

Data Path : Z:\HPCHEM1\BNA F\DATA\BF111414\
 Data File : BF075544.D
 Acq On : 15 Nov 2014 16:18
 Operator : TP / JJ
 Sample : F4648-01MS
 Misc :
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 REC-2-1(1.5-2.0)MS

Manual Integrations
 APPROVED

mohammad
 11/17/2014 7:36:21 PM

Quant Time: Nov 17 13:10:57 2014
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF111214.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sun Nov 16 02:30:12 2014
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.56	152	39908	20.00	ng	0.00
21) Naphthalene-d8	9.13	136	173618	20.00	ng	0.00
38) Acenaphthene-d10	11.32	164	86578	20.00	ng	0.00
63) Phenanthrene-d10	13.16	188	147715	20.00	ng	0.00
75) Chrysene-d12	16.46	240	163449	20.00	ng	0.00
86) Perylene-d12	18.23	264	180651	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.84	112	444451	196.75	ng	0.01
7) Phenol-d6	7.10	99	545927	200.96	ng	0.01
23) Nitrobenzene-d5	8.24	82	316865	133.81	ng	0.00
41) 2,4,6-Tribromophenol	12.30	330	136358	188.04	ng	0.00
44) 2-Fluorobiphenyl	10.48	172	605502	126.38	ng	0.00
78) Terphenyl-d14	15.16	244	647425	106.64	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.48	88	53835	56.77	ng	96
3) Pyridine	3.28	79	121939m	47.85	ng	
4) n-Nitrosodimethylamine	3.18	42	73590	54.56	ng	# 80
6) Aniline	7.14	93	92003	23.45	ng	94
8) 2-Chlorophenol	7.28	128	154558	59.11	ng	91
9) Benzaldehyde	7.00	77	9484	5.19	ng	96
10) Phenol	7.12	94	213527	64.43	ng	82
11) bis(2-Chloroethyl)ether	7.24	93	157074	62.58	ng	86
12) 1,3-Dichlorobenzene	7.48	146	163892	57.52	ng	97
13) 1,4-Dichlorobenzene	7.57	146	162260	55.98	ng	98
14) 1,2-Dichlorobenzene	7.76	146	156724	57.66	ng	# 92
15) Benzyl Alcohol	7.73	79	129074	60.53	ng	92
16) 2,2'-oxybis(1-Chloropropan	7.91	45	307609	59.20	ng	94
17) 2-Methylphenol	7.86	107	123681	57.14	ng	97
18) Hexachloroethane	8.17	117	57971	58.32	ng	97
19) n-Nitroso-di-n-propylamine	8.06	70	106950	57.78	ng	96
20) 3+4-Methylphenols	8.06	107	161451	56.97	ng	96
22) Acetophenone	8.06	105	228318	60.96	ng	# 92
24) Nitrobenzene	8.26	77	174036	63.42	ng	97
25) Isophorone	8.56	82	310889	57.50	ng	97
26) 2-Nitrophenol	8.65	139	73918	59.11	ng	97
27) 2,4-Dimethylphenol	8.71	122	128055	52.84	ng	97
28) bis(2-Chloroethoxy)methane	8.84	93	194576	59.05	ng	99
29) 2,4-Dichlorophenol	8.96	162	122920	57.89	ng	94
30) 1,2,4-Trichlorobenzene	9.06	180	124050	55.64	ng	97
31) Naphthalene	9.16	128	460483	59.49	ng	100
32) Benzoic acid	8.78	122	26081	17.81	ng	99
33) 4-Chloroaniline	9.22	127	68288	20.30	ng	93
34) Hexachlorobutadiene	9.32	225	60949	50.59	ng	98
35) Caprolactam	9.64	113	43547	61.89	ng	96
36) 4-Chloro-3-methylphenol	9.83	107	139871	60.04	ng	96
37) 2-Methylnaphthalene	10.01	142	307141	58.16	ng	98
39) 1,2,4,5-Tetrachlorobenzene	10.22	216	113046	63.52	ng	97
40) Hexachlorocyclopentadiene	10.21	237	118917	110.00	ng	99

Data Path : Z:\HPCHEM1\BNA F\DATA\BF111414\
 Data File : BF075544.D
 Acq On : 15 Nov 2014 16:18
 Operator : TP / JJ
 Sample : F4648-01MS
 Misc :
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 REC-2-1(1.5-2.0)MS

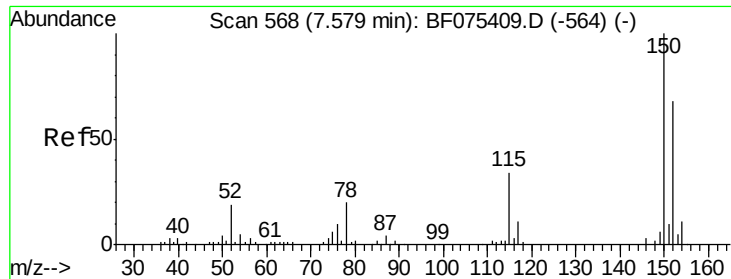
Manual Integrations
 APPROVED

mohammad
 11/17/2014 7:36:21 PM

Quant Time: Nov 17 13:10:57 2014
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF111214.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sun Nov 16 02:30:12 2014
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	10.37	196	83178	58.77	nq	99
43) 2,4,5-Trichlorophenol	10.41	196	88927	60.33	nq	# 94
45) 1,1'-Biphenyl	10.60	154	348053	59.60	nq	99
46) 2-Chloronaphthalene	10.62	162	290968	63.72	nq	99
47) 2-Nitroaniline	10.74	65	90937	66.19	nq	92
48) Acenaphthylene	11.13	152	468346	62.21	nq	99
49) Dimethylphthalate	10.99	163	352793	59.61	nq	100
50) 2,6-Dinitrotoluene	11.05	165	69024	59.21	nq	86
51) Acenaphthene	11.35	154	300022	66.02	nq	98
52) 3-Nitroaniline	11.26	138	61992	45.10	nq	# 92
53) 2,4-Dinitrophenol	11.39	184	54648	82.52	nq	85
54) Dibenzofuran	11.57	168	391589	60.29	nq	94
55) 4-Nitrophenol	11.47	139	141798	129.05	nq	88
56) 2,4-Dinitrotoluene	11.56	165	100386	65.55	nq	95
57) Fluorene	11.99	166	323343	61.56	nq	99
58) 2,3,4,6-Tetrachlorophenol	11.72	232	70906	60.61	nq	# 98
59) Diethylphthalate	11.87	149	332004	54.06	nq	97
60) 4-Chlorophenyl-phenylether	12.00	204	134565	59.58	nq	89
61) 4-Nitroaniline	12.01	138	76947	56.00	nq	88
62) Azobenzene	12.20	77	313167	57.96	nq	90
64) 4,6-Dinitro-2-methylphenol	12.05	198	40872	54.71	nq	# 47
65) n-Nitrosodiphenylamine	12.15	169	270302	57.85	nq	99
66) 4-Bromophenyl-phenylether	12.61	248	79779	57.41	nq	# 85
67) Hexachlorobenzene	12.68	284	93566	59.29	nq	# 83
68) Atrazine	12.81	200	79938	55.13	nq	99
69) Pentachlorophenol	12.92	266	108291	109.33	nq	97
70) Phenanthrene	13.19	178	488685	62.86	nq	99
71) Anthracene	13.26	178	494411	61.53	nq	99
72) Carbazole	13.45	167	486831	61.92	nq	98
73) Di-n-butylphthalate	13.90	149	550996	50.73	nq	99
74) Fluoranthene	14.68	202	531260	63.80	nq	91
76) Benzidine	14.85	184	154659	29.76	nq	99
77) Pyrene	14.95	202	559388	58.87	nq	99
79) Butylbenzylphthalate	15.76	149	265637	49.78	nq	# 77
80) Benzo(a)anthracene	16.45	228	524714	61.11	nq	99
81) 3,3'-Dichlorobenzidine	16.43	252	143630	45.30	nq	# 93
82) Chrysene	16.49	228	470894	63.41	nq	99
83) Bis(2-ethylhexyl)phthalate	16.48	149	382349	45.49	nq	# 97
84) Di-n-octyl phthalate	17.29	149	709498	47.95	nq	98
85) Indeno(1,2,3-cd)pyrene	19.81	276	655857m	72.80	nq	
87) Benzo(b)fluoranthene	17.77	252	566950	58.70	nq	# 95
88) Benzo(k)fluoranthene	17.81	252	526573	60.75	nq	# 94
89) Benzo(a)pyrene	18.17	252	547445	63.34	nq	# 95
90) Dibenzo(a,h)anthracene	19.83	278	556889	61.70	nq	# 94
91) Benzo(g,h,i)perylene	20.28	276	558255	64.92	nq	97

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



#1

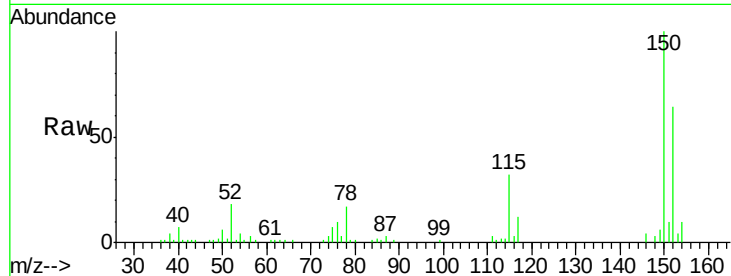
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.56 min Scan# 566
Delta R.T. 0.00 min
Lab File: BF075544.D
Acq: 15 Nov 2014 16:18

Instrument :
BNA_F
ClientSampleId :
REC-2-1(1.5-2.0)MS

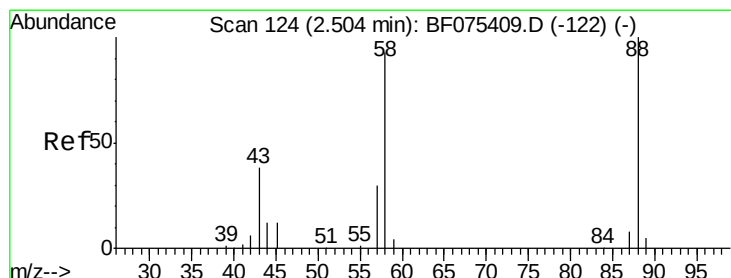
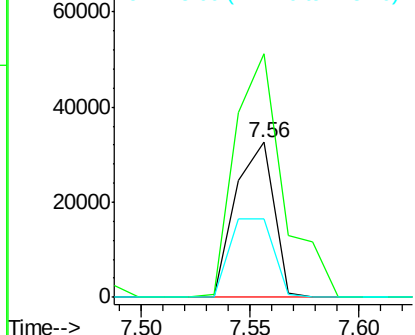
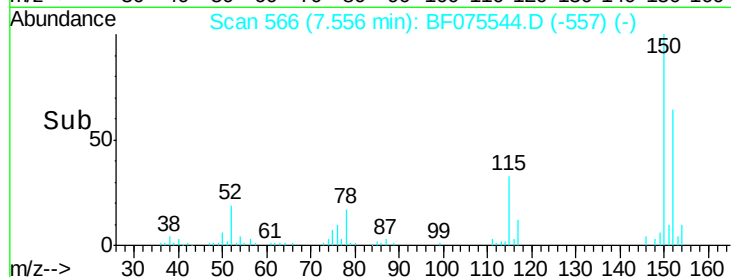
Tot Ion	Ratio	Lower	Upper
152	100		
150	157.0	127.2	190.8
115	50.7	57.1	85.7#

Manual Integrations
APPROVED

mohammad
11/17/2014 7:36:21 PM



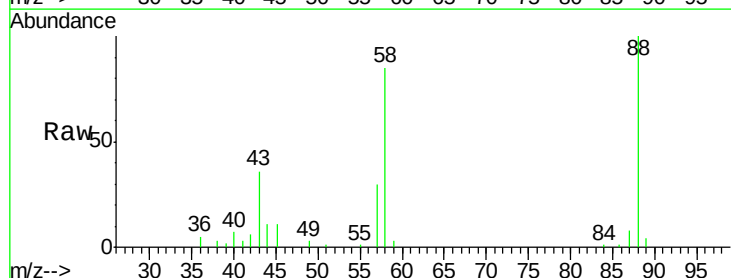
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



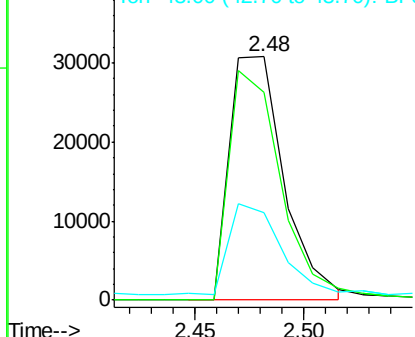
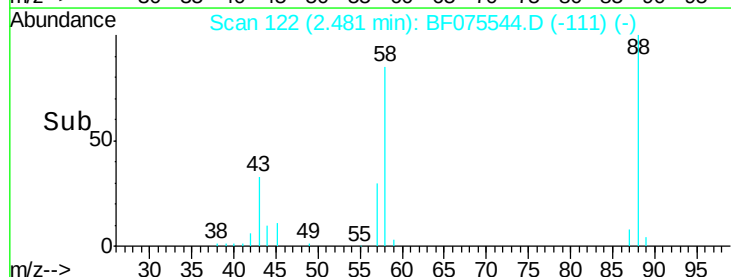
#2

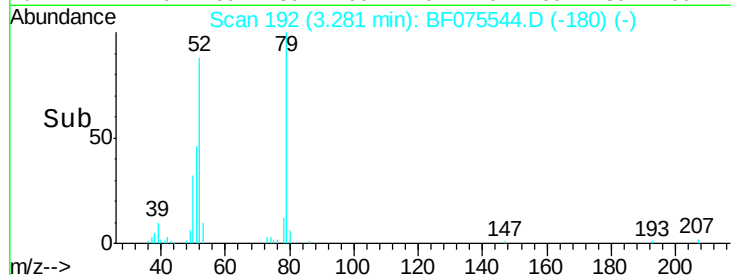
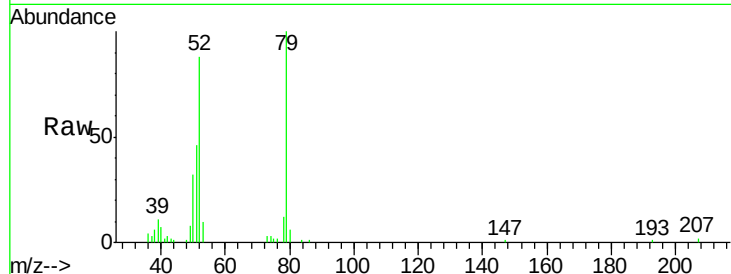
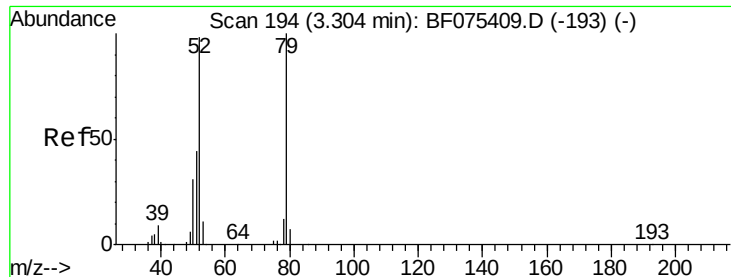
1,4-Dioxane
Concen: 56.77 ng
RT: 2.48 min Scan# 122
Delta R.T. 0.02 min
Lab File: BF075544.D
Acq: 15 Nov 2014 16:18

Tgt Ion	Ratio	Lower	Upper
88	100		
58	89.3	73.5	110.3
43	36.1	31.9	47.9



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





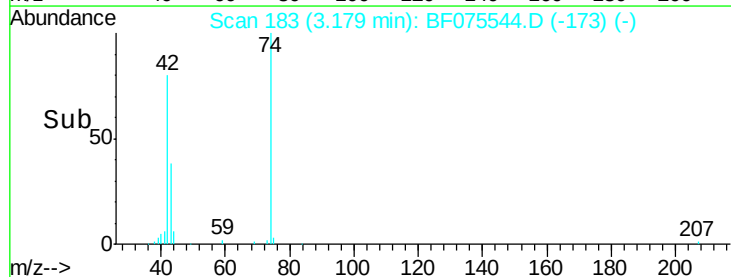
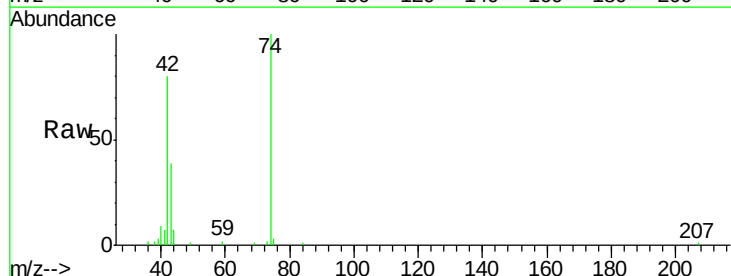
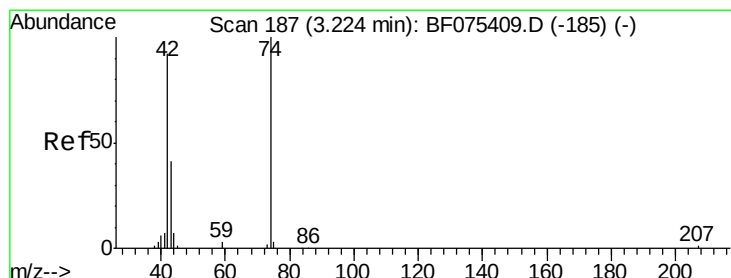
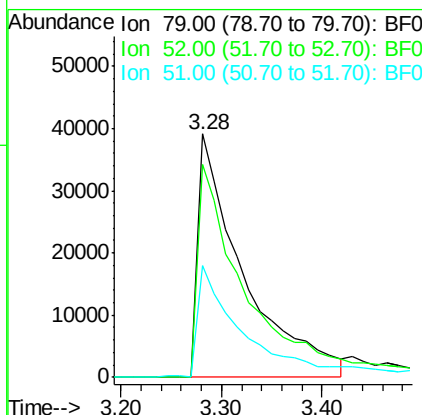
#3
Pvridine
Concen: 47.85 ng/ml
RT: 3.28 min Scan# 192
Delta R.T. 0.03 min
Lab File: BF075544.D
Acq: 15 Nov 2014 16:18

Tot Ion:	79	Resp:	121939
Ion Ratio	Lower	Upper	
79	100		
52	87.6	76.6	115.0
51	45.8	37.0	55.4

Instrument :
BNA_F
ClientSampleId :
REC-2-1(1.5-2.0)MS

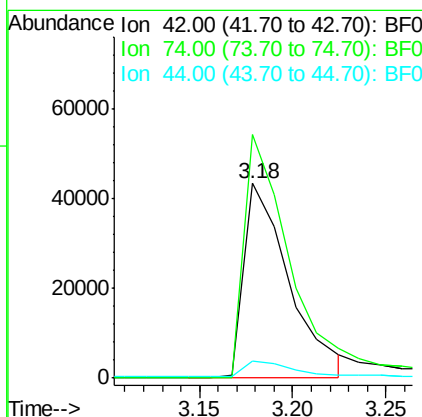
Manual Integrations
APPROVED

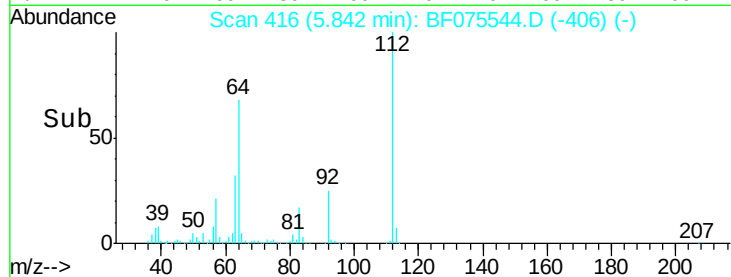
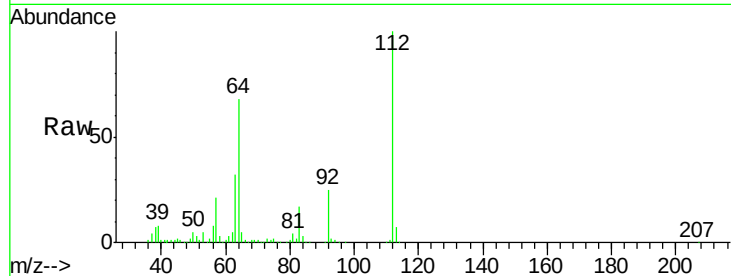
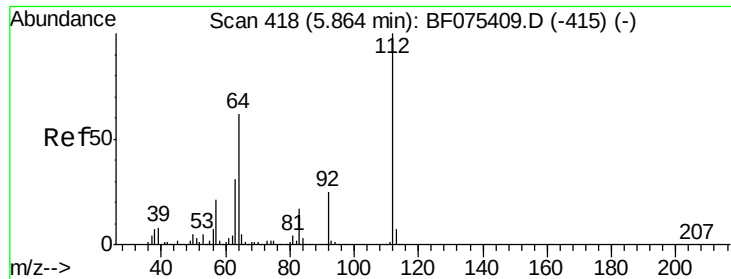
mohammad
11/17/2014 7:36:21 PM



#4
n-Nitrosodimethylamine
Concen: 54.56 ng
RT: 3.18 min Scan# 183
Delta R.T. 0.01 min
Lab File: BF075544.D
Acq: 15 Nov 2014 16:18

Tgt Ion:	42	Resp:	73590
Ion Ratio	Lower	Upper	
42	100		
74	125.0	82.4	123.6#
44	8.6	8.2	12.4





#5

2-Fluorophenol

Concen: 196.75 ng

RT: 5.84 min Scan# 416

Delta R.T. 0.01 min

Lab File: BF075544.D

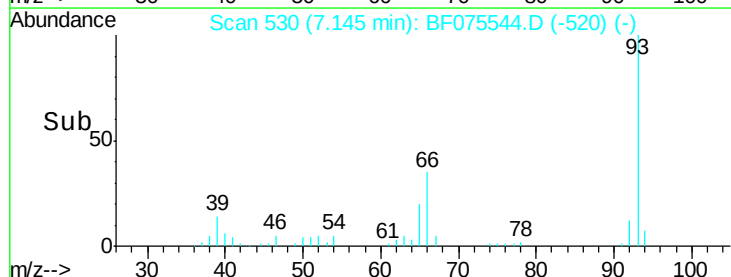
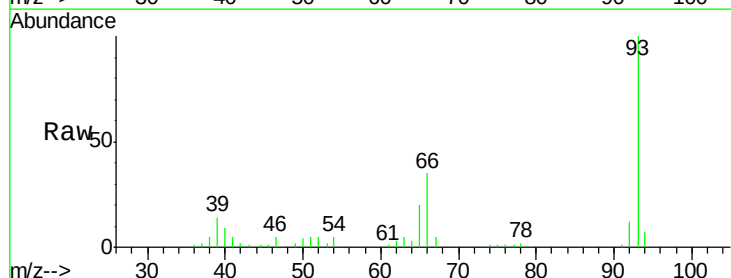
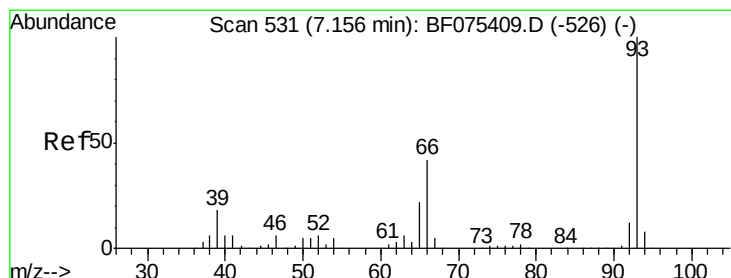
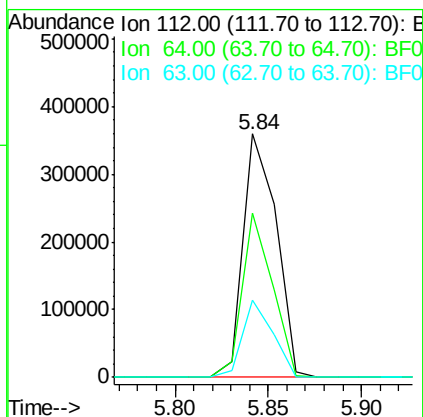
Acq: 15 Nov 2014 16:18

Tot Ion:	112	Resp:	444451
Ion Ratio	Lower	Upper	
112	100		
64	67.5	45.8	68.6
63	31.9	22.7	34.1

Instrument :
BNA_F
ClientSampleId :
REC-2-1(1.5-2.0)MS

Manual Integrations
APPROVED

mohammad
11/17/2014 7:36:21 PM



#6

Aniline

Concen: 23.45 ng

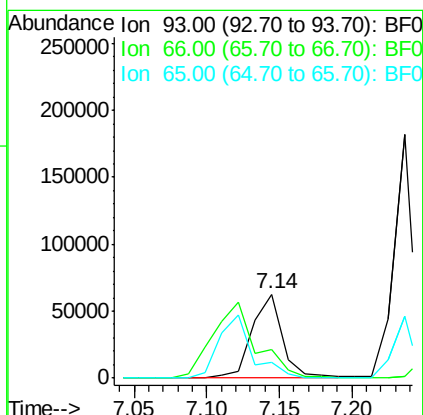
RT: 7.14 min Scan# 530

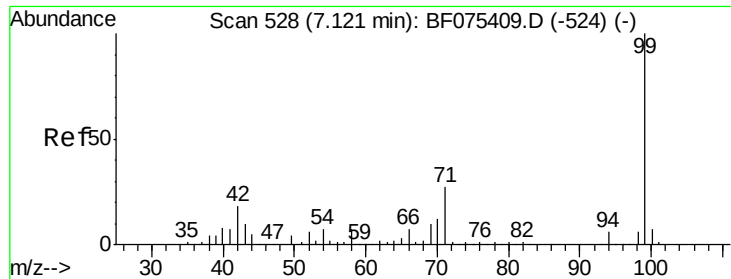
Delta R.T. 0.01 min

Lab File: BF075544.D

Acq: 15 Nov 2014 16:18

Tgt Ion:	93	Resp:	92003
Ion Ratio	Lower	Upper	
93	100		
66	34.7	31.8	47.8
65	19.6	16.6	25.0





#7

Phenol-d6

Concen: 200.96 ng

RT: 7.10 min Scan# 526

Delta R.T. 0.01 min

Lab File: BF075544.D

Acq: 15 Nov 2014 16:18

Instrument :

BNA_F

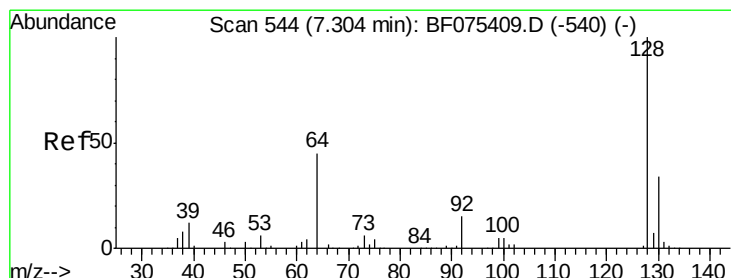
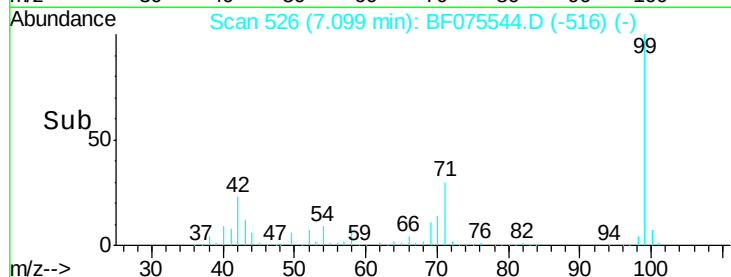
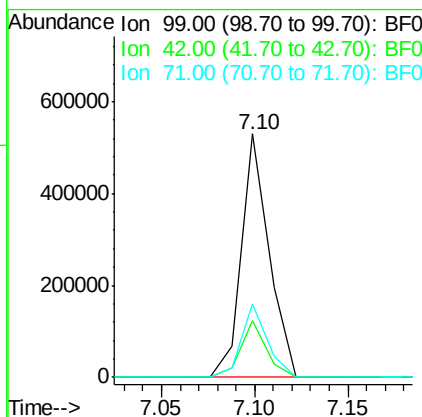
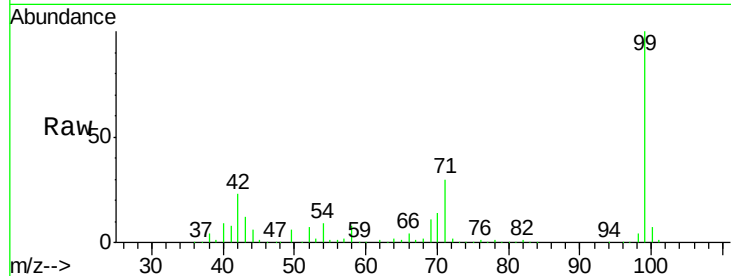
ClientSampleId :

REC-2-1(1.5-2.0)MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		545927		
42	23.3	19.8	29.6		
71	30.3	25.5	38.3		

Manual Integrations
APPROVED

mohammad
11/17/2014 7:36:21 PM



#8

2-Chlorophenol

Concen: 59.11 ng

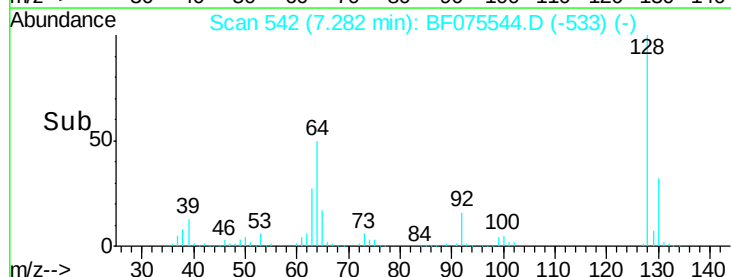
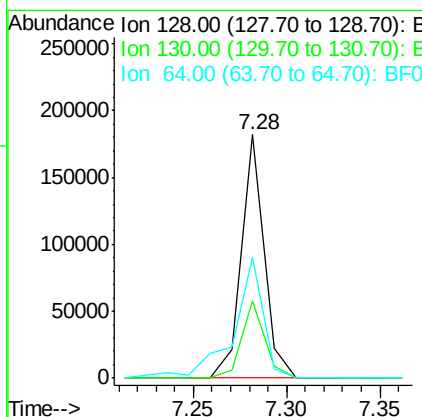
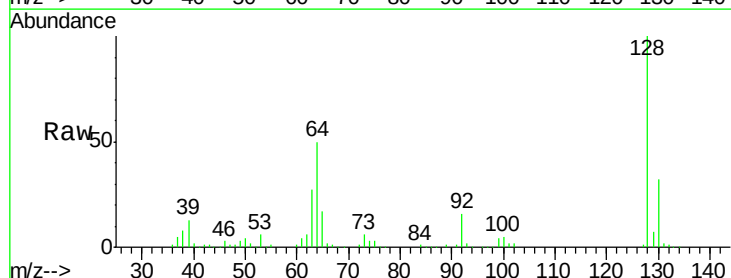
RT: 7.28 min Scan# 542

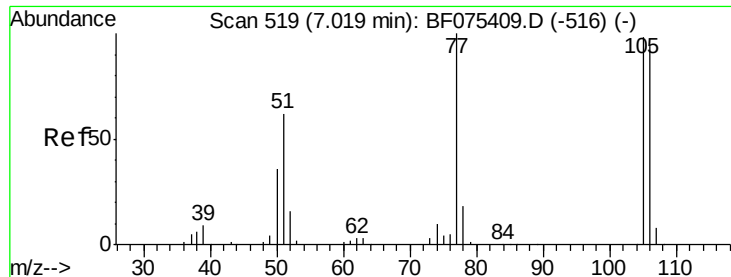
Delta R.T. 0.00 min

Lab File: BF075544.D

Acq: 15 Nov 2014 16:18

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
128	100		154558		
130	31.7	12.7	52.7		
64	49.8	20.3	60.3		





#9

Benzaldehyde

Concen: 5.19 ng

RT: 7.00 min Scan# 517

Delta R.T. 0.00 min

Lab File: BF075544.D

Acq: 15 Nov 2014 16:18

Instrument :

BNA_F

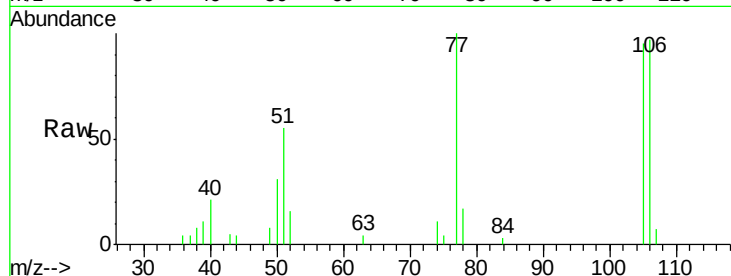
ClientSampleId :

REC-2-1(1.5-2.0)MS

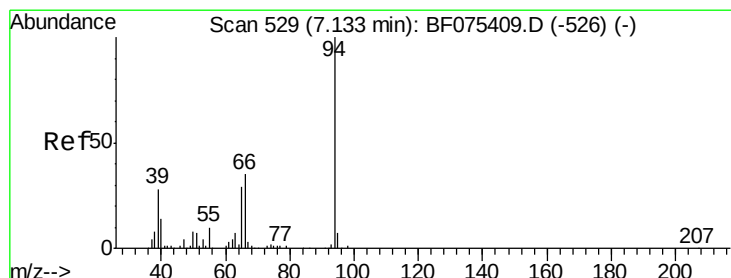
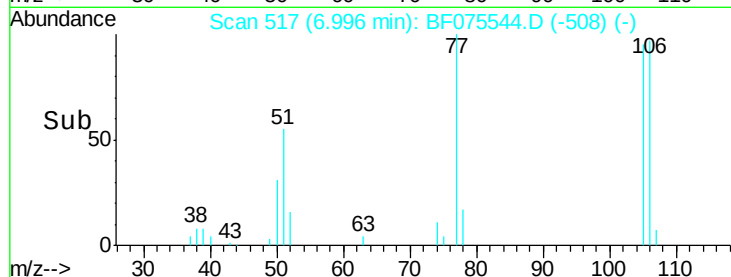
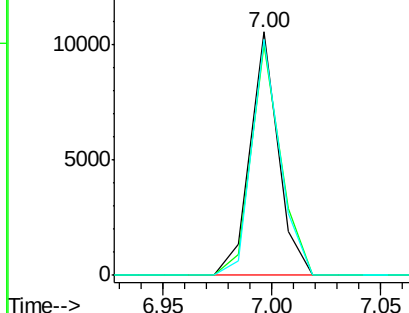
Tot Ion:	77	Resp:	9484
Ion	Ratio	Lower	Upper
77	100		
105	94.9	81.6	121.6
106	97.2	77.5	117.5

