

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF110416\
 Data File : BF091015.D
 Acq On : 4 Nov 2016 9:53
 Operator : UM/SJ
 Sample : PB94512BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB94512BS

Manual Integrations
 APPROVED

sohil
 11/7/2016 4:39:11 PM

Quant Time: Nov 04 11:45:37 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110316.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 04 11:03:12 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	184445	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	758293	20.00	ng	0.00
38) Acenaphthene-d10	9.74	164	388808	20.00	ng	0.00
63) Phenanthrene-d10	11.23	188	653824	20.00	ng	0.00
75) Chrysene-d12	13.86	240	560950	20.00	ng	0.00
86) Perylene-d12	15.24	264	448512	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.31	112	1408054	126.08	ng	0.02
7) Phenol-d6	6.36	99	1752202	115.59	ng	0.01
23) Nitrobenzene-d5	7.28	82	1156414	83.19	ng	0.00
41) 2,4,6-Tribromophenol	10.54	330	518994	147.65	ng	0.01
44) 2-Fluorobiphenyl	9.07	172	1906206	84.41	ng	0.00
78) Terphenyl-d14	12.81	244	1992147	88.62	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.30	88	190690	29.85	ng	97
3) Pyridine	2.97	79	491202	32.87	ng	96
4) n-Nitrosodimethylamine	2.93	42	225324	38.12	ng	87
6) Aniline	6.37	93	455318	25.47	ng	# 17
8) 2-Chlorophenol	6.49	128	526415	39.52	ng	100
9) Benzaldehyde	6.25	77	63135	7.50	ng	99
10) Phenol	6.37	94	750147	44.71	ng	# 66
11) bis(2-Chloroethyl)ether	6.45	93	568967	40.25	ng	# 84
12) 1,3-Dichlorobenzene	6.65	146	541725	40.21	ng	98
13) 1,4-Dichlorobenzene	6.72	146	561320m	38.83	ng	
14) 1,2-Dichlorobenzene	6.88	146	546747	41.21	ng	97
15) Benzyl Alcohol	6.85	79	404336	37.82	ng	97
16) 2,2'-oxybis(1-Chloropropan	6.99	45	652926	32.25	ng	91
17) 2-Methylphenol	6.98	107	432622	41.02	ng	99
18) Hexachloroethane	7.22	117	227367	40.64	ng	93
19) n-Nitroso-di-n-propylamine	7.13	70	426688	40.62	ng	98
20) 3+4-Methylphenols	7.14	107	583282	46.06	ng	99
22) Acetophenone	7.13	105	769770	44.09	ng	# 99
24) Nitrobenzene	7.30	77	642274	41.84	ng	93
25) Isophorone	7.54	82	1105717	41.28	ng	98
26) 2-Nitrophenol	7.61	139	278981	42.94	ng	91
27) 2,4-Dimethylphenol	7.66	122	536270	49.91	ng	100
28) bis(2-Chloroethoxy)methane	7.76	93	746114	50.99	ng	99
29) 2,4-Dichlorophenol	7.86	162	442243	47.16	ng	97
30) 1,2,4-Trichlorobenzene	7.94	180	477973	45.33	ng	99
31) Naphthalene	8.02	128	1516778	41.83	ng	99
32) Benzoic acid	7.81	122	277822	34.71	ng	97
33) 4-Chloroaniline	8.08	127	276065	18.30	ng	99
34) Hexachlorobutadiene	8.13	225	255041	44.82	ng	99
35) Caprolactam	8.45	113	163450m	55.48	ng	
36) 4-Chloro-3-methylphenol	8.57	107	499956	44.04	ng	93
37) 2-Methylnaphthalene	8.70	142	1009863	43.32	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.88	216	489356	49.36	ng	99
40) Hexachlorocyclopentadiene	8.86	237	445589	112.81	ng	98

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF110416\
 Data File : BF091015.D
 Acq On : 4 Nov 2016 9:53
 Operator : UM/SJ
 Sample : PB94512BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB94512BS

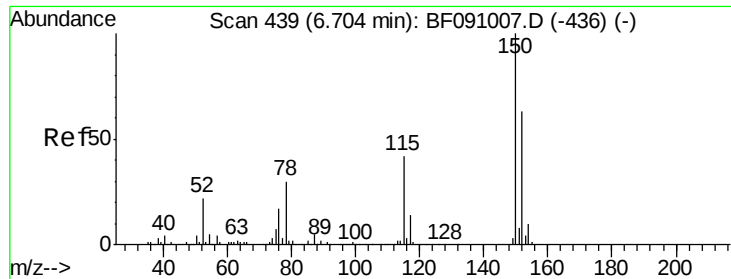
Manual Integrations
 APPROVED

sohil
 11/7/2016 4:39:11 PM

Quant Time: Nov 04 11:45:37 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110316.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 04 11:03:12 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.99	196	297303	46.46	ng	100
43) 2,4,5-Trichlorophenol	9.04	196	302760	45.06	ng #	88
45) 1,1'-Biphenyl	9.17	154	1213465	42.74	ng	98
46) 2-Chloronaphthalene	9.20	162	962686	44.66	ng	99
47) 2-Nitroaniline	9.30	65	315335	39.42	ng	92
48) Acenaphthylene	9.61	152	1368776	40.75	ng	100
49) Dimethylphthalate	9.48	163	1047604	41.09	ng	100
50) 2,6-Dinitrotoluene	9.54	165	229539	42.01	ng	89
51) Acenaphthene	9.78	154	858507	40.71	ng	99
52) 3-Nitroaniline	9.71	138	162371	25.06	ng	91
53) 2,4-Dinitrophenol	9.82	184	276021	91.75	ng	96
54) Dibenzofuran	9.95	168	1252755	44.13	ng	99
55) 4-Nitrophenol	9.89	139	374011	86.20	ng #	81
56) 2,4-Dinitrotoluene	9.95	165	358088	51.51	ng	94
57) Fluorene	10.29	166	994376	42.85	ng	100
58) 2,3,4,6-Tetrachlorophenol	10.08	232	271070	51.50	ng	97
59) Diethylphthalate	10.18	149	1117104	42.74	ng	98
60) 4-Chlorophenyl-phenylether	10.29	204	515996	48.86	ng	98
61) 4-Nitroaniline	10.33	138	258045	39.37	ng	98
62) Azobenzene	10.45	77	1257828	40.88	ng	98
64) 4,6-Dinitro-2-methylphenol	10.36	198	176958	44.20	ng	95
65) n-Nitrosodiphenylamine	10.41	169	881471	42.42	ng	100
66) 4-Bromophenyl-phenylether	10.77	248	285821	42.03	ng	95
67) Hexachlorobenzene	10.84	284	345111	46.01	ng	97
68) Atrazine	10.94	200	300339	50.10	ng	98
69) Pentachlorophenol	11.04	266	337446	101.58	ng	98
70) Phenanthrene	11.25	178	1552473	44.67	ng	100
71) Anthracene	11.30	178	1521533	41.18	ng	99
72) Carbazole	11.46	167	1299648	39.03	ng	99
73) Di-n-butylphthalate	11.80	149	1867589	44.59	ng	100
74) Fluoranthene	12.43	202	1441435	39.99	ng	97
76) Benzidine	12.57	184	537896	42.92	ng	98
77) Pyrene	12.66	202	1431635	38.97	ng	100
79) Butylbenzylphthalate	13.29	149	720495	41.00	ng	96
80) Benzo(a)anthracene	13.85	228	1377088	43.24	ng	100
81) 3,3'-Dichlorobenzidine	13.81	252	266420	23.81	ng #	95
82) Chrysene	13.88	228	1324634	42.18	ng	99
83) Bis(2-ethylhexyl)phthalate	13.85	149	974370	40.97	ng	99
84) Di-n-octyl phthalate	14.47	149	1692933	43.30	ng #	94
85) Indeno(1,2,3-cd)pyrene	16.57	276	1148053	44.06	ng	98
87) Benzo(b)fluoranthene	14.87	252	1398776m	45.98	ng	
88) Benzo(k)fluoranthene	14.89	252	1071924m	40.17	ng	
89) Benzo(a)pyrene	15.20	252	1201504	45.37	ng	99
90) Dibenzo(a,h)anthracene	16.58	278	975233	42.60	ng	99
91) Benzo(g,h,i)perylene	16.96	276	943763	45.59	ng	98

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.70 min Scan# 439

Delta R.T. 0.00 min

Lab File: BF091015.D

Acq: 4 Nov 2016 9:53

Instrument :

BNA_F

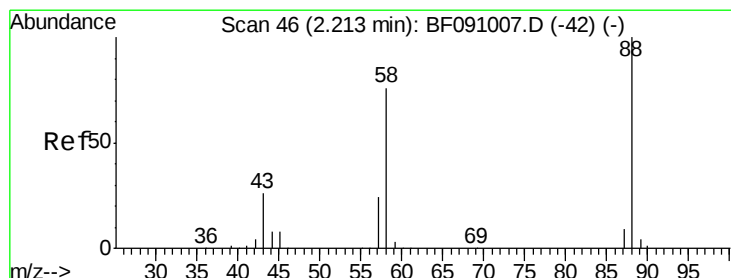
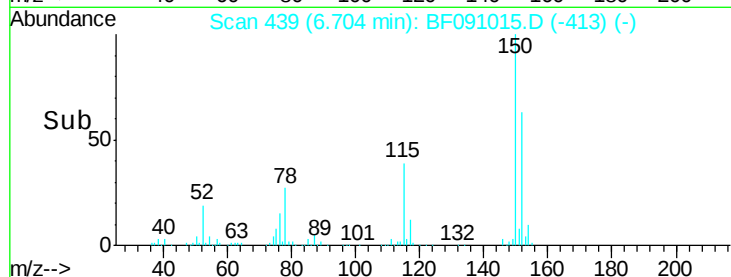
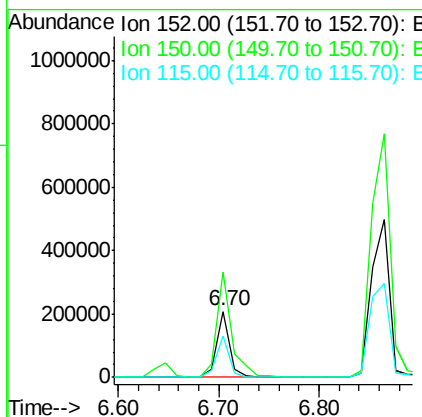
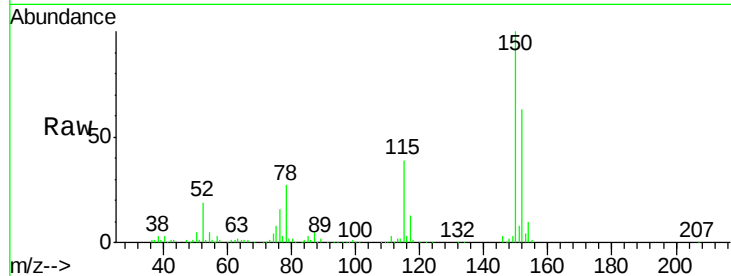
ClientSampled :

PB94512BS

Tgt Ion:	152	Resp:	184445
Ion Ratio	Lower	Upper	
152	100		
150	158.8	126.8	190.2
115	62.6	53.3	79.9

Manual Integrations
APPROVED

sohil
11/7/2016 4:39:11 PM



#2

1,4-Dioxane

Concen: 29.85 ng

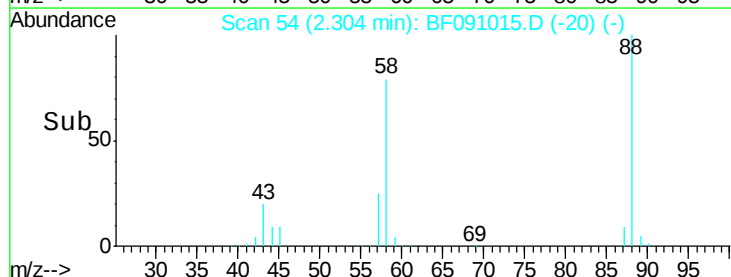
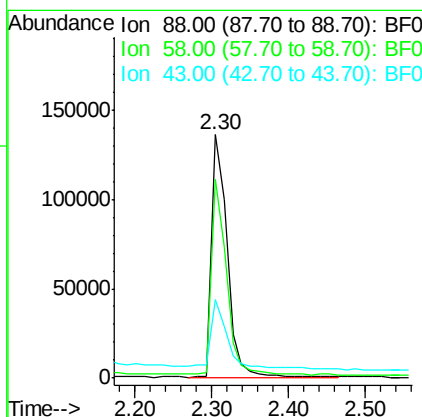
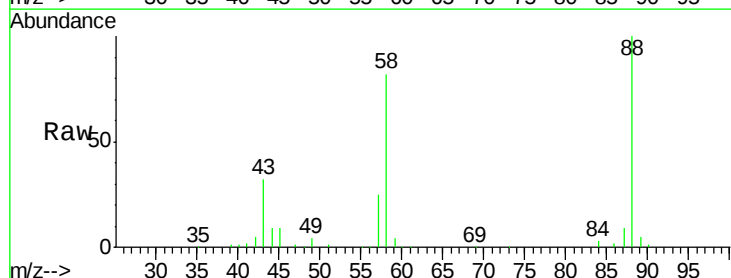
RT: 2.30 min Scan# 54

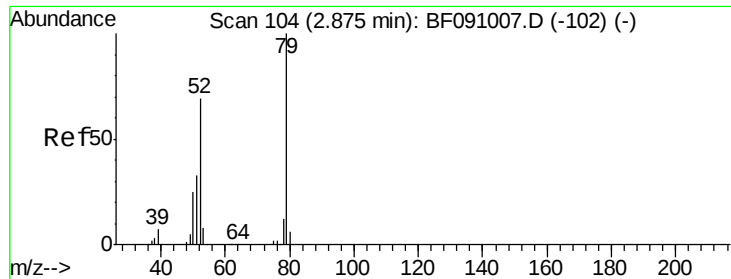
Delta R.T. 0.09 min

Lab File: BF091015.D

Acq: 4 Nov 2016 9:53

Tgt Ion:	88	Resp:	190690
Ion Ratio	Lower	Upper	
88	100		
58	77.0	63.8	95.6
43	30.6	22.6	33.8





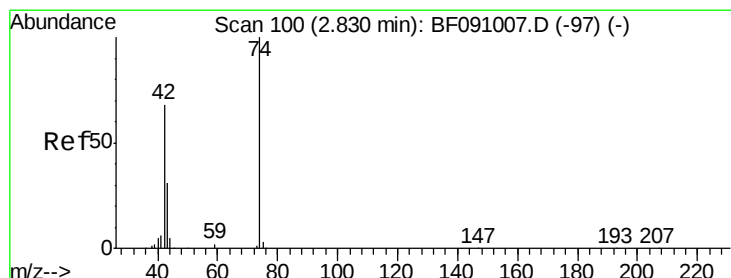
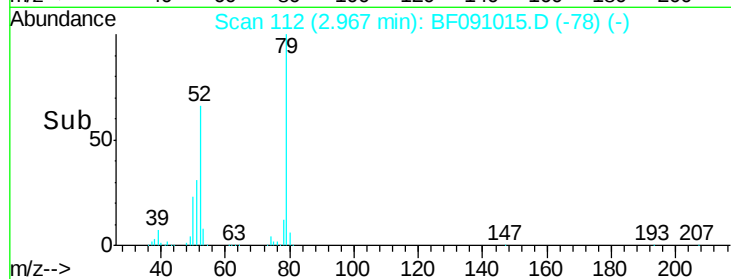
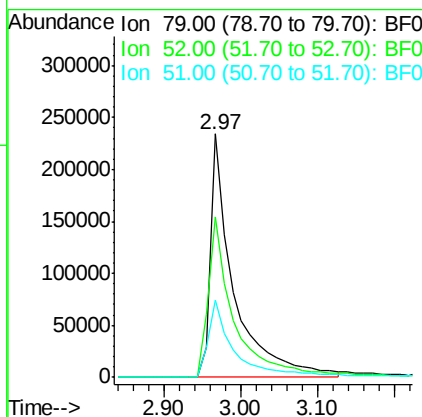
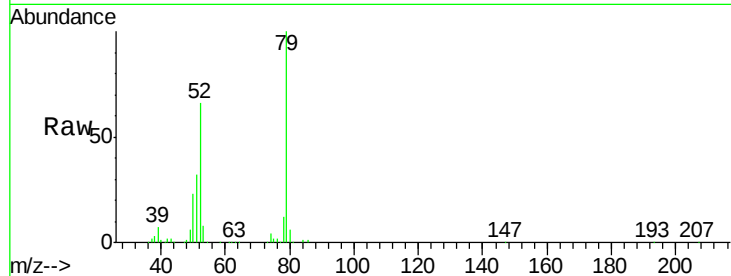
#3
 Pyridine
 Concen: 32.87 ng
 RT: 2.97 min Scan# 112
 Delta R.T. 0.09 min
 Lab File: BF091015.D
 Acq: 4 Nov 2016 9:53

Instrument :
 BNA_F
 ClientSampleId :
 PB94512BS

Tgt Ion	Ratio	Lower	Upper
79	100		
52	65.8	55.4	83.0
51	31.9	27.4	41.0

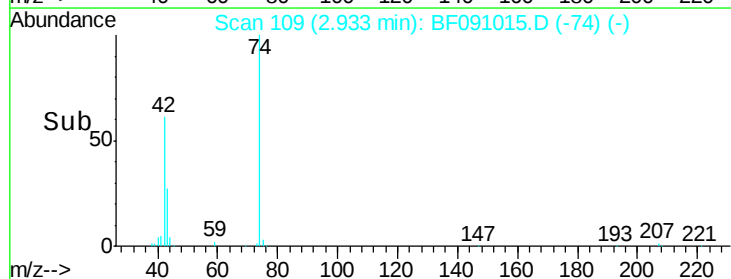
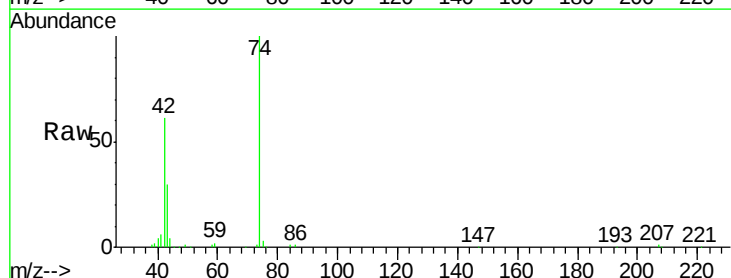
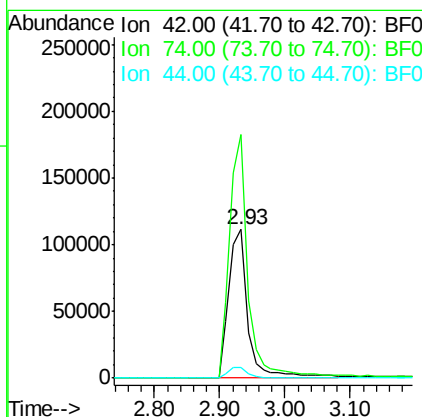
Manual Integrations
 APPROVED

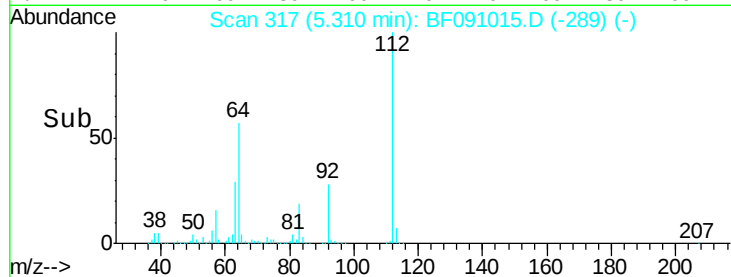
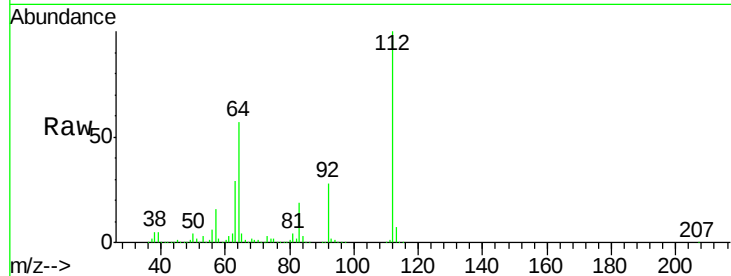
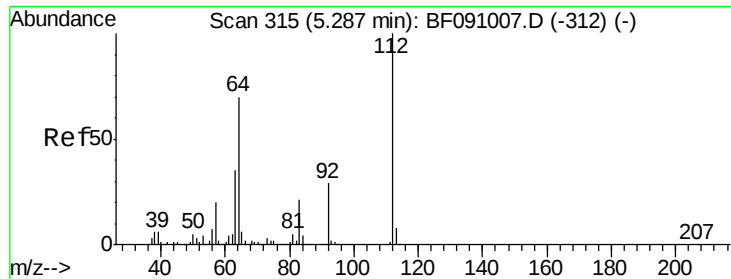
sohil
 11/7/2016 4:39:11 PM



#4
 n-Nitrosodimethylamine
 Concen: 38.12 ng
 RT: 2.93 min Scan# 109
 Delta R.T. 0.10 min
 Lab File: BF091015.D
 Acq: 4 Nov 2016 9:53

Tgt Ion	Ratio	Lower	Upper
42	100		
74	163.8	117.3	175.9
44	7.3	5.8	8.8





#5

2-Fluorophenol

Concen: 126.08 ng

RT: 5.31 min Scan# 317

Delta R.T. 0.02 min

Lab File: BF091015.D

Acq: 4 Nov 2016 9:53

Tgt Ion:	112	Resp:	1408054
Ion	Ratio	Lower	Upper
112	100		
64	56.7	55.8	83.6
63	28.6	28.0	42.0

Instrument :

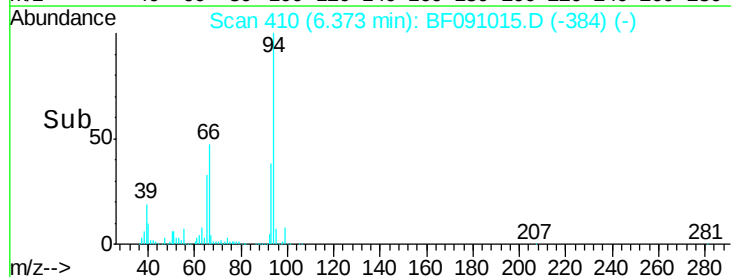
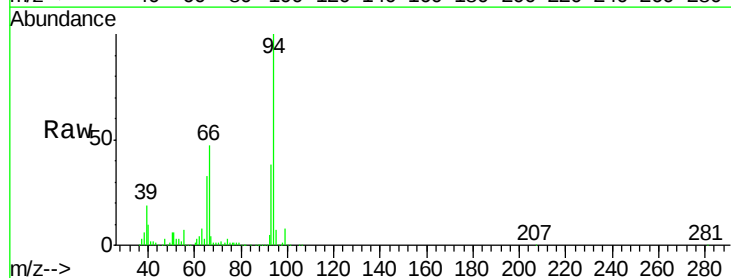
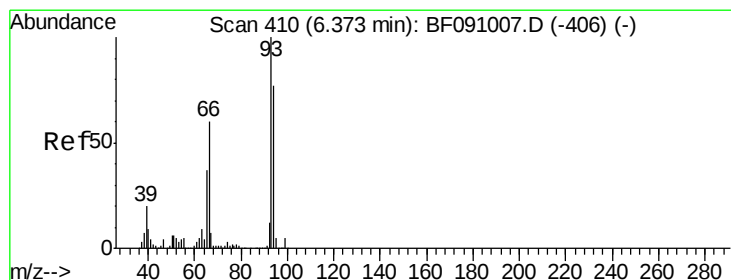
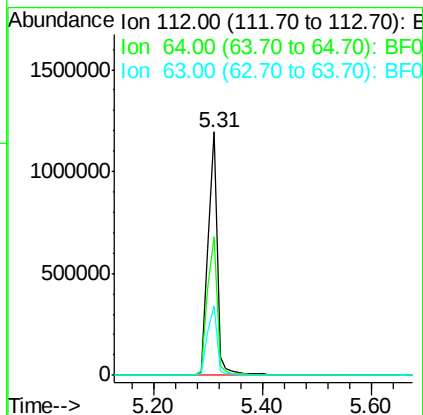
BNA_F

ClientSampleId :

PB94512BS

Manual Integrations
APPROVED

sohil
11/7/2016 4:39:11 PM



#6

Aniline

Concen: 25.47 ng

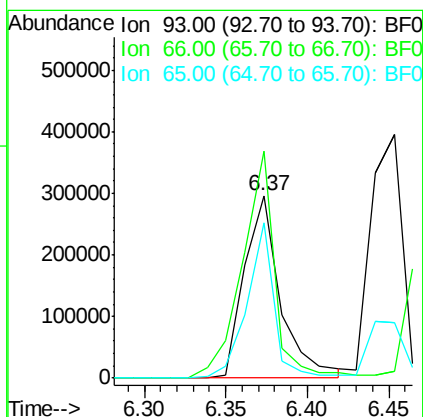
RT: 6.37 min Scan# 410

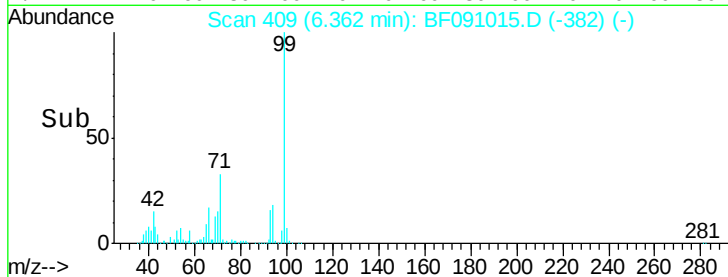
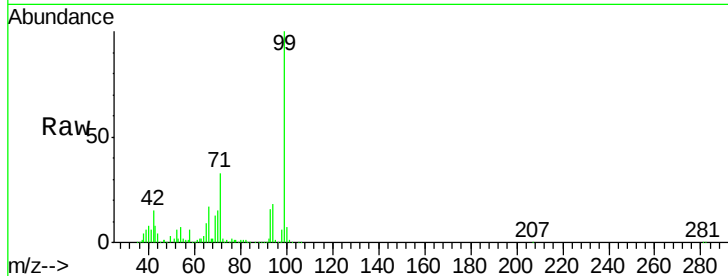
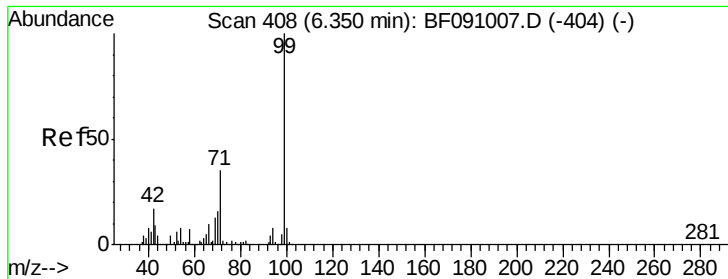
Delta R.T. 0.00 min

Lab File: BF091015.D

Acq: 4 Nov 2016 9:53

Tgt Ion:	93	Resp:	455318
Ion	Ratio	Lower	Upper
93	100		
66	123.9	48.2	72.2#
65	85.1	29.4	44.0#





#7

Phenol-d6

Concen: 115.59 ng

RT: 6.36 min Scan# 409

Delta R.T. 0.01 min

Lab File: BF091015.D

Acq: 4 Nov 2016 9:53

Tgt Ion: 99 Resp: 1752202

Ion Ratio Lower Upper

99 100

42 15.5 13.9 20.9

71 33.0 27.8 41.8

Instrument :

BNA_F

ClientSampleId :

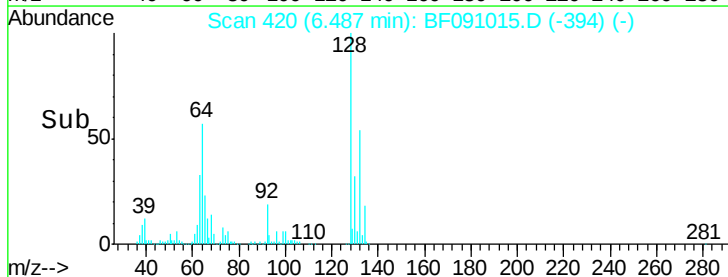
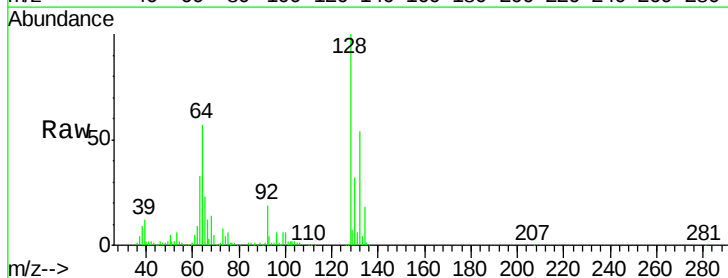
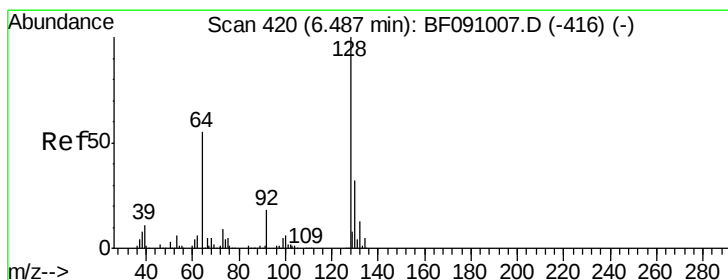
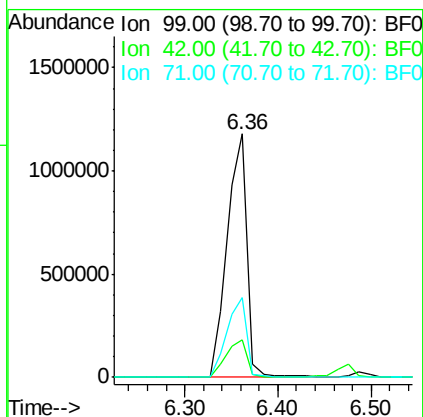
PB94512BS

Manual Integrations

APPROVED

sohil

11/7/2016 4:39:11 PM



#8

2-Chlorophenol

Concen: 39.52 ng

RT: 6.49 min Scan# 420

Delta R.T. 0.00 min

Lab File: BF091015.D

Acq: 4 Nov 2016 9:53

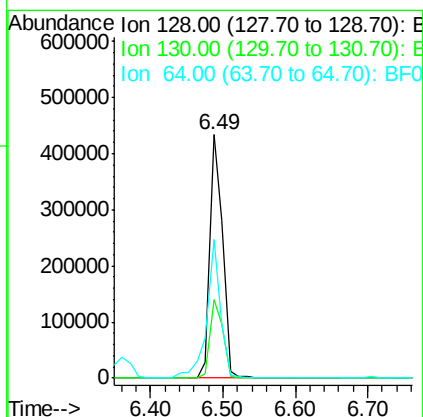
Tgt Ion: 128 Resp: 526415

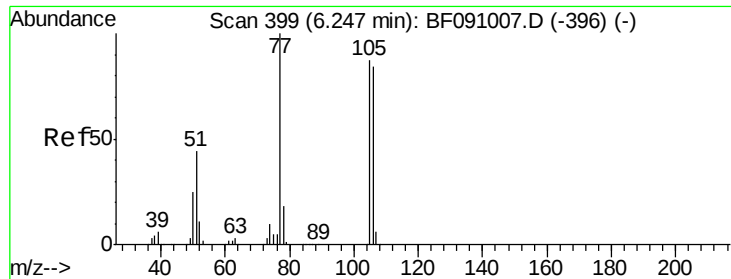
Ion Ratio Lower Upper

128 100

130 32.1 12.0 52.0

64 57.0 37.2 77.2





#9

Benzaldehyde

Concen: 7.50 ng

RT: 6.25 min Scan# 399

Delta R.T. 0.00 min

Lab File: BF091015.D

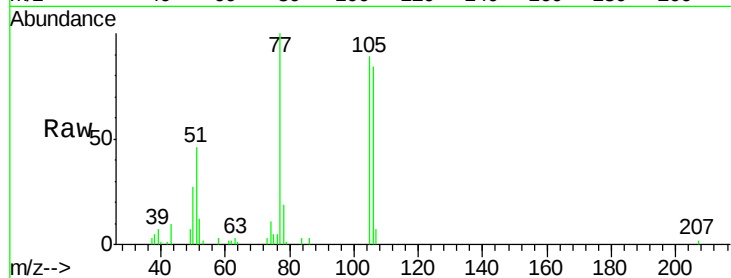
Acq: 4 Nov 2016 9:53

Instrument :

BNA_F

ClientSampleId :

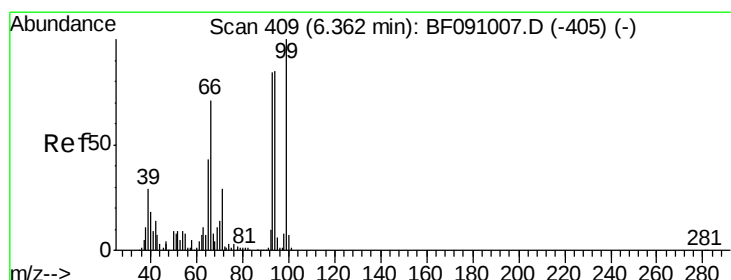
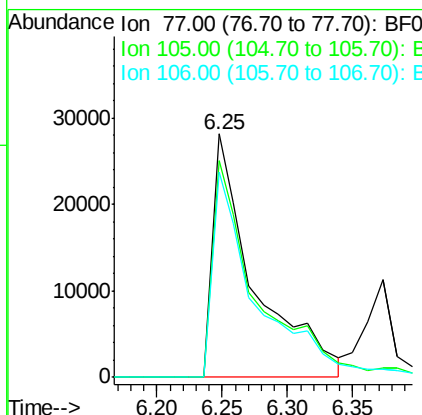
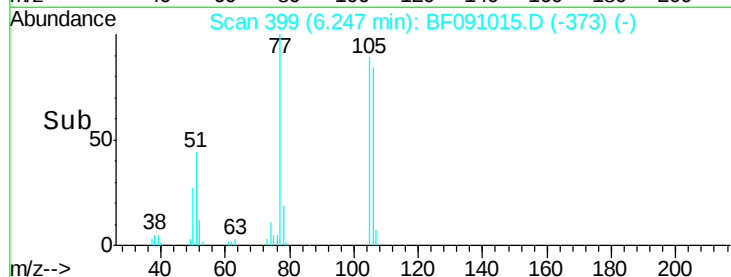
PB94512BS



