

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042117\
 Data File : BF094571.D
 Acq On : 21 Apr 2017 19:14
 Operator : SJ/MA
 Sample : I2786-02MS
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 BL-1(3)MS

Manual Integrations
 APPROVED

mohammad
 4/24/2017 5:13:23 PM

Quant Time: Apr 22 01:24:07 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF041717.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 17 14:59:23 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.77	152	116918	20.00	ng	0.00
21) Naphthalene-d8	7.26	136	468382	20.00	ng	0.00
38) Acenaphthene-d10	9.39	164	200365	20.00	ng	0.00
63) Phenanthrene-d10	11.21	188	344781	20.00	ng	0.00
75) Chrysene-d12	14.46	240	270041	20.00	ng	0.00
86) Perylene-d12	16.08	264	272610	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	4.32	112	953257	135.27	ng	0.02
7) Phenol-d6	5.41	99	1177023	141.67	ng	0.01
23) Nitrobenzene-d5	6.42	82	734399	96.82	ng	0.00
41) 2,4,6-Tribromophenol	10.37	330	230146	146.85	ng	0.00
44) 2-Fluorobiphenyl	8.58	172	1309953	96.19	ng	0.00
78) Terphenyl-d14	13.19	244	1004450	99.42	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.11	88	126289	30.81	ng	96
3) Pyridine	2.64	79	303718	33.91	ng	98
4) n-Nitrosodimethylamine	2.58	42	146261	39.46	ng	89
6) Aniline	5.42	93	166193	15.05	ng	# 1
8) 2-Chlorophenol	5.54	128	336846	42.01	ng	95
9) Benzaldehyde	5.27	77	53710	8.50	ng	97
10) Phenol	5.42	94	452382	44.32	ng	92
11) bis(2-Chloroethyl)ether	5.48	93	309258	41.48	ng	95
12) 1,3-Dichlorobenzene	5.70	146	357291	40.22	ng	98
13) 1,4-Dichlorobenzene	5.78	146	362757	40.58	ng	95
14) 1,2-Dichlorobenzene	5.96	146	335010	40.69	ng	97
15) Benzyl Alcohol	5.95	79	251342	40.78	ng	99
16) 2,2'-oxybis(1-Chloropropan	6.10	45	408590	41.80	ng	# 33
17) 2-Methylphenol	6.10	107	264990	41.96	ng	# 88
18) Hexachloroethane	6.35	117	121088	39.52	ng	# 87
19) n-Nitroso-di-n-propylamine	6.26	70	237116	43.07	ng	95
20) 3+4-Methylphenols	6.28	107	359557	41.90	ng	# 62
22) Acetophenone	6.24	105	474413	41.66	ng	# 86
24) Nitrobenzene	6.44	77	330434	41.37	ng	90
25) Isophorone	6.73	82	597359	42.48	ng	# 93
26) 2-Nitrophenol	6.81	139	180836	42.14	ng	99
27) 2,4-Dimethylphenol	6.89	122	292358	41.94	ng	98
28) bis(2-Chloroethoxy)methane	6.99	93	384027	42.22	ng	99
29) 2,4-Dichlorophenol	7.11	162	281365	43.39	ng	98
30) 1,2,4-Trichlorobenzene	7.20	180	277986	41.46	ng	98
31) Naphthalene	7.29	128	946436	42.03	ng	99
32) Benzoic acid	7.07	122	166422	45.15	ng	94
33) 4-Chloroaniline	7.38	127	118640	12.67	ng	# 92
34) Hexachlorobutadiene	7.44	225	140742	42.11	ng	98
35) Caprolactam	7.82	113	87951m	43.17	ng	
36) 4-Chloro-3-methylphenol	7.99	107	283299	41.69	ng	89
37) 2-Methylnaphthalene	8.12	142	664548	43.14	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.33	216	253365	44.41	ng	99
40) Hexachlorocyclopentadiene	8.32	237	112759	48.85	ng	99

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042117\
 Data File : BF094571.D
 Acq On : 21 Apr 2017 19:14
 Operator : SJ/MA
 Sample : I2786-02MS
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 BL-1(3)MS

Manual Integrations
 APPROVED

mohammad
 4/24/2017 5:13:23 PM

Quant Time: Apr 22 01:24:07 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF041717.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 17 14:59:23 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.48	196	165406	41.28	nq	98
43) 2,4,5-Trichlorophenol	8.55	196	192718	46.84	nq	93
45) 1,1'-Biphenyl	8.70	154	720728	44.03	nq	98
46) 2-Chloronaphthalene	8.72	162	576059	44.25	nq	96
47) 2-Nitroaniline	8.85	65	168516	45.00	nq	90
48) Acenaphthylene	9.22	152	788456	38.86	nq	99
49) Dimethylphthalate	9.10	163	906379	60.70	nq	99
50) 2,6-Dinitrotoluene	9.16	165	148524	44.31	nq	91
51) Acenaphthene	9.44	154	525219	43.21	nq	99
52) 3-Nitroaniline	9.36	138	77913	20.09	nq	96
53) 2,4-Dinitrophenol	9.50	184	68483	40.70	nq	# 72
54) Dibenzofuran	9.65	168	766774	43.41	nq	97
55) 4-Nitrophenol	9.62	139	226722m	82.76	nq	
56) 2,4-Dinitrotoluene	9.66	165	190706	46.37	nq	# 92
57) Fluorene	10.07	166	603731	43.89	nq	99
58) 2,3,4,6-Tetrachlorophenol	9.81	232	138520	46.97	nq	96
59) Diethylphthalate	9.96	149	655535	46.53	nq	99
60) 4-Chlorophenyl-phenylether	10.08	204	258005	45.07	nq	89
61) 4-Nitroaniline	10.11	138	131331	33.32	nq	97
62) Azobenzene	10.27	77	610992	44.67	nq	93
64) 4,6-Dinitro-2-methylphenol	10.16	198	52423	23.21	nq	# 70
65) n-Nitrosodiphenylamine	10.23	169	551379	45.98	nq	98
66) 4-Bromophenyl-phenylether	10.67	248	156252	45.64	nq	98
67) Hexachlorobenzene	10.74	284	148356	43.00	nq	# 83
68) Atrazine	10.91	200	153996	42.93	nq	98
69) Pentachlorophenol	11.00	266	151210	110.37	nq	96
70) Phenanthrene	11.25	178	1004812	51.75	nq	98
71) Anthracene	11.31	178	884046	44.02	nq	98
72) Carbazole	11.51	167	785859	41.69	nq	99
73) Di-n-butylphthalate	11.97	149	999296	48.15	nq	99
74) Fluoranthene	12.71	202	908516	45.15	nq	98
76) Benzidine	12.88	184	193421	17.69	nq	95
77) Pyrene	12.98	202	916121	48.56	nq	99
79) Butylbenzylphthalate	13.80	149	389635	47.12	nq	91
80) Benzo(a)anthracene	14.45	228	734333	46.79	nq	99
81) 3,3'-Dichlorobenzidine	14.42	252	175825	31.64	nq	# 97
82) Chrysene	14.49	228	669919	46.70	nq	99
83) Bis(2-ethylhexyl)phthalate	14.51	149	583499	52.56	nq	99
84) Di-n-octyl phthalate	15.27	149	1000867	53.75	nq	97
85) Indeno(1,2,3-cd)pyrene	17.37	276	662648	48.55	nq	99
87) Benzo(b)fluoranthene	15.69	252	749452	44.94	nq	98
88) Benzo(k)fluoranthene	15.72	252	662402m	41.97	nq	
89) Benzo(a)pyrene	16.03	252	677886	43.69	nq	99
90) Dibenzo(a,h)anthracene	17.38	278	539821	41.90	nq	98
91) Benzo(g,h,i)perylene	17.74	276	542796	41.39	nq	98

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

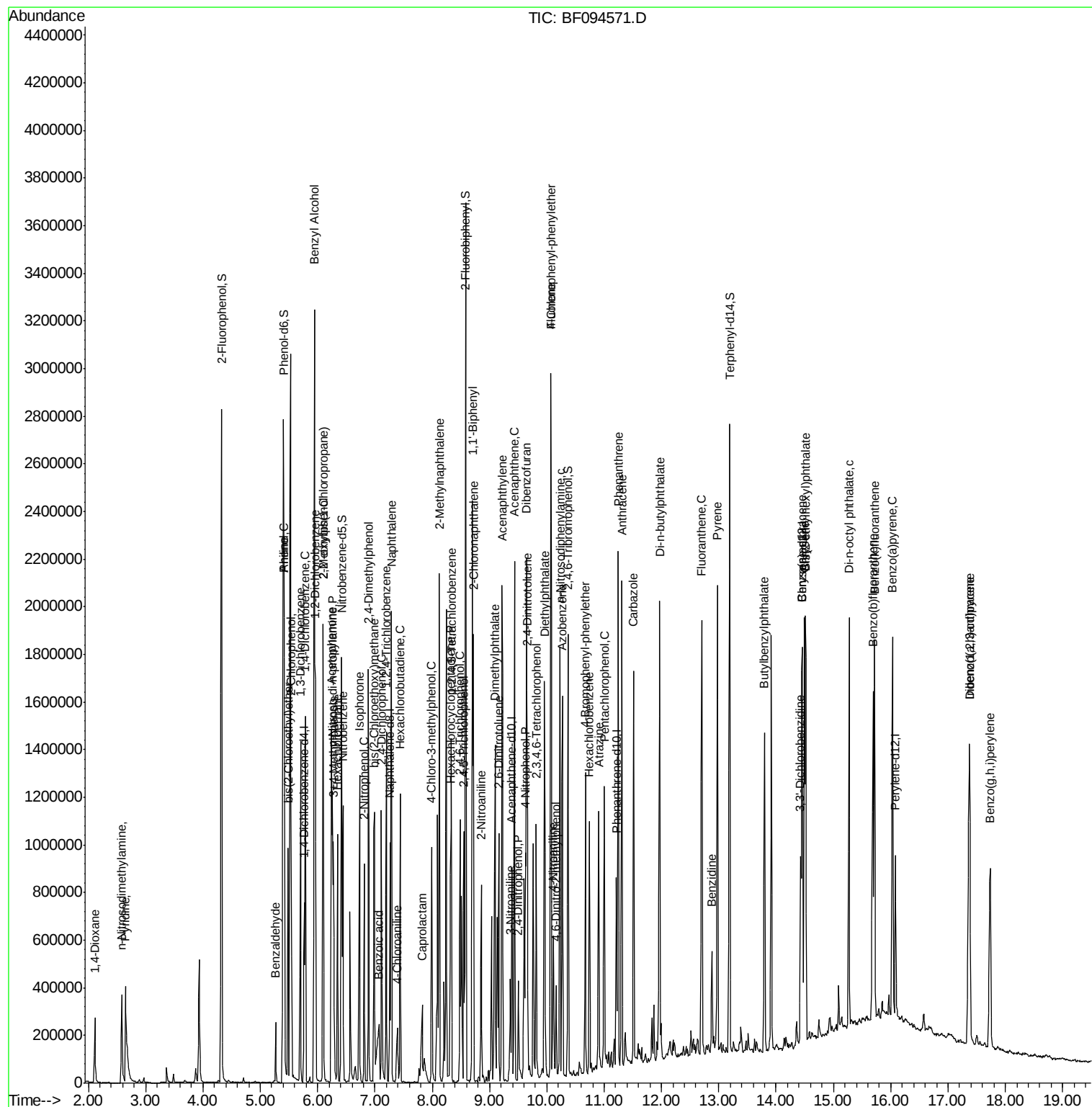
Data Path : Z:\HPCHEM1\BNA F\DATA\BF042117\
 Data File : BF094571.D
 Acq On : 21 Apr 2017 19:14
 Operator : SJ/MA
 Sample : I2786-02MS
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

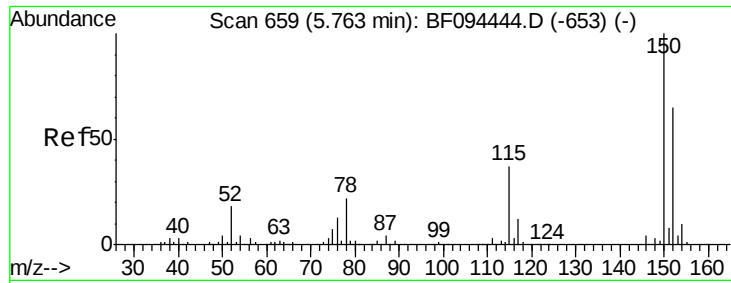
Instrument :
 BNA_F
 ClientSampled :
 BL-1(3)MS

Manual Integrations
 APPROVED

mohammad
 4/24/2017 5:13:23 PM

Quant Time: Apr 22 01:24:07 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF041717.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 17 14:59:23 2017
 Response via : Initial Calibration





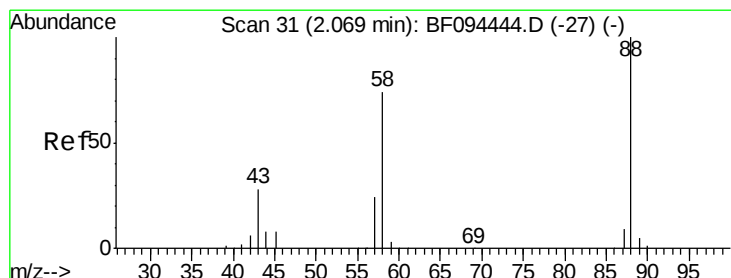
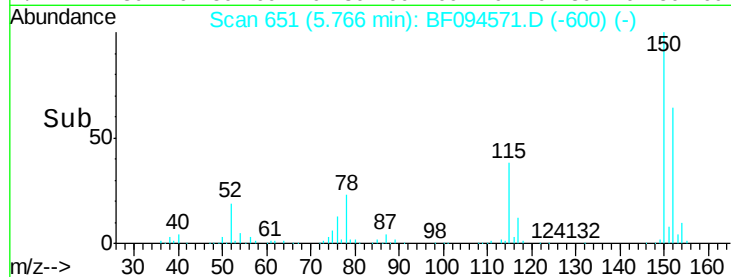
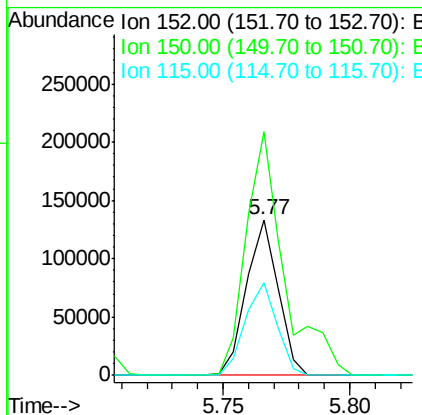
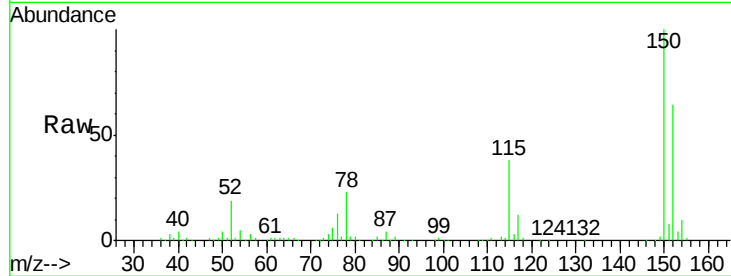
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 5.77 min Scan# 651
 Delta R.T. 0.00 min
 Lab File: BF094571.D
 Acq: 21 Apr 2017 19:14

Instrument :
 BNA_F
 ClientSampleId :
 BL-1(3)MS

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.2	126.2	189.2
115	59.6	52.2	78.2

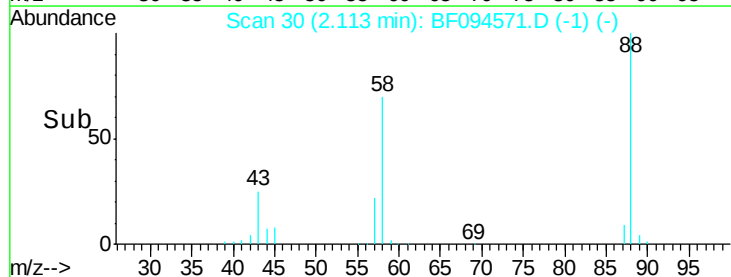
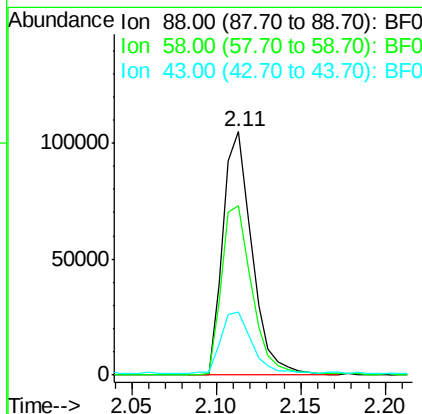
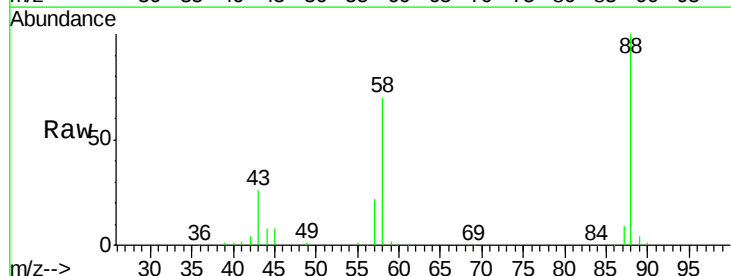
Manual Integrations
 APPROVED

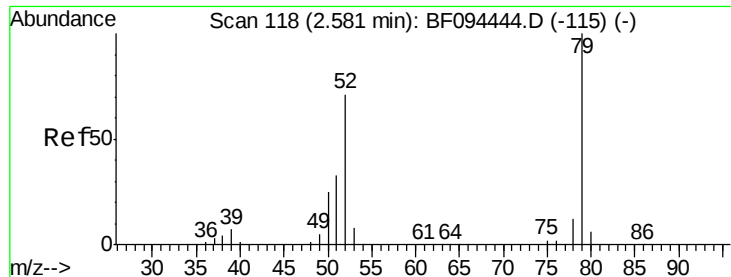
mohammad
 4/24/2017 5:13:23 PM



#2
 1,4-Dioxane
 Concen: 30.81 ng
 RT: 2.11 min Scan# 30
 Delta R.T. 0.04 min
 Lab File: BF094571.D
 Acq: 21 Apr 2017 19:14

Tgt Ion	Ratio	Lower	Upper
88	100		
58	73.4	61.4	92.0
43	27.0	23.4	35.0





#3

Pvridine

Concen: 33.91 ng

RT: 2.64 min Scan# 120

Delta R.T. 0.06 min

Lab File: BF094571.D

Acq: 21 Apr 2017 19:14

Instrument :

BNA_F

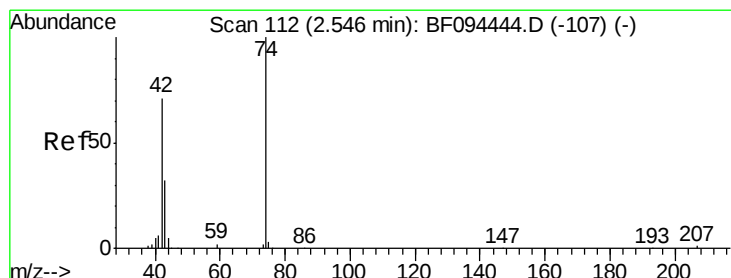
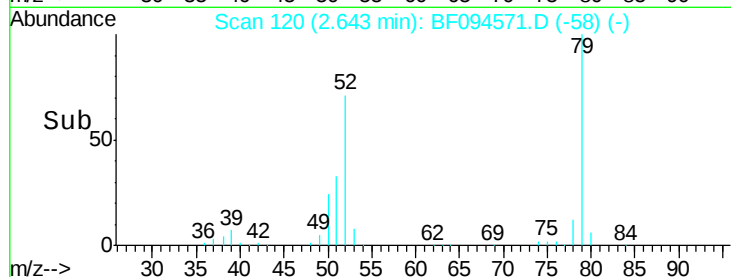
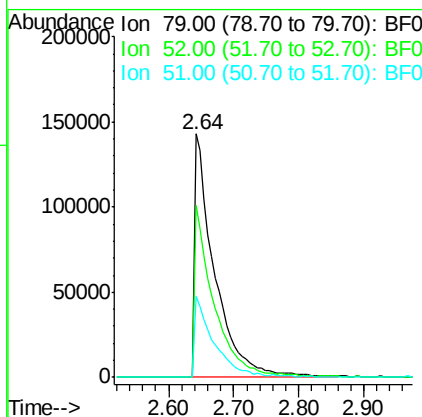
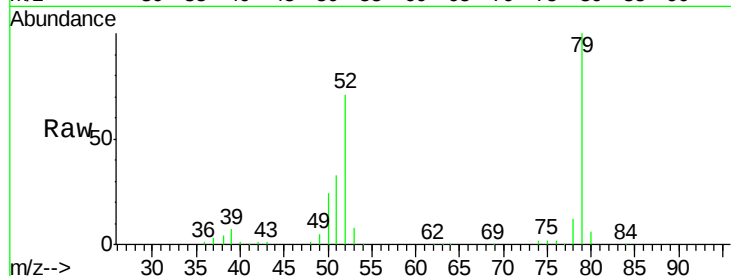
ClientSampleId :

BL-1(3)MS

Tot Ion:	79	Resp:	303718
Ion	Ratio	Lower	Upper
79	100		
52	70.7	54.8	82.2
51	33.5	27.0	40.4

Manual Integrations
APPROVED

mohammad
4/24/2017 5:13:23 PM



#4

n-Nitrosodimethylamine

Concen: 39.46 ng

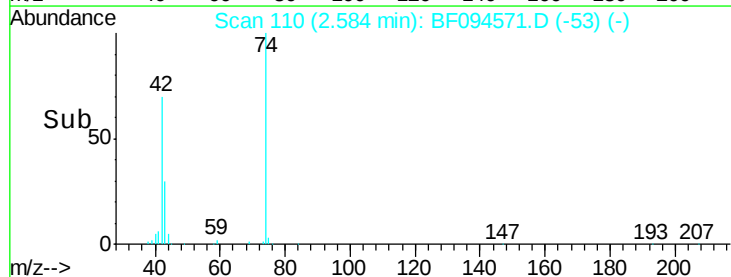
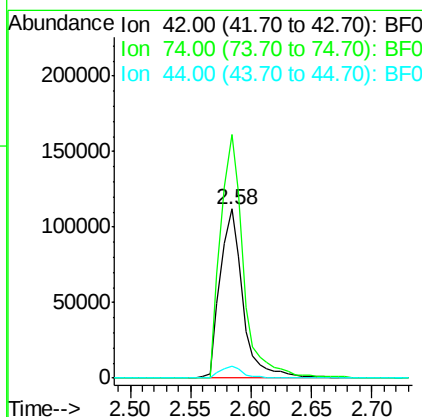
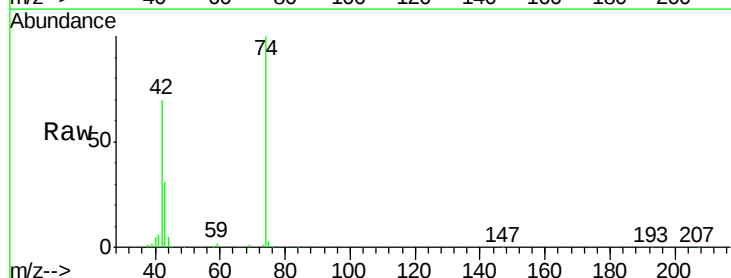
RT: 2.58 min Scan# 110

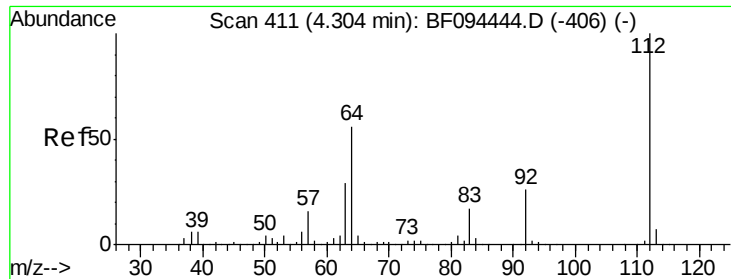
Delta R.T. 0.04 min

Lab File: BF094571.D

Acq: 21 Apr 2017 19:14

Tgt Ion:	42	Resp:	146261
Ion	Ratio	Lower	Upper
42	100		
74	143.9	103.9	155.9
44	6.9	5.7	8.5





#5

2-Fluorophenol

Concen: 135.27 ng

RT: 4.32 min Scan# 406

Delta R.T. 0.02 min

Lab File: BF094571.D

Acq: 21 Apr 2017 19:14

Instrument :

BNA_F

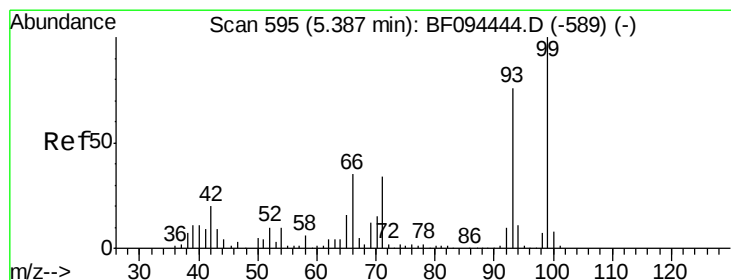
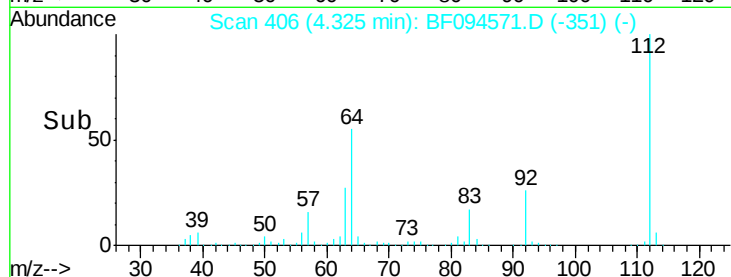
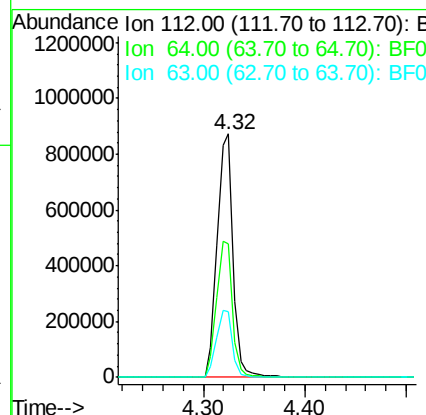
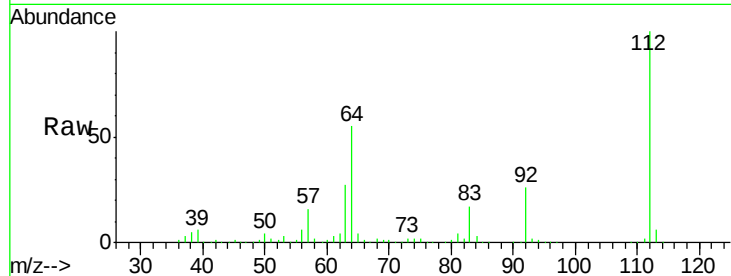
ClientSampleId :

BL-1(3)MS

Tot Ion:	112	Resp:	953257
Ion Ratio	Lower	Upper	
112	100		
64	54.7	46.0	69.0
63	27.2	23.4	35.0

Manual Integrations
APPROVED

mohammad
4/24/2017 5:13:23 PM



#6

Aniline

Concen: 15.05 ng

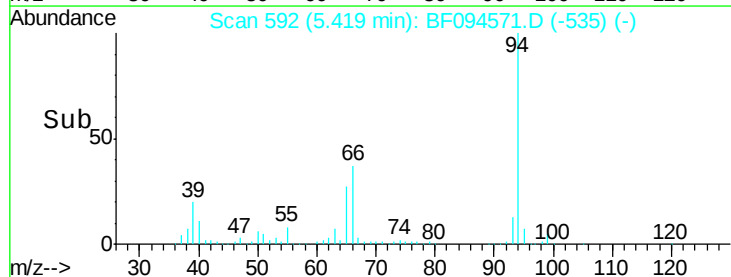
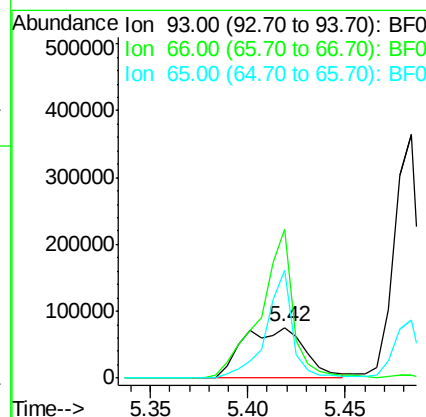
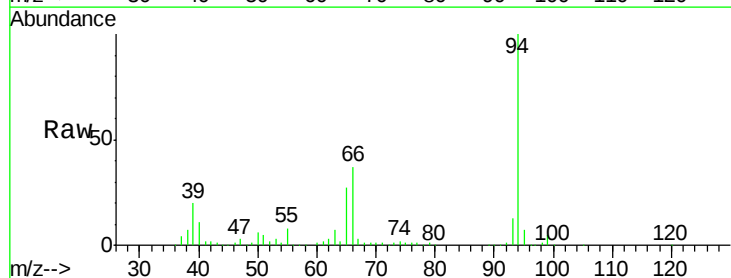
RT: 5.42 min Scan# 592

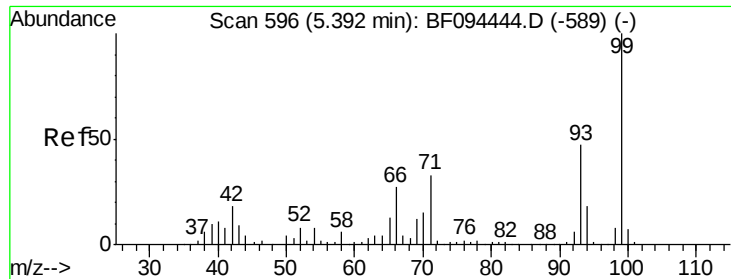
Delta R.T. 0.03 min

Lab File: BF094571.D

Acq: 21 Apr 2017 19:14

Tgt Ion:	93	Resp:	166193
Ion Ratio	Lower	Upper	
93	100		
66	294.8	32.9	49.3#
65	212.7	16.0	24.0#





#7

Phenol-d6

Concen: 141.67 ng

RT: 5.41 min Scan# 590

Delta R.T. 0.01 min

Lab File: BF094571.D

Acq: 21 Apr 2017 19:14

Instrument :

BNA_F

ClientSampleId :

BL-1(3)MS

Tot Ion: 99 Resp: 1177023

Ion Ratio Lower Upper

99 100

42 17.3 13.5 20.3

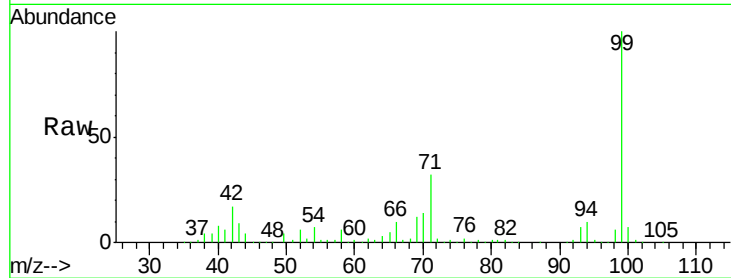
71 32.2 24.5 36.7

Manual Integrations

APPROVED

mohammad

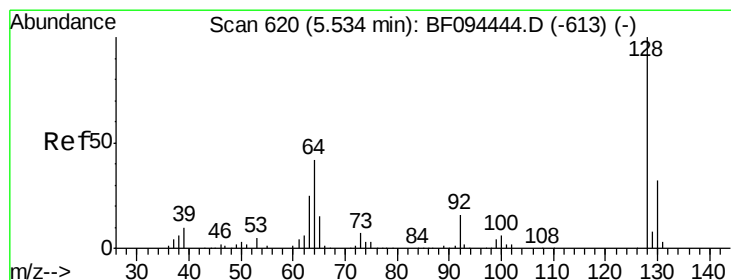
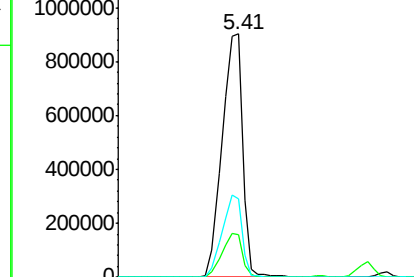
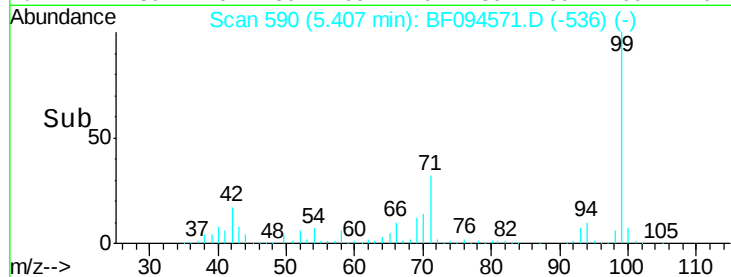
4/24/2017 5:13:23 PM



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 42.01 ng

RT: 5.54 min Scan# 613

Delta R.T. 0.01 min

Lab File: BF094571.D

Acq: 21 Apr 2017 19:14

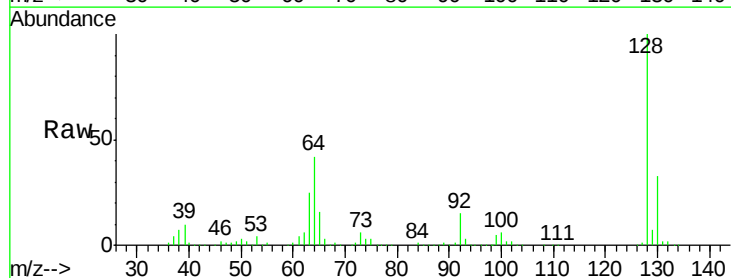
Tgt Ion:128 Resp: 336846

Ion Ratio Lower Upper

128 100

130 32.7 12.9 52.9

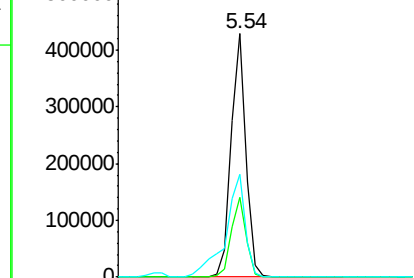
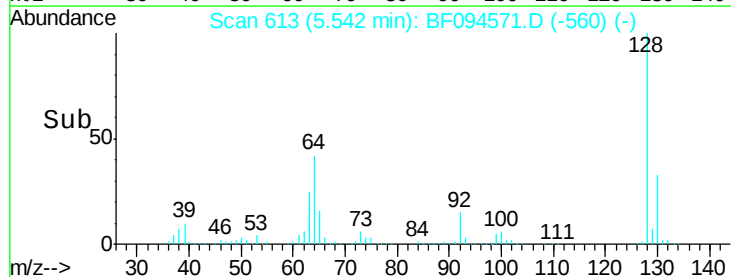
64 42.4 28.4 68.4