Manual Integrations
APPROVED

mohammad
11/17/2014 7:36:21 PM



Abundance Ion 77.00 (76.70 to 77.70): BF0
Ion 105.00 (104.70 to 105.70): B
Ion 106.00 (105.70 to 106.70): B



#10

Phenol

Concen: 64.43 ng

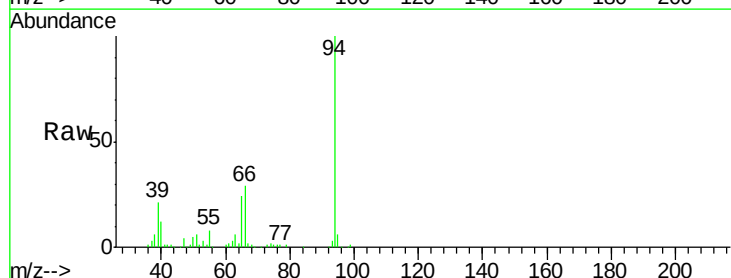
RT: 7.12 min Scan# 528

Delta R.T. 0.01 min

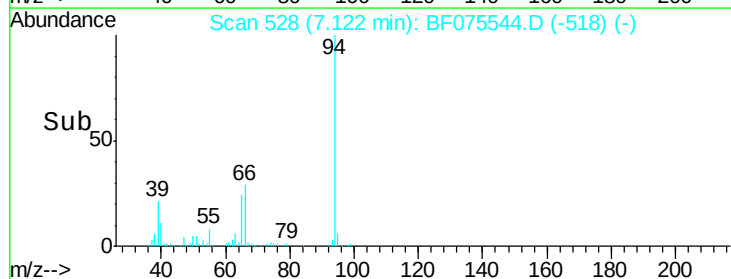
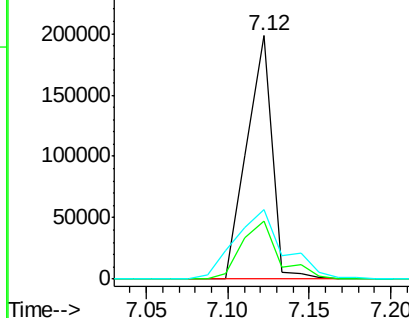
Lab File: BF075544.D

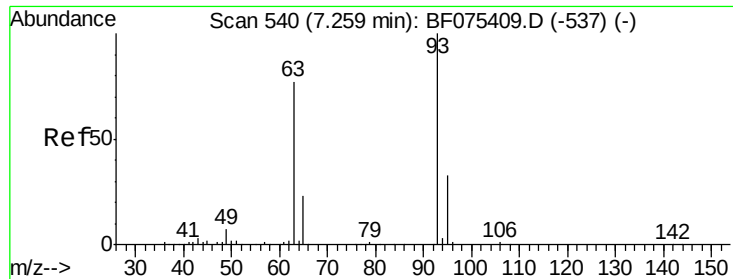
Acq: 15 Nov 2014 16:18

Tgt Ion:	94	Resp:	213527
Ion	Ratio	Lower	Upper
94	100		
65	23.7	13.1	53.1
66	28.6	20.8	60.8



Abundance Ion 94.00 (93.70 to 94.70): BF0
Ion 65.00 (64.70 to 65.70): BF0
Ion 66.00 (65.70 to 66.70): BF0





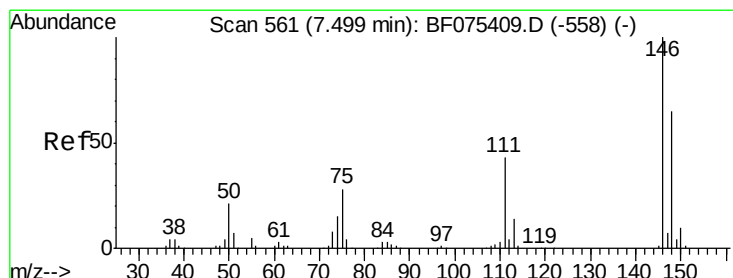
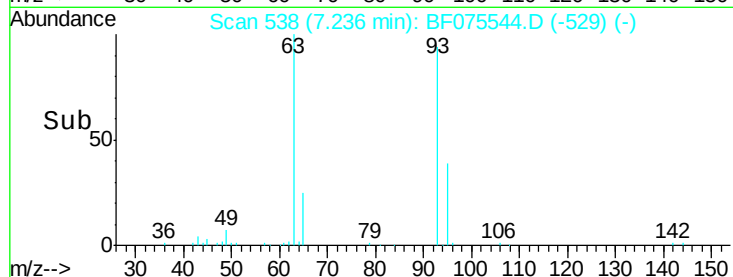
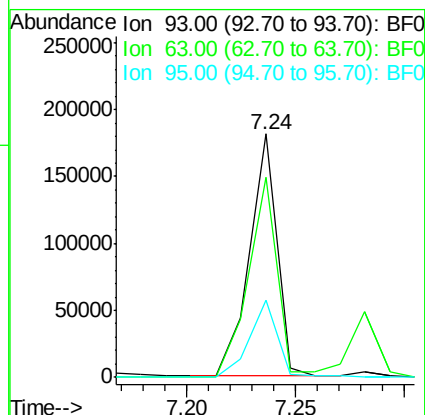
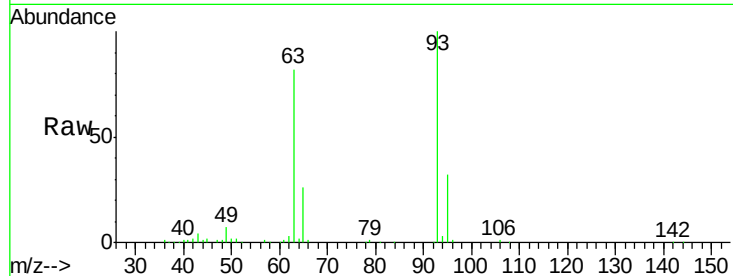
#11
bis(2-Chloroethyl)ether
Concen: 62.58 ng
RT: 7.24 min Scan# 538
Delta R.T. 0.00 min
Lab File: BF075544.D
Acq: 15 Nov 2014 16:18

Instrument :
BNA_F
ClientSampleId :
REC-2-1(1.5-2.0)MS

Tot Ion:	93	Resp:	157074
Ion Ratio	Lower	Upper	
93	100		
63	82.3	79.8	119.8
95	31.9	11.2	51.2

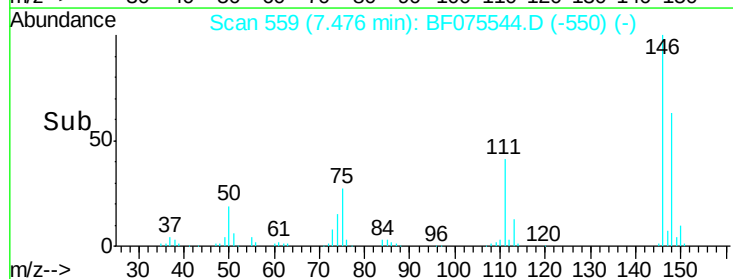
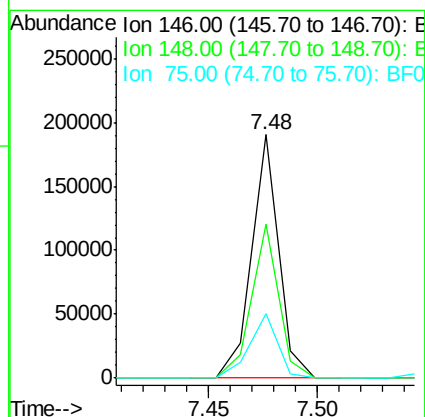
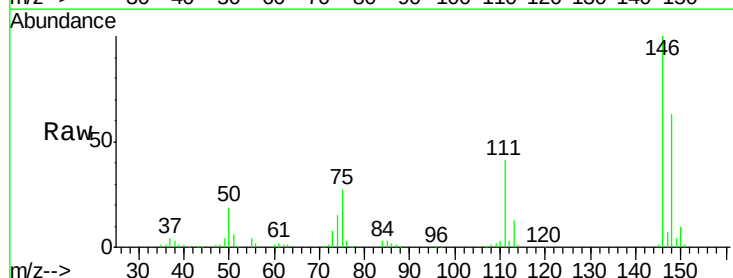
Manual Integrations
APPROVED

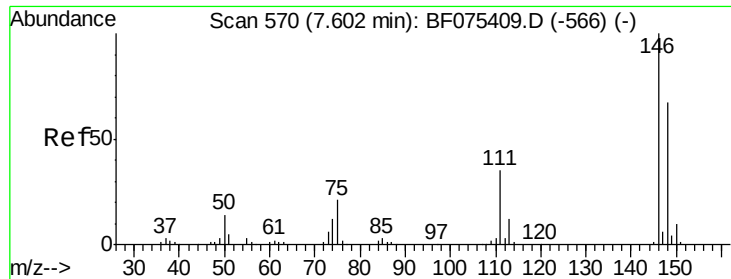
mohammad
11/17/2014 7:36:21 PM



#12
1,3-Dichlorobenzene
Concen: 57.52 ng
RT: 7.48 min Scan# 559
Delta R.T. 0.00 min
Lab File: BF075544.D
Acq: 15 Nov 2014 16:18

Tgt Ion:	146	Resp:	163892
Ion Ratio	Lower	Upper	
146	100		
148	63.1	53.1	79.7
75	26.7	21.5	32.3





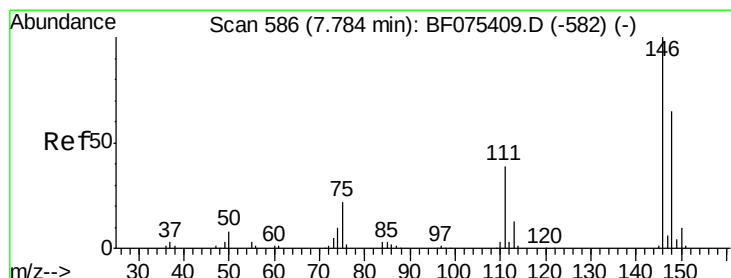
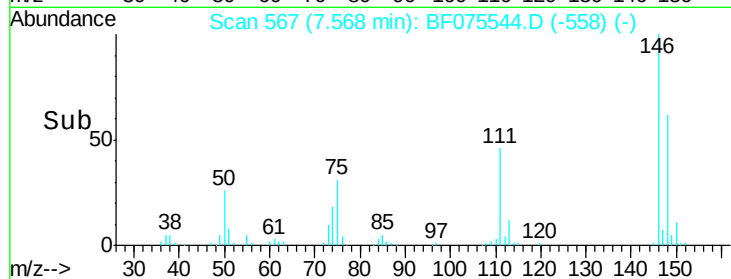
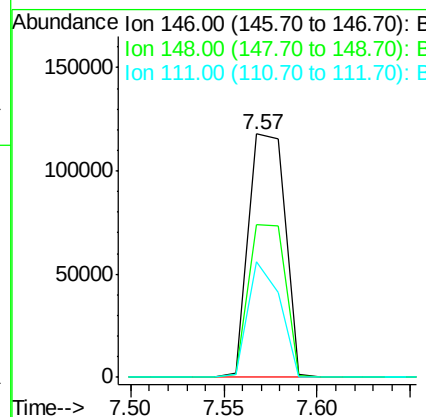
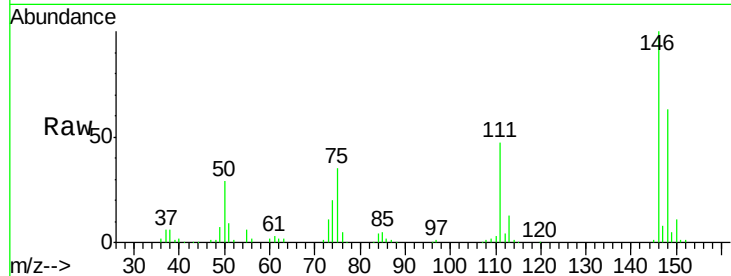
#13
 1,4-Dichlorobenzene
 Concen: 55.98 ng
 RT: 7.57 min Scan# 567
 Delta R.T. 0.00 min
 Lab File: BF075544.D
 Acq: 15 Nov 2014 16:18

Instrument :
 BNA_F
 ClientSampleId :
 REC-2-1(1.5-2.0)MS

Tot Ion	Ratio	Lower	Upper
146	100		
148	62.7	49.9	74.9
111	47.3	35.8	53.6

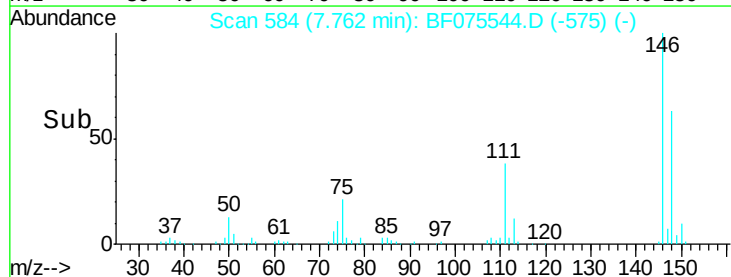
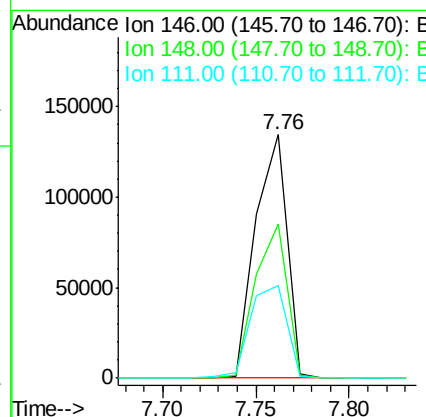
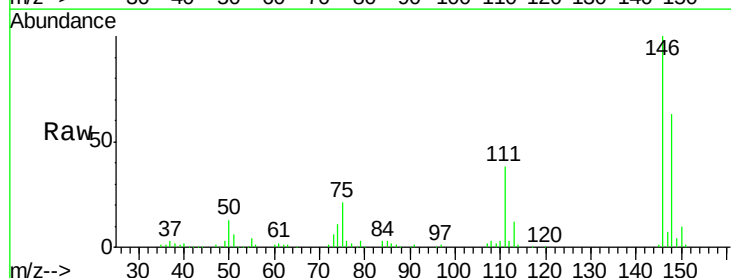
Manual Integrations
 APPROVED

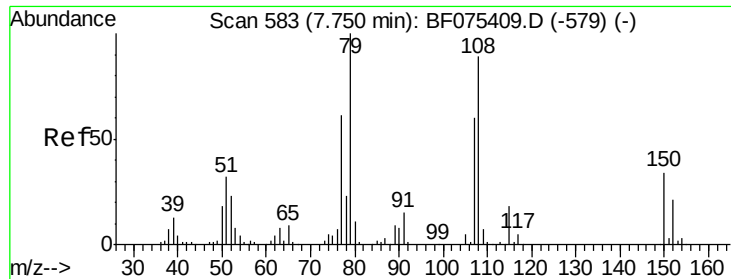
mohammad
 11/17/2014 7:36:21 PM



#14
 1,2-Dichlorobenzene
 Concen: 57.66 ng
 RT: 7.76 min Scan# 584
 Delta R.T. 0.00 min
 Lab File: BF075544.D
 Acq: 15 Nov 2014 16:18

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.3	50.7	76.1
111	38.2	39.9	59.9#





#15

Benzyl Alcohol

Concen: 60.53 ng

RT: 7.73 min Scan# 581

Delta R.T. 0.00 min

Lab File: BF075544.D

Acq: 15 Nov 2014 16:18

Instrument :

BNA_F

ClientSampleId :

REC-2-1(1.5-2.0)MS

Tot Ion: 79 Resp: 129074

Ion Ratio Lower Upper

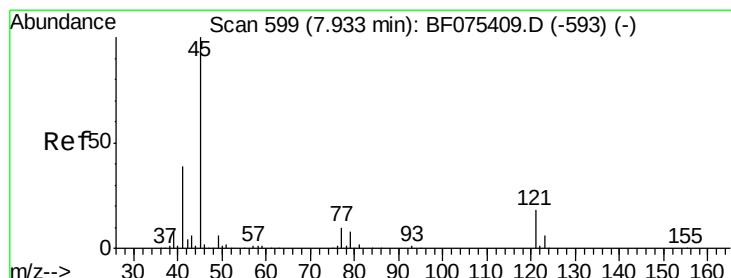
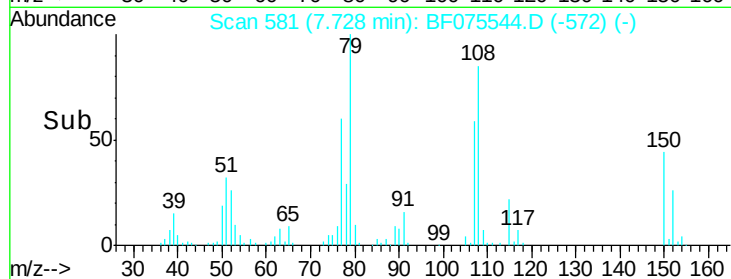
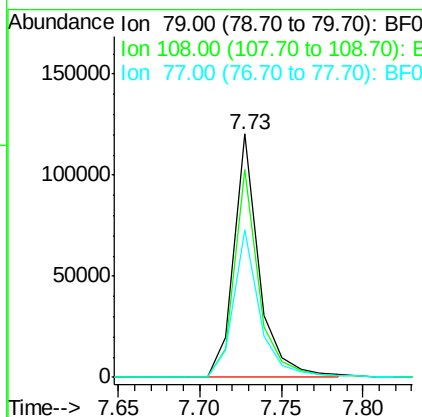
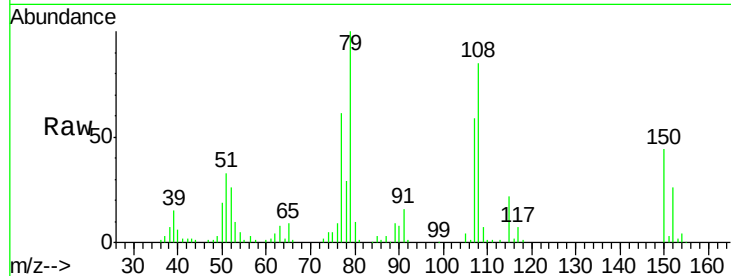
79 100

108 85.3 75.5 113.3

77 60.8 52.1 78.1

Manual Integrations
APPROVED

mohammad
11/17/2014 7:36:21 PM



#16

2,2'-oxybis(1-chloropropane)

Concen: 59.20 ng

RT: 7.91 min Scan# 597

Delta R.T. 0.00 min

Lab File: BF075544.D

Acq: 15 Nov 2014 16:18

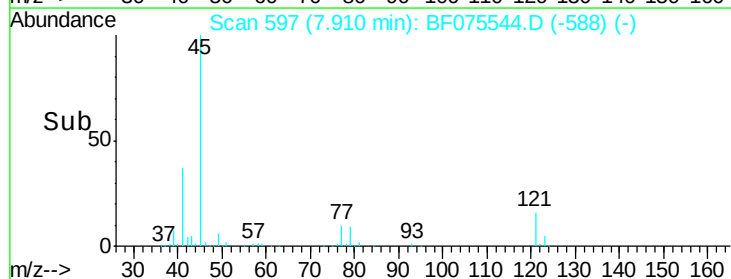
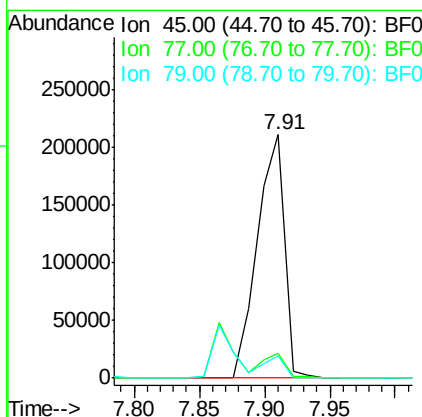
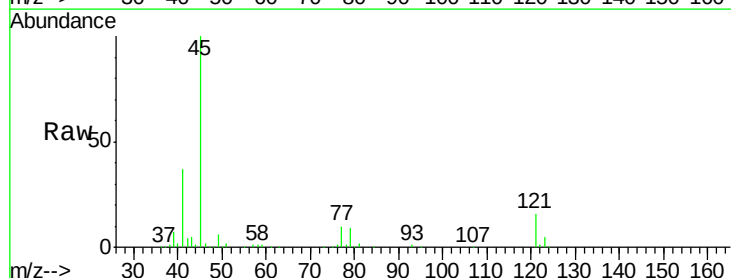
Tgt Ion: 45 Resp: 307609

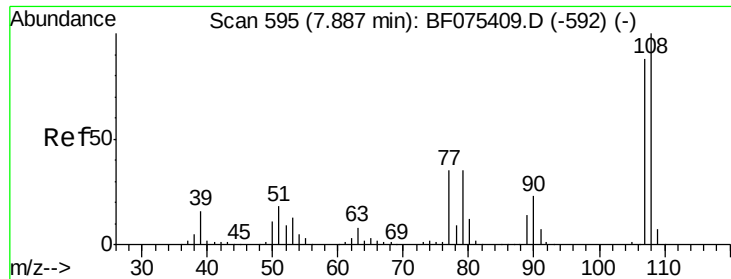
Ion Ratio Lower Upper

45 100

77 10.1 0.0 28.6

79 9.2 0.0 26.5





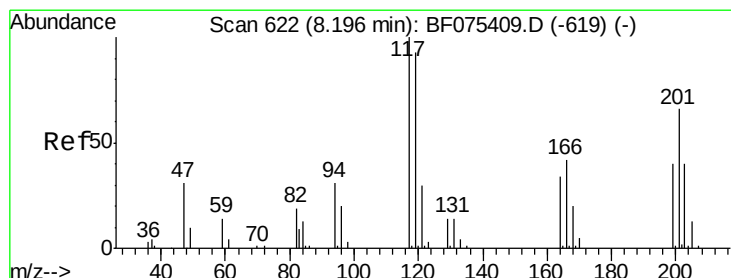
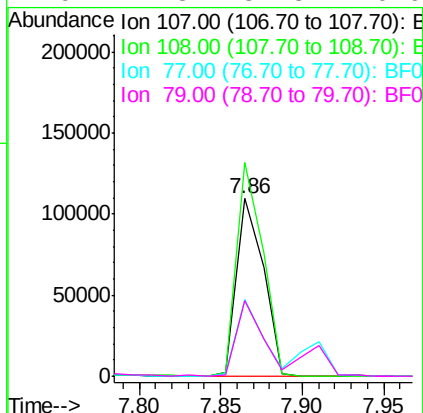
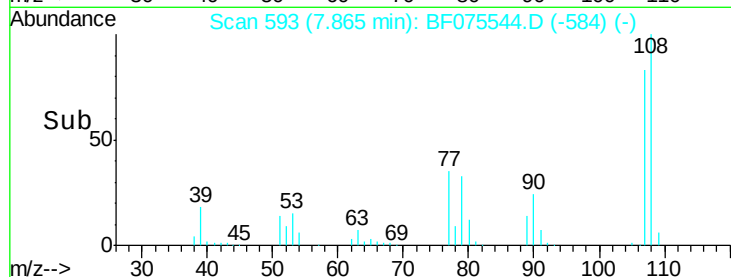
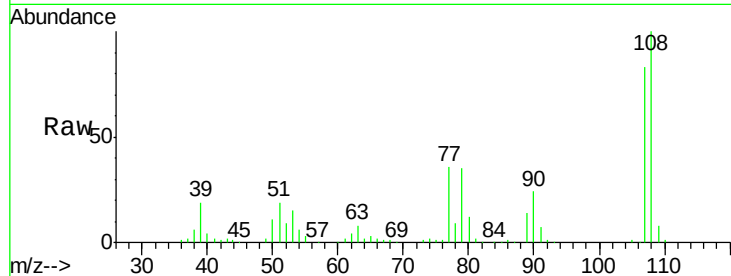
#17
2-Methylphenol
Concen: 57.14 ng
RT: 7.86 min Scan# 593
Delta R.T. 0.00 min
Lab File: BF075544.D
Acq: 15 Nov 2014 16:18

Instrument :
BNA_F
ClientSampleId :
REC-2-1(1.5-2.0)MS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	120.2	95.6	143.4	
77	43.5	30.2	45.4	
79	42.3	31.3	46.9	

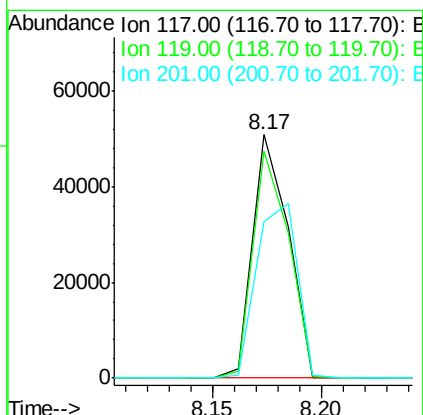
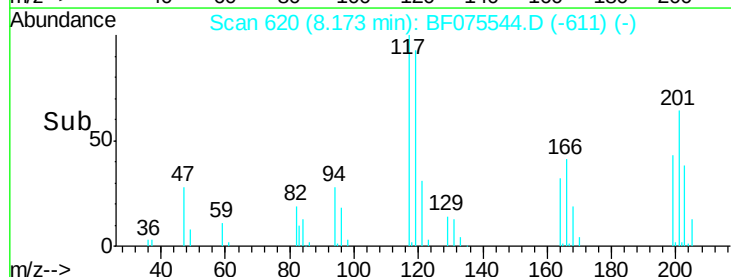
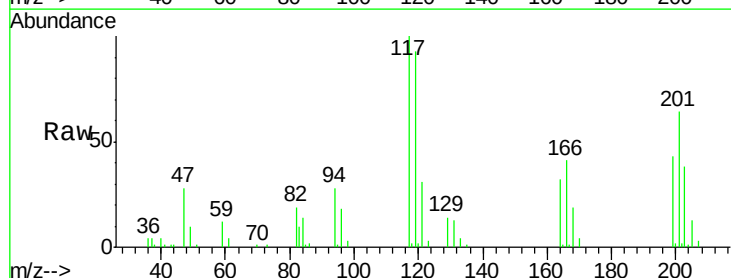
Manual Integrations
APPROVED

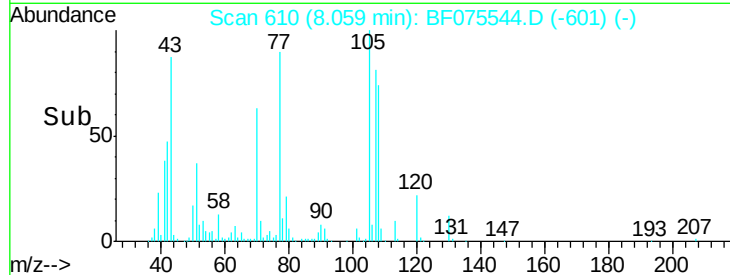
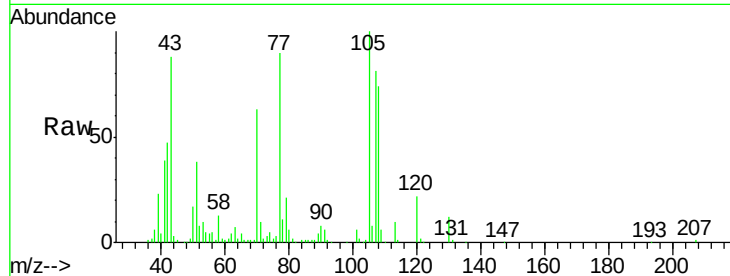
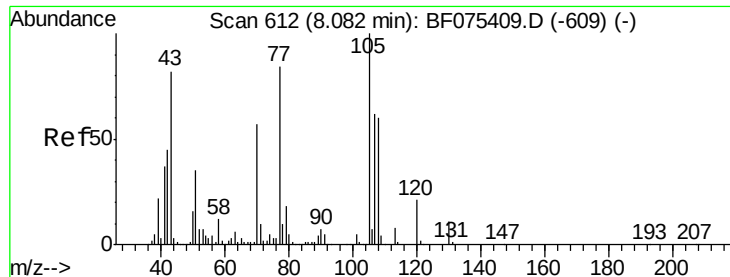
mohammad
11/17/2014 7:36:21 PM



#18
Hexachloroethane
Concen: 58.32 ng
RT: 8.17 min Scan# 620
Delta R.T. 0.00 min
Lab File: BF075544.D
Acq: 15 Nov 2014 16:18

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	93.0	72.9	109.3	
201	64.3	48.2	72.4	





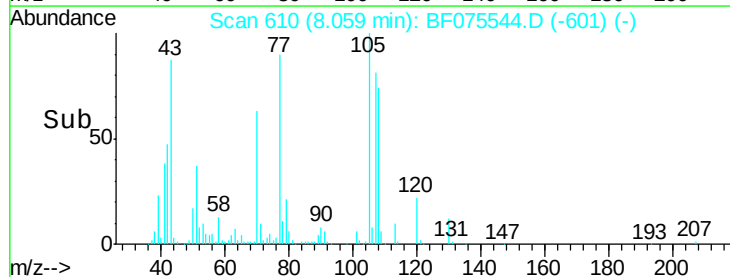
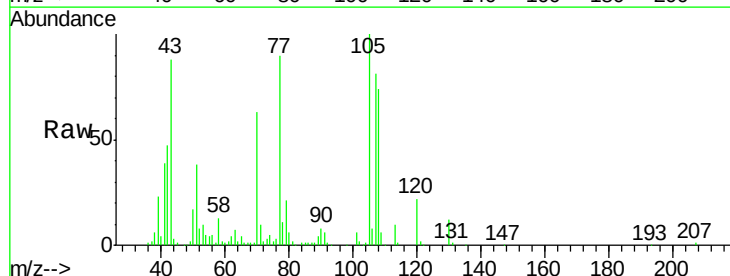
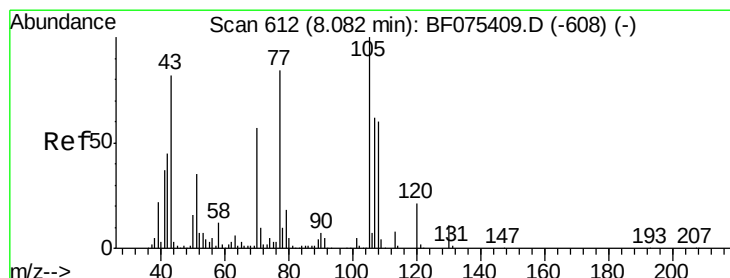
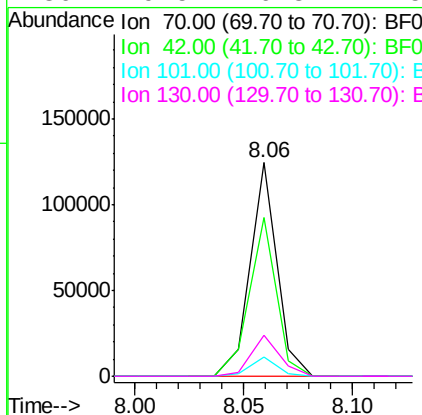
#19
n-Nitroso-di-n-propylamine
Concen: 57.78 ng
RT: 8.06 min Scan# 610
Delta R.T. 0.00 min
Lab File: BF075544.D
Acq: 15 Nov 2014 16:18

Instrument :
BNA_F
ClientSampleId :
REC-2-1(1.5-2.0)MS

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	74.5	63.0	94.6	
101	9.0	7.5	11.3	
130	19.5	16.3	24.5	

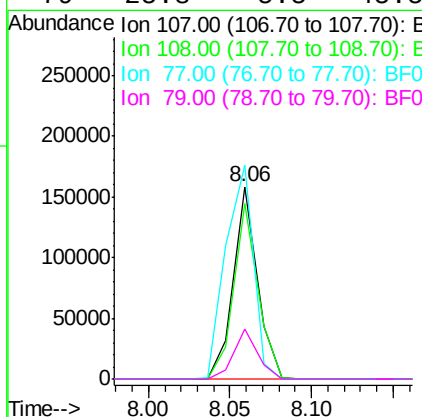
Manual Integrations
APPROVED

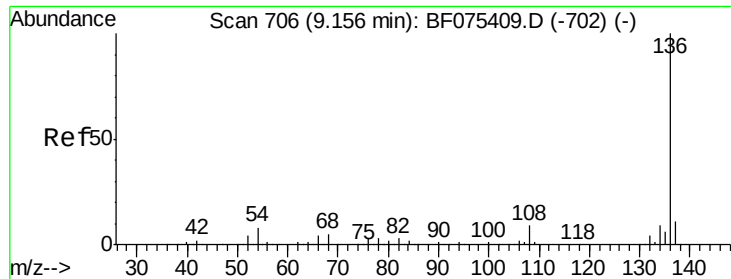
mohammad
11/17/2014 7:36:21 PM



#20
3+4-Methylphenols
Concen: 56.97 ng
RT: 8.06 min Scan# 610
Delta R.T. 0.00 min
Lab File: BF075544.D
Acq: 15 Nov 2014 16:18

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	91.1	69.6	109.6	
77	111.0	84.4	124.4	
79	25.8	5.5	45.5	





