

Data Path : Z:\HPCHEM1\BNA F\DATA\BF020817\
 Data File : BF092857.D
 Acq On : 8 Feb 2017 17:07
 Operator : SJ/MA
 Sample : PB96810BSD
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB96810BSD

Manual Integrations
 APPROVED

mohammad
 2/9/2017 12:31:11 PM

Quant Time: Feb 08 23:58:38 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF013017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Feb 08 23:48:40 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	142449	20.00	ng	0.00
21) Naphthalene-d8	8.18	136	556535	20.00	ng	-0.01
38) Acenaphthene-d10	9.94	164	317613	20.00	ng	0.00
63) Phenanthrene-d10	11.42	188	521883	20.00	ng	0.00
75) Chrysene-d12	14.07	240	466626	20.00	ng	0.00
86) Perylene-d12	15.51	264	390821	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	680108	81.91	ng	0.01
7) Phenol-d6	6.53	99	848871	79.46	ng	0.00
23) Nitrobenzene-d5	7.47	82	784700	78.52	ng	0.00
41) 2,4,6-Tribromophenol	10.73	330	180640	78.64	ng	0.00
44) 2-Fluorobiphenyl	9.26	172	1442739	82.29	ng	0.00
78) Terphenyl-d14	13.00	244	1330251	66.98	ng	-0.01

Target Compounds						Qvalue
2) 1,4-Dioxane	2.57	88	152227	33.93	ng	# 85
3) Pyridine	3.30	79	374649	32.84	ng	88
4) n-Nitrosodimethylamine	3.25	42	205229	38.31	ng	87
6) Aniline	6.56	93	354255	24.31	ng	86
8) 2-Chlorophenol	6.68	128	376393	41.09	ng	95
9) Benzaldehyde	6.44	77	148846	19.45	ng	97
10) Phenol	6.56	94	487676	39.02	ng	93
11) bis(2-Chloroethyl)ether	6.64	93	408218	40.92	ng	98
12) 1,3-Dichlorobenzene	6.84	146	433487	40.40	ng	98
13) 1,4-Dichlorobenzene	6.91	146	423750	39.02	ng	98
14) 1,2-Dichlorobenzene	7.07	146	424293	40.86	ng	96
15) Benzyl Alcohol	7.05	79	340832	43.09	ng	94
16) 2,2'-oxybis(1-Chloropropan	7.18	45	692012	39.93	ng	94
17) 2-Methylphenol	7.16	107	328612	41.82	ng	96
18) Hexachloroethane	7.41	117	147083	39.68	ng	92
19) n-Nitroso-di-n-propylamine	7.31	70	255417	37.56	ng	94
20) 3+4-Methylphenols	7.31	107	395552	42.10	ng	# 69
22) Acetophenone	7.31	105	496214	39.05	ng	# 93
24) Nitrobenzene	7.48	77	391331	38.13	ng	95
25) Isophorone	7.72	82	751209	40.34	ng	97
26) 2-Nitrophenol	7.80	139	219901	45.08	ng	91
27) 2,4-Dimethylphenol	7.85	122	375271	43.80	ng	92
28) bis(2-Chloroethoxy)methane	7.94	93	508990	41.27	ng	99
29) 2,4-Dichlorophenol	8.04	162	332189	41.58	ng	89
30) 1,2,4-Trichlorobenzene	8.12	180	344129	39.97	ng	94
31) Naphthalene	8.20	128	1066170	37.79	ng	99
32) Benzoic acid	7.97	122	216973	45.19	ng	88
33) 4-Chloroaniline	8.26	127	230965	20.87	ng	96
34) Hexachlorobutadiene	8.33	225	184456	38.94	ng	98
35) Caprolactam	8.62	113	113148m	45.02	ng	
36) 4-Chloro-3-methylphenol	8.75	107	378327	45.42	ng	90
37) 2-Methylnaphthalene	8.90	142	768210	42.41	ng	97
39) 1,2,4,5-Tetrachlorobenzene	9.06	216	325482	36.51	ng	99
40) Hexachlorocyclopentadiene	9.05	237	283028	70.36	ng	96

Data Path : Z:\HPCHEM1\BNA F\DATA\BF020817\
 Data File : BF092857.D
 Acq On : 8 Feb 2017 17:07
 Operator : SJ/MA
 Sample : PB96810BSD
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB96810BSD

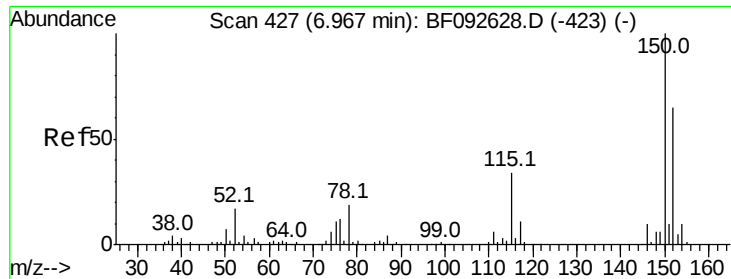
Manual Integrations
 APPROVED

mohammad
 2/9/2017 12:31:11 PM

Quant Time: Feb 08 23:58:38 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF013017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Feb 08 23:48:40 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.17	196	240586	41.07	nq	91
43) 2,4,5-Trichlorophenol	9.22	196	251874	39.24	nq	91
45) 1,1'-Biphenyl	9.36	154	866136	37.66	nq	97
46) 2-Chloronaphthalene	9.39	162	739510	41.10	nq	95
47) 2-Nitroaniline	9.48	65	217622	35.98	nq	99
48) Acenaphthylene	9.80	152	1162661	37.41	nq	98
49) Dimethylphthalate	9.66	163	889995	41.60	nq	100
50) 2,6-Dinitrotoluene	9.72	165	180459	39.06	nq	# 76
51) Acenaphthene	9.97	154	721086	38.81	nq	96
52) 3-Nitroaniline	9.89	138	130237	24.63	nq	90
53) 2,4-Dinitrophenol	10.01	184	170829	73.12	nq	# 92
54) Dibenzofuran	10.14	168	1014264	40.81	nq	94
55) 4-Nitrophenol	10.06	139	288286	75.70	nq	94
56) 2,4-Dinitrotoluene	10.13	165	277314	45.09	nq	# 83
57) Fluorene	10.49	166	808677	42.29	nq	97
58) 2,3,4,6-Tetrachlorophenol	10.26	232	185069	43.22	nq	99
59) Diethylphthalate	10.36	149	873229	43.31	nq	97
60) 4-Chlorophenyl-phenylether	10.48	204	350441	38.15	nq	89
61) 4-Nitroaniline	10.51	138	207596	38.33	nq	91
62) Azobenzene	10.64	77	887014	42.59	nq	96
64) 4,6-Dinitro-2-methylphenol	10.53	198	116909	37.43	nq	# 35
65) n-Nitrosodiphenylamine	10.60	169	730251	43.80	nq	100
66) 4-Bromophenyl-phenylether	10.97	248	223025	40.90	nq	93
67) Hexachlorobenzene	11.04	284	226631	42.06	nq	97
68) Atrazine	11.13	200	233827	43.70	nq	97
69) Pentachlorophenol	11.23	266	226620	81.34	nq	97
70) Phenanthrene	11.45	178	1148515	38.41	nq	99
71) Anthracene	11.50	178	1250615	41.65	nq	97
72) Carbazole	11.65	167	1021936	35.60	nq	99
73) Di-n-butylphthalate	11.98	149	1408865	45.39	nq	# 97
74) Fluoranthene	12.64	202	1259573	40.84	nq	95
76) Benzidine	12.76	184	415262	20.88	nq	96
77) Pyrene	12.86	202	1249003	35.77	nq	99
79) Butylbenzylphthalate	13.48	149	624150	44.01	nq	85
80) Benzo(a)anthracene	14.05	228	1031825m	36.15	nq	
81) 3,3'-Dichlorobenzidine	14.02	252	301666	29.65	nq	# 95
82) Chrysene	14.09	228	917162m	34.32	nq	
83) Bis(2-ethylhexyl)phthalate	14.04	149	821945	42.38	nq	# 95
84) Di-n-octyl phthalate	14.65	149	1368867	43.35	nq	99
85) Indeno(1,2,3-cd)pyrene	16.95	276	922979	44.59	nq	95
87) Benzo(b)fluoranthene	15.09	252	1029383	40.02	nq	98
88) Benzo(k)fluoranthene	15.12	252	903596m	40.68	nq	
89) Benzo(a)pyrene	15.45	252	908085	40.81	nq	98
90) Dibenzo(a,h)anthracene	16.96	278	774869	43.09	nq	97
91) Benzo(g,h,i)perylene	17.38	276	770002	42.38	nq	# 91

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.90 min Scan# 421

Delta R.T. -0.00 min

Lab File: BF092857.D

Acq: 8 Feb 2017 17:07

Instrument :

BNA_F

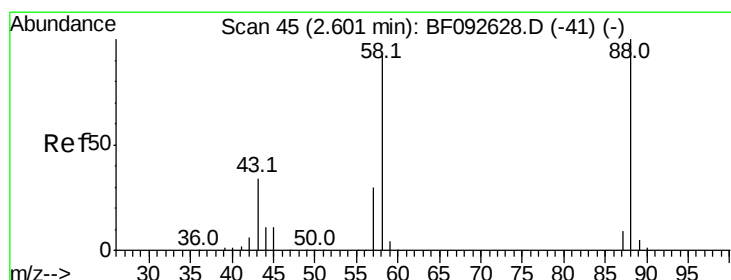
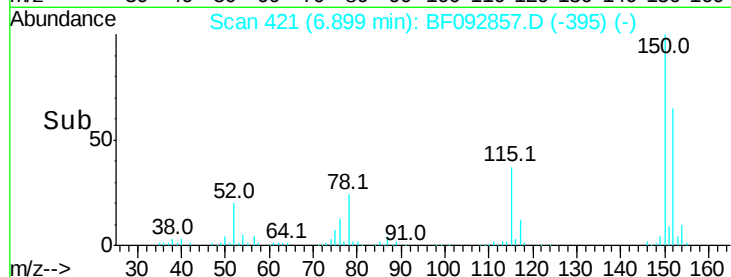
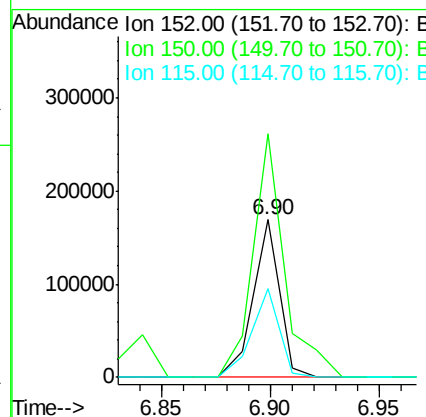
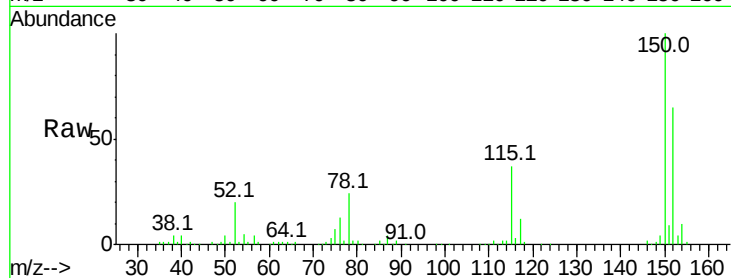
ClientSampleId :

PB96810BSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.8	124.9	187.3
115	56.8	46.0	69.0

Manual Integrations
APPROVED

mohammad
2/9/2017 12:31:11 PM



#2

1,4-Dioxane

Concen: 33.93 ng

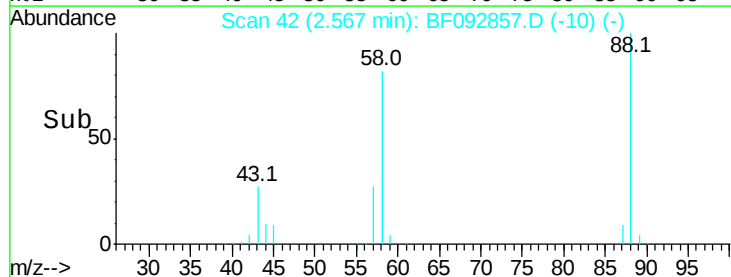
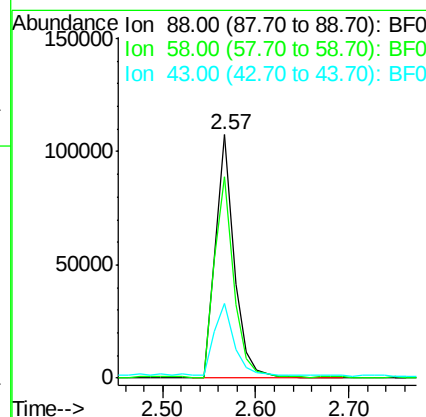
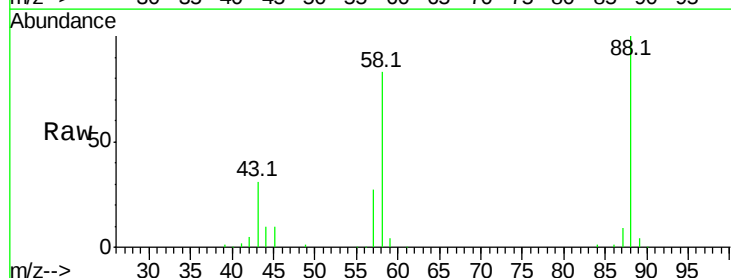
RT: 2.57 min Scan# 42

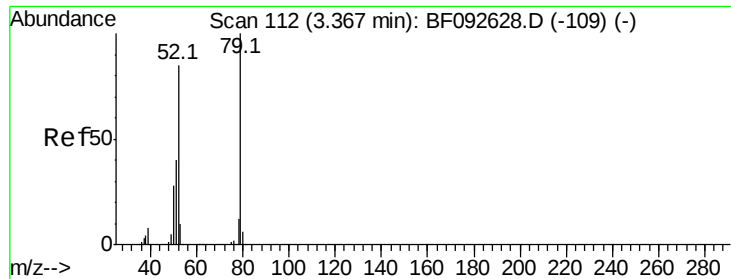
Delta R.T. 0.07 min

Lab File: BF092857.D

Acq: 8 Feb 2017 17:07

Tgt Ion	Ratio	Lower	Upper
88	100		
58	87.3	57.8	86.8#
43	31.1	22.3	33.5





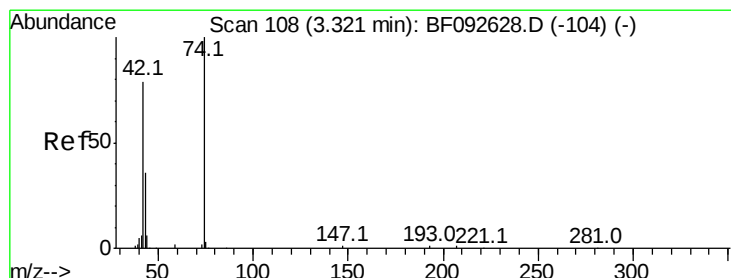
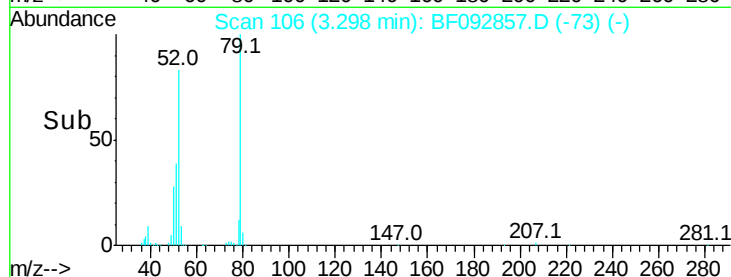
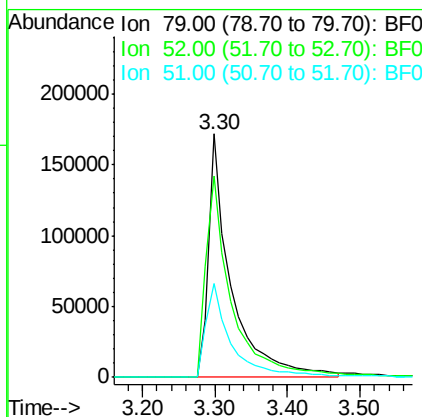
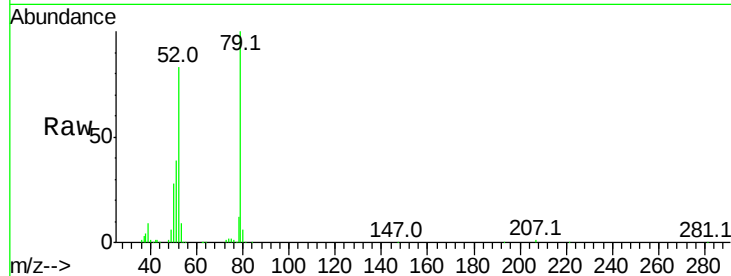
#3
 Pvridine
 Concen: 32.84 ng
 RT: 3.30 min Scan# 106
 Delta R.T. 0.08 min
 Lab File: BF092857.D
 Acq: 8 Feb 2017 17:07

Instrument :
 BNA_F
 ClientSampleId :
 PB96810BSD

Tot Ion	Ratio	Lower	Upper
79	100		
52	82.8	57.1	85.7
51	38.6	27.3	40.9

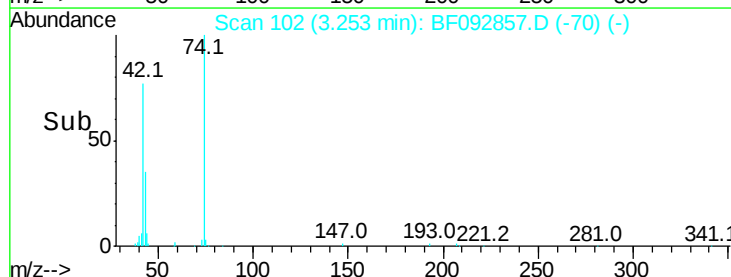
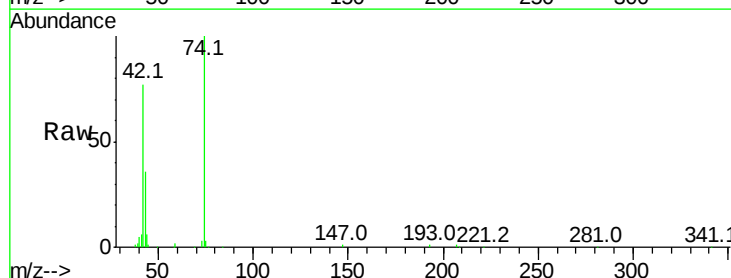
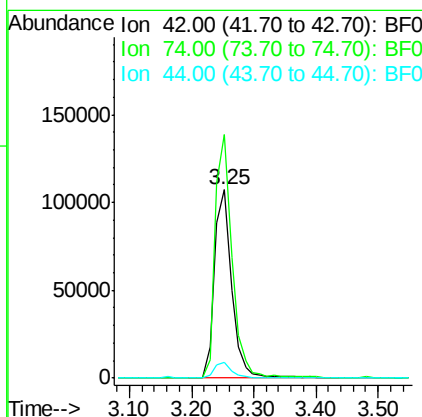
Manual Integrations
 APPROVED

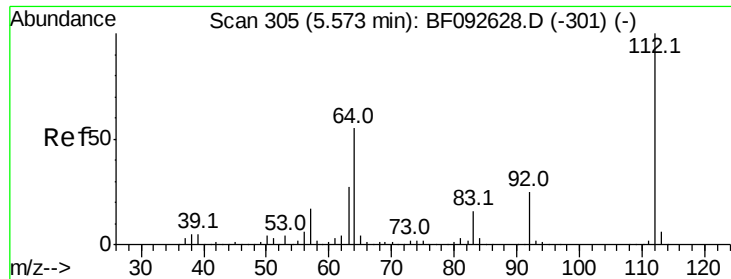
mohammad
 2/9/2017 12:31:11 PM



#4
 n-Nitrosodimethylamine
 Concen: 38.31 ng
 RT: 3.25 min Scan# 102
 Delta R.T. 0.07 min
 Lab File: BF092857.D
 Acq: 8 Feb 2017 17:07

Tgt Ion	Ratio	Lower	Upper
42	100		
74	129.2	117.0	175.4
44	8.1	5.5	8.3





#5

2-Fluorophenol

Concen: 81.91 ng

RT: 5.50 min Scan# 299

Delta R.T. 0.01 min

Lab File: BF092857.D

Acq: 8 Feb 2017 17:07

Instrument :

BNA_F

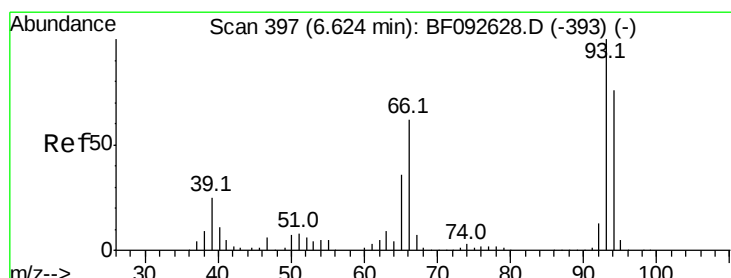
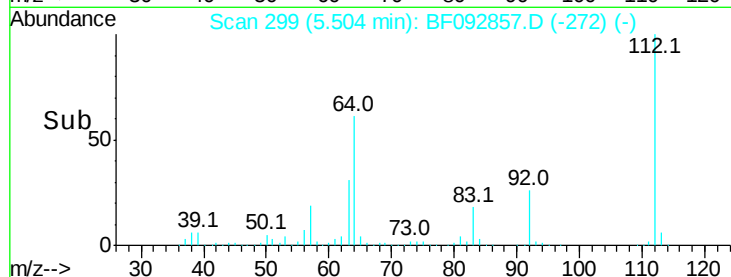
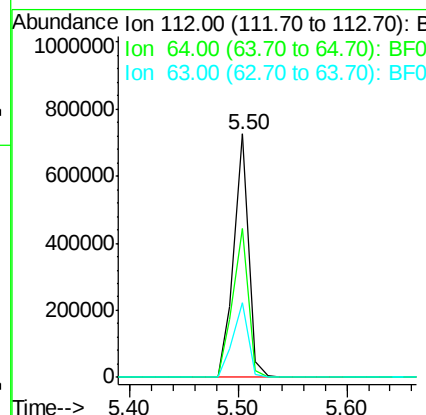
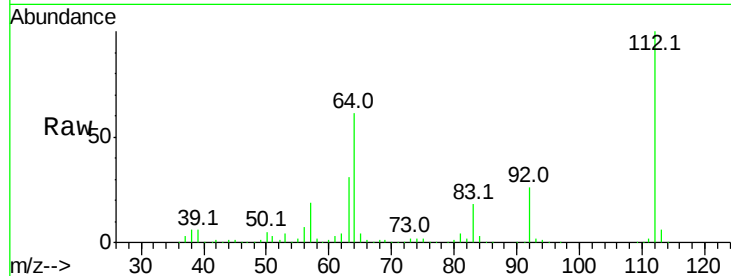
ClientSampleId :

PB96810BSD

Tot Ion:	112	Resp:	680108
Ion Ratio	Lower	Upper	
112	100		
64	61.4	46.1	69.1
63	30.9	23.8	35.6

Manual Integrations
APPROVED

mohammad
2/9/2017 12:31:11 PM



#6

Aniline

Concen: 24.31 ng

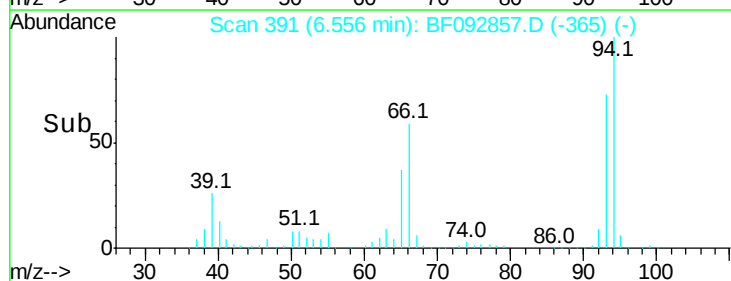
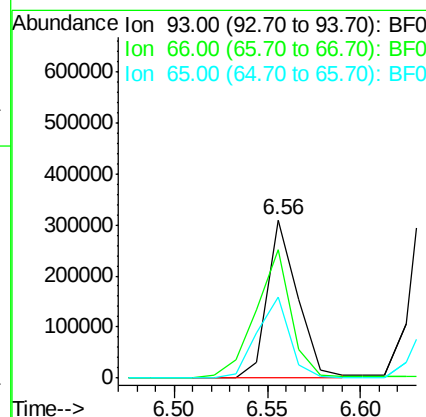
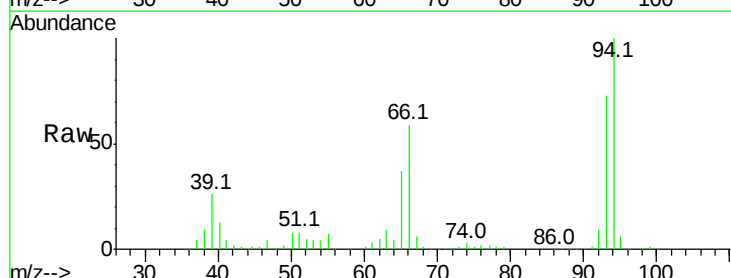
RT: 6.56 min Scan# 391

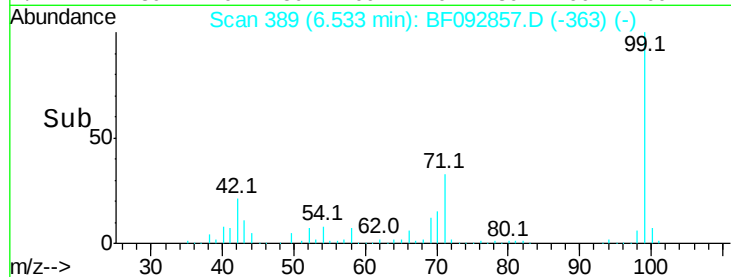
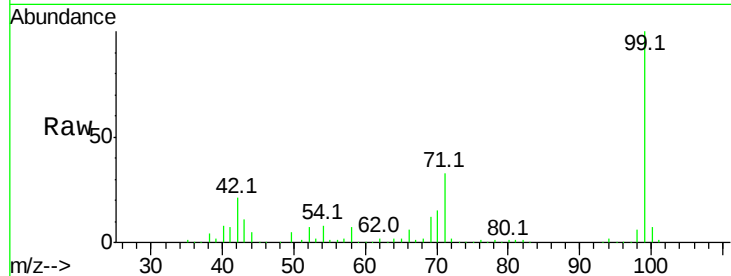
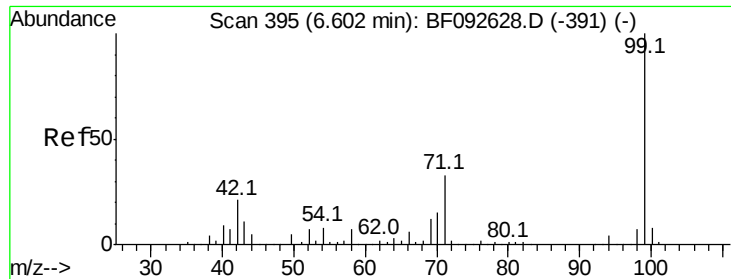
Delta R.T. -0.00 min

Lab File: BF092857.D

Acq: 8 Feb 2017 17:07

Tgt Ion:	93	Resp:	354255
Ion Ratio	Lower	Upper	
93	100		
66	81.0	76.2	114.2
65	50.8	49.3	73.9





#7

Phenol-d6

Concen: 79.46 ng

RT: 6.53 min Scan# 389

Delta R.T. -0.00 min

Lab File: BF092857.D

Acq: 8 Feb 2017 17:07

Tot Ion:	99	Resp:	848871
Ion Ratio	Lower	Upper	
99	100		
42	20.9	15.6	23.4
71	32.8	27.5	41.3

Instrument :

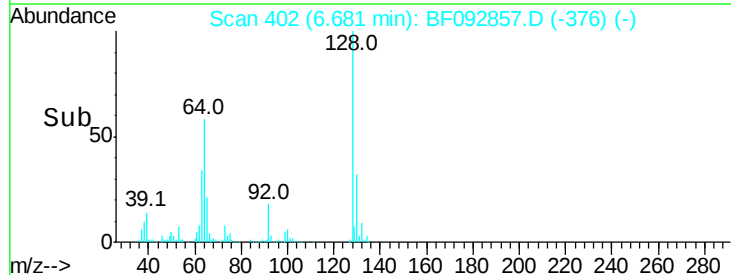
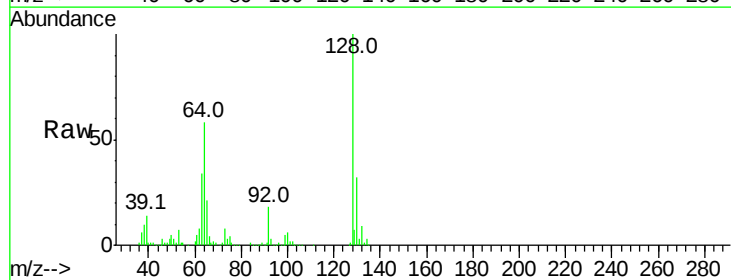
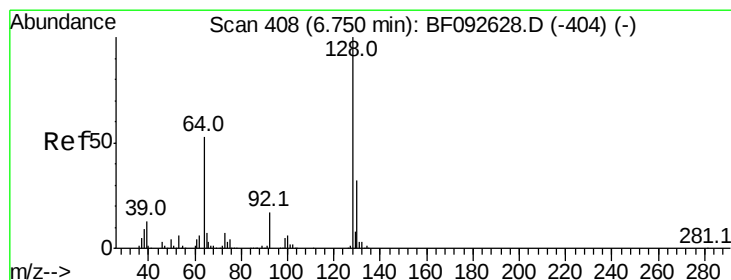
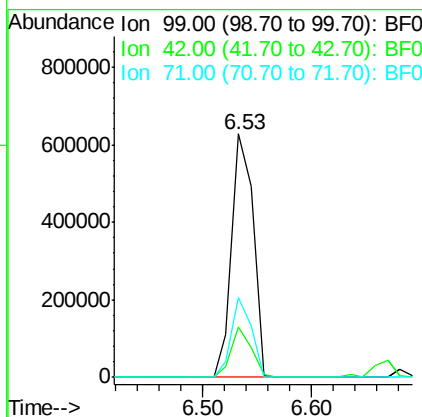
BNA_F

ClientSampleId :

PB96810BSD

Manual Integrations
APPROVED

mohammad
2/9/2017 12:31:11 PM



#8

2-Chlorophenol

Concen: 41.09 ng

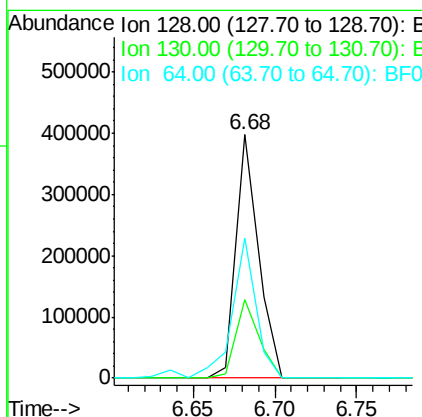
RT: 6.68 min Scan# 402

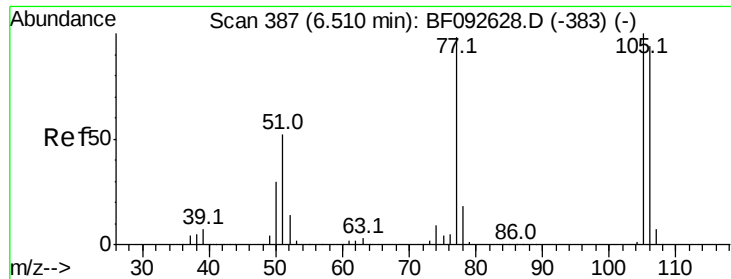
Delta R.T. -0.00 min

Lab File: BF092857.D

Acq: 8 Feb 2017 17:07

Tgt Ion:	128	Resp:	376393
Ion Ratio	Lower	Upper	
128	100		
130	32.3	12.3	52.3
64	57.6	32.2	72.2