Tgt Ion:	77	Resp:	63135
Ion Ratio	Lower	Upper	
77	100		
105	89.1	66.8	106.8
106	84.2	64.0	104.0

Manual Integrations
APPROVED

sohil
11/7/2016 4:39:11 PM



#10

Phenol

Concen: 44.71 ng

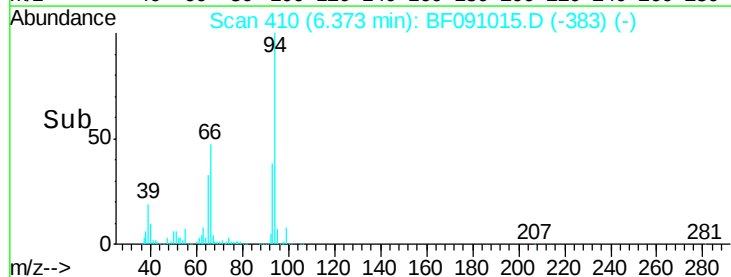
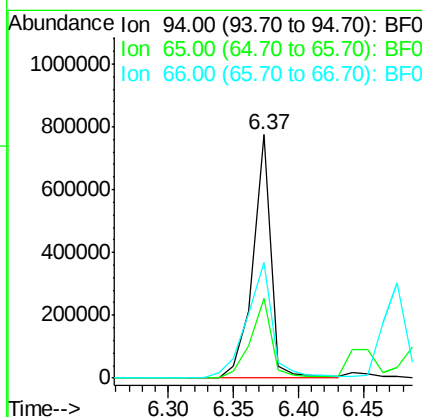
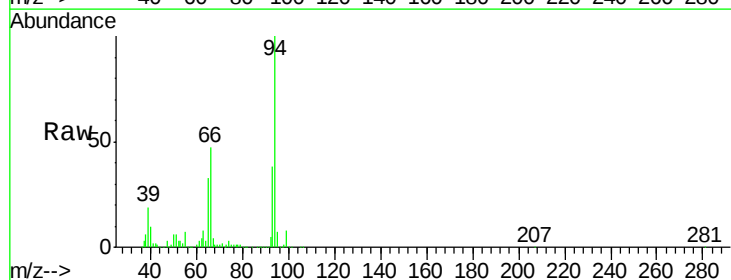
RT: 6.37 min Scan# 410

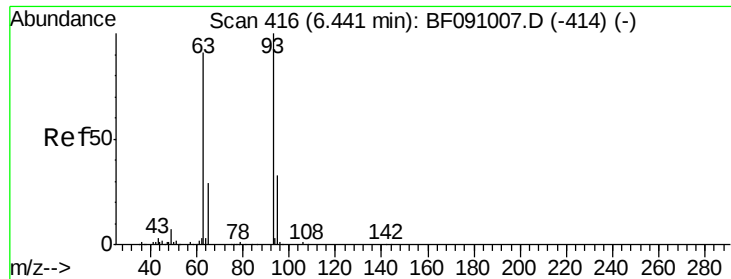
Delta R.T. 0.01 min

Lab File: BF091015.D

Acq: 4 Nov 2016 9:53

Tgt Ion:	94	Resp:	750147
Ion Ratio	Lower	Upper	
94	100		
65	32.6	30.4	70.4
66	47.4	62.9	102.9#





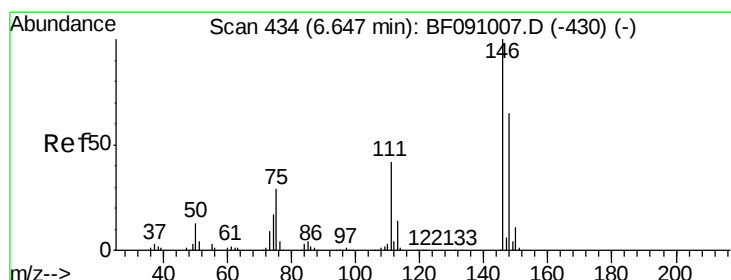
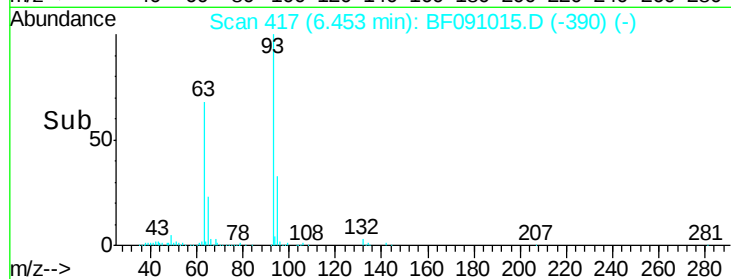
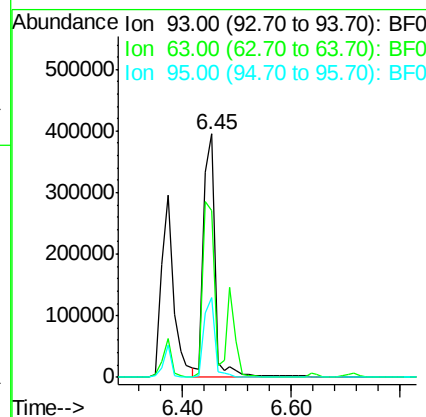
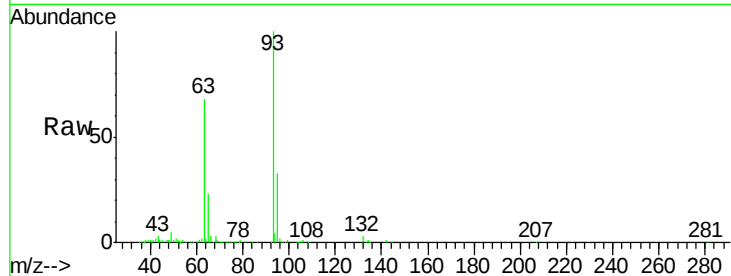
#11
bis(2-Chloroethyl)ether
Concen: 40.25 ng
RT: 6.45 min Scan# 417
Delta R.T. 0.01 min
Lab File: BF091015.D
Acq: 4 Nov 2016 9:53

Instrument :
BNA_F
ClientSampled :
PB94512BS

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	568967		
63	68.3	68.9	108.9#	
95	32.9	12.3	52.3	

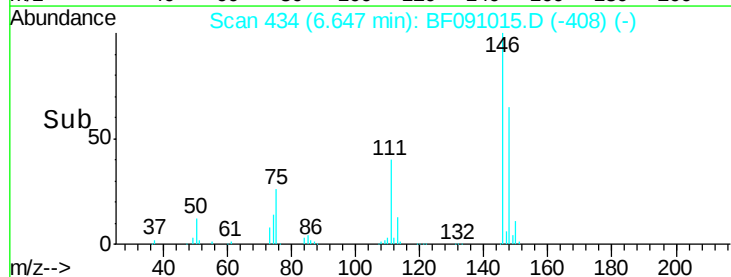
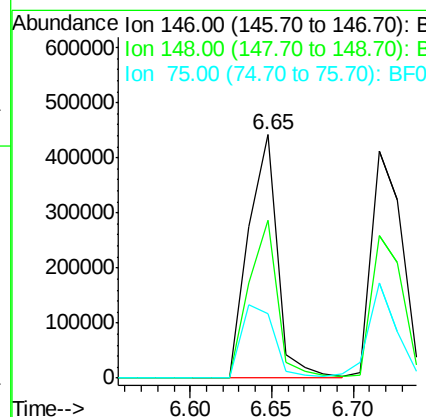
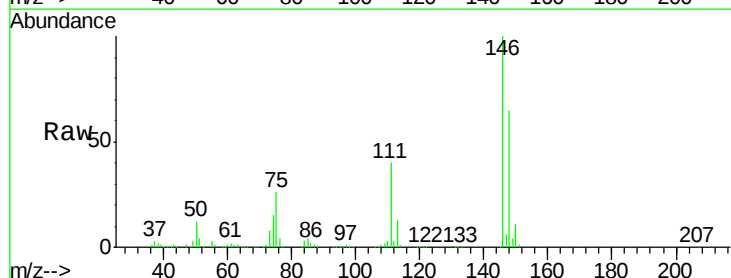
Manual Integrations
APPROVED

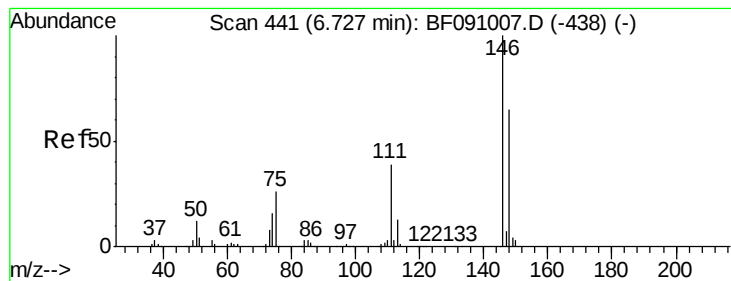
sohil
11/7/2016 4:39:11 PM



#12
1,3-Dichlorobenzene
Concen: 40.21 ng
RT: 6.65 min Scan# 434
Delta R.T. 0.00 min
Lab File: BF091015.D
Acq: 4 Nov 2016 9:53

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	541725		
148	64.6	52.0	78.0	
75	26.3	23.0	34.6	





#13

1,4-Dichlorobenzene

Concen: 38.83 ng m

RT: 6.72 min Scan# 440

Delta R.T. -0.01 min

Lab File: BF091015.D

Acq: 4 Nov 2016 9:53

Instrument :

BNA_F

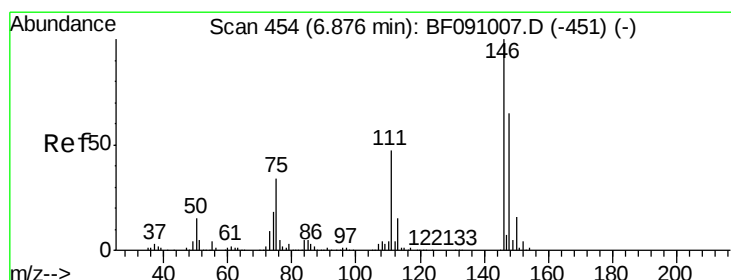
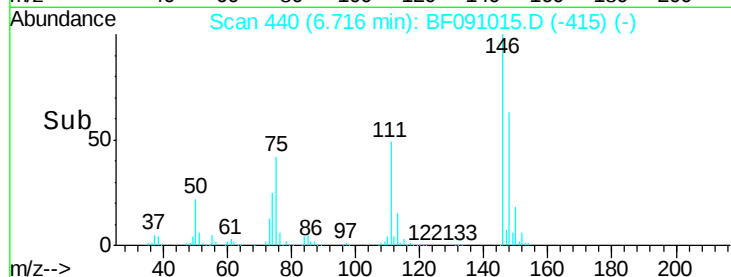
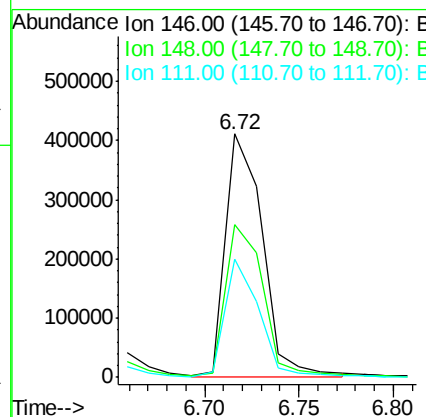
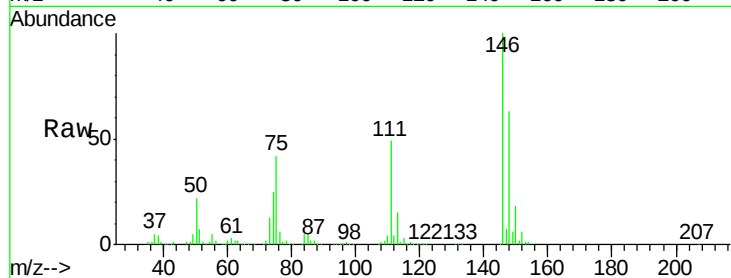
ClientSampled :

PB94512BS

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.9	52.1	78.1
111	48.7	31.6	47.4

Manual Integrations
APPROVED

sohil
11/7/2016 4:39:11 PM



#14

1,2-Dichlorobenzene

Concen: 41.21 ng

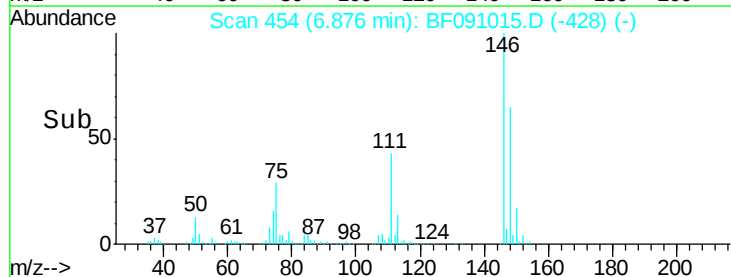
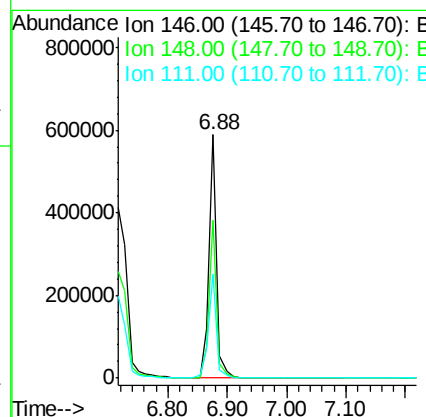
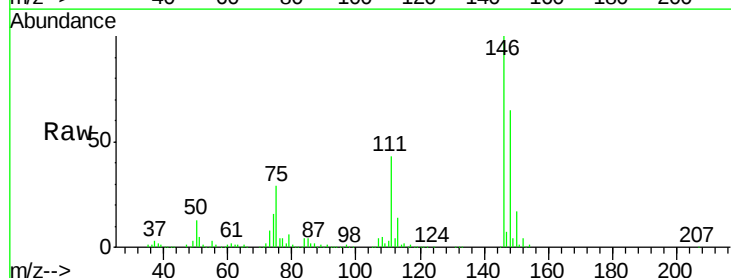
RT: 6.88 min Scan# 454

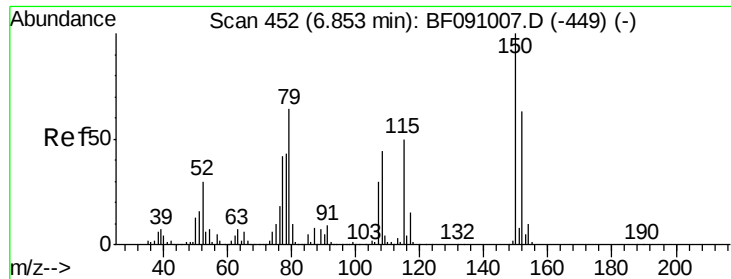
Delta R.T. 0.00 min

Lab File: BF091015.D

Acq: 4 Nov 2016 9:53

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.0	51.6	77.4
111	42.9	37.3	55.9





#15

Benzyl Alcohol

Concen: 37.82 ng

RT: 6.85 min Scan# 452

Delta R.T. 0.00 min

Lab File: BF091015.D

Acq: 4 Nov 2016 9:53

Instrument :

BNA_F

ClientSampled :

PB94512BS

Tgt Ion: 79 Resp: 404336
Ion Ratio Lower Upper

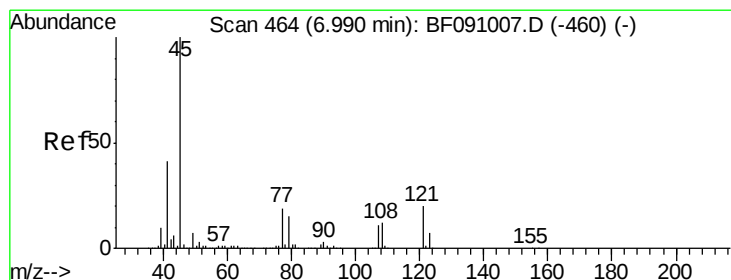
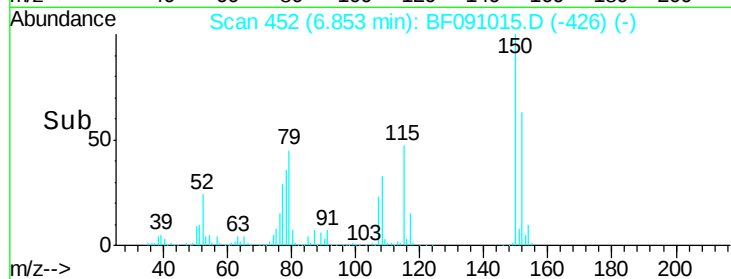
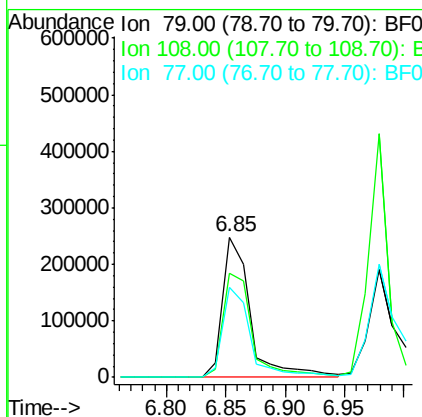
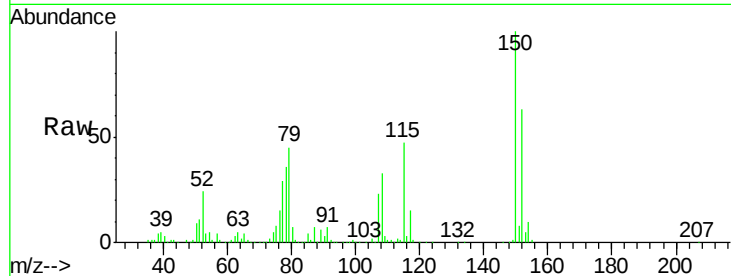
79 100

108 73.8 55.7 83.5

77 64.5 52.6 79.0

Manual Integrations
APPROVED

sohil
11/7/2016 4:39:11 PM



#16

2,2'-oxybis(1-Chloropropane)

Concen: 32.25 ng

RT: 6.99 min Scan# 464

Delta R.T. 0.00 min

Lab File: BF091015.D

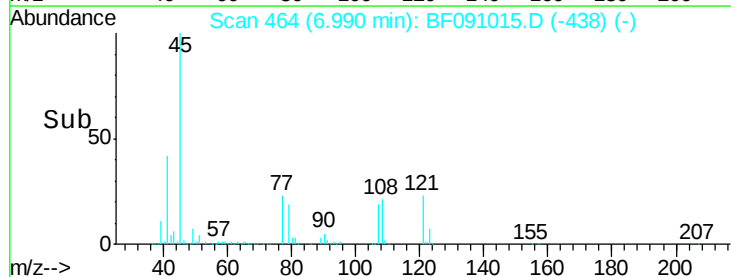
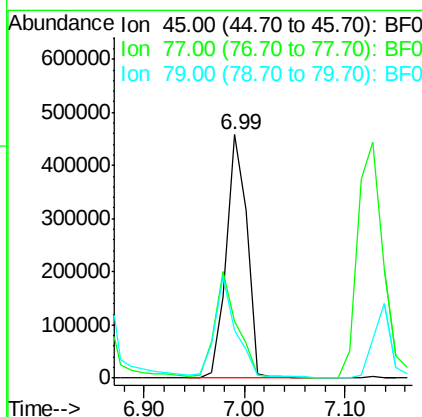
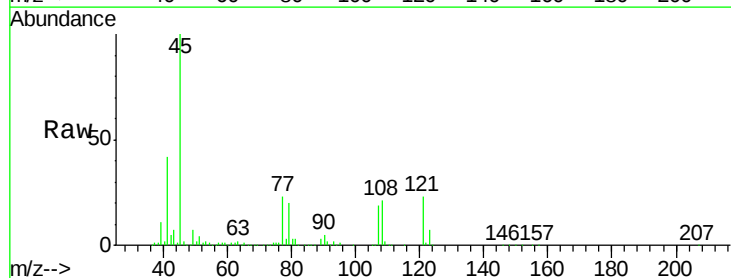
Acq: 4 Nov 2016 9:53

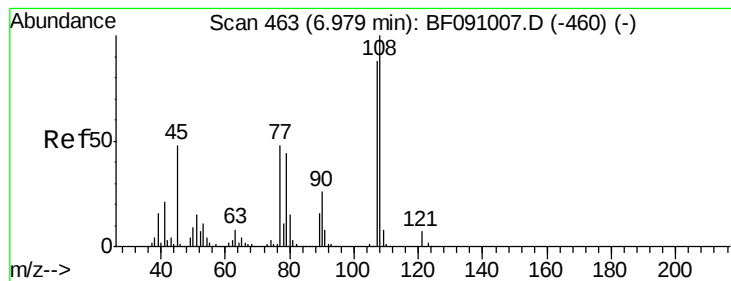
Tgt Ion: 45 Resp: 652926
Ion Ratio Lower Upper

45 100

77 23.5 0.0 39.6

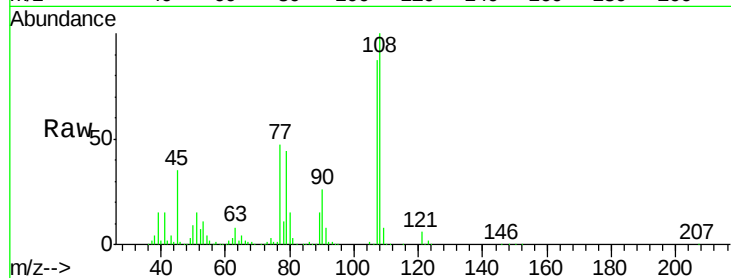
79 19.8 0.0 35.9





#17
2-Methylphenol
Concen: 41.02 ng
RT: 6.98 min Scan# 463
Delta R.T. 0.00 min
Lab File: BF091015.D
Acq: 4 Nov 2016 9:53

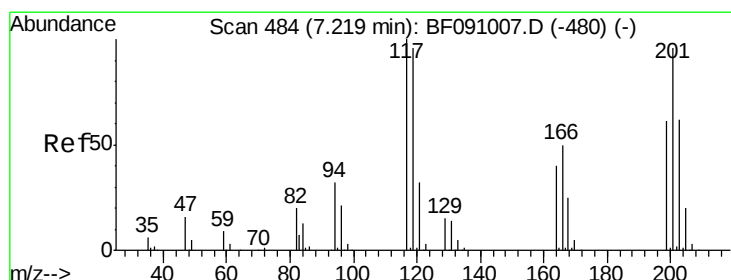
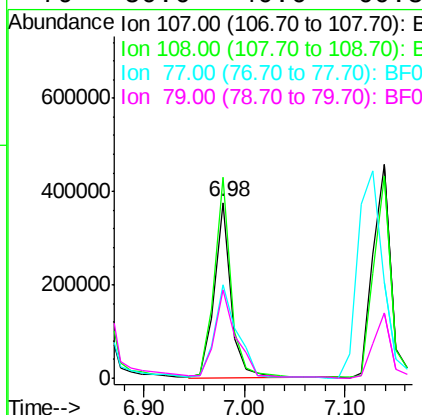
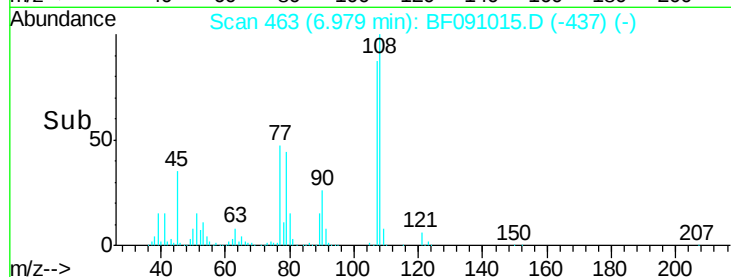
Instrument :
BNA_F
ClientSampleId :
PB94512BS



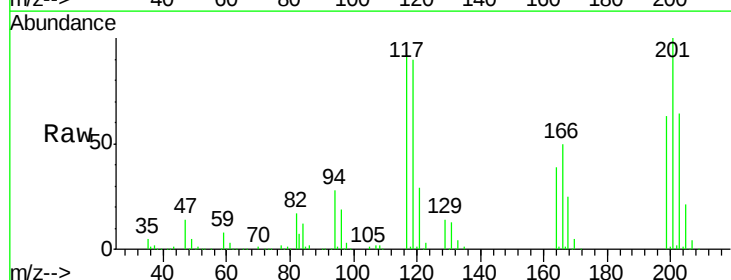
Tgt Ion	Ratio	Resp	Lower	Upper
107	100			
108	114.5	91.0	136.6	
77	53.5	43.8	65.8	
79	50.6	40.6	60.8	

Manual Integrations
APPROVED

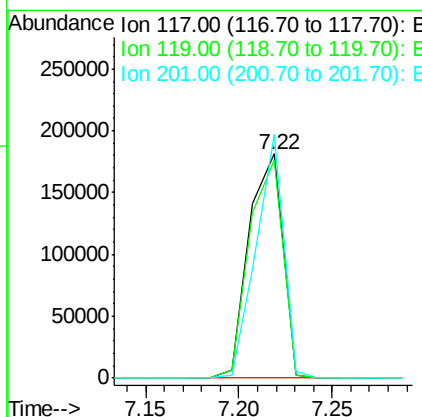
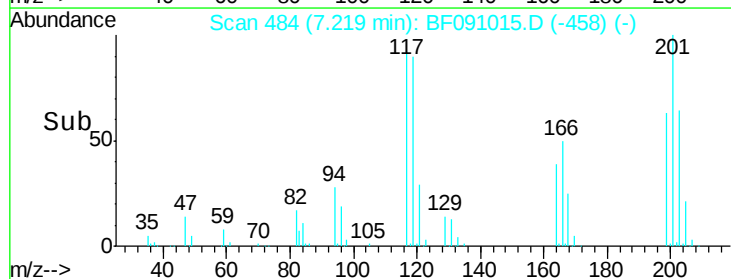
sohil
11/7/2016 4:39:11 PM

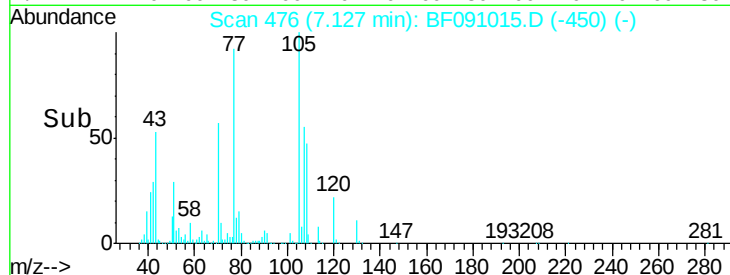
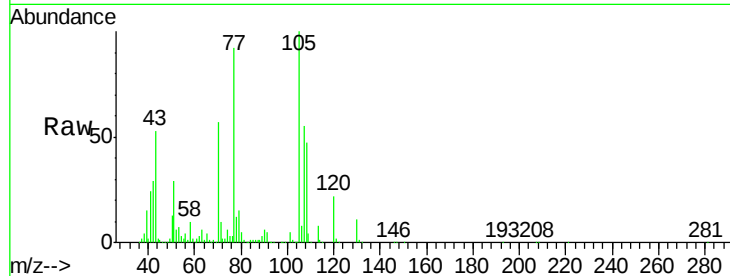
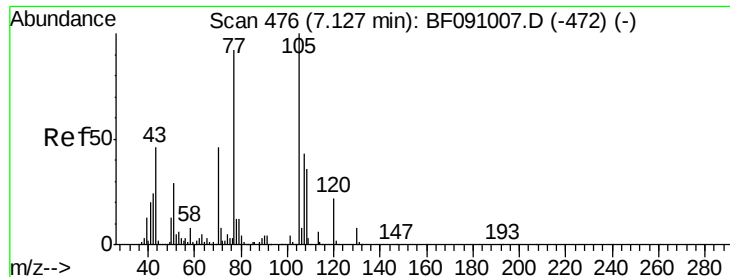


#18
Hexachloroethane
Concen: 40.64 ng
RT: 7.22 min Scan# 484
Delta R.T. 0.00 min
Lab File: BF091015.D
Acq: 4 Nov 2016 9:53



Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	97.3	76.6	115.0	
201	108.7	77.1	115.7	





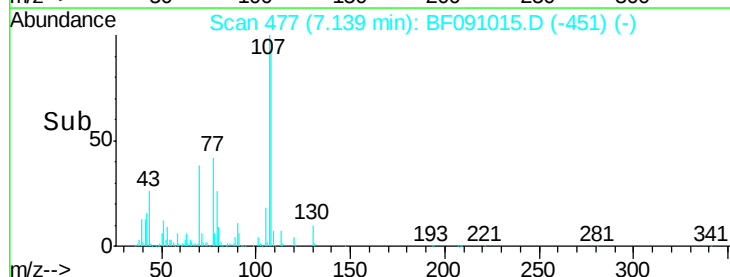
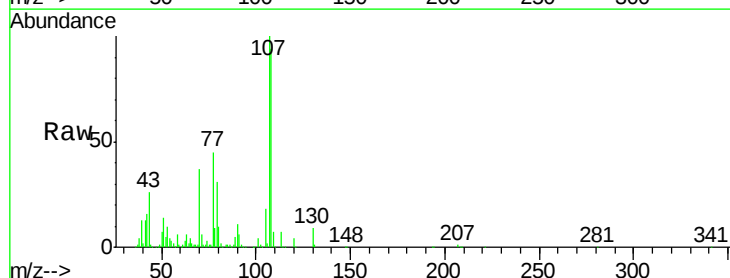
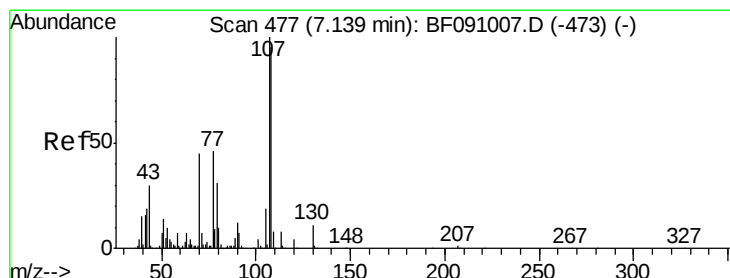
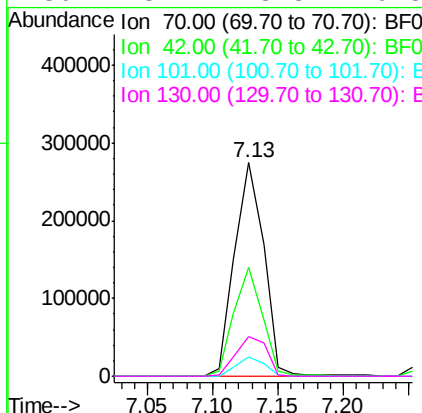
#19
n-Nitroso-di-n-propylamine
Concen: 40.62 ng
RT: 7.13 min Scan# 476
Delta R.T. 0.00 min
Lab File: BF091015.D
Acq: 4 Nov 2016 9:53

Instrument :
BNA_F
ClientSampleId :
PB94512BS

Tgt Ion	Ratio	Lower	Upper
70	100		
42	50.8	41.7	62.5
101	9.0	6.7	10.1
130	18.4	13.8	20.8

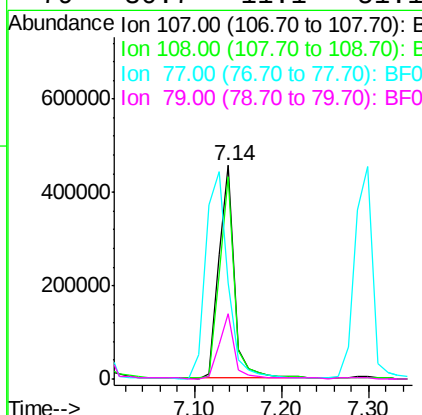
Manual Integrations
APPROVED

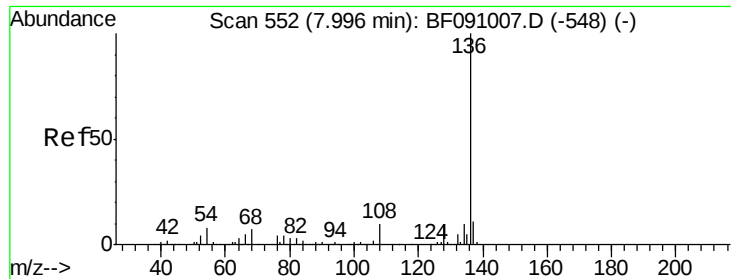
sohil
11/7/2016 4:39:11 PM



#20
3+4-Methylphenols
Concen: 46.06 ng
RT: 7.14 min Scan# 477
Delta R.T. 0.00 min
Lab File: BF091015.D
Acq: 4 Nov 2016 9:53

Tgt Ion	Ratio	Lower	Upper
107	100		
108	94.5	75.5	115.5
77	45.0	26.4	66.4
79	30.7	11.1	51.1