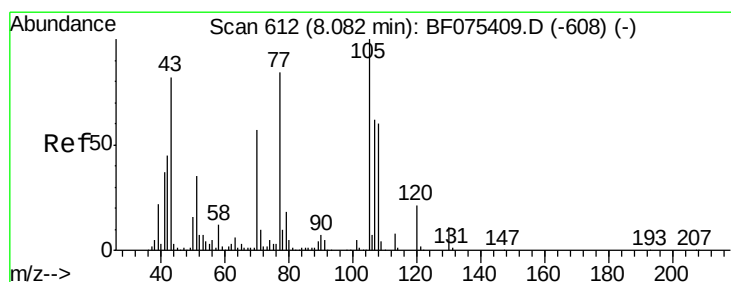
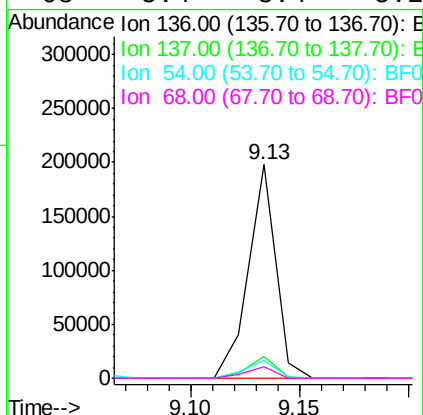
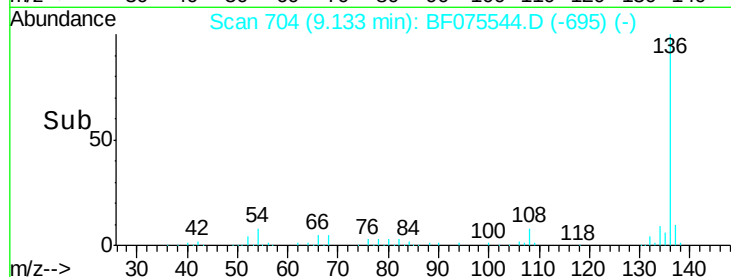
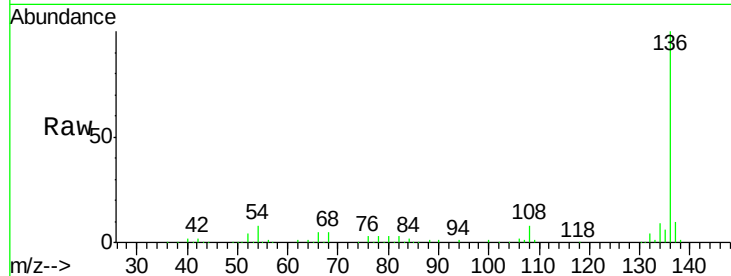
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 9.13 min Scan# 704
Delta R.T. 0.00 min
Lab File: BF075544.D
Acq: 15 Nov 2014 16:18

Instrument :
BNA_F
ClientSampleId :
REC-2-1(1.5-2.0)MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		173618		
137	10.3	8.2	12.4		
54	8.4	6.2	9.4		
68	5.4	3.4	5.2#		

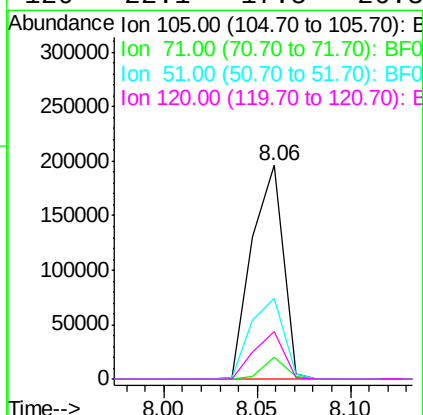
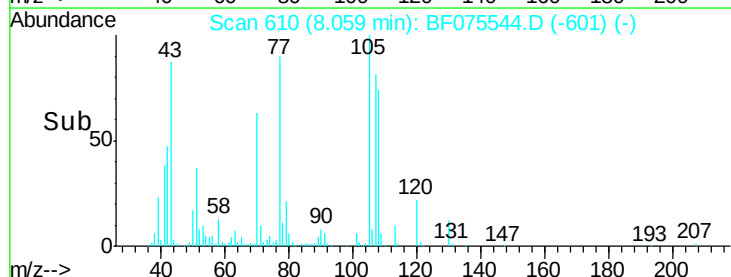
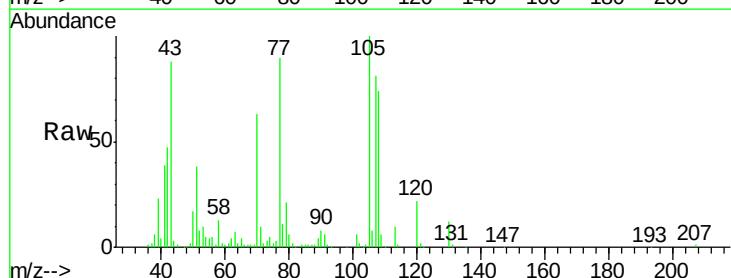
Manual Integrations
APPROVED

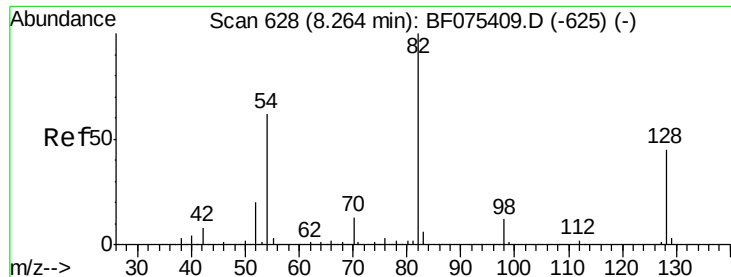
mohammad
11/17/2014 7:36:21 PM



#22
Acetophenone
Concen: 60.96 ng
RT: 8.06 min Scan# 610
Delta R.T. 0.00 min
Lab File: BF075544.D
Acq: 15 Nov 2014 16:18

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		228318		
71	10.5	10.5	15.7		
51	37.7	24.2	36.2#		
120	22.1	17.5	26.3		





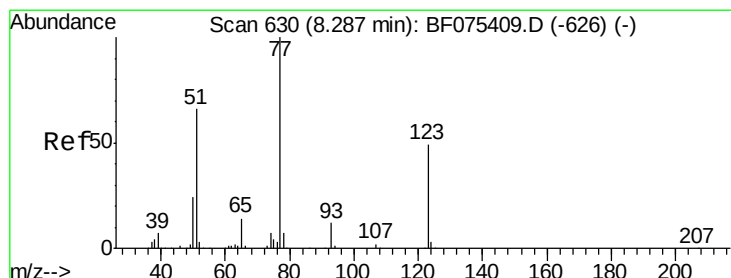
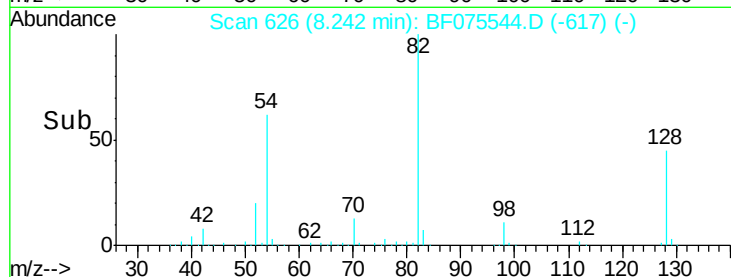
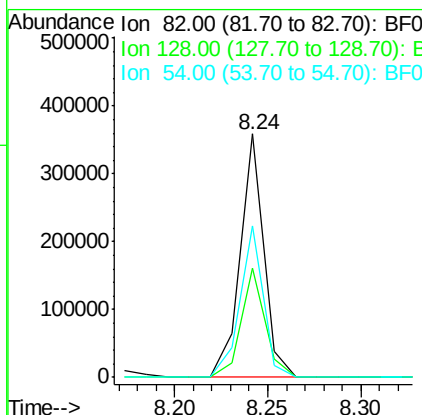
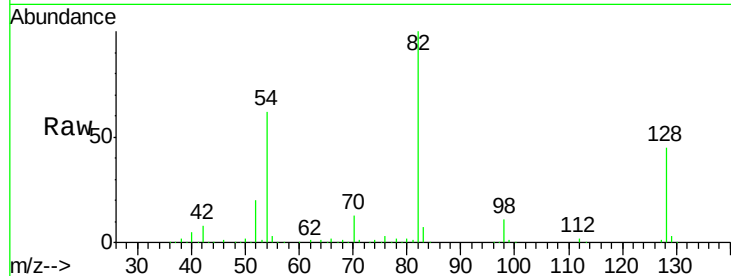
#23
Nitrobenzene-d5
Concen: 133.81 ng
RT: 8.24 min Scan# 626
Delta R.T. 0.00 min
Lab File: BF075544.D
Acq: 15 Nov 2014 16:18

Instrument :
BNA_F
ClientSampleId :
REC-2-1(1.5-2.0)MS

Tot Ion	Ratio	Lower	Upper
82	100		
128	45.0	37.8	56.6
54	62.4	49.8	74.8

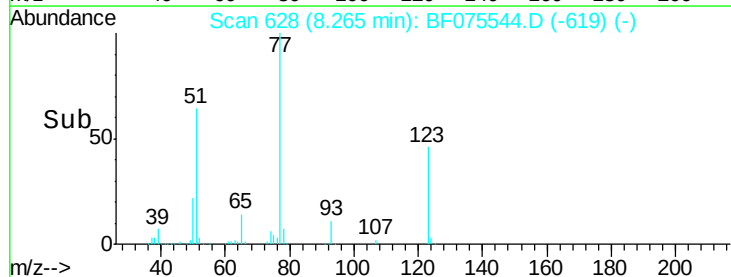
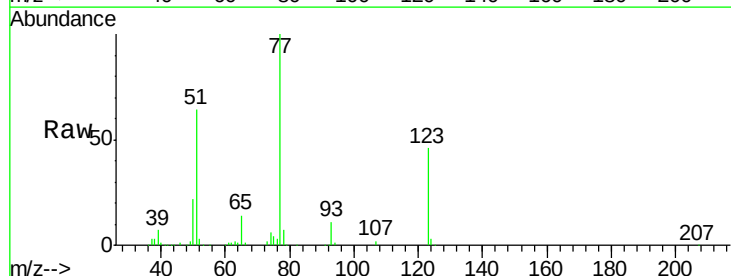
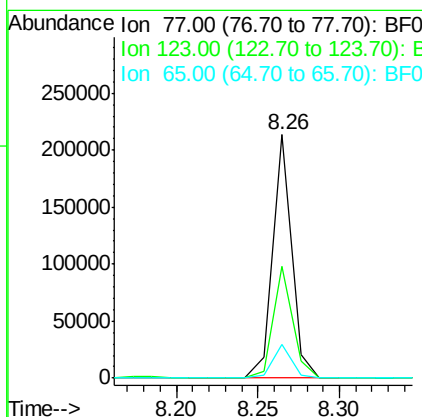
Manual Integrations
APPROVED

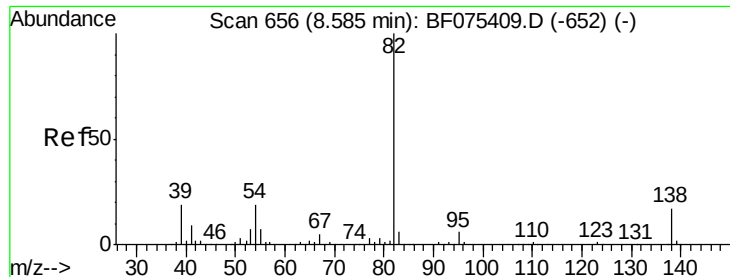
mohammad
11/17/2014 7:36:21 PM



#24
Nitrobenzene
Concen: 63.42 ng
RT: 8.26 min Scan# 628
Delta R.T. 0.00 min
Lab File: BF075544.D
Acq: 15 Nov 2014 16:18

Tgt Ion	Ratio	Lower	Upper
77	100		
123	46.0	39.0	58.4
65	13.9	10.6	15.8





#25

Isophorone

Concen: 57.50 ng

RT: 8.56 min Scan# 654

Delta R.T. 0.00 min

Lab File: BF075544.D

Acq: 15 Nov 2014 16:18

Instrument :

BNA_F

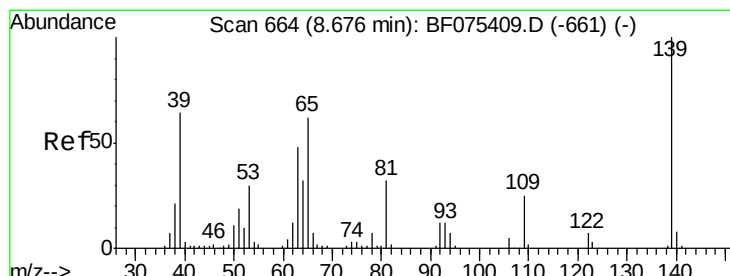
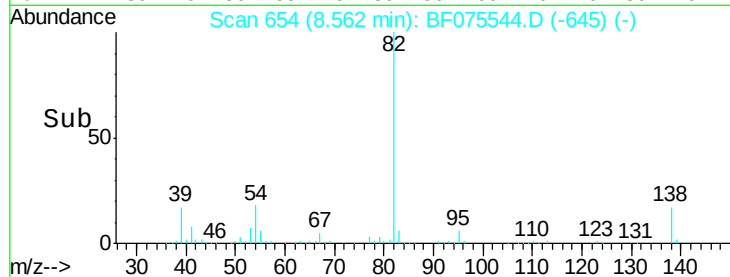
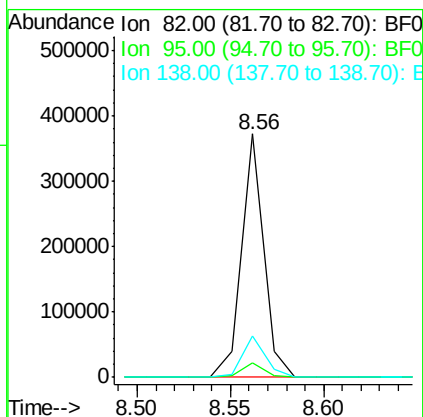
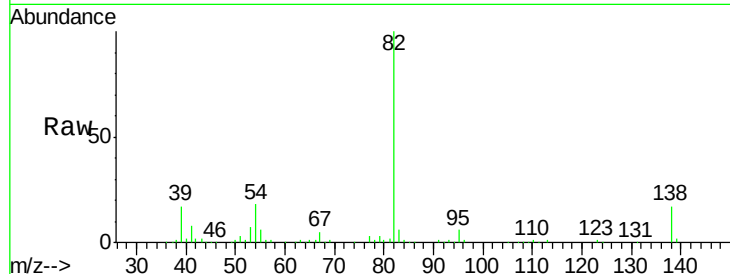
ClientSampleId :

REC-2-1(1.5-2.0)MS

Tot Ion:	82	Resp:	310889
Ion Ratio		Lower	Upper
82	100		
95	5.8	5.2	7.8
138	17.1	15.0	22.6

Manual Integrations
APPROVED

mohammad
11/17/2014 7:36:21 PM



#26

2-Nitrophenol

Concen: 59.11 ng

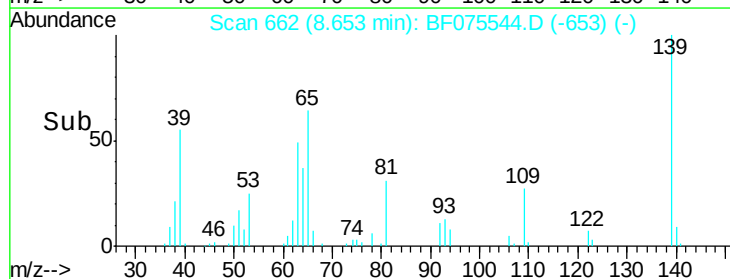
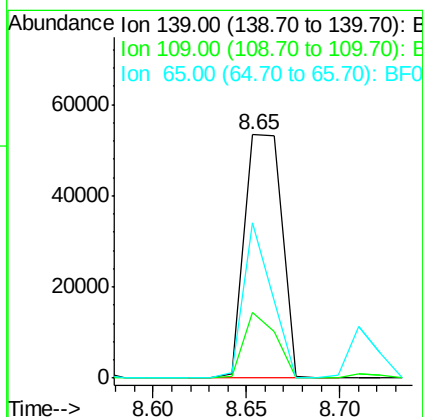
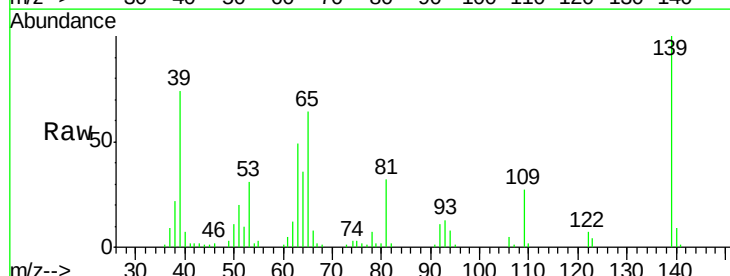
RT: 8.65 min Scan# 662

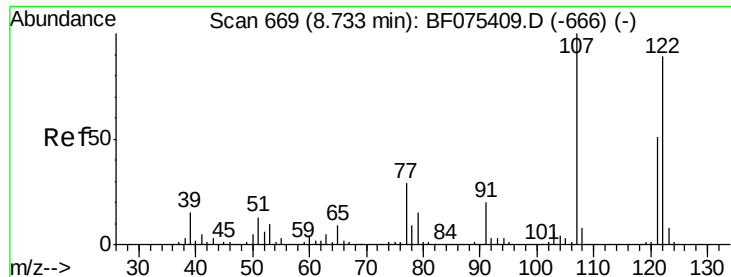
Delta R.T. 0.00 min

Lab File: BF075544.D

Acq: 15 Nov 2014 16:18

Tgt Ion:	139	Resp:	73918
Ion Ratio		Lower	Upper
139	100		
109	26.9	22.3	33.5
65	63.8	49.1	73.7





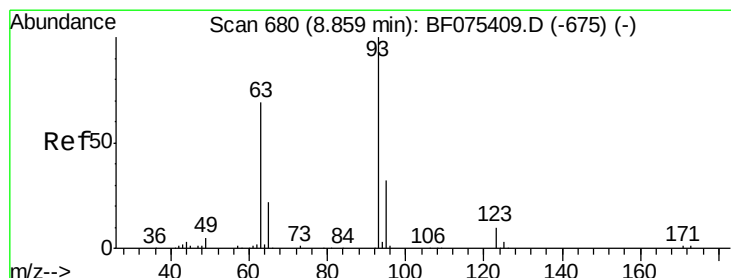
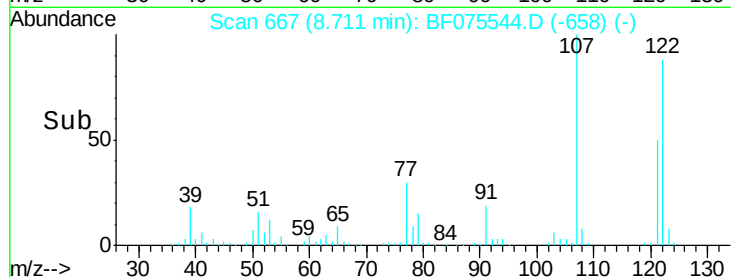
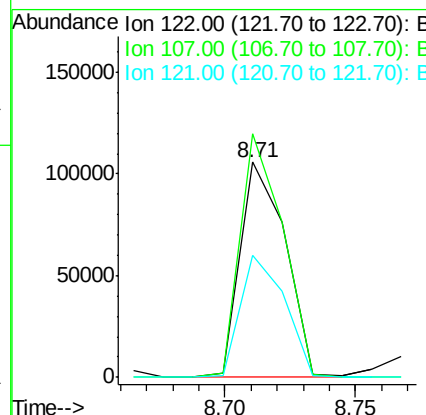
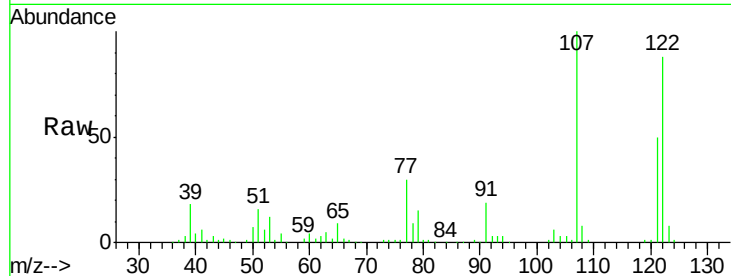
#27
2,4-Dimethylphenol
Concen: 52.84 ng
RT: 8.71 min Scan# 667
Delta R.T. 0.00 min
Lab File: BF075544.D
Acq: 15 Nov 2014 16:18

Instrument :
BNA_F
ClientSampleId :
REC-2-1(1.5-2.0)MS

Tot Ion	Ratio	Resp	Lower	Upper
122	100	128055		
107	113.1	86.5	129.7	
121	56.7	45.4	68.2	

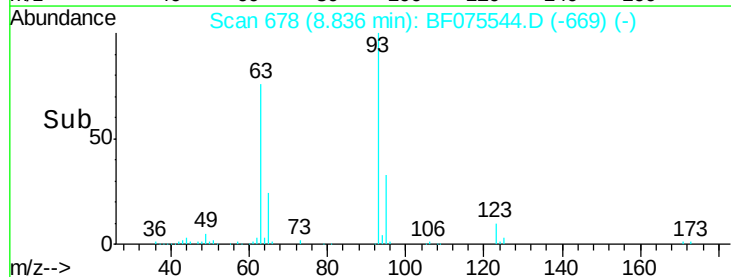
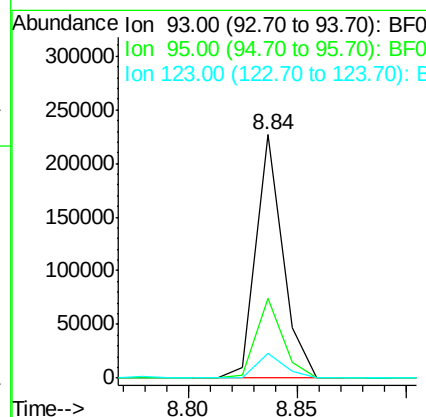
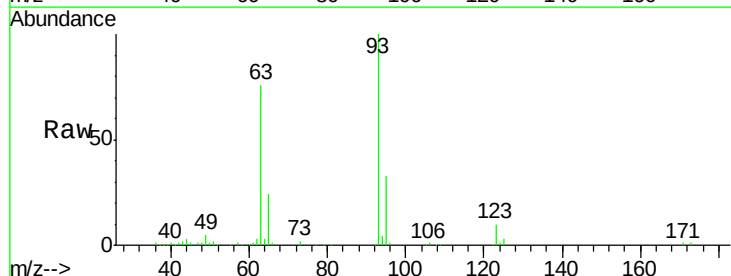
Manual Integrations
APPROVED

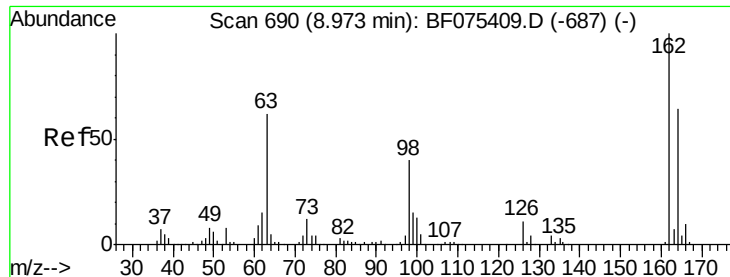
mohammad
11/17/2014 7:36:21 PM



#28
bis(2-Chloroethoxy)methane
Concen: 59.05 ng
RT: 8.84 min Scan# 678
Delta R.T. 0.00 min
Lab File: BF075544.D
Acq: 15 Nov 2014 16:18

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	194576		
95	32.7	26.2	39.4	
123	10.0	8.8	13.2	





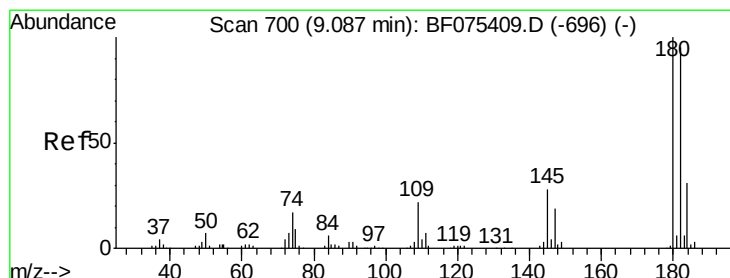
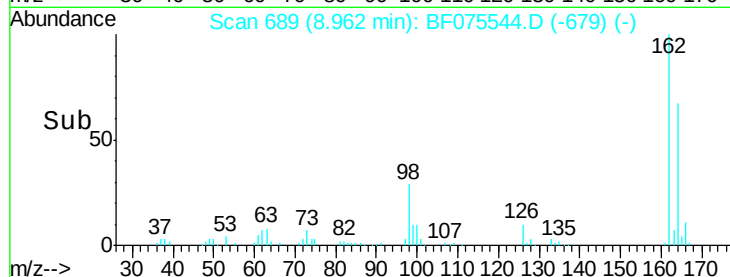
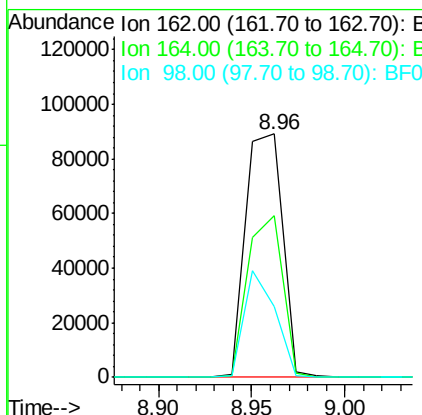
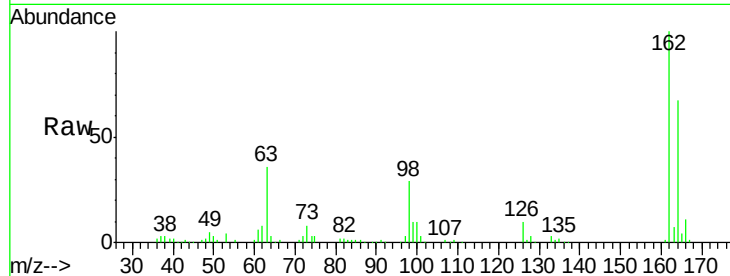
#29
2,4-Dichlorophenol
Concen: 57.89 ng
RT: 8.96 min Scan# 689
Delta R.T. 0.01 min
Lab File: BF075544.D
Acq: 15 Nov 2014 16:18

Instrument :
BNA_F
ClientSampleId :
REC-2-1(1.5-2.0)MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
162	100		122920		
164	66.6	43.8	83.8		
98	28.9	14.6	54.6		

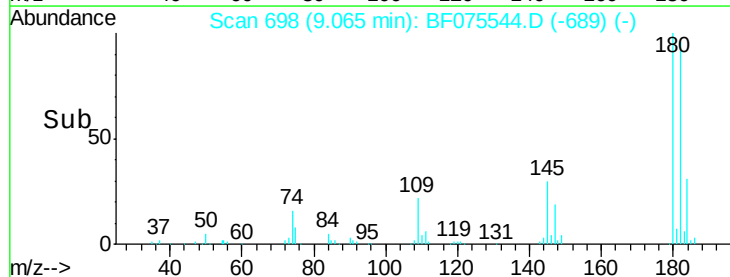
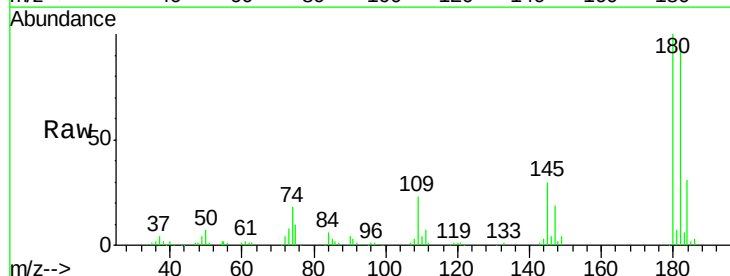
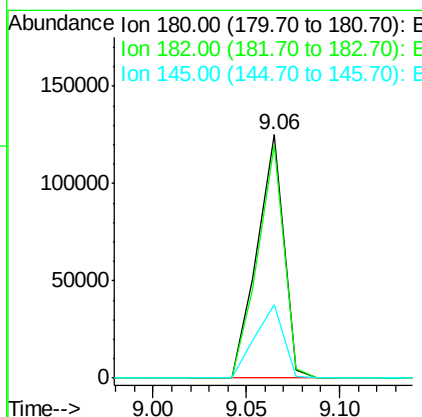
Manual Integrations
APPROVED

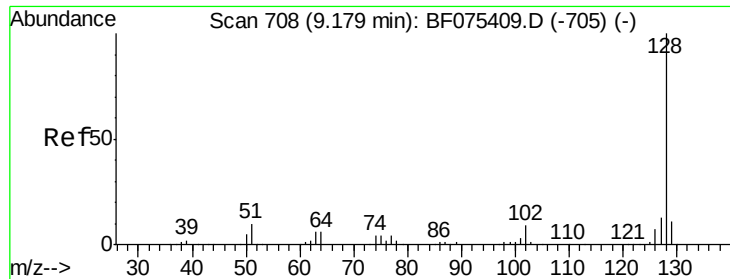
mohammad
11/17/2014 7:36:21 PM



#30
1,2,4-Trichlorobenzene
Concen: 55.64 ng
RT: 9.06 min Scan# 698
Delta R.T. 0.00 min
Lab File: BF075544.D
Acq: 15 Nov 2014 16:18

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
180	100		124050		
182	95.8	78.4	117.6		
145	30.1	22.3	33.5		





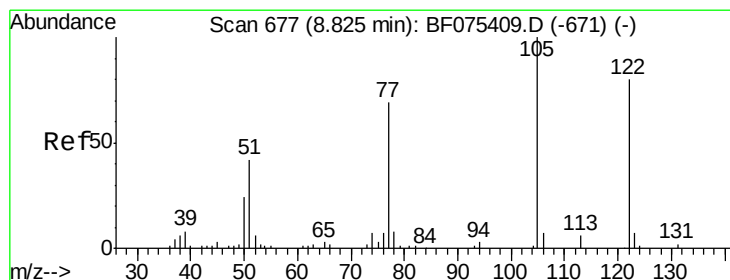
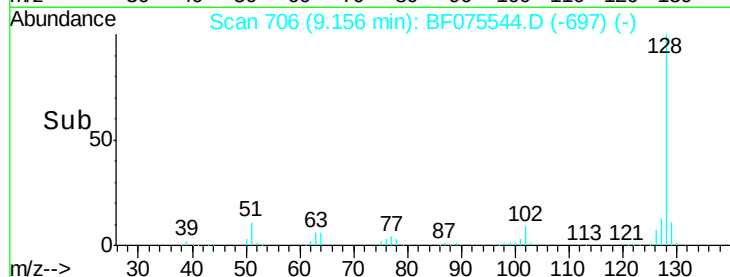
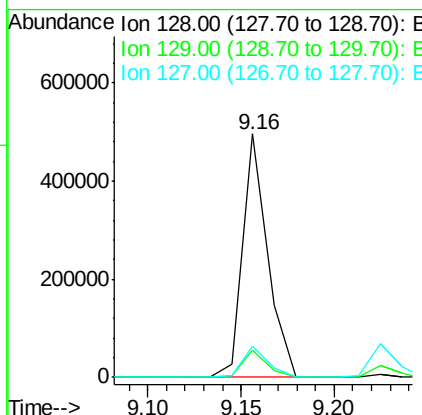
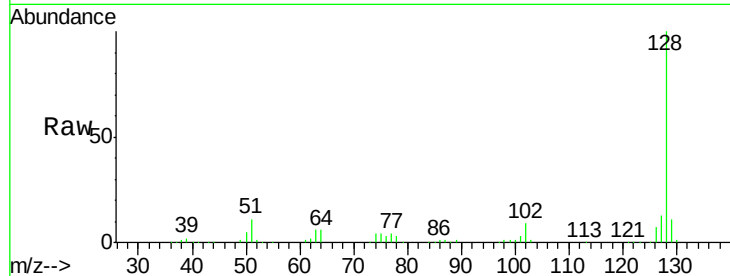
#31
Naphthalene
Concen: 59.49 ng
RT: 9.16 min Scan# 706
Delta R.T. 0.00 min
Lab File: BF075544.D
Acq: 15 Nov 2014 16:18

Instrument :
BNA_F
ClientSampleId :
REC-2-1(1.5-2.0)MS

Tot Ion	Ratio	Resp	Lower	Upper
128	100	460483		
129	11.1	9.0	13.4	
127	12.8	10.2	15.4	

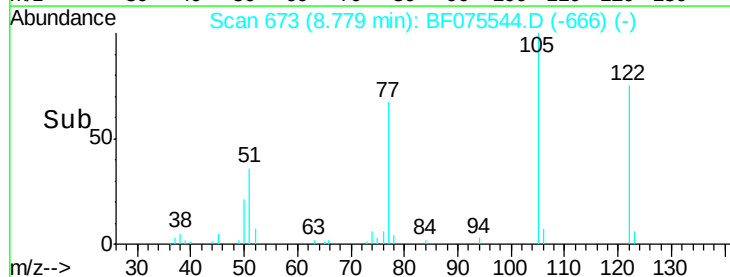
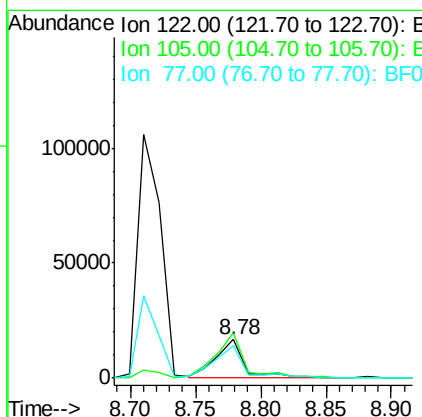
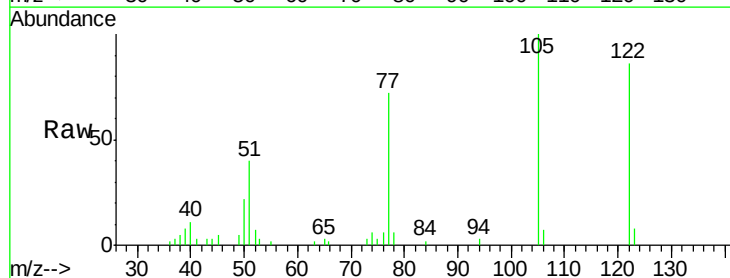
Manual Integrations
APPROVED

