alcohol

Concen: 64.78 ng

RT: 7.12 min Scan# 440

Delta R.T. 0.01 min

Lab File: BF092423.D

Acq: 24 Jan 2017 12:32

Instrument :

BNA_F

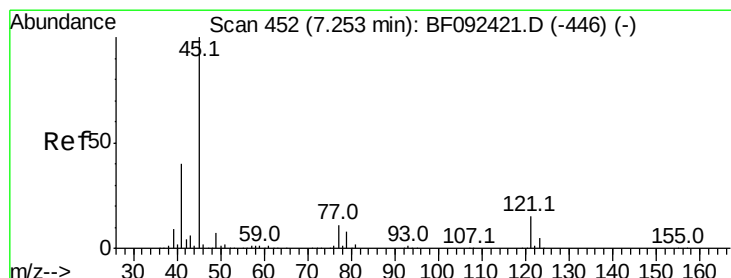
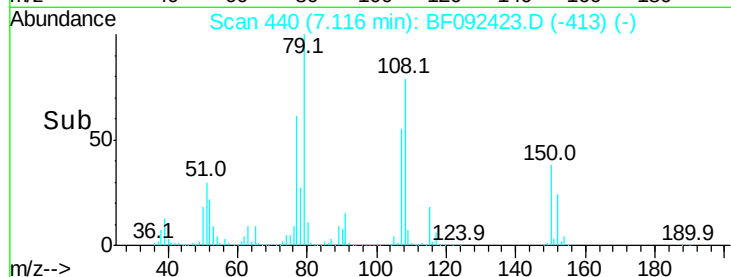
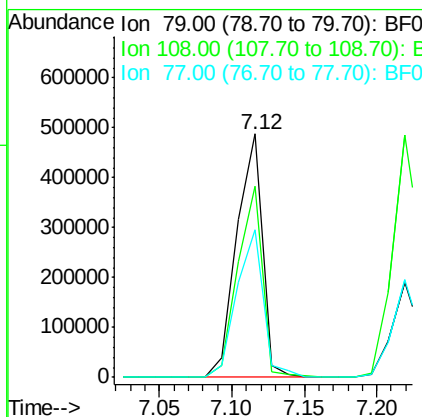
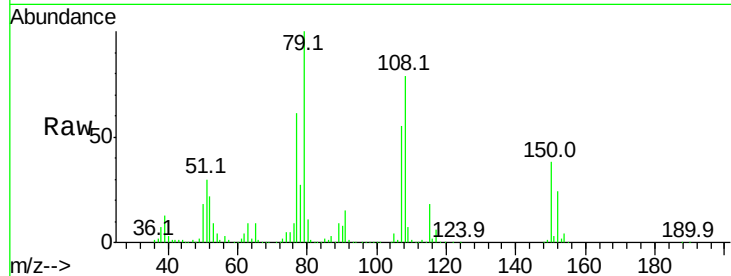
ClientSampleId :

SSTDIC060

Tot Ion:	79	Resp:	600095
Ion Ratio	Lower	Upper	
79	100		
108	78.6	61.4	92.0
77	60.7	50.9	76.3

Manual Integrations
APPROVED

mohammad
1/25/2017 3:49:17 PM



#16

2,2'-oxybis(1-Chloropropane)

Concen: 83.24 ng

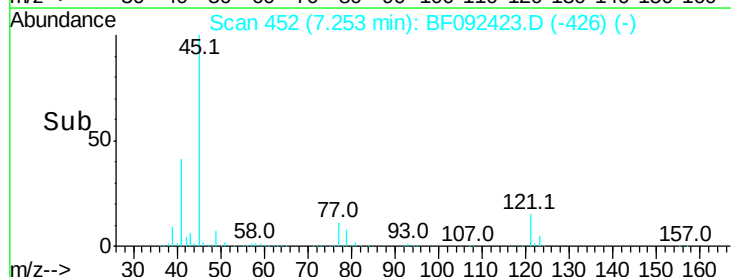
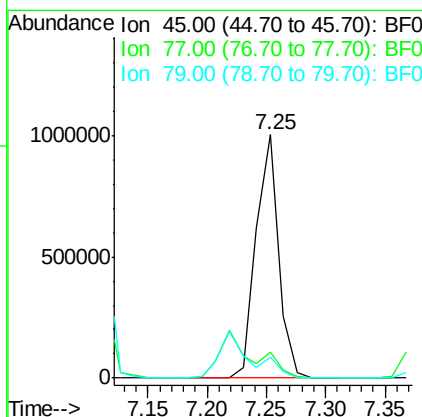
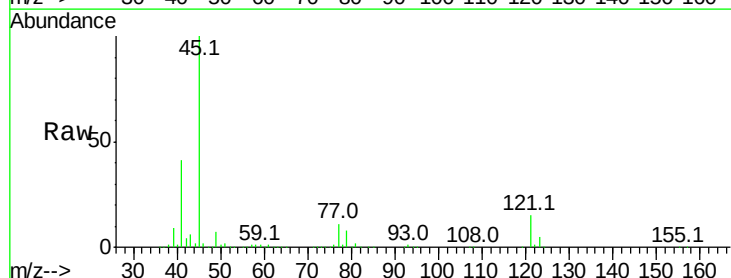
RT: 7.25 min Scan# 452

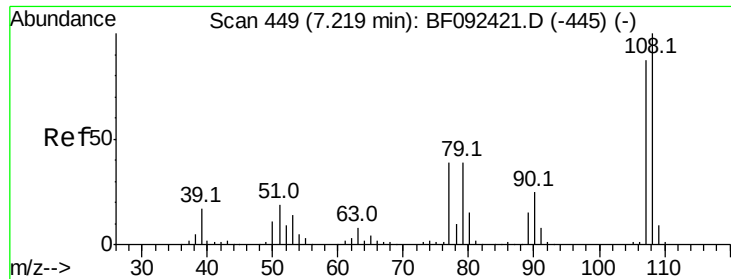
Delta R.T. 0.00 min

Lab File: BF092423.D

Acq: 24 Jan 2017 12:32

Tgt Ion:	45	Resp:	1339984
Ion Ratio	Lower	Upper	
45	100		
77	10.9	0.0	34.6
79	8.4	0.0	31.2





#17

2-Methylphenol

Concen: 62.71 ng

RT: 7.22 min Scan# 449

Delta R.T. 0.00 min

Lab File: BF092423.D

Acq: 24 Jan 2017 12:32

Instrument :

BNA_F

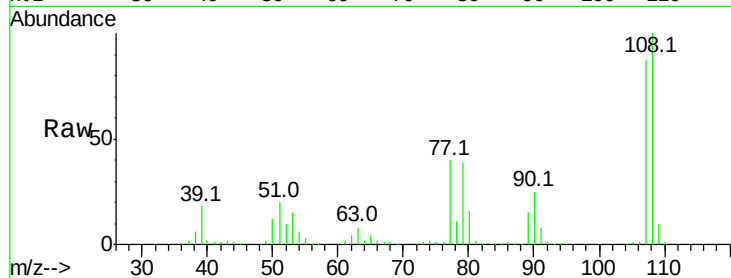
ClientSampleId :

SSTDICC060

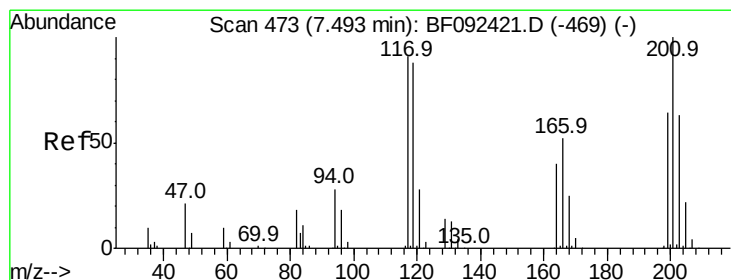
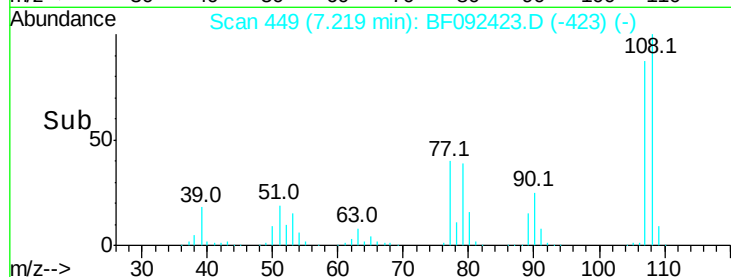
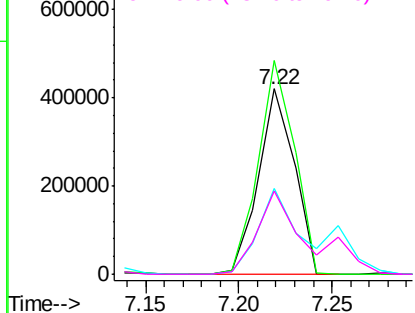
Tot Ion	Ratio	Lower	Upper
107	100		
108	115.4	93.0	139.6
77	46.4	39.8	59.8
79	45.1	38.0	57.0

Manual Integrations
APPROVED

mohammad
1/25/2017 3:49:17 PM



Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0



#18

Hexachloroethane

Concen: 59.99 ng

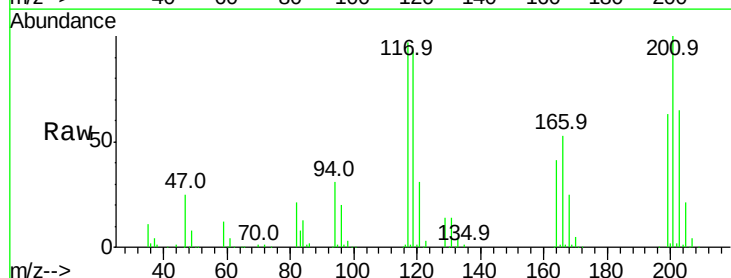
RT: 7.49 min Scan# 473

Delta R.T. 0.00 min

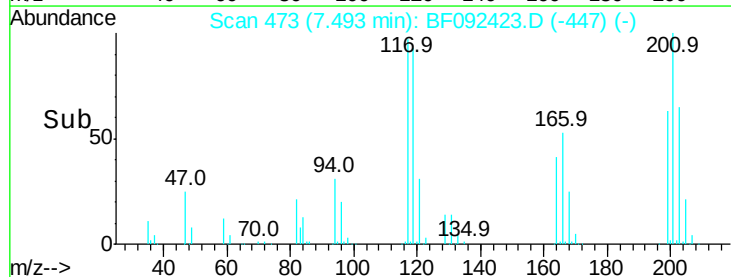
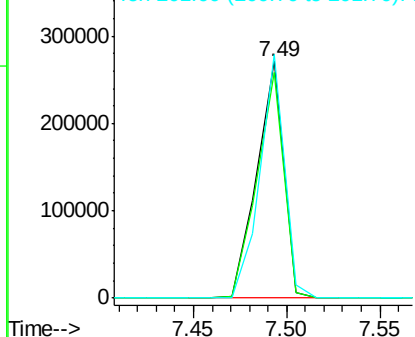
Lab File: BF092423.D

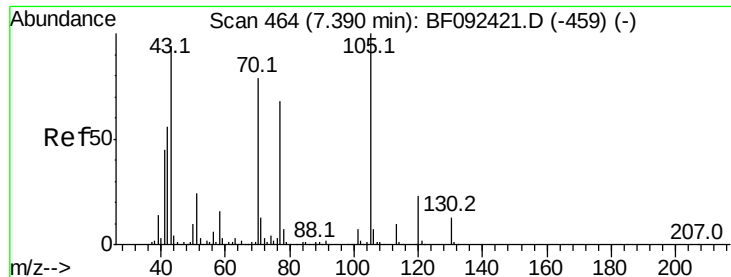
Acq: 24 Jan 2017 12:32

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.6	78.1	117.1
201	102.9	78.6	117.8



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E





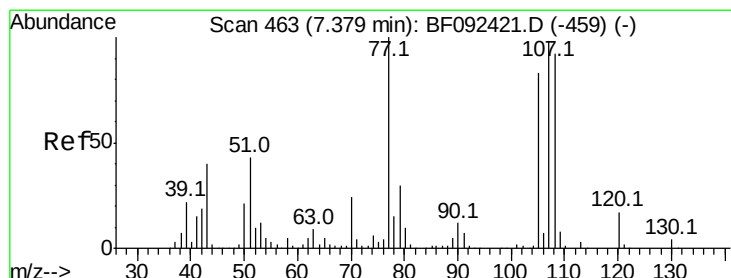
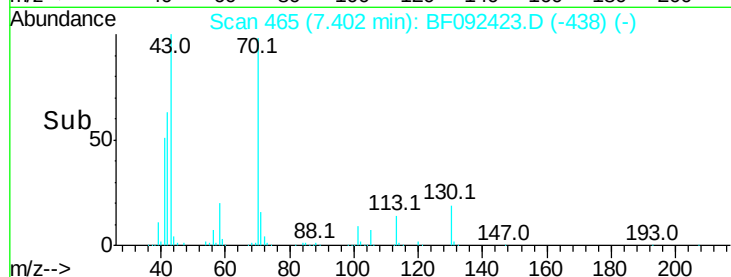
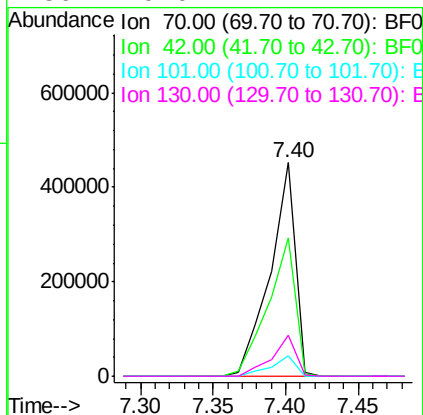
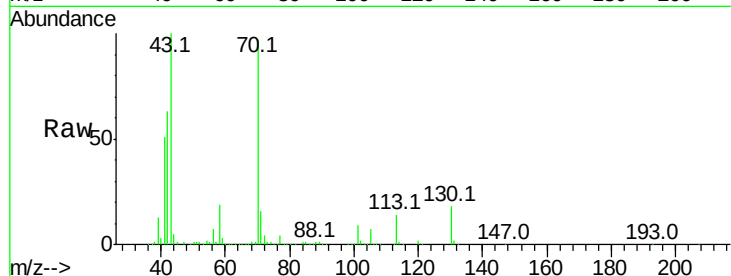
#19
n-Nitroso-di-n-propylamine
Concen: 69.13 ng
RT: 7.40 min Scan# 465
Delta R.T. 0.01 min
Lab File: BF092423.D
Acq: 24 Jan 2017 12:32

Instrument :
BNA_F
ClientSampleId :
SSTDIC060

Tot Ion	Ratio	Lower	Upper
70	100		
42	64.9	49.4	74.0
101	9.3	7.4	11.2
130	19.0	14.2	21.4

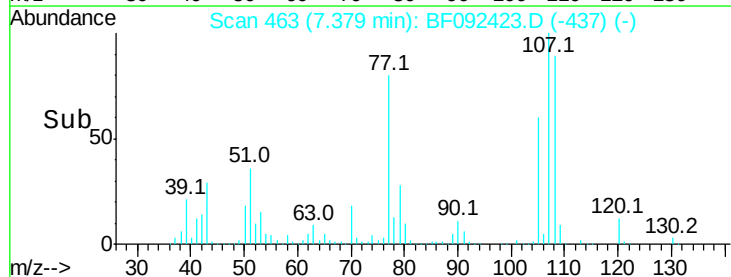
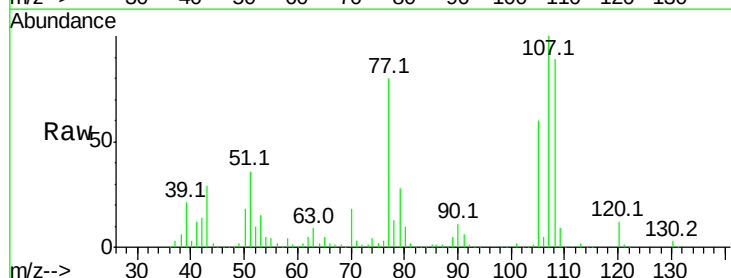
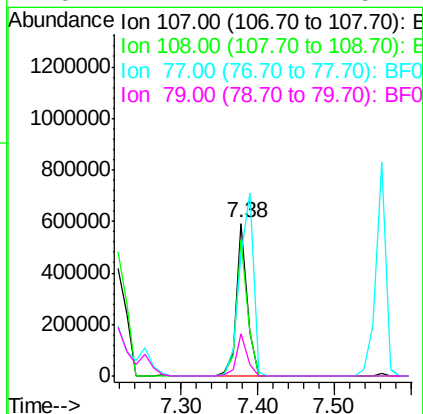
Manual Integrations
APPROVED

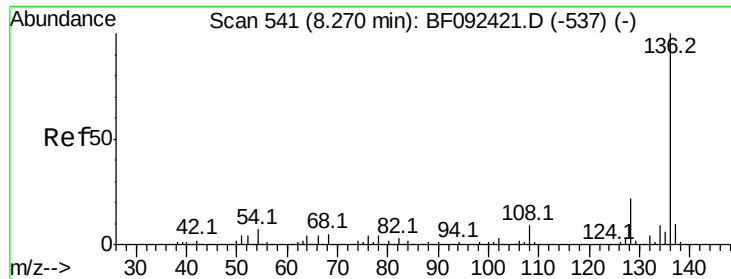
mohammad
1/25/2017 3:49:17 PM



#20
3+4-Methylphenols
Concen: 55.90 ng
RT: 7.38 min Scan# 463
Delta R.T. 0.00 min
Lab File: BF092423.D
Acq: 24 Jan 2017 12:32

Tgt Ion	Ratio	Lower	Upper
107	100		
108	88.9	73.0	113.0
77	80.0	71.3	111.3
79	27.7	11.1	51.1





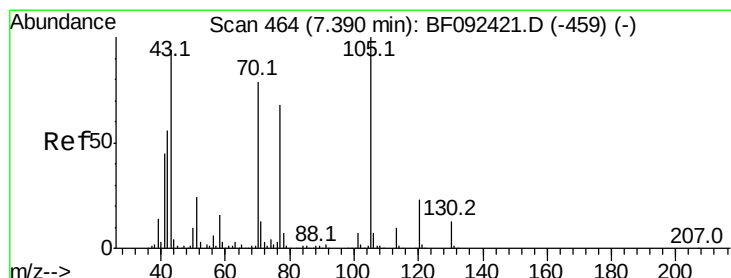
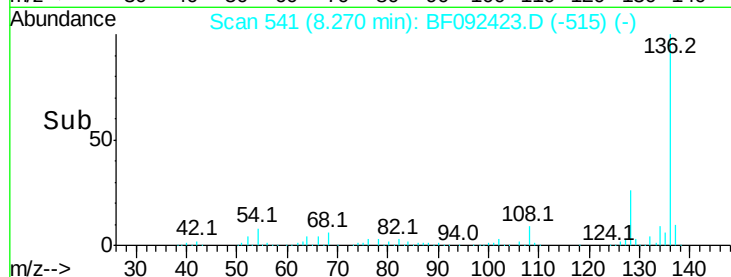
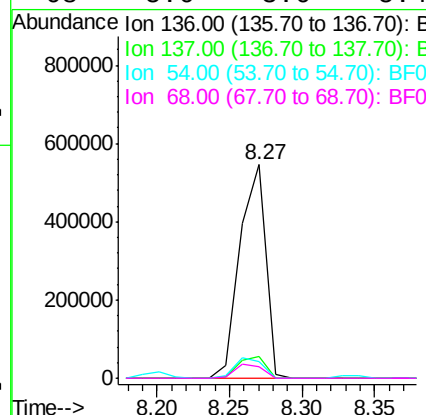
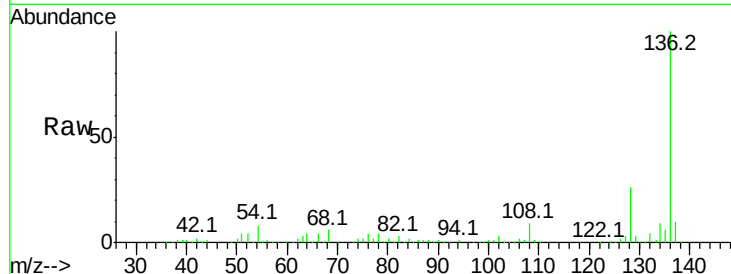
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.27 min Scan# 541
Delta R.T. 0.00 min
Lab File: BF092423.D
Acq: 24 Jan 2017 12:32

Instrument :
BNA_F
ClientSampleId :
SSTDIC060

Tot Ion	Ratio	Resp	Lower	Upper
136	100	675338		
137	10.4		8.4	12.6
54	7.9		4.5	6.7#
68	5.6		3.6	5.4#

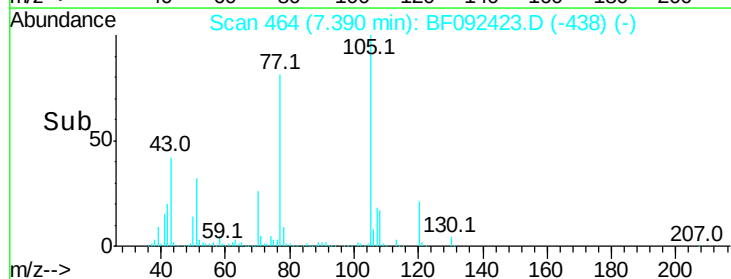
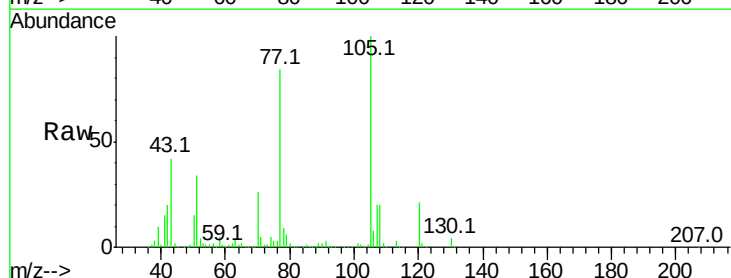
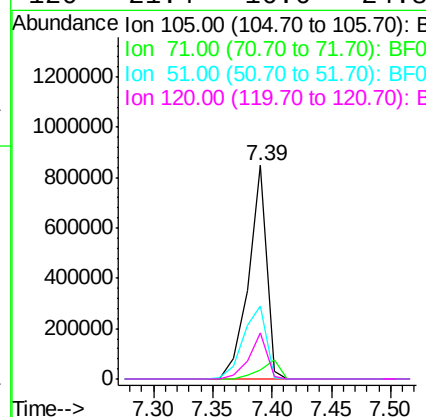
Manual Integrations
APPROVED

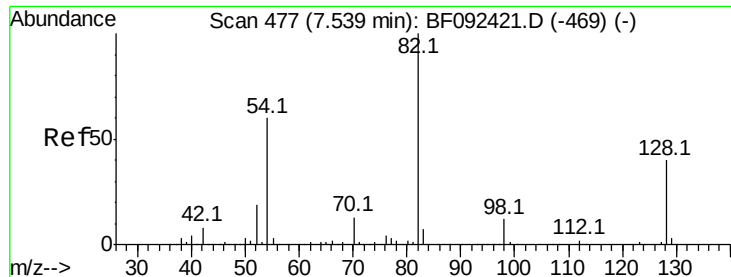
mohammad
1/25/2017 3:49:17 PM



#22
Acetophenone
Concen: 54.31 ng
RT: 7.39 min Scan# 464
Delta R.T. 0.00 min
Lab File: BF092423.D
Acq: 24 Jan 2017 12:32

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	904650		
71	4.5		3.2	4.8
51	34.2		26.2	39.4
120	21.4		16.6	24.8





#23

Nitrobenzene-d5

Concen: 120.99 ng

RT: 7.54 min Scan# 477

Delta R.T. 0.00 min

Lab File: BF092423.D

Acq: 24 Jan 2017 12:32

Instrument :

BNA_F

ClientSampleId :

SSTDIC060

Tot Ion: 82 Resp: 1469419

Ion Ratio Lower Upper

82 100

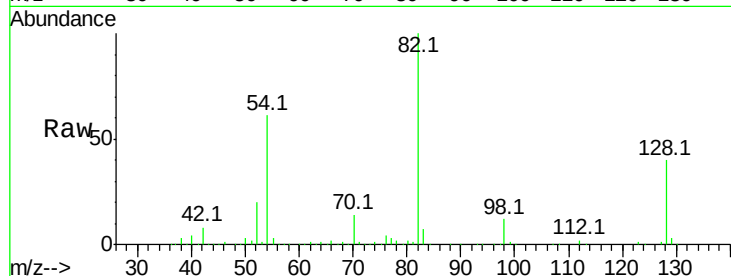
128 39.7 34.6 52.0

54 60.8 39.5 59.3#

Manual Integrations
APPROVED

mohammad

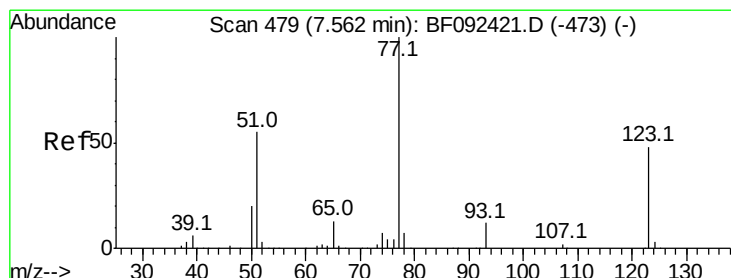
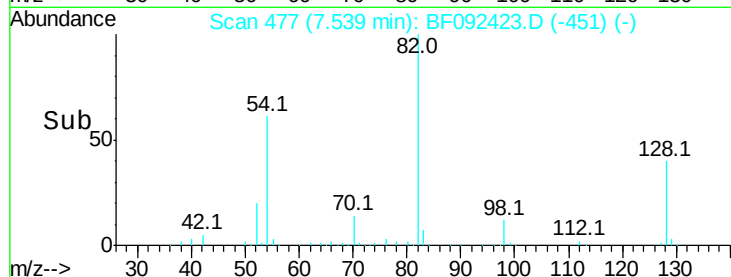
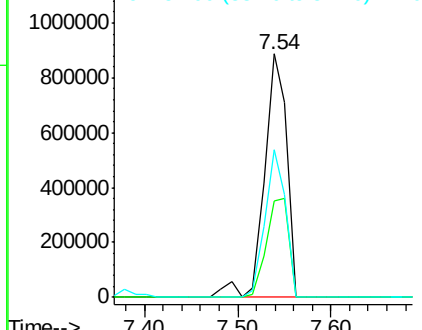
1/25/2017 3:49:17 PM



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: 57.13 ng

RT: 7.56 min Scan# 479

Delta R.T. 0.00 min

Lab File: BF092423.D

Acq: 24 Jan 2017 12:32

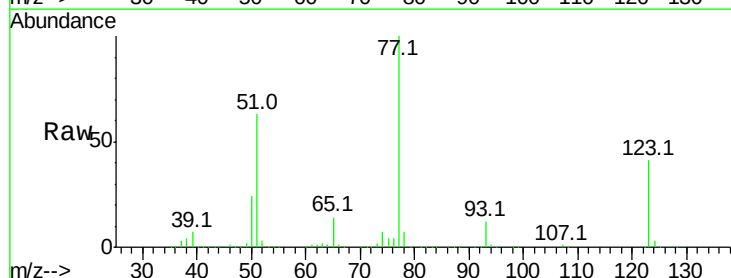
Tgt Ion: 77 Resp: 739025

Ion Ratio Lower Upper

77 100

123 41.2 33.0 49.4

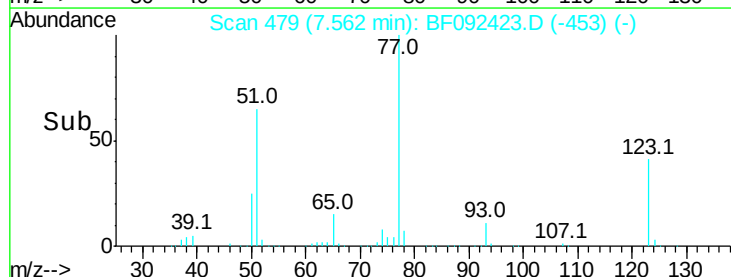
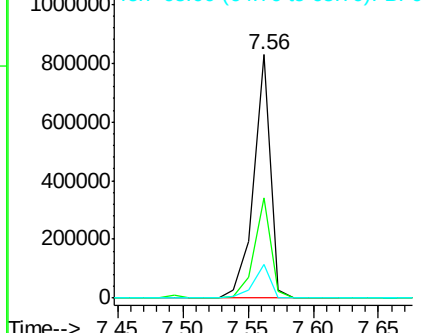
65 14.1 11.2 16.8