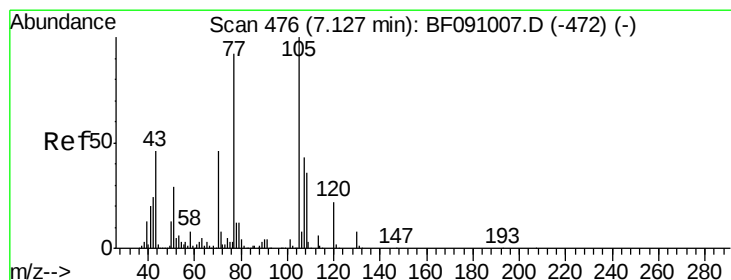
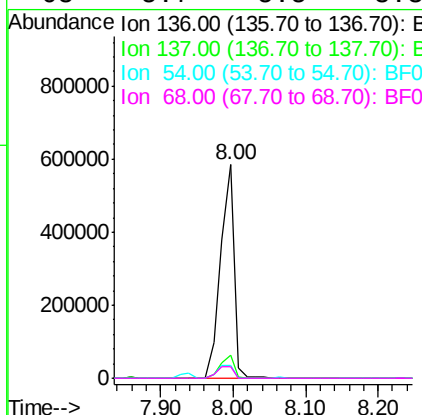
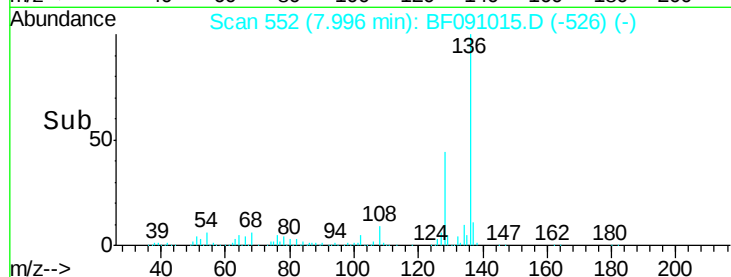
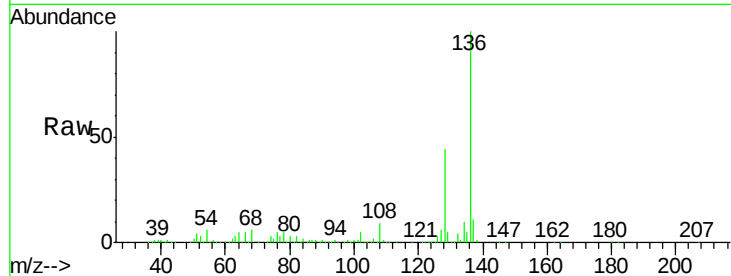
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.00 min Scan# 552
Delta R.T. 0.00 min
Lab File: BF091015.D
Acq: 4 Nov 2016 9:53

Instrument :
BNA_F
ClientSampleId :
PB94512BS

Tgt	Ion	Ratio	Resp	Lower	Upper
136	100		758293		
137	10.8	8.9	13.3		
54	6.0	6.2	9.2#		
68	5.7	5.5	8.3		

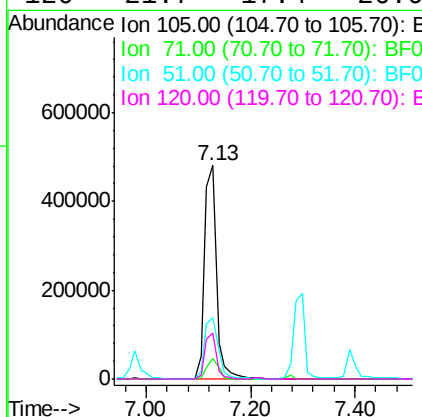
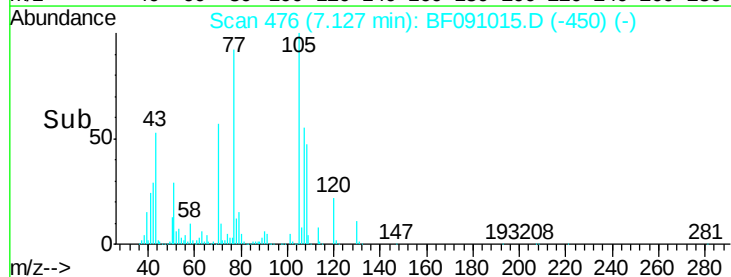
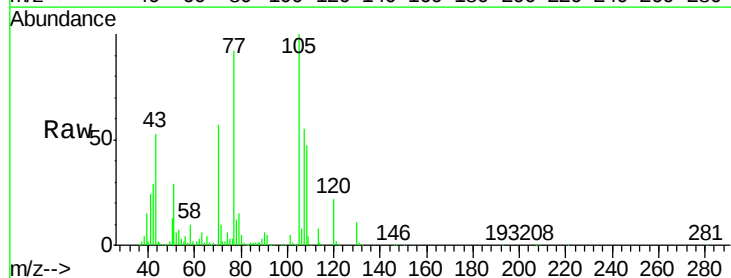
Manual Integrations
APPROVED

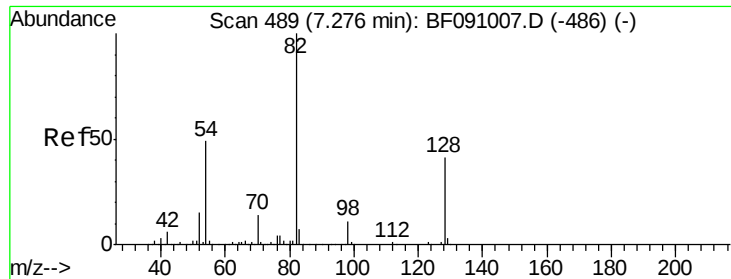
sohil
11/7/2016 4:39:11 PM



#22
Acetophenone
Concen: 44.09 ng
RT: 7.13 min Scan# 476
Delta R.T. 0.00 min
Lab File: BF091015.D
Acq: 4 Nov 2016 9:53

Tgt	Ion	Ratio	Resp	Lower	Upper
105	100		769770		
71	9.7	6.2	9.2#		
51	29.0	23.3	34.9		
120	21.7	17.4	26.0		





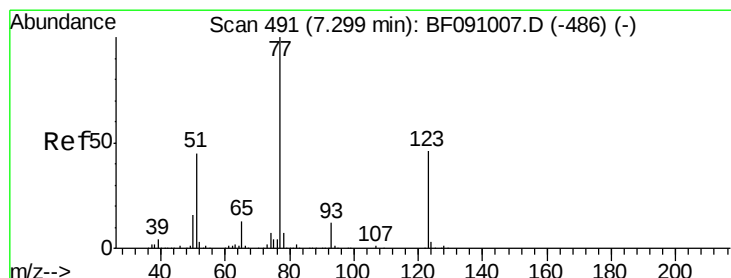
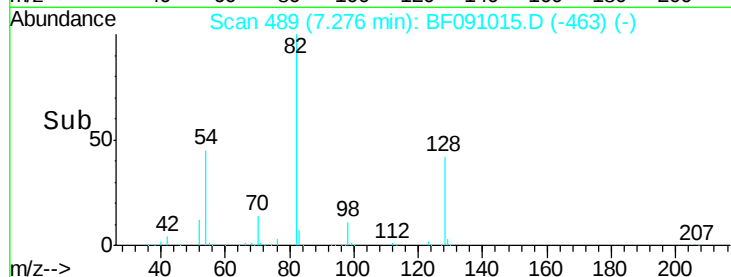
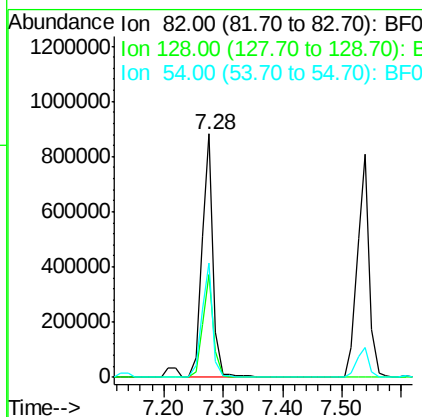
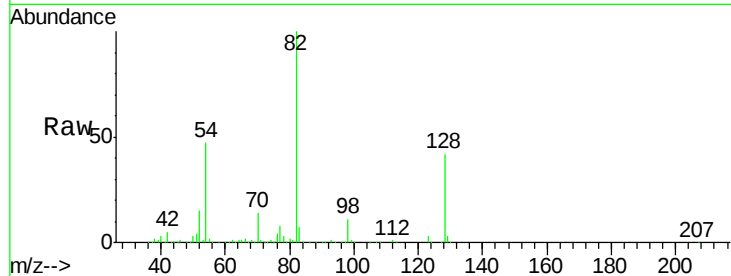
#23
 Nitrobenzene-d5
 Concen: 83.19 ng
 RT: 7.28 min Scan# 489
 Delta R.T. 0.00 min
 Lab File: BF091015.D
 Acq: 4 Nov 2016 9:53

Instrument :
 BNA_F
 ClientSampled :
 PB94512BS

Tgt Ion: 82 Resp: 1156414
 Ion Ratio Lower Upper
 82 100
 128 42.3 32.4 48.6
 54 47.1 39.2 58.8

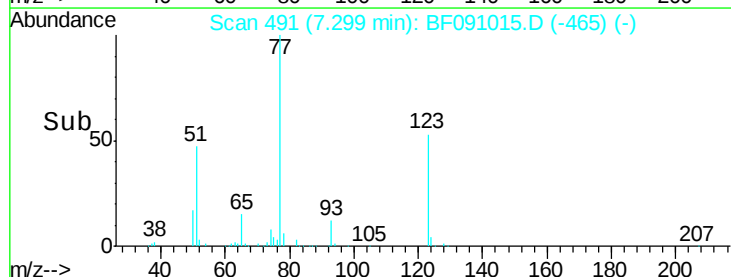
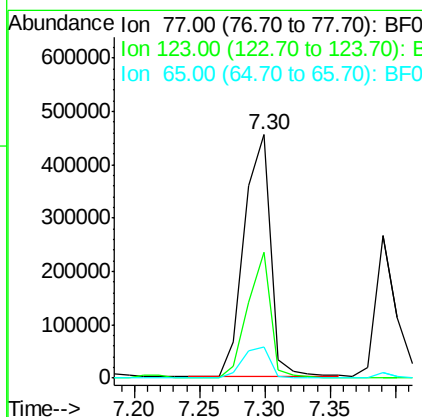
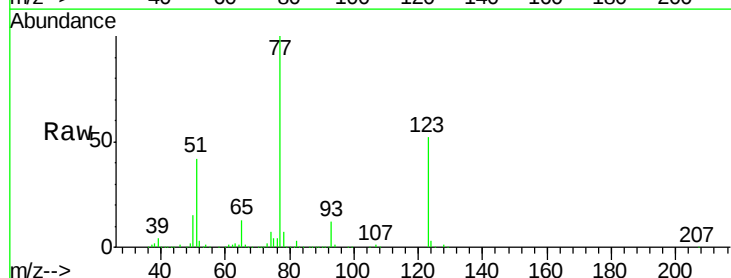
Manual Integrations
 APPROVED

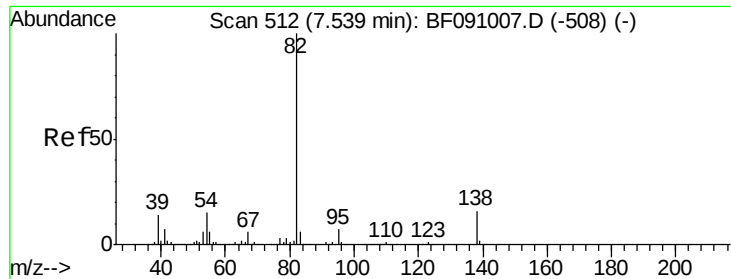
sohil
 11/7/2016 4:39:11 PM



#24
 Nitrobenzene
 Concen: 41.84 ng
 RT: 7.30 min Scan# 491
 Delta R.T. 0.00 min
 Lab File: BF091015.D
 Acq: 4 Nov 2016 9:53

Tgt Ion: 77 Resp: 642274
 Ion Ratio Lower Upper
 77 100
 123 51.6 36.5 54.7
 65 12.7 10.7 16.1





#25

Isophorone

Concen: 41.28 ng

RT: 7.54 min Scan# 512

Delta R.T. 0.00 min

Lab File: BF091015.D

Acq: 4 Nov 2016 9:53

Instrument :

BNA_F

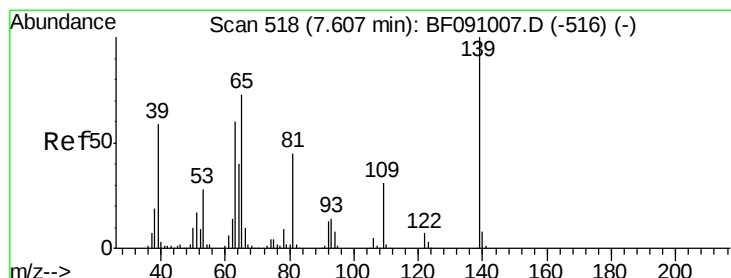
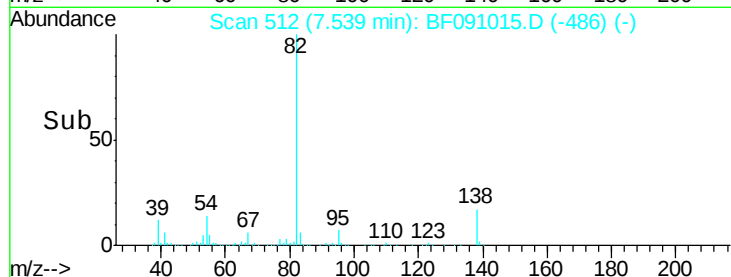
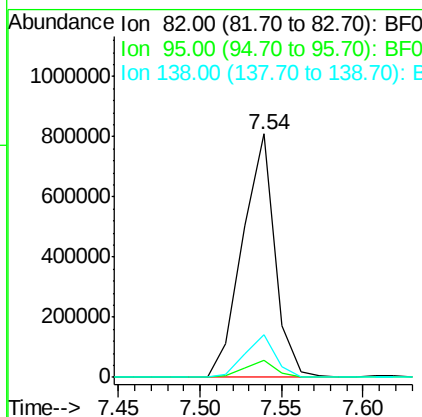
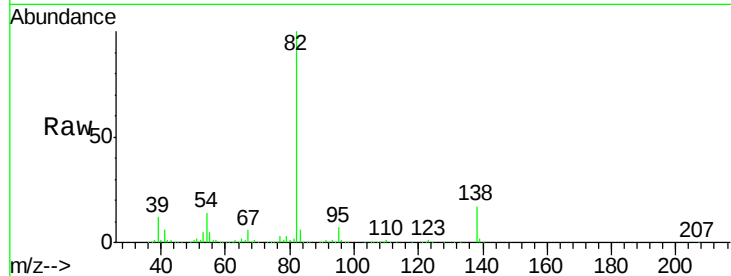
ClientSampled :

PB94512BS

Tgt Ion:	82	Resp:	1105717
Ion	Ratio	Lower	Upper
82	100		
95	6.9	5.4	8.0
138	17.4	13.0	19.4

Manual Integrations
APPROVED

sohil
11/7/2016 4:39:11 PM



#26

2-Nitrophenol

Concen: 42.94 ng

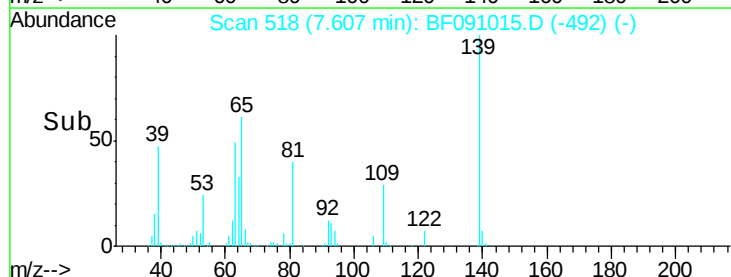
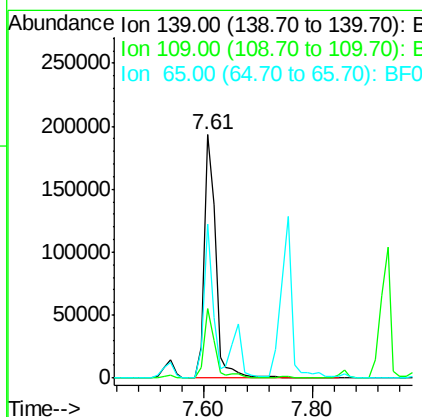
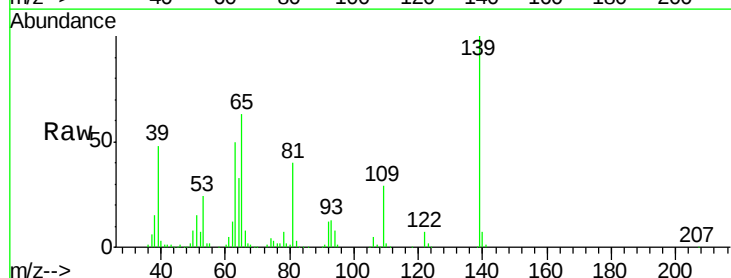
RT: 7.61 min Scan# 518

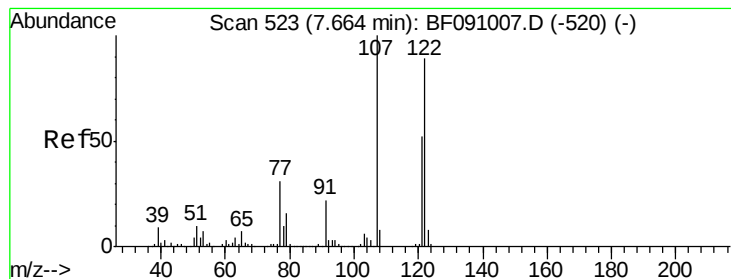
Delta R.T. 0.00 min

Lab File: BF091015.D

Acq: 4 Nov 2016 9:53

Tgt Ion:	139	Resp:	278981
Ion	Ratio	Lower	Upper
139	100		
109	28.7	24.7	37.1
65	63.1	58.3	87.5





#27

2,4-Dimethylphenol

Concen: 49.91 ng

RT: 7.66 min Scan# 523

Delta R.T. 0.00 min

Lab File: BF091015.D

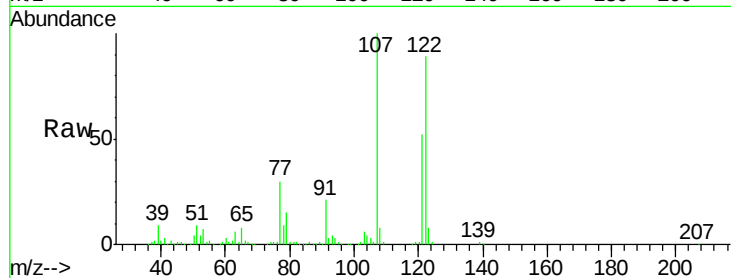
Acq: 4 Nov 2016 9:53

Instrument :

BNA_F

ClientSampleId :

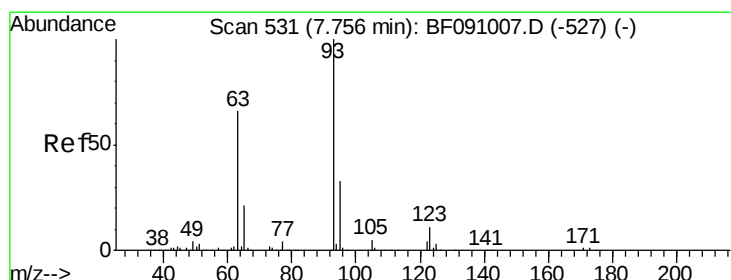
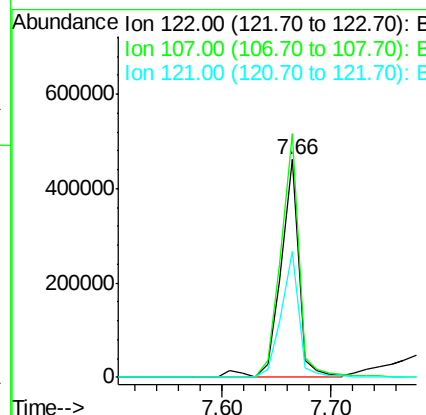
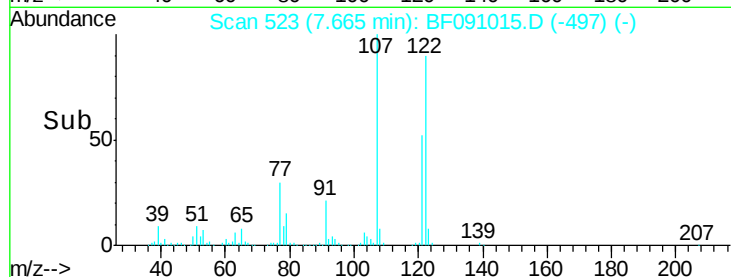
PB94512BS



Tgt Ion:	122	Resp:	536270
Ion	Ratio	Lower	Upper
122	100		
107	111.9	89.6	134.4
121	57.9	46.3	69.5

Manual Integrations
APPROVED

sohil
11/7/2016 4:39:11 PM



#28

bis(2-Chloroethoxy)methane

Concen: 50.99 ng

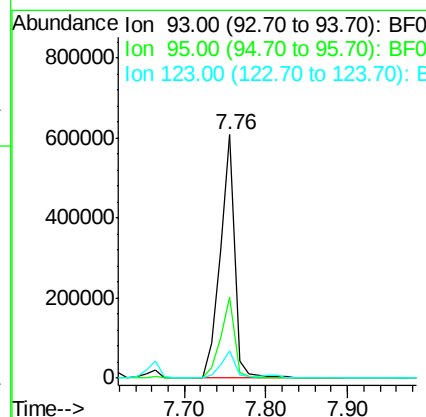
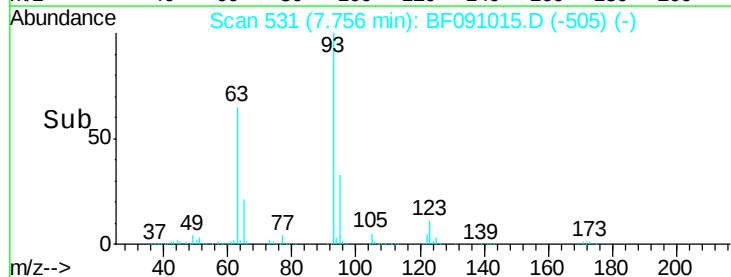
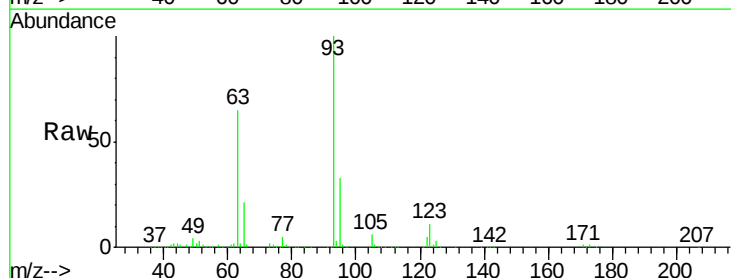
RT: 7.76 min Scan# 531

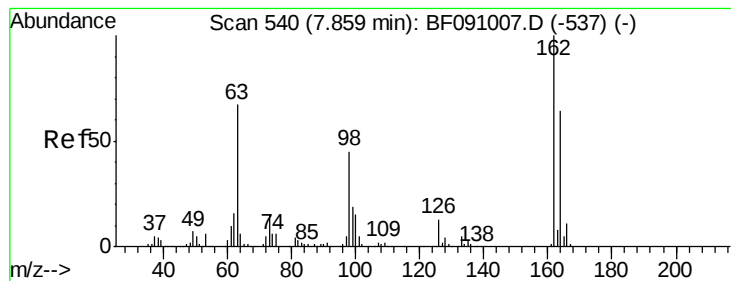
Delta R.T. 0.00 min

Lab File: BF091015.D

Acq: 4 Nov 2016 9:53

Tgt Ion:	93	Resp:	746114
Ion	Ratio	Lower	Upper
93	100		
95	33.1	26.3	39.5
123	11.4	8.7	13.1





#29

2,4-Dichlorophenol

Concen: 47.16 ng

RT: 7.86 min Scan# 540

Delta R.T. 0.00 min

Lab File: BF091015.D

Acq: 4 Nov 2016 9:53

Instrument :

BNA_F

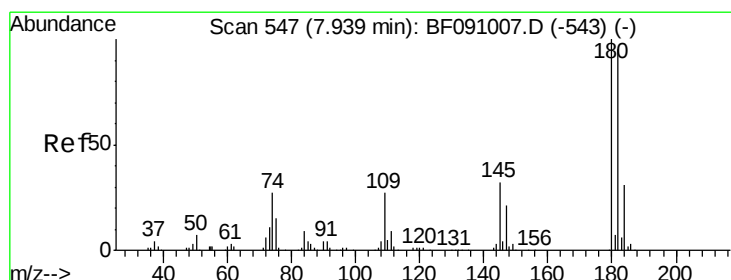
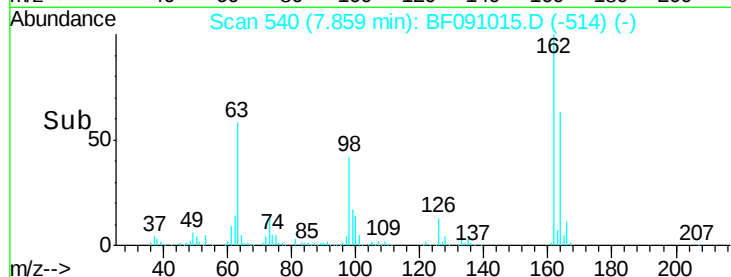
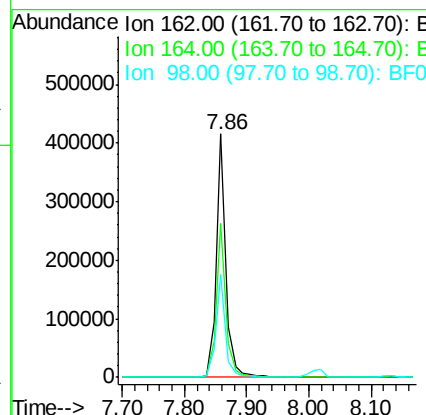
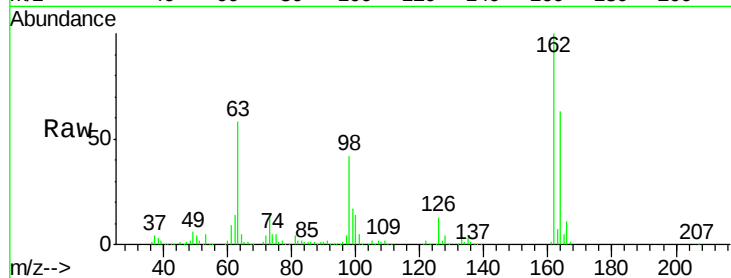
ClientSampleId :

PB94512BS

Tgt Ion:	162	Resp:	442243
Ion Ratio	Lower	Upper	
162	100		
164	63.4	44.4	84.4
98	42.2	25.2	65.2

Manual Integrations
APPROVED

sohil
11/7/2016 4:39:11 PM



#30

1,2,4-Trichlorobenzene

Concen: 45.33 ng

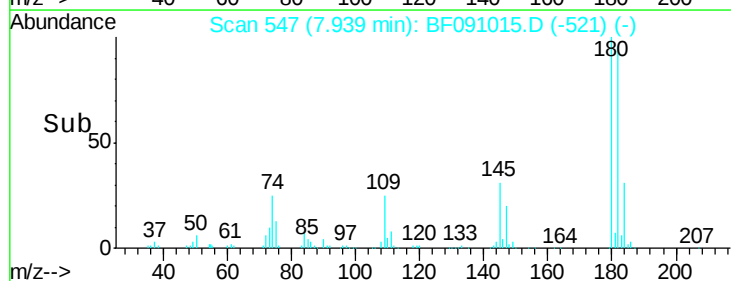
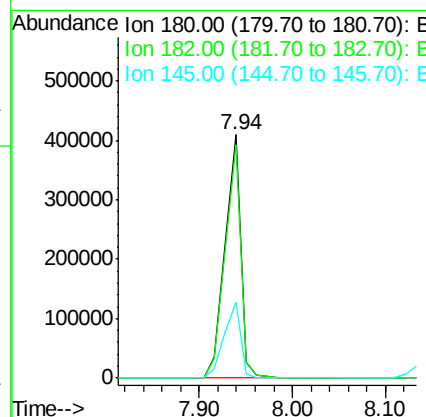
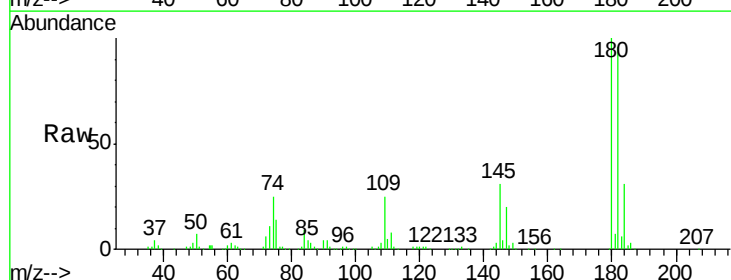
RT: 7.94 min Scan# 547

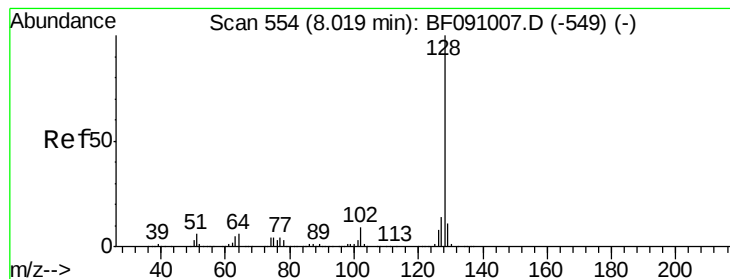
Delta R.T. 0.00 min

Lab File: BF091015.D

Acq: 4 Nov 2016 9:53

Tgt Ion:	180	Resp:	477973
Ion Ratio	Lower	Upper	
180	100		
182	95.7	76.0	114.0
145	31.4	25.8	38.8





#31

Naphthalene

Concen: 41.83 ng

RT: 8.02 min Scan# 554

Delta R.T. 0.00 min

Lab File: BF091015.D

Acq: 4 Nov 2016 9:53

Instrument :

BNA_F

ClientSampled :

PB94512BS

Tgt Ion:128 Resp: 1516778

Ion Ratio Lower Upper

128 100

129 11.2 9.0 13.6

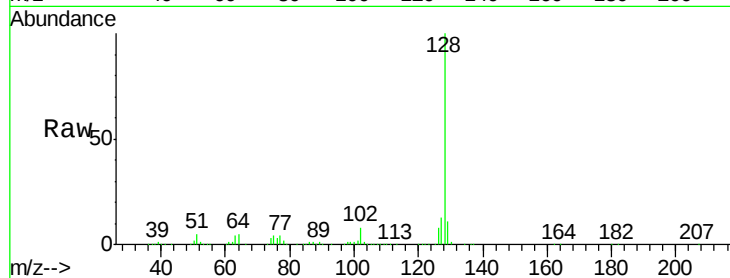
127 13.3 10.9 16.3

Manual Integrations

APPROVED

sohil

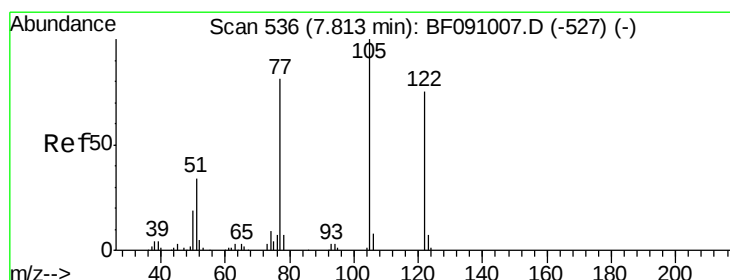
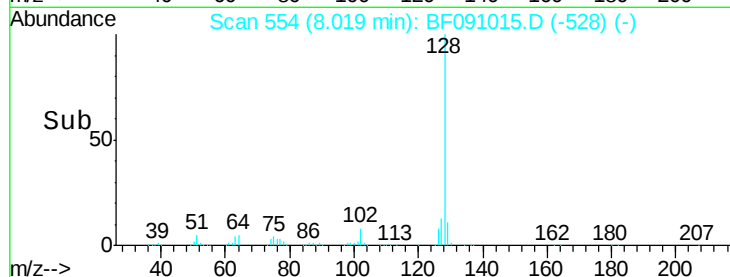
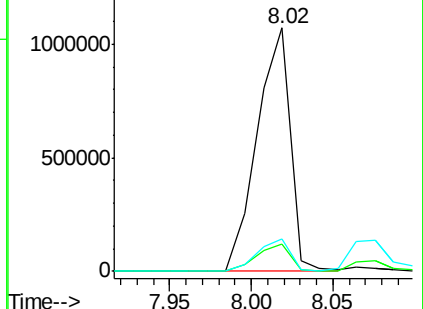
11/7/2016 4:39:11 PM



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: 34.71 ng

RT: 7.81 min Scan# 536

Delta R.T. 0.00 min

Lab File: BF091015.D

Acq: 4 Nov 2016 9:53

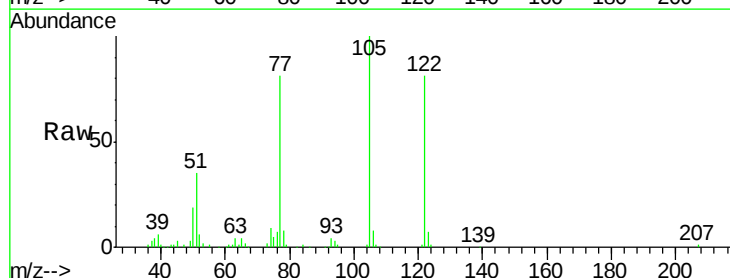
Tgt Ion:122 Resp: 277822

Ion Ratio Lower Upper

122 100

105 123.6 105.9 145.9

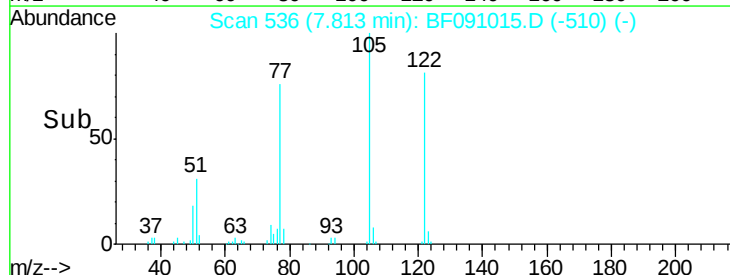
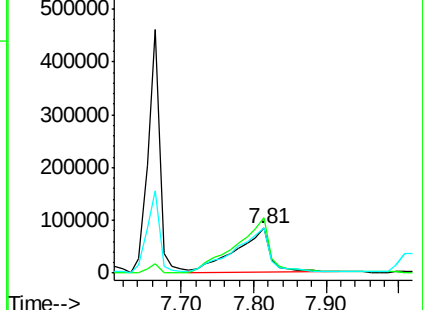
77 100.5 84.0 124.0

