

Data Path : Z:\HPCHEM1\BNA F\DATA\BF111116\
 Data File : BF091157.D
 Acq On : 11 Nov 2016 23:03
 Operator : UM/SJ
 Sample : H5628-01MS
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-COMPMS

Manual Integrations
 APPROVED

sohil
 11/14/2016 6:36:44 PM

Quant Time: Nov 12 00:51:15 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110316.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 08 12:59:29 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.65	152	190126	20.00	ng	-0.01
21) Naphthalene-d8	7.93	136	794079	20.00	ng	-0.02
38) Acenaphthene-d10	9.69	164	406037	20.00	ng	-0.01
63) Phenanthrene-d10	11.16	188	647685	20.00	ng	-0.01
75) Chrysene-d12	13.79	240	459810	20.00	ng	-0.02
86) Perylene-d12	15.15	264	329063	20.00	ng	-0.03

System Monitoring Compounds

5) 2-Fluorophenol	5.24	112	1613845	140.19	ng	0.00
7) Phenol-d6	6.32	99	1953109	125.00	ng	0.00
23) Nitrobenzene-d5	7.22	82	1310308	90.01	ng	-0.02
41) 2,4,6-Tribromophenol	10.48	330	483970	131.84	ng	-0.01
44) 2-Fluorobiphenyl	9.01	172	1963059	83.24	ng	-0.02
78) Terphenyl-d14	12.74	244	1950758	105.87	ng	-0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.17	88	206564	31.37	ng	# 96
3) Pyridine	2.82	79	552490	35.86	ng	98
4) n-Nitrosodimethylamine	2.77	42	254236	41.72	ng	95
6) Aniline	6.32	93	501499	27.21	ng	# 76
8) 2-Chlorophenol	6.43	128	559133	40.72	ng	96
9) Benzaldehyde	6.20	77	54200	6.25	ng	92
10) Phenol	6.33	94	902244	52.17	ng	# 58
11) bis(2-Chloroethyl)ether	6.40	93	639084	43.86	ng	88
12) 1,3-Dichlorobenzene	6.58	146	564406m	40.64	ng	
13) 1,4-Dichlorobenzene	6.66	146	595536	39.96	ng	94
14) 1,2-Dichlorobenzene	6.82	146	555665	40.63	ng	96
15) Benzyl Alcohol	6.81	79	473143	42.93	ng	93
16) 2,2'-oxybis(1-Chloropropan	6.93	45	713607	34.20	ng	# 39
17) 2-Methylphenol	6.93	107	471290	43.35	ng	93
18) Hexachloroethane	7.15	117	225743	39.14	ng	# 88
19) n-Nitroso-di-n-propylamine	7.08	70	473209	43.70	ng	# 90
20) 3+4-Methylphenols	7.08	107	616781	47.26	ng	90
22) Acetophenone	7.07	105	830743	45.44	ng	# 95
24) Nitrobenzene	7.24	77	696193	43.30	ng	98
25) Isophorone	7.48	82	1196407	42.65	ng	98
26) 2-Nitrophenol	7.55	139	296506	43.58	ng	98
27) 2,4-Dimethylphenol	7.61	122	471824	41.94	ng	96
28) bis(2-Chloroethoxy)methane	7.70	93	749979	48.94	ng	99
29) 2,4-Dichlorophenol	7.80	162	437946	44.60	ng	94
30) 1,2,4-Trichlorobenzene	7.88	180	489199	44.31	ng	97
31) Naphthalene	7.95	128	1557885	41.02	ng	99
32) Benzoic acid	7.72	122	67916	11.99	ng	96
33) 4-Chloroaniline	8.02	127	220862	13.98	ng	98
34) Hexachlorobutadiene	8.08	225	287905	48.31	ng	99
35) Caprolactam	8.40	113	141092m	45.73	ng	
36) 4-Chloro-3-methylphenol	8.52	107	541287	45.53	ng	94
37) 2-Methylnaphthalene	8.65	142	1092607	44.76	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.82	216	484519	46.80	ng	99
40) Hexachlorocyclopentadiene	8.80	237	342213	84.78	ng	97

Data Path : Z:\HPCHEM1\BNA F\DATA\BF111116\
 Data File : BF091157.D
 Acq On : 11 Nov 2016 23:03
 Operator : UM/SJ
 Sample : H5628-01MS
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-COMPMS

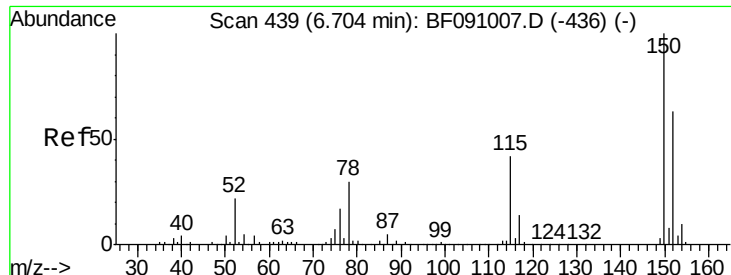
Manual Integrations
 APPROVED

sohil
 11/14/2016 6:36:44 PM

Quant Time: Nov 12 00:51:15 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110316.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 08 12:59:29 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.93	196	306792	45.91	nq	99
43) 2,4,5-Trichlorophenol	8.99	196	288816	41.16	nq	# 92
45) 1,1'-Biphenyl	9.12	154	1308605	44.14	nq	96
46) 2-Chloronaphthalene	9.14	162	1030385	45.77	nq	94
47) 2-Nitroaniline	9.24	65	361190	43.24	nq	99
48) Acenaphthylene	9.54	152	1460528	41.63	nq	100
49) Dimethylphthalate	9.42	163	1561799	58.66	nq	100
50) 2,6-Dinitrotoluene	9.48	165	225477	39.52	nq	99
51) Acenaphthene	9.72	154	904671	41.08	nq	99
52) 3-Nitroaniline	9.65	138	179210	26.49	nq	96
53) 2,4-Dinitrophenol	9.77	184	154013	51.93	nq	# 91
54) Dibenzofuran	9.89	168	1328352	44.81	nq	93
55) 4-Nitrophenol	9.85	139	317895	71.22	nq	# 70
56) 2,4-Dinitrotoluene	9.89	165	344367	47.43	nq	93
57) Fluorene	10.24	166	994780	41.05	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.02	232	261294	47.53	nq	96
59) Diethylphthalate	10.12	149	1186664	43.47	nq	99
60) 4-Chlorophenyl-phenylether	10.22	204	483191	43.81	nq	# 88
61) 4-Nitroaniline	10.27	138	234843	34.31	nq	95
62) Azobenzene	10.38	77	1357734	42.25	nq	91
64) 4,6-Dinitro-2-methylphenol	10.30	198	142164	35.84	nq	91
65) n-Nitrosodiphenylamine	10.35	169	927717	45.06	nq	99
66) 4-Bromophenyl-phenylether	10.72	248	294228	43.67	nq	# 68
67) Hexachlorobenzene	10.77	284	308472	41.52	nq	# 90
68) Atrazine	10.89	200	305097	51.37	nq	98
69) Pentachlorophenol	10.98	266	309990	94.20	nq	99
70) Phenanthrene	11.18	178	1421259	41.28	nq	99
71) Anthracene	11.24	178	1563158	42.70	nq	99
72) Carbazole	11.40	167	1397303	42.36	nq	98
73) Di-n-butylphthalate	11.73	149	1668278	40.21	nq	98
74) Fluoranthene	12.36	202	1413965	39.60	nq	100
76) Benzidine	12.50	184	447758	43.59	nq	97
77) Pyrene	12.59	202	1384356	45.97	nq	100
79) Butylbenzylphthalate	13.22	149	656183	45.56	nq	98
80) Benzo(a)anthracene	13.78	228	1150747	44.08	nq	100
81) 3,3'-Dichlorobenzidine	13.75	252	265080	28.90	nq	# 97
82) Chrysene	13.81	228	956267	37.15	nq	98
83) Bis(2-ethylhexyl)phthalate	13.78	149	888120	45.56	nq	99
84) Di-n-octyl phthalate	14.40	149	1335126	41.66	nq	97
85) Indeno(1,2,3-cd)pyrene	16.44	276	1020726	47.79	nq	98
87) Benzo(b)fluoranthene	14.79	252	1014968m	45.48	nq	
88) Benzo(k)fluoranthene	14.81	252	783394m	40.01	nq	
89) Benzo(a)pyrene	15.11	252	877067	45.14	nq	99
90) Dibenzo(a,h)anthracene	16.44	278	837128	49.84	nq	99
91) Benzo(g,h,i)perylene	16.82	276	821397	54.08	nq	# 93

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



#1

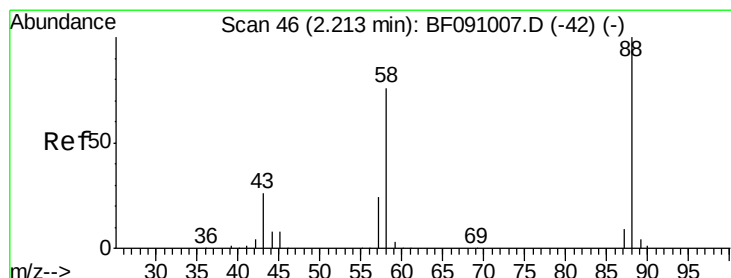
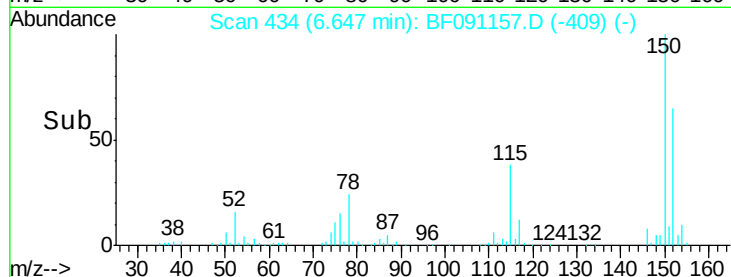
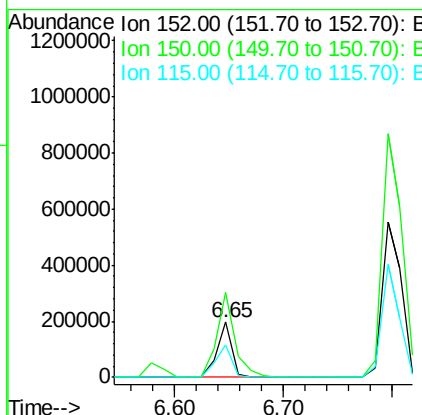
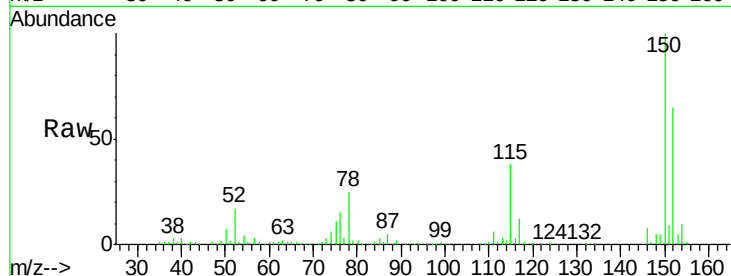
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.65 min Scan# 434
Delta R.T. -0.01 min
Lab File: BF091157.D
Acq: 11 Nov 2016 23:03

Instrument :
BNA_F
ClientSampleId :
SB-COMPMS

Tot Ion	Ratio	Lower	Upper
152	100		
150	153.4	126.8	190.2
115	58.6	53.3	79.9

Manual Integrations
APPROVED

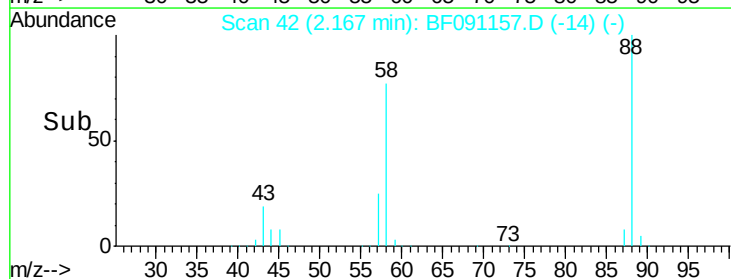
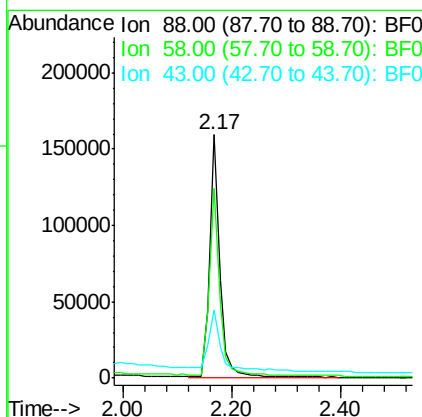
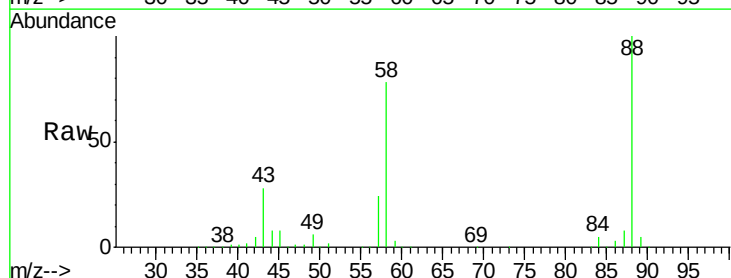
sohil
11/14/2016 6:36:44 PM

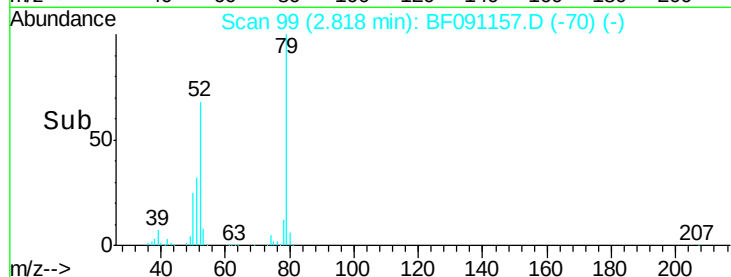
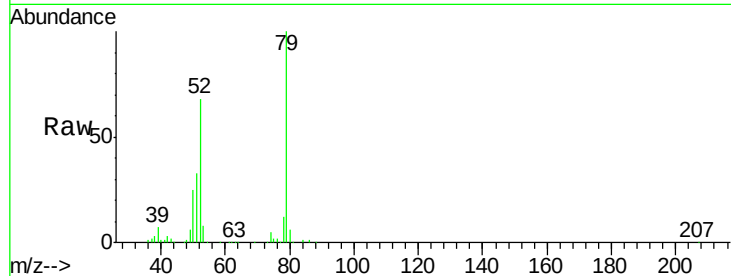
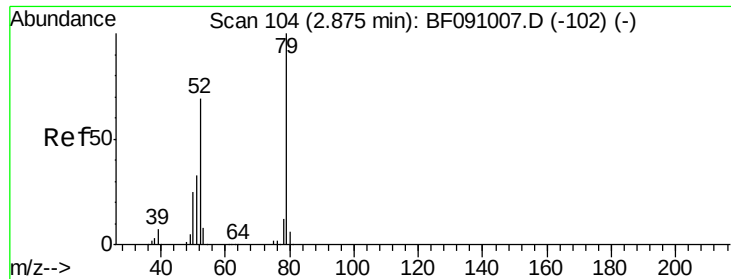


#2

1,4-Dioxane
Concen: 31.37 ng
RT: 2.17 min Scan# 42
Delta R.T. 0.02 min
Lab File: BF091157.D
Acq: 11 Nov 2016 23:03

Tgt Ion	Ratio	Lower	Upper
88	100		
58	78.5	63.8	95.6
43	34.3	22.6	33.8





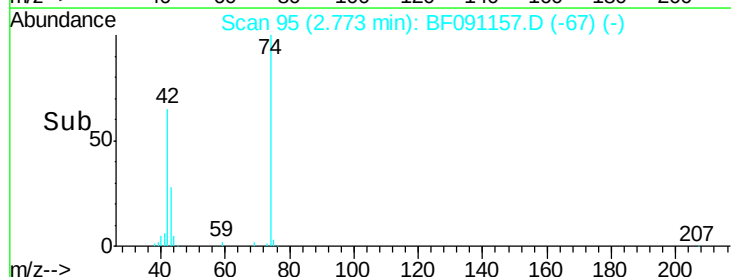
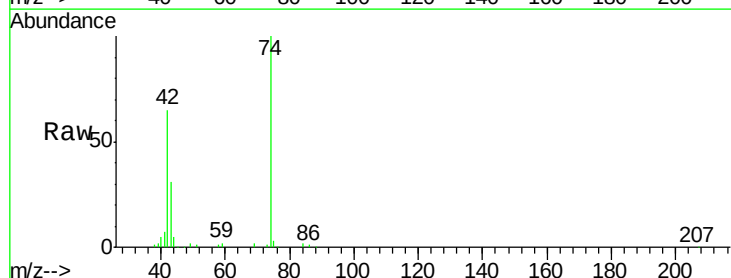
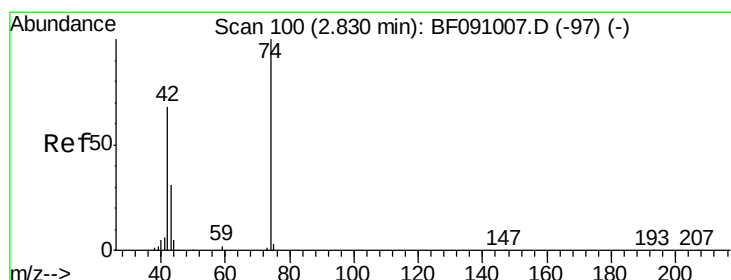
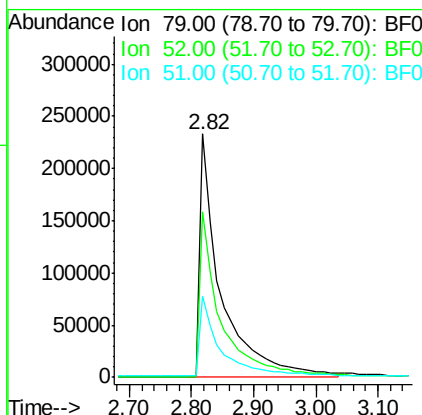
#3
 Pvridine
 Concen: 35.86 ng
 RT: 2.82 min Scan# 99
 Delta R.T. 0.03 min
 Lab File: BF091157.D
 Acq: 11 Nov 2016 23:03