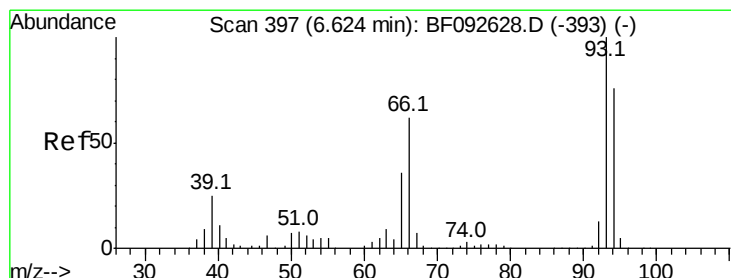
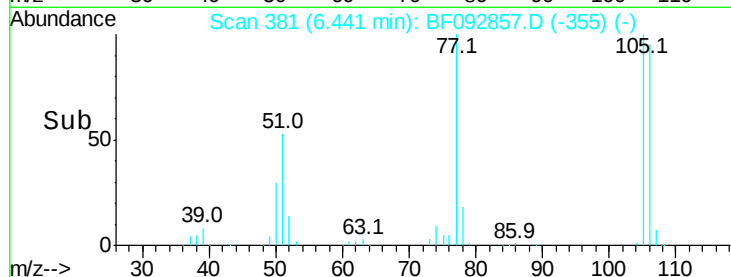
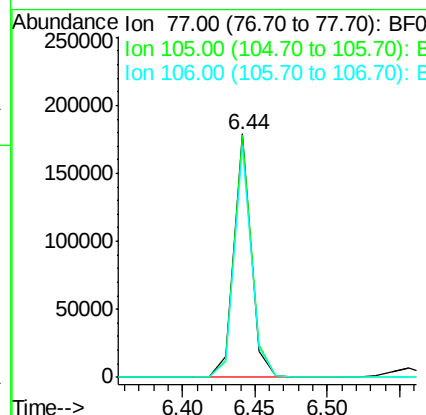
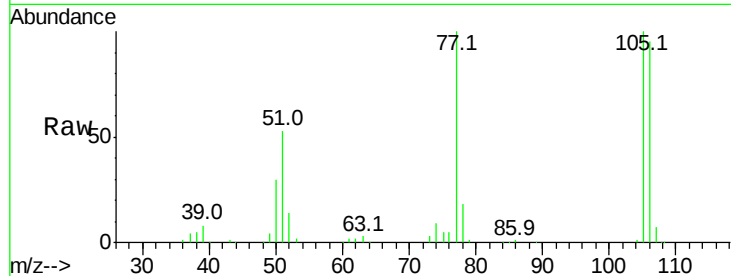
#9
Benzaldehyde
Concen: 19.45 ng
RT: 6.44 min Scan# 381
Delta R.T. -0.00 min
Lab File: BF092857.D
Acq: 8 Feb 2017 17:07

Instrument :
BNA_F
ClientSampleId :
PB96810BSD

Tot Ion	Ratio	Lower	Upper
77	100		
105	99.8	83.9	123.9
106	94.7	77.6	117.6

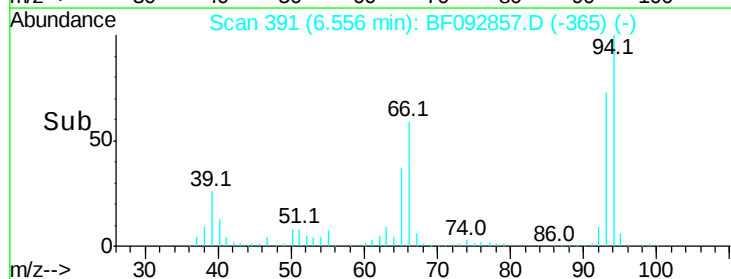
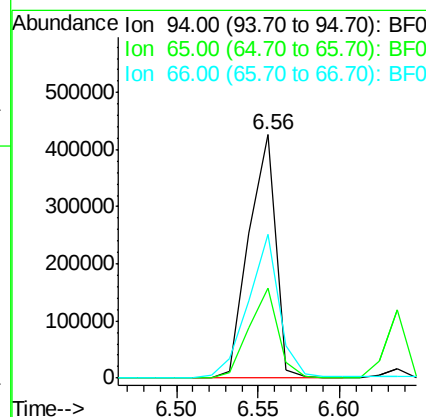
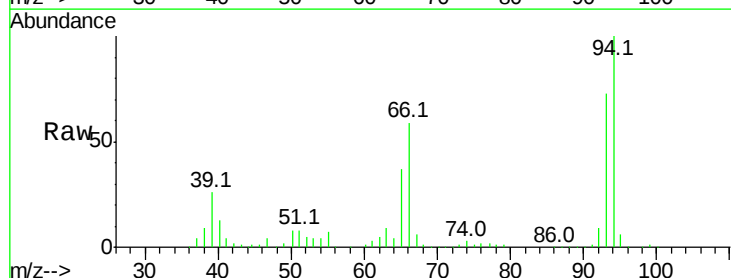
Manual Integrations
APPROVED

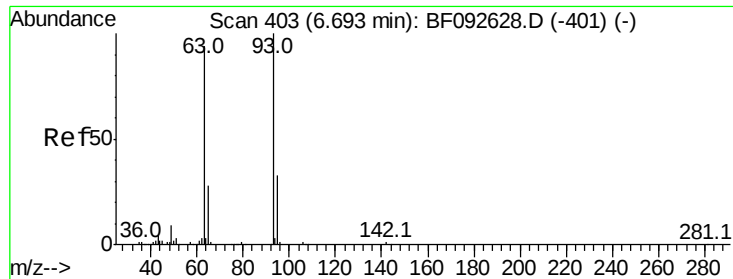
mohammad
2/9/2017 12:31:11 PM



#10
Phenol
Concen: 39.02 ng
RT: 6.56 min Scan# 391
Delta R.T. -0.00 min
Lab File: BF092857.D
Acq: 8 Feb 2017 17:07

Tgt Ion	Ratio	Lower	Upper
94	100		
65	36.9	21.4	61.4
66	58.9	44.0	84.0





#11

bis(2-Chloroethyl)ether

Concen: 40.92 ng

RT: 6.64 min Scan# 398

Delta R.T. -0.00 min

Lab File: BF092857.D

Acq: 8 Feb 2017 17:07

Instrument :

BNA_F

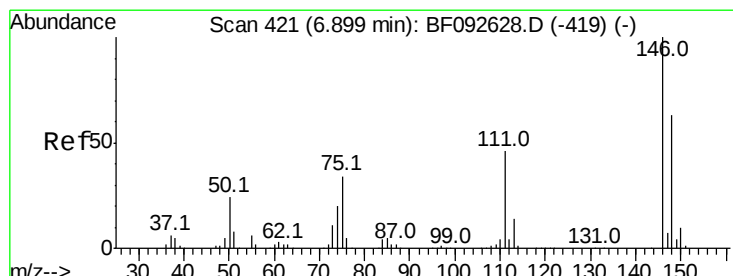
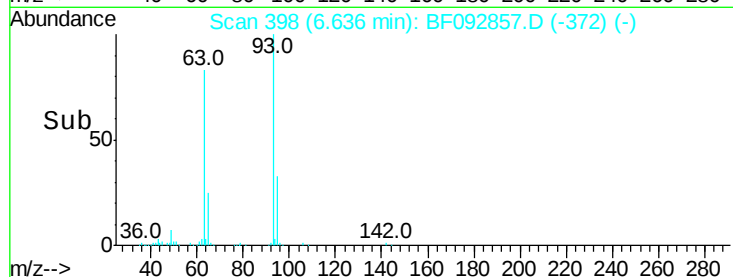
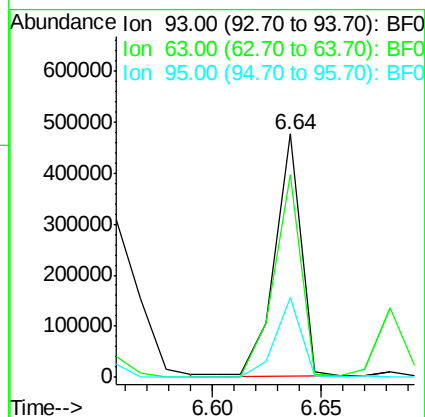
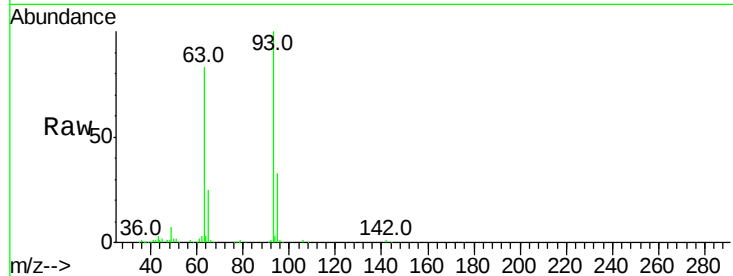
ClientSampleId :

PB96810BSD

Tot Ion:	93	Resp:	408218
Ion Ratio	Lower	Upper	
93	100		
63	83.1	60.4	100.4
95	32.8	12.8	52.8

Manual Integrations
APPROVED

mohammad
2/9/2017 12:31:11 PM



#12

1,3-Dichlorobenzene

Concen: 40.40 ng

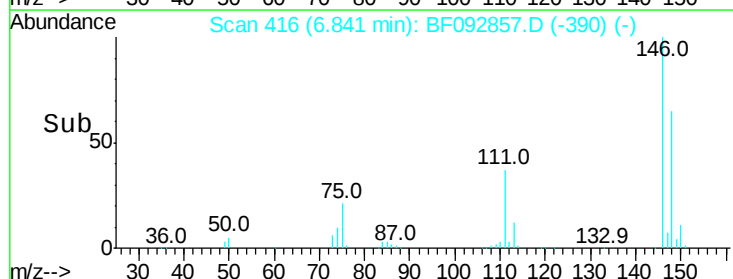
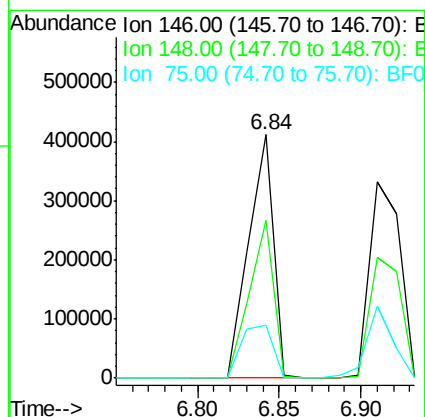
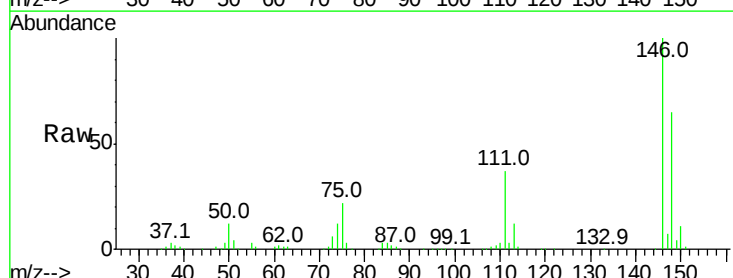
RT: 6.84 min Scan# 416

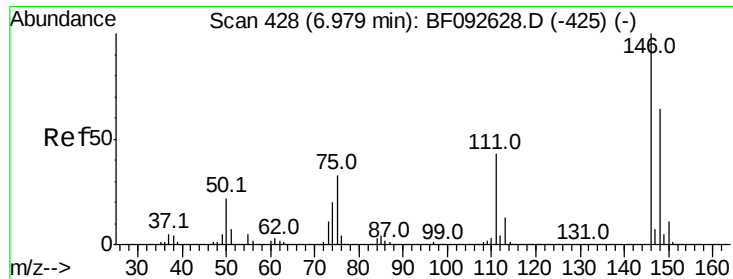
Delta R.T. -0.00 min

Lab File: BF092857.D

Acq: 8 Feb 2017 17:07

Tgt Ion:	146	Resp:	433487
Ion Ratio	Lower	Upper	
146	100		
148	64.7	53.4	80.0
75	21.9	18.5	27.7





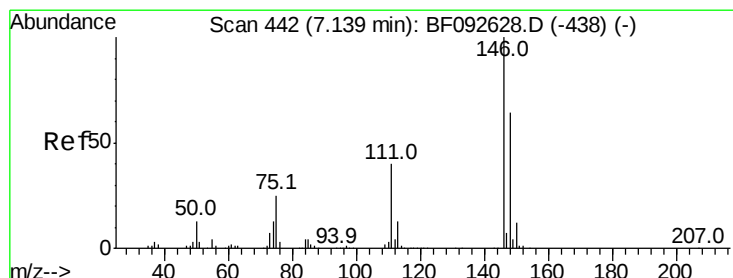
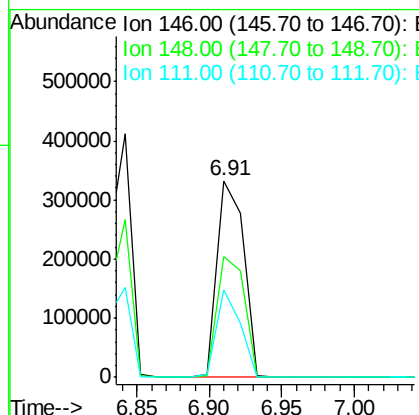
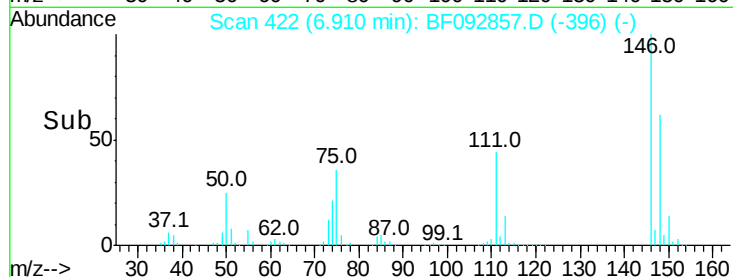
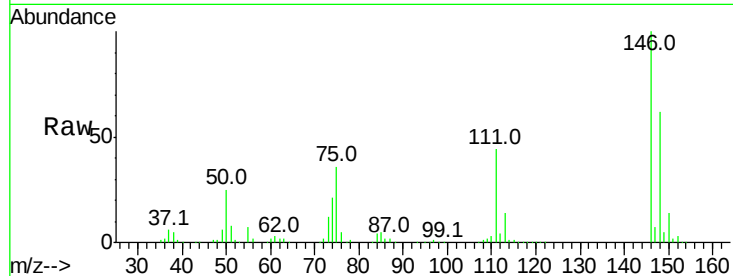
#13
 1,4-Dichlorobenzene
 Concen: 39.02 ng
 RT: 6.91 min Scan# 422
 Delta R.T. -0.00 min
 Lab File: BF092857.D
 Acq: 8 Feb 2017 17:07

Instrument :
 BNA_F
 ClientSampleID :
 PB96810BSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	61.6	50.6	76.0
111	44.2	36.2	54.4

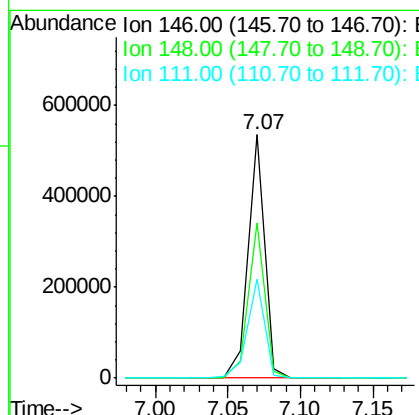
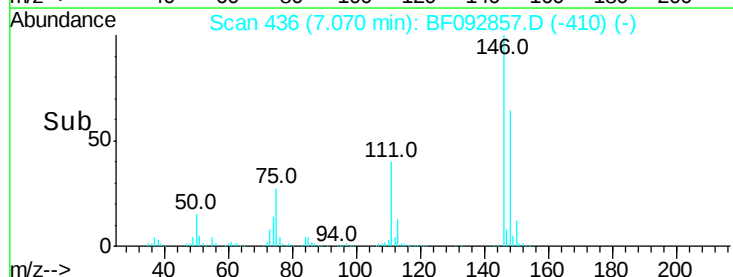
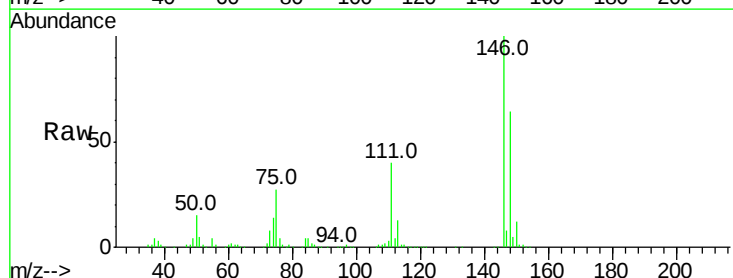
Manual Integrations
 APPROVED

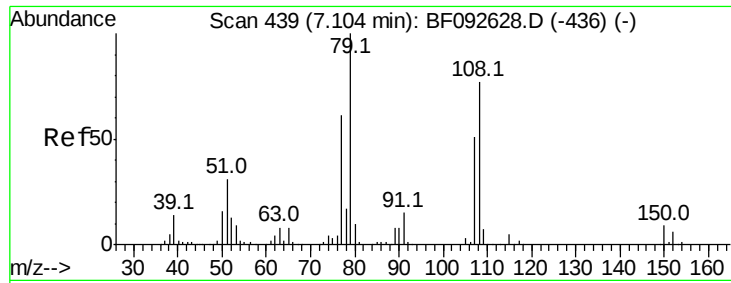
mohammad
 2/9/2017 12:31:11 PM



#14
 1,2-Dichlorobenzene
 Concen: 40.86 ng
 RT: 7.07 min Scan# 436
 Delta R.T. -0.00 min
 Lab File: BF092857.D
 Acq: 8 Feb 2017 17:07

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.5	52.2	78.2
111	40.4	36.2	54.2





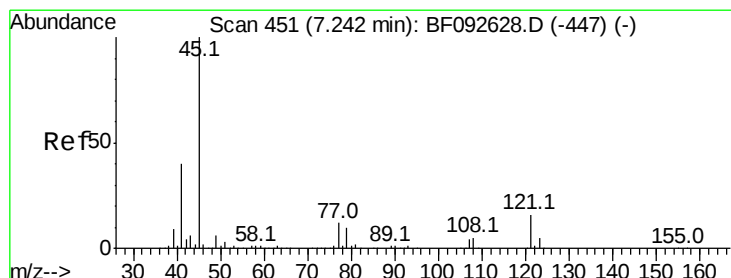
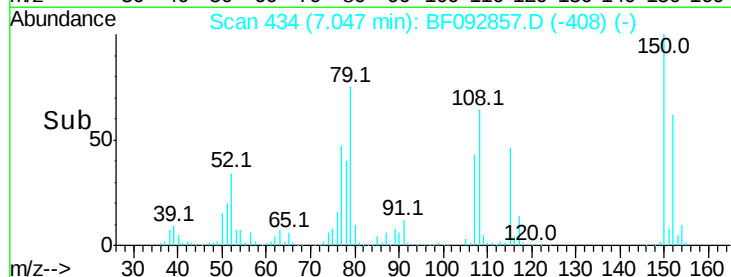
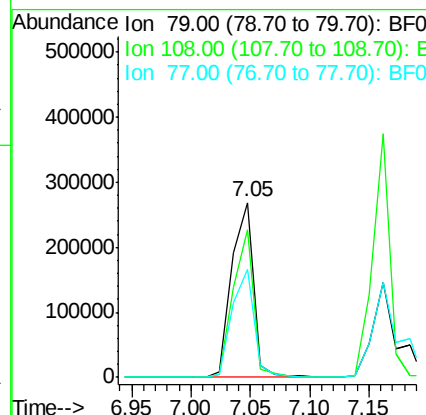
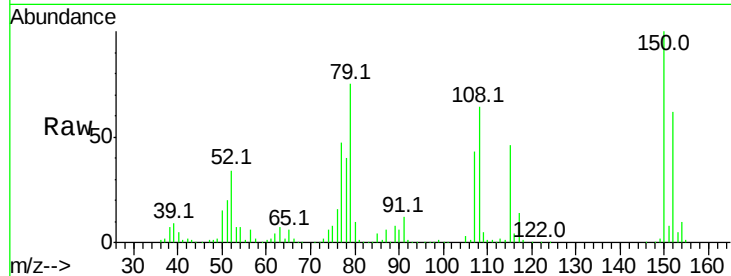
#15
Benzyl Alcohol
Concen: 43.09 ng
RT: 7.05 min Scan# 434
Delta R.T. -0.00 min
Lab File: BF092857.D
Acq: 8 Feb 2017 17:07

Instrument :
BNA_F
ClientSampleID :
PB96810BSD

Tot Ion	Ratio	Lower	Upper
79	100		
108	84.8	61.4	92.0
77	62.1	50.9	76.3

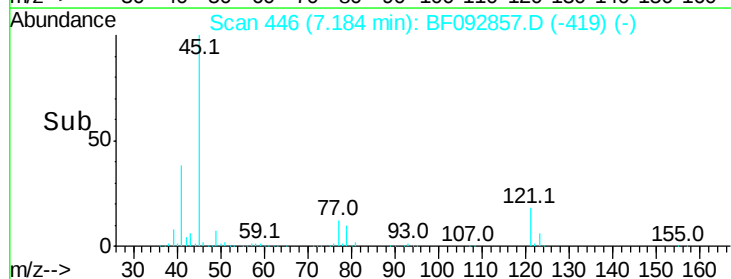
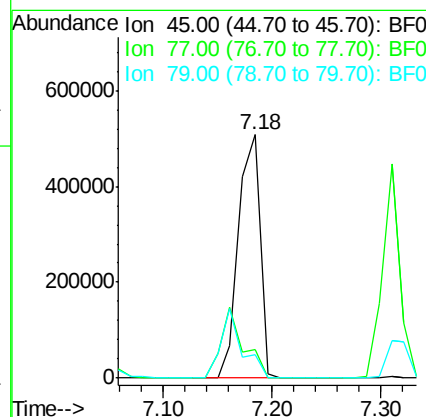
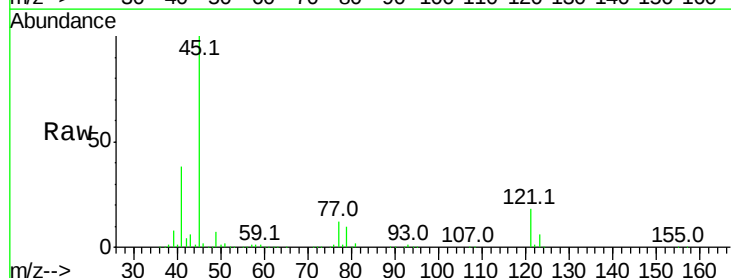
Manual Integrations
APPROVED

mohammad
2/9/2017 12:31:11 PM



#16
2,2'-oxybis(1-Chloropropane)
Concen: 39.93 ng
RT: 7.18 min Scan# 446
Delta R.T. 0.01 min
Lab File: BF092857.D
Acq: 8 Feb 2017 17:07

Tgt Ion	Ratio	Lower	Upper
45	100		
77	11.7	0.0	34.6
79	9.7	0.0	31.2





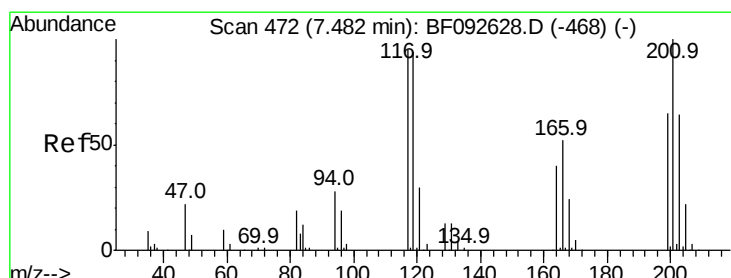
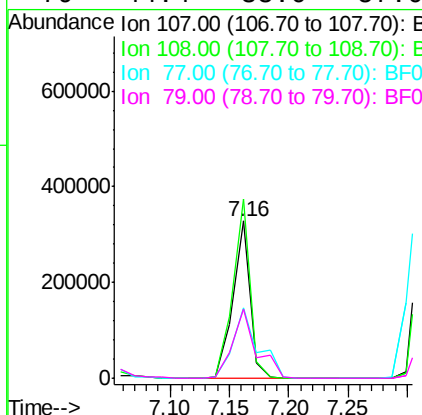
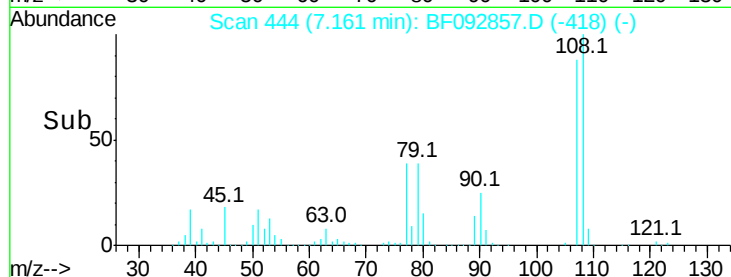
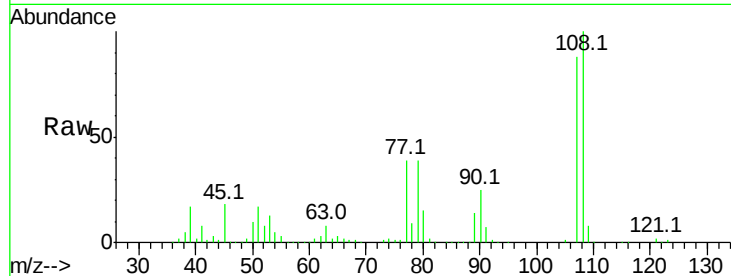
#17
2-Methylphenol
Concen: 41.82 ng
RT: 7.16 min Scan# 444
Delta R.T. -0.00 min
Lab File: BF092857.D
Acq: 8 Feb 2017 17:07

Instrument :
BNA_F
ClientSampleId :
PB96810BSD

Tot Ion	Ratio	Lower	Upper
107	100		
108	114.2	93.0	139.6
77	44.7	39.8	59.8
79	44.4	38.0	57.0

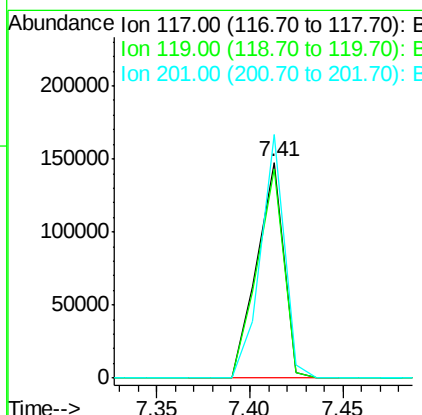
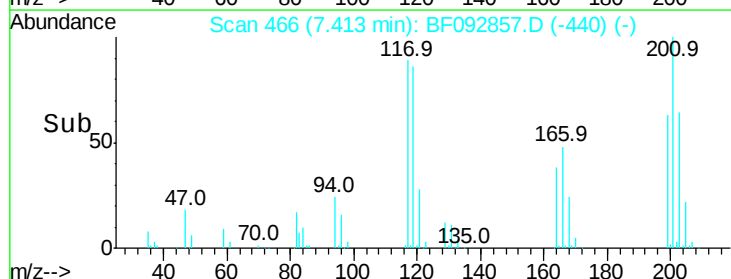
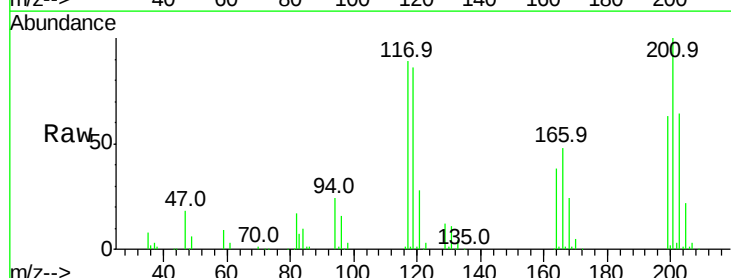
Manual Integrations
APPROVED

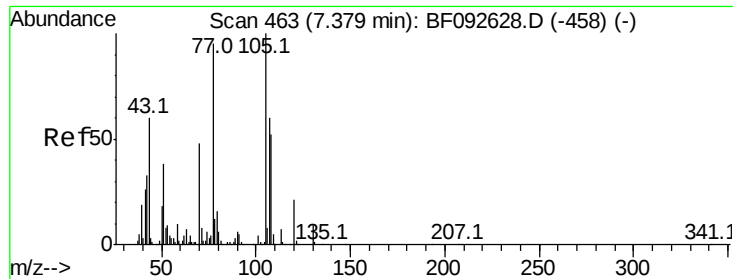
mohammad
2/9/2017 12:31:11 PM



#18
Hexachloroethane
Concen: 39.68 ng
RT: 7.41 min Scan# 466
Delta R.T. -0.00 min
Lab File: BF092857.D
Acq: 8 Feb 2017 17:07

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.7	78.1	117.1
201	112.8	78.6	117.8





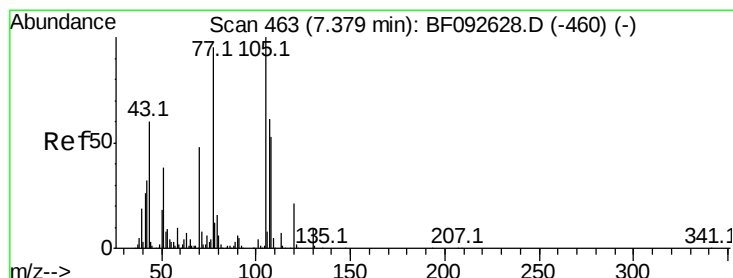
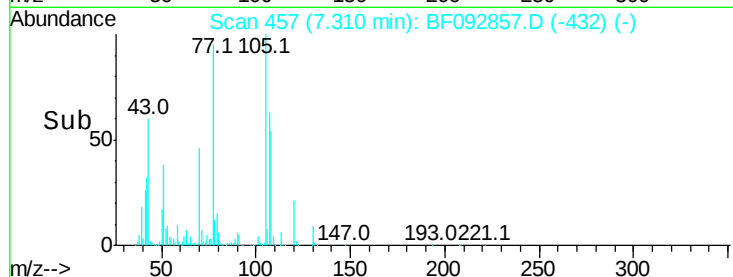
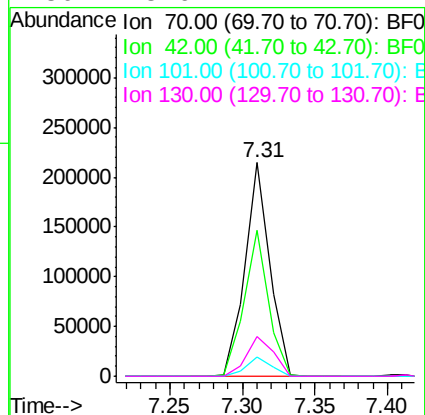
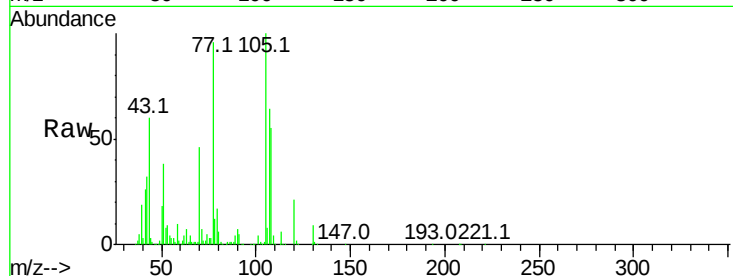
#19
n-Nitroso-di-n-propylamine
Concen: 37.56 ng
RT: 7.31 min Scan# 457
Delta R.T. -0.01 min
Lab File: BF092857.D
Acq: 8 Feb 2017 17:07

Instrument :
BNA_F
ClientSampleId :
PB96810BSD

Tot Ion	Ratio	Lower	Upper
70	100		
42	68.4	49.4	74.0
101	9.0	7.4	11.2
130	18.6	14.2	21.4

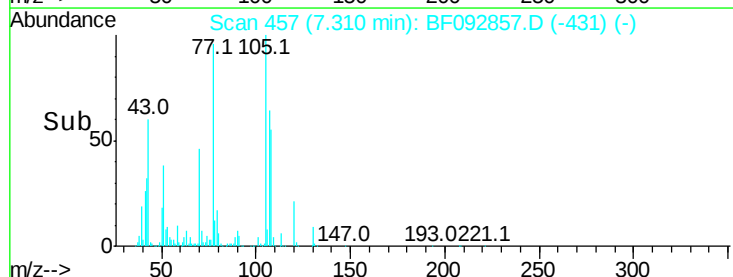
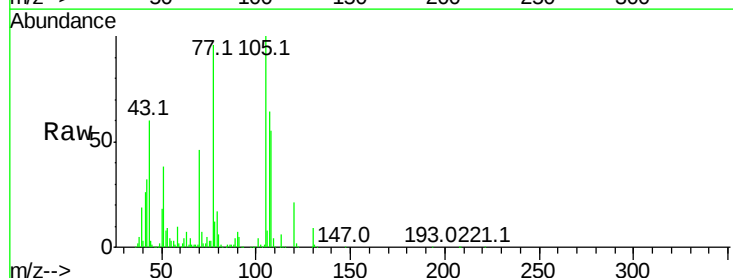
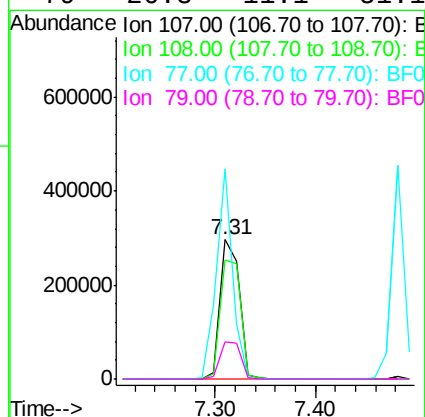
Manual Integrations
APPROVED

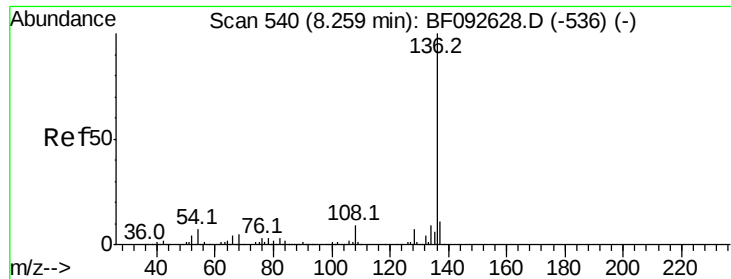
mohammad
2/9/2017 12:31:11 PM



#20
3+4-Methylphenols
Concen: 42.10 ng
RT: 7.31 min Scan# 457
Delta R.T. -0.00 min
Lab File: BF092857.D
Acq: 8 Feb 2017 17:07

Tgt Ion	Ratio	Lower	Upper
107	100		
108	85.7	73.0	113.0
77	150.6	71.3	111.3#
79	26.8	11.1	51.1