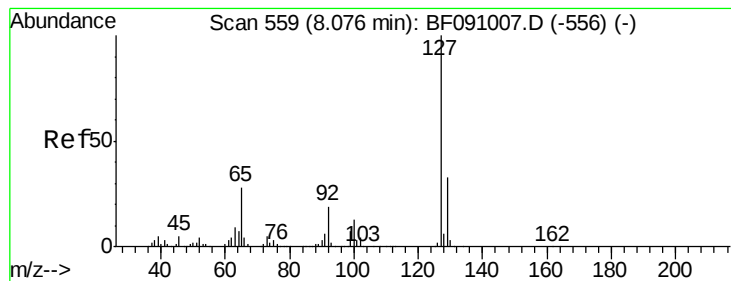


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0





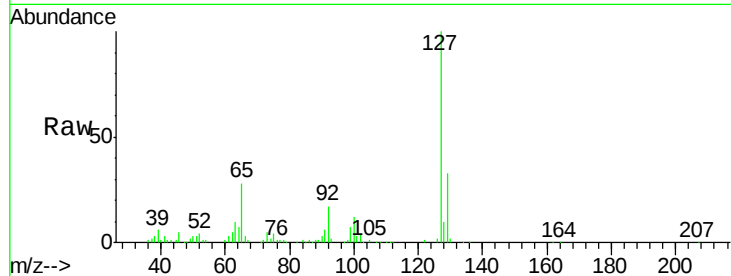
#33
4-Chloroaniline
Concen: 18.30 ng
RT: 8.08 min Scan# 559
Delta R.T. 0.00 min
Lab File: BF091015.D
Acq: 4 Nov 2016 9:53

Instrument :
BNA_F
ClientSampleId :
PB94512BS

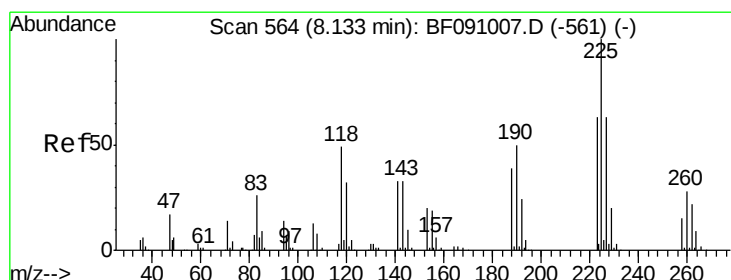
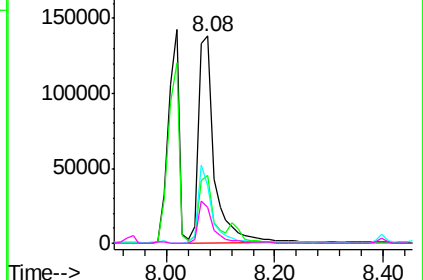
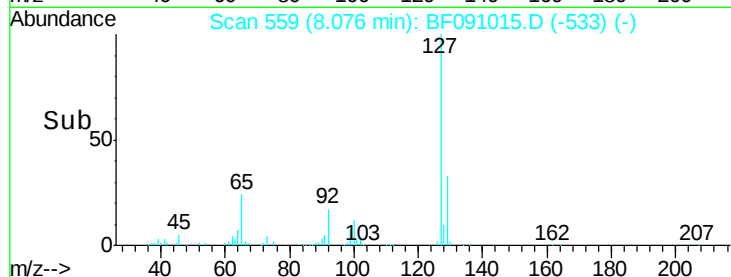
Tgt Ion	Ratio	Resp Lower	Resp Upper
127	100		
129	32.6	26.6	39.8
65	27.6	22.2	33.2
92	17.3	15.0	22.4

Manual Integrations
APPROVED

sohil
11/7/2016 4:39:11 PM

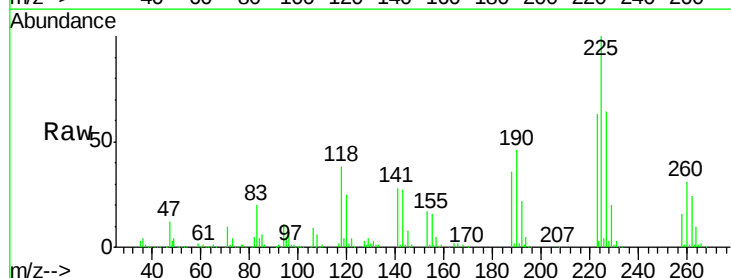


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

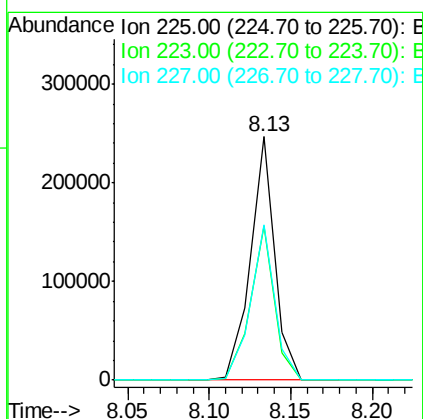
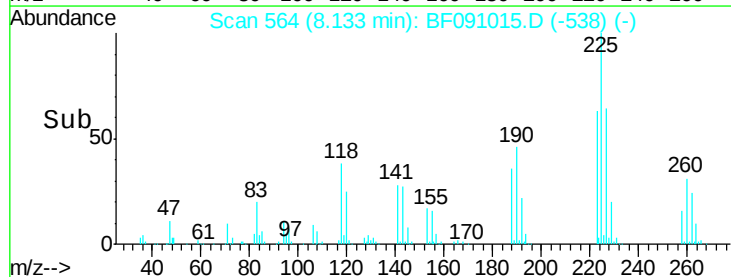


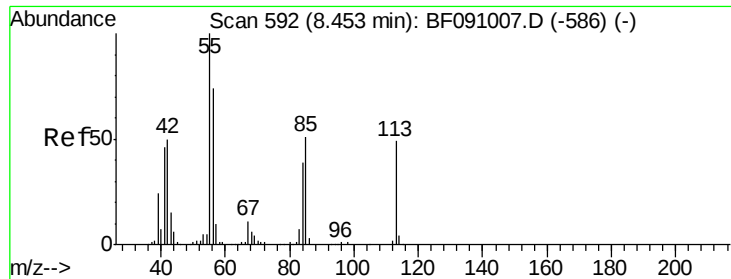
#34
Hexachlorobutadiene
Concen: 44.82 ng
RT: 8.13 min Scan# 564
Delta R.T. 0.00 min
Lab File: BF091015.D
Acq: 4 Nov 2016 9:53

Tgt Ion	Ratio	Resp Lower	Resp Upper
225	100		
223	63.5	50.4	75.6
227	63.6	50.1	75.1



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 55.48 ng m

RT: 8.45 min Scan# 592

Delta R.T. 0.00 min

Lab File: BF091015.D

Acq: 4 Nov 2016 9:53

Instrument :

BNA_F

ClientSampled :

PB94512BS

Tgt Ion:113 Resp: 163450
Ion Ratio Lower Upper

113 100

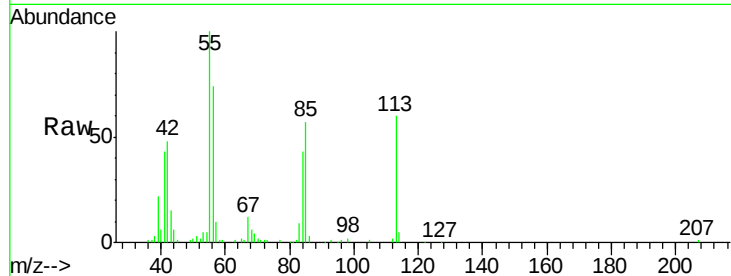
55 166.0 184.1 224.1#

56 123.1 132.0 172.0#

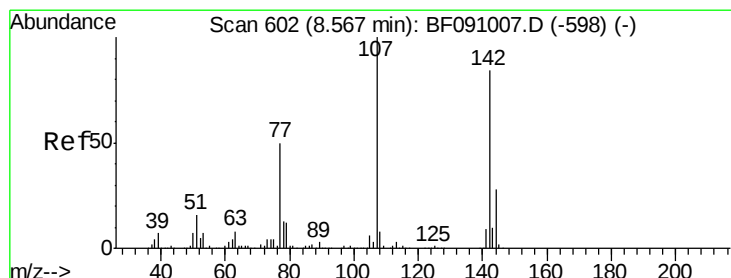
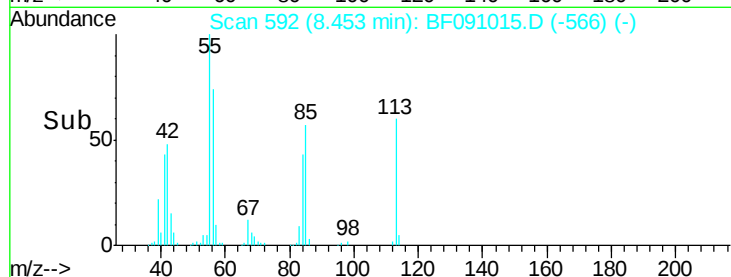
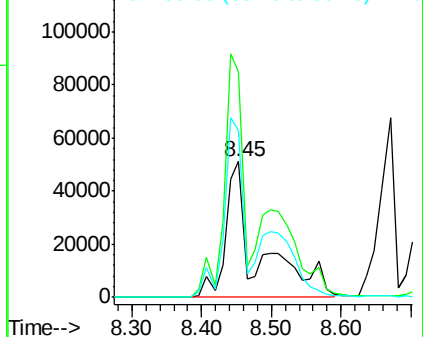
Manual Integrations
APPROVED

sohil

11/7/2016 4:39:11 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: 44.04 ng

RT: 8.57 min Scan# 602

Delta R.T. 0.00 min

Lab File: BF091015.D

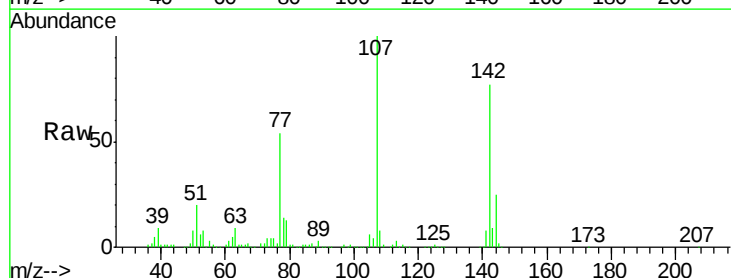
Acq: 4 Nov 2016 9:53

Tgt Ion:107 Resp: 499956
Ion Ratio Lower Upper

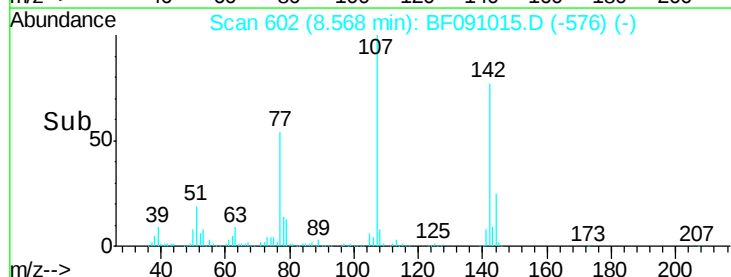
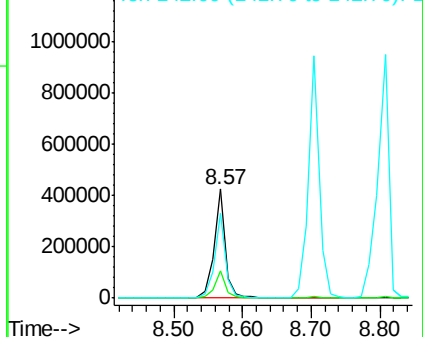
107 100

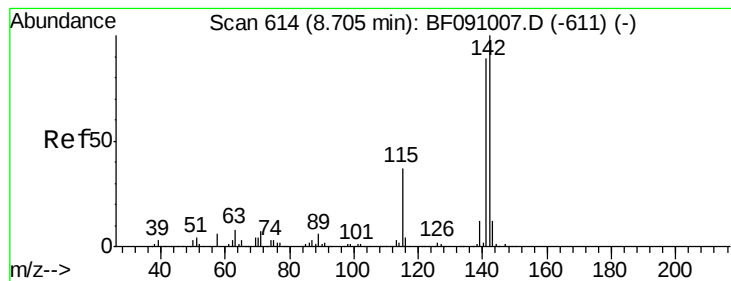
144 24.9 22.5 33.7

142 77.4 67.4 101.2



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





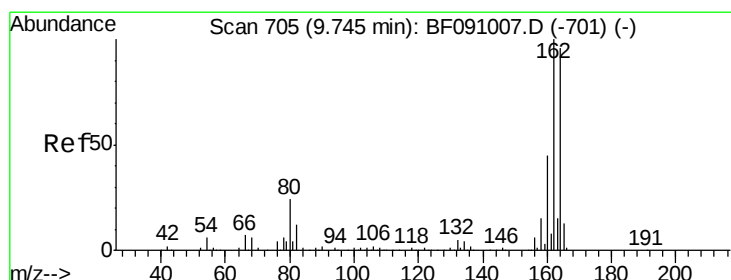
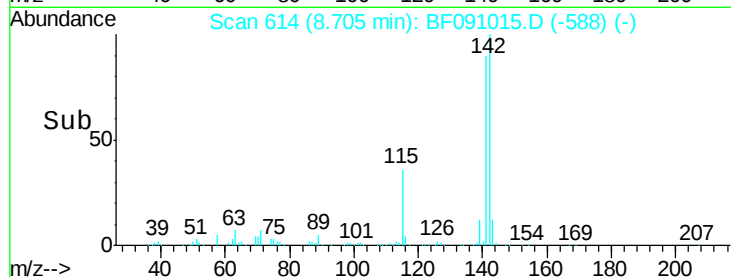
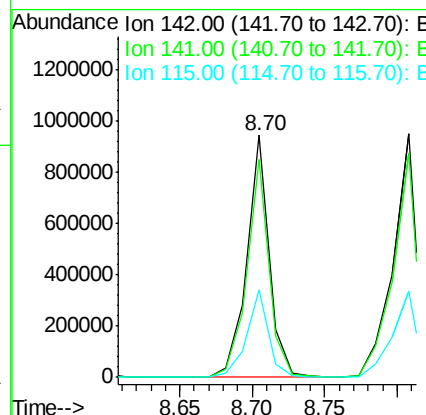
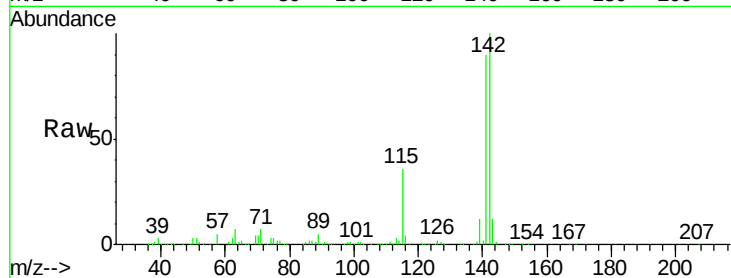
#37
2-Methylnaphthalene
Concen: 43.32 ng
RT: 8.70 min Scan# 614
Delta R.T. 0.00 min
Lab File: BF091015.D
Acq: 4 Nov 2016 9:53

Instrument :
BNA_F
ClientSampleId :
PB94512BS

Tgt Ion:142 Resp: 1009863
Ion Ratio Lower Upper
142 100
141 89.9 71.3 106.9
115 36.4 29.9 44.9

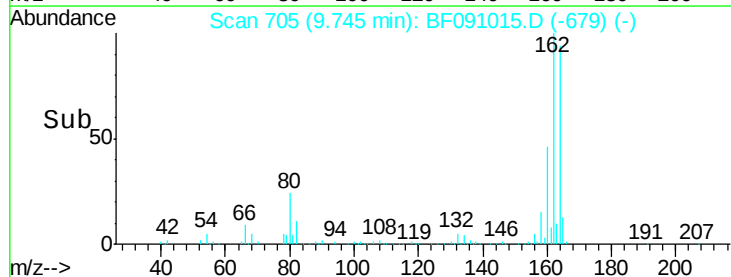
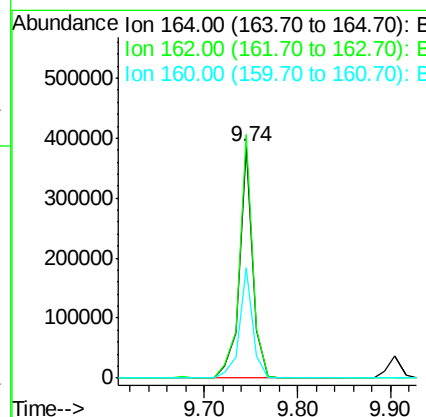
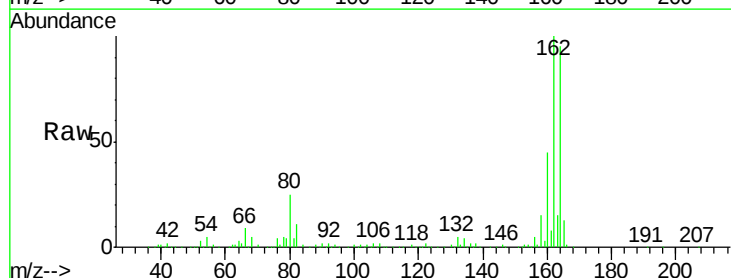
Manual Integrations
APPROVED

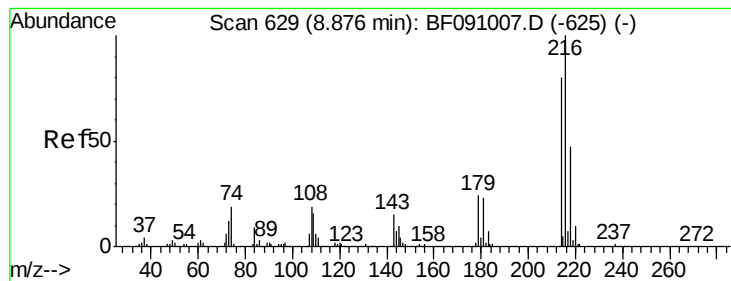
sohil
11/7/2016 4:39:11 PM



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.74 min Scan# 705
Delta R.T. 0.00 min
Lab File: BF091015.D
Acq: 4 Nov 2016 9:53

Tgt Ion:164 Resp: 388808
Ion Ratio Lower Upper
164 100
162 105.3 83.6 125.4
160 47.9 37.9 56.9





#39

1,2,4,5-Tetrachlorobenzene

Concen: 49.36 ng

RT: 8.88 min Scan# 629

Delta R.T. 0.00 min

Lab File: BF091015.D

Acq: 4 Nov 2016 9:53

Instrument :

BNA_F

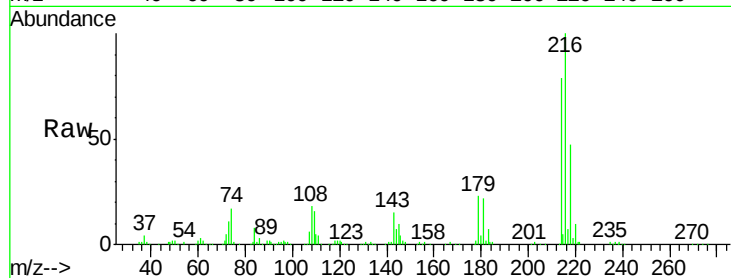
ClientSampleId :

PB94512BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
216	100		
214	79.4	63.5	95.3
179	22.8	19.1	28.7
108	22.9	17.5	26.3

Manual Integrations
APPROVED

sohil
11/7/2016 4:39:11 PM

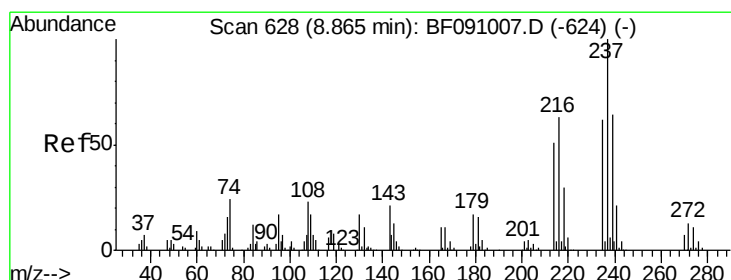
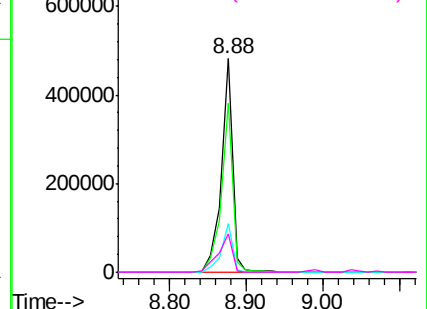
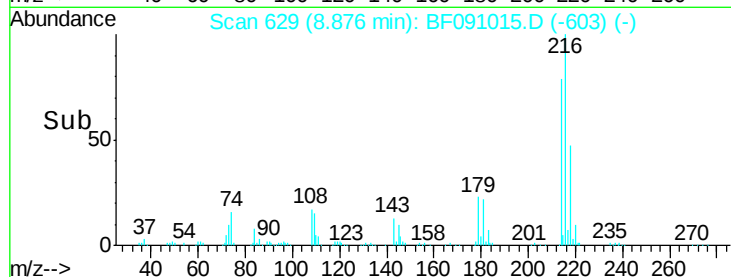


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 112.81 ng

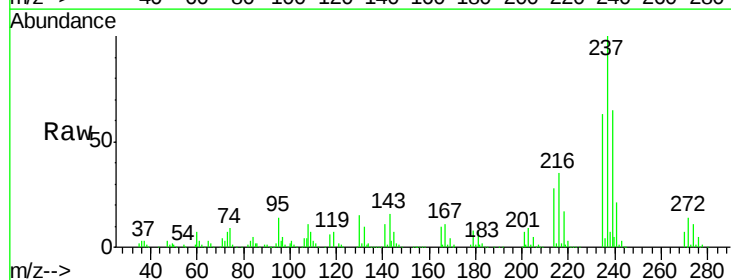
RT: 8.86 min Scan# 628

Delta R.T. 0.00 min

Lab File: BF091015.D

Acq: 4 Nov 2016 9:53

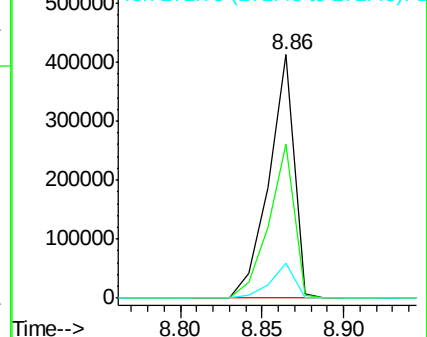
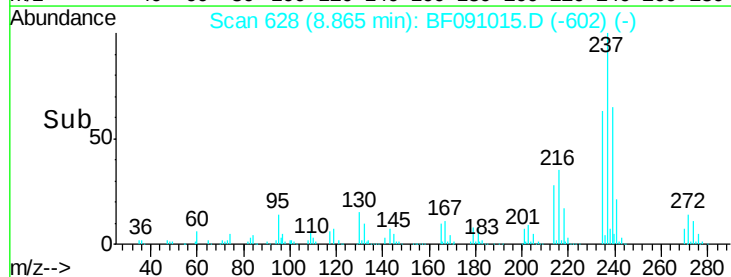
Tgt Ion	Ratio	Resp Lower	Resp Upper
237	100		
235	63.4	42.1	82.1
272	14.1	0.0	33.1

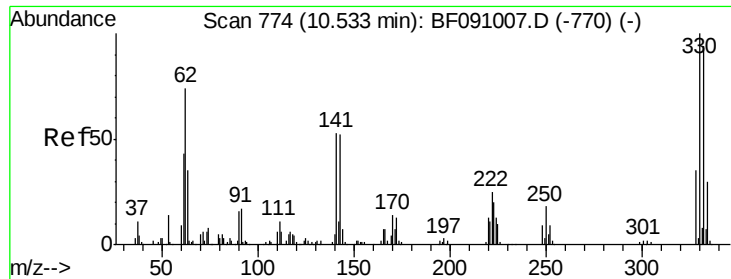


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E





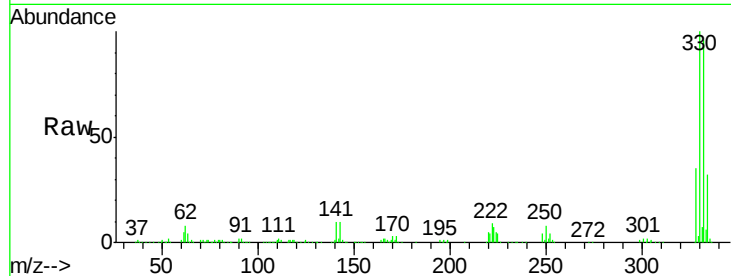
#41
 2,4,6-Tribromophenol
 Concen: 147.65 ng
 RT: 10.54 min Scan# 775
 Delta R.T. 0.01 min
 Lab File: BF091015.D
 Acq: 4 Nov 2016 9:53

Instrument :
 BNA_F
 ClientSampleId :
 PB94512BS

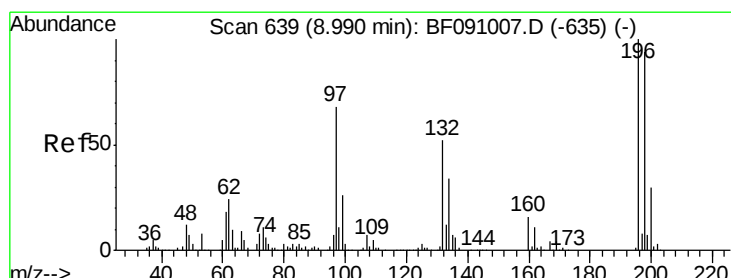
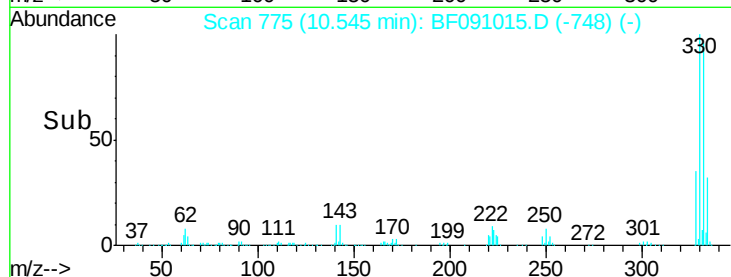
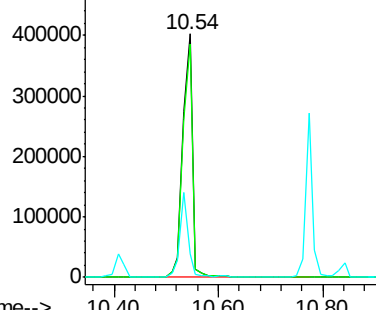
Tgt Ion: 330 Resp: 518994
 Ion Ratio Lower Upper
 330 100
 332 96.0 75.9 113.9
 141 29.9 36.1 54.1#

Manual Integrations
 APPROVED

sohil
 11/7/2016 4:39:11 PM



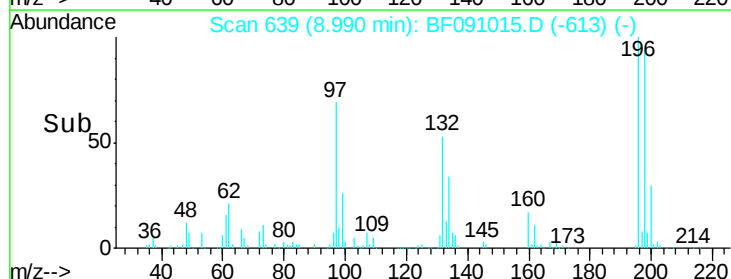
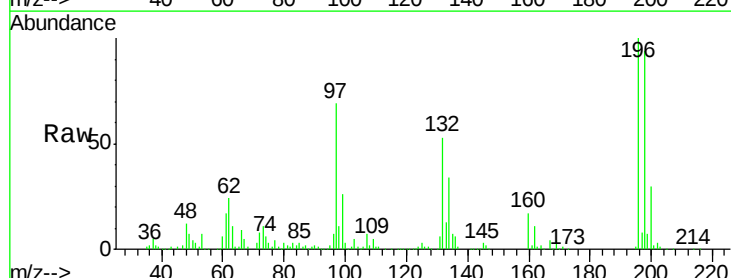
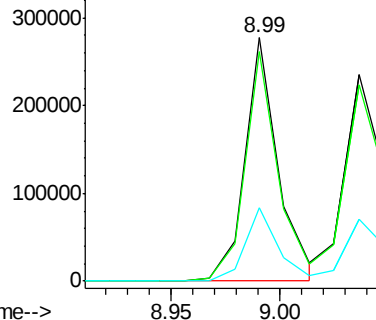
Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

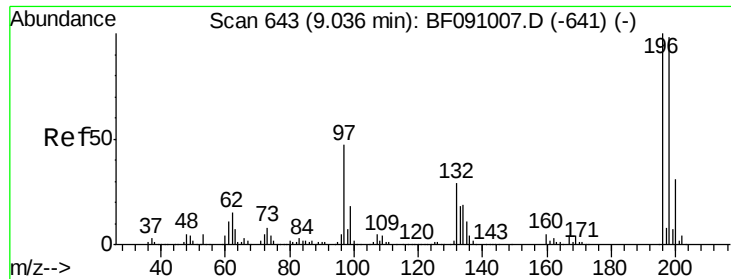


#42
 2,4,6-Trichlorophenol
 Concen: 46.46 ng
 RT: 8.99 min Scan# 639
 Delta R.T. 0.00 min
 Lab File: BF091015.D
 Acq: 4 Nov 2016 9:53

Tgt Ion: 196 Resp: 297303
 Ion Ratio Lower Upper
 196 100
 198 94.2 75.4 113.0
 200 30.1 24.1 36.1

Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E





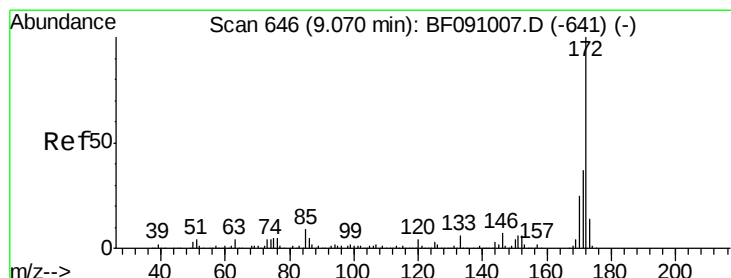
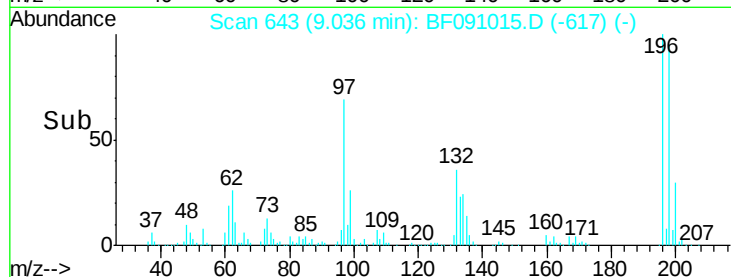
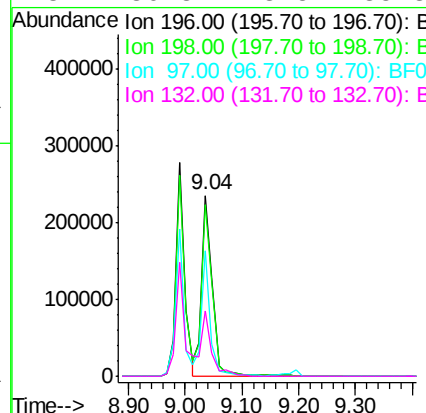
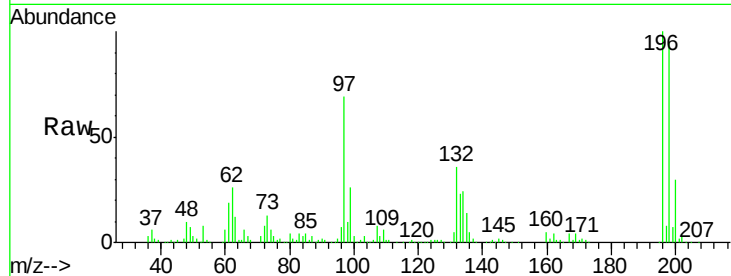
#43
2,4,5-Trichlorophenol
Concen: 45.06 ng
RT: 9.04 min Scan# 643
Delta R.T. 0.00 min
Lab File: BF091015.D
Acq: 4 Nov 2016 9:53

Instrument :
BNA_F
ClientSampleId :
PB94512BS

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	302760		
198	95.2	78.2	117.4	
97	69.1	38.8	58.2	
132	36.3	23.5	35.3	