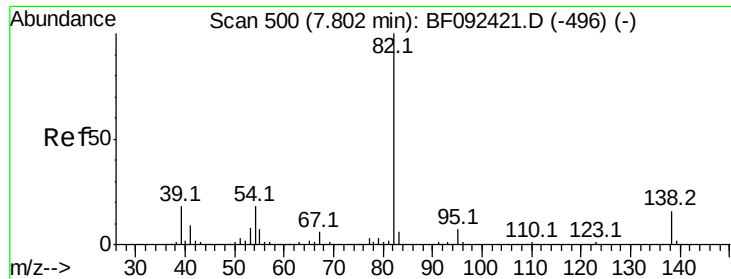


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 123.00 (122.70 to 123.70): B

Ion 65.00 (64.70 to 65.70): BF0





#25

Isophorone

Concen: 61.98 ng

RT: 7.81 min Scan# 501

Delta R.T. 0.01 min

Lab File: BF092423.D

Acq: 24 Jan 2017 12:32

Instrument :

BNA_F

ClientSampleId :

SSTDIC060

Tot Ion: 82 Resp: 1388823

Ion Ratio Lower Upper

82 100

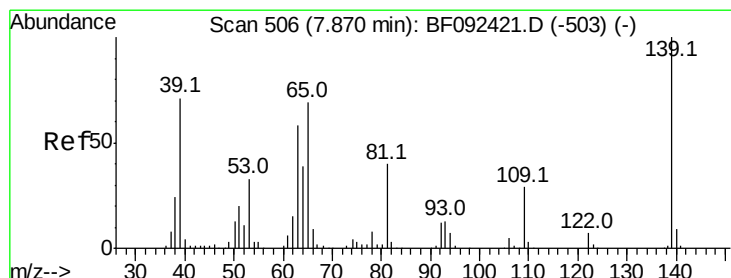
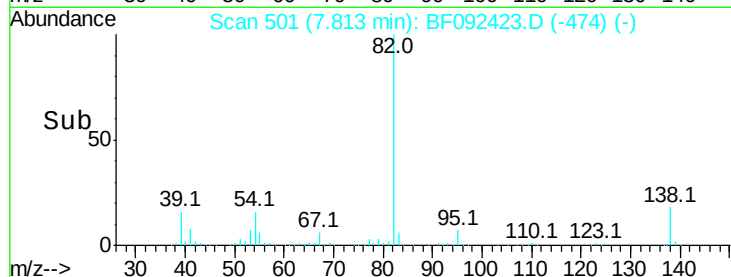
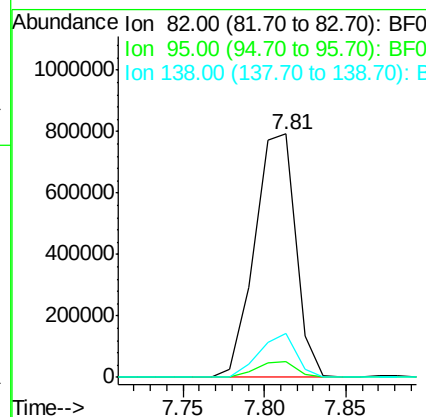
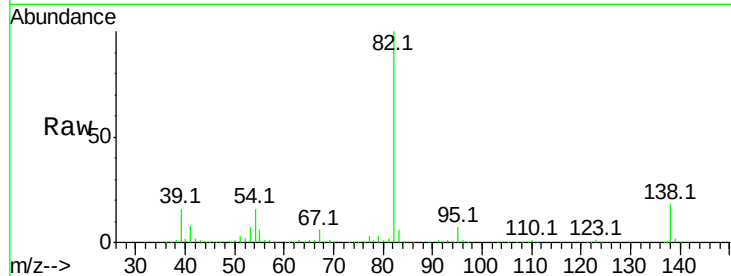
95 6.6 5.6 8.4

138 18.0 14.6 22.0

Manual Integrations
APPROVED

mohammad

1/25/2017 3:49:17 PM



#26

2-Nitrophenol

Concen: 55.56 ng

RT: 7.88 min Scan# 507

Delta R.T. 0.01 min

Lab File: BF092423.D

Acq: 24 Jan 2017 12:32

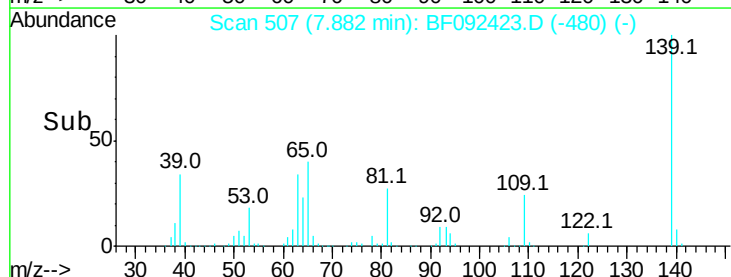
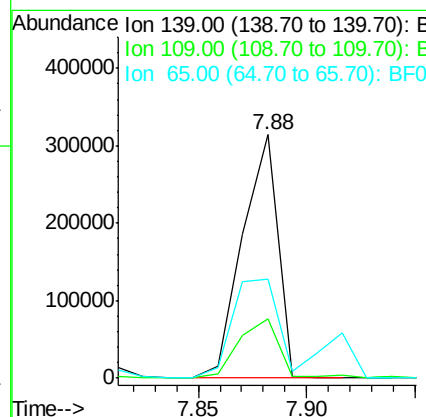
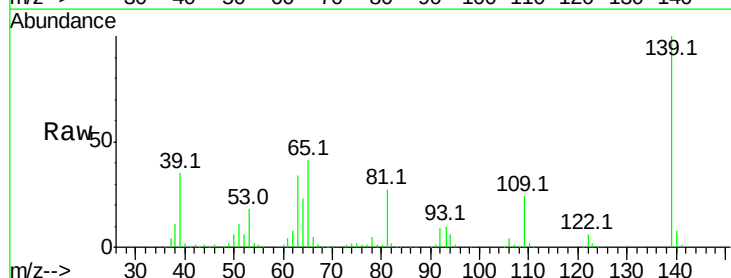
Tgt Ion: 139 Resp: 354423

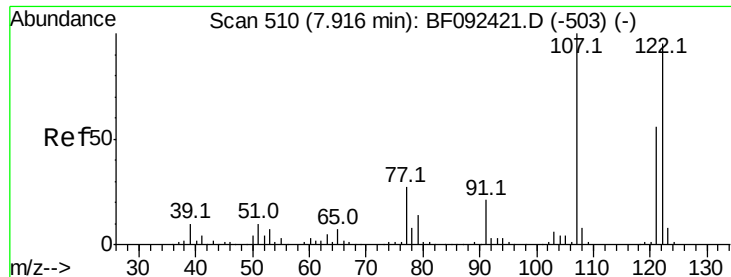
Ion Ratio Lower Upper

139 100

109 24.3 23.3 34.9

65 40.9 42.7 64.1#





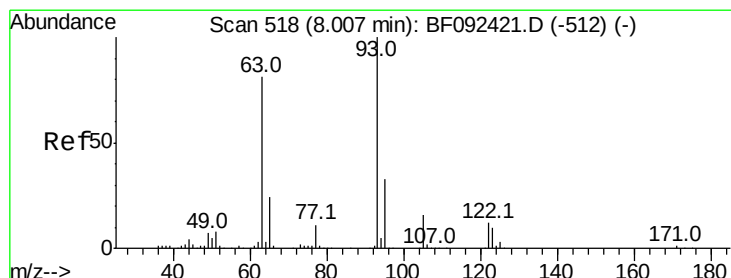
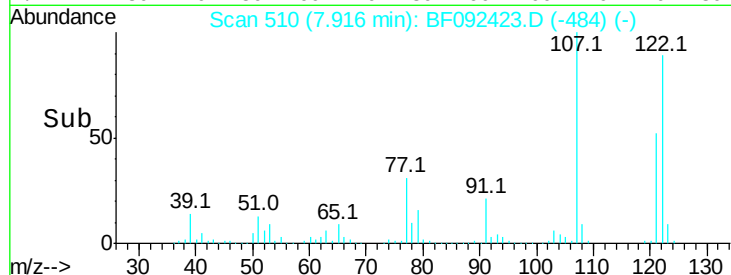
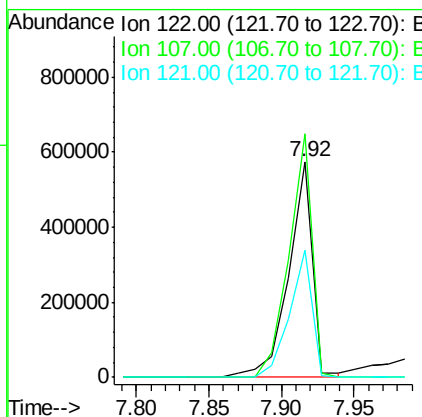
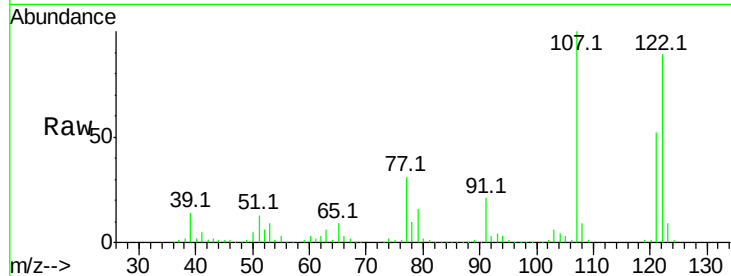
#27
 2,4-Dimethylphenol
 Concen: 61.58 ng
 RT: 7.92 min Scan# 510
 Delta R.T. 0.00 min
 Lab File: BF092423.D
 Acq: 24 Jan 2017 12:32

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC060

Tot Ion	Ratio	Resp	Lower	Upper
122	100	651516		
107	113.0		94.1	141.1
121	58.8		46.0	69.0

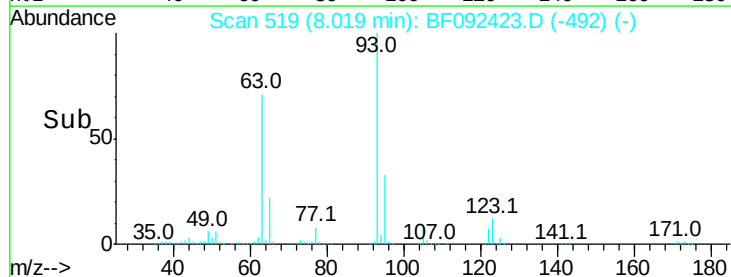
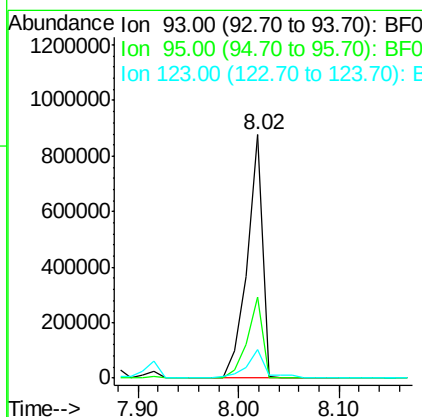
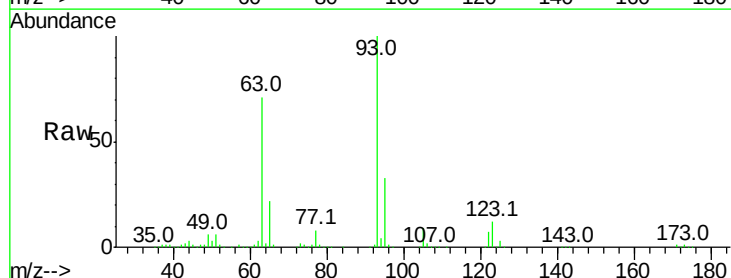
Manual Integrations
 APPROVED

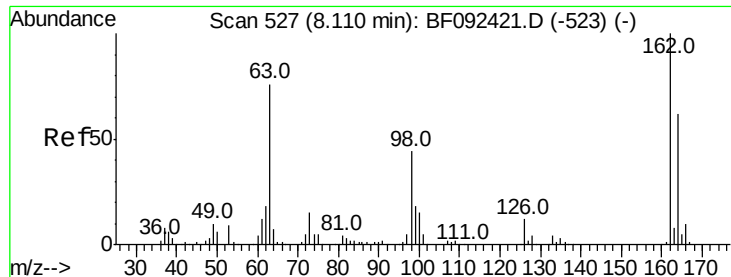
mohammad
 1/25/2017 3:49:17 PM



#28
 bis(2-Chloroethoxy)methane
 Concen: 68.23 ng
 RT: 8.02 min Scan# 519
 Delta R.T. 0.01 min
 Lab File: BF092423.D
 Acq: 24 Jan 2017 12:32

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	927104		
95	33.3		26.5	39.7
123	11.6		8.6	13.0





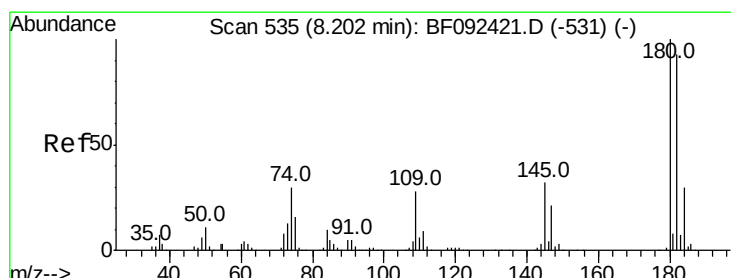
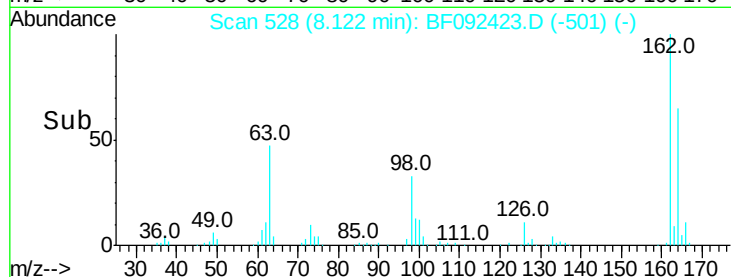
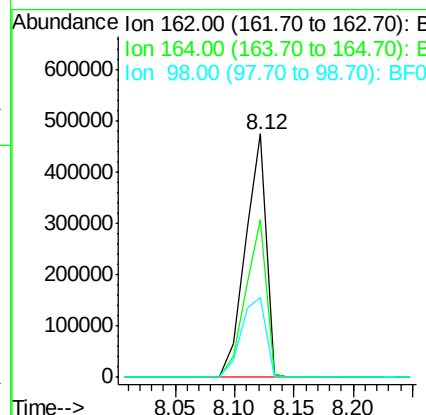
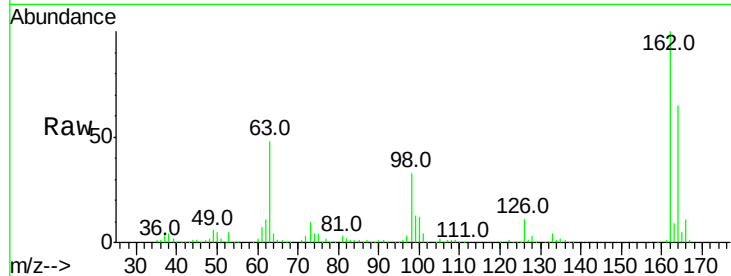
#29
2,4-Dichlorophenol
Concen: 64.59 ng
RT: 8.12 min Scan# 528
Delta R.T. 0.01 min
Lab File: BF092423.D
Acq: 24 Jan 2017 12:32

Instrument :
BNA_F
ClientSampleId :
SSTDIC060

Tot Ion	Ratio	Resp	Lower	Upper
162	100	578704		
164	65.0		46.8	86.8
98	32.9		9.1	49.1

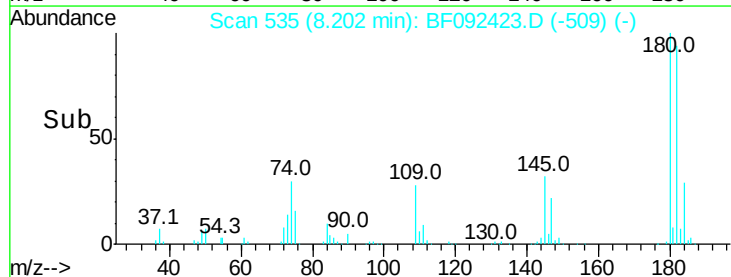
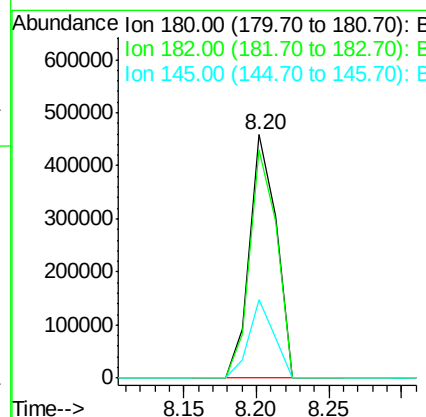
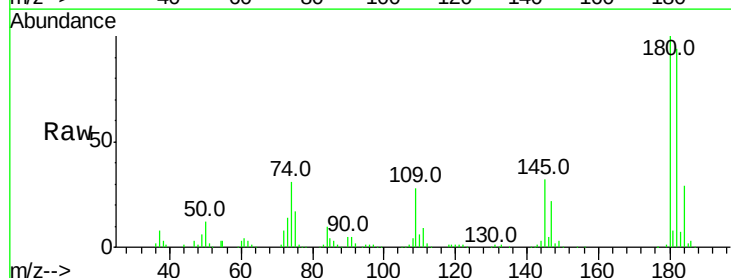
Manual Integrations
APPROVED

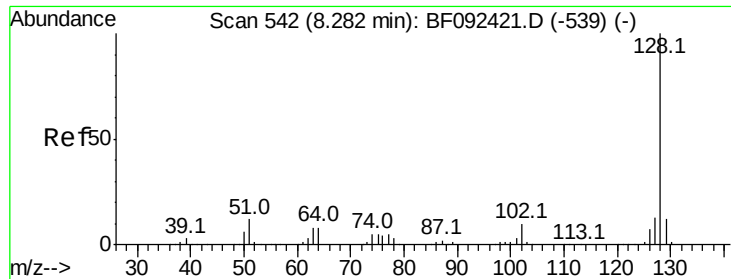
mohammad
1/25/2017 3:49:17 PM



#30
1,2,4-Trichlorobenzene
Concen: 59.87 ng
RT: 8.20 min Scan# 535
Delta R.T. 0.00 min
Lab File: BF092423.D
Acq: 24 Jan 2017 12:32

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	587786		
182	93.7		78.2	117.4
145	32.2		21.6	32.4





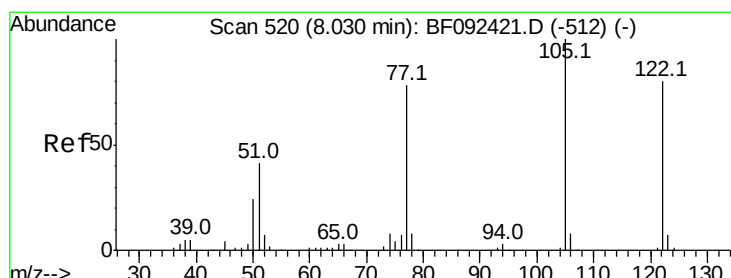
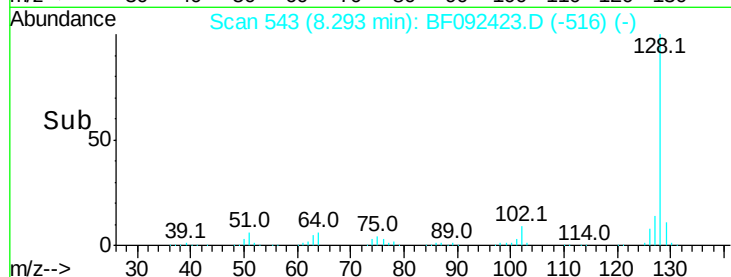
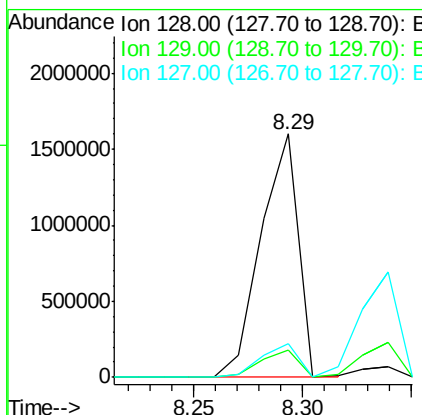
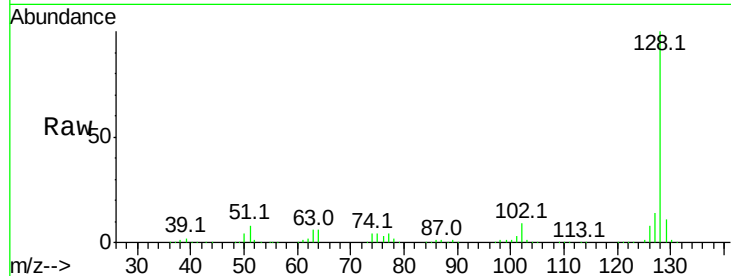
#31
Naphthalene
Concen: 62.36 ng
RT: 8.29 min Scan# 543
Delta R.T. 0.01 min
Lab File: BF092423.D
Acq: 24 Jan 2017 12:32

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tot Ion:128 Resp: 1927322
Ion Ratio Lower Upper
128 100
129 11.2 9.5 14.3
127 13.9 10.8 16.2

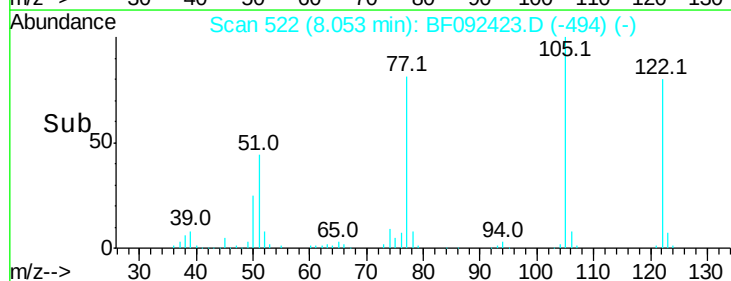
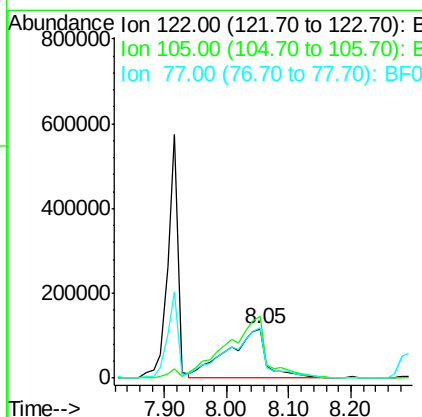
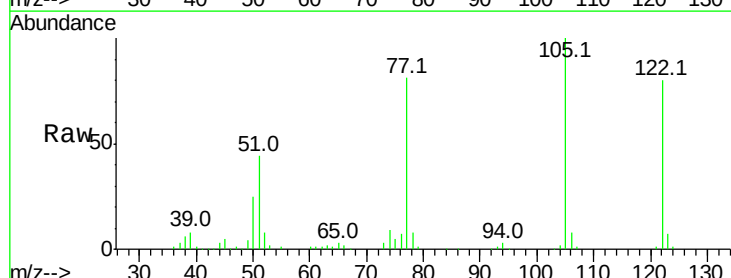
Manual Integrations
APPROVED

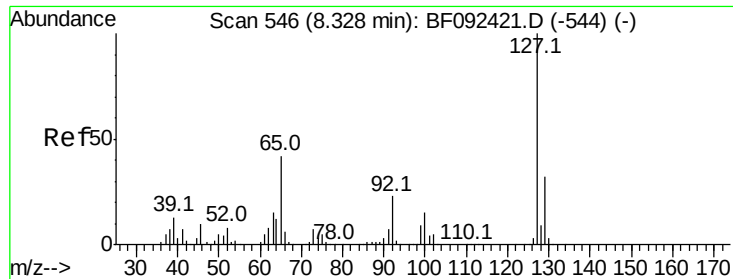
mohammad
1/25/2017 3:49:17 PM



#32
Benzoic acid
Concen: 64.72 ng
RT: 8.05 min Scan# 522
Delta R.T. 0.02 min
Lab File: BF092423.D
Acq: 24 Jan 2017 12:32

Tgt Ion:122 Resp: 507919
Ion Ratio Lower Upper
122 100
105 125.5 107.2 147.2
77 101.3 74.5 114.5





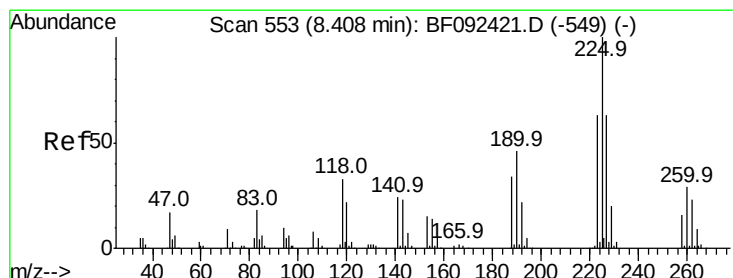
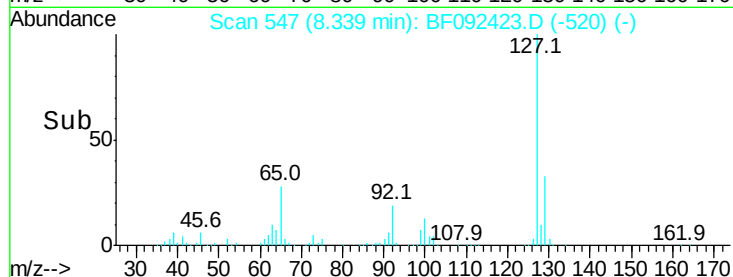
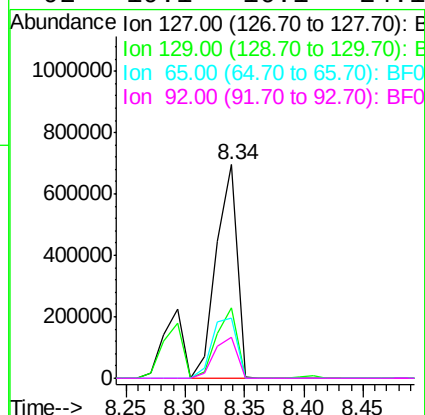
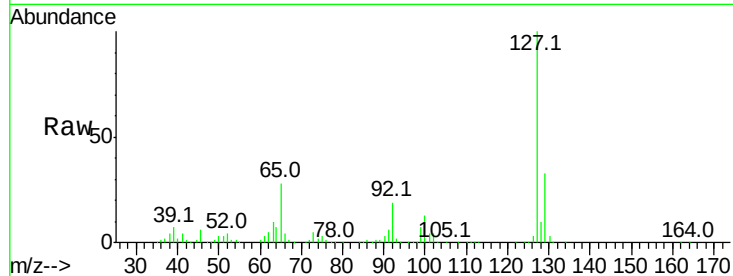
#33
4-Chloroaniline
Concen: 60.12 ng
RT: 8.34 min Scan# 547
Delta R.T. 0.01 min
Lab File: BF092423.D
Acq: 24 Jan 2017 12:32