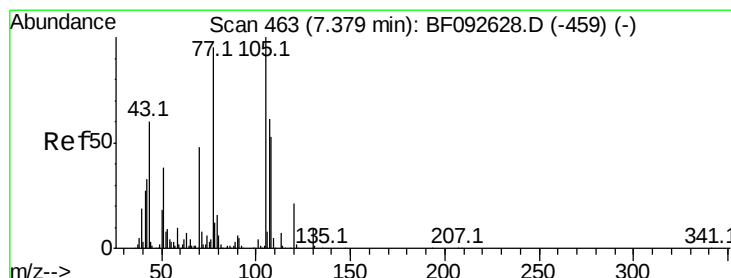
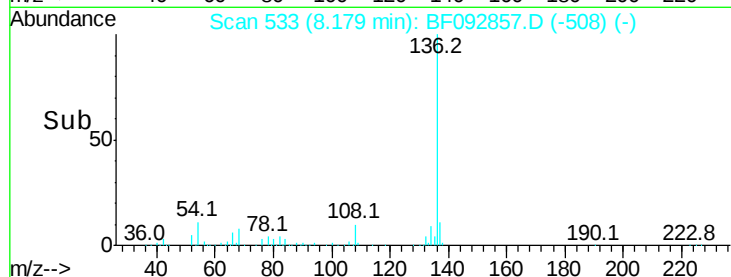
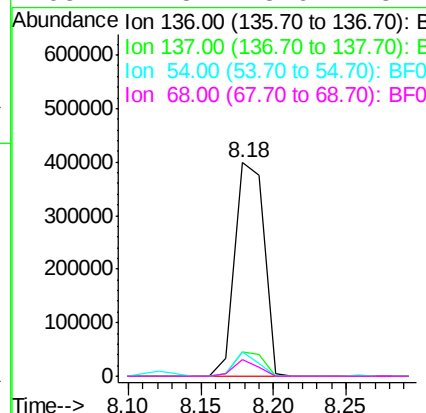
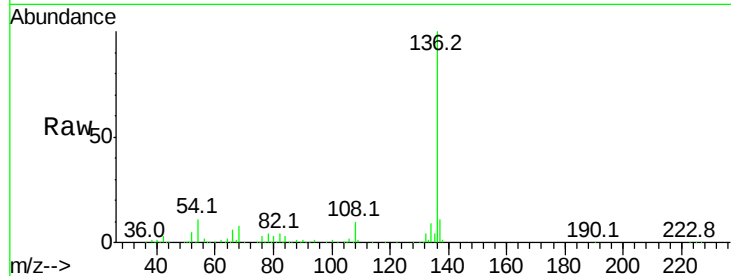
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.18 min Scan# 533
Delta R.T. -0.01 min
Lab File: BF092857.D
Acq: 8 Feb 2017 17:07

Instrument :
BNA_F
ClientSampleId :
PB96810BSD

Tot Ion	Ratio	Resp	Lower	Upper
136	100	556535		
137	11.4		8.4	12.6
54	11.5		4.5	6.7#
68	7.8		3.6	5.4#

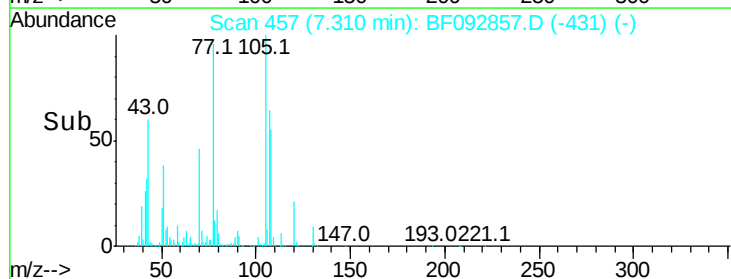
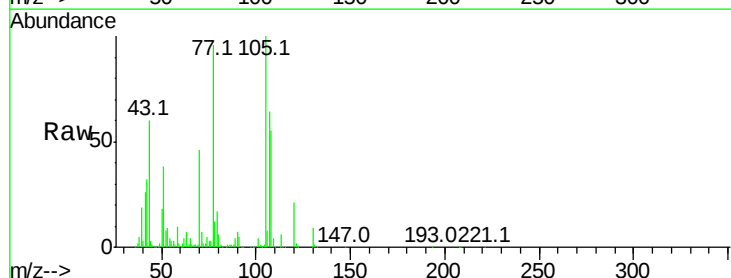
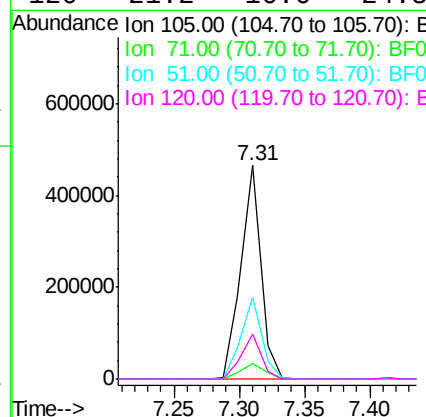
Manual Integrations
APPROVED

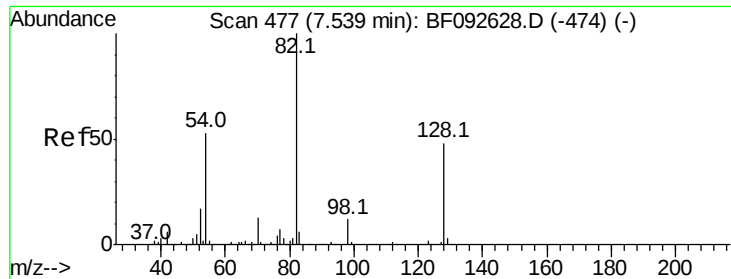
mohammad
2/9/2017 12:31:11 PM



#22
Acetophenone
Concen: 39.05 ng
RT: 7.31 min Scan# 457
Delta R.T. -0.00 min
Lab File: BF092857.D
Acq: 8 Feb 2017 17:07

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	496214		
71	7.5		3.2	4.8#
51	38.4		26.2	39.4
120	21.2		16.6	24.8





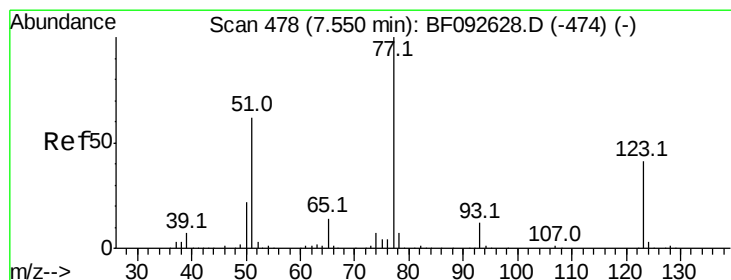
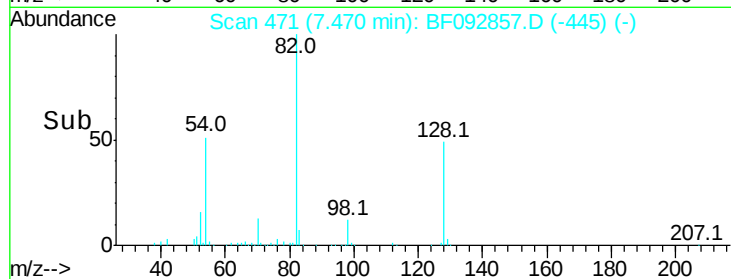
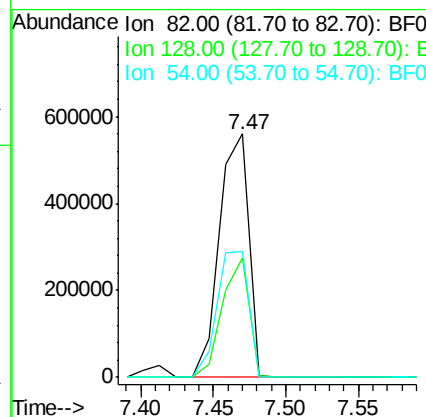
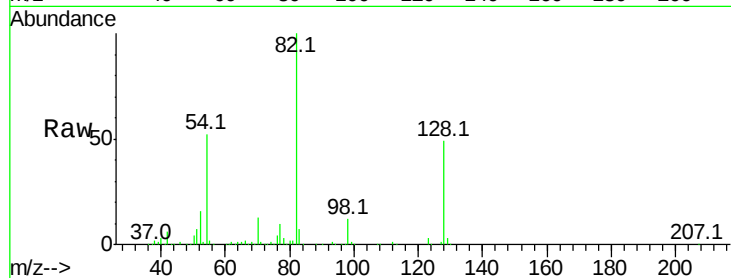
#23
 Nitrobenzene-d5
 Concen: 78.52 ng
 RT: 7.47 min Scan# 471
 Delta R.T. -0.00 min
 Lab File: BF092857.D
 Acq: 8 Feb 2017 17:07

Instrument :
 BNA_F
 ClientSampleId :
 PB96810BSD

Tot Ion	Ratio	Lower	Upper
82	100		
128	49.2	34.6	52.0
54	51.6	39.5	59.3

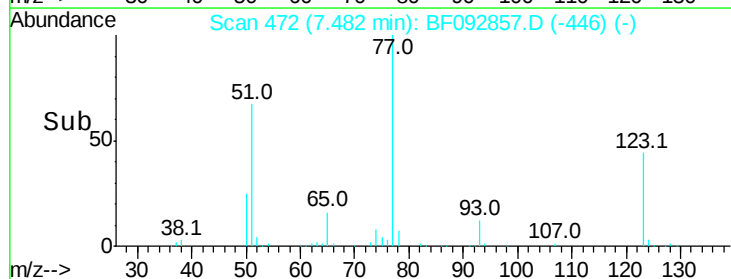
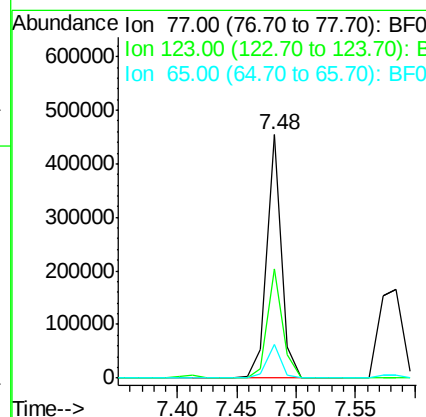
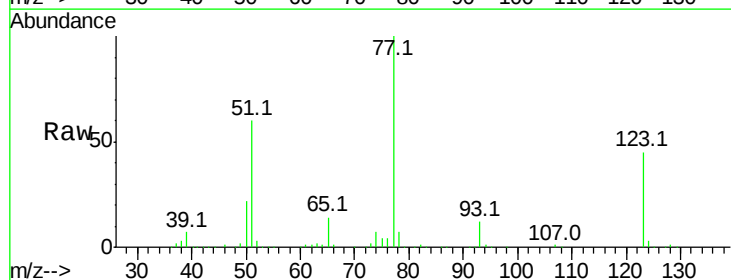
Manual Integrations
 APPROVED

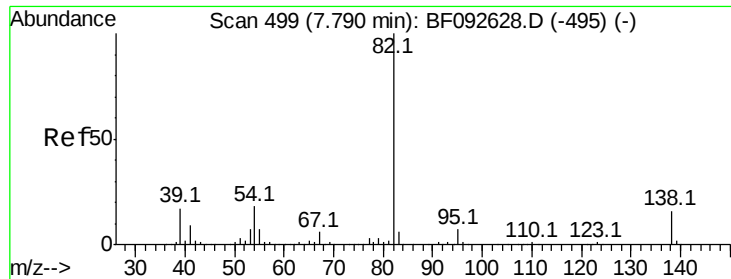
mohammad
 2/9/2017 12:31:11 PM



#24
 Nitrobenzene
 Concen: 38.13 ng
 RT: 7.48 min Scan# 472
 Delta R.T. -0.00 min
 Lab File: BF092857.D
 Acq: 8 Feb 2017 17:07

Tgt Ion	Ratio	Lower	Upper
77	100		
123	44.9	33.0	49.4
65	13.7	11.2	16.8





#25

Isophorone

Concen: 40.34 ng

RT: 7.72 min Scan# 493

Delta R.T. -0.00 min

Lab File: BF092857.D

Acq: 8 Feb 2017 17:07

Instrument :

BNA_F

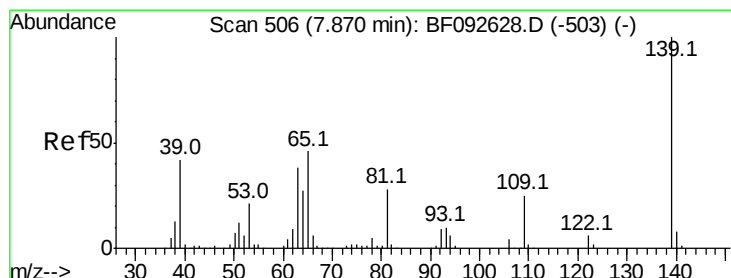
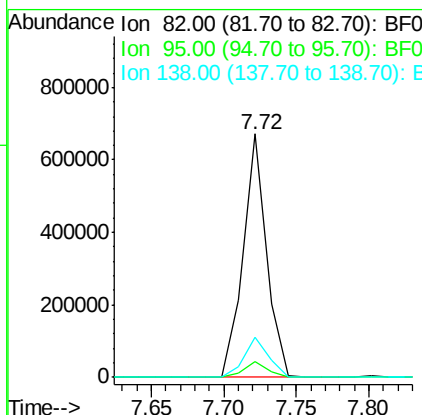
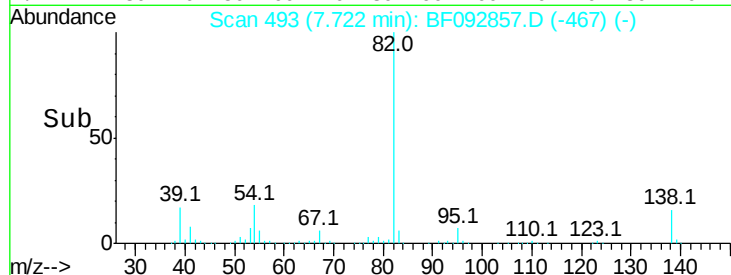
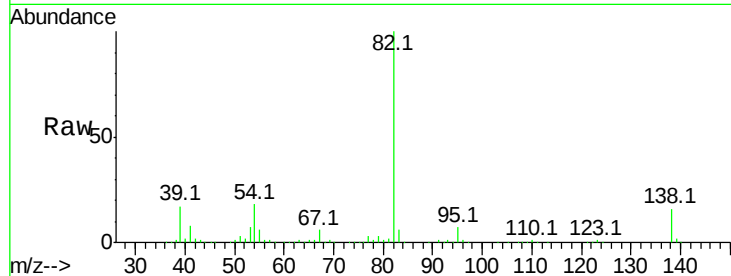
ClientSampleId :

PB96810BSD

Tot Ion:	82	Resp:	751209
Ion Ratio	Lower	Upper	
82	100		
95	6.6	5.6	8.4
138	16.5	14.6	22.0

Manual Integrations
APPROVED

mohammad
2/9/2017 12:31:11 PM



#26

2-Nitrophenol

Concen: 45.08 ng

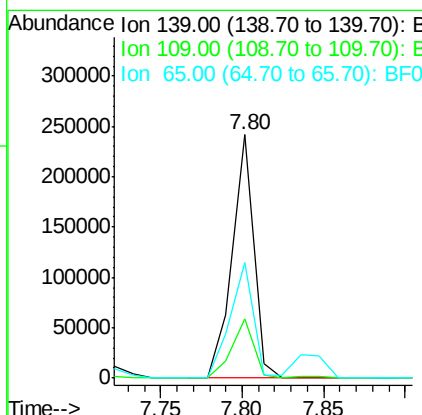
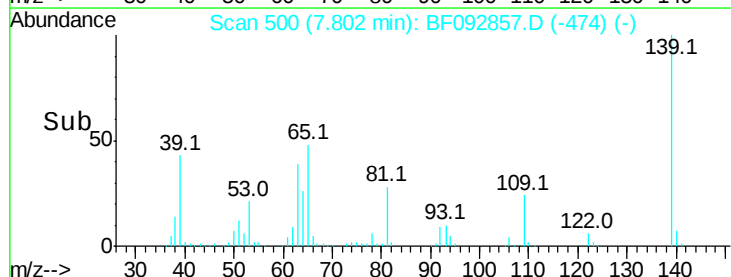
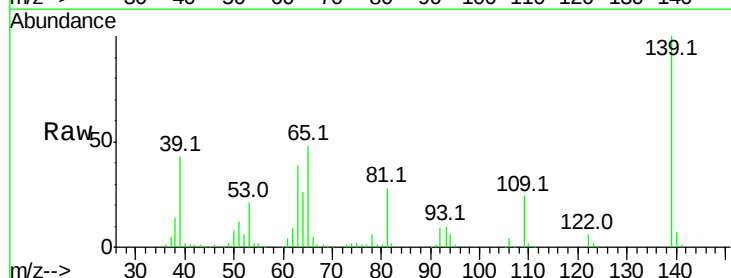
RT: 7.80 min Scan# 500

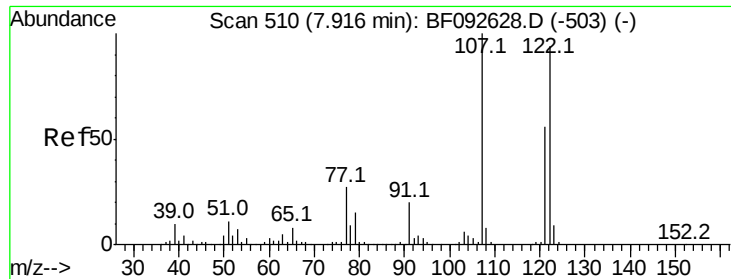
Delta R.T. -0.00 min

Lab File: BF092857.D

Acq: 8 Feb 2017 17:07

Tgt Ion:	139	Resp:	219901
Ion Ratio	Lower	Upper	
139	100		
109	24.2	23.3	34.9
65	47.5	42.7	64.1





#27

2,4-Dimethylphenol

Concen: 43.80 ng

RT: 7.85 min Scan# 504

Delta R.T. -0.00 min

Lab File: BF092857.D

Acq: 8 Feb 2017 17:07

Instrument :

BNA_F

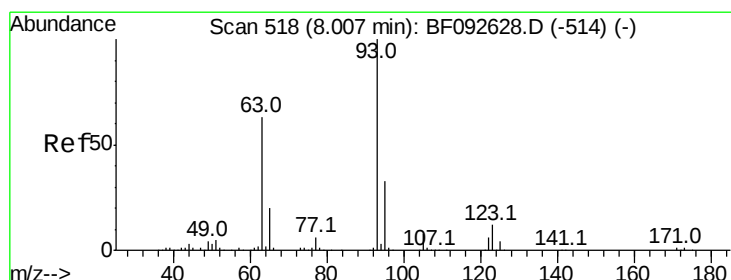
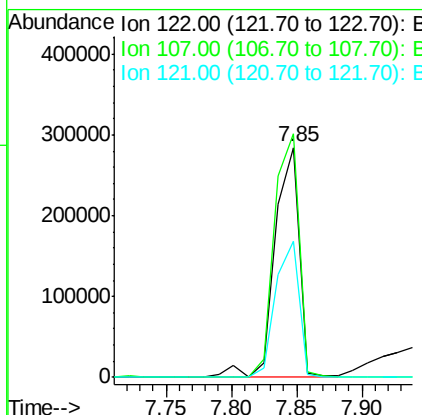
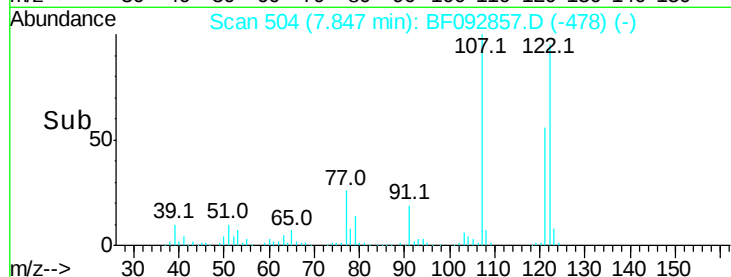
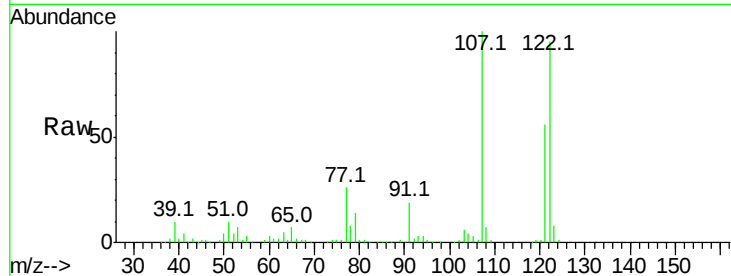
ClientSampleId :

PB96810BSD

Tot Ion:	122	Resp:	375271
Ion Ratio	Lower	Upper	
122	100		
107	105.8	94.1	141.1
121	58.9	46.0	69.0

Manual Integrations
APPROVED

mohammad
2/9/2017 12:31:11 PM



#28

bis(2-Chloroethoxy)methane

Concen: 41.27 ng

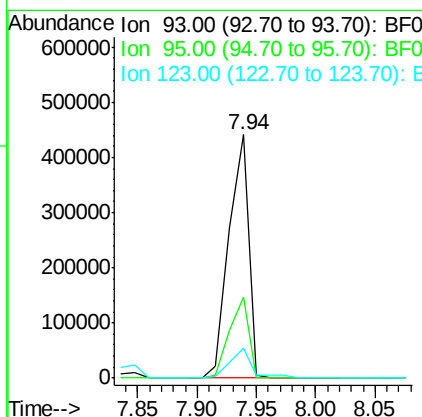
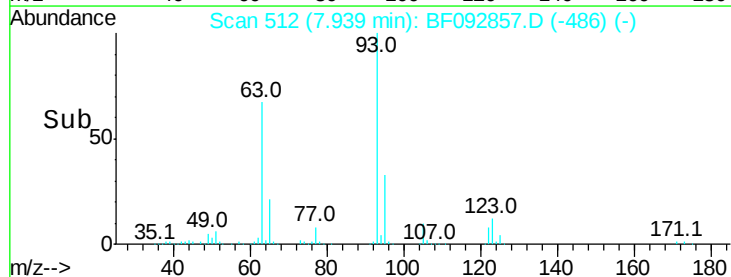
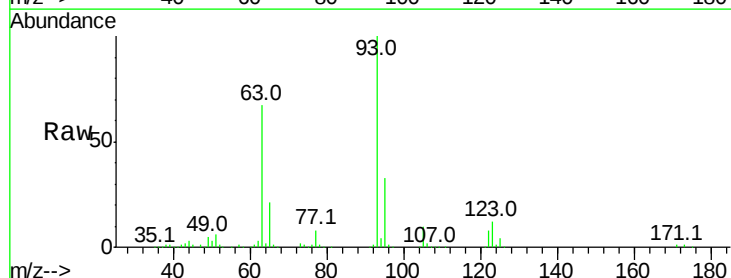
RT: 7.94 min Scan# 512

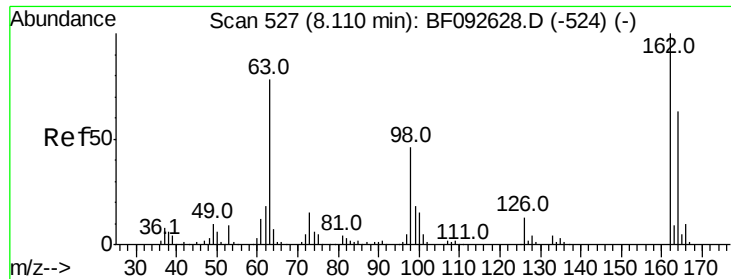
Delta R.T. -0.00 min

Lab File: BF092857.D

Acq: 8 Feb 2017 17:07

Tgt Ion:	93	Resp:	508990
Ion Ratio	Lower	Upper	
93	100		
95	33.1	26.5	39.7
123	12.0	8.6	13.0





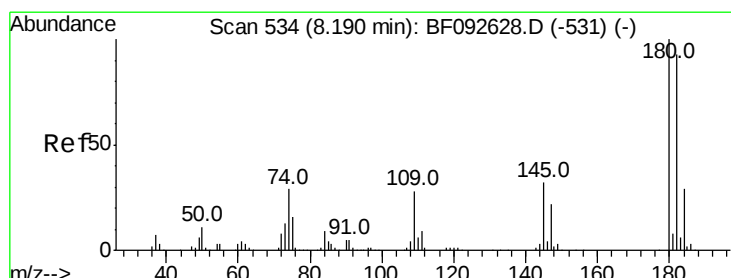
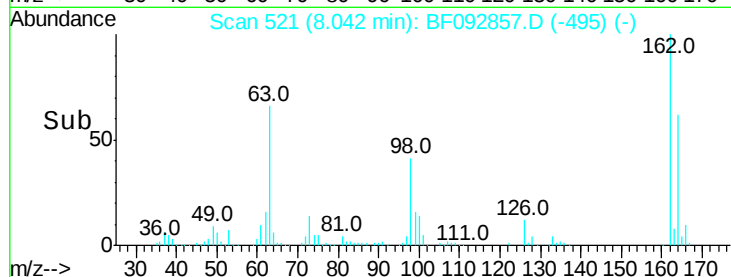
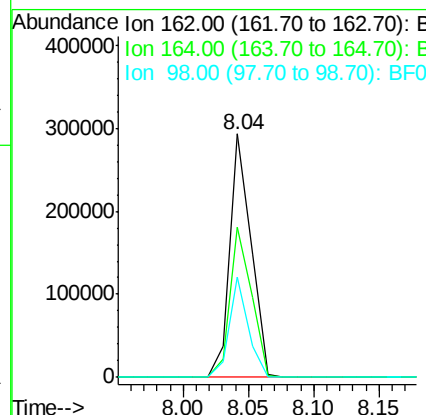
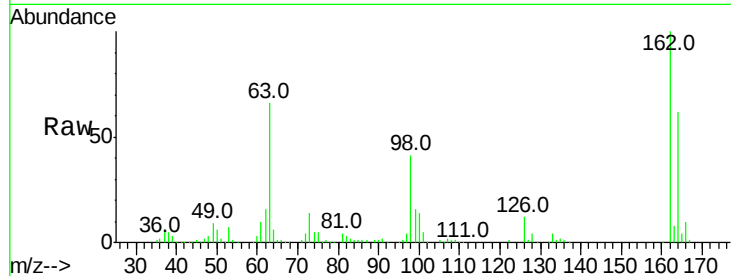
#29
2,4-Dichlorophenol
Concen: 41.58 ng
RT: 8.04 min Scan# 521
Delta R.T. -0.00 min
Lab File: BF092857.D
Acq: 8 Feb 2017 17:07

Instrument :
BNA_F
ClientSampleId :
PB96810BSD

Tot Ion	Ratio	Resp	Lower	Upper
162	100	332189		
164	61.8	46.8	86.8	
98	41.3	9.1	49.1	

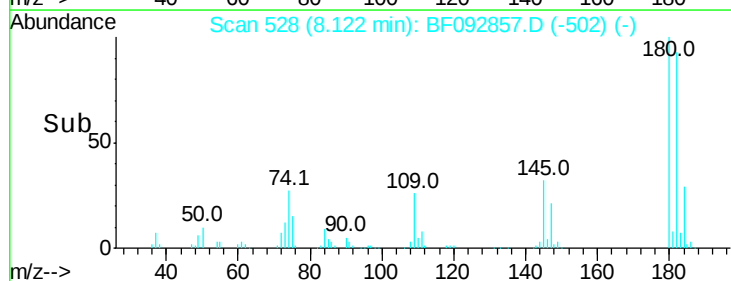
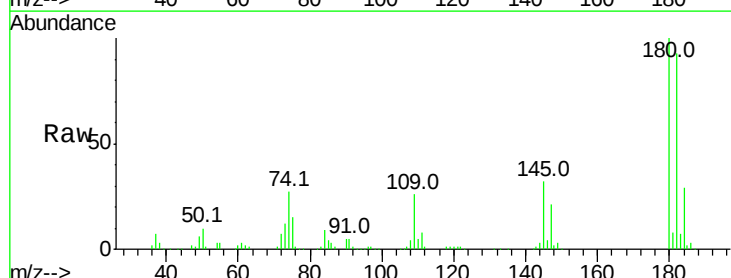
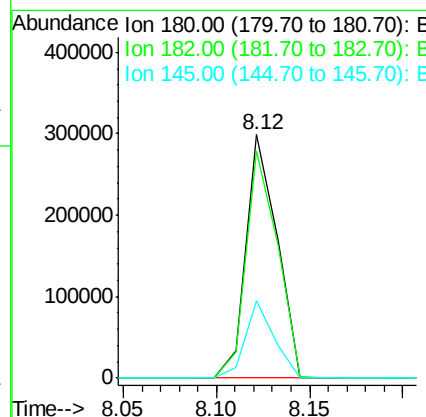
Manual Integrations
APPROVED

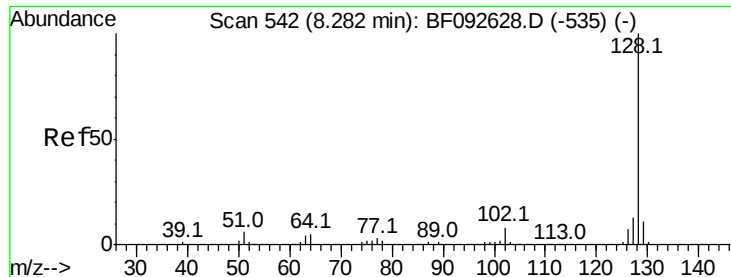
mohammad
2/9/2017 12:31:11 PM



#30
1,2,4-Trichlorobenzene
Concen: 39.97 ng
RT: 8.12 min Scan# 528
Delta R.T. -0.00 min
Lab File: BF092857.D
Acq: 8 Feb 2017 17:07

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	344129		
182	93.3	78.2	117.4	
145	31.7	21.6	32.4	





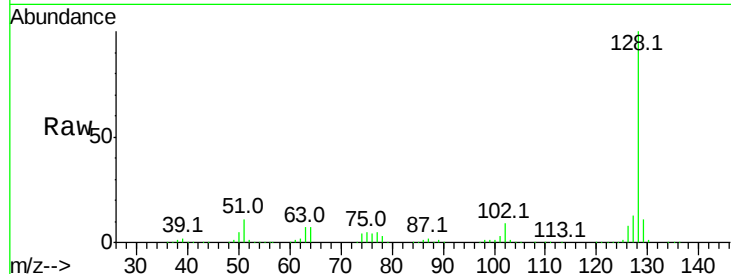
#31
Naphthalene
Concen: 37.79 ng
RT: 8.20 min Scan# 535
Delta R.T. -0.01 min
Lab File: BF092857.D
Acq: 8 Feb 2017 17:07

Instrument :
BNA_F
ClientSampleId :
PB96810BSD

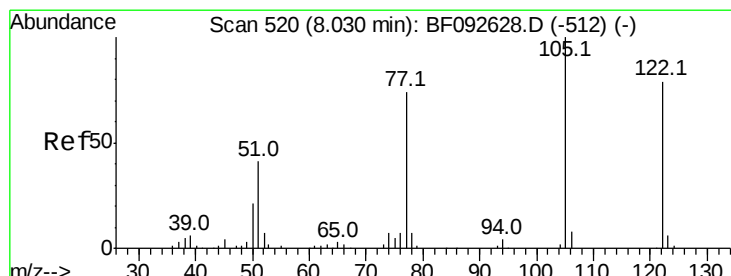
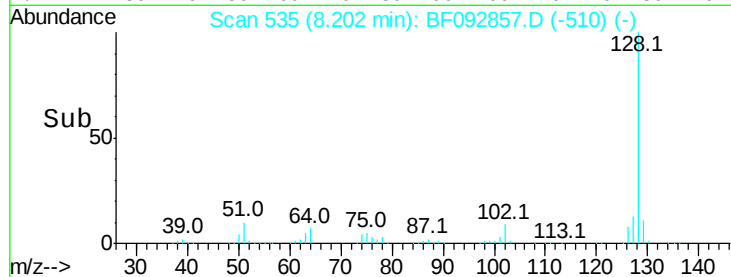
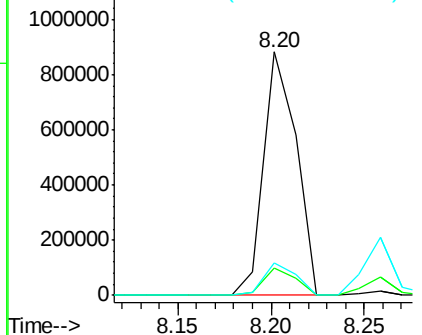
Tot Ion:128 Resp: 1066170
Ion Ratio Lower Upper
128 100
129 11.2 9.5 14.3
127 13.3 10.8 16.2