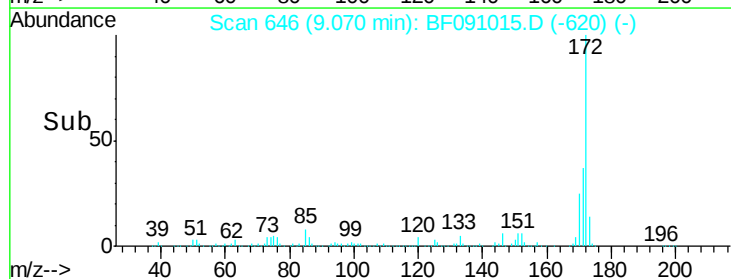
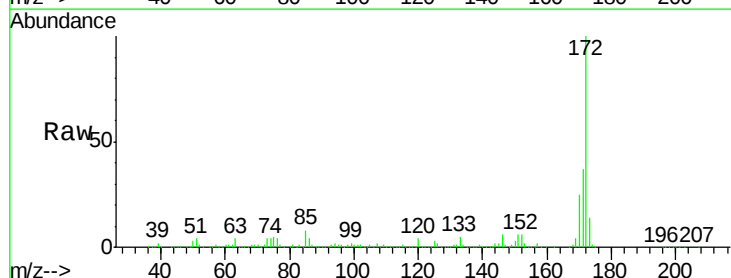
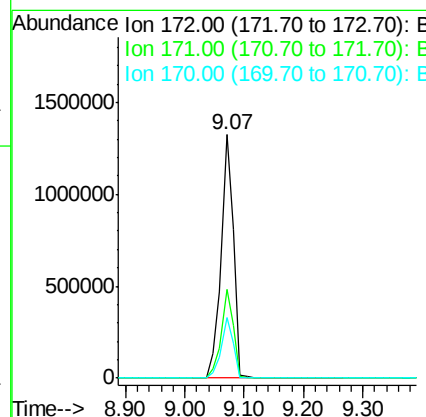
Manual Integrations
APPROVED

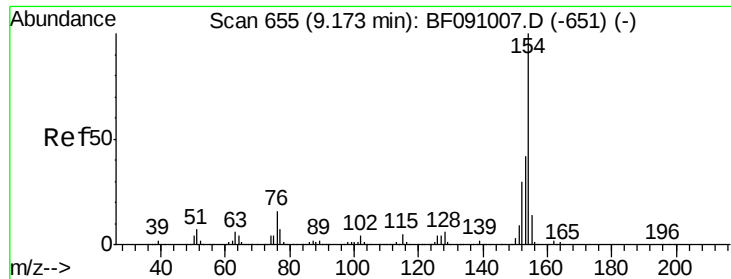
sohil
11/7/2016 4:39:11 PM



#44
2-Fluorobiphenyl
Concen: 84.41 ng
RT: 9.07 min Scan# 646
Delta R.T. 0.00 min
Lab File: BF091015.D
Acq: 4 Nov 2016 9:53

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1906206		
171	36.6	29.8	44.6	
170	25.0	20.3	30.5	





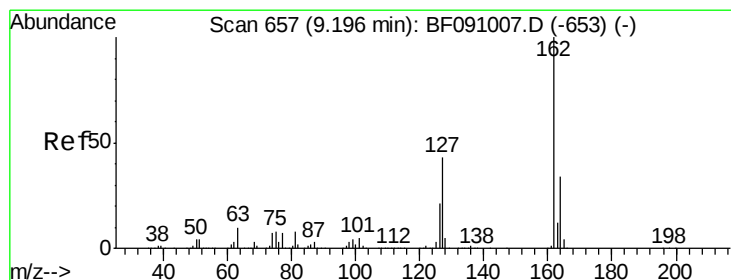
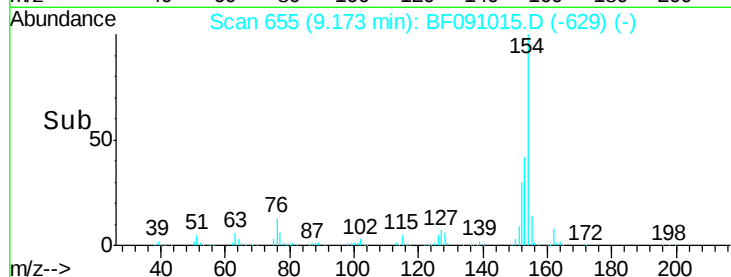
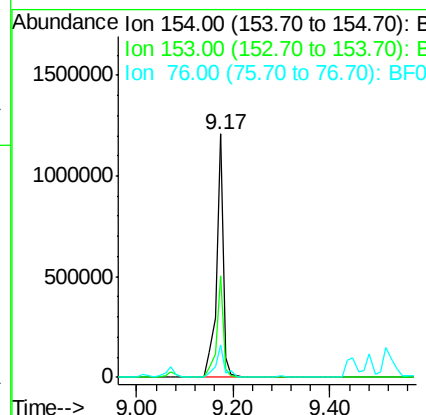
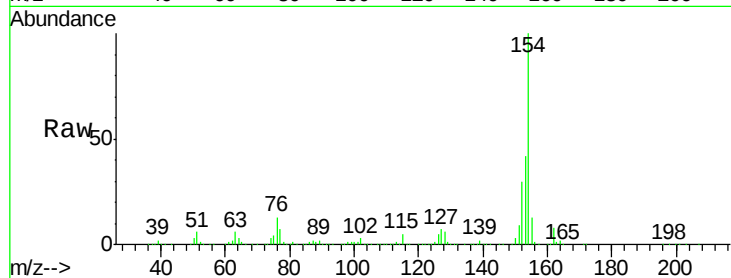
#45
 1,1'-Biphenyl
 Concen: 42.74 ng
 RT: 9.17 min Scan# 655
 Delta R.T. 0.00 min
 Lab File: BF091015.D
 Acq: 4 Nov 2016 9:53

Instrument :
 BNA_F
 ClientSampleId :
 PB94512BS

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.9	21.6	61.6
76	13.4	0.0	36.2

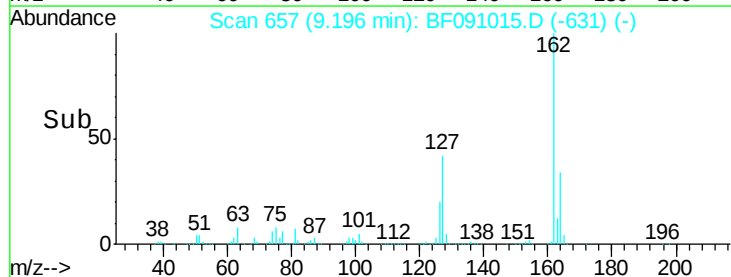
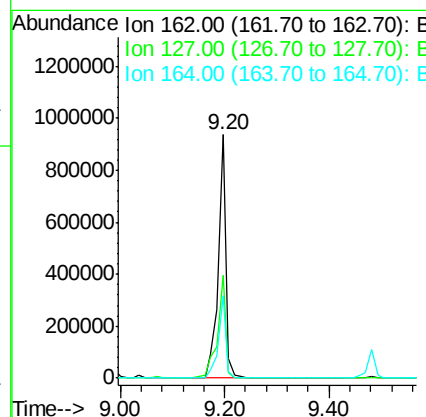
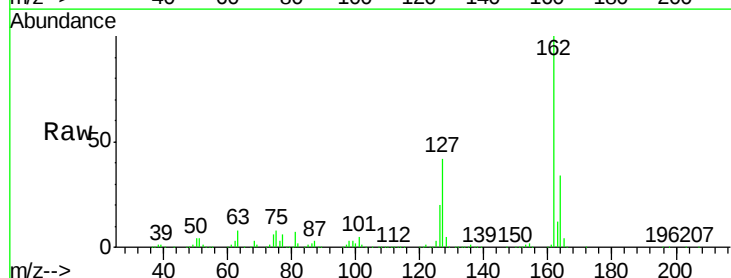
Manual Integrations
 APPROVED

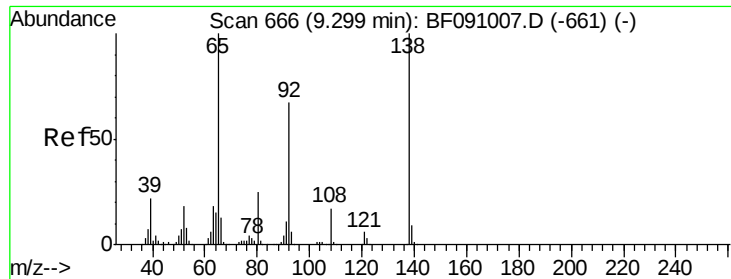
sohil
 11/7/2016 4:39:11 PM



#46
 2-Chloronaphthalene
 Concen: 44.66 ng
 RT: 9.20 min Scan# 657
 Delta R.T. 0.00 min
 Lab File: BF091015.D
 Acq: 4 Nov 2016 9:53

Tgt Ion	Ratio	Lower	Upper
162	100		
127	42.0	34.7	52.1
164	33.7	27.0	40.4





#47

2-Nitroaniline

Concen: 39.42 ng

RT: 9.30 min Scan# 666

Delta R.T. 0.00 min

Lab File: BF091015.D

Acq: 4 Nov 2016 9:53

Instrument :

BNA_F

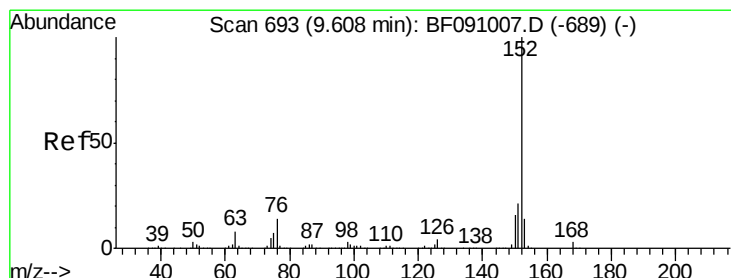
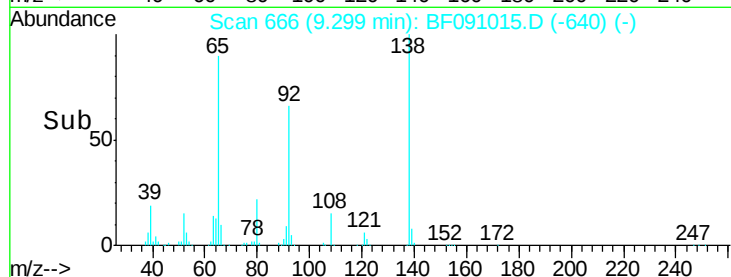
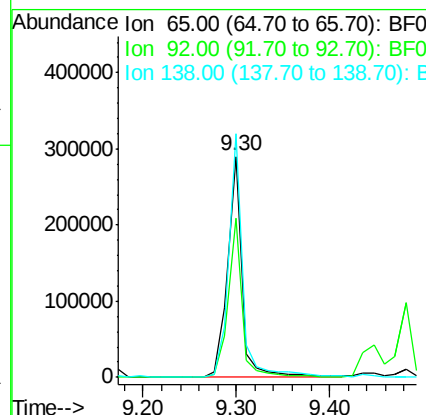
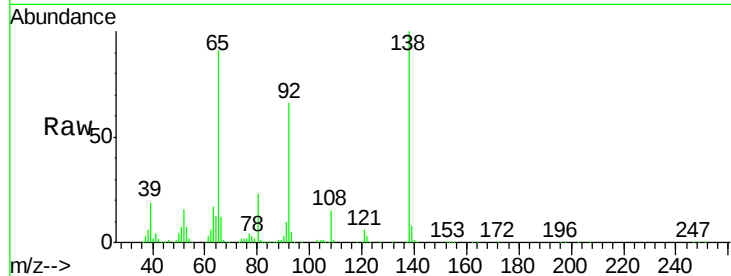
ClientSampleId :

PB94512BS

Tgt Ion	Ratio	Lower	Upper
65	100		
92	72.2	53.9	80.9
138	110.1	80.1	120.1

Manual Integrations
APPROVED

sohil
11/7/2016 4:39:11 PM



#48

Acenaphthylene

Concen: 40.75 ng

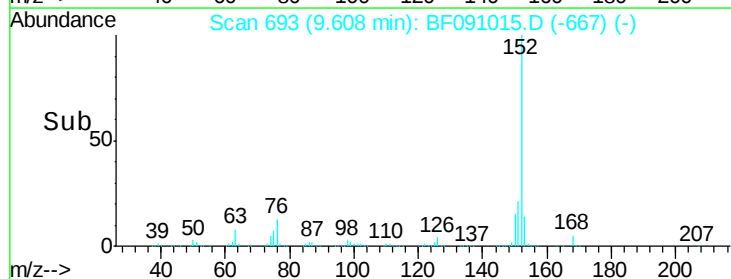
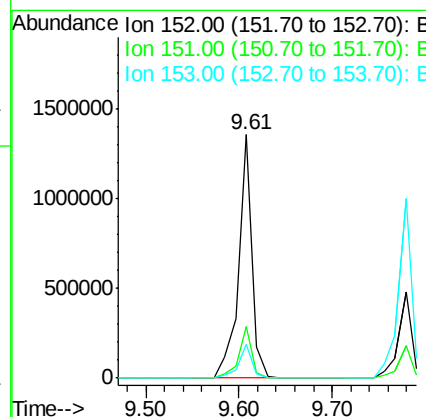
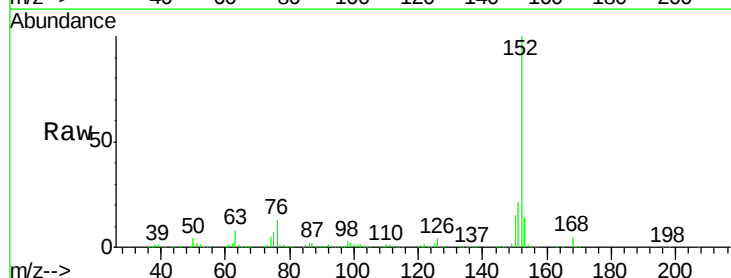
RT: 9.61 min Scan# 693

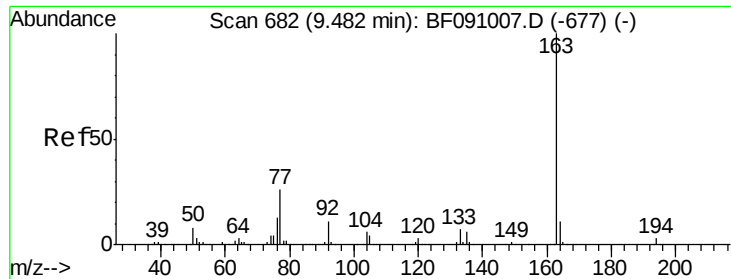
Delta R.T. 0.00 min

Lab File: BF091015.D

Acq: 4 Nov 2016 9:53

Tgt Ion	Ratio	Lower	Upper
152	100		
151	21.0	16.7	25.1
153	13.9	11.1	16.7





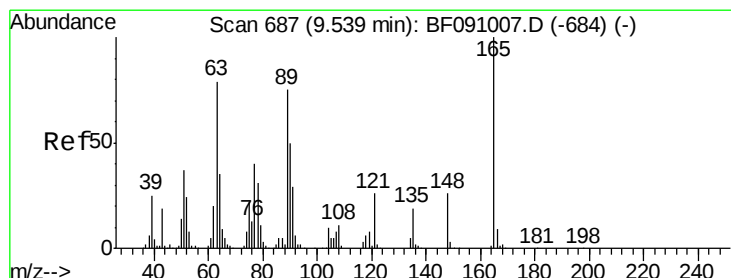
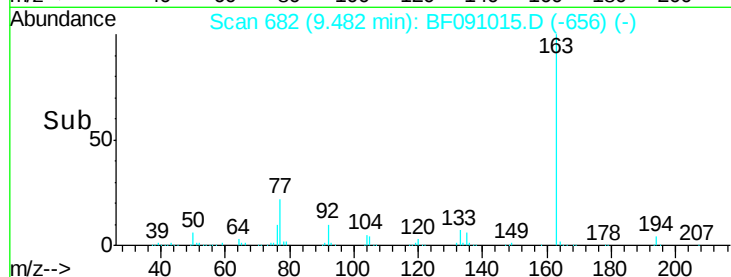
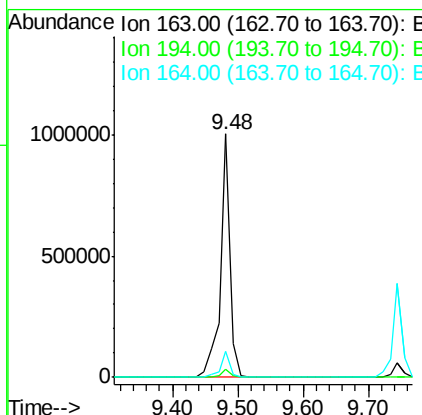
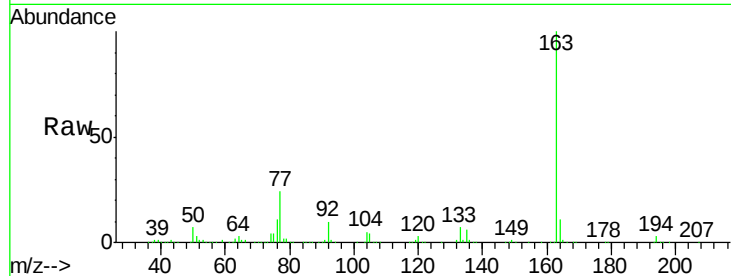
#49
Dimethylphthalate
Concen: 41.09 ng
RT: 9.48 min Scan# 682
Delta R.T. 0.00 min
Lab File: BF091015.D
Acq: 4 Nov 2016 9:53

Instrument :
BNA_F
ClientSampled :
PB94512BS

Tgt Ion:163 Resp: 1047604
Ion Ratio Lower Upper
163 100
194 3.4 2.6 4.0
164 10.7 8.7 13.1

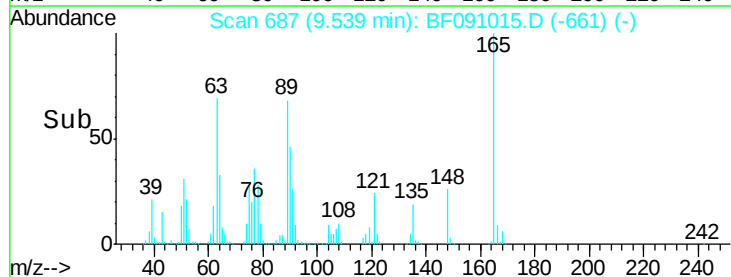
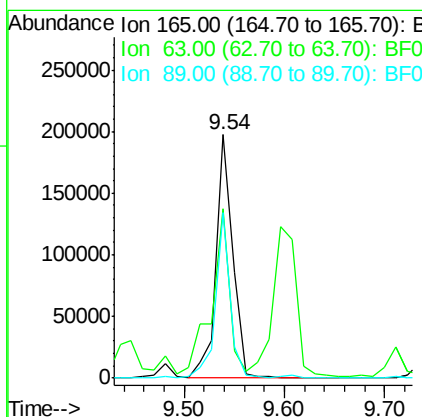
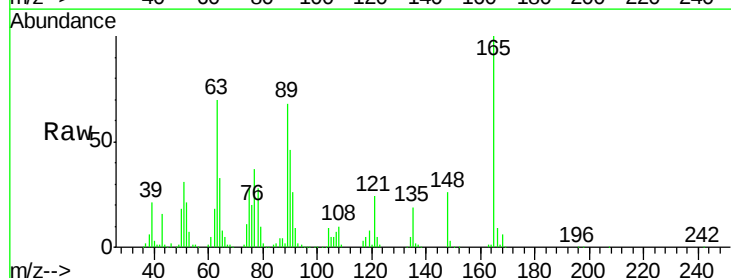
Manual Integrations
APPROVED

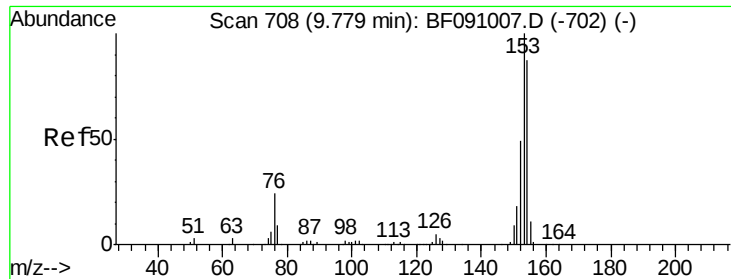
sohil
11/7/2016 4:39:11 PM



#50
2,6-Dinitrotoluene
Concen: 42.01 ng
RT: 9.54 min Scan# 687
Delta R.T. 0.00 min
Lab File: BF091015.D
Acq: 4 Nov 2016 9:53

Tgt Ion:165 Resp: 229539
Ion Ratio Lower Upper
165 100
63 69.7 65.6 98.4
89 67.8 59.8 89.6





#51

Acenaphthene

Concen: 40.71 ng

RT: 9.78 min Scan# 708

Delta R.T. 0.00 min

Lab File: BF091015.D

Acq: 4 Nov 2016 9:53

Instrument :

BNA_F

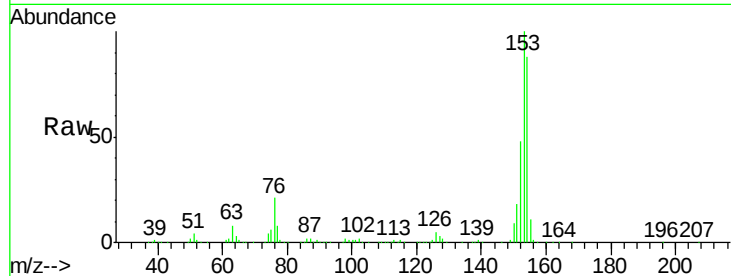
ClientSampled :

PB94512BS

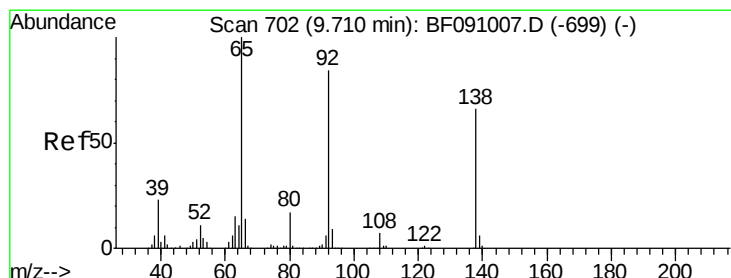
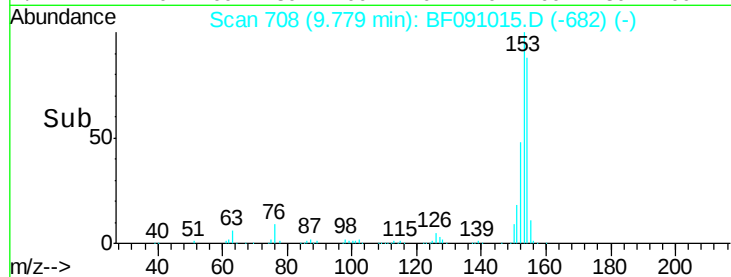
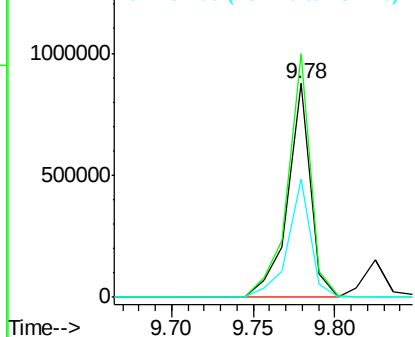
Tgt Ion:	154	Resp:	858507
Ion Ratio	Lower	Upper	
154	100		
153	114.0	91.6	137.4
152	55.0	44.6	67.0

Manual Integrations
APPROVED

sohil
11/7/2016 4:39:11 PM



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



#52

3-Nitroaniline

Concen: 25.06 ng

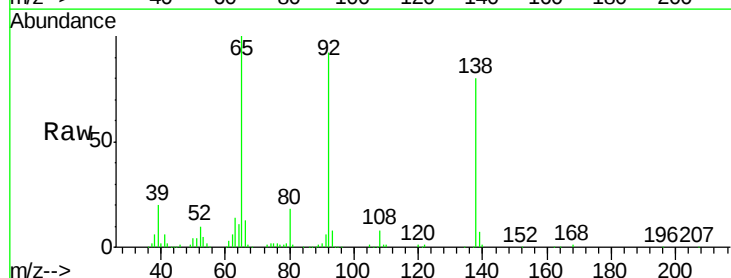
RT: 9.71 min Scan# 702

Delta R.T. 0.00 min

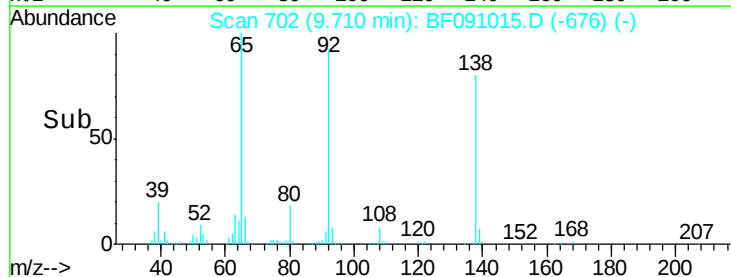
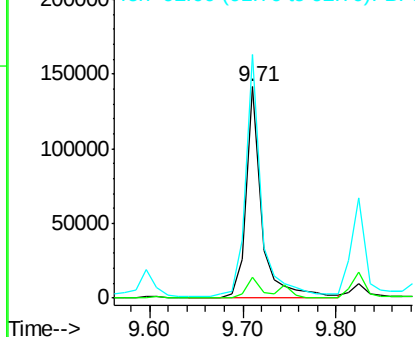
Lab File: BF091015.D

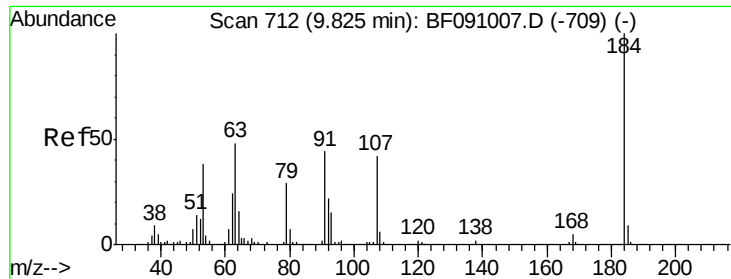
Acq: 4 Nov 2016 9:53

Tgt Ion:	138	Resp:	162371
Ion Ratio	Lower	Upper	
138	100		
108	9.7	8.4	12.6
92	115.1	101.1	151.7



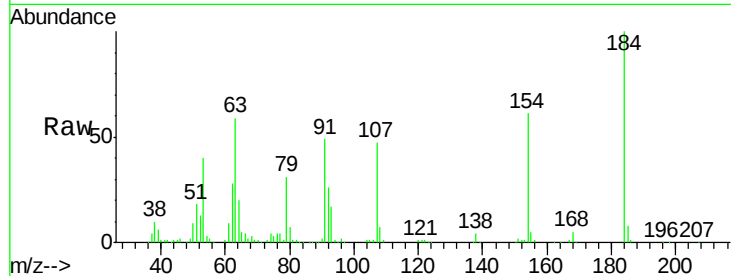
Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF0





#53
2,4-Dinitrophenol
Concen: 91.75 ng
RT: 9.82 min Scan# 712
Delta R.T. 0.00 min
Lab File: BF091015.D
Acq: 4 Nov 2016 9:53

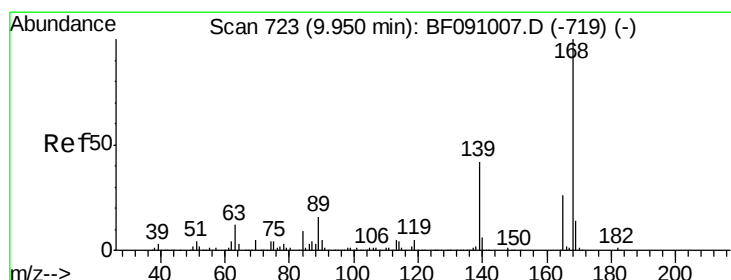
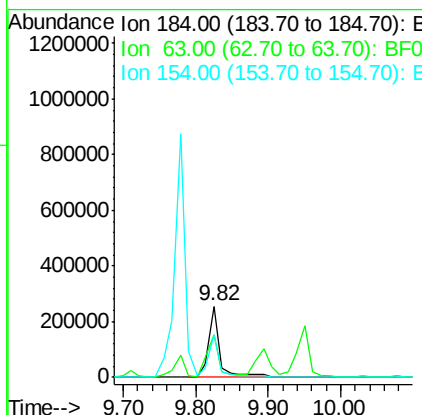
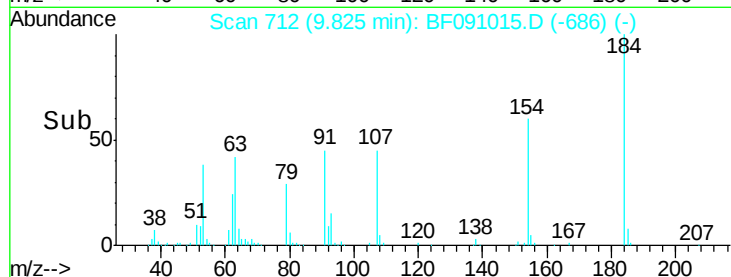
Instrument :
BNA_F
ClientSampled :
PB94512BS



Tgt Ion	Ratio	Resp	Lower	Upper
184	100	276021		
63	59.4	45.5	68.3	
154	60.5	51.0	76.4	

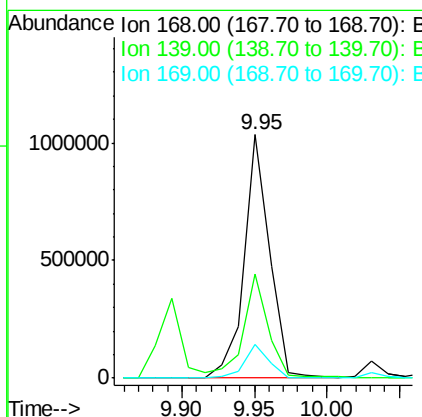
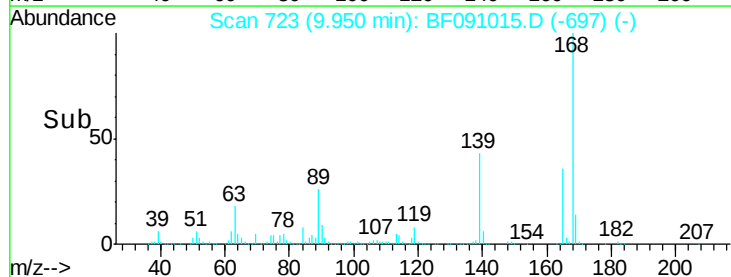
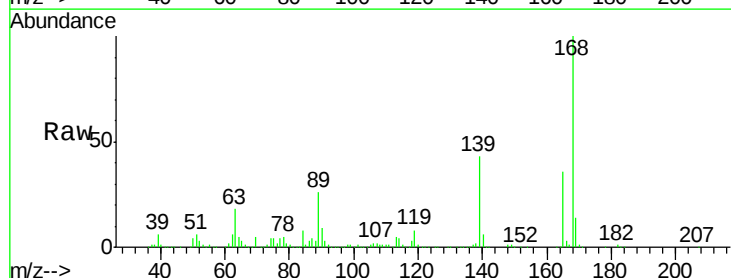
Manual Integrations
APPROVED

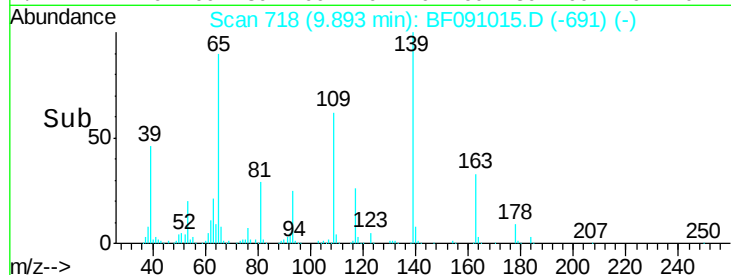
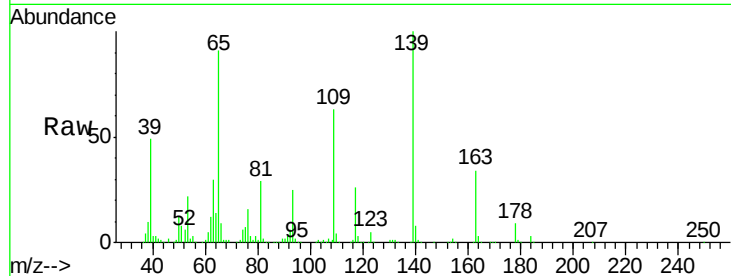
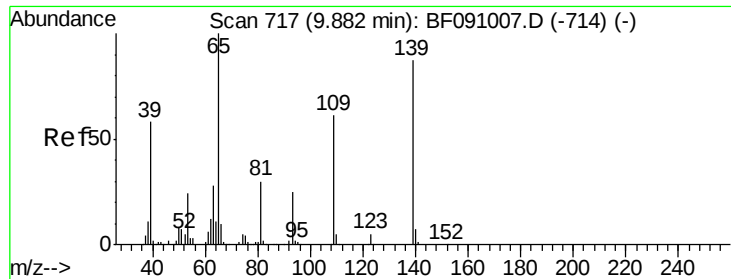
sohil
11/7/2016 4:39:11 PM



#54
Dibenzofuran
Concen: 44.13 ng
RT: 9.95 min Scan# 723
Delta R.T. 0.00 min
Lab File: BF091015.D
Acq: 4 Nov 2016 9:53

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	1252755		
139	42.8	34.8	52.2	
169	14.1	11.4	17.2	