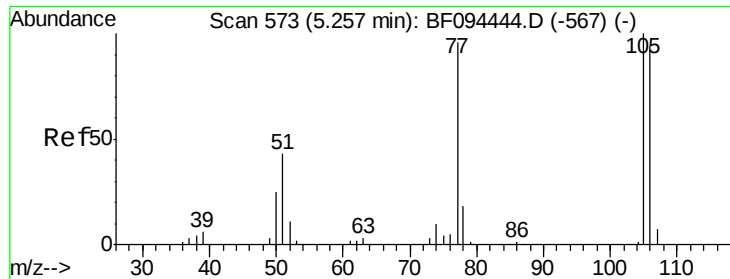


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





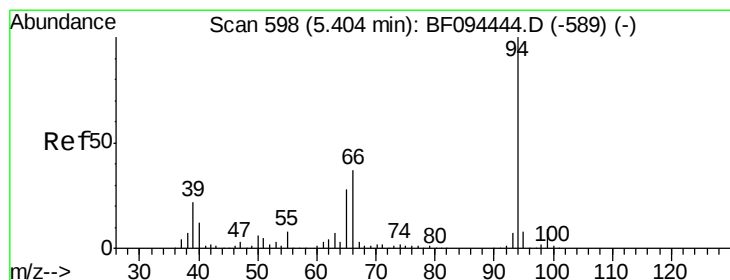
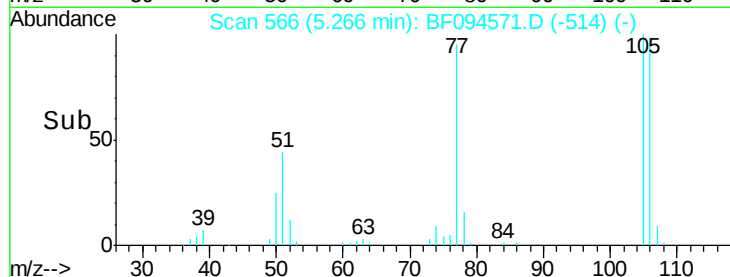
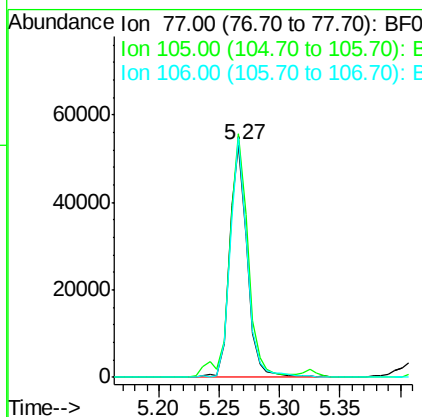
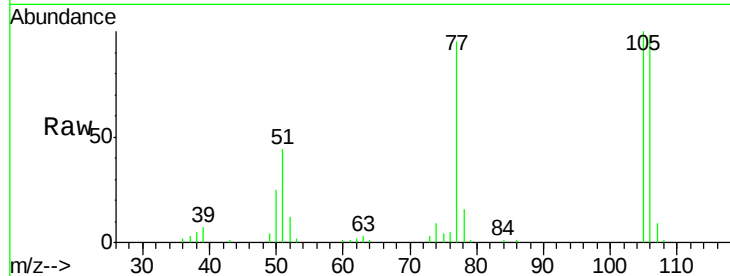
#9
Benzaldehyde
Concen: 8.50 ng
RT: 5.27 min Scan# 566
Delta R.T. 0.01 min
Lab File: BF094571.D
Acq: 21 Apr 2017 19:14

Instrument :
BNA_F
ClientSampleId :
BL-1(3)MS

Tot Ion: 77 Resp: 53710
Ion Ratio Lower Upper
77 100
105 104.9 83.8 123.8
106 103.2 79.1 119.1

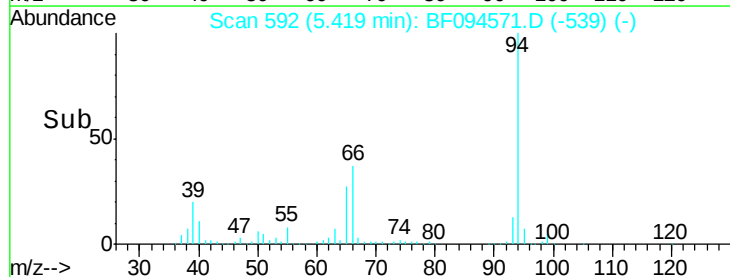
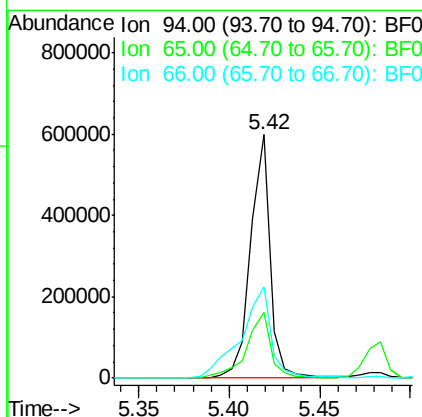
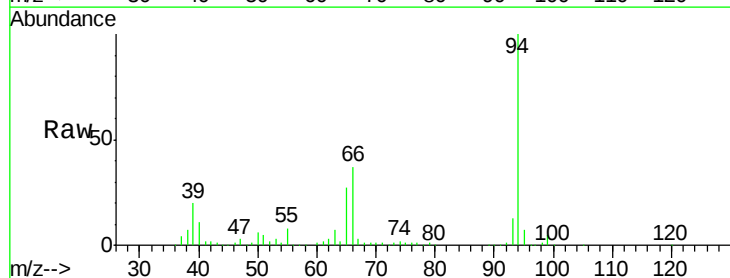
Manual Integrations
APPROVED

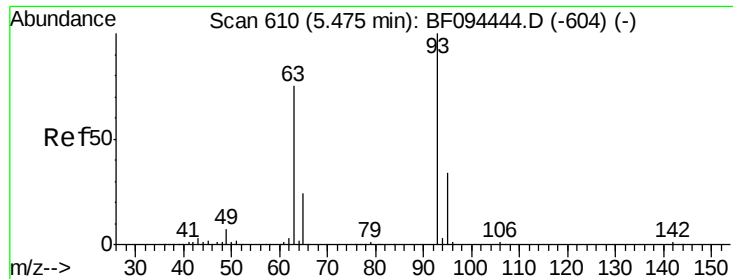
mohammad
4/24/2017 5:13:23 PM



#10
Phenol
Concen: 44.32 ng
RT: 5.42 min Scan# 592
Delta R.T. 0.01 min
Lab File: BF094571.D
Acq: 21 Apr 2017 19:14

Tgt Ion: 94 Resp: 452382
Ion Ratio Lower Upper
94 100
65 26.9 9.9 49.9
66 37.3 23.1 63.1





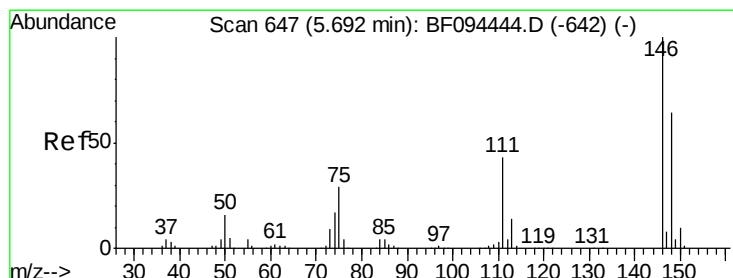
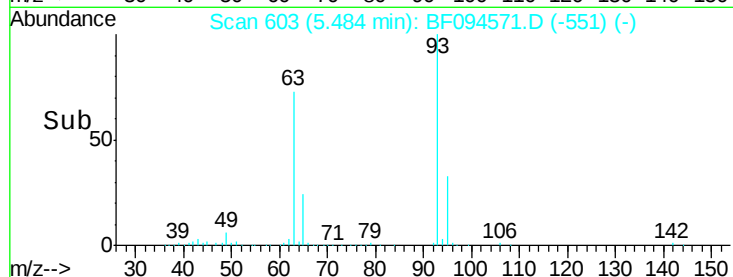
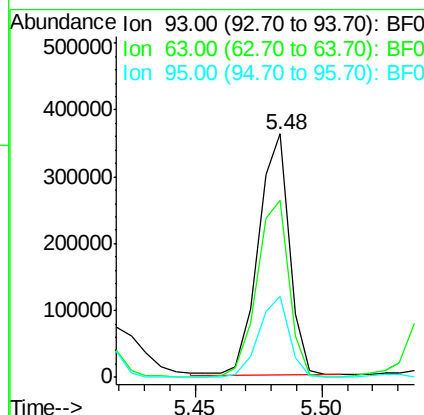
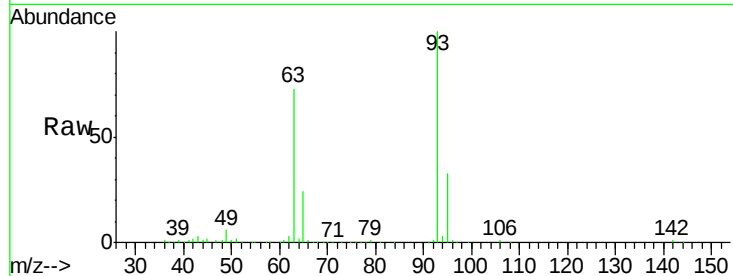
#11
bis(2-Chloroethyl)ether
Concen: 41.48 ng
RT: 5.48 min Scan# 603
Delta R.T. 0.01 min
Lab File: BF094571.D
Acq: 21 Apr 2017 19:14

Instrument :
BNA_F
ClientSampleId :
BL-1(3)MS

Tot Ion:	93	Resp:	309258
Ion Ratio	Lower	Upper	
93	100		
63	73.0	59.2	99.2
95	33.4	12.8	52.8

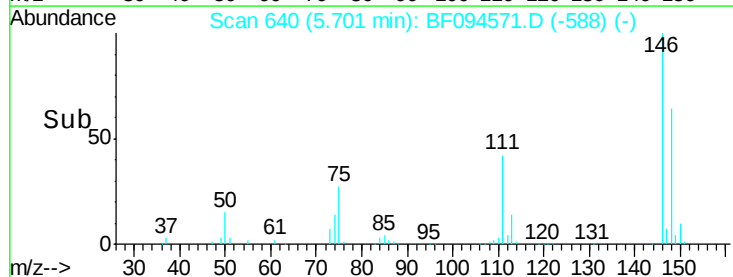
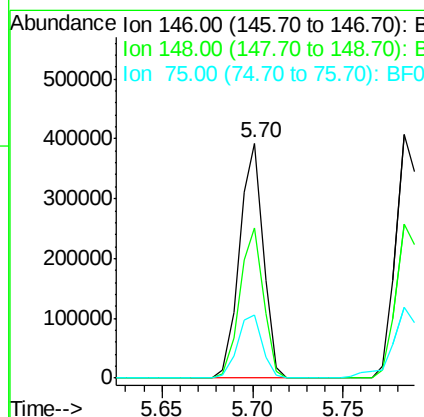
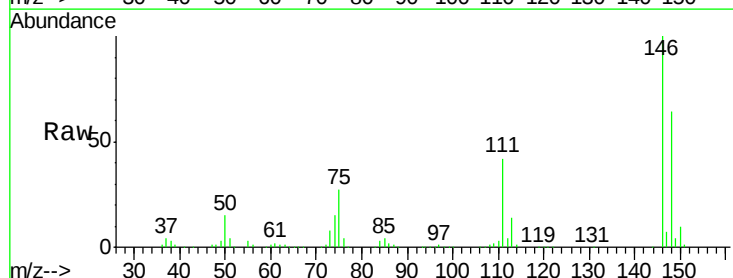
Manual Integrations
APPROVED

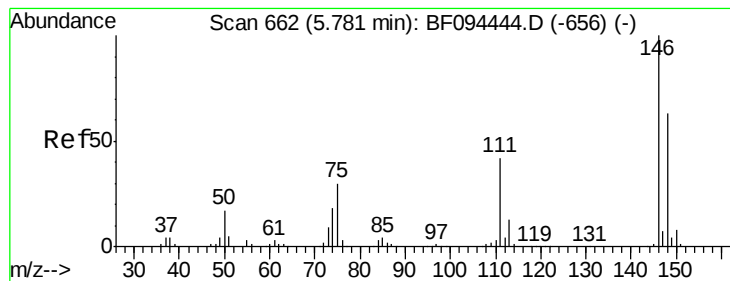
mohammad
4/24/2017 5:13:23 PM



#12
1,3-Dichlorobenzene
Concen: 40.22 ng
RT: 5.70 min Scan# 640
Delta R.T. 0.01 min
Lab File: BF094571.D
Acq: 21 Apr 2017 19:14

Tgt Ion:	146	Resp:	357291
Ion Ratio	Lower	Upper	
146	100		
148	63.9	51.8	77.6
75	27.0	23.1	34.7





#13

1,4-Dichlorobenzene

Concen: 40.58 ng

RT: 5.78 min Scan# 654

Delta R.T. 0.00 min

Lab File: BF094571.D

Acq: 21 Apr 2017 19:14

Instrument :

BNA_F

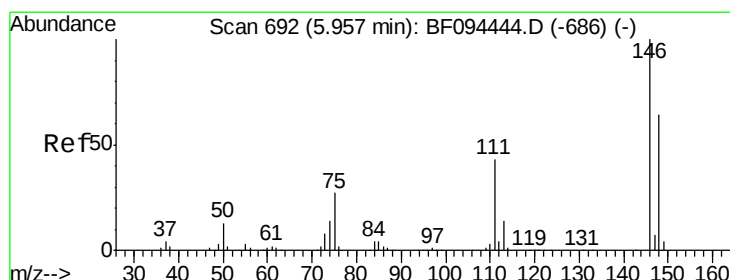
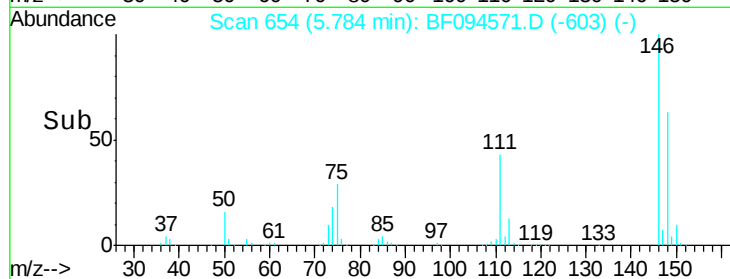
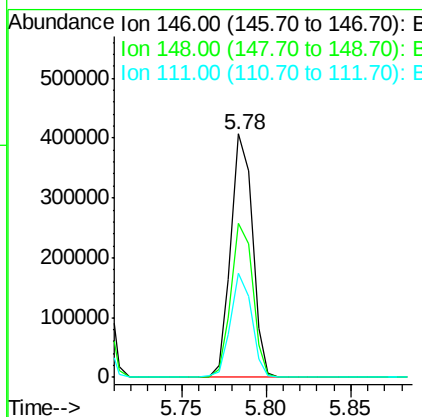
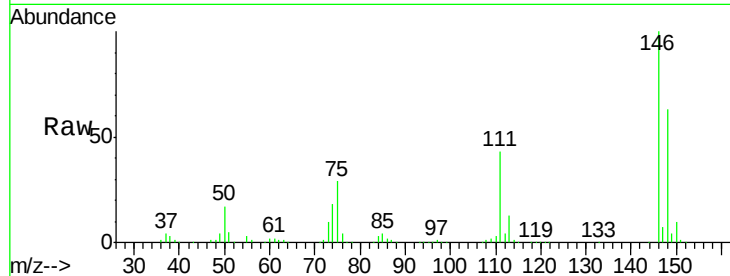
ClientSampleId :

BL-1(3)MS

Tot Ion:	146	Resp:	362757
Ion Ratio	Lower	Upper	
146	100		
148	63.0	52.2	78.2
111	42.5	30.3	45.5

Manual Integrations
APPROVED

mohammad
4/24/2017 5:13:23 PM



#14

1,2-Dichlorobenzene

Concen: 40.69 ng

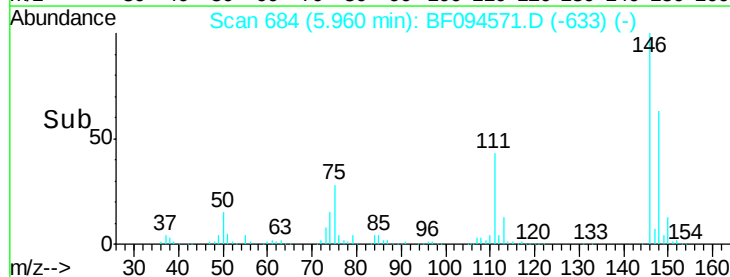
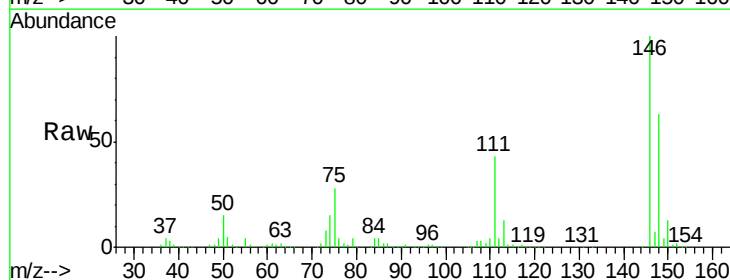
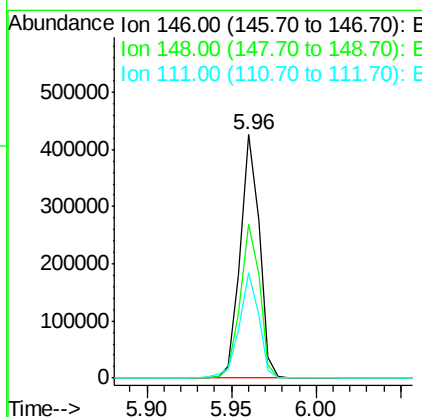
RT: 5.96 min Scan# 684

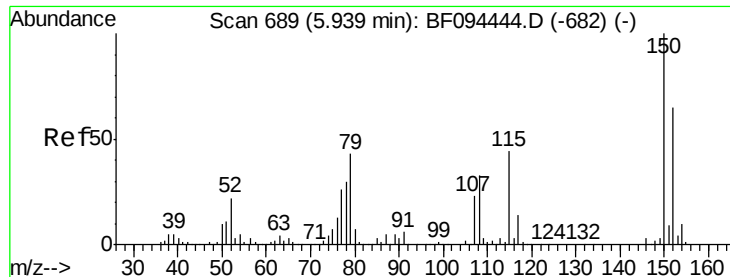
Delta R.T. 0.00 min

Lab File: BF094571.D

Acq: 21 Apr 2017 19:14

Tgt Ion:	146	Resp:	335010
Ion Ratio	Lower	Upper	
146	100		
148	63.4	50.4	75.6
111	43.1	38.2	57.4





#15

Benzyl Alcohol

Concen: 40.78 ng

RT: 5.95 min Scan# 682

Delta R.T. 0.01 min

Lab File: BF094571.D

Acq: 21 Apr 2017 19:14

Instrument :

BNA_F

ClientSampleId :

BL-1(3)MS

Tot Ion: 79 Resp: 251342

Ion Ratio Lower Upper

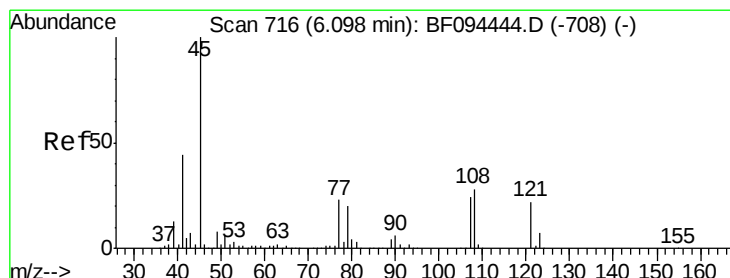
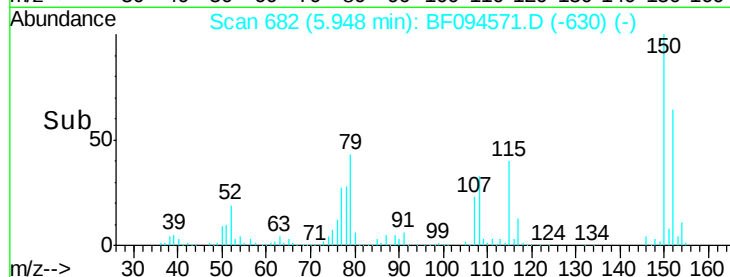
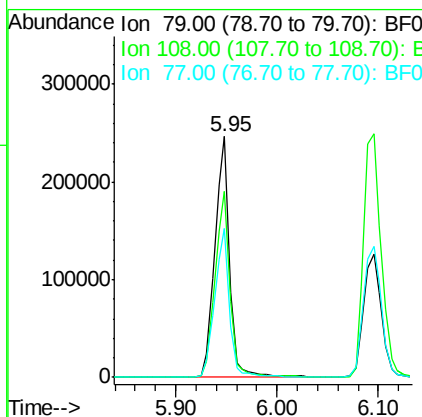
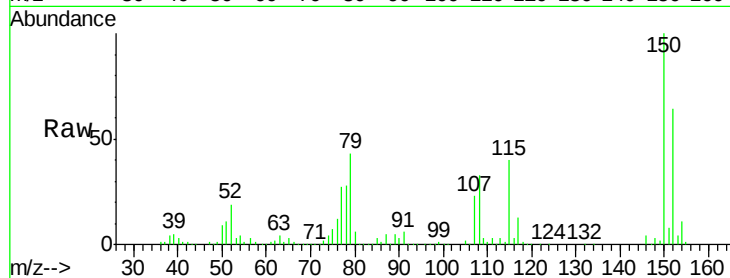
79 100

108 77.4 63.4 95.0

77 62.1 49.2 73.8

Manual Integrations
APPROVED

mohammad
4/24/2017 5:13:23 PM



#16

2,2'-oxybis(1-chloropropane)

Concen: 41.80 ng

RT: 6.10 min Scan# 707

Delta R.T. -0.00 min

Lab File: BF094571.D

Acq: 21 Apr 2017 19:14

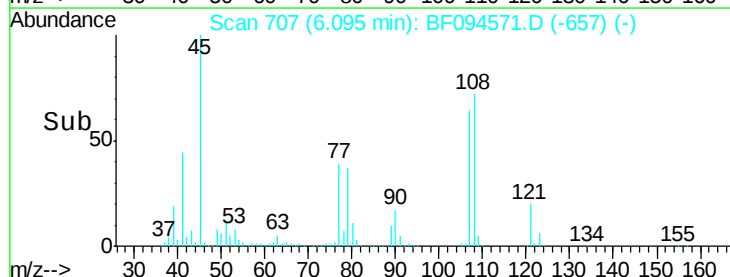
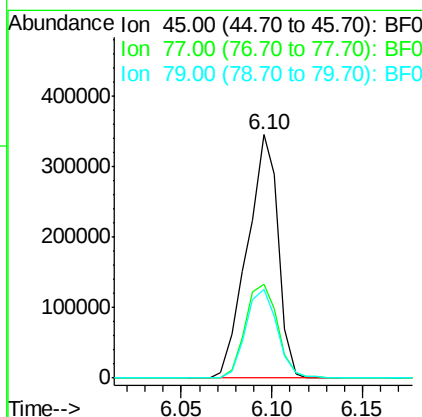
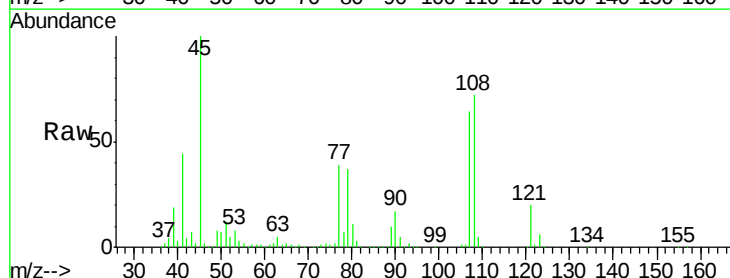
Tgt Ion: 45 Resp: 408590

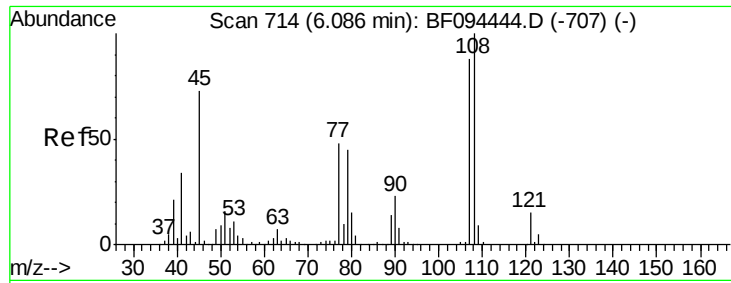
Ion Ratio Lower Upper

45 100

77 38.8 0.0 33.2#

79 36.5 0.0 30.0#





#17

2-Methylphenol

Concen: 41.96 ng

RT: 6.10 min Scan# 707

Delta R.T. 0.01 min

Lab File: BF094571.D

Acq: 21 Apr 2017 19:14

Instrument :

BNA_F

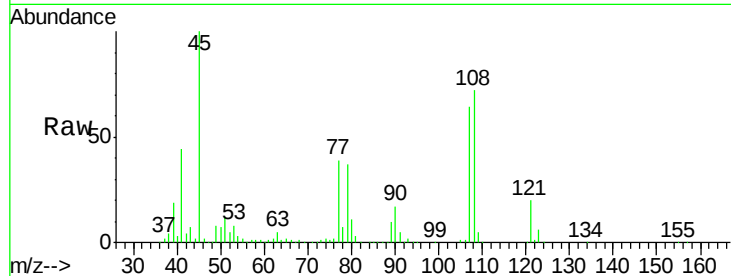
ClientSampleId :

BL-1(3)MS

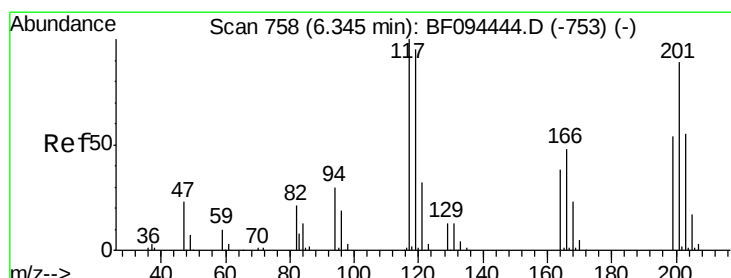
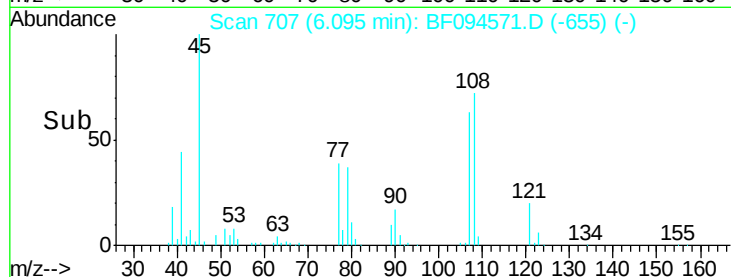
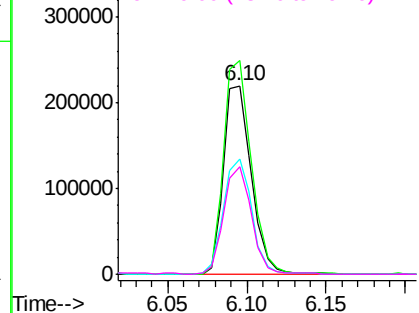
Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	113.3	93.4	140.0	
77	60.9	35.8	53.6#	
79	57.3	34.8	52.2#	

Manual Integrations
APPROVED

mohammad
4/24/2017 5:13:23 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: 39.52 ng

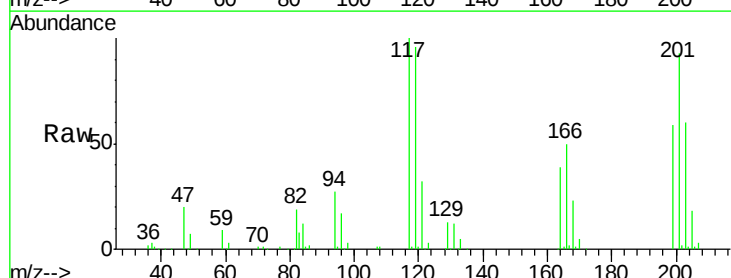
RT: 6.35 min Scan# 750

Delta R.T. 0.00 min

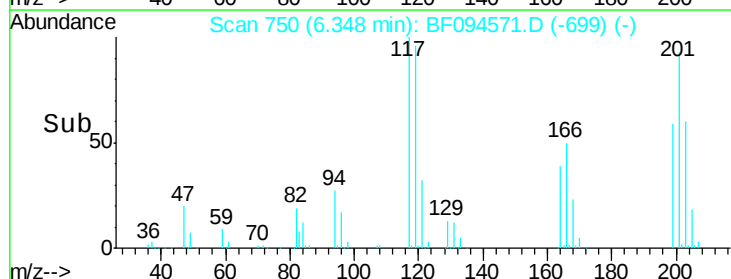
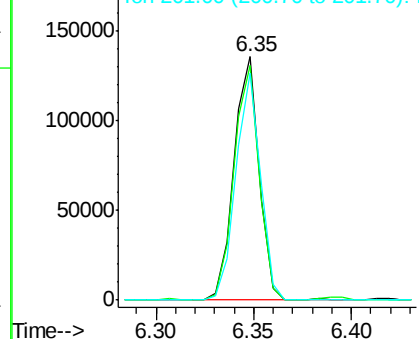
Lab File: BF094571.D

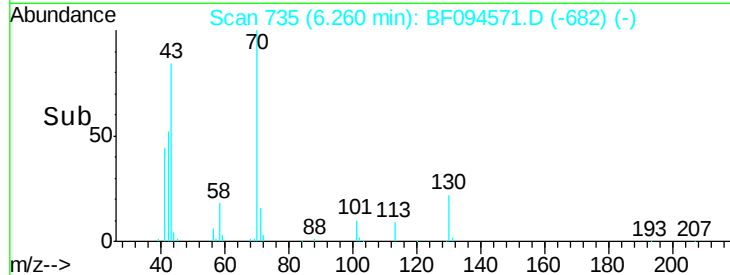
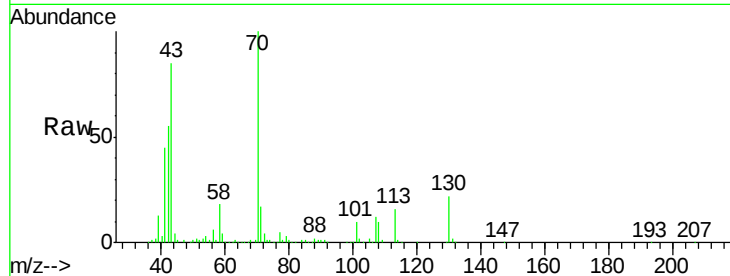
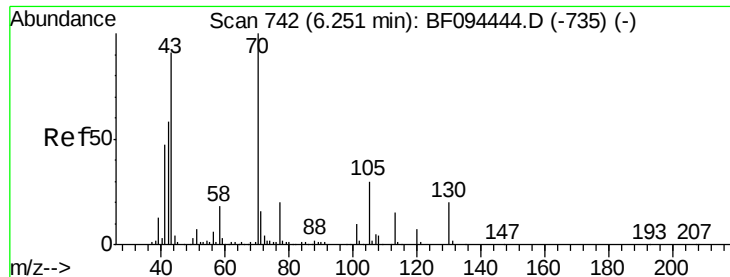
Acq: 21 Apr 2017 19:14

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	96.5	77.4	116.0	
201	93.3	94.6	141.8#	



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





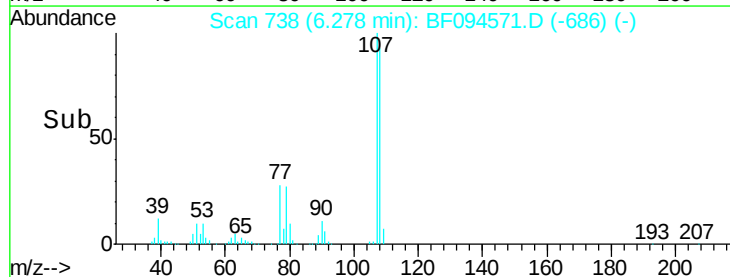
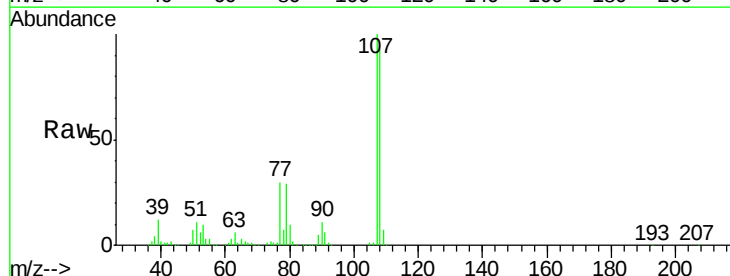
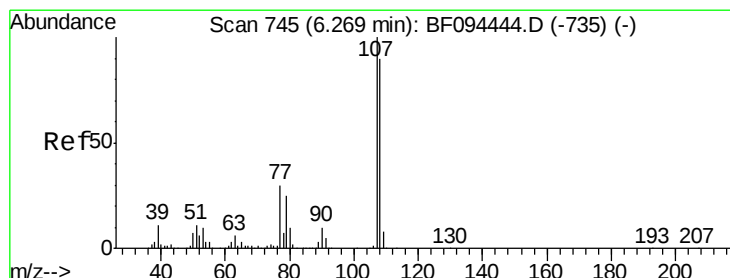
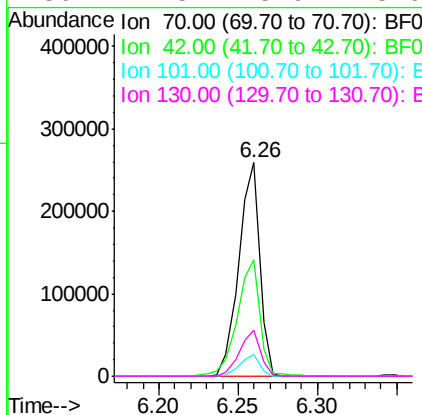
#19
n-Nitroso-di-n-propylamine
Concen: 43.07 ng
RT: 6.26 min Scan# 735
Delta R.T. 0.01 min
Lab File: BF094571.D
Acq: 21 Apr 2017 19:14

Instrument :
BNA_F
ClientSampleId :
BL-1(3)MS

Tot Ion	Ratio	Lower	Upper
70	100		
42	54.6	47.2	70.8
101	10.1	7.2	10.8
130	21.5	15.9	23.9