Manual Integrations
APPROVED

mohammad
2/9/2017 12:31:11 PM



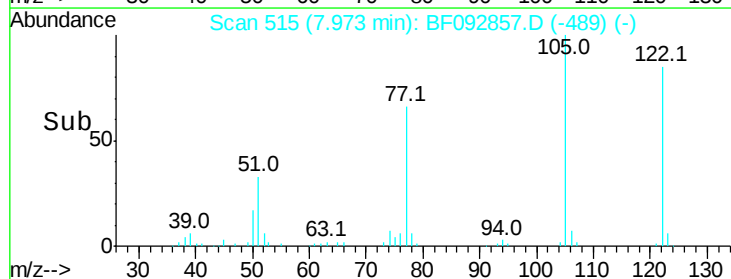
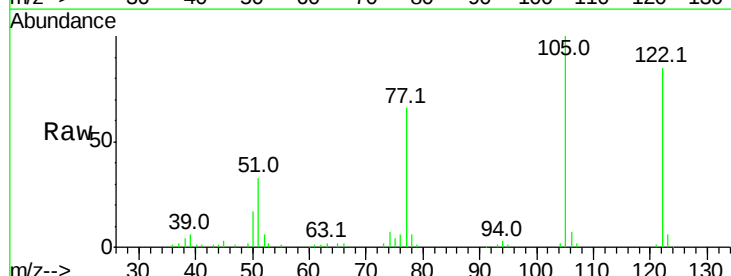
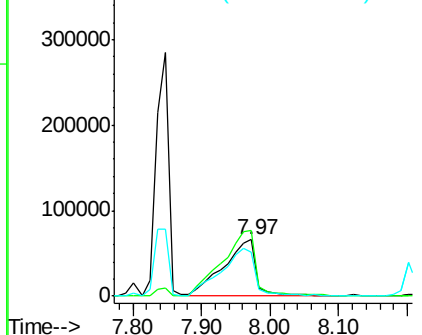
Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E



#32
Benzoic acid
Concen: 45.19 ng
RT: 7.97 min Scan# 515
Delta R.T. -0.00 min
Lab File: BF092857.D
Acq: 8 Feb 2017 17:07

Tgt Ion:122 Resp: 216973
Ion Ratio Lower Upper
122 100
105 118.1 107.2 147.2
77 78.2 74.5 114.5

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





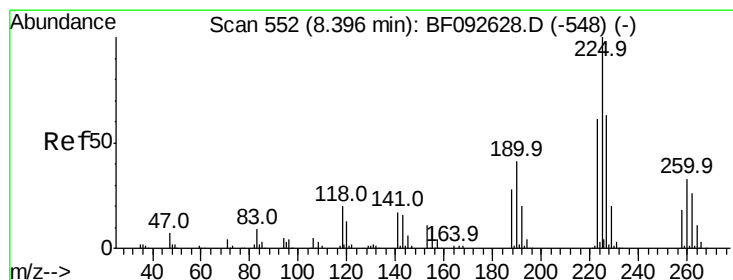
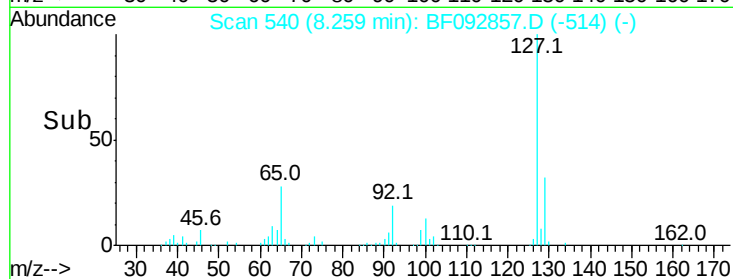
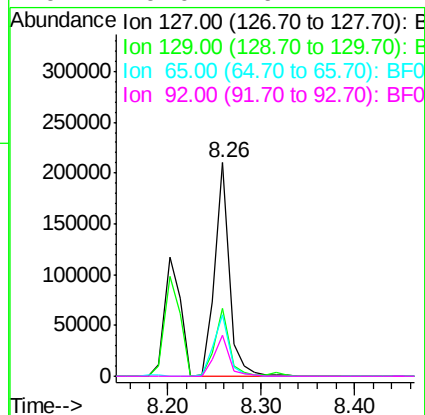
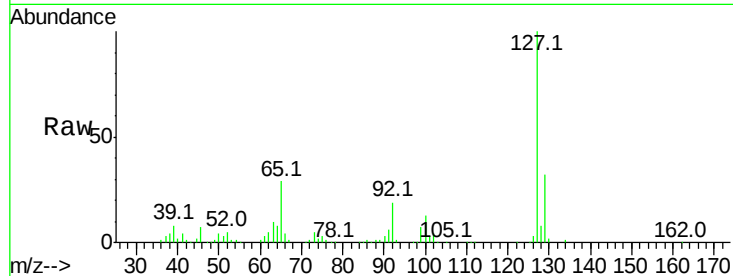
#33
4-Chloroaniline
Concen: 20.87 ng
RT: 8.26 min Scan# 540
Delta R.T. -0.00 min
Lab File: BF092857.D
Acq: 8 Feb 2017 17:07

Instrument :
BNA_F
ClientSampleId :
PB96810BSD

Tot Ion	Ratio	Resp	Lower	Upper
127	100			
129	31.7	26.3	39.5	
65	28.8	25.8	38.8	
92	19.0	16.1	24.1	

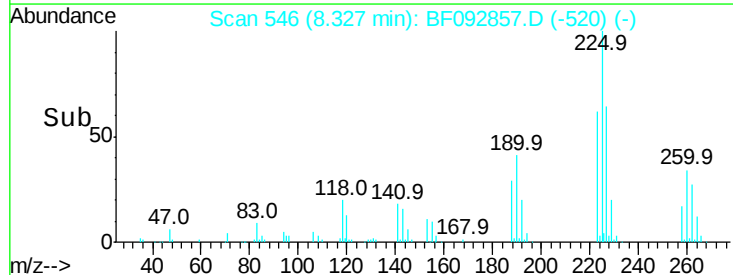
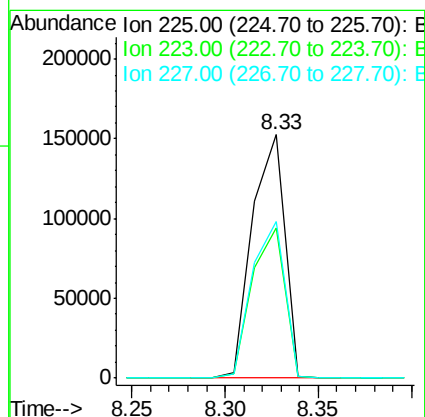
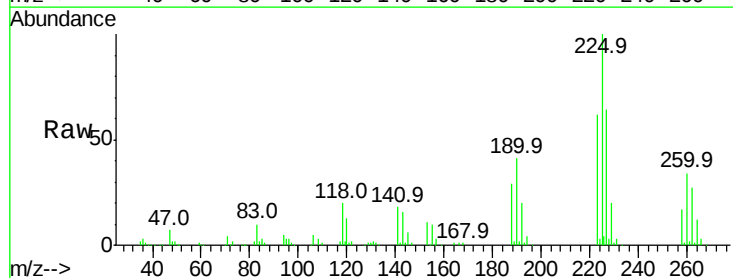
Manual Integrations
APPROVED

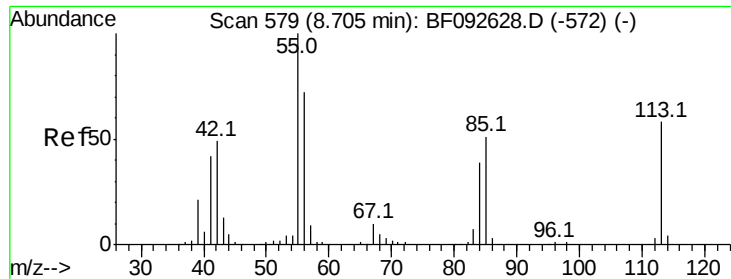
mohammad
2/9/2017 12:31:11 PM



#34
Hexachlorobutadiene
Concen: 38.94 ng
RT: 8.33 min Scan# 546
Delta R.T. -0.00 min
Lab File: BF092857.D
Acq: 8 Feb 2017 17:07

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	61.6	51.0	76.6	
227	64.2	50.6	76.0	





#35

Caprolactam

Concen: 45.02 ng/ml

RT: 8.62 min Scan# 572

Delta R.T. -0.01 min

Lab File: BF092857.D

Acq: 8 Feb 2017 17:07

Instrument :

BNA_F

ClientSampleID :

PB96810BSD

Tot Ion:113 Resp: 113148

Ion Ratio Lower Upper

113 100

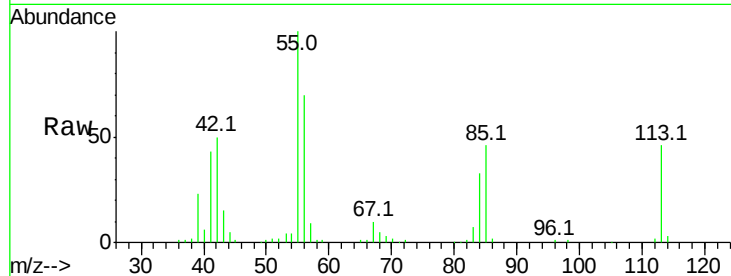
55 216.7 119.2 159.2#

56 152.6 83.8 123.8#

Manual Integrations
APPROVED

mohammad

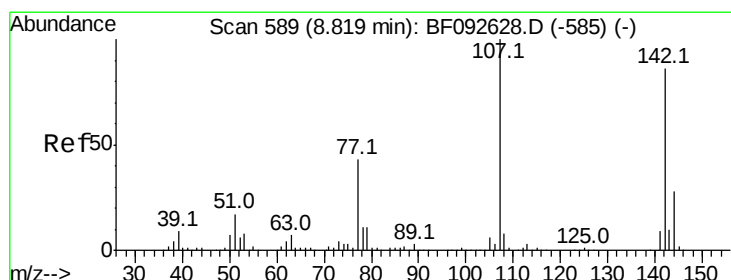
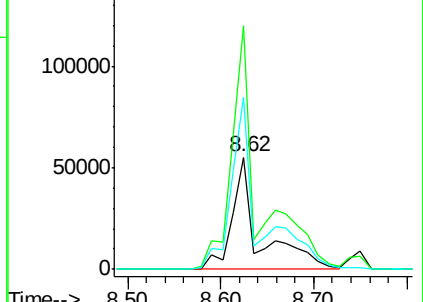
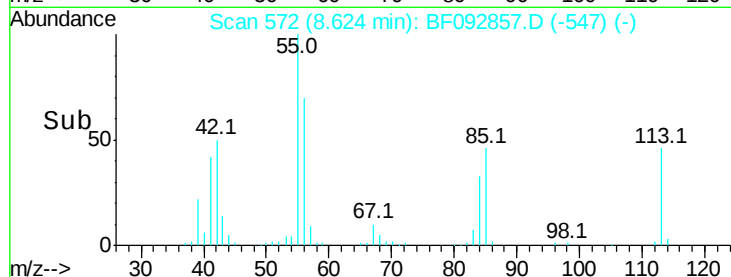
2/9/2017 12:31:11 PM



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 45.42 ng/ml

RT: 8.75 min Scan# 583

Delta R.T. -0.00 min

Lab File: BF092857.D

Acq: 8 Feb 2017 17:07

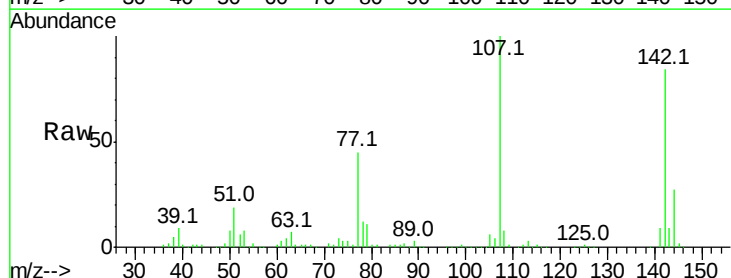
Tgt Ion:107 Resp: 378327

Ion Ratio Lower Upper

107 100

144 26.5 19.3 28.9

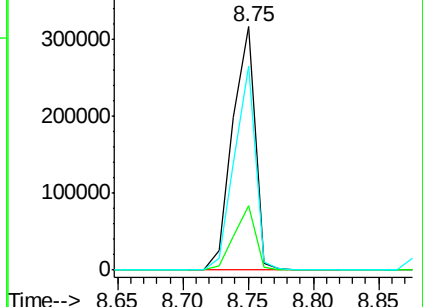
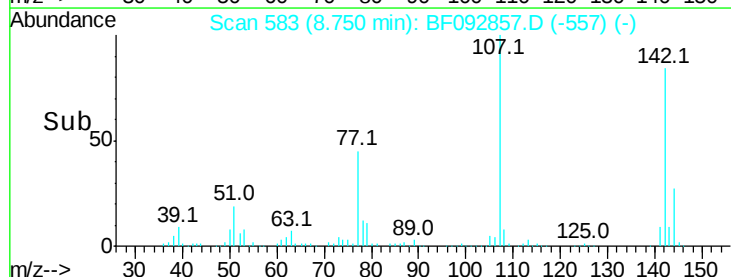
142 83.7 59.0 88.6

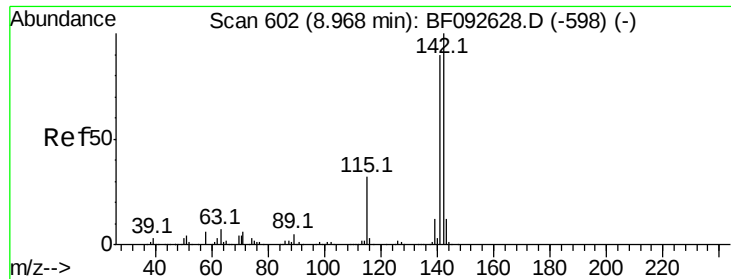


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





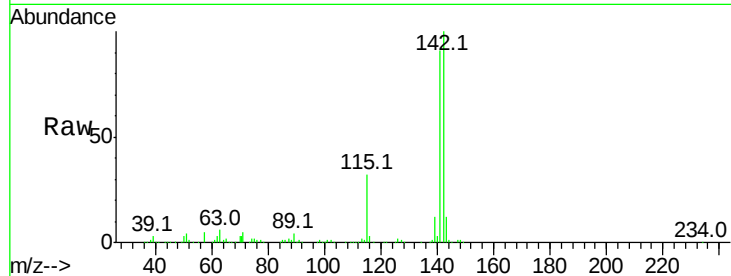
#37
2-Methylnaphthalene
Concen: 42.41 ng
RT: 8.90 min Scan# 596
Delta R.T. -0.00 min
Lab File: BF092857.D
Acq: 8 Feb 2017 17:07

Instrument :
BNA_F
ClientSampleId :
PB96810BSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	90.5	71.0	106.6
115	31.6	28.3	42.5

Manual Integrations
APPROVED

mohammad
2/9/2017 12:31:11 PM

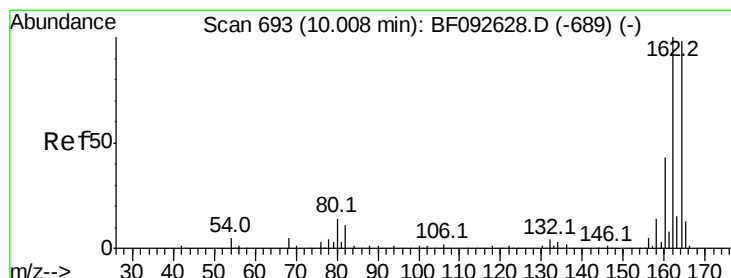
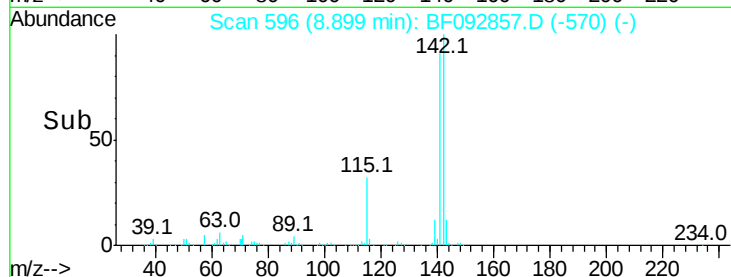
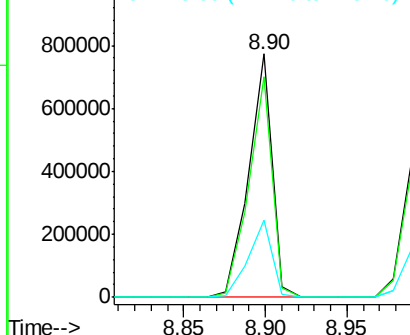


Abundance

Ion 142.00 (141.70 to 142.70): E

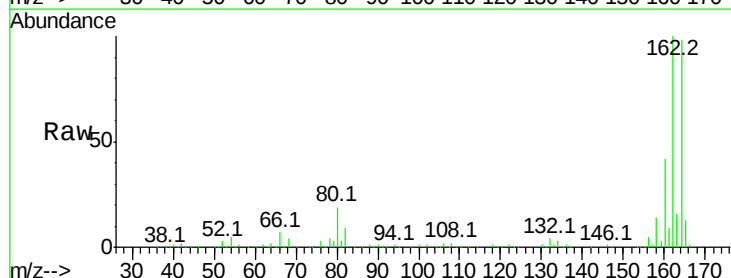
Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.94 min Scan# 687
Delta R.T. -0.00 min
Lab File: BF092857.D
Acq: 8 Feb 2017 17:07

Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.9	80.2	120.2
160	42.9	36.9	55.3

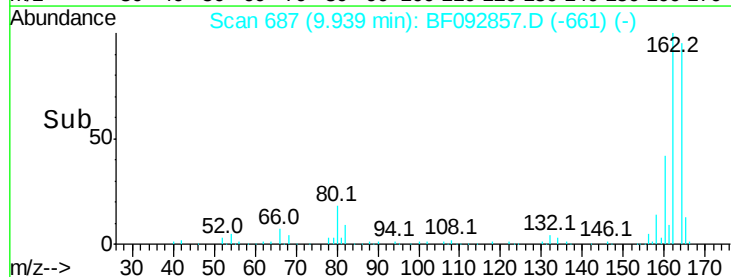
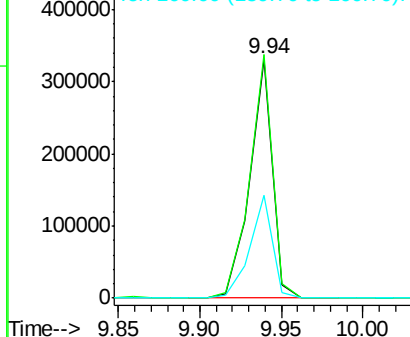


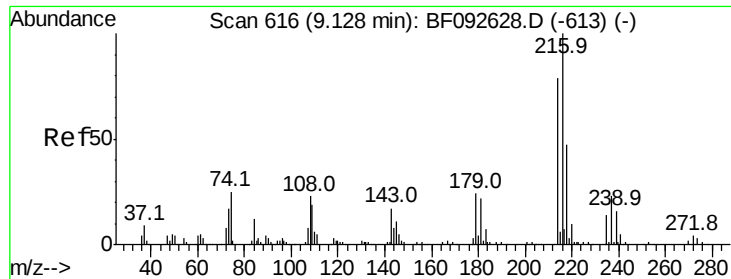
Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





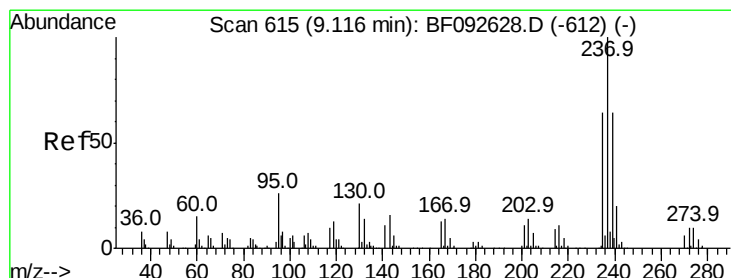
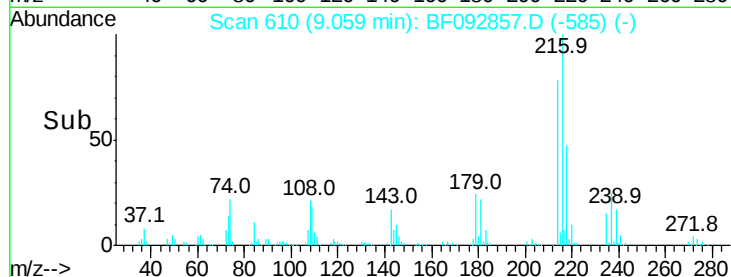
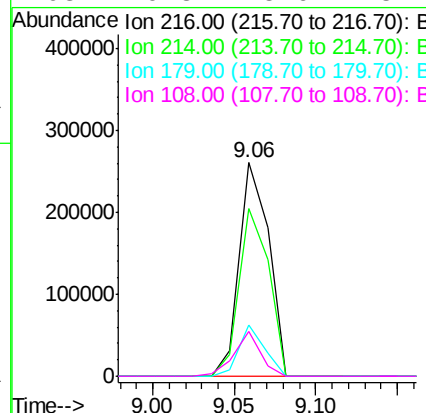
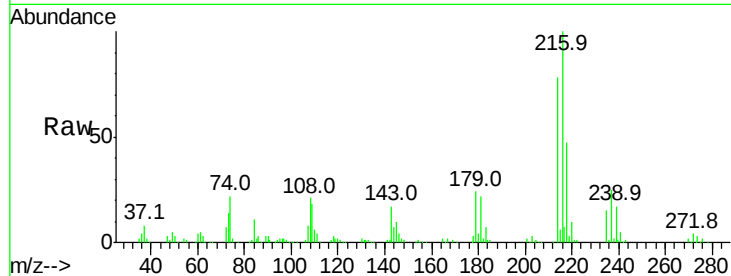
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 36.51 ng
 RT: 9.06 min Scan# 610
 Delta R.T. -0.01 min
 Lab File: BF092857.D
 Acq: 8 Feb 2017 17:07

Instrument :
 BNA_F
 ClientSampleId :
 PB96810BSD

Tot Ion:	216	Resp:	325482
Ion Ratio	Lower	Upper	
216	100		
214	78.7	63.4	95.0
179	20.7	17.4	26.2
108	19.3	15.6	23.4

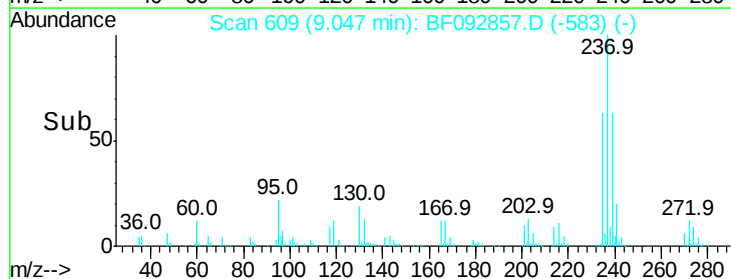
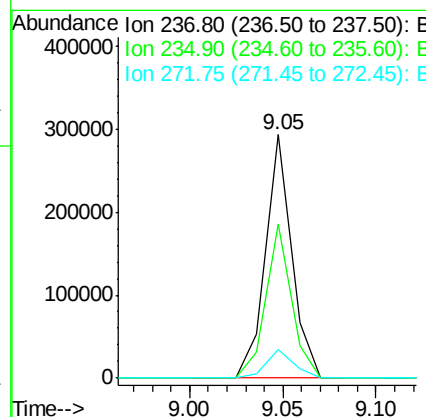
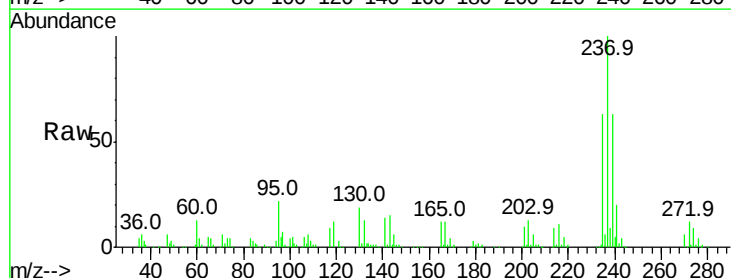
Manual Integrations
 APPROVED

mohammad
 2/9/2017 12:31:11 PM



#40
 Hexachlorocyclopentadiene
 Concen: 70.36 ng
 RT: 9.05 min Scan# 609
 Delta R.T. -0.00 min
 Lab File: BF092857.D
 Acq: 8 Feb 2017 17:07

Tgt Ion:	237	Resp:	283028
Ion Ratio	Lower	Upper	
237	100		
235	63.5	41.2	81.2
272	11.5	0.0	35.4





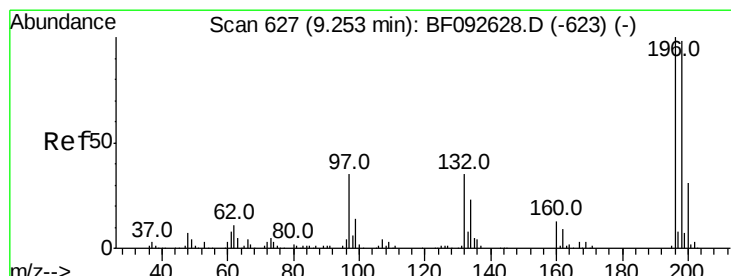
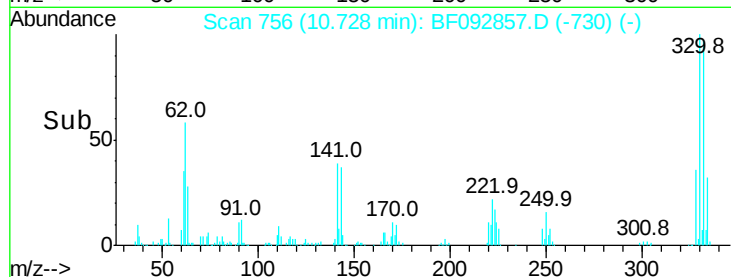
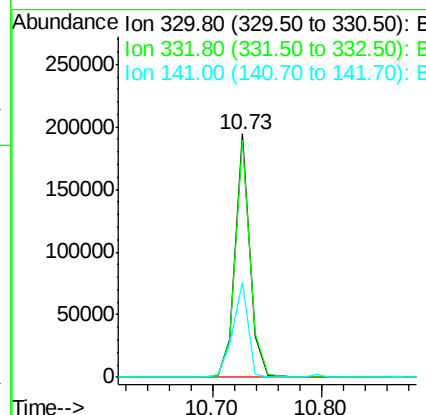
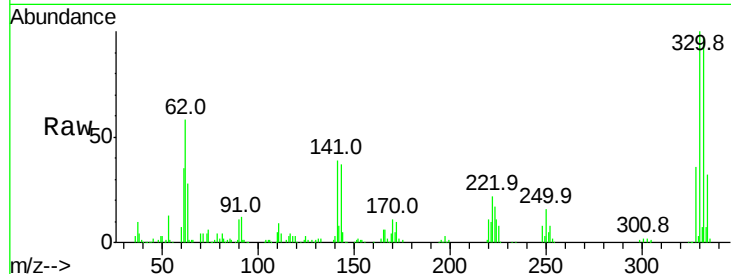
#41
 2,4,6-Tribromophenol
 Concen: 78.64 ng
 RT: 10.73 min Scan# 756
 Delta R.T. -0.00 min
 Lab File: BF092857.D
 Acq: 8 Feb 2017 17:07

Instrument :
 BNA_F
 ClientSampleId :
 PB96810BSD

Tot Ion	Ratio	Resp	Lower	Upper
330	100	180640		
332	98.3	77.4	116.2	
141	41.0	34.1	51.1	

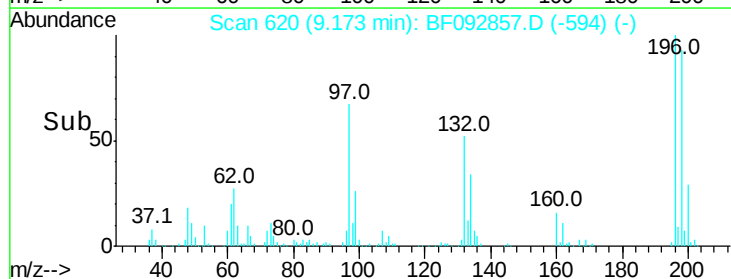
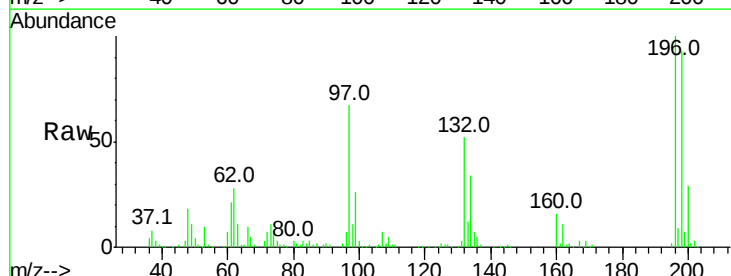
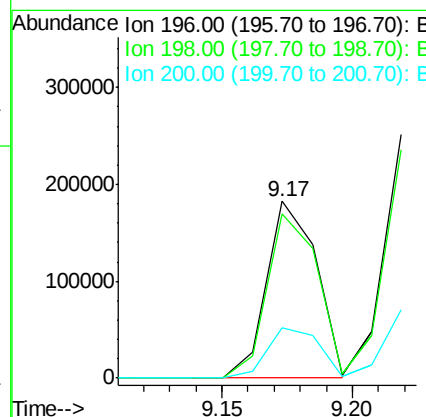
Manual Integrations
 APPROVED

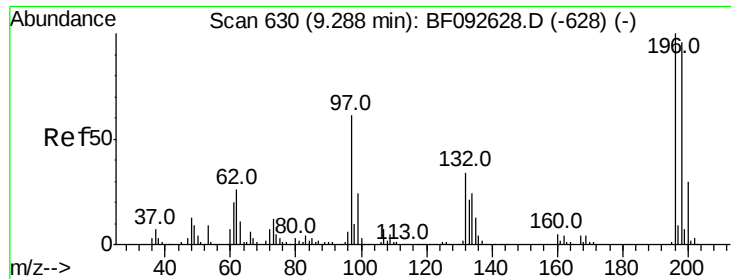
mohammad
 2/9/2017 12:31:11 PM



#42
 2,4,6-Trichlorophenol
 Concen: 41.07 ng
 RT: 9.17 min Scan# 620
 Delta R.T. -0.00 min
 Lab File: BF092857.D
 Acq: 8 Feb 2017 17:07

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	240586		
198	92.7	82.1	123.1	
200	28.8	27.0	40.4	





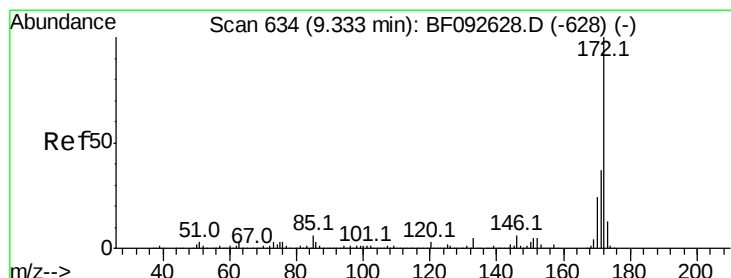
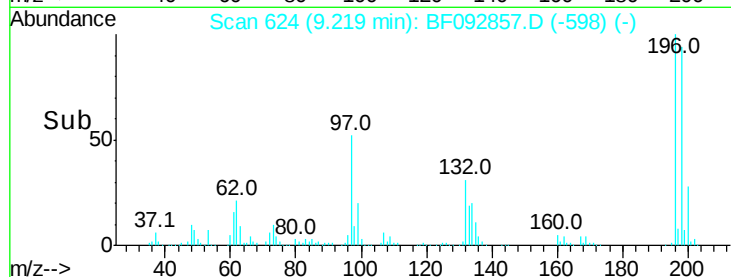
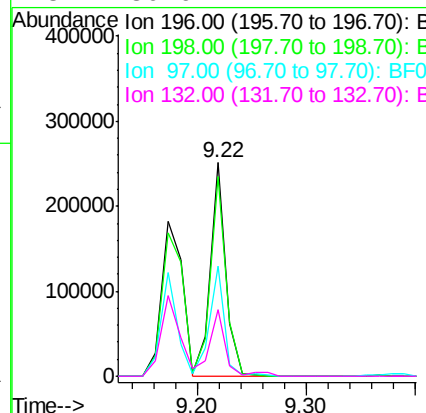
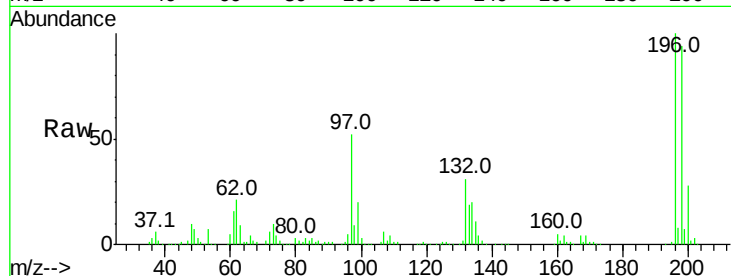
#43
 2,4,5-Trichlorophenol
 Concen: 39.24 ng
 RT: 9.22 min Scan# 624
 Delta R.T. -0.00 min
 Lab File: BF092857.D
 Acq: 8 Feb 2017 17:07

Instrument :
 BNA_F
 ClientSampleId :
 PB96810BSD

Tot Ion:	196	Resp:	251874
Ion Ratio	Lower	Upper	
196	100		
198	93.5	79.4	119.2
97	51.8	51.5	77.3
132	30.9	27.4	41.2

