

Data Path : Z:\HPCHEM1\BNA F\DATA\BF011916\
 Data File : BF084561.D
 Acq On : 19 Jan 2016 19:24
 Operator : SJ/UM
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Manual Integrations
 APPROVED

mohammad
 1/20/2016 2:23:06 PM

Quant Time: Jan 20 03:46:39 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF123115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 14 14:15:52 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	287556	20.00	ng	-0.03
21) Naphthalene-d8	8.09	136	1145917	20.00	ng	-0.03
38) Acenaphthene-d10	9.84	164	494006	20.00	ng	-0.03
63) Phenanthrene-d10	11.32	188	829174	20.00	ng	-0.03
75) Chrysene-d12	13.95	240	490691	20.00	ng	-0.05
86) Perylene-d12	15.36	264	566680	20.00	ng	-0.06

System Monitoring Compounds

5) 2-Fluorophenol	5.39	112	1324858	74.52	ng	-0.05
7) Phenol-d6	6.44	99	1799262	80.58	ng	-0.03
23) Nitrobenzene-d5	7.37	82	1505485	73.12	ng	-0.03
41) 2,4,6-Tribromophenol	10.62	330	365150	73.21	ng	-0.05
44) 2-Fluorobiphenyl	9.16	172	2283615	81.02	ng	-0.03
78) Terphenyl-d14	12.91	244	1828358	83.17	ng	-0.03

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.34	88	323209	38.38	ng	# 75
3) Pyridine	3.05	79	713689	30.39	ng	# 71
4) n-Nitrosodimethylamine	3.01	42	396090	32.86	ng	# 76
6) Aniline	6.46	93	1178303	36.07	ng	# 82
8) 2-Chlorophenol	6.58	128	786583	39.00	ng	82
9) Benzaldehyde	6.34	77	523537	36.01	ng	98
10) Phenol	6.46	94	1002186	39.48	ng	75
11) bis(2-Chloroethyl)ether	6.53	93	809066	41.14	ng	# 81
12) 1,3-Dichlorobenzene	6.74	146	886060	42.58	ng	99
13) 1,4-Dichlorobenzene	6.82	146	847535m	40.62	ng	
14) 1,2-Dichlorobenzene	6.97	146	746204	37.34	ng	97
15) Benzyl Alcohol	6.94	79	644026	34.29	ng	91
16) 2,2'-oxybis(1-Chloropropan	7.08	45	1196145	33.40	ng	87
17) 2-Methylphenol	7.07	107	677248	40.06	ng	94
18) Hexachloroethane	7.31	117	343569	41.18	ng	99
19) n-Nitroso-di-n-propylamine	7.23	70	569509	37.68	ng	# 86
20) 3+4-Methylphenols	7.22	107	744871	37.49	ng	# 45
22) Acetophenone	7.22	105	1162651	42.19	ng	# 95
24) Nitrobenzene	7.39	77	943067	45.16	ng	97
25) Isophorone	7.63	82	1530213	38.86	ng	99
26) 2-Nitrophenol	7.70	139	394314	41.49	ng	# 78
27) 2,4-Dimethylphenol	7.76	122	722510	37.56	ng	88
28) bis(2-Chloroethoxy)methane	7.85	93	981210	40.79	ng	# 96
29) 2,4-Dichlorophenol	7.95	162	645218	40.26	ng	98
30) 1,2,4-Trichlorobenzene	8.03	180	711328	43.00	ng	# 94
31) Naphthalene	8.11	128	2235948	43.01	ng	98
32) Benzoic acid	7.89	122	493077	40.90	ng	93
33) 4-Chloroaniline	8.16	127	926991	38.89	ng	98
34) Hexachlorobutadiene	8.22	225	386815	40.68	ng	99
35) Caprolactam	8.56	113	233236	43.17	ng	# 77
36) 4-Chloro-3-methylphenol	8.65	107	666036	37.10	ng	92
37) 2-Methylnaphthalene	8.80	142	1319297	35.35	ng	96
39) 1,2,4,5-Tetrachlorobenzene	8.97	216	665426	46.85	ng	99
40) Hexachlorocyclopentadiene	8.96	237	205061	23.92	ng	99

Data Path : Z:\HPCHEM1\BNA F\DATA\BF011916\
 Data File : BF084561.D
 Acq On : 19 Jan 2016 19:24
 Operator : SJ/UM
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Manual Integrations
 APPROVED

mohammad
 1/20/2016 2:23:06 PM

Quant Time: Jan 20 03:46:39 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF123115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 14 14:15:52 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.08	196	438448	41.26	nq	93
43) 2,4,5-Trichlorophenol	9.13	196	441245	43.32	nq	95
45) 1,1'-Biphenyl	9.26	154	1699479	43.29	nq	99
46) 2-Chloronaphthalene	9.29	162	1262335	40.93	nq	94
47) 2-Nitroaniline	9.39	65	489803	48.12	nq	# 79
48) Acenaphthylene	9.70	152	1763303	38.70	nq	96
49) Dimethylphthalate	9.57	163	1515025	42.90	nq	# 90
50) 2,6-Dinitrotoluene	9.63	165	313163	40.43	nq	# 58
51) Acenaphthene	9.87	154	1190004	38.94	nq	98
52) 3-Nitroaniline	9.80	138	421104	43.87	nq	88
53) 2,4-Dinitrophenol	9.90	184	141911	44.65	nq	91
54) Dibenzofuran	10.04	168	1560194	39.02	nq	91
55) 4-Nitrophenol	9.97	139	299071	42.93	nq	92
56) 2,4-Dinitrotoluene	10.03	165	386571	39.43	nq	# 87
57) Fluorene	10.38	166	1164785	37.67	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.17	232	365567	42.04	nq	89
59) Diethylphthalate	10.27	149	1568826	45.05	nq	96
60) 4-Chlorophenyl-phenylether	10.38	204	625310	49.15	nq	# 85
61) 4-Nitroaniline	10.42	138	386120	45.13	nq	# 75
62) Azobenzene	10.54	77	1521738	39.84	nq	91
64) 4,6-Dinitro-2-methylphenol	10.44	198	209192	41.31	nq	96
65) n-Nitrosodiphenylamine	10.50	169	1062906	40.09	nq	99
66) 4-Bromophenyl-phenylether	10.86	248	378310	42.39	nq	# 73
67) Hexachlorobenzene	10.93	284	422437	42.06	nq	97
68) Atrazine	11.04	200	350507	40.40	nq	92
69) Pentachlorophenol	11.13	266	194666	37.38	nq	97
70) Phenanthrene	11.34	178	1731587	39.92	nq	96
71) Anthracene	11.40	178	1785668	42.00	nq	100
72) Carbazole	11.55	167	1415036	34.04	nq	98
73) Di-n-butylphthalate	11.89	149	2107301	48.70	nq	98
74) Fluoranthene	12.53	202	1648091	36.37	nq	94
76) Benzidine	12.66	184	675294	38.38	nq	97
77) Pyrene	12.76	202	1577070	40.96	nq	100
79) Butylbenzylphthalate	13.38	149	668685	40.13	nq	87
80) Benzo(a)anthracene	13.94	228	1210126	42.00	nq	99
81) 3,3'-Dichlorobenzidine	13.92	252	499847	49.71	nq	100
82) Chrysene	13.99	228	1228606	44.38	nq	99
83) Bis(2-ethylhexyl)phthalate	13.94	149	867084	41.19	nq	# 99
84) Di-n-octyl phthalate	14.56	149	1564157	44.01	nq	# 88
85) Indeno(1,2,3-cd)pyrene	16.73	276	1569110	71.50	nq	100
87) Benzo(b)fluoranthene	14.97	252	1430760m	38.60	nq	
88) Benzo(k)fluoranthene	14.99	252	1082581m	35.71	nq	
89) Benzo(a)pyrene	15.31	252	1326384	42.18	nq	98
90) Dibenzo(a,h)anthracene	16.75	278	1291575	47.74	nq	# 95
91) Benzo(g,h,i)perylene	17.14	276	1339787	47.82	nq	97

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

```

Data Path : Z:\HPCHEM1\BNA F\DATA\BF011916\
Data File : BF084561.D
Acq On    : 19 Jan 2016   19:24
Operator  : SJ/UM
Sample    : SSTCCCC040
Misc      :
ALS Vial  : 2      Sample Multiplier: 1

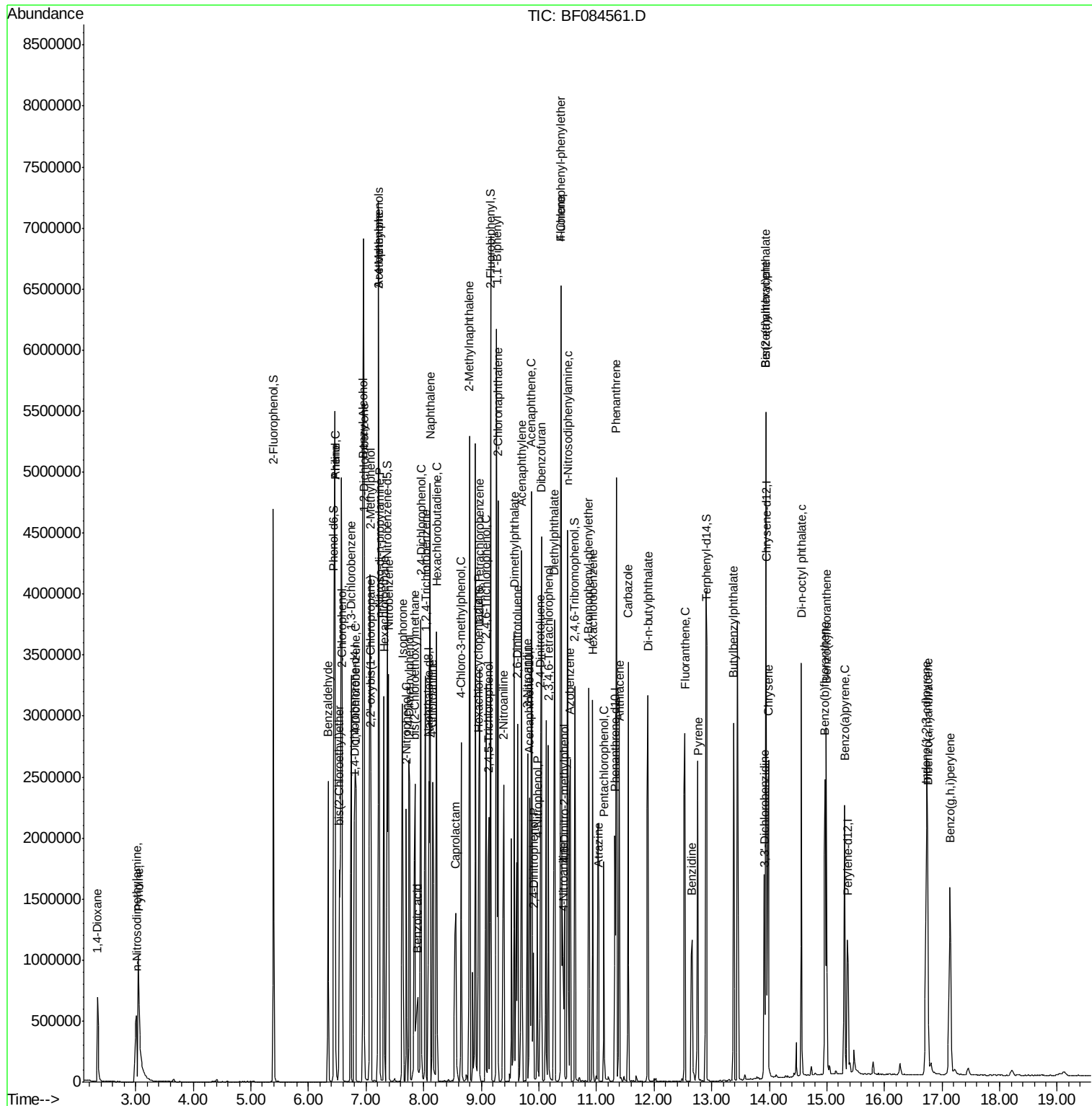
```

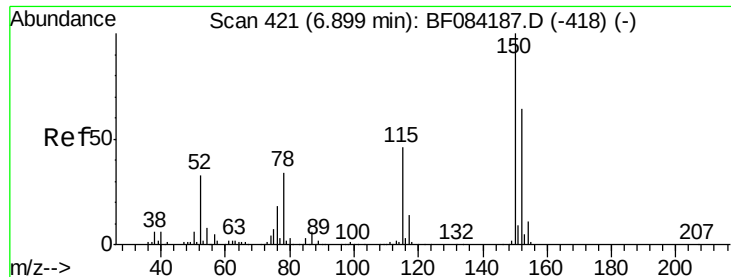
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Manual Integrations APPROVED

mohammad
1/20/2016 2:23:06 PM

Quant Time: Jan 20 03:46:39 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF123115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jan 14 14:15:52 2016
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.80 min Scan# 412

Delta R.T. -0.03 min

Lab File: BF084561.D

Acq: 19 Jan 2016 19:24

Instrument :

BNA_F

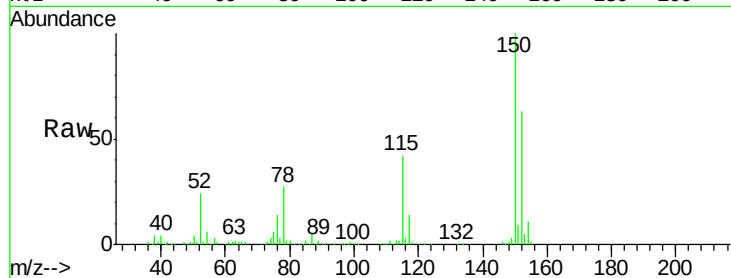
ClientSampleId :

SSTDCCC040EC

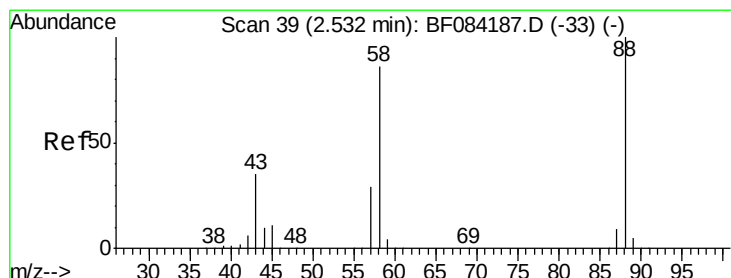
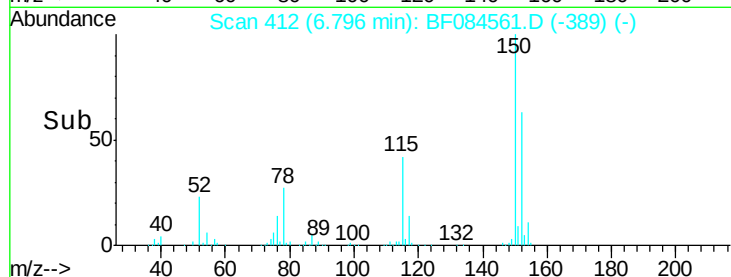
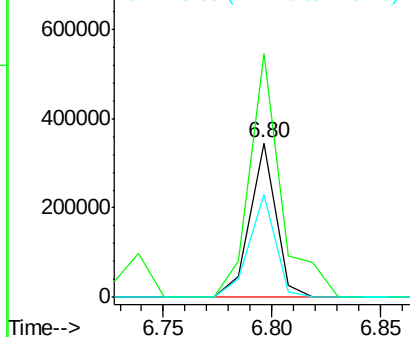
Tot Ion:	152	Resp:	287556
Ion Ratio	Lower	Upper	
152	100		
150	157.5	123.0	184.4
115	66.3	51.4	77.2

Manual Integrations
APPROVED

mohammad
1/20/2016 2:23:06 PM



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



#2

1,4-Dioxane

Concen: 38.38 ng

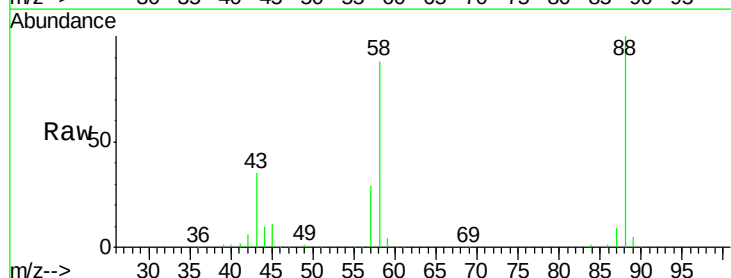
RT: 2.34 min Scan# 22

Delta R.T. -0.06 min

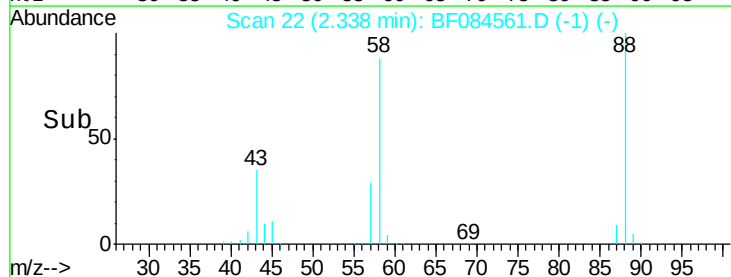
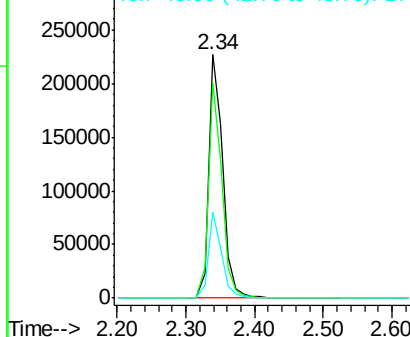
Lab File: BF084561.D

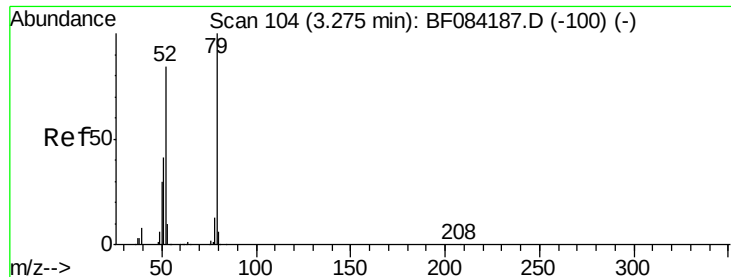
Acq: 19 Jan 2016 19:24

Tgt Ion:	88	Resp:	323209
Ion Ratio	Lower	Upper	
88	100		
58	85.4	51.2	76.8#
43	33.1	19.5	29.3#



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





#3

Pvridine

Concen: 30.39 ng

RT: 3.05 min Scan# 84

Delta R.T. -0.08 min

Lab File: BF084561.D

Acq: 19 Jan 2016 19:24

Instrument :

BNA_F

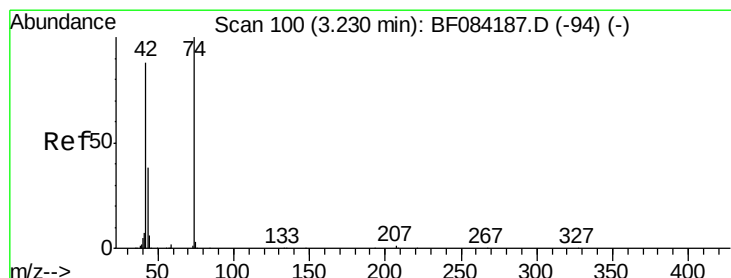
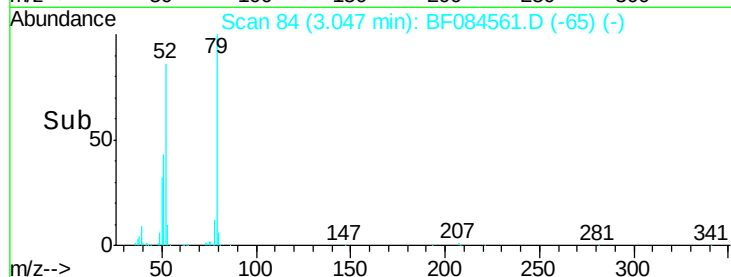
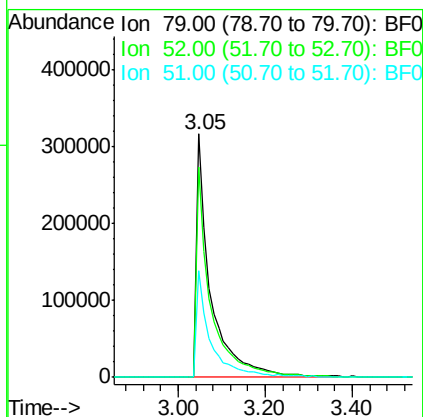
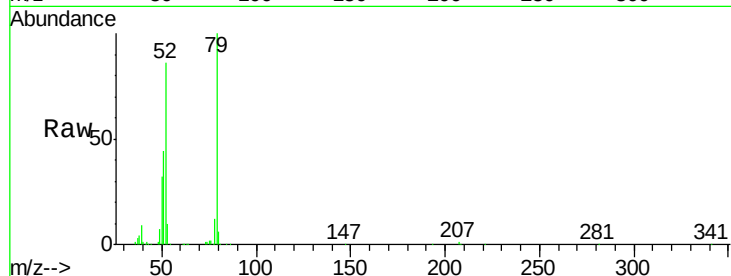
ClientSampleId :

SSTDCCC040EC

Manual Integrations
APPROVED

mohammad
1/20/2016 2:23:06 PM

Tot Ion	Ion	Ratio	Lower	Upper
79	100			
52	86.5	49.0	73.4#	
51	43.6	25.2	37.8#	



#4

n-Nitrosodimethylamine

Concen: 32.86 ng

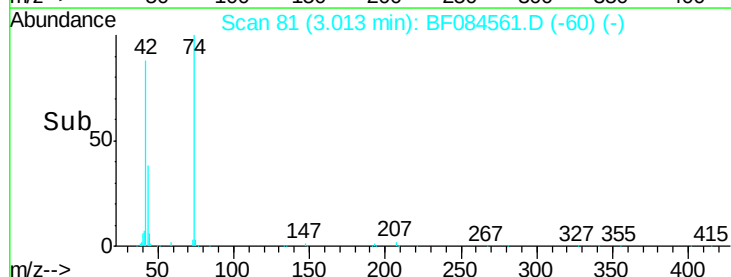
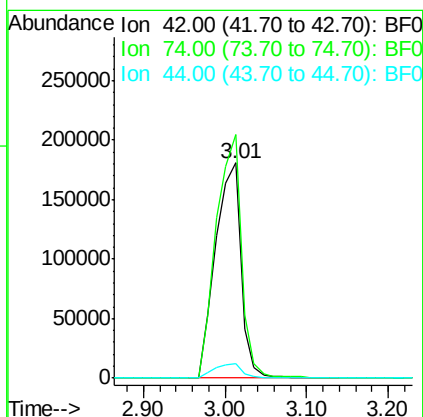
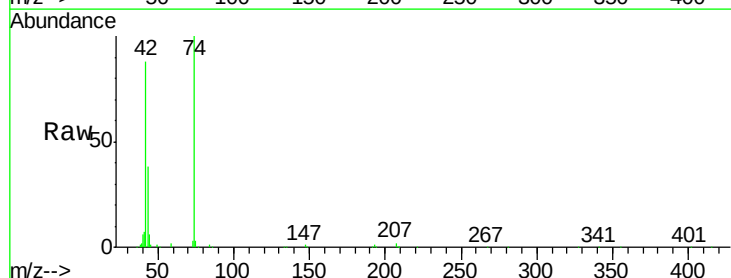
RT: 3.01 min Scan# 81

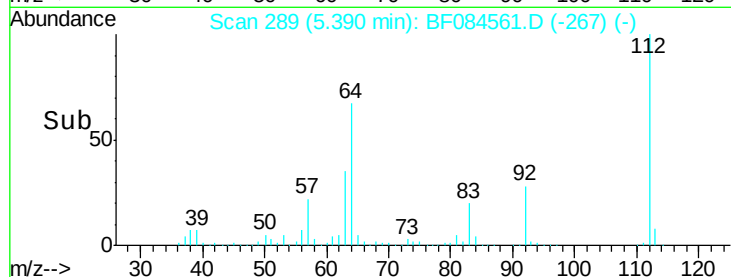
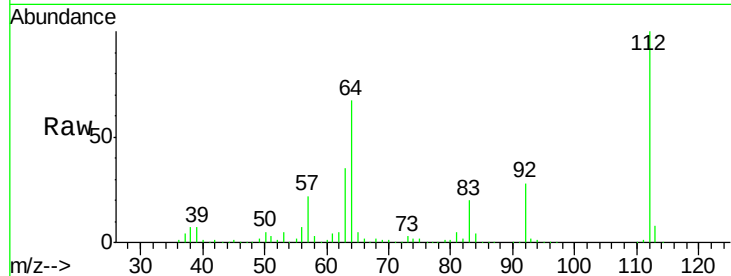
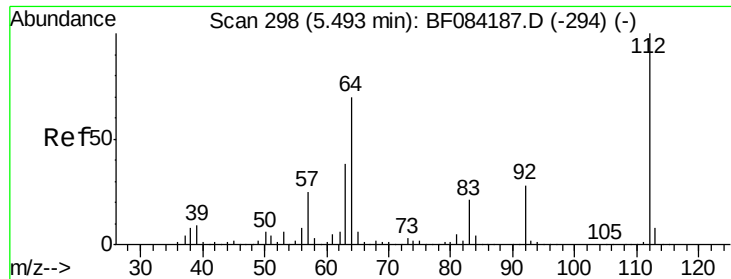
Delta R.T. -0.06 min

Lab File: BF084561.D

Acq: 19 Jan 2016 19:24

Tgt Ion	Ion	Ratio	Lower	Upper
42	100			
74	113.2	115.7	173.5#	
44	6.9	5.1	7.7	





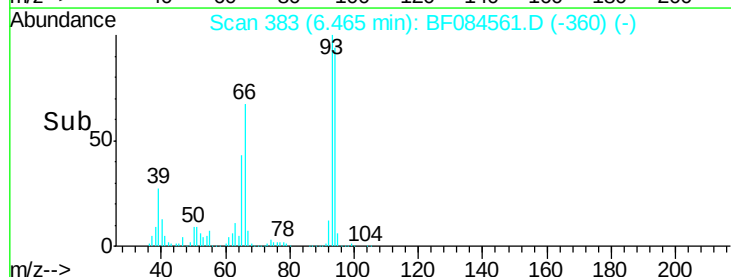
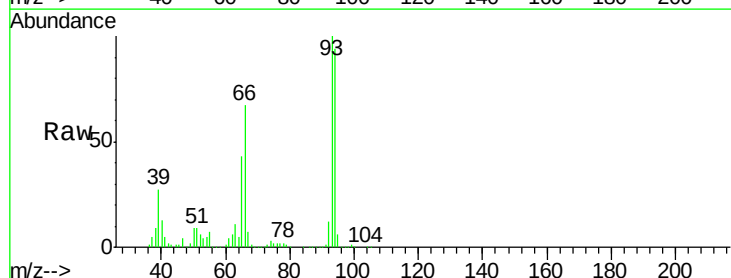
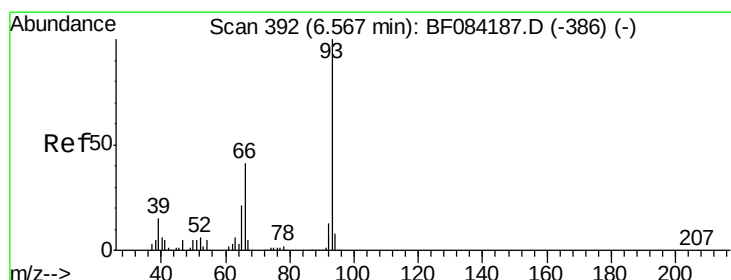
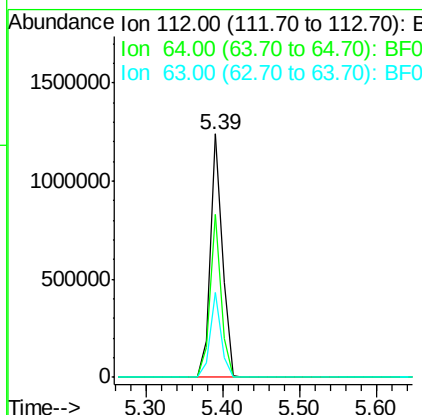
#5
2-Fluorophenol
Concen: 74.52 ng
RT: 5.39 min Scan# 289
Delta R.T. -0.05 min
Lab File: BF084561.D
Acq: 19 Jan 2016 19:24

Tot Ion: 112 Resp: 1324858
Ion Ratio Lower Upper
112 100
64 66.7 36.6 55.0#
63 34.7 19.4 29.0#

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

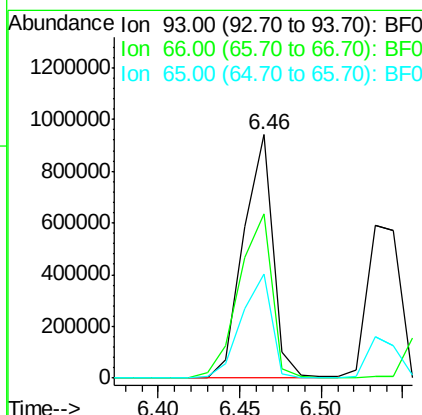
Manual Integrations
APPROVED

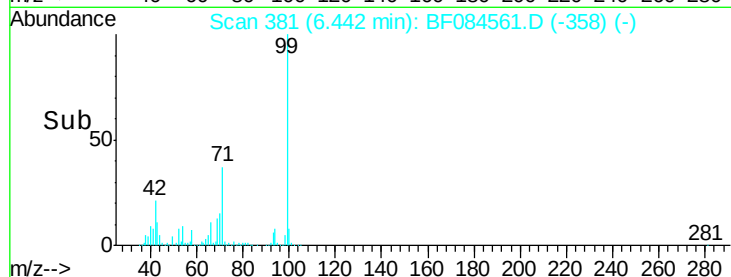
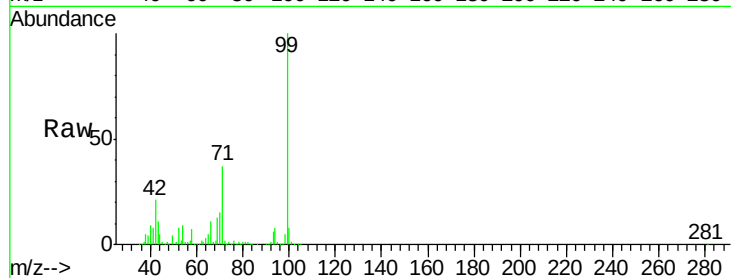
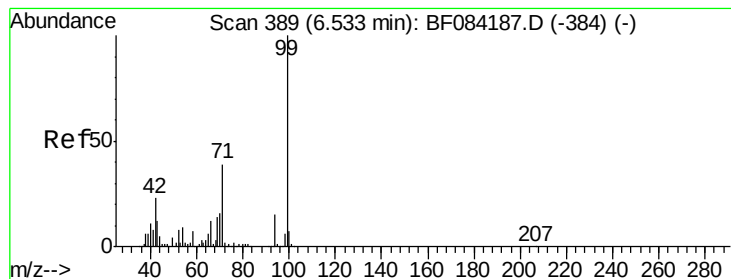
mohammad
1/20/2016 2:23:06 PM



#6
Aniline
Concen: 36.07 ng
RT: 6.46 min Scan# 383
Delta R.T. -0.03 min
Lab File: BF084561.D
Acq: 19 Jan 2016 19:24

Tgt Ion: 93 Resp: 1178303
Ion Ratio Lower Upper
93 100
66 67.4 44.9 67.3#
65 42.6 23.7 35.5#





#7

Phenol-d6

Concen: 80.58 ng

RT: 6.44 min Scan# 381

Delta R.T. -0.03 min

Lab File: BF084561.D

Acq: 19 Jan 2016 19:24

Tot Ion:	99	Resp:	1799262
Ion	Ratio	Lower	Upper
99	100		
42	21.3	12.8	19.2#
71	36.6	30.9	46.3

Instrument :

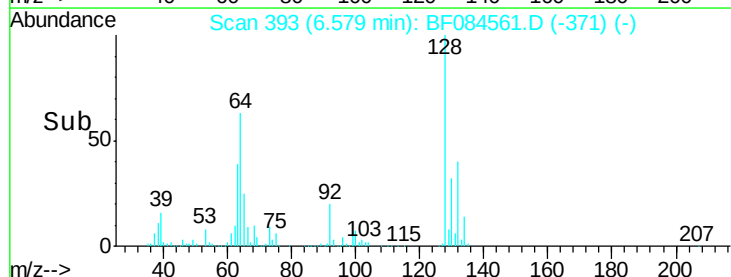
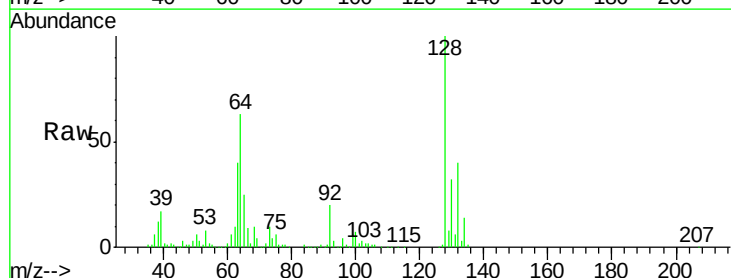
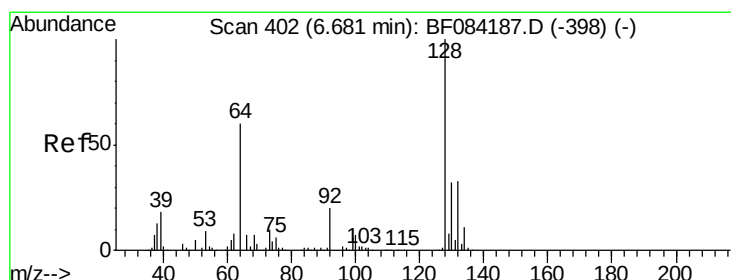
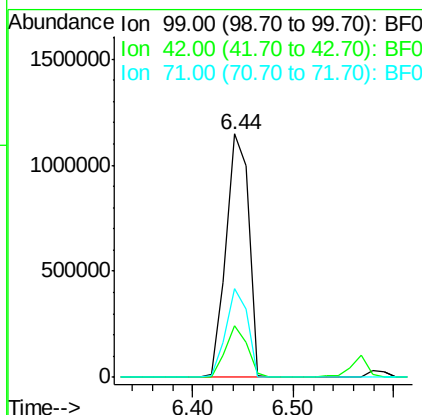
BNA_F