Instrument :
BNA_F
ClientSampled :
SSTDICC060

Tot Ion	Ratio	Lower	Upper
127	100		
129	33.1	26.3	39.5
65	28.3	25.8	38.8
92	19.1	16.1	24.1

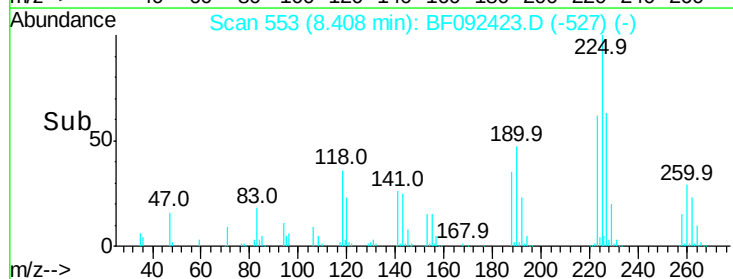
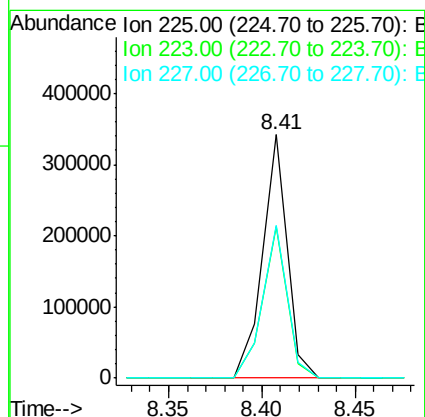
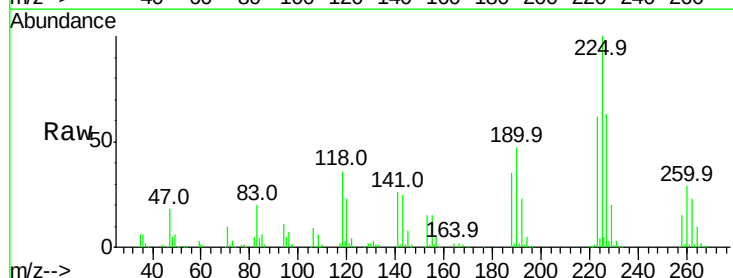
Manual Integrations
APPROVED

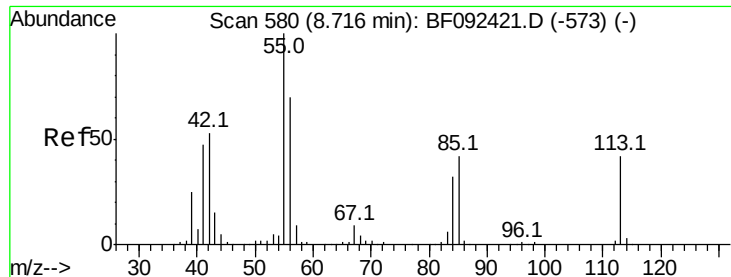
mohammad
1/25/2017 3:49:17 PM



#34
Hexachlorobutadiene
Concen: 59.83 ng
RT: 8.41 min Scan# 553
Delta R.T. 0.00 min
Lab File: BF092423.D
Acq: 24 Jan 2017 12:32

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.2	51.0	76.6
227	62.9	50.6	76.0





#35

Caprolactam

Concen: 66.66 ng/mL

RT: 8.73 min Scan# 581

Delta R.T. 0.01 min

Lab File: BF092423.D

Acq: 24 Jan 2017 12:32

Instrument :

BNA_F

ClientSampleId :

SSTDIC060

Tot Ion:113 Resp: 196263

Ion Ratio Lower Upper

113 100

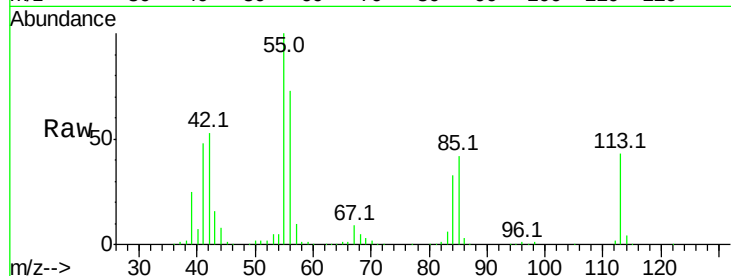
55 235.3 119.2 159.2#

56 170.7 83.8 123.8#

Manual Integrations
APPROVED

mohammad

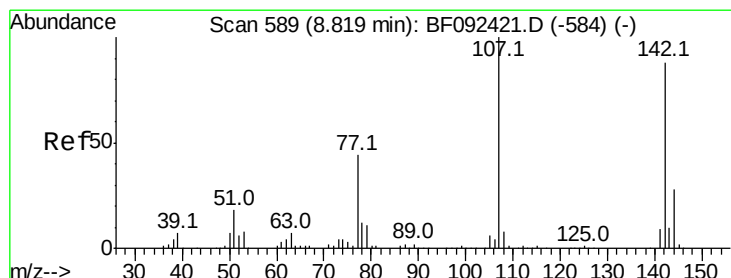
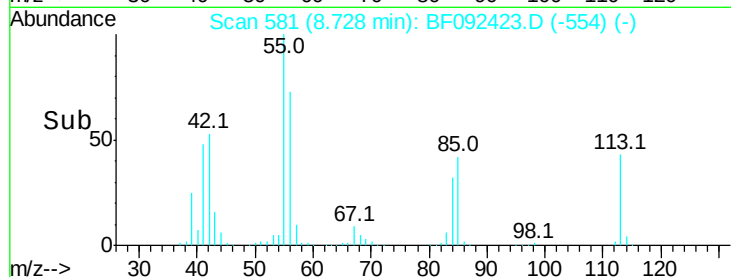
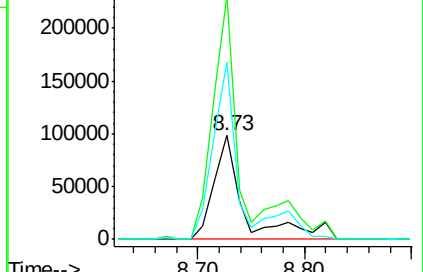
1/25/2017 3:49:17 PM



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 58.59 ng/mL

RT: 8.82 min Scan# 589

Delta R.T. 0.00 min

Lab File: BF092423.D

Acq: 24 Jan 2017 12:32

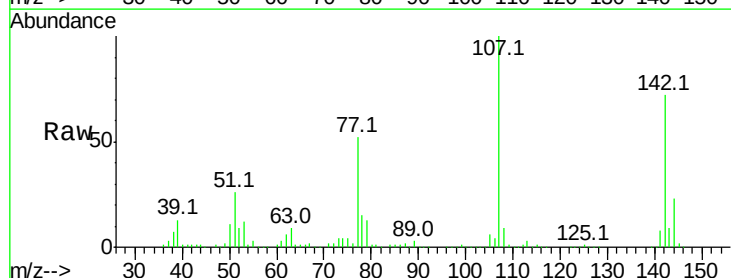
Tgt Ion:107 Resp: 604018

Ion Ratio Lower Upper

107 100

144 23.2 19.3 28.9

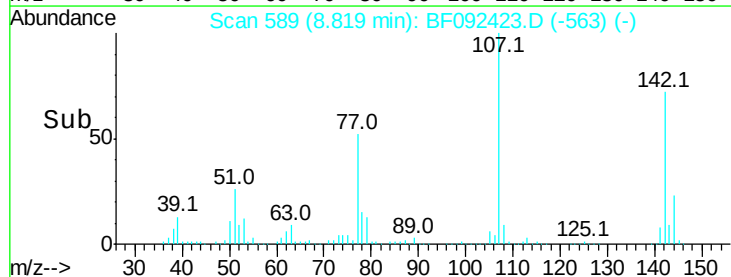
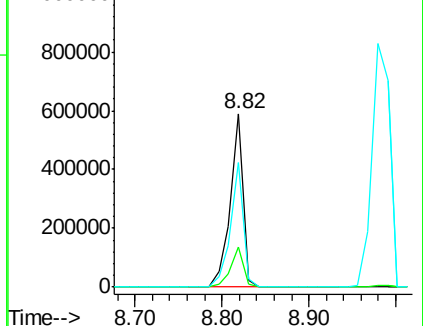
142 71.8 59.0 88.6

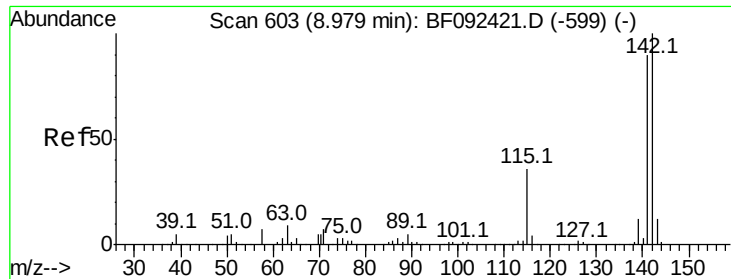


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





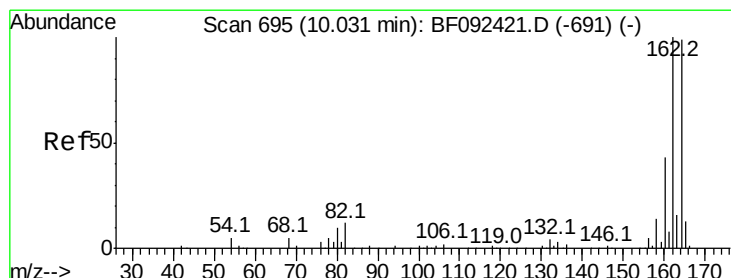
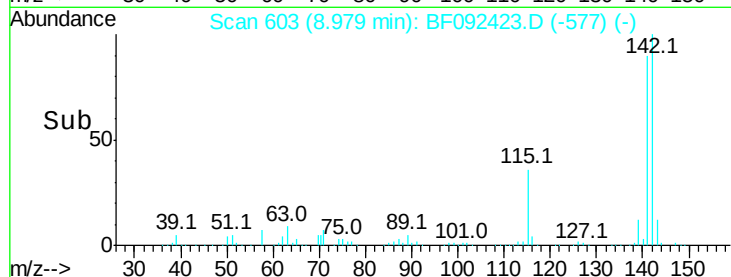
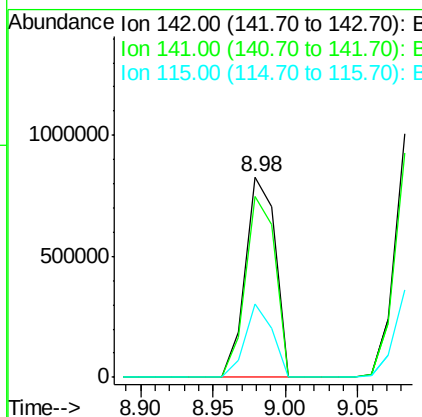
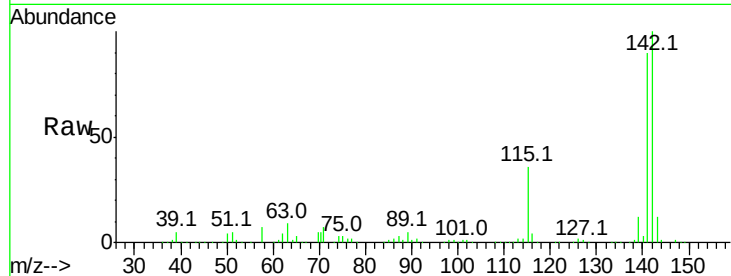
#37
2-Methylnaphthalene
Concen: 55.90 ng
RT: 8.98 min Scan# 603
Delta R.T. 0.00 min
Lab File: BF092423.D
Acq: 24 Jan 2017 12:32

Instrument :
BNA_F
ClientSampled :
SSTDICC060

Tot Ion	Ratio	Lower	Upper
142	100		
141	90.0	71.0	106.6
115	36.5	28.3	42.5

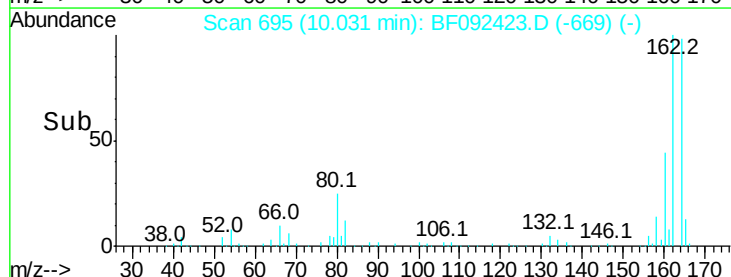
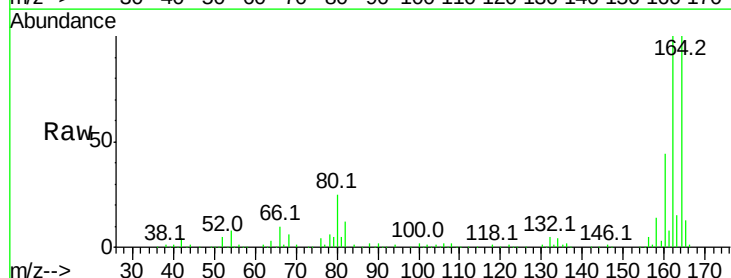
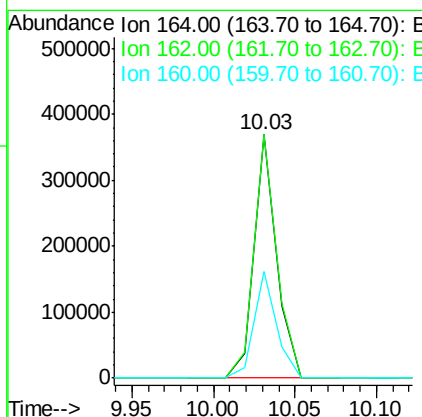
Manual Integrations
APPROVED

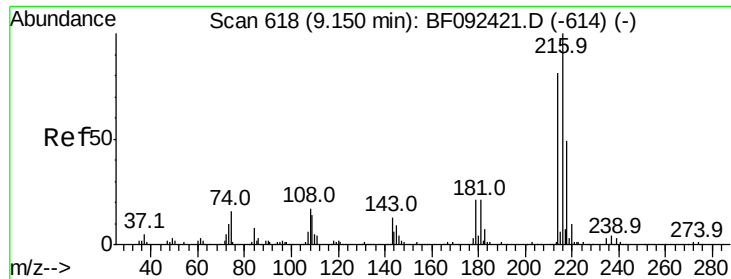
mohammad
1/25/2017 3:49:17 PM



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.03 min Scan# 695
Delta R.T. 0.00 min
Lab File: BF092423.D
Acq: 24 Jan 2017 12:32

Tgt Ion	Ratio	Lower	Upper
164	100		
162	100.2	80.2	120.2
160	44.0	36.9	55.3





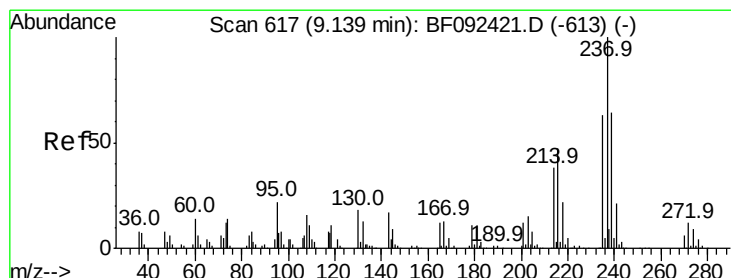
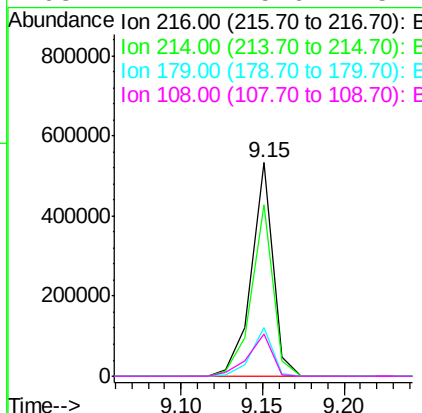
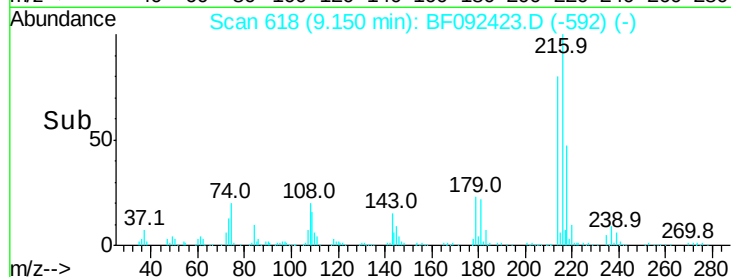
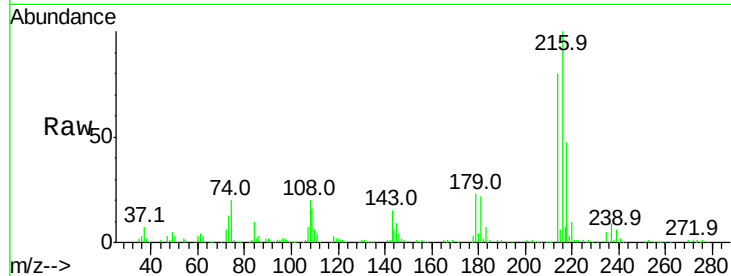
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 55.08 ng
 RT: 9.15 min Scan# 618
 Delta R.T. 0.00 min
 Lab File: BF092423.D
 Acq: 24 Jan 2017 12:32

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC060

Tot Ion	Ratio	Resp	Lower	Upper
216	100	493381		
214	79.8	63.4	95.0	
179	22.5	17.4	26.2	
108	21.7	15.6	23.4	

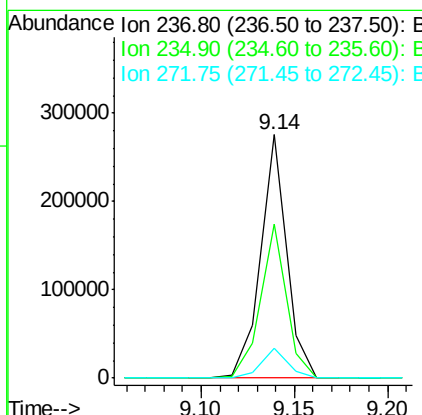
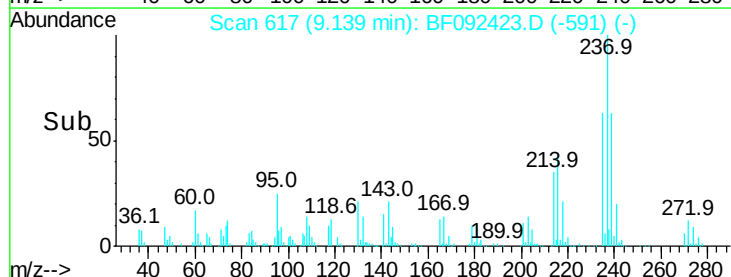
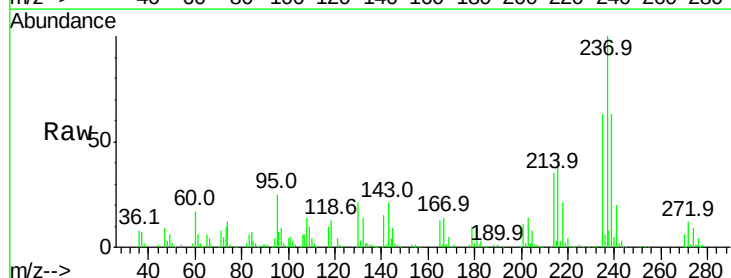
Manual Integrations
 APPROVED

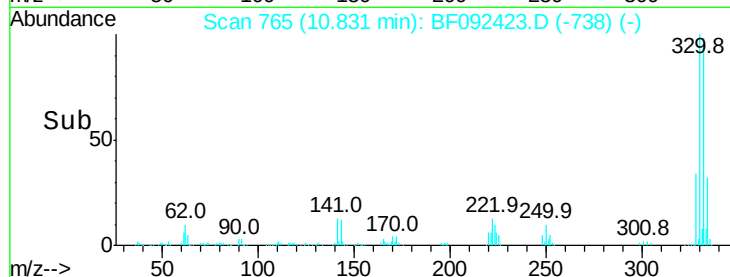
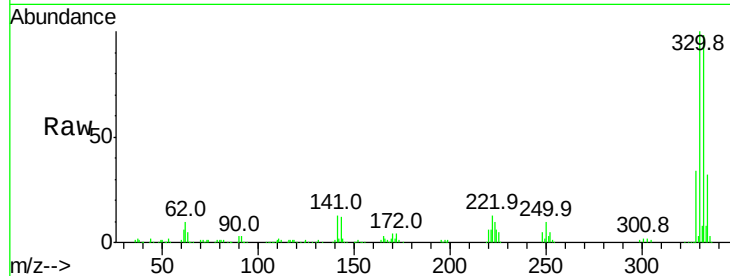
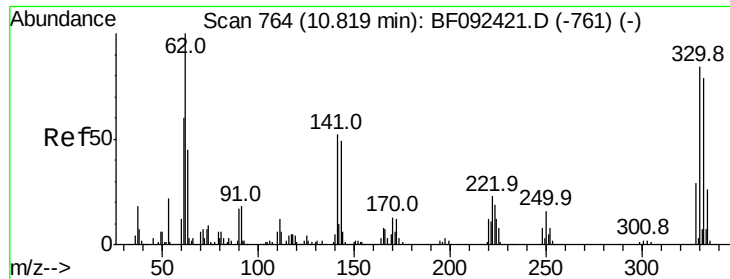
mohammad
 1/25/2017 3:49:17 PM



#40
 Hexachlorocyclopentadiene
 Concen: 75.48 ng
 RT: 9.14 min Scan# 617
 Delta R.T. 0.00 min
 Lab File: BF092423.D
 Acq: 24 Jan 2017 12:32

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	265897		
235	63.1	41.2	81.2	
272	12.1	0.0	35.4	





#41

2,4,6-Tribromophenol

Concen: 100.51 ng

RT: 10.83 min Scan# 765

Delta R.T. 0.01 min

Lab File: BF092423.D

Acq: 24 Jan 2017 12:32

Tot Ion:	330	Resp:	294934
Ion Ratio	Lower	Upper	
330	100		
332	97.8	77.4	116.2
141	35.7	34.1	51.1

Instrument :

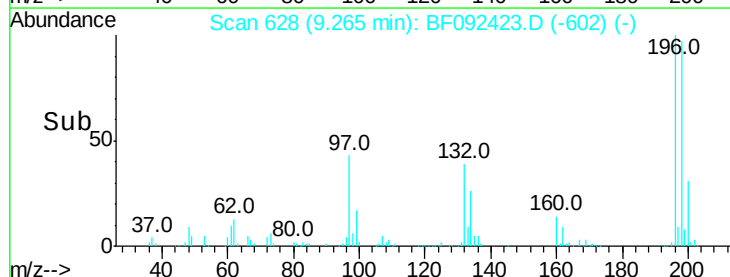
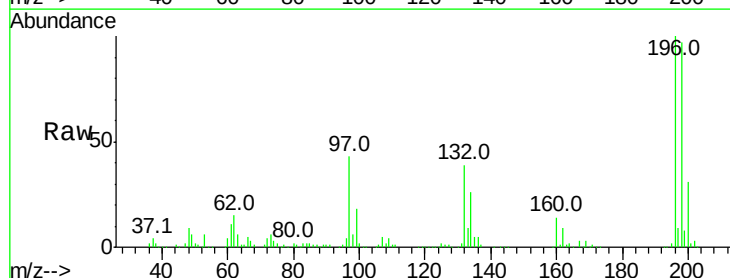
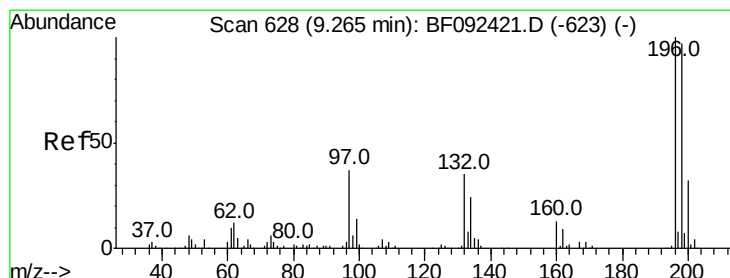
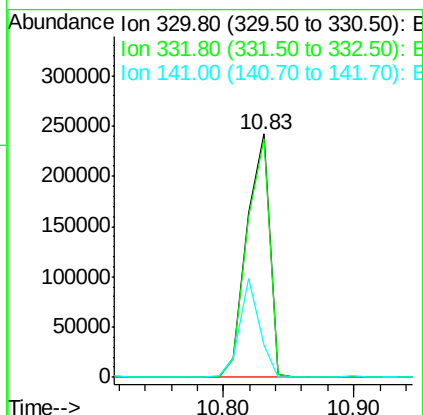
BNA_F

ClientSampleId :

SSTDIC060

Manual Integrations
APPROVED

mohammad
1/25/2017 3:49:17 PM



#42

2,4,6-Trichlorophenol

Concen: 65.31 ng

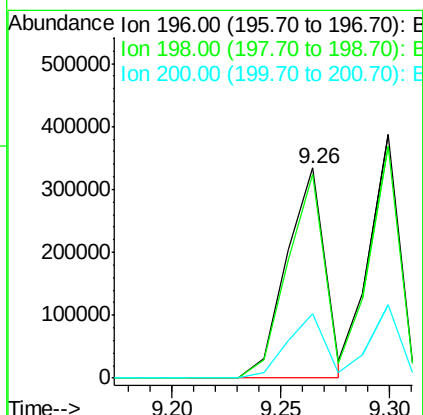
RT: 9.26 min Scan# 628

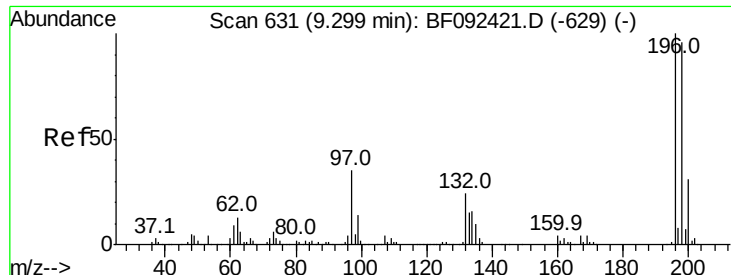
Delta R.T. 0.00 min

Lab File: BF092423.D

Acq: 24 Jan 2017 12:32

Tgt Ion:	196	Resp:	409147
Ion Ratio	Lower	Upper	
196	100		
198	97.1	82.1	123.1
200	30.6	27.0	40.4