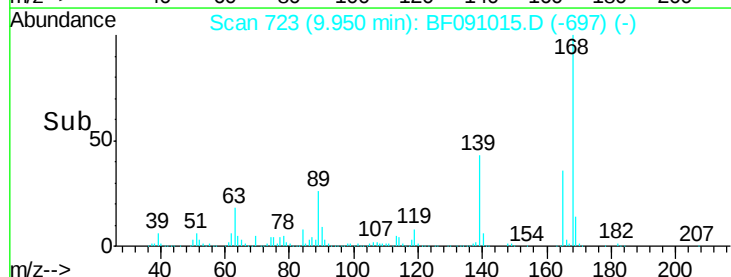
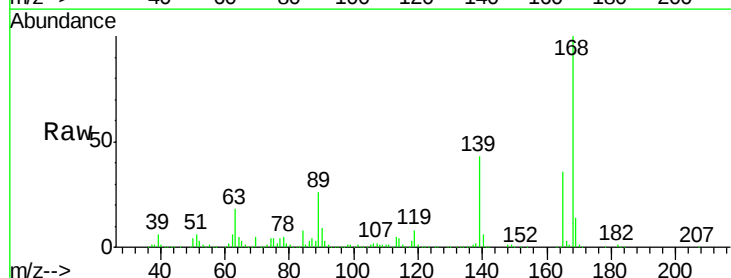
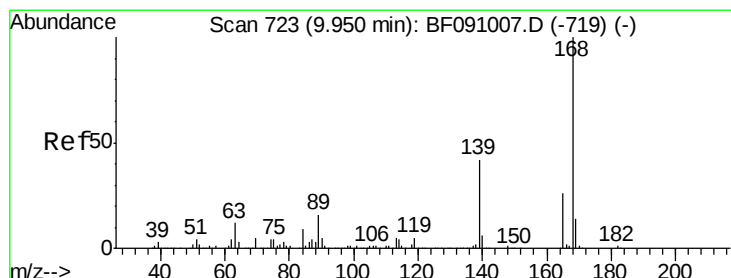
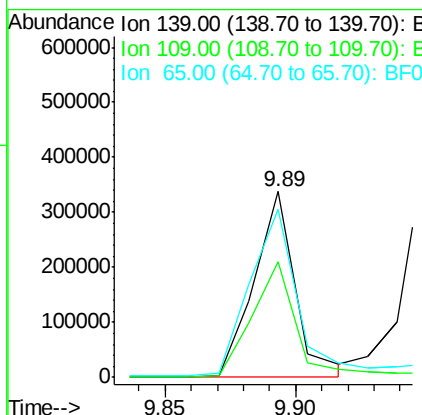
#55
4-Nitrophenol
Concen: 86.20 ng
RT: 9.89 min Scan# 718
Delta R.T. 0.01 min
Lab File: BF091015.D
Acq: 4 Nov 2016 9:53

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	374011		
109	62.6	50.5	90.5	
65	90.6	97.1	137.1#	

Instrument :
BNA_F
ClientSampled :
PB94512BS

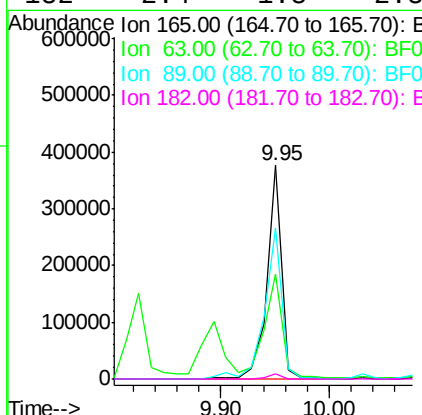
Manual Integrations
APPROVED

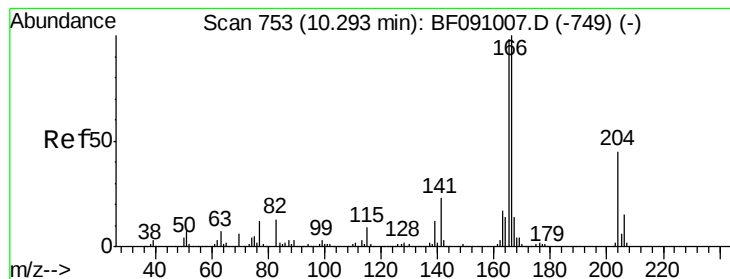
sohil
11/7/2016 4:39:11 PM



#56
2,4-Dinitrotoluene
Concen: 51.51 ng
RT: 9.95 min Scan# 723
Delta R.T. 0.00 min
Lab File: BF091015.D
Acq: 4 Nov 2016 9:53

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	358088		
63	49.0	38.7	58.1	
89	70.8	50.6	76.0	
182	2.4	1.8	2.8	





#57

Fluorene

Concen: 42.85 ng

RT: 10.29 min Scan# 753

Delta R.T. 0.00 min

Lab File: BF091015.D

Acq: 4 Nov 2016 9:53

Instrument :

BNA_F

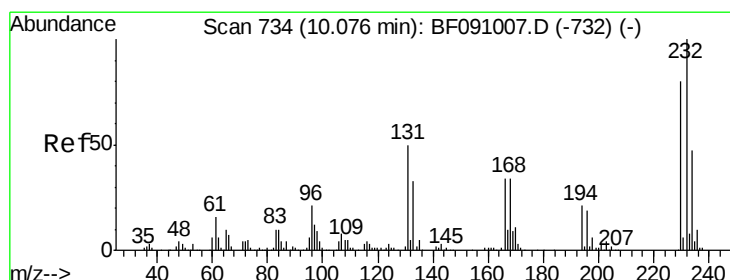
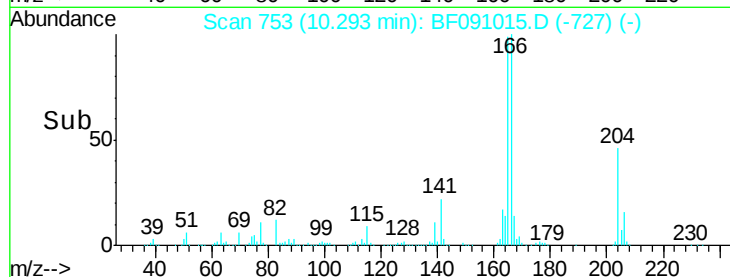
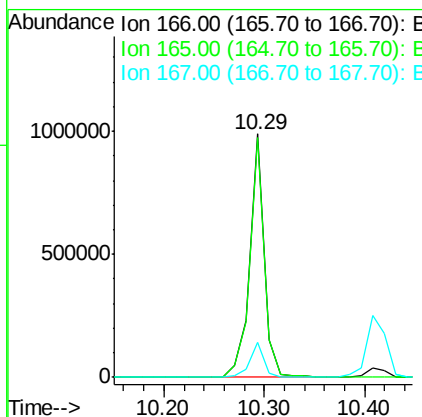
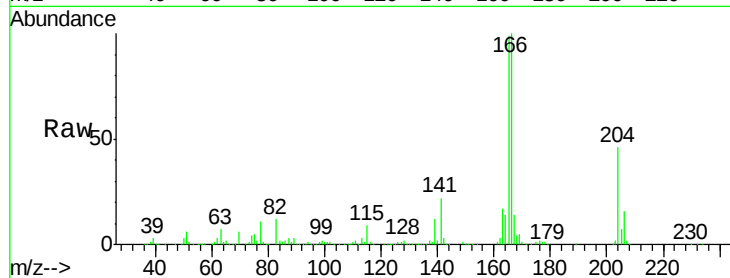
ClientSampled :

PB94512BS

Tgt Ion:	166	Resp:	994376
Ion Ratio	Lower	Upper	
166	100		
165	98.7	78.6	118.0
167	14.2	11.1	16.7

Manual Integrations
APPROVED

sohil
11/7/2016 4:39:11 PM



#58

2,3,4,6-Tetrachlorophenol

Concen: 51.50 ng

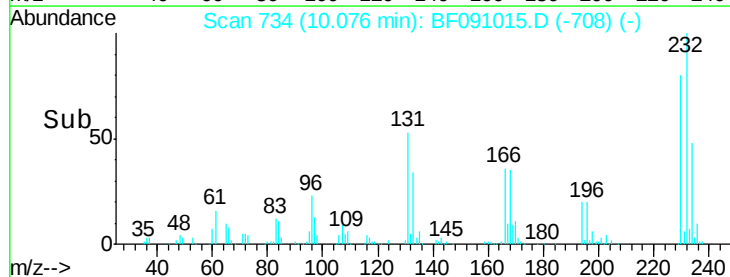
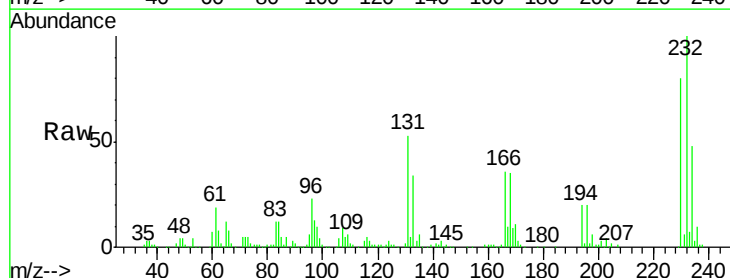
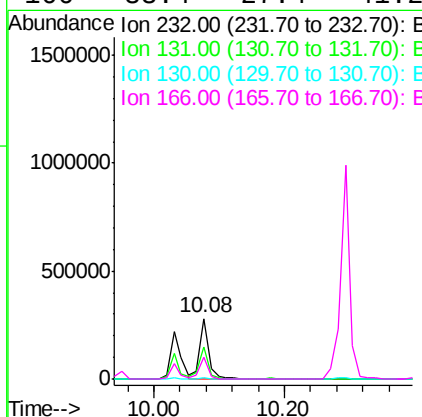
RT: 10.08 min Scan# 734

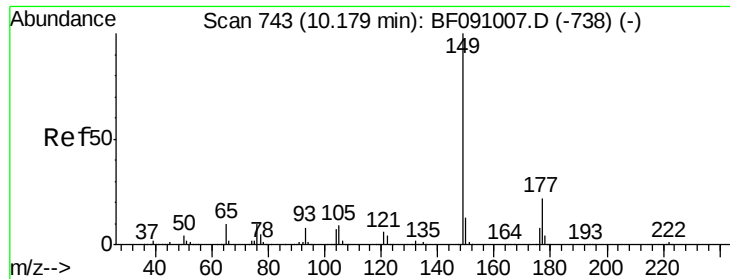
Delta R.T. 0.00 min

Lab File: BF091015.D

Acq: 4 Nov 2016 9:53

Tgt Ion:	232	Resp:	271070
Ion Ratio	Lower	Upper	
232	100		
131	52.1	43.6	65.4
130	2.3	2.0	3.0
166	33.4	27.4	41.2





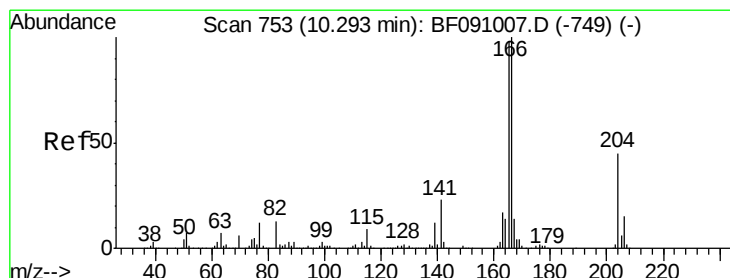
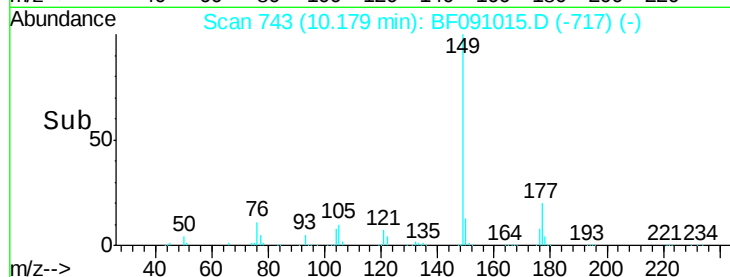
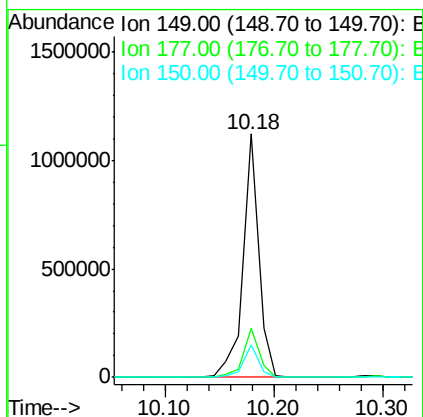
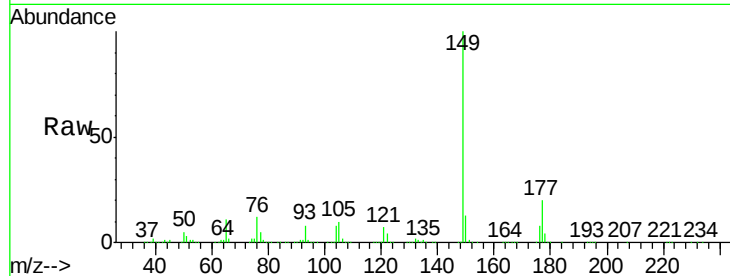
#59
Diethylphthalate
Concen: 42.74 ng
RT: 10.18 min Scan# 743
Delta R.T. 0.00 min
Lab File: BF091015.D
Acq: 4 Nov 2016 9:53

Instrument :
BNA_F
ClientSampled :
PB94512BS

Tgt Ion	Ratio	Lower	Upper
149	100		
177	20.1	17.3	25.9
150	13.3	10.3	15.5

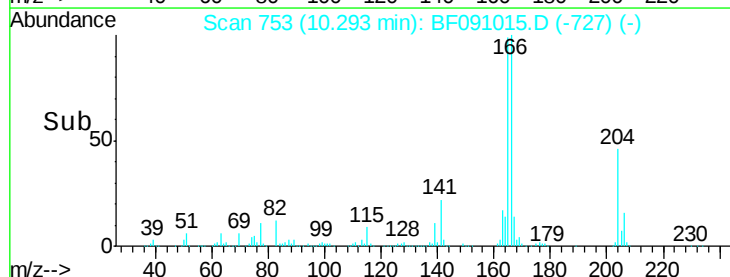
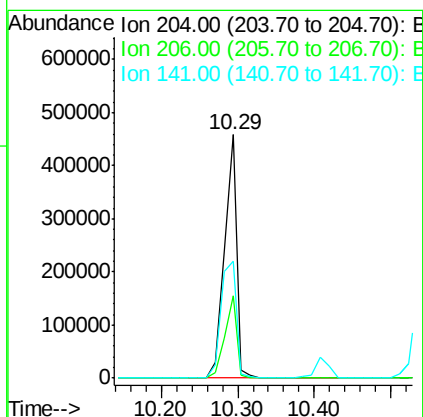
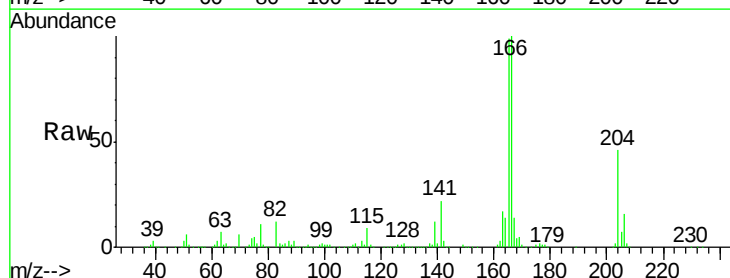
Manual Integrations
APPROVED

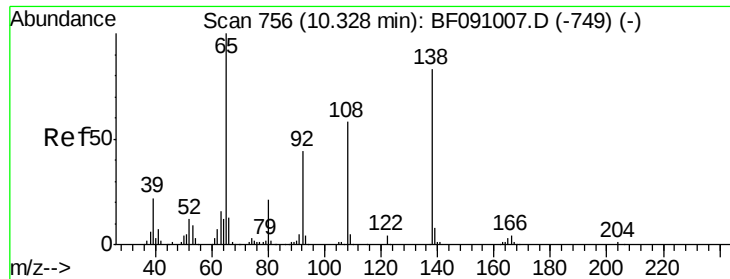
sohil
11/7/2016 4:39:11 PM



#60
4-Chlorophenyl-phenylether
Concen: 48.86 ng
RT: 10.29 min Scan# 753
Delta R.T. 0.00 min
Lab File: BF091015.D
Acq: 4 Nov 2016 9:53

Tgt Ion	Ratio	Lower	Upper
204	100		
206	34.0	27.1	40.7
141	48.0	40.1	60.1





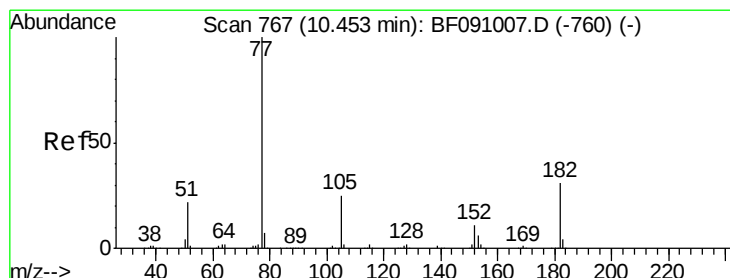
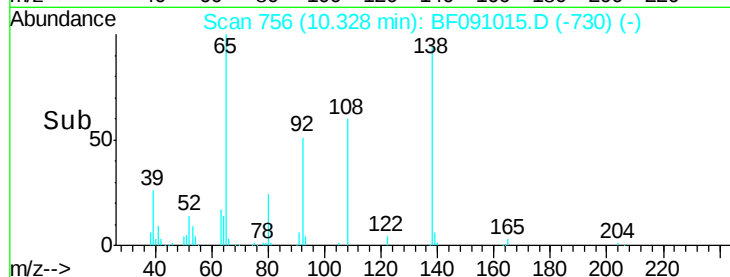
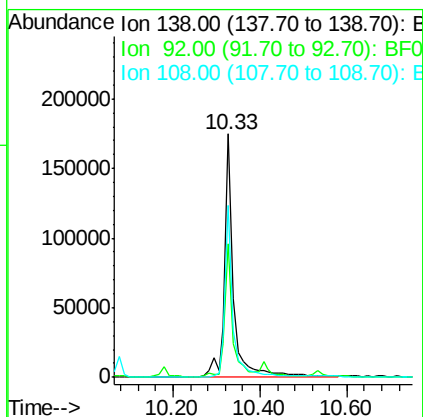
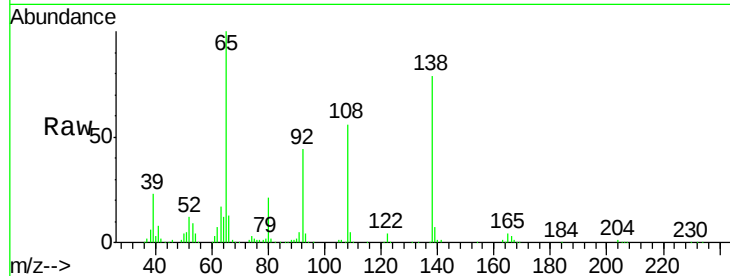
#61
4-Nitroaniline
Concen: 39.37 ng
RT: 10.33 min Scan# 756
Delta R.T. 0.00 min
Lab File: BF091015.D
Acq: 4 Nov 2016 9:53

Instrument :
BNA_F
ClientSampled :
PB94512BS

Tgt Ion	Ratio	Lower	Upper
138	100		
92	54.8	32.5	72.5
108	70.6	49.4	89.4

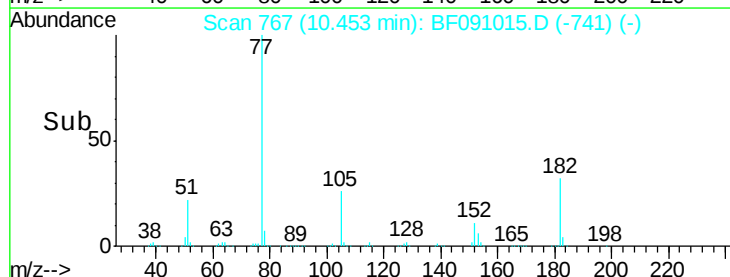
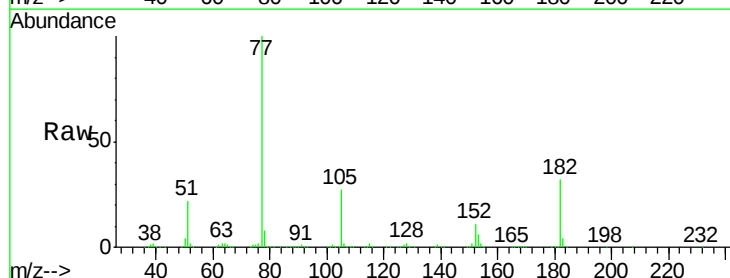
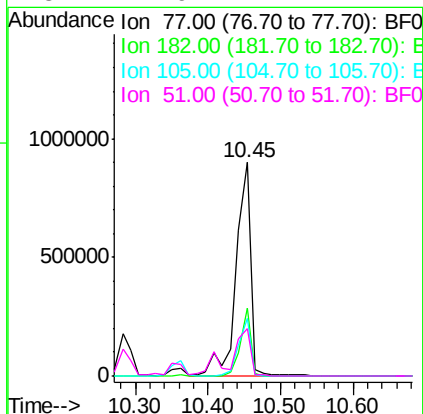
Manual Integrations
APPROVED

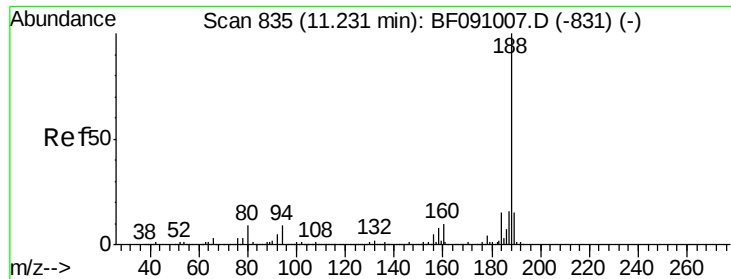
sohil
11/7/2016 4:39:11 PM



#62
Azobenzene
Concen: 40.88 ng
RT: 10.45 min Scan# 767
Delta R.T. 0.00 min
Lab File: BF091015.D
Acq: 4 Nov 2016 9:53

Tgt Ion	Ratio	Lower	Upper
77	100		
182	31.9	11.0	51.0
105	27.0	5.6	45.6
51	21.9	2.7	42.7





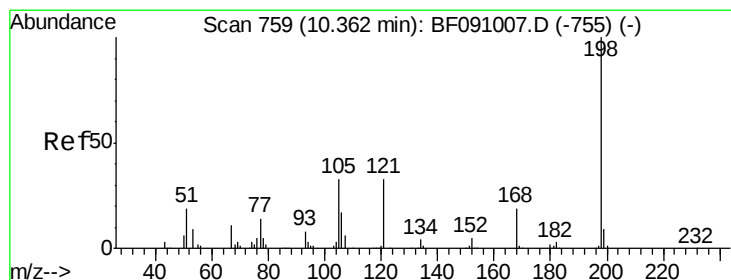
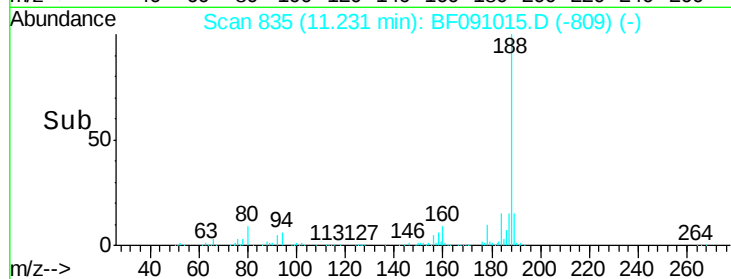
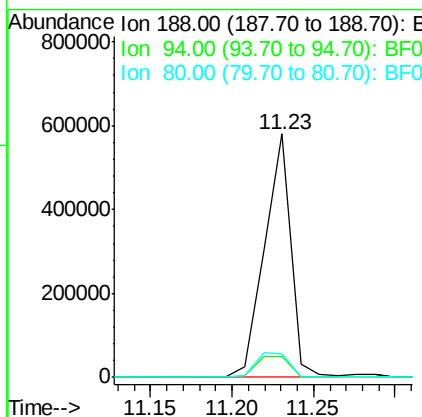
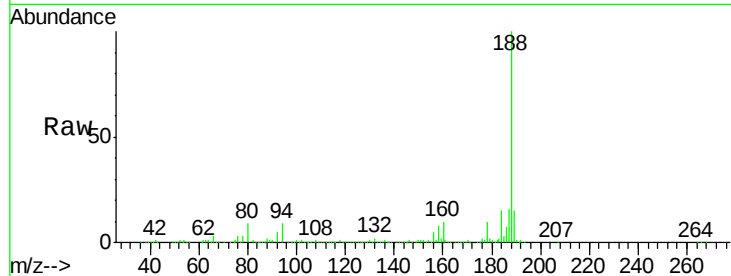
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.23 min Scan# 835
Delta R.T. 0.00 min
Lab File: BF091015.D
Acq: 4 Nov 2016 9:53

Instrument :
BNA_F
ClientSampleId :
PB94512BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
188	100		
94	8.8	7.0	10.4
80	9.4	7.5	11.3

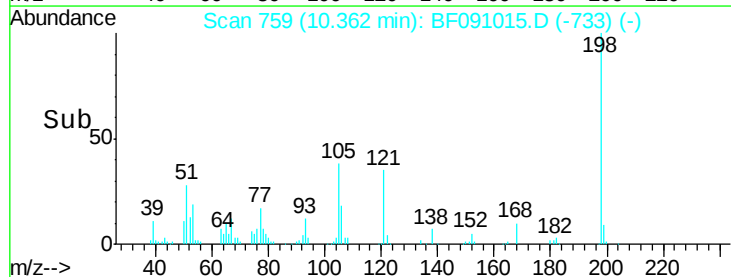
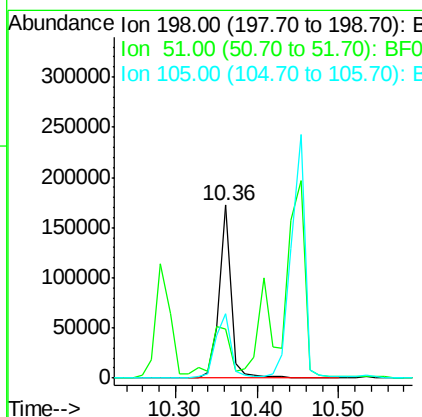
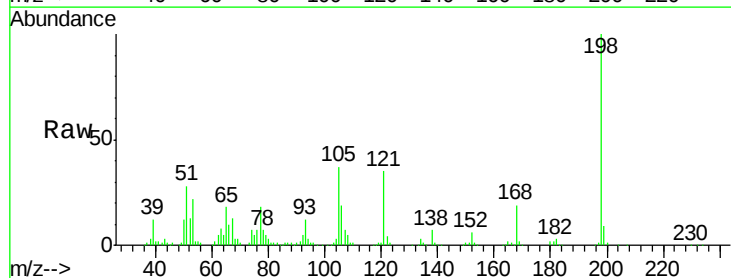
Manual Integrations
APPROVED

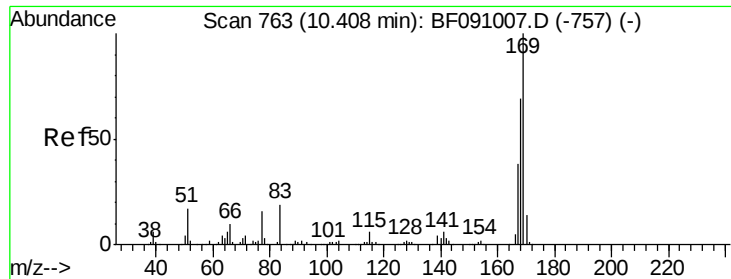
sohil
11/7/2016 4:39:11 PM



#64
4,6-Dinitro-2-methylphenol
Concen: 44.20 ng
RT: 10.36 min Scan# 759
Delta R.T. 0.00 min
Lab File: BF091015.D
Acq: 4 Nov 2016 9:53

Tgt Ion	Ratio	Resp Lower	Resp Upper
198	100		
51	28.1	5.9	45.9
105	37.4	13.8	53.8





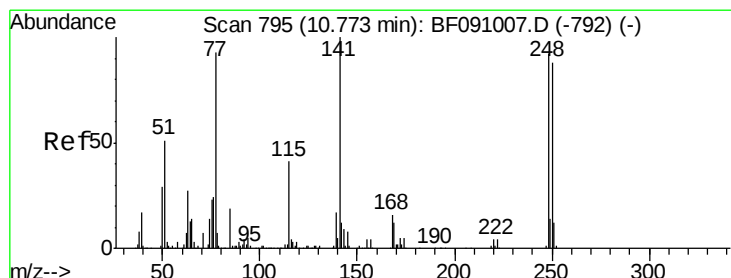
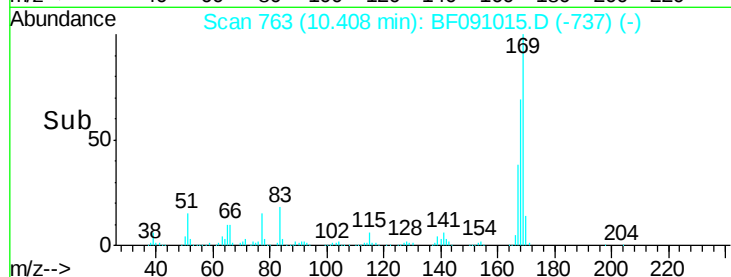
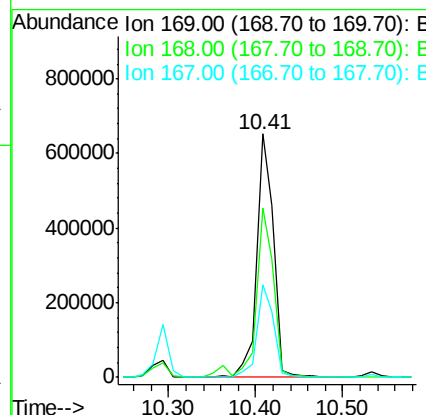
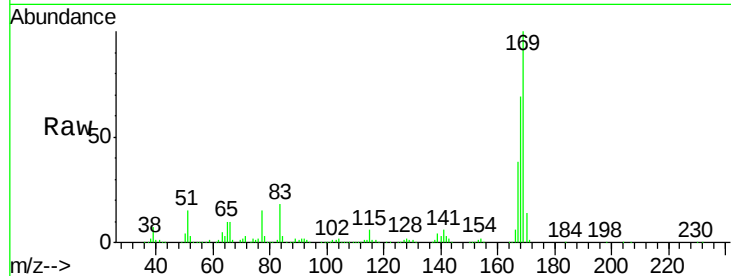
#65
n-Nitrosodiphenylamine
Concen: 42.42 ng
RT: 10.41 min Scan# 763
Delta R.T. 0.00 min
Lab File: BF091015.D
Acq: 4 Nov 2016 9:53

Instrument :
BNA_F
ClientSampleId :
PB94512BS

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	881471		
168	69.3	55.3	82.9	
167	38.1	30.3	45.5	

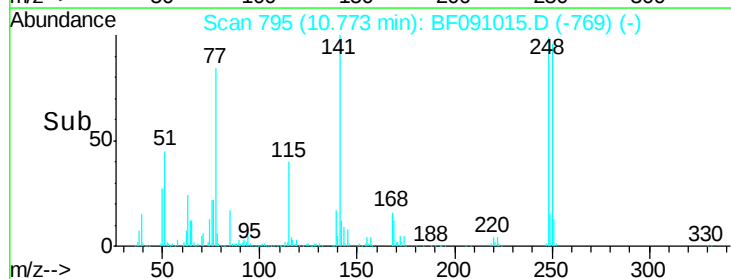
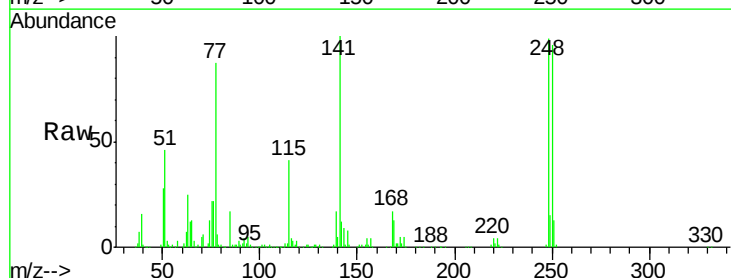
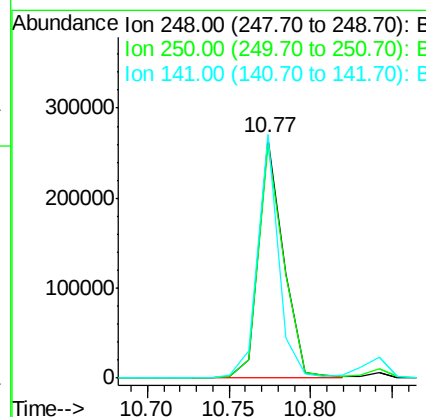
Manual Integrations
APPROVED

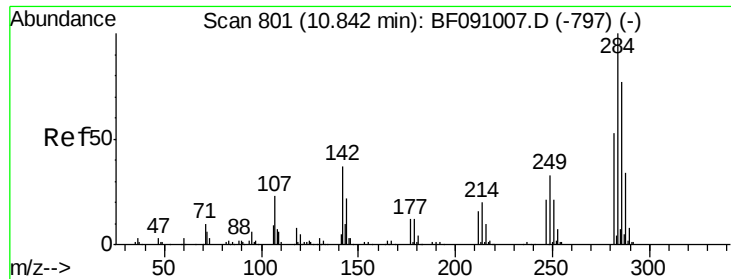
sohil
11/7/2016 4:39:11 PM



#66
4-Bromophenyl-phenylether
Concen: 42.03 ng
RT: 10.77 min Scan# 795
Delta R.T. 0.00 min
Lab File: BF091015.D
Acq: 4 Nov 2016 9:53

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	285821		
250	97.2	76.3	114.5	
141	101.3	86.8	130.2	





#67

Hexachlorobenzene

Concen: 46.01 ng

RT: 10.84 min Scan# 801

Delta R.T. 0.00 min

Lab File: BF091015.D

Acq: 4 Nov 2016 9:53

Instrument :

BNA_F

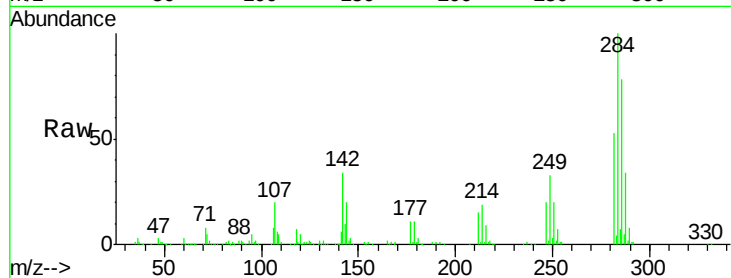
ClientSampled :