ClientSampleId :

SSTDCCC040EC

Manual Integrations
APPROVED

mohammad
1/20/2016 2:23:06 PM



#8

2-Chlorophenol

Concen: 39.00 ng

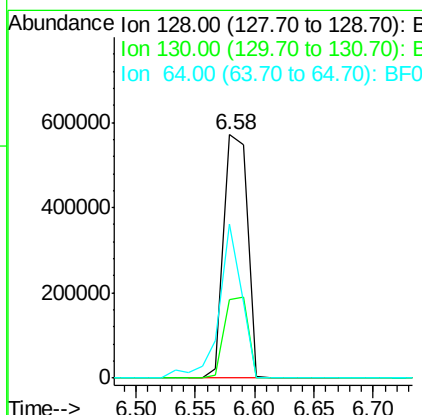
RT: 6.58 min Scan# 393

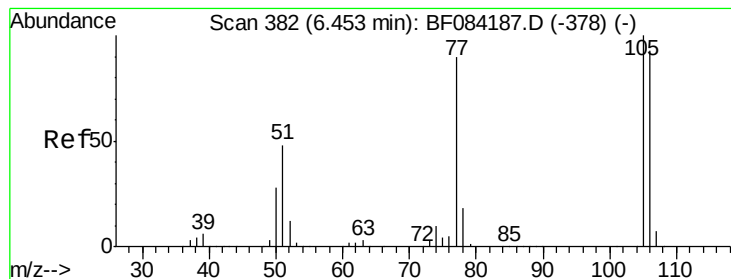
Delta R.T. -0.05 min

Lab File: BF084561.D

Acq: 19 Jan 2016 19:24

Tgt Ion:	128	Resp:	786583
Ion	Ratio	Lower	Upper
128	100		
130	32.3	11.6	51.6
64	63.4	23.8	63.8





#9

Benzaldehyde

Concen: 36.01 ng

RT: 6.34 min Scan# 372

Delta R.T. -0.05 min

Lab File: BF084561.D

Acq: 19 Jan 2016 19:24

Instrument :

BNA_F

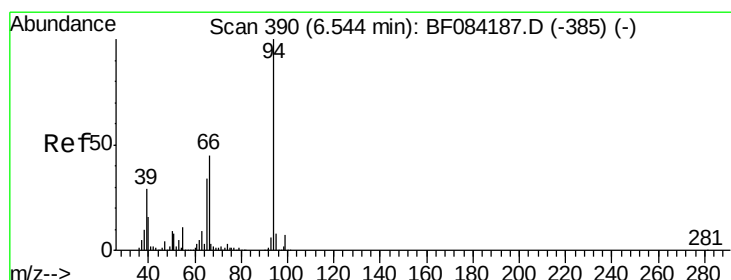
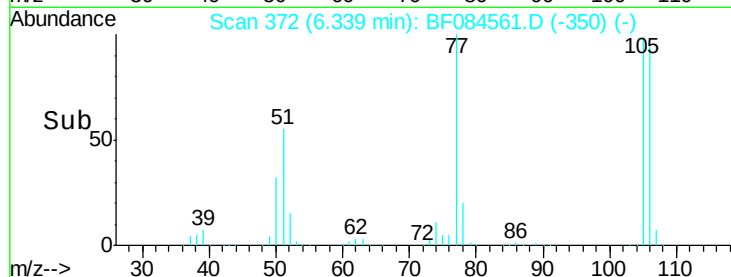
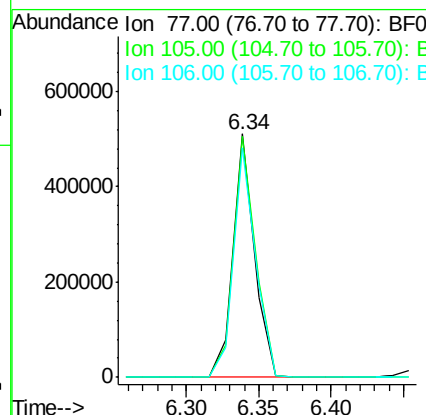
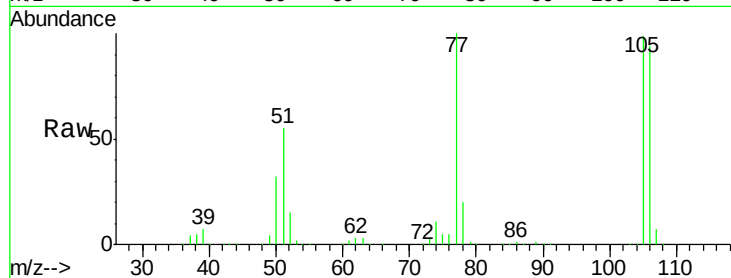
ClientSampleId :

SSTDCCC040EC

Tot Ion:	77	Resp:	523537
Ion Ratio	Lower	Upper	
77	100		
105	98.9	83.0	123.0
106	94.5	74.6	114.6

Manual Integrations
APPROVED

mohammad
1/20/2016 2:23:06 PM



#10

Phenol

Concen: 39.48 ng

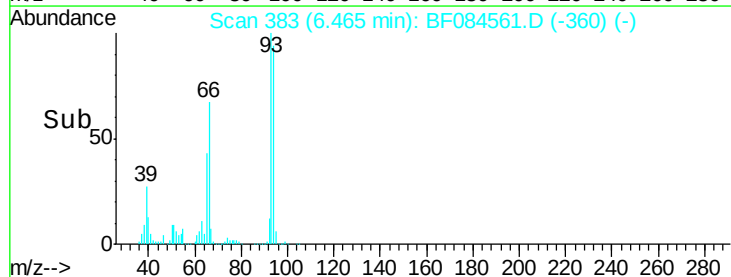
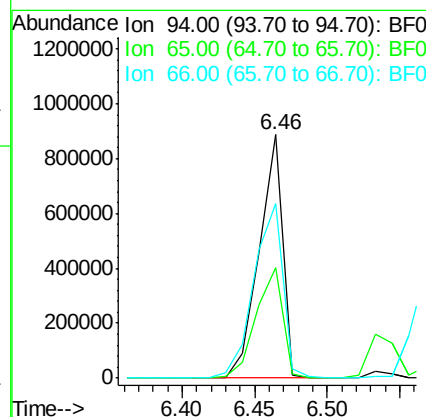
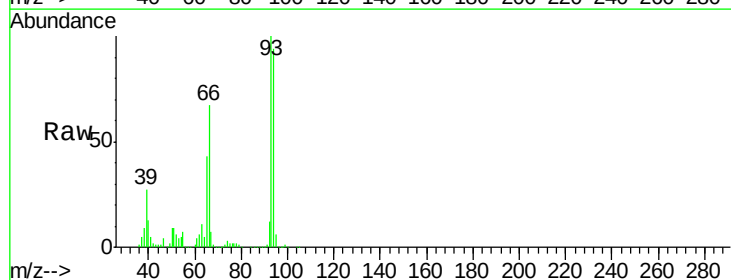
RT: 6.46 min Scan# 383

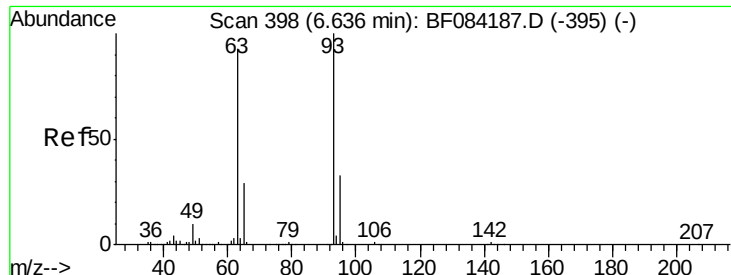
Delta R.T. -0.03 min

Lab File: BF084561.D

Acq: 19 Jan 2016 19:24

Tgt Ion:	94	Resp:	1002186
Ion Ratio	Lower	Upper	
94	100		
65	45.2	12.9	52.9
66	71.5	32.7	72.7





#11

bis(2-Chloroethyl)ether

Concen: 41.14 ng

RT: 6.53 min Scan# 389

Delta R.T. -0.05 min

Lab File: BF084561.D

Acq: 19 Jan 2016 19:24

Instrument :

BNA_F

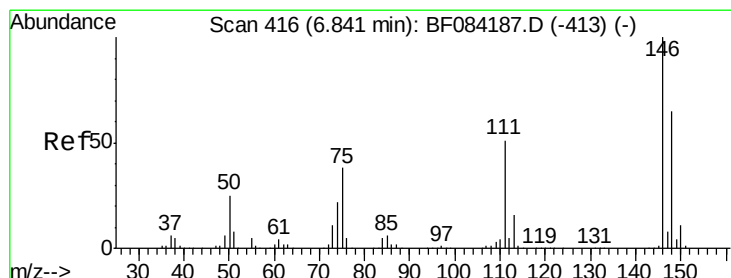
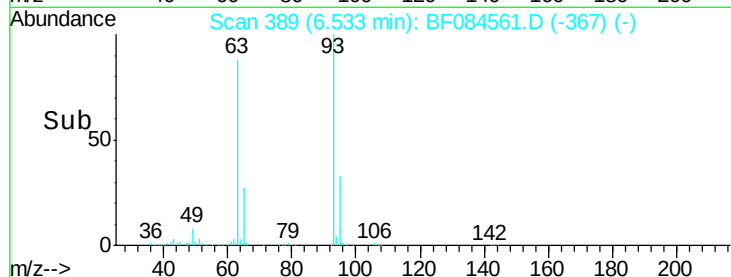
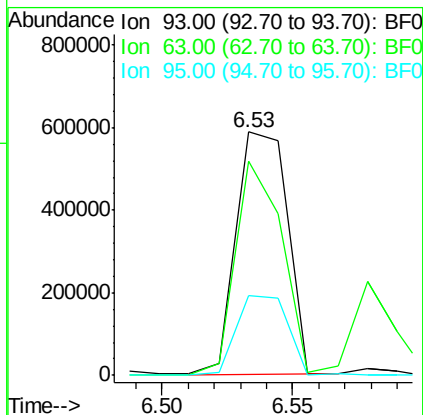
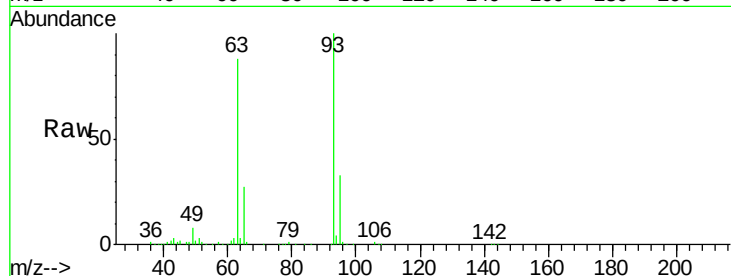
ClientSampleId :

SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
93	100		
63	88.1	45.9	85.9#
95	32.6	12.3	52.3

Manual Integrations
APPROVED

mohammad
1/20/2016 2:23:06 PM



#12

1,3-Dichlorobenzene

Concen: 42.58 ng

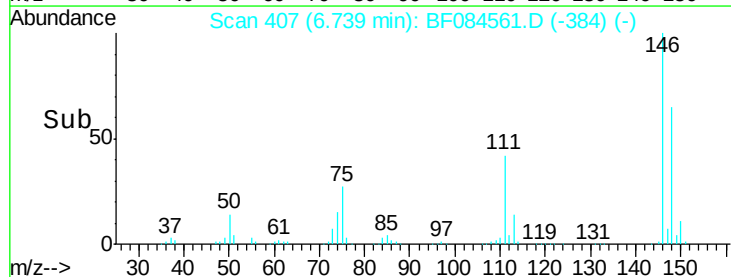
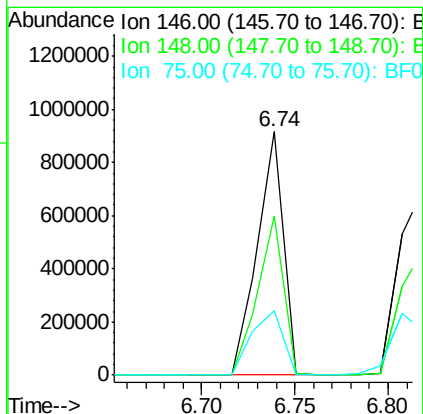
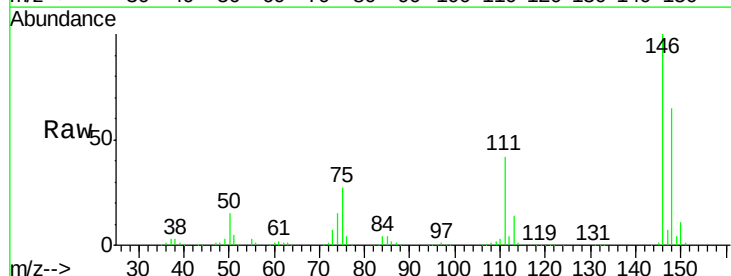
RT: 6.74 min Scan# 407

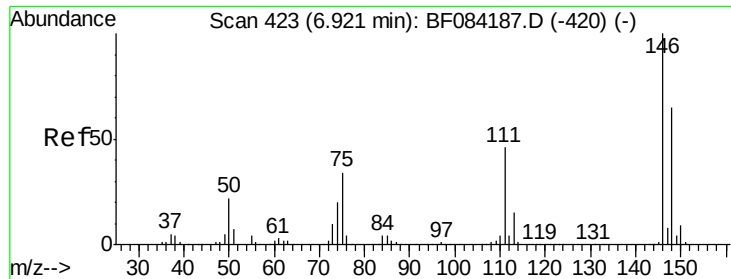
Delta R.T. -0.03 min

Lab File: BF084561.D

Acq: 19 Jan 2016 19:24

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.5	51.9	77.9
75	26.6	20.5	30.7





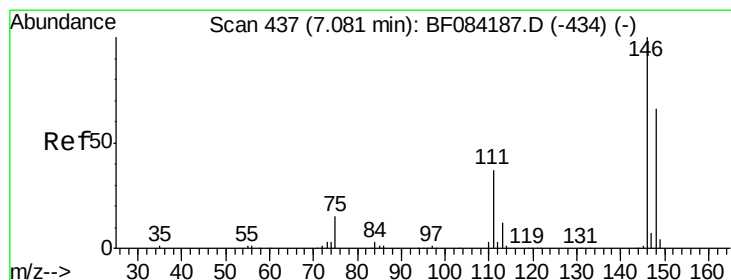
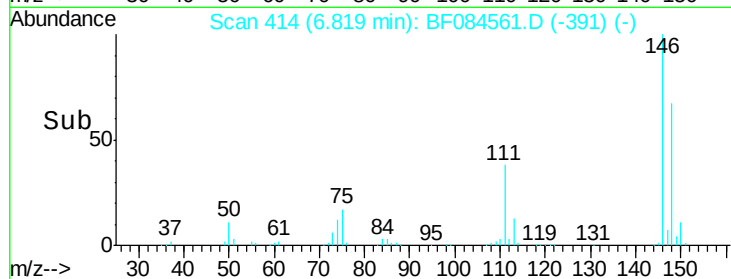
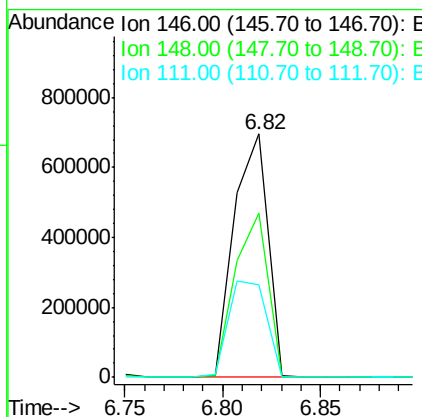
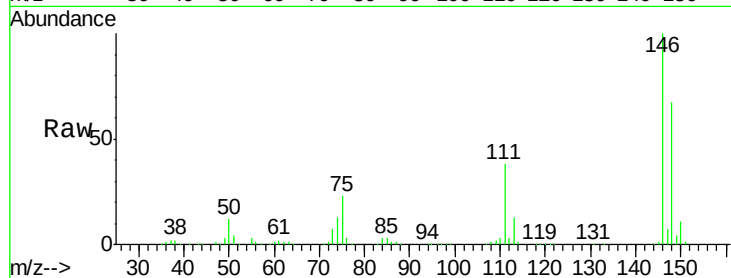
#13
 1,4-Dichlorobenzene
 Concen: 40.62 ng m
 RT: 6.82 min Scan# 414
 Delta R.T. -0.03 min
 Lab File: BF084561.D
 Acq: 19 Jan 2016 19:24

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
146	100		
148	67.2	51.9	77.9
111	38.2	41.6	62.4#

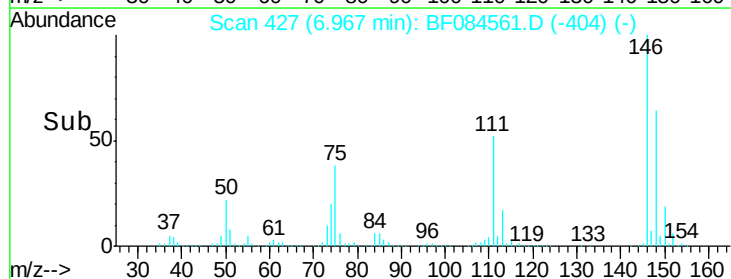
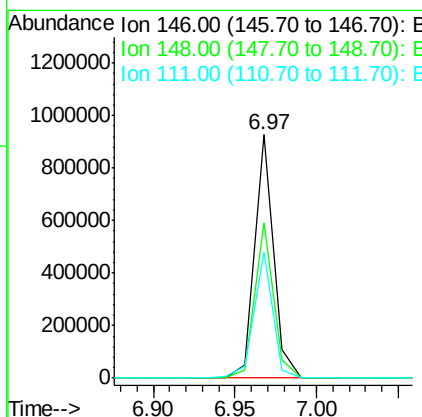
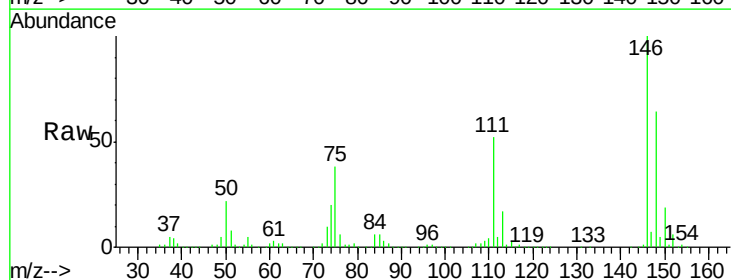
Manual Integrations
 APPROVED

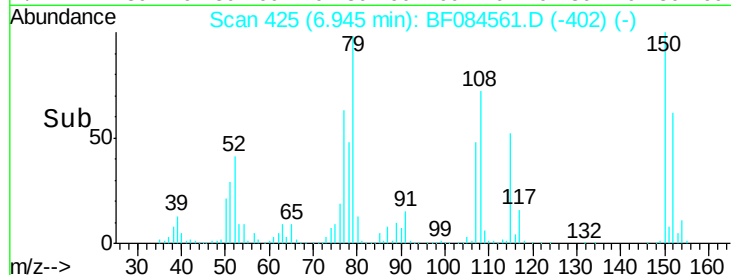
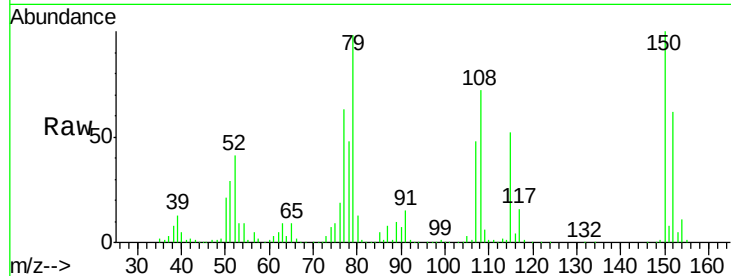
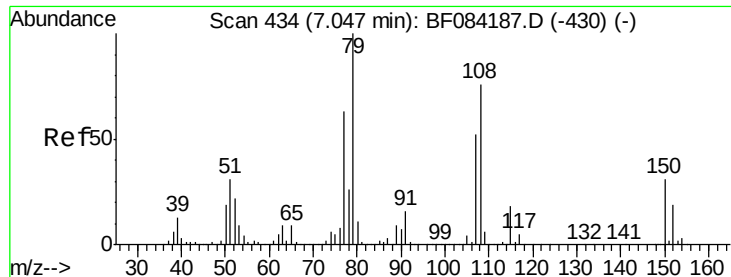
mohammad
 1/20/2016 2:23:06 PM



#14
 1,2-Dichlorobenzene
 Concen: 37.34 ng
 RT: 6.97 min Scan# 427
 Delta R.T. -0.03 min
 Lab File: BF084561.D
 Acq: 19 Jan 2016 19:24

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.6	51.6	77.4
111	51.7	38.0	57.0





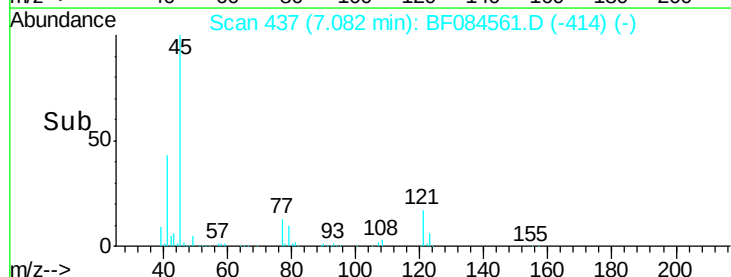
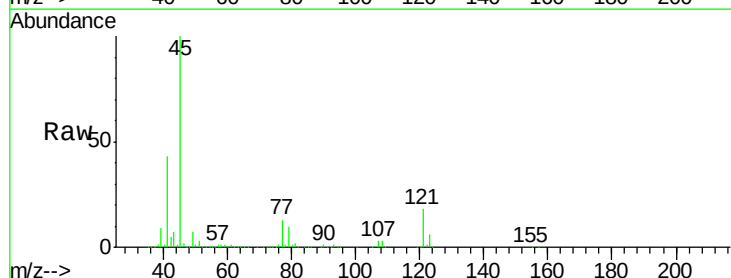
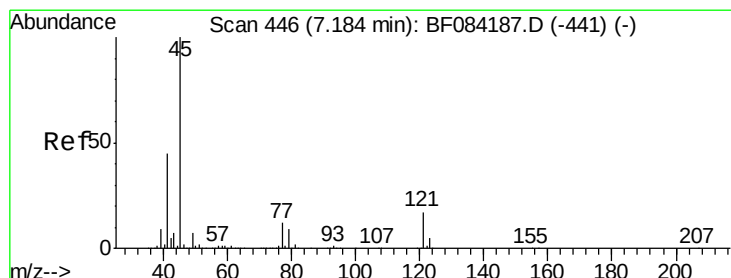
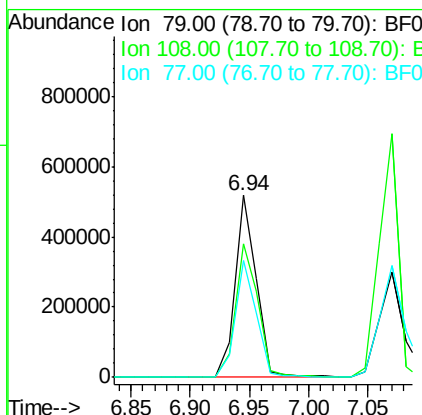
#15
Benzyl Alcohol
Concen: 34.29 ng
RT: 6.94 min Scan# 425
Delta R.T. -0.03 min
Lab File: BF084561.D
Acq: 19 Jan 2016 19:24

Tot Ion	Ratio	Lower	Upper
79	100		
108	73.3	69.0	103.4
77	64.3	50.0	75.0

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

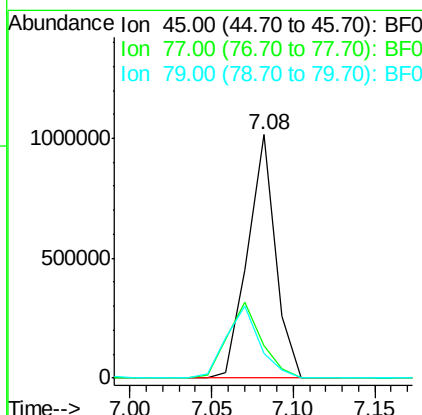
Manual Integrations
APPROVED

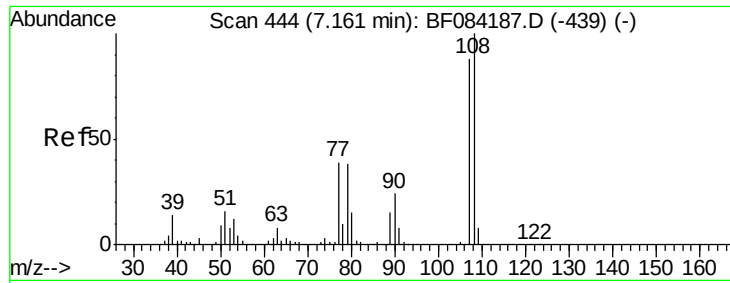
mohammad
1/20/2016 2:23:06 PM



#16
2,2'-oxybis(1-Chloropropane)
Concen: 33.40 ng
RT: 7.08 min Scan# 437
Delta R.T. -0.03 min
Lab File: BF084561.D
Acq: 19 Jan 2016 19:24

Tgt Ion	Ratio	Lower	Upper
45	100		
77	13.2	0.0	39.6
79	10.2	0.0	35.0





#17

2-Methylphenol

Concen: 40.06 ng

RT: 7.07 min Scan# 436

Delta R.T. -0.03 min

Lab File: BF084561.D

Acq: 19 Jan 2016 19:24

Instrument :

BNA_F

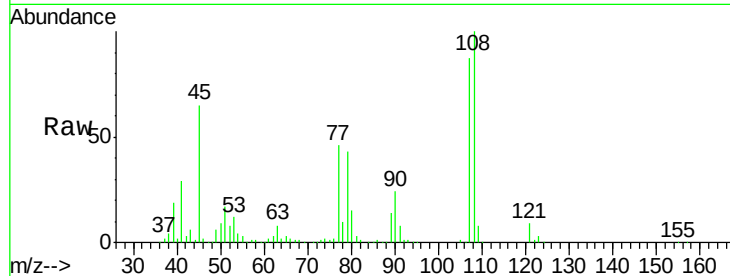
ClientSampleId :

SSTDCCC040EC

Tot Ion:	107	Resp:	677248
Ion Ratio	Lower	Upper	
107	100		
108	115.5	89.8	134.6
77	52.9	35.7	53.5
79	49.9	35.7	53.5

Manual Integrations
APPROVED

mohammad
1/20/2016 2:23:06 PM

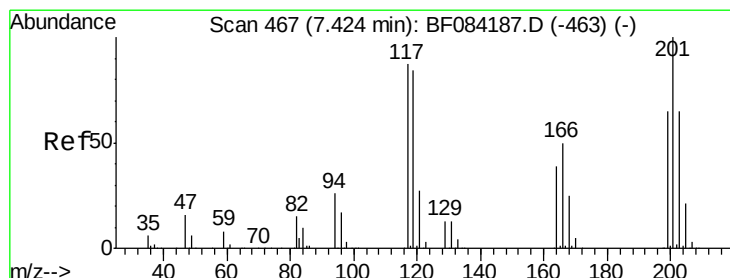
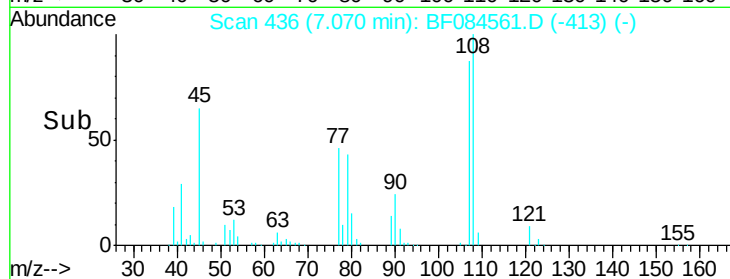
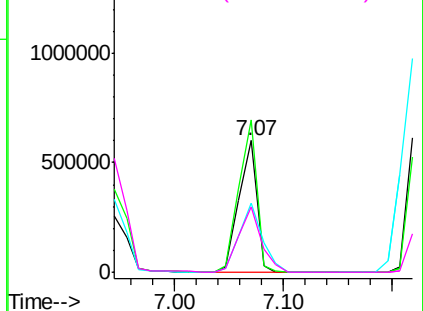


Abundance Ion 107.00 (106.70 to 107.70): E

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: 41.18 ng

RT: 7.31 min Scan# 457

Delta R.T. -0.03 min

Lab File: BF084561.D

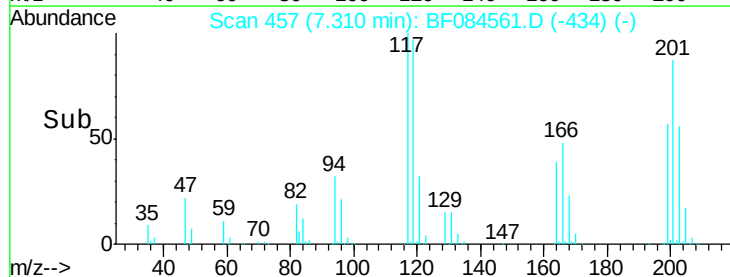
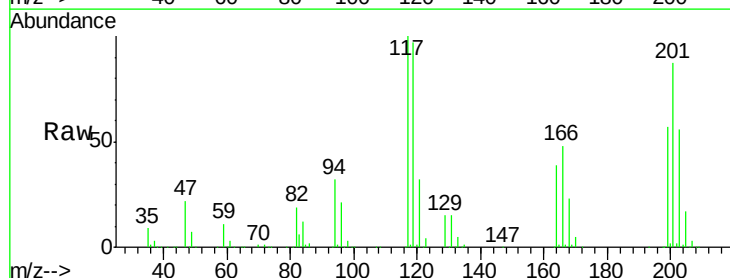
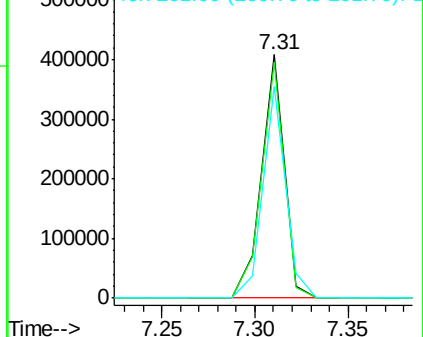
Acq: 19 Jan 2016 19:24

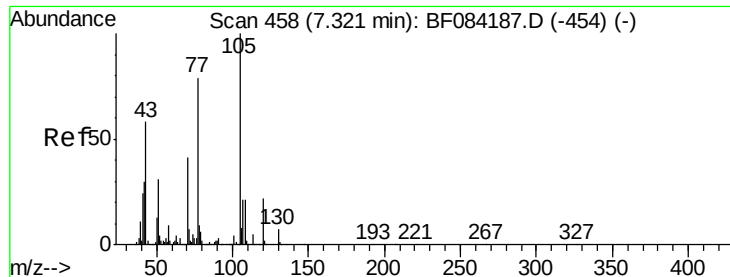
Tgt Ion:	117	Resp:	343569
Ion Ratio	Lower	Upper	
117	100		
119	97.0	77.4	116.0
201	86.8	68.6	103.0

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





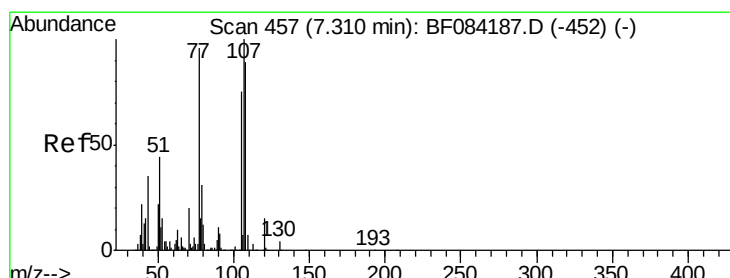
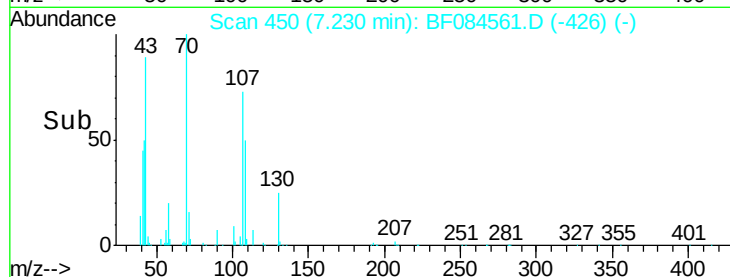
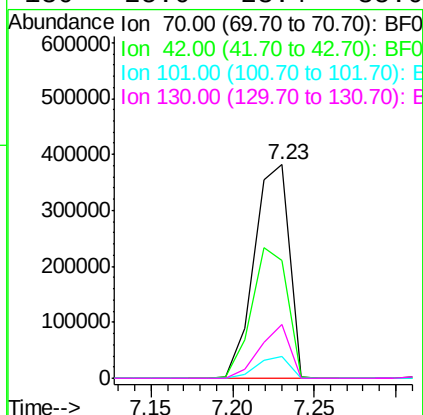
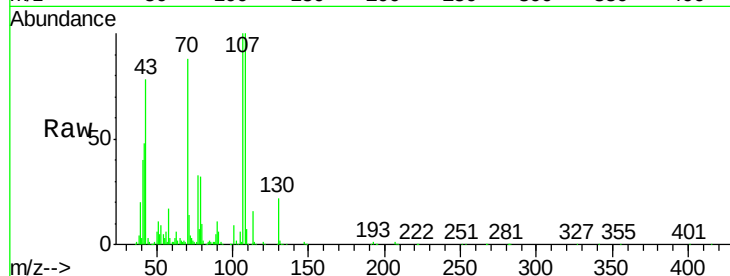
#19
n-Nitroso-di-n-propylamine
Concen: 37.68 ng
RT: 7.23 min Scan# 450
Delta R.T. -0.02 min
Lab File: BF084561.D
Acq: 19 Jan 2016 19:24

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Resp Lower	Upper
70	100		
42	55.1	33.3	49.9#
101	10.5	9.3	13.9
130	25.0	23.4	35.0