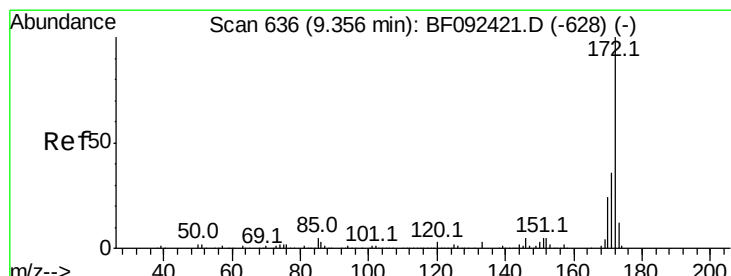
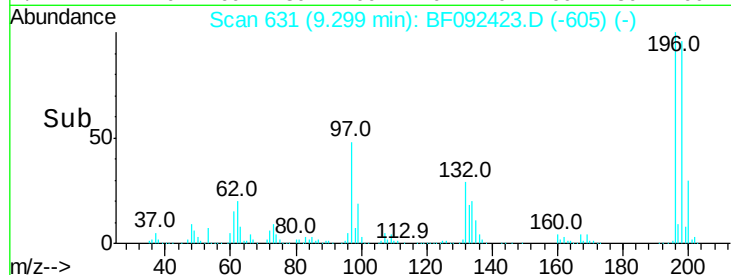
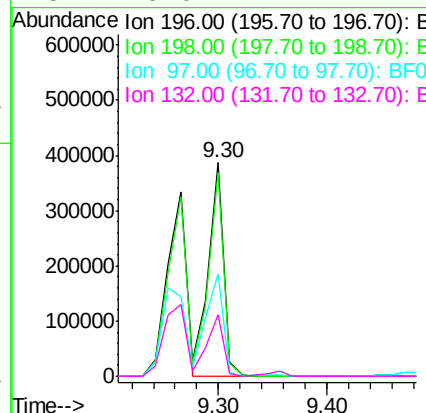
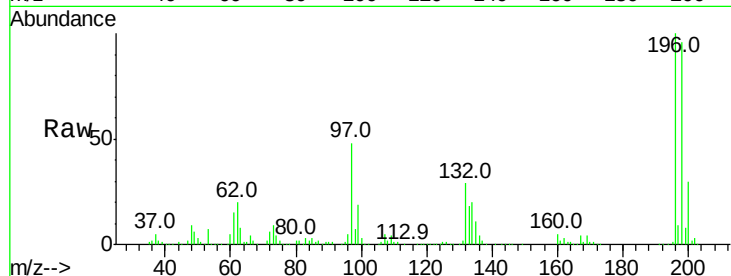
#43
 2,4,5-Trichlorophenol
 Concen: 58.77 ng
 RT: 9.30 min Scan# 631
 Delta R.T. 0.00 min
 Lab File: BF092423.D
 Acq: 24 Jan 2017 12:32

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC060

Tot Ion	Ratio	Resp	Lower	Upper
196	100	378895		
198	95.5	79.4	119.2	
97	48.0	51.5	77.3#	
132	29.0	27.4	41.2	

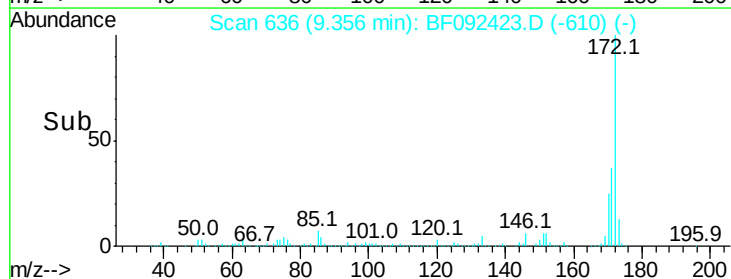
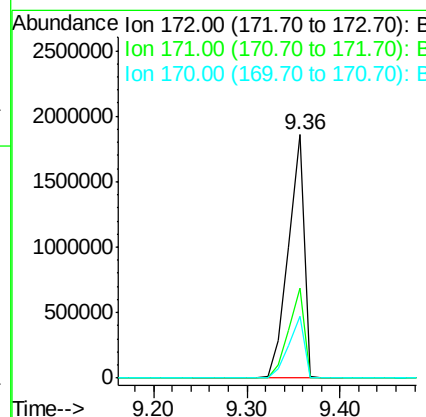
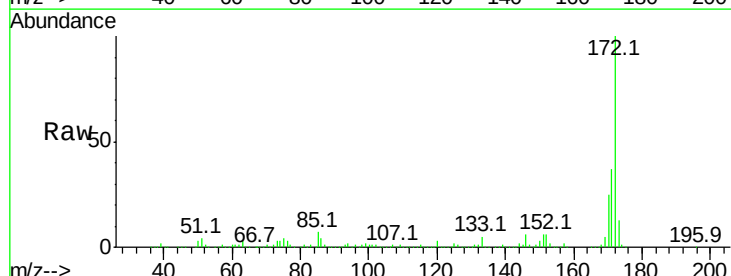
Manual Integrations
 APPROVED

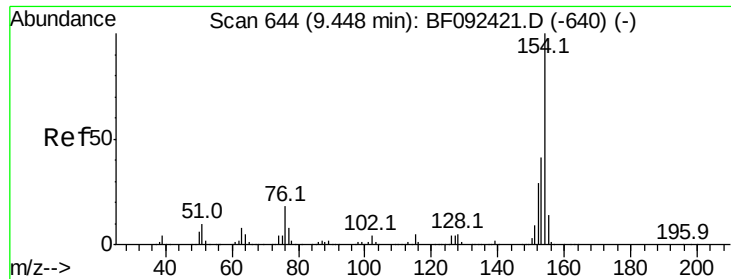
mohammad
 1/25/2017 3:49:17 PM



#44
 2-Fluorobiphenyl
 Concen: 117.96 ng
 RT: 9.36 min Scan# 636
 Delta R.T. 0.00 min
 Lab File: BF092423.D
 Acq: 24 Jan 2017 12:32

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	2178537		
171	37.0	29.4	44.0	
170	25.2	20.2	30.4	





#45

1,1'-Biphenyl

Concen: 59.56 ng

RT: 9.46 min Scan# 645

Delta R.T. 0.01 min

Lab File: BF092423.D

Acq: 24 Jan 2017 12:32

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

Tot Ion:154 Resp: 1445935

Ion Ratio Lower Upper

154 100

153 40.5 20.9 60.9

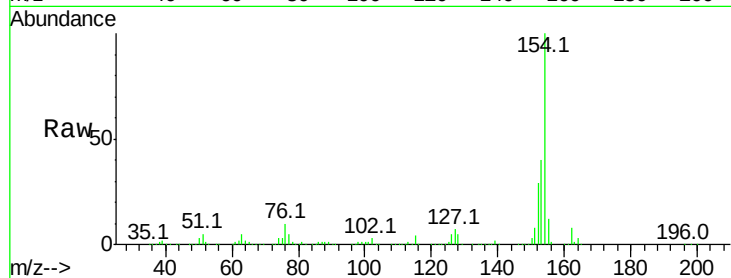
76 10.2 0.0 30.5

Manual Integrations

APPROVED

mohammad

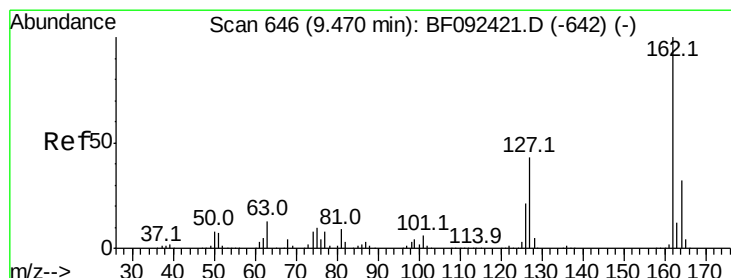
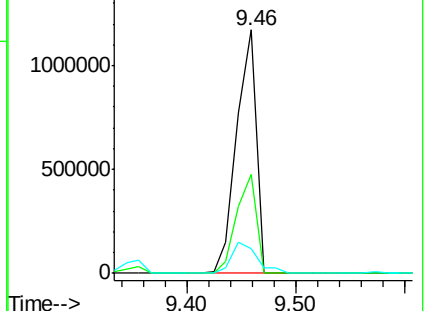
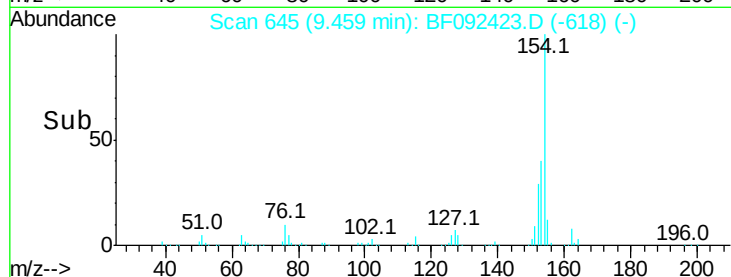
1/25/2017 3:49:17 PM



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0



#46

2-Chloronaphthalene

Concen: 63.58 ng

RT: 9.48 min Scan# 647

Delta R.T. 0.01 min

Lab File: BF092423.D

Acq: 24 Jan 2017 12:32

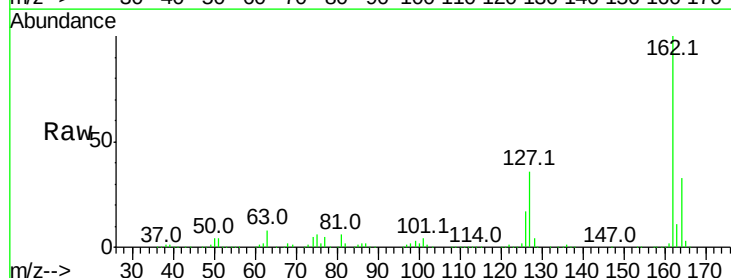
Tgt Ion:162 Resp: 1222377

Ion Ratio Lower Upper

162 100

127 36.2 30.7 46.1

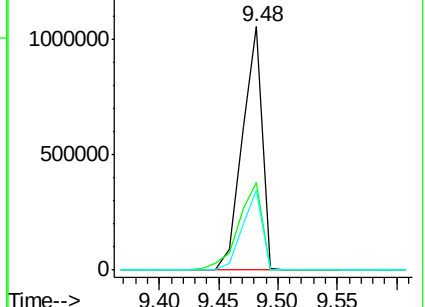
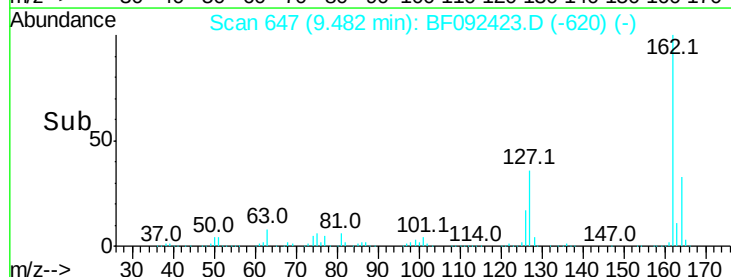
164 33.0 27.6 41.4

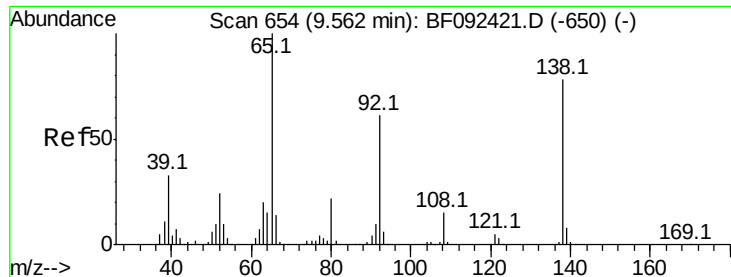


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





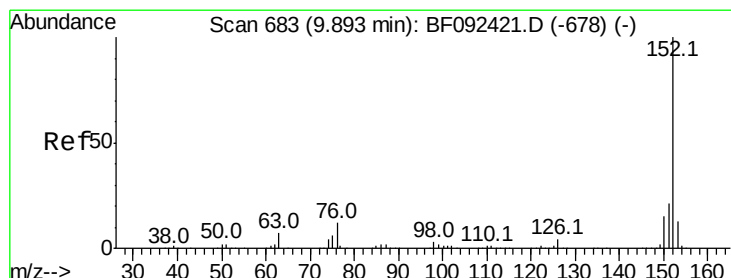
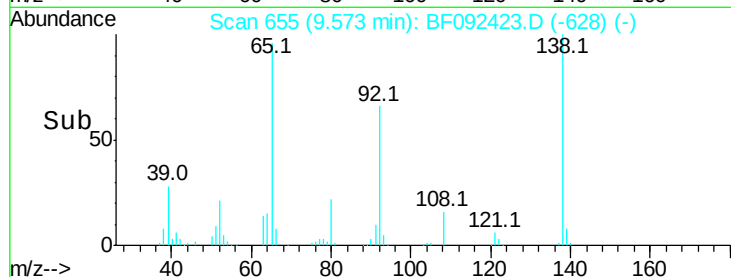
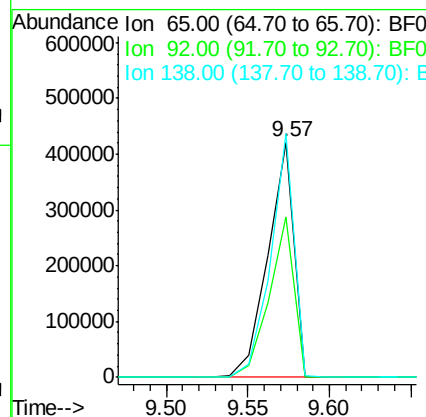
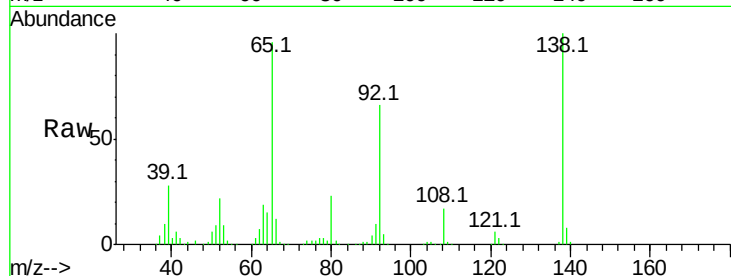
#47
2-Nitroaniline
Concen: 68.51 ng
RT: 9.57 min Scan# 655
Delta R.T. 0.01 min
Lab File: BF092423.D
Acq: 24 Jan 2017 12:32

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tot Ion	Ratio	Lower	Upper
65	100		
92	68.4	53.9	80.9
138	103.7	76.8	115.2

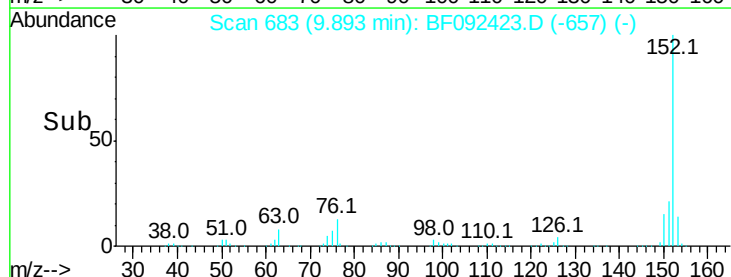
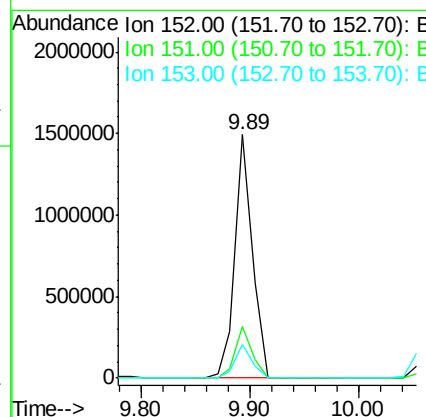
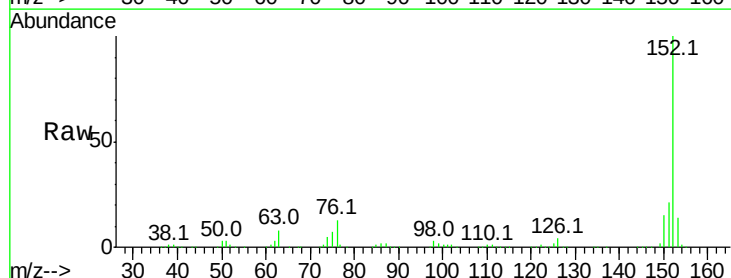
Manual Integrations
APPROVED

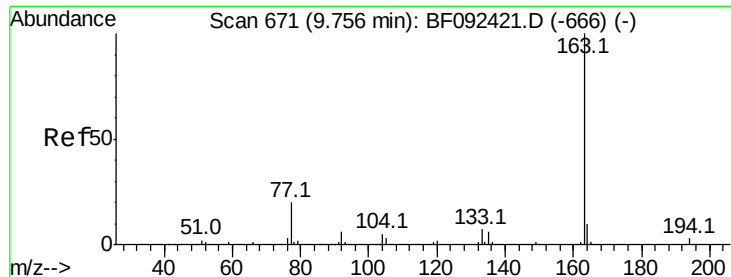
mohammad
1/25/2017 3:49:17 PM



#48
Acenaphthylene
Concen: 55.43 ng
RT: 9.89 min Scan# 683
Delta R.T. 0.00 min
Lab File: BF092423.D
Acq: 24 Jan 2017 12:32

Tgt Ion	Ratio	Lower	Upper
152	100		
151	21.1	16.9	25.3
153	13.8	11.4	17.2





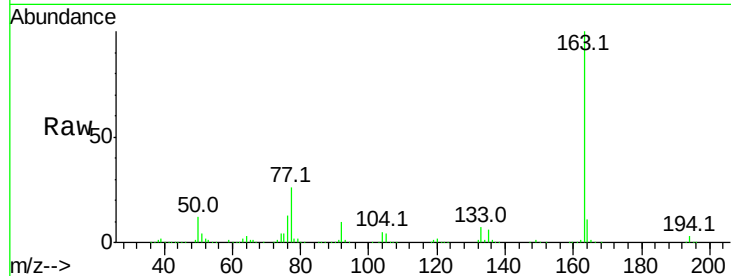
#49
Dimethylphthalate
Concen: 52.46 ng
RT: 9.76 min Scan# 671
Delta R.T. 0.00 min
Lab File: BF092423.D
Acq: 24 Jan 2017 12:32

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

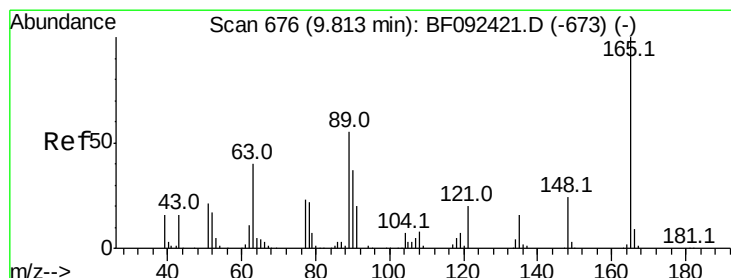
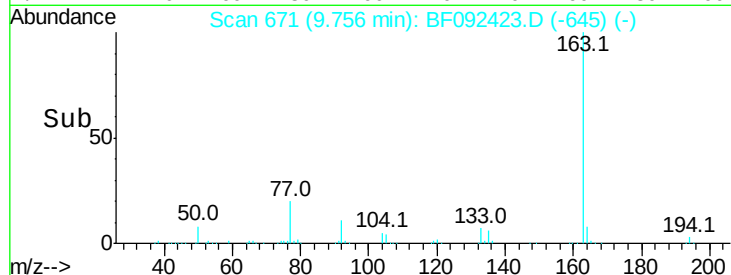
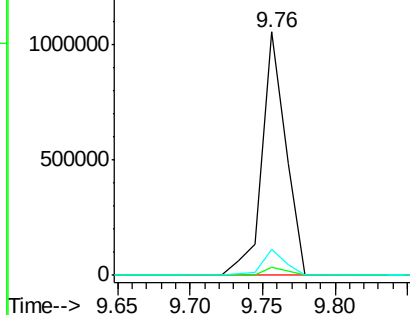
Tot Ion	Ratio	Lower	Upper
163	100		
194	3.2	3.0	4.4
164	10.9	8.0	12.0

Manual Integrations
APPROVED

mohammad
1/25/2017 3:49:17 PM



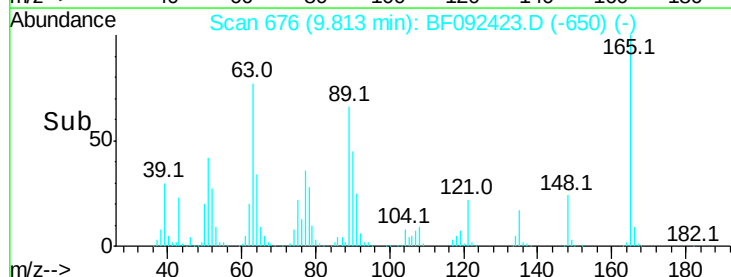
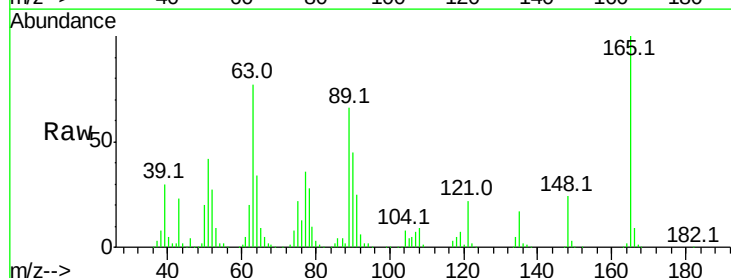
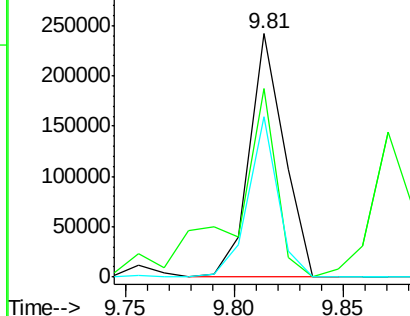
Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

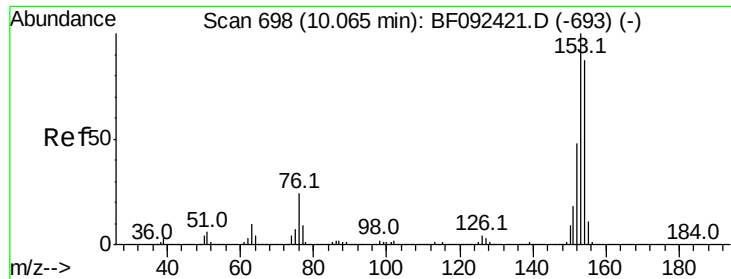


#50
2,6-Dinitrotoluene
Concen: 54.11 ng
RT: 9.81 min Scan# 676
Delta R.T. 0.00 min
Lab File: BF092423.D
Acq: 24 Jan 2017 12:32

Tgt Ion	Ratio	Lower	Upper
165	100		
63	77.4	36.2	54.4#
89	65.8	40.2	60.4#

Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 53.42 ng

RT: 10.06 min Scan# 698

Delta R.T. 0.00 min

Lab File: BF092423.D

Acq: 24 Jan 2017 12:32

Instrument :

BNA_F

ClientSampleId :

SSTDIC060

Tot Ion:154 Resp: 1070753

Ion Ratio Lower Upper

154 100

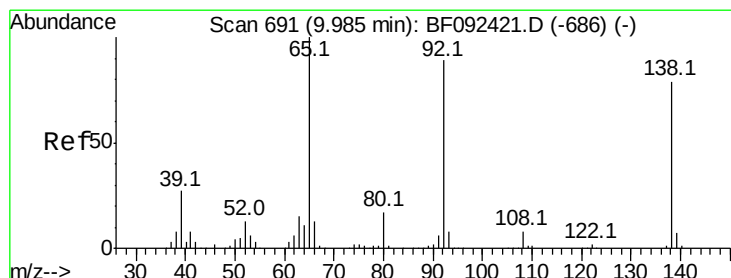
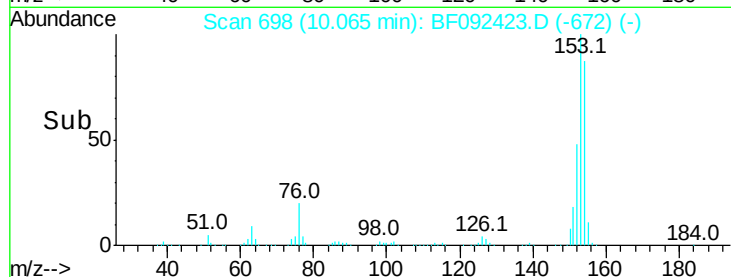
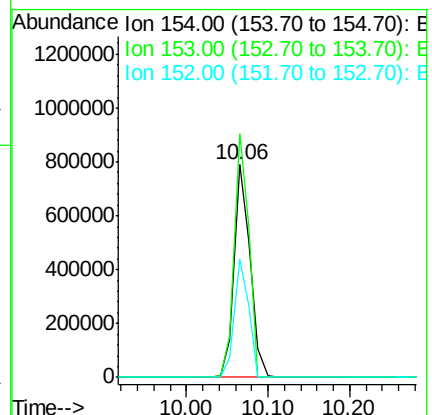
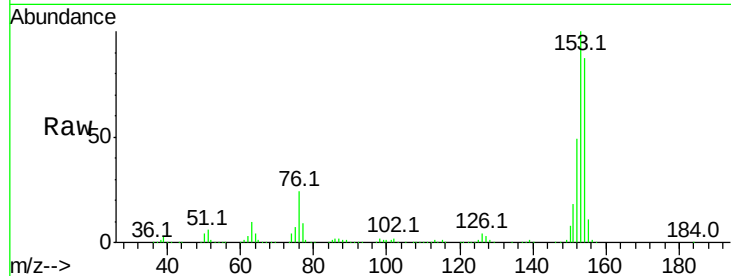
153 114.5 88.6 133.0

152 55.7 41.6 62.4

Manual Integrations
APPROVED

mohammad

1/25/2017 3:49:17 PM



#52

3-Nitroaniline

Concen: 52.26 ng

RT: 9.98 min Scan# 691

Delta R.T. 0.00 min

Lab File: BF092423.D

Acq: 24 Jan 2017 12:32

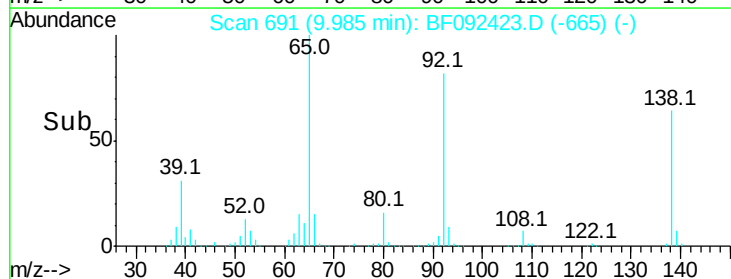
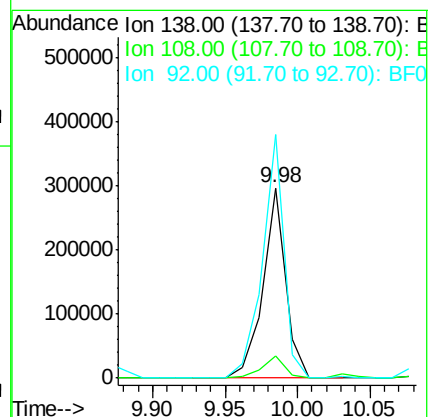
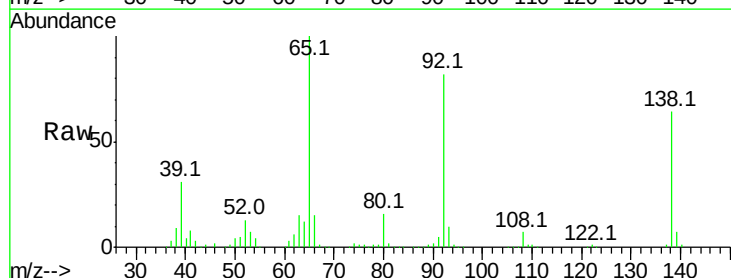
Tgt Ion:138 Resp: 321021