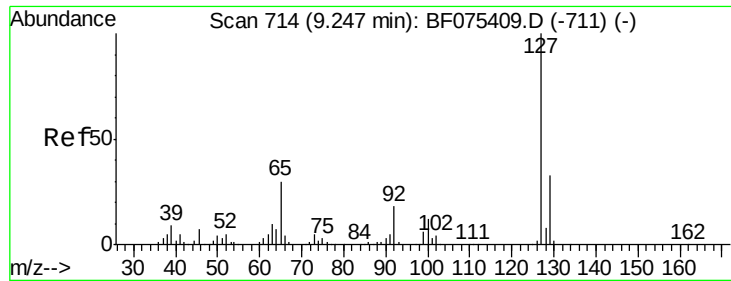
mohammad
11/17/2014 7:36:21 PM



#32
Benzoic acid
Concen: 17.81 ng
RT: 8.78 min Scan# 673
Delta R.T. -0.02 min
Lab File: BF075544.D
Acq: 15 Nov 2014 16:18

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	26081		
105	116.9	95.1	135.1	
77	83.8	62.6	102.6	





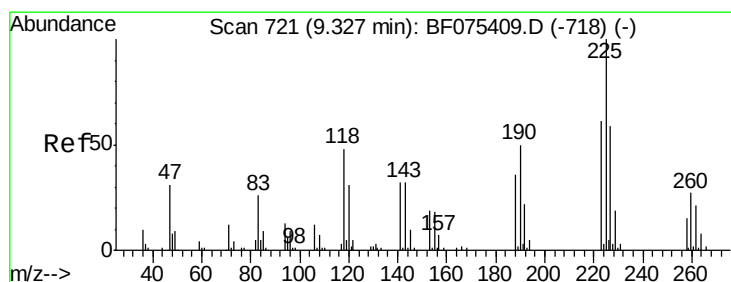
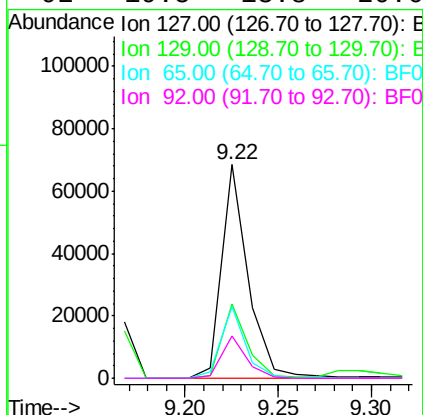
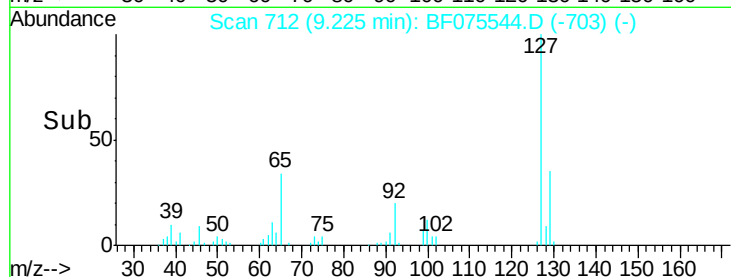
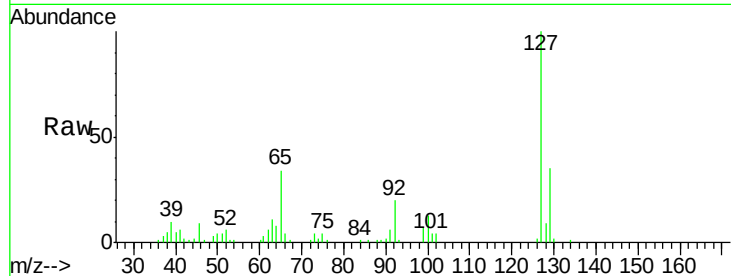
#33
4-Chloroaniline
Concen: 20.30 ng
RT: 9.22 min Scan# 712
Delta R.T. 0.00 min
Lab File: BF075544.D
Acq: 15 Nov 2014 16:18

Instrument :
BNA_F
ClientSampleId :
REC-2-1(1.5-2.0)MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	34.6	25.5	38.3		
65	33.8	22.8	34.2		
92	19.5	13.8	20.6		

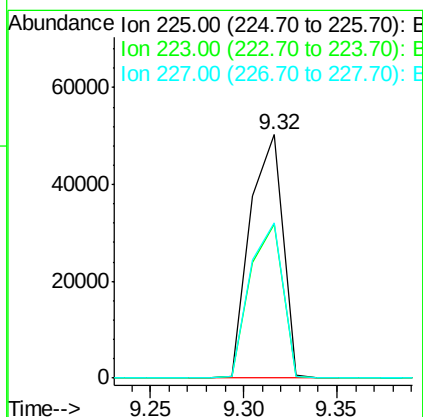
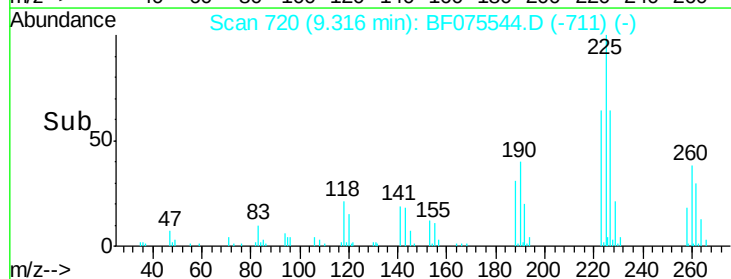
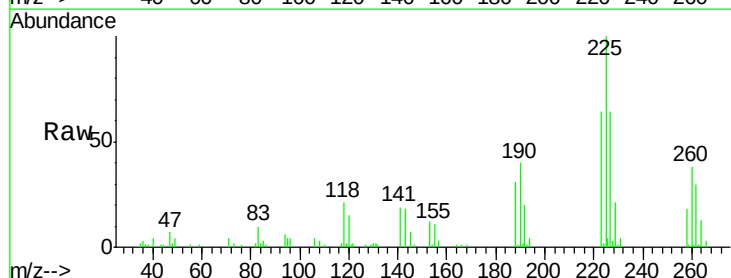
Manual Integrations
APPROVED

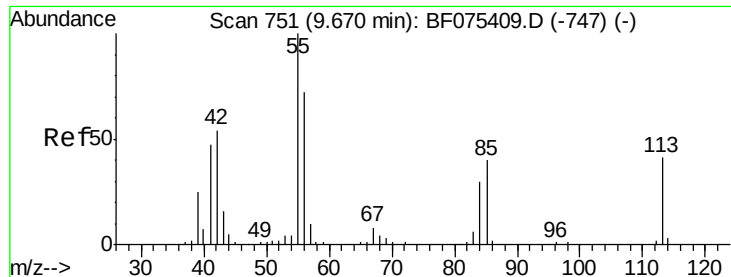
mohammad
11/17/2014 7:36:21 PM



#34
Hexachlorobutadiene
Concen: 50.59 ng
RT: 9.32 min Scan# 720
Delta R.T. 0.00 min
Lab File: BF075544.D
Acq: 15 Nov 2014 16:18

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	63.5	51.0	76.6		
227	63.9	48.6	73.0		





#35

Caprolactam

Concen: 61.89 ng

RT: 9.64 min Scan# 748

Delta R.T. -0.01 min

Lab File: BF075544.D

Acq: 15 Nov 2014 16:18

Instrument :

BNA_F

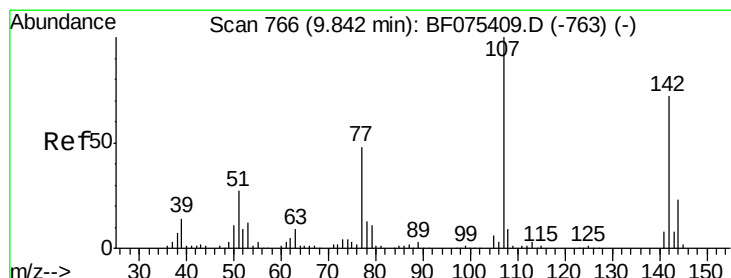
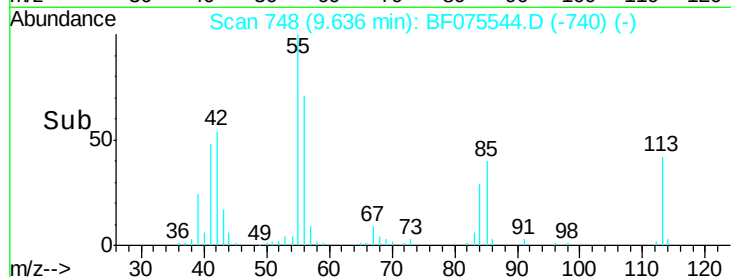
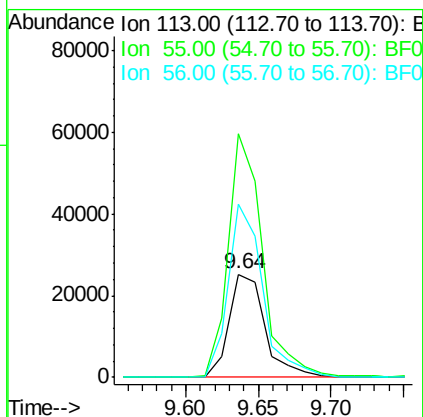
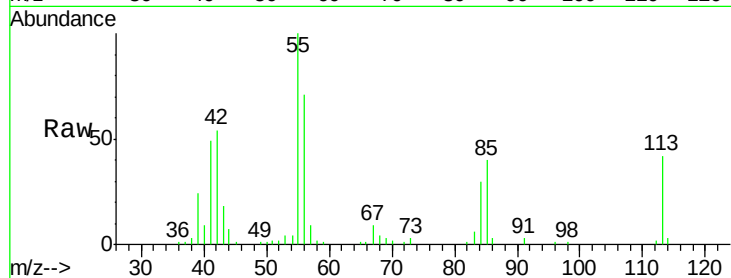
ClientSampleId :

REC-2-1(1.5-2.0)MS

Tot Ion:	113	Resp:	43547
Ion	Ratio	Lower	Upper
113	100		
55	235.3	226.9	266.9
56	167.9	148.4	188.4

Manual Integrations
APPROVED

mohammad
11/17/2014 7:36:21 PM



#36

4-Chloro-3-methylphenol

Concen: 60.04 ng

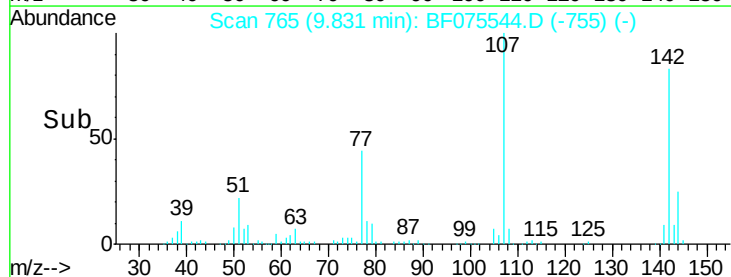
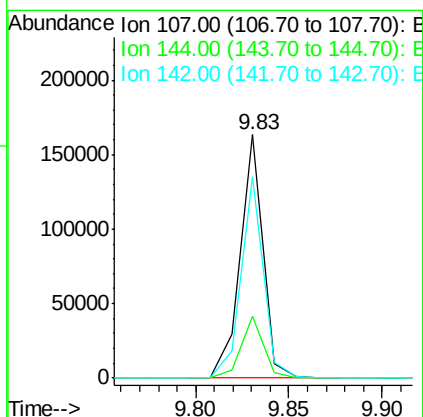
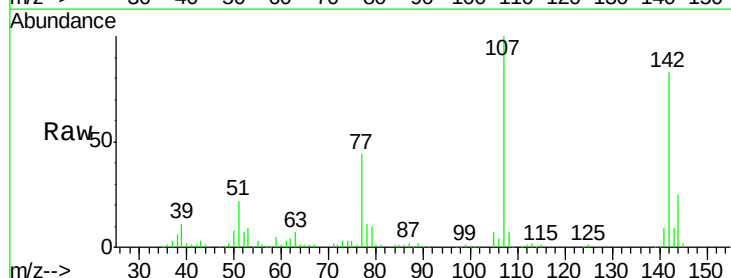
RT: 9.83 min Scan# 765

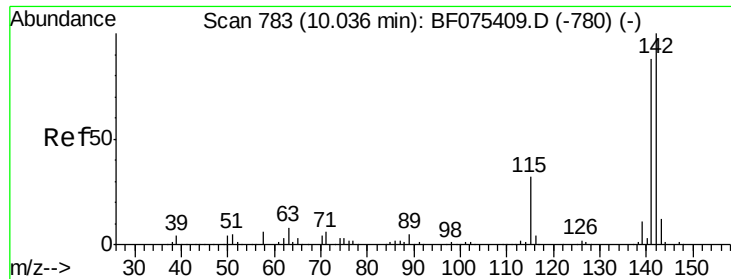
Delta R.T. 0.01 min

Lab File: BF075544.D

Acq: 15 Nov 2014 16:18

Tgt Ion:	107	Resp:	139871
Ion	Ratio	Lower	Upper
107	100		
144	25.4	19.1	28.7
142	82.9	62.9	94.3





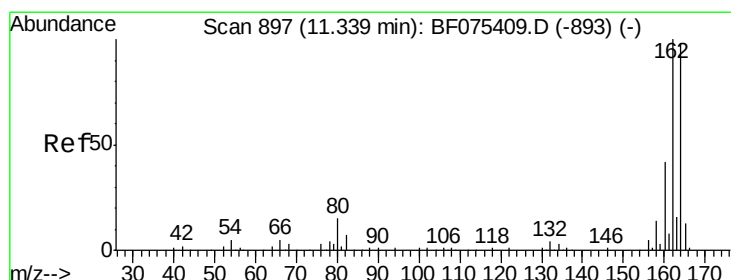
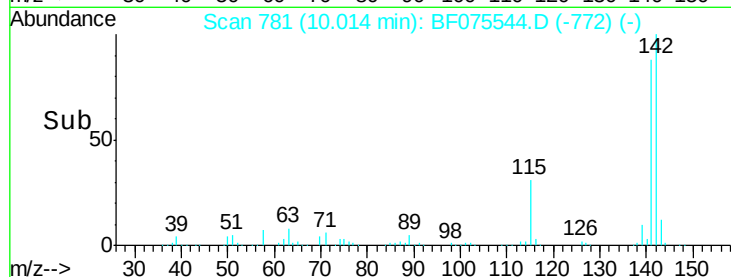
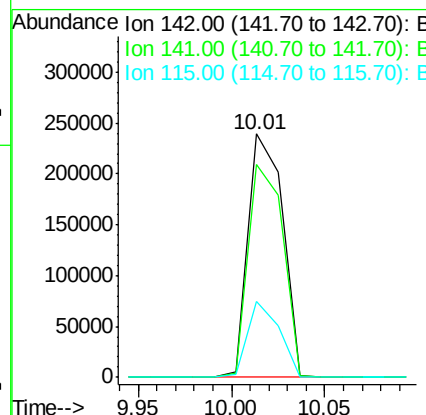
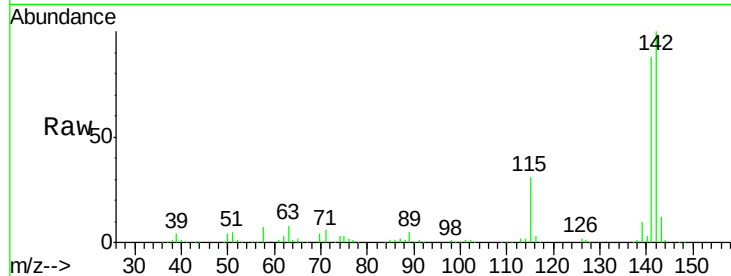
#37
2-Methylnaphthalene
Concen: 58.16 ng
RT: 10.01 min Scan# 781
Delta R.T. 0.00 min
Lab File: BF075544.D
Acq: 15 Nov 2014 16:18

Instrument :
BNA_F
ClientSampleId :
REC-2-1(1.5-2.0)MS

Tot Ion	Ratio	Lower	Upper
142	100		
141	87.5	69.9	104.9
115	31.0	27.6	41.4

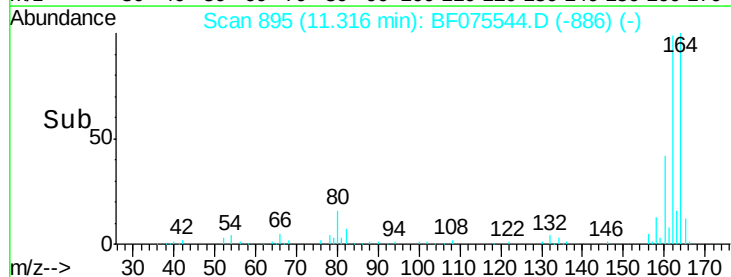
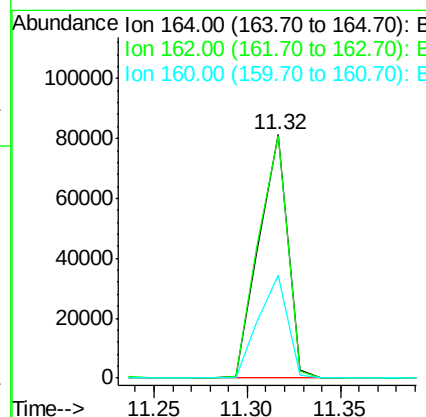
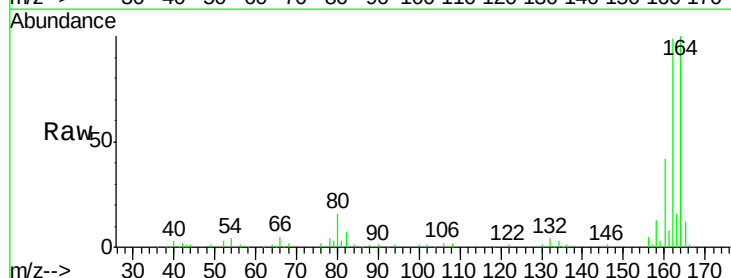
Manual Integrations
APPROVED

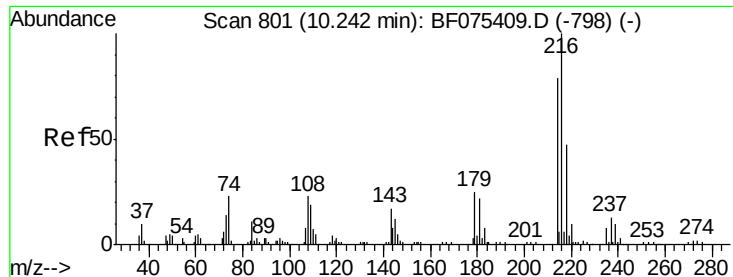
mohammad
11/17/2014 7:36:21 PM



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 11.32 min Scan# 895
Delta R.T. 0.00 min
Lab File: BF075544.D
Acq: 15 Nov 2014 16:18

Tgt Ion	Ratio	Lower	Upper
164	100		
162	99.3	79.1	118.7
160	42.3	34.6	51.8





#39

1,2,4,5-Tetrachlorobenzene

Concen: 63.52 ng

RT: 10.22 min Scan# 799

Delta R.T. 0.00 min

Lab File: BF075544.D

Acq: 15 Nov 2014 16:18

Instrument :

BNA_F

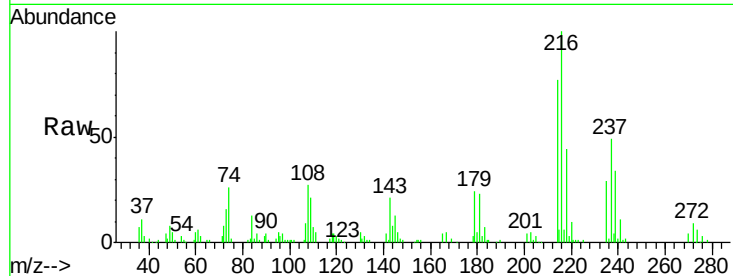
ClientSampleId :

REC-2-1(1.5-2.0)MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
216	100				
214	75.7	62.8	94.2		
179	21.1	18.7	28.1		
108	23.7	18.1	27.1		

Manual Integrations
APPROVED

mohammad
11/17/2014 7:36:21 PM

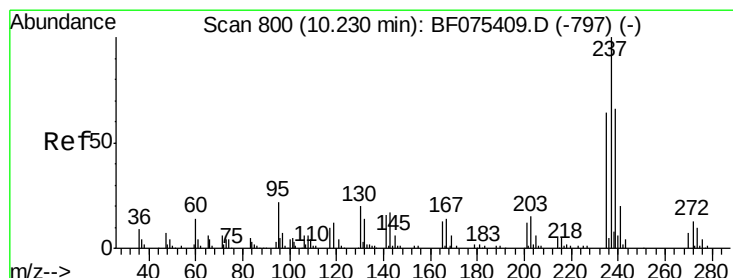
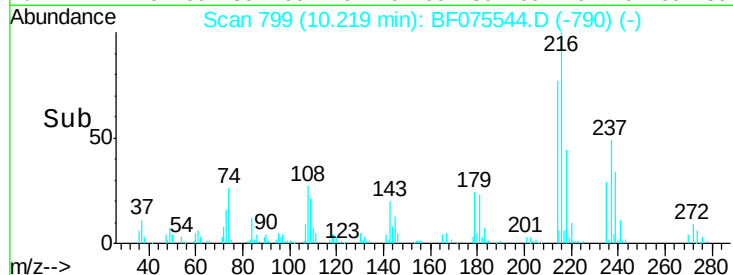
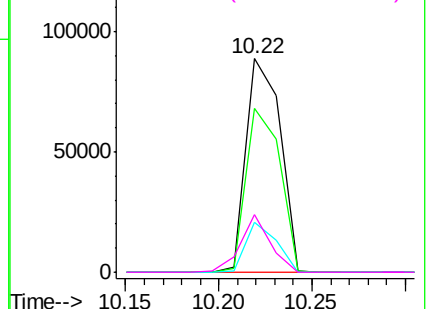


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 110.00 ng

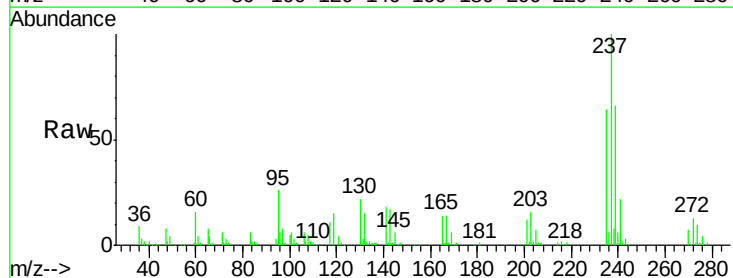
RT: 10.21 min Scan# 798

Delta R.T. 0.00 min

Lab File: BF075544.D

Acq: 15 Nov 2014 16:18

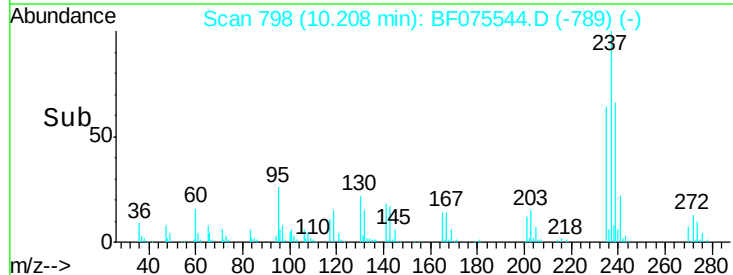
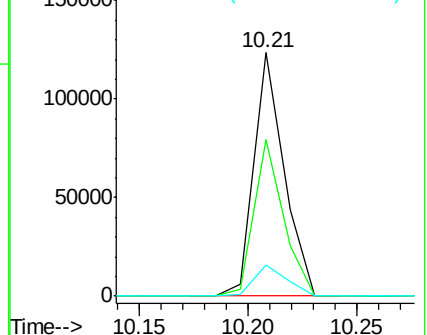
Tgt Ion	Ion	Ratio	Resp	Lower	Upper
237	100				
235	64.4	45.7	85.7		
272	12.8	0.0	32.6		

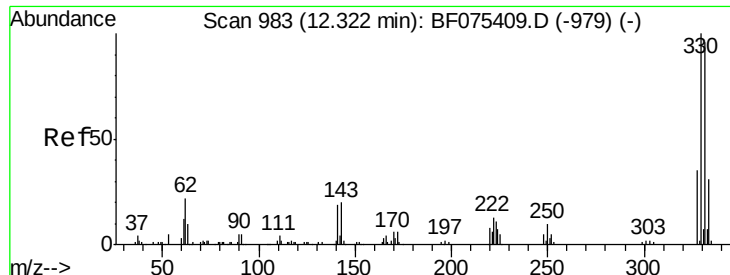


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E





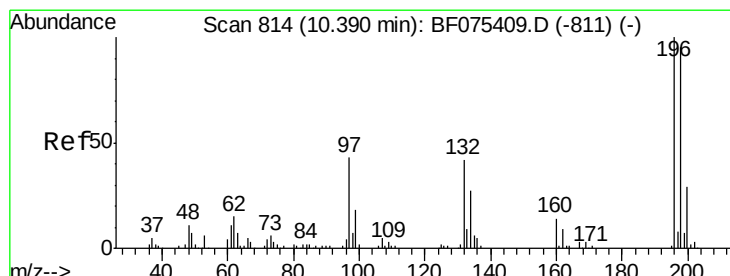
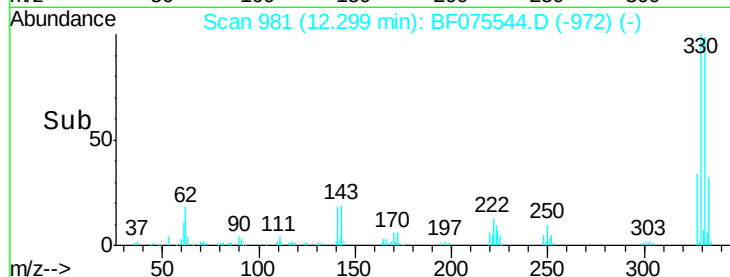
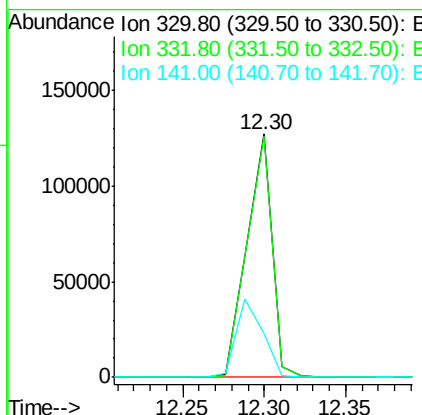
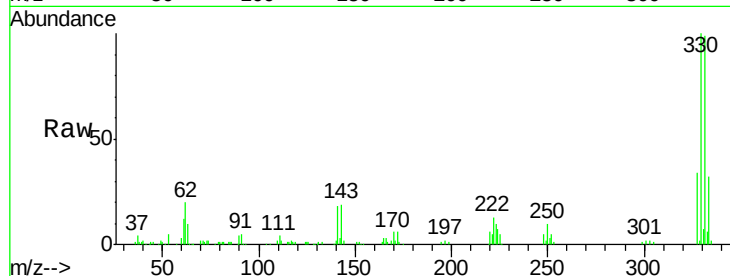
#41
 2,4,6-Tribromophenol
 Concen: 188.04 ng
 RT: 12.30 min Scan# 981
 Delta R.T. 0.00 min
 Lab File: BF075544.D
 Acq: 15 Nov 2014 16:18

Instrument :
 BNA_F
 ClientSampleId :
 REC-2-1(1.5-2.0)MS

Tot Ion	Ratio	Resp	Lower	Upper
330	100	136358		
332	99.4	74.5	111.7	
141	33.9	30.7	46.1	

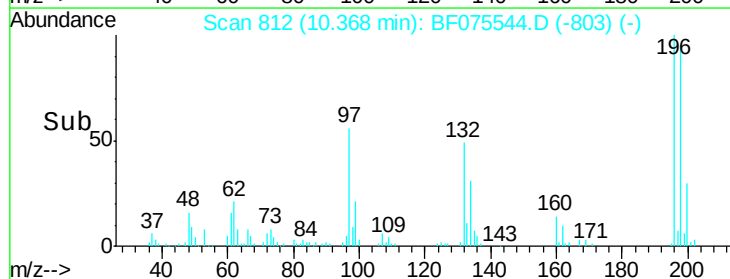
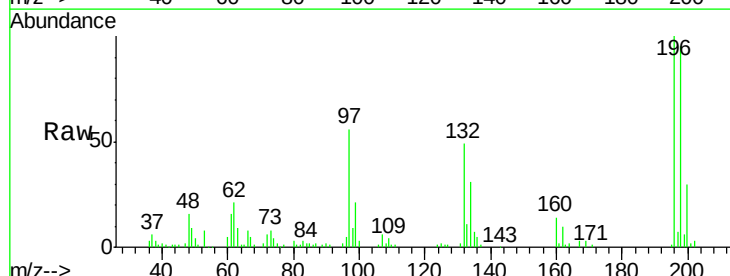
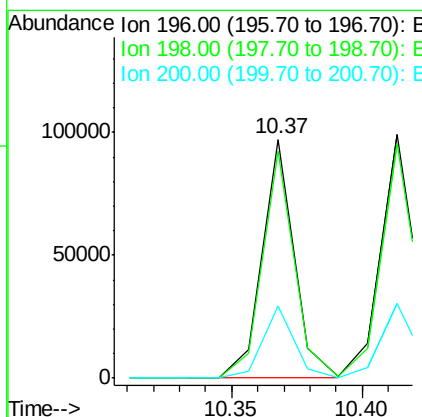
Manual Integrations
 APPROVED

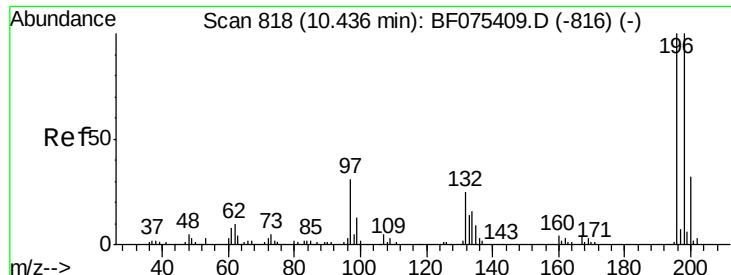
mohammad
 11/17/2014 7:36:21 PM



#42
 2,4,6-Trichlorophenol
 Concen: 58.77 ng
 RT: 10.37 min Scan# 812
 Delta R.T. 0.00 min
 Lab File: BF075544.D
 Acq: 15 Nov 2014 16:18

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	83178		
198	94.9	75.7	113.5	
200	30.1	23.4	35.0	





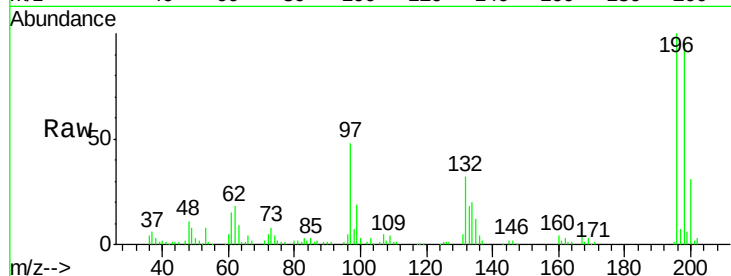
#43
2,4,5-Trichlorophenol
Concen: 60.33 ng
RT: 10.41 min Scan# 816
Delta R.T. 0.01 min
Lab File: BF075544.D
Acq: 15 Nov 2014 16:18

Instrument :
BNA_F
ClientSampleId :
REC-2-1(1.5-2.0)MS

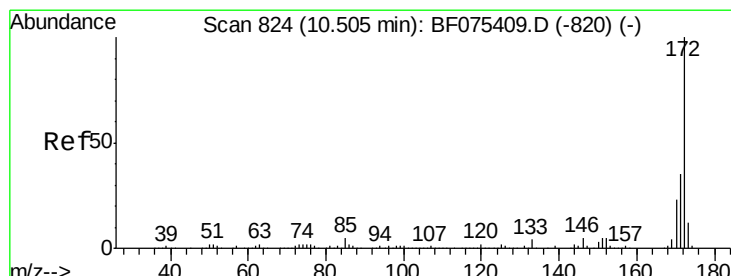
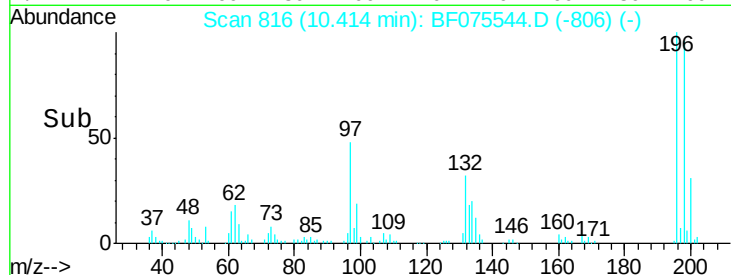
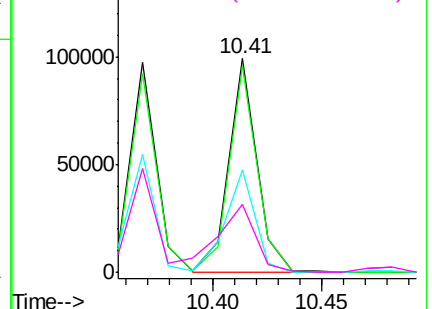
Tot Ion	Ion	Ratio	Resp	Lower	Upper
196	100		88927		
198	96.3	78.2	117.4		
97	48.2	29.9	44.9#		
132	31.9	22.2	33.2		