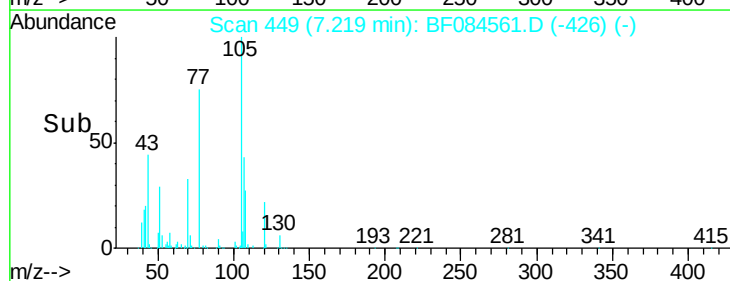
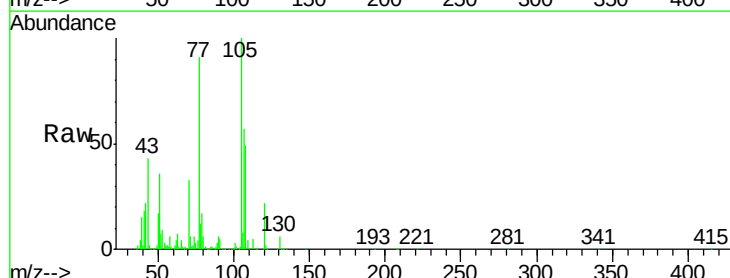
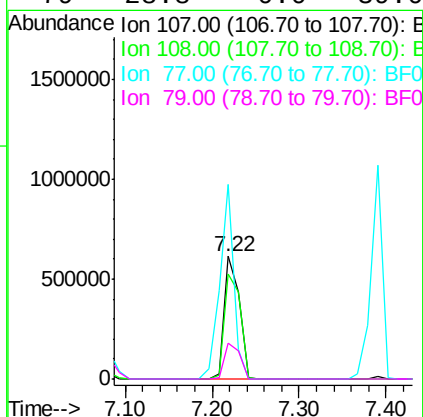
Manual Integrations
APPROVED

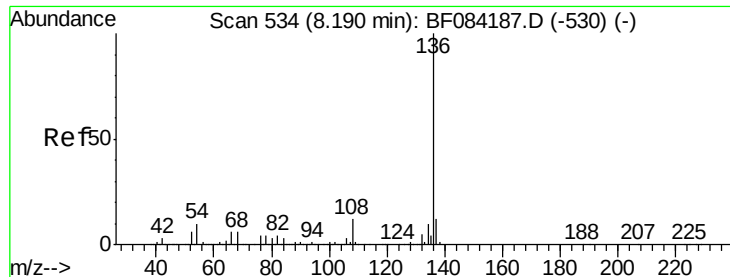
mohammad
1/20/2016 2:23:06 PM



#20
3+4-Methylphenols
Concen: 37.49 ng
RT: 7.22 min Scan# 449
Delta R.T. -0.03 min
Lab File: BF084561.D
Acq: 19 Jan 2016 19:24

Tgt Ion	Ratio	Resp Lower	Upper
107	100		
108	85.9	74.6	114.6
77	159.0	0.7	40.7#
79	28.8	0.0	39.0





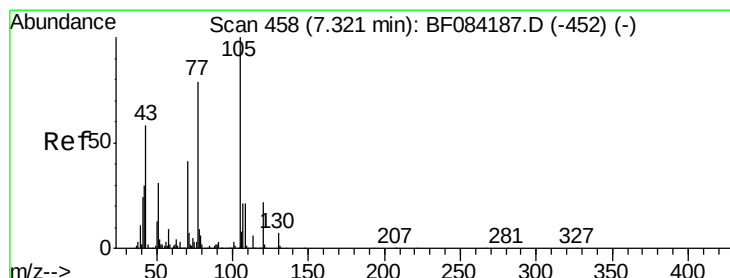
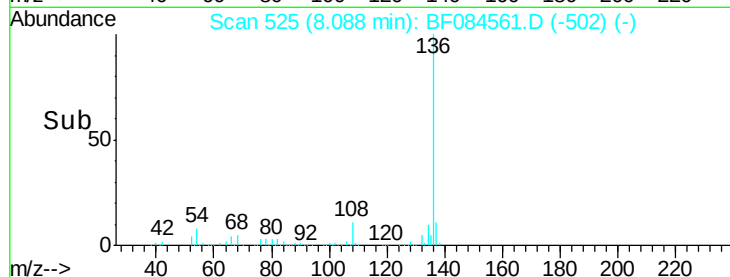
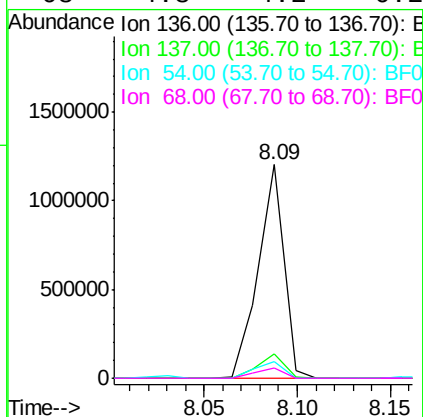
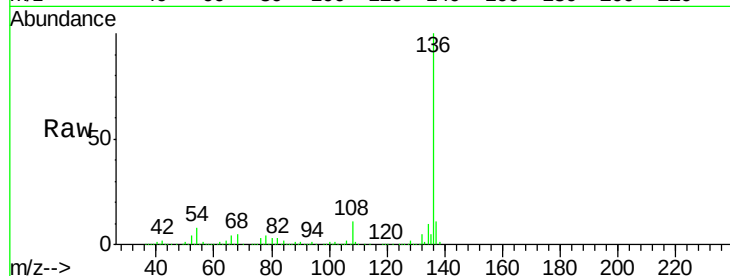
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.09 min Scan# 525
Delta R.T. -0.03 min
Lab File: BF084561.D
Acq: 19 Jan 2016 19:24

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	136	Resp	1145917
Ion Ratio	Lower	Upper	
136	100		
137	11.4	8.7	13.1
54	7.7	5.8	8.8
68	4.8	4.2	6.2

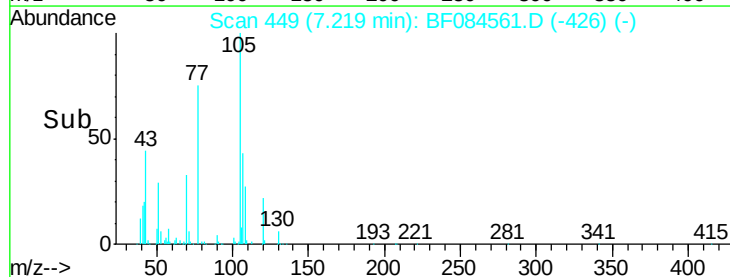
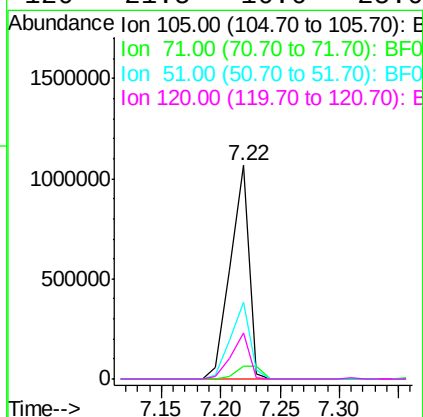
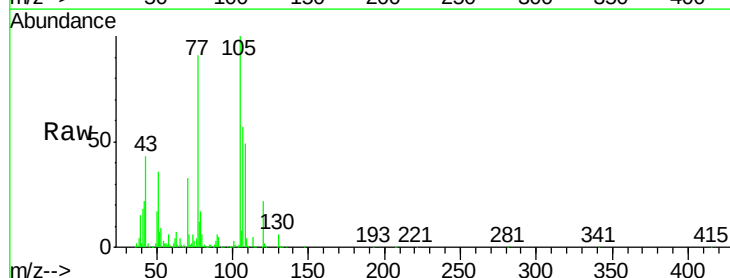
Manual Integrations
APPROVED

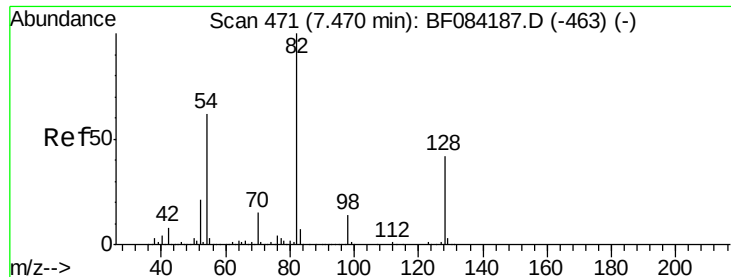
mohammad
1/20/2016 2:23:06 PM



#22
Acetophenone
Concen: 42.19 ng
RT: 7.22 min Scan# 449
Delta R.T. -0.03 min
Lab File: BF084561.D
Acq: 19 Jan 2016 19:24

Tgt Ion	105	Resp	1162651
Ion Ratio	Lower	Upper	
105	100		
71	5.7	3.7	5.5#
51	35.7	25.1	37.7
120	21.5	16.6	25.0





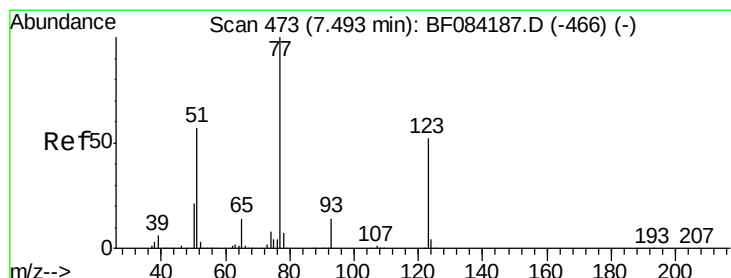
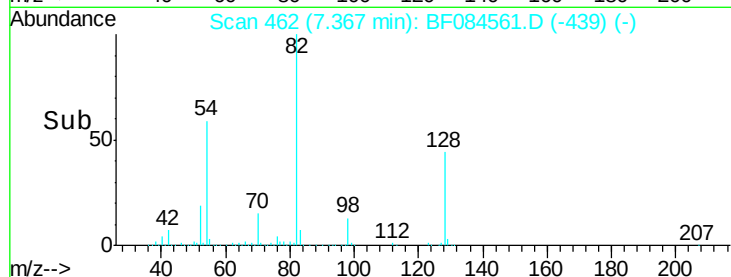
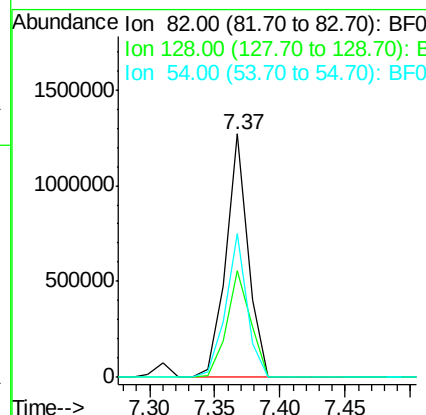
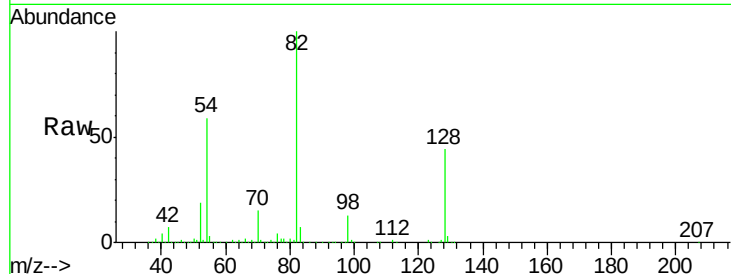
#23
 Nitrobenzene-d5
 Concen: 73.12 ng
 RT: 7.37 min Scan# 462
 Delta R.T. -0.03 min
 Lab File: BF084561.D
 Acq: 19 Jan 2016 19:24

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tot Ion	82	Resp	1505485
Ion Ratio	100	Lower	Upper
128	43.7	34.6	51.8
54	59.2	38.4	57.6

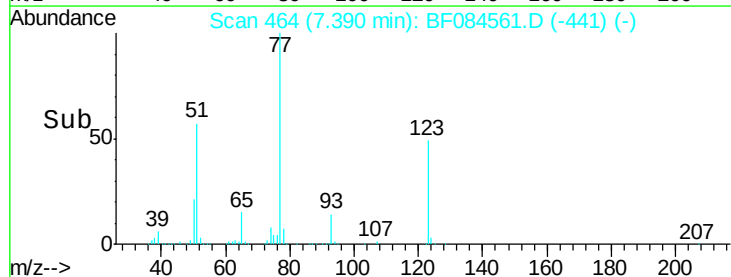
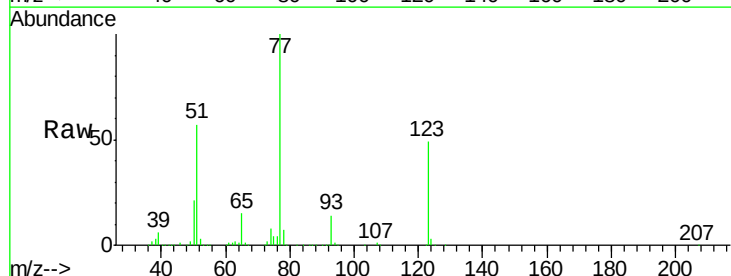
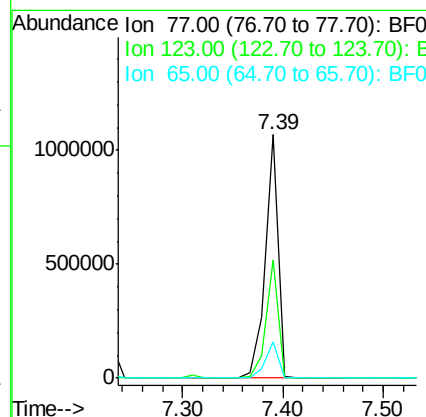
Manual Integrations
 APPROVED

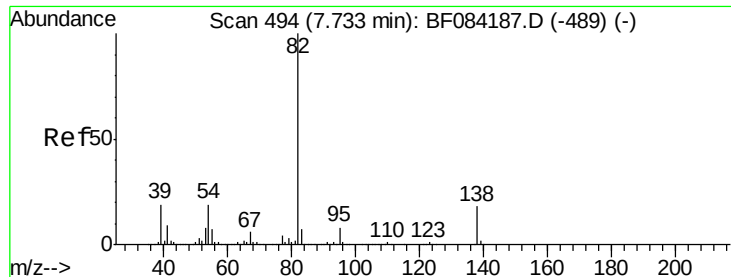
mohammad
 1/20/2016 2:23:06 PM



#24
 Nitrobenzene
 Concen: 45.16 ng
 RT: 7.39 min Scan# 464
 Delta R.T. -0.03 min
 Lab File: BF084561.D
 Acq: 19 Jan 2016 19:24

Tgt Ion	77	Resp	943067
Ion Ratio	100	Lower	Upper
123	48.6	37.4	56.2
65	14.7	10.9	16.3





#25

Isophorone

Concen: 38.86 ng

RT: 7.63 min Scan# 485

Delta R.T. -0.03 min

Lab File: BF084561.D

Acq: 19 Jan 2016 19:24

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tot Ion: 82 Resp: 1530213

Ion Ratio Lower Upper

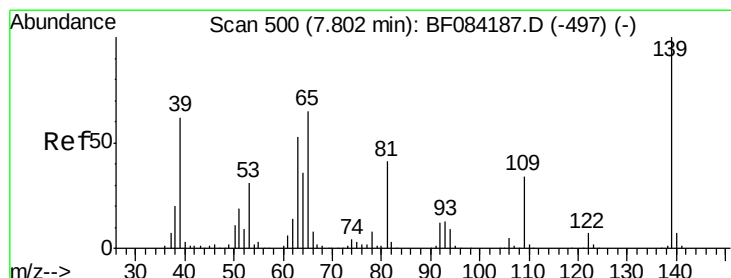
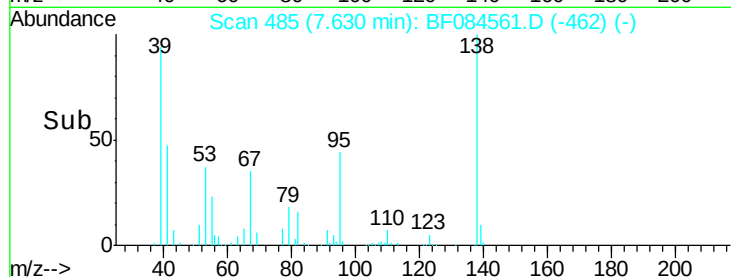
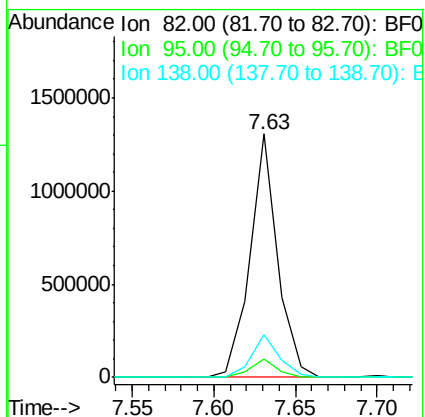
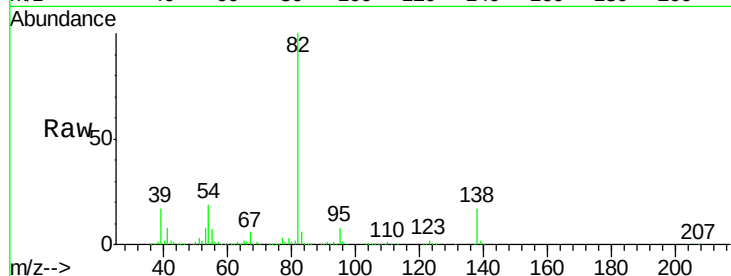
82 100

95 7.7 6.6 10.0

138 17.3 13.6 20.4

Manual Integrations
APPROVED

mohammad
1/20/2016 2:23:06 PM



#26

2-Nitrophenol

Concen: 41.49 ng

RT: 7.70 min Scan# 491

Delta R.T. -0.05 min

Lab File: BF084561.D

Acq: 19 Jan 2016 19:24

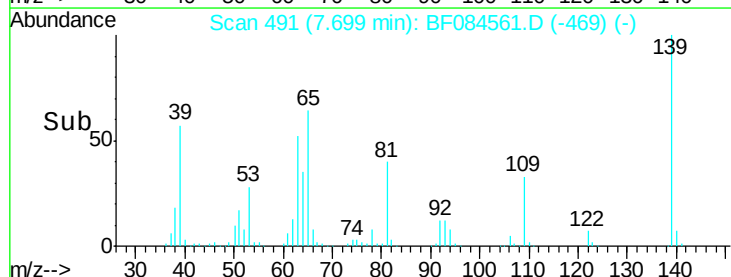
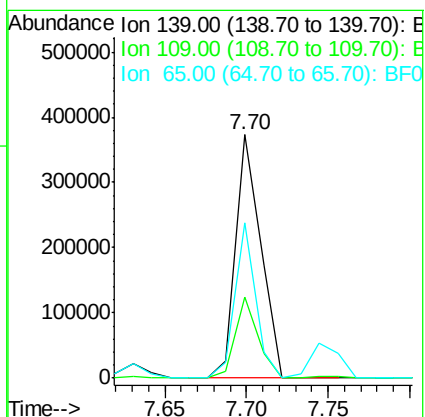
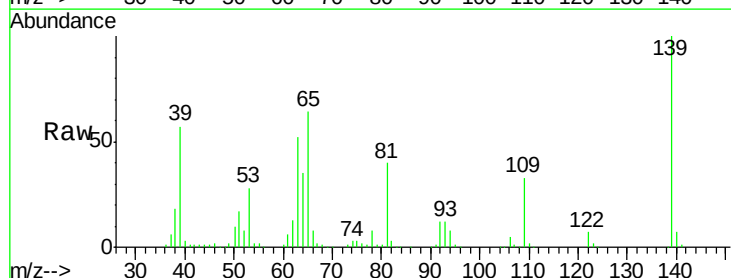
Tgt Ion: 139 Resp: 394314

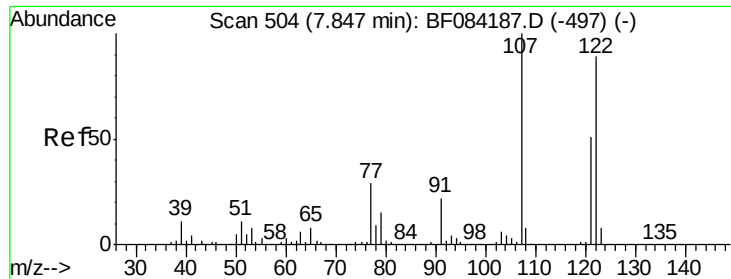
Ion Ratio Lower Upper

139 100

109 33.0 25.4 38.2

65 63.8 32.3 48.5#





#27

2,4-Dimethylphenol

Concen: 37.56 ng

RT: 7.76 min Scan# 496

Delta R.T. -0.02 min

Lab File: BF084561.D

Acq: 19 Jan 2016 19:24

Instrument :

BNA_F

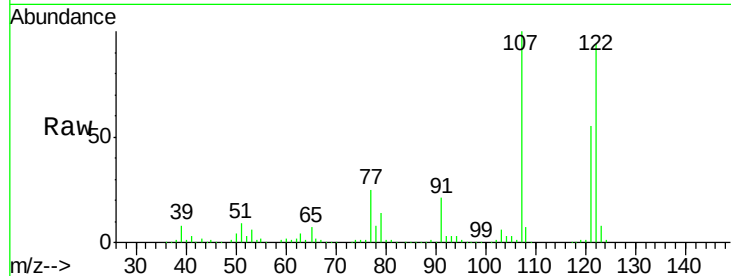
ClientSampleId :

SSTDCCC040EC

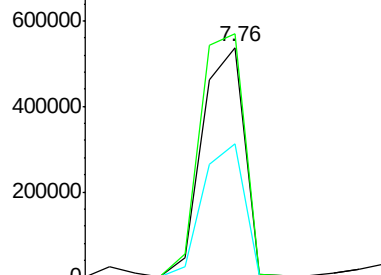
Tot Ion:	122	Resp:	722510
Ion Ratio	Lower	Upper	
122	100		
107	105.9	99.1	148.7
121	57.9	47.9	71.9

Manual Integrations
APPROVED

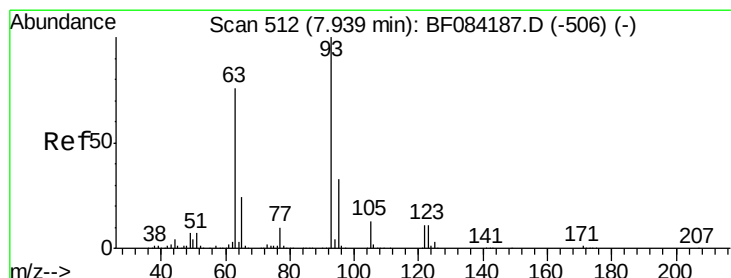
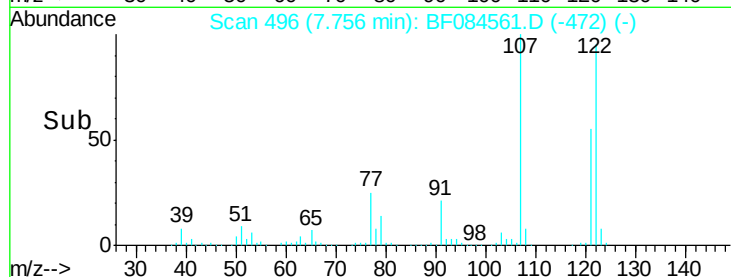
mohammad
1/20/2016 2:23:06 PM



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



Time-->



#28

bis(2-Chloroethoxy)methane

Concen: 40.79 ng

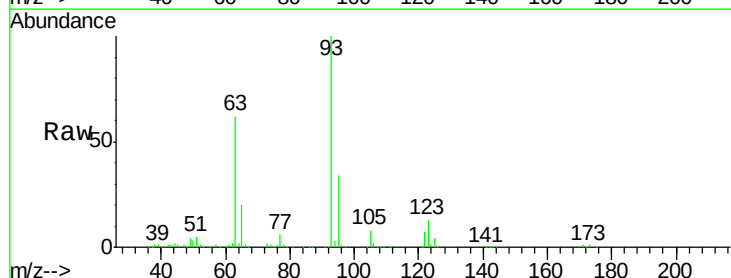
RT: 7.85 min Scan# 504

Delta R.T. -0.03 min

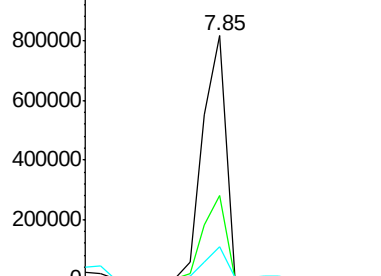
Lab File: BF084561.D

Acq: 19 Jan 2016 19:24

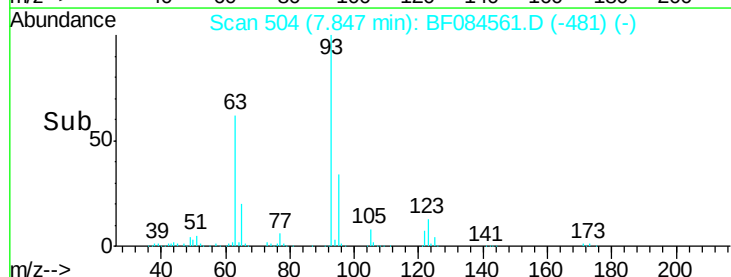
Tgt Ion:	93	Resp:	981210
Ion Ratio	Lower	Upper	
93	100		
95	34.1	25.8	38.6
123	13.2	8.6	12.8#

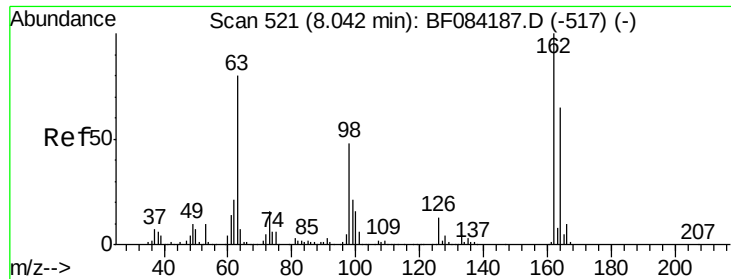


Abundance Ion 93.00 (92.70 to 93.70): BF0
Ion 95.00 (94.70 to 95.70): BF0
Ion 123.00 (122.70 to 123.70): E



Time-->





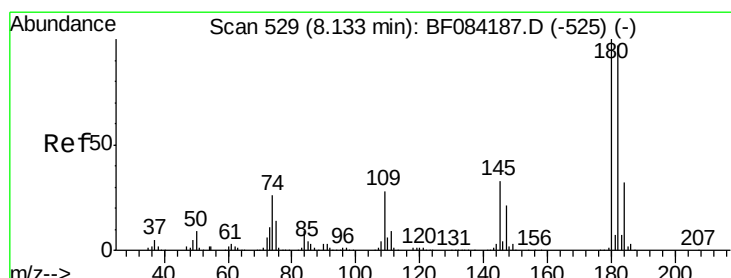
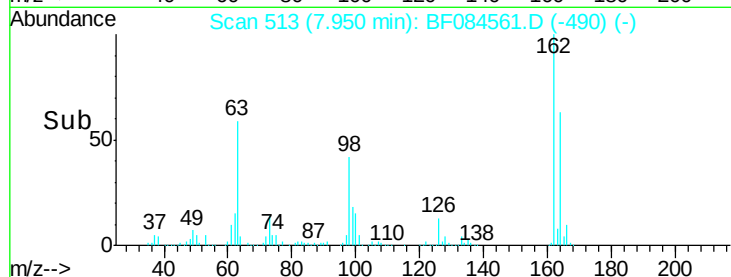
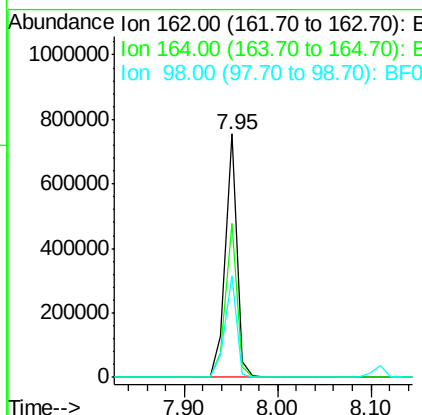
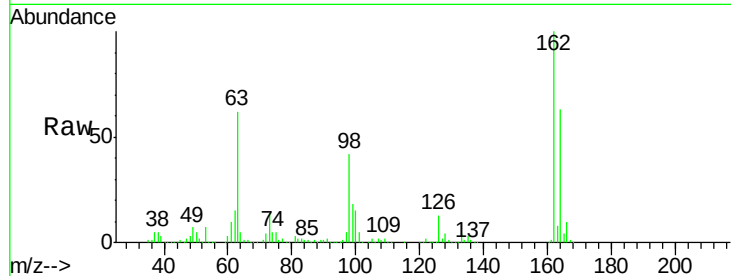
#29
 2,4-Dichlorophenol
 Concen: 40.26 ng
 RT: 7.95 min Scan# 513
 Delta R.T. -0.03 min
 Lab File: BF084561.D
 Acq: 19 Jan 2016 19:24

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tot Ion:	162	Resp:	645218
Ion Ratio	Lower	Upper	
162	100		
164	63.4	44.1	84.1
98	41.9	20.2	60.2

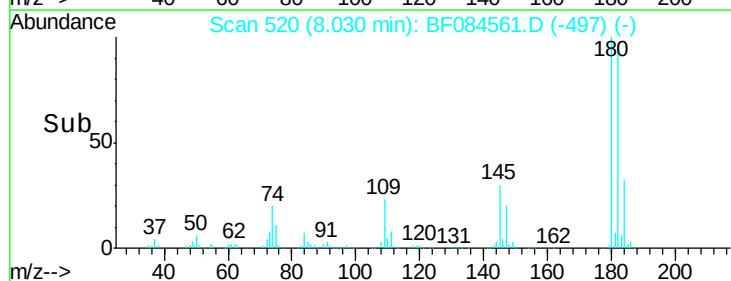
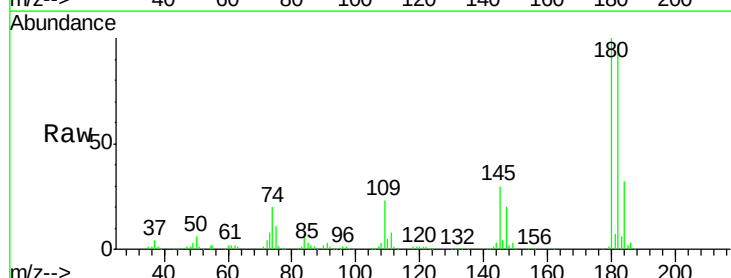
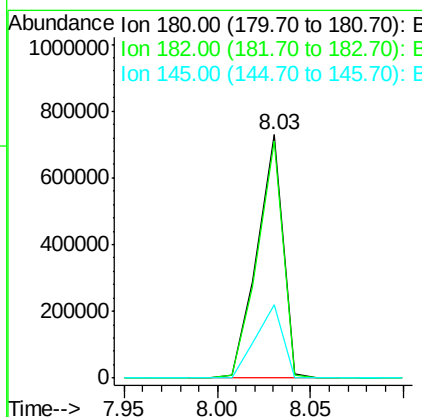
Manual Integrations
 APPROVED

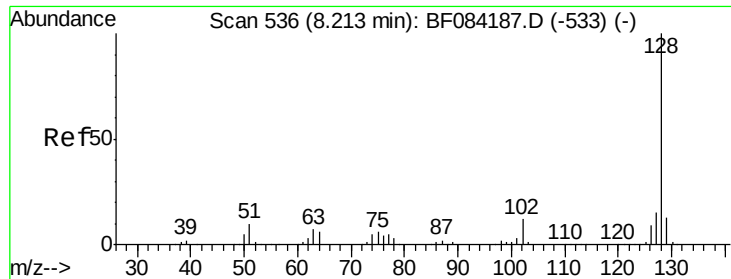
mohammad
 1/20/2016 2:23:06 PM



#30
 1,2,4-Trichlorobenzene
 Concen: 43.00 ng
 RT: 8.03 min Scan# 520
 Delta R.T. -0.03 min
 Lab File: BF084561.D
 Acq: 19 Jan 2016 19:24

Tgt Ion:	180	Resp:	711328
Ion Ratio	Lower	Upper	
180	100		
182	97.2	76.4	114.6
145	30.3	31.6	47.4#





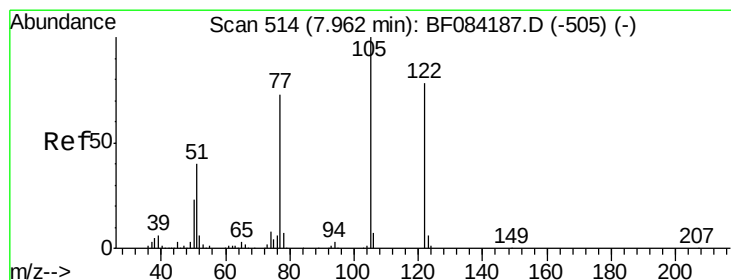
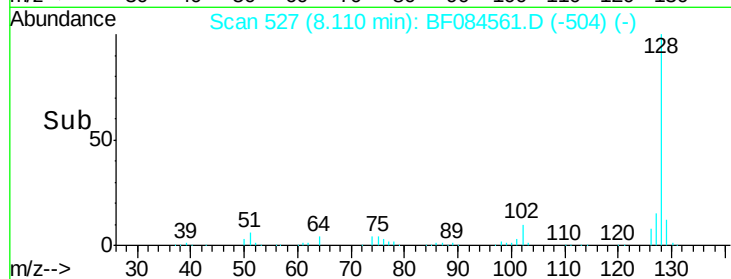
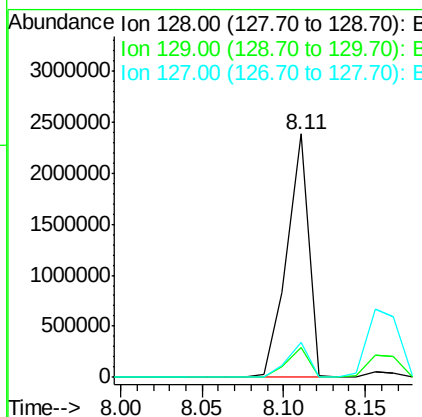
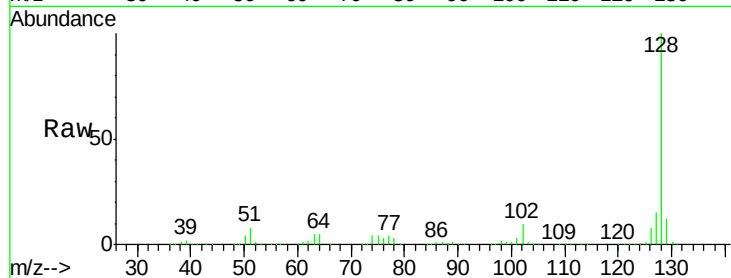
#31
Naphthalene
Concen: 43.01 ng
RT: 8.11 min Scan# 527
Delta R.T. -0.03 min
Lab File: BF084561.D
Acq: 19 Jan 2016 19:24