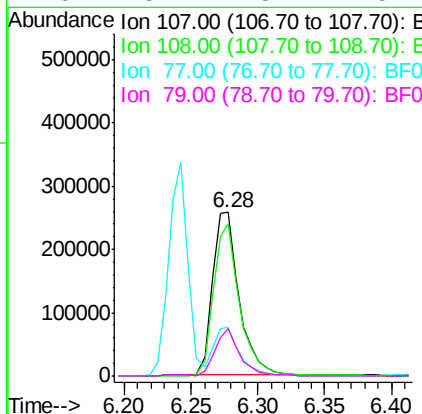
Manual Integrations
APPROVED

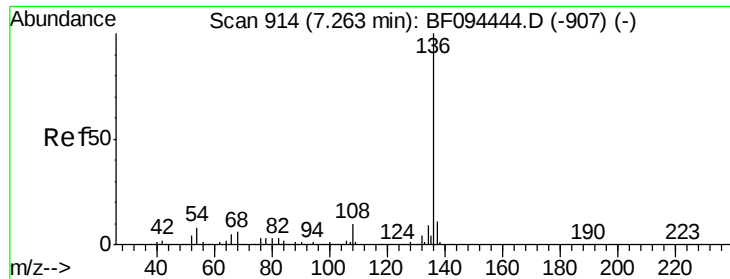
mohammad
4/24/2017 5:13:23 PM



#20
3+4-Methylphenols
Concen: 41.90 ng
RT: 6.28 min Scan# 738
Delta R.T. 0.01 min
Lab File: BF094571.D
Acq: 21 Apr 2017 19:14

Tgt Ion	Ratio	Lower	Upper
107	100		
108	93.4	71.0	111.0
77	29.6	90.5	130.5#
79	28.7	8.4	48.4





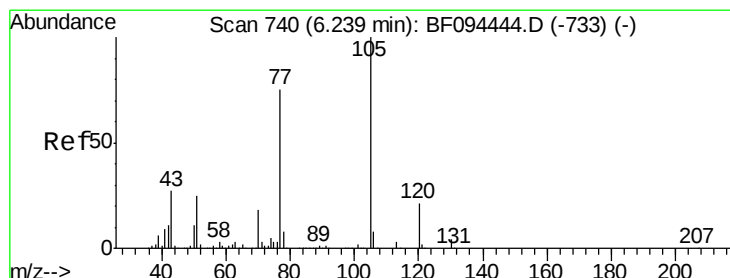
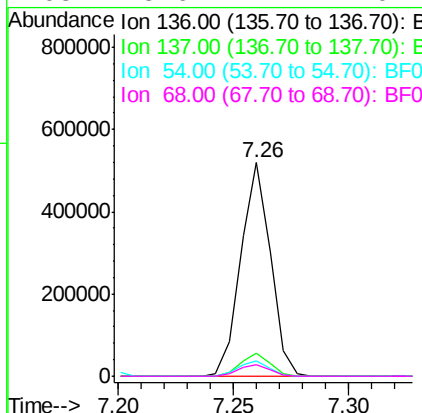
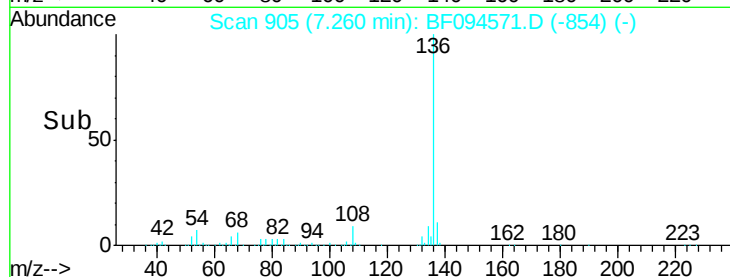
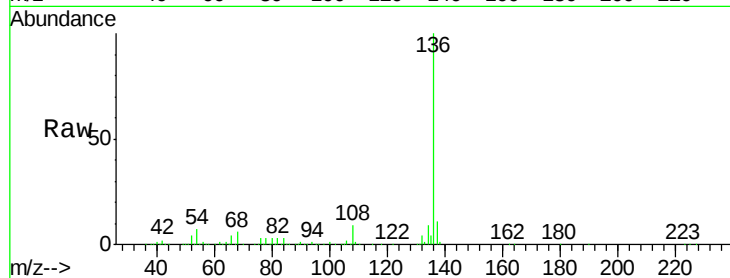
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.26 min Scan# 905
Delta R.T. -0.00 min
Lab File: BF094571.D
Acq: 21 Apr 2017 19:14

Instrument :
BNA_F
ClientSampleId :
BL-1(3)MS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	468382		
137	11.1	8.5	12.7	
54	7.2	4.9	7.3	
68	5.6	4.1	6.1	

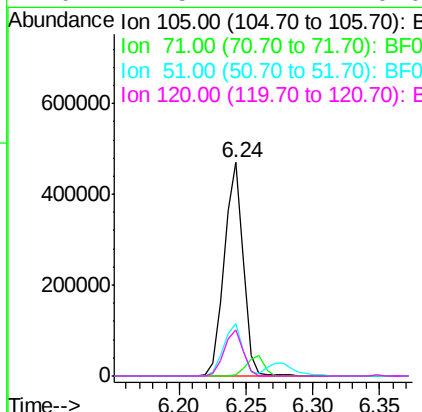
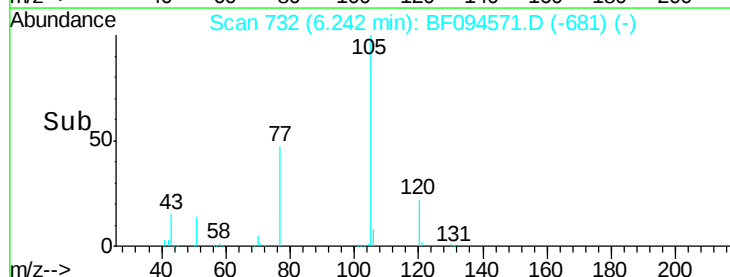
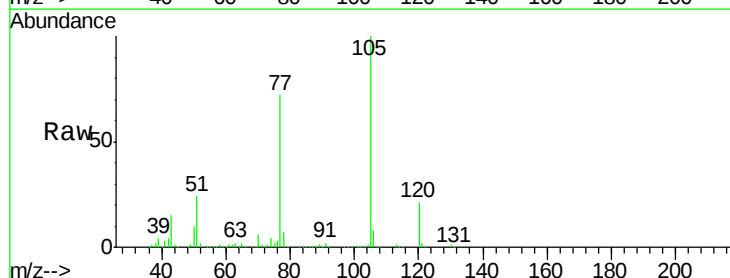
Manual Integrations
APPROVED

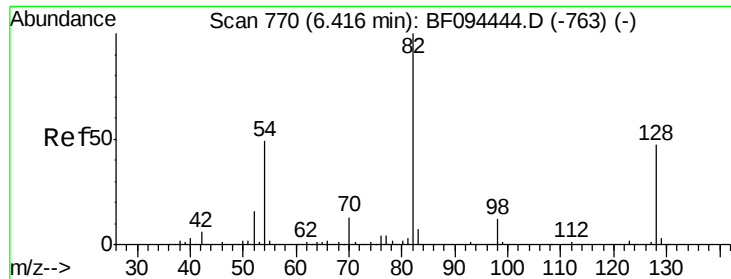
mohammad
4/24/2017 5:13:23 PM



#22
Acetophenone
Concen: 41.66 ng
RT: 6.24 min Scan# 732
Delta R.T. 0.00 min
Lab File: BF094571.D
Acq: 21 Apr 2017 19:14

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	474413		
71	0.9	2.8	4.2#	
51	24.4	30.7	46.1#	
120	21.5	17.4	26.0	





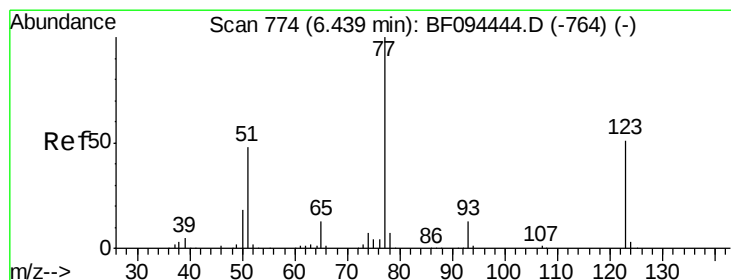
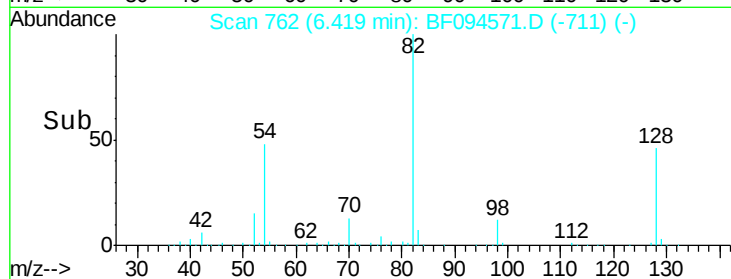
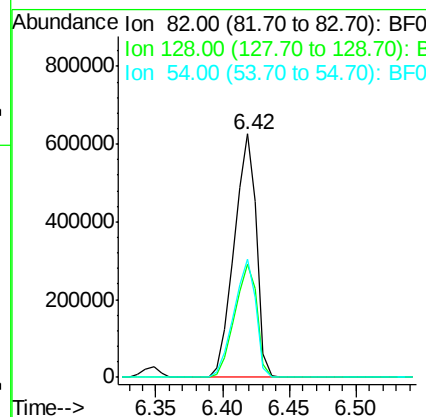
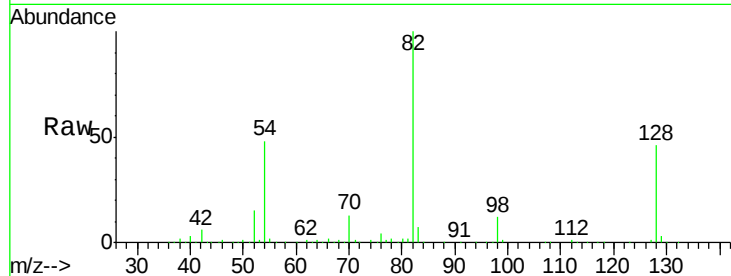
#23
 Nitrobenzene-d5
 Concen: 96.82 ng
 RT: 6.42 min Scan# 762
 Delta R.T. 0.00 min
 Lab File: BF094571.D
 Acq: 21 Apr 2017 19:14

Instrument :
 BNA_F
 ClientSampleId :
 BL-1(3)MS

Tot Ion	Ratio	Lower	Upper
82	100		
128	46.5	34.0	51.0
54	48.4	42.2	63.2

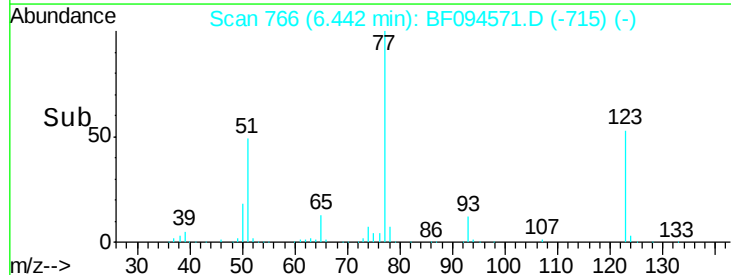
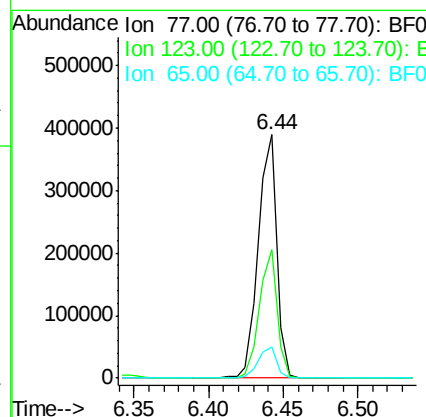
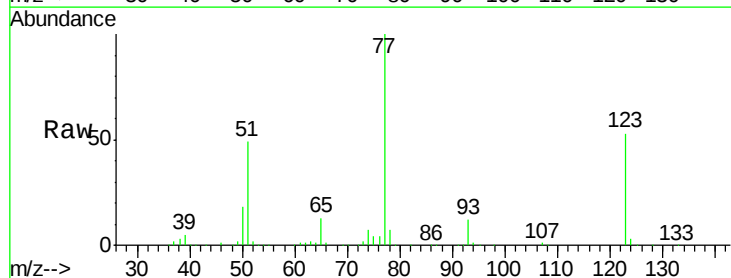
Manual Integrations
 APPROVED

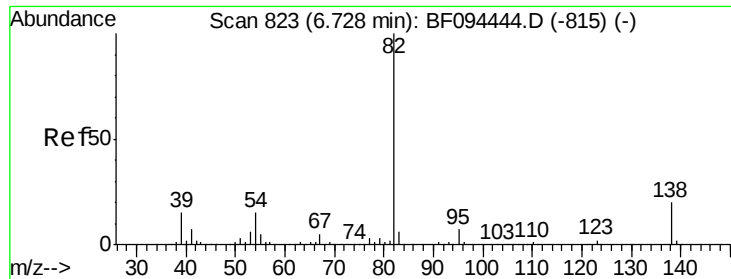
mohammad
 4/24/2017 5:13:23 PM



#24
 Nitrobenzene
 Concen: 41.37 ng
 RT: 6.44 min Scan# 766
 Delta R.T. 0.00 min
 Lab File: BF094571.D
 Acq: 21 Apr 2017 19:14

Tgt Ion	Ratio	Lower	Upper
77	100		
123	52.6	35.8	53.8
65	12.6	10.6	15.8





#25

Isophorone

Concen: 42.48 ng

RT: 6.73 min Scan# 815

Delta R.T. 0.00 min

Lab File: BF094571.D

Acq: 21 Apr 2017 19:14

Instrument :

BNA_F

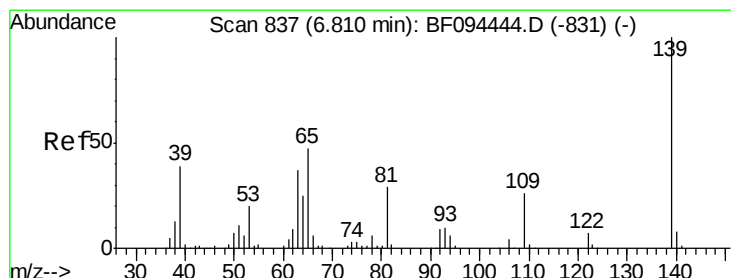
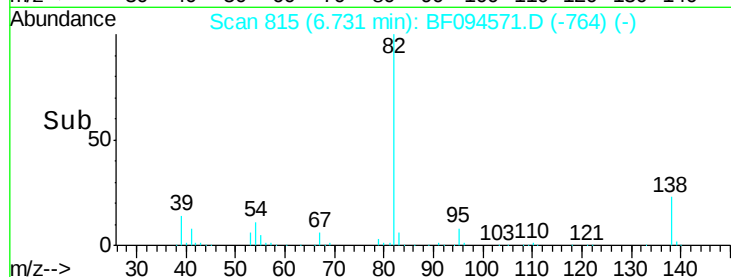
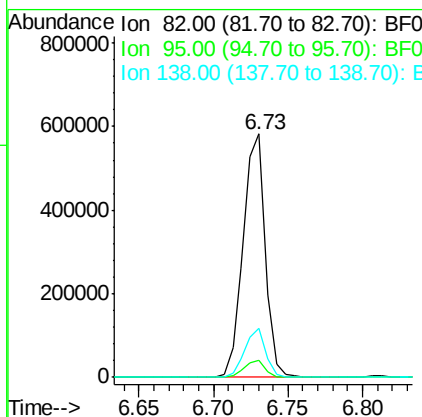
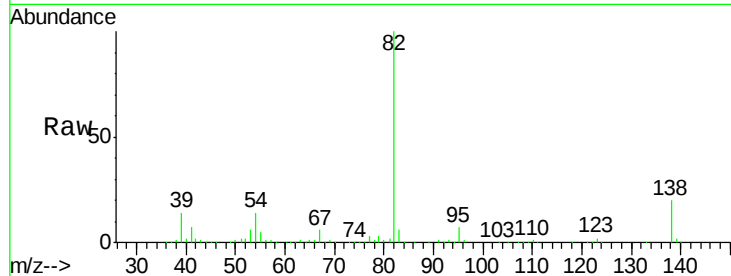
ClientSampleId :

BL-1(3)MS

Tot Ion	82	Resp	597359
Ion Ratio	Lower	Upper	
82	100		
95	6.8	5.3	7.9
138	20.3	13.1	19.7#

Manual Integrations
APPROVED

mohammad
4/24/2017 5:13:23 PM



#26

2-Nitrophenol

Concen: 42.14 ng

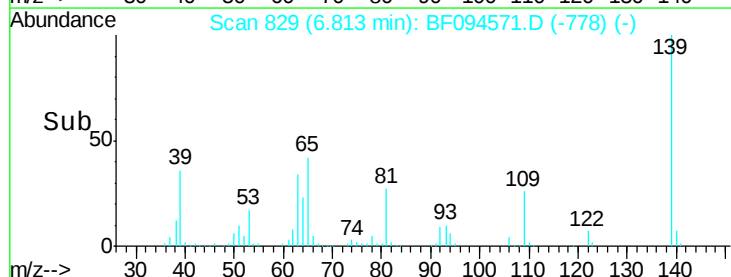
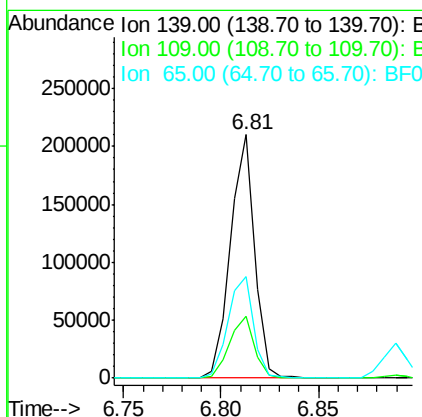
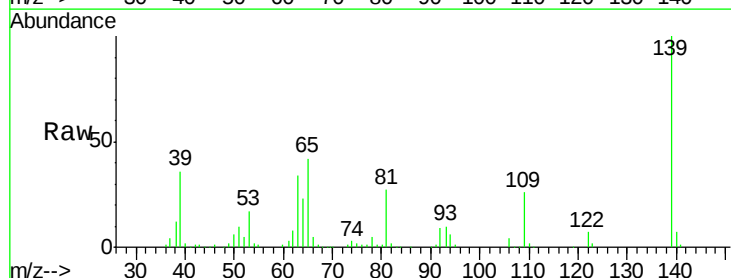
RT: 6.81 min Scan# 829

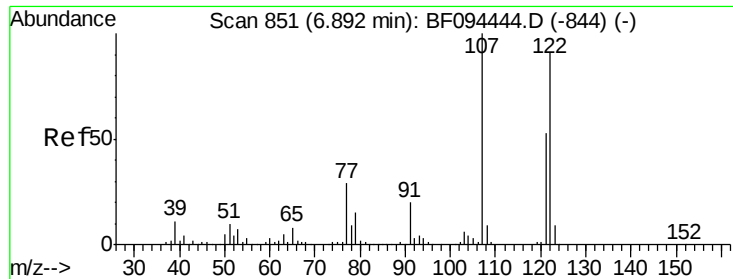
Delta R.T. 0.00 min

Lab File: BF094571.D

Acq: 21 Apr 2017 19:14

Tgt Ion	139	Resp	180836
Ion Ratio	Lower	Upper	
139	100		
109	25.6	21.0	31.6
65	41.6	33.0	49.6





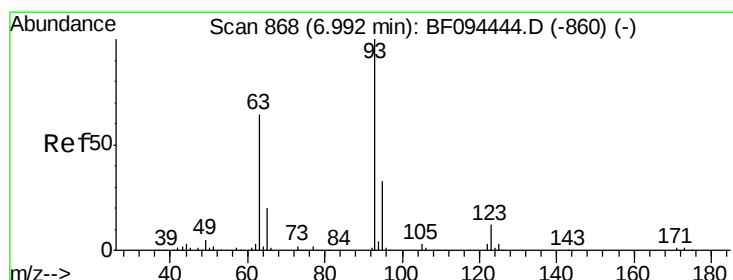
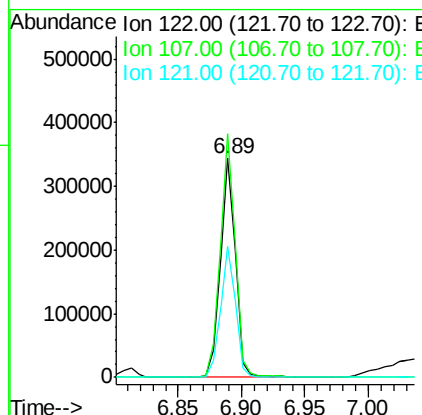
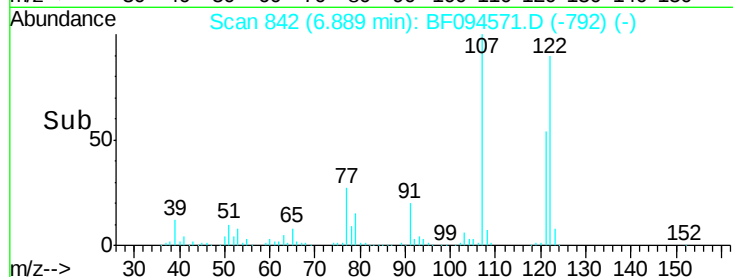
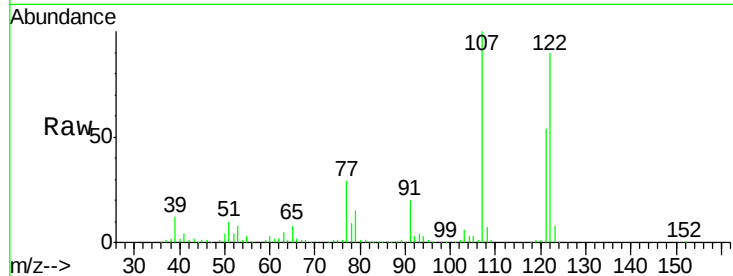
#27
 2,4-Dimethylphenol
 Concen: 41.94 ng
 RT: 6.89 min Scan# 842
 Delta R.T. -0.00 min
 Lab File: BF094571.D
 Acq: 21 Apr 2017 19:14

Instrument :
 BNA_F
 ClientSampleId :
 BL-1(3)MS

Tot Ion	Ratio	Resp	Lower	Upper
122	100	292358		
107	111.1	89.2	133.8	
121	59.5	45.2	67.8	

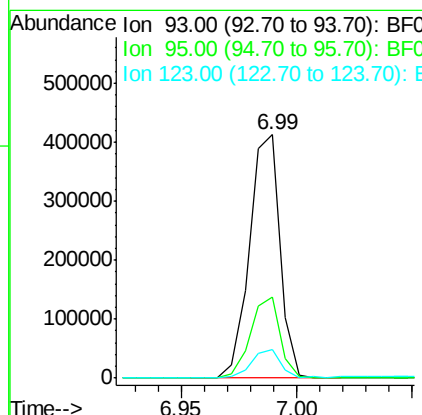
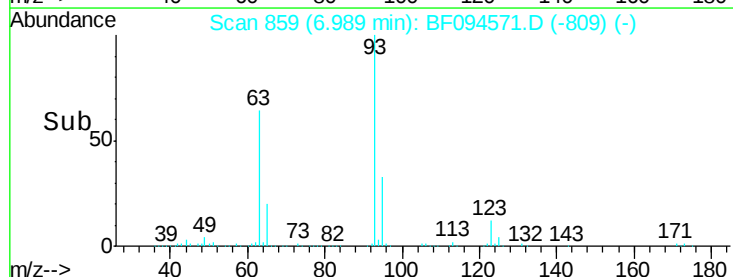
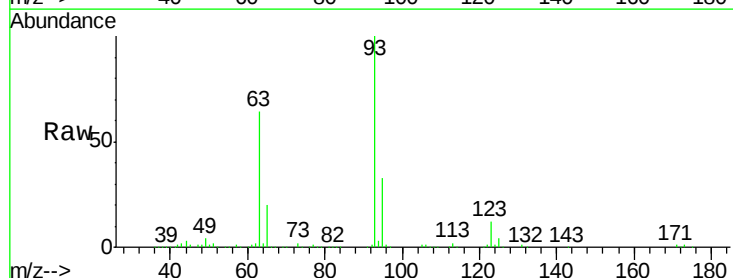
Manual Integrations
 APPROVED

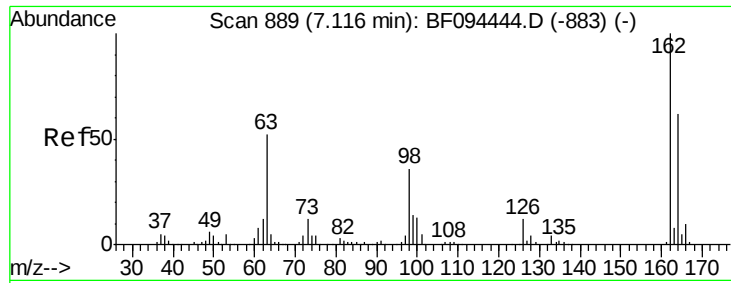
mohammad
 4/24/2017 5:13:23 PM



#28
 bis(2-Chloroethoxy)methane
 Concen: 42.22 ng
 RT: 6.99 min Scan# 859
 Delta R.T. -0.00 min
 Lab File: BF094571.D
 Acq: 21 Apr 2017 19:14

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	384027		
95	33.3	26.5	39.7	
123	11.9	9.0	13.4	





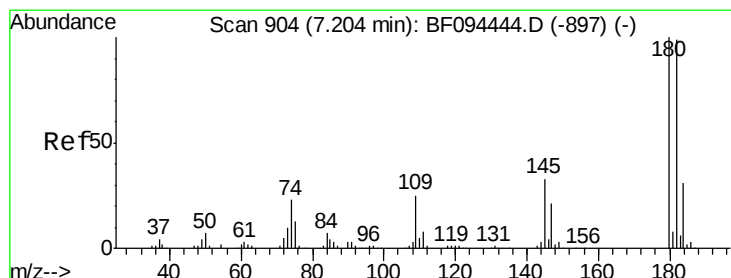
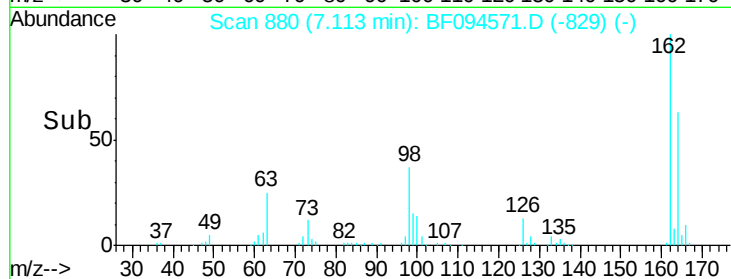
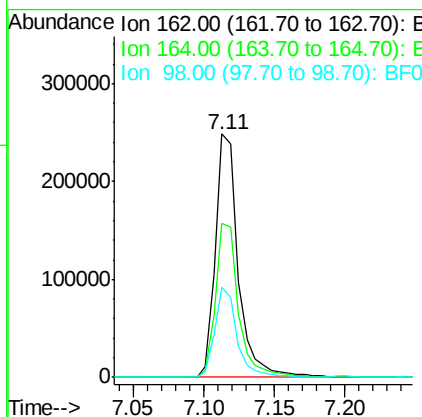
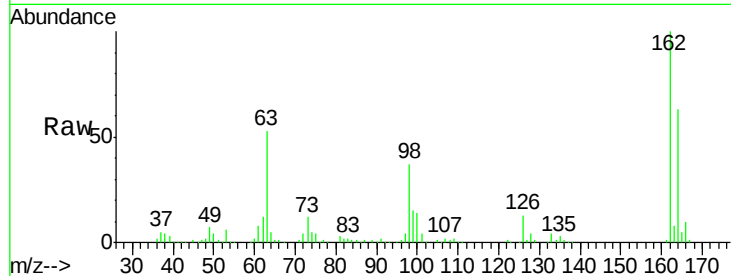
#29
 2,4-Dichlorophenol
 Concen: 43.39 ng
 RT: 7.11 min Scan# 880
 Delta R.T. -0.00 min
 Lab File: BF094571.D
 Acq: 21 Apr 2017 19:14

Instrument :
 BNA_F
 ClientSampleId :
 BL-1(3)MS

Tot Ion:	162	Resp:	281365
Ion Ratio	Lower	Upper	
162	100		
164	63.2	44.6	84.6
98	37.1	14.8	54.8

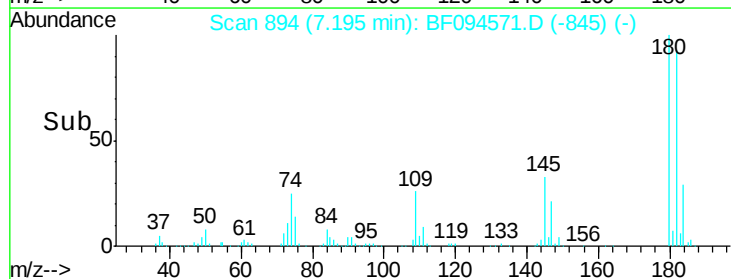
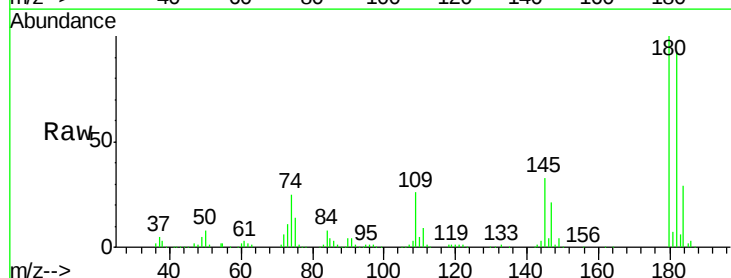
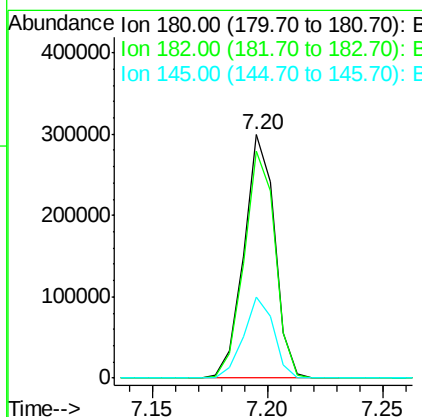
Manual Integrations
 APPROVED

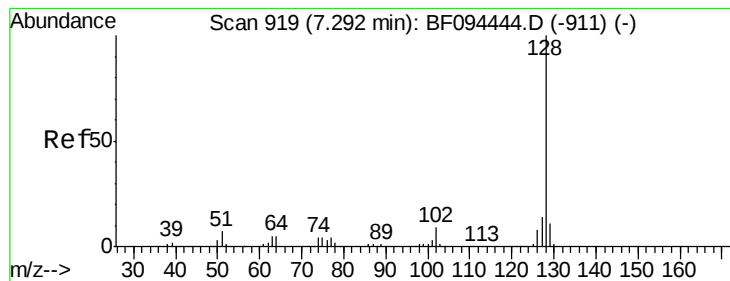
mohammad
 4/24/2017 5:13:23 PM



#30
 1,2,4-Trichlorobenzene
 Concen: 41.46 ng
 RT: 7.20 min Scan# 894
 Delta R.T. -0.01 min
 Lab File: BF094571.D
 Acq: 21 Apr 2017 19:14

Tgt Ion:	180	Resp:	277986
Ion Ratio	Lower	Upper	
180	100		
182	93.1	75.8	113.6
145	33.4	25.3	37.9





#31

Naphthalene

Concen: 42.03 ng

RT: 7.29 min Scan# 910

Delta R.T. -0.00 min

Lab File: BF094571.D

Acq: 21 Apr 2017 19:14

Instrument :

BNA_F

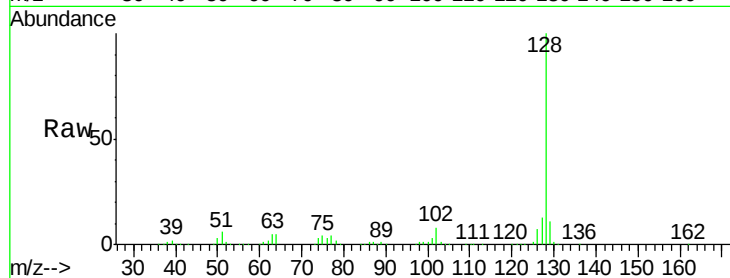
ClientSampleId :

BL-1(3)MS

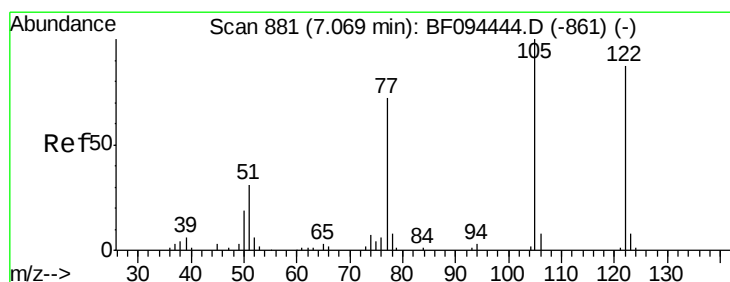
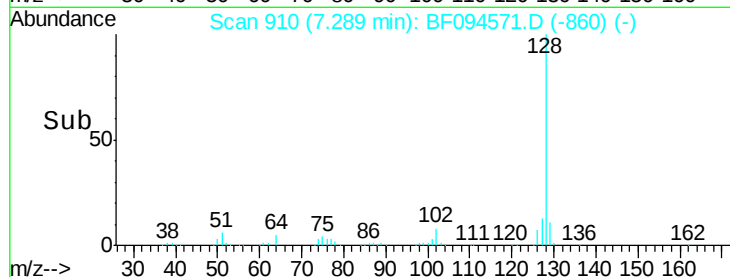
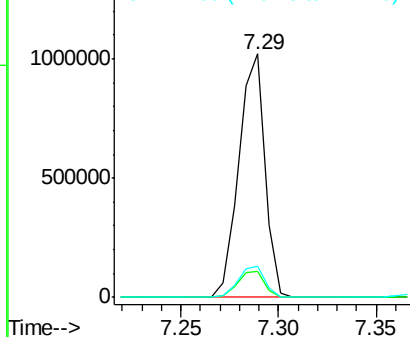
Tot Ion:128	Resp:	946436
Ion Ratio	Lower	Upper
128 100		
129 10.9	9.0	13.6
127 12.9	10.8	16.2