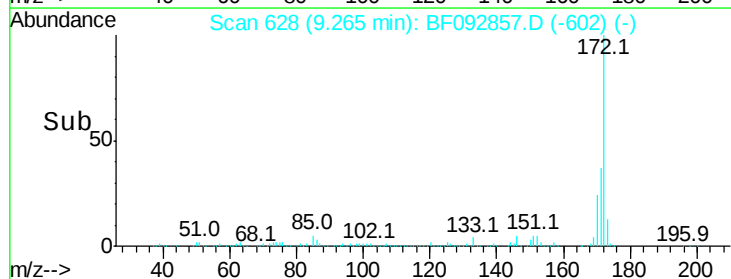
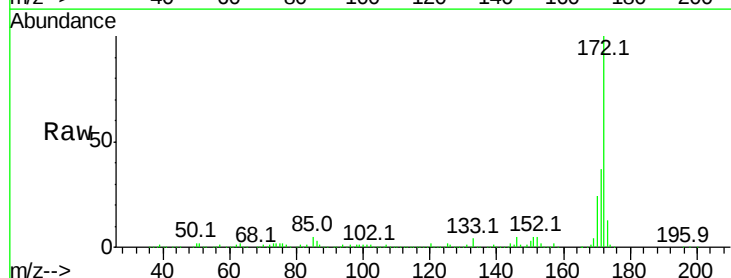
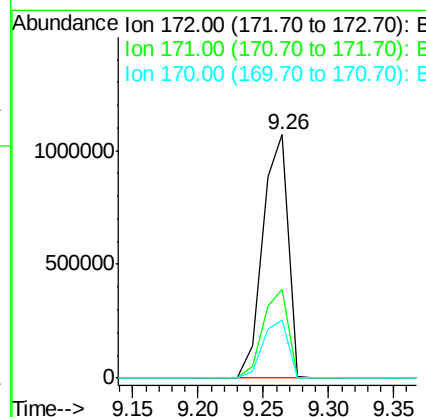
Manual Integrations
 APPROVED

mohammad
 2/9/2017 12:31:11 PM



#44
 2-Fluorobiphenyl
 Concen: 82.29 ng
 RT: 9.26 min Scan# 628
 Delta R.T. -0.00 min
 Lab File: BF092857.D
 Acq: 8 Feb 2017 17:07

Tgt Ion:	172	Resp:	1442739
Ion Ratio	Lower	Upper	
172	100		
171	36.6	29.4	44.0
170	24.0	20.2	30.4





#45

1,1'-Biphenyl

Concen: 37.66 ng

RT: 9.36 min Scan# 636

Delta R.T. -0.01 min

Lab File: BF092857.D

Acq: 8 Feb 2017 17:07

Instrument :

BNA_F

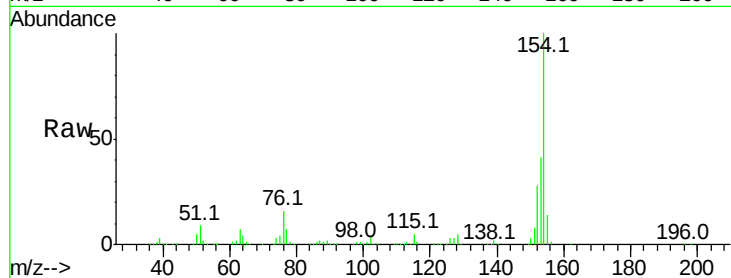
ClientSampleId :

PB96810BSD

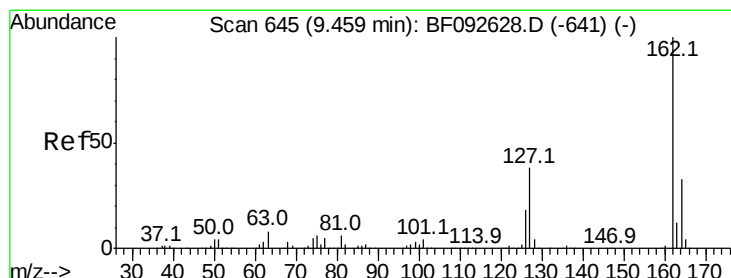
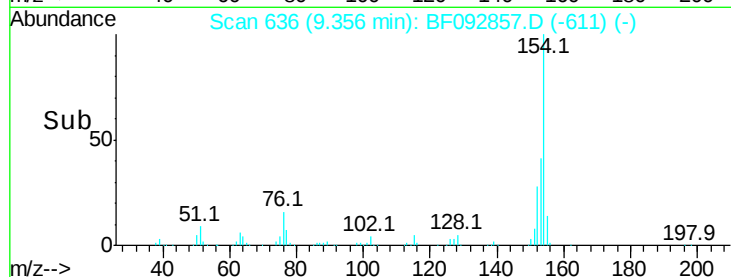
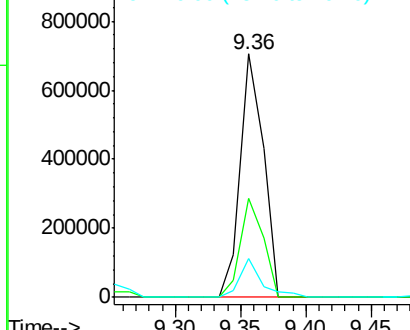
Tot Ion:	154	Resp:	866136
Ion Ratio	Lower	Upper	
154	100		
153	40.8	20.9	60.9
76	16.1	0.0	30.5

Manual Integrations
APPROVED

mohammad
2/9/2017 12:31:11 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: 41.10 ng

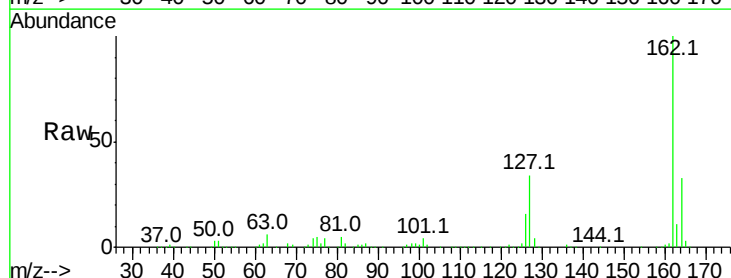
RT: 9.39 min Scan# 639

Delta R.T. -0.00 min

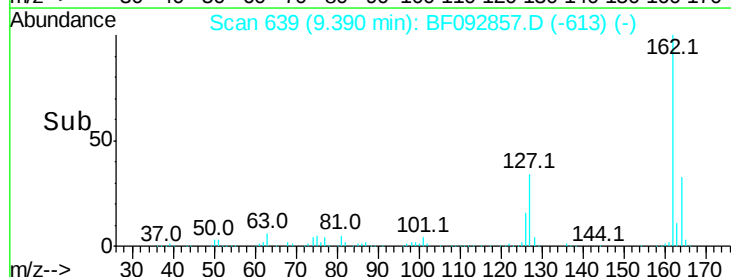
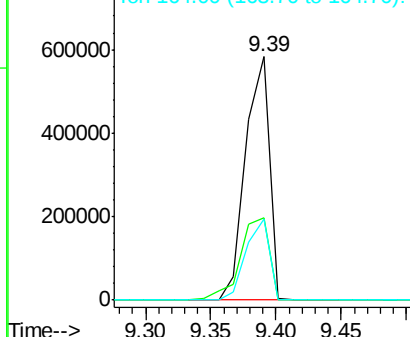
Lab File: BF092857.D

Acq: 8 Feb 2017 17:07

Tgt Ion:	162	Resp:	739510
Ion Ratio	Lower	Upper	
162	100		
127	33.9	30.7	46.1
164	33.3	27.6	41.4



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





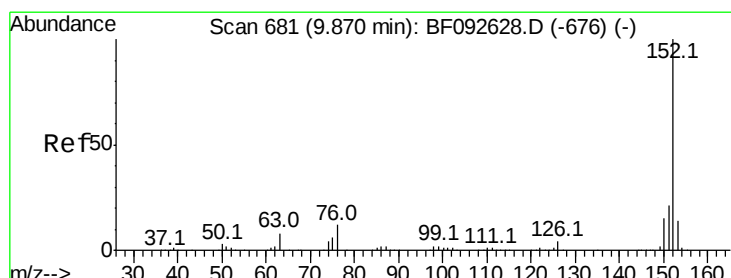
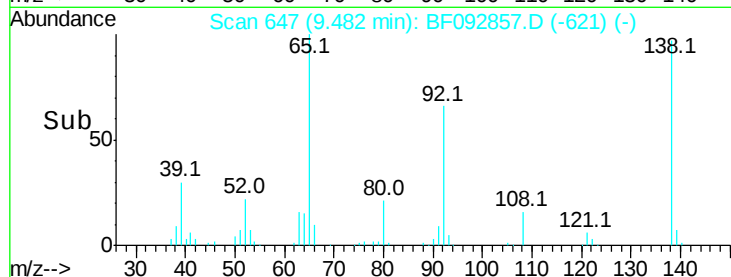
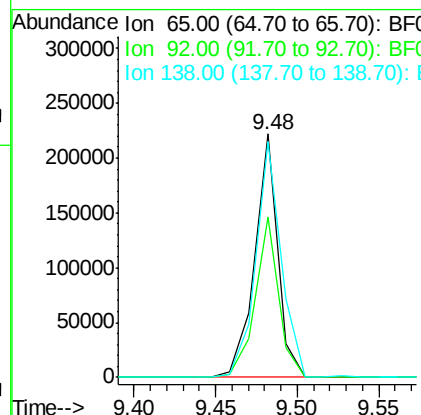
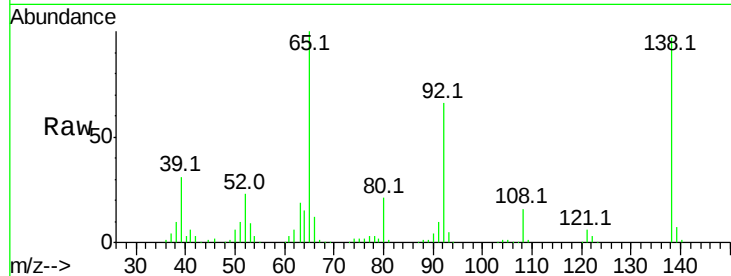
#47
2-Nitroaniline
Concen: 35.98 ng
RT: 9.48 min Scan# 647
Delta R.T. -0.00 min
Lab File: BF092857.D
Acq: 8 Feb 2017 17:07

Instrument :
BNA_F
ClientSampleId :
PB96810BSD

Tot Ion	Ratio	Lower	Upper
65	100		
92	66.1	53.9	80.9
138	96.7	76.8	115.2

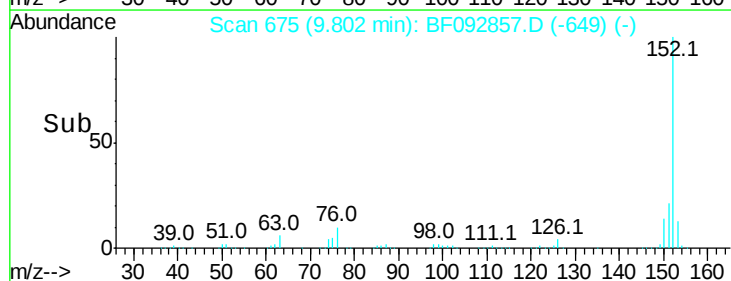
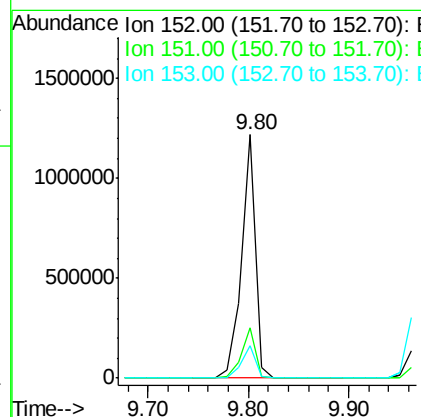
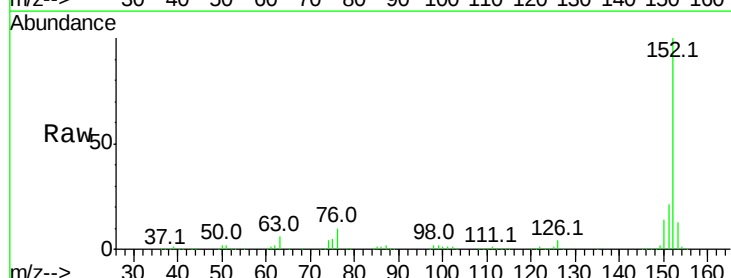
Manual Integrations
APPROVED

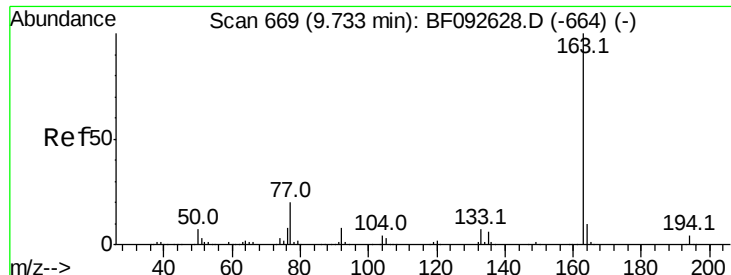
mohammad
2/9/2017 12:31:11 PM



#48
Acenaphthylene
Concen: 37.41 ng
RT: 9.80 min Scan# 675
Delta R.T. -0.00 min
Lab File: BF092857.D
Acq: 8 Feb 2017 17:07

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.6	16.9	25.3
153	13.3	11.4	17.2





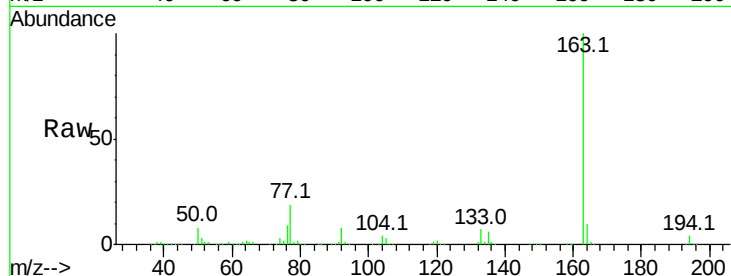
#49
Dimethylphthalate
Concen: 41.60 ng
RT: 9.66 min Scan# 663
Delta R.T. -0.00 min
Lab File: BF092857.D
Acq: 8 Feb 2017 17:07

Instrument :
BNA_F
ClientSampleId :
PB96810BSD

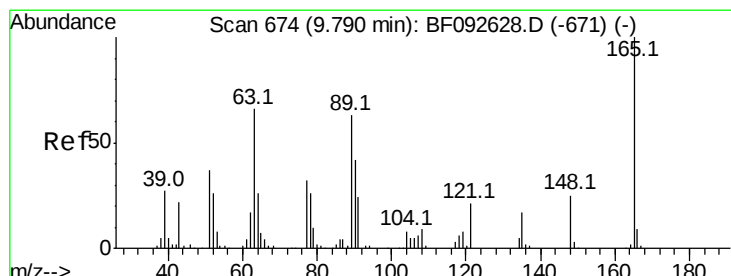
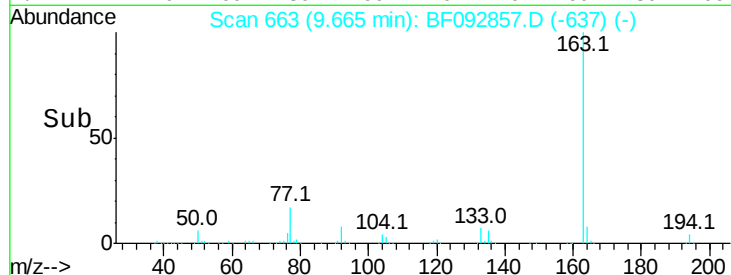
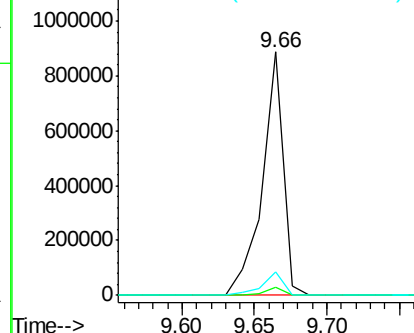
Tot Ion	Ratio	Resp	Lower	Upper
163	100			
194	3.6	3.0	4.4	
164	9.9	8.0	12.0	

Manual Integrations
APPROVED

mohammad
2/9/2017 12:31:11 PM

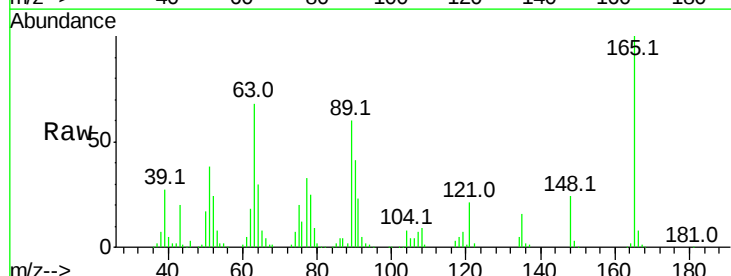


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

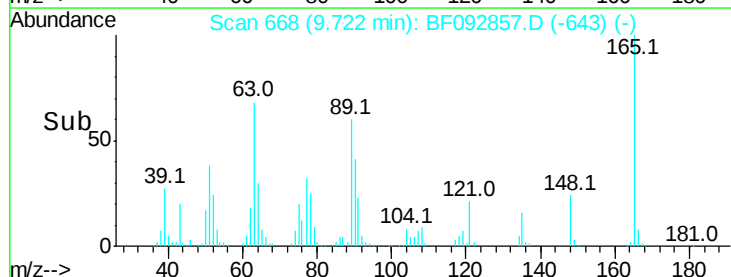
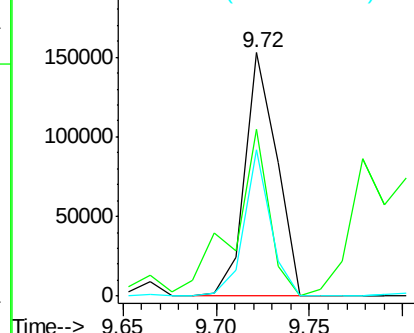


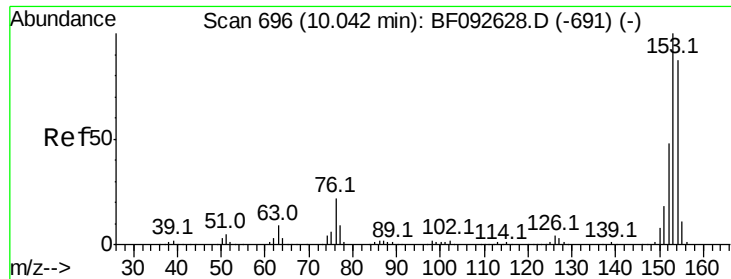
#50
2,6-Dinitrotoluene
Concen: 39.06 ng
RT: 9.72 min Scan# 668
Delta R.T. -0.01 min
Lab File: BF092857.D
Acq: 8 Feb 2017 17:07

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	68.4	36.2	54.4#	
89	60.1	40.2	60.4	



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





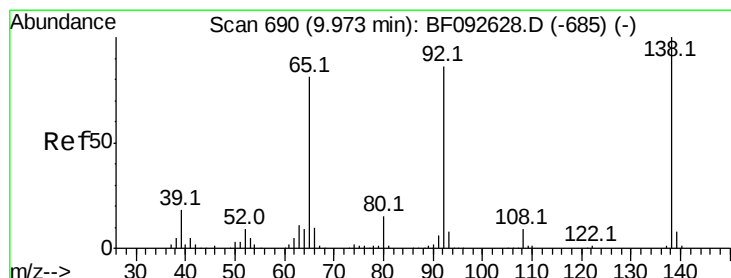
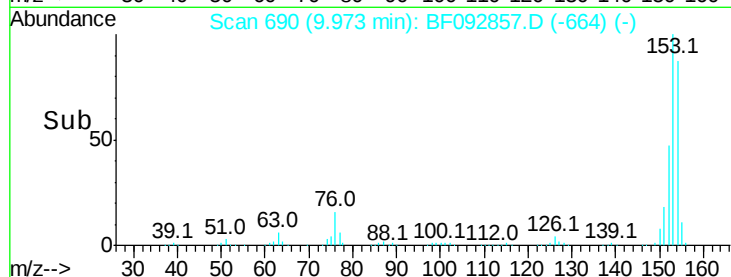
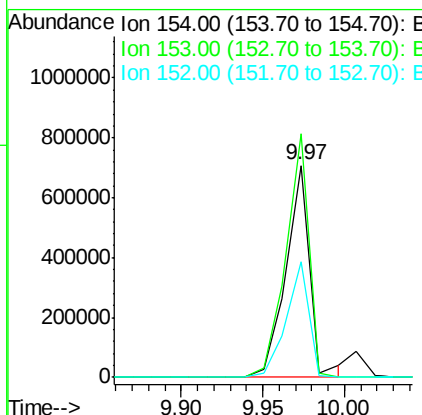
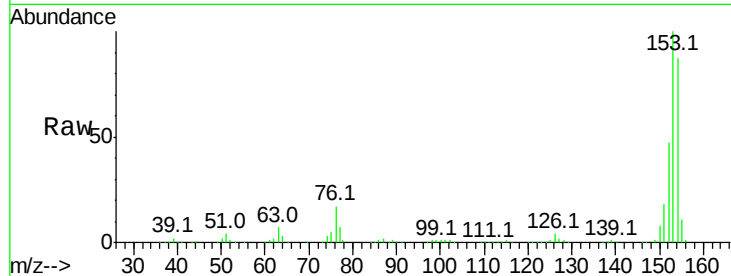
#51
Acenaphthene
Concen: 38.81 ng
RT: 9.97 min Scan# 690
Delta R.T. -0.00 min
Lab File: BF092857.D
Acq: 8 Feb 2017 17:07

Instrument :
BNA_F
ClientSampleId :
PB96810BSD

Tot Ion	Ratio	Lower	Upper
154	100		
153	114.9	88.6	133.0
152	54.5	41.6	62.4

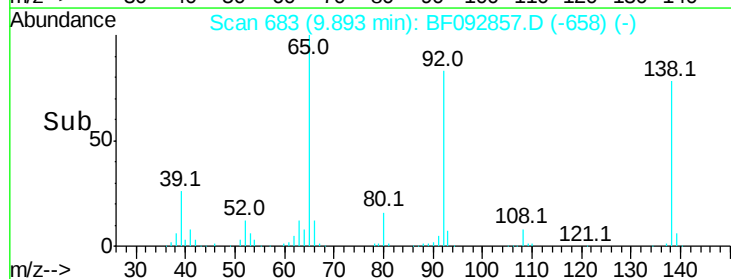
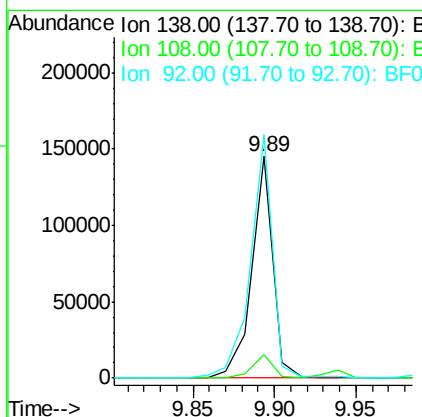
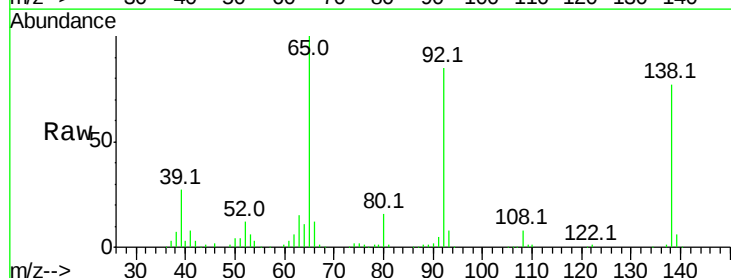
Manual Integrations
APPROVED

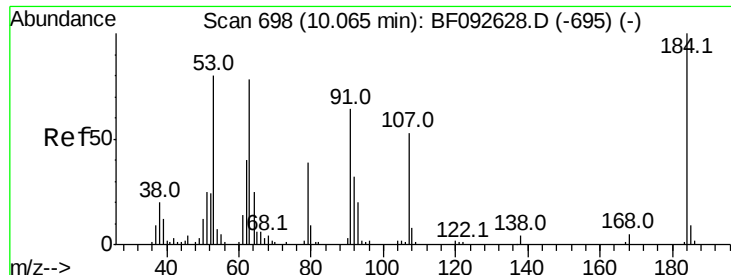
mohammad
2/9/2017 12:31:11 PM



#52
3-Nitroaniline
Concen: 24.63 ng
RT: 9.89 min Scan# 683
Delta R.T. -0.01 min
Lab File: BF092857.D
Acq: 8 Feb 2017 17:07

Tgt Ion	Ratio	Lower	Upper
138	100		
108	10.5	8.5	12.7
92	110.0	97.8	146.8





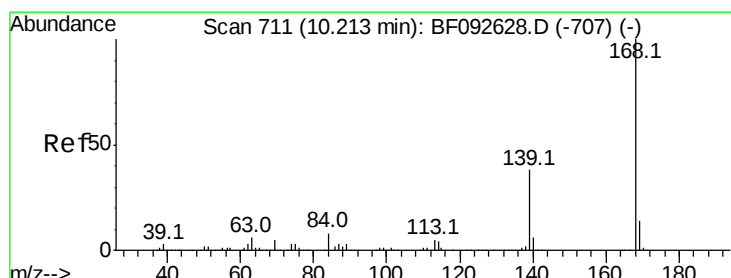
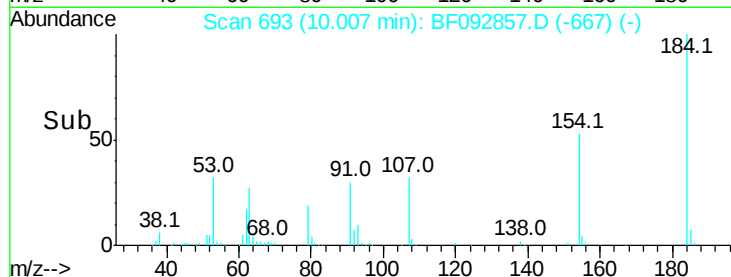
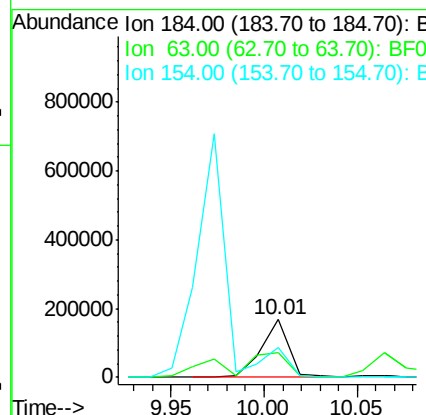
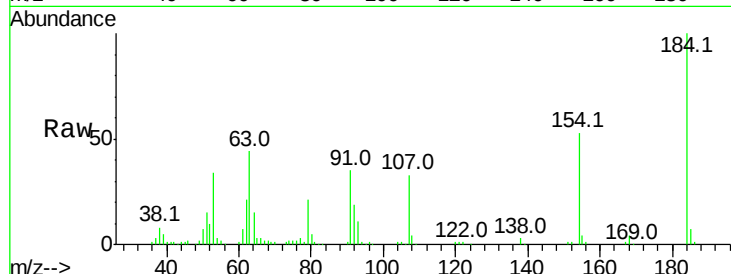
#53
 2,4-Dinitrophenol
 Concen: 73.12 ng
 RT: 10.01 min Scan# 693
 Delta R.T. -0.00 min
 Lab File: BF092857.D
 Acq: 8 Feb 2017 17:07

Instrument :
 BNA_F
 ClientSampleId :
 PB96810BSD

Tot Ion	Ratio	Resp	Lower	Upper
184	100			
63	43.5	28.4	42.6	
154	52.5	44.3	66.5	

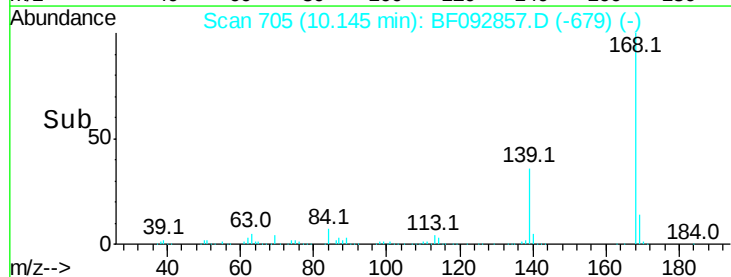
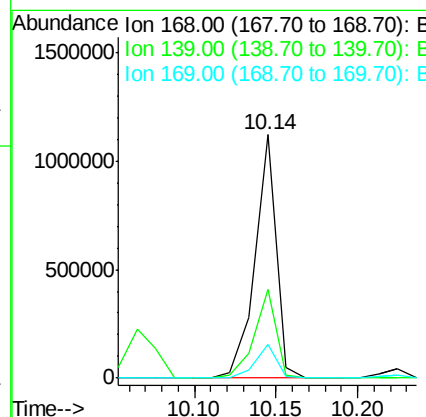
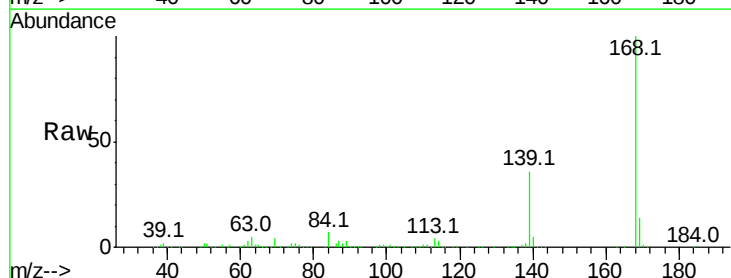
Manual Integrations
 APPROVED

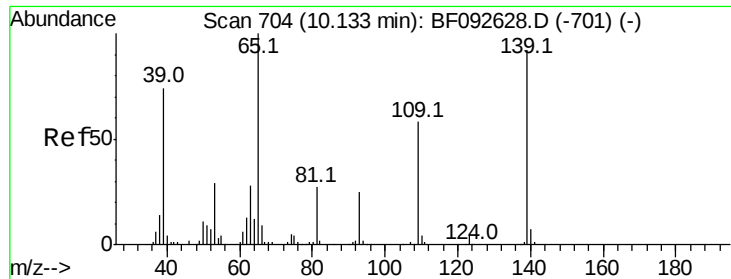
mohammad
 2/9/2017 12:31:11 PM



#54
 Dibenzofuran
 Concen: 40.81 ng
 RT: 10.14 min Scan# 705
 Delta R.T. -0.00 min
 Lab File: BF092857.D
 Acq: 8 Feb 2017 17:07

Tgt Ion	Ratio	Resp	Lower	Upper
168	100			
139	36.3	32.6	49.0	
169	13.8	11.3	16.9	





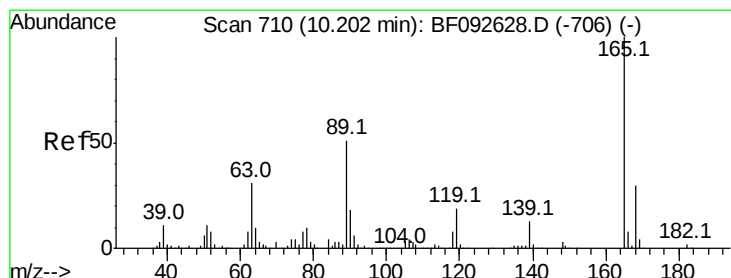
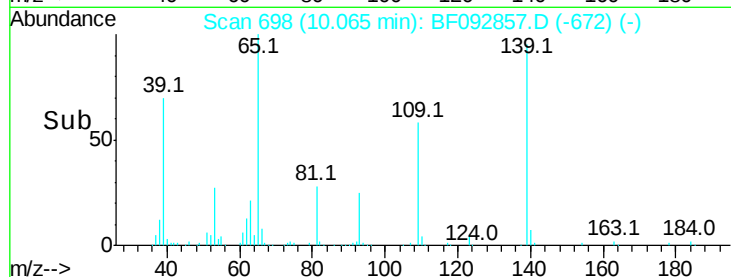
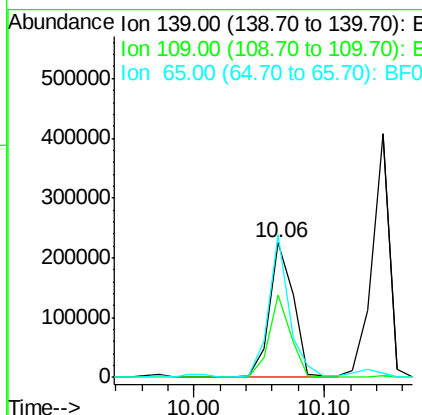
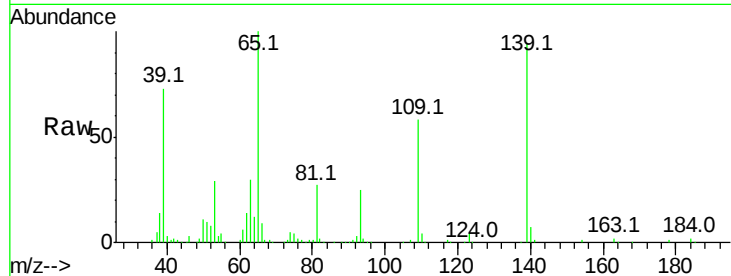
#55
4-Nitrophenol
Concen: 75.70 ng
RT: 10.06 min Scan# 698
Delta R.T. -0.00 min
Lab File: BF092857.D
Acq: 8 Feb 2017 17:07

Instrument :
BNA_F
ClientSampled :
PB96810BSD

Tot Ion	Ratio	Resp	Lower	Upper
139	100	288286		
109	61.2	52.2	92.2	
65	106.4	85.8	125.8	