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion:128 Resp: 2235948
Ion Ratio Lower Upper
128 100
129 12.0 9.1 13.7
127 14.5 11.1 16.7

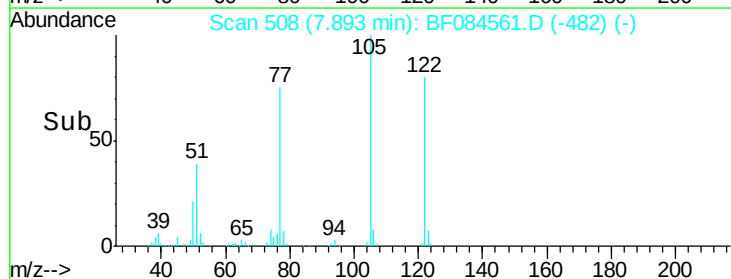
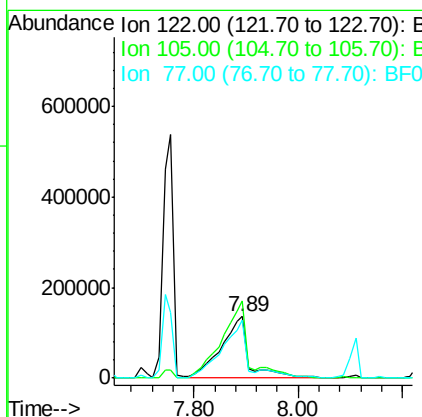
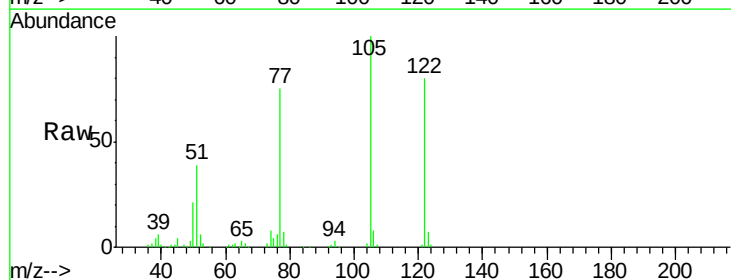
Manual Integrations
APPROVED

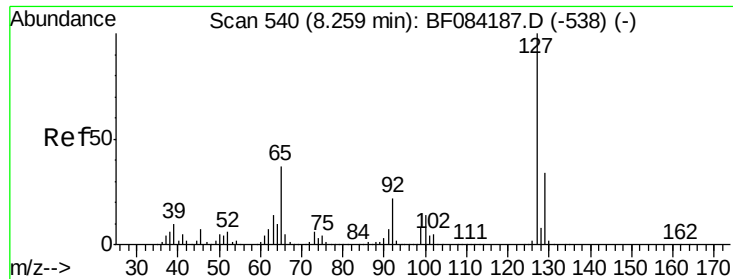
mohammad
1/20/2016 2:23:06 PM



#32
Benzoic acid
Concen: 40.90 ng
RT: 7.89 min Scan# 508
Delta R.T. 0.00 min
Lab File: BF084561.D
Acq: 19 Jan 2016 19:24

Tgt Ion:122 Resp: 493077
Ion Ratio Lower Upper
122 100
105 125.6 100.3 140.3
77 93.9 63.5 103.5





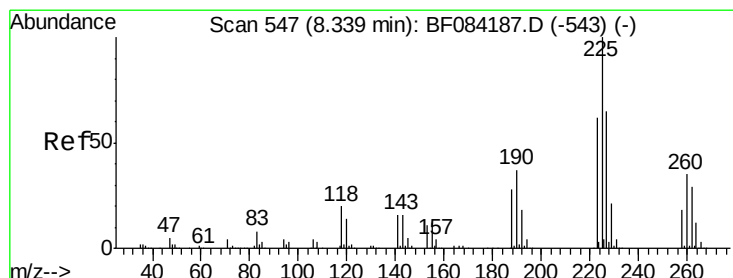
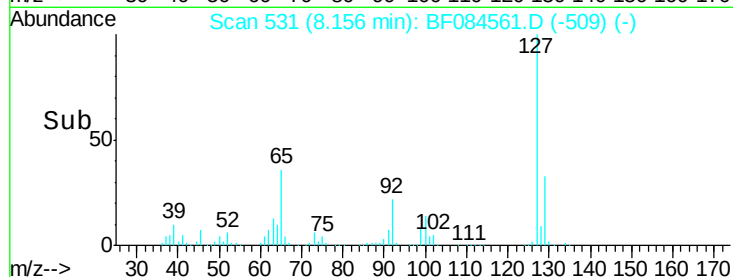
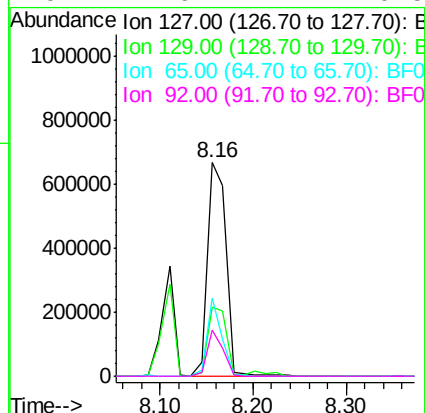
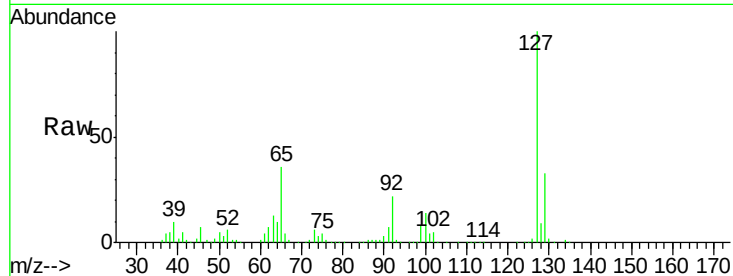
#33
4-Chloroaniline
Concen: 38.89 ng
RT: 8.16 min Scan# 531
Delta R.T. -0.05 min
Lab File: BF084561.D
Acq: 19 Jan 2016 19:24

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100		926991		
129	32.6	26.5	39.7		
65	36.4	27.2	40.8		
92	21.6	17.7	26.5		

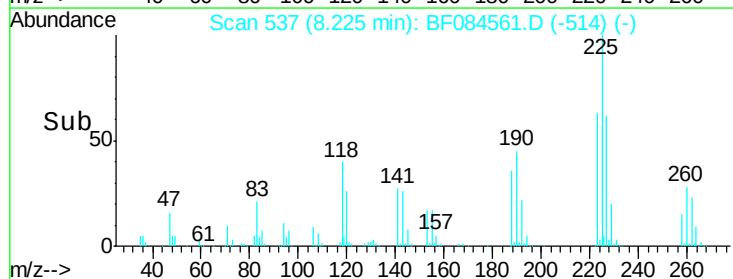
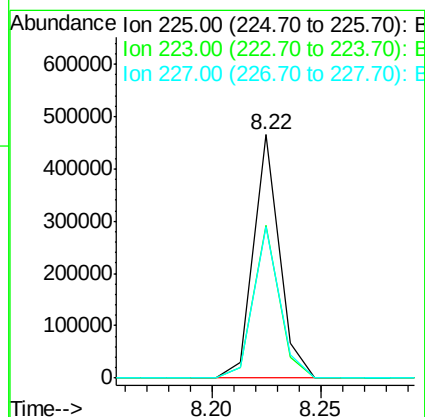
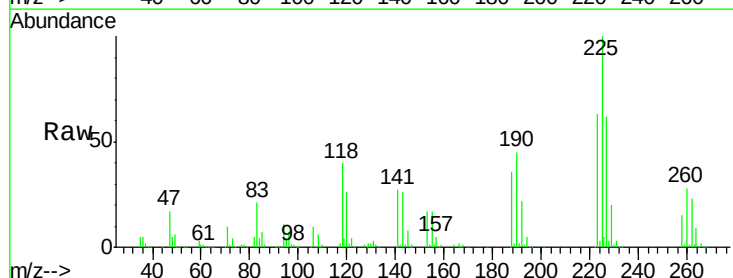
Manual Integrations
APPROVED

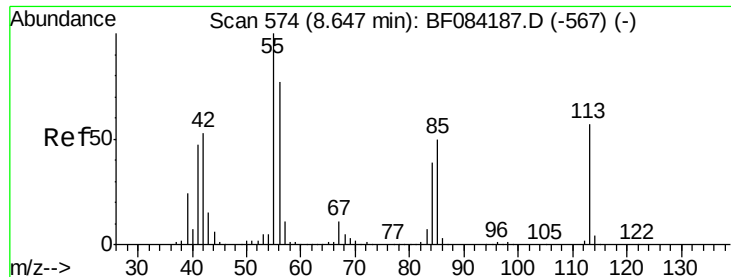
mohammad
1/20/2016 2:23:06 PM



#34
Hexachlorobutadiene
Concen: 40.68 ng
RT: 8.22 min Scan# 537
Delta R.T. -0.03 min
Lab File: BF084561.D
Acq: 19 Jan 2016 19:24

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100		386815		
223	62.6	49.4	74.0		
227	62.5	50.8	76.2		





#35

Caprolactam

Concen: 43.17 ng

RT: 8.56 min Scan# 566

Delta R.T. -0.01 min

Lab File: BF084561.D

Acq: 19 Jan 2016 19:24

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tot Ion:113 Resp: 233236
Ion Ratio Lower Upper

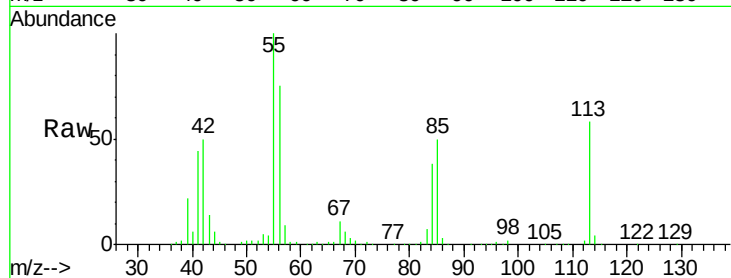
113 100

55 172.8 116.9 156.9#

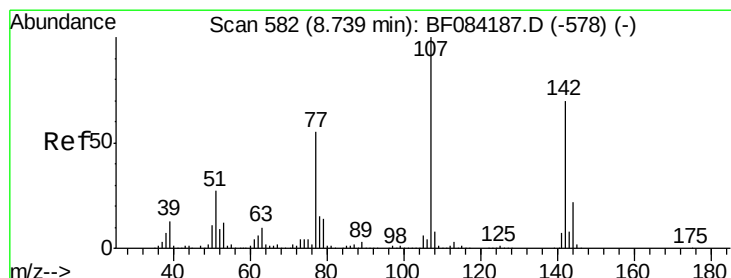
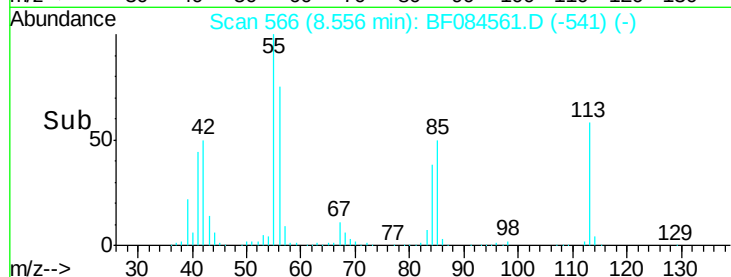
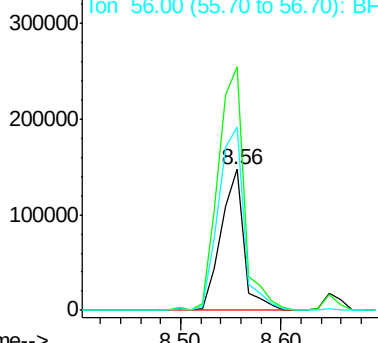
56 130.2 93.8 133.8

Manual Integrations
APPROVED

mohammad
1/20/2016 2:23:06 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: 37.10 ng

RT: 8.65 min Scan# 574

Delta R.T. -0.03 min

Lab File: BF084561.D

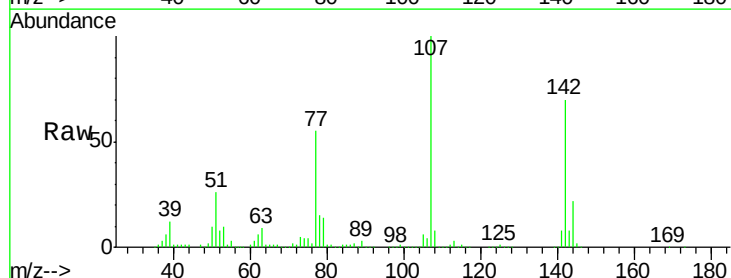
Acq: 19 Jan 2016 19:24

Tgt Ion:107 Resp: 666036
Ion Ratio Lower Upper

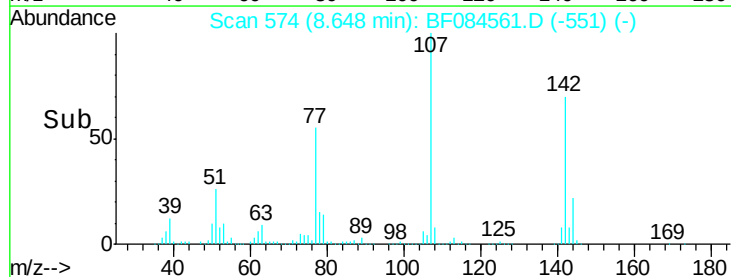
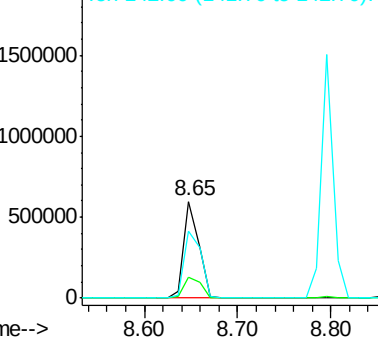
107 100

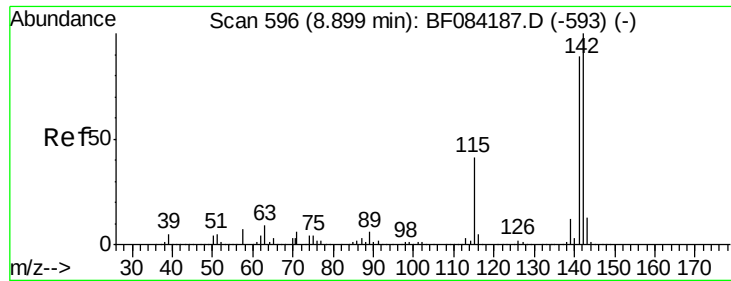
144 22.3 19.7 29.5

142 69.6 61.8 92.6



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





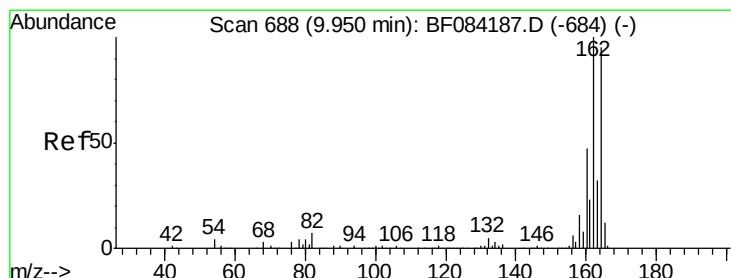
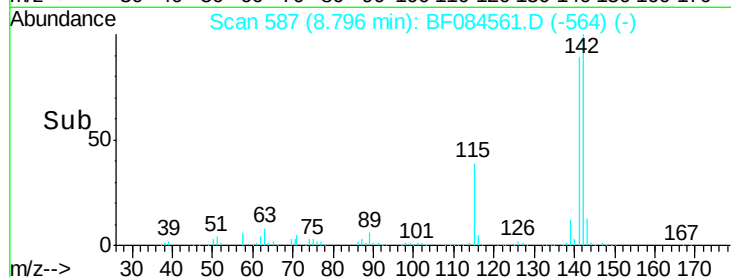
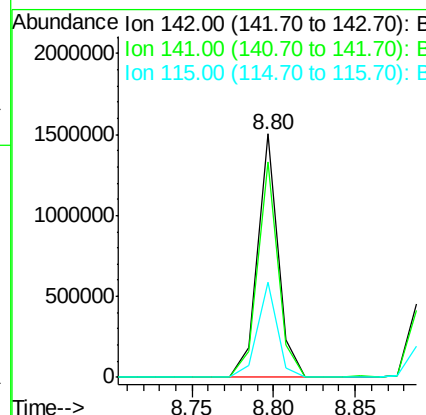
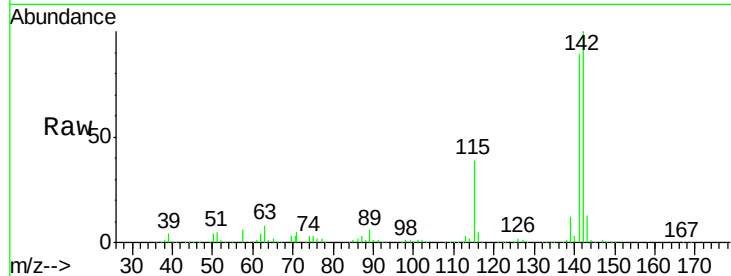
#37
2-Methylnaphthalene
Concen: 35.35 ng
RT: 8.80 min Scan# 587
Delta R.T. -0.03 min
Lab File: BF084561.D
Acq: 19 Jan 2016 19:24

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.6	72.4	108.6
115	39.3	27.9	41.9

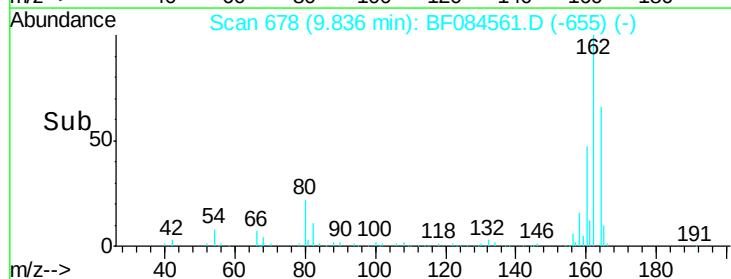
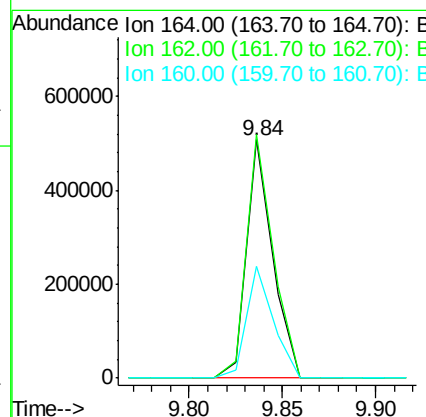
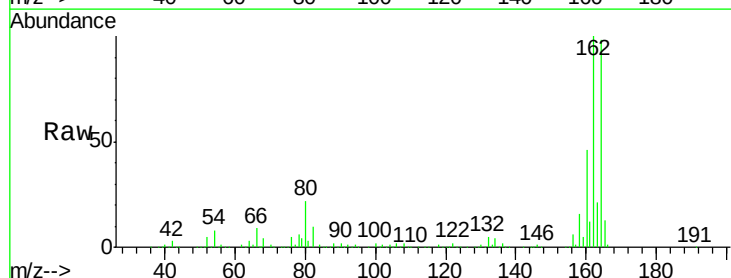
Manual Integrations
APPROVED

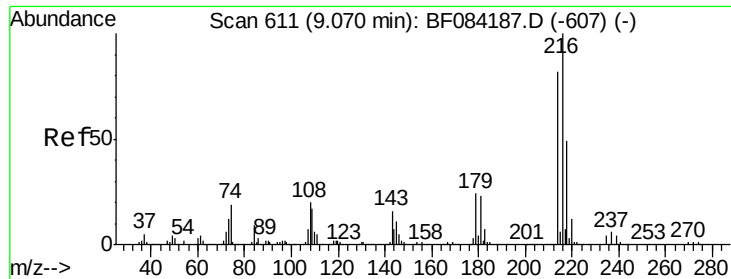
mohammad
1/20/2016 2:23:06 PM



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.84 min Scan# 678
Delta R.T. -0.03 min
Lab File: BF084561.D
Acq: 19 Jan 2016 19:24

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.2	85.1	127.7
160	46.7	37.5	56.3





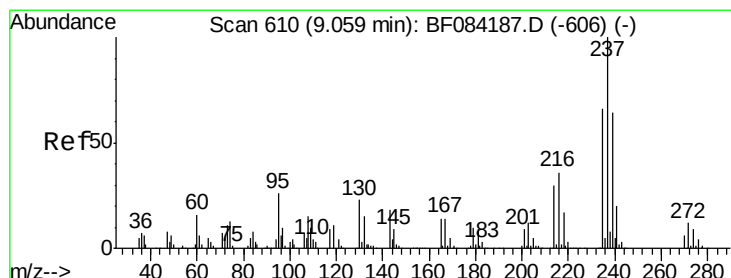
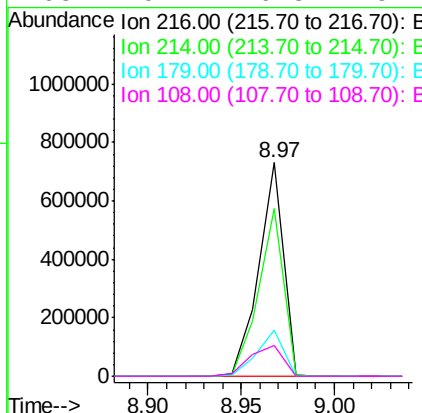
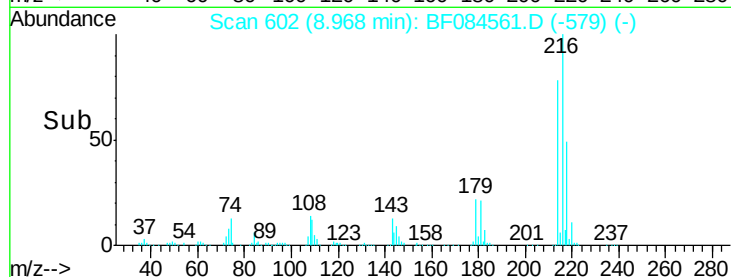
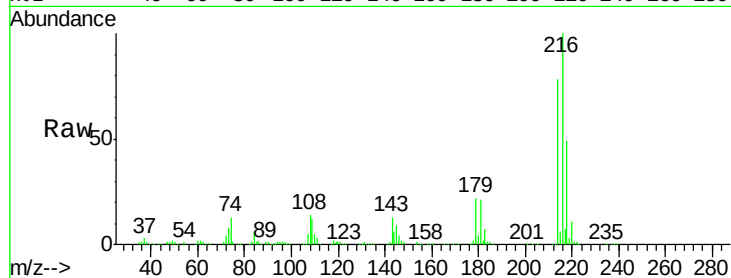
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 46.85 ng
 RT: 8.97 min Scan# 602
 Delta R.T. -0.03 min
 Lab File: BF084561.D
 Acq: 19 Jan 2016 19:24

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Manual Integrations
 APPROVED

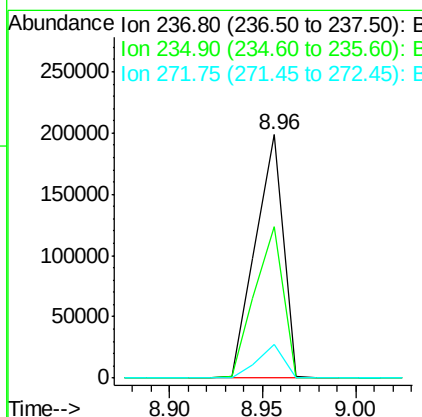
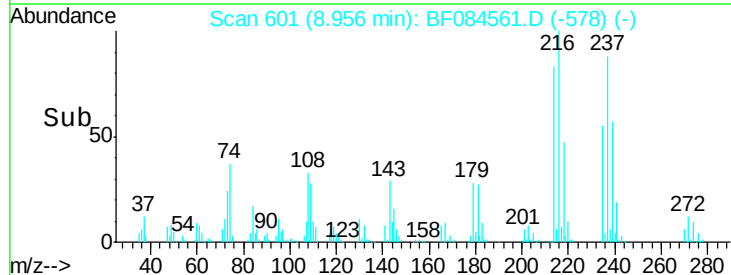
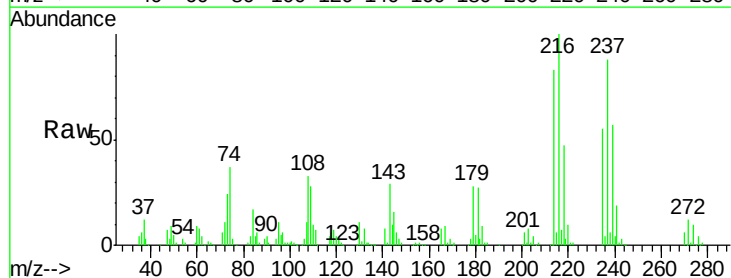
mohammad
 1/20/2016 2:23:06 PM

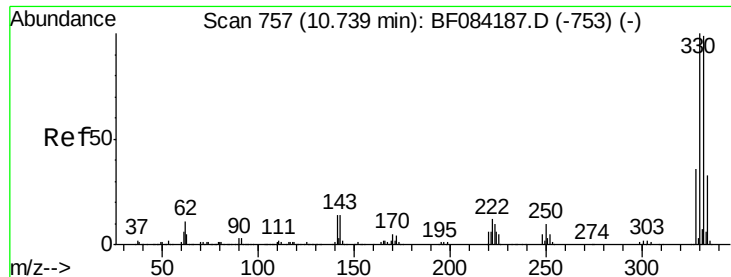
Tot Ion	Ion	Ratio	Resp	Lower	Upper
216	100				
214	79.4	64.2	96.2		
179	23.3	18.7	28.1		
108	19.4	16.8	25.2		



#40
 Hexachlorocyclopentadiene
 Concen: 23.92 ng
 RT: 8.96 min Scan# 601
 Delta R.T. -0.03 min
 Lab File: BF084561.D
 Acq: 19 Jan 2016 19:24

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
237	100				
235	62.3	43.1	83.1		
272	14.1	0.0	35.1		





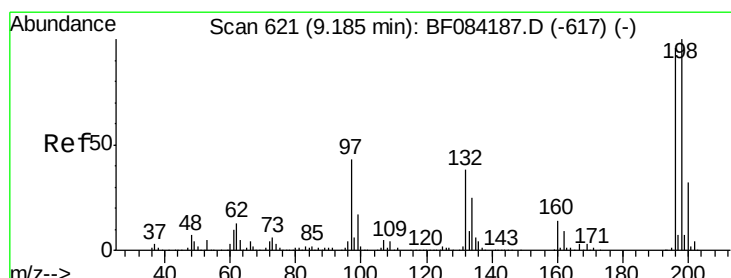
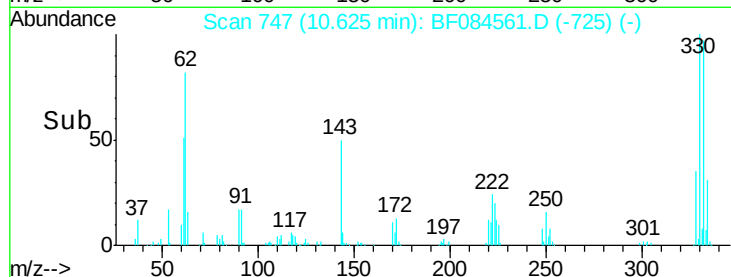
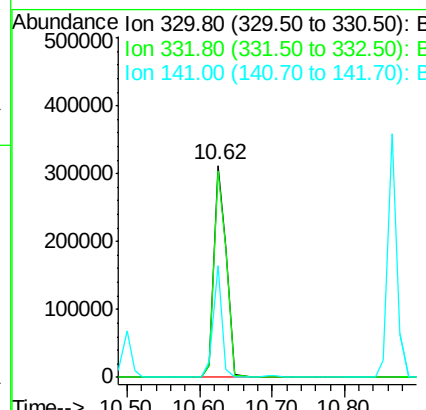
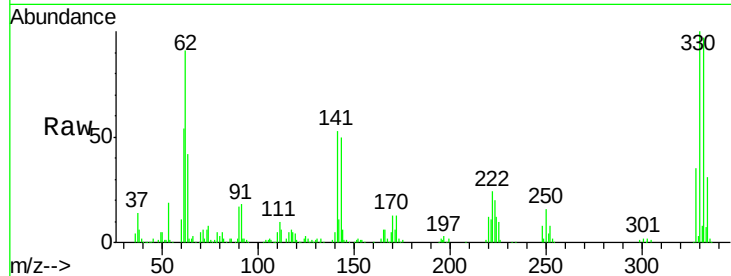
#41
 2,4,6-Tribromophenol
 Concen: 73.21 ng
 RT: 10.62 min Scan# 747
 Delta R.T. -0.05 min
 Lab File: BF084561.D
 Acq: 19 Jan 2016 19:24

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tot Ion	Ratio	Resp	Lower	Upper
330	100			
332	98.1	76.6	114.8	
141	38.1	27.8	41.6	

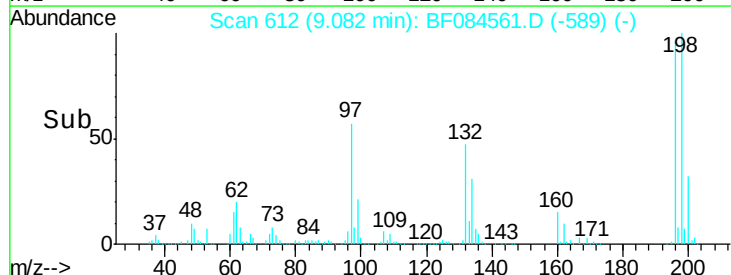
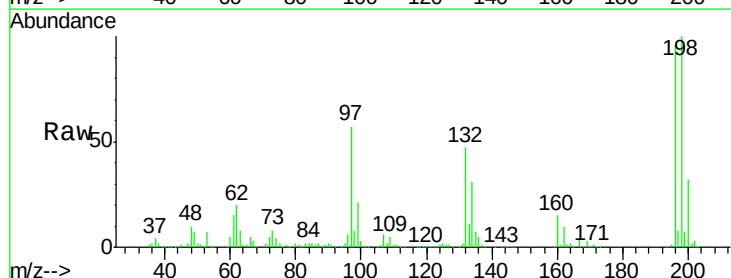
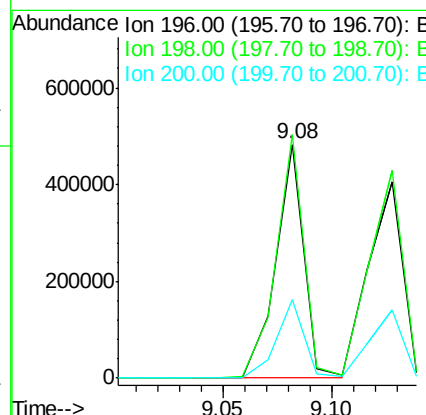
Manual Integrations
 APPROVED

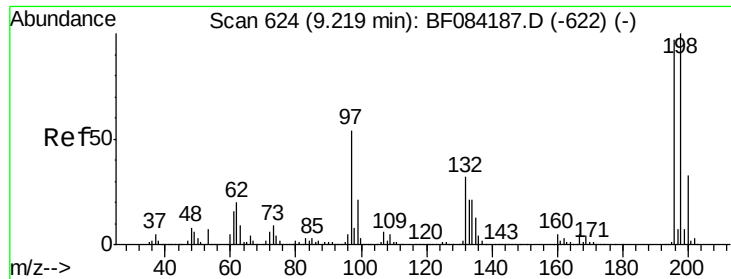
mohammad
 1/20/2016 2:23:06 PM



#42
 2,4,6-Trichlorophenol
 Concen: 41.26 ng
 RT: 9.08 min Scan# 612
 Delta R.T. -0.03 min
 Lab File: BF084561.D
 Acq: 19 Jan 2016 19:24

Tgt Ion	Ratio	Resp	Lower	Upper
196	100			
198	104.1	77.7	116.5	
200	33.5	24.6	37.0	





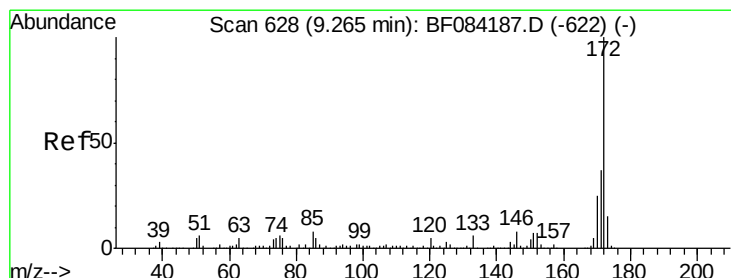
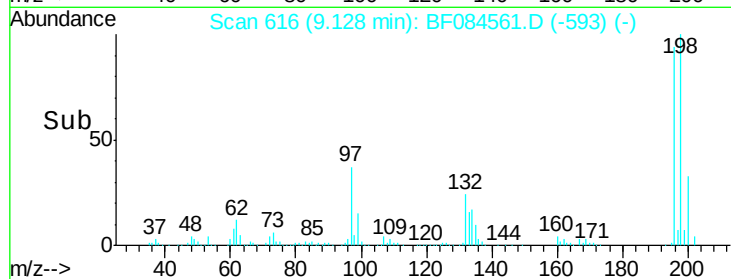
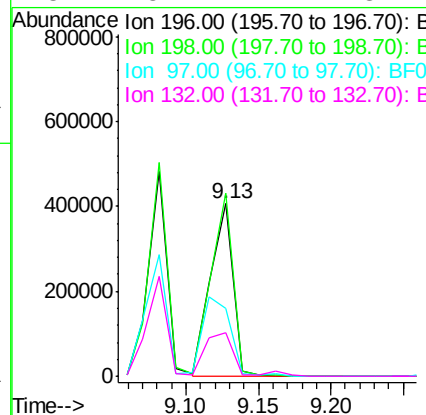
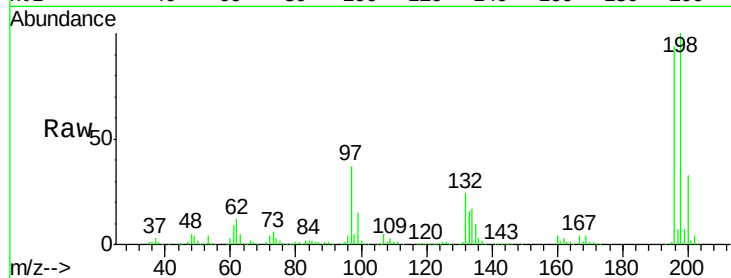
#43
 2,4,5-Trichlorophenol
 Concen: 43.32 ng
 RT: 9.13 min Scan# 616
 Delta R.T. -0.03 min
 Lab File: BF084561.D
 Acq: 19 Jan 2016 19:24