Manual Integrations
APPROVED

mohammad
4/24/2017 5:13:23 PM



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 45.15 ng

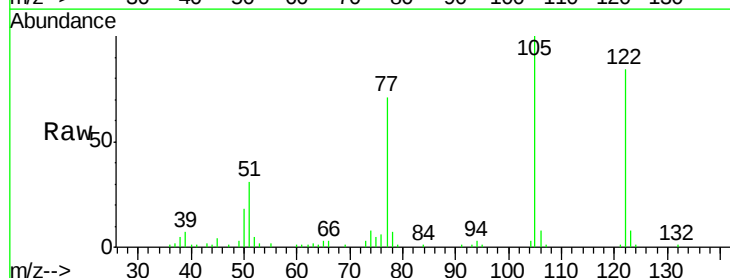
RT: 7.07 min Scan# 873

Delta R.T. 0.00 min

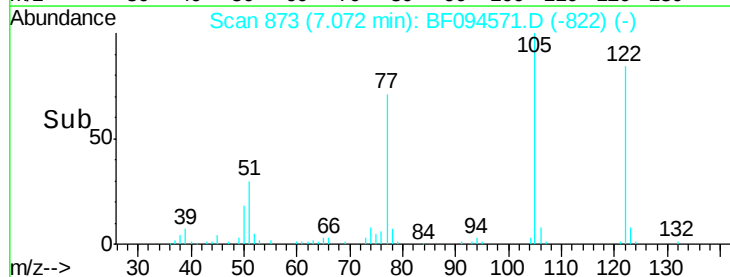
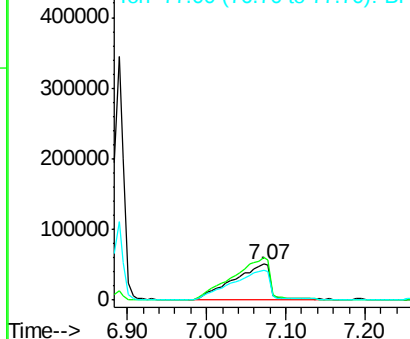
Lab File: BF094571.D

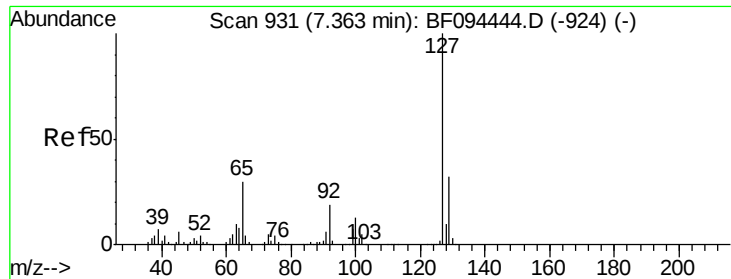
Acq: 21 Apr 2017 19:14

Tgt Ion:122	Resp:	166422
Ion Ratio	Lower	Upper
122 100		
105 119.1	103.3	143.3
77 85.1	73.7	113.7



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF0





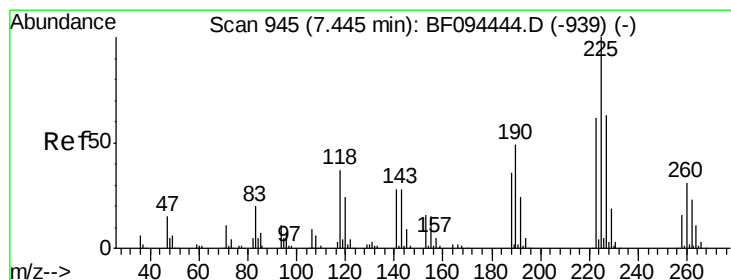
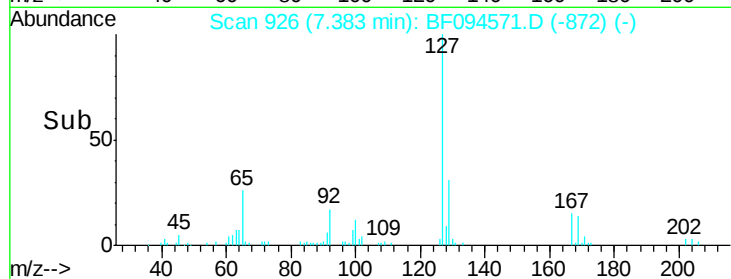
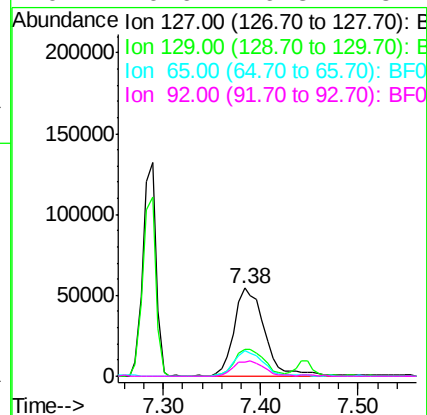
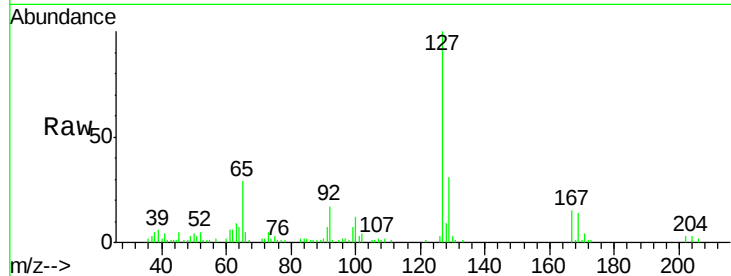
#33
 4-Chloroaniline
 Concen: 12.67 ng
 RT: 7.38 min Scan# 926
 Delta R.T. 0.02 min
 Lab File: BF094571.D
 Acq: 21 Apr 2017 19:14

Instrument :
 BNA_F
 ClientSampleId :
 BL-1(3)MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	30.6	26.2	39.2		
65	28.9	27.8	41.8		
92	16.6	16.8	25.2		

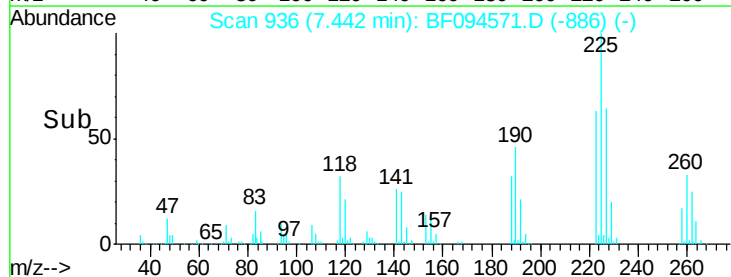
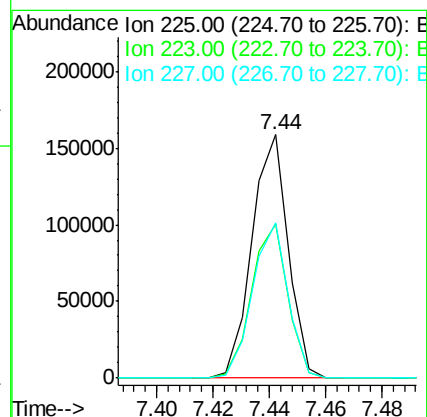
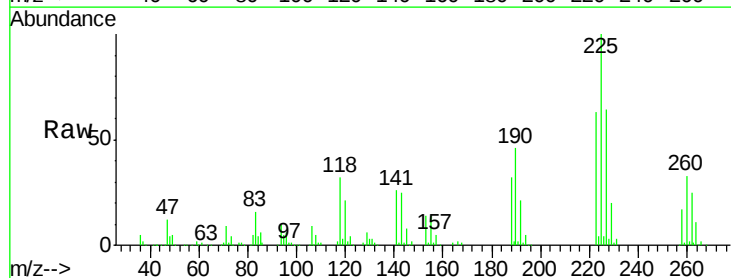
Manual Integrations
 APPROVED

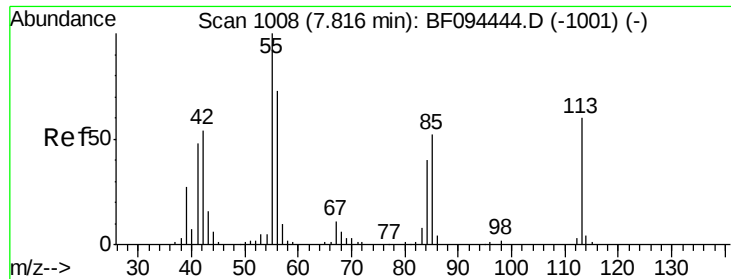
mohammad
 4/24/2017 5:13:23 PM



#34
 Hexachlorobutadiene
 Concen: 42.11 ng
 RT: 7.44 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: BF094571.D
 Acq: 21 Apr 2017 19:14

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	63.3	48.8	73.2		
227	64.0	51.1	76.7		





#35

Caprolactam

Concen: 43.17 ng/mL

RT: 7.82 min Scan# 1001

Delta R.T. 0.01 min

Lab File: BF094571.D

Acq: 21 Apr 2017 19:14

Instrument :

BNA_F

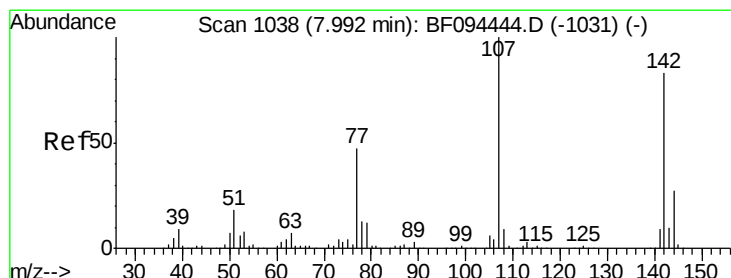
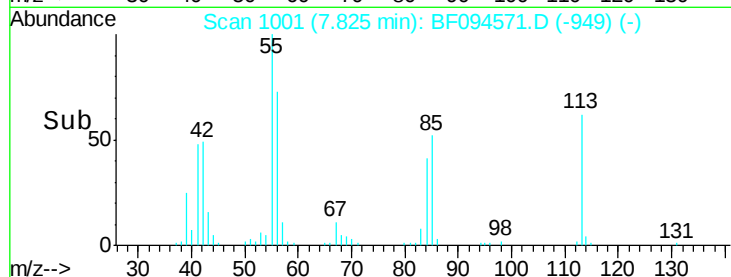
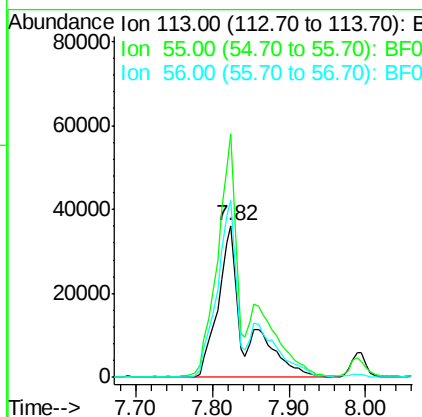
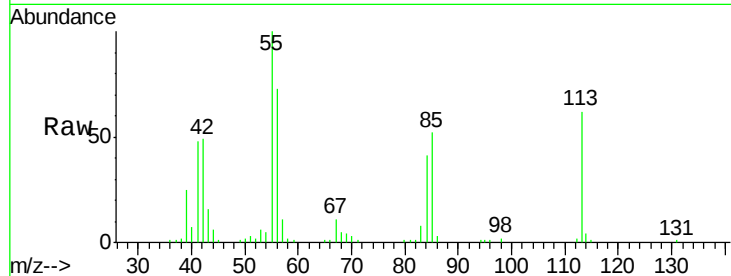
ClientSampleId :

BL-1(3)MS

Tot Ion:	113	Resp:	87951
Ion Ratio	Lower	Upper	
113	100		
55	160.4	150.2	190.2
56	117.0	107.8	147.8

Manual Integrations
APPROVED

mohammad
4/24/2017 5:13:23 PM



#36

4-Chloro-3-methylphenol

Concen: 41.69 ng/mL

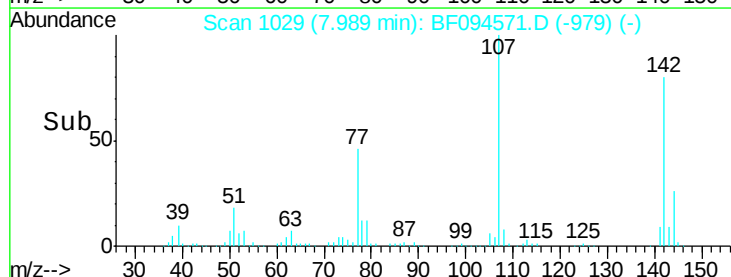
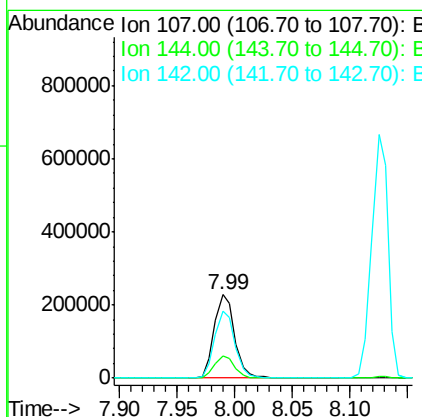
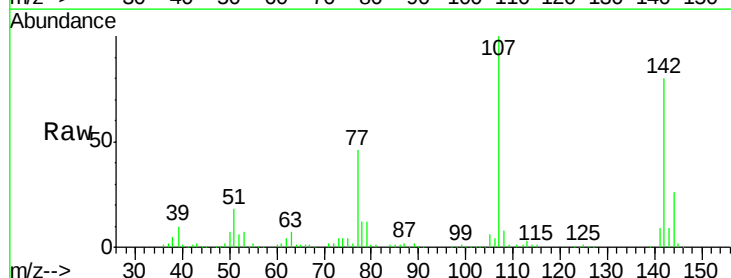
RT: 7.99 min Scan# 1029

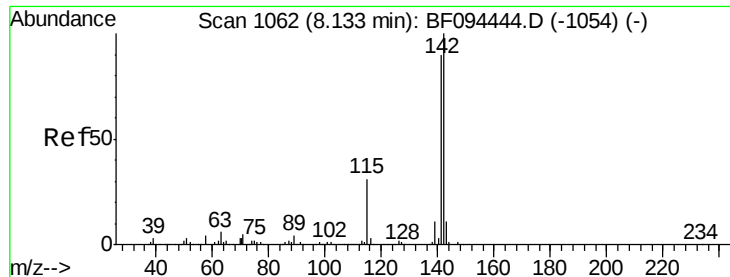
Delta R.T. -0.00 min

Lab File: BF094571.D

Acq: 21 Apr 2017 19:14

Tgt Ion:	107	Resp:	283299
Ion Ratio	Lower	Upper	
107	100		
144	26.1	24.2	36.4
142	80.4	73.4	110.0





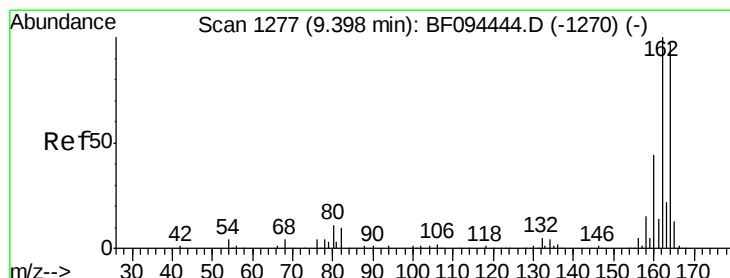
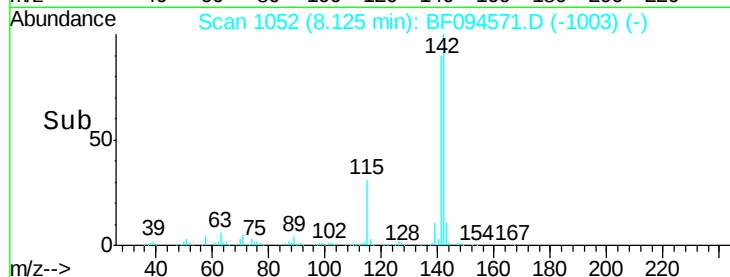
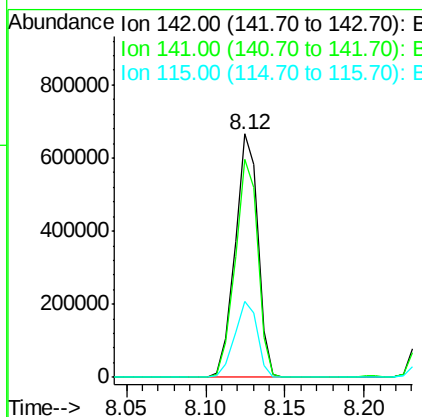
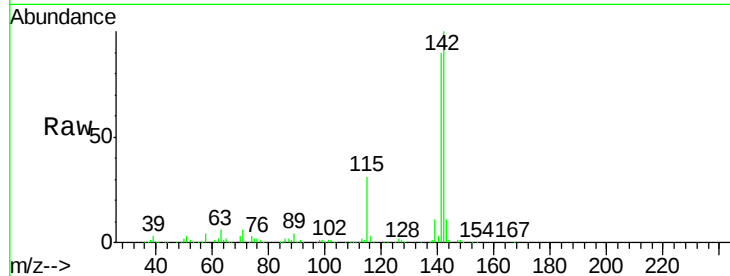
#37
2-Methylnaphthalene
Concen: 43.14 ng
RT: 8.12 min Scan# 1052
Delta R.T. -0.01 min
Lab File: BF094571.D
Acq: 21 Apr 2017 19:14

Instrument :
BNA_F
ClientSampleId :
BL-1(3)MS

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.7	71.3	106.9
115	31.3	27.1	40.7

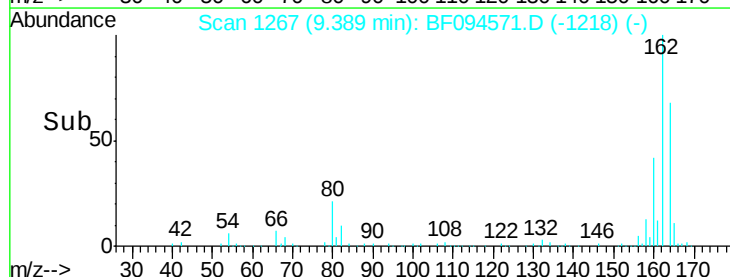
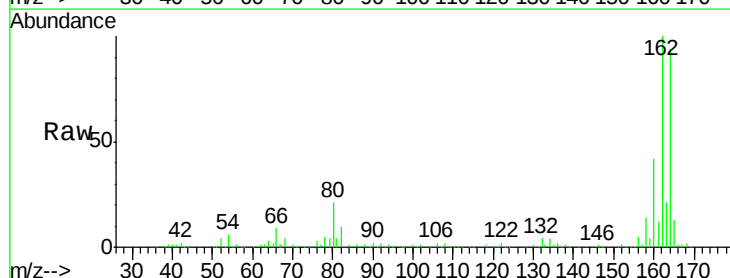
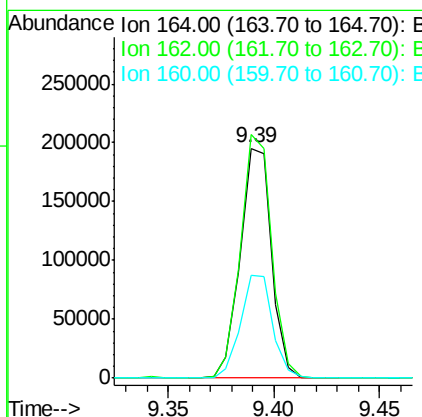
Manual Integrations
APPROVED

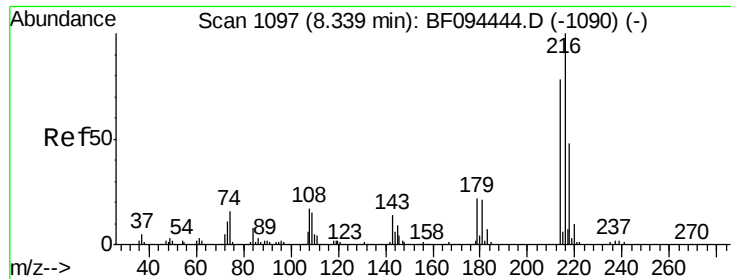
mohammad
4/24/2017 5:13:23 PM



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.39 min Scan# 1267
Delta R.T. -0.01 min
Lab File: BF094571.D
Acq: 21 Apr 2017 19:14

Tgt Ion	Ratio	Lower	Upper
164	100		
162	106.0	82.6	123.8
160	45.0	36.2	54.2





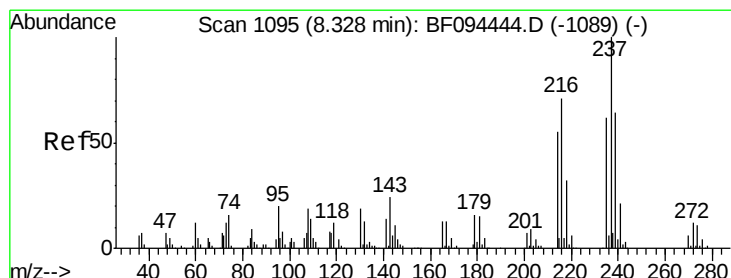
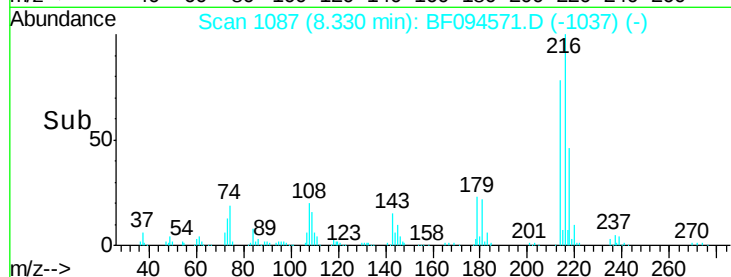
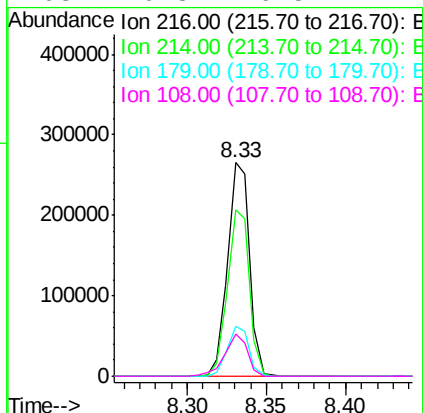
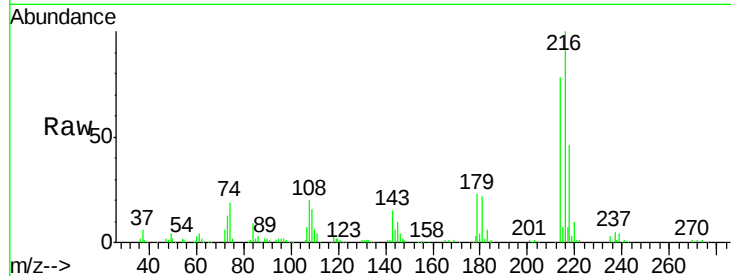
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 44.41 ng
 RT: 8.33 min Scan# 1087
 Delta R.T. -0.01 min
 Lab File: BF094571.D
 Acq: 21 Apr 2017 19:14

Instrument :
 BNA_F
 ClientSampleId :
 BL-1(3)MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
216	100		253365		
214	78.1		63.4	95.2	
179	22.8		17.9	26.9	
108	20.3		16.5	24.7	

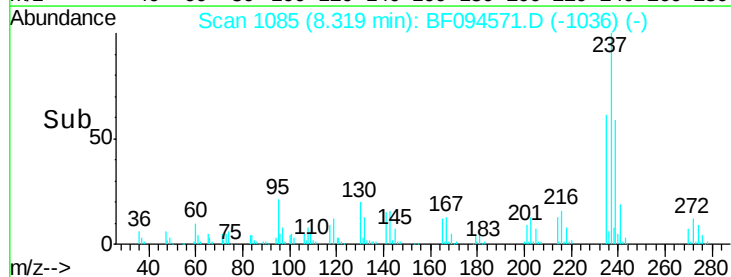
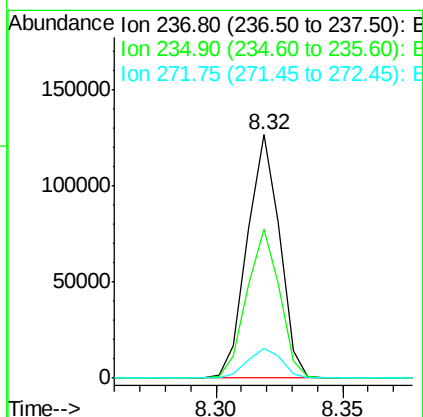
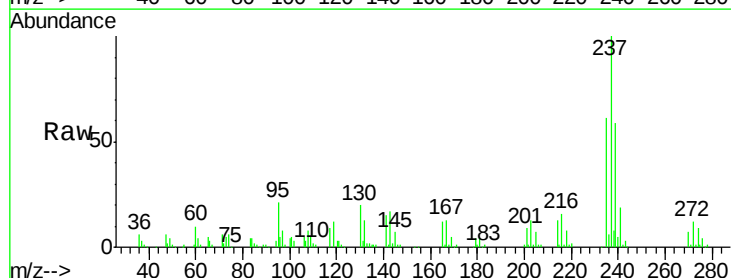
Manual Integrations
 APPROVED

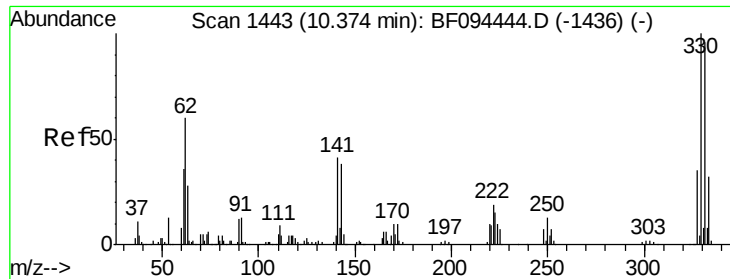
mohammad
 4/24/2017 5:13:23 PM



#40
 Hexachlorocyclopentadiene
 Concen: 48.85 ng
 RT: 8.32 min Scan# 1085
 Delta R.T. -0.01 min
 Lab File: BF094571.D
 Acq: 21 Apr 2017 19:14

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
237	100		112759		
235	61.4		42.6	82.6	
272	12.2		0.0	31.9	





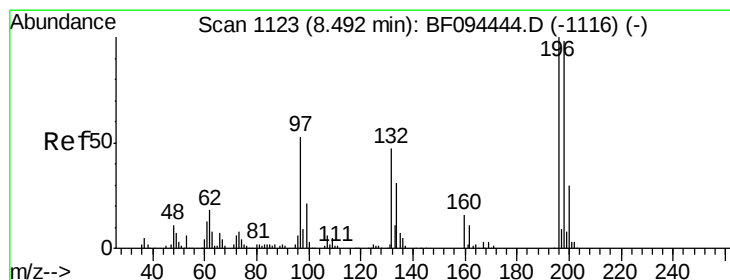
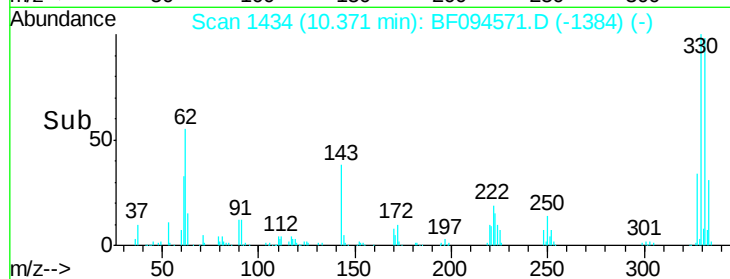
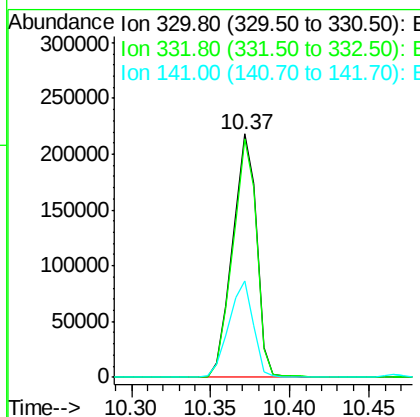
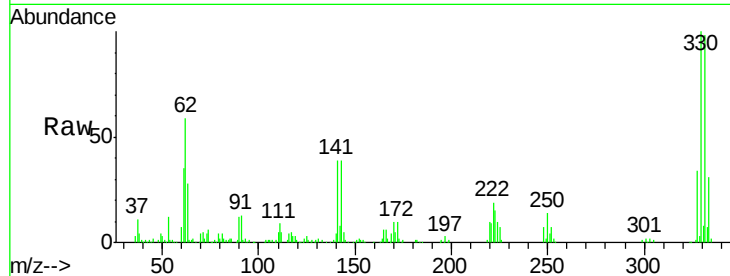
#41
 2,4,6-Tribromophenol
 Concen: 146.85 ng
 RT: 10.37 min Scan# 1434
 Delta R.T. -0.00 min
 Lab File: BF094571.D
 Acq: 21 Apr 2017 19:14

Instrument :
 BNA_F
 ClientSampleId :
 BL-1(3)MS

Tot Ion	Ratio	Resp	Lower	Upper
330	100	230146		
332	97.0		76.6	115.0
141	40.0		31.4	47.2

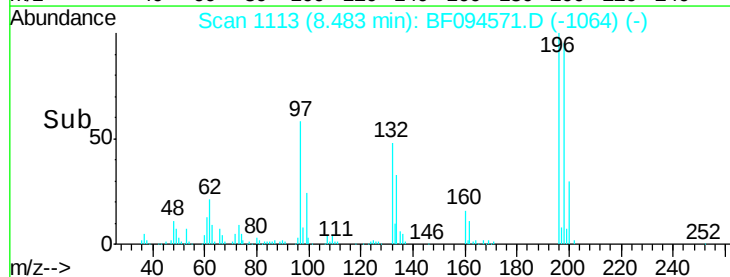
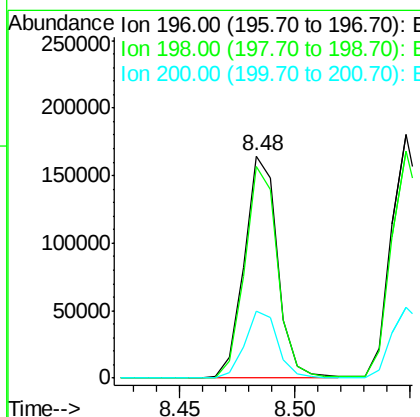
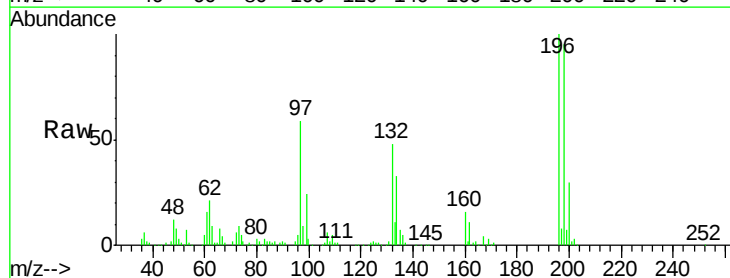
Manual Integrations
 APPROVED

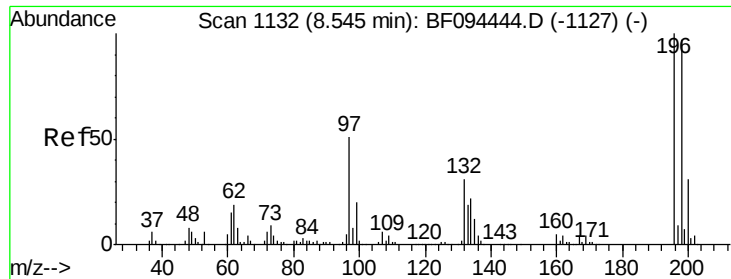
mohammad
 4/24/2017 5:13:23 PM



#42
 2,4,6-Trichlorophenol
 Concen: 41.28 ng
 RT: 8.48 min Scan# 1113
 Delta R.T. -0.01 min
 Lab File: BF094571.D
 Acq: 21 Apr 2017 19:14

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	165406		
198	95.3		74.2	111.4
200	30.0		24.0	36.0





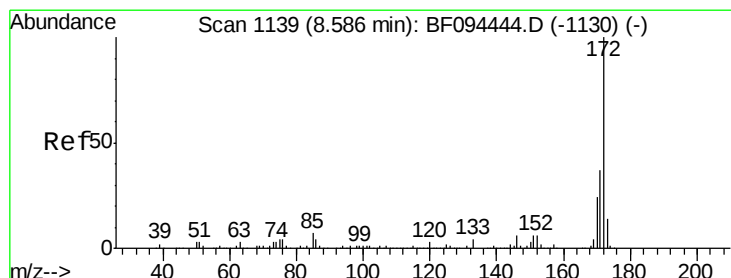
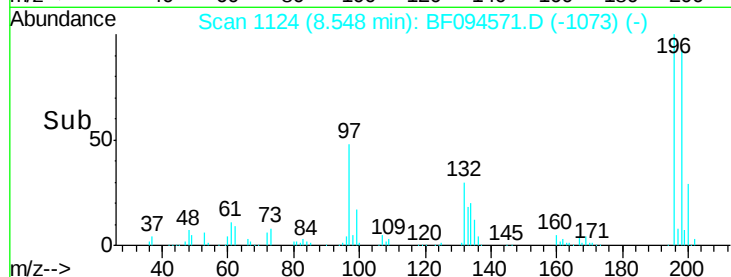
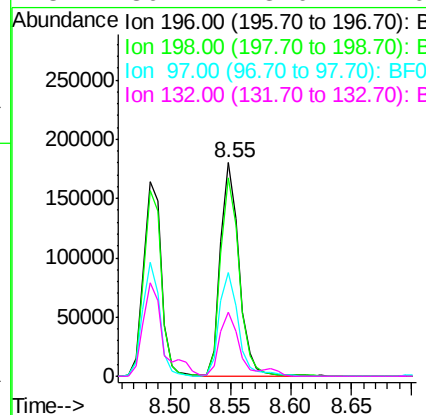
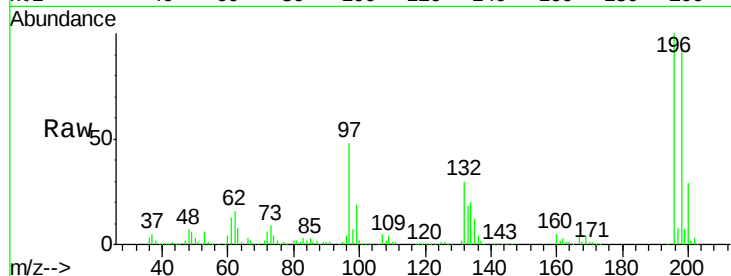
#43
 2,4,5-Trichlorophenol
 Concen: 46.84 ng
 RT: 8.55 min Scan# 1124
 Delta R.T. 0.00 min
 Lab File: BF094571.D
 Acq: 21 Apr 2017 19:14

Instrument :
 BNA_F
 ClientSampleId :
 BL-1(3)MS

Tot Ion	196	Resp	192718
Ion Ratio	Lower	Upper	
196	100		
198	93.0	75.7	113.5
97	48.5	47.7	71.5
132	30.1	28.0	42.0