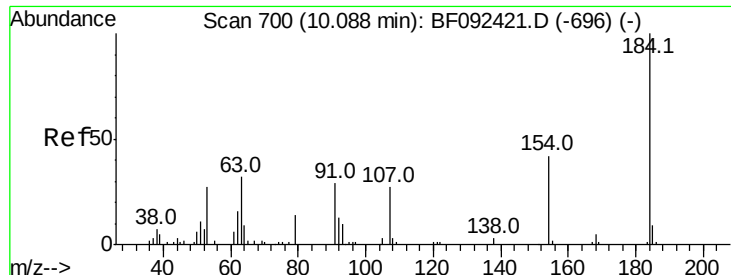
Ion Ratio Lower Upper

138 100

108 11.5 8.5 12.7

92 128.2 97.8 146.8





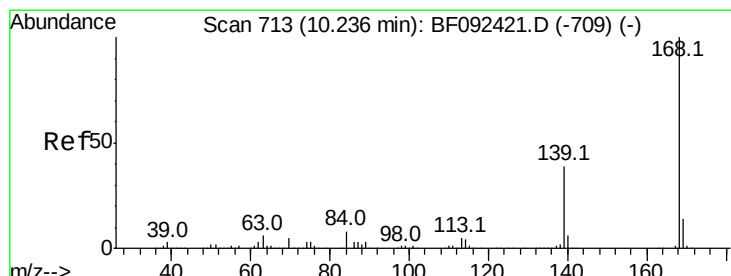
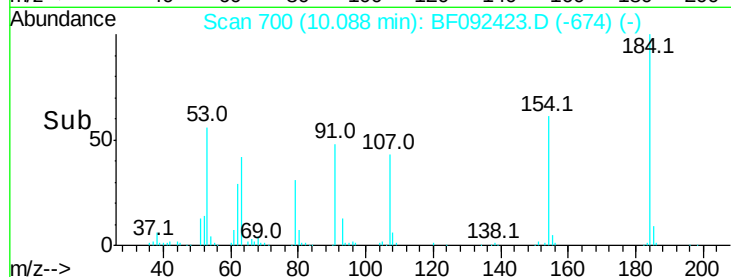
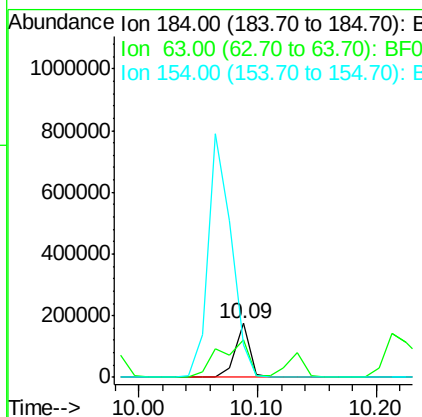
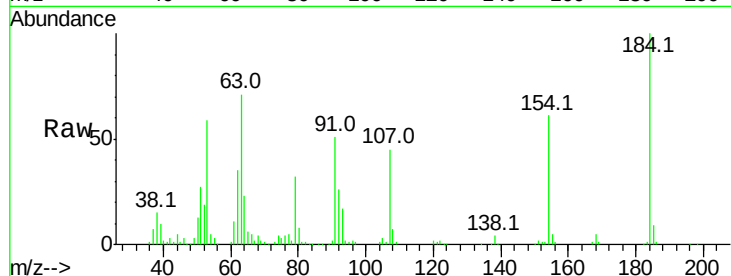
#53
 2,4-Dinitrophenol
 Concen: 54.17 ng
 RT: 10.09 min Scan# 700
 Delta R.T. 0.00 min
 Lab File: BF092423.D
 Acq: 24 Jan 2017 12:32

Instrument :
 BNA_F
 ClientSampleID :
 SSTDICC060

Tot Ion	Ratio	Resp	Lower	Upper
184	100	149614		
63	70.8	28.4	42.6	#
154	61.1	44.3	66.5	

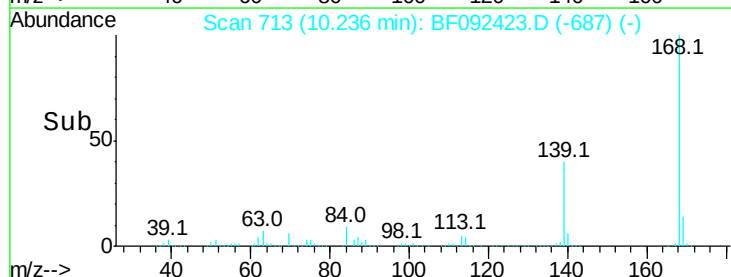
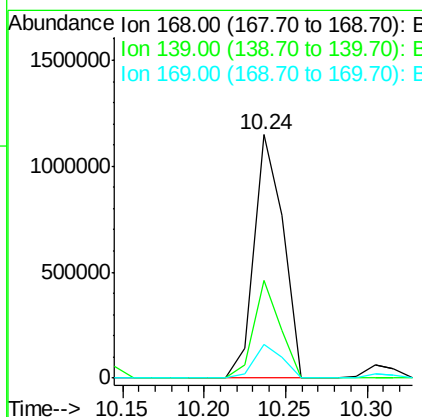
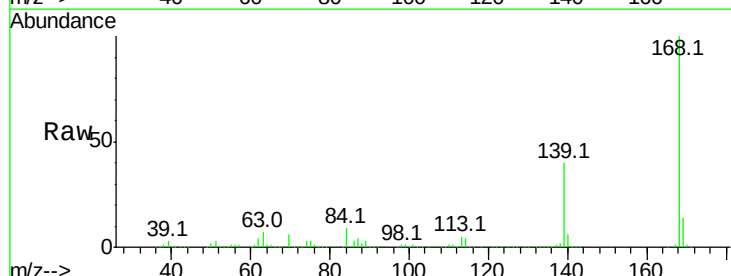
Manual Integrations
 APPROVED

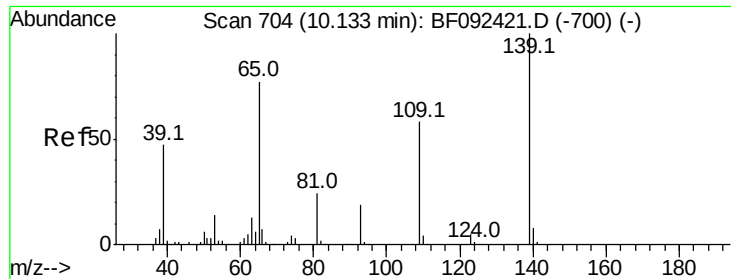
mohammad
 1/25/2017 3:49:17 PM



#54
 Dibenzofuran
 Concen: 52.39 ng
 RT: 10.24 min Scan# 713
 Delta R.T. 0.00 min
 Lab File: BF092423.D
 Acq: 24 Jan 2017 12:32

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	1418368		
139	40.4	32.6	49.0	
169	13.8	11.3	16.9	





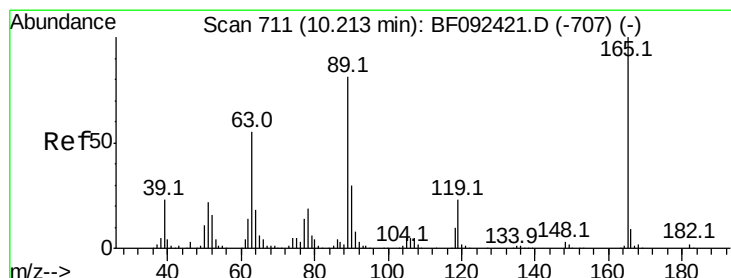
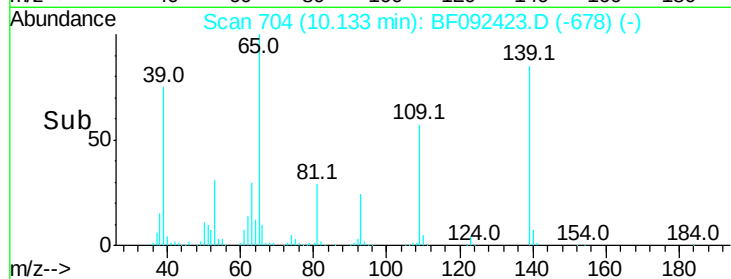
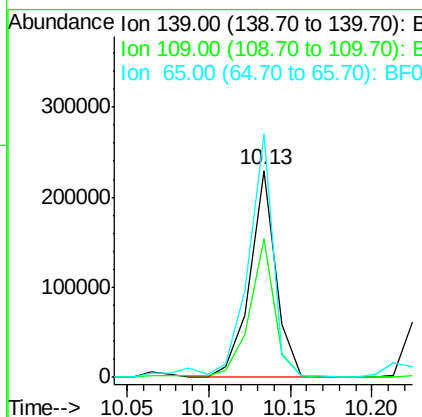
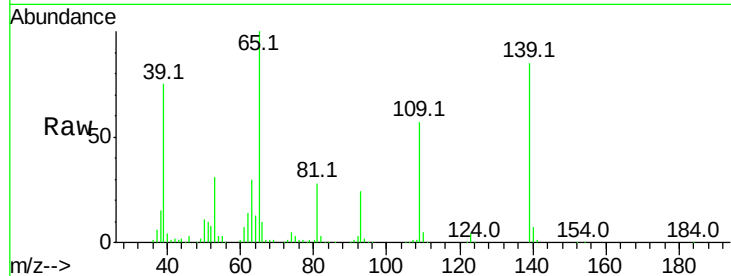
#55
4-Nitrophenol
Concen: 60.73 ng
RT: 10.13 min Scan# 704
Delta R.T. 0.00 min
Lab File: BF092423.D
Acq: 24 Jan 2017 12:32

Instrument :
BNA_F
ClientSampleId :
SSTDIC060

Tot Ion	Ratio	Lower	Upper
139	100		
109	67.2	52.2	92.2
65	117.7	85.8	125.8

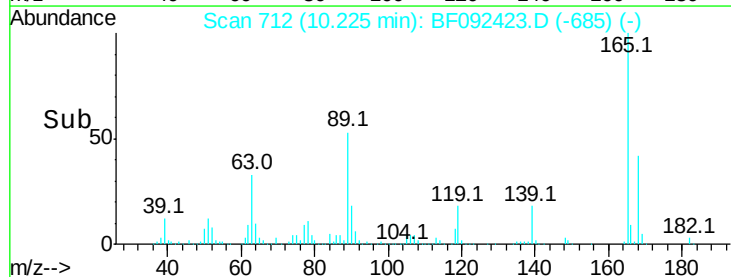
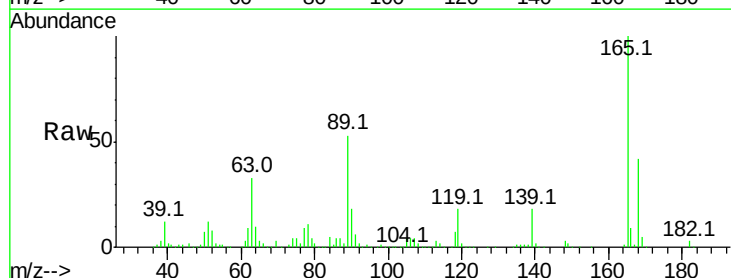
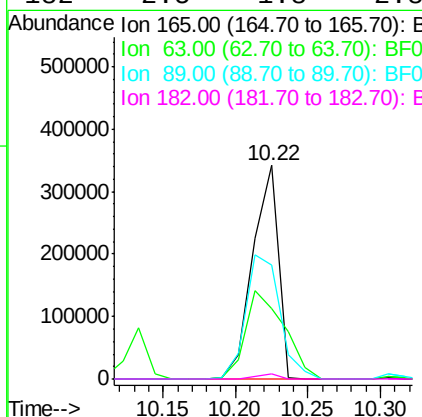
Manual Integrations
APPROVED

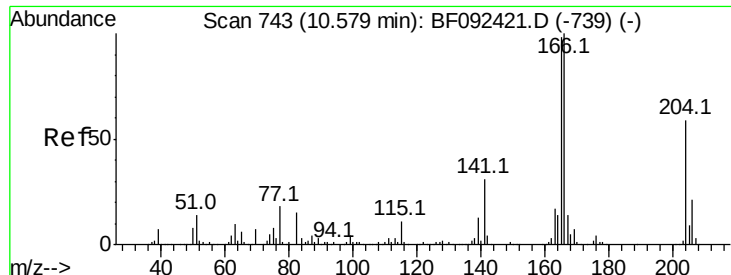
mohammad
1/25/2017 3:49:17 PM



#56
2,4-Dinitrotoluene
Concen: 67.19 ng
RT: 10.22 min Scan# 712
Delta R.T. 0.01 min
Lab File: BF092423.D
Acq: 24 Jan 2017 12:32

Tgt Ion	Ratio	Lower	Upper
165	100		
63	33.1	40.2	60.4#
89	53.4	62.5	93.7#
182	2.5	1.8	2.8





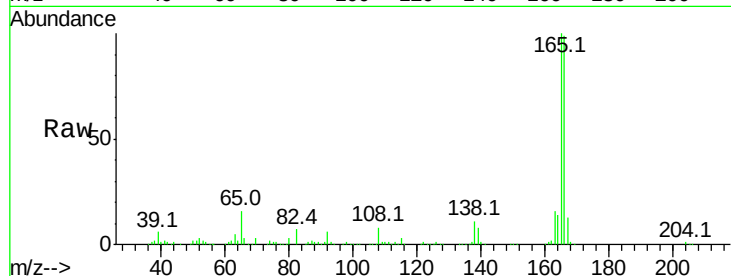
#57
Fluorene
 Concen: 53.16 ng
 RT: 10.59 min Scan# 744
 Delta R.T. 0.01 min
 Lab File: BF092423.D
 Acq: 24 Jan 2017 12:32

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC060

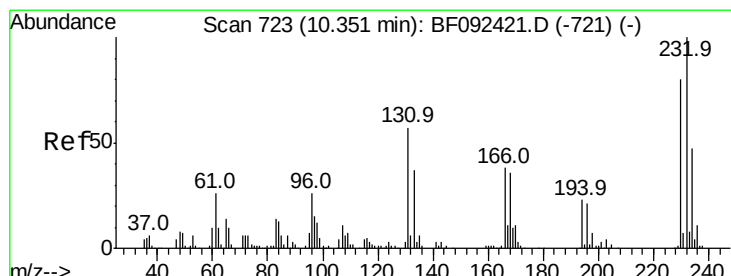
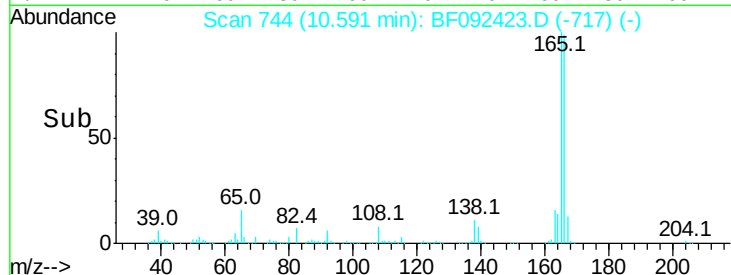
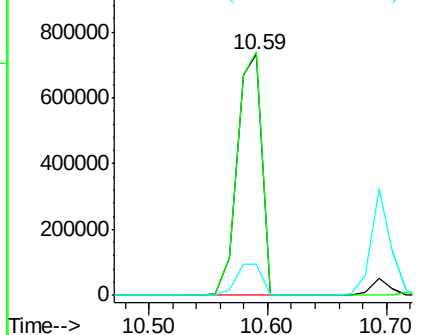
Tot Ion:	166	Resp:	1046993
Ion	Ratio	Lower	Upper
166	100		
165	101.2	77.8	116.8
167	12.7	10.8	16.2

Manual Integrations
 APPROVED

mohammad
 1/25/2017 3:49:17 PM



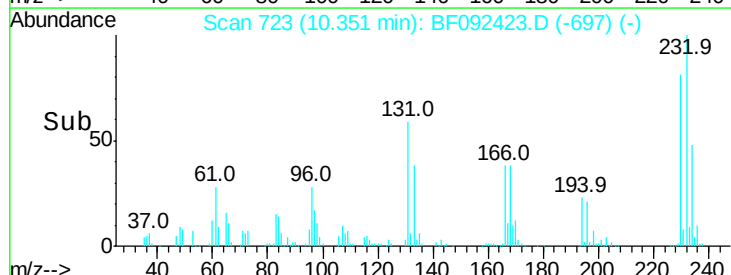
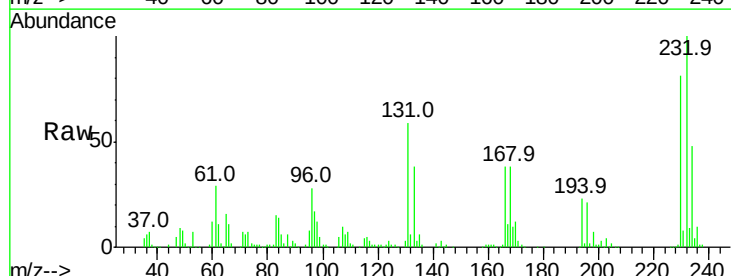
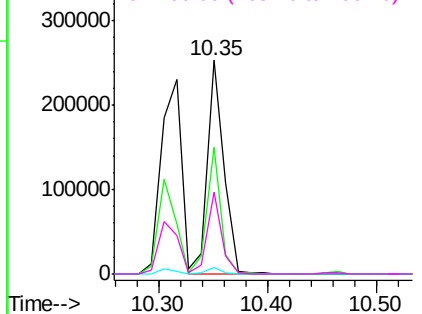
Abundance Ion 166.00 (165.70 to 166.70): E
 Ion 165.00 (164.70 to 165.70): E
 Ion 167.00 (166.70 to 167.70): E

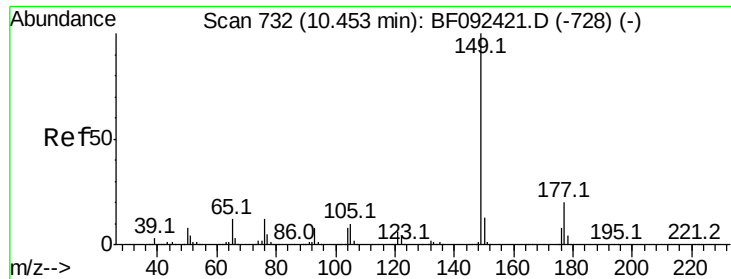


#58
2,3,4,6-Tetrachlorophenol
 Concen: 52.87 ng
 RT: 10.35 min Scan# 723
 Delta R.T. 0.00 min
 Lab File: BF092423.D
 Acq: 24 Jan 2017 12:32

Tgt Ion:	232	Resp:	269602
Ion	Ratio	Lower	Upper
232	100		
131	50.3	40.1	60.1
130	2.6	1.8	2.8
166	33.3	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





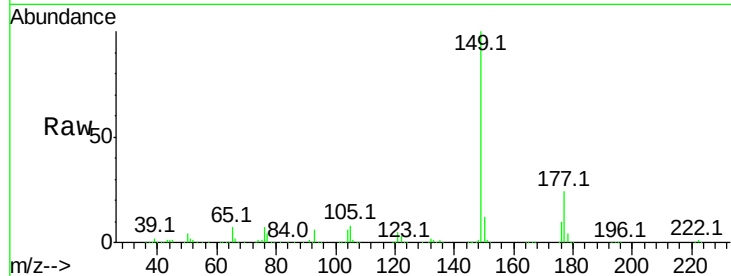
#59
Diethylphthalate
Concen: 59.30 ng
RT: 10.46 min Scan# 733
Delta R.T. 0.01 min
Lab File: BF092423.D
Acq: 24 Jan 2017 12:32

Instrument :
BNA_F
ClientSampled :
SSTDICC060

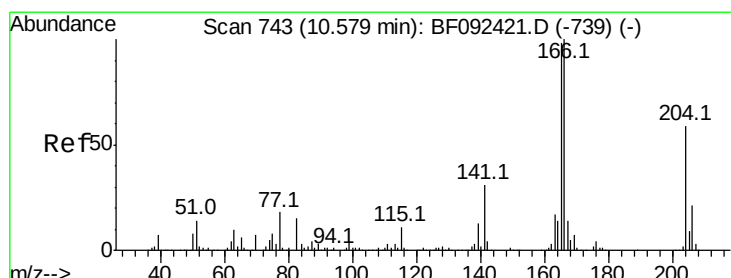
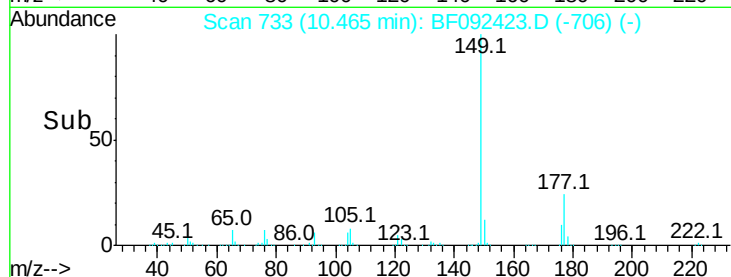
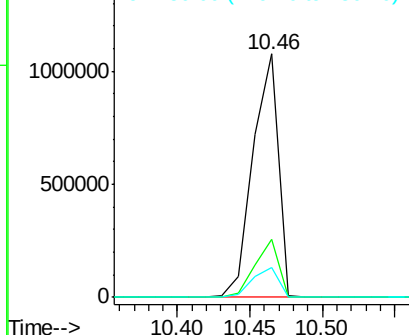
Tot Ion	Ratio	Lower	Upper
149	100		
177	23.9	16.6	25.0
150	12.5	10.4	15.6

Manual Integrations
APPROVED

mohammad
1/25/2017 3:49:17 PM

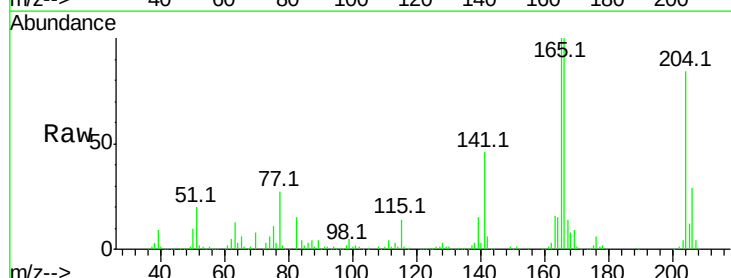


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

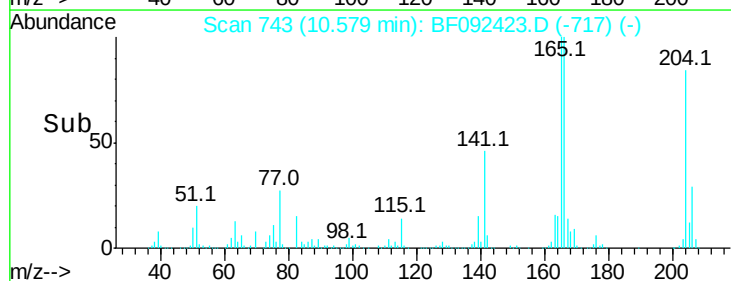
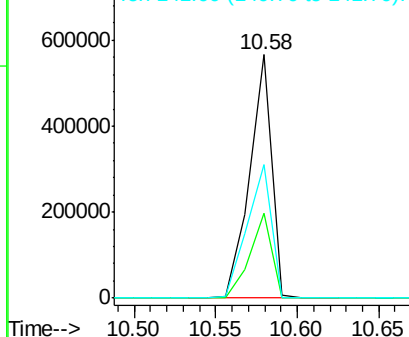


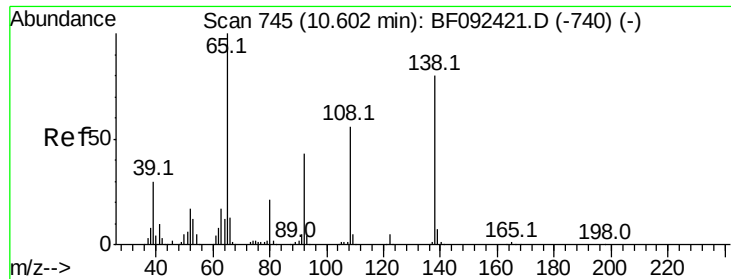
#60
4-Chlorophenyl-phenylether
Concen: 61.30 ng
RT: 10.58 min Scan# 743
Delta R.T. 0.00 min
Lab File: BF092423.D
Acq: 24 Jan 2017 12:32

Tgt Ion	Ratio	Lower	Upper
204	100		
206	34.7	25.8	38.6
141	54.6	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





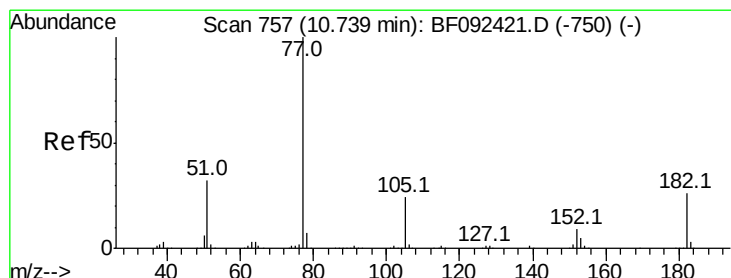
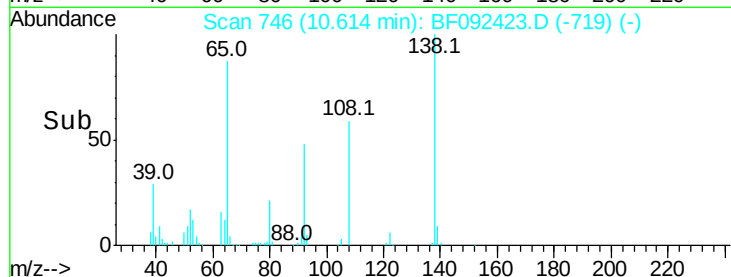
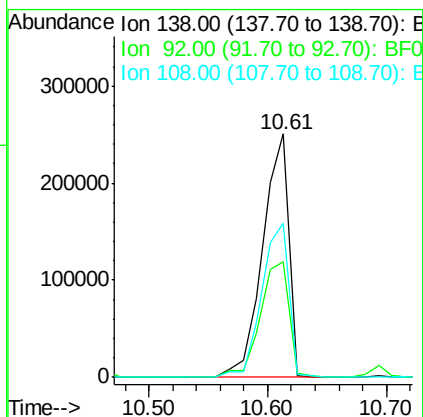
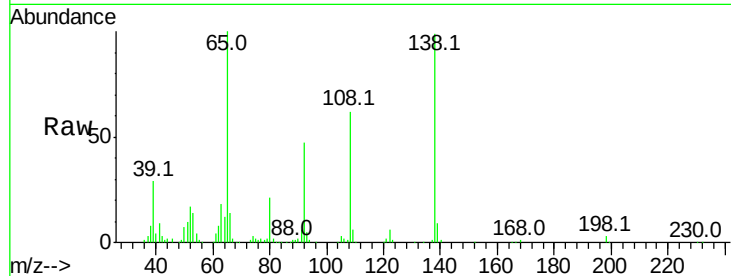
#61
4-Nitroaniline
Concen: 60.46 ng
RT: 10.61 min Scan# 746
Delta R.T. 0.01 min
Lab File: BF092423.D
Acq: 24 Jan 2017 12:32

Instrument :
BNA_F
ClientSampleId :
SSTDIC060

Tot Ion	Ratio	Lower	Upper
138	100		
92	47.7	31.7	71.7
108	63.1	52.6	92.6

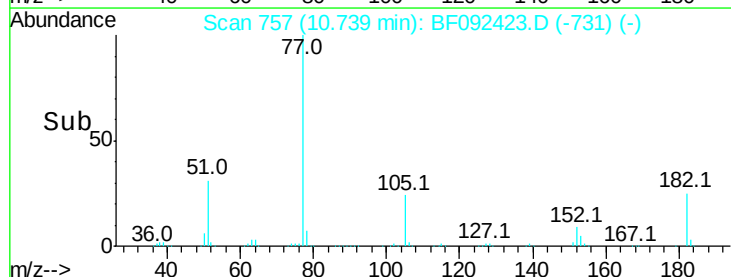
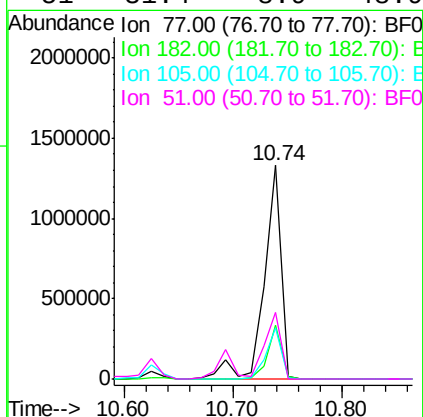
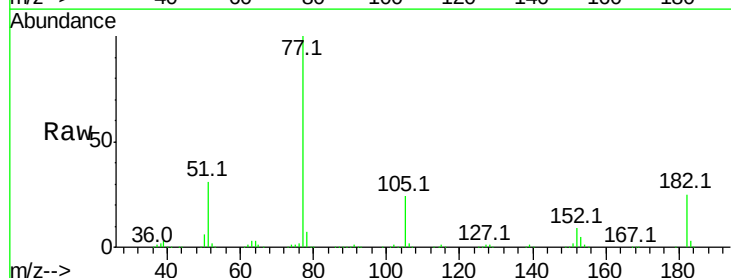
Manual Integrations
APPROVED