Tot Ion	Ion	Ratio	Resp	Lower	Upper
79	79	100	552490		
52	52	68.1		55.4	83.0
51	51	33.1		27.4	41.0

Instrument :
 BNA_F
 ClientSampleId :
 SB-COMPMS

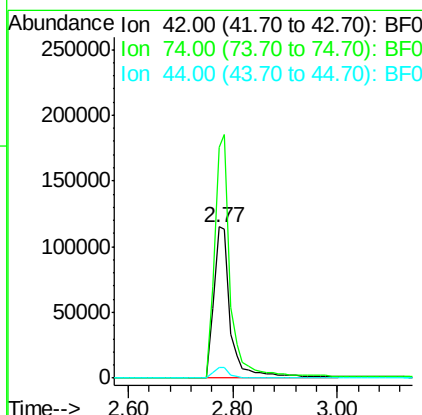
Manual Integrations
 APPROVED

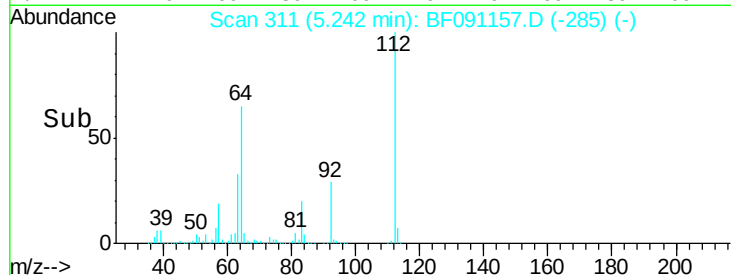
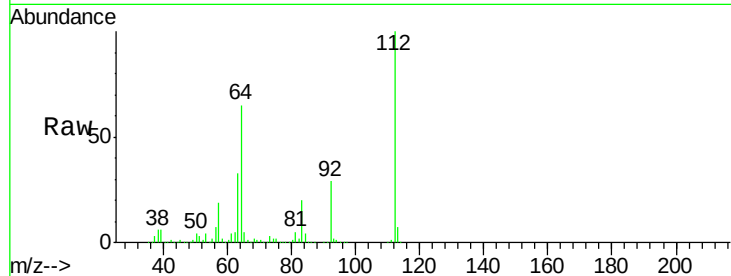
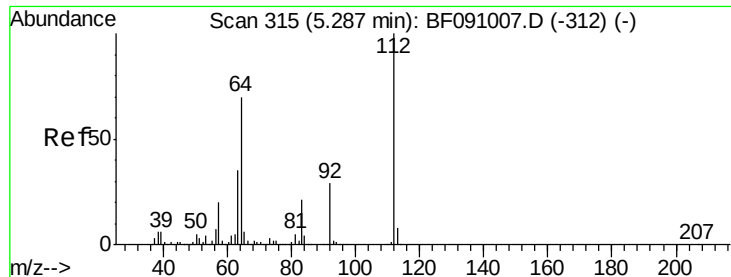
sohil
 11/14/2016 6:36:44 PM



#4
 n-Nitrosodimethylamine
 Concen: 41.72 ng
 RT: 2.77 min Scan# 95
 Delta R.T. 0.02 min
 Lab File: BF091157.D
 Acq: 11 Nov 2016 23:03

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
42	42	100	254236		
74	74	153.2		117.3	175.9
44	44	7.3		5.8	8.8





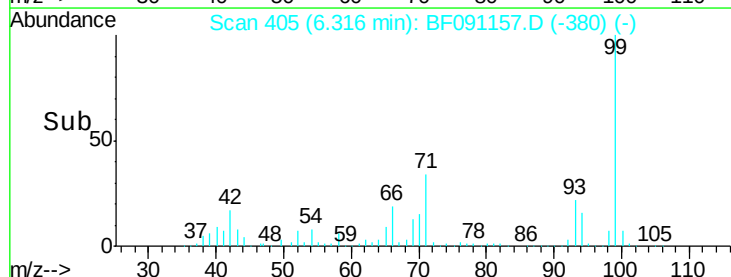
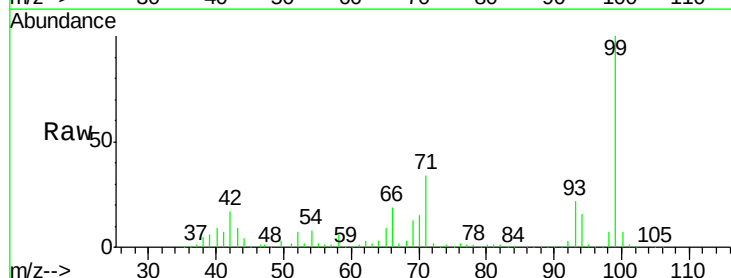
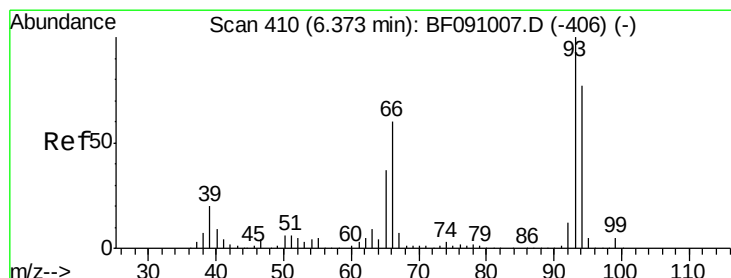
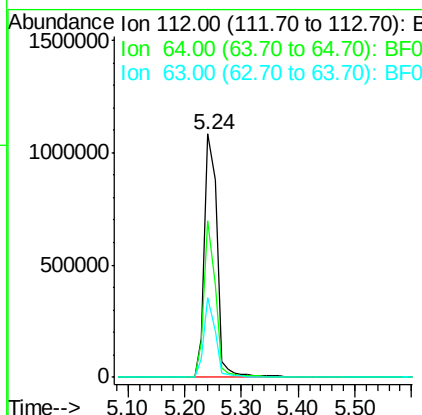
#5
2-Fluorophenol
Concen: 140.19 ng
RT: 5.24 min Scan# 311
Delta R.T. 0.00 min
Lab File: BF091157.D
Acq: 11 Nov 2016 23:03

Tot Ion	Ratio	Lower	Upper
112	100		
64	64.5	55.8	83.6
63	32.9	28.0	42.0

Instrument :
BNA_F
ClientSampleId :
SB-COMPMS

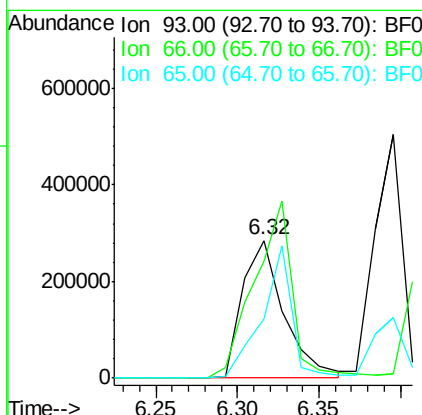
Manual Integrations
APPROVED

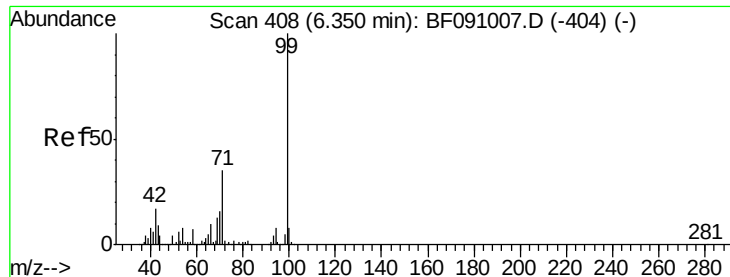
sohil
11/14/2016 6:36:44 PM



#6
Aniline
Concen: 27.21 ng
RT: 6.32 min Scan# 405
Delta R.T. -0.01 min
Lab File: BF091157.D
Acq: 11 Nov 2016 23:03

Tgt Ion	Ratio	Lower	Upper
93	100		
66	85.0	48.2	72.2#
65	42.9	29.4	44.0





#7

Phenol-d6

Concen: 125.00 ng

RT: 6.32 min Scan# 405

Delta R.T. 0.00 min

Lab File: BF091157.D

Acq: 11 Nov 2016 23:03

Instrument :

BNA_F

ClientSampleId :

SB-COMPMS

Tot Ion: 99 Resp: 1953109

Ion Ratio Lower Upper

99 100

42 16.8 13.9 20.9

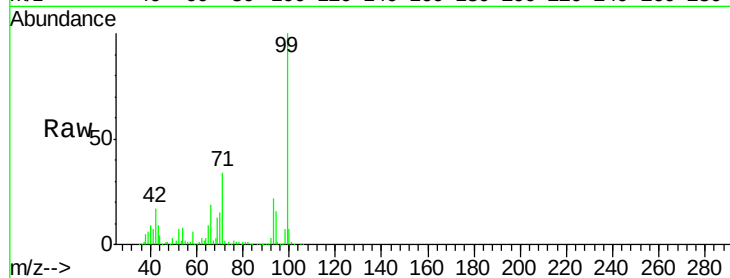
71 33.6 27.8 41.8

Manual Integrations

APPROVED

sohil

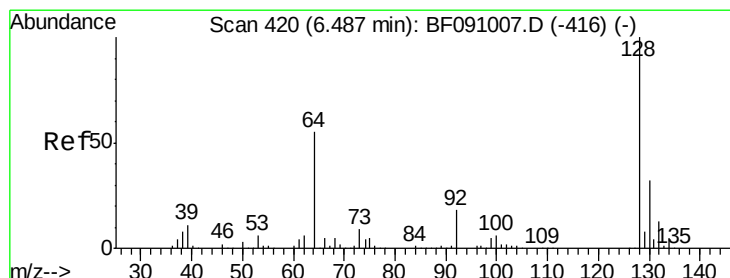
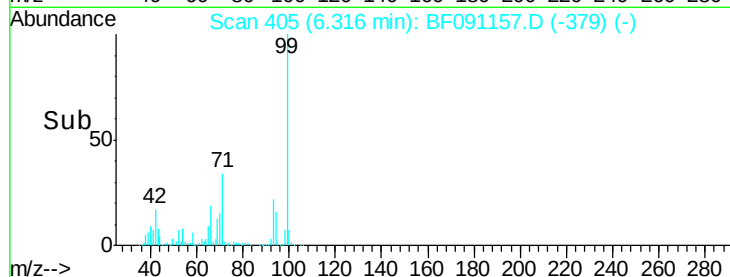
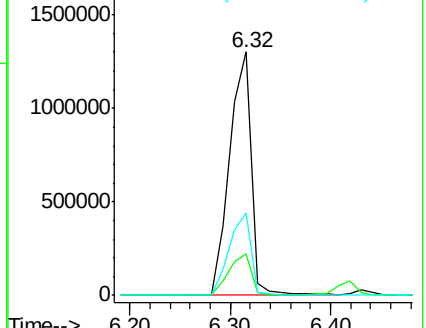
11/14/2016 6:36:44 PM



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 40.72 ng

RT: 6.43 min Scan# 415

Delta R.T. -0.02 min

Lab File: BF091157.D

Acq: 11 Nov 2016 23:03

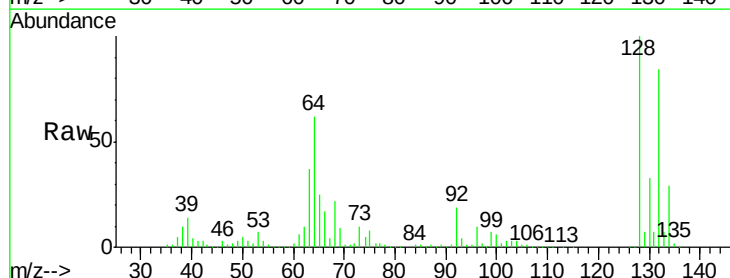
Tgt Ion: 128 Resp: 559133

Ion Ratio Lower Upper

128 100

130 32.6 12.0 52.0

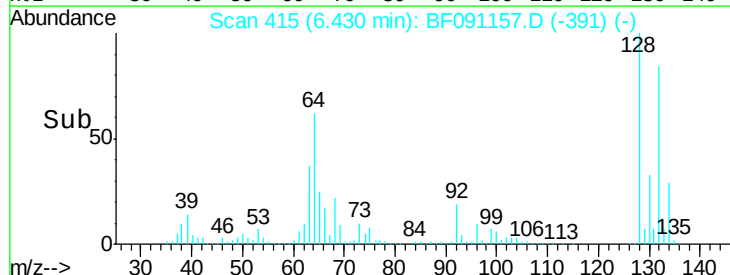
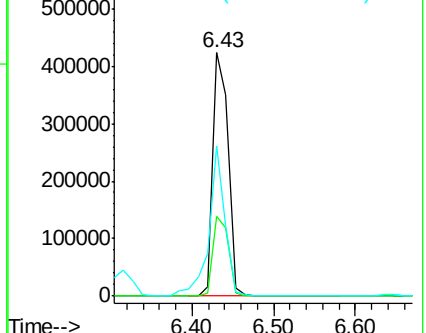
64 61.8 37.2 77.2

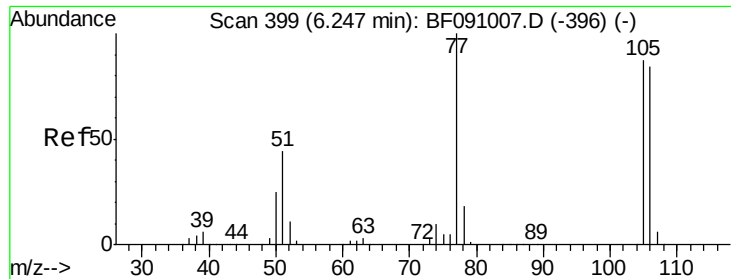


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 6.25 ng

RT: 6.20 min Scan# 395

Delta R.T. 0.00 min

Lab File: BF091157.D

Acq: 11 Nov 2016 23:03

Instrument :

BNA_F

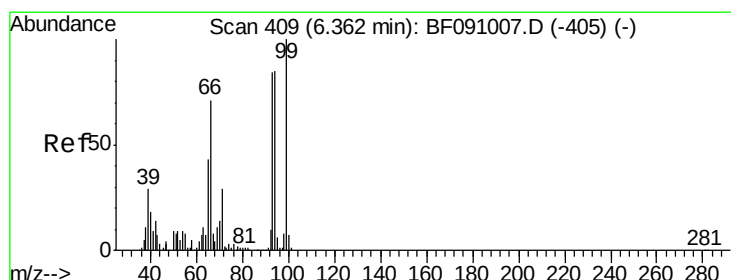
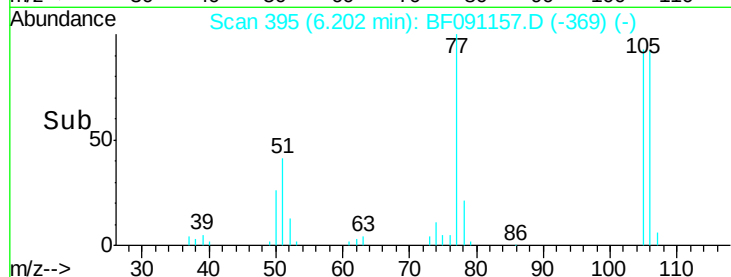
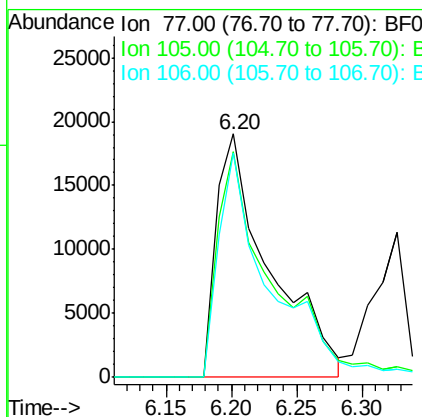
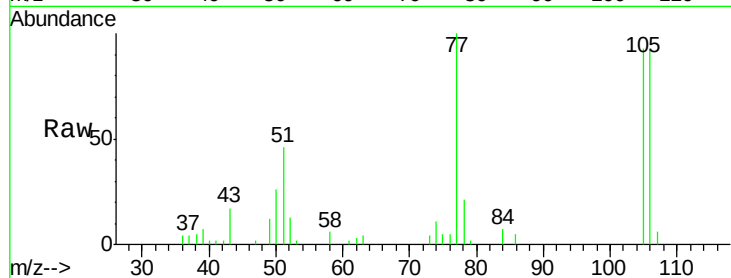
ClientSampleId :

SB-COMPMS

Tot Ion:	77	Resp:	54200
Ion	Ratio	Lower	Upper
77	100		
105	92.7	66.8	106.8
106	92.3	64.0	104.0