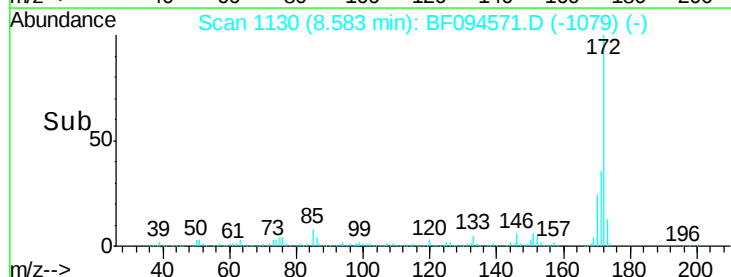
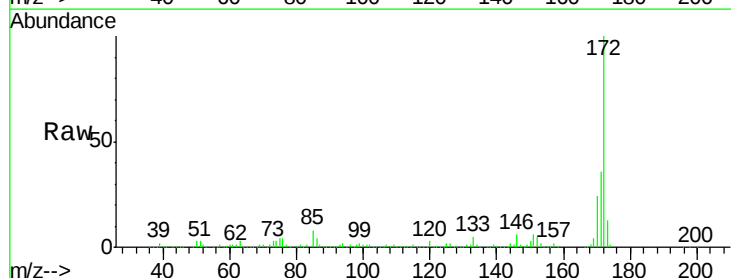
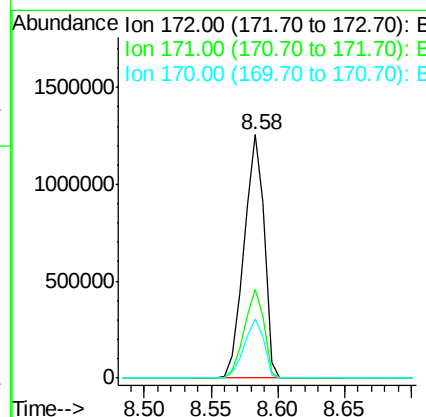
Manual Integrations
 APPROVED

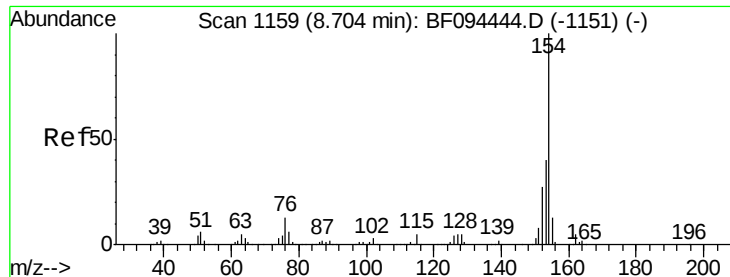
mohammad
 4/24/2017 5:13:23 PM



#44
 2-Fluorobiphenyl
 Concen: 96.19 ng
 RT: 8.58 min Scan# 1130
 Delta R.T. -0.00 min
 Lab File: BF094571.D
 Acq: 21 Apr 2017 19:14

Tgt Ion	172	Resp	1309953
Ion Ratio	Lower	Upper	
172	100		
171	36.4	29.6	44.4
170	24.2	19.8	29.8





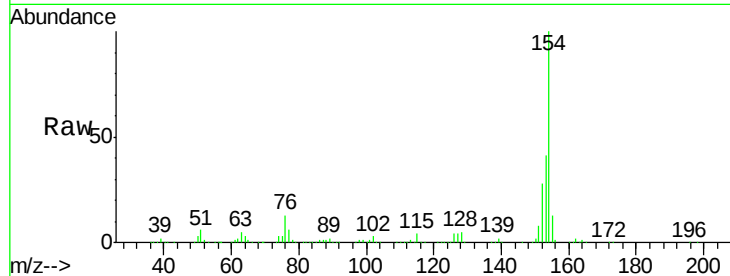
#45
 1,1'-Biphenyl
 Concen: 44.03 ng
 RT: 8.70 min Scan# 1150
 Delta R.T. -0.00 min
 Lab File: BF094571.D
 Acq: 21 Apr 2017 19:14

Instrument :
 BNA_F
 ClientSampleId :
 BL-1(3)MS

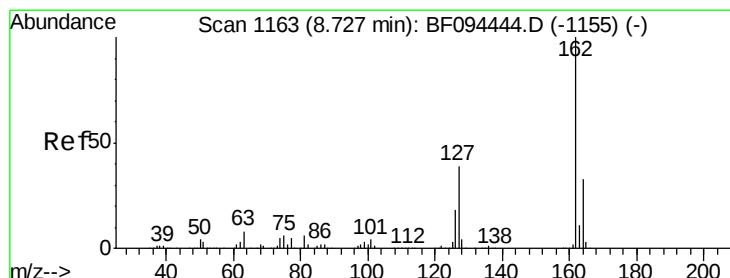
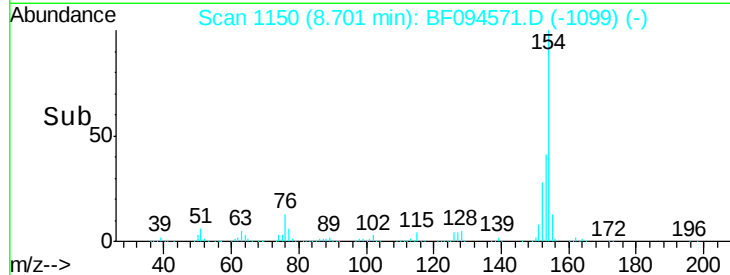
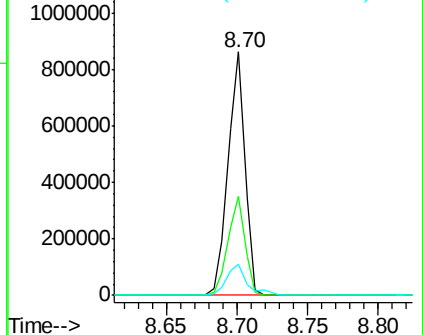
Tot Ion	Ratio	Lower	Upper
154	100		
153	40.8	21.2	61.2
76	12.9	0.0	29.9

Manual Integrations
 APPROVED

mohammad
 4/24/2017 5:13:23 PM

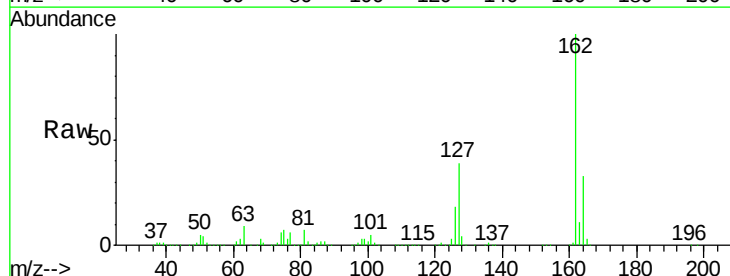


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

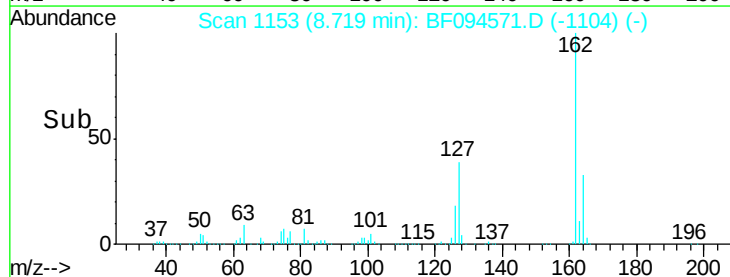
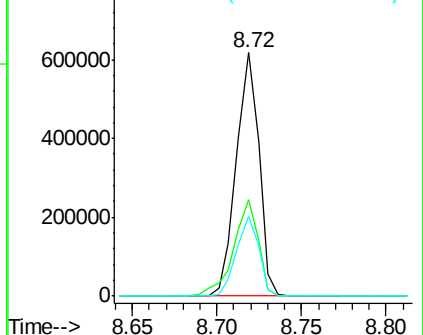


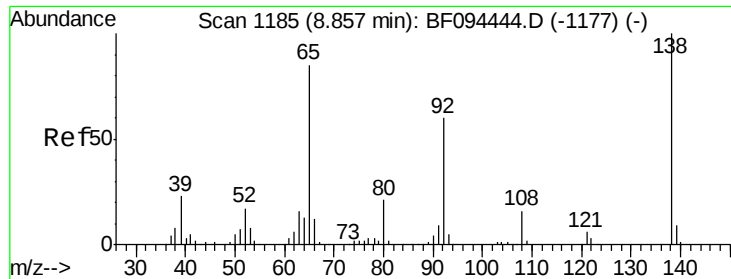
#46
 2-Chloronaphthalene
 Concen: 44.25 ng
 RT: 8.72 min Scan# 1153
 Delta R.T. -0.01 min
 Lab File: BF094571.D
 Acq: 21 Apr 2017 19:14

Tgt Ion	Ratio	Lower	Upper
162	100		
127	39.4	28.3	42.5
164	32.6	27.0	40.4



Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E





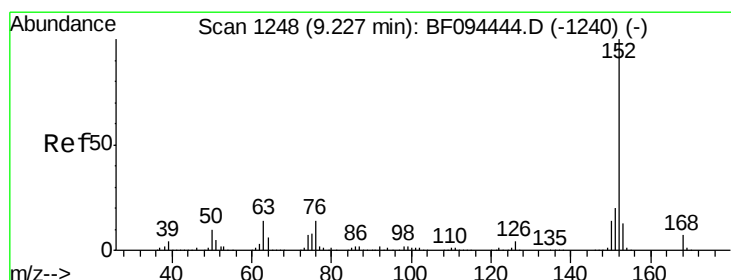
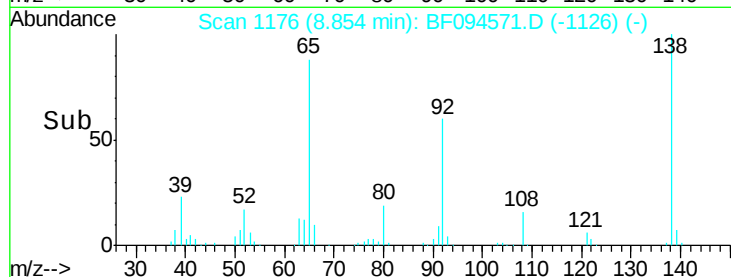
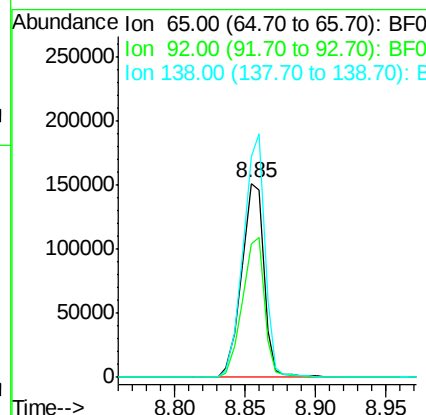
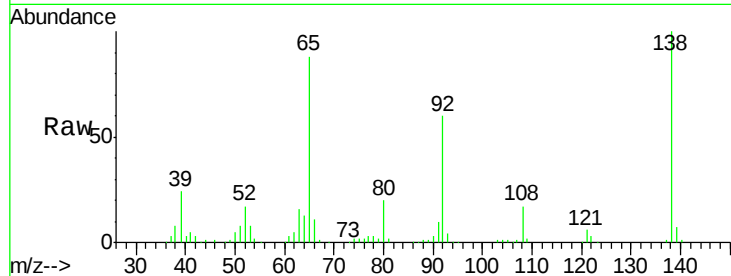
#47
2-Nitroaniline
Concen: 45.00 ng
RT: 8.85 min Scan# 1176
Delta R.T. -0.00 min
Lab File: BF094571.D
Acq: 21 Apr 2017 19:14

Instrument :
BNA_F
ClientSampleId :
BL-1(3)MS

Tot Ion	Ratio	Lower	Upper
65	100		
92	68.7	53.9	80.9
138	113.6	78.8	118.2

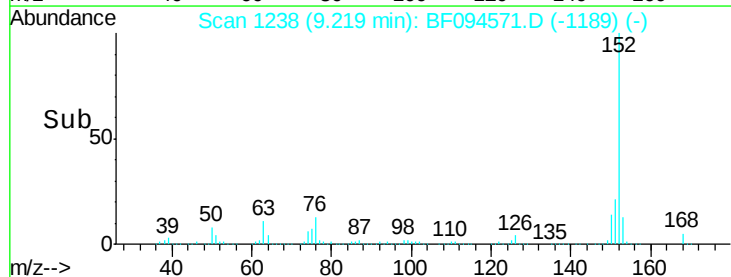
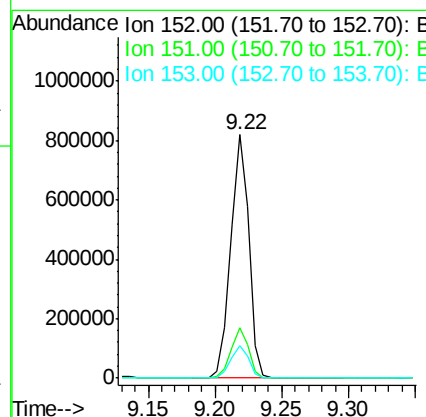
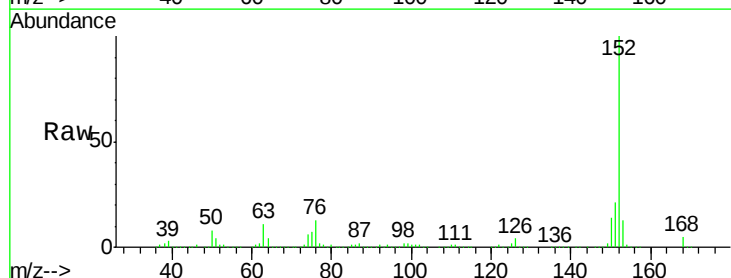
Manual Integrations
APPROVED

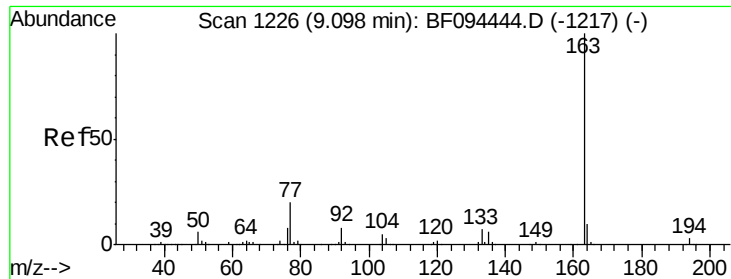
mohammad
4/24/2017 5:13:23 PM



#48
Acenaphthylene
Concen: 38.86 ng
RT: 9.22 min Scan# 1238
Delta R.T. -0.01 min
Lab File: BF094571.D
Acq: 21 Apr 2017 19:14

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.6	16.8	25.2
153	13.4	10.8	16.2





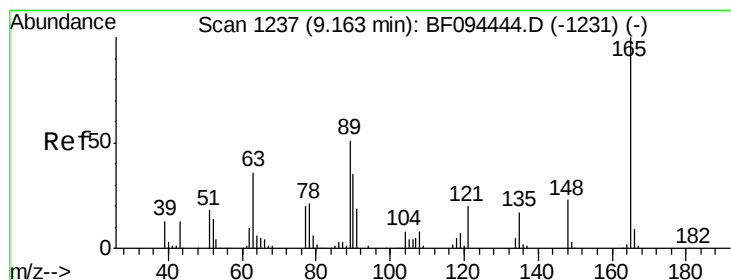
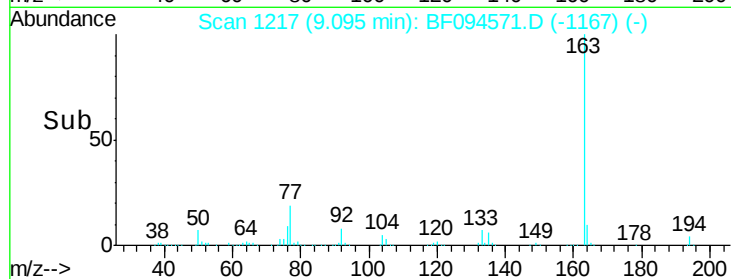
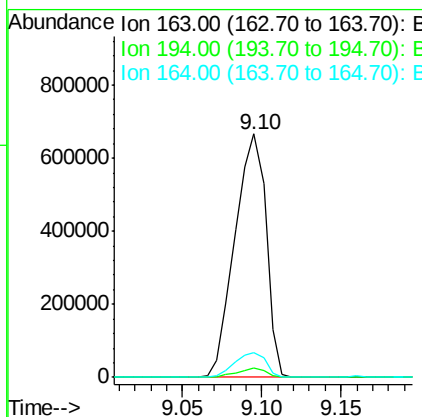
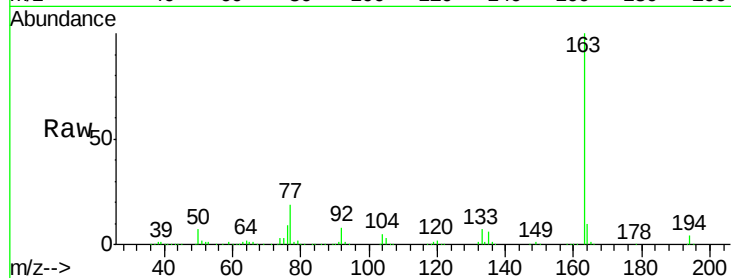
#49
Dimethylphthalate
Concen: 60.70 ng
RT: 9.10 min Scan# 1217
Delta R.T. -0.00 min
Lab File: BF094571.D
Acq: 21 Apr 2017 19:14

Instrument :
BNA_F
ClientSampleId :
BL-1(3)MS

Tot Ion	Ratio	Resp	Lower	Upper
163	100	906379		
194	3.6		2.6	4.0
164	10.3		8.4	12.6

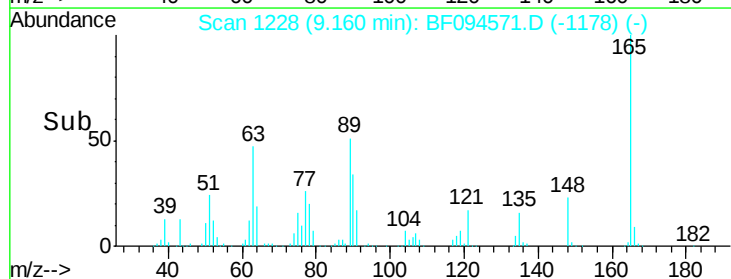
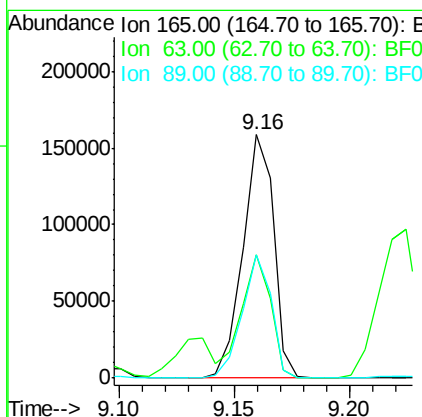
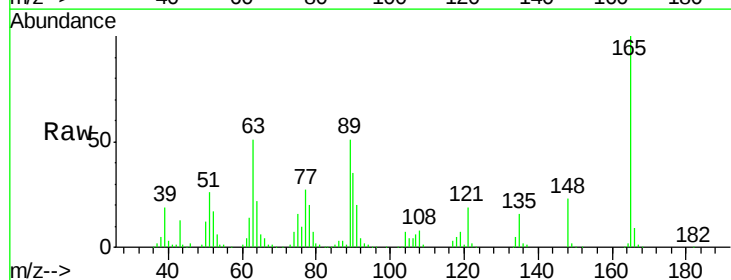
Manual Integrations
APPROVED

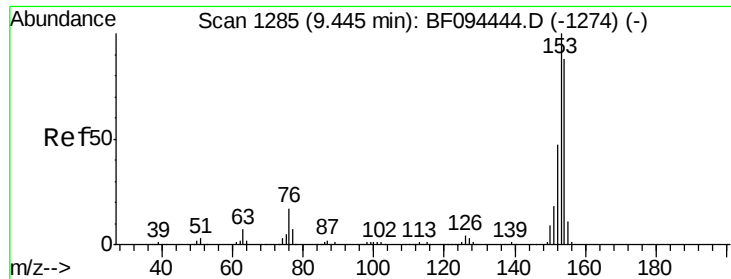
mohammad
4/24/2017 5:13:23 PM



#50
2,6-Dinitrotoluene
Concen: 44.31 ng
RT: 9.16 min Scan# 1228
Delta R.T. -0.00 min
Lab File: BF094571.D
Acq: 21 Apr 2017 19:14

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	148524		
63	50.6		34.3	51.5
89	50.9		37.1	55.7





#51

Acenaphthene

Concen: 43.21 ng

RT: 9.44 min Scan# 1275

Delta R.T. -0.01 min

Lab File: BF094571.D

Acq: 21 Apr 2017 19:14

Instrument :

BNA_F

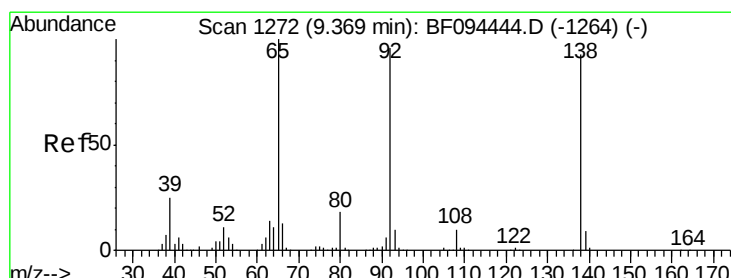
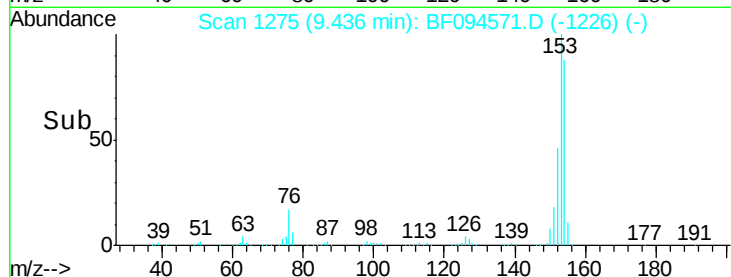
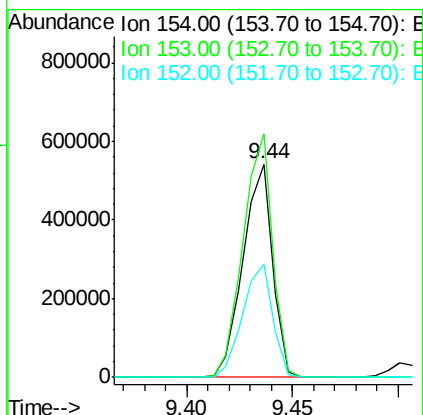
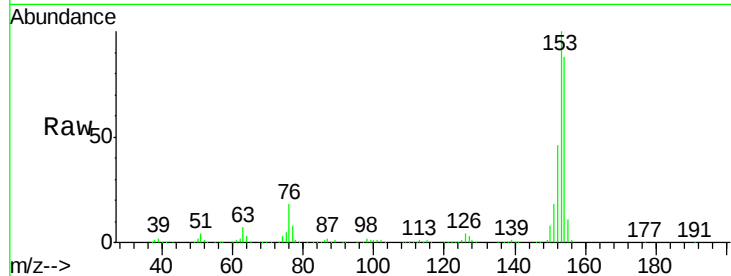
ClientSampleId :

BL-1(3)MS

Tot Ion:	154	Resp:	525219
Ion Ratio	Lower	Upper	
154	100		
153	114.3	90.5	135.7
152	53.1	43.6	65.4

Manual Integrations
APPROVED

mohammad
4/24/2017 5:13:23 PM



#52

3-Nitroaniline

Concen: 20.09 ng

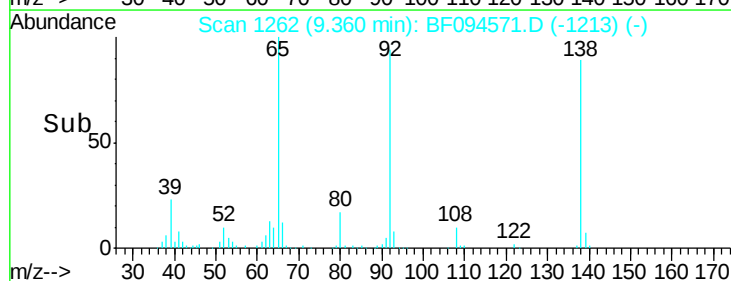
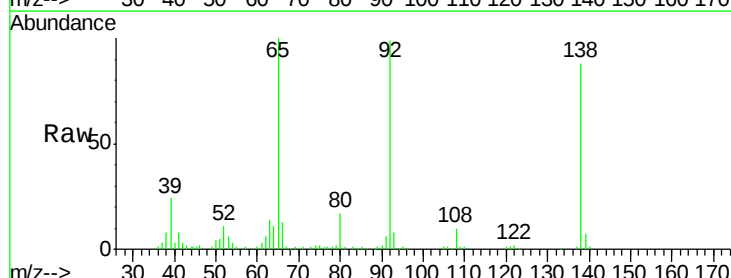
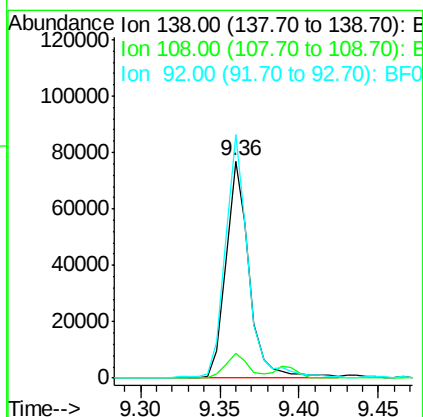
RT: 9.36 min Scan# 1262

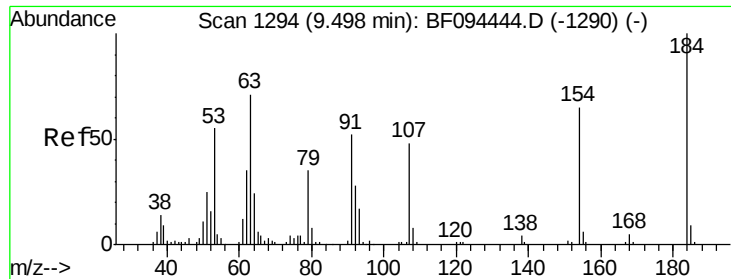
Delta R.T. -0.01 min

Lab File: BF094571.D

Acq: 21 Apr 2017 19:14

Tgt Ion:	138	Resp:	77913
Ion Ratio	Lower	Upper	
138	100		
108	11.3	9.1	13.7
92	112.2	93.8	140.6





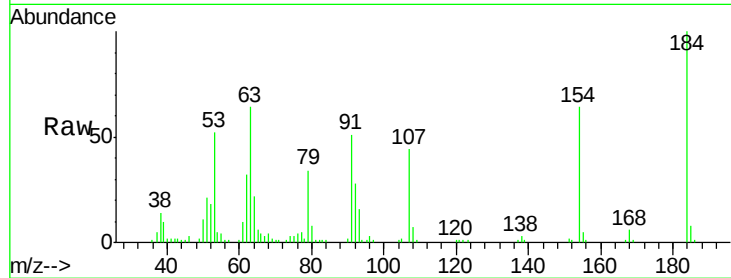
#53
 2,4-Dinitrophenol
 Concen: 40.70 ng
 RT: 9.50 min Scan# 1286
 Delta R.T. 0.00 min
 Lab File: BF094571.D
 Acq: 21 Apr 2017 19:14

Instrument :
 BNA_F
 ClientSampled :
 BL-1(3)MS

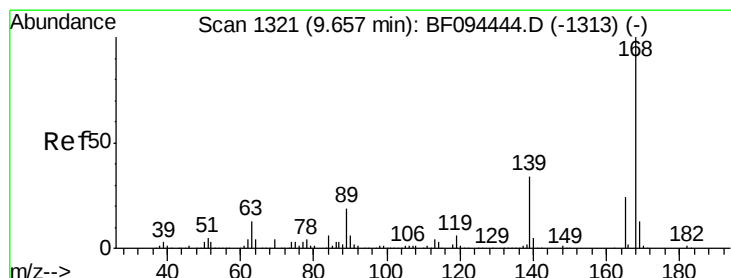
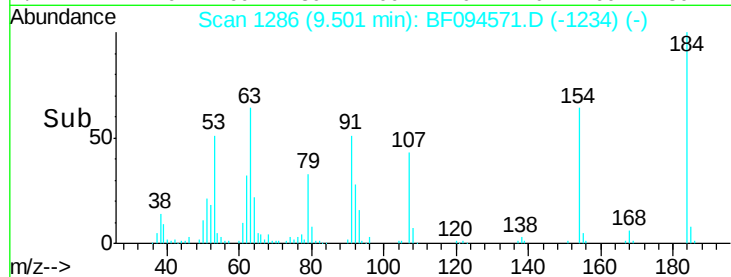
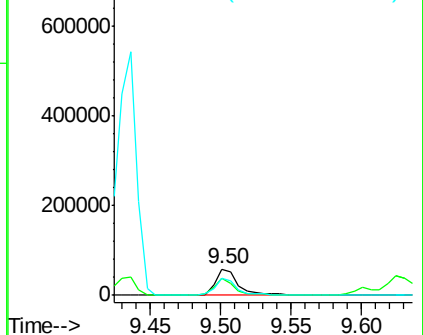
Tot Ion	Ratio	Lower	Upper
184	100		
63	64.4	62.7	94.1
154	64.0	81.1	121.7#

Manual Integrations
 APPROVED

mohammad
 4/24/2017 5:13:23 PM

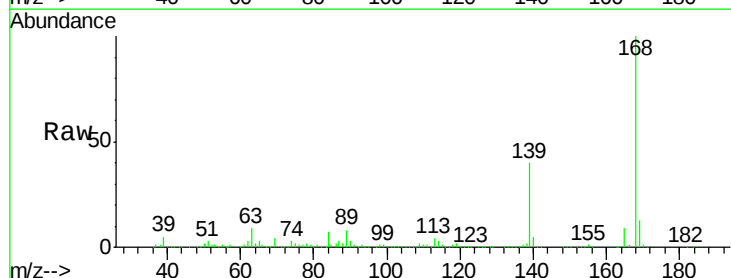


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 154.00 (153.70 to 154.70): E

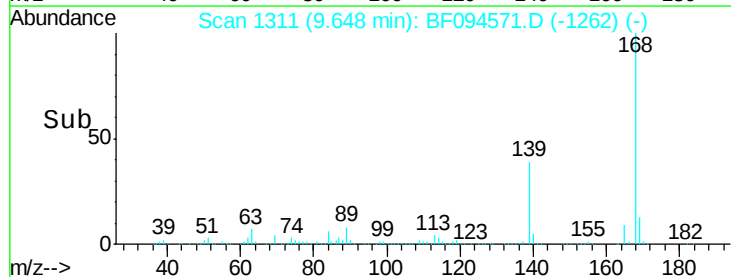
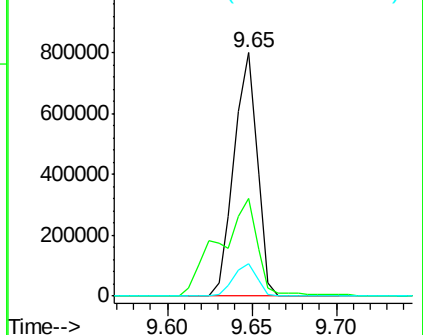


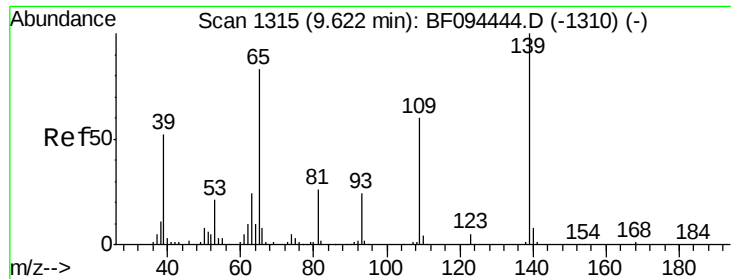
#54
 Dibenzofuran
 Concen: 43.41 ng
 RT: 9.65 min Scan# 1311
 Delta R.T. -0.01 min
 Lab File: BF094571.D
 Acq: 21 Apr 2017 19:14

Tgt Ion	Ratio	Lower	Upper
168	100		
139	40.1	30.6	45.8
169	13.3	10.8	16.2



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





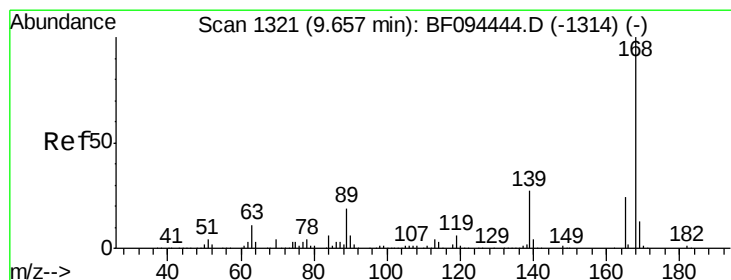
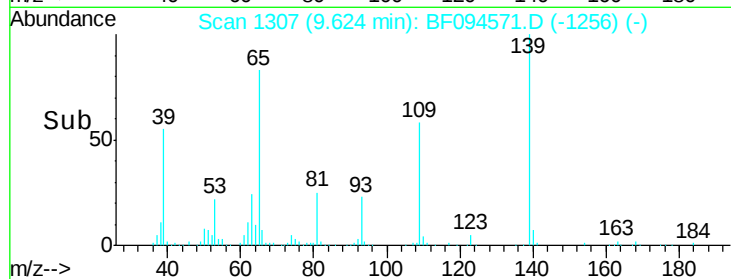
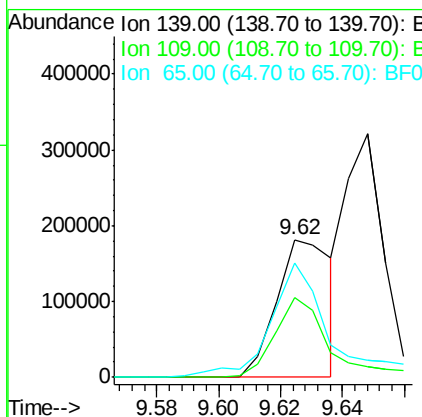
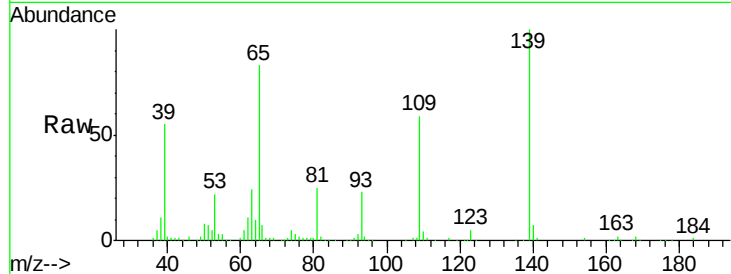
#55
4-Nitrophenol
Concen: 82.76 ng/ml
RT: 9.62 min Scan# 1307
Delta R.T. 0.00 min
Lab File: BF094571.D
Acq: 21 Apr 2017 19:14