Manual Integrations
APPROVED

mohammad
11/17/2014 7:36:21 PM



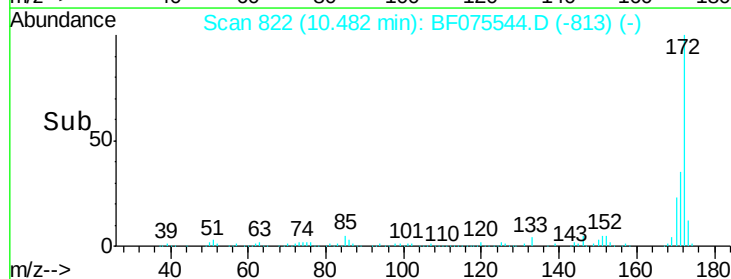
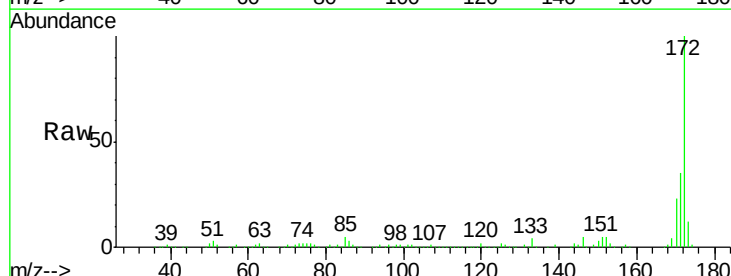
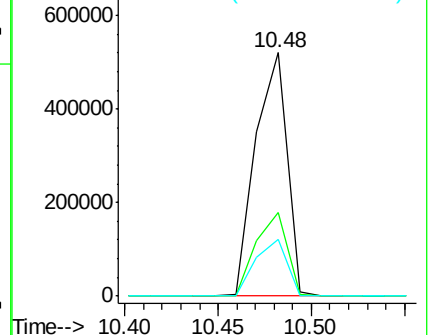
Abundance Ion 196.00 (195.70 to 196.70): E
Ion 198.00 (197.70 to 198.70): E
Ion 97.00 (96.70 to 97.70): BF0
Ion 132.00 (131.70 to 132.70): E

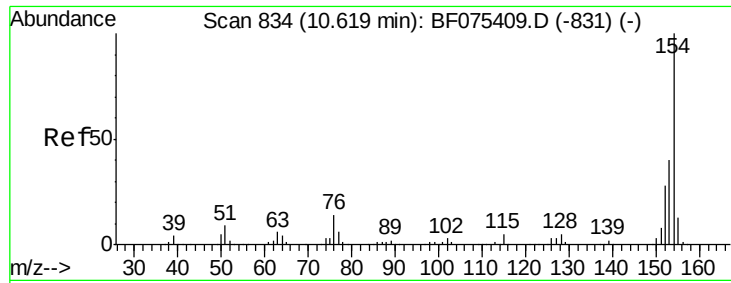


#44
2-Fluorobiphenyl
Concen: 126.38 ng
RT: 10.48 min Scan# 822
Delta R.T. 0.00 min
Lab File: BF075544.D
Acq: 15 Nov 2014 16:18

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
172	100		605502		
171	34.6	27.3	40.9		
170	23.3	18.4	27.6		

Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E





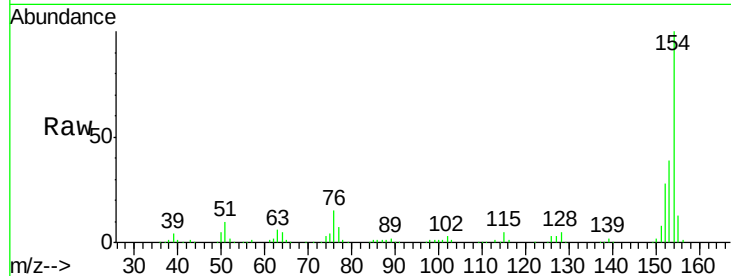
#45
 1,1'-Biphenyl
 Concen: 59.60 ng
 RT: 10.60 min Scan# 832
 Delta R.T. 0.00 min
 Lab File: BF075544.D
 Acq: 15 Nov 2014 16:18

Instrument :
 BNA_F
 ClientSampleId :
 REC-2-1(1.5-2.0)MS

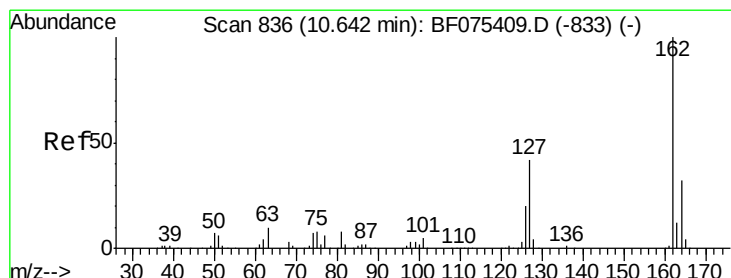
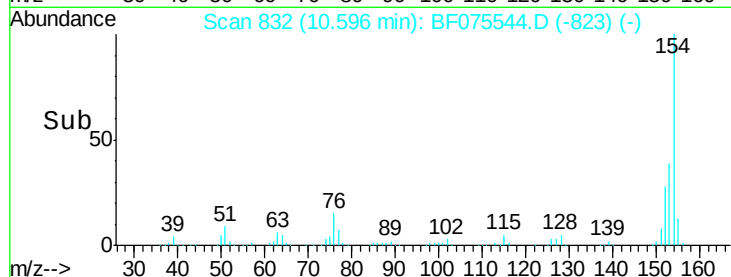
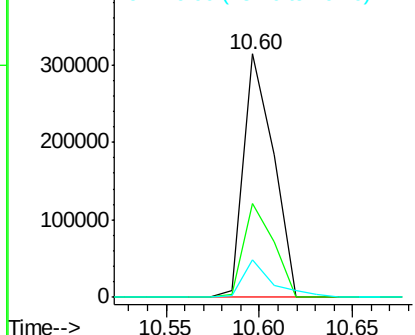
Tot Ion:	154	Resp:	348053
Ion Ratio	Lower	Upper	
154	100		
153	38.6	19.3	59.3
76	15.2	0.0	35.0

Manual Integrations
 APPROVED

mohammad
 11/17/2014 7:36:21 PM

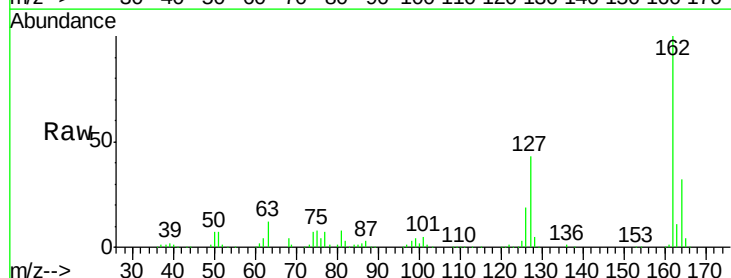


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

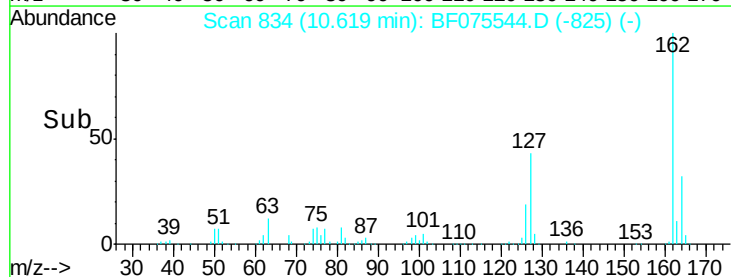
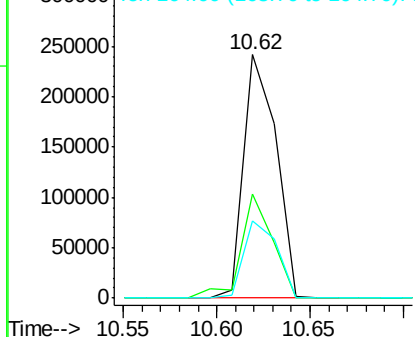


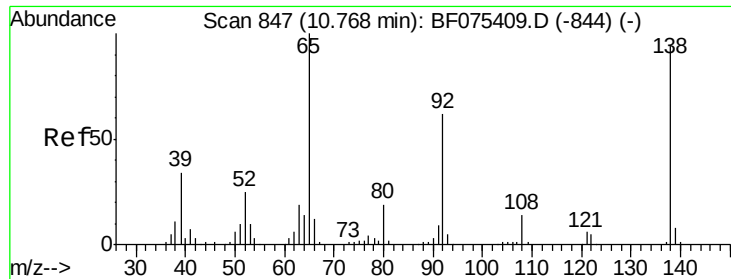
#46
 2-Chloronaphthalene
 Concen: 63.72 ng
 RT: 10.62 min Scan# 834
 Delta R.T. 0.00 min
 Lab File: BF075544.D
 Acq: 15 Nov 2014 16:18

Tgt Ion:	162	Resp:	290968
Ion Ratio	Lower	Upper	
162	100		
127	42.6	34.6	51.8
164	31.6	25.1	37.7



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





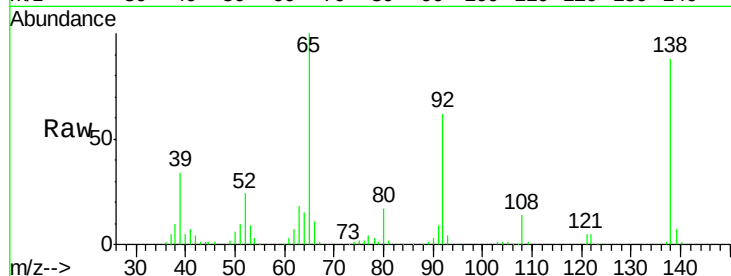
#47
2-Nitroaniline
Concen: 66.19 ng
RT: 10.74 min Scan# 845
Delta R.T. 0.00 min
Lab File: BF075544.D
Acq: 15 Nov 2014 16:18

Instrument :
BNA_F
ClientSampleId :
REC-2-1(1.5-2.0)MS

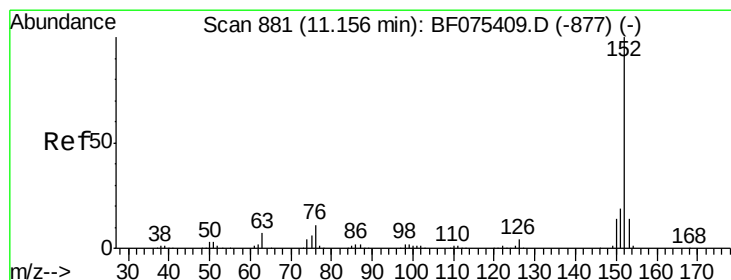
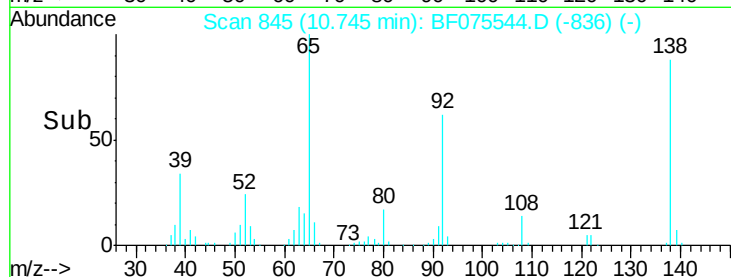
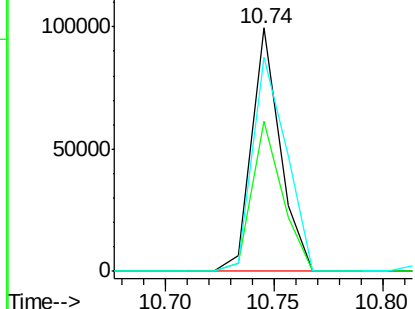
Tot Ion	Ratio	Lower	Upper
65	100		
92	61.5	46.7	70.1
138	88.2	62.8	94.2

Manual Integrations
APPROVED

mohammad
11/17/2014 7:36:21 PM

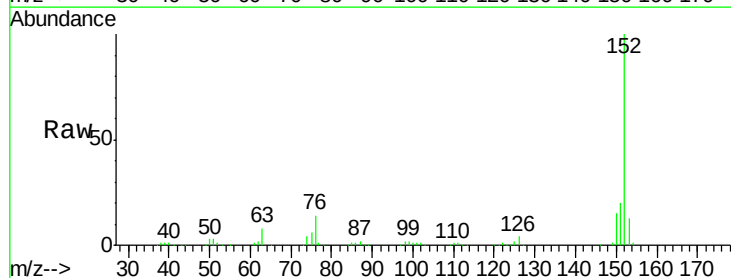


Abundance Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0
Ion 138.00 (137.70 to 138.70): BF0

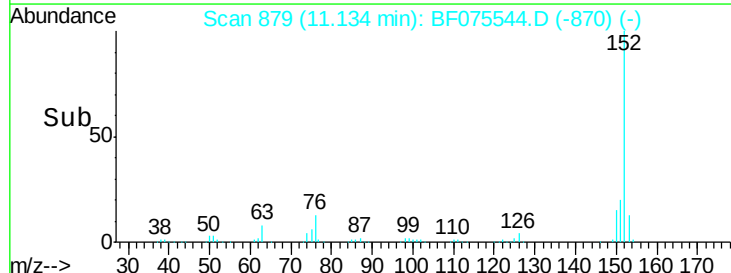
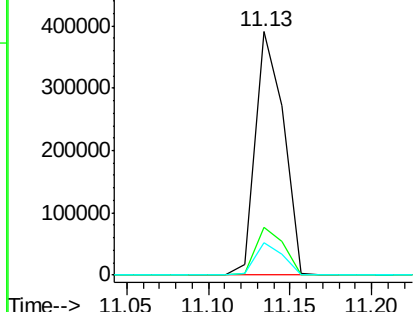


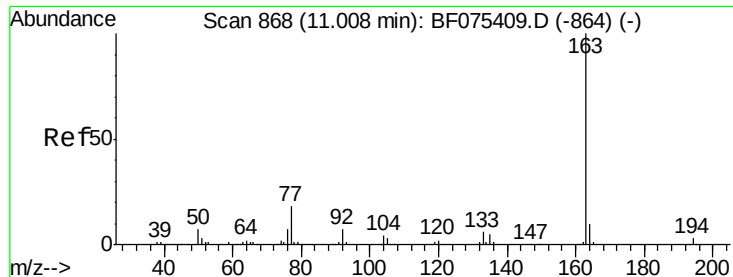
#48
Acenaphthylene
Concen: 62.21 ng
RT: 11.13 min Scan# 879
Delta R.T. 0.00 min
Lab File: BF075544.D
Acq: 15 Nov 2014 16:18

Tgt Ion	Ratio	Lower	Upper
152	100		
151	19.7	15.4	23.2
153	13.4	10.0	15.0



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E





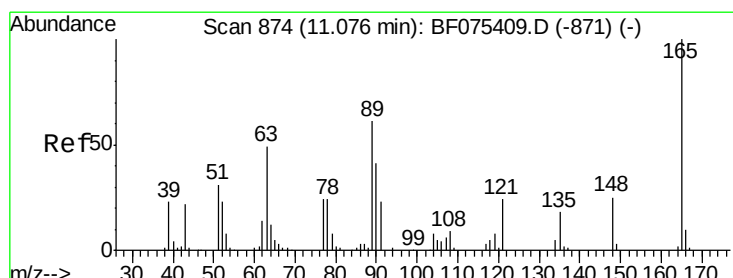
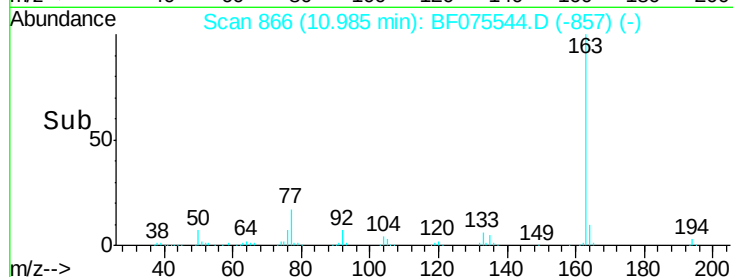
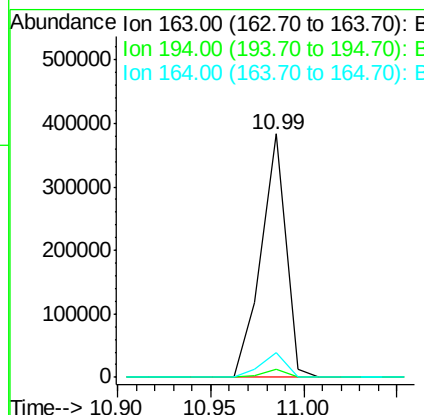
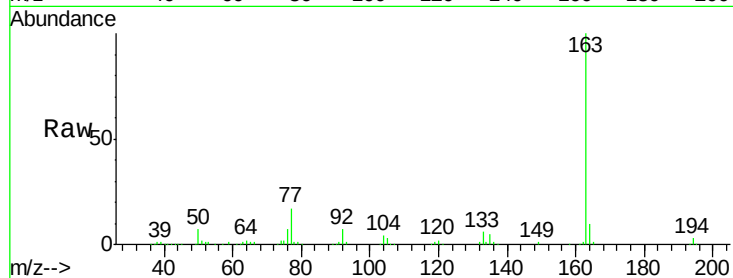
#49
Dimethylphthalate
Concen: 59.61 ng
RT: 10.99 min Scan# 866
Delta R.T. 0.00 min
Lab File: BF075544.D
Acq: 15 Nov 2014 16:18

Instrument :
BNA_F
ClientSampleId :
REC-2-1(1.5-2.0)MS

Tot Ion	Ratio	Resp	Lower	Upper
163	100	352793		
194	3.2		2.7	4.1
164	10.0		8.0	12.0

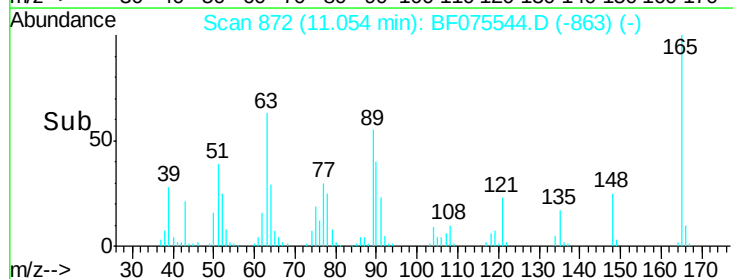
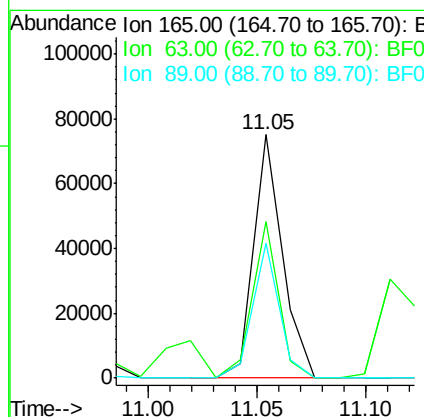
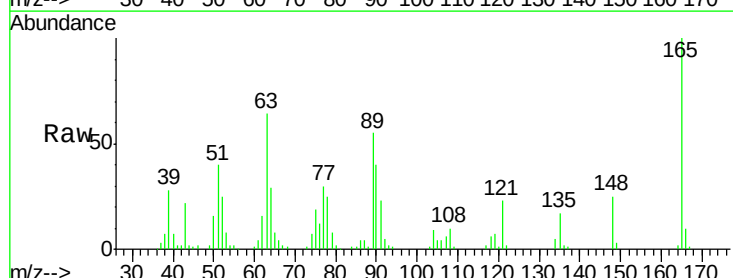
Manual Integrations
APPROVED

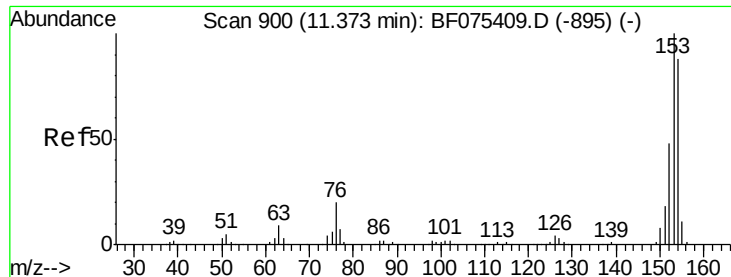
mohammad
11/17/2014 7:36:21 PM



#50
2,6-Dinitrotoluene
Concen: 59.21 ng
RT: 11.05 min Scan# 872
Delta R.T. 0.00 min
Lab File: BF075544.D
Acq: 15 Nov 2014 16:18

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	69024		
63	64.2		61.2	91.8
89	55.2		52.5	78.7





#51

Acenaphthene

Concen: 66.02 ng

RT: 11.35 min Scan# 898

Delta R.T. 0.00 min

Lab File: BF075544.D

Acq: 15 Nov 2014 16:18

Instrument :

BNA_F

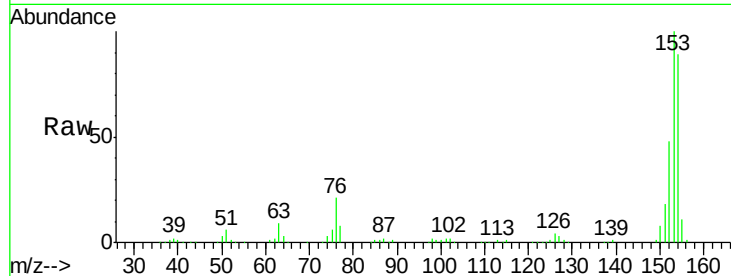
ClientSampleId :

REC-2-1(1.5-2.0)MS

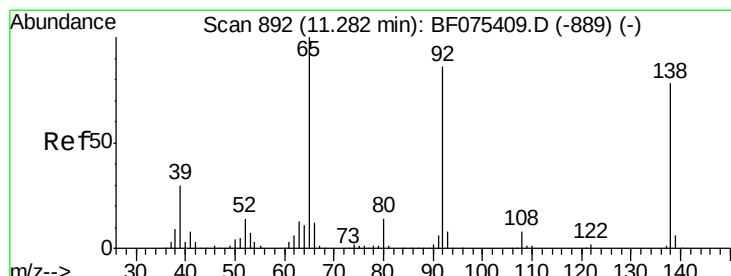
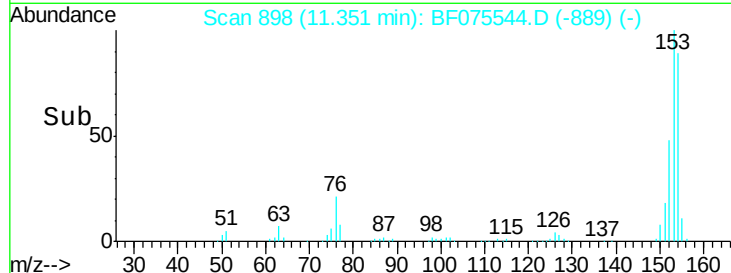
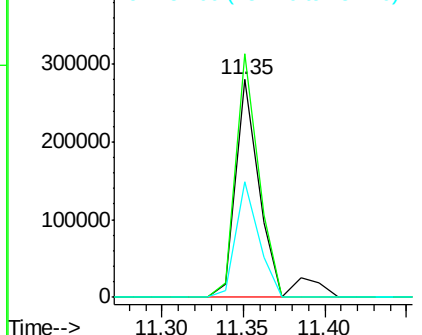
Tot Ion:	154	Resp:	300022
Ion Ratio	Lower	Upper	
154	100		
153	111.8	91.2	136.8
152	53.2	43.4	65.0

Manual Integrations
APPROVED

mohammad
11/17/2014 7:36:21 PM



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



#52

3-Nitroaniline

Concen: 45.10 ng

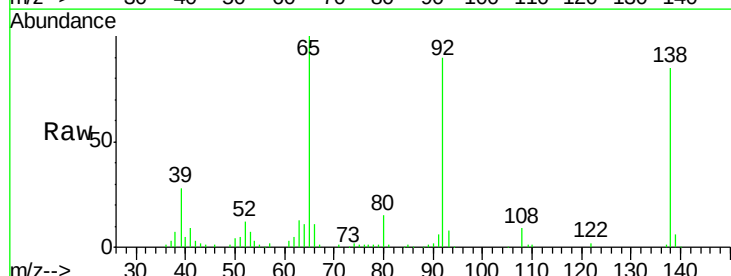
RT: 11.26 min Scan# 890

Delta R.T. 0.00 min

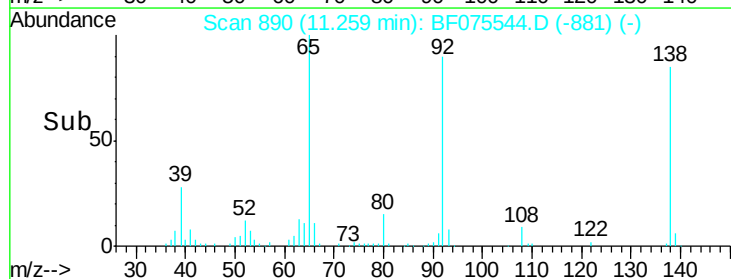
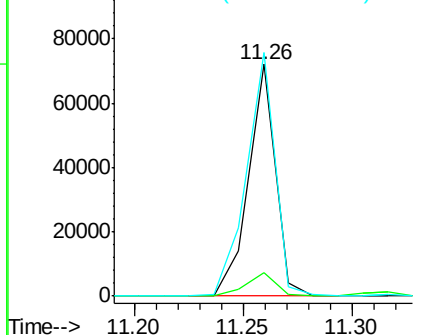
Lab File: BF075544.D

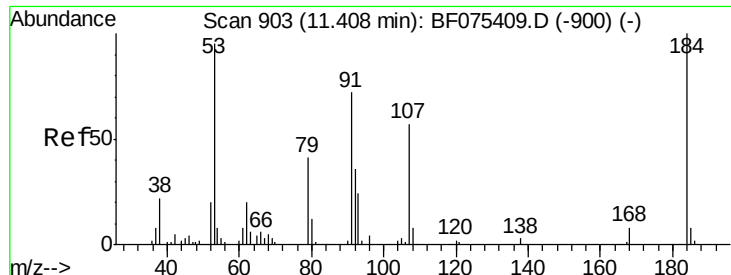
Acq: 15 Nov 2014 16:18

Tgt Ion:	138	Resp:	61992
Ion Ratio	Lower	Upper	
138	100		
108	10.0	10.2	15.2#
92	105.1	91.0	136.6



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





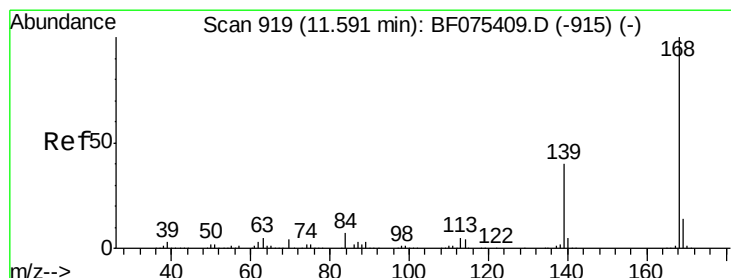
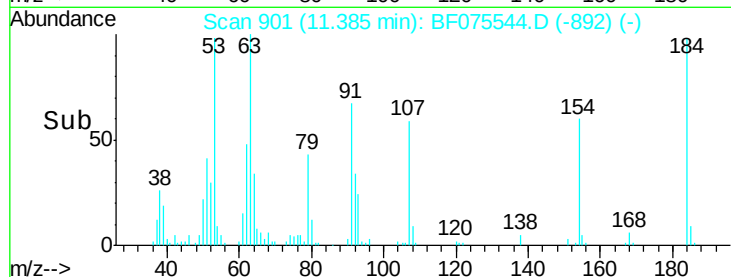
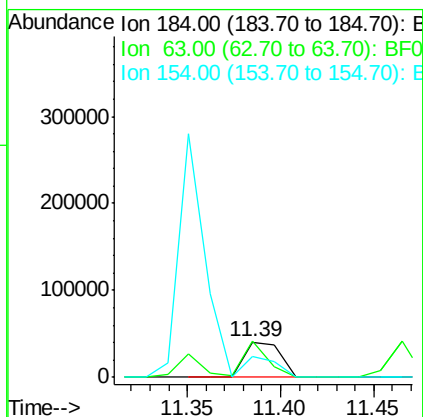
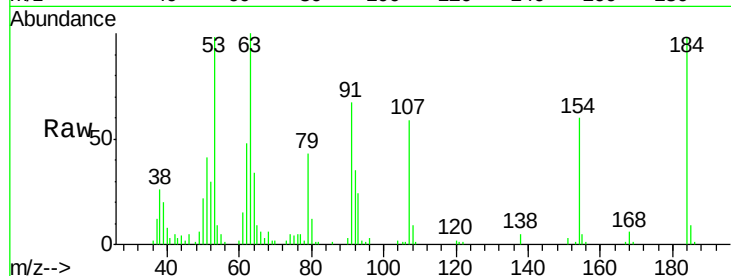
#53
2,4-Dinitrophenol
Concen: 82.52 ng
RT: 11.39 min Scan# 901
Delta R.T. 0.00 min
Lab File: BF075544.D
Acq: 15 Nov 2014 16:18

Instrument :
BNA_F
ClientSampleId :
REC-2-1(1.5-2.0)MS

Tot Ion	Ratio	Lower	Upper
184	100		
63	101.9	96.3	144.5
154	60.7	56.2	84.4

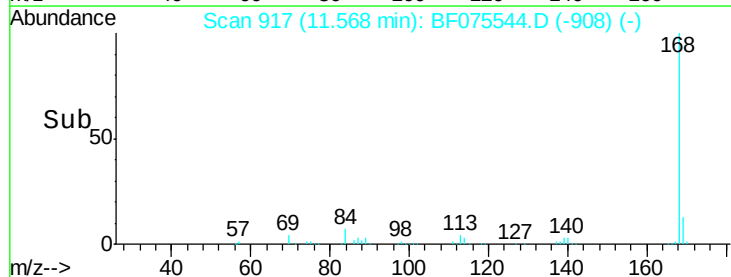
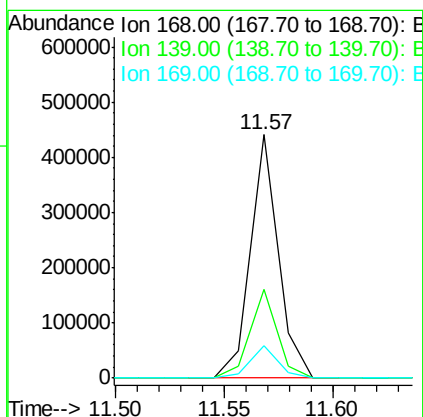
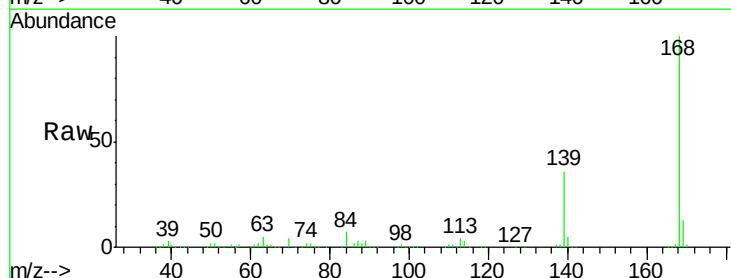
Manual Integrations
APPROVED

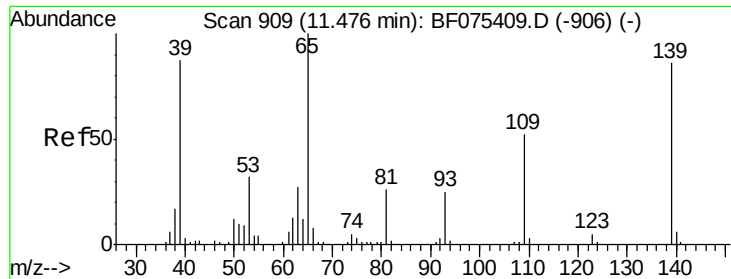
mohammad
11/17/2014 7:36:21 PM



#54
Dibenzofuran
Concen: 60.29 ng
RT: 11.57 min Scan# 917
Delta R.T. 0.00 min
Lab File: BF075544.D
Acq: 15 Nov 2014 16:18

Tgt Ion	Ratio	Lower	Upper
168	100		
139	36.5	33.0	49.4
169	13.2	10.8	16.2





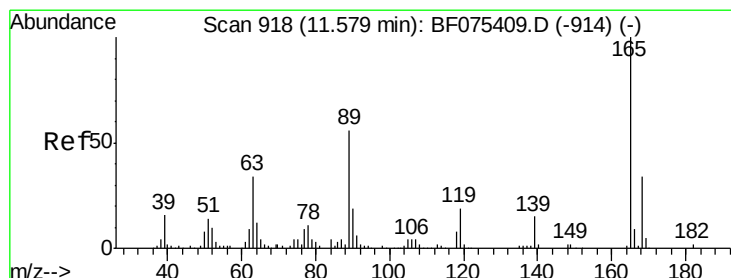
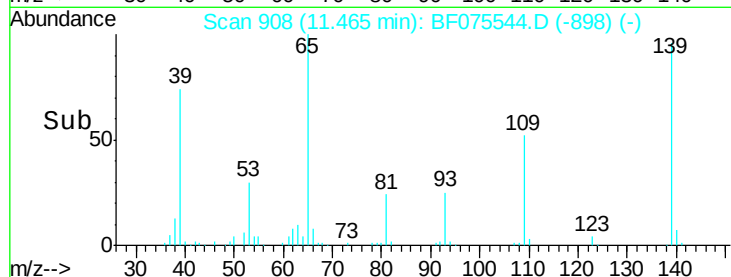
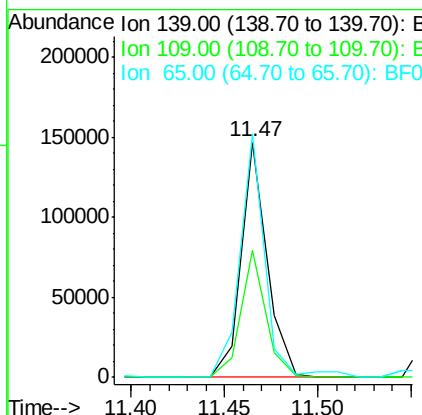
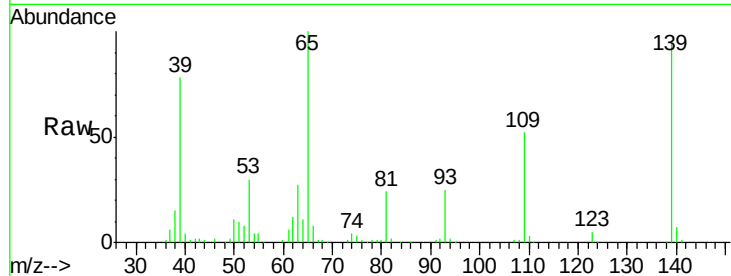
#55
4-Nitrophenol
Concen: 129.05 ng
RT: 11.47 min Scan# 908
Delta R.T. 0.01 min
Lab File: BF075544.D
Acq: 15 Nov 2014 16:18

Instrument :
BNA_F
ClientSampleId :
REC-2-1(1.5-2.0)MS

Tot Ion	Ratio	Resp	Lower	Upper
139	100	141798		
109	54.1	45.8	85.8	
65	103.8	94.8	134.8	