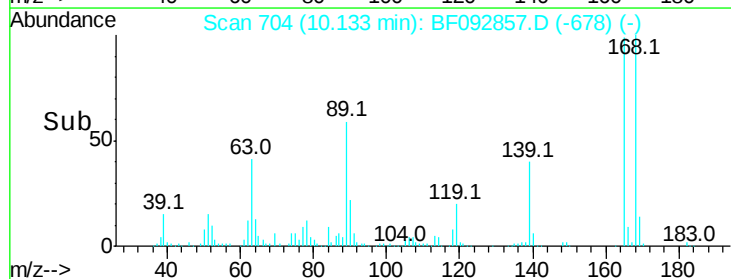
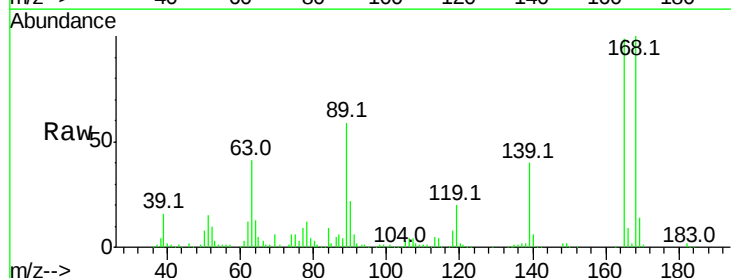
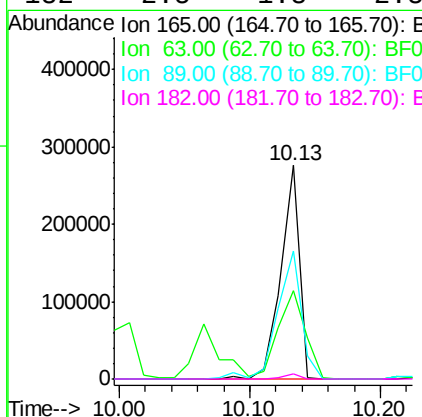
Manual Integrations
APPROVED

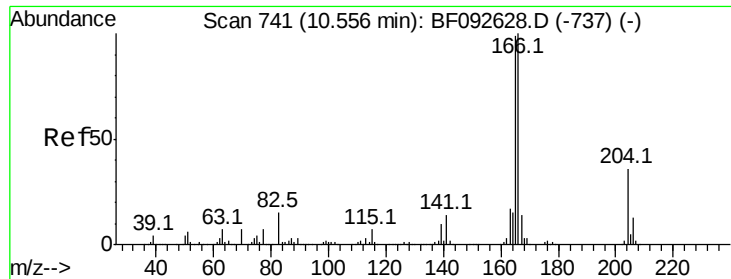
mohammad
2/9/2017 12:31:11 PM



#56
2,4-Dinitrotoluene
Concen: 45.09 ng
RT: 10.13 min Scan# 704
Delta R.T. -0.00 min
Lab File: BF092857.D
Acq: 8 Feb 2017 17:07

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	277314		
63	41.4	40.2	60.4	
89	60.0	62.5	93.7#	
182	2.5	1.8	2.8	





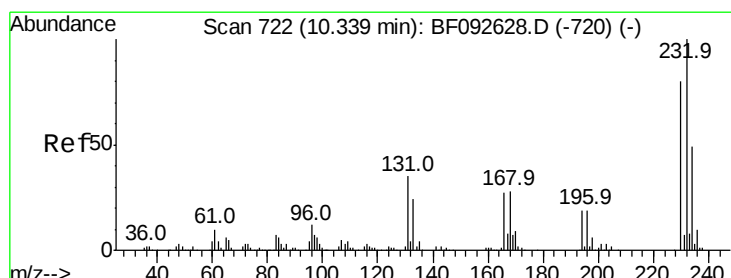
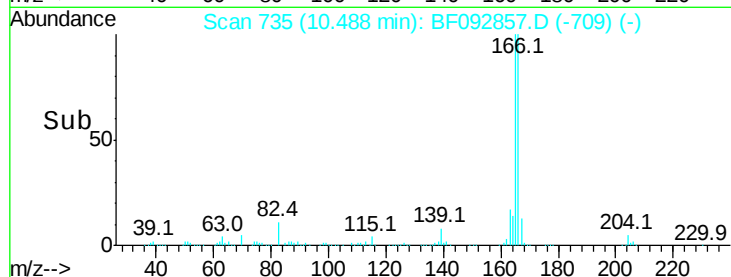
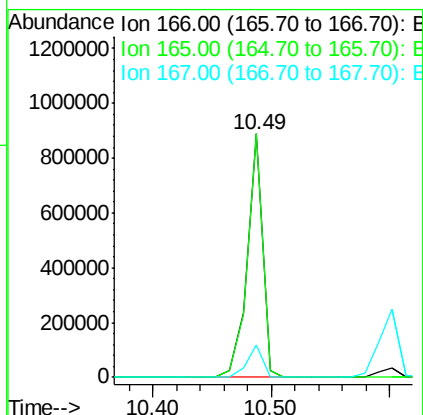
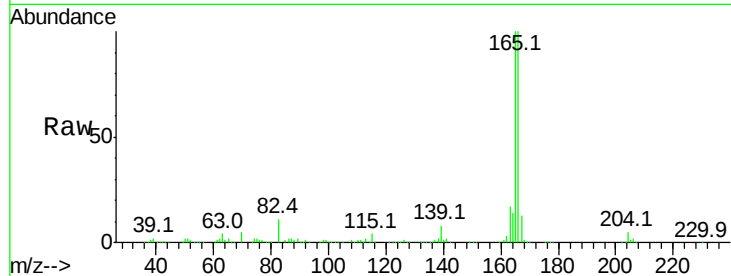
#57
Fluorene
 Concen: 42.29 ng
 RT: 10.49 min Scan# 735
 Delta R.T. -0.00 min
 Lab File: BF092857.D
 Acq: 8 Feb 2017 17:07

Instrument :
 BNA_F
 ClientSampleId :
 PB96810BSD

Tot Ion	Ratio	Resp	Lower	Upper
166	100	808677		
165	100.1	77.8	116.8	
167	13.4	10.8	16.2	

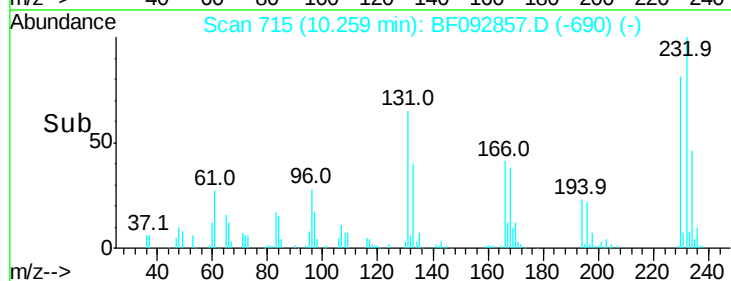
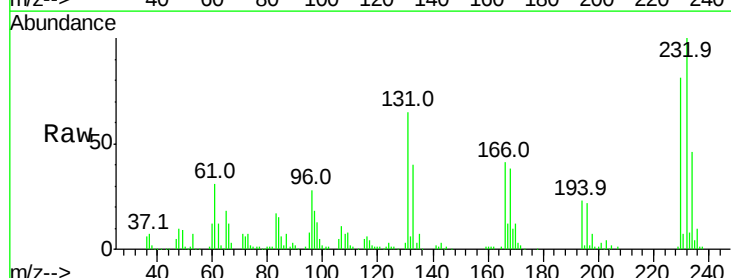
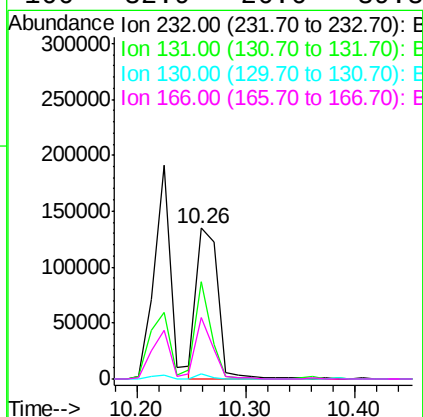
Manual Integrations
 APPROVED

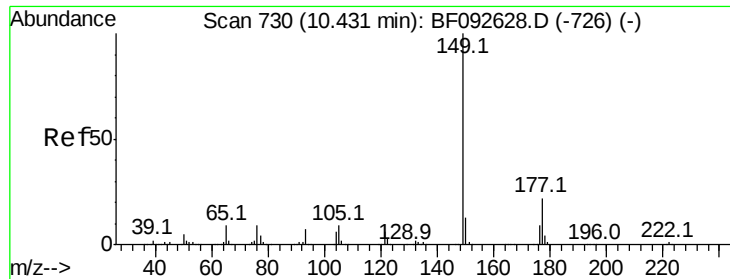
mohammad
 2/9/2017 12:31:11 PM



#58
2,3,4,6-Tetrachlorophenol
 Concen: 43.22 ng
 RT: 10.26 min Scan# 715
 Delta R.T. -0.01 min
 Lab File: BF092857.D
 Acq: 8 Feb 2017 17:07

Tgt Ion	Ratio	Resp	Lower	Upper
232	100	185069		
231	48.6	40.1	60.1	
130	2.4	1.8	2.8	
166	32.9	26.6	39.8	





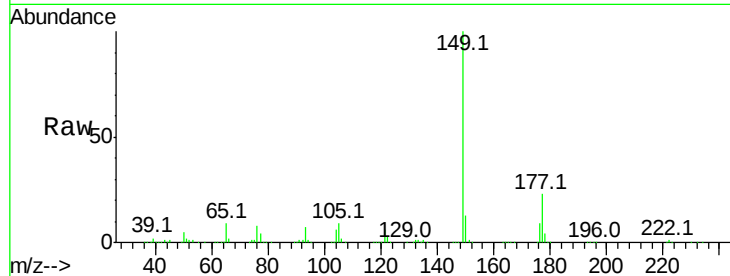
#59
Diethylphthalate
Concen: 43.31 ng
RT: 10.36 min Scan# 724
Delta R.T. -0.00 min
Lab File: BF092857.D
Acq: 8 Feb 2017 17:07

Instrument :
BNA_F
ClientSampleId :
PB96810BSD

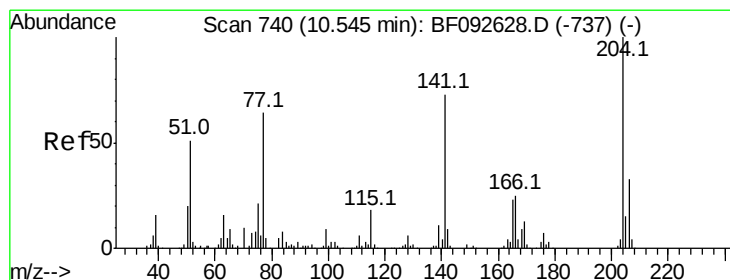
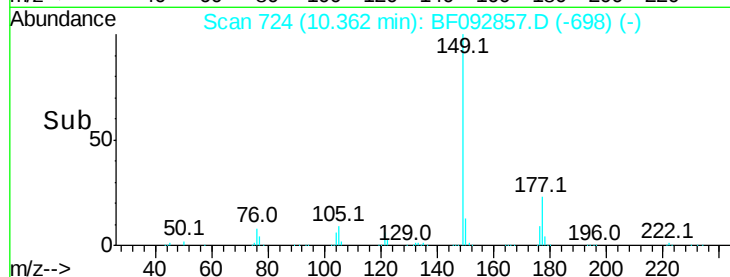
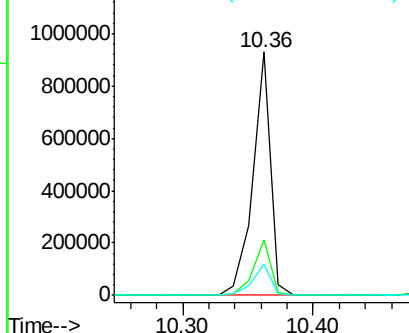
Tot Ion	Ratio	Lower	Upper
149	100		
177	22.7	16.6	25.0
150	12.7	10.4	15.6

Manual Integrations
APPROVED

mohammad
2/9/2017 12:31:11 PM

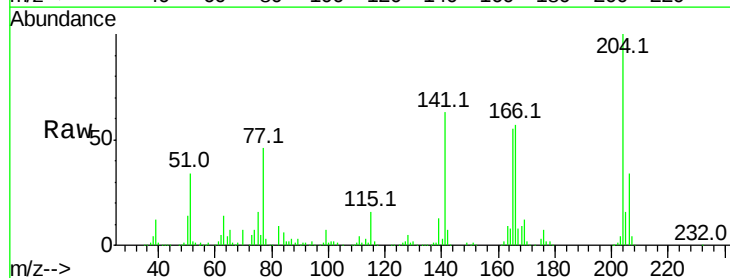


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

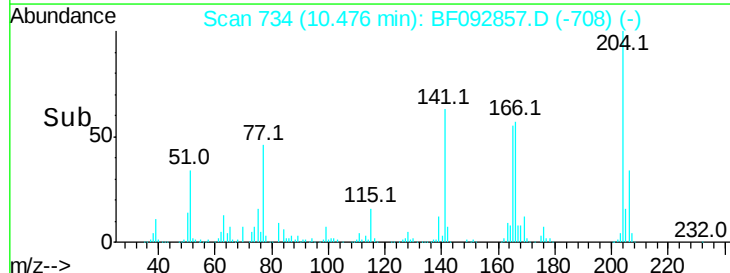
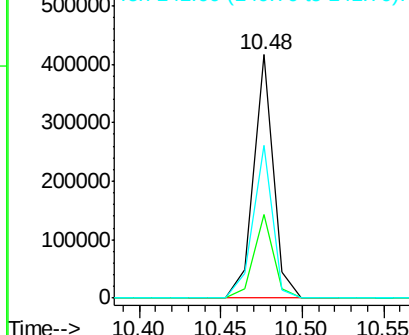


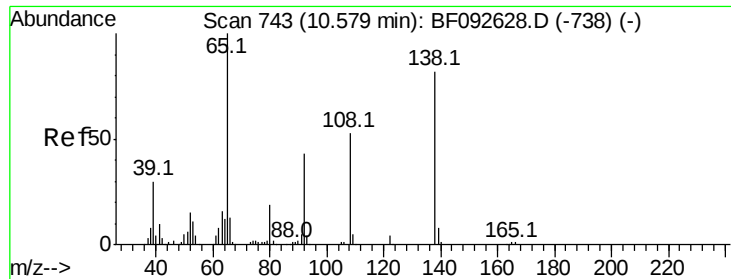
#60
4-Chlorophenyl-phenylether
Concen: 38.15 ng
RT: 10.48 min Scan# 734
Delta R.T. -0.00 min
Lab File: BF092857.D
Acq: 8 Feb 2017 17:07

Tgt Ion	Ratio	Lower	Upper
204	100		
206	34.5	25.8	38.6
141	62.9	59.4	89.0



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





#61

4-Nitroaniline

Concen: 38.33 ng

RT: 10.51 min Scan# 737

Delta R.T. -0.00 min

Lab File: BF092857.D

Acq: 8 Feb 2017 17:07

Instrument :

BNA_F

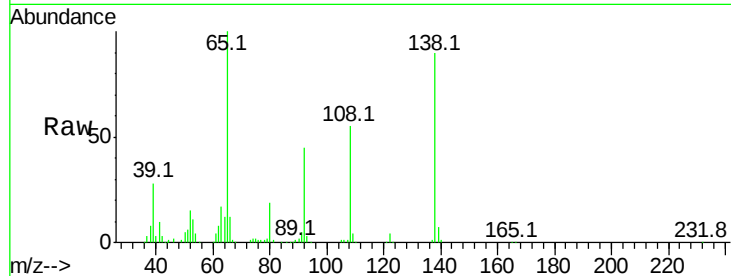
ClientSampleId :

PB96810BSD

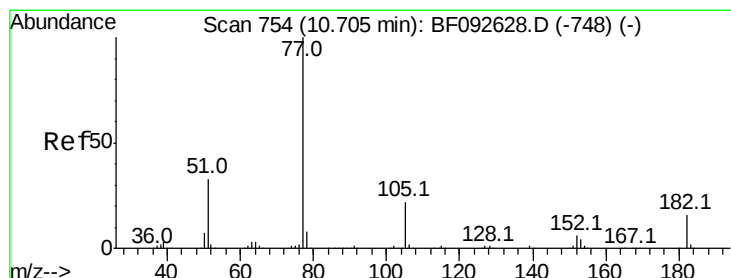
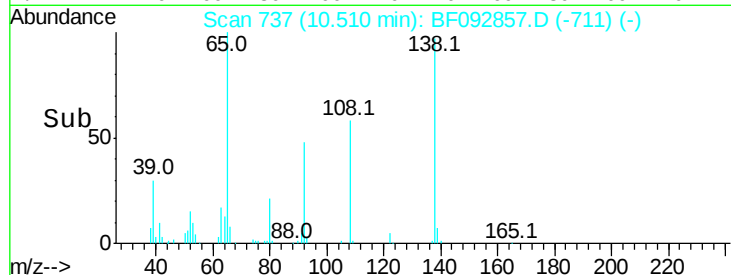
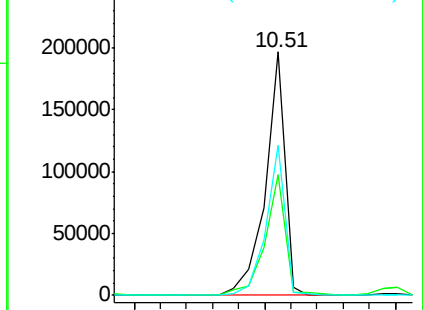
Tot Ion:	138	Resp:	207596
Ion Ratio	Lower	Upper	
138	100		
92	49.8	31.7	71.7
108	61.7	52.6	92.6

Manual Integrations
APPROVED

mohammad
2/9/2017 12:31:11 PM



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



#62

Azobenzene

Concen: 42.59 ng

RT: 10.64 min Scan# 748

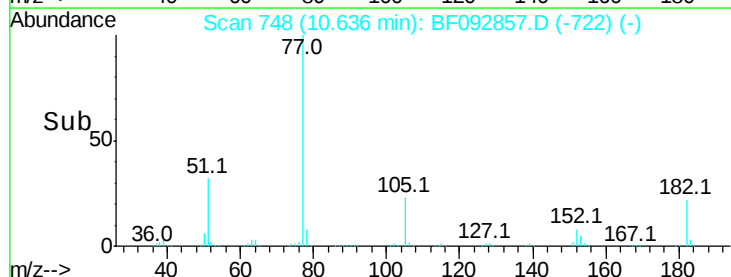
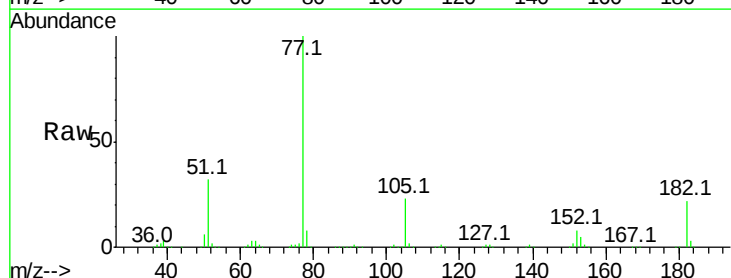
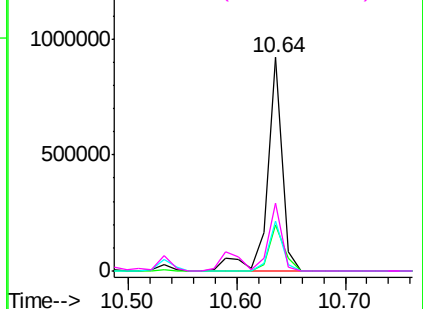
Delta R.T. -0.00 min

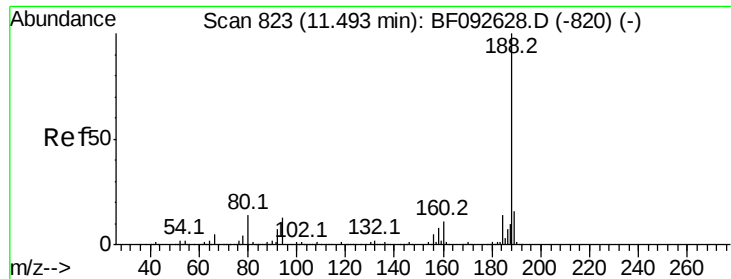
Lab File: BF092857.D

Acq: 8 Feb 2017 17:07

Tgt Ion:	77	Resp:	887014
Ion Ratio	Lower	Upper	
77	100		
182	21.7	0.0	39.3
105	23.5	2.3	42.3
51	31.7	8.9	48.9

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





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.42 min Scan# 817

Delta R.T. -0.00 min

Lab File: BF092857.D

Acq: 8 Feb 2017 17:07

Instrument :

BNA_F

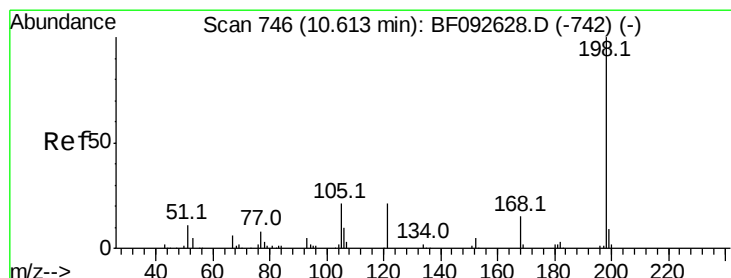
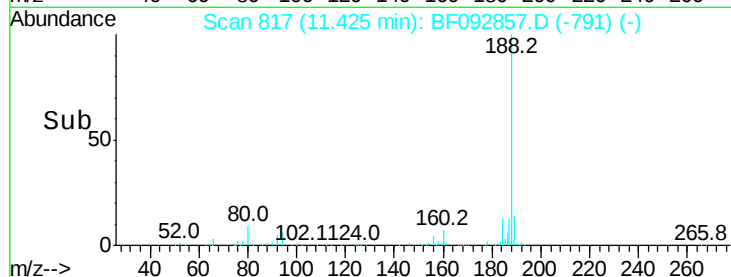
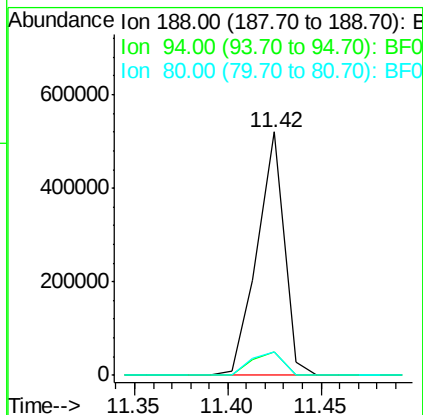
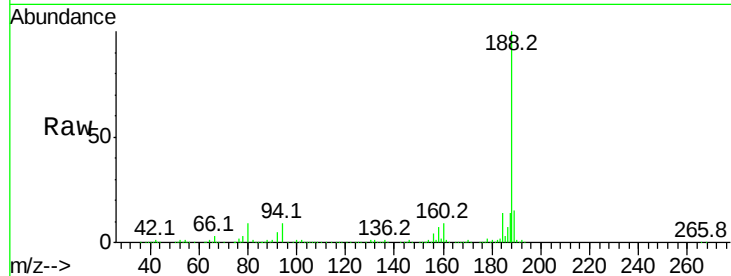
ClientSampleId :

PB96810BSD

Tot Ion:188	Resp: 521883
Ion Ratio	Lower Upper
188 100	
94 9.5	10.0 15.0#
80 9.4	11.2 16.8#

Manual Integrations
APPROVED

mohammad
2/9/2017 12:31:11 PM



#64

4,6-Dinitro-2-methylphenol

Concen: 37.43 ng

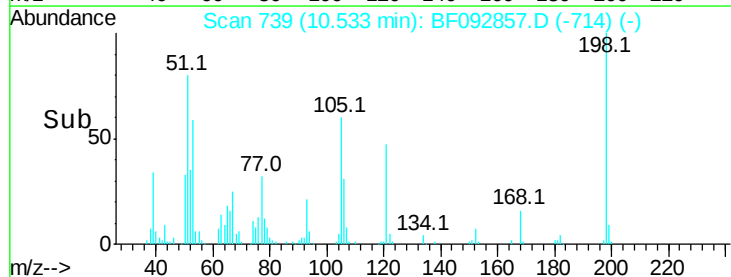
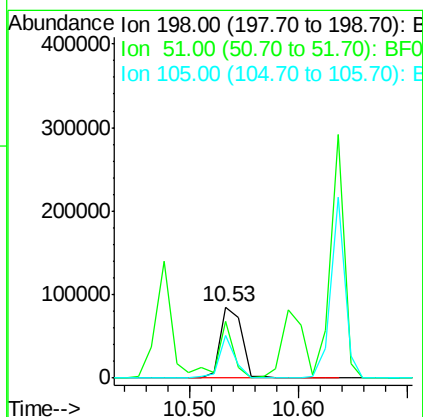
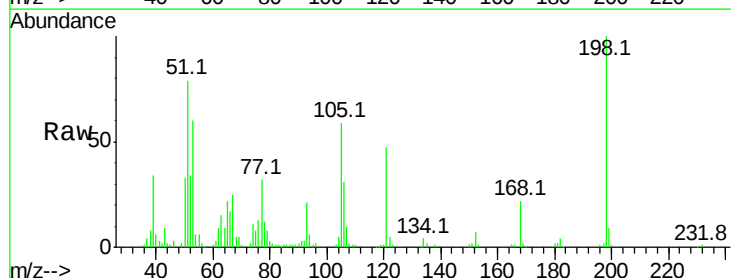
RT: 10.53 min Scan# 739

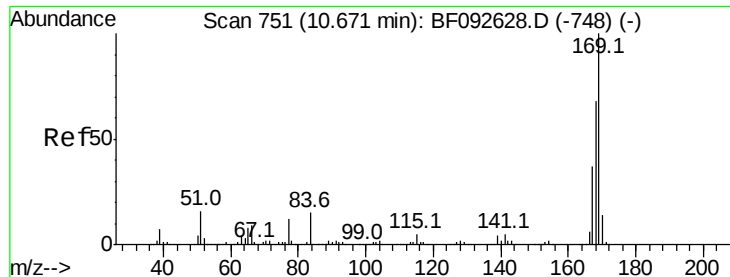
Delta R.T. -0.01 min

Lab File: BF092857.D

Acq: 8 Feb 2017 17:07

Tgt Ion:198	Resp: 116909
Ion Ratio	Lower Upper
198 100	
51 79.1	6.7 46.7#
105 59.1	16.6 56.6#





#65

n-Nitrosodiphenylamine

Concen: 43.80 ng

RT: 10.60 min Scan# 745

Delta R.T. -0.00 min

Lab File: BF092857.D

Acq: 8 Feb 2017 17:07

Instrument :

BNA_F

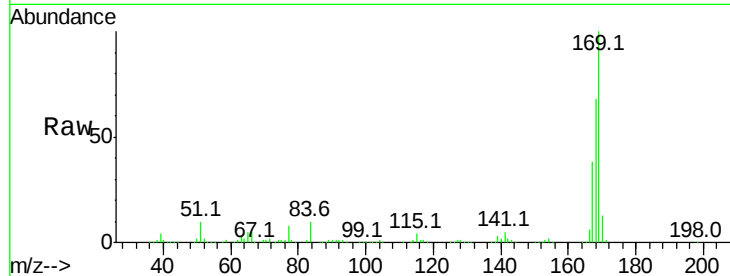
ClientSampleId :

PB96810BSD

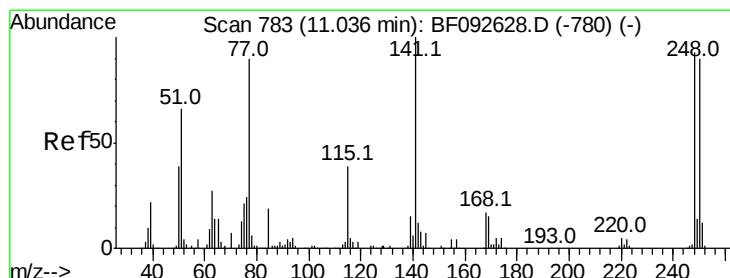
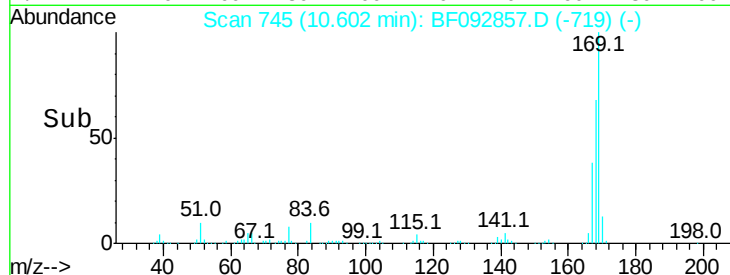
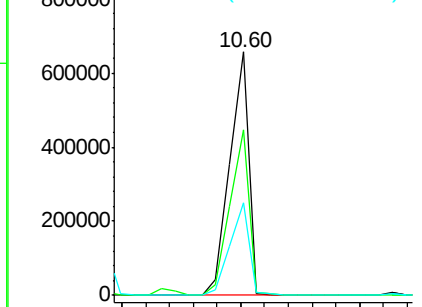
Tot Ion:	169	Resp:	730251
Ion Ratio	Lower	Upper	
169	100		
168	67.8	54.2	81.2
167	37.8	30.2	45.4

Manual Integrations
APPROVED

mohammad
2/9/2017 12:31:11 PM



Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 40.90 ng

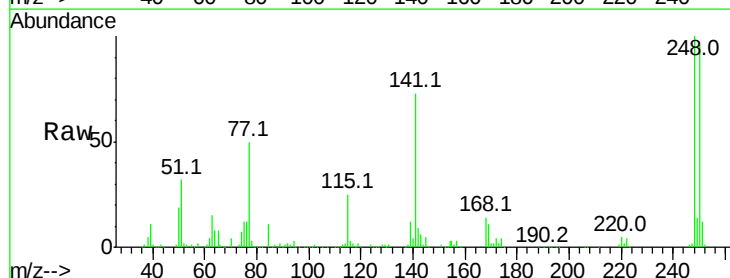
RT: 10.97 min Scan# 777

Delta R.T. -0.00 min

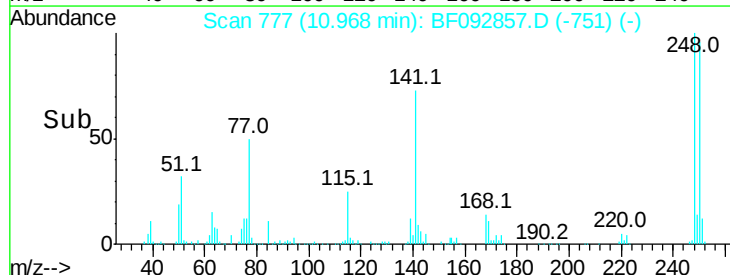
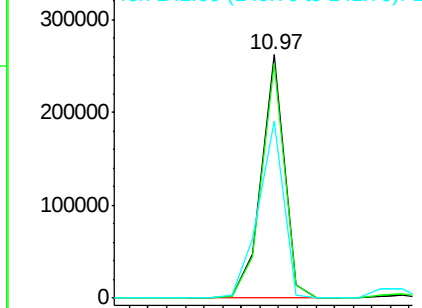
Lab File: BF092857.D

Acq: 8 Feb 2017 17:07

Tgt Ion:	248	Resp:	223025
Ion Ratio	Lower	Upper	
248	100		
250	96.5	76.9	115.3
141	72.6	68.2	102.4



Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 42.06 ng

RT: 11.04 min Scan# 783

Delta R.T. -0.00 min

Lab File: BF092857.D

Acq: 8 Feb 2017 17:07

Instrument :

BNA_F

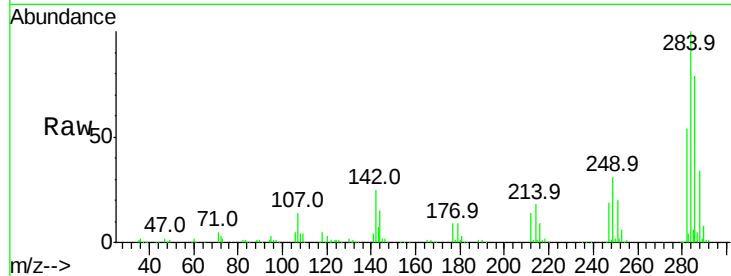
ClientSampleId :

PB96810BSD

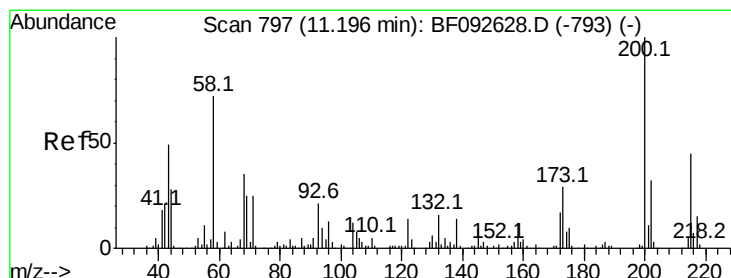
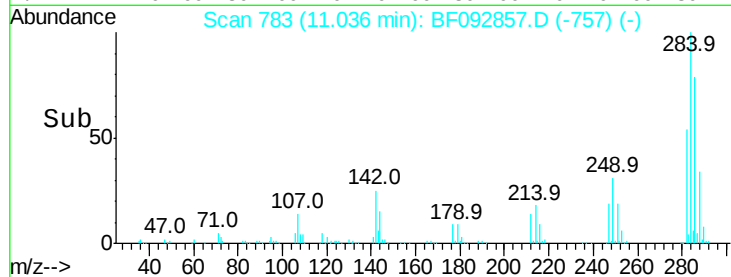
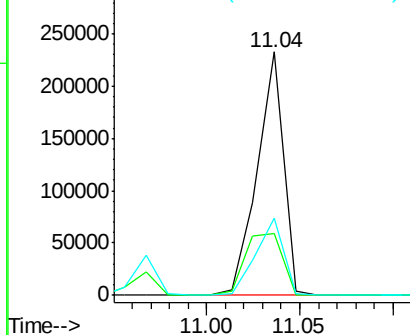
Tot Ion:	284	Resp:	226631
Ion Ratio	Lower	Upper	
284	100		
142	25.2	22.6	33.8
249	31.5	25.4	38.0