Manual Integrations
APPROVED

sohil
11/14/2016 6:36:44 PM



#10

Phenol

Concen: 52.17 ng

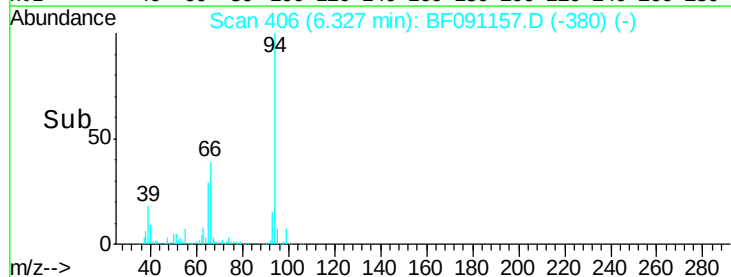
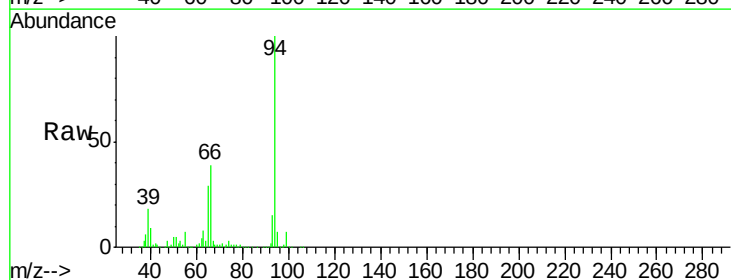
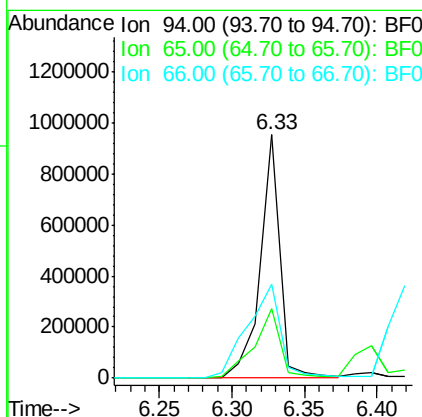
RT: 6.33 min Scan# 406

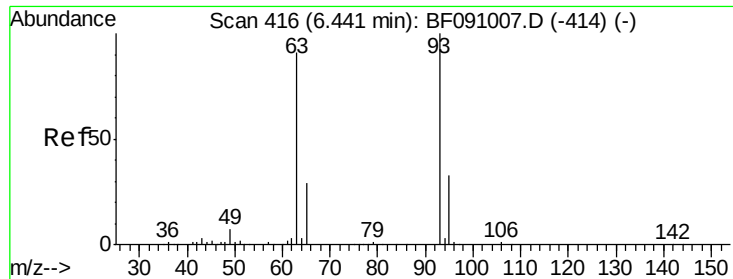
Delta R.T. 0.00 min

Lab File: BF091157.D

Acq: 11 Nov 2016 23:03

Tgt Ion:	94	Resp:	902244
Ion	Ratio	Lower	Upper
94	100		
65	28.8	30.4	70.4#
66	38.5	62.9	102.9#





#11

bis(2-Chloroethyl)ether

Concen: 43.86 ng

RT: 6.40 min Scan# 412

Delta R.T. -0.01 min

Lab File: BF091157.D

Acq: 11 Nov 2016 23:03

Instrument :

BNA_F

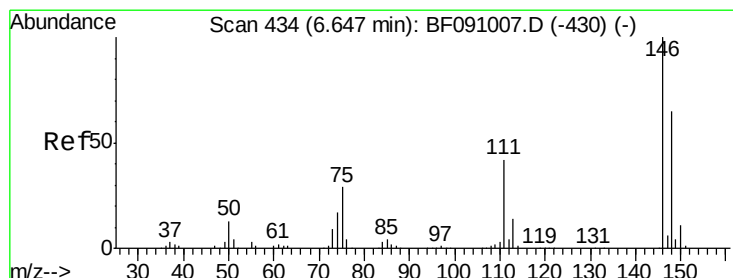
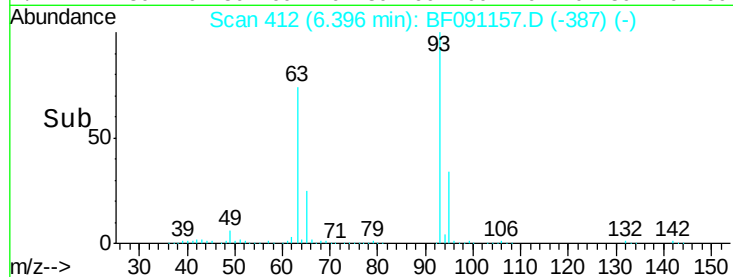
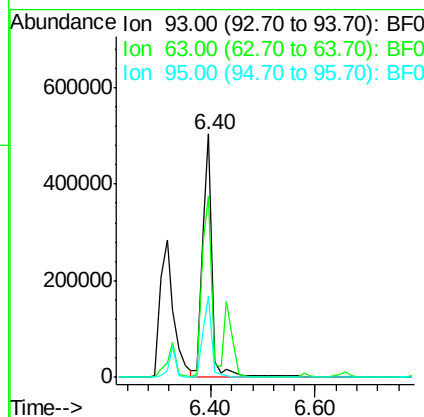
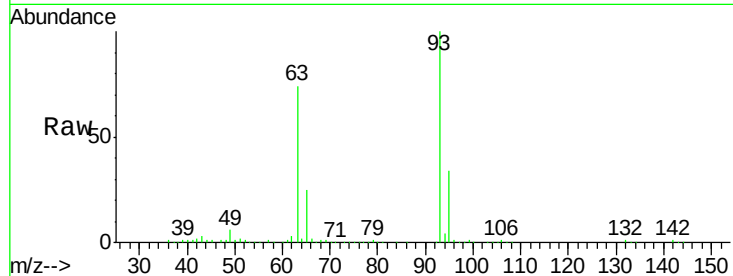
ClientSampleId :

SB-COMPMS

Tot Ion:	93	Resp:	639084
Ion	Ratio	Lower	Upper
93	100		
63	74.4	68.9	108.9
95	33.5	12.3	52.3

Manual Integrations
APPROVED

sohil
11/14/2016 6:36:44 PM



#12

1,3-Dichlorobenzene

Concen: 40.64 ng m

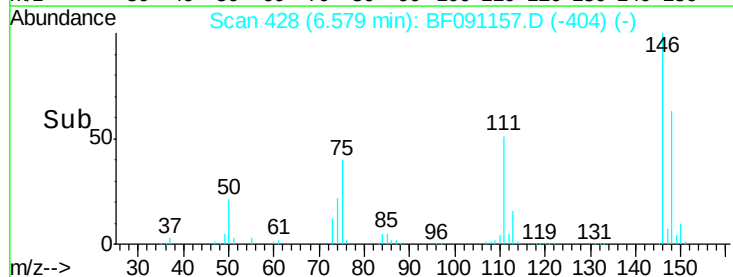
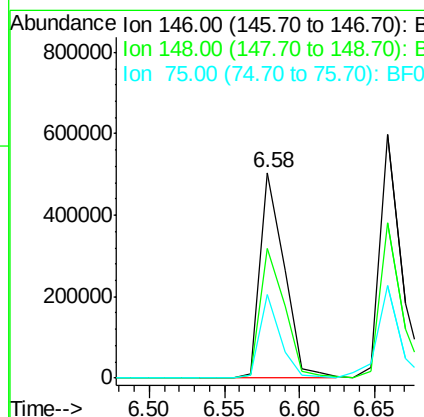
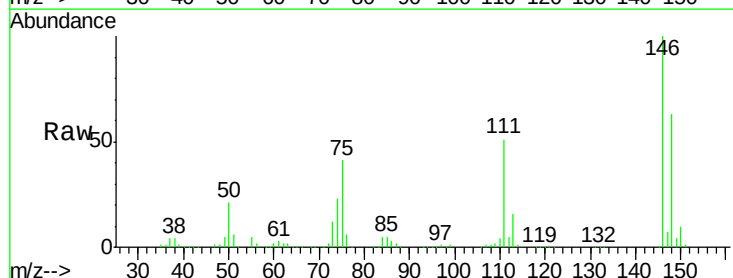
RT: 6.58 min Scan# 428

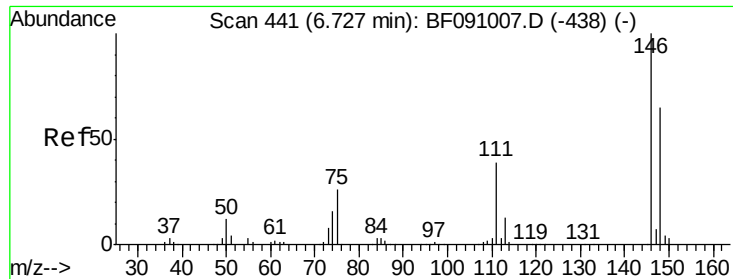
Delta R.T. -0.02 min

Lab File: BF091157.D

Acq: 11 Nov 2016 23:03

Tgt Ion:	146	Resp:	564406
Ion	Ratio	Lower	Upper
146	100		
148	63.2	52.0	78.0
75	40.6	23.0	34.6#





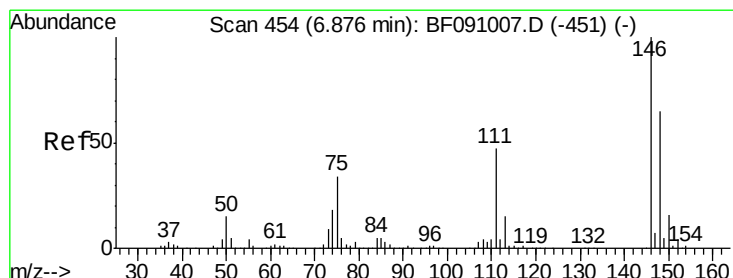
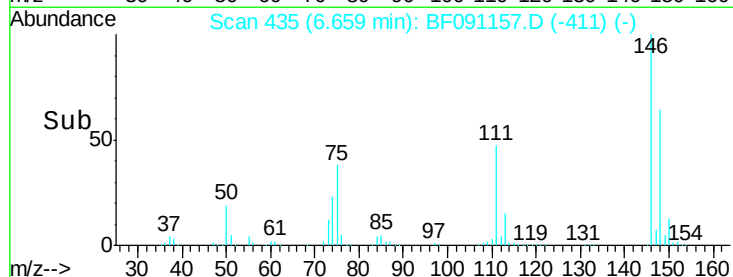
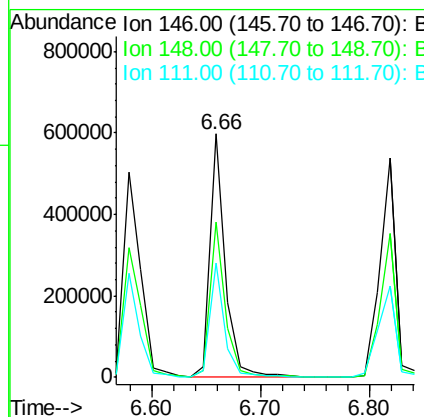
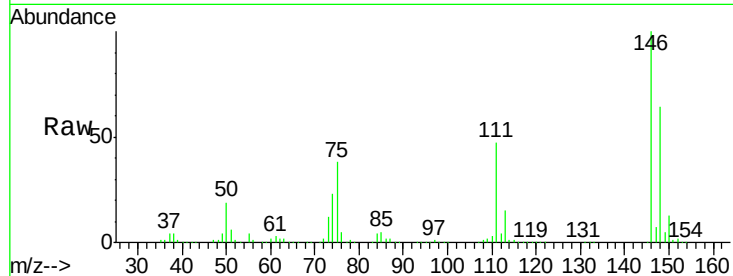
#13
1,4-Dichlorobenzene
Concen: 39.96 ng
RT: 6.66 min Scan# 435
Delta R.T. -0.02 min
Lab File: BF091157.D
Acq: 11 Nov 2016 23:03

Instrument :
BNA_F
ClientSampleId :
SB-COMPMS

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.7	52.1	78.1
111	46.8	31.6	47.4

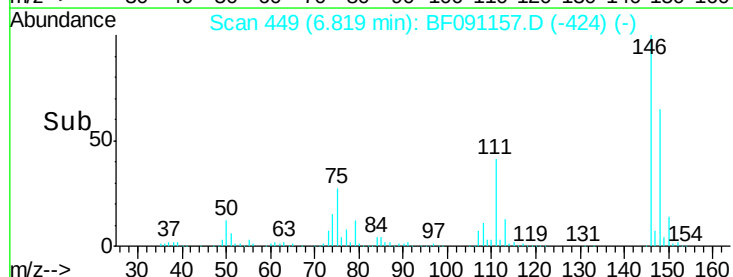
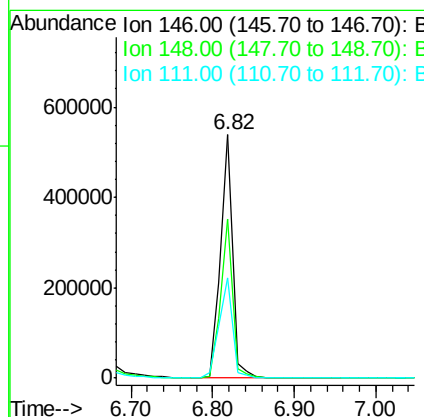
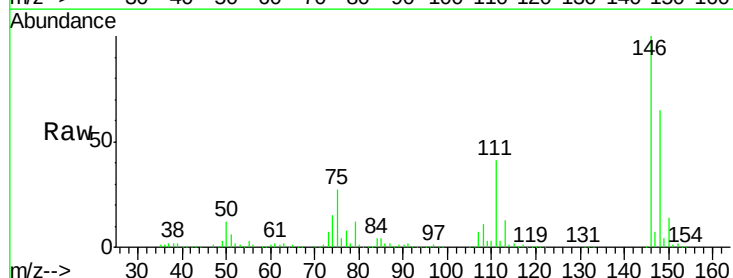
Manual Integrations
APPROVED

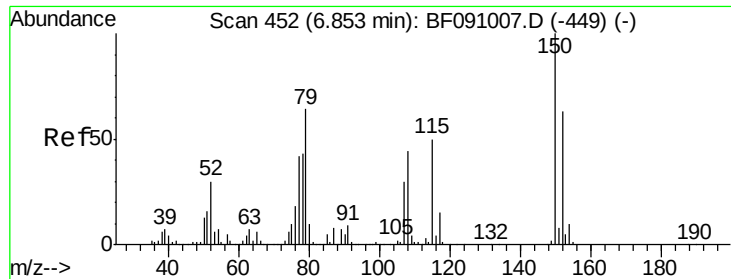
sohil
11/14/2016 6:36:44 PM



#14
1,2-Dichlorobenzene
Concen: 40.63 ng
RT: 6.82 min Scan# 449
Delta R.T. -0.01 min
Lab File: BF091157.D
Acq: 11 Nov 2016 23:03

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.5	51.6	77.4
111	41.4	37.3	55.9





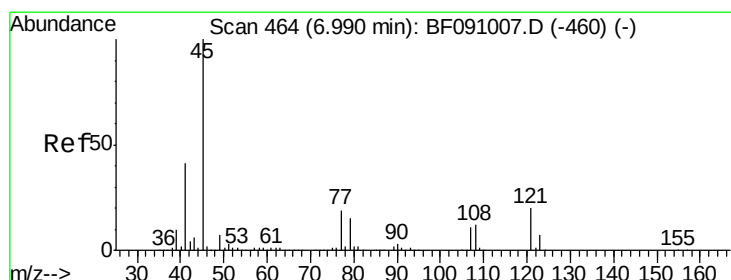
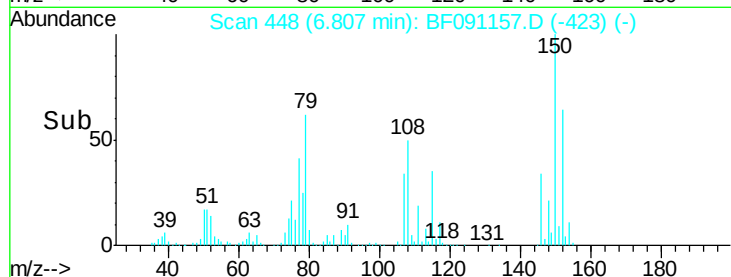
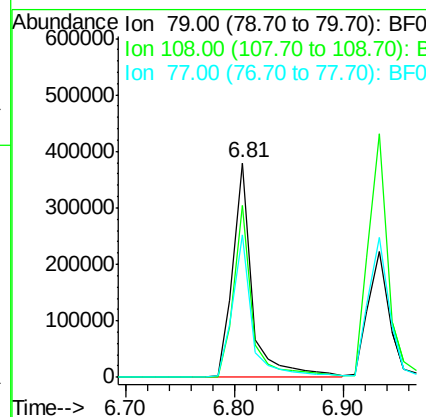
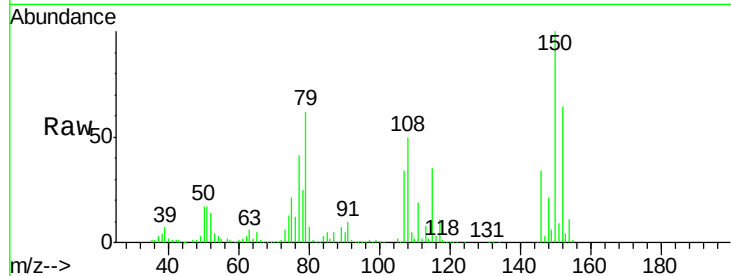
#15
Benzyl Alcohol
Concen: 42.93 ng
RT: 6.81 min Scan# 448
Delta R.T. -0.01 min
Lab File: BF091157.D
Acq: 11 Nov 2016 23:03

Instrument :
BNA_F
ClientSampleId :
SB-COMPMS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
79	100				
108	80.0	55.7	83.5		
77	66.3	52.6	79.0		