Instrument :
BNA_F
ClientSampleId :
BL-1(3)MS

Tot Ion	Ratio	Resp	Lower	Upper
139	100	226722		
109	58.5	34.1	74.1	
65	82.8	31.4	71.4	

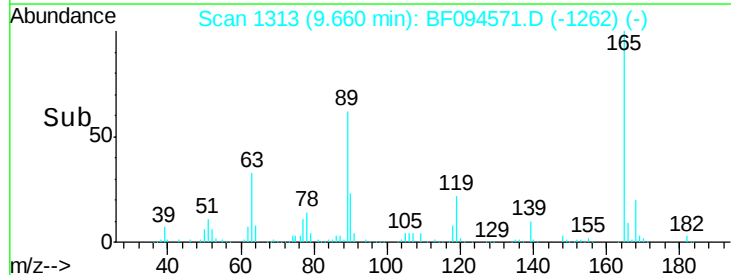
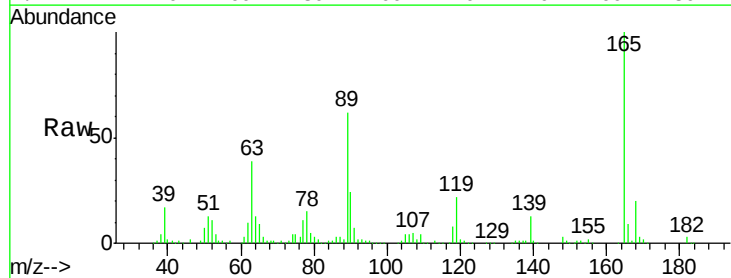
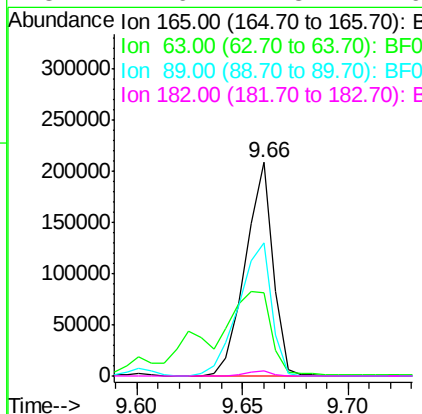
Manual Integrations
APPROVED

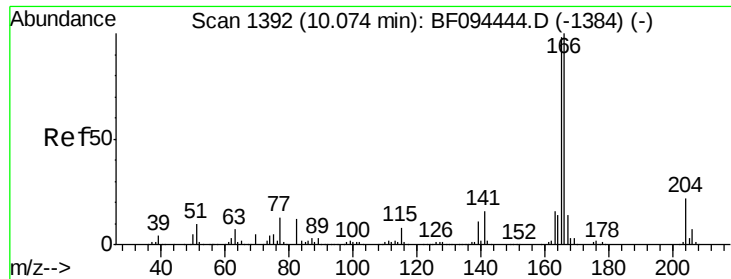
mohammad
4/24/2017 5:13:23 PM



#56
2,4-Dinitrotoluene
Concen: 46.37 ng/ml
RT: 9.66 min Scan# 1313
Delta R.T. 0.00 min
Lab File: BF094571.D
Acq: 21 Apr 2017 19:14

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	190706		
63	39.0	25.4	38.0	
89	62.5	46.4	69.6	
182	2.6	1.8	2.6	





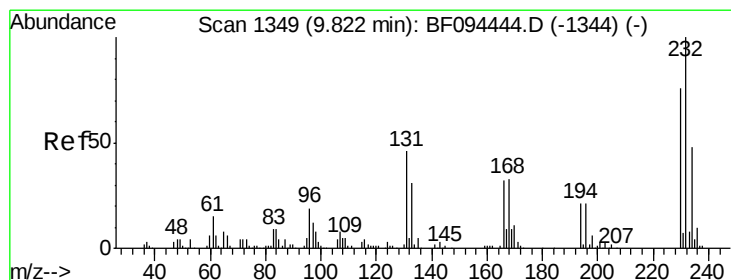
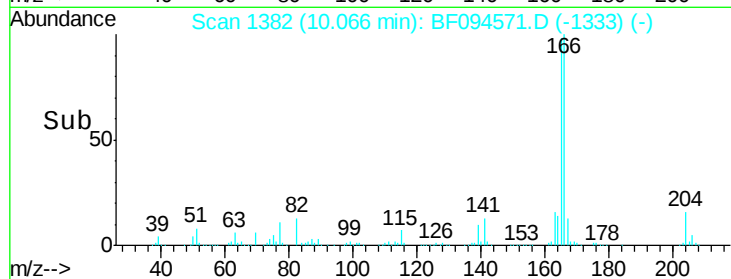
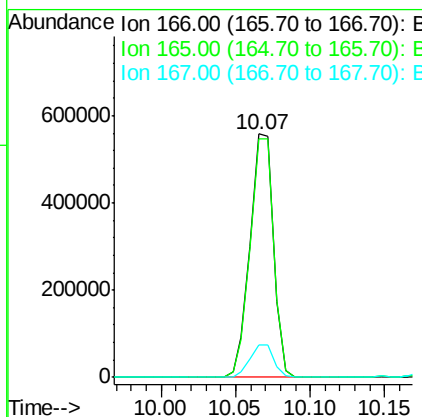
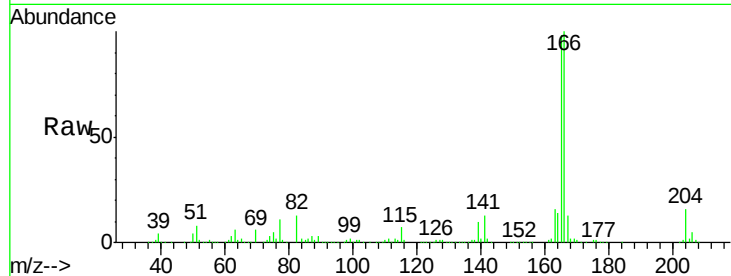
#57
 Fluorene
 Concen: 43.89 ng
 RT: 10.07 min Scan# 1382
 Delta R.T. -0.01 min
 Lab File: BF094571.D
 Acq: 21 Apr 2017 19:14

Instrument :
 BNA_F
 ClientSampleId :
 BL-1(3)MS

Tot Ion	Ratio	Resp	Lower	Upper
166	100	603731		
165	97.8		78.8	118.2
167	13.3		10.6	16.0

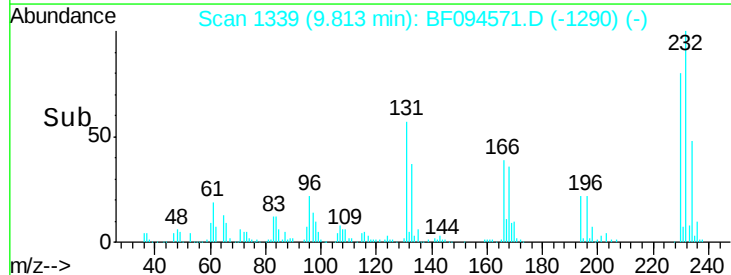
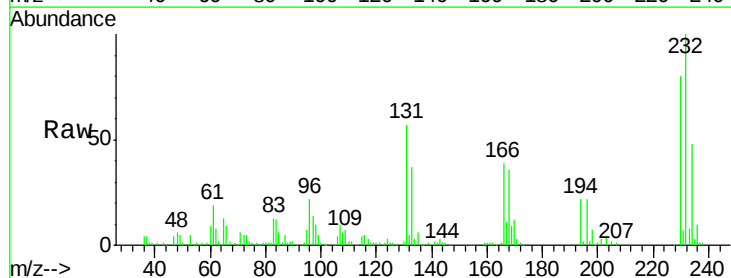
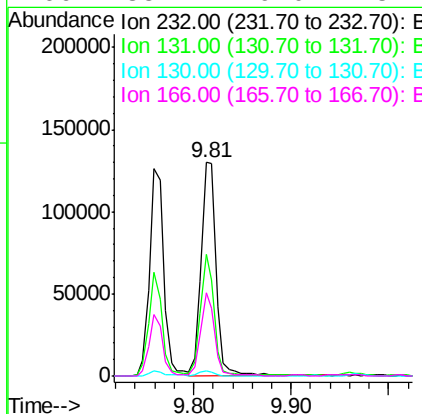
Manual Integrations
 APPROVED

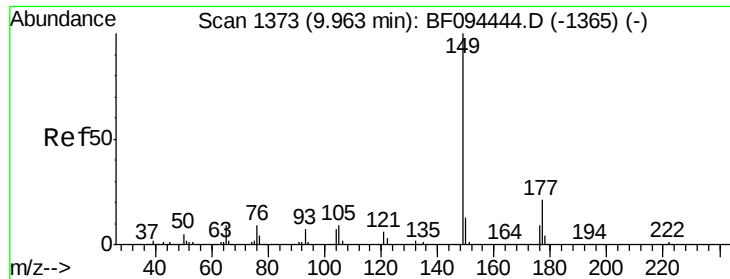
mohammad
 4/24/2017 5:13:23 PM



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 46.97 ng
 RT: 9.81 min Scan# 1339
 Delta R.T. -0.01 min
 Lab File: BF094571.D
 Acq: 21 Apr 2017 19:14

Tgt Ion	Ratio	Resp	Lower	Upper
232	100	138520		
131	51.6		44.8	67.2
130	2.5		2.3	3.5
166	35.7		29.0	43.4





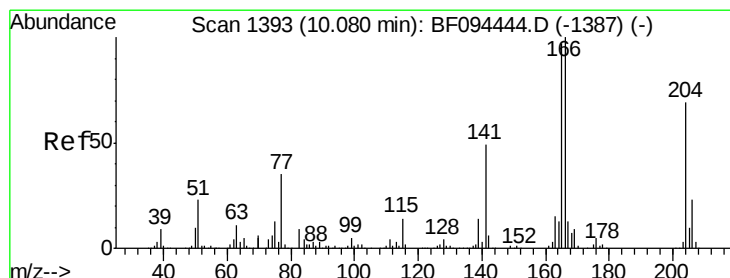
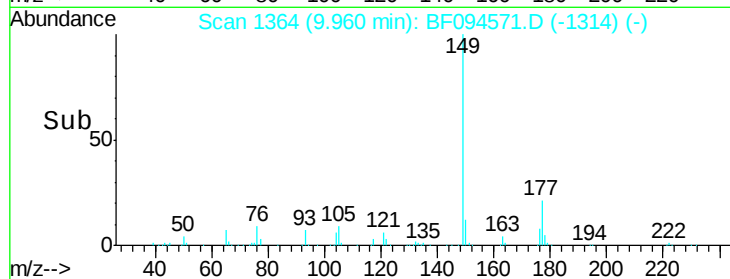
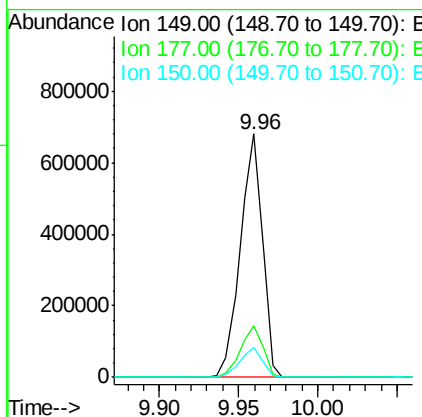
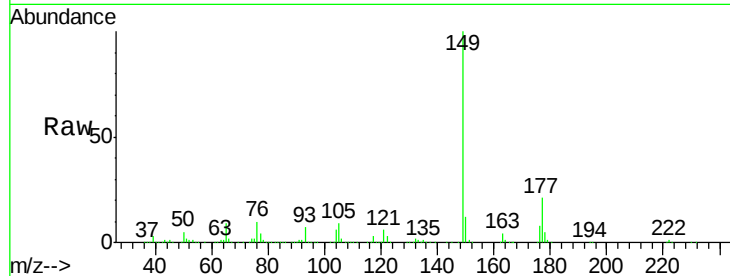
#59
Diethylphthalate
Concen: 46.53 ng
RT: 9.96 min Scan# 1364
Delta R.T. -0.00 min
Lab File: BF094571.D
Acq: 21 Apr 2017 19:14

Instrument :
BNA_F
ClientSampleId :
BL-1(3)MS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	655535		
177	21.2	16.7	25.1	
150	12.5	10.2	15.2	

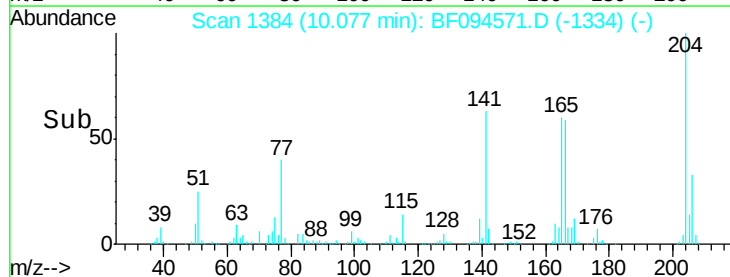
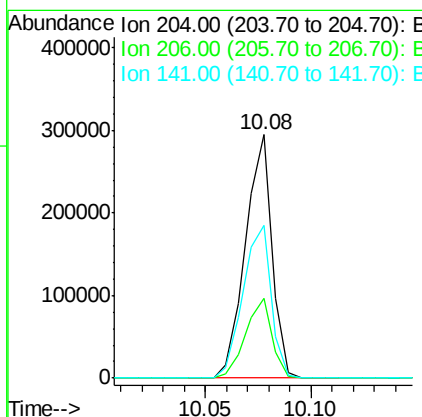
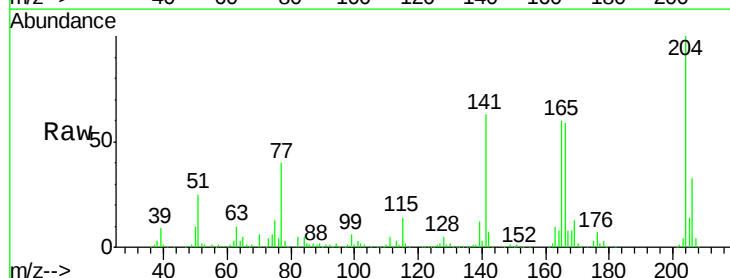
Manual Integrations
APPROVED

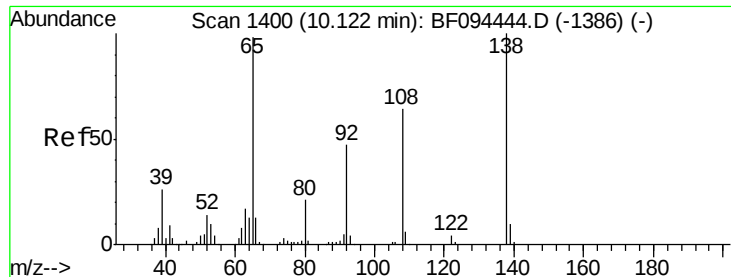
mohammad
4/24/2017 5:13:23 PM



#60
4-Chlorophenyl-phenylether
Concen: 45.07 ng
RT: 10.08 min Scan# 1384
Delta R.T. -0.00 min
Lab File: BF094571.D
Acq: 21 Apr 2017 19:14

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	258005		
206	32.7	26.2	39.2	
141	62.8	60.8	91.2	





#61

4-Nitroaniline

Concen: 33.32 ng

RT: 10.11 min Scan# 1390

Delta R.T. -0.01 min

Lab File: BF094571.D

Acq: 21 Apr 2017 19:14

Instrument :

BNA_F

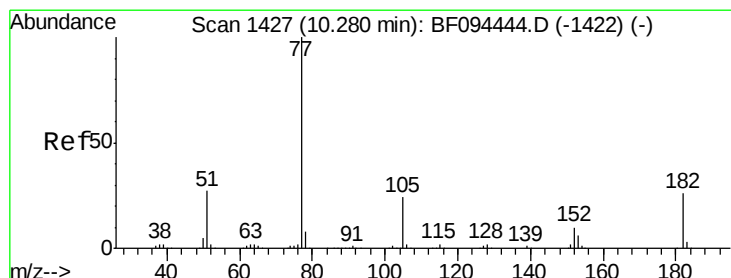
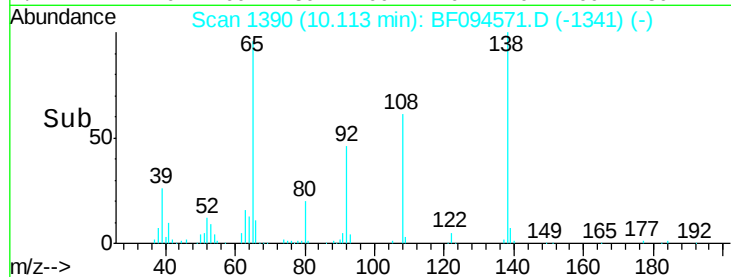
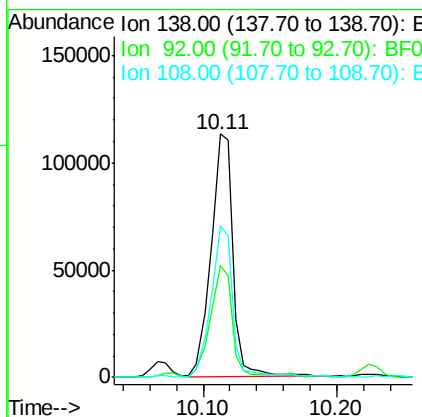
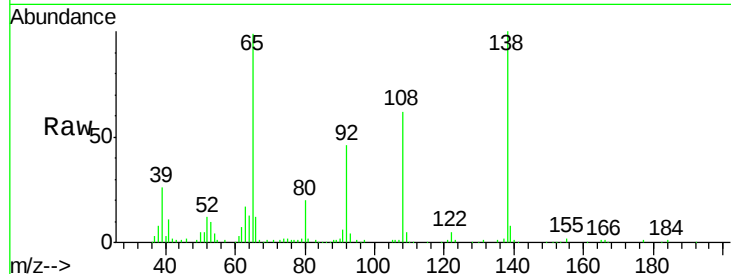
ClientSampleId :

BL-1(3)MS

Tot Ion:	138	Resp:	131331
Ion Ratio	Lower	Upper	
138	100		
92	45.8	21.8	61.8
108	62.4	42.3	82.3

Manual Integrations
APPROVED

mohammad
4/24/2017 5:13:23 PM



#62

Azobenzene

Concen: 44.67 ng

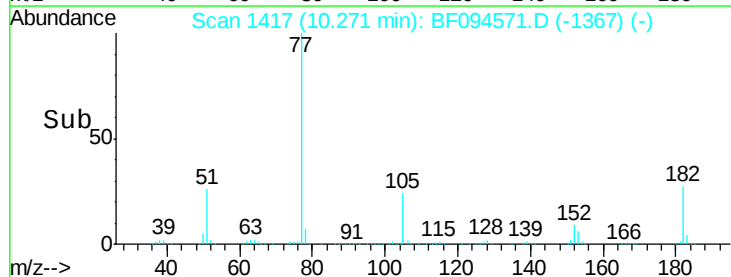
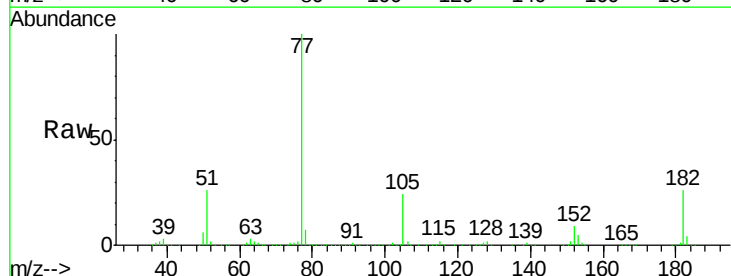
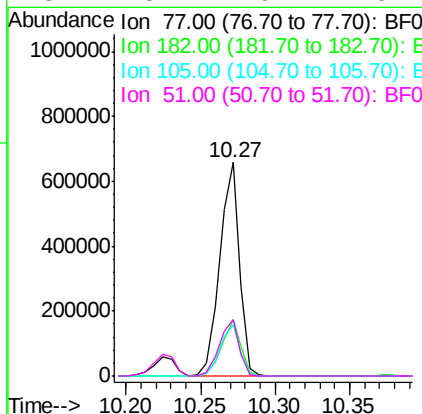
RT: 10.27 min Scan# 1417

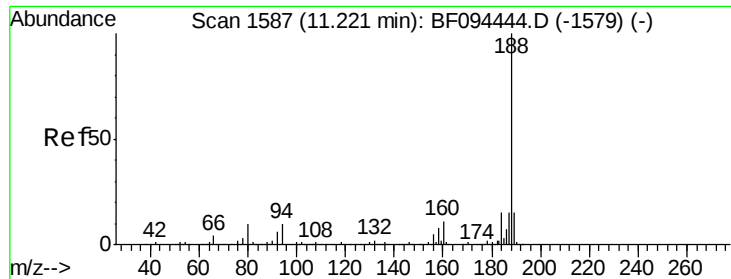
Delta R.T. -0.01 min

Lab File: BF094571.D

Acq: 21 Apr 2017 19:14

Tgt Ion:	77	Resp:	610992
Ion Ratio	Lower	Upper	
77	100		
182	26.5	0.1	40.1
105	24.3	3.6	43.6
51	26.4	9.4	49.4





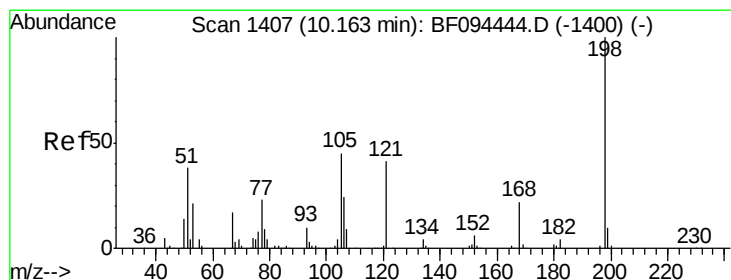
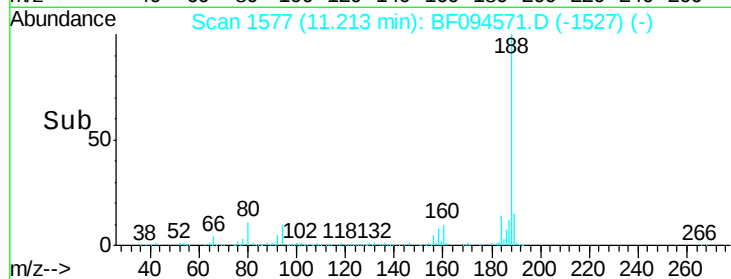
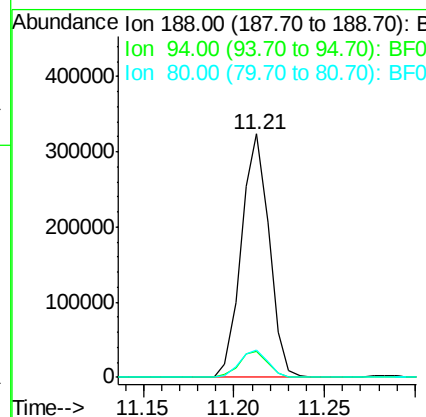
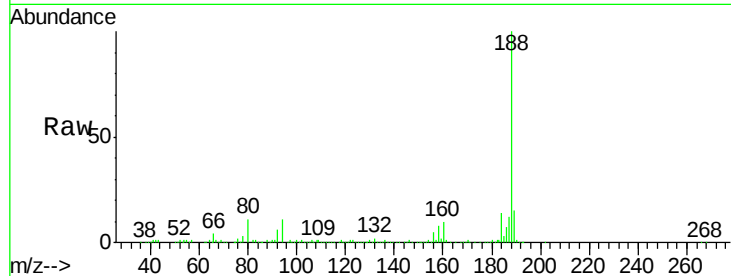
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.21 min Scan# 1577
Delta R.T. -0.01 min
Lab File: BF094571.D
Acq: 21 Apr 2017 19:14

Instrument :
BNA_F
ClientSampleId :
BL-1(3)MS

Tot Ion	Ratio	Resp	Lower	Upper
188	100	344781		
94	10.7		9.4	14.2
80	11.2		10.2	15.2

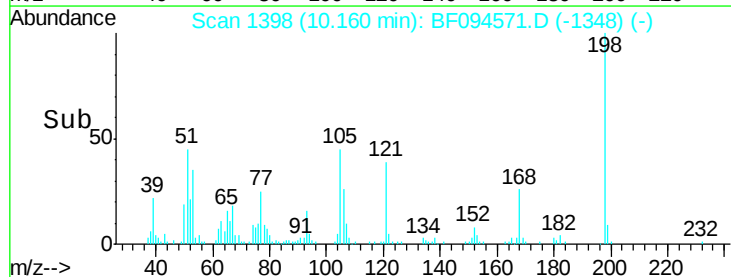
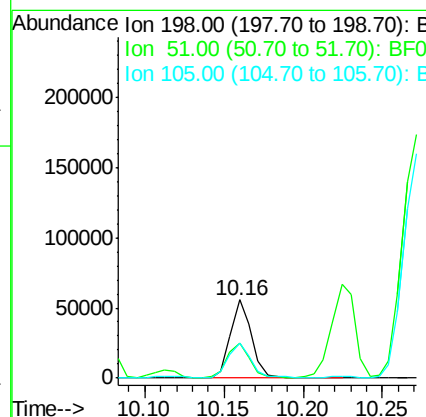
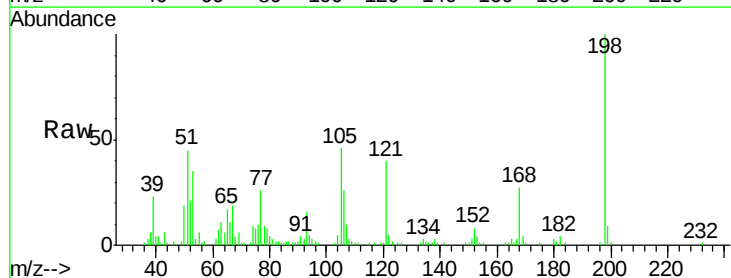
Manual Integrations
APPROVED

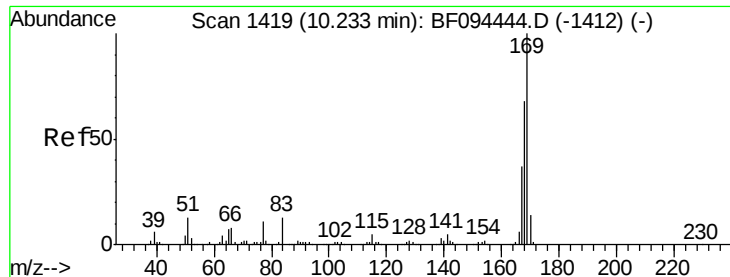
mohammad
4/24/2017 5:13:23 PM



#64
4,6-Dinitro-2-methylphenol
Concen: 23.21 ng
RT: 10.16 min Scan# 1398
Delta R.T. -0.00 min
Lab File: BF094571.D
Acq: 21 Apr 2017 19:14

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	52423		
51	45.3		53.2	93.2#
105	45.5		45.8	85.8#





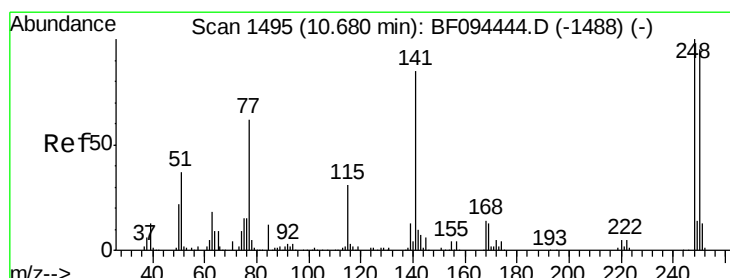
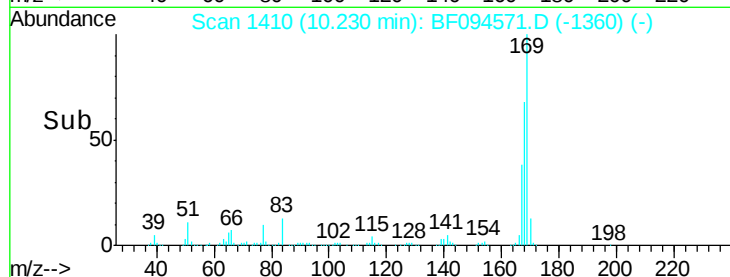
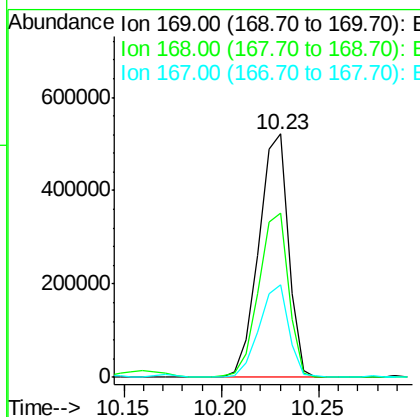
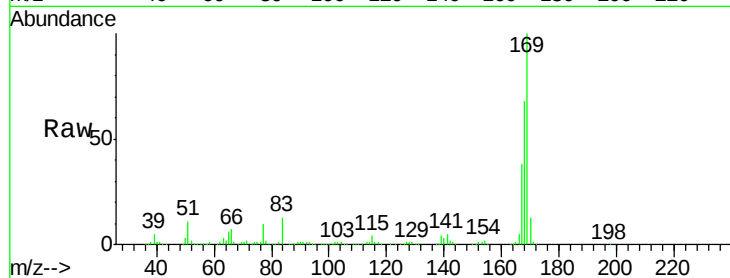
#65
 n-Nitrosodiphenylamine
 Concen: 45.98 ng
 RT: 10.23 min Scan# 1410
 Delta R.T. -0.00 min
 Lab File: BF094571.D
 Acq: 21 Apr 2017 19:14

Instrument :
 BNA_F
 ClientSampleId :
 BL-1(3)MS

Tot Ion	Ratio	Lower	Upper
169	100		
168	67.6	53.2	79.8
167	38.0	29.5	44.3

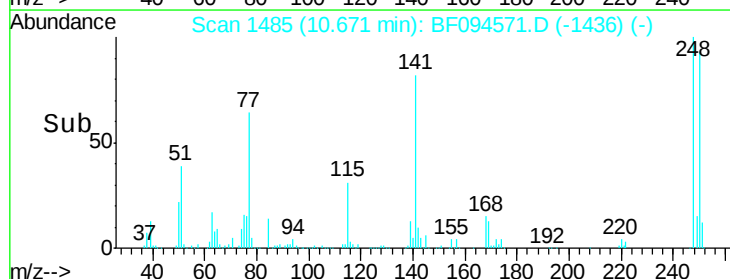
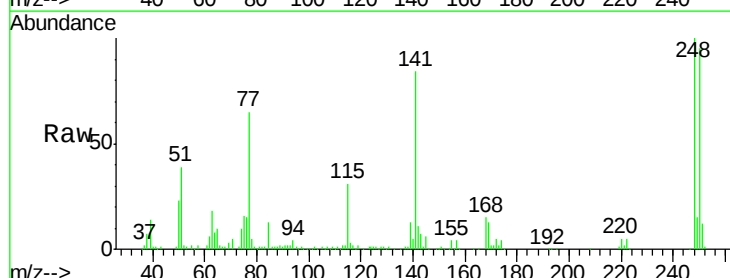
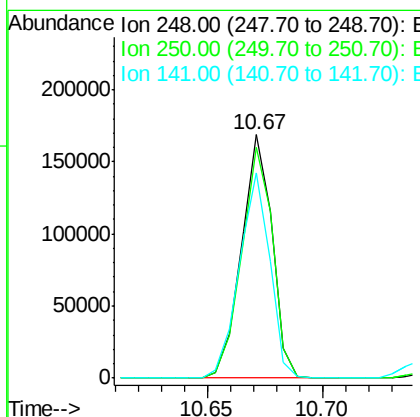
Manual Integrations
 APPROVED

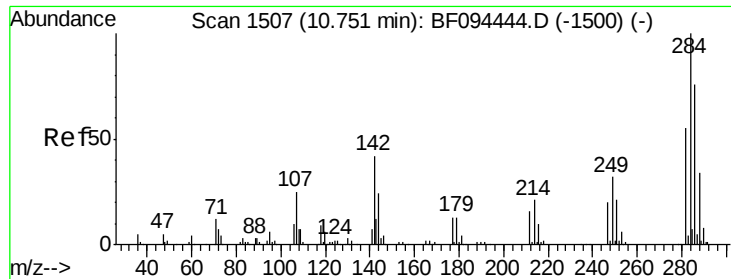
mohammad
 4/24/2017 5:13:23 PM



#66
 4-Bromophenyl-phenylether
 Concen: 45.64 ng
 RT: 10.67 min Scan# 1485
 Delta R.T. -0.01 min
 Lab File: BF094571.D
 Acq: 21 Apr 2017 19:14

Tgt Ion	Ratio	Lower	Upper
248	100		
250	94.6	76.8	115.2
141	84.3	68.6	103.0





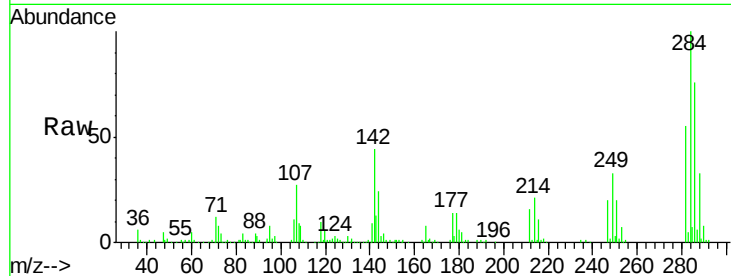
#67
Hexachlorobenzene
Concen: 43.00 ng
RT: 10.74 min Scan# 1497
Delta R.T. -0.01 min
Lab File: BF094571.D
Acq: 21 Apr 2017 19:14