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tot Ion:	196	Resp:	441245
Ion Ratio	Lower	Upper	
196	100		
198	105.9	79.0	118.6
97	39.5	33.0	49.6
132	25.4	21.1	31.7

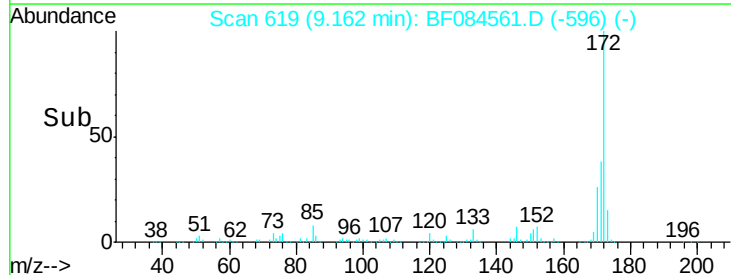
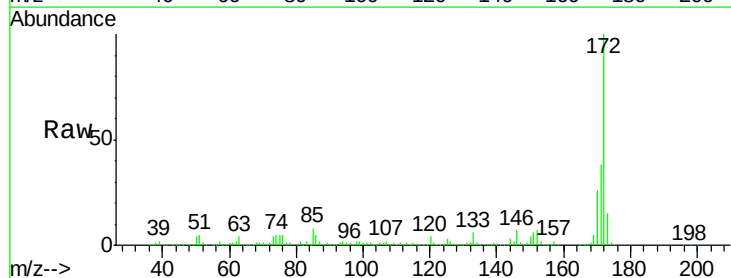
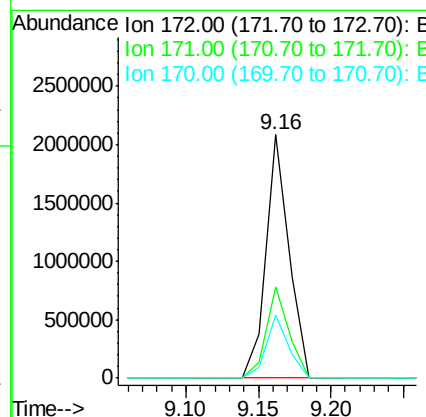
Manual Integrations
 APPROVED

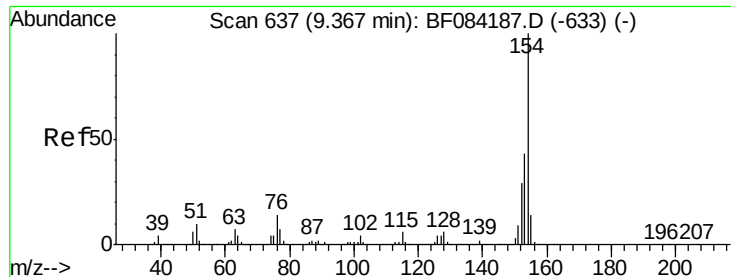
mohammad
 1/20/2016 2:23:06 PM



#44
 2-Fluorobiphenyl
 Concen: 81.02 ng
 RT: 9.16 min Scan# 619
 Delta R.T. -0.03 min
 Lab File: BF084561.D
 Acq: 19 Jan 2016 19:24

Tgt Ion:	172	Resp:	2283615
Ion Ratio	Lower	Upper	
172	100		
171	37.5	28.9	43.3
170	25.9	18.6	27.8





#45

1,1'-Biphenyl

Concen: 43.29 ng

RT: 9.26 min Scan# 628

Delta R.T. -0.03 min

Lab File: BF084561.D

Acq: 19 Jan 2016 19:24

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tot Ion:154 Resp: 1699479

Ion Ratio Lower Upper

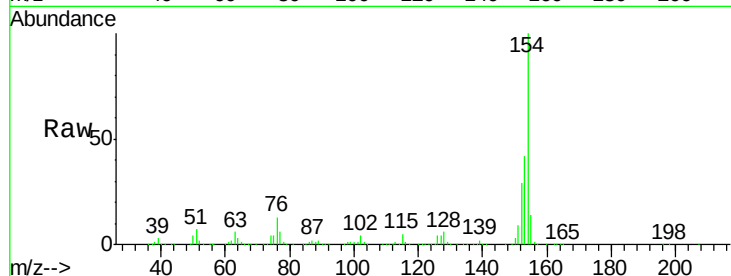
154 100

153 42.3 21.6 61.6

76 12.7 0.0 32.7

Manual Integrations
APPROVED

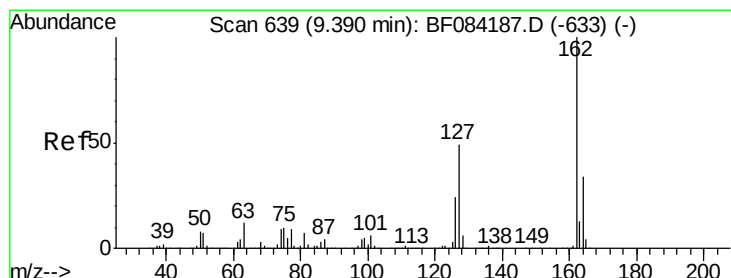
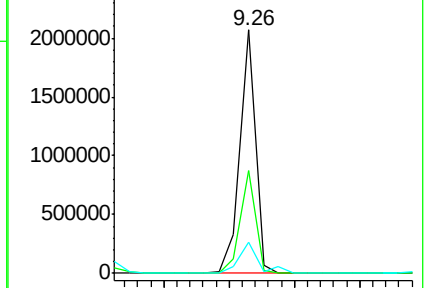
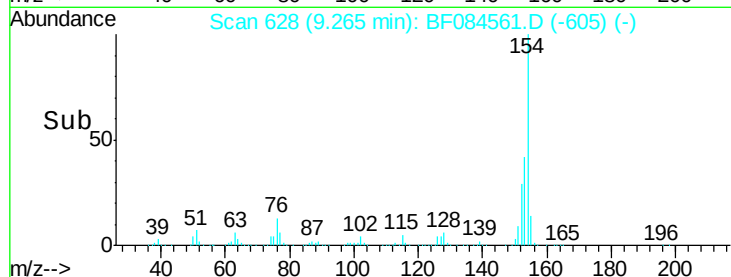
mohammad
1/20/2016 2:23:06 PM



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: 40.93 ng

RT: 9.29 min Scan# 630

Delta R.T. -0.03 min

Lab File: BF084561.D

Acq: 19 Jan 2016 19:24

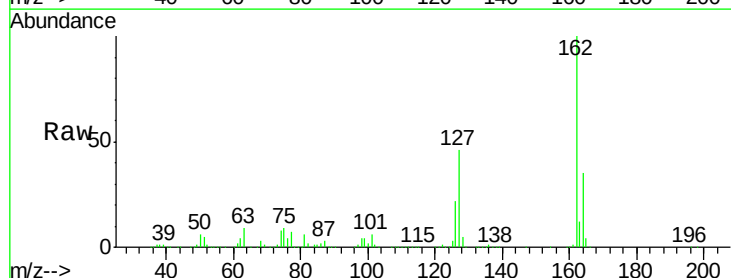
Tgt Ion:162 Resp: 1262335

Ion Ratio Lower Upper

162 100

127 45.6 40.2 60.4

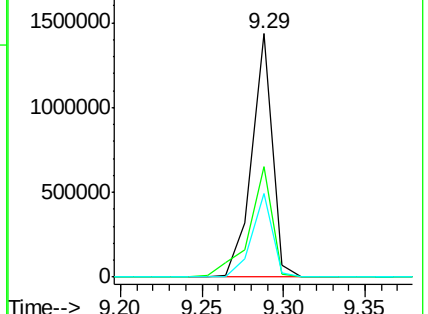
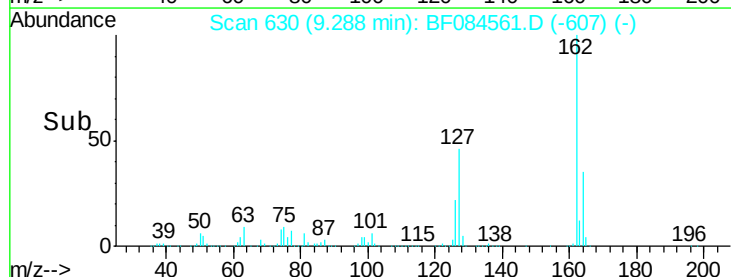
164 34.6 25.7 38.5

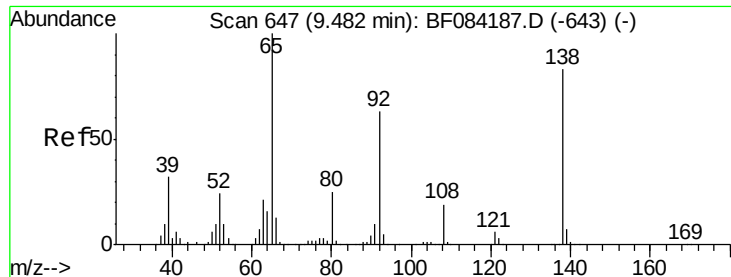


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





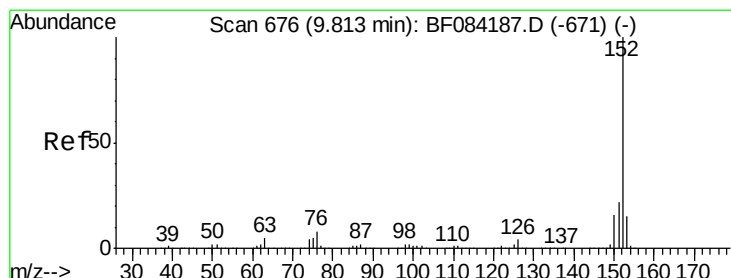
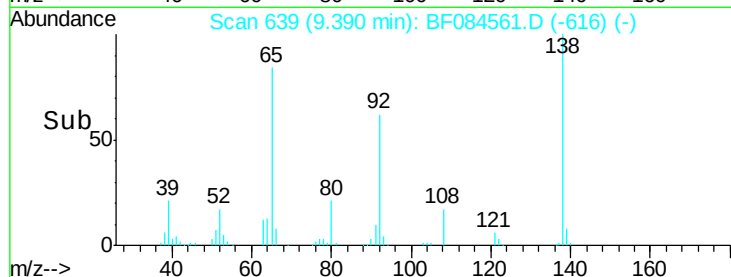
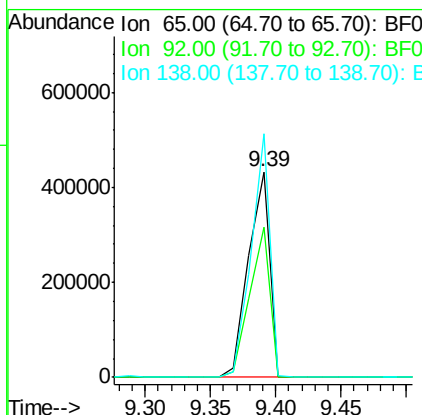
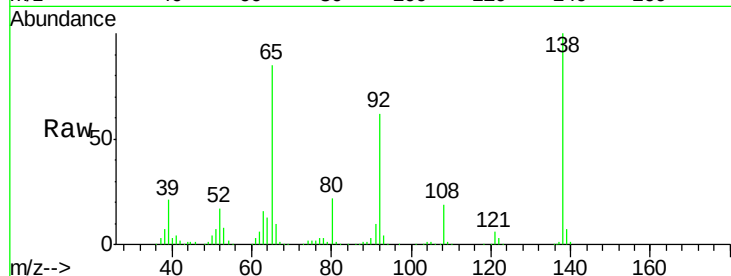
#47
 2-Nitroaniline
 Concen: 48.12 ng
 RT: 9.39 min Scan# 639
 Delta R.T. -0.03 min
 Lab File: BF084561.D
 Acq: 19 Jan 2016 19:24

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
65	100		
92	73.2	53.4	80.2
138	118.3	71.1	106.7

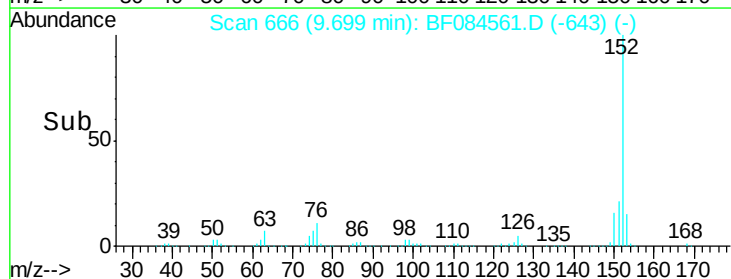
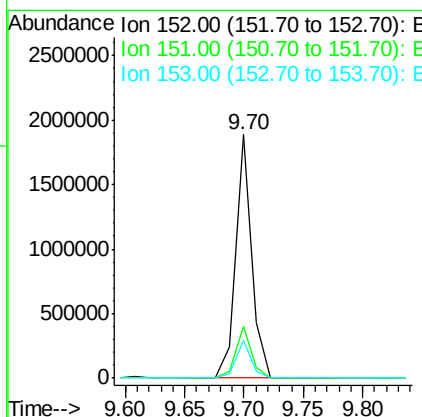
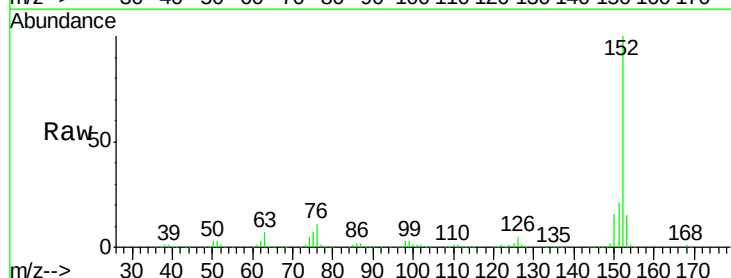
Manual Integrations
 APPROVED

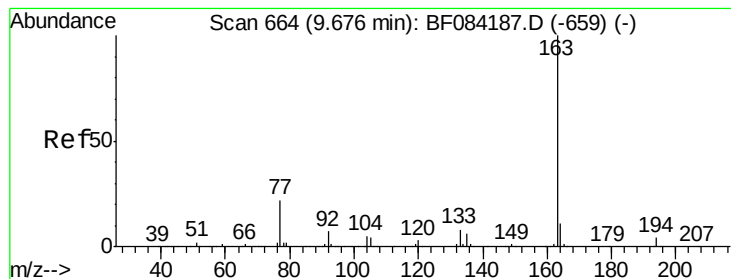
mohammad
 1/20/2016 2:23:06 PM



#48
 Acenaphthylene
 Concen: 38.70 ng
 RT: 9.70 min Scan# 666
 Delta R.T. -0.03 min
 Lab File: BF084561.D
 Acq: 19 Jan 2016 19:24

Tgt Ion	Ratio	Lower	Upper
152	100		
151	21.4	16.3	24.5
153	15.4	10.4	15.6





#49

Dimethylphthalate

Concen: 42.90 ng

RT: 9.57 min Scan# 655

Delta R.T. -0.03 min

Lab File: BF084561.D

Acq: 19 Jan 2016 19:24

Instrument :

BNA_F

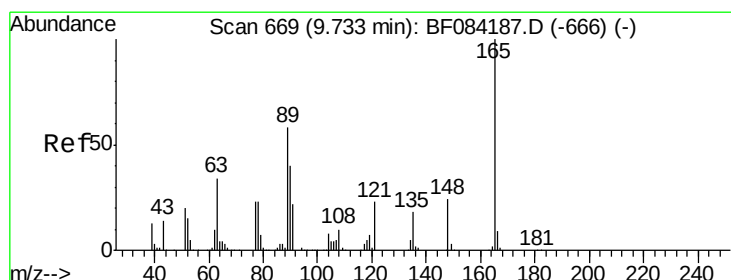
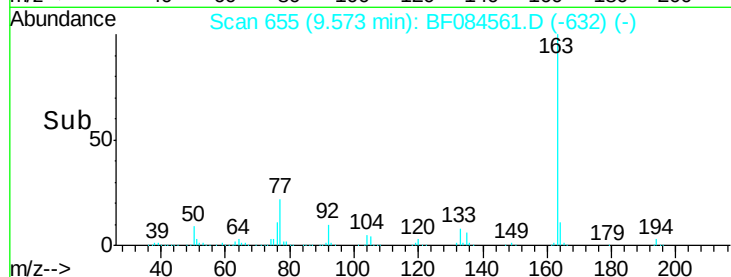
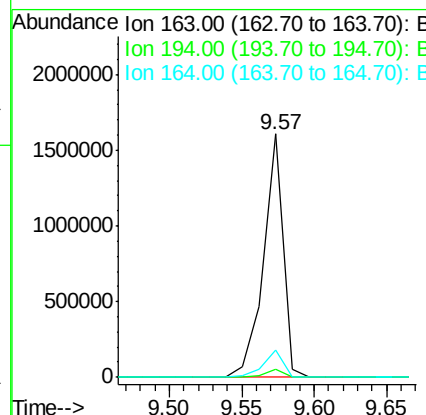
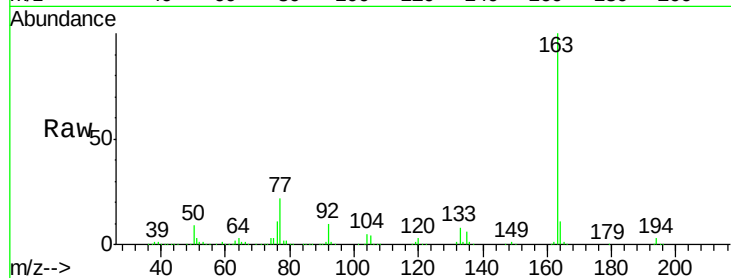
ClientSampleId :

SSTDCCC040EC

Tot Ion:	163	Resp:	1515025
Ion Ratio	Lower	Upper	
163	100		
194	3.5	8.0	12.0#
164	11.0	8.0	12.0

Manual Integrations
APPROVED

mohammad
1/20/2016 2:23:06 PM



#50

2,6-Dinitrotoluene

Concen: 40.43 ng

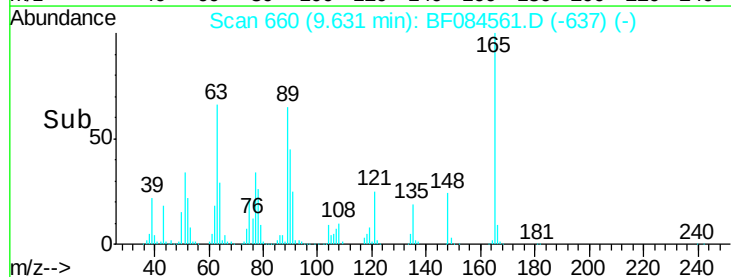
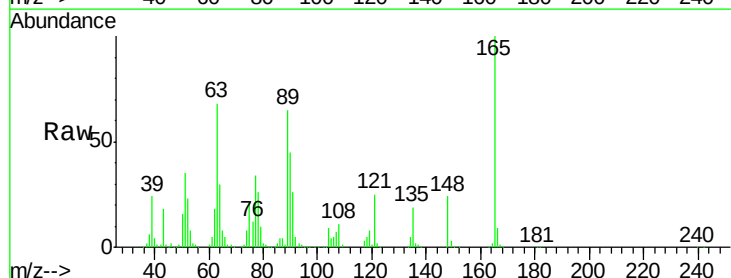
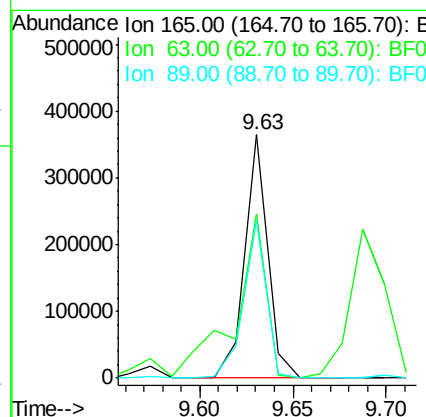
RT: 9.63 min Scan# 660

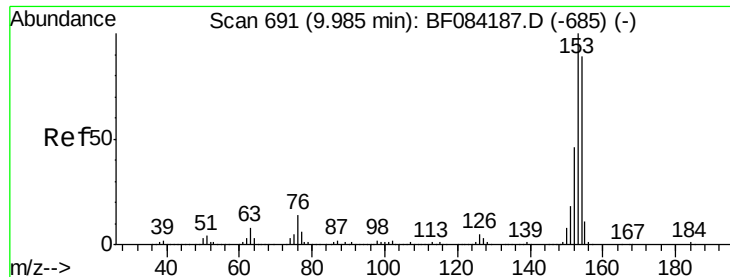
Delta R.T. -0.03 min

Lab File: BF084561.D

Acq: 19 Jan 2016 19:24

Tgt Ion:	165	Resp:	313163
Ion Ratio	Lower	Upper	
165	100		
63	67.6	28.8	43.2#
89	64.8	35.1	52.7#





#51

Acenaphthene

Concen: 38.94 ng

RT: 9.87 min Scan# 681

Delta R.T. -0.03 min

Lab File: BF084561.D

Acq: 19 Jan 2016 19:24

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tot Ion:154 Resp: 1190004

Ion Ratio Lower Upper

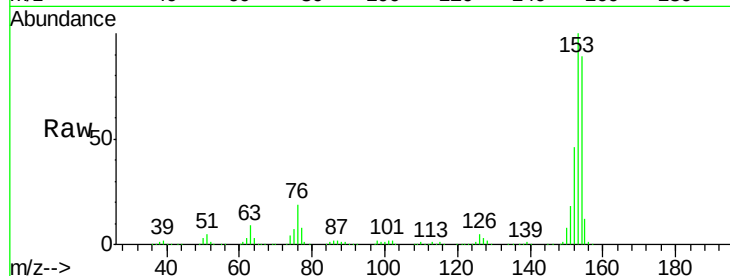
154 100

153 112.6 91.5 137.3

152 52.0 43.0 64.6

Manual Integrations
APPROVED

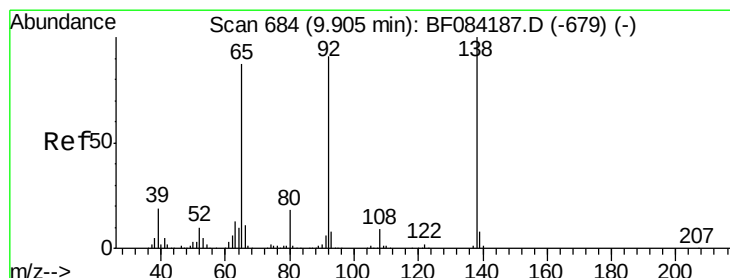
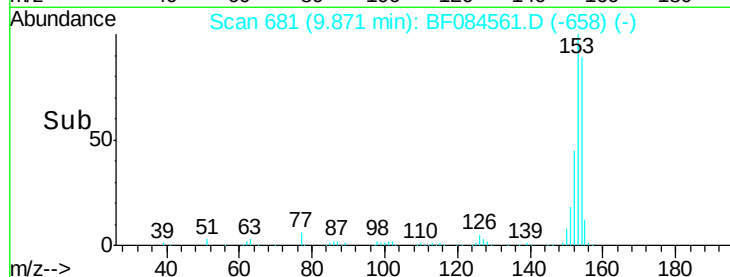
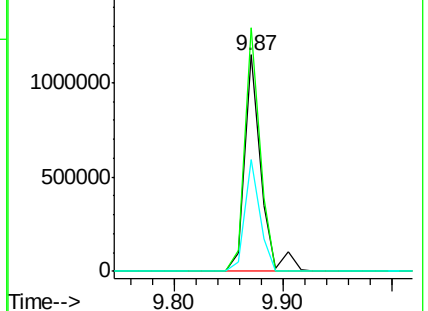
mohammad
1/20/2016 2:23:06 PM



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 43.87 ng

RT: 9.80 min Scan# 675

Delta R.T. -0.03 min

Lab File: BF084561.D

Acq: 19 Jan 2016 19:24

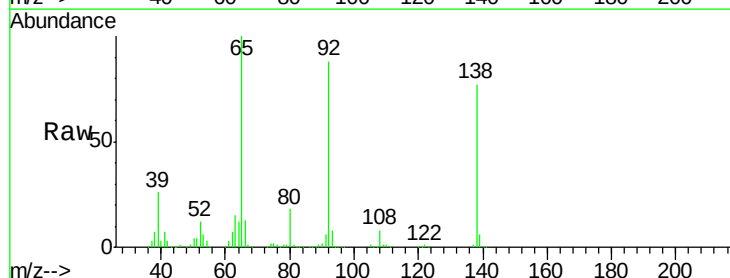
Tgt Ion:138 Resp: 421104

Ion Ratio Lower Upper

138 100

108 10.9 10.5 15.7

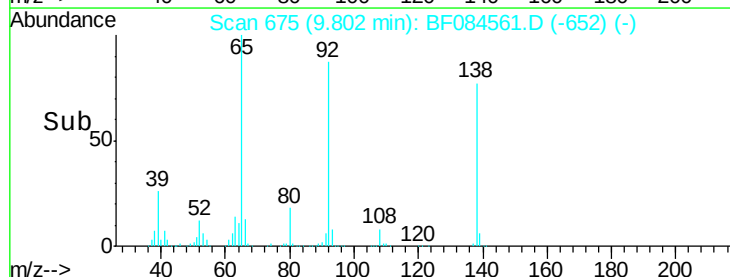
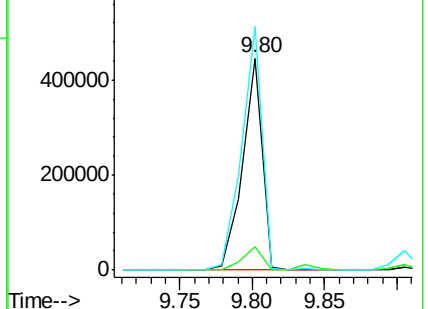
92 114.8 103.9 155.9

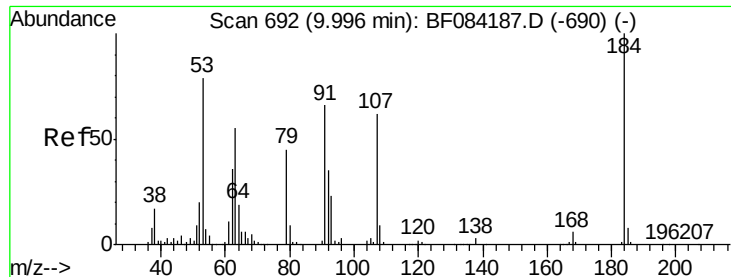


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0





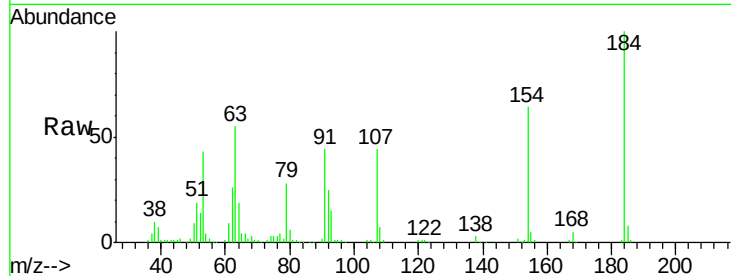
#53
2,4-Dinitrophenol
Concen: 44.65 ng
RT: 9.90 min Scan# 684
Delta R.T. -0.03 min
Lab File: BF084561.D
Acq: 19 Jan 2016 19:24

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

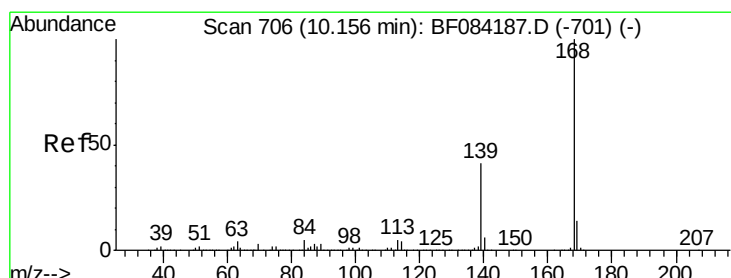
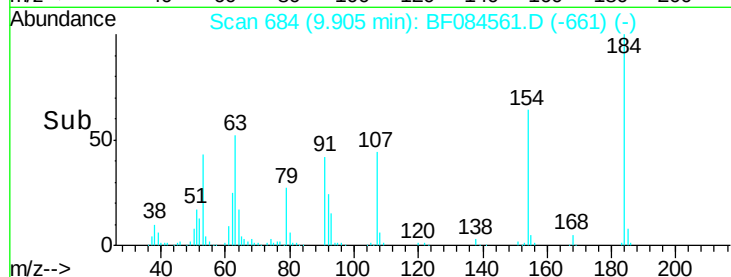
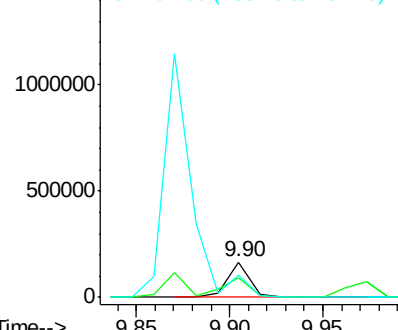
Tot Ion	Ratio	Lower	Upper
184	100		
63	55.0	43.1	64.7
154	64.0	60.5	90.7

Manual Integrations
APPROVED

mohammad
1/20/2016 2:23:06 PM

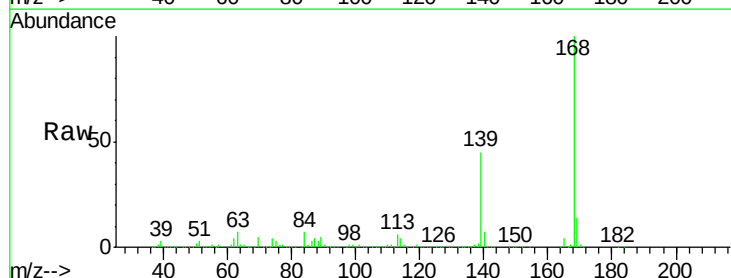


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

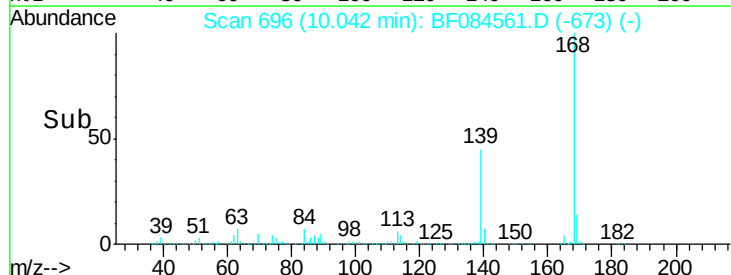
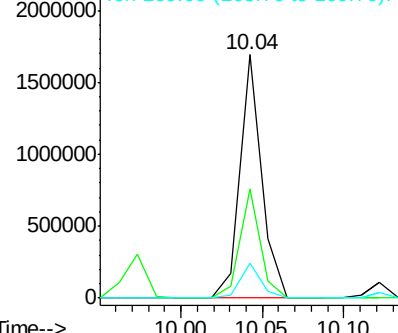


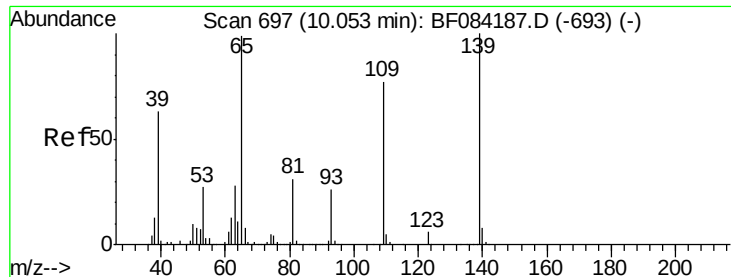
#54
Dibenzofuran
Concen: 39.02 ng
RT: 10.04 min Scan# 696
Delta R.T. -0.03 min
Lab File: BF084561.D
Acq: 19 Jan 2016 19:24

Tgt Ion	Ratio	Lower	Upper
168	100		
139	44.8	30.5	45.7
169	14.3	10.4	15.6



Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E





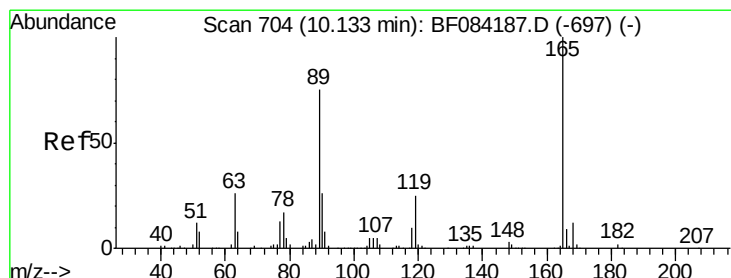
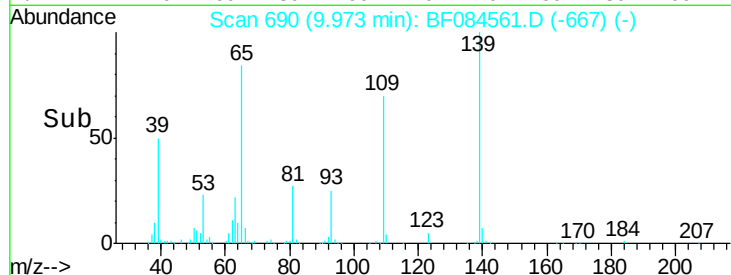
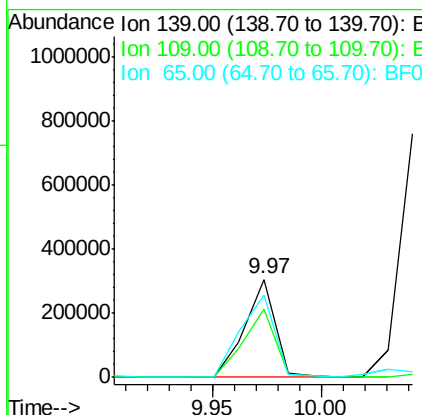
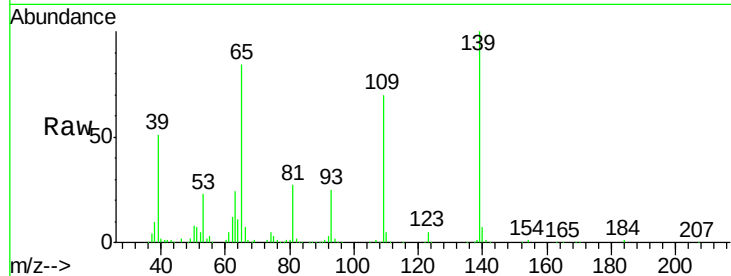
#55
4-Nitrophenol
Concen: 42.93 ng
RT: 9.97 min Scan# 690
Delta R.T. -0.03 min
Lab File: BF084561.D
Acq: 19 Jan 2016 19:24