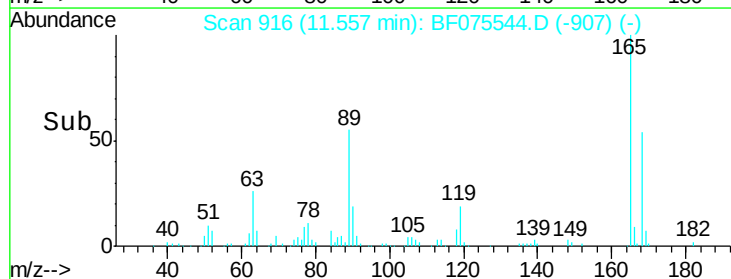
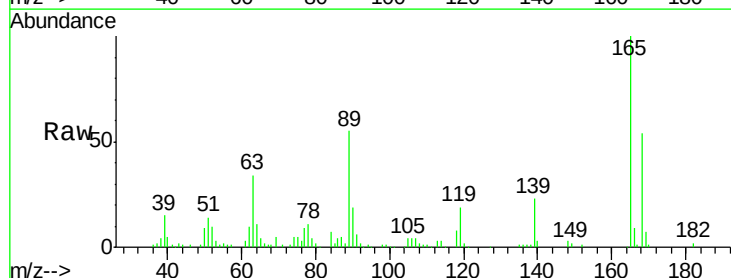
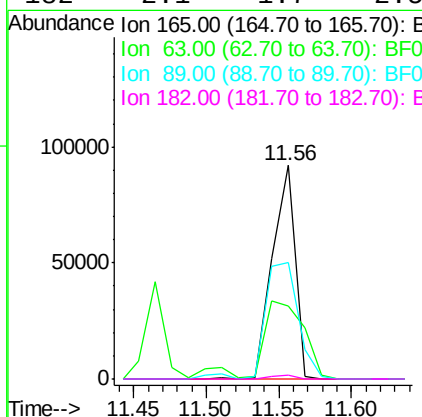
Manual Integrations
APPROVED

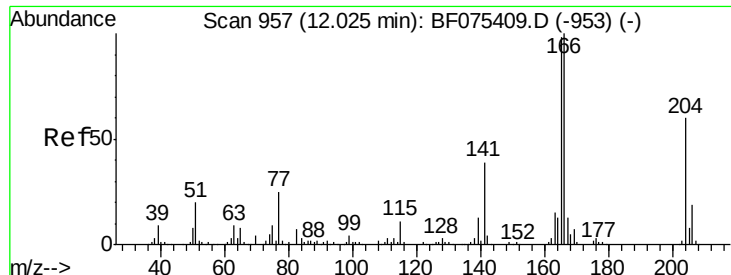
mohammad
11/17/2014 7:36:21 PM



#56
2,4-Dinitrotoluene
Concen: 65.55 ng
RT: 11.56 min Scan# 916
Delta R.T. 0.00 min
Lab File: BF075544.D
Acq: 15 Nov 2014 16:18

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	100386		
63	34.4	27.0	40.6	
89	54.7	47.8	71.6	
182	2.1	1.7	2.5	





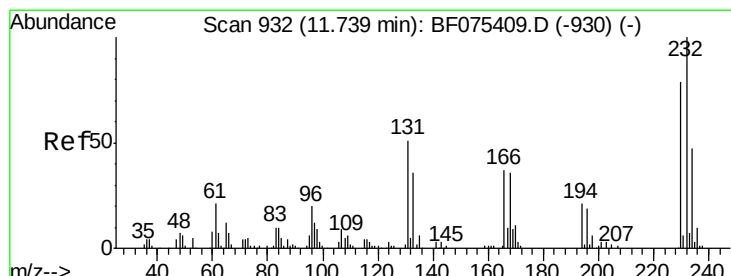
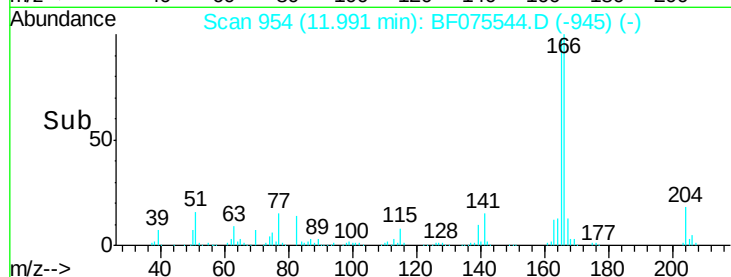
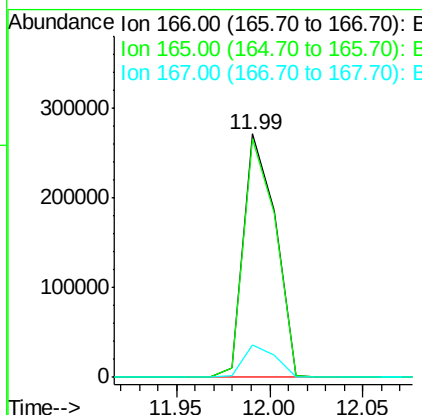
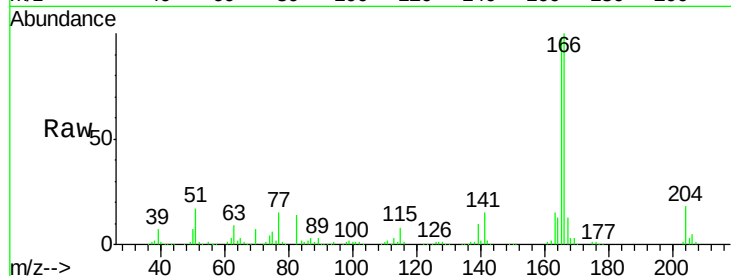
#57
 Fluorene
 Concen: 61.56 ng
 RT: 11.99 min Scan# 954
 Delta R.T. 0.00 min
 Lab File: BF075544.D
 Acq: 15 Nov 2014 16:18

Instrument :
 BNA_F
 ClientSampleId :
 REC-2-1(1.5-2.0)MS

Tot Ion	Ratio	Lower	Upper
166	100		
165	98.0	78.8	118.2
167	13.4	10.6	15.8

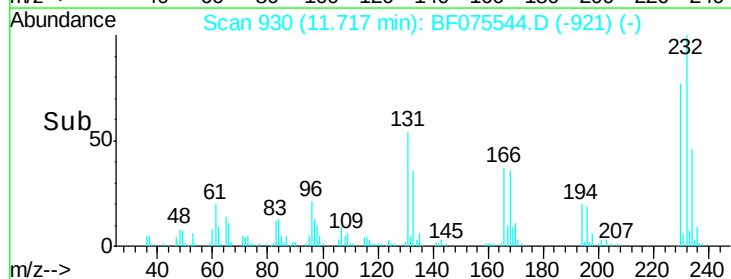
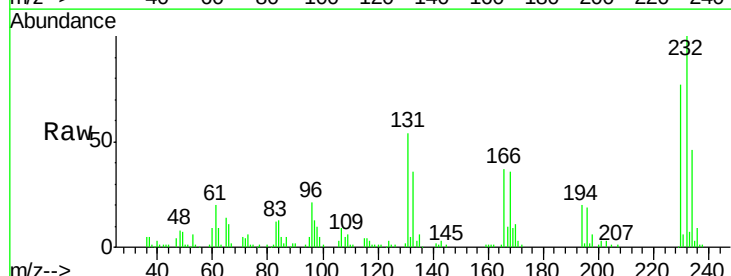
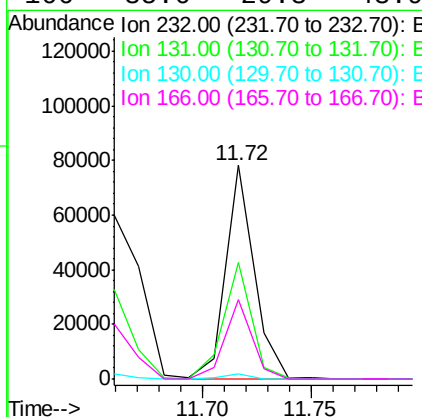
Manual Integrations
 APPROVED

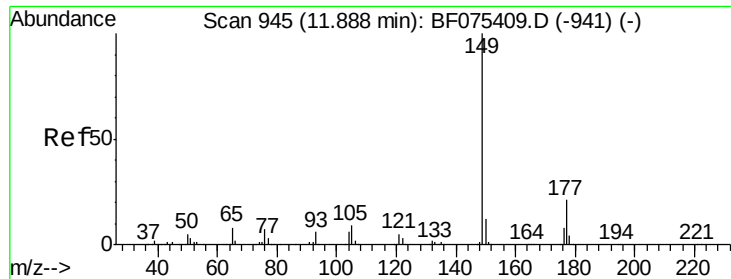
mohammad
 11/17/2014 7:36:21 PM



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 60.61 ng
 RT: 11.72 min Scan# 930
 Delta R.T. 0.00 min
 Lab File: BF075544.D
 Acq: 15 Nov 2014 16:18

Tgt Ion	Ratio	Lower	Upper
232	100		
131	54.2	44.6	67.0
130	2.2	2.5	3.7#
166	35.6	29.3	43.9





#59

Diethylphthalate

Concen: 54.06 ng

RT: 11.87 min Scan# 943

Delta R.T. 0.00 min

Lab File: BF075544.D

Acq: 15 Nov 2014 16:18

Instrument :

BNA_F

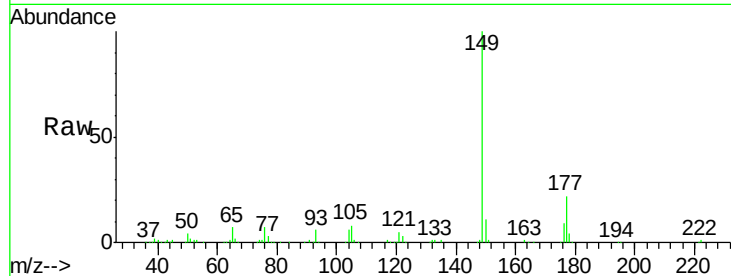
ClientSampleId :

REC-2-1(1.5-2.0)MS

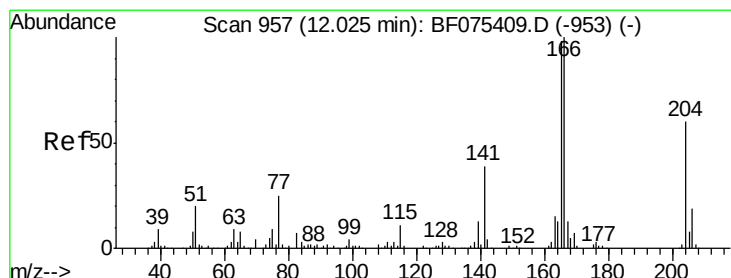
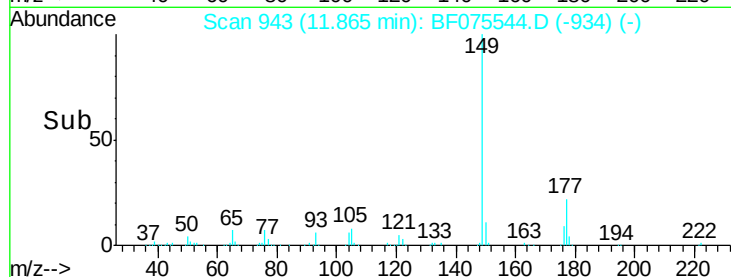
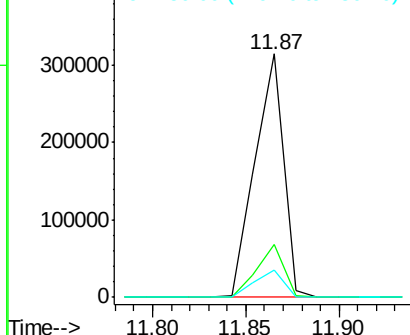
Tot Ion:	149	Resp:	332004
Ion Ratio	Lower	Upper	
149	100		
177	21.6	15.8	23.8
150	11.5	9.9	14.9

Manual Integrations
APPROVED

mohammad
11/17/2014 7:36:21 PM



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



#60

4-Chlorophenyl-phenylether

Concen: 59.58 ng

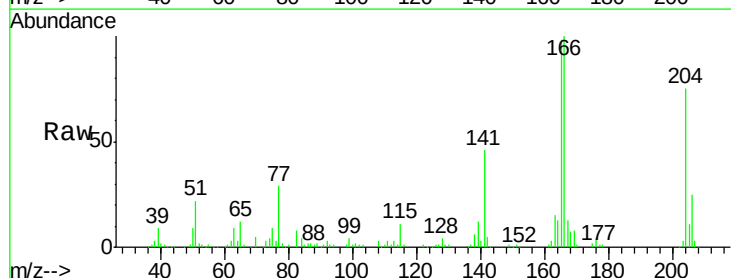
RT: 12.00 min Scan# 955

Delta R.T. 0.00 min

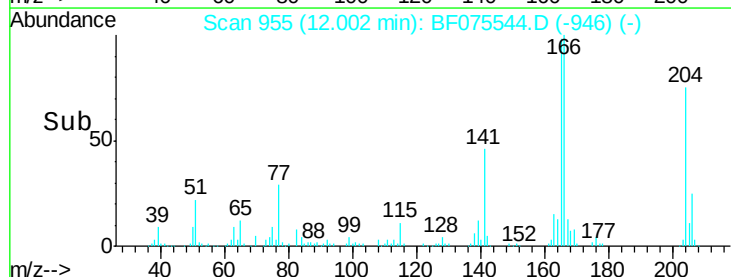
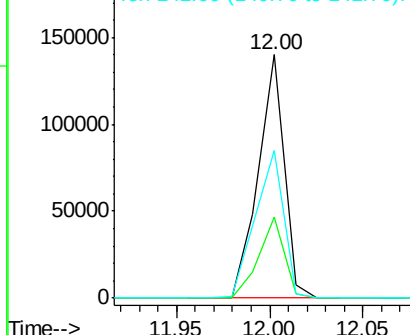
Lab File: BF075544.D

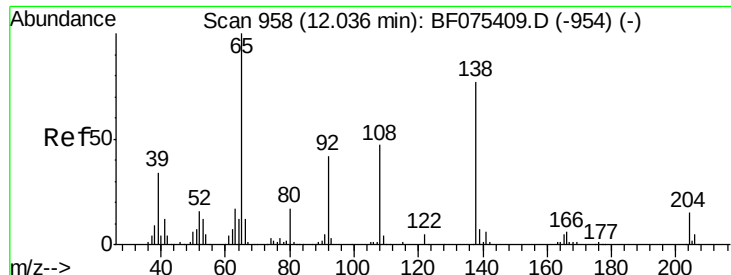
Acq: 15 Nov 2014 16:18

Tgt Ion:	204	Resp:	134565
Ion Ratio	Lower	Upper	
204	100		
206	33.2	25.1	37.7
141	60.6	58.6	87.8



Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E





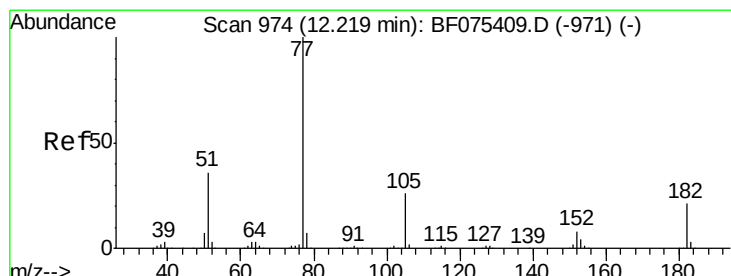
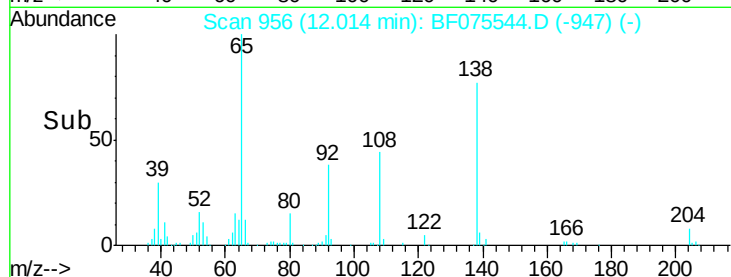
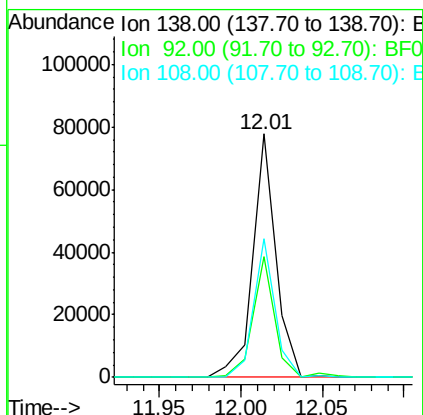
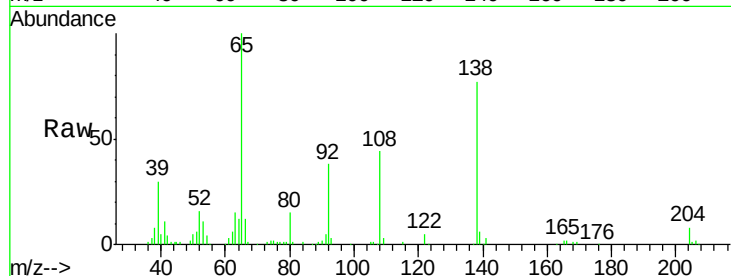
#61
4-Nitroaniline
Concen: 56.00 ng
RT: 12.01 min Scan# 956
Delta R.T. 0.00 min
Lab File: BF075544.D
Acq: 15 Nov 2014 16:18

Instrument :
BNA_F
ClientSampleId :
REC-2-1(1.5-2.0)MS

Tot Ion	Ratio	Lower	Upper
138	100		
92	49.6	34.8	74.8
108	57.0	50.6	90.6

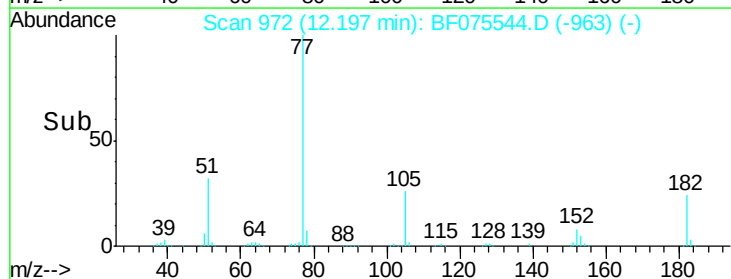
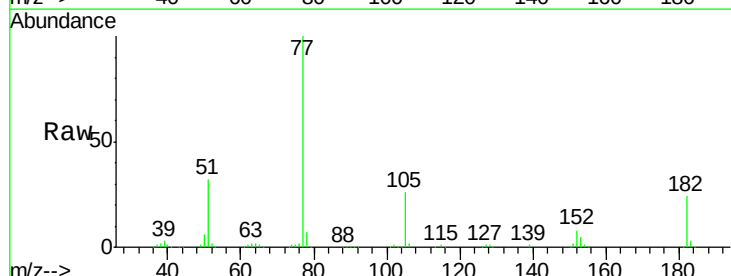
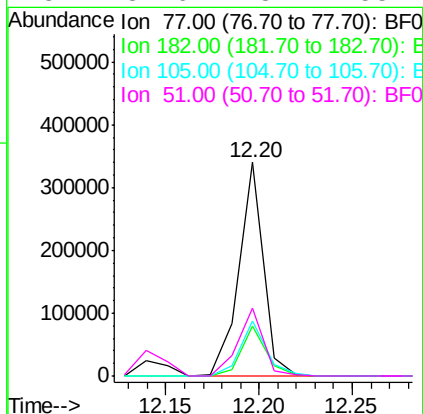
Manual Integrations
APPROVED

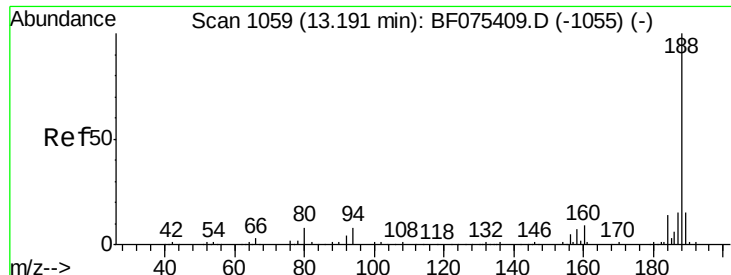
mohammad
11/17/2014 7:36:21 PM



#62
Azobenzene
Concen: 57.96 ng
RT: 12.20 min Scan# 972
Delta R.T. 0.00 min
Lab File: BF075544.D
Acq: 15 Nov 2014 16:18

Tgt Ion	Ratio	Lower	Upper
77	100		
182	23.5	0.0	37.1
105	26.0	3.7	43.7
51	31.6	18.7	58.7





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 13.16 min Scan# 1056

Delta R.T. 0.00 min

Lab File: BF075544.D

Acq: 15 Nov 2014 16:18

Instrument :

BNA_F

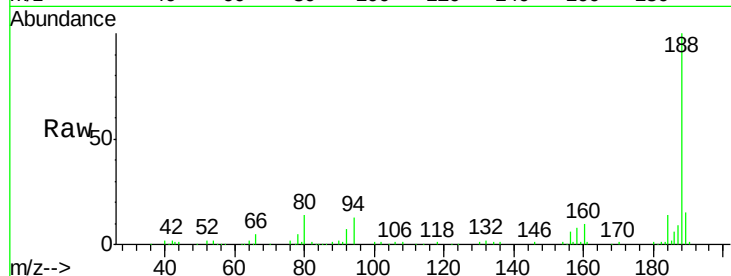
ClientSampleId :

REC-2-1(1.5-2.0)MS

Tot Ion:	188	Resp:	147715
Ion Ratio	Lower	Upper	
188	100		
94	12.9	7.8	11.6#
80	13.9	8.0	12.0#

Manual Integrations
APPROVED

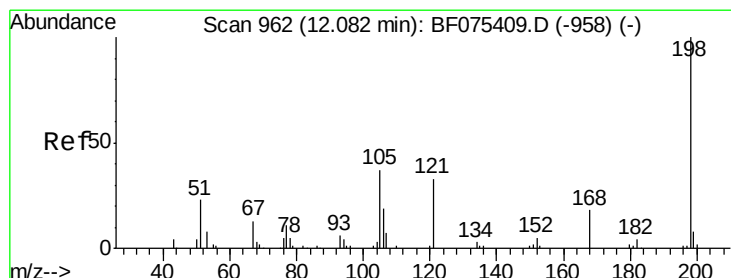
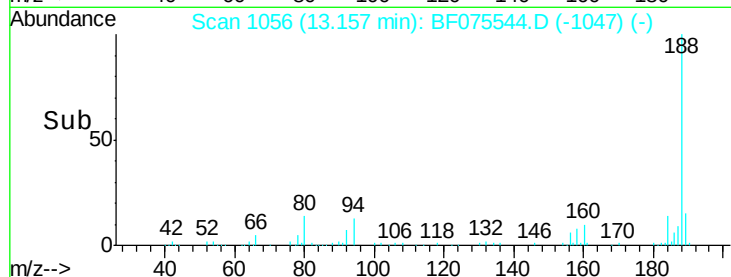
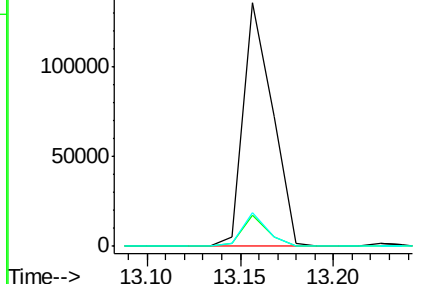
mohammad
11/17/2014 7:36:21 PM



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



#64

4,6-Dinitro-2-methylphenol

Concen: 54.71 ng

RT: 12.05 min Scan# 959

Delta R.T. 0.00 min

Lab File: BF075544.D

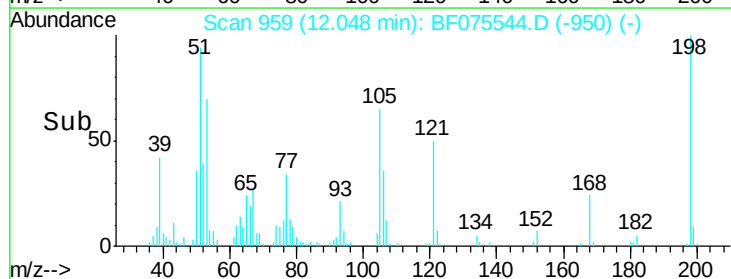
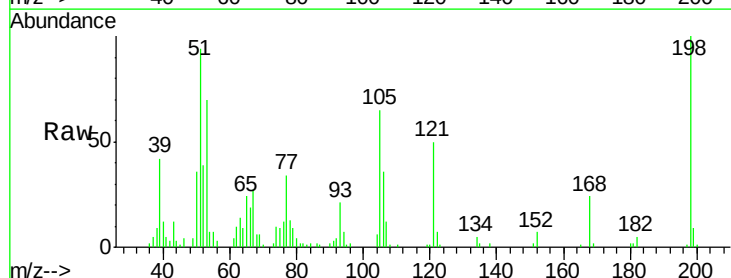
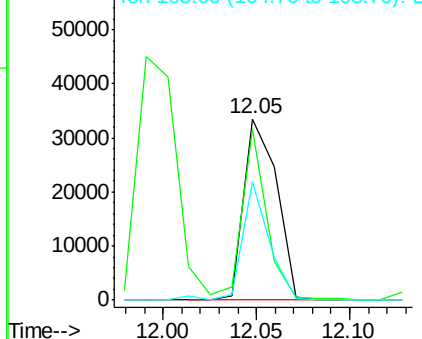
Acq: 15 Nov 2014 16:18

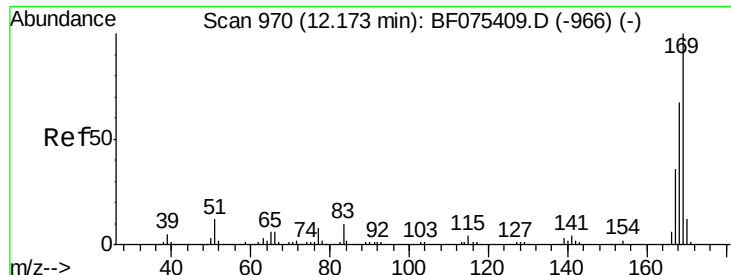
Tgt Ion:	198	Resp:	40872
Ion Ratio	Lower	Upper	
198	100		
51	94.2	26.0	66.0#
105	65.2	24.2	64.2#

Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E





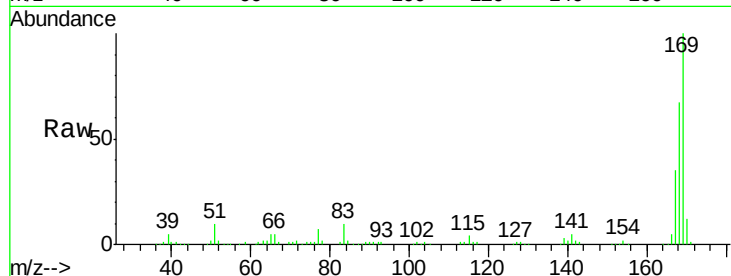
#65
 n-Nitrosodiphenylamine
 Concen: 57.85 ng
 RT: 12.15 min Scan# 968
 Delta R.T. 0.01 min
 Lab File: BF075544.D
 Acq: 15 Nov 2014 16:18

Instrument :
 BNA_F
 ClientSampleId :
 REC-2-1(1.5-2.0)MS

Tot Ion	Ratio	Lower	Upper
169	100		
168	67.3	53.5	80.3
167	35.3	29.8	44.6

Manual Integrations
 APPROVED

mohammad
 11/17/2014 7:36:21 PM

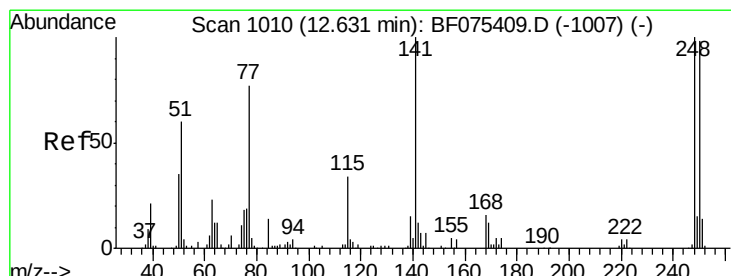
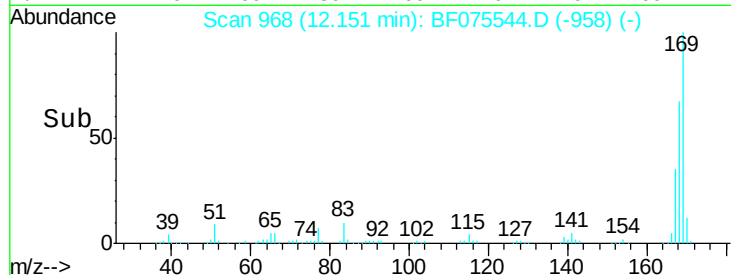
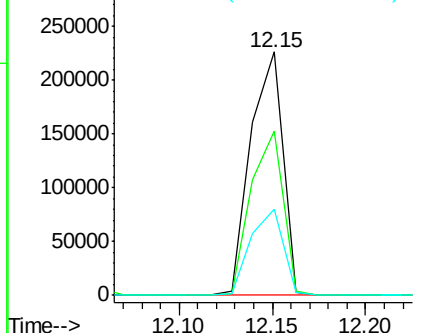


Abundance

Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66
 4-Bromophenyl-phenylether
 Concen: 57.41 ng
 RT: 12.61 min Scan# 1008
 Delta R.T. 0.00 min
 Lab File: BF075544.D
 Acq: 15 Nov 2014 16:18

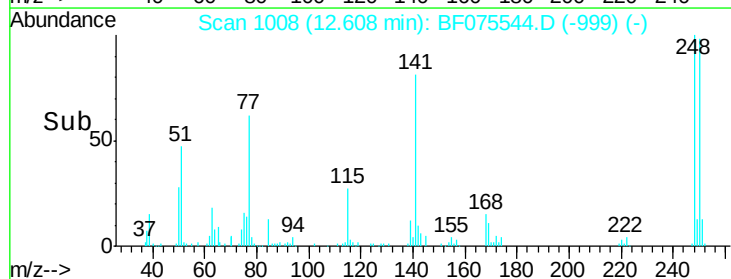
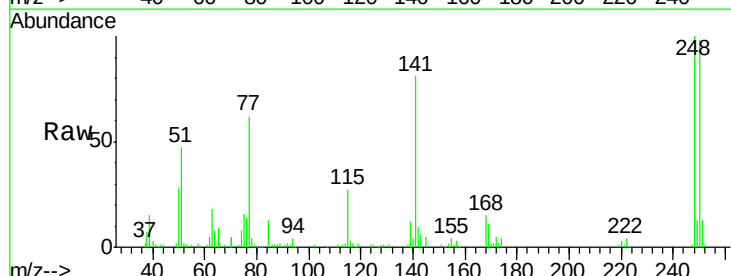
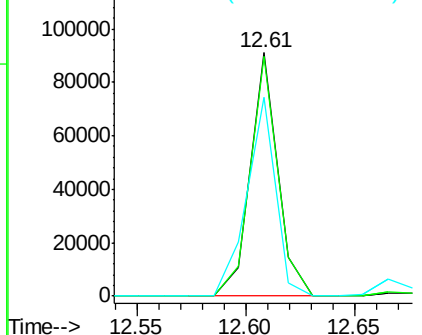
Tgt Ion	Ratio	Lower	Upper
248	100		
250	98.2	76.3	114.5
141	81.4	44.3	66.5

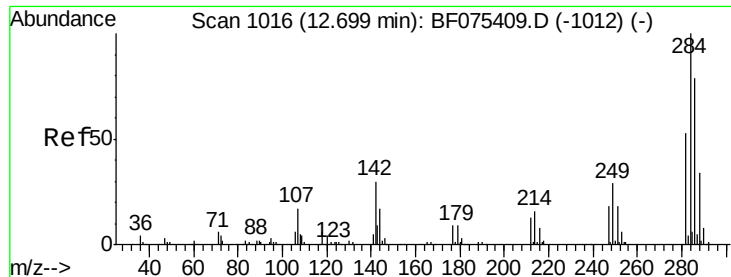
Abundance

Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





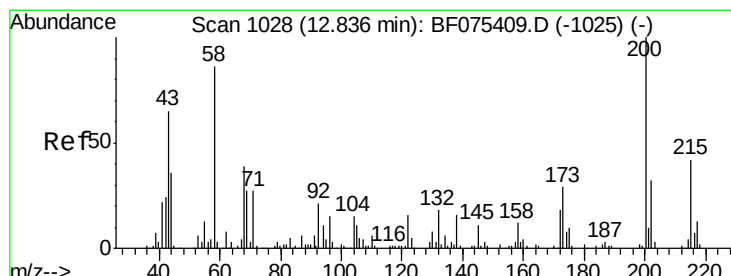
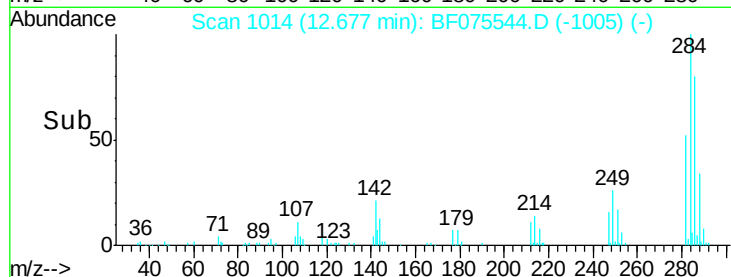
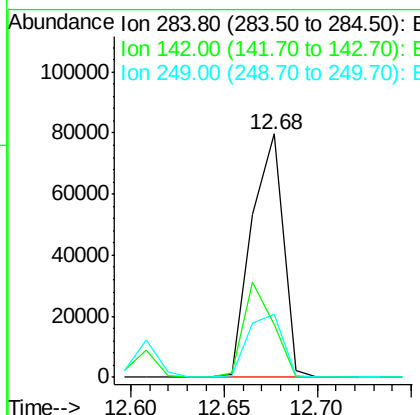
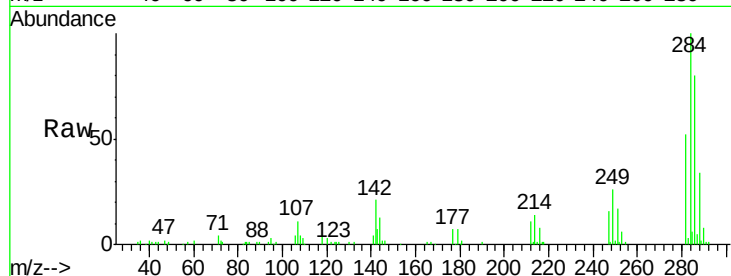
#67
Hexachlorobenzene
Concen: 59.29 ng
RT: 12.68 min Scan# 1014
Delta R.T. 0.00 min
Lab File: BF075544.D
Acq: 15 Nov 2014 16:18