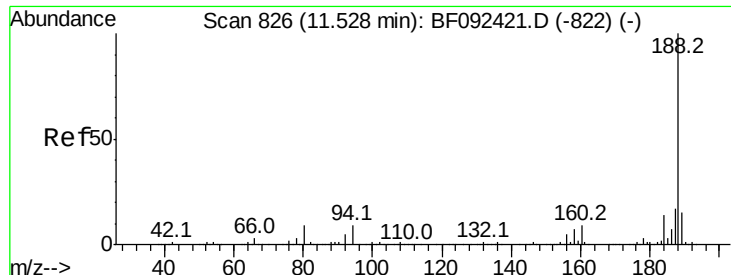
mohammad
1/25/2017 3:49:17 PM



#62
Azobenzene
Concen: 60.43 ng
RT: 10.74 min Scan# 757
Delta R.T. 0.00 min
Lab File: BF092423.D
Acq: 24 Jan 2017 12:32

Tgt Ion	Ratio	Lower	Upper
77	100		
182	24.9	0.0	39.3
105	24.1	2.3	42.3
51	31.4	8.9	48.9





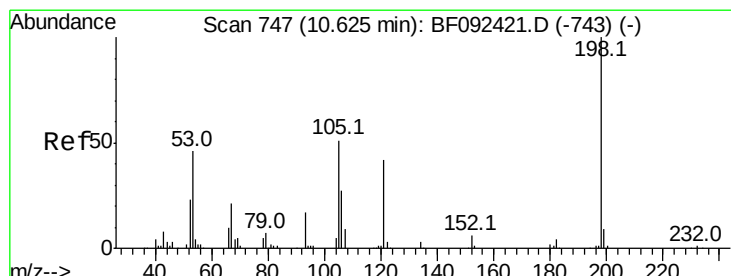
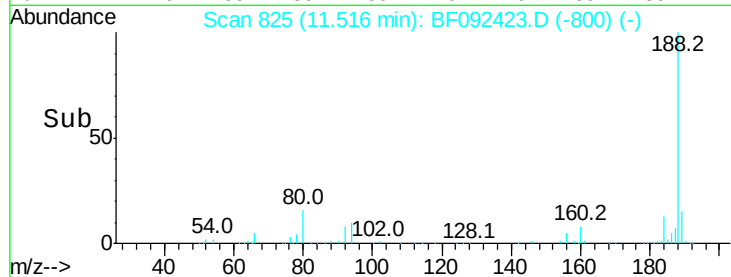
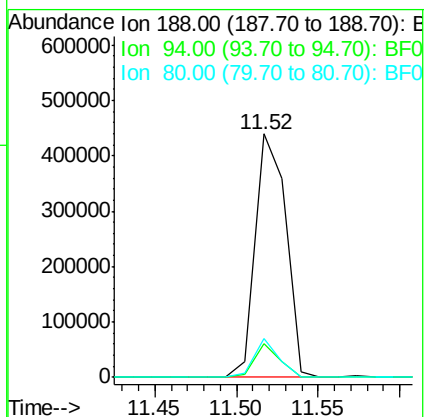
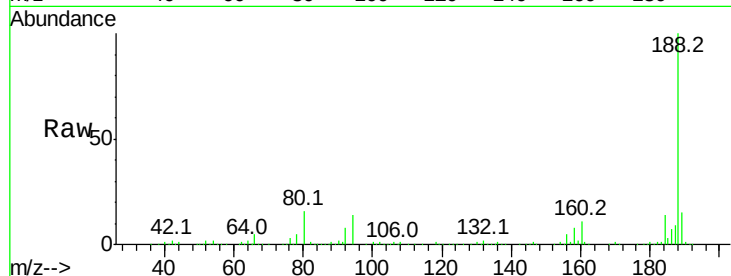
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.52 min Scan# 825
 Delta R.T. -0.01 min
 Lab File: BF092423.D
 Acq: 24 Jan 2017 12:32

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC060

Tot Ion	Ratio	Resp	Lower	Upper
188	100			
94	14.1	10.0	15.0	
80	16.2	11.2	16.8	

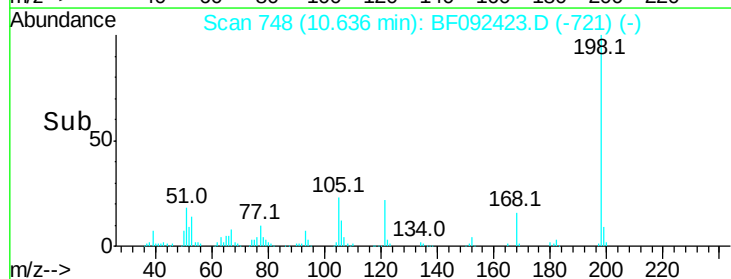
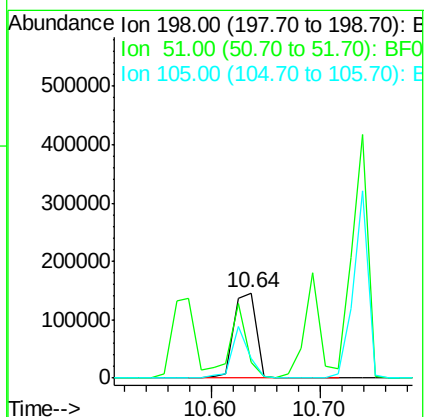
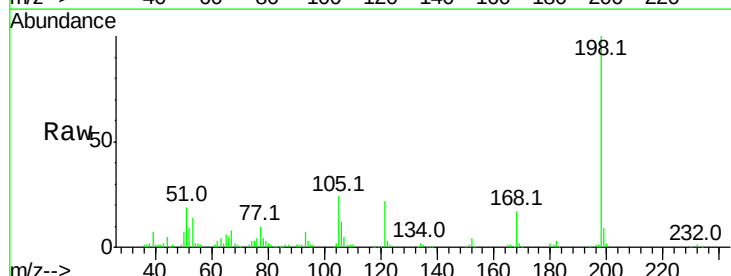
Manual Integrations
 APPROVED

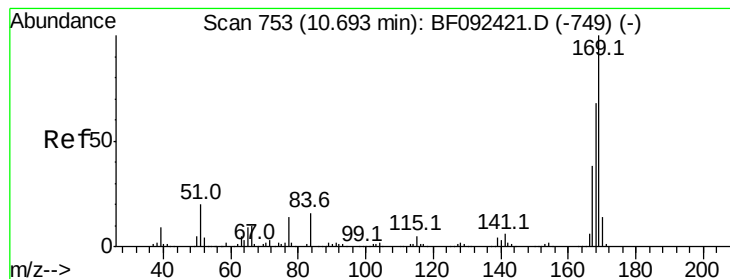
mohammad
 1/25/2017 3:49:17 PM



#64
 4,6-Dinitro-2-methylphenol
 Concen: 58.81 ng
 RT: 10.64 min Scan# 748
 Delta R.T. 0.01 min
 Lab File: BF092423.D
 Acq: 24 Jan 2017 12:32

Tgt Ion	Ratio	Resp	Lower	Upper
198	100			
51	18.7	6.7	46.7	
105	23.7	16.6	56.6	





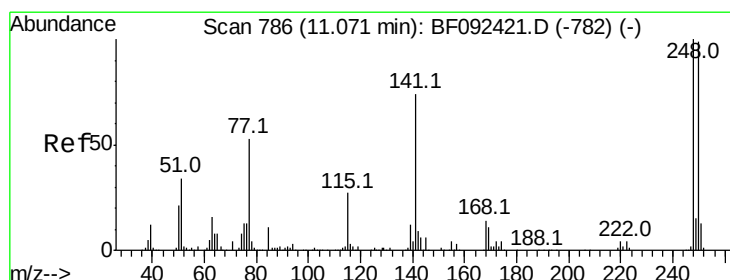
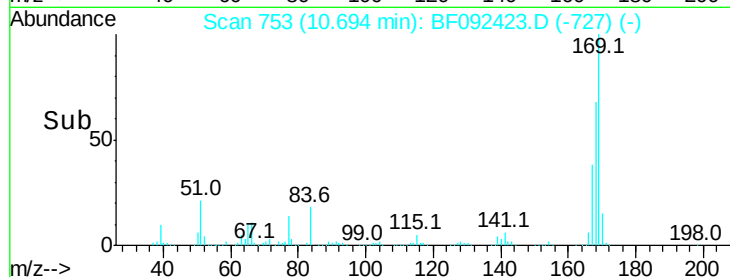
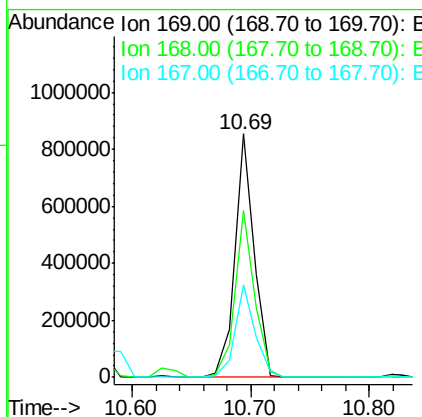
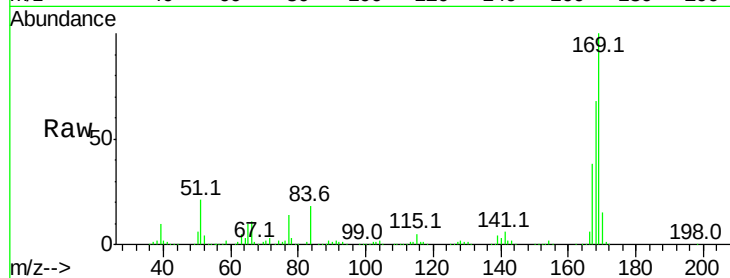
#65
n-Nitrosodiphenylamine
Concen: 56.50 ng
RT: 10.69 min Scan# 753
Delta R.T. 0.00 min
Lab File: BF092423.D
Acq: 24 Jan 2017 12:32

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tot Ion	Ratio	Resp	Lower	Upper
169	100			
168	68.3	54.2	81.2	
167	38.0	30.2	45.4	

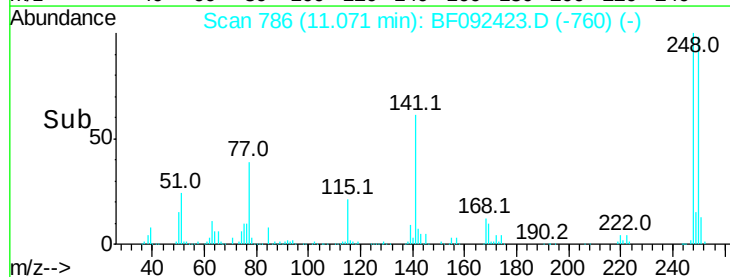
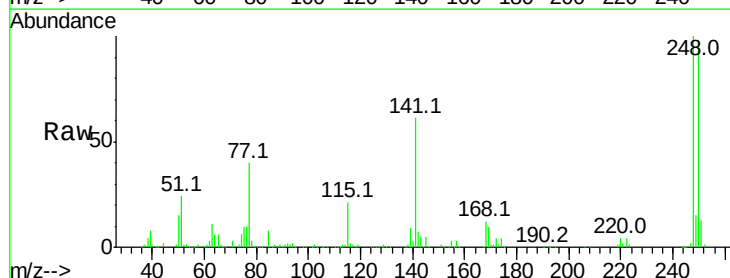
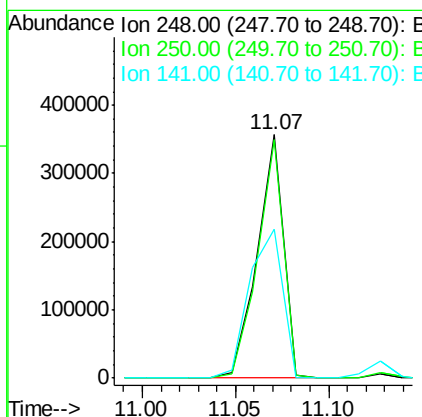
Manual Integrations
APPROVED

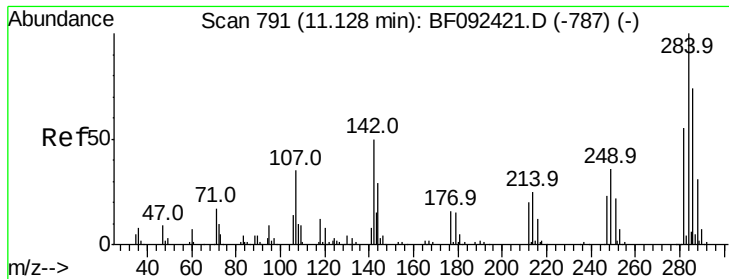
mohammad
1/25/2017 3:49:17 PM



#66
4-Bromophenyl-phenylether
Concen: 57.45 ng
RT: 11.07 min Scan# 786
Delta R.T. 0.00 min
Lab File: BF092423.D
Acq: 24 Jan 2017 12:32

Tgt Ion	Ratio	Resp	Lower	Upper
248	100			
250	98.0	76.9	115.3	
141	61.2	68.2	102.4	





#67

Hexachlorobenzene

Concen: 48.03 ng

RT: 11.13 min Scan# 791

Delta R.T. 0.00 min

Lab File: BF092423.D

Acq: 24 Jan 2017 12:32

Instrument :

BNA_F

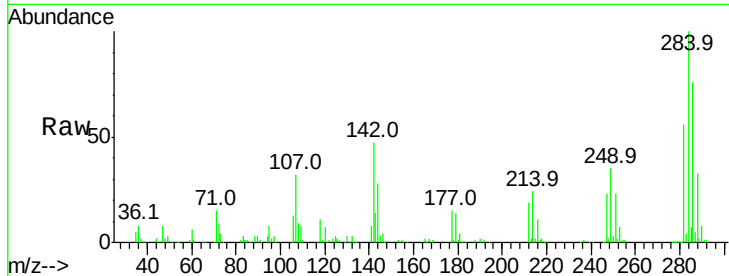
ClientSampleId :

SSTDIC060

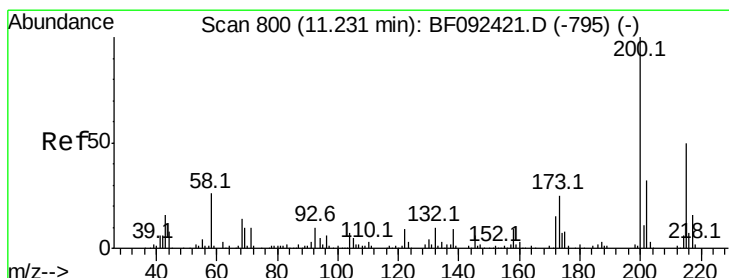
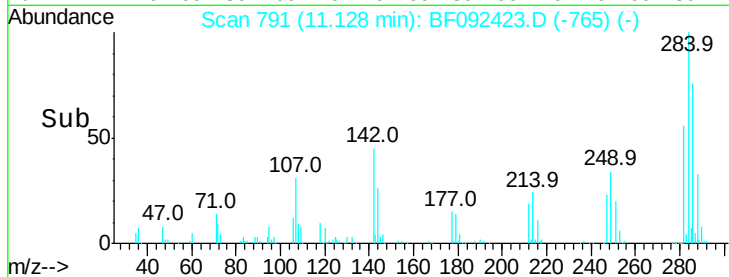
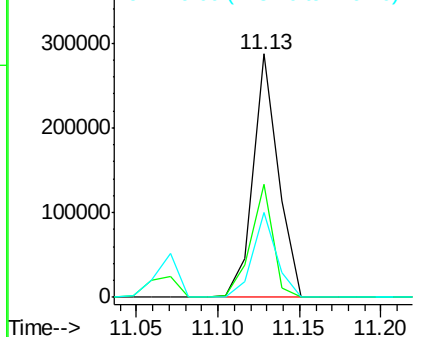
Tot Ion:	284	Resp:	307579
Ion Ratio	Lower	Upper	
284	100		
142	46.6	22.6	33.8#
249	35.1	25.4	38.0

Manual Integrations
APPROVED

mohammad
1/25/2017 3:49:17 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: 67.81 ng

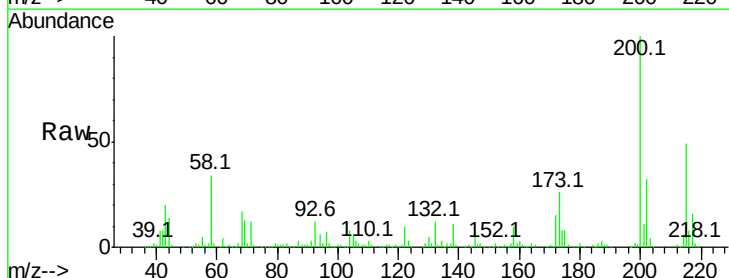
RT: 11.23 min Scan# 800

Delta R.T. 0.00 min

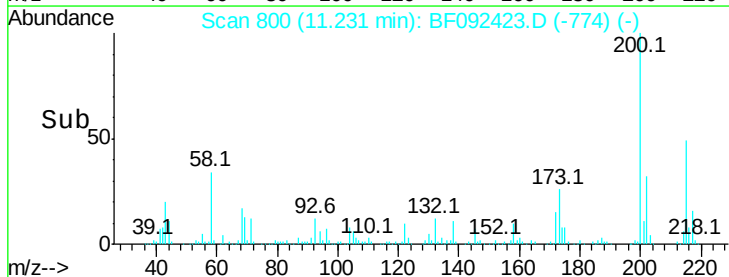
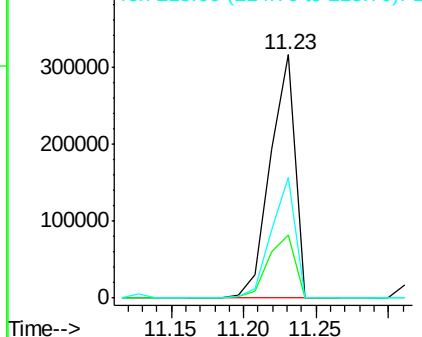
Lab File: BF092423.D

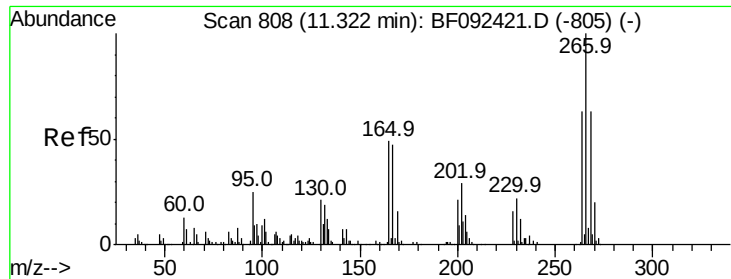
Acq: 24 Jan 2017 12:32

Tgt Ion:	200	Resp:	373801
Ion Ratio	Lower	Upper	
200	100		
173	26.2	9.6	49.6
215	49.5	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





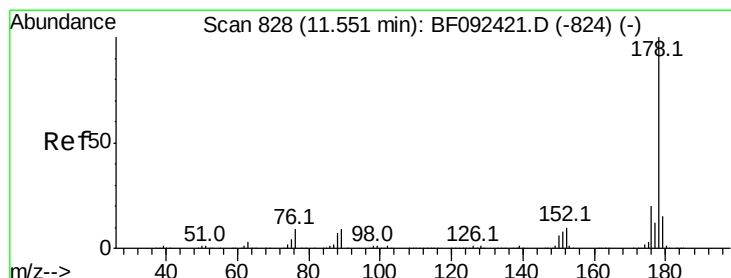
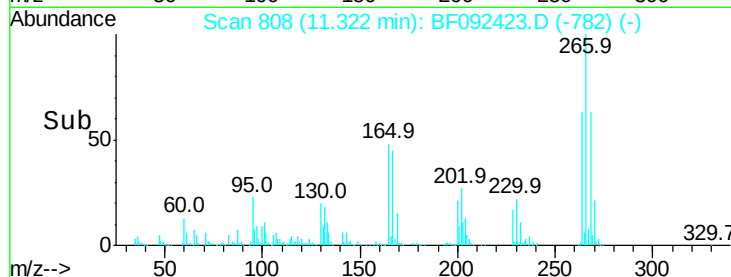
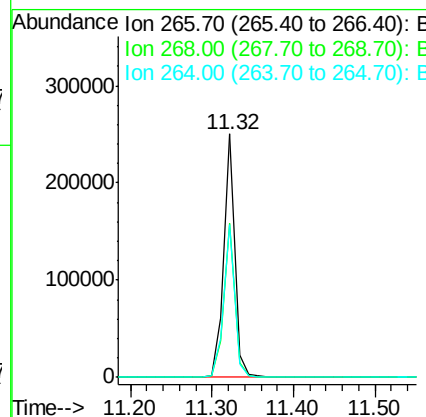
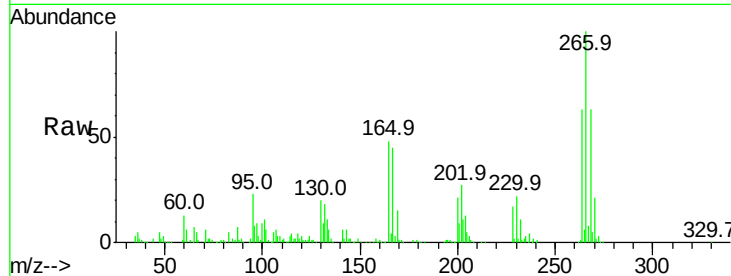
#69
 Pentachlorophenol
 Concen: 75.08 ng
 RT: 11.32 min Scan# 808
 Delta R.T. 0.00 min
 Lab File: BF092423.D
 Acq: 24 Jan 2017 12:32

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC060

Tot Ion	Ratio	Resp	Lower	Upper
266	100	235921		
268	63.5		53.3	79.9
264	62.9		50.3	75.5

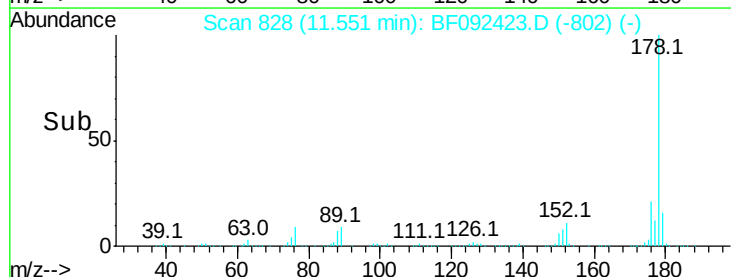
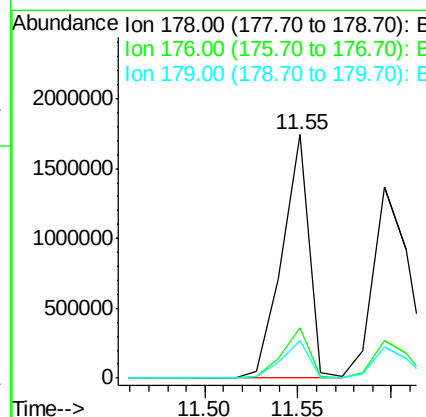
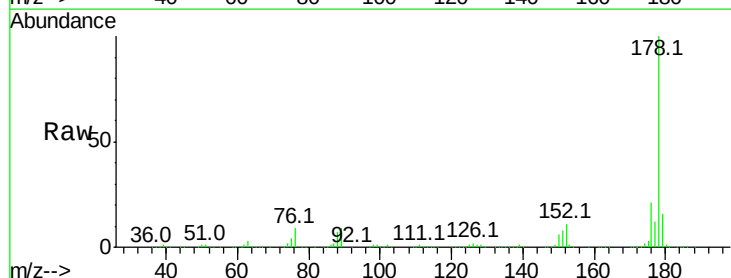
Manual Integrations
 APPROVED

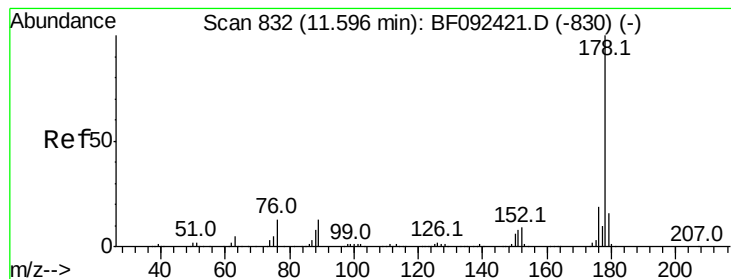
mohammad
 1/25/2017 3:49:17 PM



#70
 Phenanthrene
 Concen: 56.10 ng
 RT: 11.55 min Scan# 828
 Delta R.T. 0.00 min
 Lab File: BF092423.D
 Acq: 24 Jan 2017 12:32

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	1751944		
176	20.5		16.6	25.0
179	15.6		12.8	19.2





#71
 Anthracene
 Concen: 54.91 ng
 RT: 11.60 min Scan# 832
 Delta R.T. 0.00 min
 Lab File: BF092423.D
 Acq: 24 Jan 2017 12:32

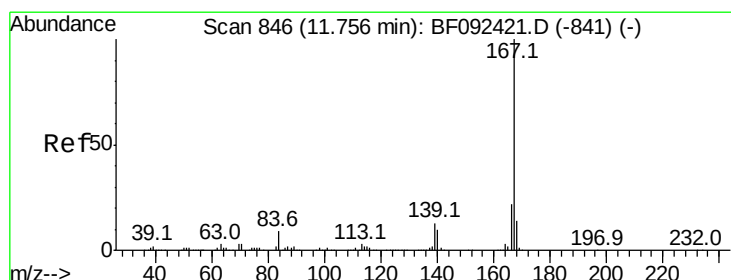
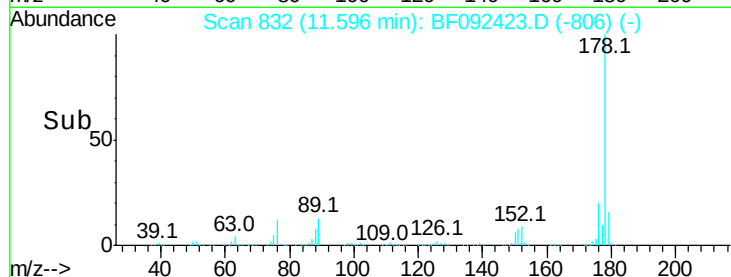
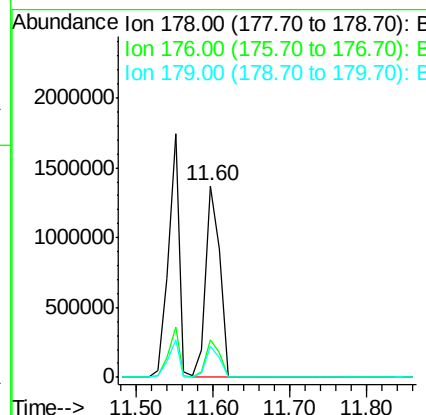
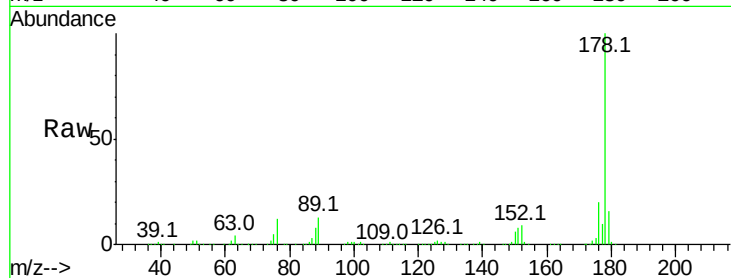
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC060