Manual Integrations
APPROVED

mohammad
2/9/2017 12:31:11 PM



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



#68

Atrazine

Concen: 43.70 ng

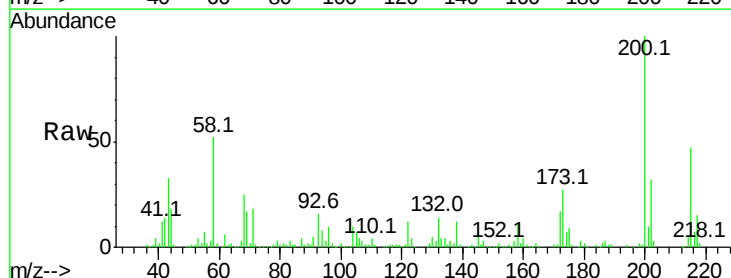
RT: 11.13 min Scan# 791

Delta R.T. -0.00 min

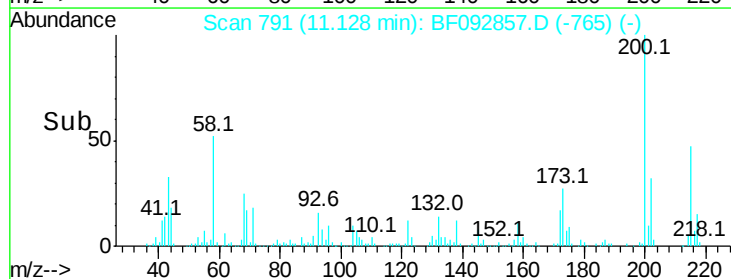
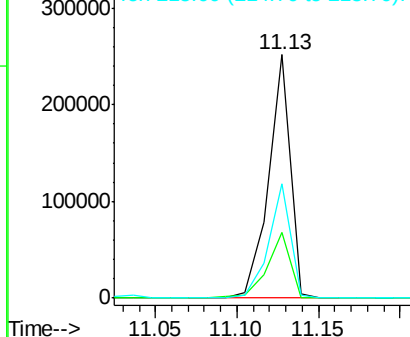
Lab File: BF092857.D

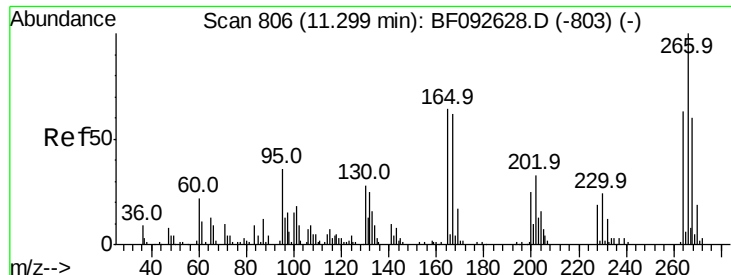
Acq: 8 Feb 2017 17:07

Tgt Ion:	200	Resp:	233827
Ion Ratio	Lower	Upper	
200	100		
173	27.2	9.6	49.6
215	46.8	25.7	65.7



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





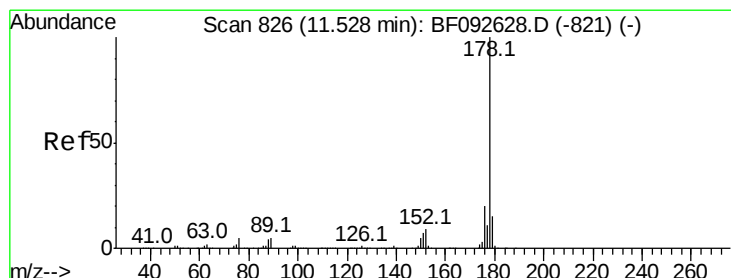
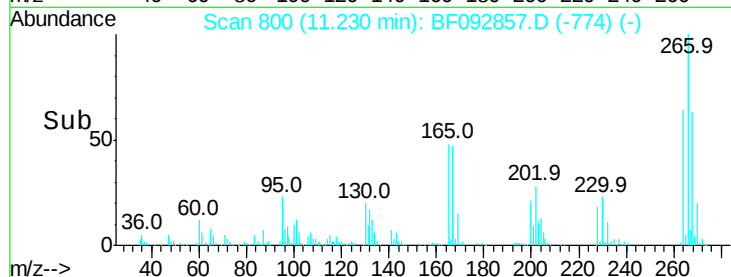
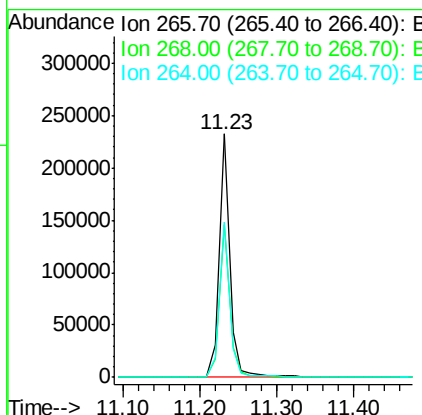
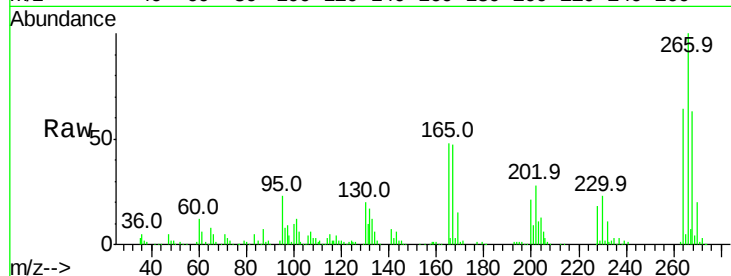
#69
 Pentachlorophenol
 Concen: 81.34 ng
 RT: 11.23 min Scan# 800
 Delta R.T. -0.00 min
 Lab File: BF092857.D
 Acq: 8 Feb 2017 17:07

Instrument :
 BNA_F
 ClientSampleId :
 PB96810BSD

Tot Ion	Ratio	Resp	Lower	Upper
266	100	226620		
268	62.8	53.3	79.9	
264	63.9	50.3	75.5	

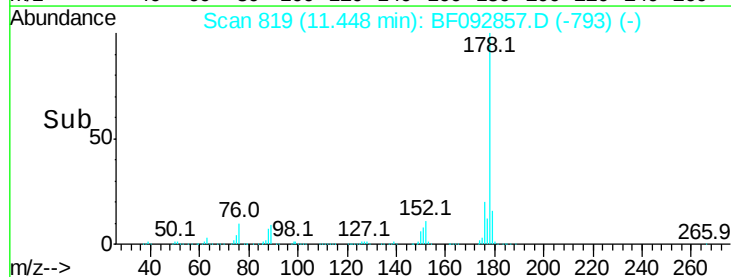
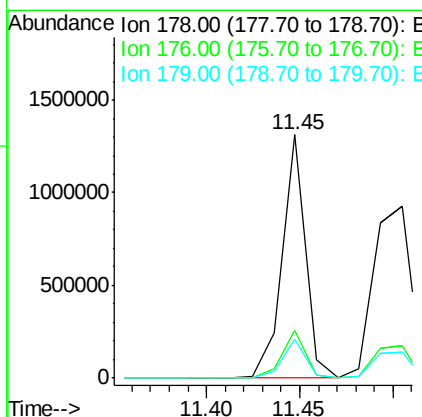
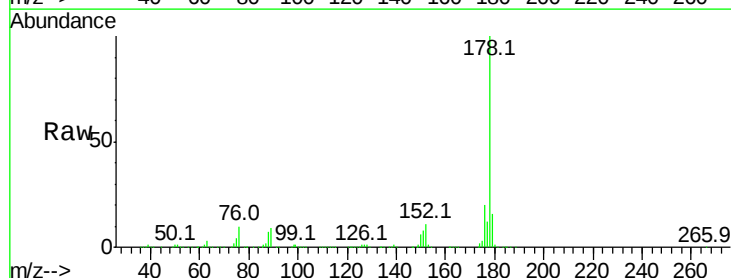
Manual Integrations
 APPROVED

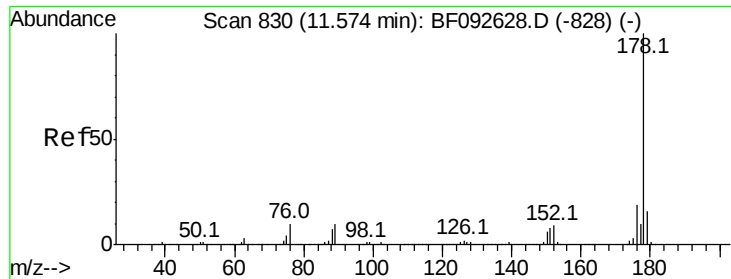
mohammad
 2/9/2017 12:31:11 PM



#70
 Phenanthrene
 Concen: 38.41 ng
 RT: 11.45 min Scan# 819
 Delta R.T. -0.00 min
 Lab File: BF092857.D
 Acq: 8 Feb 2017 17:07

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	1148515		
176	19.8	16.6	25.0	
179	15.8	12.8	19.2	





#71
 Anthracene
 Concen: 41.65 ng
 RT: 11.50 min Scan# 824
 Delta R.T. -0.00 min
 Lab File: BF092857.D
 Acq: 8 Feb 2017 17:07

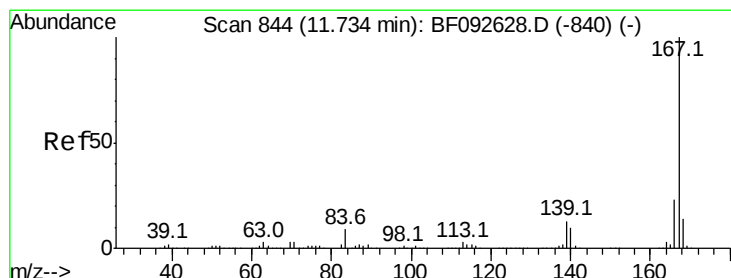
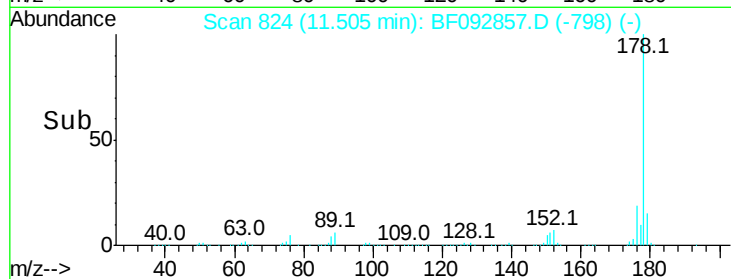
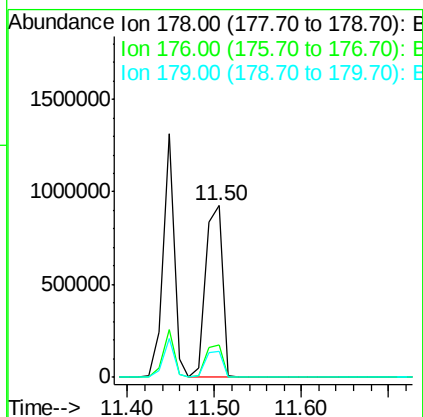
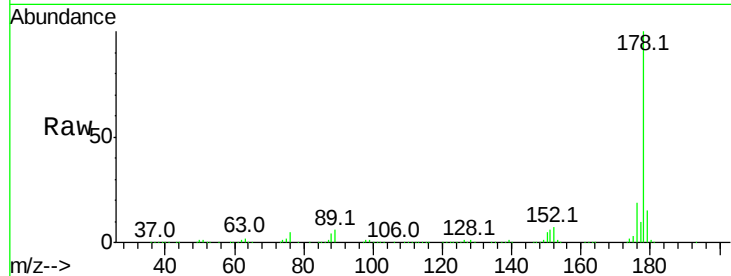
Instrument :
 BNA_F
 ClientSampleId :
 PB96810BSD

Tot Ion:178 Resp: 1250615

Ion	Ratio	Lower	Upper
178	100		
176	18.8	15.9	23.9
179	15.2	13.2	19.8

Manual Integrations
 APPROVED

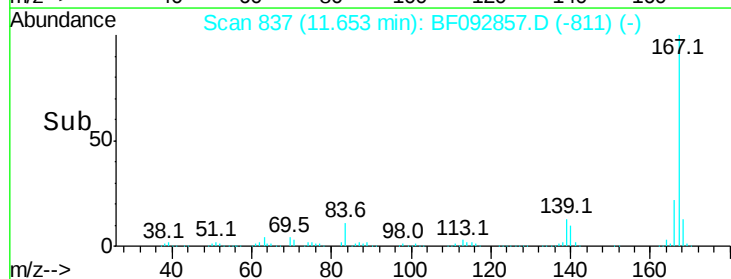
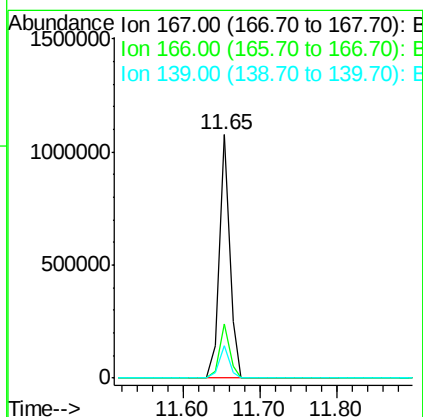
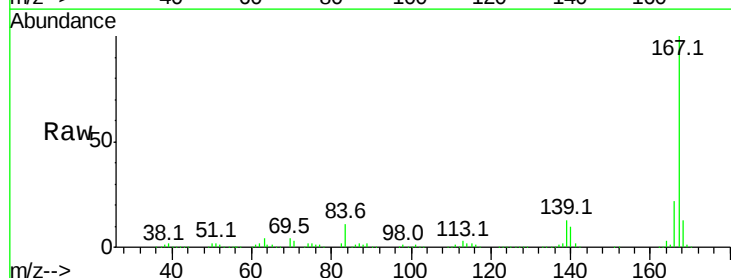
mohammad
 2/9/2017 12:31:11 PM

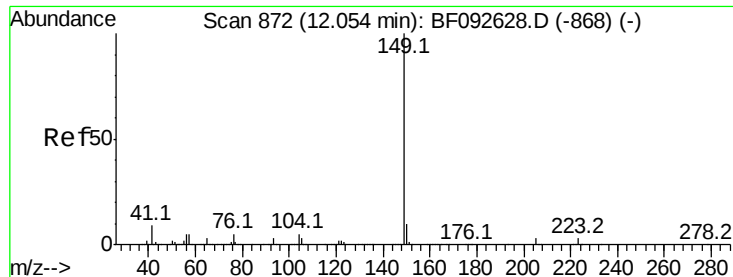


#72
 Carbazole
 Concen: 35.60 ng
 RT: 11.65 min Scan# 837
 Delta R.T. -0.00 min
 Lab File: BF092857.D
 Acq: 8 Feb 2017 17:07

Tgt Ion:167 Resp: 1021936

Ion	Ratio	Lower	Upper
167	100		
166	22.3	18.2	27.2
139	13.3	11.4	17.2





#73

Di-n-butylphthalate

Concen: 45.39 ng

RT: 11.98 min Scan# 866

Delta R.T. -0.00 min

Lab File: BF092857.D

Acq: 8 Feb 2017 17:07

Instrument :

BNA_F

ClientSampleId :

PB96810BSD

Tot Ion:149 Resp: 1408865

Ion Ratio Lower Upper

149 100

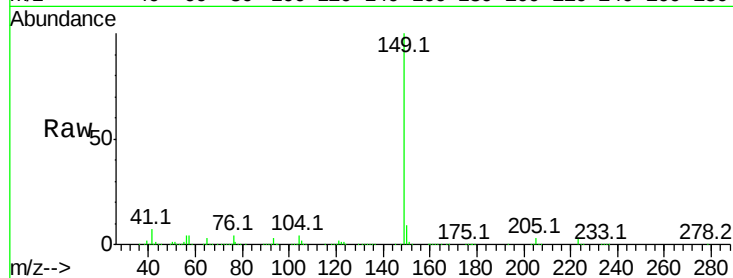
150 9.2 8.1 12.1

104 4.1 4.6 7.0#

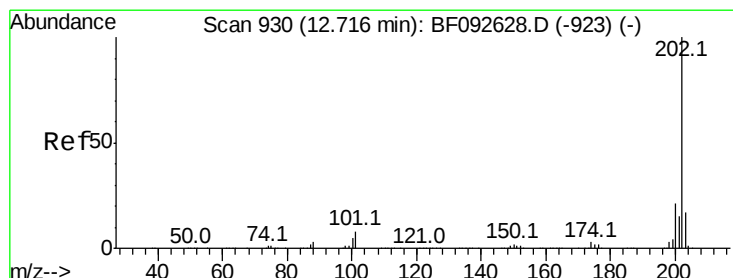
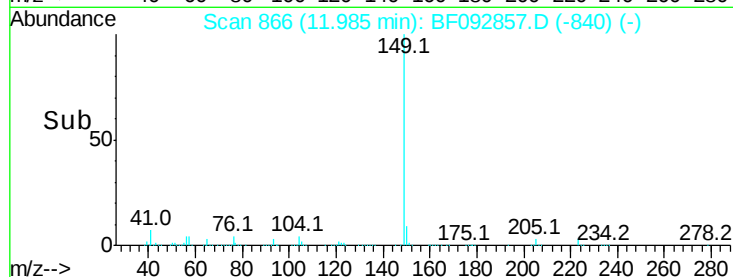
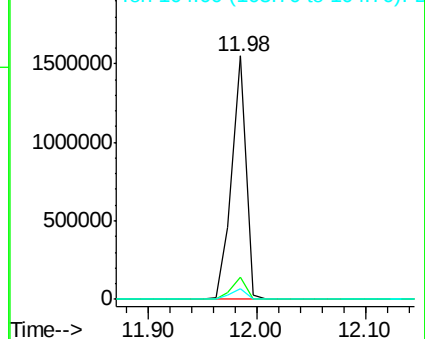
Manual Integrations
APPROVED

mohammad

2/9/2017 12:31:11 PM



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 40.84 ng

RT: 12.64 min Scan# 923

Delta R.T. -0.00 min

Lab File: BF092857.D

Acq: 8 Feb 2017 17:07

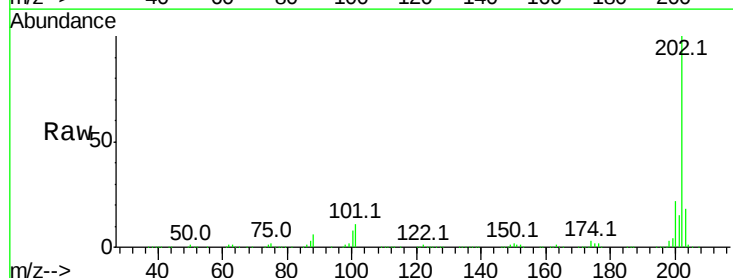
Tgt Ion:202 Resp: 1259573

Ion Ratio Lower Upper

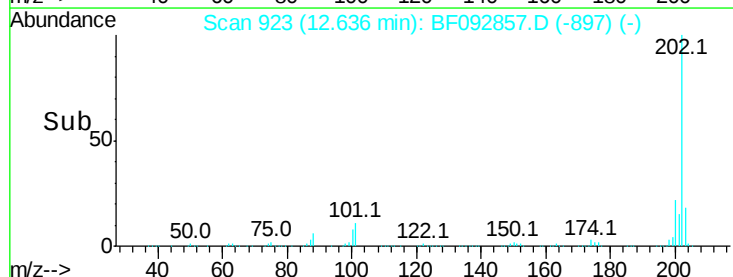
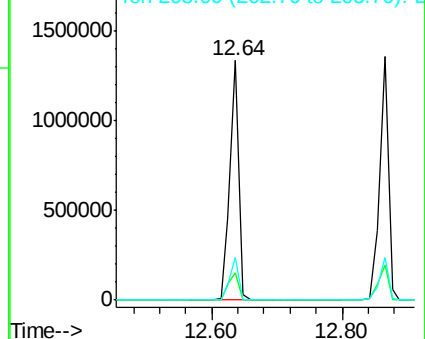
202 100

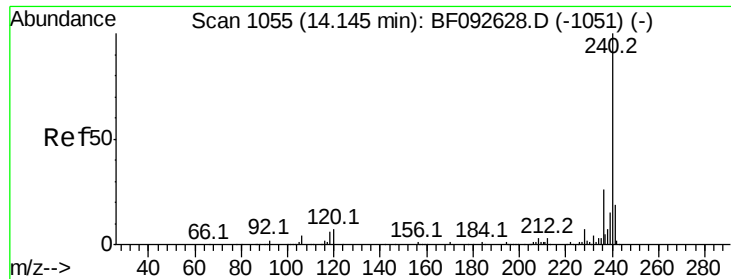
101 11.4 0.0 34.6

203 17.7 0.0 38.7



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.07 min Scan# 1048

Delta R.T. -0.00 min

Lab File: BF092857.D

Acq: 8 Feb 2017 17:07

Instrument :

BNA_F

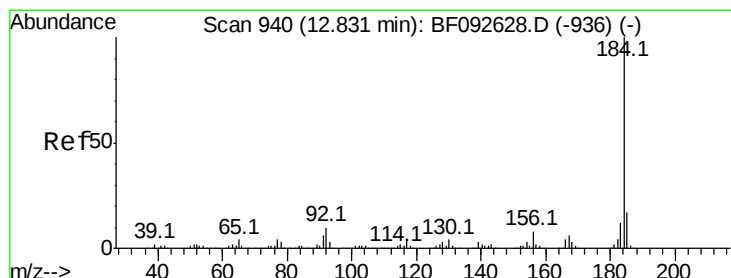
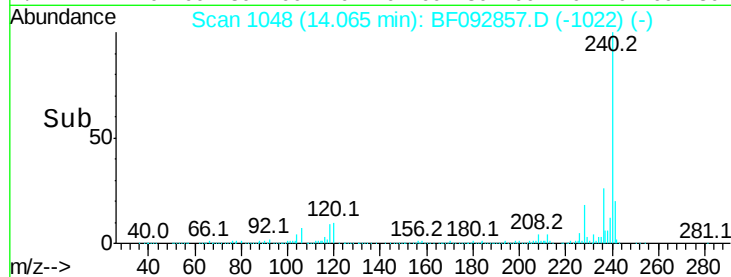
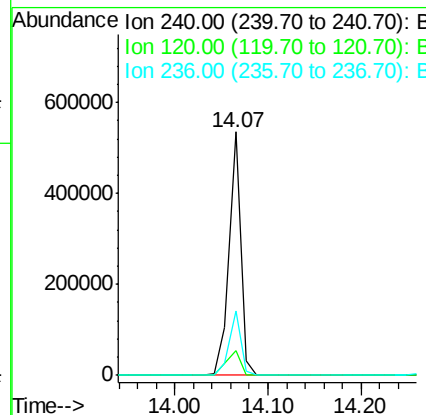
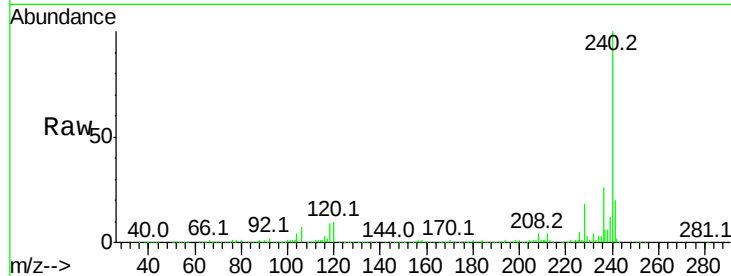
ClientSampleId :

PB96810BSD

Tot Ion	Ratio	Lower	Upper
240	100		
120	10.4	12.9	19.3#
236	26.3	20.9	31.3

Manual Integrations
APPROVED

mohammad
2/9/2017 12:31:11 PM



#76

Benzidine

Concen: 20.88 ng

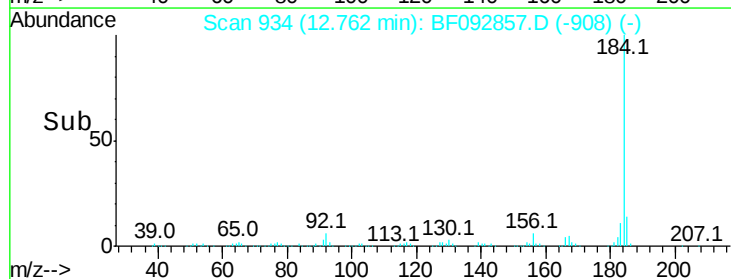
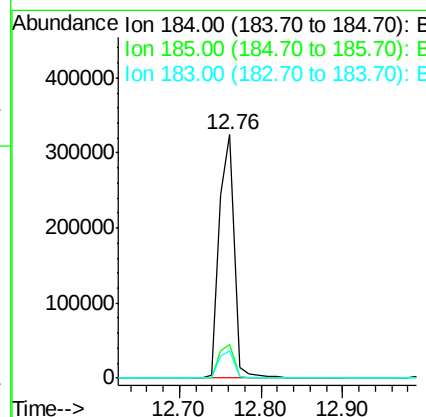
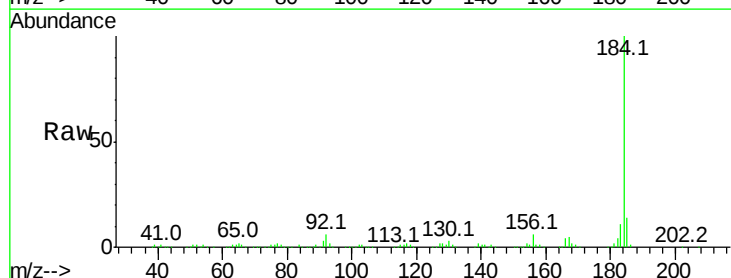
RT: 12.76 min Scan# 934

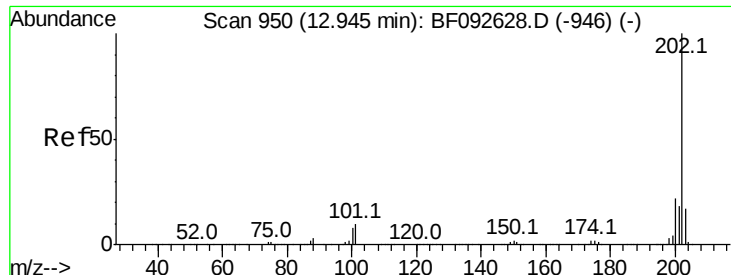
Delta R.T. -0.00 min

Lab File: BF092857.D

Acq: 8 Feb 2017 17:07

Tgt Ion	Ratio	Lower	Upper
184	100		
185	14.0	13.4	20.0
183	11.3	9.2	13.8





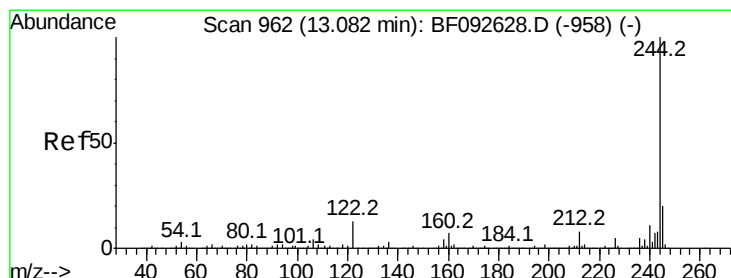
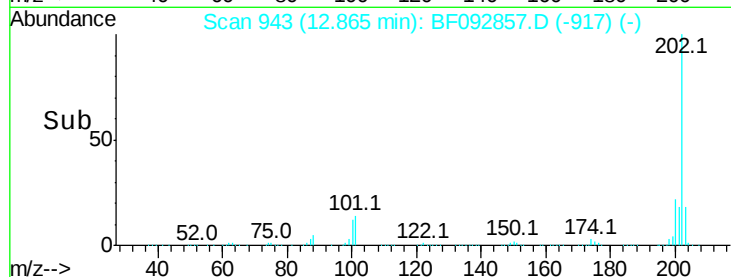
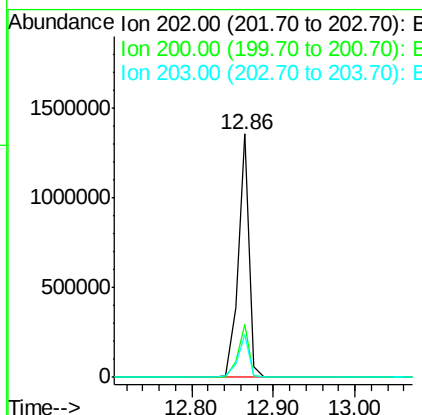
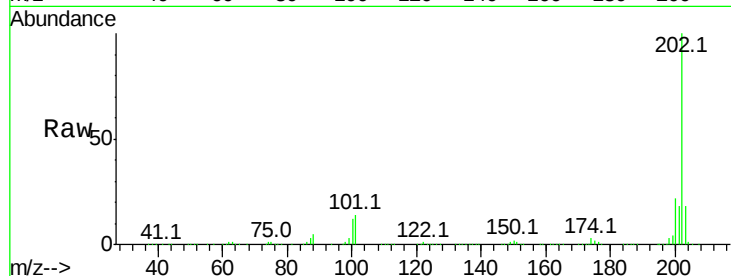
#77
Pvrene
Concen: 35.77 ng
RT: 12.86 min Scan# 943
Delta R.T. -0.00 min
Lab File: BF092857.D
Acq: 8 Feb 2017 17:07

Instrument :
BNA_F
ClientSampleId :
PB96810BSD

Tot Ion	Ratio	Lower	Upper
202	100		
200	21.8	17.7	26.5
203	17.5	14.7	22.1

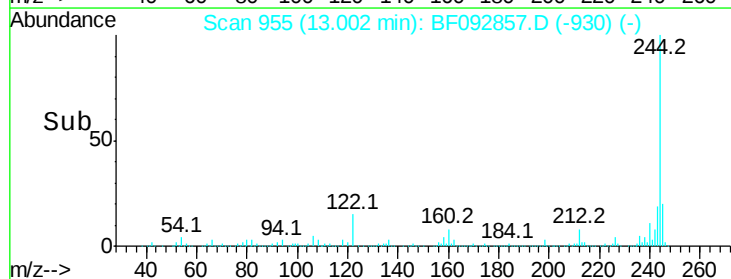
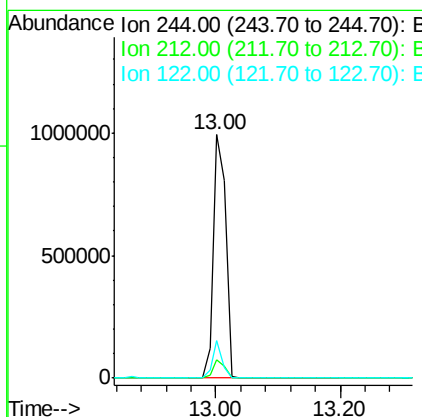
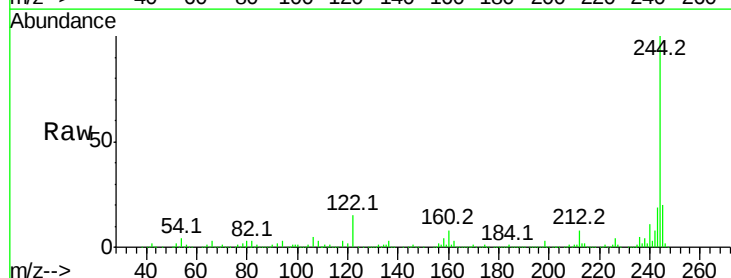
Manual Integrations
APPROVED

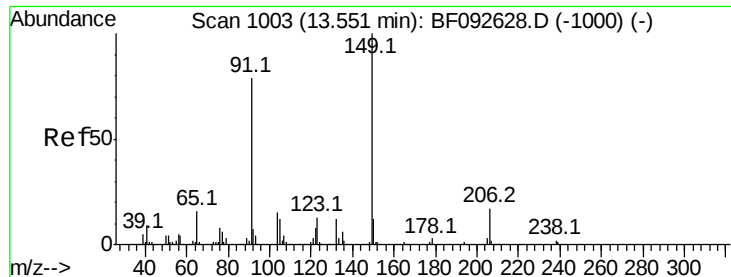
mohammad
2/9/2017 12:31:11 PM



#78
Terphenyl-d14
Concen: 66.98 ng
RT: 13.00 min Scan# 955
Delta R.T. -0.01 min
Lab File: BF092857.D
Acq: 8 Feb 2017 17:07

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.6	6.2	9.2
122	15.2	11.4	17.2