PB94512BS

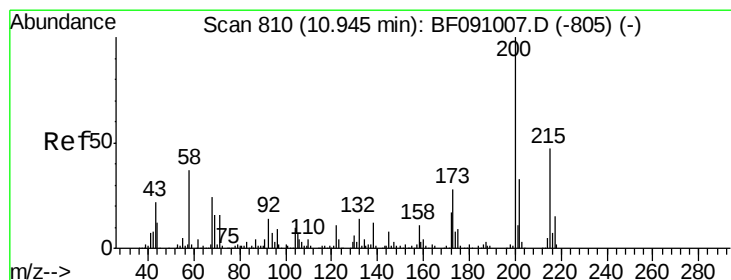
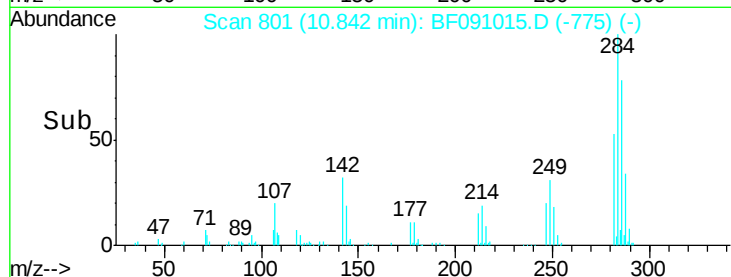
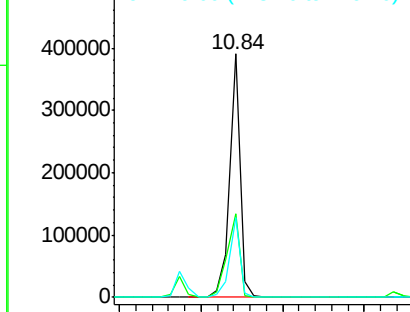
Tgt Ion:	284	Resp:	345111
Ion Ratio		Lower	Upper
284	100		
142	34.2	29.9	44.9
249	32.5	26.6	39.8

Manual Integrations
APPROVED

sohil
11/7/2016 4:39:11 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: 50.10 ng

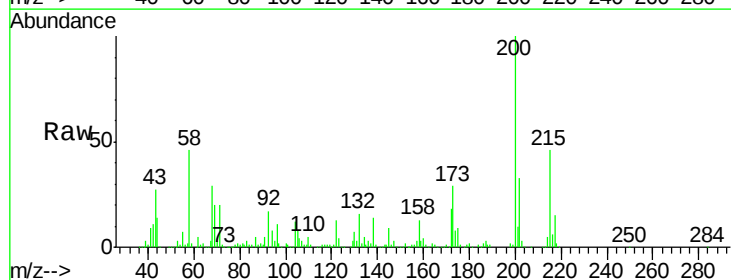
RT: 10.94 min Scan# 810

Delta R.T. 0.00 min

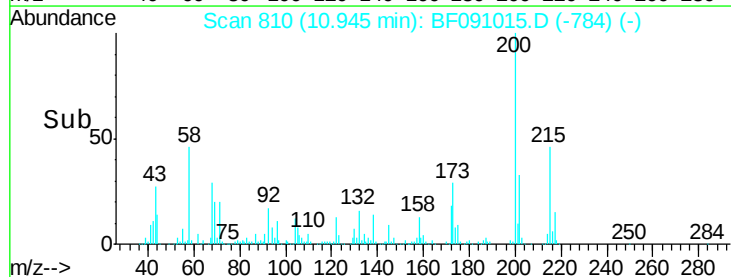
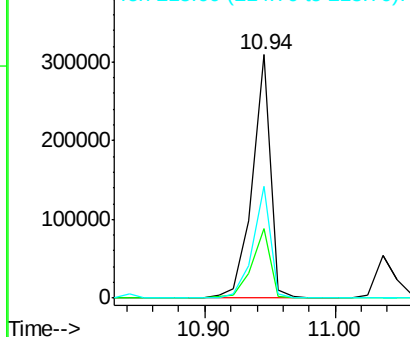
Lab File: BF091015.D

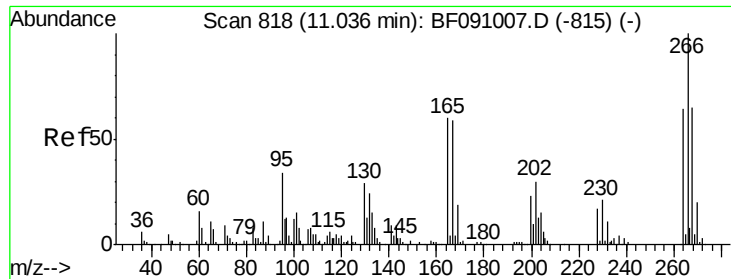
Acq: 4 Nov 2016 9:53

Tgt Ion:	200	Resp:	300339
Ion Ratio		Lower	Upper
200	100		
173	28.6	8.1	48.1
215	46.0	27.3	67.3



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





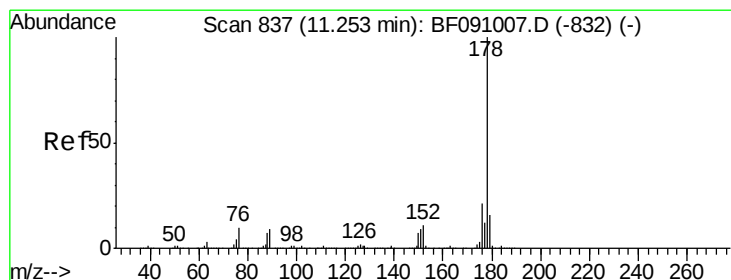
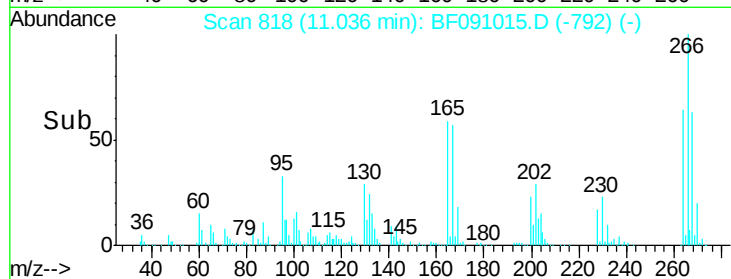
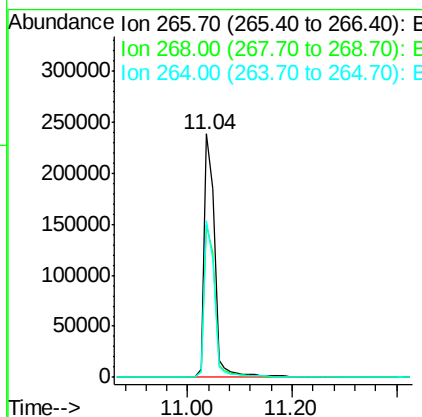
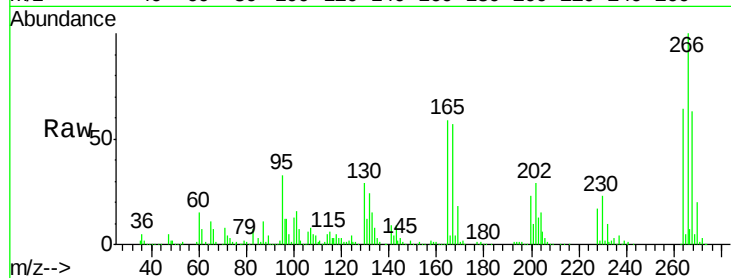
#69
 Pentachlorophenol
 Concen: 101.58 ng
 RT: 11.04 min Scan# 818
 Delta R.T. 0.00 min
 Lab File: BF091015.D
 Acq: 4 Nov 2016 9:53

Instrument :
 BNA_F
 ClientSampleId :
 PB94512BS

Tgt Ion	Ratio	Lower	Upper
266	100		
268	62.6	52.1	78.1
264	64.1	51.1	76.7

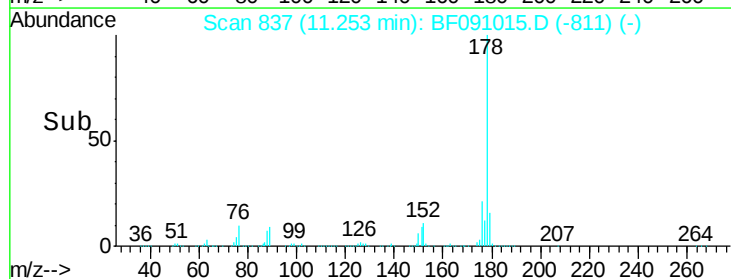
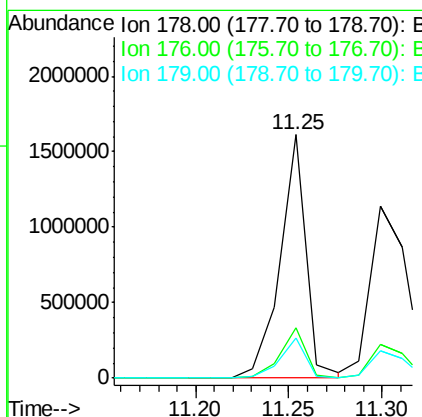
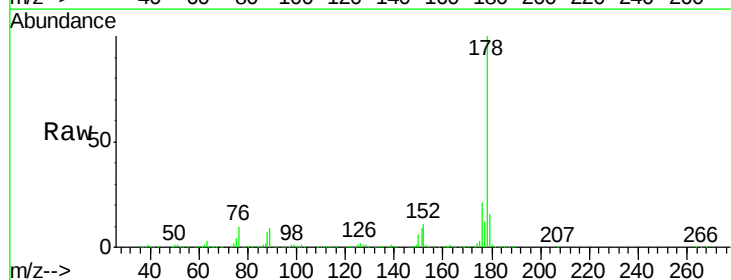
Manual Integrations
 APPROVED

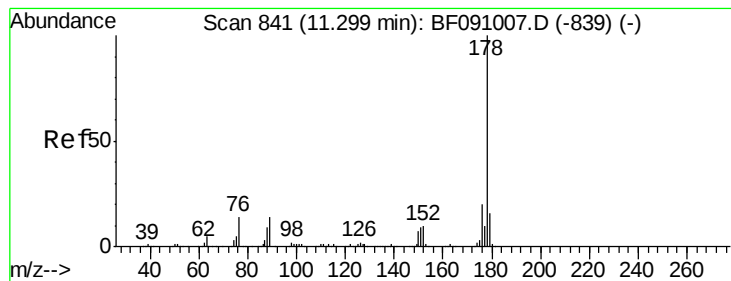
sohil
 11/7/2016 4:39:11 PM



#70
 Phenanthrene
 Concen: 44.67 ng
 RT: 11.25 min Scan# 837
 Delta R.T. 0.00 min
 Lab File: BF091015.D
 Acq: 4 Nov 2016 9:53

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.8	16.6	25.0
179	16.3	12.9	19.3





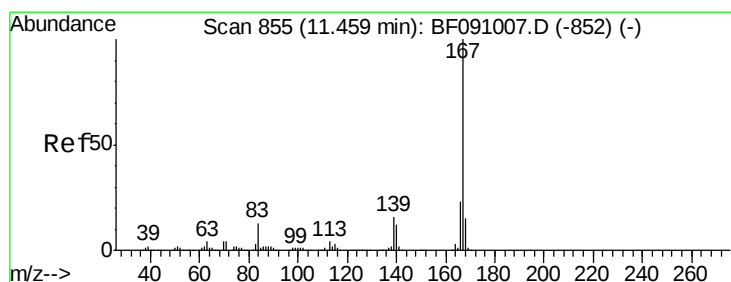
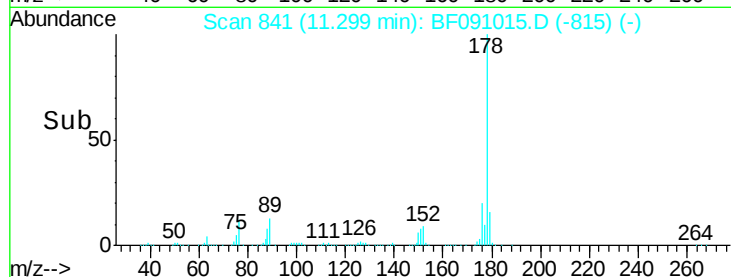
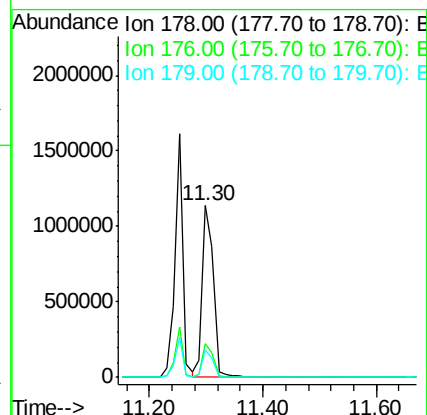
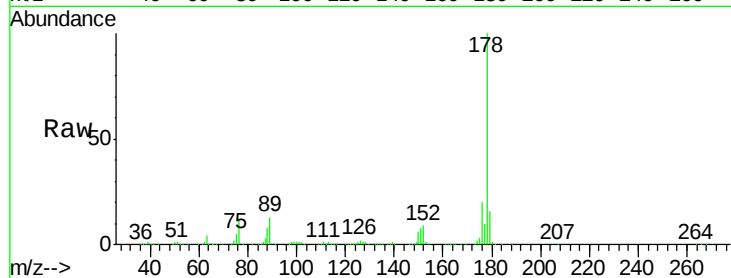
#71
 Anthracene
 Concen: 41.18 ng
 RT: 11.30 min Scan# 841
 Delta R.T. 0.00 min
 Lab File: BF091015.D
 Acq: 4 Nov 2016 9:53

Instrument :
 BNA_F
 ClientSampleId :
 PB94512BS

Tgt Ion:178 Resp: 1521533
 Ion Ratio Lower Upper
 178 100
 176 19.5 16.0 24.0
 179 16.2 13.0 19.6

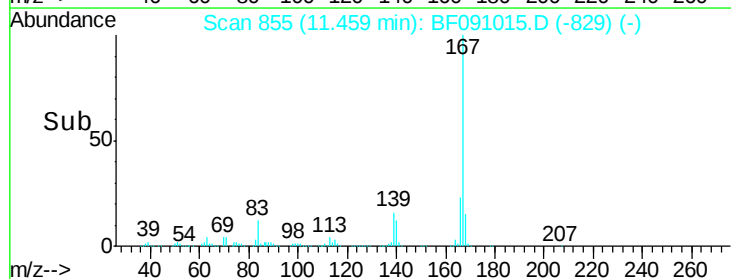
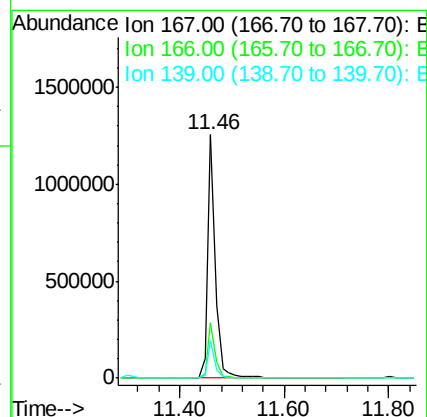
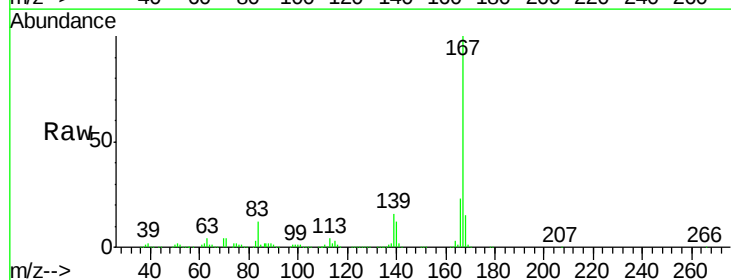
Manual Integrations
 APPROVED

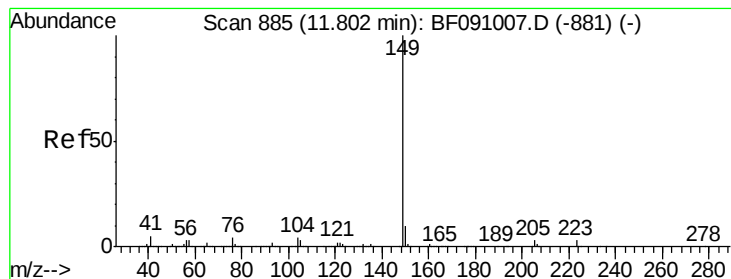
sohil
 11/7/2016 4:39:11 PM



#72
 Carbazole
 Concen: 39.03 ng
 RT: 11.46 min Scan# 855
 Delta R.T. 0.00 min
 Lab File: BF091015.D
 Acq: 4 Nov 2016 9:53

Tgt Ion:167 Resp: 1299648
 Ion Ratio Lower Upper
 167 100
 166 23.0 18.0 27.0
 139 15.6 12.6 18.8





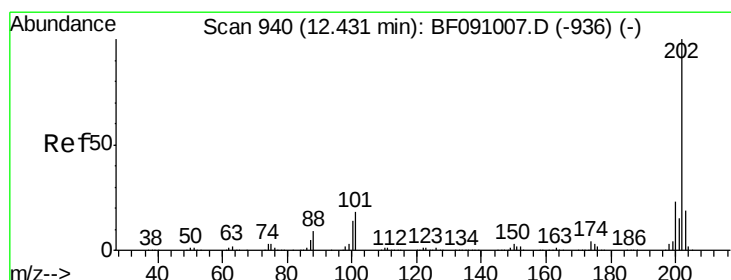
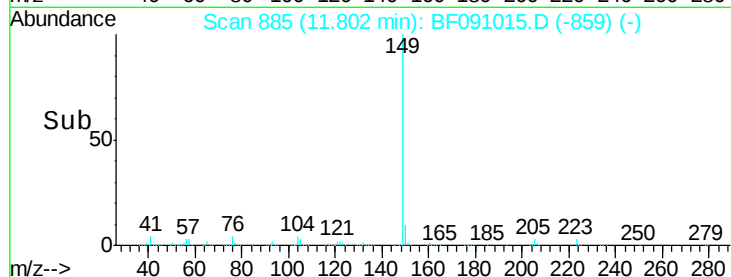
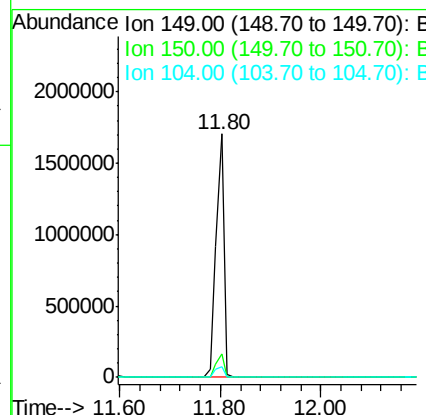
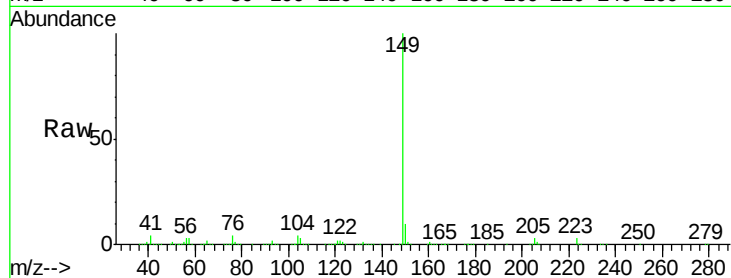
#73
Di-n-butylphthalate
Concen: 44.59 ng
RT: 11.80 min Scan# 885
Delta R.T. 0.00 min
Lab File: BF091015.D
Acq: 4 Nov 2016 9:53

Instrument :
BNA_F
ClientSampleId :
PB94512BS

Tgt Ion:149 Resp: 1867589
Ion Ratio Lower Upper
149 100
150 9.6 7.7 11.5
104 4.3 3.6 5.4

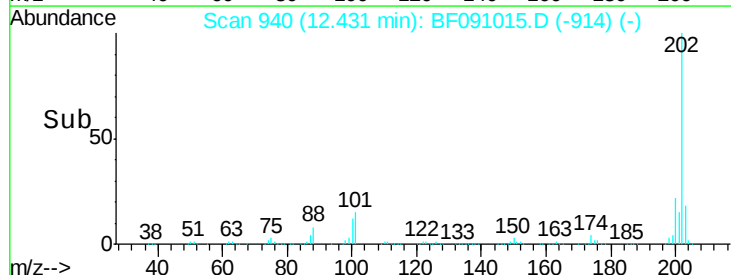
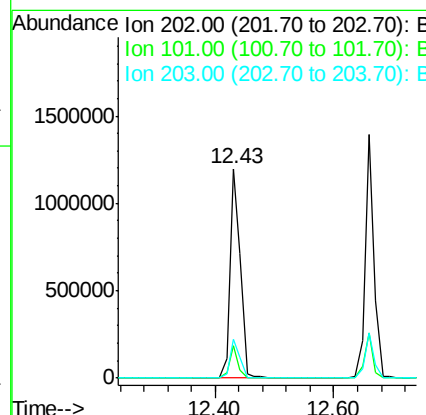
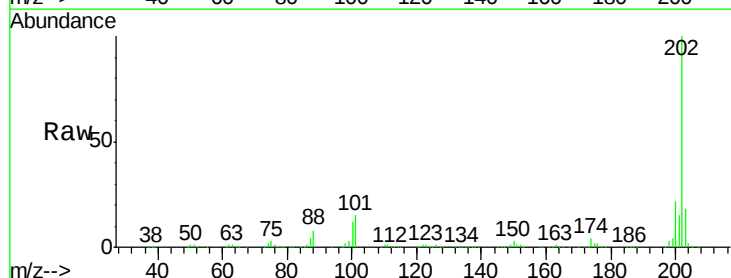
Manual Integrations
APPROVED

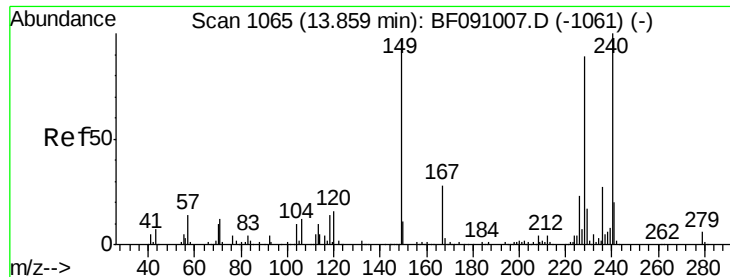
sohil
11/7/2016 4:39:11 PM



#74
Fluoranthene
Concen: 39.99 ng
RT: 12.43 min Scan# 940
Delta R.T. 0.00 min
Lab File: BF091015.D
Acq: 4 Nov 2016 9:53

Tgt Ion:202 Resp: 1441435
Ion Ratio Lower Upper
202 100
101 15.5 0.0 37.6
203 18.4 0.0 38.6





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.86 min Scan# 1065

Delta R.T. 0.00 min

Lab File: BF091015.D

Acq: 4 Nov 2016 9:53

Instrument :

BNA_F

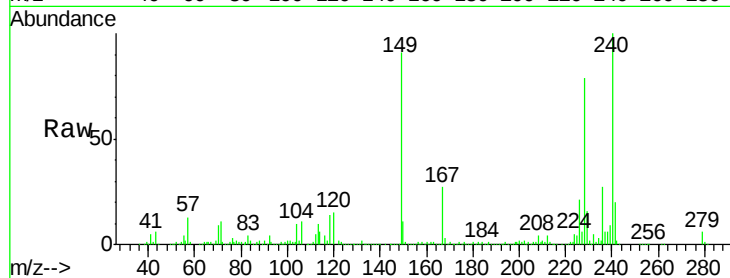
ClientSampleId :

PB94512BS

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	560950		
120	15.3	12.9	19.3	
236	27.4	21.9	32.9	

Manual Integrations
APPROVED

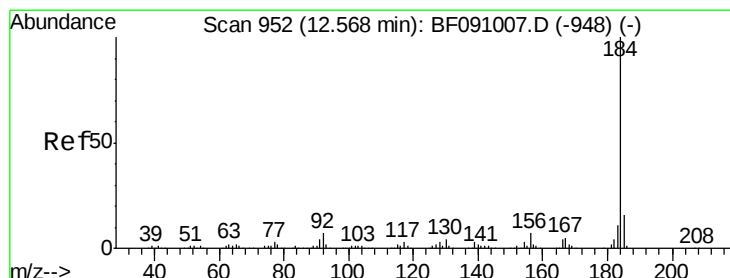
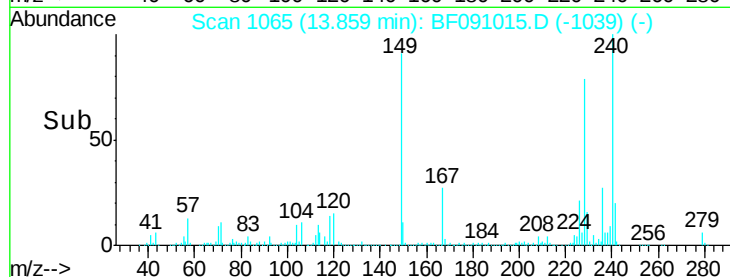
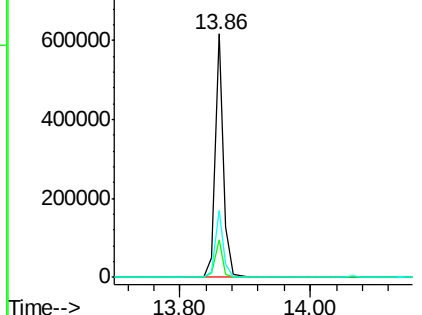
sohil
11/7/2016 4:39:11 PM



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 42.92 ng

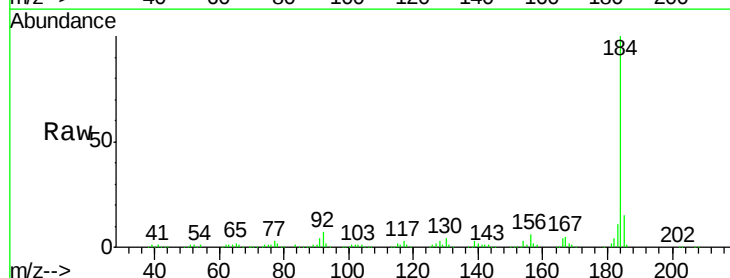
RT: 12.57 min Scan# 952

Delta R.T. 0.00 min

Lab File: BF091015.D

Acq: 4 Nov 2016 9:53

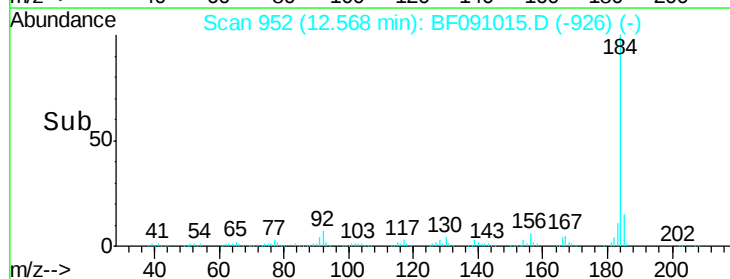
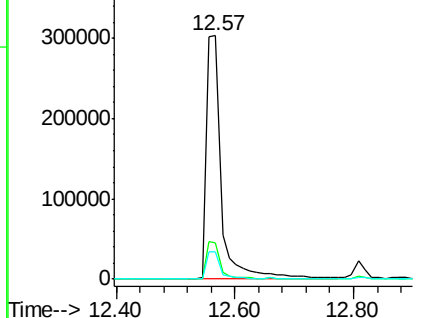
Tgt Ion	Ratio	Resp	Lower	Upper
184	100	537896		
185	14.8	13.0	19.4	
183	11.3	8.7	13.1	



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





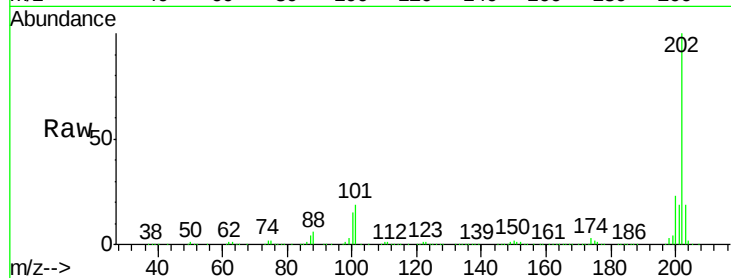
#77
 Pyrene
 Concen: 38.97 ng
 RT: 12.66 min Scan# 960
 Delta R.T. 0.00 min
 Lab File: BF091015.D
 Acq: 4 Nov 2016 9:53

Instrument :
 BNA_F
 ClientSampleId :
 PB94512BS

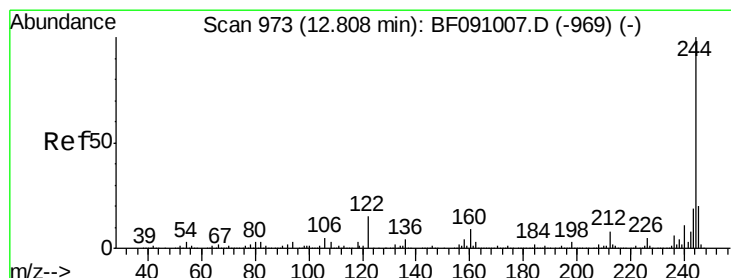
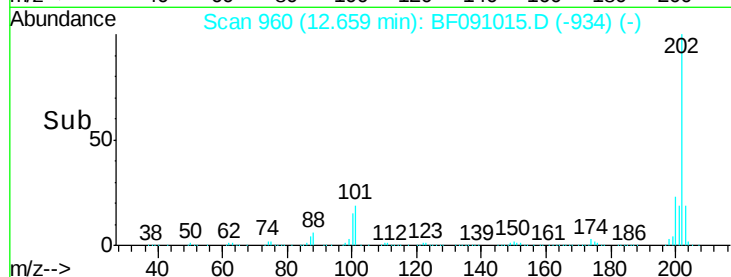
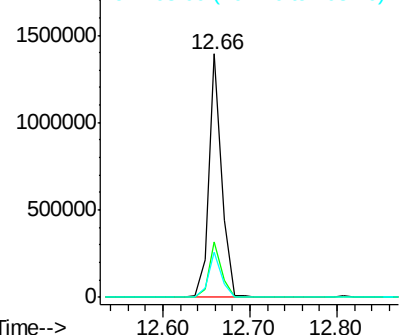
Tgt Ion	Ratio	Lower	Upper
202	100		
200	22.9	18.4	27.6
203	18.6	15.0	22.6

Manual Integrations
 APPROVED

sohil
 11/7/2016 4:39:11 PM

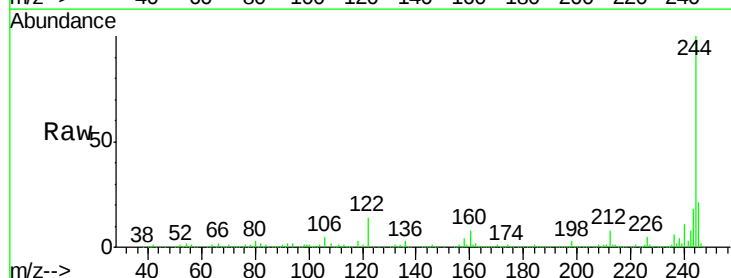


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 200.00 (199.70 to 200.70): E
 Ion 203.00 (202.70 to 203.70): E

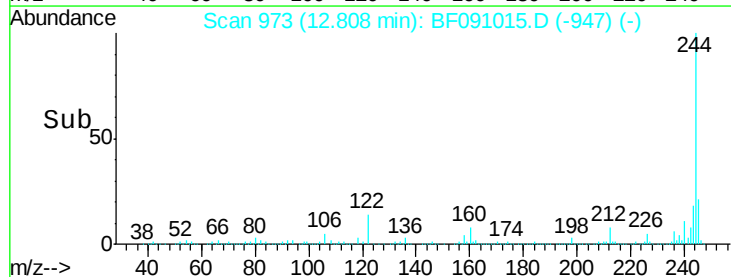
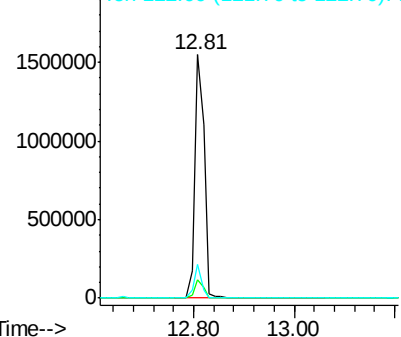


#78
 Terphenyl-d14
 Concen: 88.62 ng
 RT: 12.81 min Scan# 973
 Delta R.T. 0.00 min
 Lab File: BF091015.D
 Acq: 4 Nov 2016 9:53

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.5	6.4	9.6
122	14.0	12.3	18.5



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





#79

Butylbenzylphthalate

Concen: 41.00 ng

RT: 13.29 min Scan# 1015

Delta R.T. 0.00 min

Lab File: BF091015.D

Acq: 4 Nov 2016 9:53

Instrument :