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Resp	Lower	Upper
139	100	299071		
109	70.4	58.5	98.5	
65	83.8	57.6	97.6	

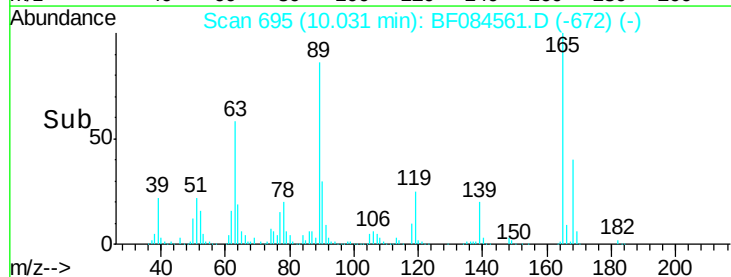
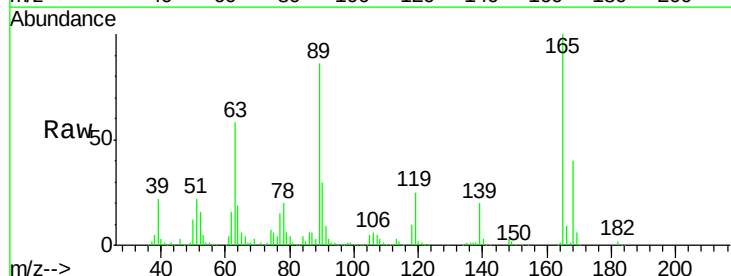
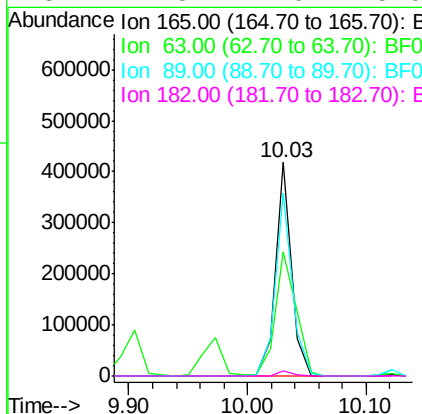
Manual Integrations
APPROVED

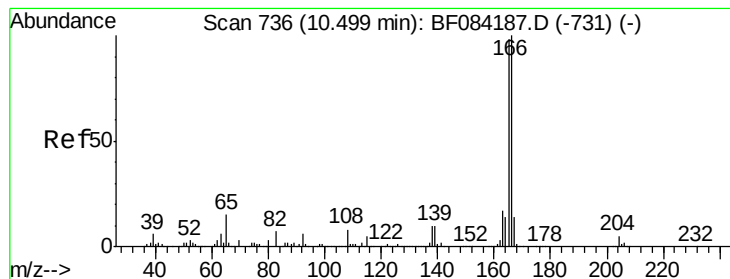
mohammad
1/20/2016 2:23:06 PM



#56
2,4-Dinitrotoluene
Concen: 39.43 ng
RT: 10.03 min Scan# 695
Delta R.T. -0.03 min
Lab File: BF084561.D
Acq: 19 Jan 2016 19:24

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	386571		
63	57.9	36.7	55.1#	
89	85.7	61.9	92.9	
182	2.3	2.0	3.0	





#57

Fluorene

Concen: 37.67 ng

RT: 10.38 min Scan# 726

Delta R.T. -0.03 min

Lab File: BF084561.D

Acq: 19 Jan 2016 19:24

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tot Ion:166 Resp: 1164785

Ion Ratio Lower Upper

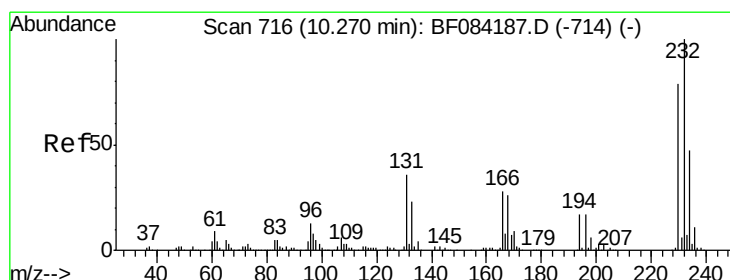
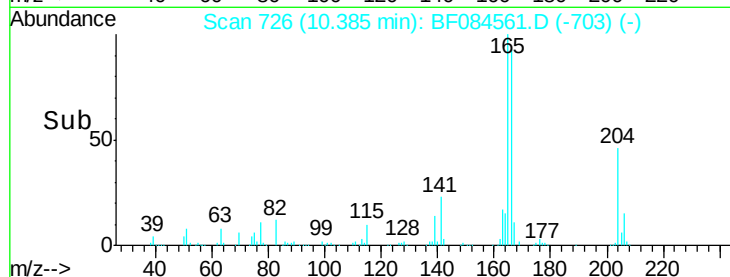
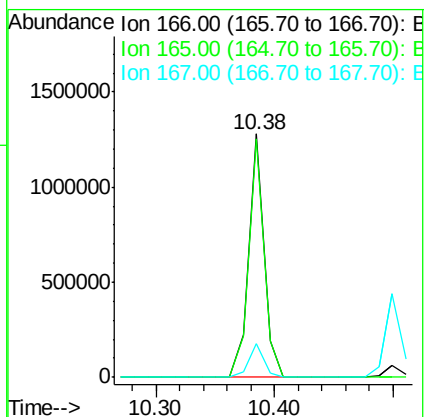
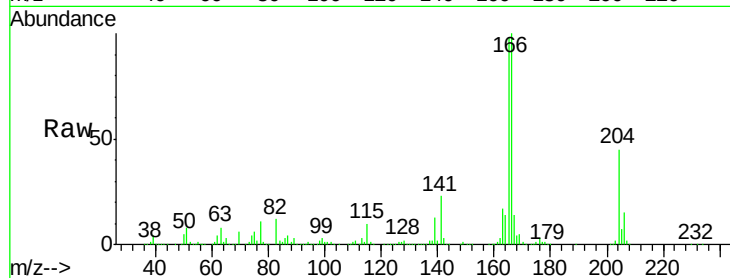
166 100

165 98.1 79.1 118.7

167 13.9 10.4 15.6

Manual Integrations
APPROVED

mohammad
1/20/2016 2:23:06 PM



#58

2,3,4,6-Tetrachlorophenol

Concen: 42.04 ng

RT: 10.17 min Scan# 707

Delta R.T. -0.03 min

Lab File: BF084561.D

Acq: 19 Jan 2016 19:24

Tgt Ion:232 Resp: 365567

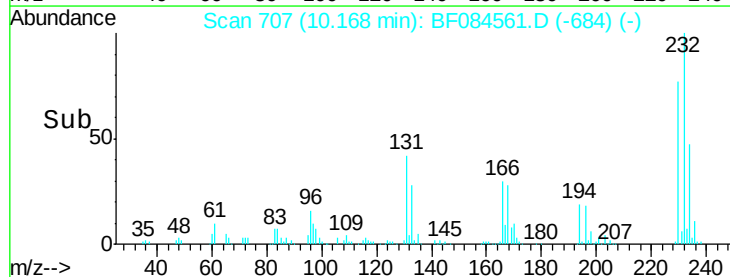
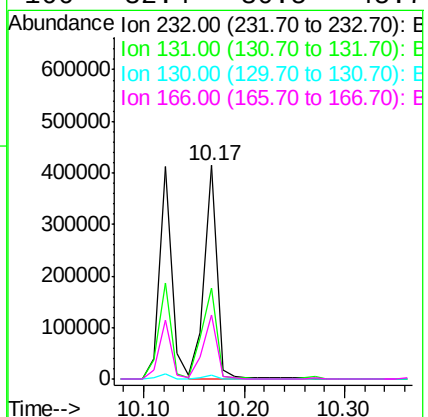
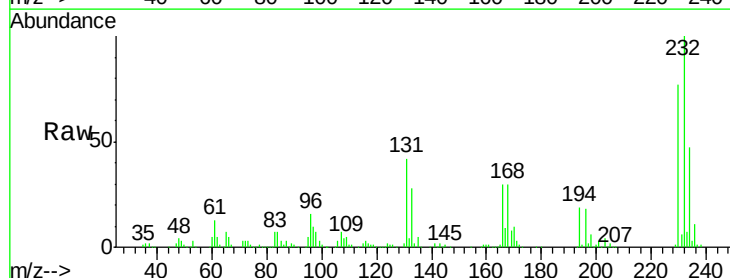
Ion Ratio Lower Upper

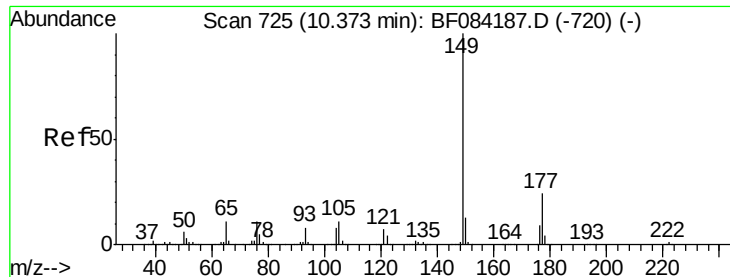
232 100

131 49.7 47.0 70.6

130 2.3 2.0 3.0

166 32.4 30.5 45.7





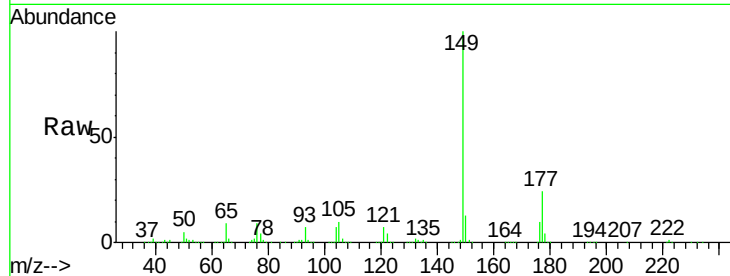
#59
Diethylphthalate
Concen: 45.05 ng
RT: 10.27 min Scan# 716
Delta R.T. -0.03 min
Lab File: BF084561.D
Acq: 19 Jan 2016 19:24

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

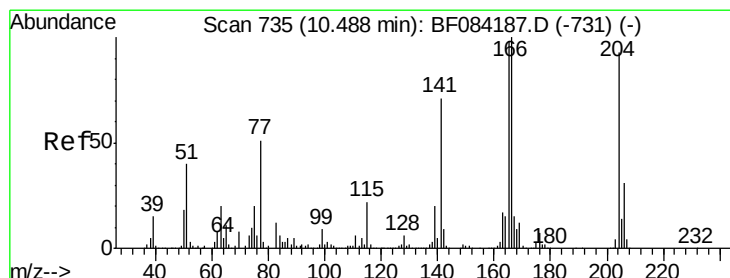
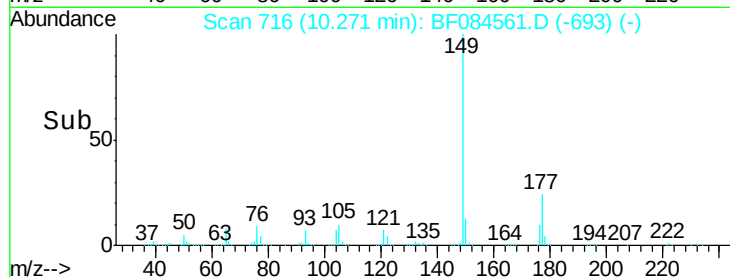
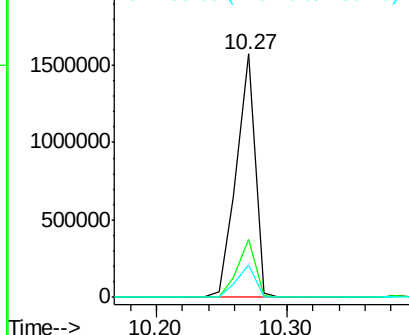
Tot Ion:149 Resp: 1568826
Ion Ratio Lower Upper
149 100
177 24.0 17.3 25.9
150 13.1 9.8 14.8

Manual Integrations
APPROVED

mohammad
1/20/2016 2:23:06 PM

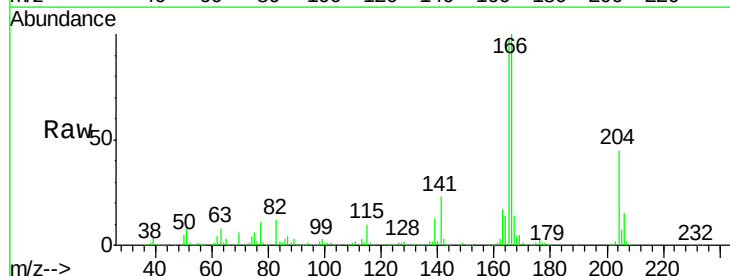


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

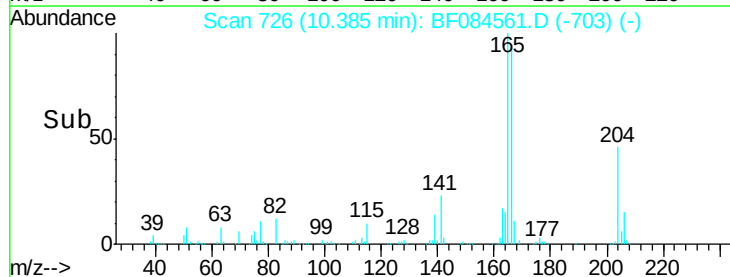
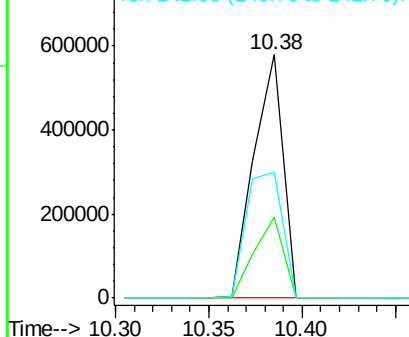


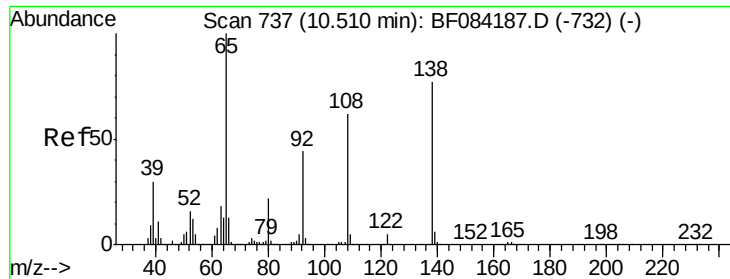
#60
4-Chlorophenyl-phenylether
Concen: 49.15 ng
RT: 10.38 min Scan# 726
Delta R.T. -0.03 min
Lab File: BF084561.D
Acq: 19 Jan 2016 19:24

Tgt Ion:204 Resp: 625310
Ion Ratio Lower Upper
204 100
206 33.3 25.7 38.5
141 51.7 55.1 82.7#



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





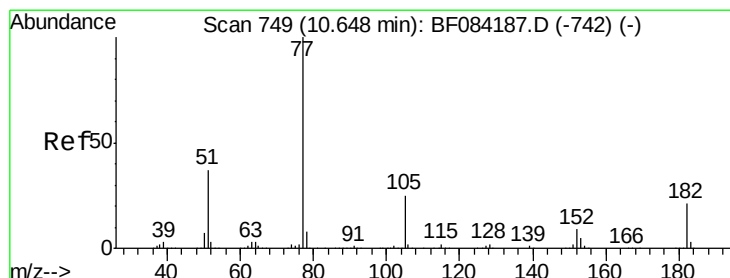
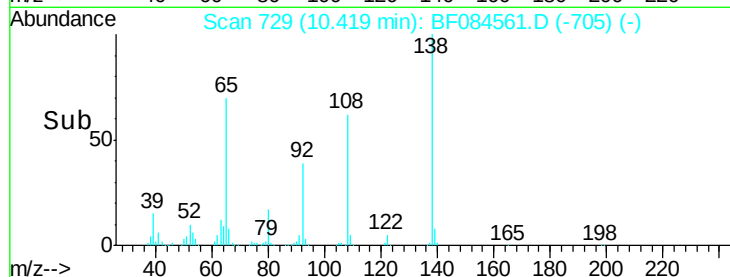
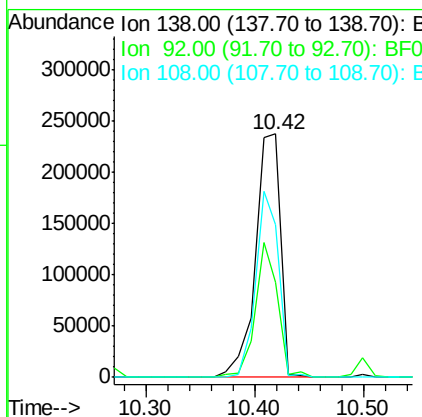
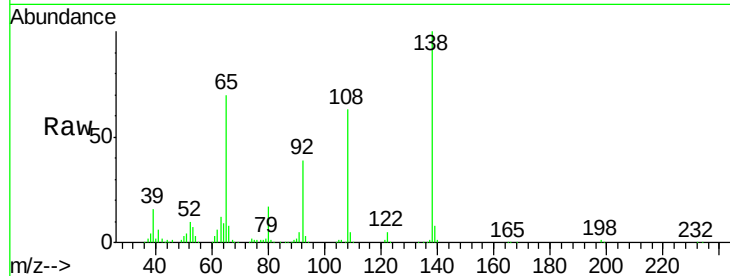
#61
4-Nitroaniline
Concen: 45.13 ng
RT: 10.42 min Scan# 729
Delta R.T. -0.02 min
Lab File: BF084561.D
Acq: 19 Jan 2016 19:24

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
138	100		
92	39.0	32.6	72.6
108	62.6	68.6	108.6

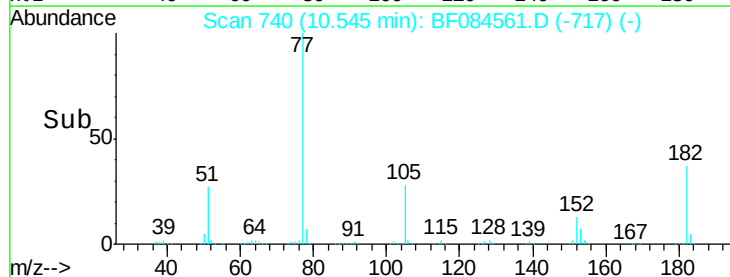
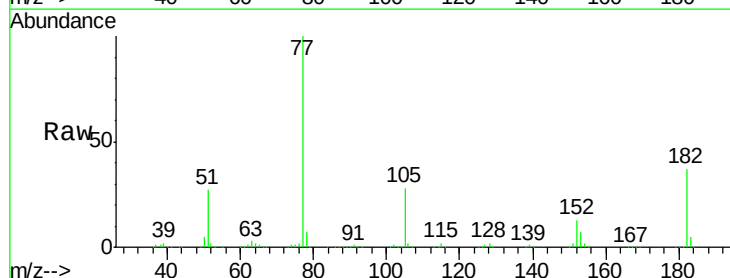
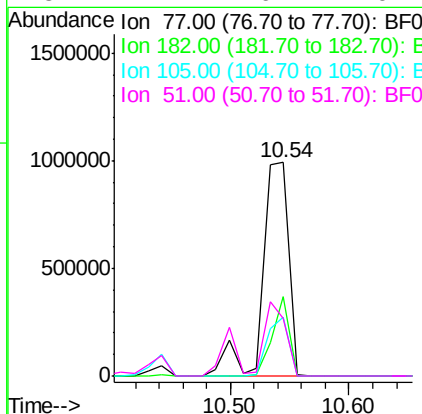
Manual Integrations
APPROVED

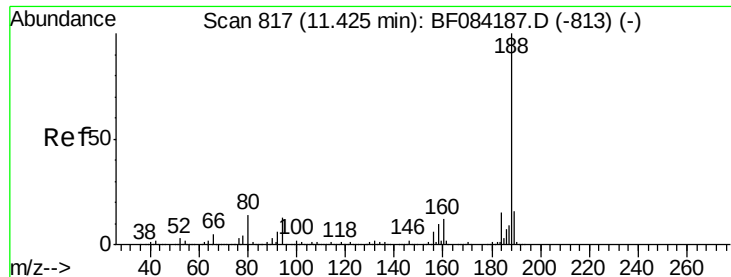
mohammad
1/20/2016 2:23:06 PM



#62
Azobenzene
Concen: 39.84 ng
RT: 10.54 min Scan# 740
Delta R.T. -0.03 min
Lab File: BF084561.D
Acq: 19 Jan 2016 19:24

Tgt Ion	Ratio	Lower	Upper
77	100		
182	37.3	8.3	48.3
105	27.8	4.6	44.6
51	27.1	6.2	46.2





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.32 min Scan# 808

Delta R.T. -0.03 min

Lab File: BF084561.D

Acq: 19 Jan 2016 19:24

Instrument :

BNA_F

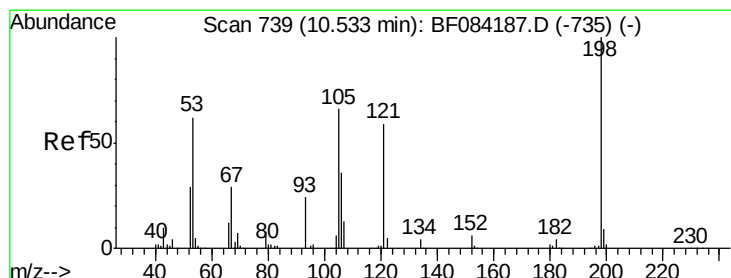
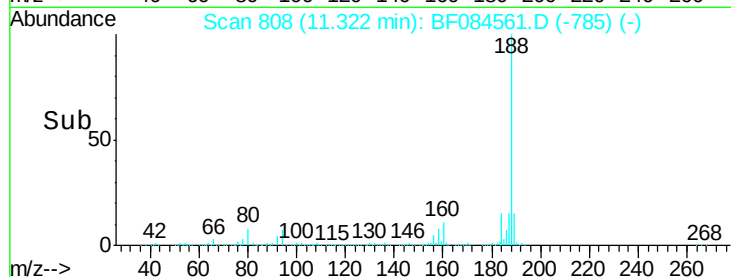
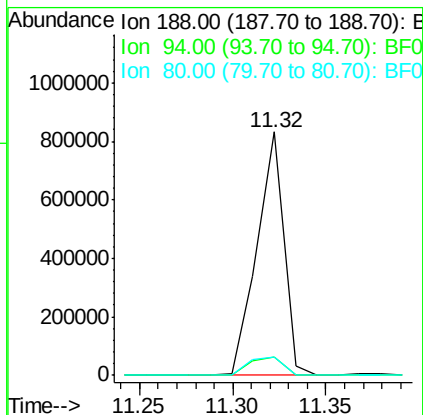
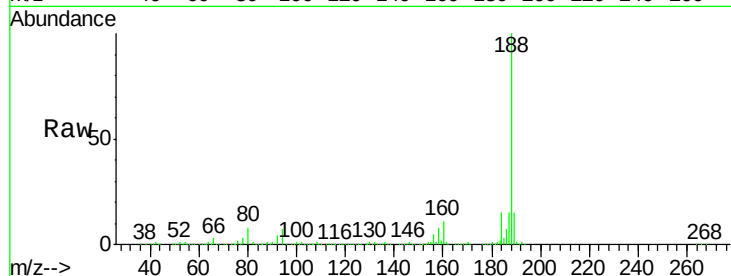
ClientSampleId :

SSTDCCC040EC

Tot Ion:	188	Resp:	829174
Ion Ratio	Lower	Upper	
188	100		
94	7.5	9.0	13.4#
80	7.6	9.6	14.4#

Manual Integrations
APPROVED

mohammad
1/20/2016 2:23:06 PM



#64

4,6-Dinitro-2-methylphenol

Concen: 41.31 ng

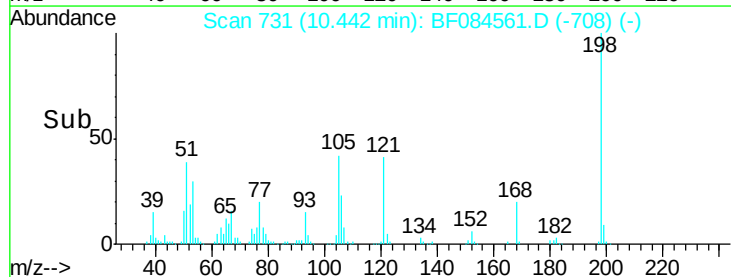
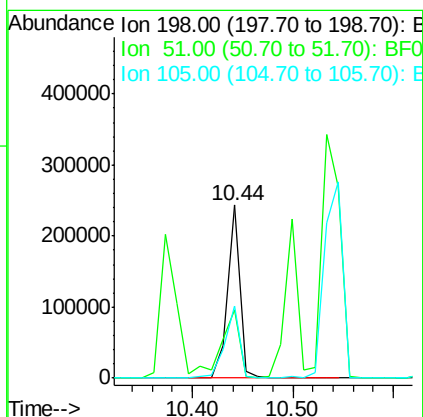
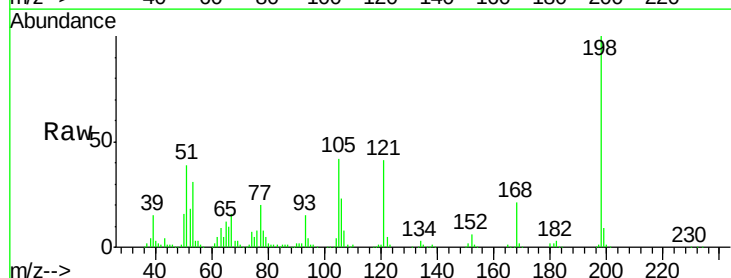
RT: 10.44 min Scan# 731

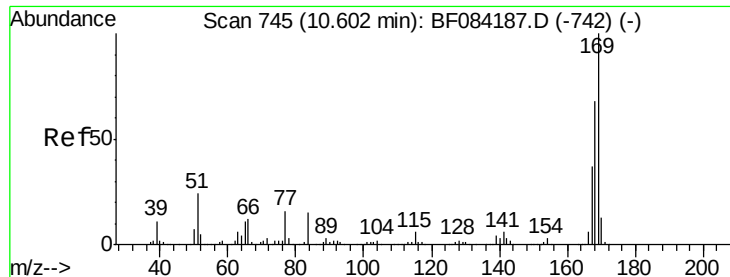
Delta R.T. -0.03 min

Lab File: BF084561.D

Acq: 19 Jan 2016 19:24

Tgt Ion:	198	Resp:	209192
Ion Ratio	Lower	Upper	
198	100		
51	39.3	18.9	58.9
105	42.0	26.4	66.4





#65

n-Nitrosodiphenylamine

Concen: 40.09 ng

RT: 10.50 min Scan# 736

Delta R.T. -0.03 min

Lab File: BF084561.D

Acq: 19 Jan 2016 19:24

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tot Ion:169 Resp: 1062906

Ion Ratio Lower Upper

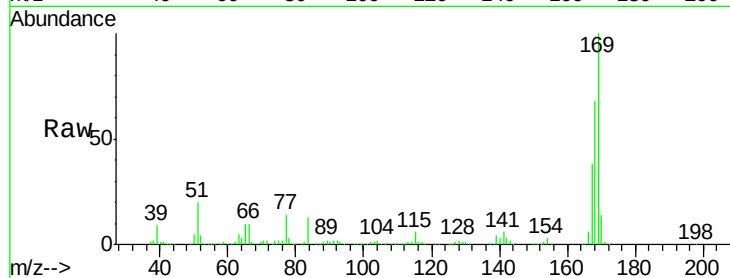
169 100

168 68.3 55.1 82.7

167 38.4 30.0 45.0

Manual Integrations
APPROVED

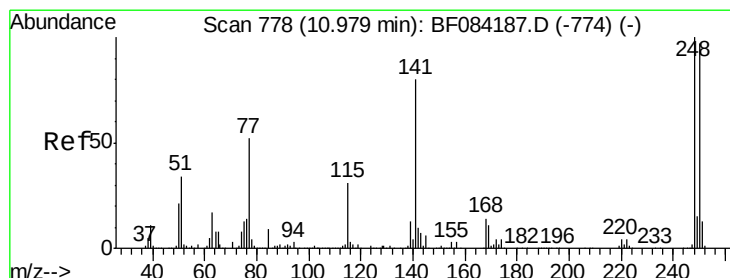
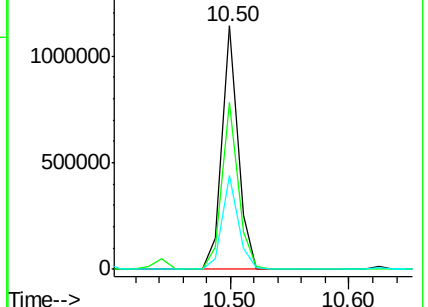
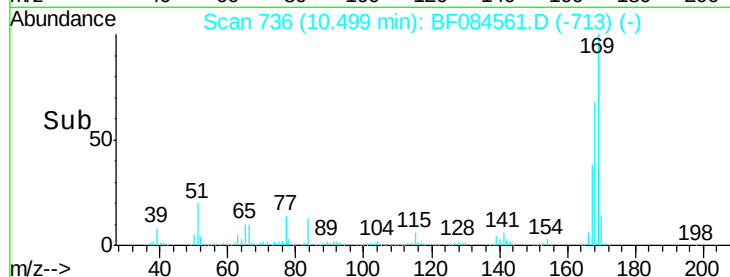
mohammad
1/20/2016 2:23:06 PM



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 42.39 ng

RT: 10.86 min Scan# 768

Delta R.T. -0.05 min

Lab File: BF084561.D

Acq: 19 Jan 2016 19:24

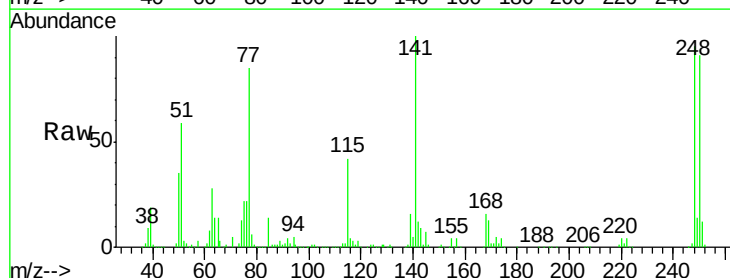
Tgt Ion:248 Resp: 378310

Ion Ratio Lower Upper

248 100

250 95.6 78.4 117.6

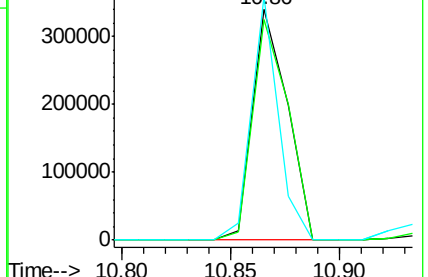
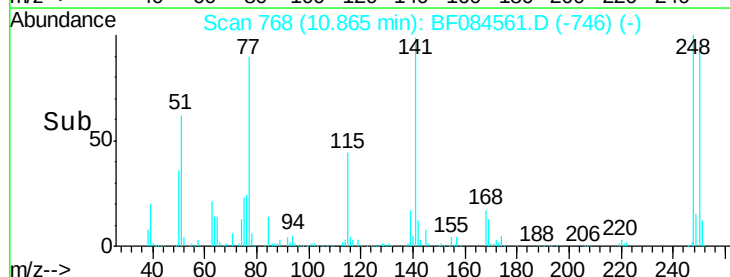
141 105.5 44.0 66.0#

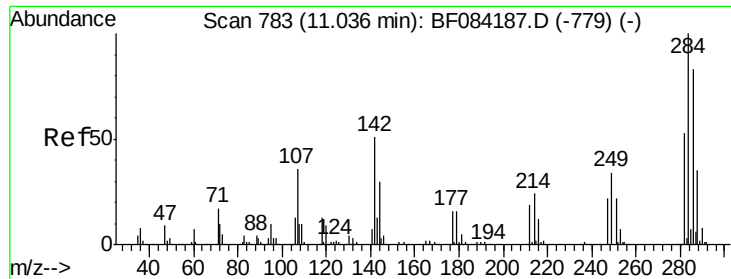


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 42.06 ng

RT: 10.93 min Scan# 774

Delta R.T. -0.03 min

Lab File: BF084561.D

Acq: 19 Jan 2016 19:24

Instrument :