Instrument :
BNA_F
ClientSampleId :
REC-2-1(1.5-2.0)MS

Tot Ion	Ratio	Lower	Upper
284	100		
142	21.5	28.7	43.1#
249	25.9	24.1	36.1

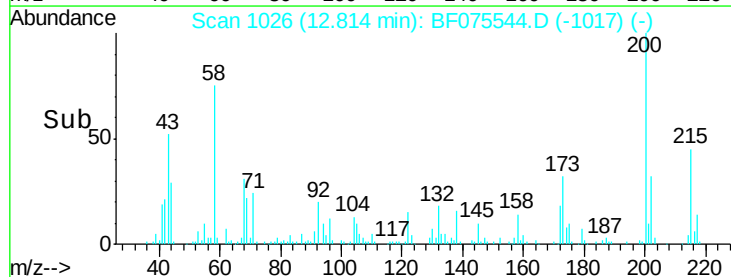
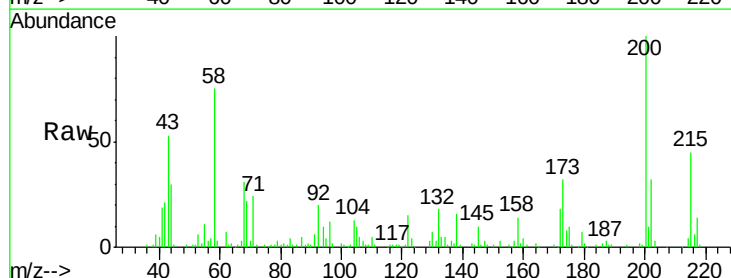
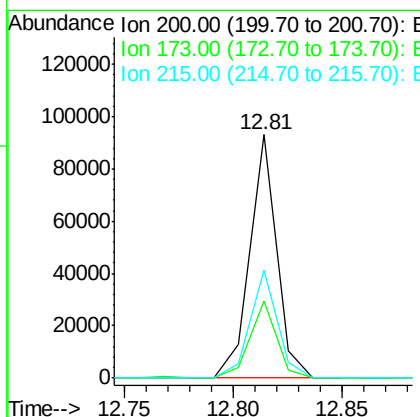
Manual Integrations
APPROVED

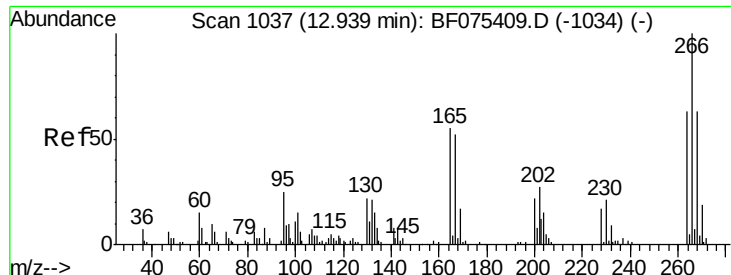
mohammad
11/17/2014 7:36:21 PM



#68
Atrazine
Concen: 55.13 ng
RT: 12.81 min Scan# 1026
Delta R.T. 0.00 min
Lab File: BF075544.D
Acq: 15 Nov 2014 16:18

Tgt Ion	Ratio	Lower	Upper
200	100		
173	31.7	12.3	52.3
215	44.5	23.8	63.8





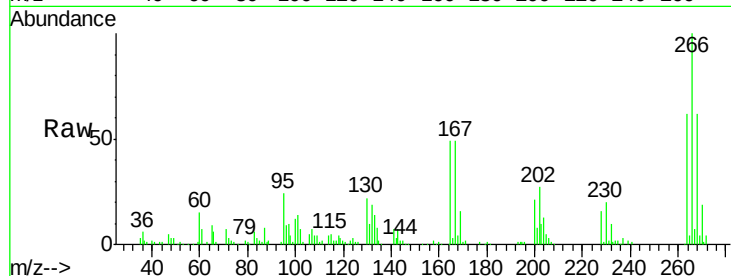
#69
 Pentachlorophenol
 Concen: 109.33 ng
 RT: 12.92 min Scan# 1035
 Delta R.T. 0.00 min
 Lab File: BF075544.D
 Acq: 15 Nov 2014 16:18

Instrument :
 BNA_F
 ClientSampleId :
 REC-2-1(1.5-2.0)MS

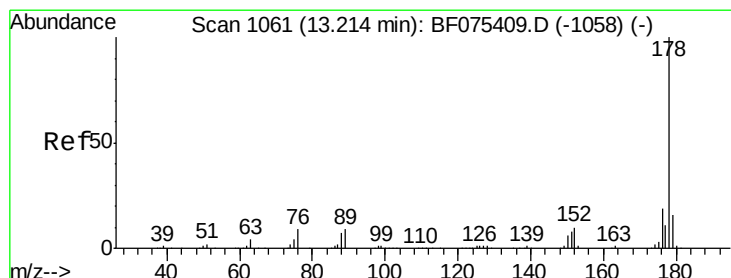
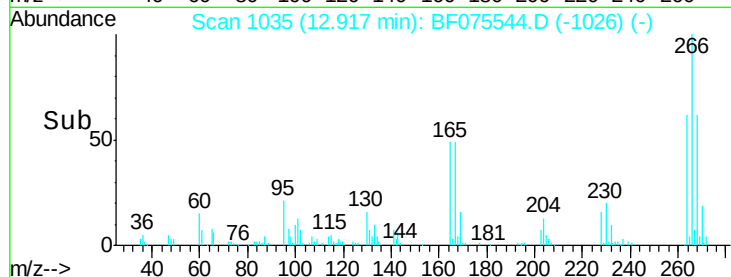
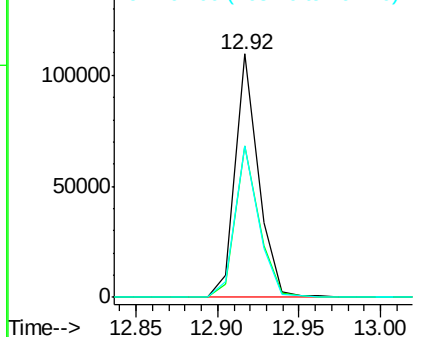
Tot Ion	Ratio	Resp	Lower	Upper
266	100	108291		
268	62.0		48.6	73.0
264	62.4		52.1	78.1

Manual Integrations
 APPROVED

mohammad
 11/17/2014 7:36:21 PM



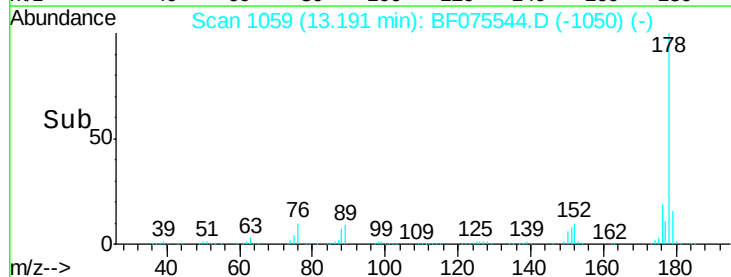
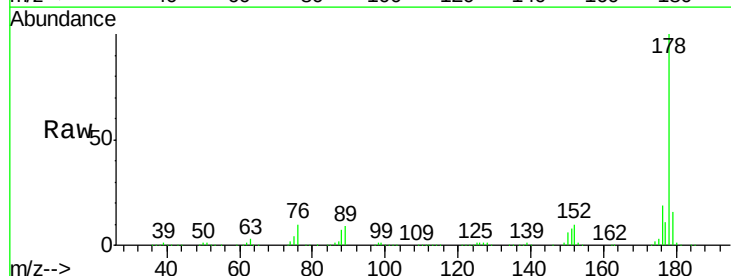
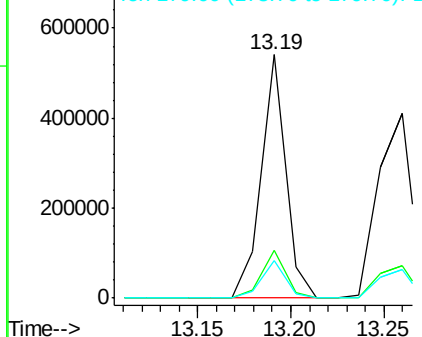
Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

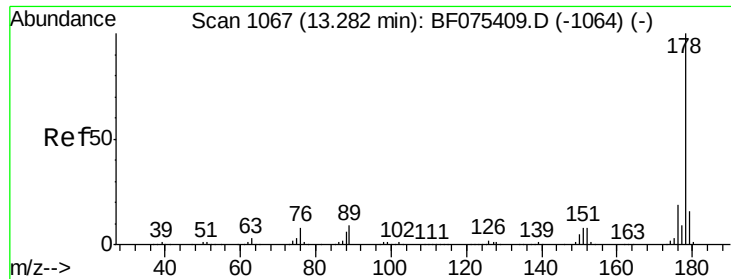


#70
 Phenanthrene
 Concen: 62.86 ng
 RT: 13.19 min Scan# 1059
 Delta R.T. 0.00 min
 Lab File: BF075544.D
 Acq: 15 Nov 2014 16:18

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	488685		
176	19.4		15.3	22.9
179	15.6		12.2	18.4

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





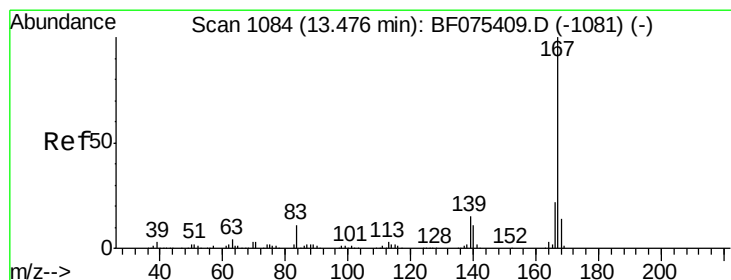
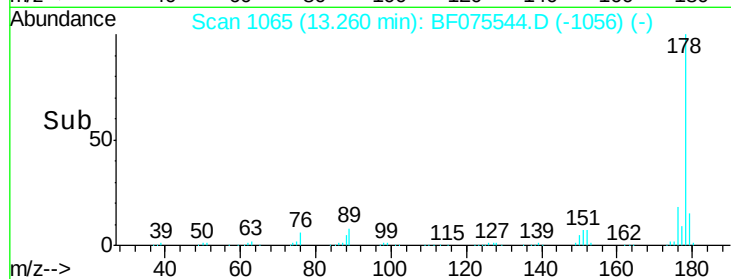
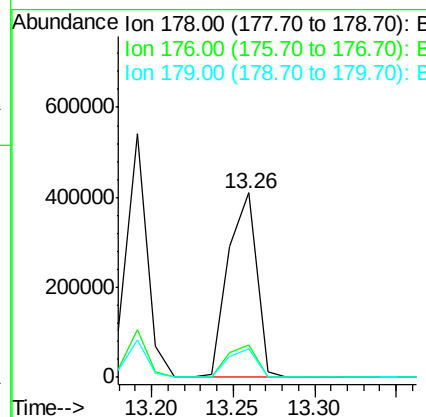
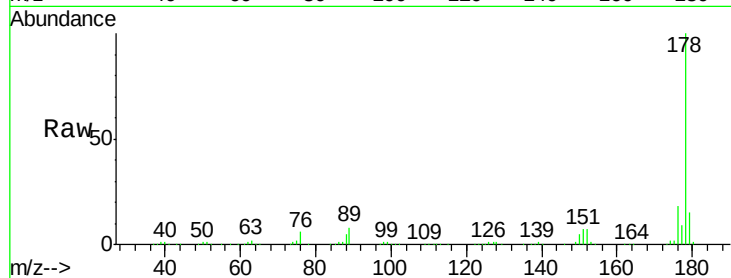
#71
 Anthracene
 Concen: 61.53 ng
 RT: 13.26 min Scan# 1065
 Delta R.T. 0.00 min
 Lab File: BF075544.D
 Acq: 15 Nov 2014 16:18

Instrument :
 BNA_F
 ClientSampleId :
 REC-2-1(1.5-2.0)MS

Tot Ion	Ratio	Lower	Upper
178	100		
176	17.9	15.1	22.7
179	15.3	12.2	18.2

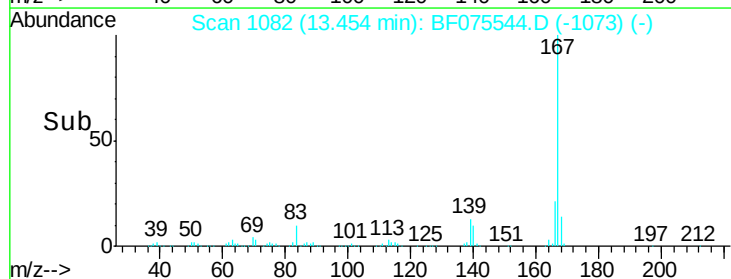
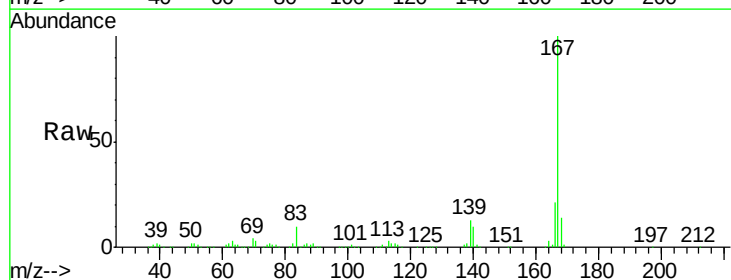
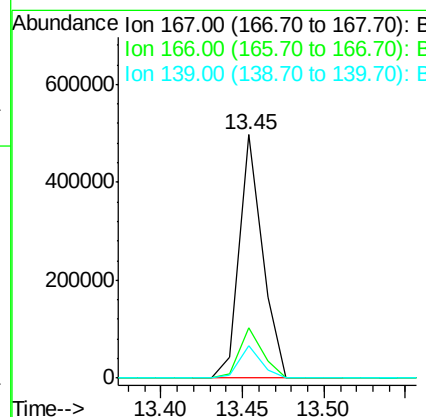
Manual Integrations
 APPROVED

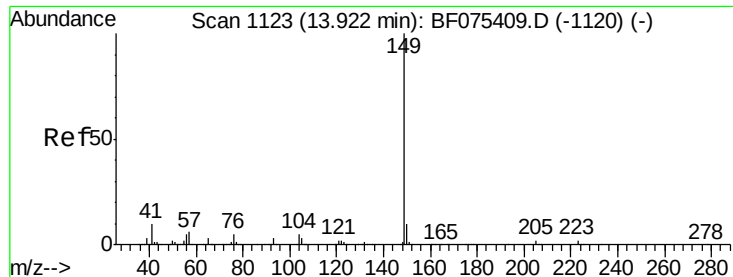
mohammad
 11/17/2014 7:36:21 PM



#72
 Carbazole
 Concen: 61.92 ng
 RT: 13.45 min Scan# 1082
 Delta R.T. 0.00 min
 Lab File: BF075544.D
 Acq: 15 Nov 2014 16:18

Tgt Ion	Ratio	Lower	Upper
167	100		
166	20.9	17.4	26.0
139	13.2	10.1	15.1





#73

Di-n-butylphthalate

Concen: 50.73 ng

RT: 13.90 min Scan# 1121

Delta R.T. 0.00 min

Lab File: BF075544.D

Acq: 15 Nov 2014 16:18

Instrument :

BNA_F

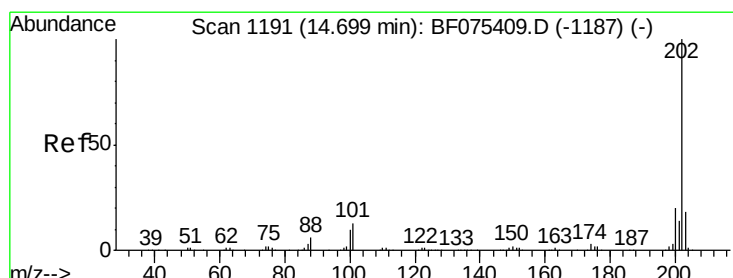
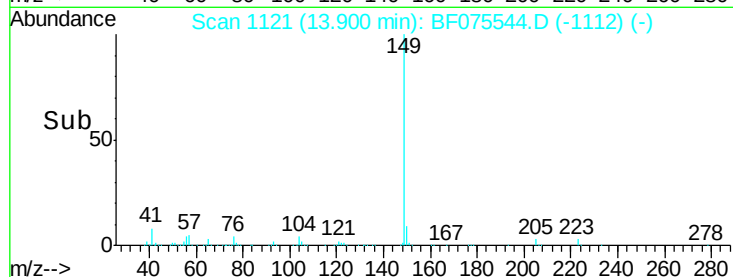
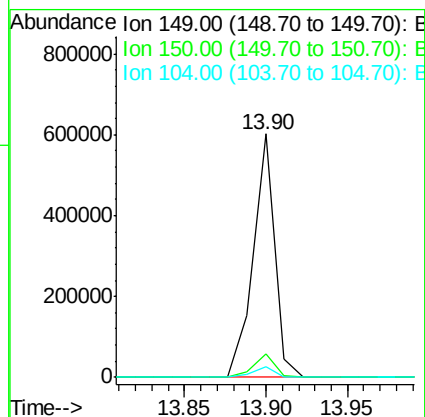
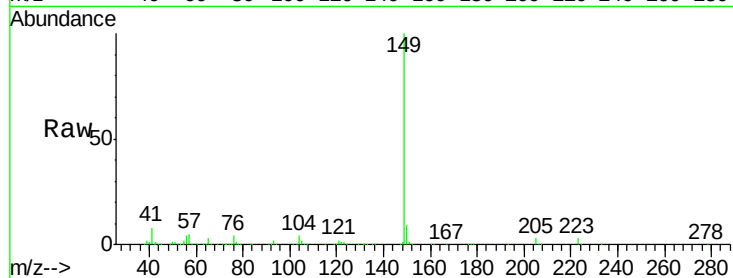
ClientSampleId :

REC-2-1(1.5-2.0)MS

Tot Ion:	149	Resp:	550996
Ion Ratio	Lower	Upper	
149	100		
150	9.5	7.3	10.9
104	4.2	3.1	4.7

Manual Integrations
APPROVED

mohammad
11/17/2014 7:36:21 PM



#74

Fluoranthene

Concen: 63.80 ng

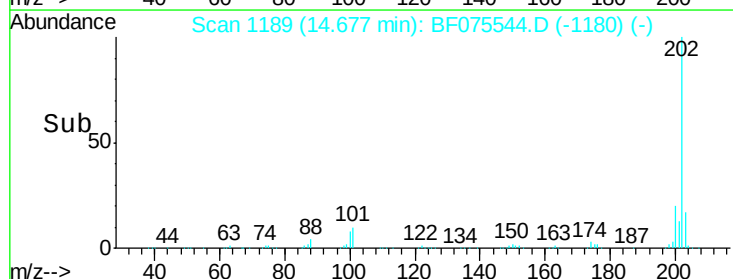
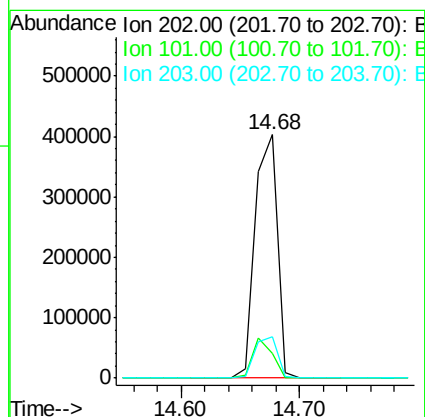
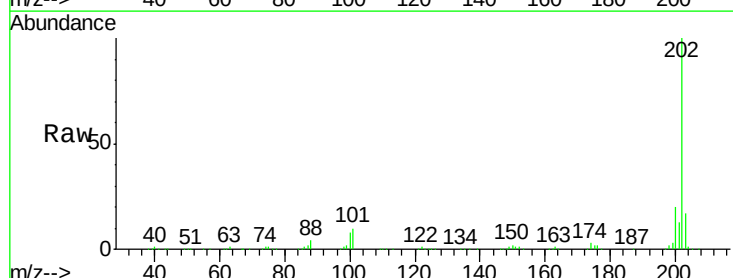
RT: 14.68 min Scan# 1189

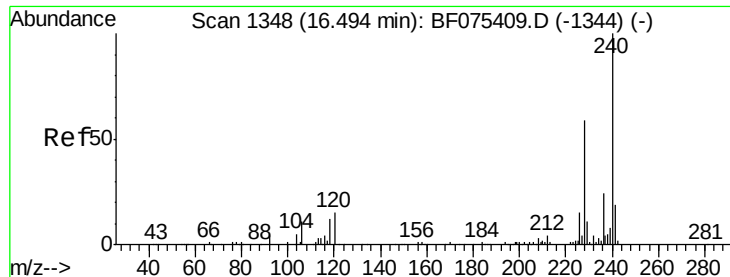
Delta R.T. 0.00 min

Lab File: BF075544.D

Acq: 15 Nov 2014 16:18

Tgt Ion:	202	Resp:	531260
Ion Ratio	Lower	Upper	
202	100		
101	10.2	0.0	36.6
203	16.8	0.0	38.2





#75

Chrysene-d12

Concen: 20.00 ng

RT: 16.46 min Scan# 1345

Delta R.T. 0.00 min

Lab File: BF075544.D

Acq: 15 Nov 2014 16:18

Instrument :

BNA_F

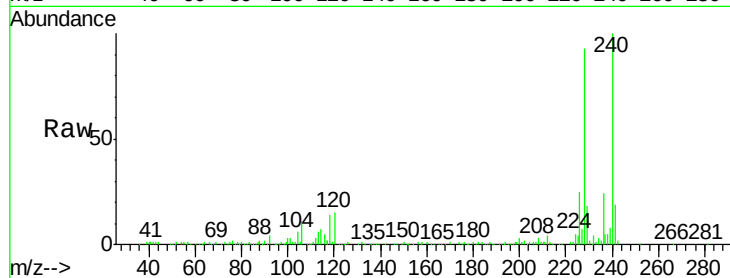
ClientSampleId :

REC-2-1(1.5-2.0)MS

Tot Ion	Ratio	Lower	Upper
240	100		
120	14.9	9.6	14.4#
236	24.0	18.9	28.3

Manual Integrations
APPROVED

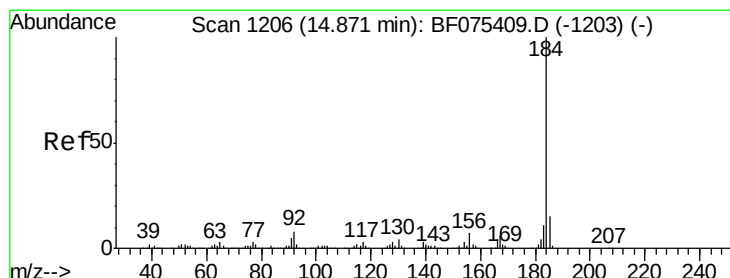
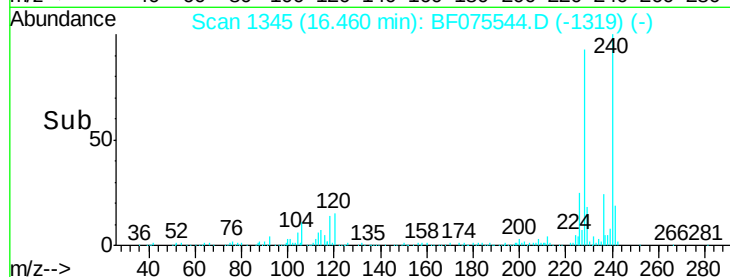
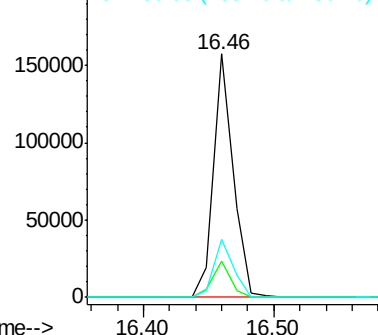
mohammad
11/17/2014 7:36:21 PM



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 29.76 ng

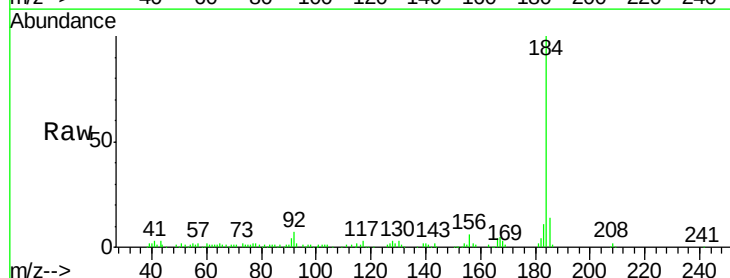
RT: 14.85 min Scan# 1204

Delta R.T. 0.00 min

Lab File: BF075544.D

Acq: 15 Nov 2014 16:18

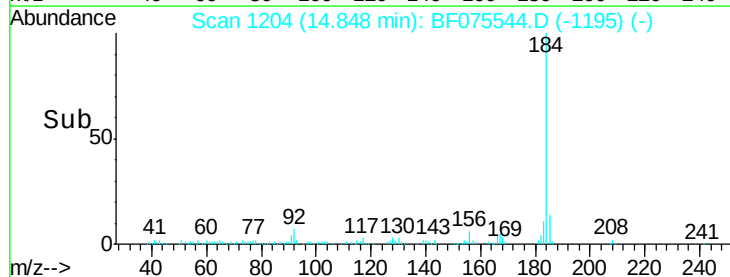
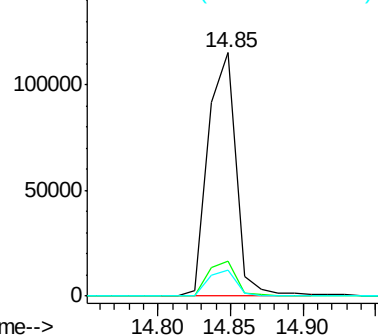
Tgt Ion	Ratio	Lower	Upper
184	100		
185	14.3	10.9	16.3
183	10.9	8.7	13.1

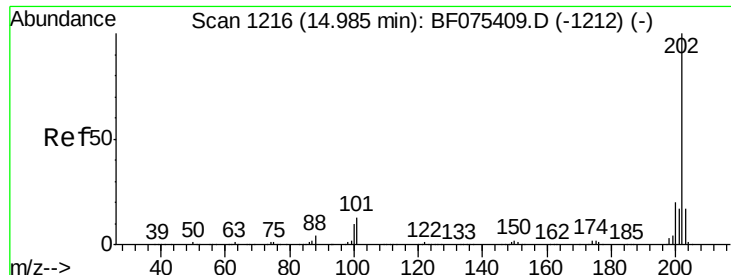


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





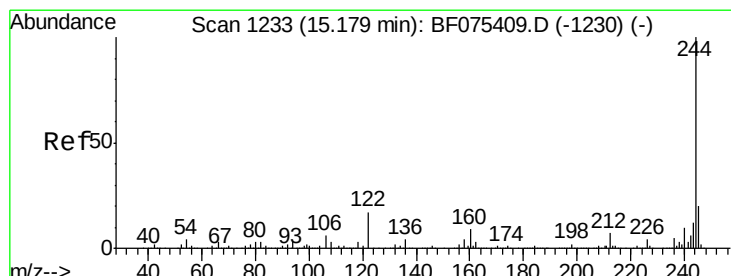
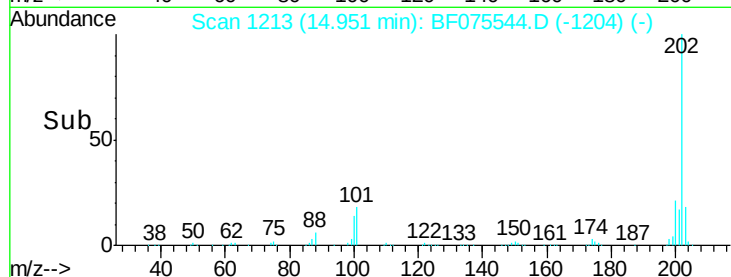
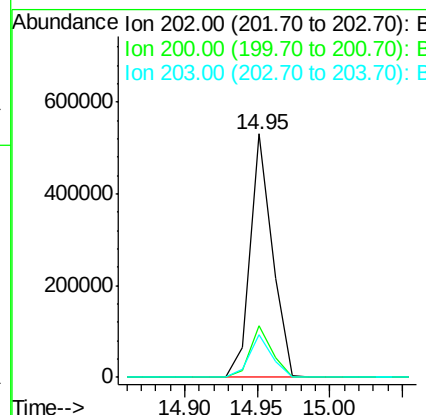
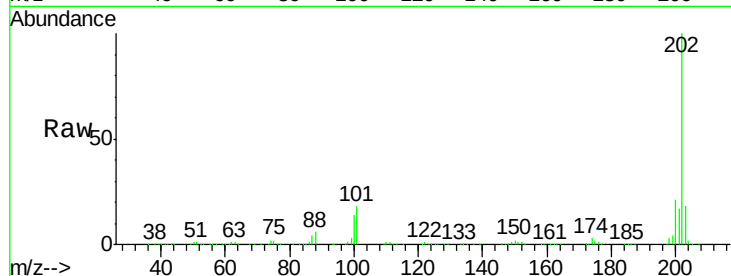
#77
Pvrene
Concen: 58.87 ng
RT: 14.95 min Scan# 1213
Delta R.T. 0.00 min
Lab File: BF075544.D
Acq: 15 Nov 2014 16:18

Instrument :
BNA_F
ClientSampleId :
REC-2-1(1.5-2.0)MS

Tot Ion	Ratio	Lower	Upper
202	100		
200	21.2	16.8	25.2
203	17.5	14.3	21.5

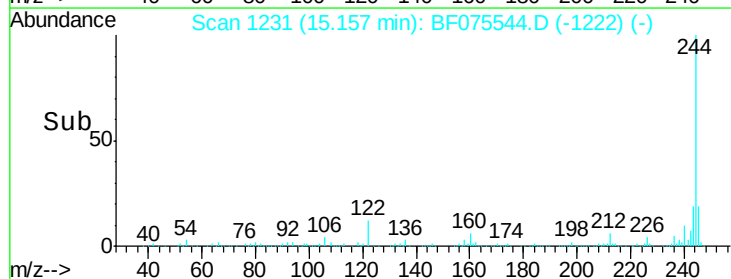
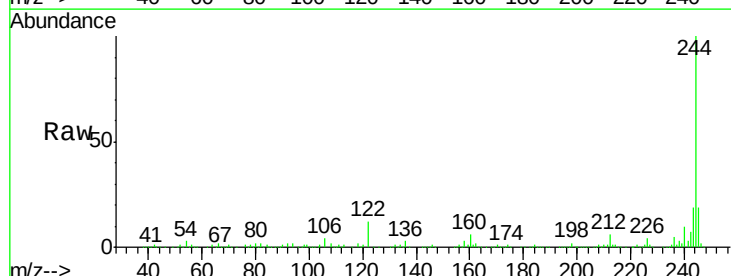
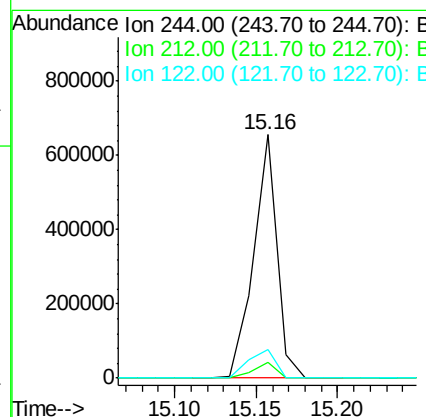
Manual Integrations
APPROVED

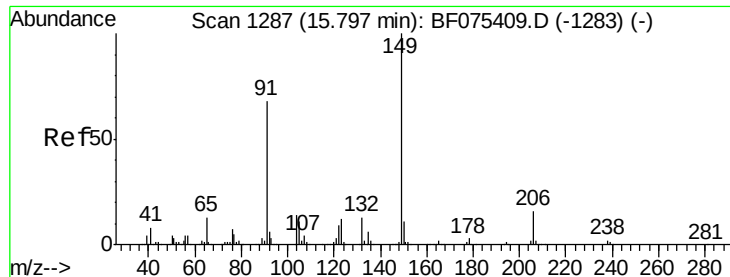
mohammad
11/17/2014 7:36:21 PM



#78
Terphenyl-d14
Concen: 106.64 ng
RT: 15.16 min Scan# 1231
Delta R.T. 0.00 min
Lab File: BF075544.D
Acq: 15 Nov 2014 16:18

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.4	5.5	8.3
122	12.0	9.7	14.5





#79

Butylbenzylphthalate

Concen: 49.78 ng

RT: 15.76 min Scan# 1284

Delta R.T. 0.00 min

Lab File: BF075544.D

Acq: 15 Nov 2014 16:18

Instrument :

BNA_F

ClientSampleId :