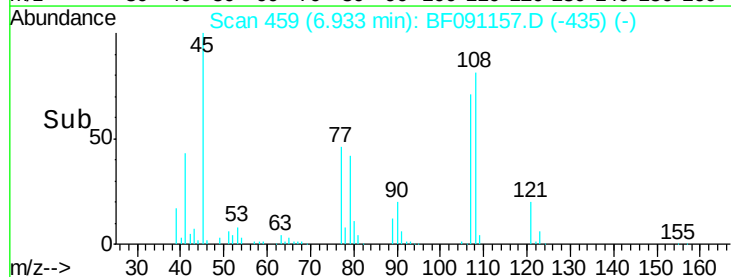
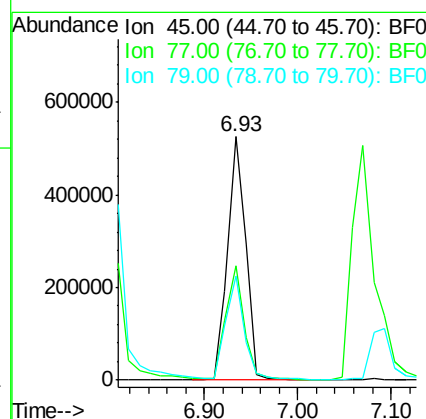
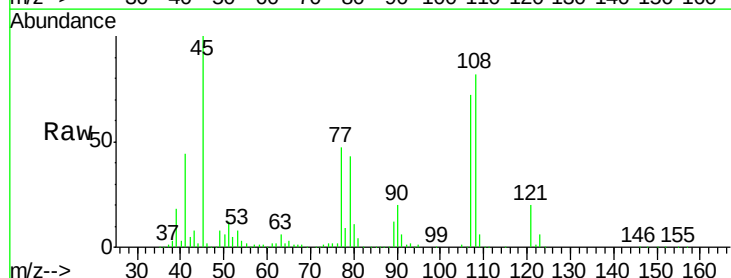
Manual Integrations
APPROVED

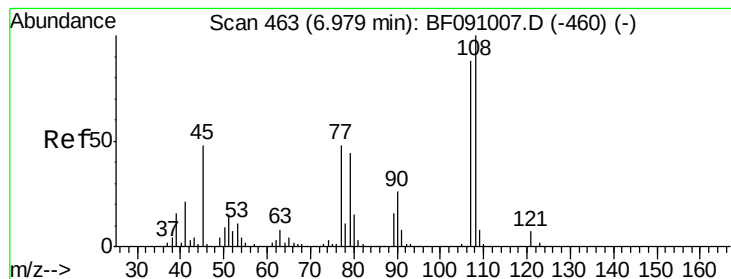
sohil
11/14/2016 6:36:44 PM



#16
2,2'-oxybis(1-Chloropropane)
Concen: 34.20 ng
RT: 6.93 min Scan# 459
Delta R.T. -0.02 min
Lab File: BF091157.D
Acq: 11 Nov 2016 23:03

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
45	100				
77	46.9	0.0	39.6#		
79	42.5	0.0	35.9#		





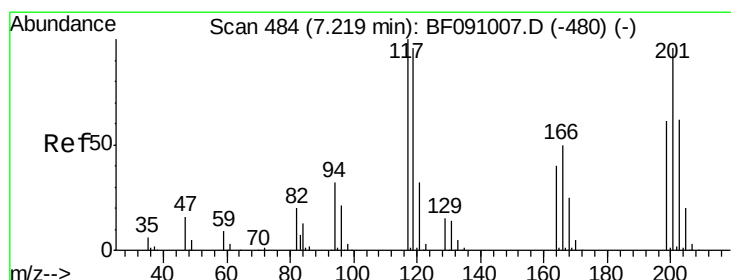
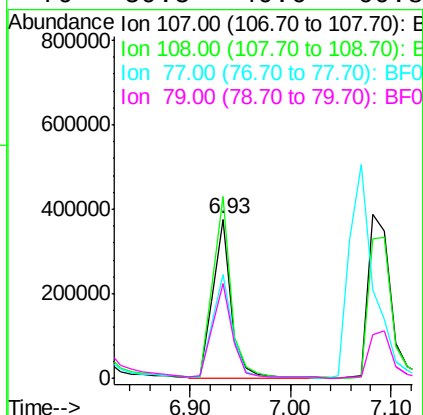
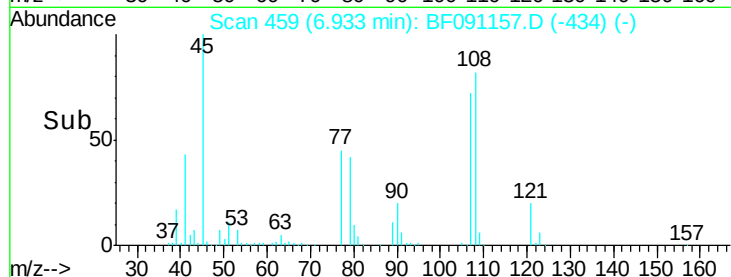
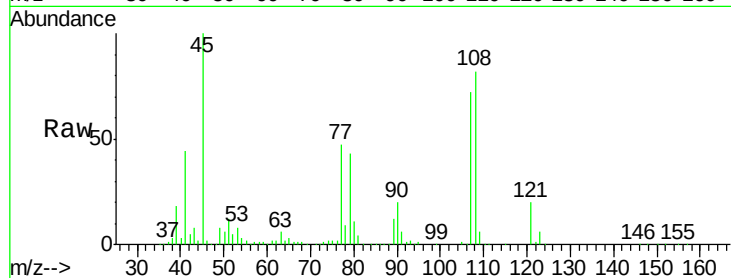
#17
2-Methylphenol
Concen: 43.35 ng
RT: 6.93 min Scan# 459
Delta R.T. -0.01 min
Lab File: BF091157.D
Acq: 11 Nov 2016 23:03

Instrument :
BNA_F
ClientSampleId :
SB-COMPMS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	114.6	91.0	136.6	
77	65.6	43.8	65.8	
79	59.5	40.6	60.8	

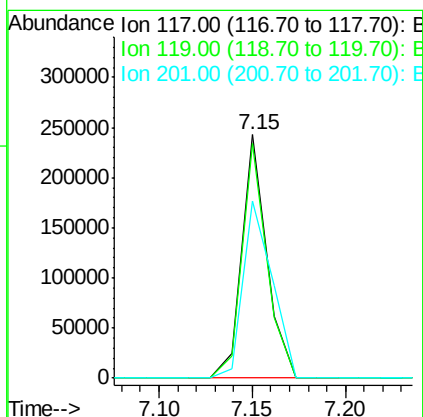
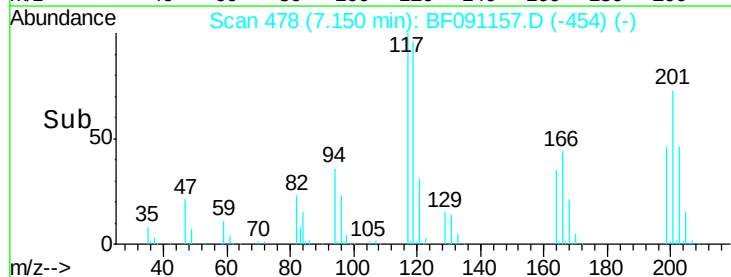
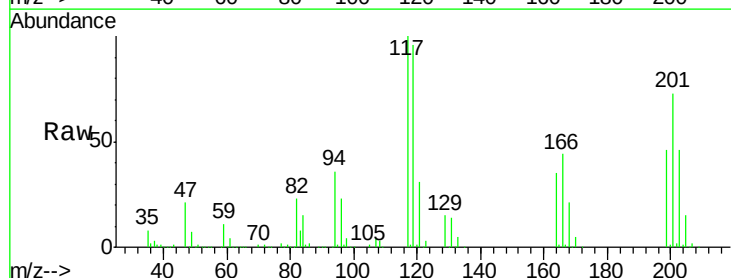
Manual Integrations
APPROVED

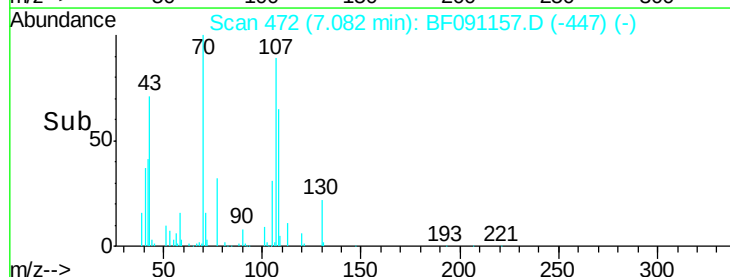
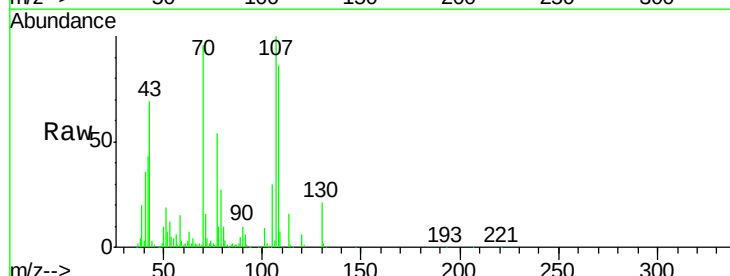
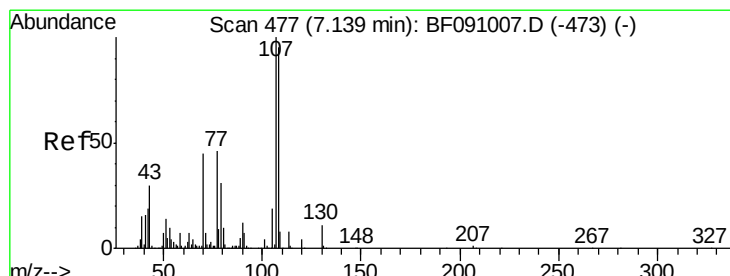
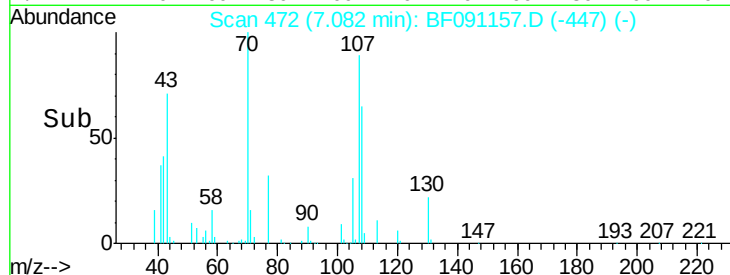
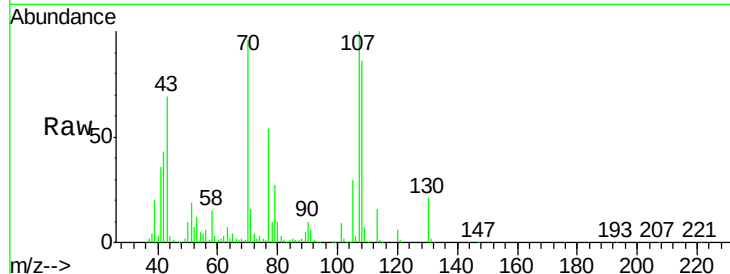
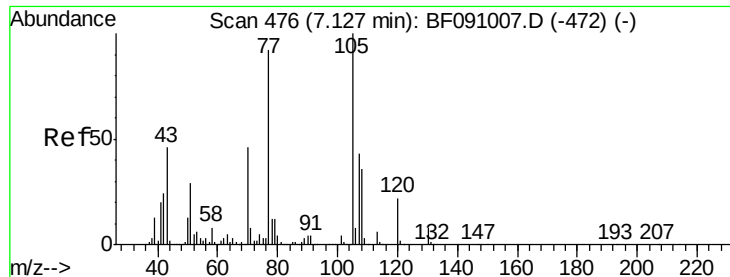
sohil
11/14/2016 6:36:44 PM



#18
Hexachloroethane
Concen: 39.14 ng
RT: 7.15 min Scan# 478
Delta R.T. -0.02 min
Lab File: BF091157.D
Acq: 11 Nov 2016 23:03

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	96.1	76.6	115.0	
201	72.7	77.1	115.7#	





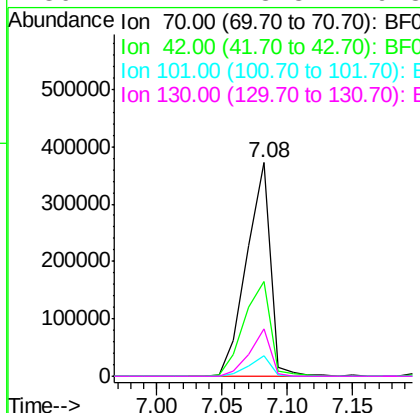
#19
n-Nitroso-di-n-propylamine
Concen: 43.70 ng
RT: 7.08 min Scan# 472
Delta R.T. -0.01 min
Lab File: BF091157.D
Acq: 11 Nov 2016 23:03

Instrument :
BNA_F
ClientSampleId :
SB-COMPMS

Tot Ion	Ratio	Lower	Upper
70	100		
42	44.3	41.7	62.5
101	9.4	6.7	10.1
130	22.2	13.8	20.8

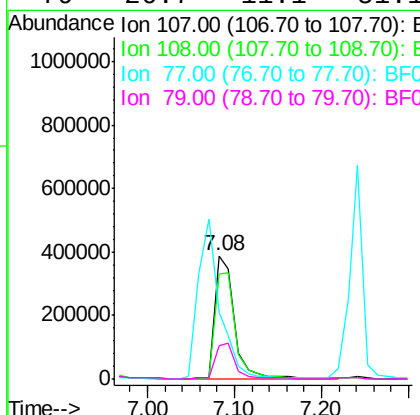
Manual Integrations
APPROVED

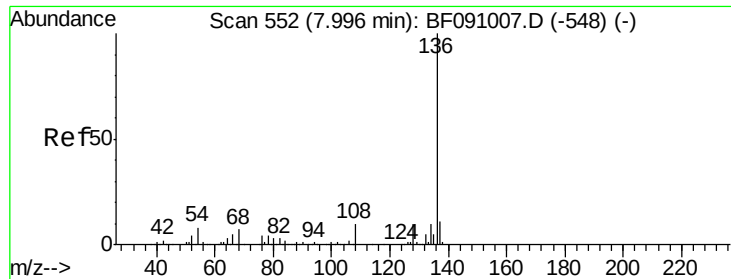
sohil
11/14/2016 6:36:44 PM



#20
3+4-Methylphenols
Concen: 47.26 ng
RT: 7.08 min Scan# 472
Delta R.T. -0.01 min
Lab File: BF091157.D
Acq: 11 Nov 2016 23:03

Tgt Ion	Ratio	Lower	Upper
107	100		
108	85.5	75.5	115.5
77	54.4	26.4	66.4
79	26.7	11.1	51.1





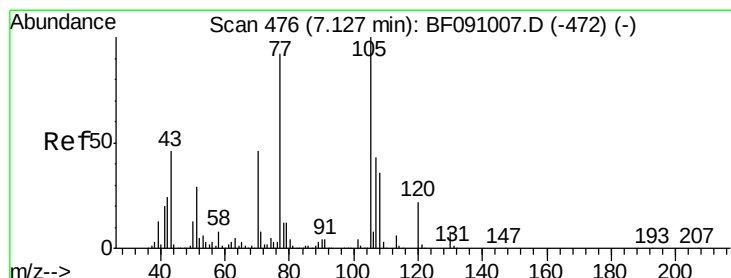
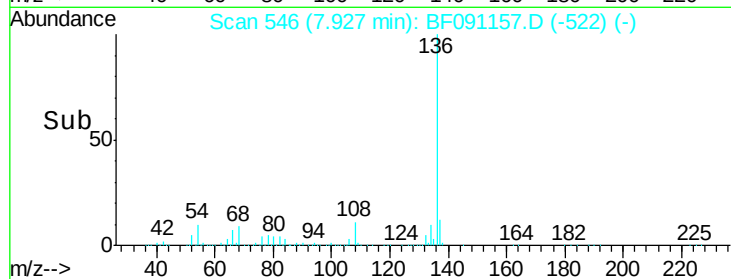
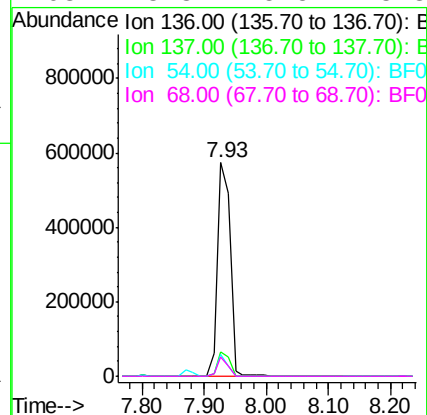
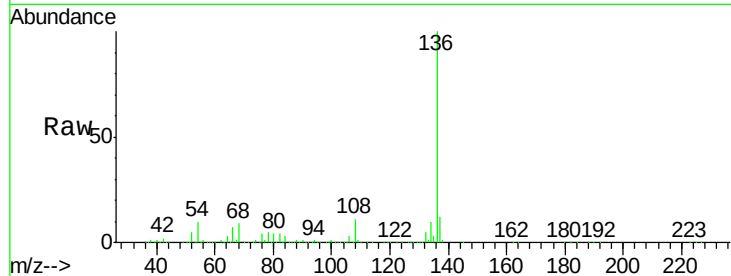
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.93 min Scan# 546
Delta R.T. -0.02 min
Lab File: BF091157.D
Acq: 11 Nov 2016 23:03

Instrument :
BNA_F
ClientSampleId :
SB-COMPMS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	794079		
137	11.6	8.9	13.3	
54	10.5	6.2	9.2#	
68	8.8	5.5	8.3#	