Instrument :
BNA_F
ClientSampleId :
BL-1(3)MS

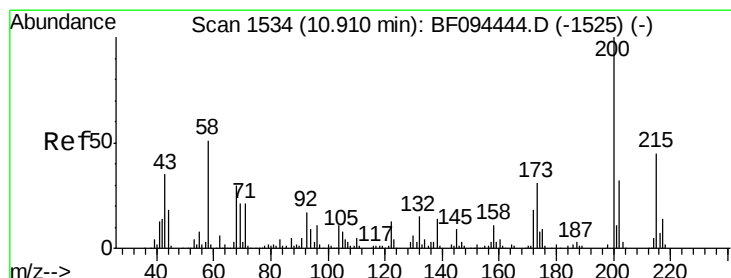
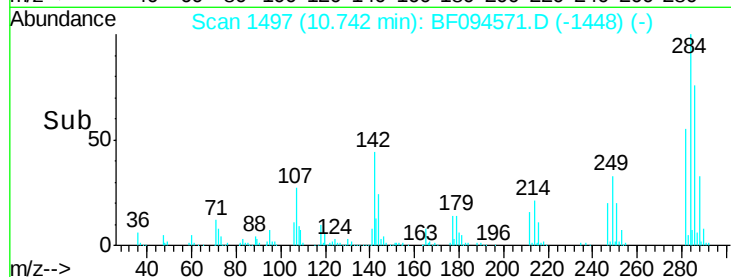
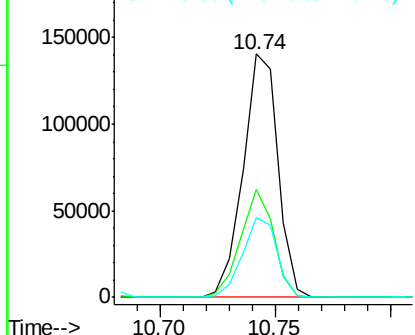
Tot Ion	Ratio	Resp	Lower	Upper
284	100	148356		
142	44.3	22.8	34.2	#
249	32.7	24.0	36.0	

Manual Integrations
APPROVED

mohammad
4/24/2017 5:13:23 PM

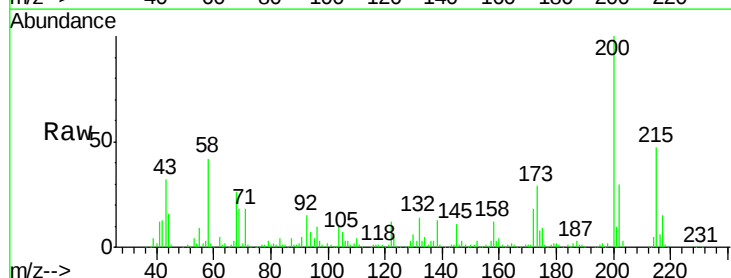


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

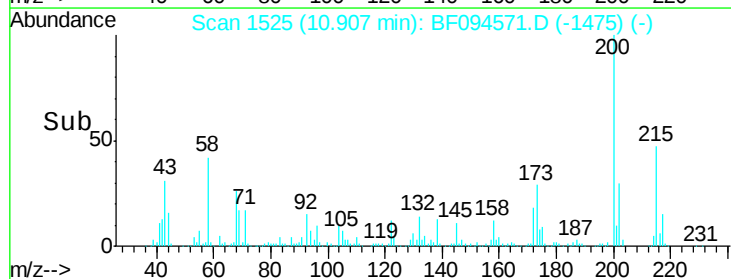
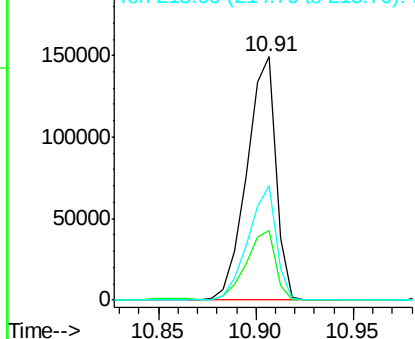


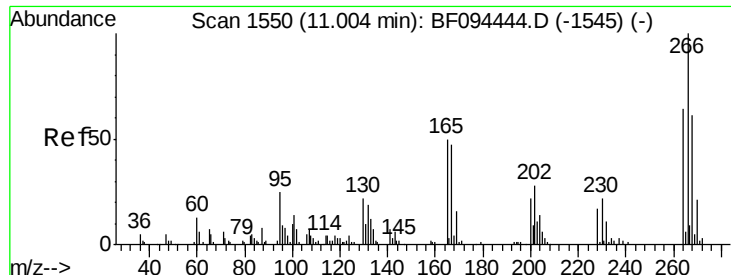
#68
Atrazine
Concen: 42.93 ng
RT: 10.91 min Scan# 1525
Delta R.T. -0.00 min
Lab File: BF094571.D
Acq: 21 Apr 2017 19:14

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	153996		
173	28.6	6.3	46.3	
215	47.0	27.2	67.2	



Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E





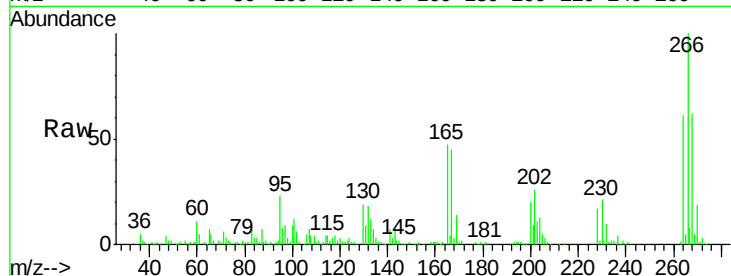
#69
 Pentachlorophenol
 Concen: 110.37 ng
 RT: 11.00 min Scan# 1541
 Delta R.T. -0.00 min
 Lab File: BF094571.D
 Acq: 21 Apr 2017 19:14

Instrument :
 BNA_F
 ClientSampleId :
 BL-1(3)MS

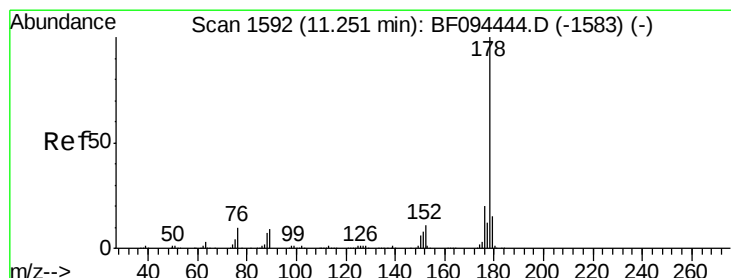
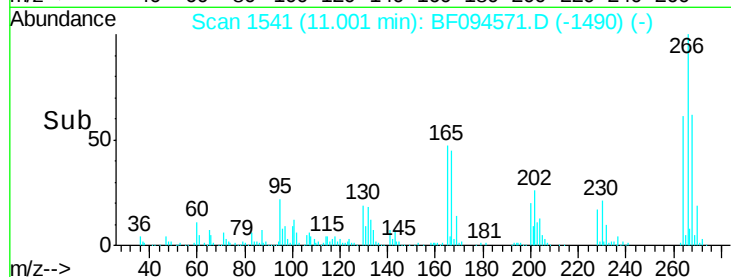
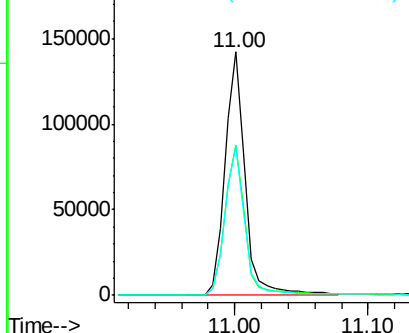
Tot Ion	Ratio	Lower	Upper
266	100		
268	61.8	51.1	76.7
264	61.0	51.7	77.5

Manual Integrations
 APPROVED

mohammad
 4/24/2017 5:13:23 PM

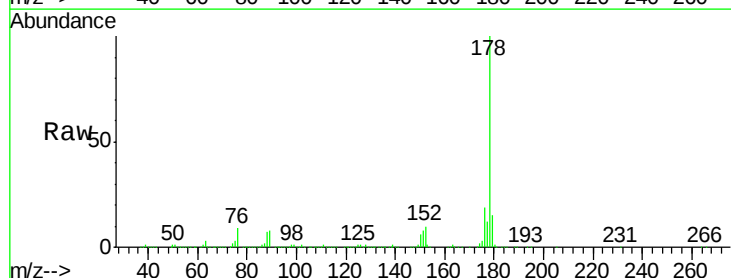


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

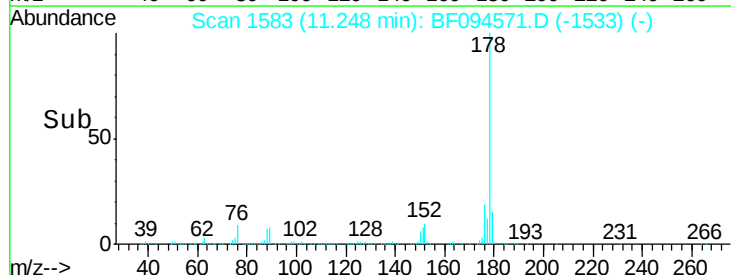
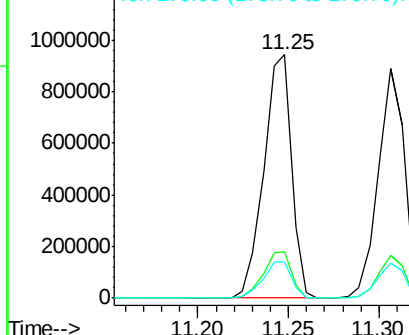


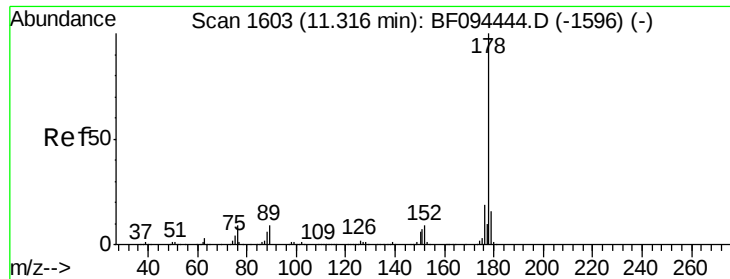
#70
 Phenanthrene
 Concen: 51.75 ng
 RT: 11.25 min Scan# 1583
 Delta R.T. -0.00 min
 Lab File: BF094571.D
 Acq: 21 Apr 2017 19:14

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.3	16.2	24.4
179	15.0	12.6	19.0



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





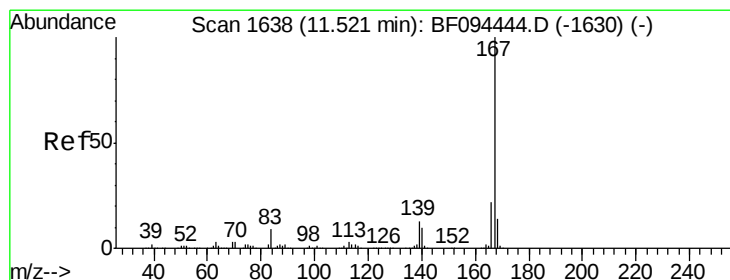
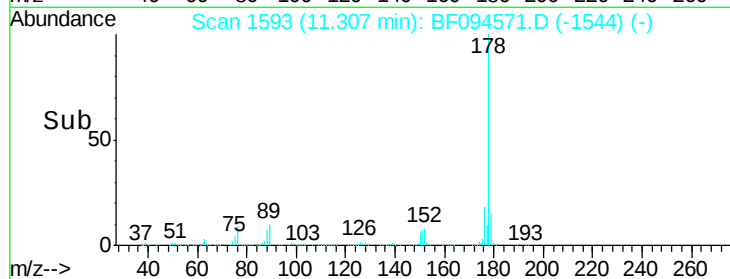
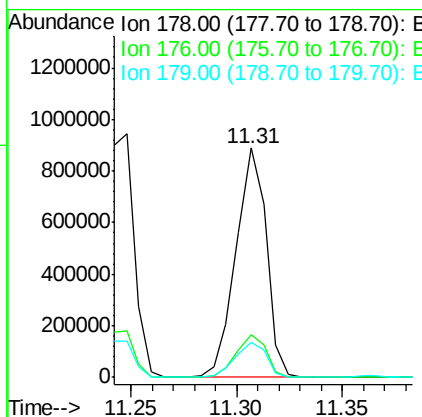
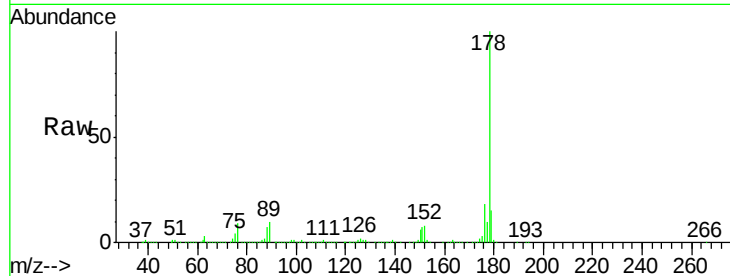
#71
 Anthracene
 Concen: 44.02 ng
 RT: 11.31 min Scan# 1593
 Delta R.T. -0.01 min
 Lab File: BF094571.D
 Acq: 21 Apr 2017 19:14

Instrument :
 BNA_F
 ClientSampleId :
 BL-1(3)MS

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.4	15.8	23.8
179	15.3	12.7	19.1

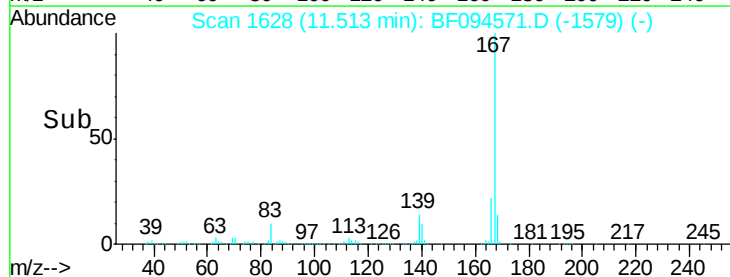
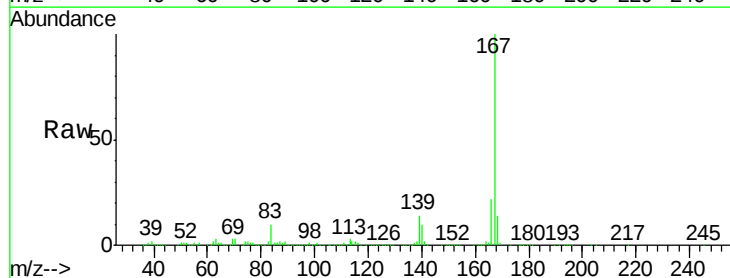
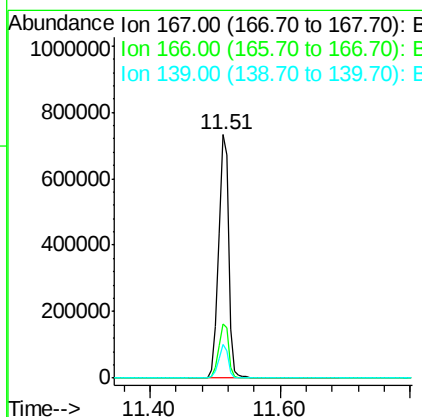
Manual Integrations
 APPROVED

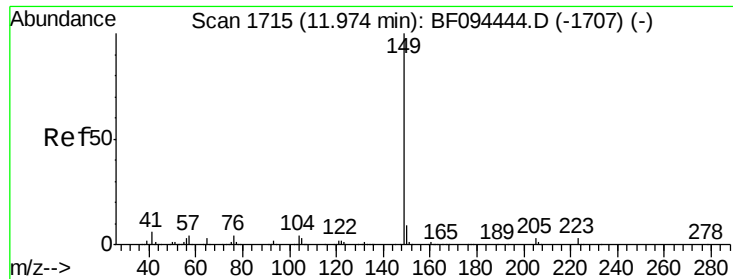
mohammad
 4/24/2017 5:13:23 PM



#72
 Carbazole
 Concen: 41.69 ng
 RT: 11.51 min Scan# 1628
 Delta R.T. -0.01 min
 Lab File: BF094571.D
 Acq: 21 Apr 2017 19:14

Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.2	18.1	27.1
139	13.7	11.7	17.5





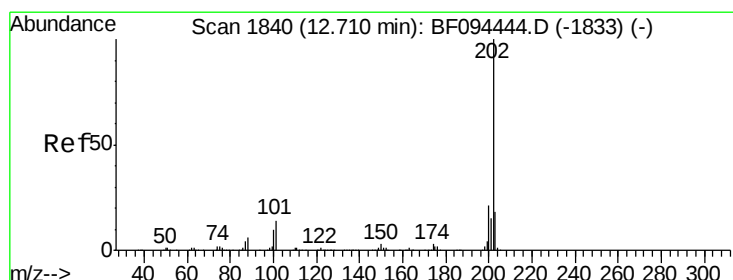
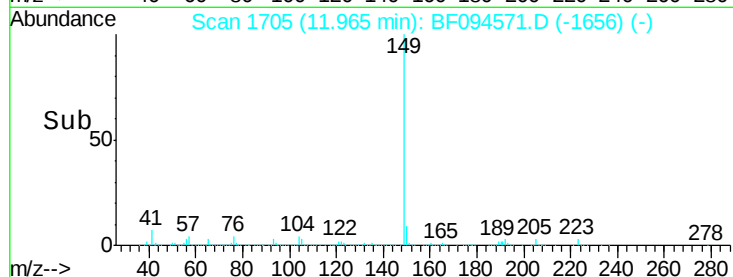
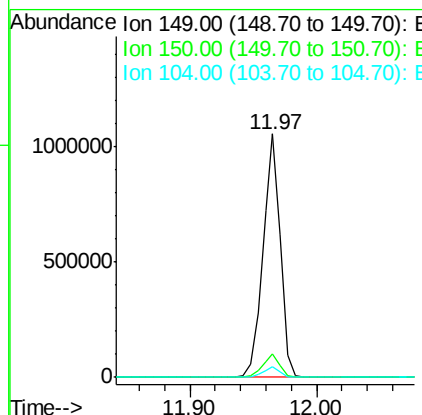
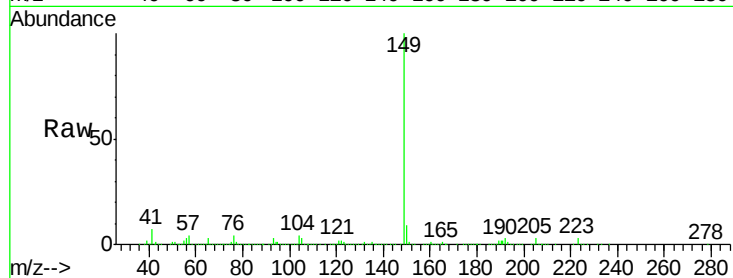
#73
Di-n-butylphthalate
Concen: 48.15 ng
RT: 11.97 min Scan# 1705
Delta R.T. -0.01 min
Lab File: BF094571.D
Acq: 21 Apr 2017 19:14

Instrument :
BNA_F
ClientSampleId :
BL-1(3)MS

Tot Ion	Ratio	Resp Lower	Upper
149	100		
150	9.4	7.7	11.5
104	4.3	4.0	6.0

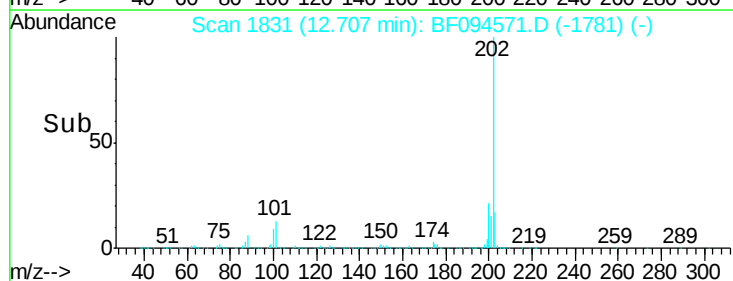
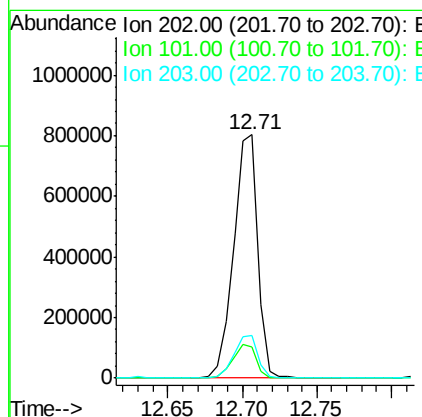
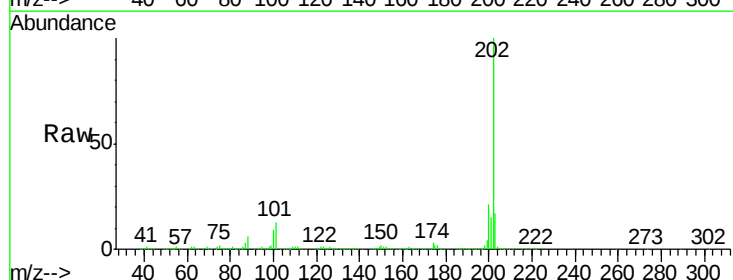
Manual Integrations
APPROVED

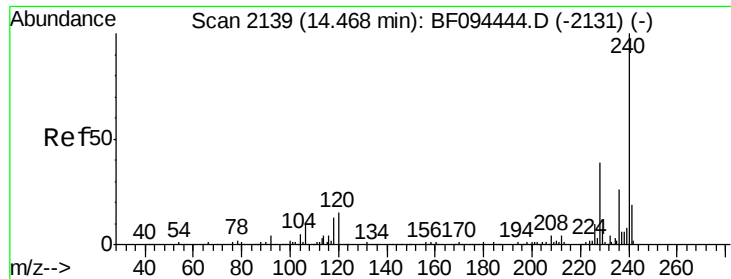
mohammad
4/24/2017 5:13:23 PM



#74
Fluoranthene
Concen: 45.15 ng
RT: 12.71 min Scan# 1831
Delta R.T. -0.00 min
Lab File: BF094571.D
Acq: 21 Apr 2017 19:14

Tgt Ion	Ratio	Resp Lower	Upper
202	100		
101	12.5	0.0	33.2
203	17.5	0.0	38.1





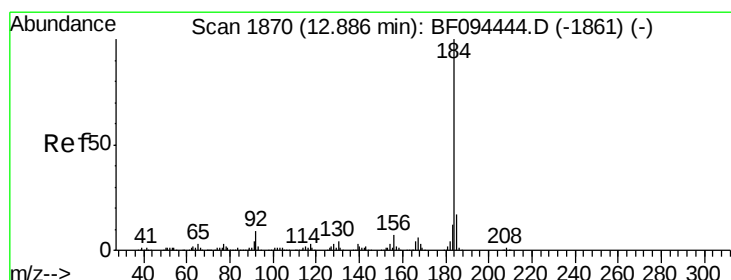
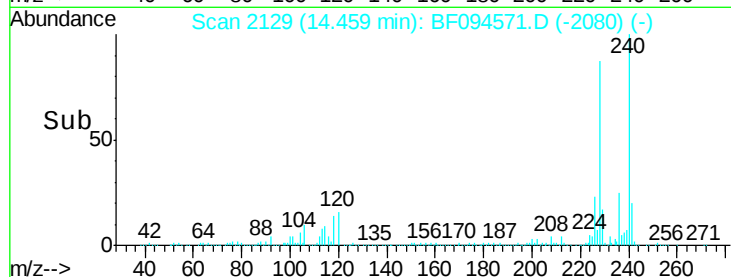
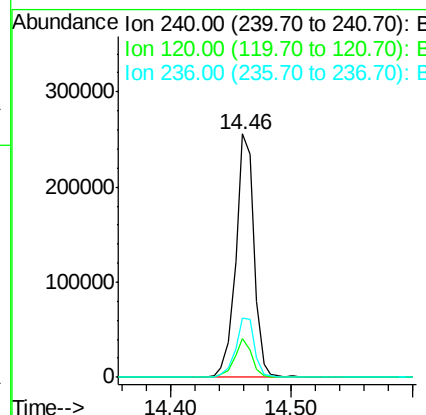
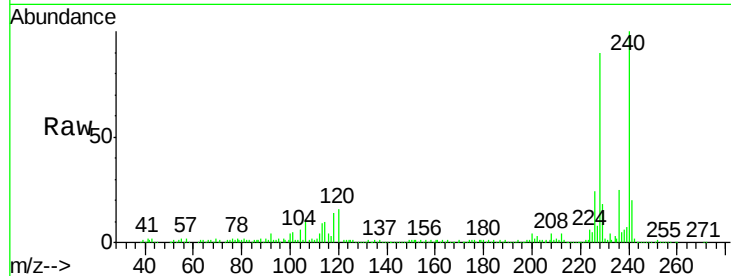
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.46 min Scan# 2129
Delta R.T. -0.01 min
Lab File: BF094571.D
Acq: 21 Apr 2017 19:14

Instrument :
BNA_F
ClientSampleId :
BL-1(3)MS

Tot Ion	Ratio	Lower	Upper
240	100		
120	15.8	5.8	8.8#
236	24.6	20.5	30.7

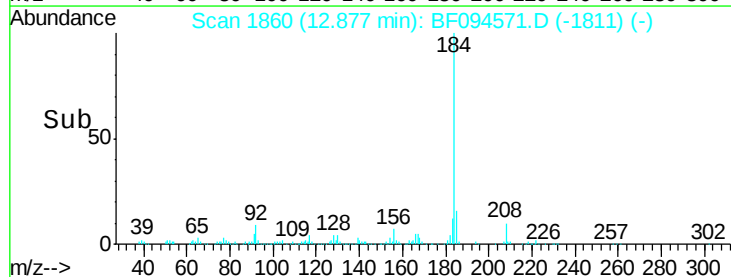
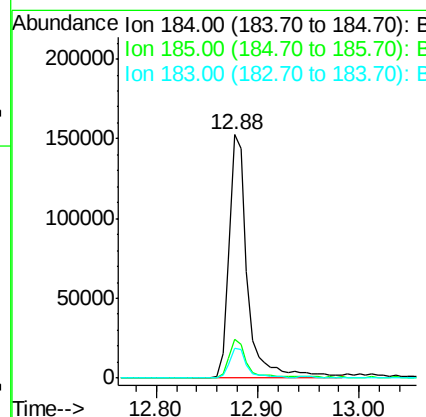
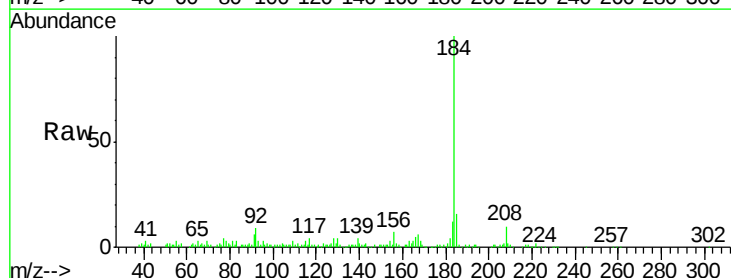
Manual Integrations
APPROVED

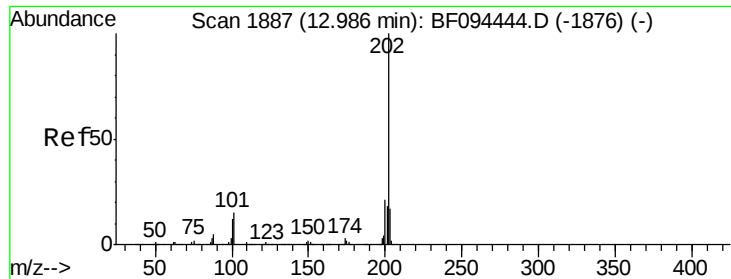
mohammad
4/24/2017 5:13:23 PM



#76
Benzidine
Concen: 17.69 ng
RT: 12.88 min Scan# 1860
Delta R.T. -0.01 min
Lab File: BF094571.D
Acq: 21 Apr 2017 19:14

Tgt Ion	Ratio	Lower	Upper
184	100		
185	16.0	15.5	23.3
183	12.4	9.8	14.6





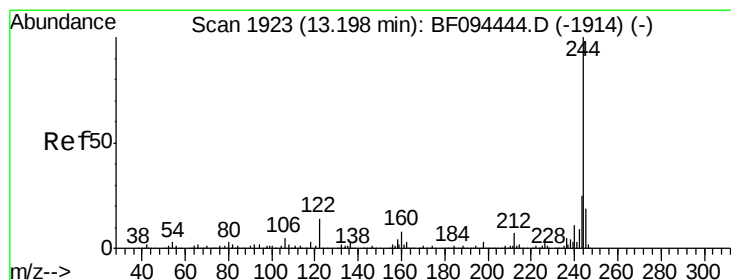
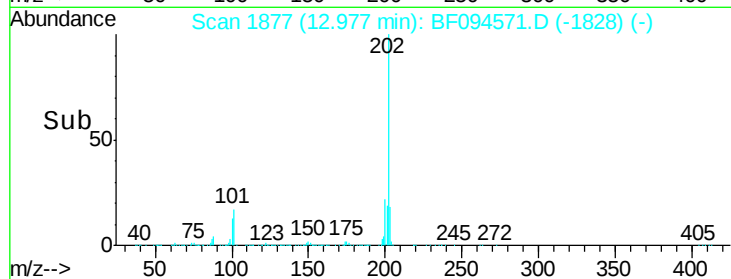
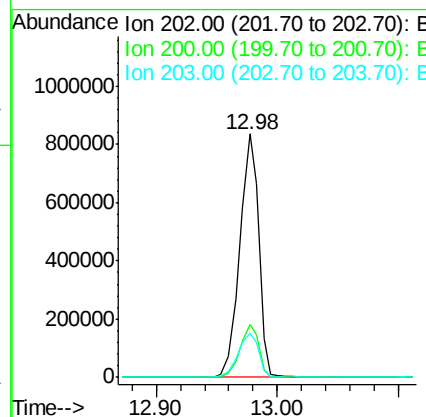
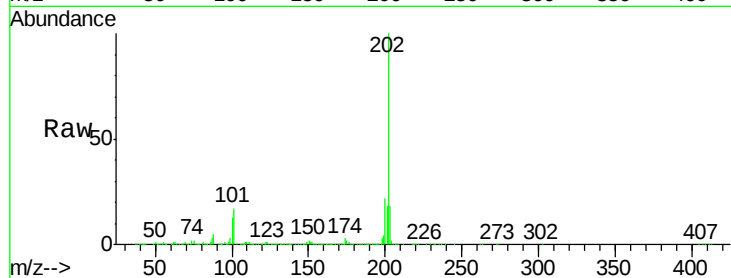
#77
Pvrene
Concen: 48.56 ng
RT: 12.98 min Scan# 1877
Delta R.T. -0.01 min
Lab File: BF094571.D
Acq: 21 Apr 2017 19:14

Instrument :
BNA_F
ClientSampleID :
BL-1(3)MS

Tot Ion	Ratio	Lower	Upper
202	100		
200	21.7	17.6	26.4
203	18.2	14.4	21.6

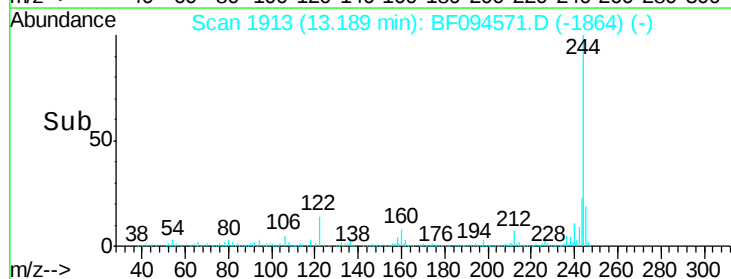
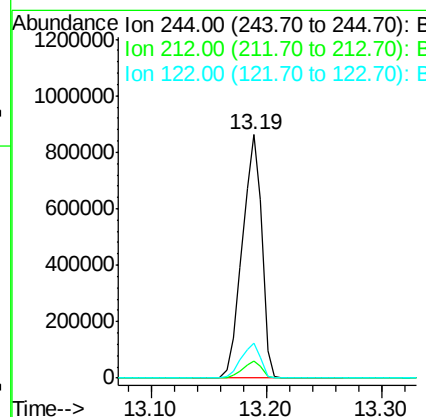
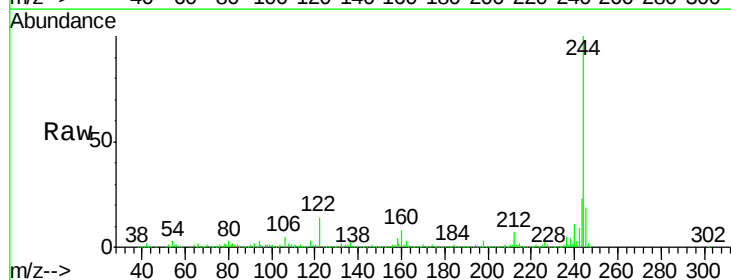
Manual Integrations
APPROVED

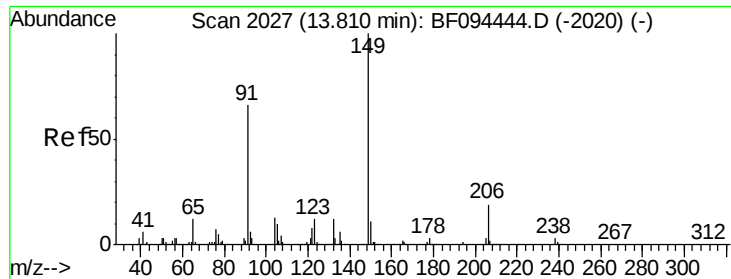
mohammad
4/24/2017 5:13:23 PM



#78
Terphenyl-d14
Concen: 99.42 ng
RT: 13.19 min Scan# 1913
Delta R.T. -0.01 min
Lab File: BF094571.D
Acq: 21 Apr 2017 19:14

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.0	6.0	9.0
122	14.3	10.3	15.5





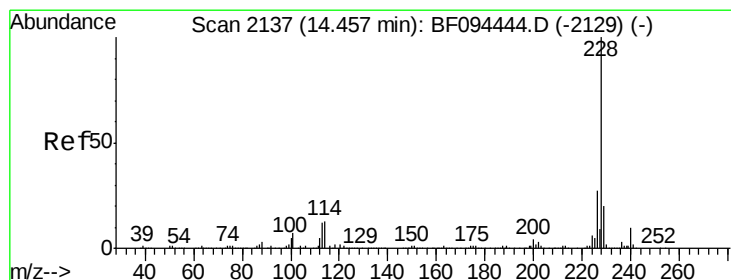
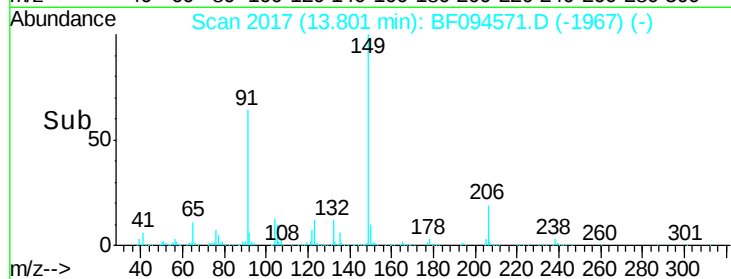
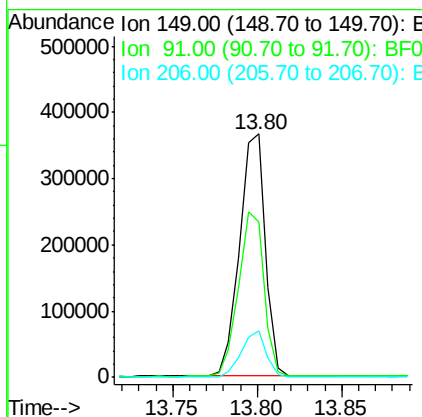
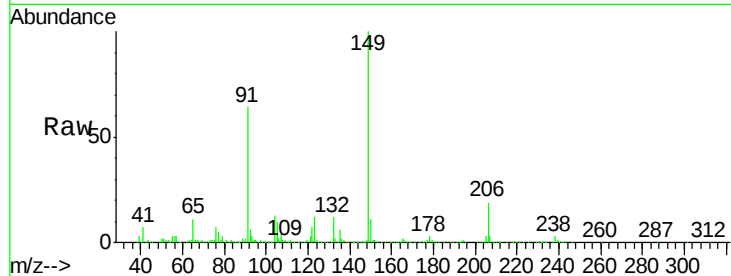
#79
Butylbenzylphthalate
Concen: 47.12 ng
RT: 13.80 min Scan# 2017
Delta R.T. -0.01 min
Lab File: BF094571.D
Acq: 21 Apr 2017 19:14