BNA_F

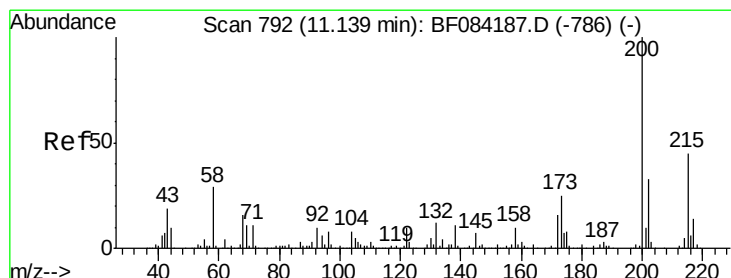
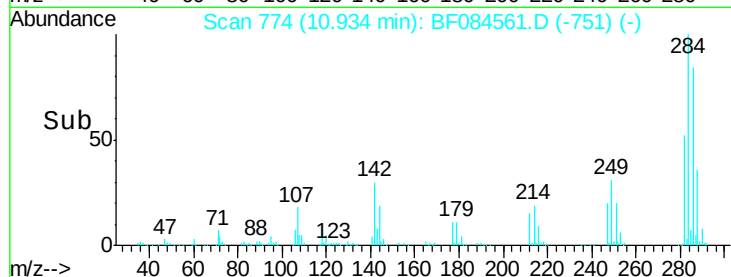
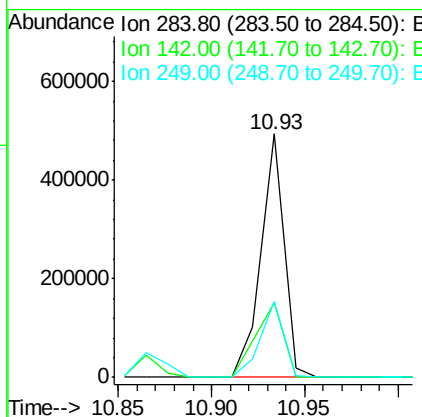
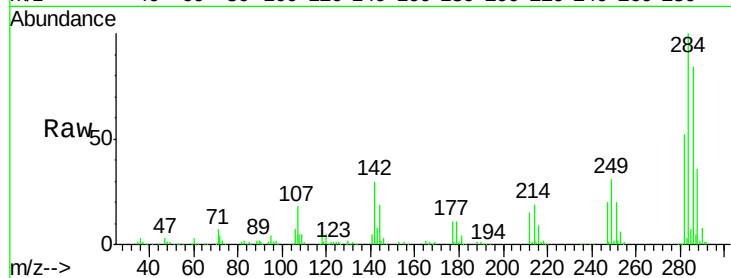
ClientSampleId :

SSTDCCC040EC

Tot Ion:	284	Resp:	422437
Ion Ratio	Lower	Upper	
284	100		
142	30.5	22.2	33.4
249	31.2	24.6	37.0

Manual Integrations
APPROVED

mohammad
1/20/2016 2:23:06 PM



#68

Atrazine

Concen: 40.40 ng

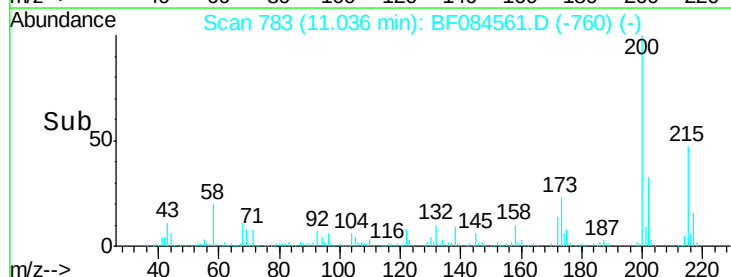
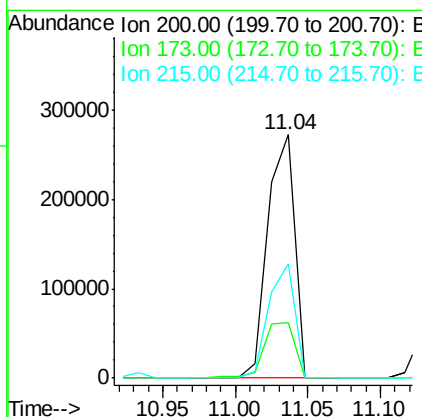
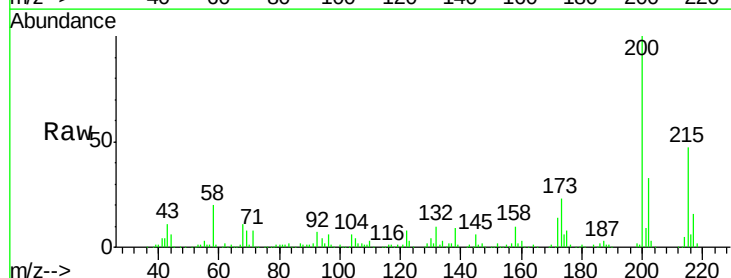
RT: 11.04 min Scan# 783

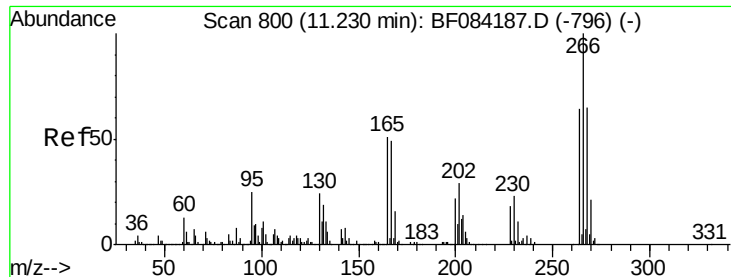
Delta R.T. -0.03 min

Lab File: BF084561.D

Acq: 19 Jan 2016 19:24

Tgt Ion:	200	Resp:	350507
Ion Ratio	Lower	Upper	
200	100		
173	22.7	9.5	49.5
215	47.1	23.8	63.8





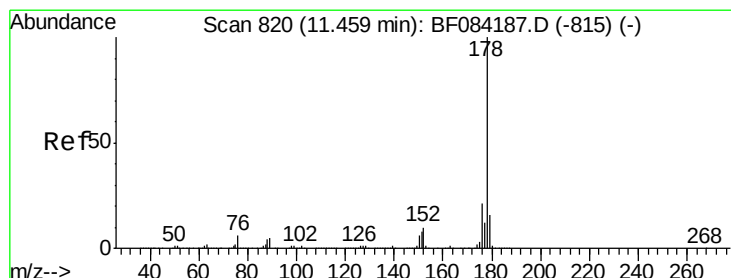
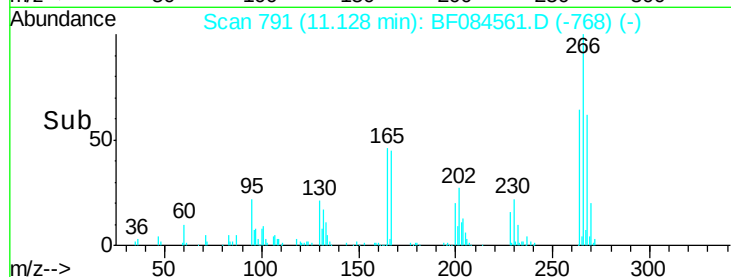
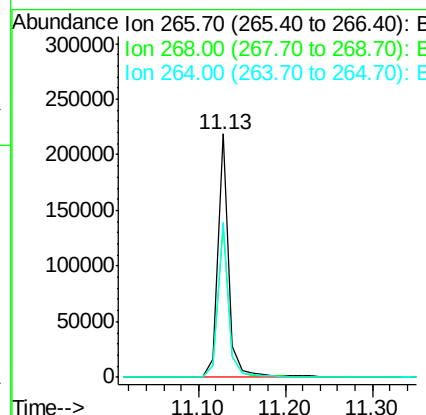
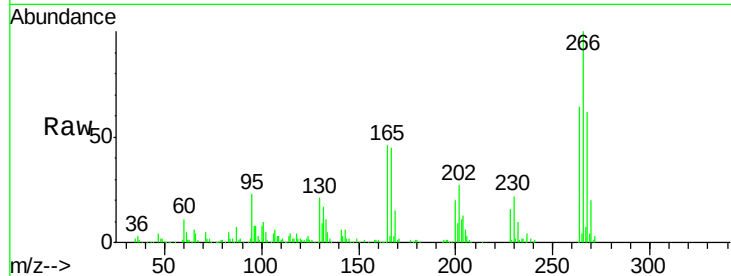
#69
 Pentachlorophenol
 Concen: 37.38 ng
 RT: 11.13 min Scan# 791
 Delta R.T. -0.03 min
 Lab File: BF084561.D
 Acq: 19 Jan 2016 19:24

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tot Ion	Ratio	Resp	Lower	Upper
266	100	194666		
268	62.0	52.4	78.6	
264	63.7	50.2	75.2	

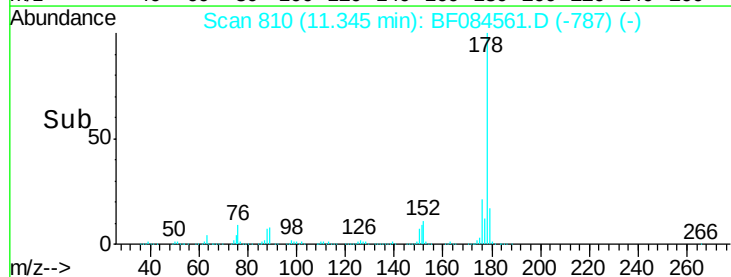
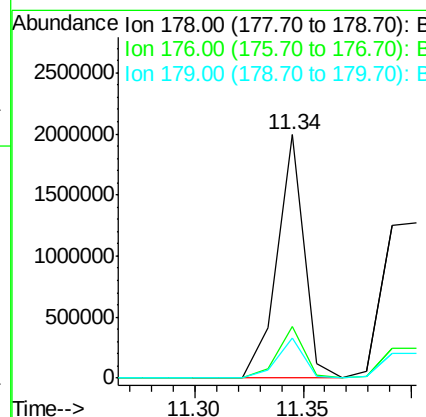
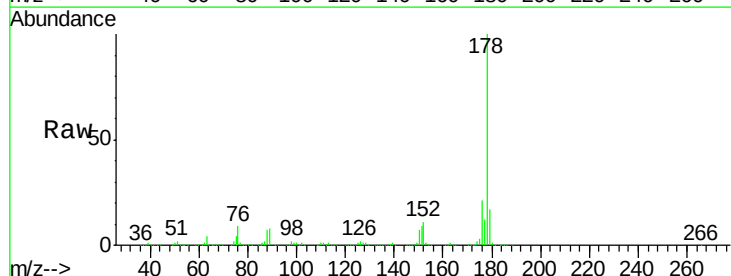
Manual Integrations
 APPROVED

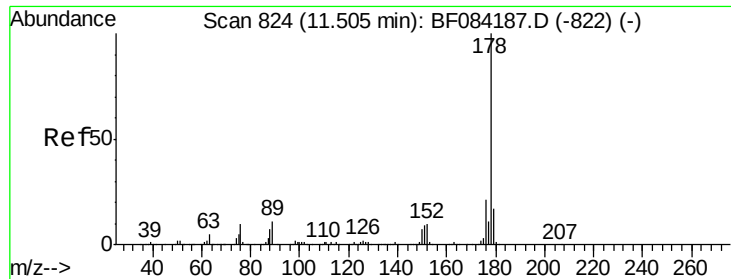
mohammad
 1/20/2016 2:23:06 PM



#70
 Phenanthrene
 Concen: 39.92 ng
 RT: 11.34 min Scan# 810
 Delta R.T. -0.03 min
 Lab File: BF084561.D
 Acq: 19 Jan 2016 19:24

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	1731587		
176	20.9	15.3	22.9	
179	16.6	12.0	18.0	





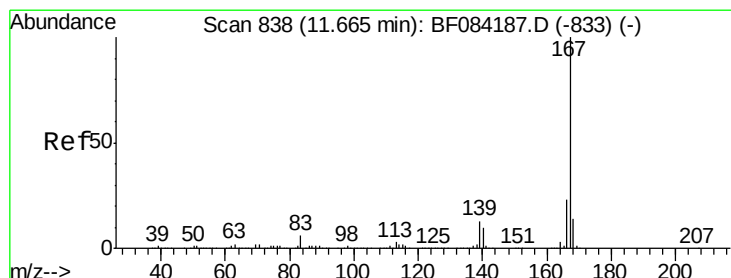
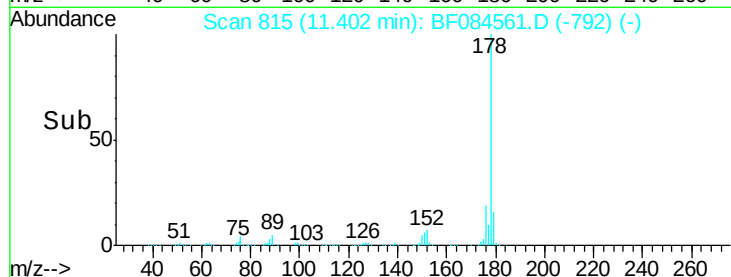
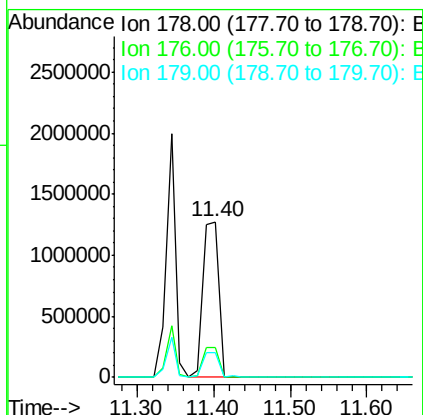
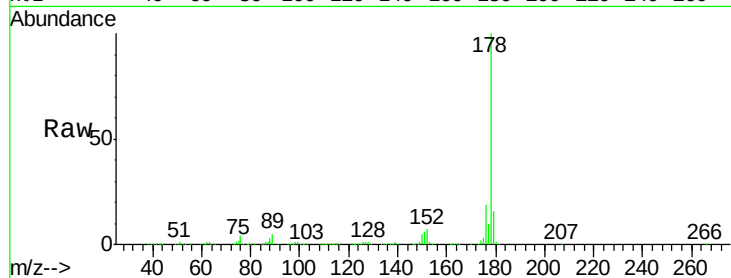
#71
 Anthracene
 Concen: 42.00 ng
 RT: 11.40 min Scan# 815
 Delta R.T. -0.03 min
 Lab File: BF084561.D
 Acq: 19 Jan 2016 19:24

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tot Ion:178 Resp: 1785668
 Ion Ratio Lower Upper
 178 100
 176 19.3 15.4 23.0
 179 15.7 12.5 18.7

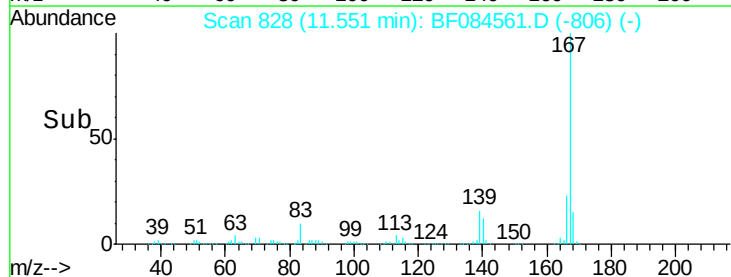
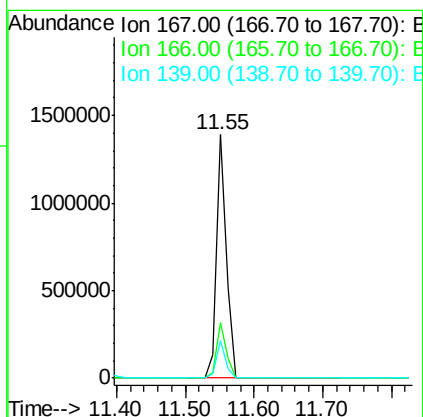
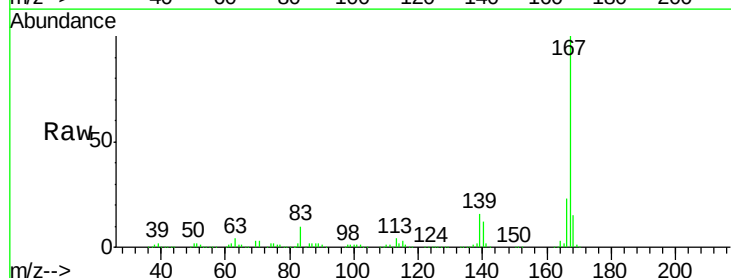
Manual Integrations
 APPROVED

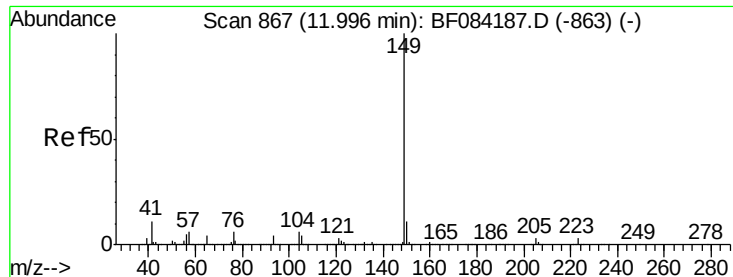
mohammad
 1/20/2016 2:23:06 PM



#72
 Carbazole
 Concen: 34.04 ng
 RT: 11.55 min Scan# 828
 Delta R.T. -0.05 min
 Lab File: BF084561.D
 Acq: 19 Jan 2016 19:24

Tgt Ion:167 Resp: 1415036
 Ion Ratio Lower Upper
 167 100
 166 23.0 17.6 26.4
 139 15.6 11.8 17.8





#73

Di-n-butylphthalate

Concen: 48.70 ng

RT: 11.89 min Scan# 858

Delta R.T. -0.03 min

Lab File: BF084561.D

Acq: 19 Jan 2016 19:24

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tot Ion:149 Resp: 2107301

Ion Ratio Lower Upper

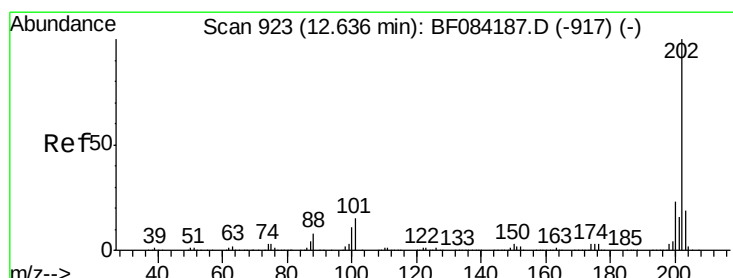
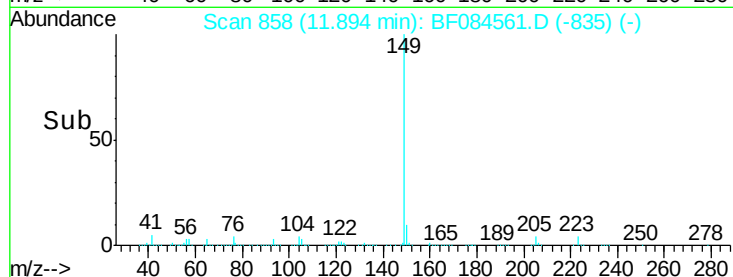
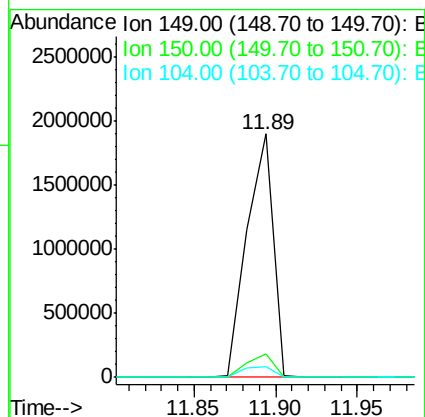
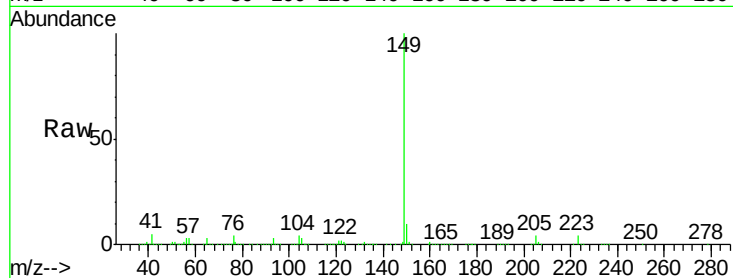
149 100

150 9.6 7.1 10.7

104 4.5 3.2 4.8

Manual Integrations
APPROVED

mohammad
1/20/2016 2:23:06 PM



#74

Fluoranthene

Concen: 36.37 ng

RT: 12.53 min Scan# 914

Delta R.T. -0.03 min

Lab File: BF084561.D

Acq: 19 Jan 2016 19:24

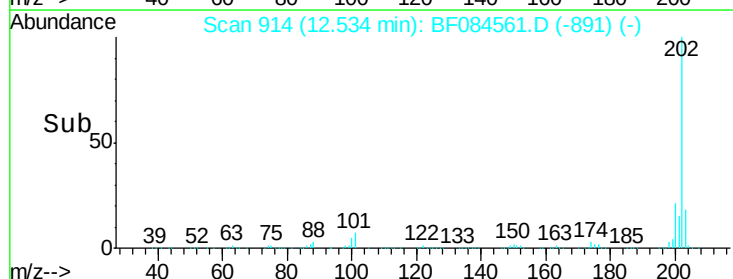
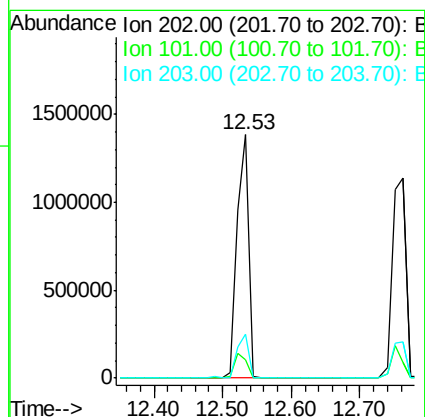
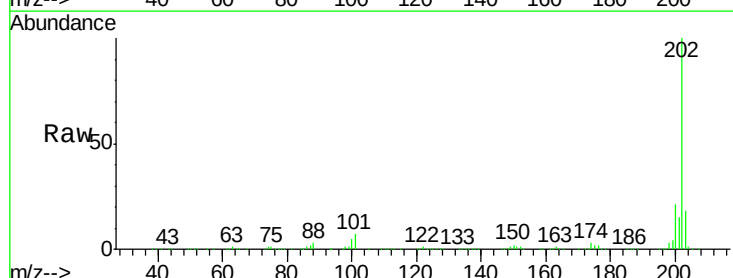
Tgt Ion:202 Resp: 1648091

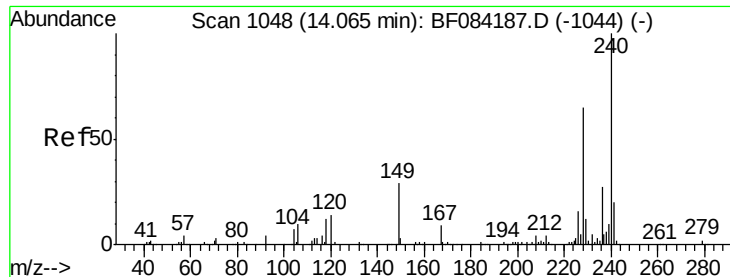
Ion Ratio Lower Upper

202 100

101 7.3 0.0 32.8

203 18.1 0.0 37.9





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.95 min Scan# 1038

Delta R.T. -0.05 min

Lab File: BF084561.D

Acq: 19 Jan 2016 19:24

Instrument :

BNA_F

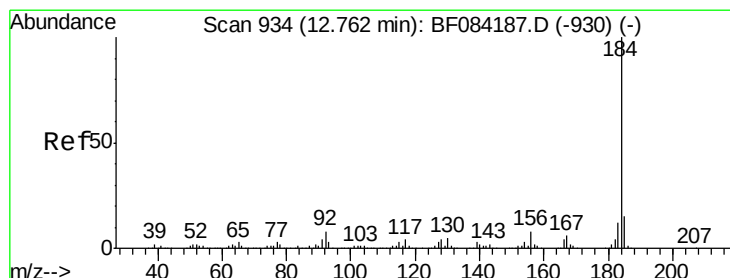
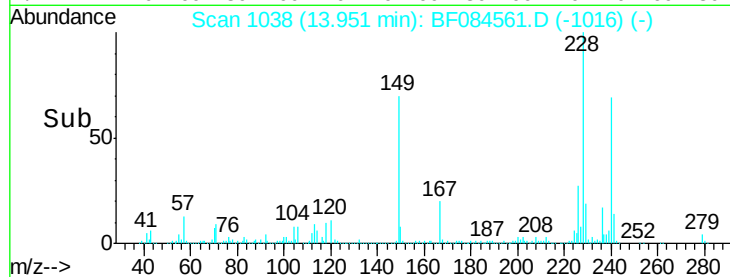
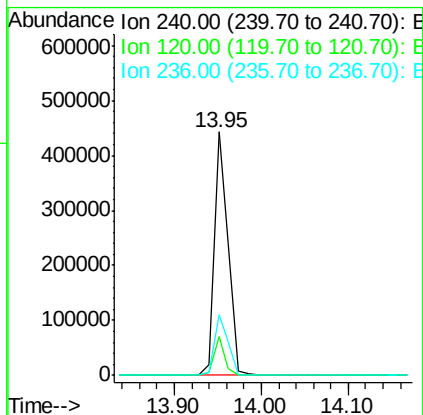
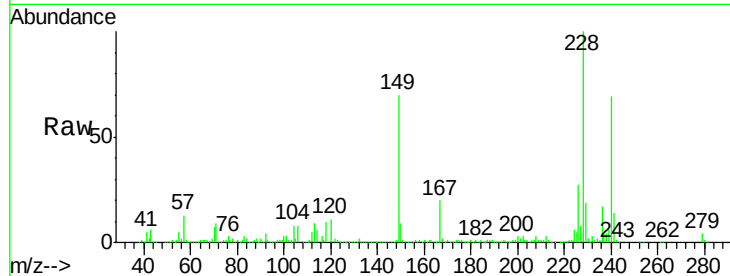
ClientSampleId :

SSTDCCC040EC

Tot Ion	Ratio	Resp	Lower	Upper
240	100	490691		
120	15.8	9.5	14.3#	
236	25.0	20.6	31.0	

Manual Integrations
APPROVED

mohammad
1/20/2016 2:23:06 PM



#76

Benzidine

Concen: 38.38 ng

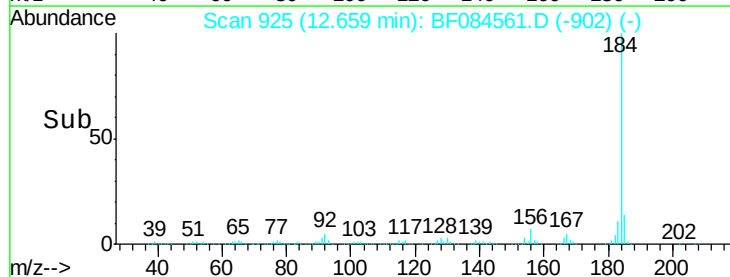
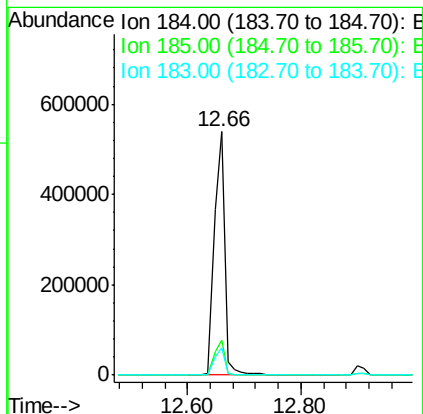
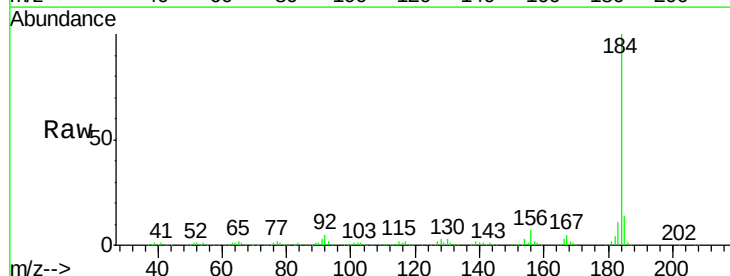
RT: 12.66 min Scan# 925

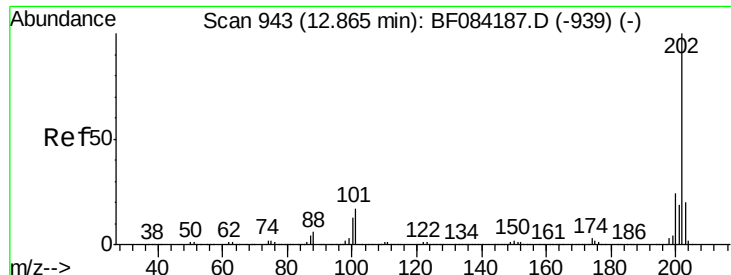
Delta R.T. -0.03 min

Lab File: BF084561.D

Acq: 19 Jan 2016 19:24

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	675294		
185	14.2	12.2	18.2	
183	11.3	9.8	14.8	





#77

Pvrene

Concen: 40.96 ng

RT: 12.76 min Scan# 934

Delta R.T. -0.03 min

Lab File: BF084561.D

Acq: 19 Jan 2016 19:24

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tot Ion:202 Resp: 1577070

Ion Ratio Lower Upper

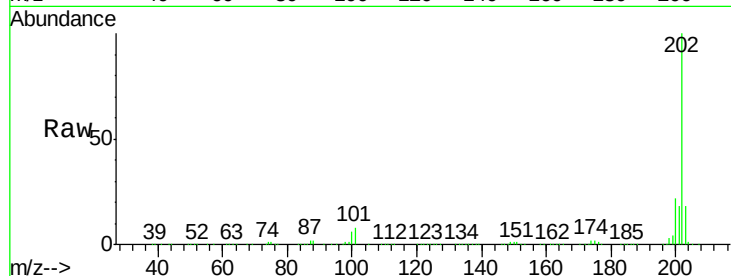
202 100

200 21.6 17.2 25.8

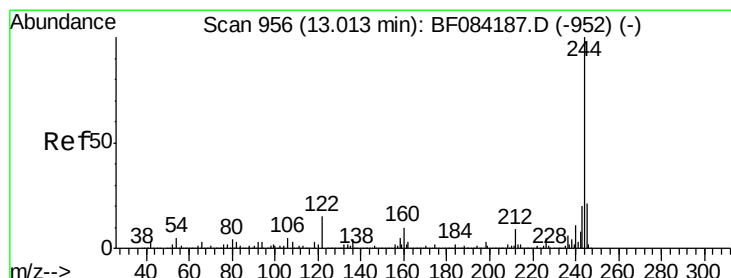
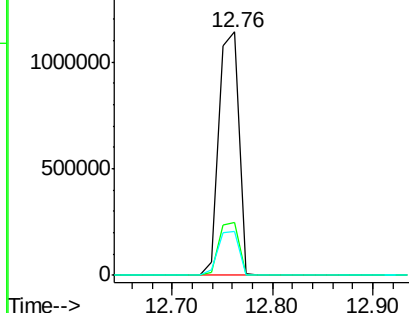
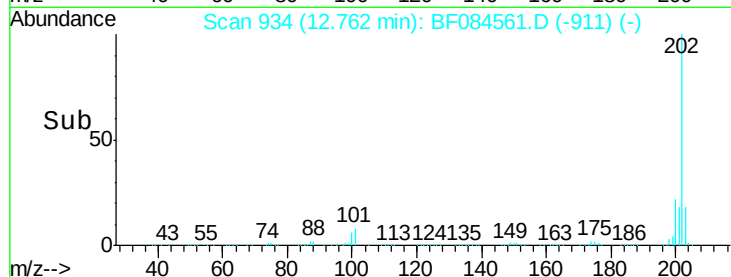
203 17.8 14.3 21.5

Manual Integrations
APPROVED

mohammad
1/20/2016 2:23:06 PM



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



#78

Terphenyl-d14

Concen: 83.17 ng

RT: 12.91 min Scan# 947

Delta R.T. -0.03 min

Lab File: BF084561.D

Acq: 19 Jan 2016 19:24

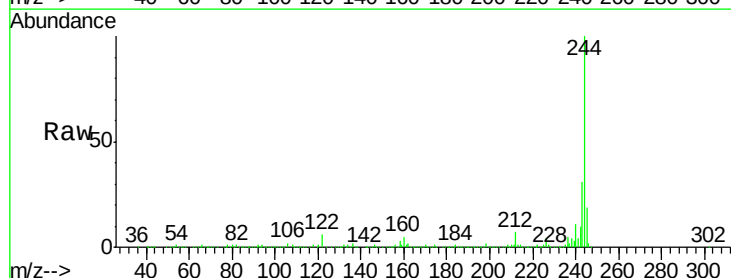
Tgt Ion:244 Resp: 1828358

Ion Ratio Lower Upper

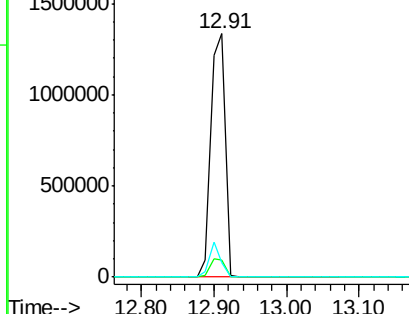
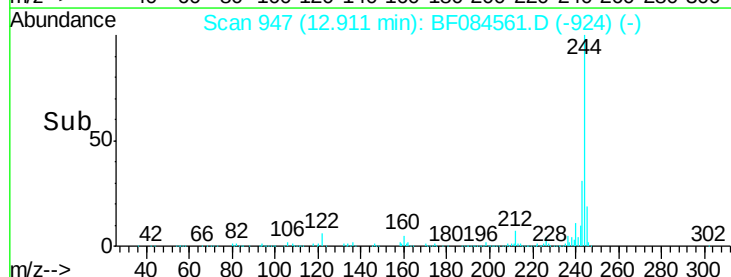
244 100