Tot Ion:178 Resp: 1717351

Ion	Ratio	Lower	Upper
178	100		
176	19.8	15.9	23.9
179	16.1	13.2	19.8

Manual Integrations
 APPROVED

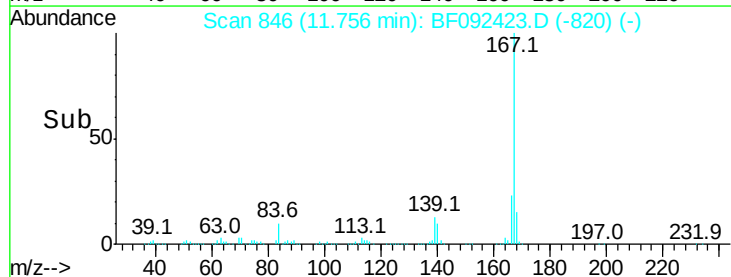
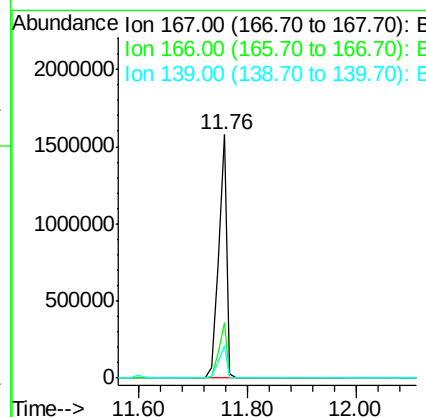
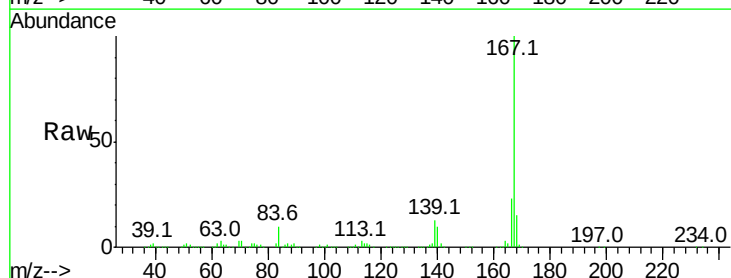
mohammad
 1/25/2017 3:49:17 PM

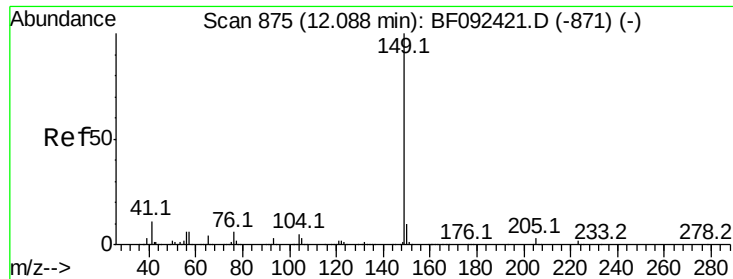


#72
 Carbazole
 Concen: 57.48 ng
 RT: 11.76 min Scan# 846
 Delta R.T. 0.00 min
 Lab File: BF092423.D
 Acq: 24 Jan 2017 12:32

Tgt Ion:167 Resp: 1663072

Ion	Ratio	Lower	Upper
167	100		
166	22.6	18.2	27.2
139	13.3	11.4	17.2





#73

Di-n-butylphthalate

Concen: 52.34 ng

RT: 12.09 min Scan# 875

Delta R.T. 0.00 min

Lab File: BF092423.D

Acq: 24 Jan 2017 12:32

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

Tot Ion:149 Resp: 1768620

Ion Ratio Lower Upper

149 100

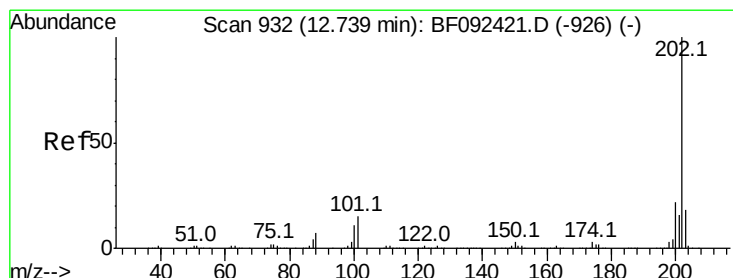
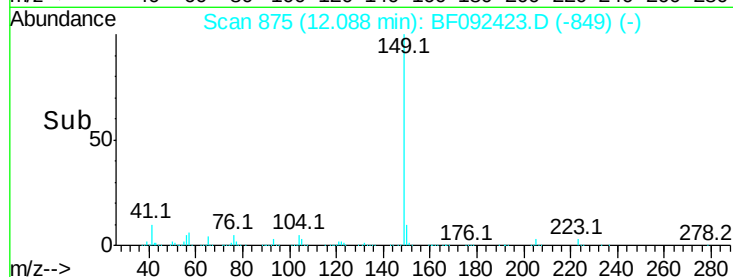
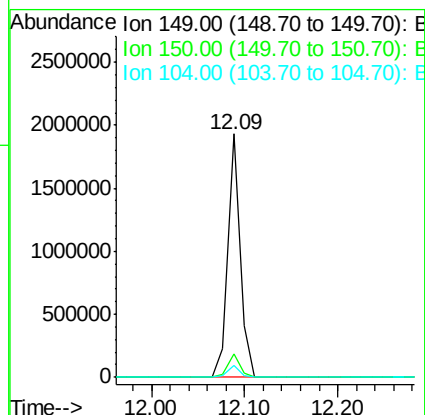
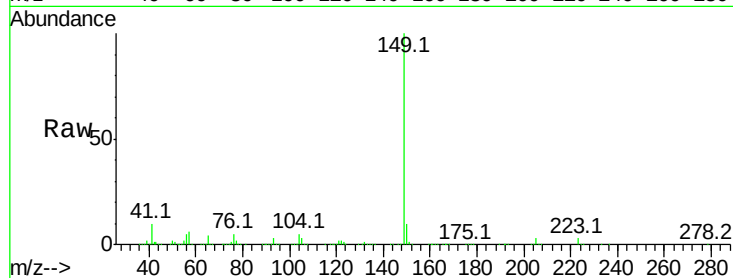
150 9.7 8.1 12.1

104 5.0 4.6 7.0

Manual Integrations
APPROVED

mohammad

1/25/2017 3:49:17 PM



#74

Fluoranthene

Concen: 53.11 ng

RT: 12.74 min Scan# 932

Delta R.T. 0.00 min

Lab File: BF092423.D

Acq: 24 Jan 2017 12:32

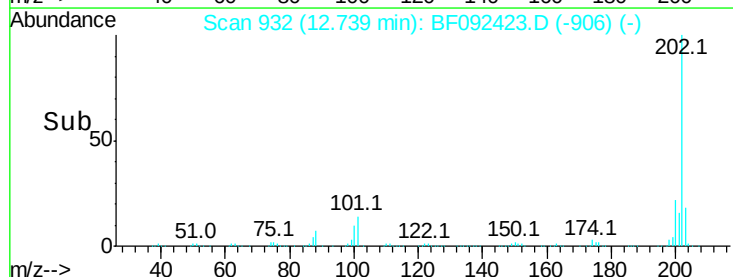
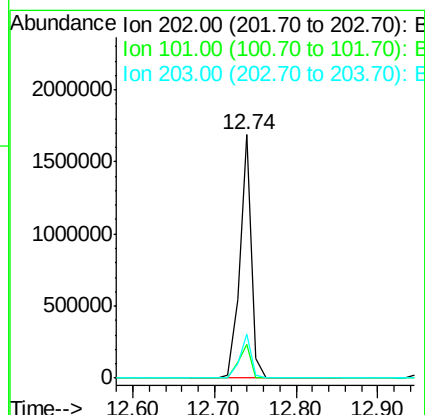
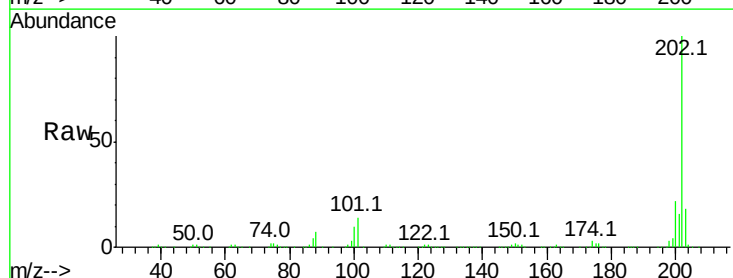
Tgt Ion:202 Resp: 1654873

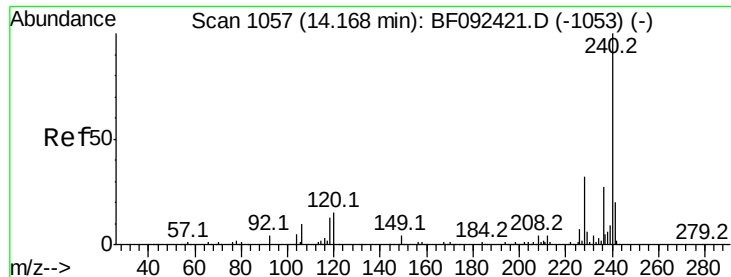
Ion Ratio Lower Upper

202 100

101 13.9 0.0 34.6

203 18.1 0.0 38.7





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.17 min Scan# 1057

Delta R.T. 0.00 min

Lab File: BF092423.D

Acq: 24 Jan 2017 12:32

Instrument :

BNA_F

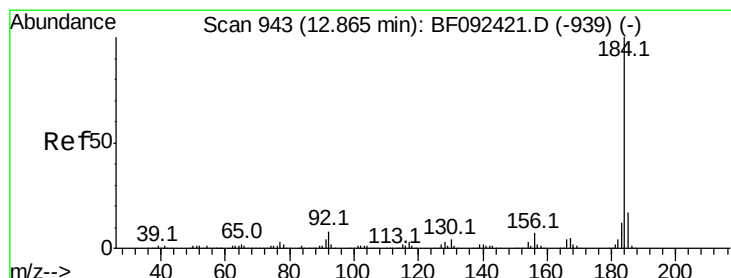
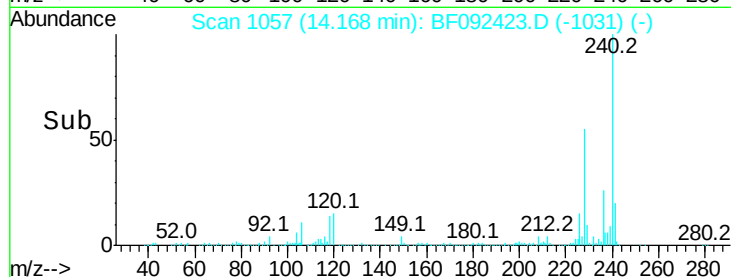
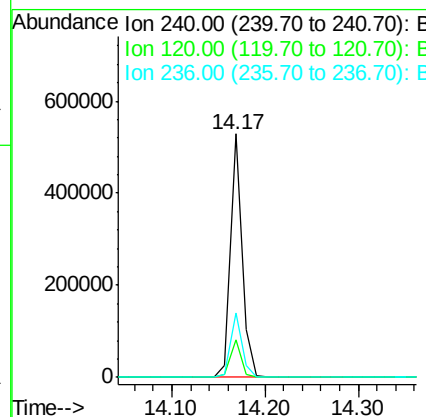
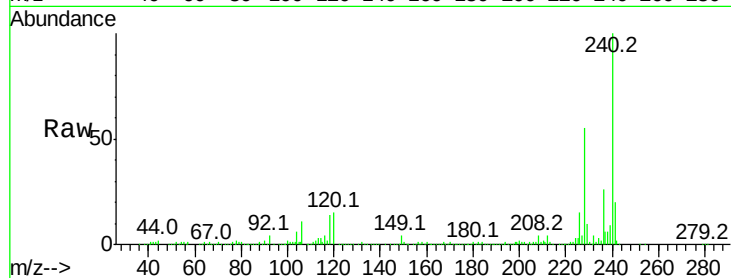
ClientSampleId :

SSTDIC060

Tot Ion	Ratio	Lower	Upper
240	100		
120	15.4	12.9	19.3
236	26.3	20.9	31.3

Manual Integrations
APPROVED

mohammad
1/25/2017 3:49:17 PM



#76

Benzidine

Concen: 78.23 ng

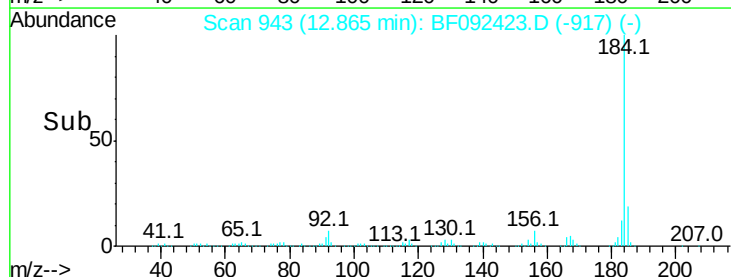
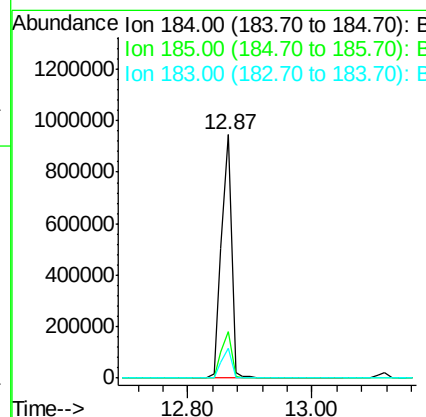
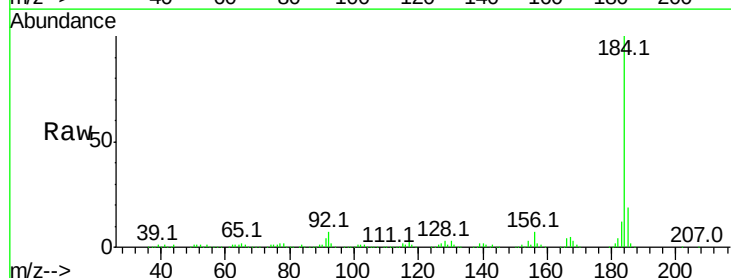
RT: 12.87 min Scan# 943

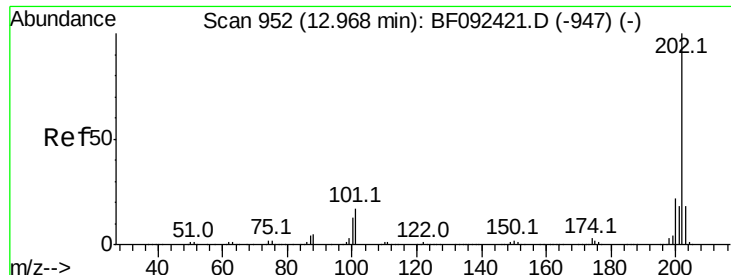
Delta R.T. 0.00 min

Lab File: BF092423.D

Acq: 24 Jan 2017 12:32

Tgt Ion	Ratio	Lower	Upper
184	100		
185	19.0	13.4	20.0
183	12.2	9.2	13.8





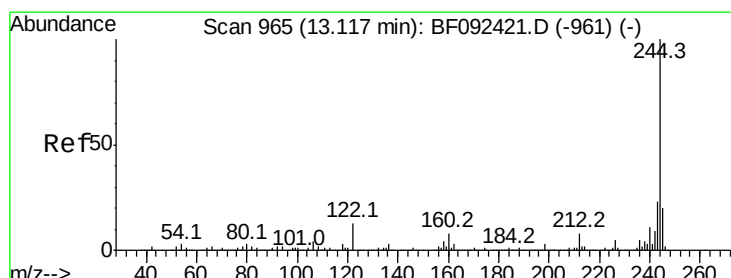
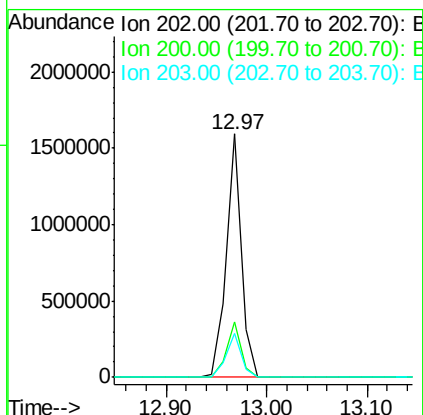
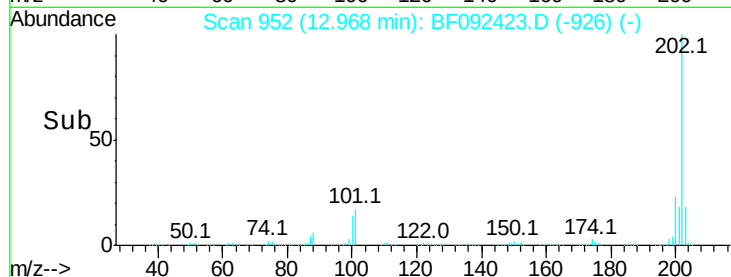
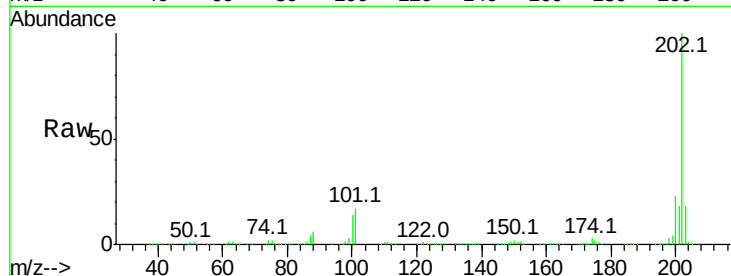
#77
Pvrene
Concen: 49.29 ng
RT: 12.97 min Scan# 952
Delta R.T. 0.00 min
Lab File: BF092423.D
Acq: 24 Jan 2017 12:32

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tot Ion	Ratio	Lower	Upper
202	100		
200	22.6	17.7	26.5
203	18.2	14.7	22.1

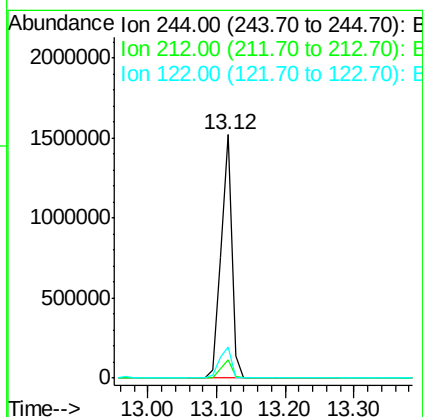
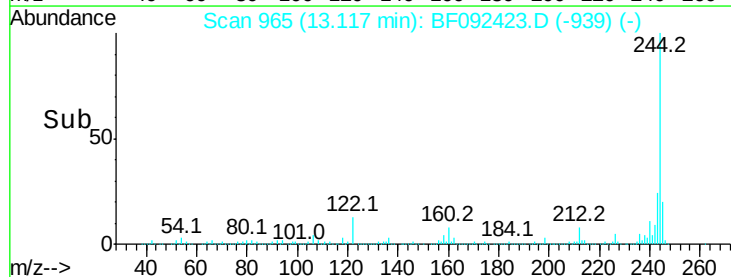
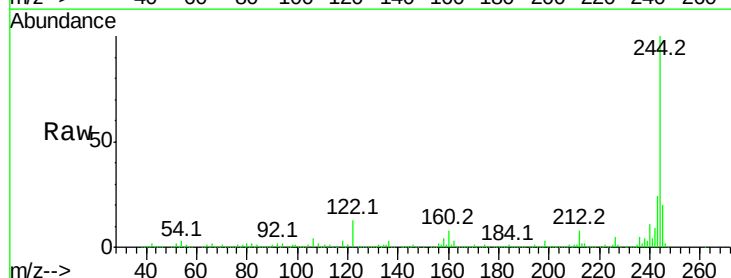
Manual Integrations
APPROVED

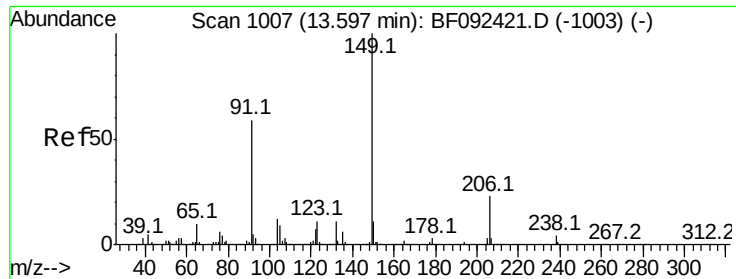
mohammad
1/25/2017 3:49:17 PM



#78
Terphenyl-d14
Concen: 89.92 ng
RT: 13.12 min Scan# 965
Delta R.T. 0.00 min
Lab File: BF092423.D
Acq: 24 Jan 2017 12:32

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.6	6.2	9.2
122	12.6	11.4	17.2





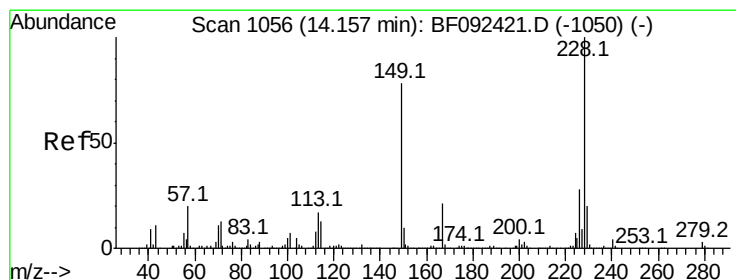
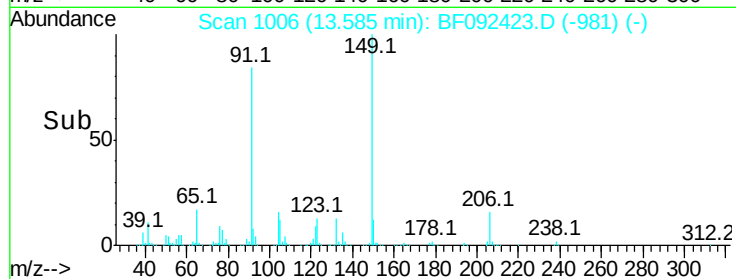
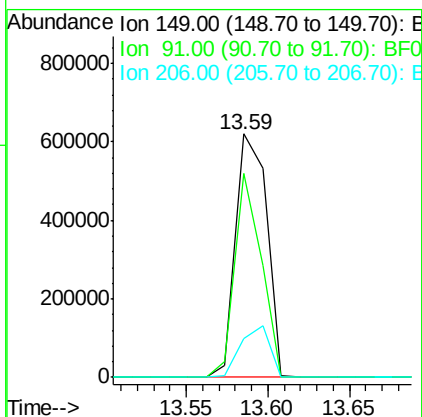
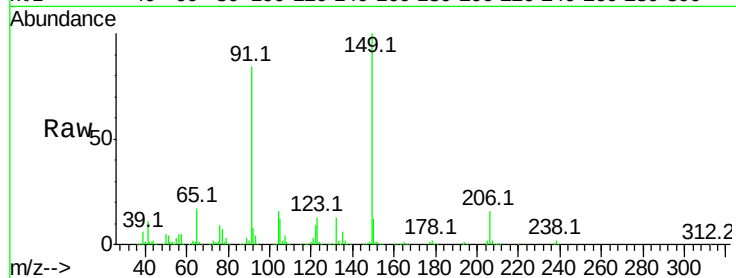
#79
Butylbenzylphthalate
Concen: 53.22 ng
RT: 13.59 min Scan# 1006
Delta R.T. -0.01 min
Lab File: BF092423.D
Acq: 24 Jan 2017 12:32

Instrument :
BNA_F
ClientSampleId :
SSTDIC060

Tot Ion	Ratio	Resp	Lower	Upper
149	100	815829		
91	84.0	63.9	95.9	
206	16.1	14.6	21.8	

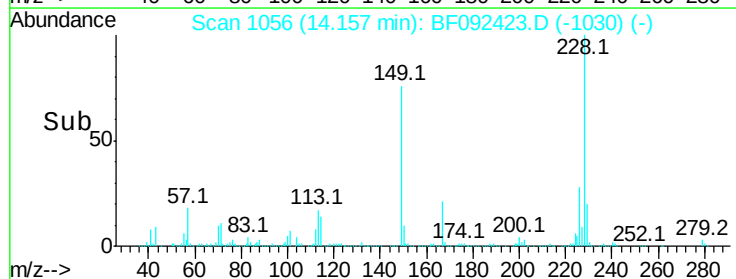
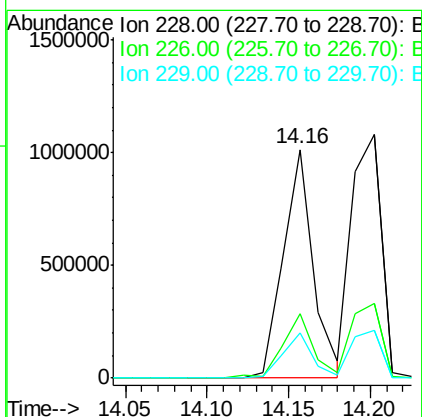
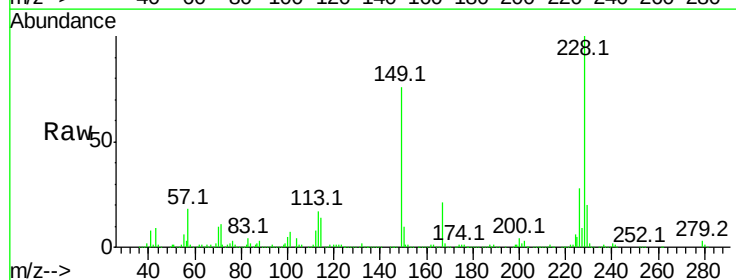
Manual Integrations
APPROVED

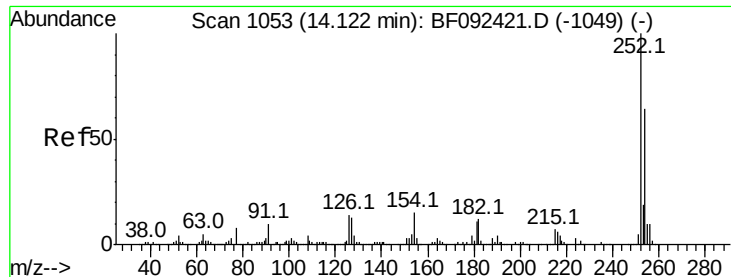
mohammad
1/25/2017 3:49:17 PM



#80
Benzo(a)anthracene
Concen: 50.13 ng
RT: 14.16 min Scan# 1056
Delta R.T. 0.00 min
Lab File: BF092423.D
Acq: 24 Jan 2017 12:32

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	1299871		
226	28.1	22.4	33.6	
229	19.7	16.2	24.4	





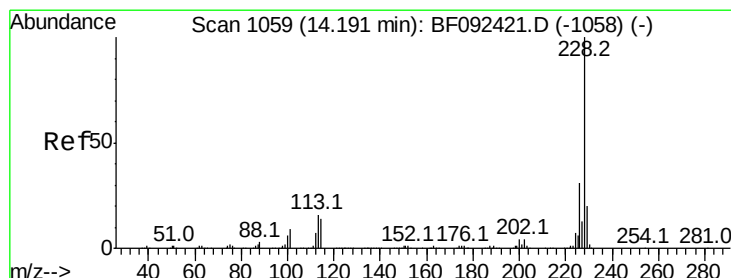
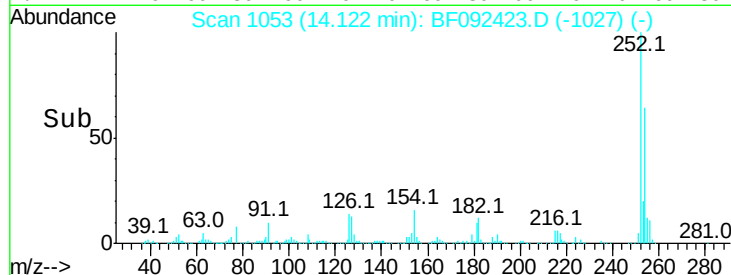
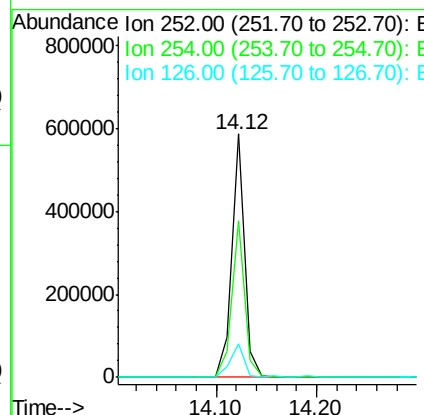
#81
 3,3'-Dichlorobenzidine
 Concen: 52.91 ng
 RT: 14.12 min Scan# 1053
 Delta R.T. 0.00 min
 Lab File: BF092423.D
 Acq: 24 Jan 2017 12:32