Instrument :
BNA_F
ClientSampleId :
BL-1(3)MS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	389635		
91	63.8	45.0	67.4	
206	19.2	17.0	25.6	

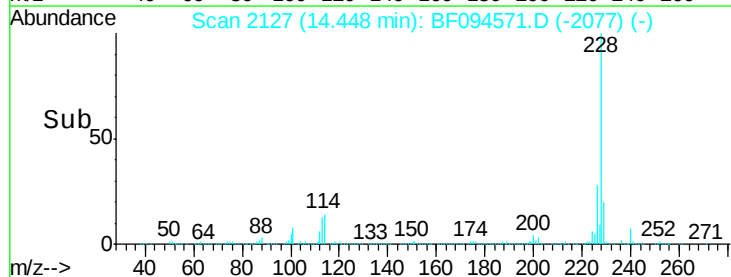
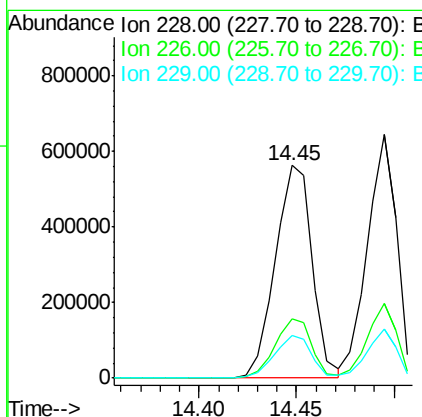
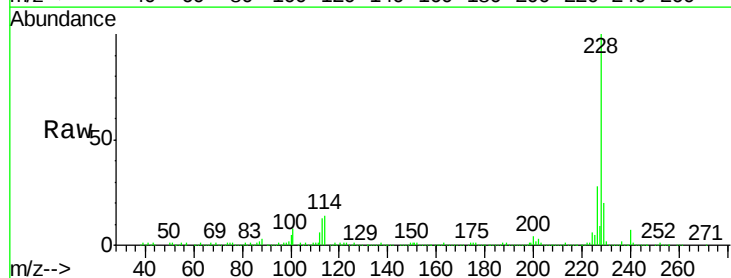
Manual Integrations
APPROVED

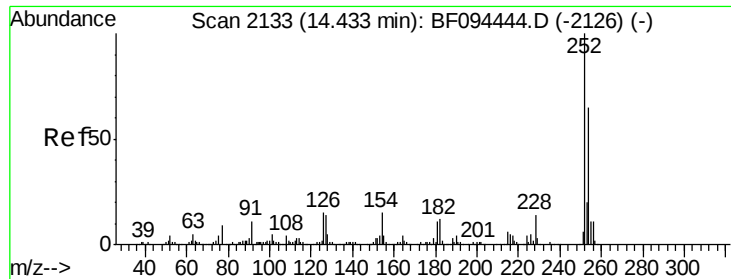
mohammad
4/24/2017 5:13:23 PM



#80
Benzo(a)anthracene
Concen: 46.79 ng
RT: 14.45 min Scan# 2127
Delta R.T. -0.01 min
Lab File: BF094571.D
Acq: 21 Apr 2017 19:14

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	734333		
226	27.7	22.6	33.8	
229	20.4	16.3	24.5	





#81

3,3'-Dichlorobenzidine

Concen: 31.64 ng

RT: 14.42 min Scan# 2123

Delta R.T. -0.01 min

Lab File: BF094571.D

Acq: 21 Apr 2017 19:14

Instrument :

BNA_F

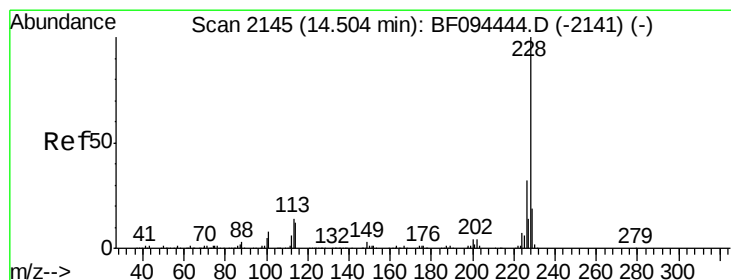
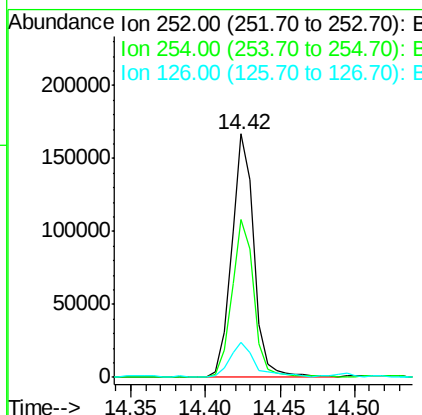
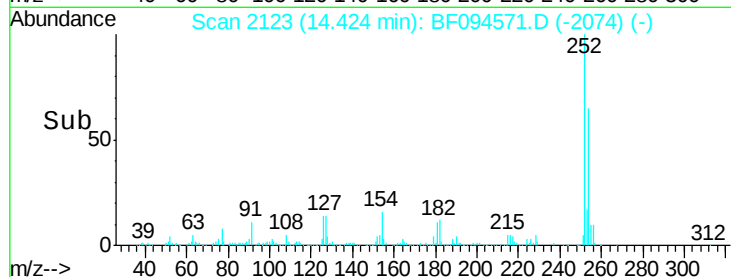
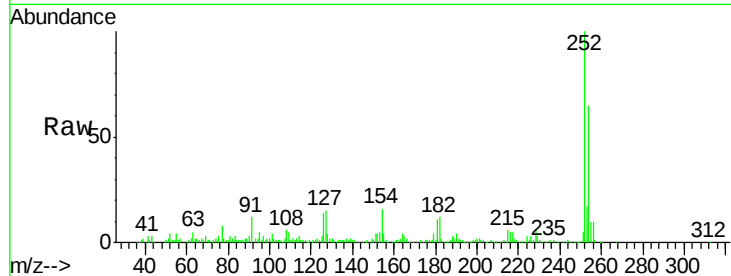
ClientSampleId :

BL-1(3)MS

Tot Ion:	252	Resp:	175825
Ion Ratio		Lower	Upper
252	100		
254	64.9	51.5	77.3
126	14.4	15.8	23.8#

Manual Integrations
APPROVED

mohammad
4/24/2017 5:13:23 PM



#82

Chrysene

Concen: 46.70 ng

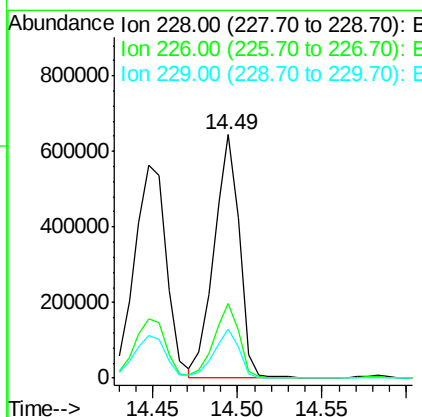
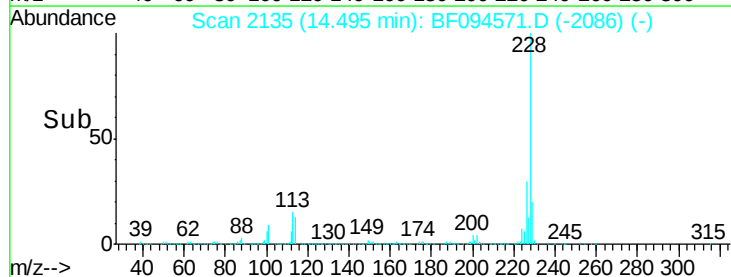
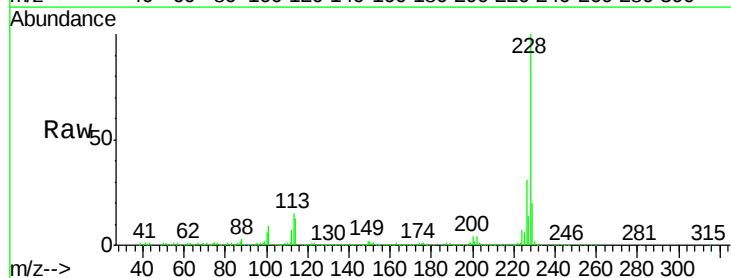
RT: 14.49 min Scan# 2135

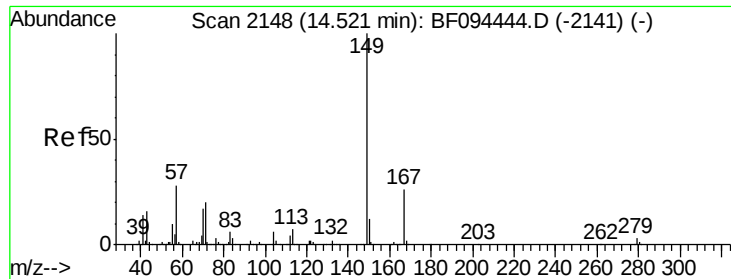
Delta R.T. -0.01 min

Lab File: BF094571.D

Acq: 21 Apr 2017 19:14

Tgt Ion:	228	Resp:	669919
Ion Ratio		Lower	Upper
228	100		
226	30.8	24.9	37.3
229	20.3	15.8	23.6





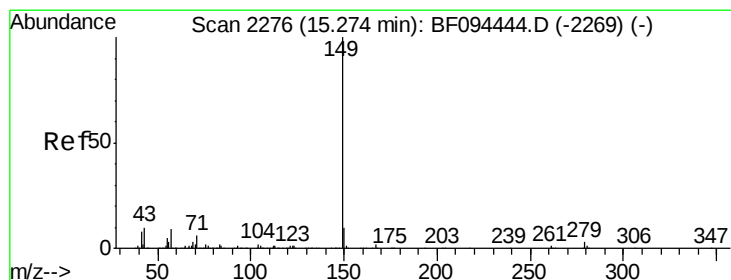
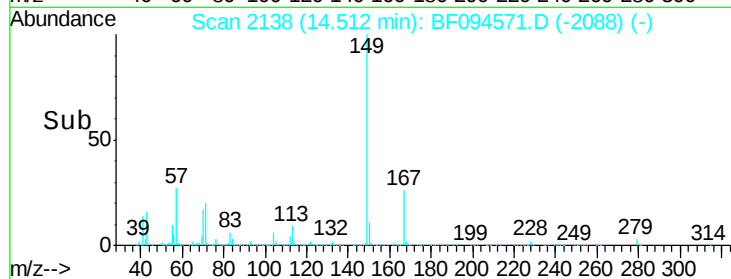
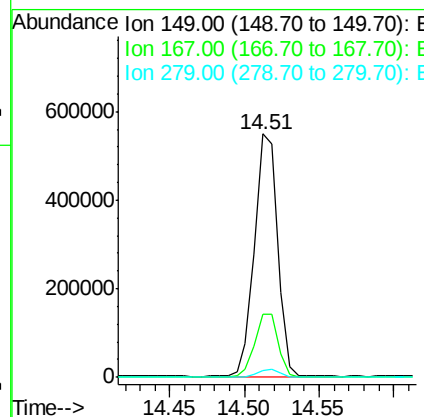
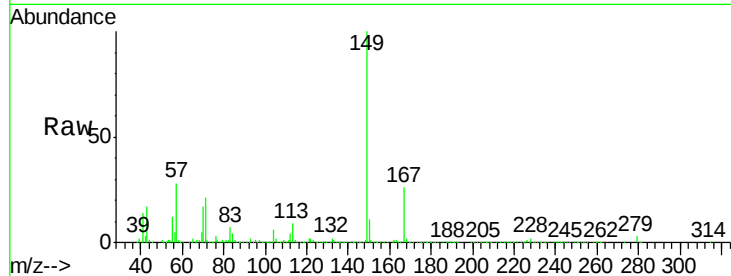
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 52.56 ng
 RT: 14.51 min Scan# 2138
 Delta R.T. -0.01 min
 Lab File: BF094571.D
 Acq: 21 Apr 2017 19:14

Instrument :
 BNA_F
 ClientSampleId :
 BL-1(3)MS

Tot Ion	Ratio	Lower	Upper
149	100		
167	26.0	21.0	31.4
279	2.8	1.9	2.9

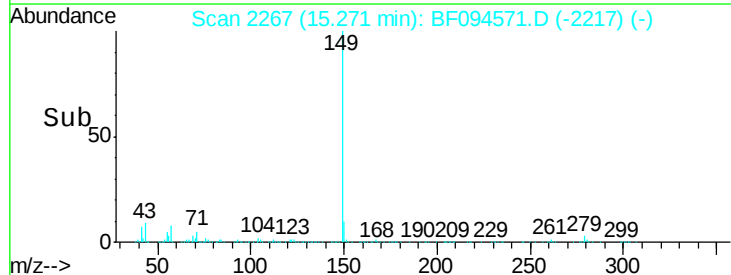
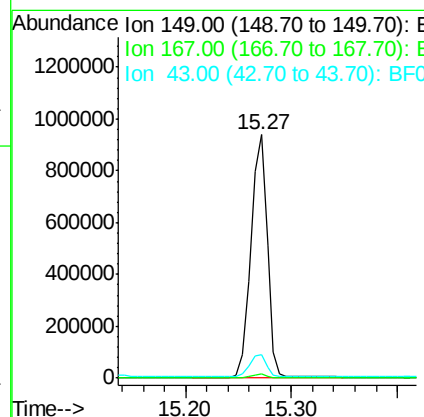
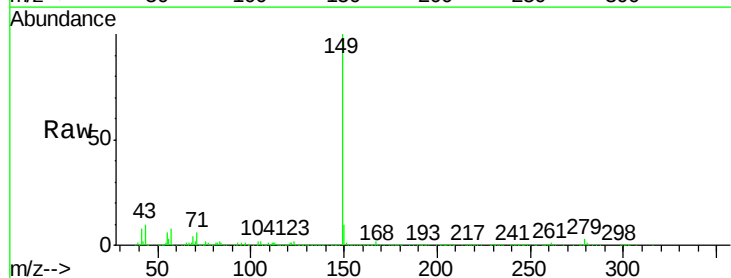
Manual Integrations
 APPROVED

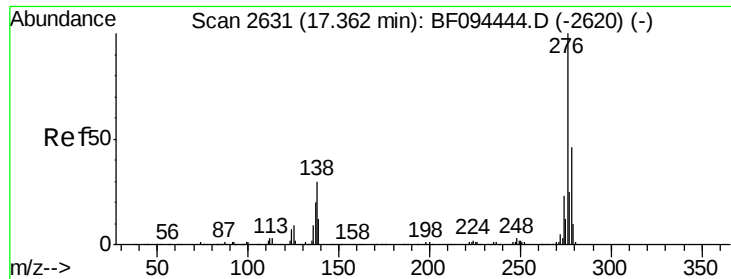
mohammad
 4/24/2017 5:13:23 PM



#84
 Di-n-octyl phthalate
 Concen: 53.75 ng
 RT: 15.27 min Scan# 2267
 Delta R.T. -0.00 min
 Lab File: BF094571.D
 Acq: 21 Apr 2017 19:14

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.2	1.8
43	9.3	8.5	12.7





#85

Indeno(1,2,3-cd)pyrene

Concen: 48.55 ng

RT: 17.37 min Scan# 2623

Delta R.T. 0.00 min

Lab File: BF094571.D

Acq: 21 Apr 2017 19:14

Instrument :

BNA_F

ClientSampleId :

BL-1(3)MS

Tot Ion:276 Resp: 662648

Ion Ratio Lower Upper

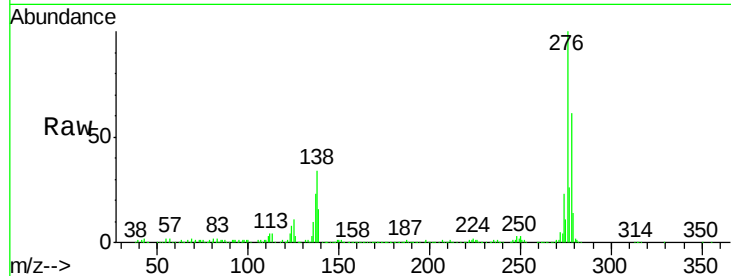
276 100

138 35.0 27.8 41.6

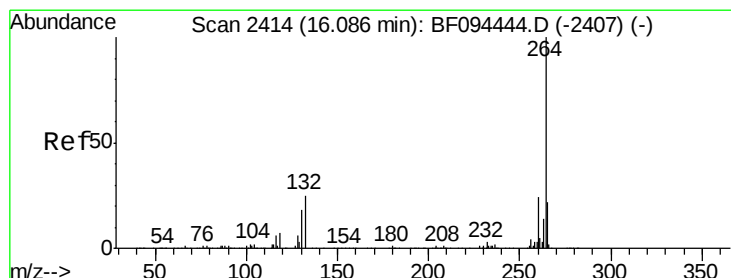
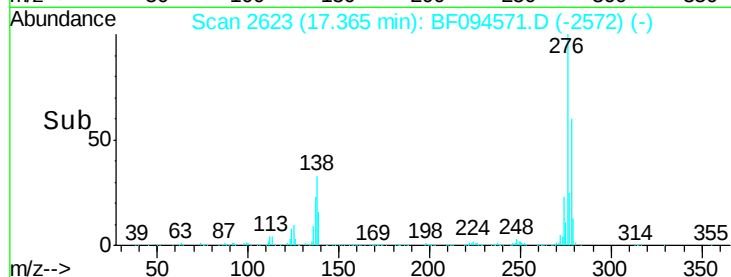
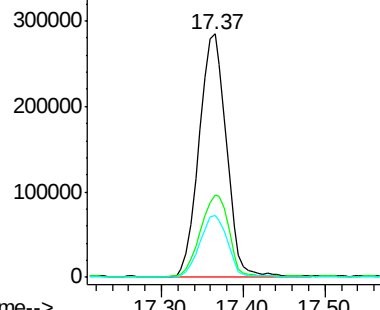
277 25.7 20.2 30.4

Manual Integrations
APPROVED

mohammad
4/24/2017 5:13:23 PM



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



#86

Perylene-d12

Concen: 20.00 ng

RT: 16.08 min Scan# 2405

Delta R.T. -0.00 min

Lab File: BF094571.D

Acq: 21 Apr 2017 19:14

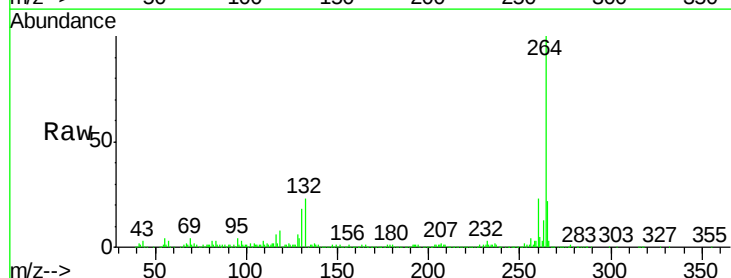
Tgt Ion:264 Resp: 272610

Ion Ratio Lower Upper

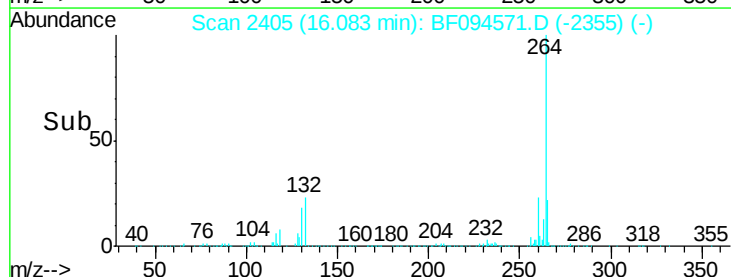
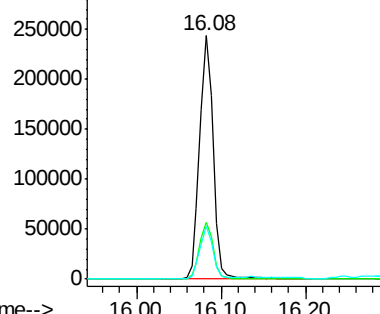
264 100

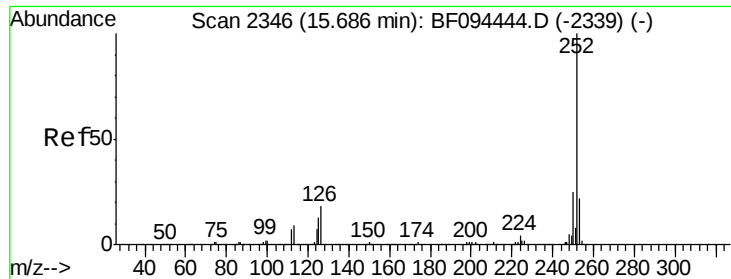
260 23.1 19.5 29.3

265 21.7 17.2 25.8



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





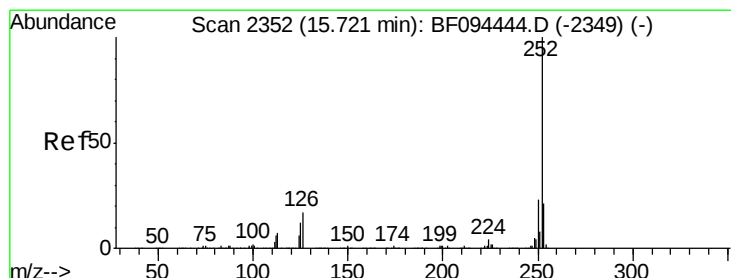
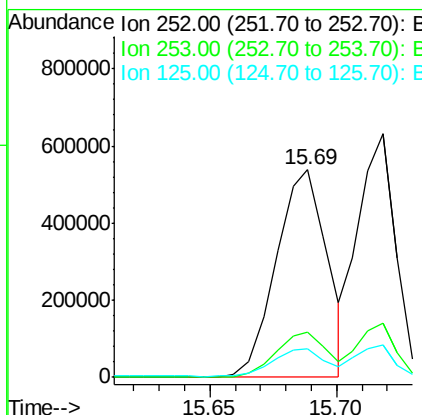
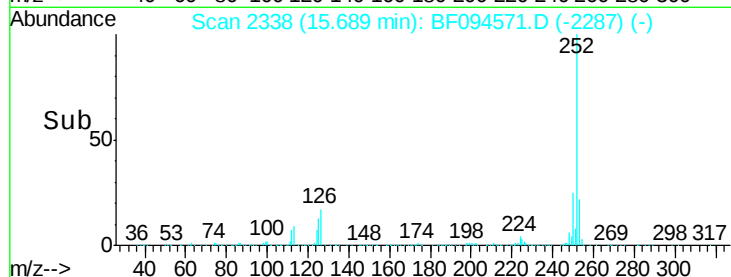
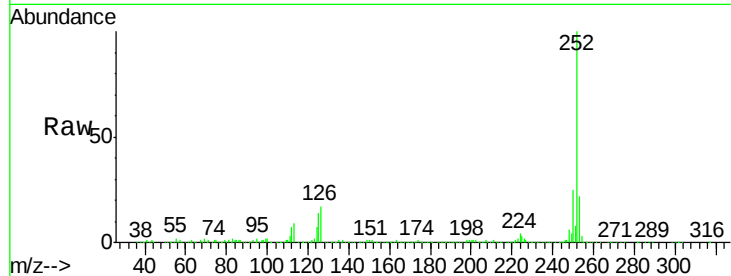
#87
Benzo(b)fluoranthene
Concen: 44.94 ng
RT: 15.69 min Scan# 2338
Delta R.T. 0.00 min
Lab File: BF094571.D
Acq: 21 Apr 2017 19:14

Instrument :
BNA_F
ClientSampleId :
BL-1(3)MS

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.8	18.1	27.1
125	13.7	9.8	14.8

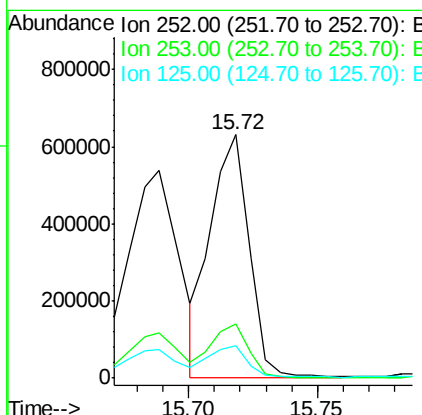
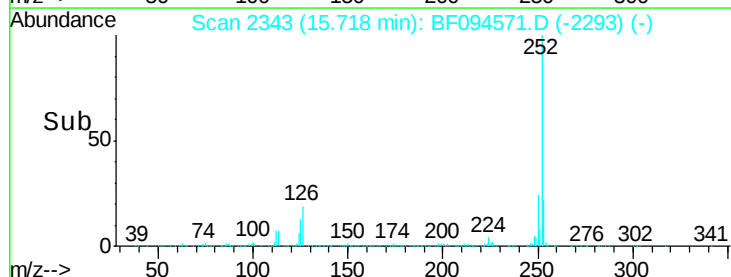
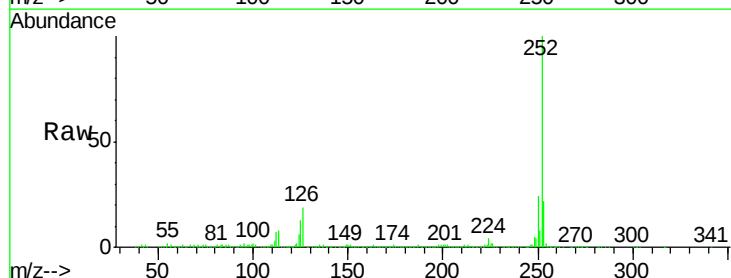
Manual Integrations
APPROVED

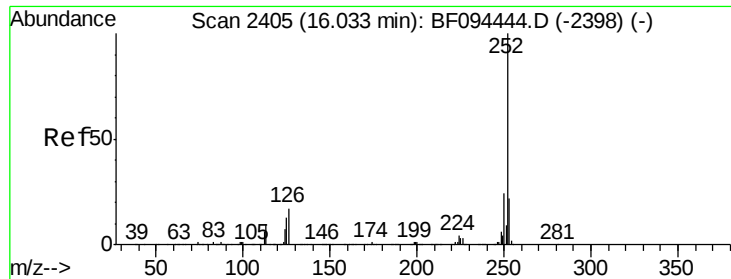
mohammad
4/24/2017 5:13:23 PM



#88
Benzo(k)fluoranthene
Concen: 41.97 ng m
RT: 15.72 min Scan# 2343
Delta R.T. -0.00 min
Lab File: BF094571.D
Acq: 21 Apr 2017 19:14

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.0	18.4	27.6
125	13.1	13.1	19.7#





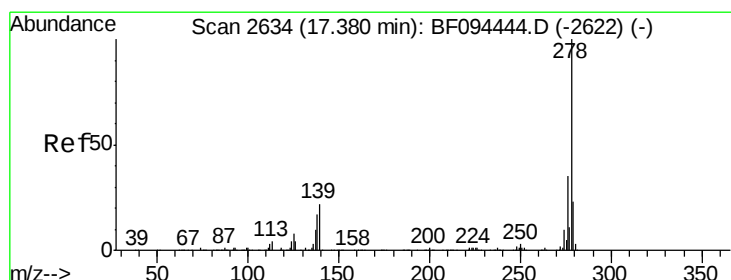
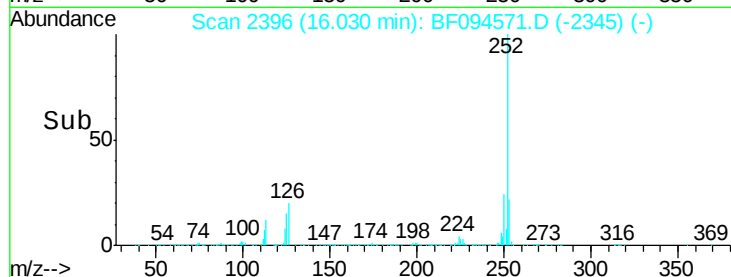
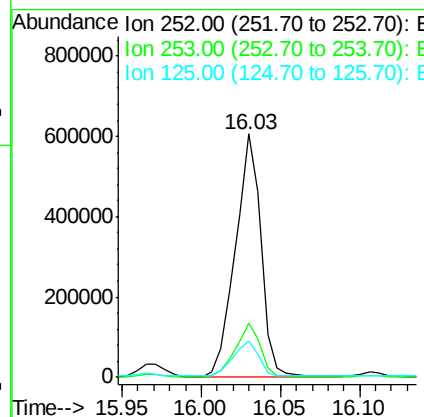
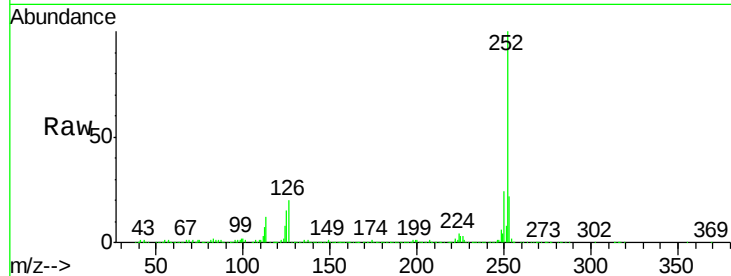
#89
Benzo(a)pyrene
Concen: 43.69 ng
RT: 16.03 min Scan# 2396
Delta R.T. -0.00 min
Lab File: BF094571.D
Acq: 21 Apr 2017 19:14

Instrument :
BNA_F
ClientSampleId :
BL-1(3)MS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.5	26.3
125	15.0	11.0	16.4

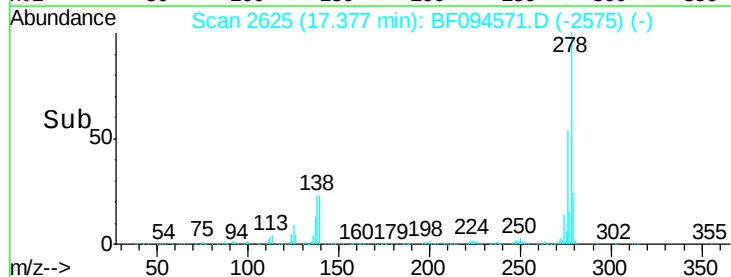
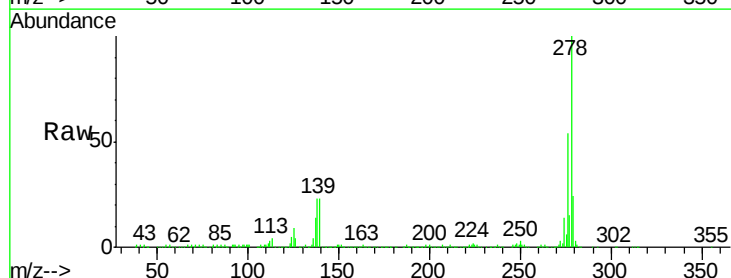
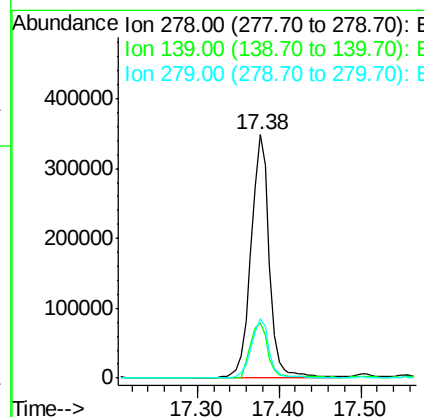
Manual Integrations
APPROVED

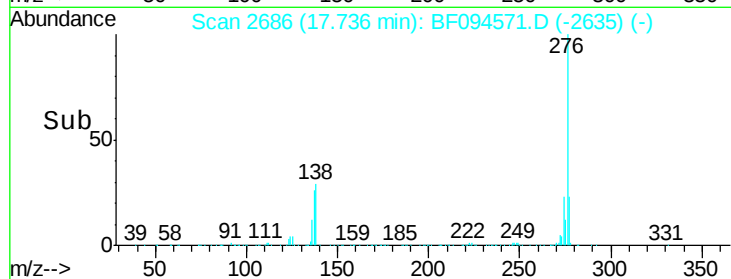
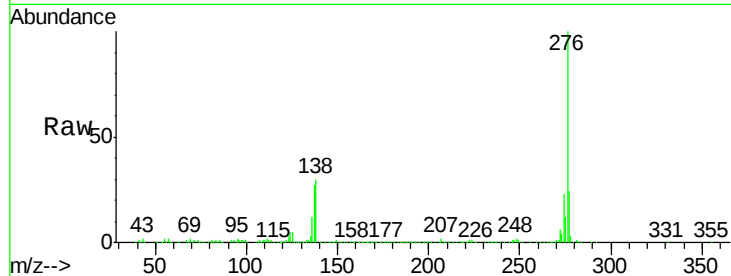
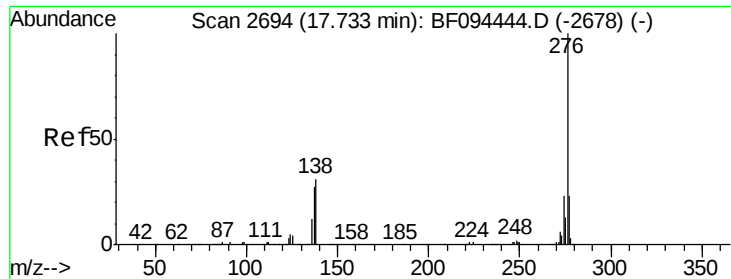
mohammad
4/24/2017 5:13:23 PM



#90
Dibenzo(a,h)anthracene
Concen: 41.90 ng
RT: 17.38 min Scan# 2625
Delta R.T. -0.00 min
Lab File: BF094571.D
Acq: 21 Apr 2017 19:14

Tgt Ion	Ratio	Lower	Upper
278	100		
139	22.8	16.6	24.8
279	24.1	19.3	28.9





#91

Benzo(a,h,i)perylene

Concen: 41.39 ng

RT: 17.74 min Scan# 2686

Delta R.T. 0.00 min

Lab File: BF094571.D

Acq: 21 Apr 2017 19:14

Tot Ion:	276	Resp:	542796
Ion Ratio	Lower	Upper	
276	100		
277	23.6	18.6	28.0
138	29.6	25.4	38.0

Instrument :

BNA_F

ClientSampleId :

BL-1(3)MS

Manual Integrations
APPROVED

mohammad
4/24/2017 5:13:23 PM