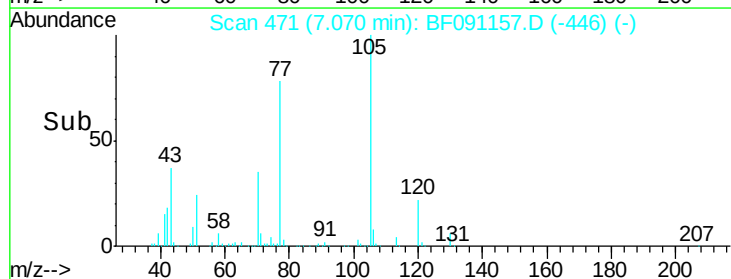
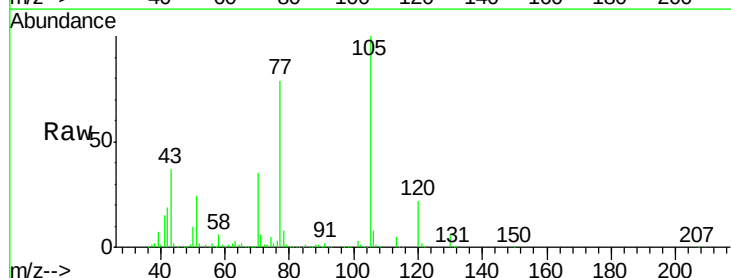
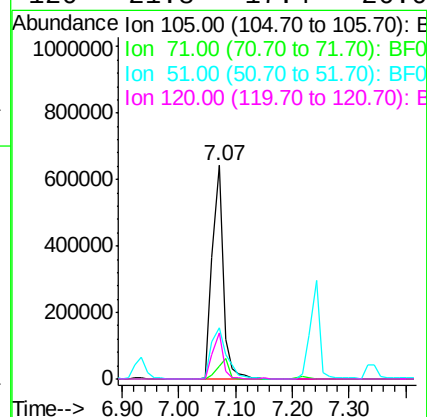
Manual Integrations
APPROVED

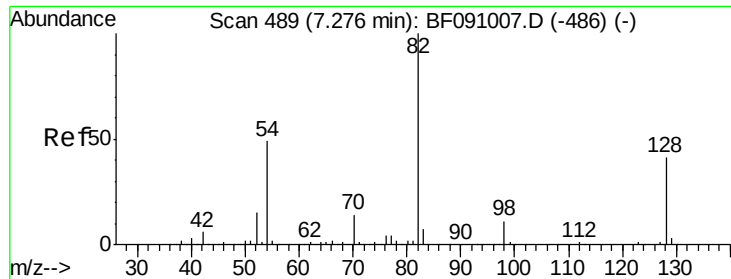
sohil
11/14/2016 6:36:44 PM



#22
Acetophenone
Concen: 45.44 ng
RT: 7.07 min Scan# 471
Delta R.T. -0.01 min
Lab File: BF091157.D
Acq: 11 Nov 2016 23:03

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	830743		
71	6.0	6.2	9.2#	
51	24.0	23.3	34.9	
120	21.8	17.4	26.0	





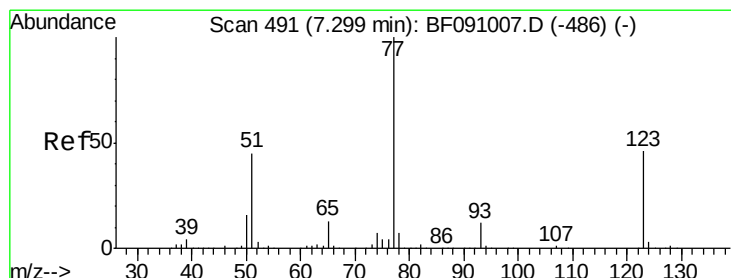
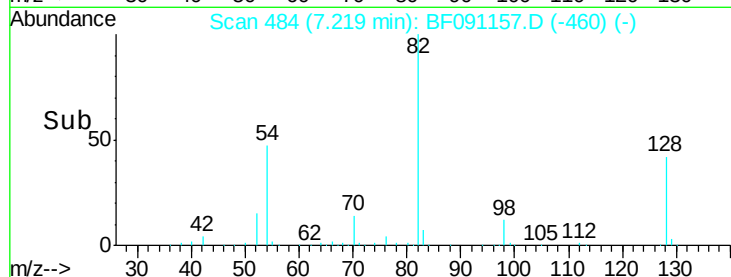
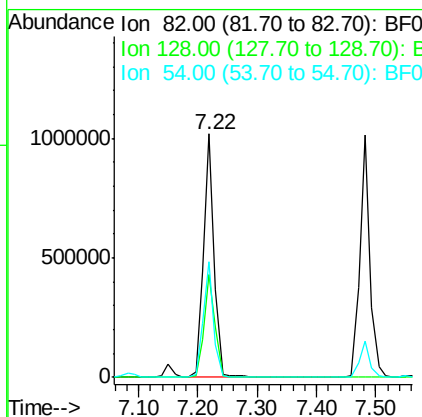
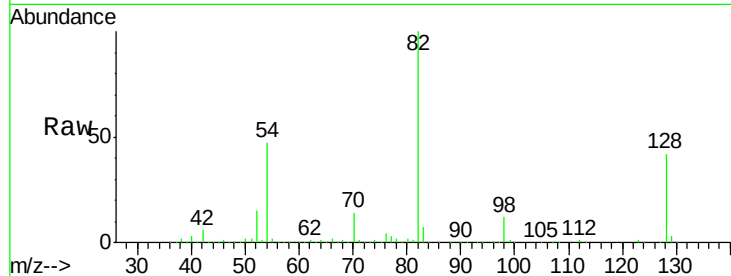
#23
Nitrobenzene-d5
Concen: 90.01 ng
RT: 7.22 min Scan# 484
Delta R.T. -0.02 min
Lab File: BF091157.D
Acq: 11 Nov 2016 23:03

Instrument :
BNA_F
ClientSampleId :
SB-COMPMS

Tot Ion: 82 Resp: 1310308
Ion Ratio Lower Upper
82 100
128 42.2 32.4 48.6
54 47.4 39.2 58.8

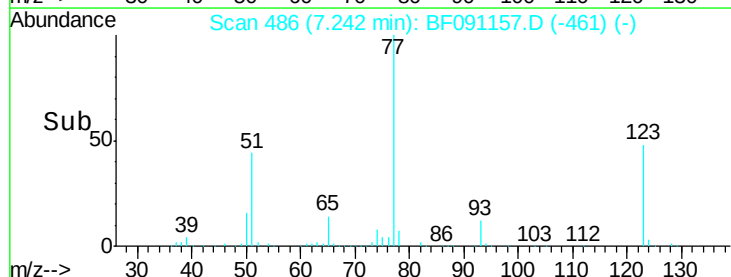
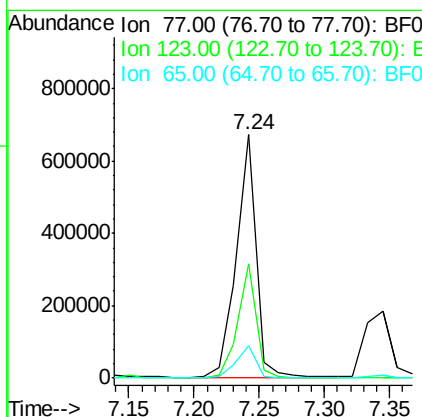
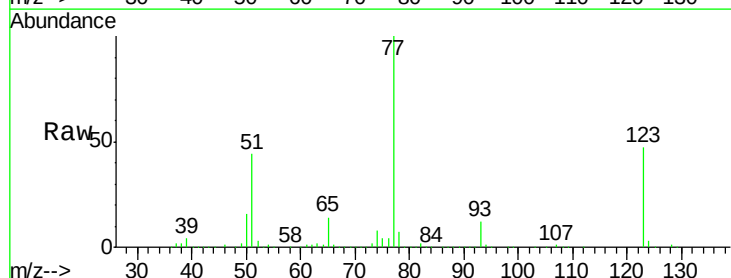
Manual Integrations
APPROVED

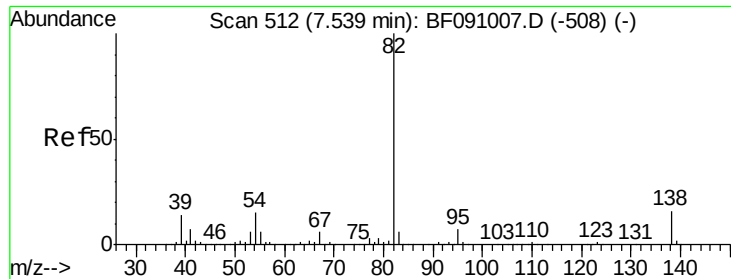
sohil
11/14/2016 6:36:44 PM



#24
Nitrobenzene
Concen: 43.30 ng
RT: 7.24 min Scan# 486
Delta R.T. -0.01 min
Lab File: BF091157.D
Acq: 11 Nov 2016 23:03

Tgt Ion: 77 Resp: 696193
Ion Ratio Lower Upper
77 100
123 46.8 36.5 54.7
65 13.5 10.7 16.1





#25

Isophorone

Concen: 42.65 ng

RT: 7.48 min Scan# 507

Delta R.T. -0.01 min

Lab File: BF091157.D

Acq: 11 Nov 2016 23:03

Instrument :

BNA_F

ClientSampleId :

SB-COMPMS

Tot Ion: 82 Resp: 1196407

Ion Ratio Lower Upper

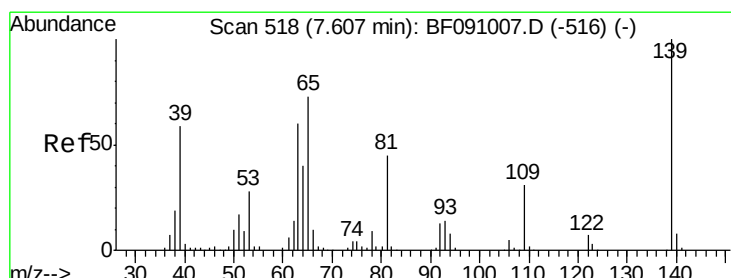
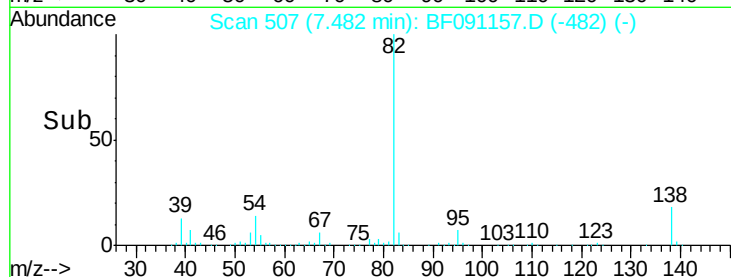
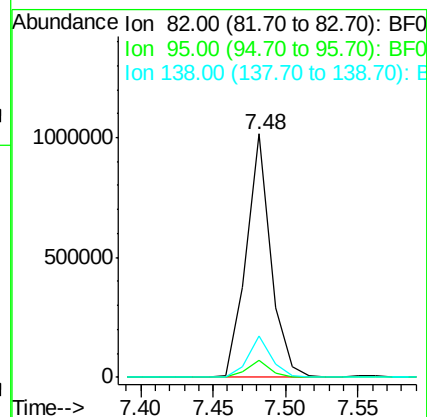
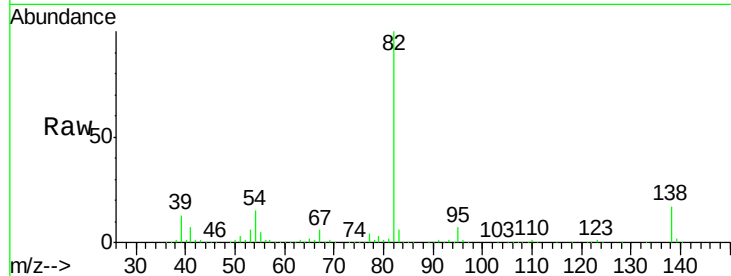
82 100

95 7.0 5.4 8.0

138 17.2 13.0 19.4

Manual Integrations
APPROVED

sohil
11/14/2016 6:36:44 PM



#26

2-Nitrophenol

Concen: 43.58 ng

RT: 7.55 min Scan# 513

Delta R.T. -0.02 min

Lab File: BF091157.D

Acq: 11 Nov 2016 23:03

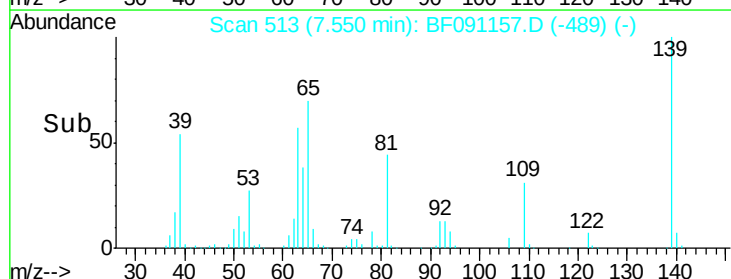
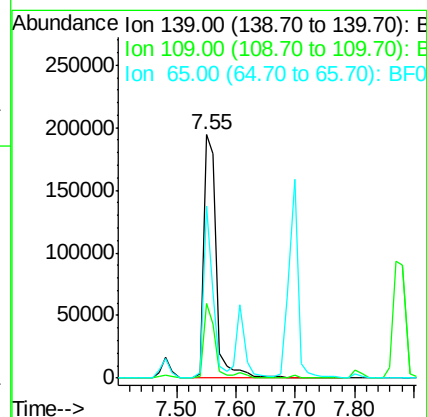
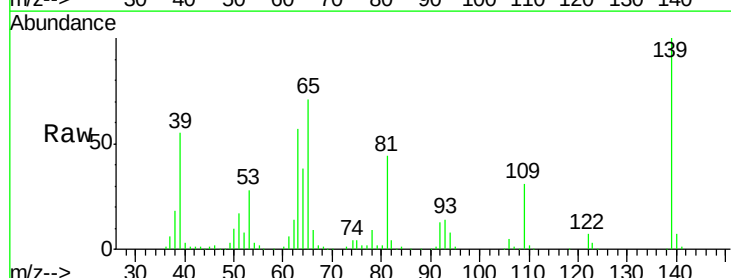
Tgt Ion: 139 Resp: 296506

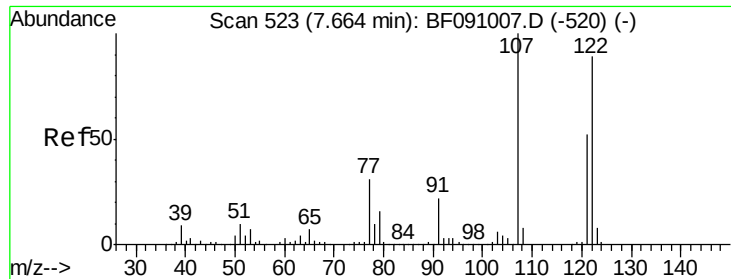
Ion Ratio Lower Upper

139 100

109 30.7 24.7 37.1

65 70.5 58.3 87.5





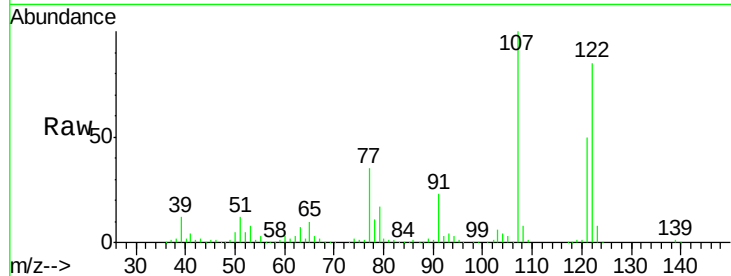
#27
2,4-Dimethylphenol
Concen: 41.94 ng
RT: 7.61 min Scan# 518
Delta R.T. -0.01 min
Lab File: BF091157.D
Acq: 11 Nov 2016 23:03

Instrument :
BNA_F
ClientSampleId :
SB-COMPMS

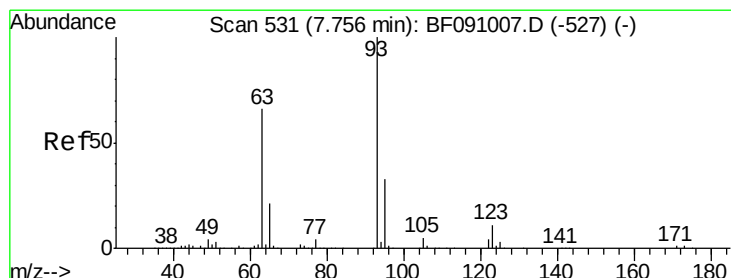
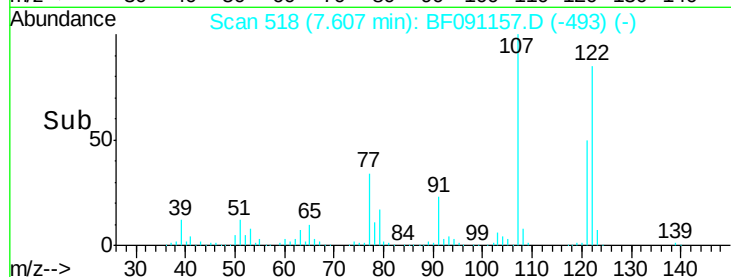
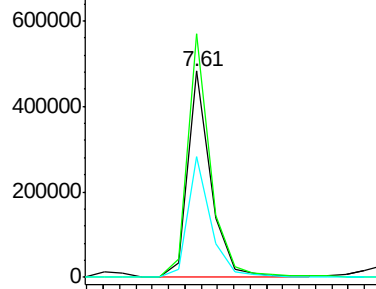
Tot Ion	Ratio	Lower	Upper
122	100		
107	118.2	89.6	134.4
121	58.6	46.3	69.5

Manual Integrations
APPROVED

sohil
11/14/2016 6:36:44 PM

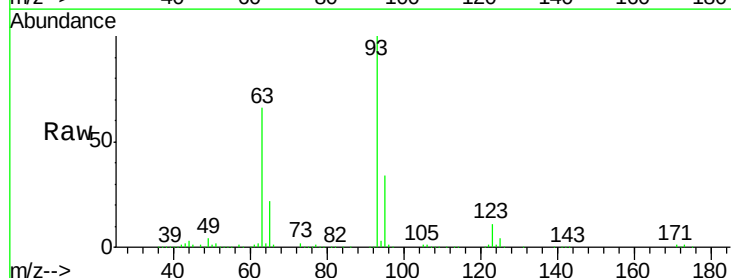


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E

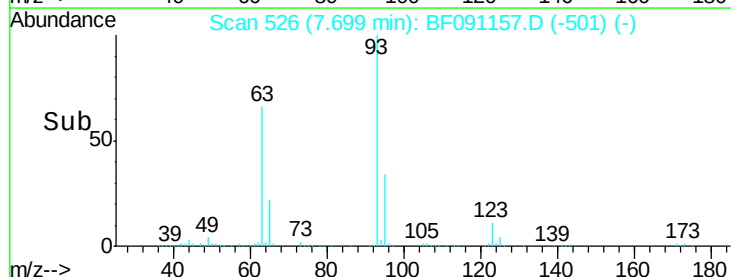
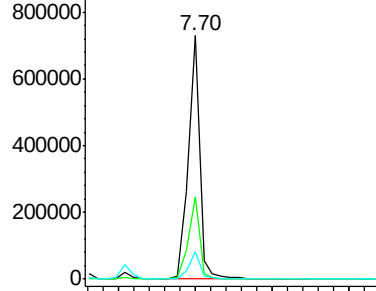