REC-2-1(1.5-2.0)MS

Tot Ion:149 Resp: 265637
Ion Ratio Lower Upper

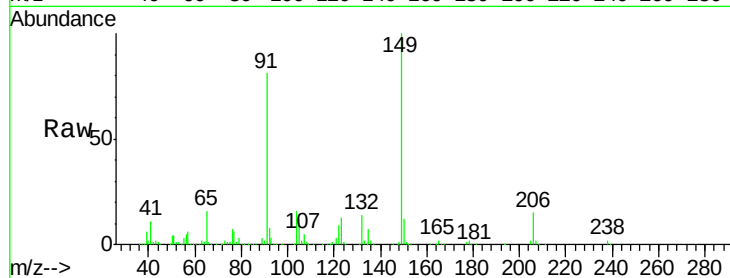
149 100

91 81.4 49.0 73.4#

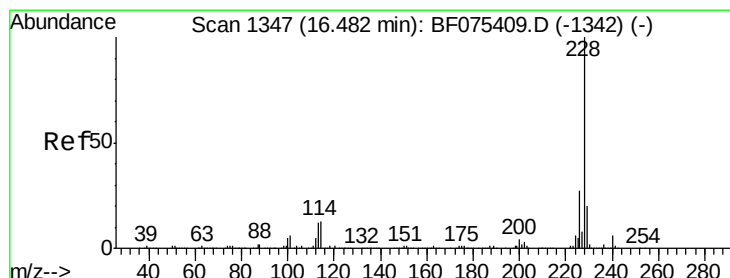
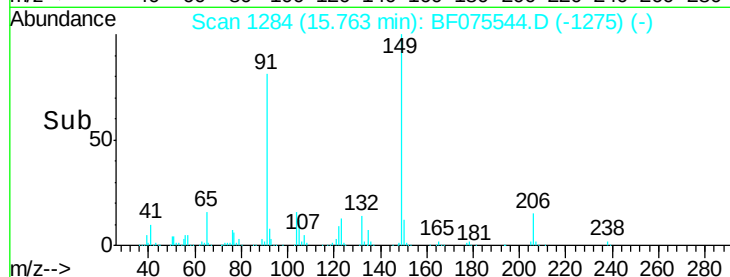
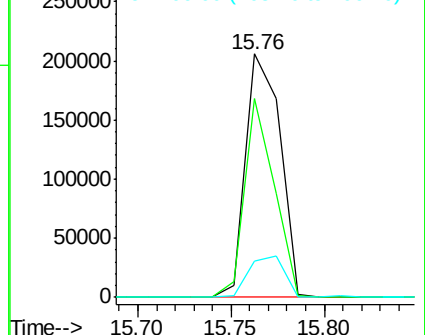
206 14.8 15.5 23.3#

Manual Integrations
APPROVED

mohammad
11/17/2014 7:36:21 PM



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BF0
Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 61.11 ng

RT: 16.45 min Scan# 1344

Delta R.T. 0.00 min

Lab File: BF075544.D

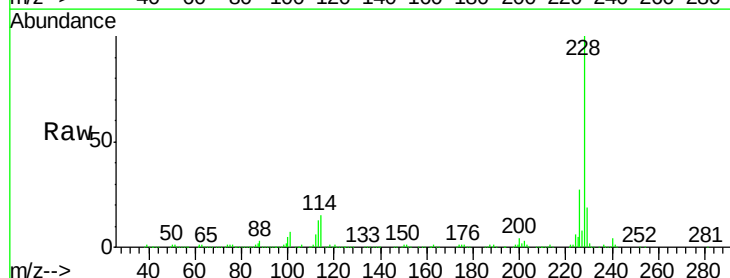
Acq: 15 Nov 2014 16:18

Tgt Ion:228 Resp: 524714
Ion Ratio Lower Upper

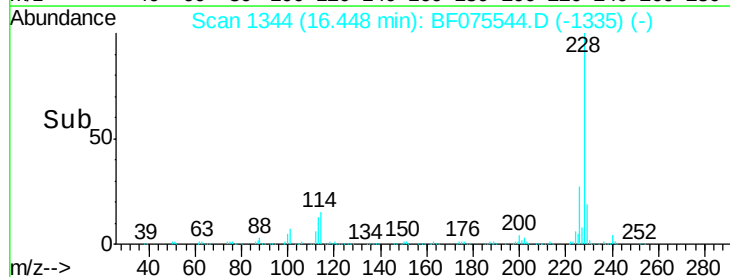
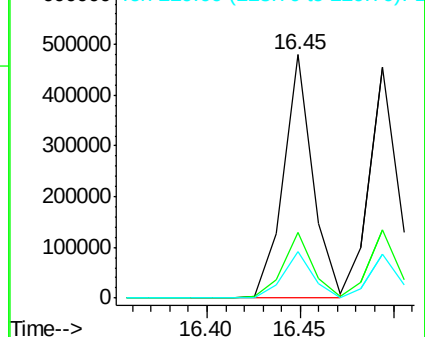
228 100

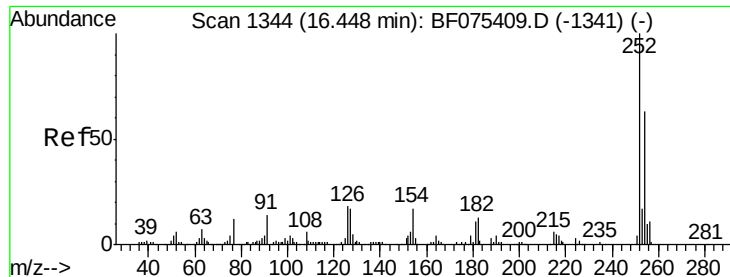
226 27.0 21.8 32.8

229 19.3 15.3 22.9



Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E





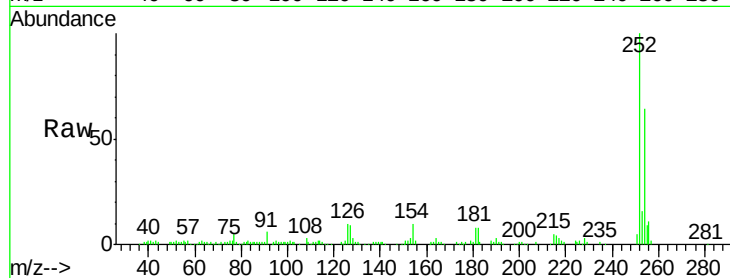
#81
 3,3'-Dichlorobenzidine
 Concen: 45.30 ng
 RT: 16.43 min Scan# 1342
 Delta R.T. 0.01 min
 Lab File: BF075544.D
 Acq: 15 Nov 2014 16:18

Instrument :
 BNA_F
 ClientSampleId :
 REC-2-1(1.5-2.0)MS

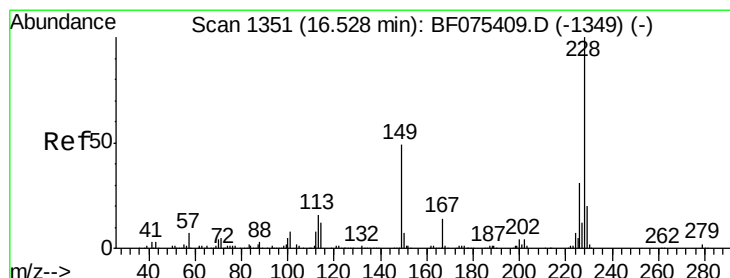
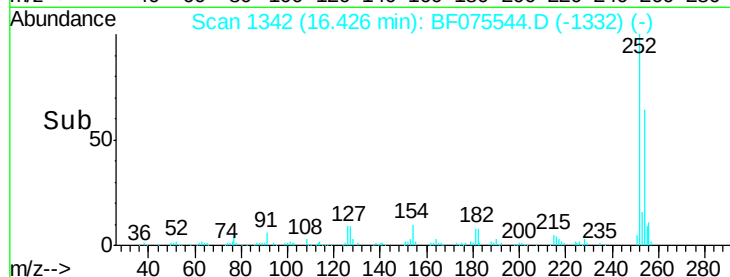
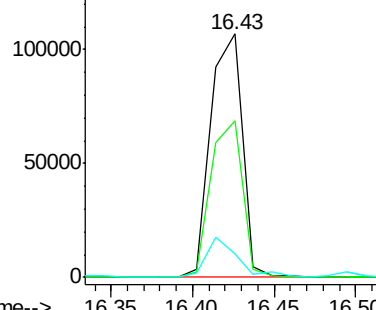
Tot Ion	Ratio	Resp Lower	Upper
252	100		
254	64.4	50.0	75.0
126	9.7	16.0	24.0

Manual Integrations
 APPROVED

mohammad
 11/17/2014 7:36:21 PM

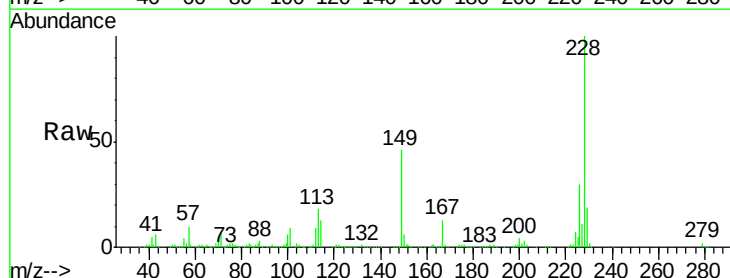


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

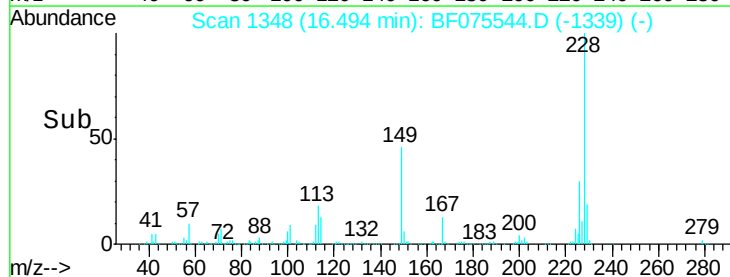
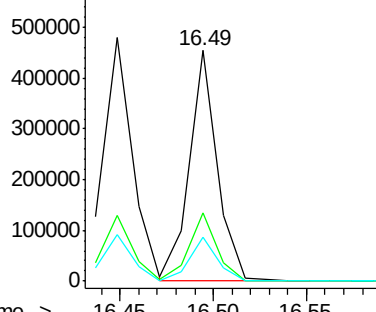


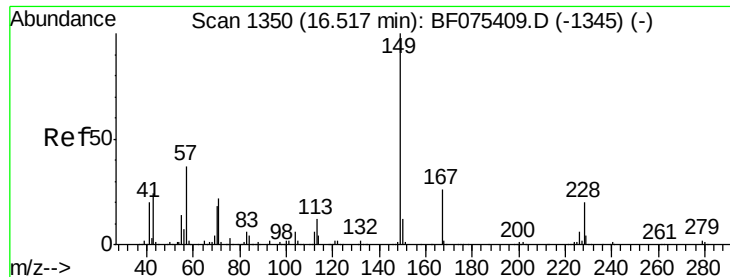
#82
 Chrysene
 Concen: 63.41 ng
 RT: 16.49 min Scan# 1348
 Delta R.T. 0.00 min
 Lab File: BF075544.D
 Acq: 15 Nov 2014 16:18

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
226	29.8	23.8	35.6
229	18.8	15.8	23.6



Abundance Ion 228.00 (227.70 to 228.70): E
 Ion 226.00 (225.70 to 226.70): E
 Ion 229.00 (228.70 to 229.70): E





#83

Bis(2-ethylhexyl)phthalate

Concen: 45.49 ng

RT: 16.48 min Scan# 1347

Delta R.T. 0.00 min

Lab File: BF075544.D

Acq: 15 Nov 2014 16:18

Instrument :

BNA_F

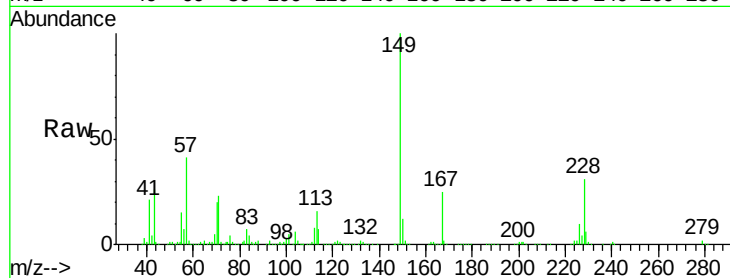
ClientSampleId :

REC-2-1(1.5-2.0)MS

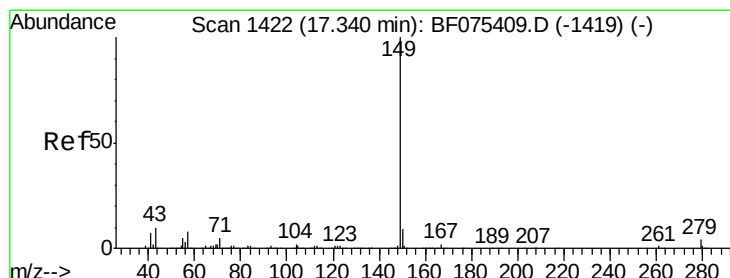
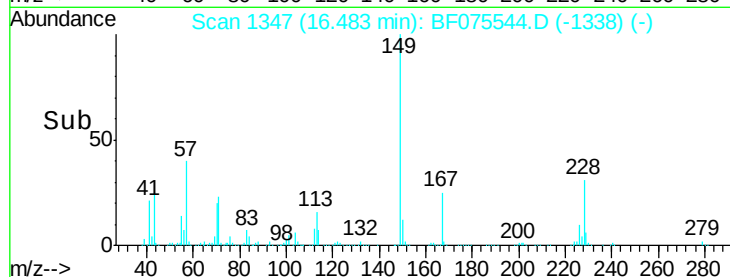
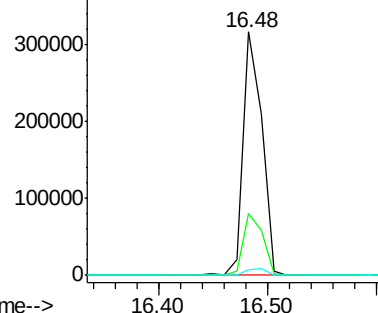
Tot Ion:	149	Resp:	382349
Ion Ratio	Lower	Upper	
149	100		
167	25.5	21.4	32.2
279	2.2	2.8	4.2#

Manual Integrations
APPROVED

mohammad
11/17/2014 7:36:21 PM



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



#84

Di-n-octyl phthalate

Concen: 47.95 ng

RT: 17.29 min Scan# 1418

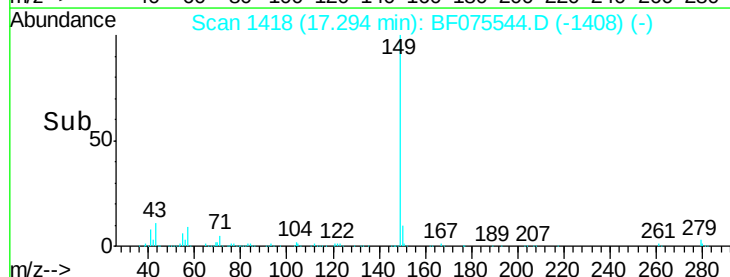
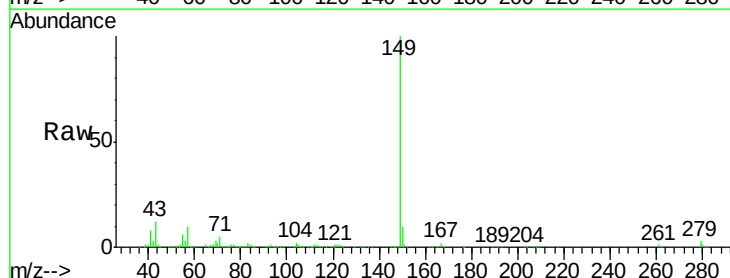
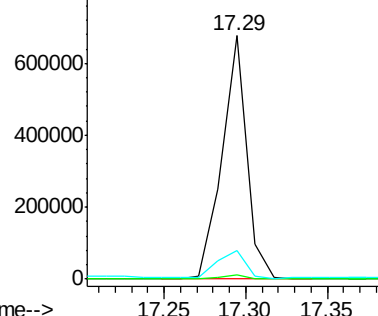
Delta R.T. 0.01 min

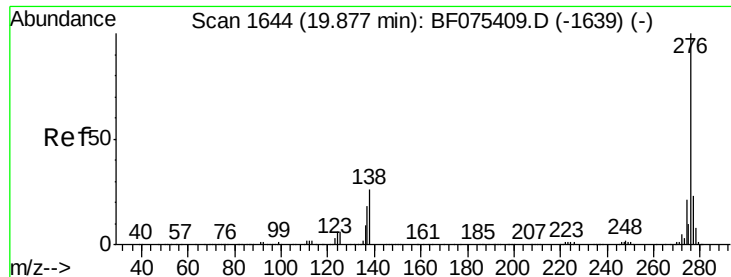
Lab File: BF075544.D

Acq: 15 Nov 2014 16:18

Tgt Ion:	149	Resp:	709498
Ion Ratio	Lower	Upper	
149	100		
167	1.5	1.1	1.7
43	12.7	11.0	16.4

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





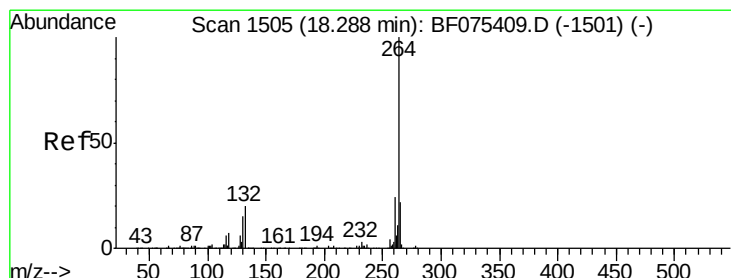
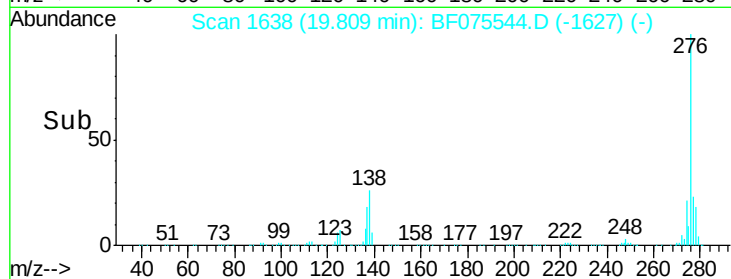
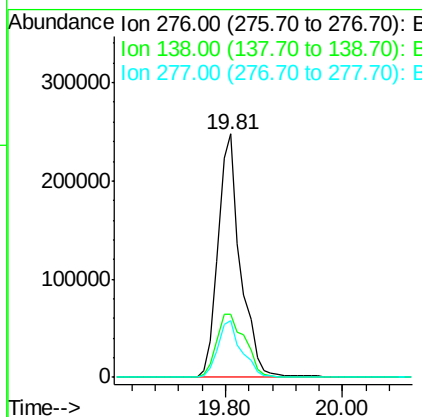
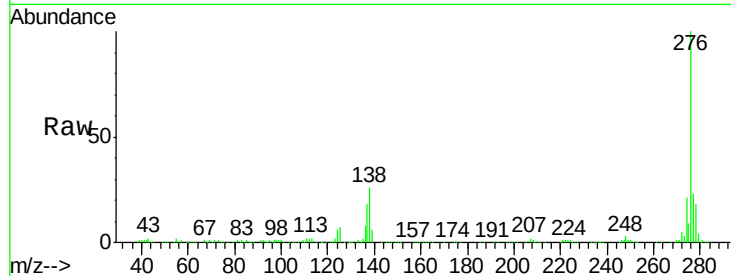
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 72.80 ng
 RT: 19.81 min Scan# 1638
 Delta R.T. 0.02 min
 Lab File: BF075544.D
 Acq: 15 Nov 2014 16:18

Instrument :
 BNA_F
 ClientSampleId :
 REC-2-1(1.5-2.0)MS

Tot Ion	Ratio	Resp Lower	Upper
276	100		
138	31.3	0.0	0.0#
277	23.2	0.0	0.0#

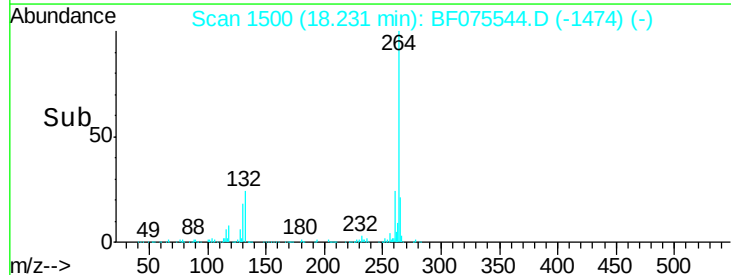
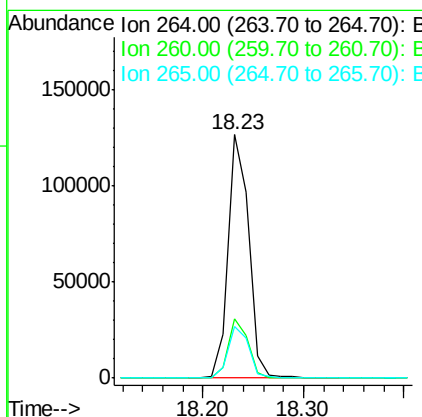
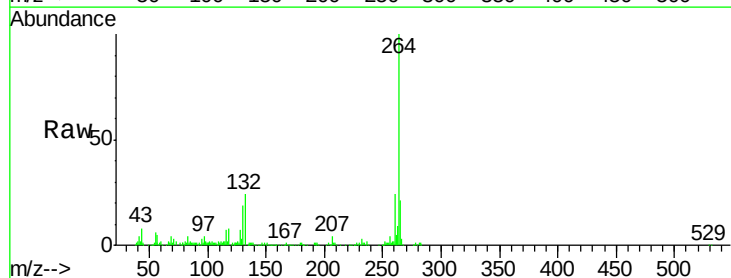
Manual Integrations
 APPROVED

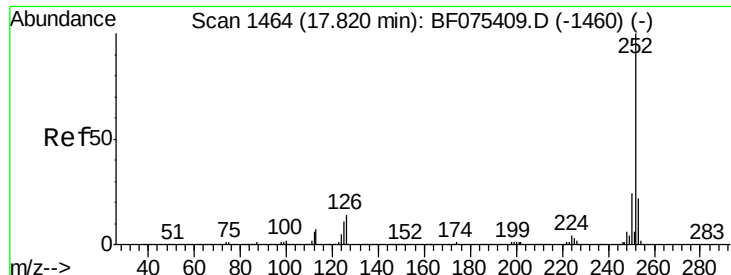
mohammad
 11/17/2014 7:36:21 PM



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 18.23 min Scan# 1500
 Delta R.T. 0.00 min
 Lab File: BF075544.D
 Acq: 15 Nov 2014 16:18

Tgt Ion	Ratio	Resp Lower	Upper
264	100		
260	24.1	17.9	26.9
265	21.1	16.3	24.5





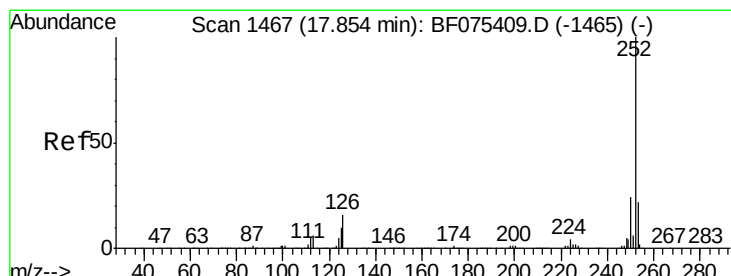
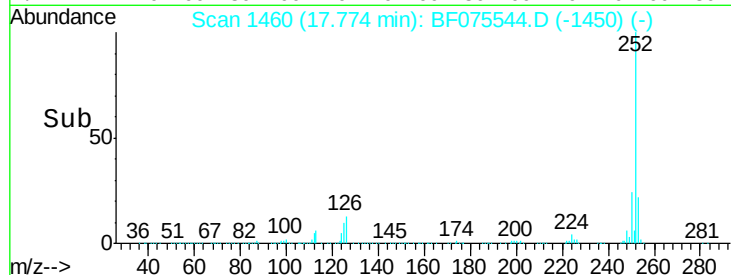
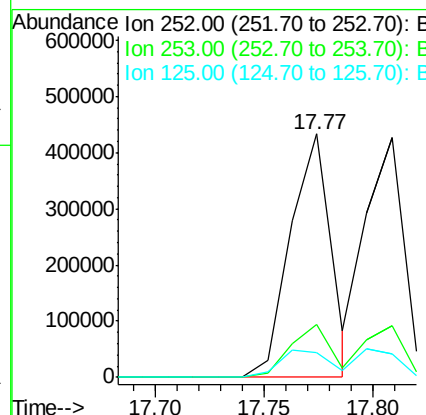
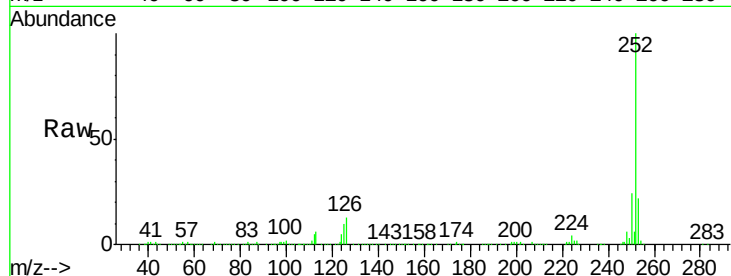
#87
Benzo(b)fluoranthene
Concen: 58.70 ng
RT: 17.77 min Scan# 1460
Delta R.T. 0.01 min
Lab File: BF075544.D
Acq: 15 Nov 2014 16:18

Instrument :
BNA_F
ClientSampleId :
REC-2-1(1.5-2.0)MS

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.7	26.5
125	10.0	11.8	17.6#

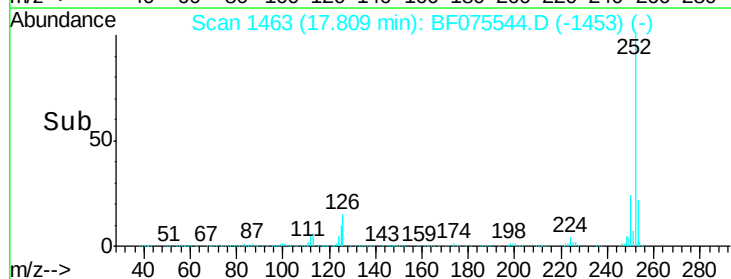
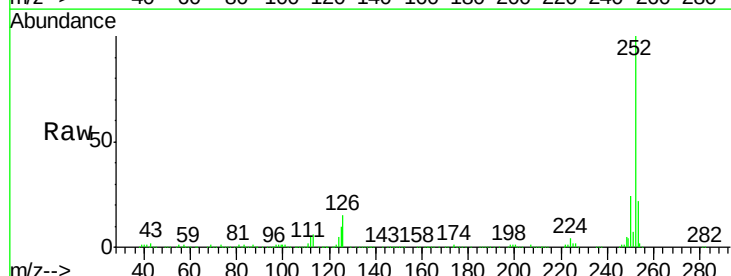
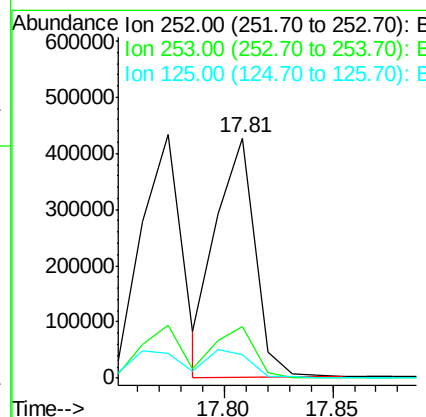
Manual Integrations
APPROVED

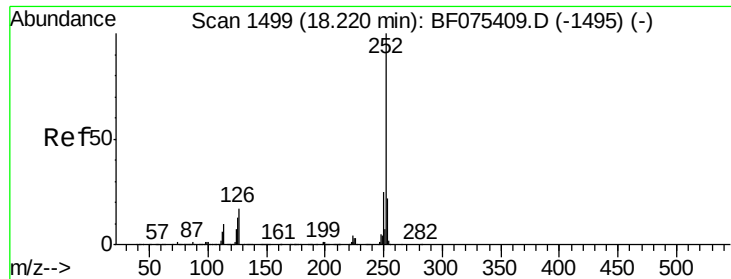
mohammad
11/17/2014 7:36:21 PM



#88
Benzo(k)fluoranthene
Concen: 60.75 ng
RT: 17.81 min Scan# 1463
Delta R.T. 0.01 min
Lab File: BF075544.D
Acq: 15 Nov 2014 16:18

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.7	18.1	27.1
125	10.0	11.6	17.4#





#89

Benzo(a)pyrene

Concen: 63.34 ng

RT: 18.17 min Scan# 1495

Delta R.T. 0.01 min

Lab File: BF075544.D

Acq: 15 Nov 2014 16:18

Instrument :

BNA_F

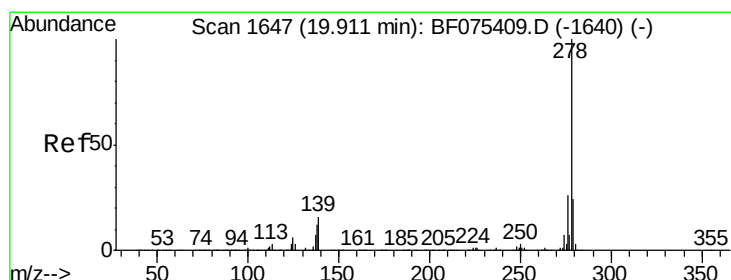
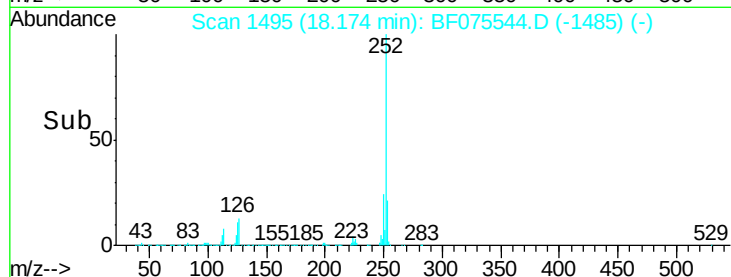
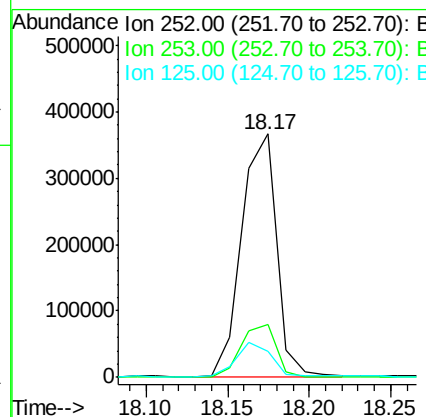
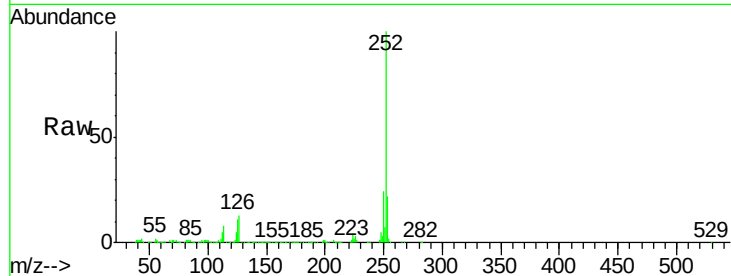
ClientSampleId :

REC-2-1(1.5-2.0)MS

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.5	17.1	25.7
125	10.7	12.2	18.4

Manual Integrations
APPROVED

mohammad
11/17/2014 7:36:21 PM



#90

Dibenzo(a,h)anthracene

Concen: 61.70 ng

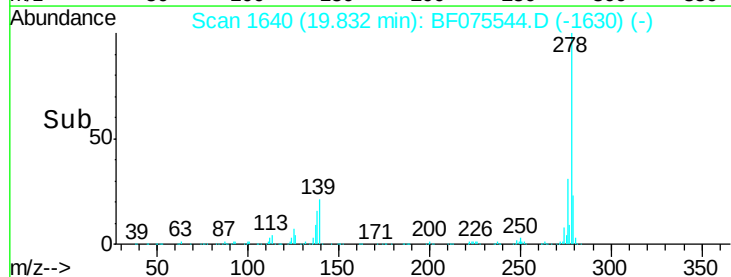
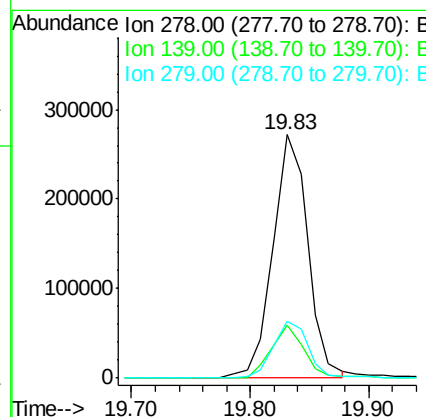
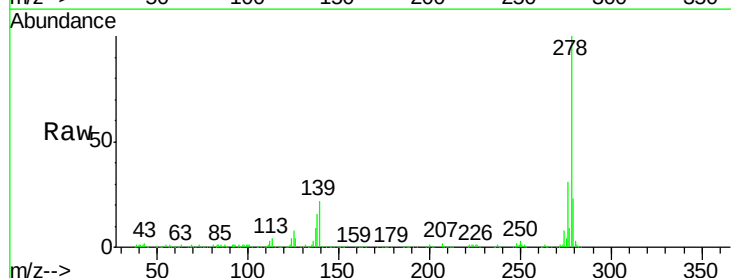
RT: 19.83 min Scan# 1640

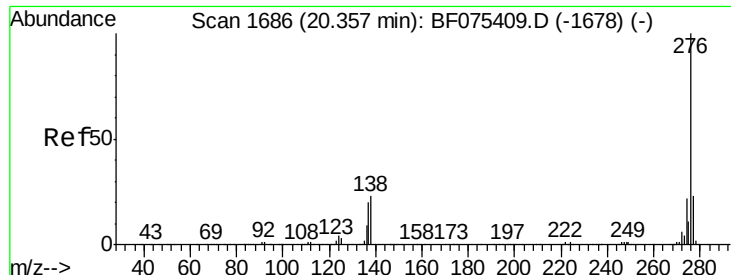
Delta R.T. 0.01 min

Lab File: BF075544.D

Acq: 15 Nov 2014 16:18

Tgt Ion	Ratio	Lower	Upper
278	100		
139	21.7	13.6	20.4
279	23.2	19.4	29.0





#91
 Benzo(a,h,i)perylene
 Concen: 64.92 ng
 RT: 20.28 min Scan# 1679
 Delta R.T. 0.02 min
 Lab File: BF075544.D
 Acq: 15 Nov 2014 16:18

Instrument :
 BNA_F
 ClientSampleId :
 REC-2-1(1.5-2.0)MS

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.2	17.8	26.8
138	26.1	22.8	34.2

Manual Integrations
 APPROVED

mohammad
 11/17/2014 7:36:21 PM