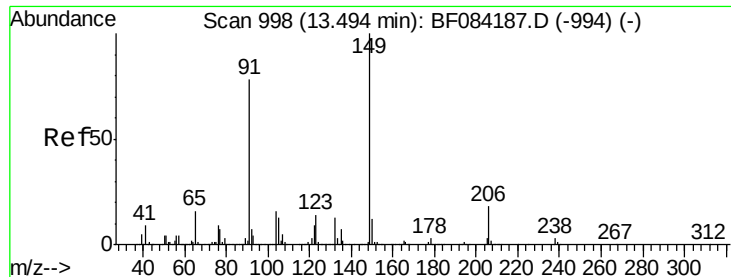
212 6.7 5.7 8.5

122 5.7 7.4 11.0#



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





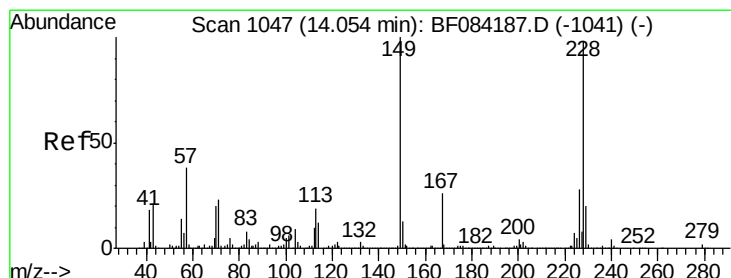
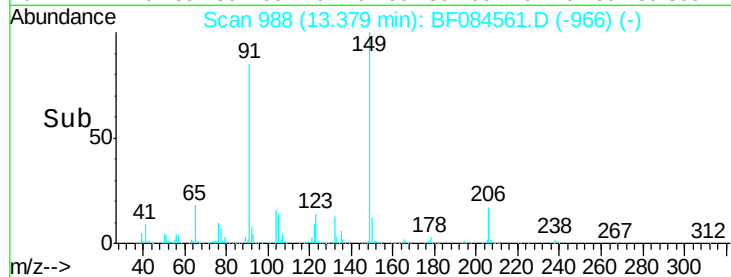
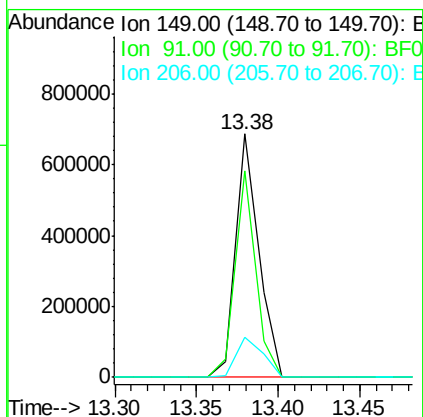
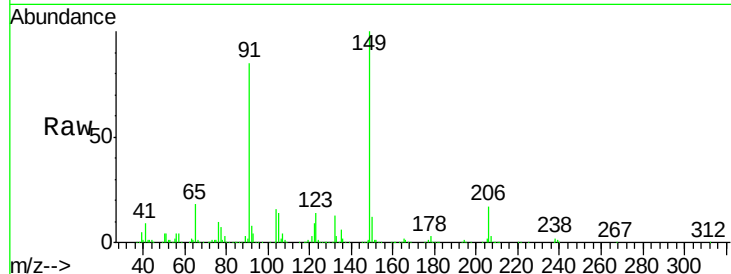
#79
Butylbenzylphthalate
Concen: 40.13 ng
RT: 13.38 min Scan# 988
Delta R.T. -0.05 min
Lab File: BF084561.D
Acq: 19 Jan 2016 19:24

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Resp	Lower	Upper
149	100	668685		
91	85.0		57.6	86.4
206	16.7		13.2	19.8

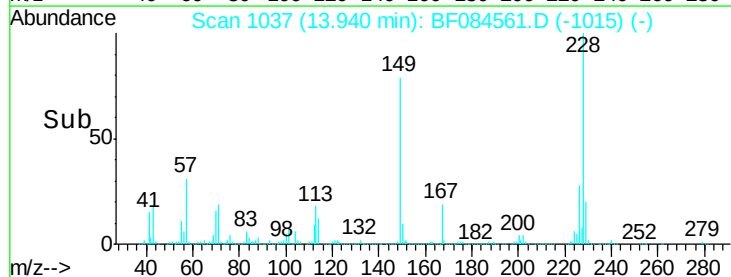
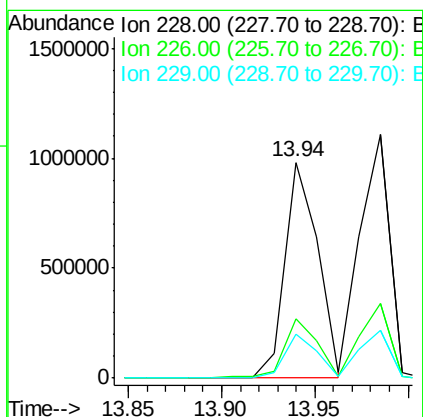
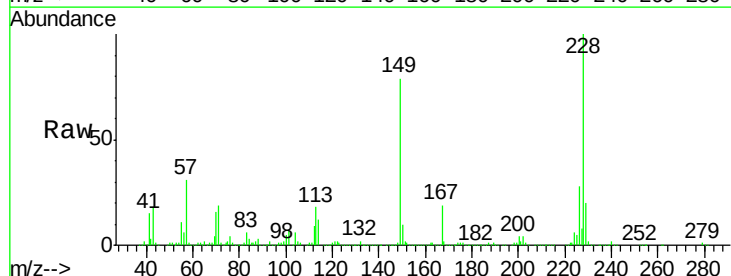
Manual Integrations
APPROVED

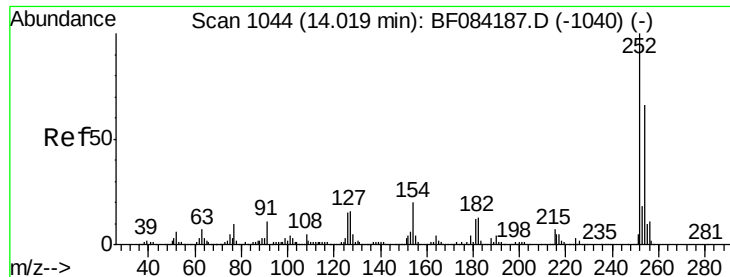
mohammad
1/20/2016 2:23:06 PM



#80
Benzo(a)anthracene
Concen: 42.00 ng
RT: 13.94 min Scan# 1037
Delta R.T. -0.05 min
Lab File: BF084561.D
Acq: 19 Jan 2016 19:24

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	1210126		
226	27.6		21.8	32.6
229	20.1		15.8	23.8





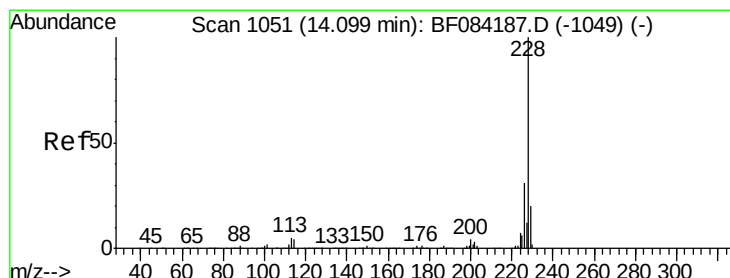
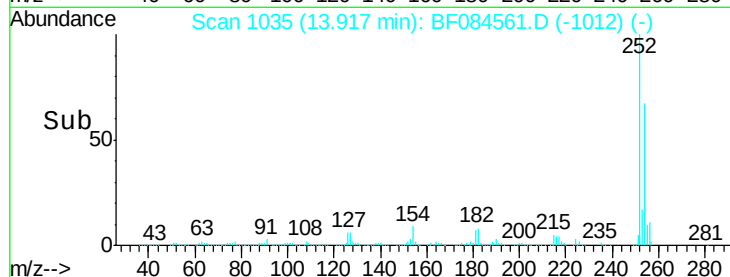
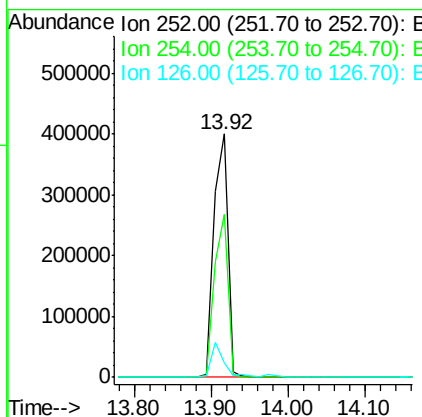
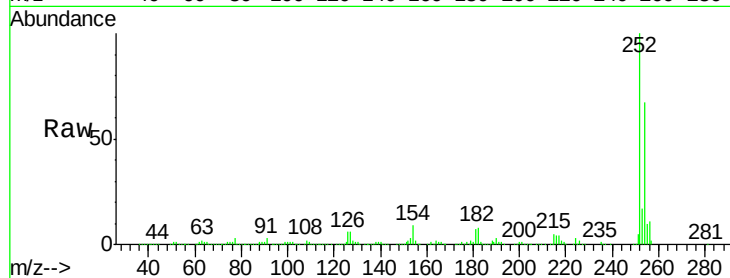
#81
 3,3'-Dichlorobenzidine
 Concen: 49.71 ng
 RT: 13.92 min Scan# 1035
 Delta R.T. -0.03 min
 Lab File: BF084561.D
 Acq: 19 Jan 2016 19:24

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
252	100		
254	67.0	53.5	80.3
126	6.0	4.9	7.3

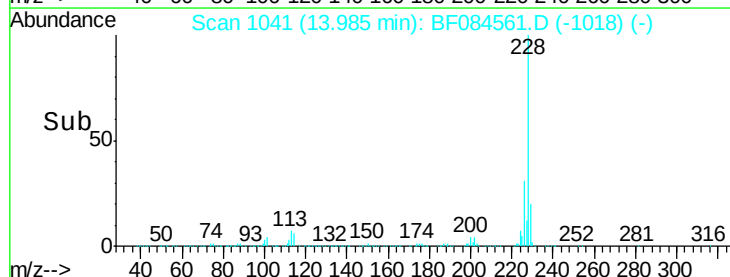
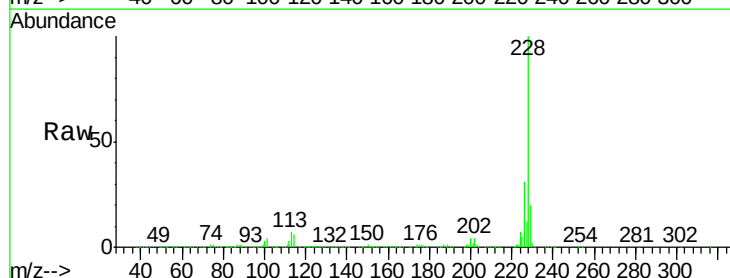
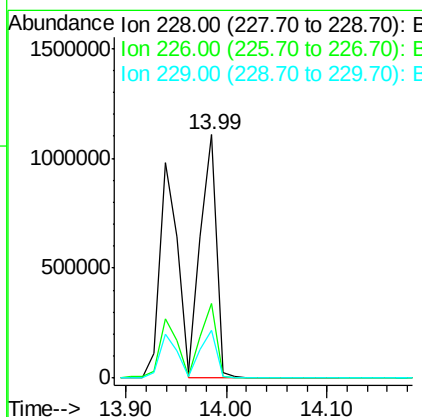
Manual Integrations
 APPROVED

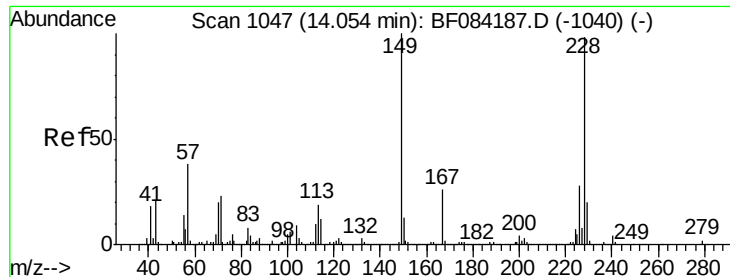
mohammad
 1/20/2016 2:23:06 PM



#82
 Chrysene
 Concen: 44.38 ng
 RT: 13.99 min Scan# 1041
 Delta R.T. -0.03 min
 Lab File: BF084561.D
 Acq: 19 Jan 2016 19:24

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.8	24.3	36.5
229	19.8	16.1	24.1





#83

Bis(2-ethylhexyl)phthalate

Concen: 41.19 ng

RT: 13.94 min Scan# 1037

Delta R.T. -0.05 min

Lab File: BF084561.D

Acq: 19 Jan 2016 19:24

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tot Ion:149 Resp: 867084

Ion Ratio Lower Upper

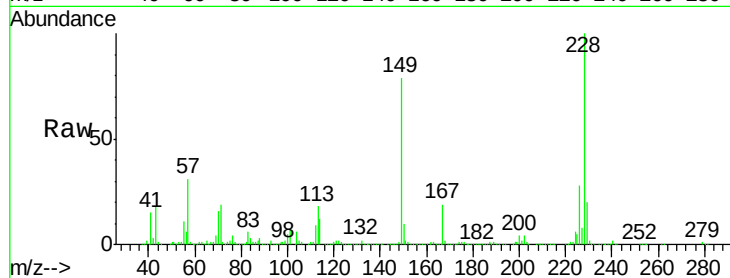
149 100

167 24.2 19.7 29.5

279 1.8 1.8 2.6#

Manual Integrations
APPROVED

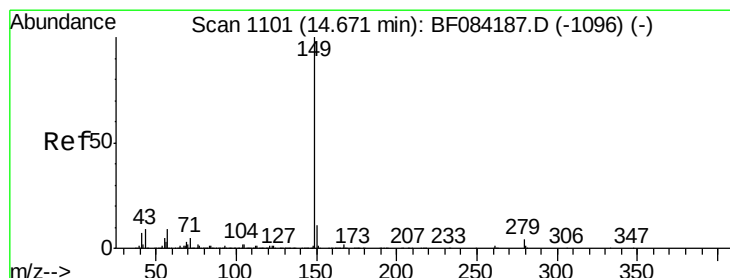
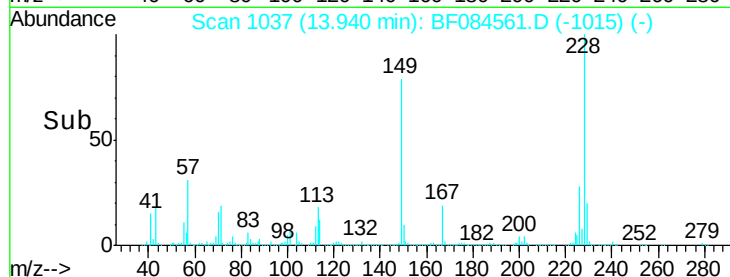
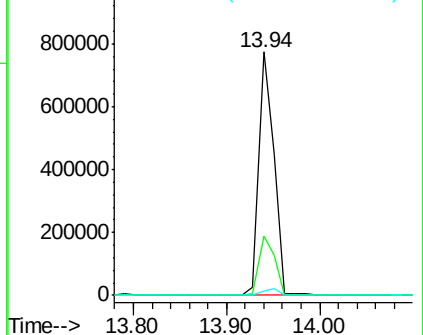
mohammad
1/20/2016 2:23:06 PM



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 44.01 ng

RT: 14.56 min Scan# 1091

Delta R.T. -0.03 min

Lab File: BF084561.D

Acq: 19 Jan 2016 19:24

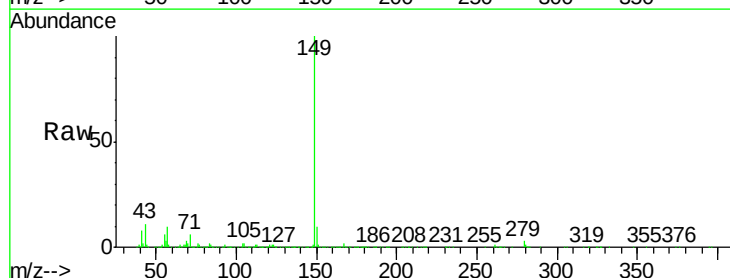
Tgt Ion:149 Resp: 1564157

Ion Ratio Lower Upper

149 100

167 1.7 1.2 1.8

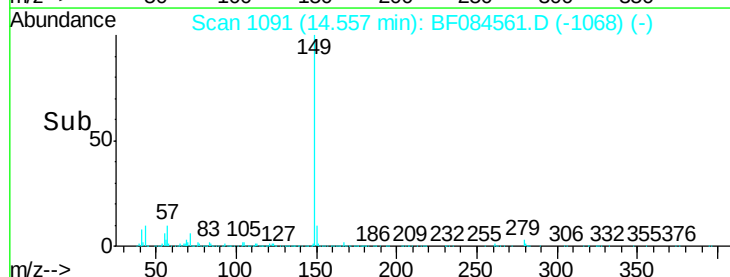
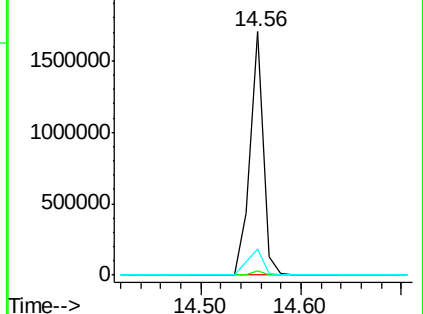
43 12.1 5.6 8.4#

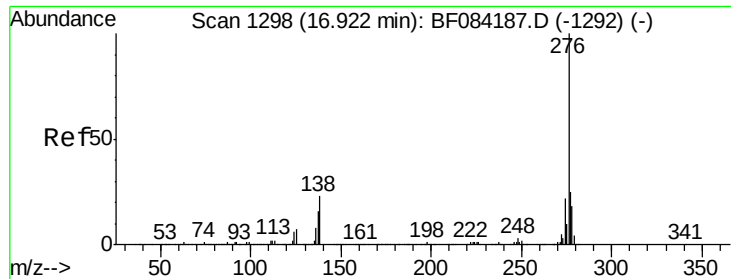


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0





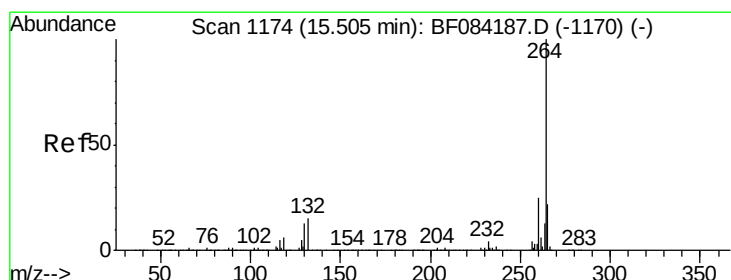
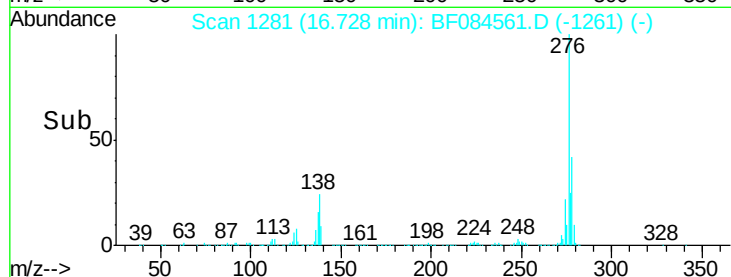
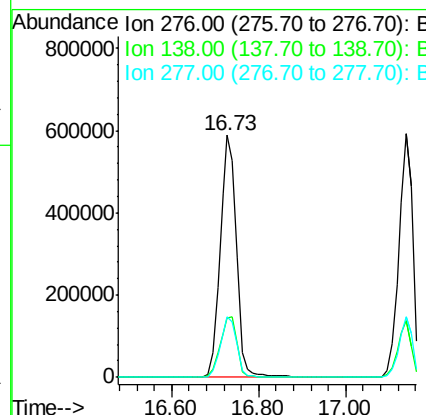
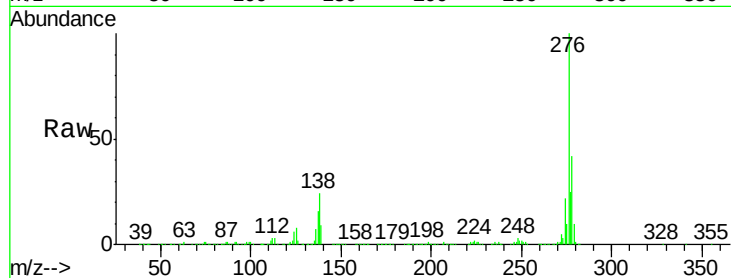
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 71.50 ng
 RT: 16.73 min Scan# 1281
 Delta R.T. -0.07 min
 Lab File: BF084561.D
 Acq: 19 Jan 2016 19:24

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
276	100		
138	26.1	20.6	30.8
277	25.2	20.1	30.1

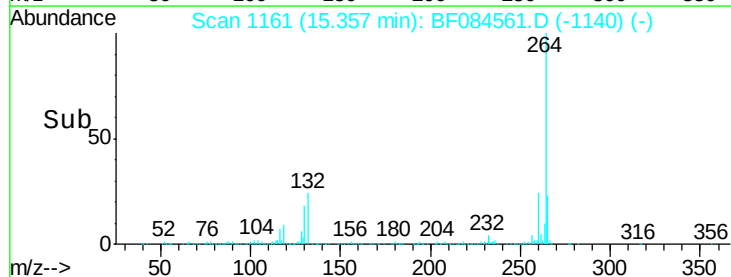
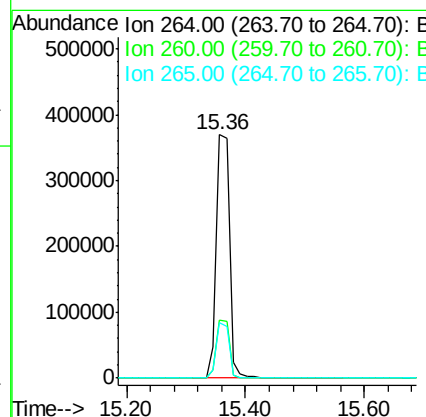
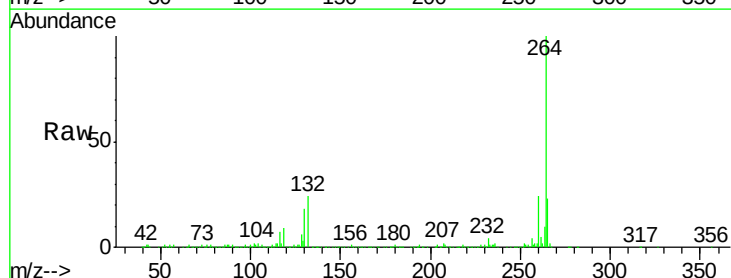
Manual Integrations
 APPROVED

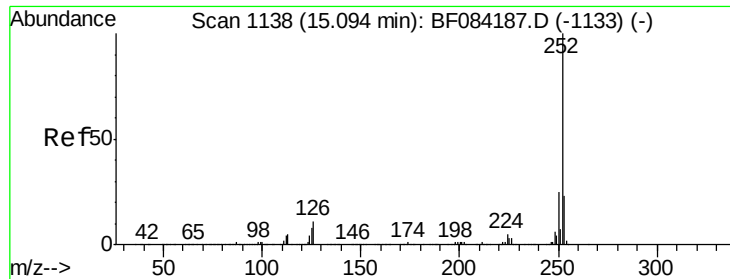
mohammad
 1/20/2016 2:23:06 PM



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.36 min Scan# 1161
 Delta R.T. -0.06 min
 Lab File: BF084561.D
 Acq: 19 Jan 2016 19:24

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.4	29.2
265	22.7	17.8	26.6





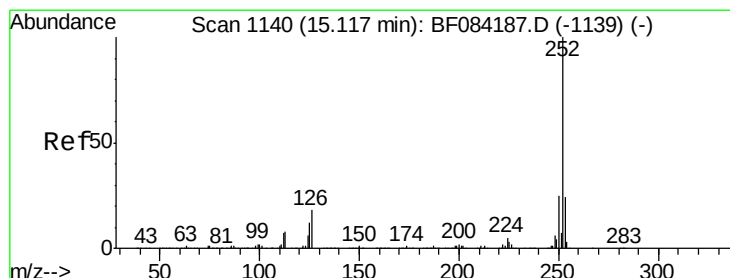
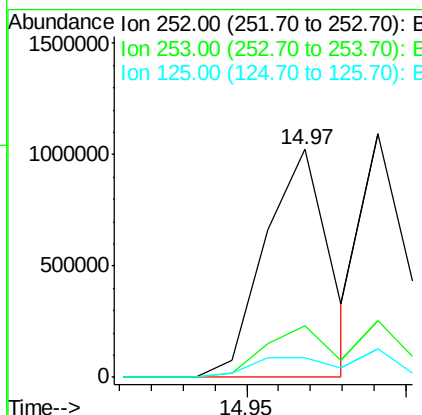
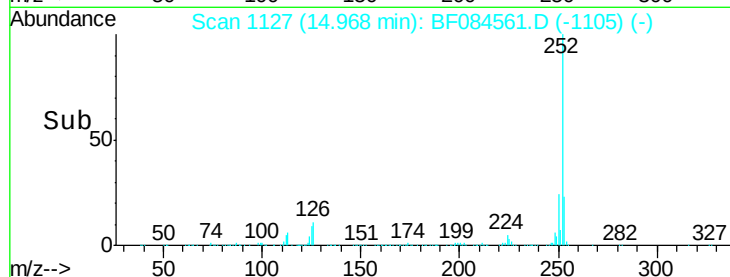
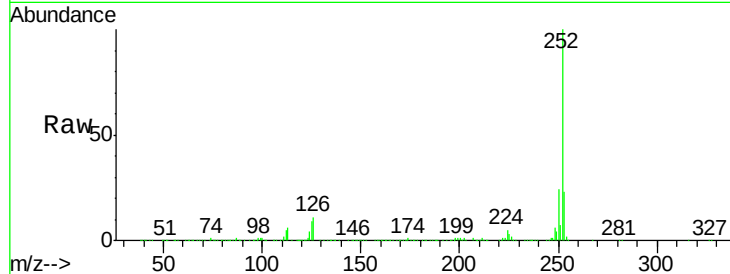
#87
Benzo(b)fluoranthene
Concen: 38.60 ng m
RT: 14.97 min Scan# 1127
Delta R.T. -0.05 min
Lab File: BF084561.D
Acq: 19 Jan 2016 19:24

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion:252 Resp: 1430760
Ion Ratio Lower Upper
252 100
253 22.7 17.3 25.9
125 8.7 6.5 9.7

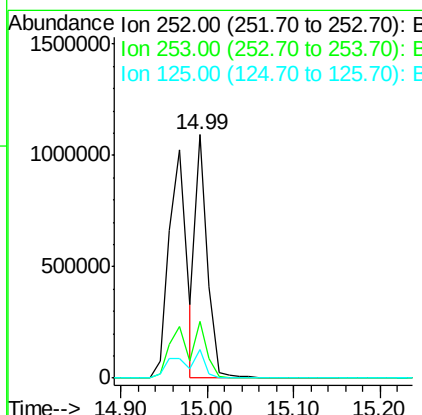
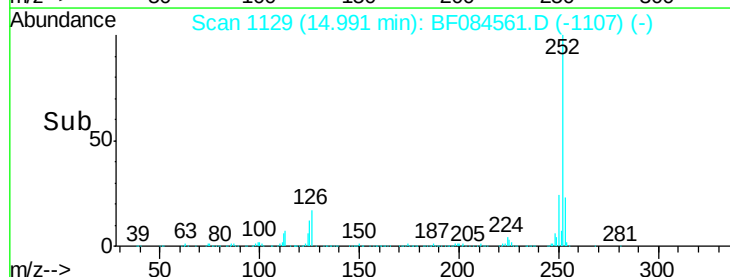
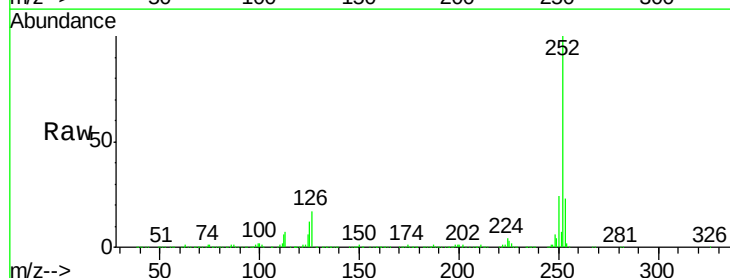
Manual Integrations
APPROVED

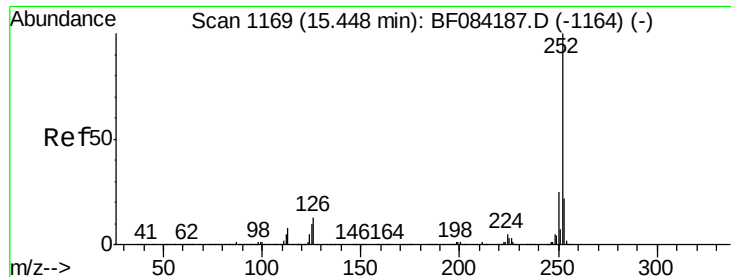
mohammad
1/20/2016 2:23:06 PM



#88
Benzo(k)fluoranthene
Concen: 35.71 ng m
RT: 14.99 min Scan# 1129
Delta R.T. -0.05 min
Lab File: BF084561.D
Acq: 19 Jan 2016 19:24

Tgt Ion:252 Resp: 1082581
Ion Ratio Lower Upper
252 100
253 23.1 18.1 27.1
125 12.0 9.0 13.6





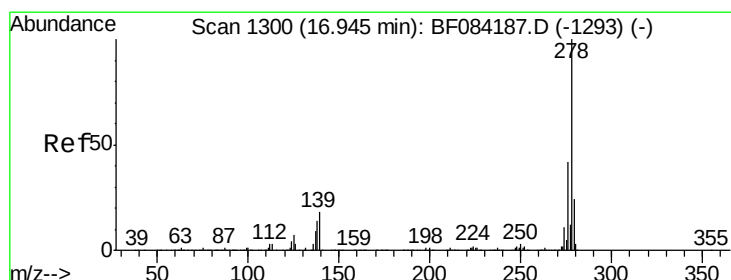
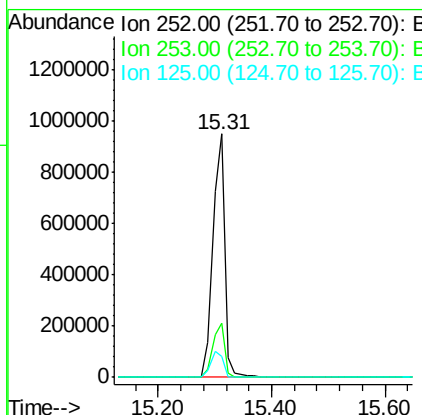
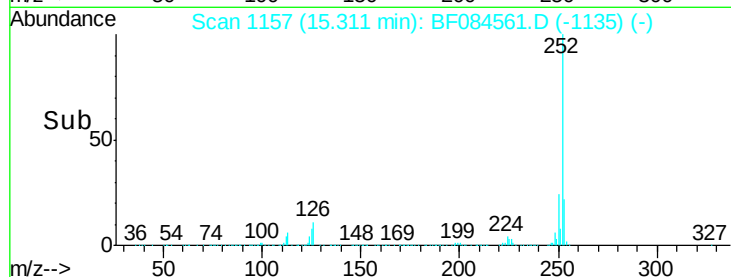
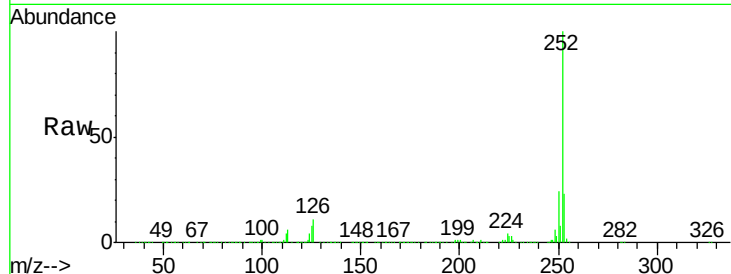
#89
Benzo(a)pyrene
Concen: 42.18 ng
RT: 15.31 min Scan# 1157
Delta R.T. -0.05 min
Lab File: BF084561.D
Acq: 19 Jan 2016 19:24

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.3	25.9
125	8.4	7.0	10.4

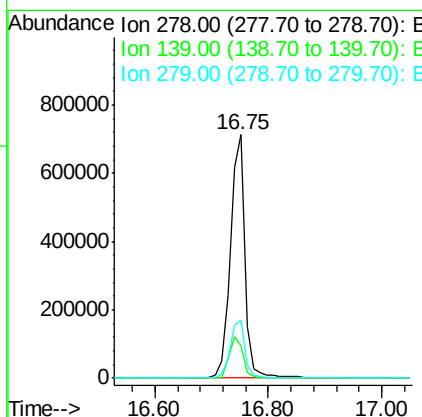
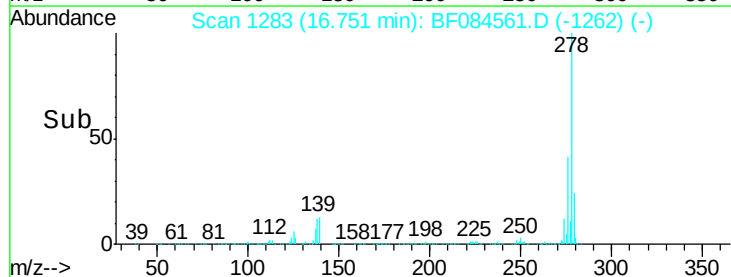
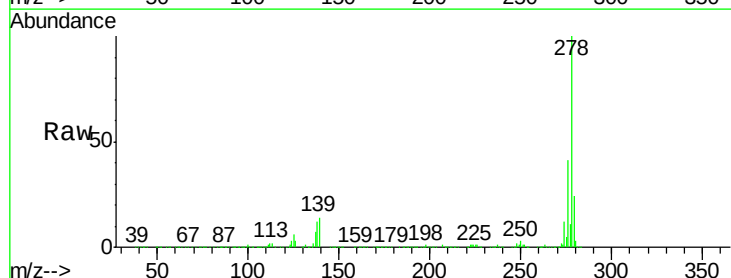
Manual Integrations
APPROVED

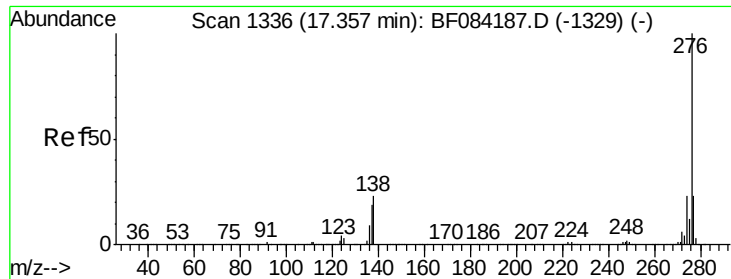
mohammad
1/20/2016 2:23:06 PM



#90
Dibenzo(a,h)anthracene
Concen: 47.74 ng
RT: 16.75 min Scan# 1283
Delta R.T. -0.06 min
Lab File: BF084561.D
Acq: 19 Jan 2016 19:24

Tgt Ion	Ratio	Lower	Upper
278	100		
139	13.5	15.0	22.4#
279	23.7	18.9	28.3





#91
 Benzo(a,h,i)perylene
 Concen: 47.82 ng
 RT: 17.14 min Scan# 1317
 Delta R.T. -0.08 min
 Lab File: BF084561.D
 Acq: 19 Jan 2016 19:24

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
276	100		
277	24.8	18.8	28.2
138	23.3	17.8	26.6

Manual Integrations
 APPROVED

mohammad
 1/20/2016 2:23:06 PM