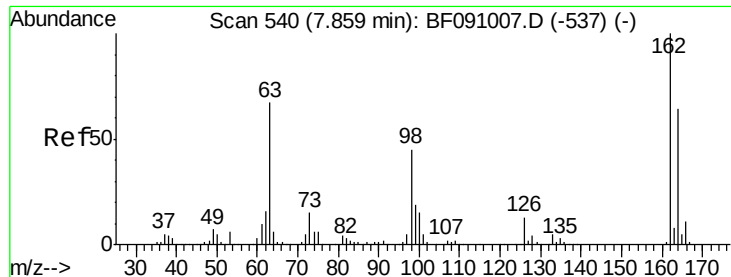
#28
bis(2-Chloroethoxy)methane
Concen: 48.94 ng
RT: 7.70 min Scan# 526
Delta R.T. -0.01 min
Lab File: BF091157.D
Acq: 11 Nov 2016 23:03

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.8	26.3	39.5
123	11.0	8.7	13.1



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





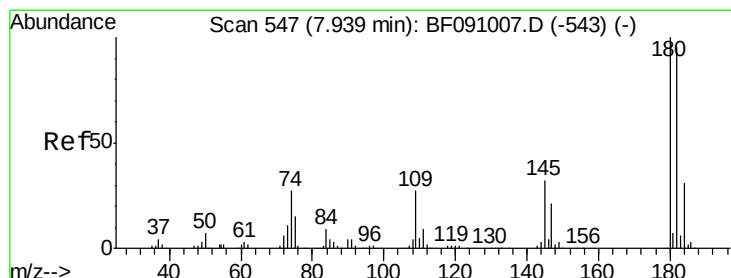
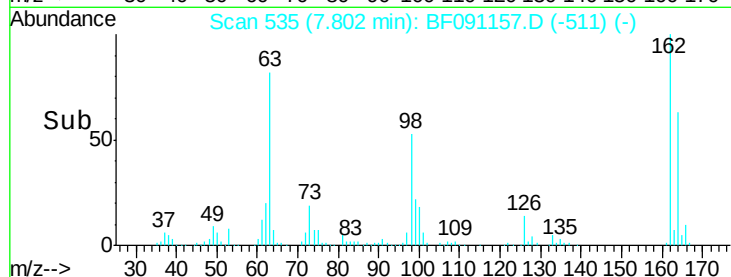
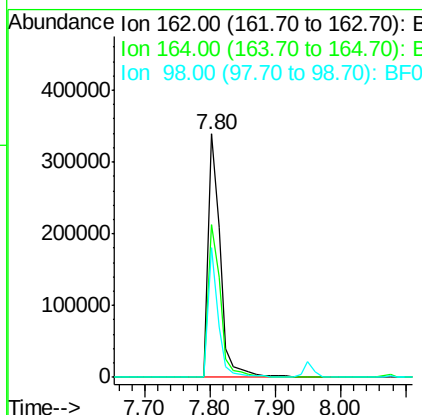
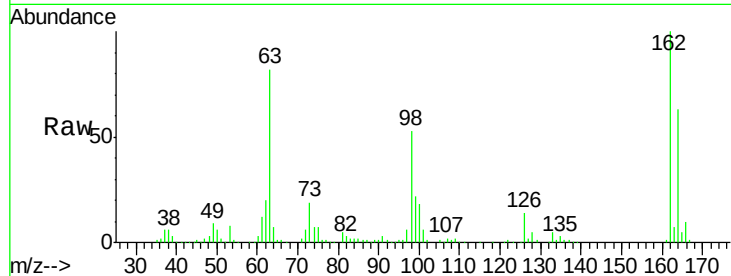
#29
 2,4-Dichlorophenol
 Concen: 44.60 ng
 RT: 7.80 min Scan# 535
 Delta R.T. -0.02 min
 Lab File: BF091157.D
 Acq: 11 Nov 2016 23:03

Instrument :
 BNA_F
 ClientSampleId :
 SB-COMPMS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	437946		
164	62.7	44.4	84.4	
98	53.1	25.2	65.2	

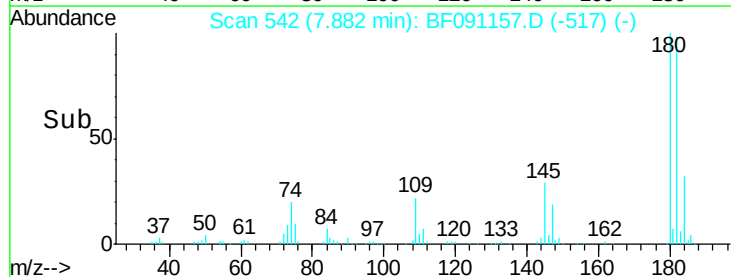
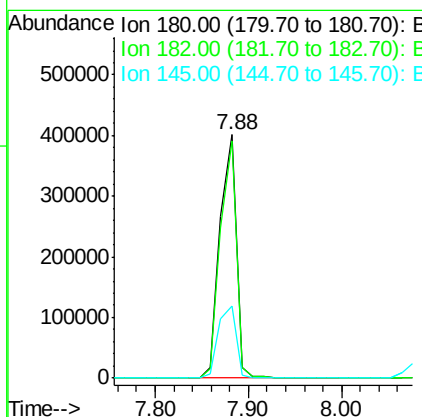
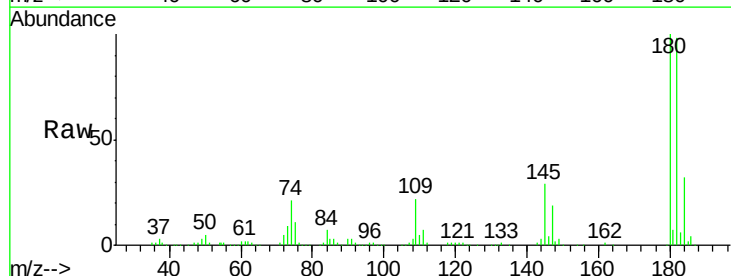
Manual Integrations
 APPROVED

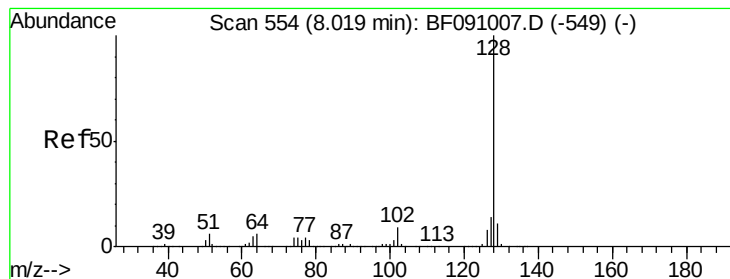
sohil
 11/14/2016 6:36:44 PM



#30
 1,2,4-Trichlorobenzene
 Concen: 44.31 ng
 RT: 7.88 min Scan# 542
 Delta R.T. -0.01 min
 Lab File: BF091157.D
 Acq: 11 Nov 2016 23:03

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	489199		
182	97.6	76.0	114.0	
145	29.4	25.8	38.8	





#31

Naphthalene

Concen: 41.02 ng

RT: 7.95 min Scan# 548

Delta R.T. -0.02 min

Lab File: BF091157.D

Acq: 11 Nov 2016 23:03

Instrument :

BNA_F

ClientSampleId :

SB-COMPMS

Tot Ion:128 Resp: 1557885

Ion Ratio Lower Upper

128 100

129 11.9 9.0 13.6

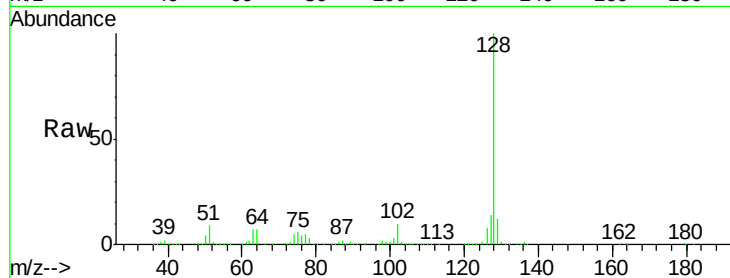
127 13.7 10.9 16.3

Manual Integrations

APPROVED

sohil

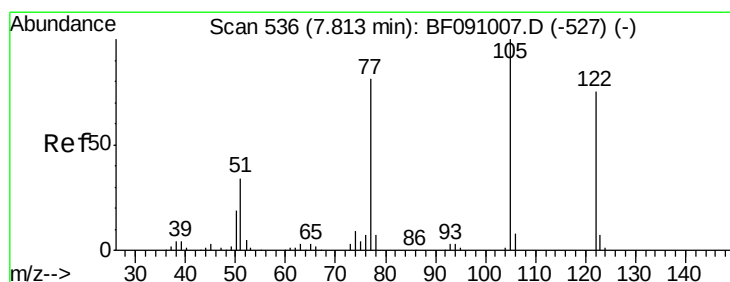
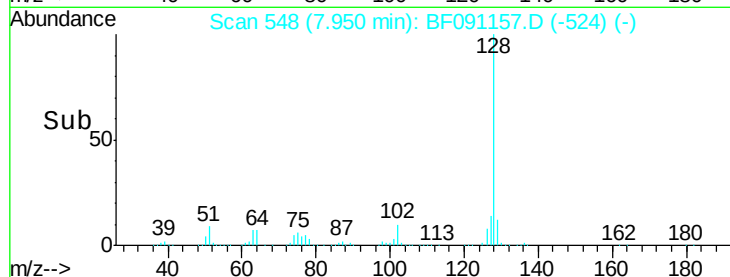
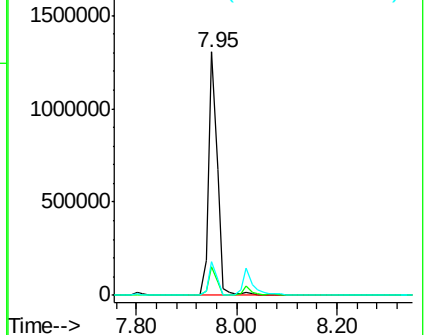
11/14/2016 6:36:44 PM



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: 11.99 ng

RT: 7.72 min Scan# 528

Delta R.T. -0.06 min

Lab File: BF091157.D

Acq: 11 Nov 2016 23:03

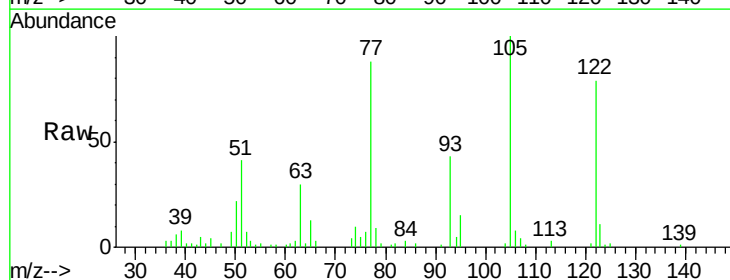
Tgt Ion:122 Resp: 67916

Ion Ratio Lower Upper

122 100

105 126.4 105.9 145.9

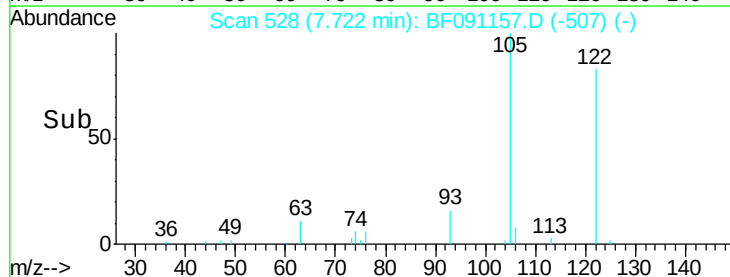
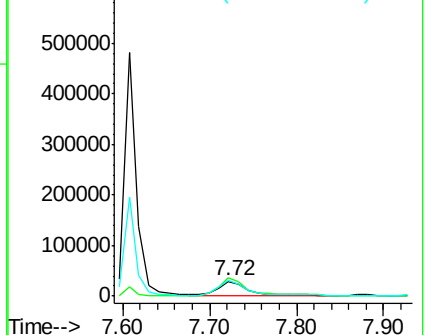
77 111.4 84.0 124.0

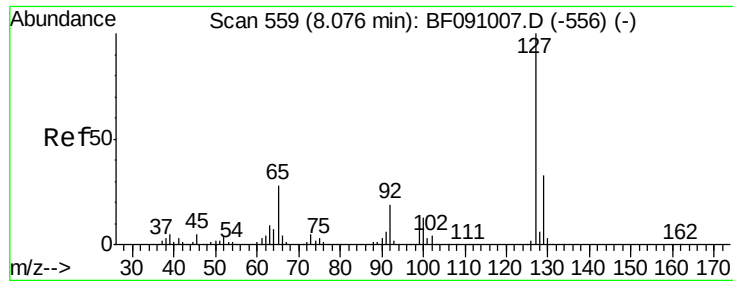


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0





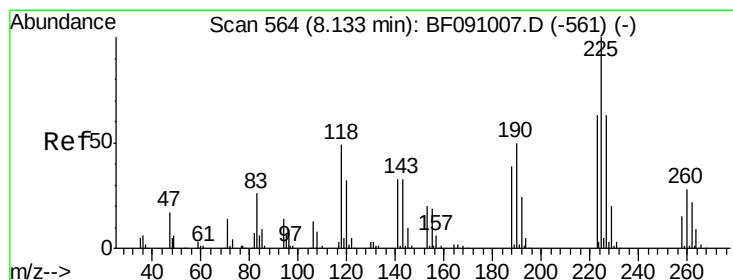
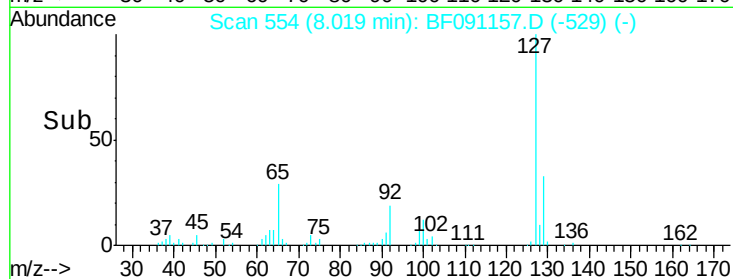
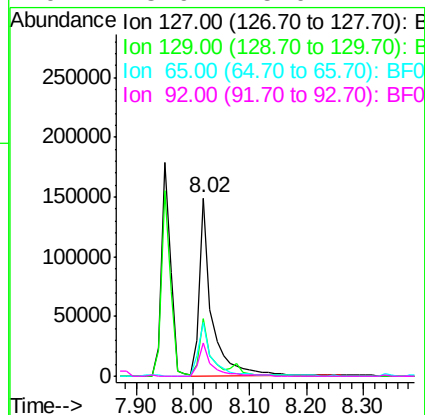
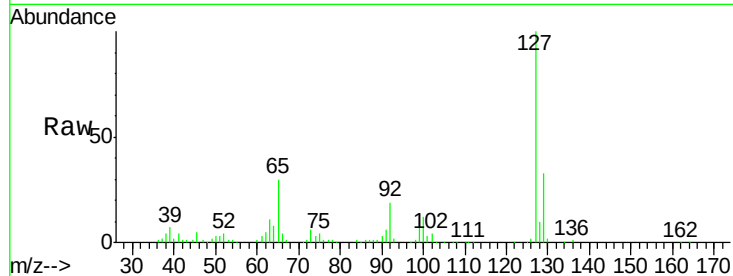
#33
4-Chloroaniline
Concen: 13.98 ng
RT: 8.02 min Scan# 554
Delta R.T. -0.01 min
Lab File: BF091157.D
Acq: 11 Nov 2016 23:03

Instrument :
BNA_F
ClientSampleId :
SB-COMPMS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	32.5	26.6	39.8		
65	30.4	22.2	33.2		
92	18.9	15.0	22.4		

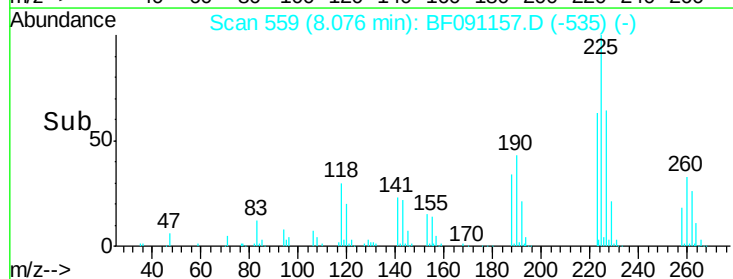
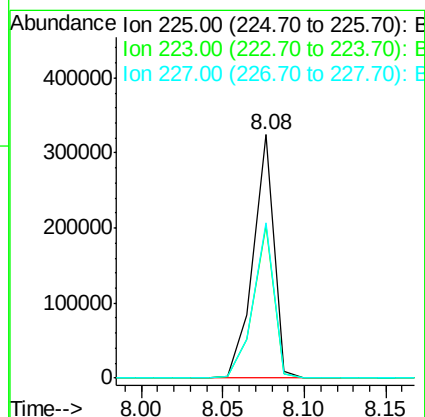
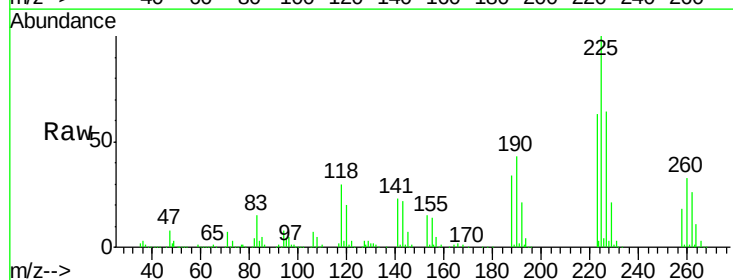
Manual Integrations
APPROVED