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC060

Tot Ion	Ratio	Resp	Lower	Upper
252	100	520290		
254	64.1	52.3	78.5	
126	13.8	13.6	20.4	

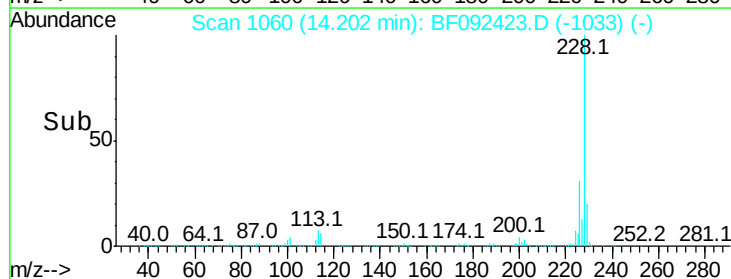
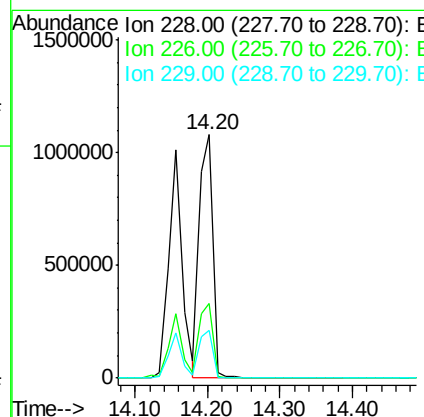
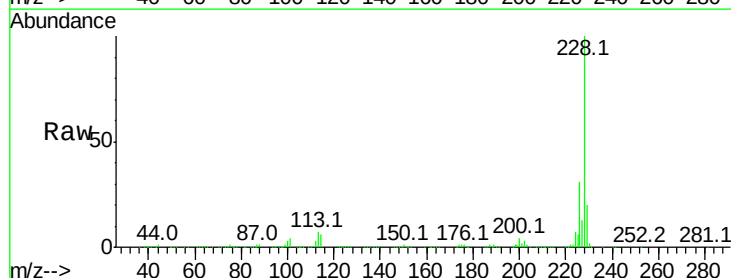
Manual Integrations
 APPROVED

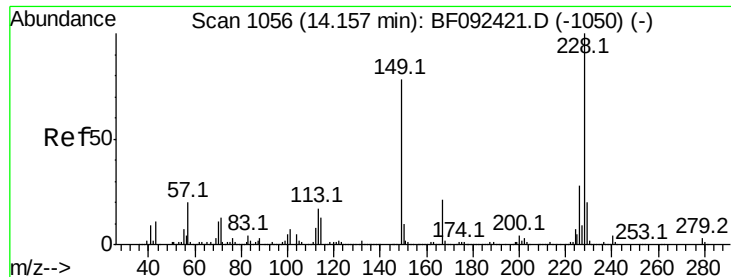
mohammad
 1/25/2017 3:49:17 PM



#82
 Chrysene
 Concen: 54.09 ng
 RT: 14.20 min Scan# 1060
 Delta R.T. 0.01 min
 Lab File: BF092423.D
 Acq: 24 Jan 2017 12:32

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	1406816		
226	30.7	25.4	38.0	
229	19.7	16.2	24.2	





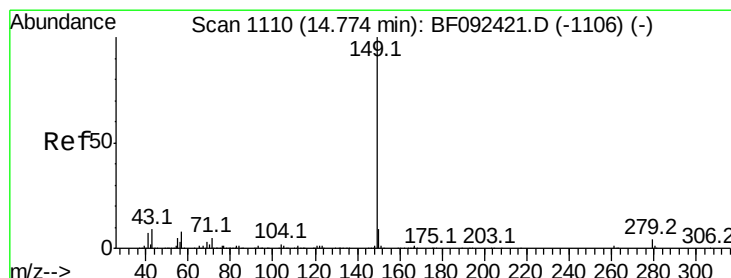
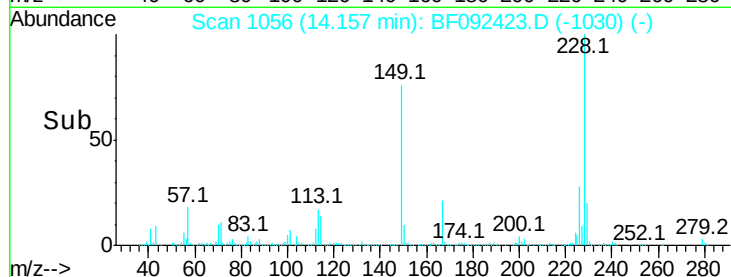
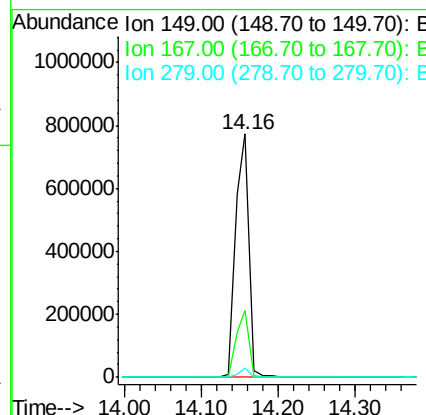
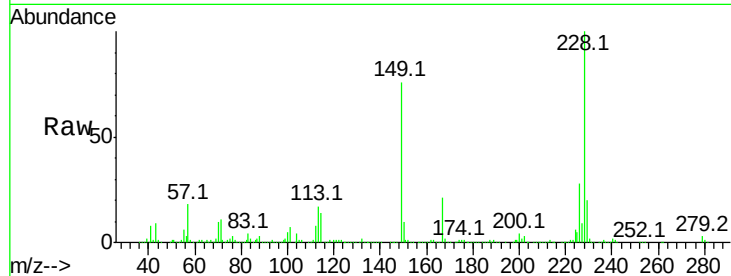
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 53.50 ng
 RT: 14.16 min Scan# 1056
 Delta R.T. 0.00 min
 Lab File: BF092423.D
 Acq: 24 Jan 2017 12:32

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC060

Tot Ion	Ratio	Lower	Upper
149	100		
167	27.6	20.2	30.4
279	3.8	1.8	2.8

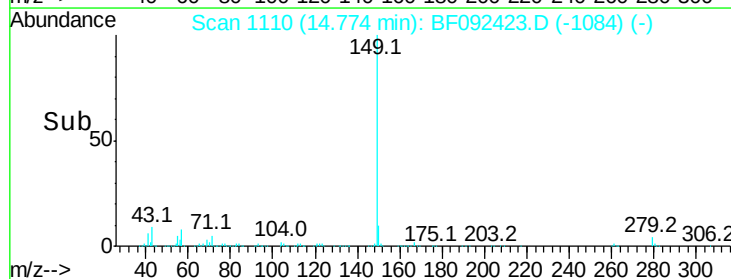
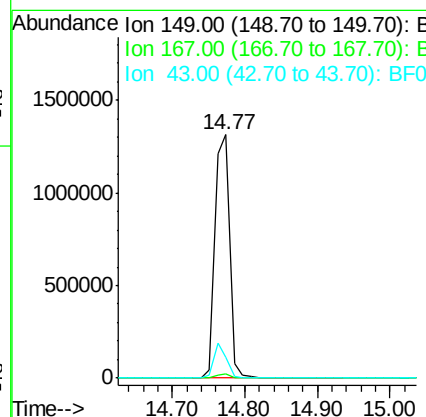
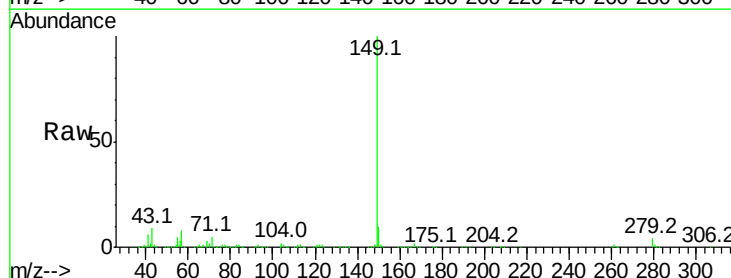
Manual Integrations
 APPROVED

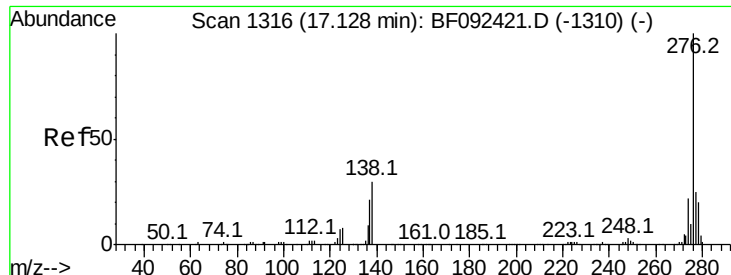
mohammad
 1/25/2017 3:49:17 PM



#84
 Di-n-octyl phthalate
 Concen: 55.24 ng
 RT: 14.77 min Scan# 1110
 Delta R.T. 0.00 min
 Lab File: BF092423.D
 Acq: 24 Jan 2017 12:32

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.3	1.9
43	12.4	8.9	13.3





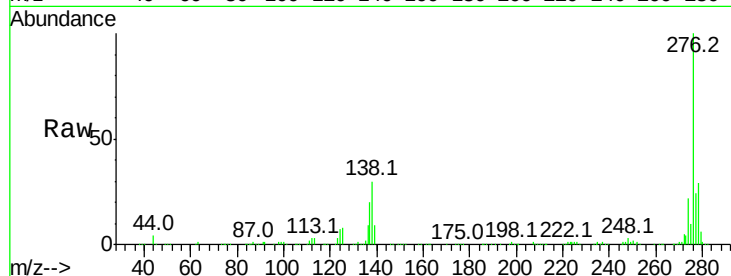
#85
Indeno(1,2,3-cd)pyrene
Concen: 47.96 ng
RT: 17.14 min Scan# 1317
Delta R.T. 0.01 min
Lab File: BF092423.D
Acq: 24 Jan 2017 12:32

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

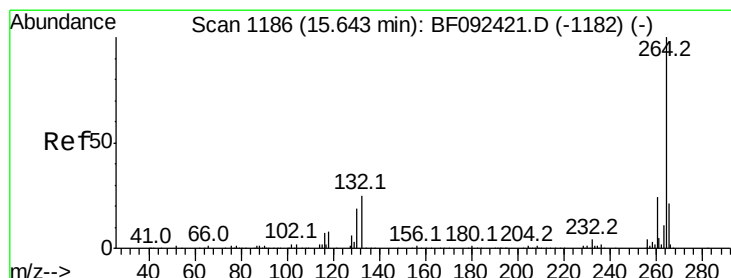
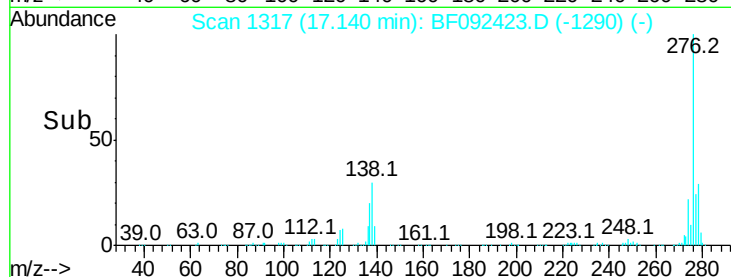
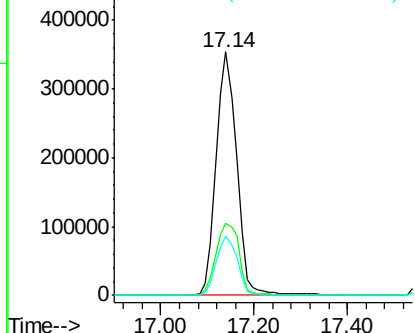
Tot Ion:276 Resp: 1080788
Ion Ratio Lower Upper
276 100
138 33.7 21.8 32.6#
277 25.0 20.2 30.4

Manual Integrations
APPROVED

mohammad
1/25/2017 3:49:17 PM

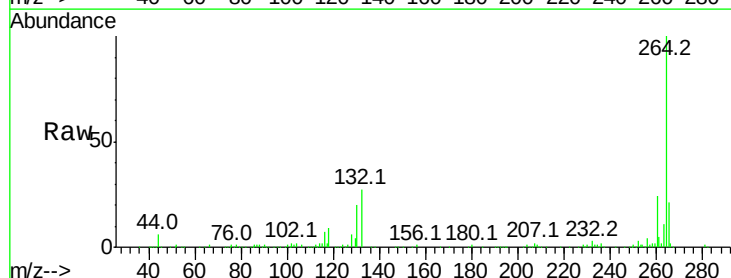


Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E

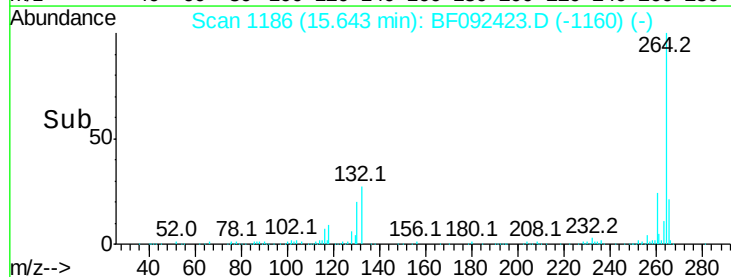
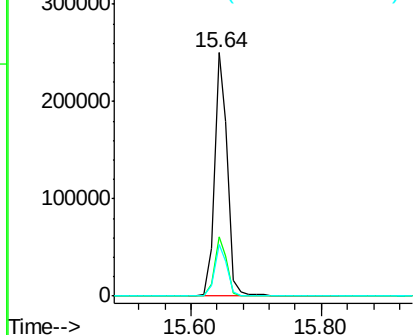


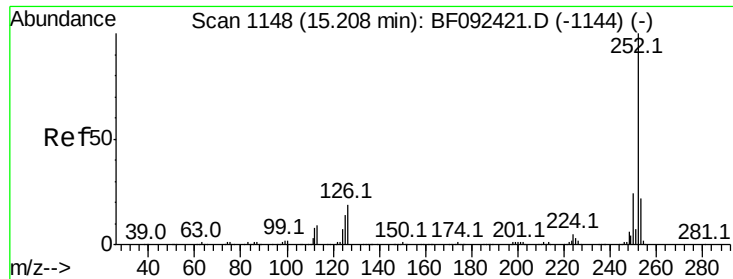
#86
Perylene-d12
Concen: 20.00 ng
RT: 15.64 min Scan# 1186
Delta R.T. 0.00 min
Lab File: BF092423.D
Acq: 24 Jan 2017 12:32

Tgt Ion:264 Resp: 349323
Ion Ratio Lower Upper
264 100
260 24.4 19.2 28.8
265 21.3 17.4 26.0



Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E





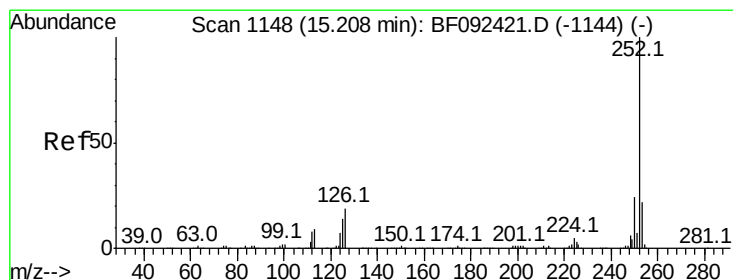
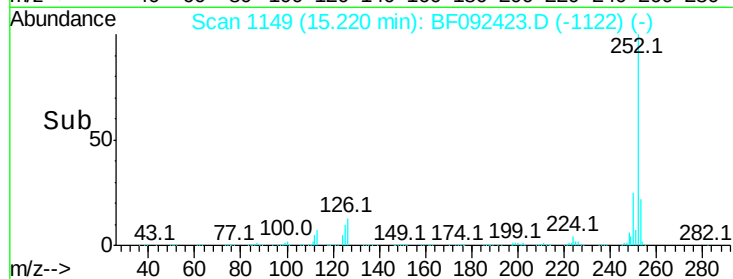
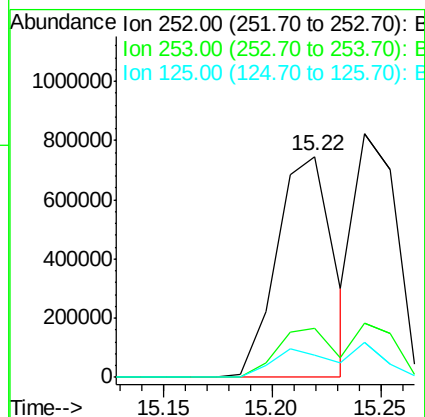
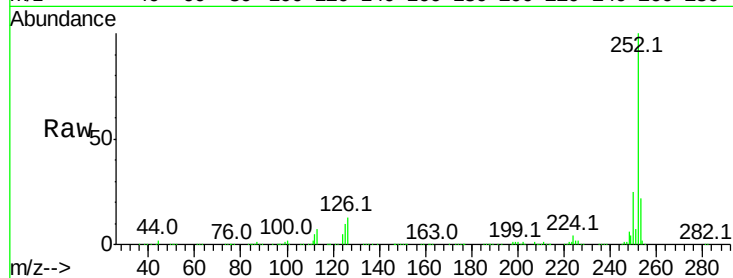
#87
Benzo(b)fluoranthene
Concen: 61.91 ng
RT: 15.22 min Scan# 1149
Delta R.T. 0.01 min
Lab File: BF092423.D
Acq: 24 Jan 2017 12:32

Instrument :
BNA_F
ClientSampled :
SSTDICC060

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.0	18.2	27.4
125	10.3	9.8	14.6

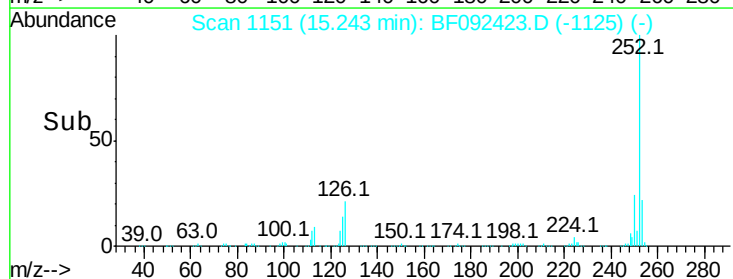
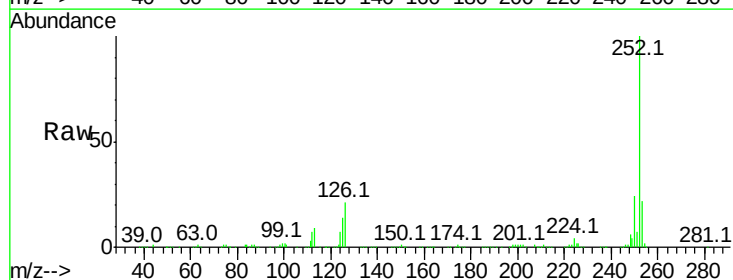
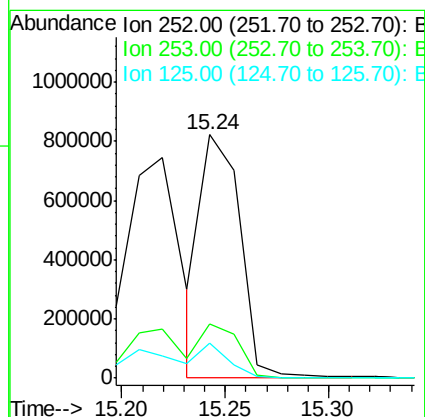
Manual Integrations
APPROVED

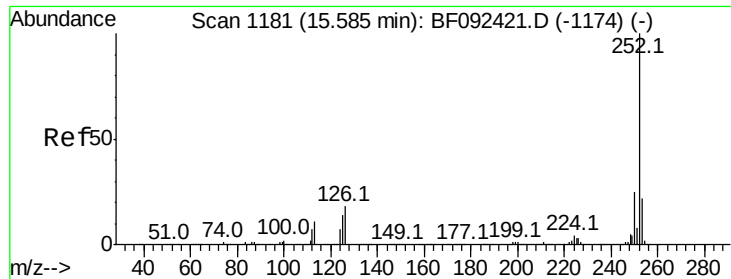
mohammad
1/25/2017 3:49:17 PM



#88
Benzo(k)fluoranthene
Concen: 59.38 ng m
RT: 15.24 min Scan# 1151
Delta R.T. 0.00 min
Lab File: BF092423.D
Acq: 24 Jan 2017 12:32

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.5	18.5	27.7
125	14.3	8.9	13.3#





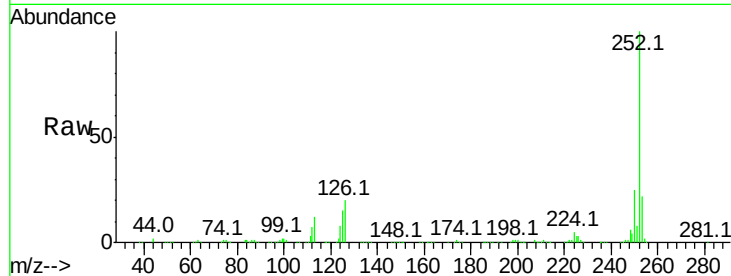
#89
Benzo(a)pyrene
Concen: 57.56 ng
RT: 15.59 min Scan# 1181
Delta R.T. 0.00 min
Lab File: BF092423.D
Acq: 24 Jan 2017 12:32

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

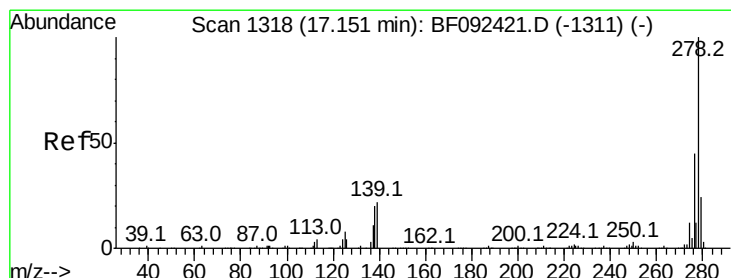
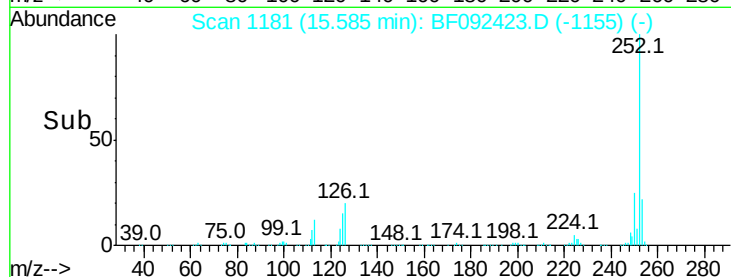
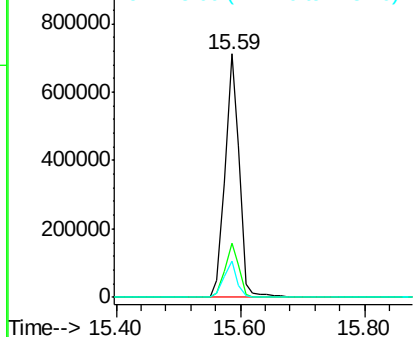
Tot Ion	Ratio	Lower	Upper
252	100		
253	22.4	18.2	27.2
125	14.8	10.0	15.0

Manual Integrations
APPROVED

mohammad
1/25/2017 3:49:17 PM



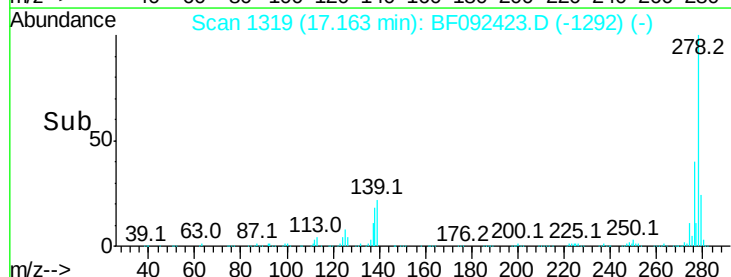
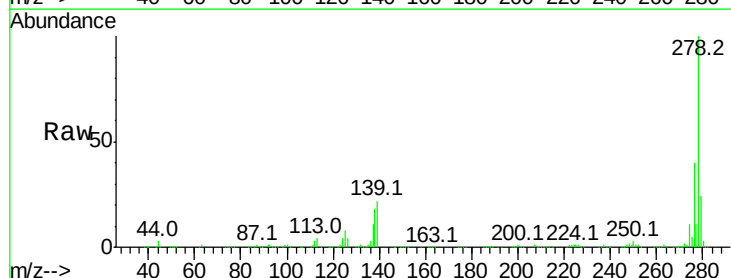
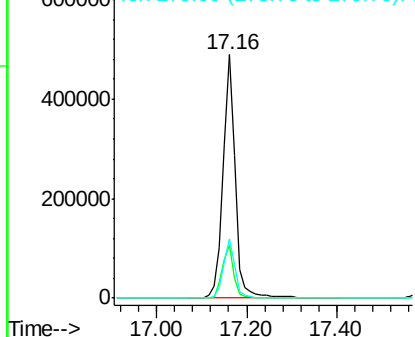
Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

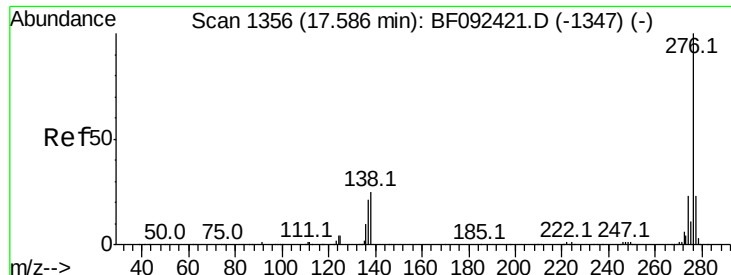


#90
Dibenzo(a,h)anthracene
Concen: 58.95 ng
RT: 17.16 min Scan# 1319
Delta R.T. 0.01 min
Lab File: BF092423.D
Acq: 24 Jan 2017 12:32

Tgt Ion	Ratio	Lower	Upper
278	100		
139	21.7	14.8	22.2
279	24.2	19.8	29.6

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





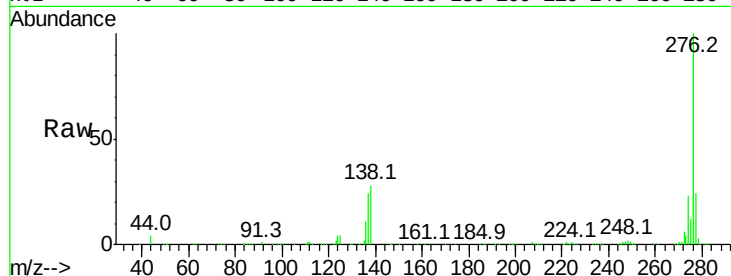
#91
 Benzo(a,h,i)perylene
 Concen: 57.81 ng
 RT: 17.60 min Scan# 1357
 Delta R.T. 0.01 min
 Lab File: BF092423.D
 Acq: 24 Jan 2017 12:32

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC060

Tot Ion	Ratio	Lower	Upper
276	100		
277	24.2	19.2	28.8
138	28.4	16.0	24.0

Manual Integrations
 APPROVED

mohammad
 1/25/2017 3:49:17 PM



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