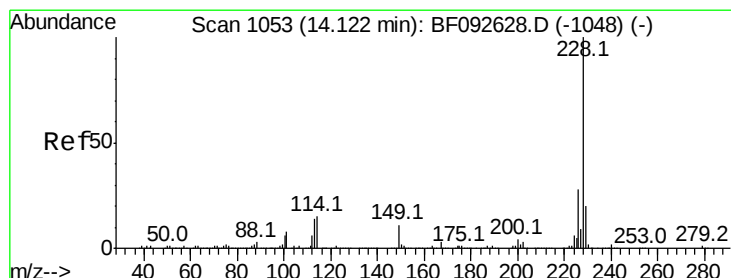
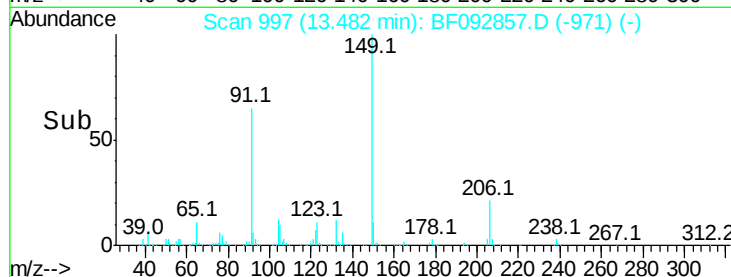
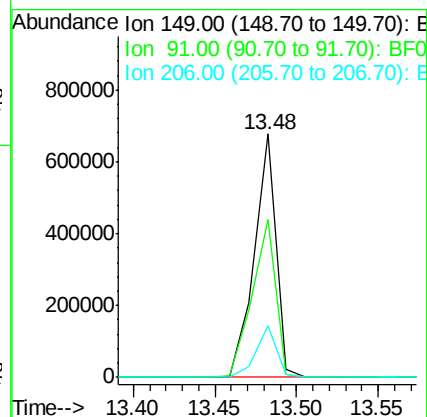
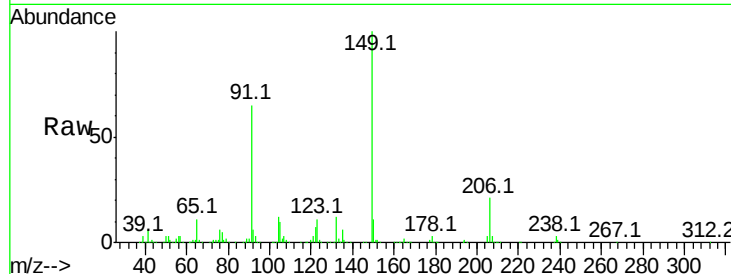
#79
Butylbenzylphthalate
Concen: 44.01 ng
RT: 13.48 min Scan# 997
Delta R.T. -0.00 min
Lab File: BF092857.D
Acq: 8 Feb 2017 17:07

Instrument :
BNA_F
ClientSampleId :
PB96810BSD

Tot Ion	Ratio	Resp	Lower	Upper
149	100	624150		
91	64.7		63.9	95.9
206	21.0		14.6	21.8

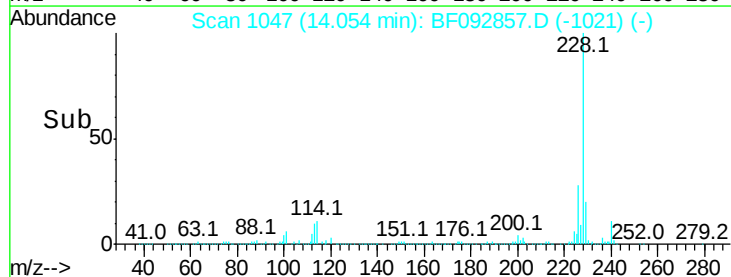
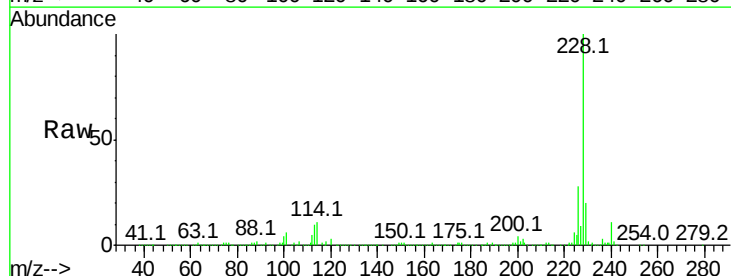
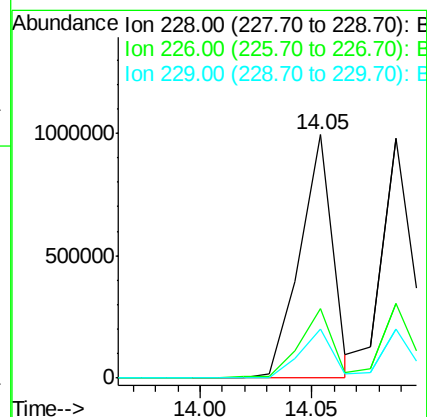
Manual Integrations
APPROVED

mohammad
2/9/2017 12:31:11 PM



#80
Benzo(a)anthracene
Concen: 36.15 ng m
RT: 14.05 min Scan# 1047
Delta R.T. -0.00 min
Lab File: BF092857.D
Acq: 8 Feb 2017 17:07

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	1031825		
226	28.4		22.4	33.6
229	19.9		16.2	24.4





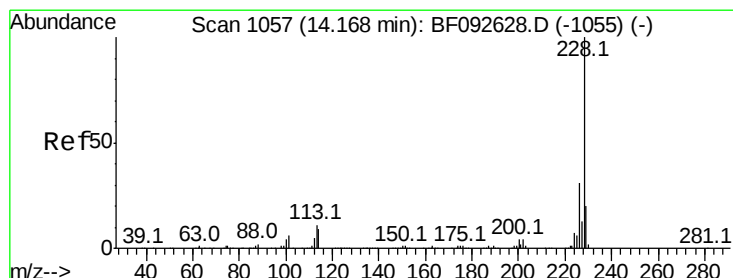
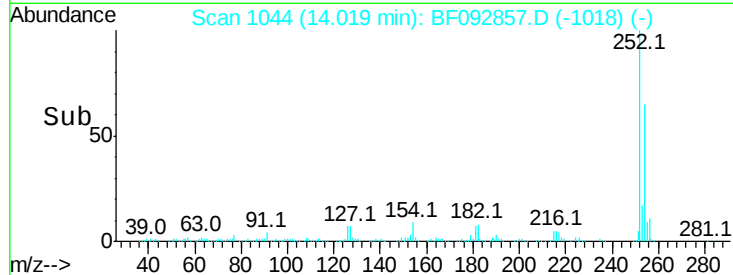
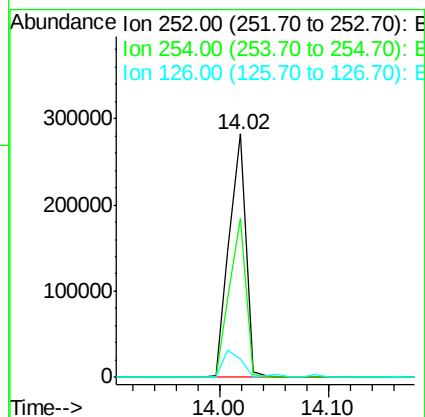
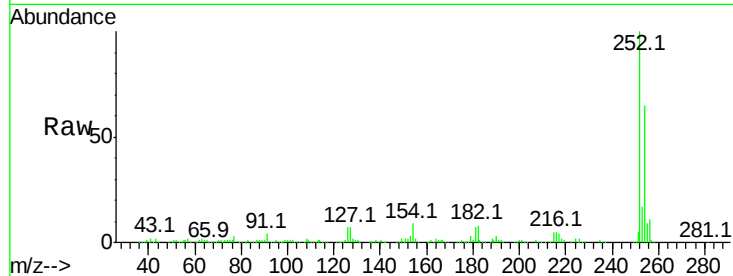
#81
 3,3'-Dichlorobenzidine
 Concen: 29.65 ng
 RT: 14.02 min Scan# 1044
 Delta R.T. -0.00 min
 Lab File: BF092857.D
 Acq: 8 Feb 2017 17:07

Instrument :
 BNA_F
 ClientSampleId :
 PB96810BSD

Tot Ion	Ratio	Resp	Lower	Upper
252	100	301666		
254	65.2	52.3	78.5	
126	7.5	13.6	20.4	

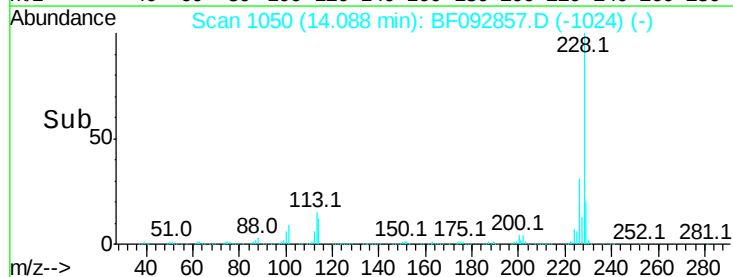
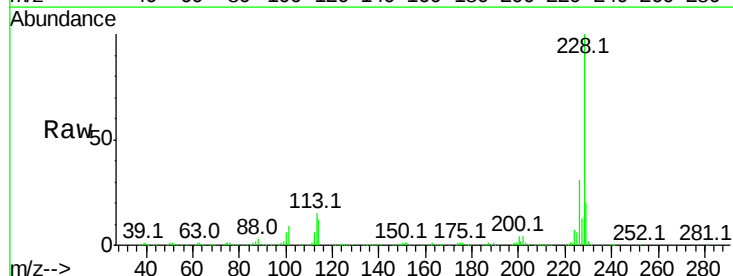
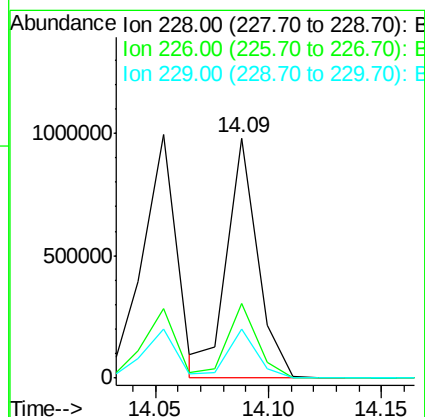
Manual Integrations
 APPROVED

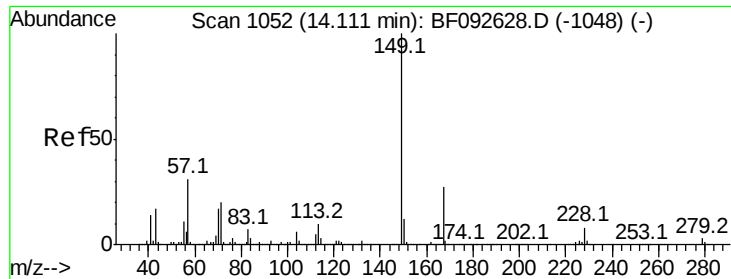
mohammad
 2/9/2017 12:31:11 PM



#82
 Chrysene
 Concen: 34.32 ng m
 RT: 14.09 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: BF092857.D
 Acq: 8 Feb 2017 17:07

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	917162		
226	31.0	25.4	38.0	
229	20.3	16.2	24.2	





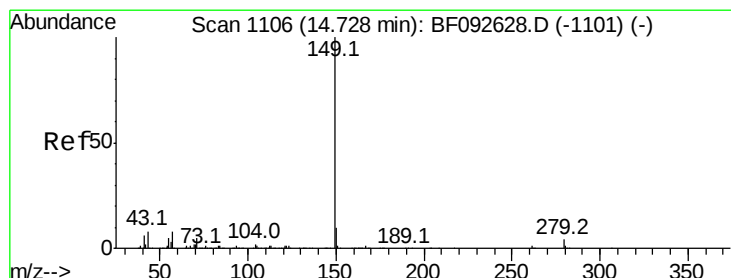
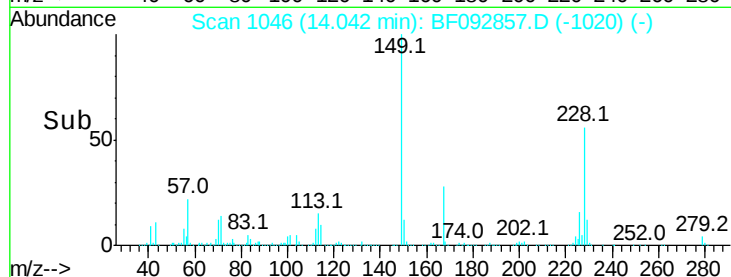
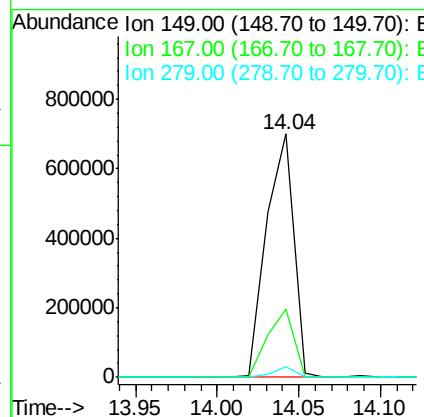
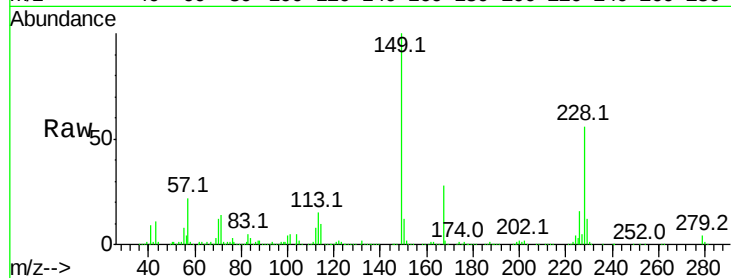
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 42.38 ng
 RT: 14.04 min Scan# 1046
 Delta R.T. -0.00 min
 Lab File: BF092857.D
 Acq: 8 Feb 2017 17:07

Instrument :
 BNA_F
 ClientSampleId :
 PB96810BSD

Tot Ion	Ratio	Lower	Upper
149	100		
167	27.8	20.2	30.4
279	4.2	1.8	2.8

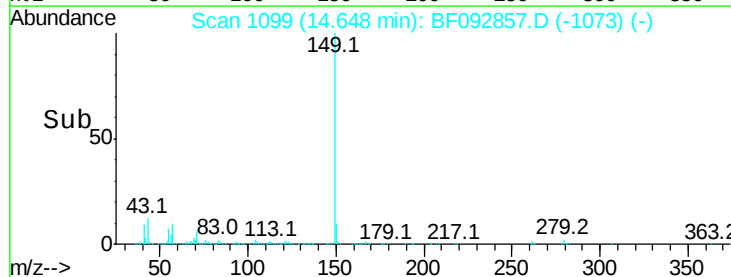
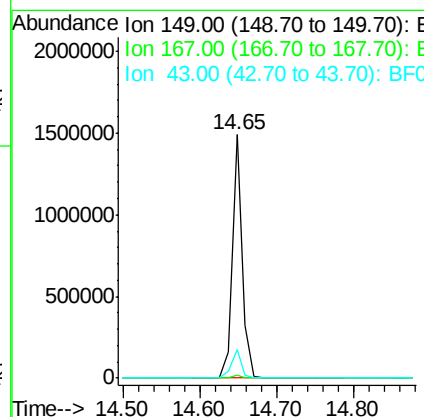
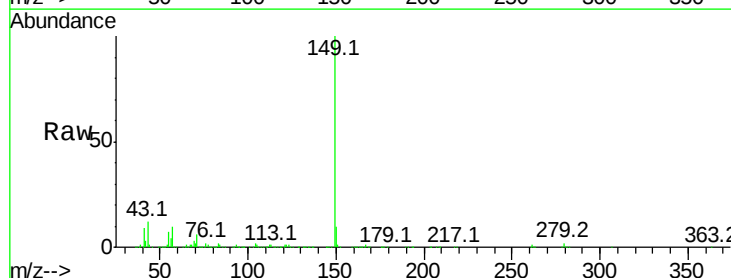
Manual Integrations
 APPROVED

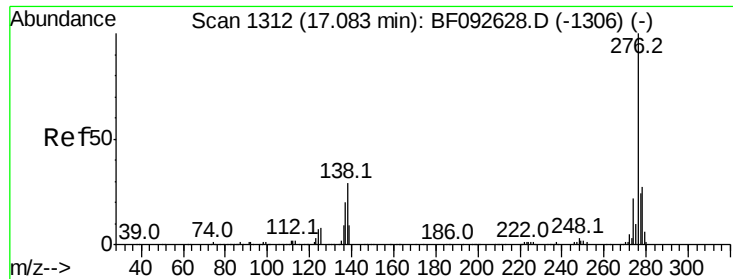
mohammad
 2/9/2017 12:31:11 PM



#84
 Di-n-octyl phthalate
 Concen: 43.35 ng
 RT: 14.65 min Scan# 1099
 Delta R.T. -0.00 min
 Lab File: BF092857.D
 Acq: 8 Feb 2017 17:07

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.3	1.9
43	11.4	8.9	13.3





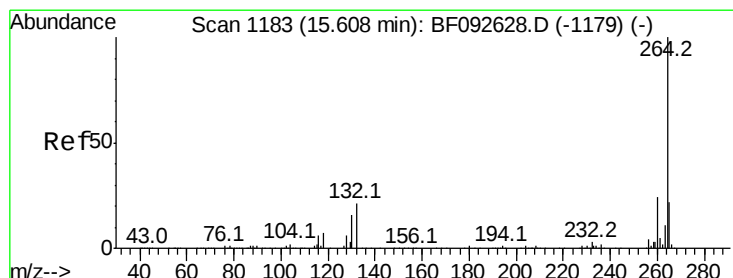
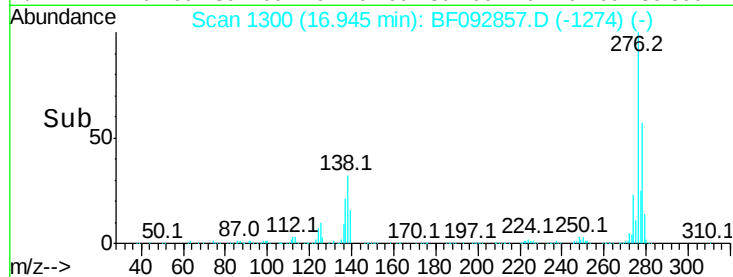
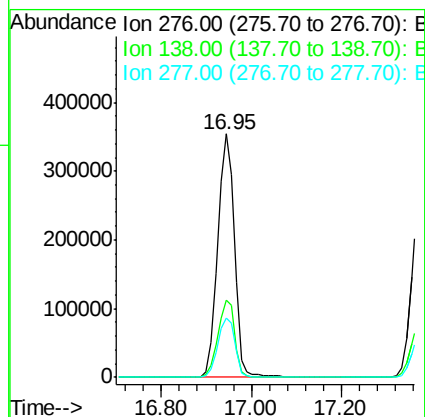
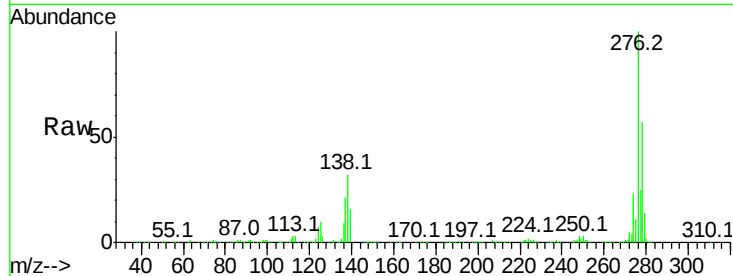
#85
Indeno(1,2,3-cd)pyrene
Concen: 44.59 ng
RT: 16.95 min Scan# 1300
Delta R.T. -0.00 min
Lab File: BF092857.D
Acq: 8 Feb 2017 17:07

Instrument :
BNA_F
ClientSampleId :
PB96810BSD

Tot Ion	Ratio	Lower	Upper
276	100		
138	31.9	21.8	32.6
277	25.1	20.2	30.4

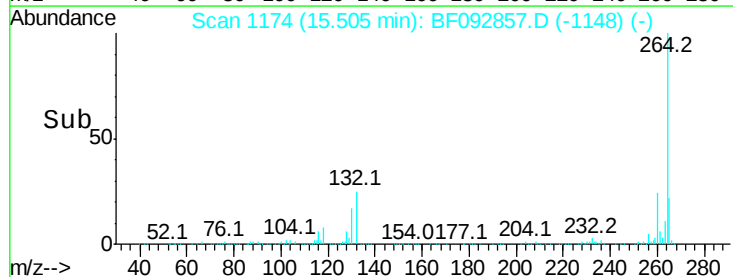
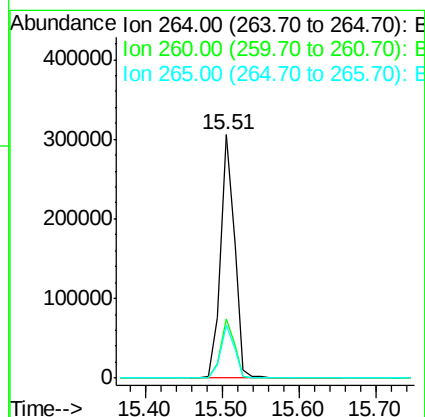
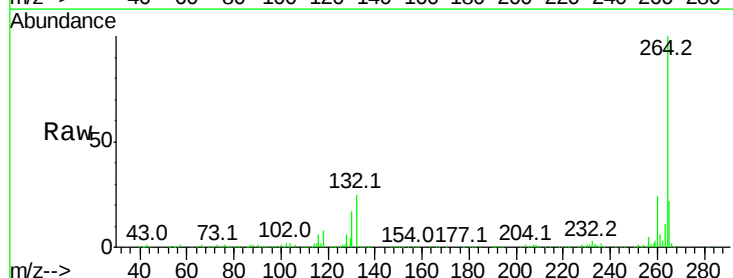
Manual Integrations
APPROVED

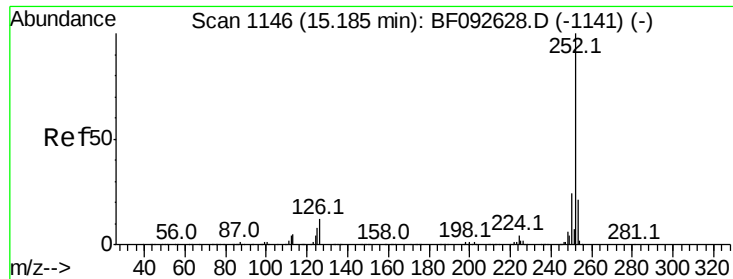
mohammad
2/9/2017 12:31:11 PM



#86
Perylene-d12
Concen: 20.00 ng
RT: 15.51 min Scan# 1174
Delta R.T. -0.00 min
Lab File: BF092857.D
Acq: 8 Feb 2017 17:07

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.2	28.8
265	21.5	17.4	26.0





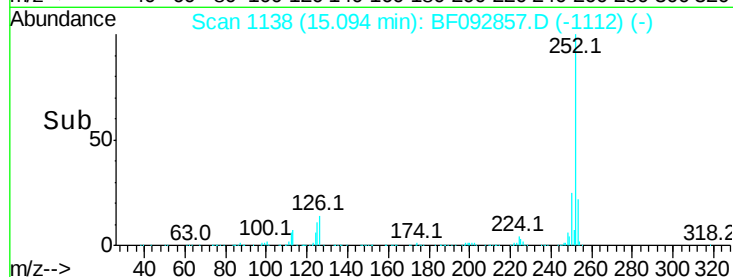
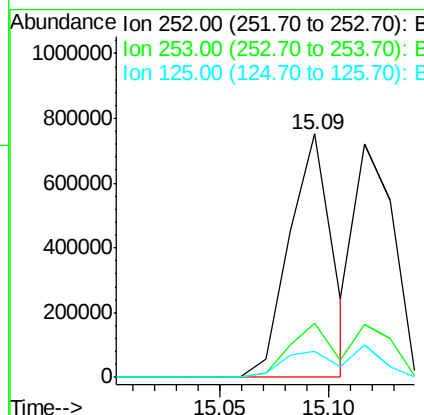
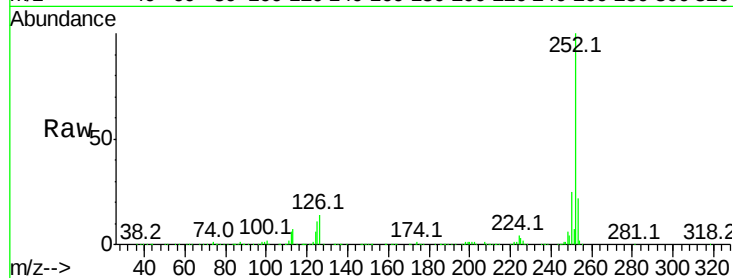
#87
Benzo(b)fluoranthene
Concen: 40.02 ng
RT: 15.09 min Scan# 1138
Delta R.T. -0.00 min
Lab File: BF092857.D
Acq: 8 Feb 2017 17:07

Instrument :
BNA_F
ClientSampleId :
PB96810BSD

Tot Ion:252 Resp: 1029383
Ion Ratio Lower Upper
252 100
253 22.1 18.2 27.4
125 10.9 9.8 14.6

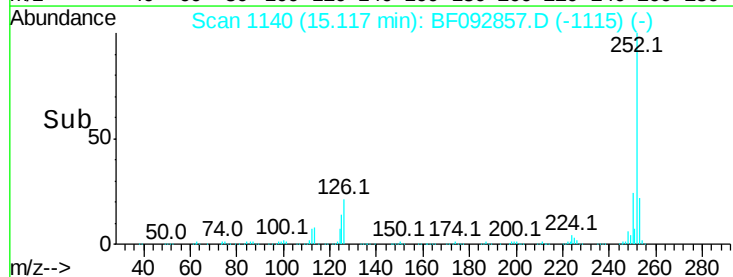
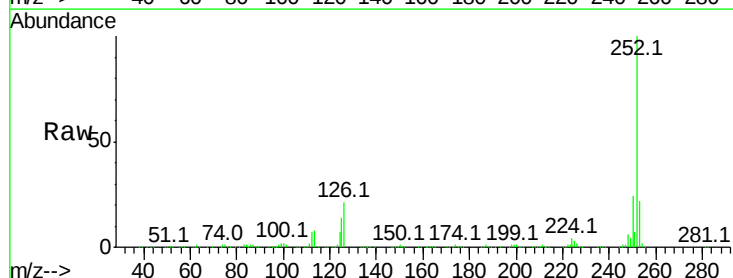
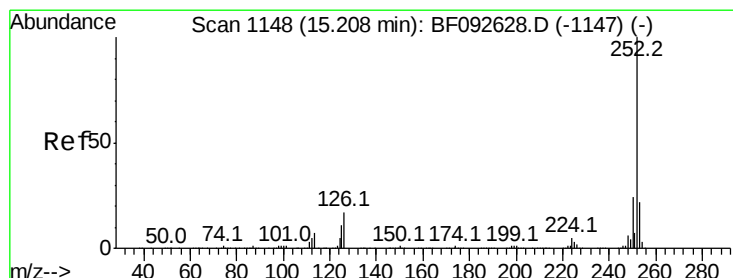
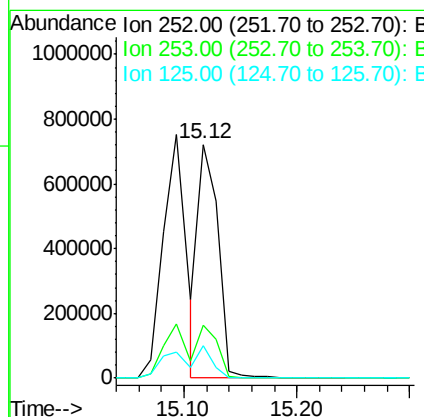
Manual Integrations
APPROVED

mohammad
2/9/2017 12:31:11 PM



#88
Benzo(k)fluoranthene
Concen: 40.68 ng m
RT: 15.12 min Scan# 1140
Delta R.T. -0.01 min
Lab File: BF092857.D
Acq: 8 Feb 2017 17:07

Tgt Ion:252 Resp: 903596
Ion Ratio Lower Upper
252 100
253 22.5 18.5 27.7
125 14.1 8.9 13.3#





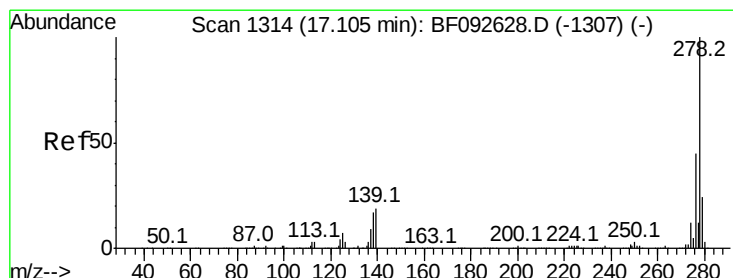
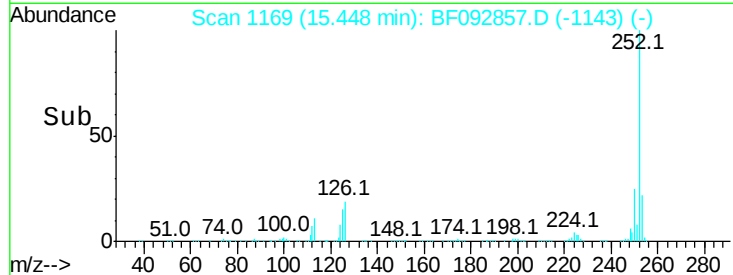
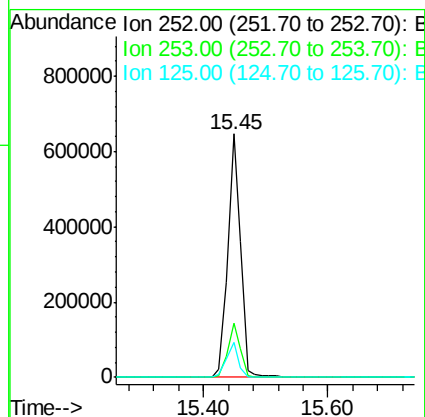
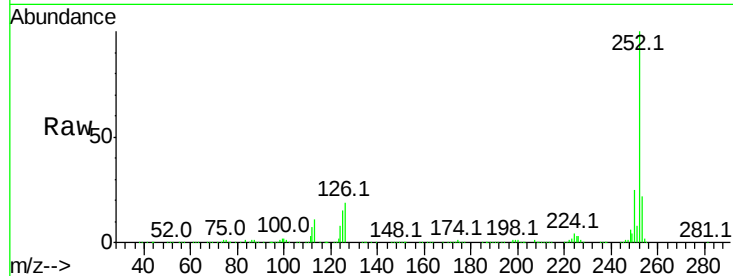
#89
Benzo(a)pyrene
Concen: 40.81 ng
RT: 15.45 min Scan# 1169
Delta R.T. -0.00 min
Lab File: BF092857.D
Acq: 8 Feb 2017 17:07

Instrument :
BNA_F
ClientSampleId :
PB96810BSD

Tot Ion:	252	Resp:	908085
Ion Ratio	Lower	Upper	
252	100		
253	22.3	18.2	27.2
125	14.6	10.0	15.0

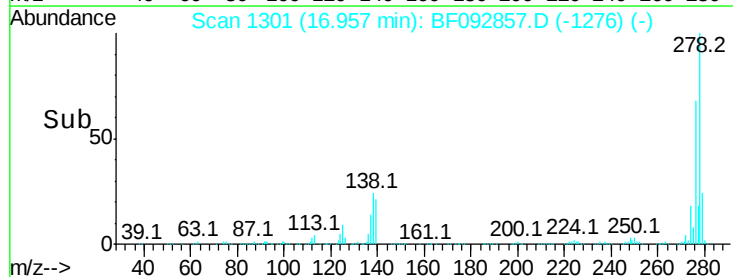
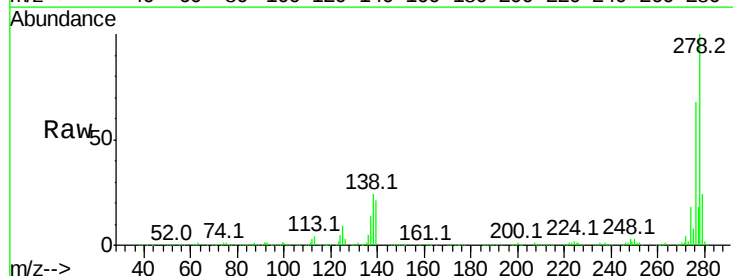
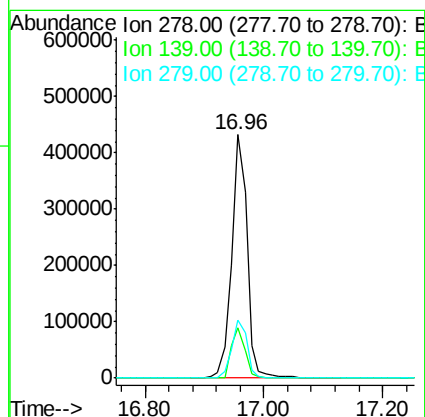
Manual Integrations
APPROVED

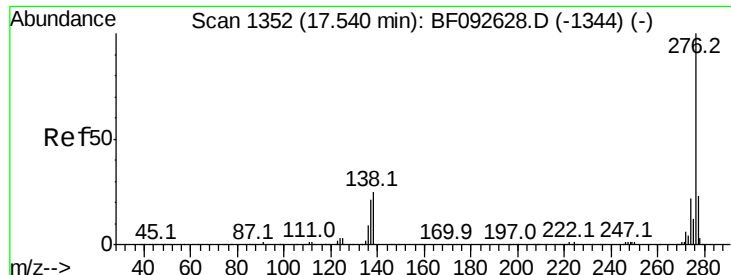
mohammad
2/9/2017 12:31:11 PM



#90
Dibenzo(a,h)anthracene
Concen: 43.09 ng
RT: 16.96 min Scan# 1301
Delta R.T. -0.01 min
Lab File: BF092857.D
Acq: 8 Feb 2017 17:07

Tgt Ion:	278	Resp:	774869
Ion Ratio	Lower	Upper	
278	100		
139	20.6	14.8	22.2
279	23.6	19.8	29.6





#91
 Benzo(a,h,i)perylene
 Concen: 42.38 ng
 RT: 17.38 min Scan# 1338
 Delta R.T. -0.00 min
 Lab File: BF092857.D
 Acq: 8 Feb 2017 17:07

Instrument :
 BNA_F
 ClientSampleId :
 PB96810BSD

Tot Ion	Ratio	Resp Lower	Upper
276	100		
277	23.1	19.2	28.8
138	28.1	16.0	24.0

Manual Integrations
 APPROVED

mohammad
 2/9/2017 12:31:11 PM