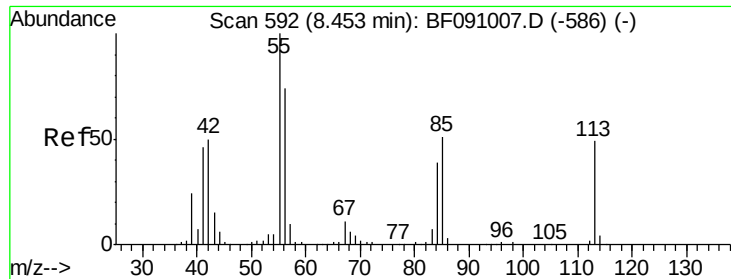
sohil
11/14/2016 6:36:44 PM



#34
Hexachlorobutadiene
Concen: 48.31 ng
RT: 8.08 min Scan# 559
Delta R.T. -0.02 min
Lab File: BF091157.D
Acq: 11 Nov 2016 23:03

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	62.7	50.4	75.6		
227	63.8	50.1	75.1		





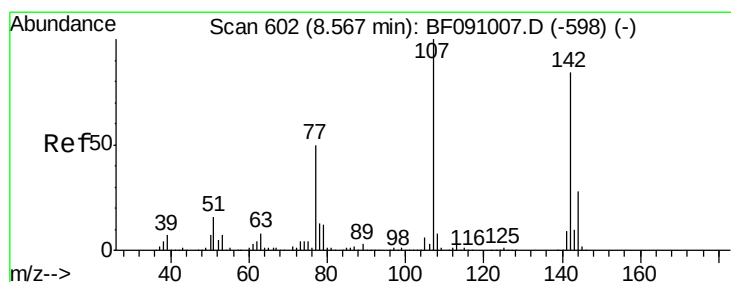
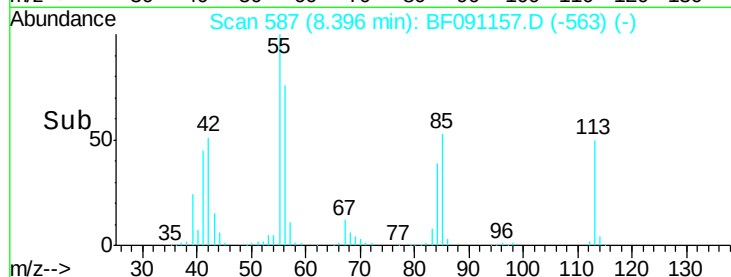
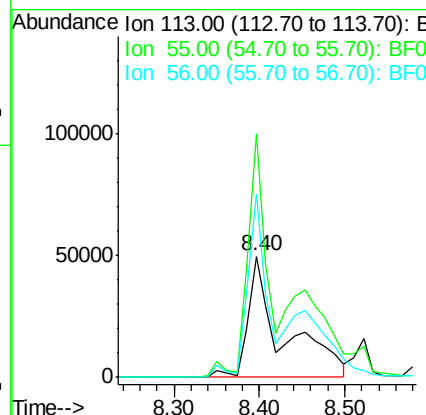
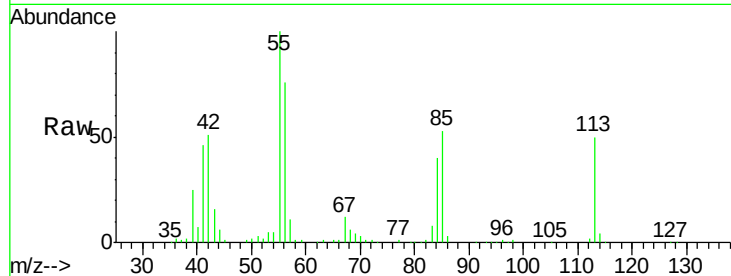
#35
 Caprolactam
 Concen: 45.73 ng/ml
 RT: 8.40 min Scan# 587
 Delta R.T. -0.02 min
 Lab File: BF091157.D
 Acq: 11 Nov 2016 23:03

Instrument :
 BNA_F
 ClientSampled :
 SB-COMPMS

Tot Ion	Ratio	Lower	Upper
113	100		
55	201.7	184.1	224.1
56	152.4	132.0	172.0

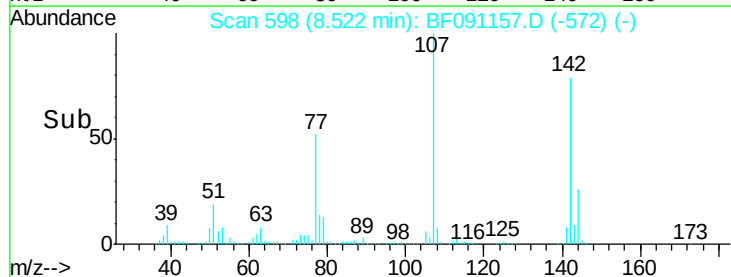
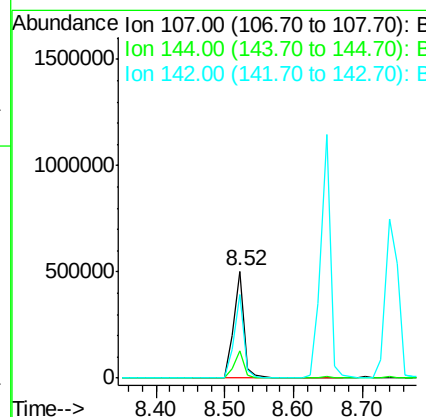
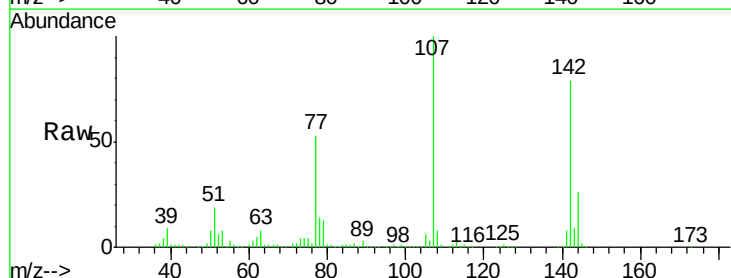
Manual Integrations
 APPROVED

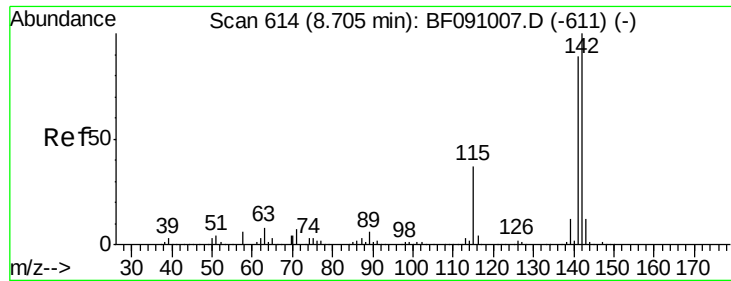
sohil
 11/14/2016 6:36:44 PM



#36
 4-Chloro-3-methylphenol
 Concen: 45.53 ng/ml
 RT: 8.52 min Scan# 598
 Delta R.T. 0.00 min
 Lab File: BF091157.D
 Acq: 11 Nov 2016 23:03

Tgt Ion	Ratio	Lower	Upper
107	100		
144	25.7	22.5	33.7
142	78.9	67.4	101.2





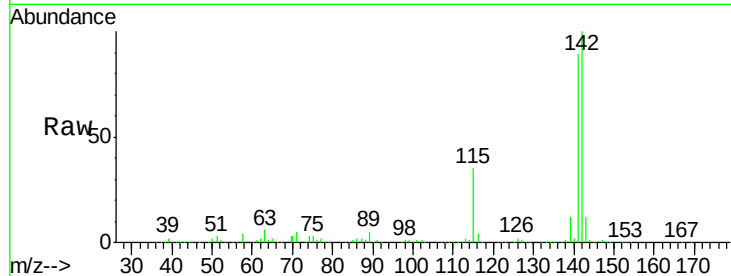
#37
2-Methylnaphthalene
Concen: 44.76 ng
RT: 8.65 min Scan# 609
Delta R.T. -0.02 min
Lab File: BF091157.D
Acq: 11 Nov 2016 23:03

Instrument :
BNA_F
ClientSampleId :
SB-COMPMS

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.5	71.3	106.9
115	34.8	29.9	44.9

Manual Integrations
APPROVED

sohil
11/14/2016 6:36:44 PM

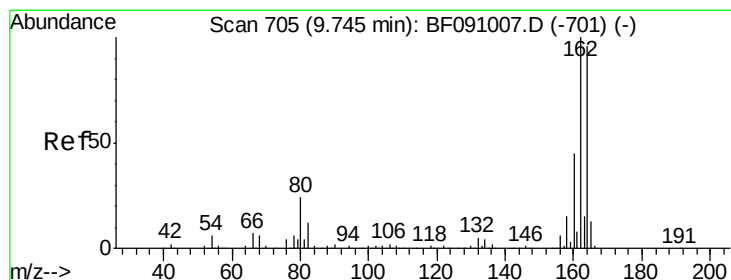
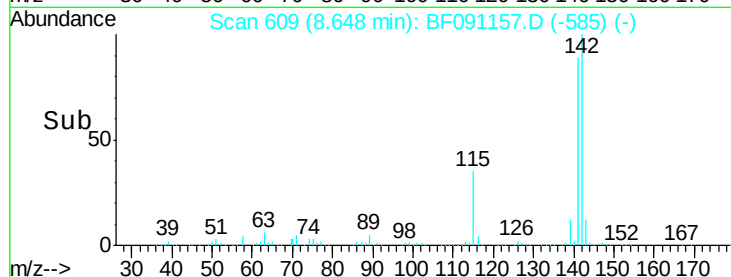
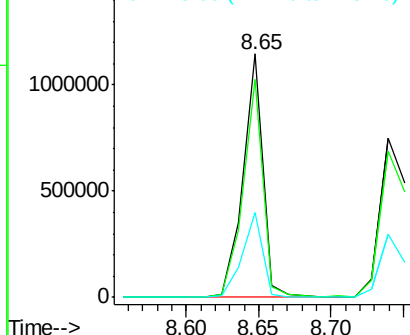


Abundance

Ion 142.00 (141.70 to 142.70): E

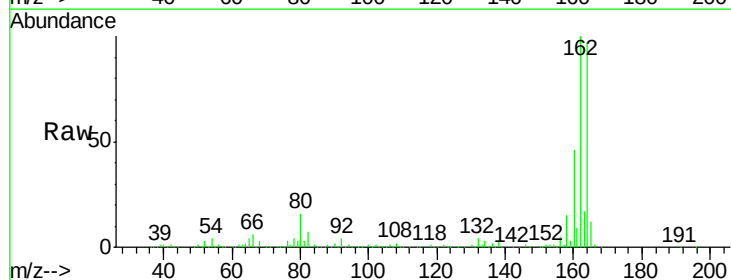
Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.69 min Scan# 700
Delta R.T. -0.01 min
Lab File: BF091157.D
Acq: 11 Nov 2016 23:03

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.0	83.6	125.4
160	47.3	37.9	56.9

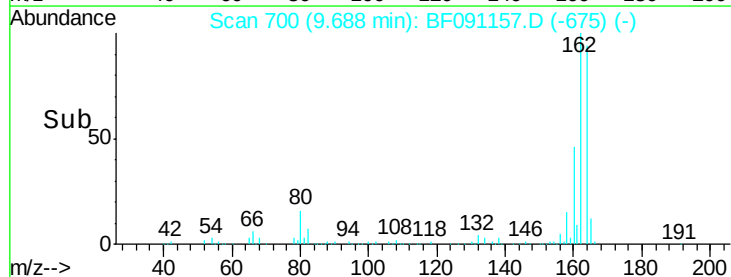
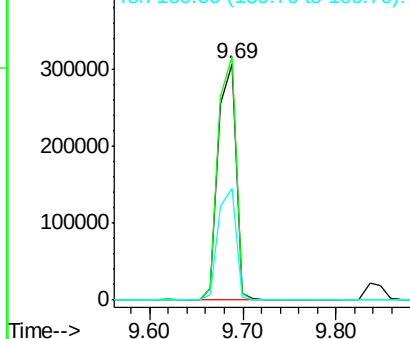


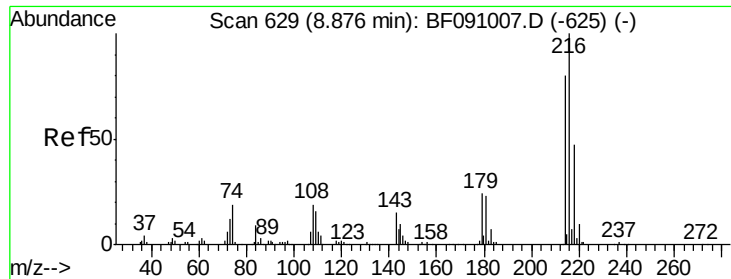
Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





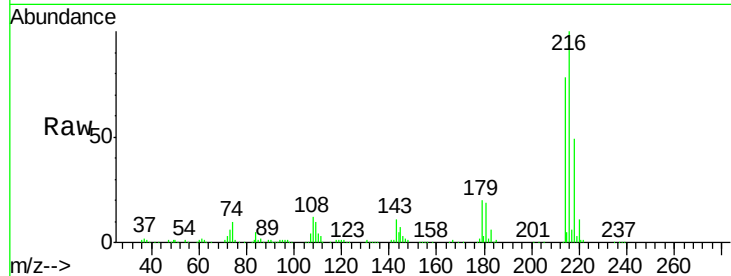
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 46.80 ng
 RT: 8.82 min Scan# 624
 Delta R.T. -0.01 min
 Lab File: BF091157.D
 Acq: 11 Nov 2016 23:03

Instrument :
 BNA_F
 ClientSampleId :
 SB-COMPMS

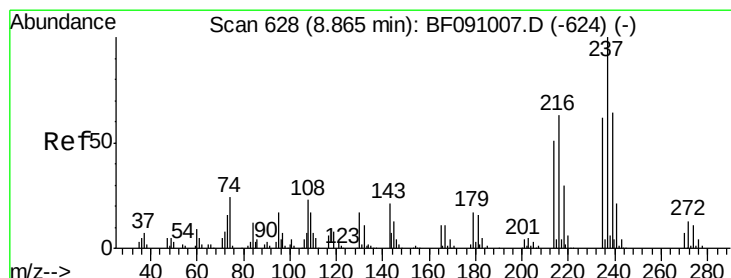
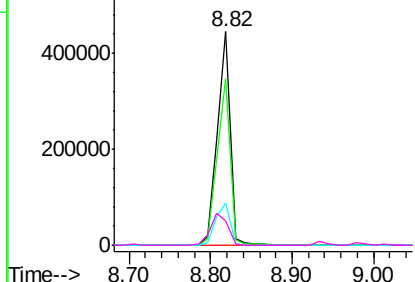
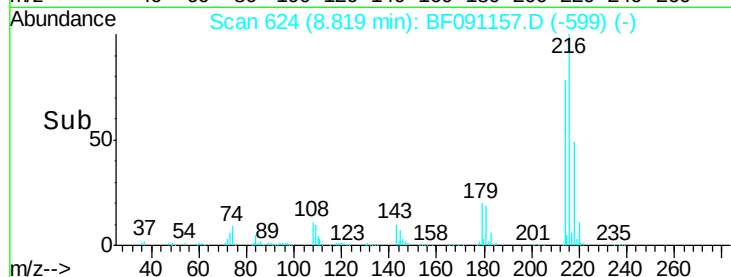
Tot Ion	Ion	Ratio	Resp	Lower	Upper
216	100		484519		
214	79.0		63.5	95.3	
179	22.3		19.1	28.7	
108	20.9		17.5	26.3	

Manual Integrations
 APPROVED

sohil
 11/14/2016 6:36:44 PM

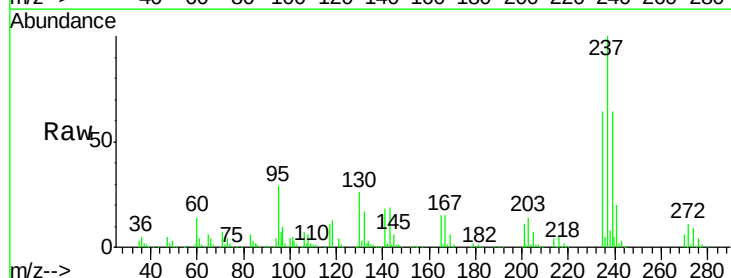


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

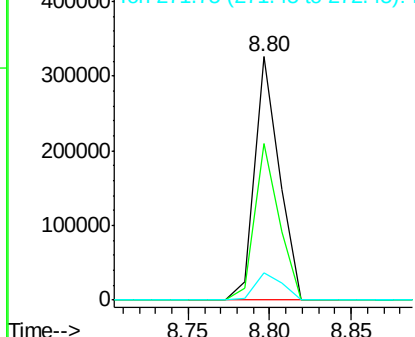
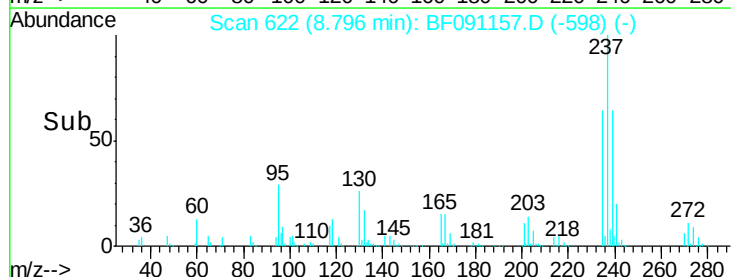