BNA_F

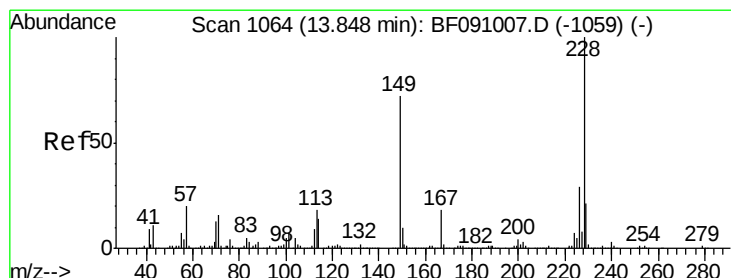
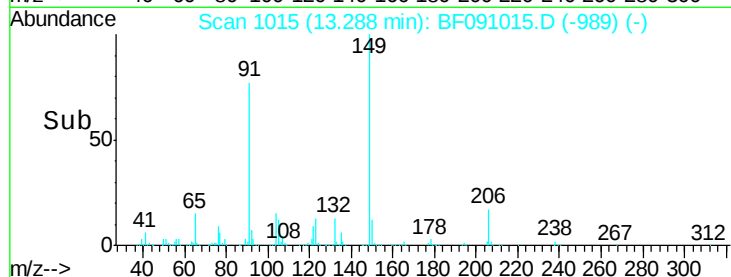
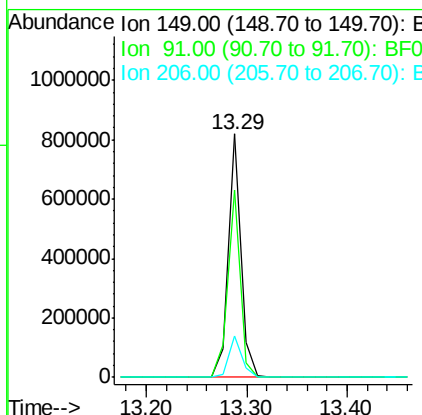
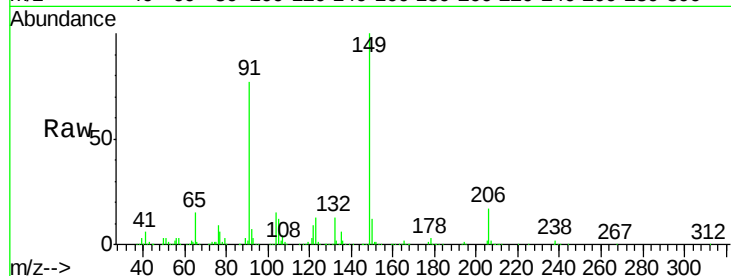
ClientSampled :

PB94512BS

Tgt Ion:	149	Resp:	720495
Ion Ratio	Lower	Upper	
149	100		
91	77.0	65.0	97.4
206	16.9	12.5	18.7

Manual Integrations
APPROVED

sohil
11/7/2016 4:39:11 PM



#80

Benzo(a)anthracene

Concen: 43.24 ng

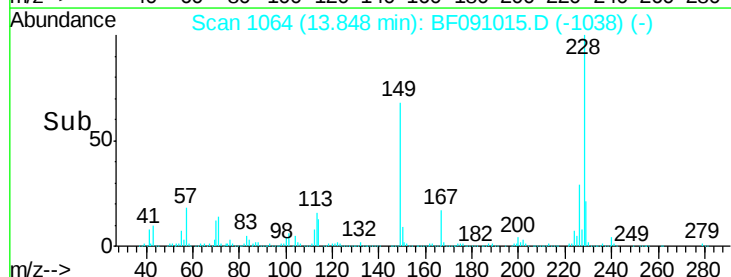
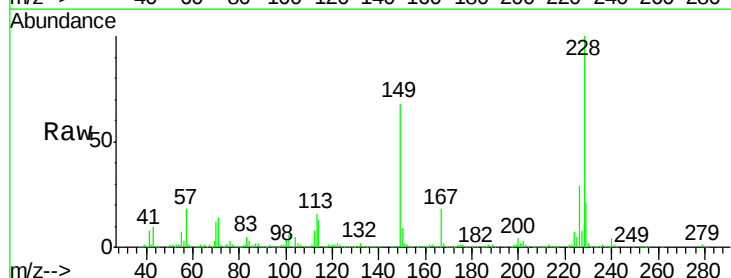
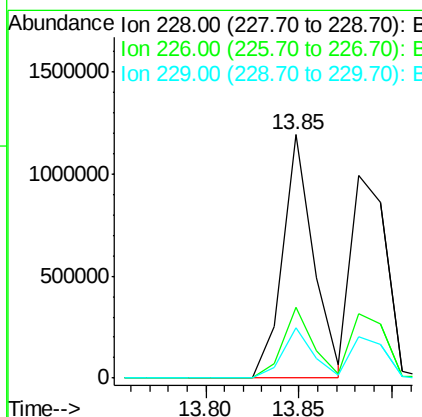
RT: 13.85 min Scan# 1064

Delta R.T. 0.00 min

Lab File: BF091015.D

Acq: 4 Nov 2016 9:53

Tgt Ion:	228	Resp:	1377088
Ion Ratio	Lower	Upper	
228	100		
226	28.9	23.0	34.6
229	20.8	16.6	24.8





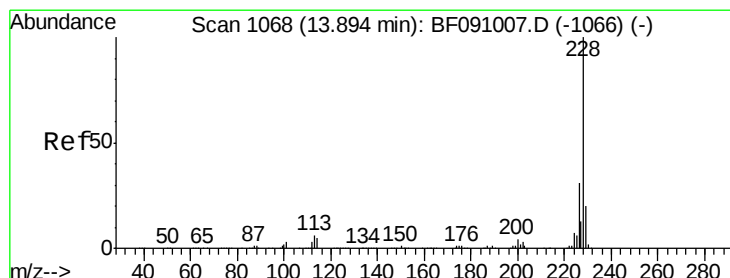
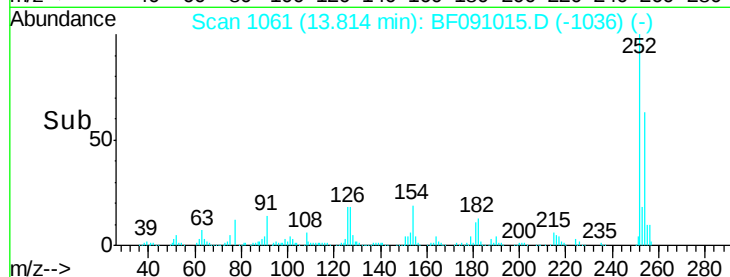
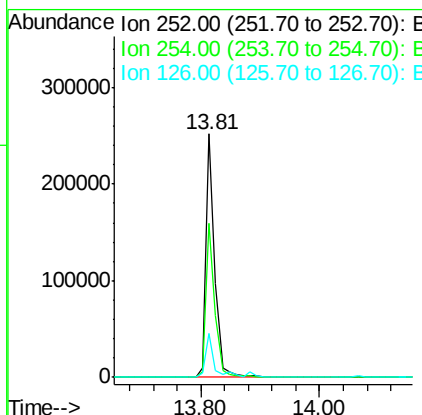
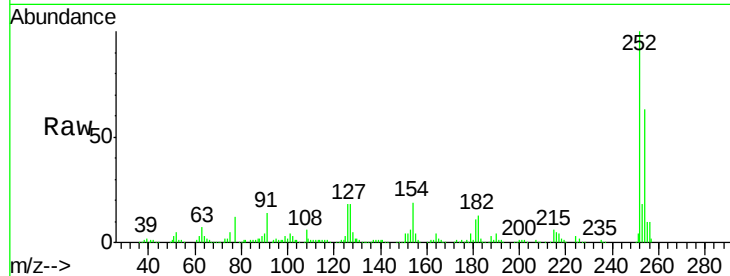
#81
 3,3'-Dichlorobenzidine
 Concen: 23.81 ng
 RT: 13.81 min Scan# 1061
 Delta R.T. -0.01 min
 Lab File: BF091015.D
 Acq: 4 Nov 2016 9:53

Instrument :
 BNA_F
 ClientSampleId :
 PB94512BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
252	100		
254	63.3	52.0	78.0
126	18.1	5.4	8.2

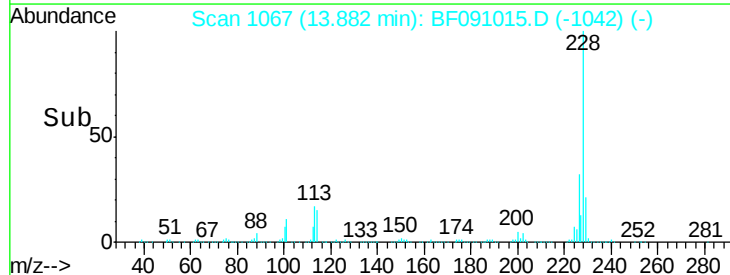
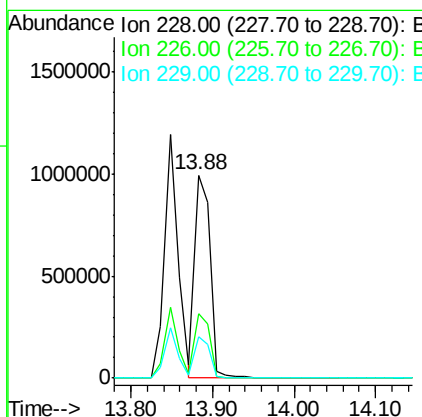
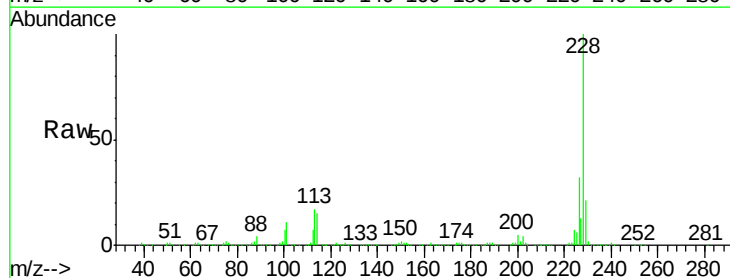
Manual Integrations
 APPROVED

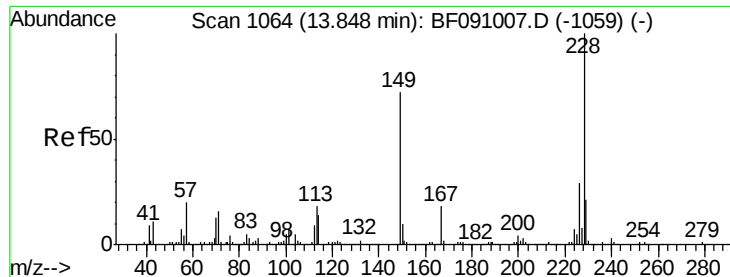
sohil
 11/7/2016 4:39:11 PM



#82
 Chrysene
 Concen: 42.18 ng
 RT: 13.88 min Scan# 1067
 Delta R.T. -0.01 min
 Lab File: BF091015.D
 Acq: 4 Nov 2016 9:53

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
226	31.7	24.9	37.3
229	20.7	15.9	23.9





#83

Bis(2-ethylhexyl)phthalate

Concen: 40.97 ng

RT: 13.85 min Scan# 1064

Delta R.T. 0.00 min

Lab File: BF091015.D

Acq: 4 Nov 2016 9:53

Instrument :

BNA_F

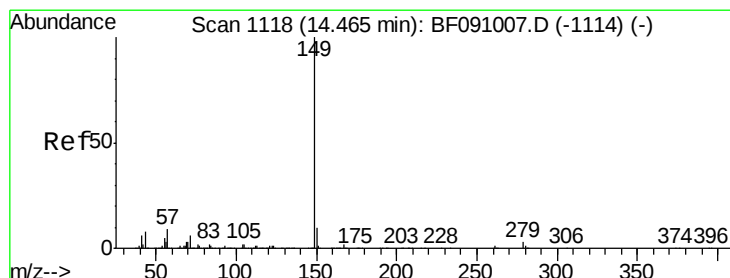
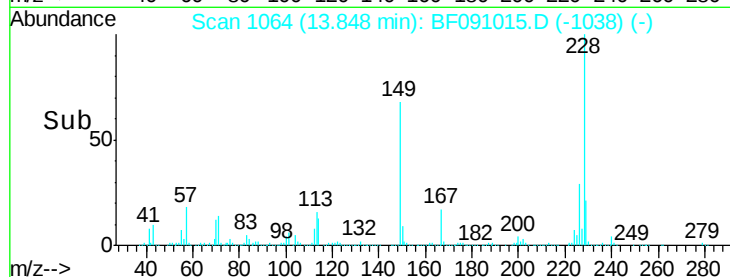
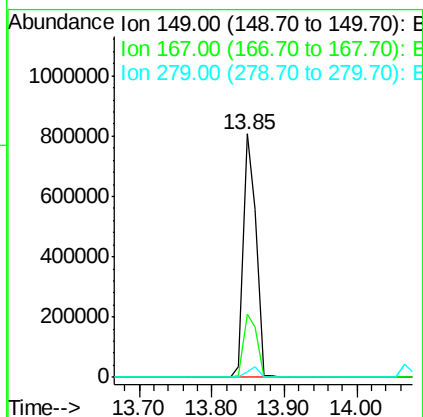
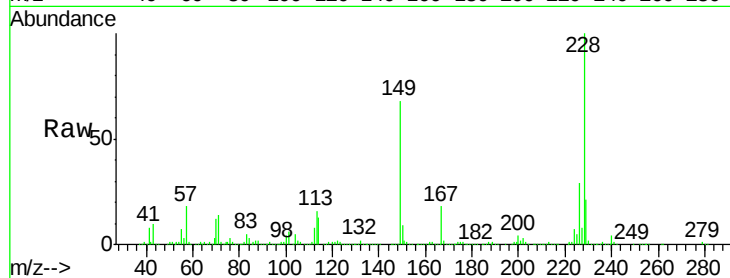
ClientSampled :

PB94512BS

Tgt Ion:	149	Resp:	974370
Ion Ratio	Lower	Upper	
149	100		
167	25.9	20.4	30.6
279	2.2	1.6	2.4

Manual Integrations
APPROVED

sohil
11/7/2016 4:39:11 PM



#84

Di-n-octyl phthalate

Concen: 43.30 ng

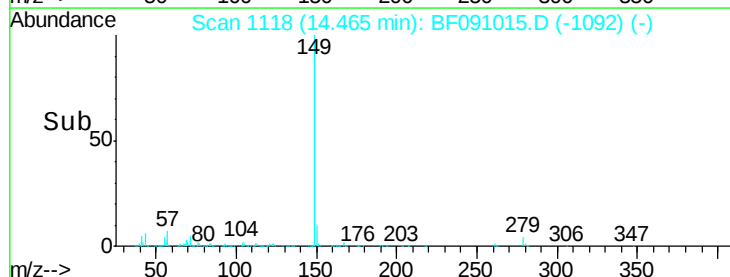
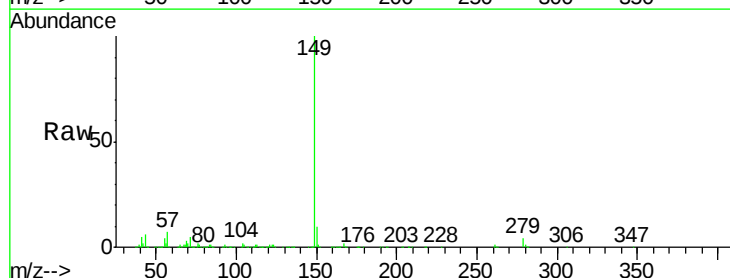
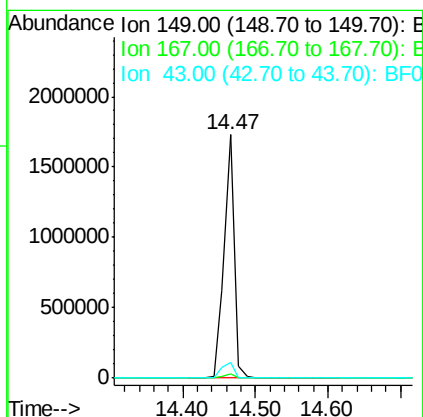
RT: 14.47 min Scan# 1118

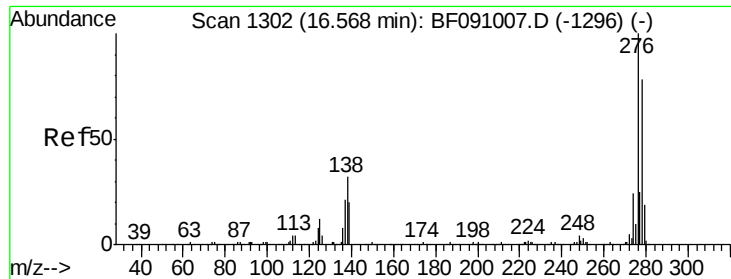
Delta R.T. 0.00 min

Lab File: BF091015.D

Acq: 4 Nov 2016 9:53

Tgt Ion:	149	Resp:	1692933
Ion Ratio	Lower	Upper	
149	100		
167	1.6	1.2	1.8
43	7.8	8.2	12.4#





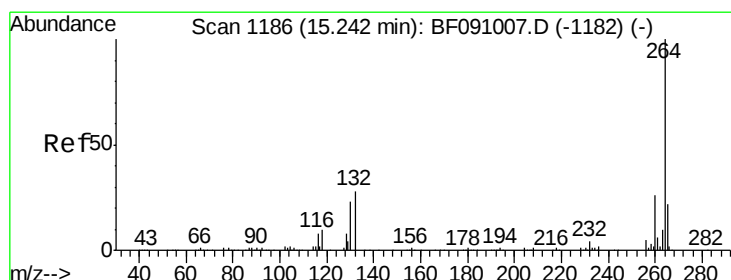
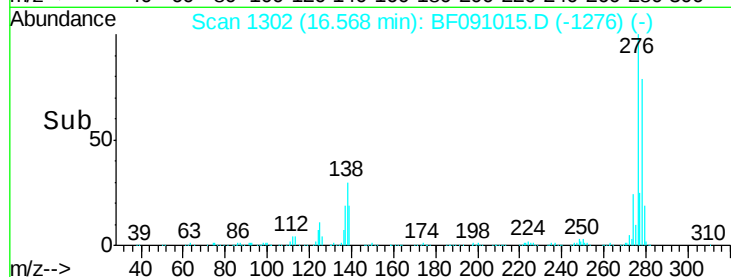
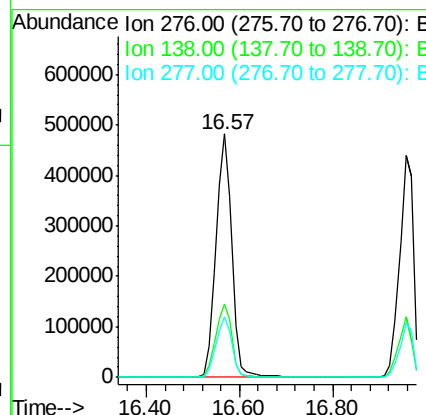
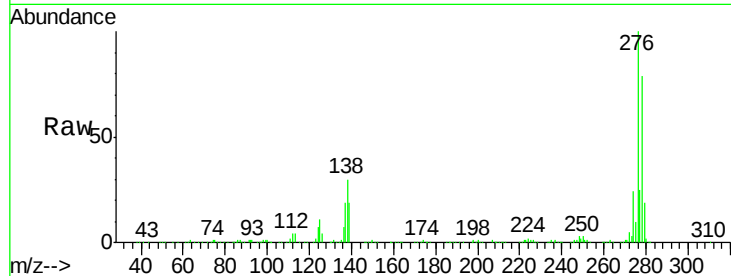
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 44.06 ng
 RT: 16.57 min Scan# 1302
 Delta R.T. 0.00 min
 Lab File: BF091015.D
 Acq: 4 Nov 2016 9:53

Instrument :
 BNA_F
 ClientSampleId :
 PB94512BS

Tgt Ion: 276 Resp: 1148053
 Ion Ratio Lower Upper
 276 100
 138 31.0 26.0 39.0
 277 25.0 20.1 30.1

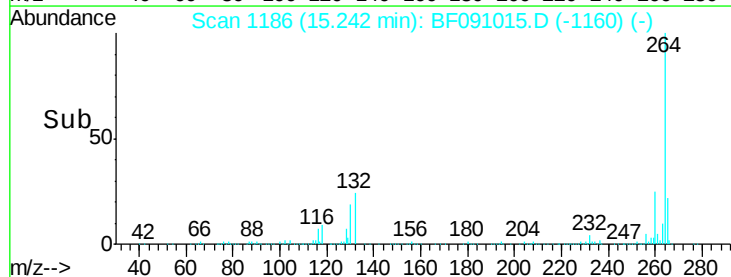
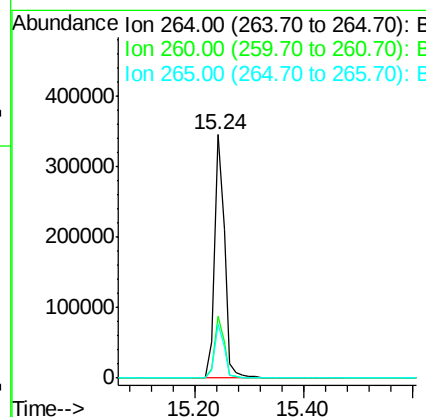
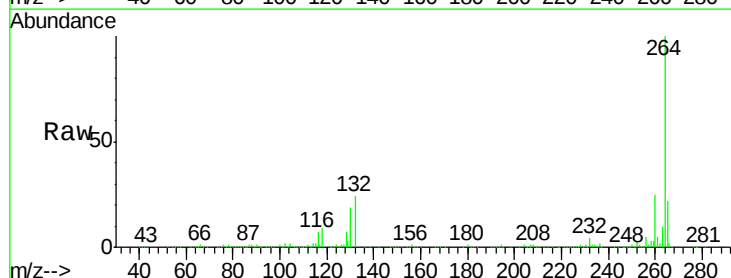
Manual Integrations
 APPROVED

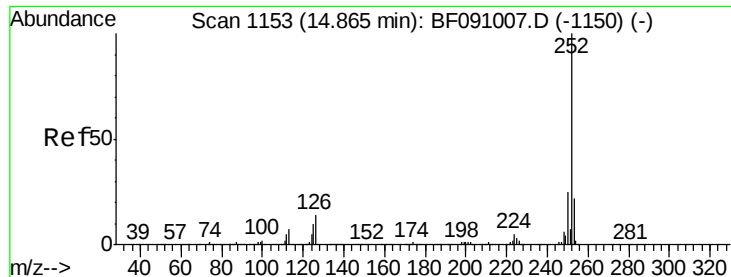
sohil
 11/7/2016 4:39:11 PM



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.24 min Scan# 1186
 Delta R.T. 0.00 min
 Lab File: BF091015.D
 Acq: 4 Nov 2016 9:53

Tgt Ion: 264 Resp: 448512
 Ion Ratio Lower Upper
 264 100
 260 25.4 20.6 30.8
 265 22.1 17.8 26.8





#87

Benzo(b)fluoranthene

Concen: 45.98 ng m

RT: 14.87 min Scan# 1153

Delta R.T. 0.00 min

Lab File: BF091015.D

Acq: 4 Nov 2016 9:53

Instrument :

BNA_F

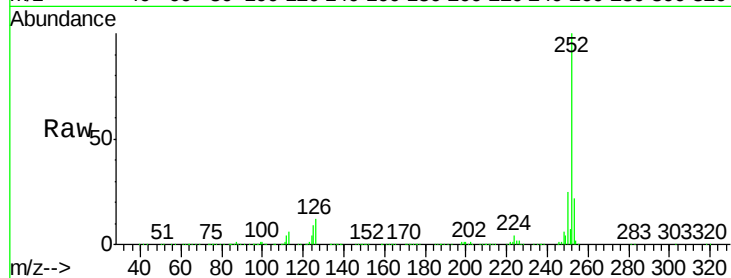
ClientSampleId :

PB94512BS

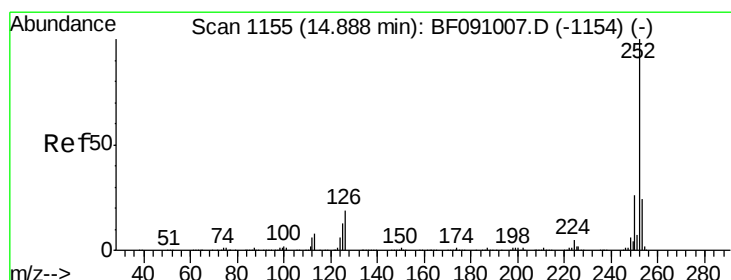
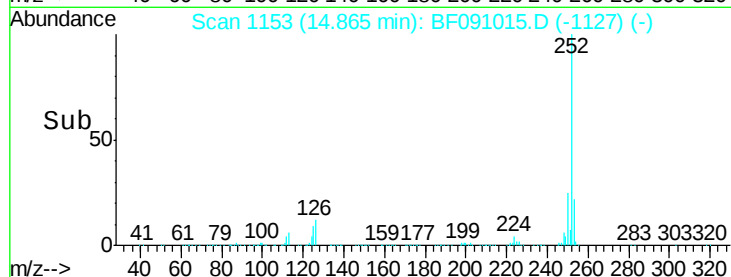
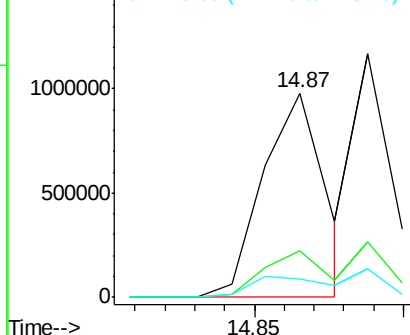
Tgt Ion:	252	Resp:	1398776
Ion	Ratio	Lower	Upper
252	100		
253	22.5	18.0	27.0
125	9.0	8.3	12.5

Manual Integrations
APPROVED

sohil
11/7/2016 4:39:11 PM



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



#88

Benzo(k)fluoranthene

Concen: 40.17 ng m

RT: 14.89 min Scan# 1155

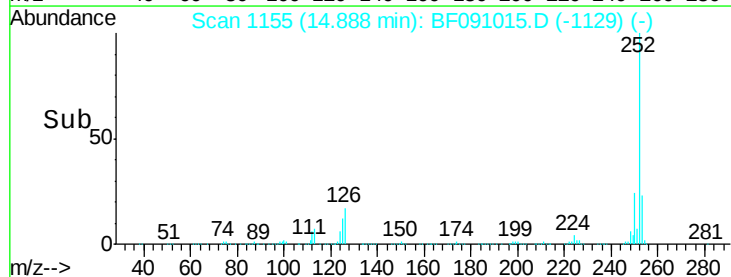
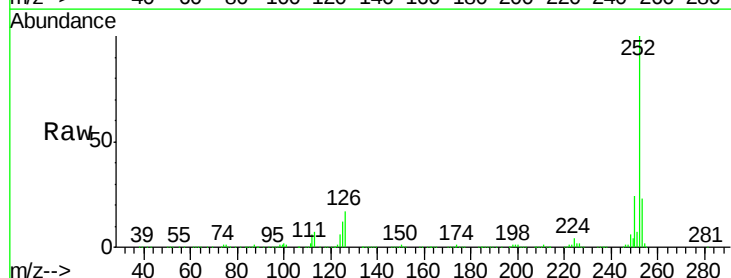
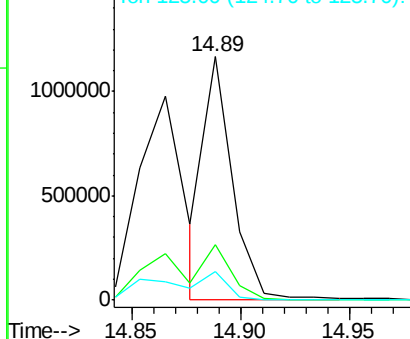
Delta R.T. 0.00 min

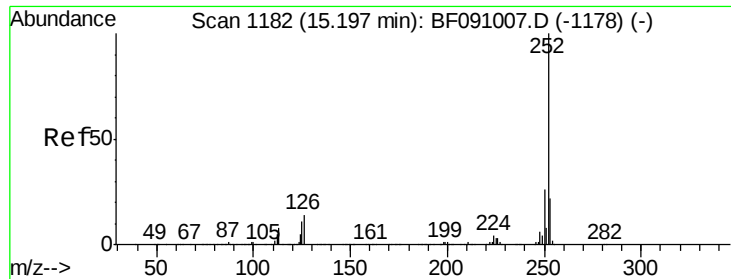
Lab File: BF091015.D

Acq: 4 Nov 2016 9:53

Tgt Ion:	252	Resp:	1071924
Ion	Ratio	Lower	Upper
252	100		
253	22.7	18.6	28.0
125	11.6	11.2	16.8

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





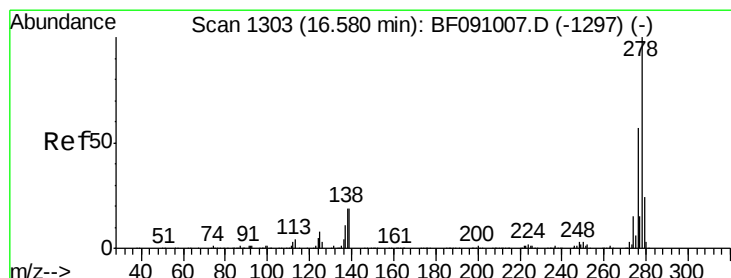
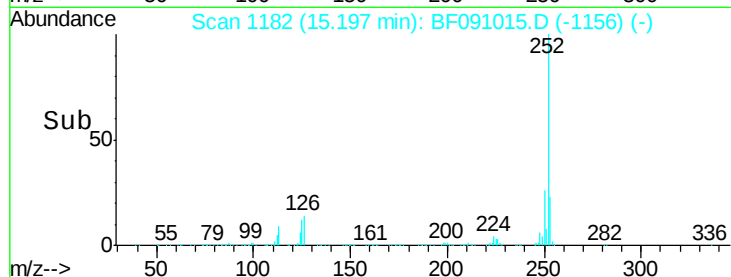
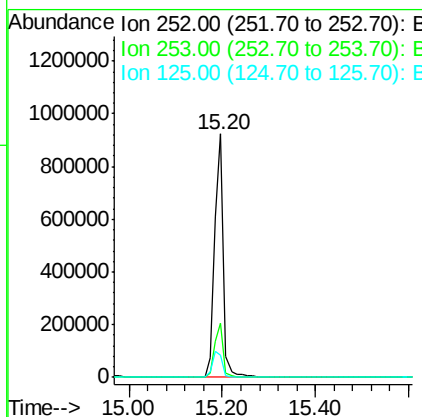
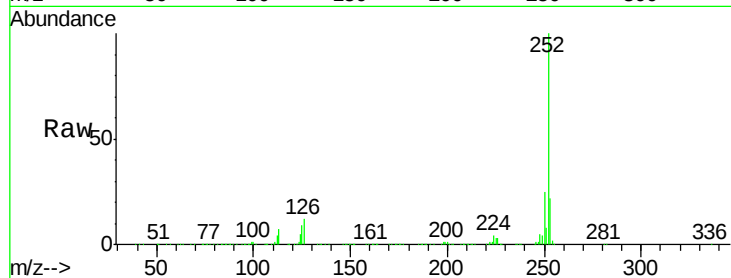
#89
Benzo(a)pyrene
Concen: 45.37 ng
RT: 15.20 min Scan# 1182
Delta R.T. 0.00 min
Lab File: BF091015.D
Acq: 4 Nov 2016 9:53

Instrument :
BNA_F
ClientSampleId :
PB94512BS

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.8	26.8
125	9.4	8.6	13.0

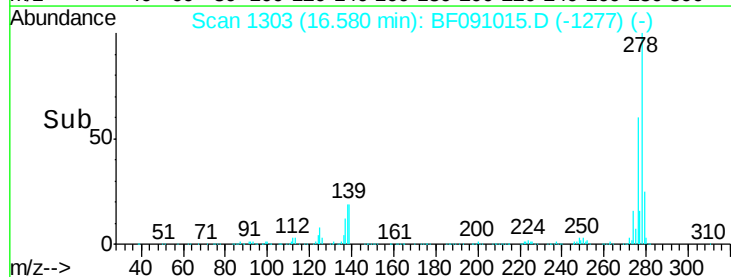
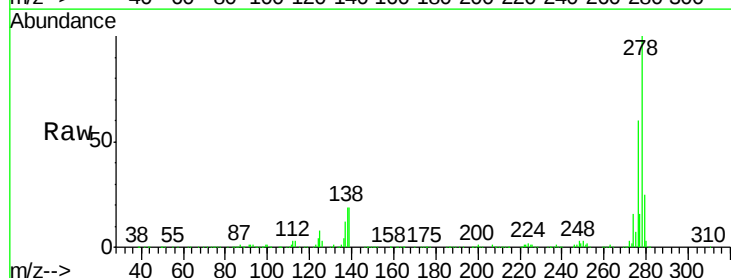
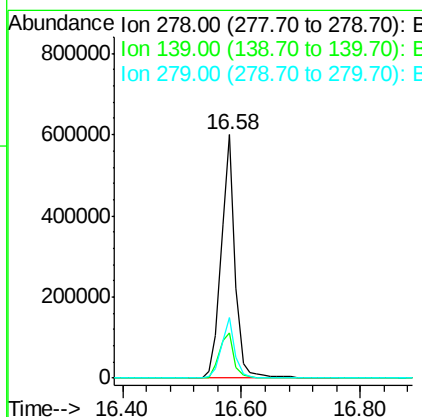
Manual Integrations
APPROVED

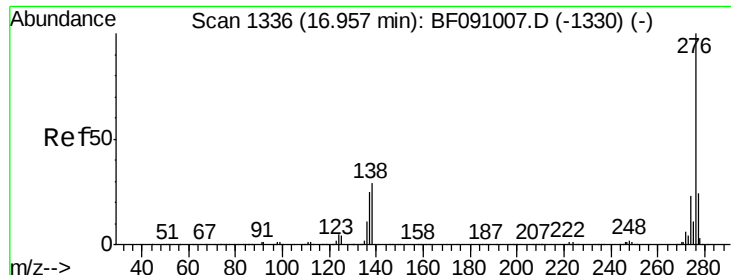
sohil
11/7/2016 4:39:11 PM



#90
Dibenzo(a,h)anthracene
Concen: 42.60 ng
RT: 16.58 min Scan# 1303
Delta R.T. 0.00 min
Lab File: BF091015.D
Acq: 4 Nov 2016 9:53

Tgt Ion	Ratio	Lower	Upper
278	100		
139	18.6	15.3	22.9
279	24.7	19.3	28.9





#91
 Benzo(g,h,i)perylene
 Concen: 45.59 ng
 RT: 16.96 min Scan# 1336
 Delta R.T. 0.00 min
 Lab File: BF091015.D
 Acq: 4 Nov 2016 9:53

Instrument :
 BNA_F
 ClientSampleId :
 PB94512BS

Tgt Ion:	276	Resp:	943763
Ion Ratio		Lower	Upper
276	100		
277	24.2	19.2	28.8
138	27.4	23.3	34.9

Manual Integrations
 APPROVED

sohil
 11/7/2016 4:39:11 PM