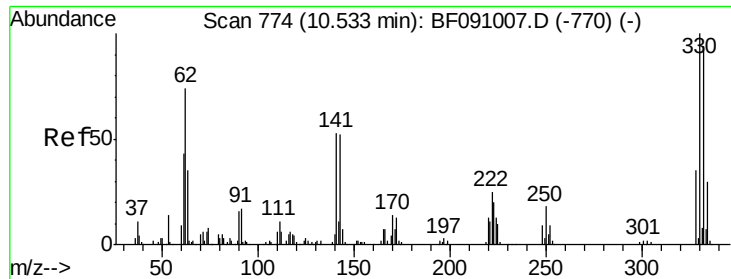
#40
 Hexachlorocyclopentadiene
 Concen: 84.78 ng
 RT: 8.80 min Scan# 622
 Delta R.T. -0.02 min
 Lab File: BF091157.D
 Acq: 11 Nov 2016 23:03

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
237	100		342213		
235	64.3		42.1	82.1	
272	11.1		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





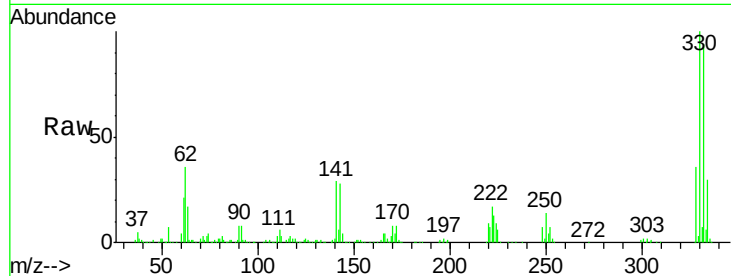
#41
 2,4,6-Tribromophenol
 Concen: 131.84 ng
 RT: 10.48 min Scan# 769
 Delta R.T. -0.01 min
 Lab File: BF091157.D
 Acq: 11 Nov 2016 23:03

Instrument :
 BNA_F
 ClientSampleId :
 SB-COMPMS

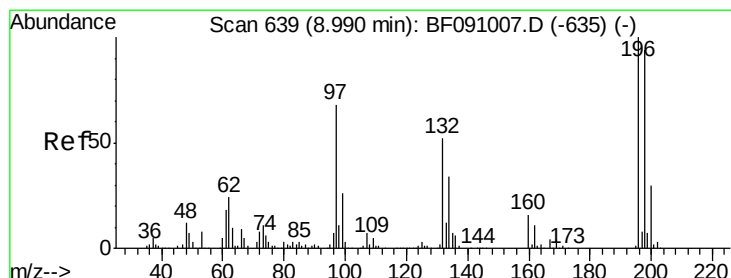
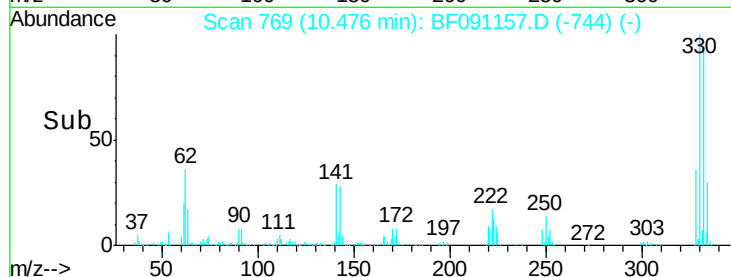
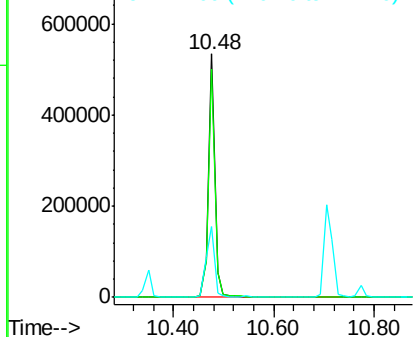
Tot Ion	Ratio	Resp	Lower	Upper
330	100	483970		
332	94.4	75.9	113.9	
141	36.9	36.1	54.1	

Manual Integrations
 APPROVED

sohil
 11/14/2016 6:36:44 PM

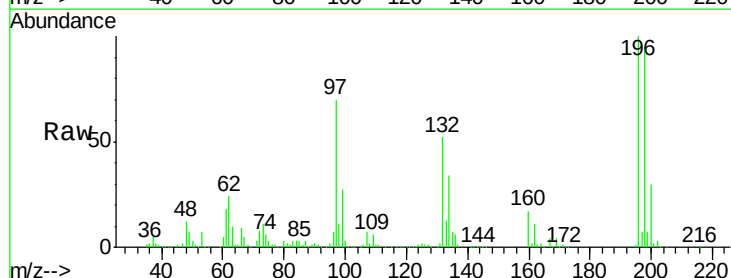


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

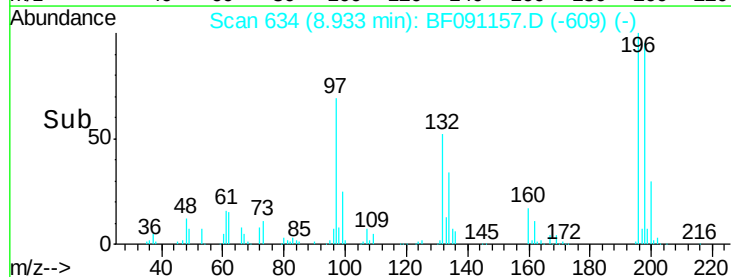
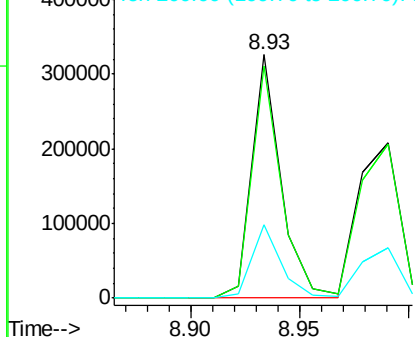


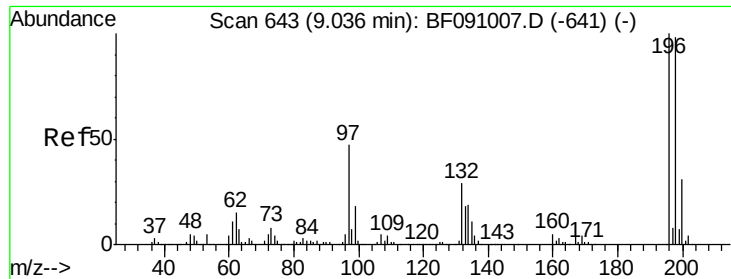
#42
 2,4,6-Trichlorophenol
 Concen: 45.91 ng
 RT: 8.93 min Scan# 634
 Delta R.T. -0.01 min
 Lab File: BF091157.D
 Acq: 11 Nov 2016 23:03

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	306792		
198	95.4	75.4	113.0	
200	30.4	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





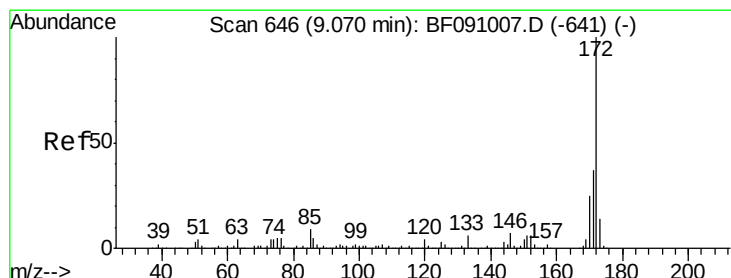
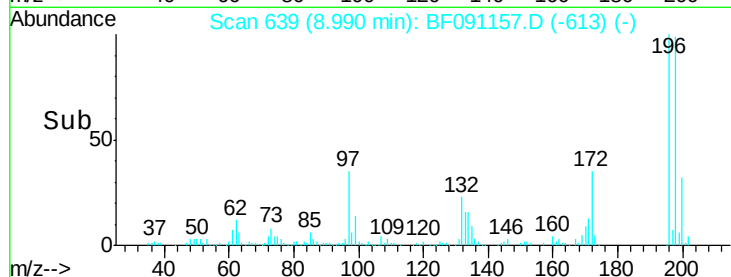
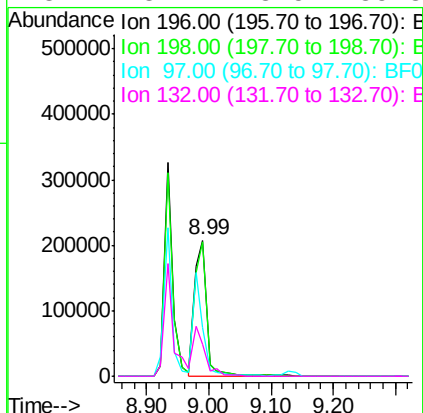
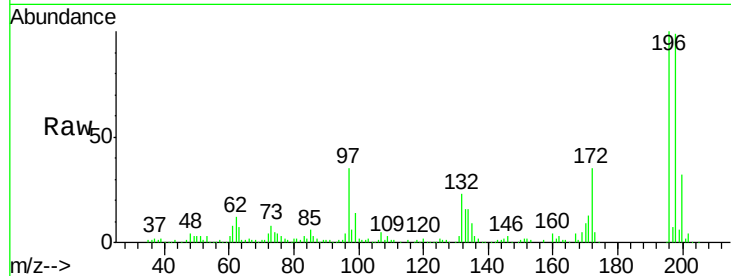
#43
 2,4,5-Trichlorophenol
 Concen: 41.16 ng
 RT: 8.99 min Scan# 639
 Delta R.T. 0.00 min
 Lab File: BF091157.D
 Acq: 11 Nov 2016 23:03

Instrument :
 BNA_F
 ClientSampleId :
 SB-COMPMS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
196	100		288816		
198	99.3	78.2	117.4		
97	35.3	38.8	58.2#		
132	23.2	23.5	35.3#		

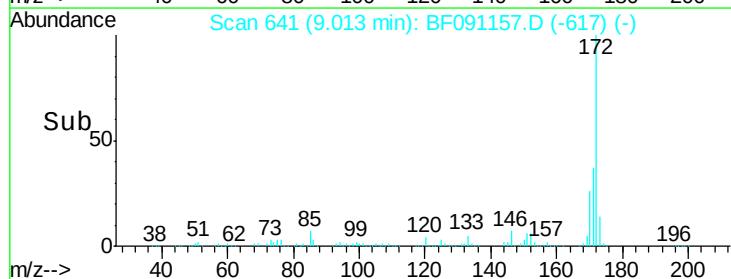
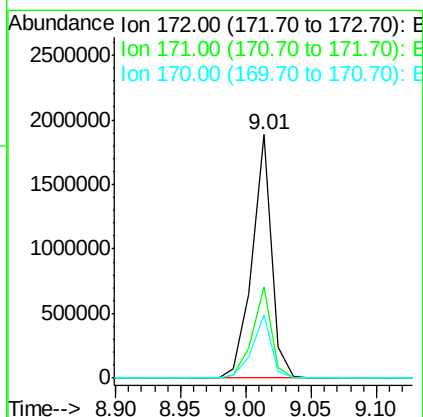
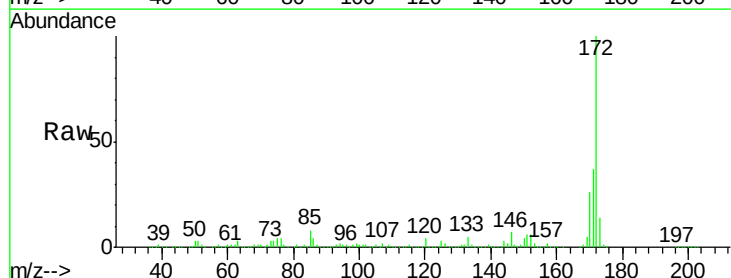
Manual Integrations
 APPROVED

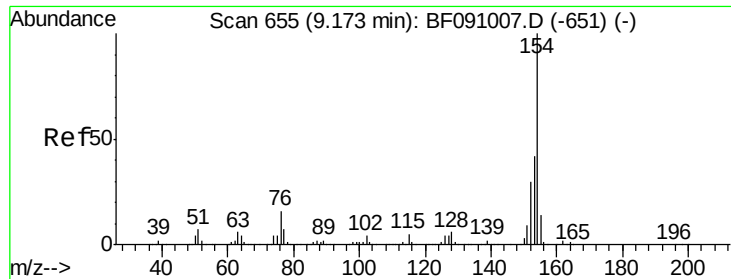
sohil
 11/14/2016 6:36:44 PM



#44
 2-Fluorobiphenyl
 Concen: 83.24 ng
 RT: 9.01 min Scan# 641
 Delta R.T. -0.02 min
 Lab File: BF091157.D
 Acq: 11 Nov 2016 23:03

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
172	100		1963059		
171	37.5	29.8	44.6		
170	25.7	20.3	30.5		





#45

1,1'-Biphenyl

Concen: 44.14 ng

RT: 9.12 min Scan# 650

Delta R.T. -0.01 min

Lab File: BF091157.D

Acq: 11 Nov 2016 23:03

Instrument :

BNA_F

ClientSampled :

SB-COMPMS

Tot Ion:154 Resp: 1308605

Ion Ratio Lower Upper

154 100

153 41.3 21.6 61.6

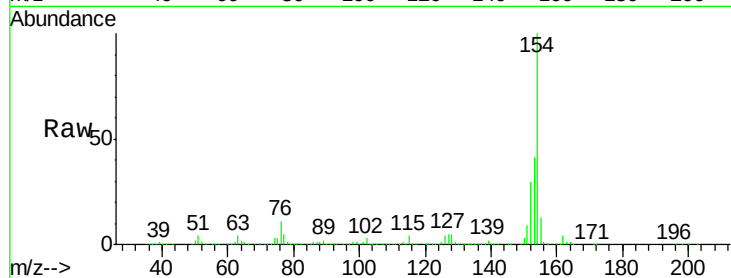
76 10.8 0.0 36.2

Manual Integrations

APPROVED

sohil

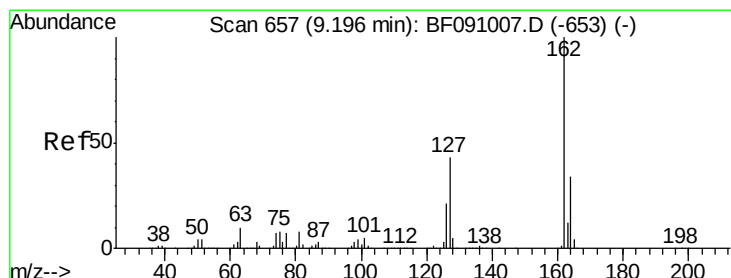
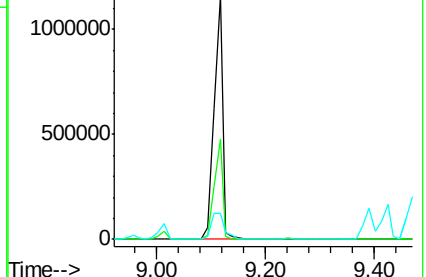
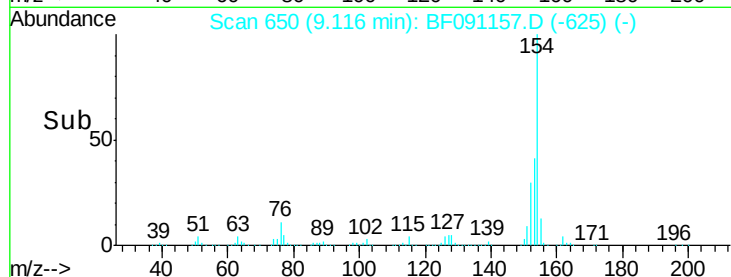
11/14/2016 6:36:44 PM



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0



#46

2-Chloronaphthalene

Concen: 45.77 ng

RT: 9.14 min Scan# 652

Delta R.T. -0.01 min

Lab File: BF091157.D

Acq: 11 Nov 2016 23:03

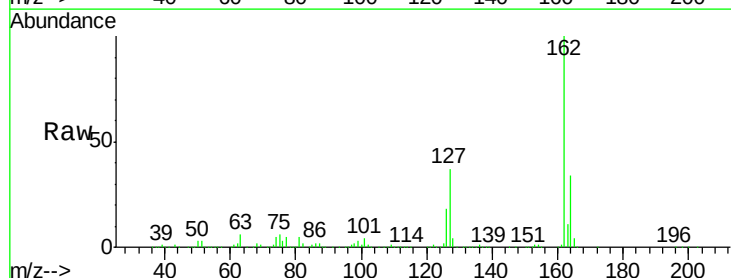
Tgt Ion:162 Resp: 1030385

Ion Ratio Lower Upper

162 100

127 36.9 34.7 52.1

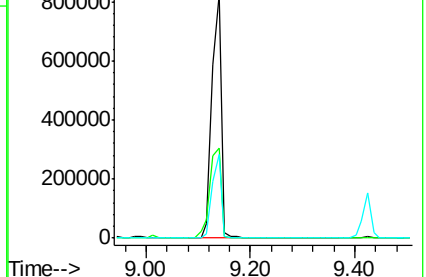
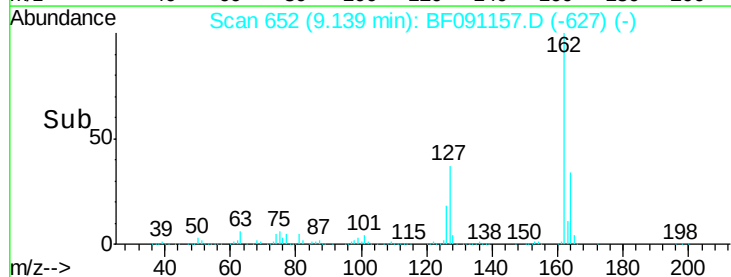
164 34.3 27.0 40.4

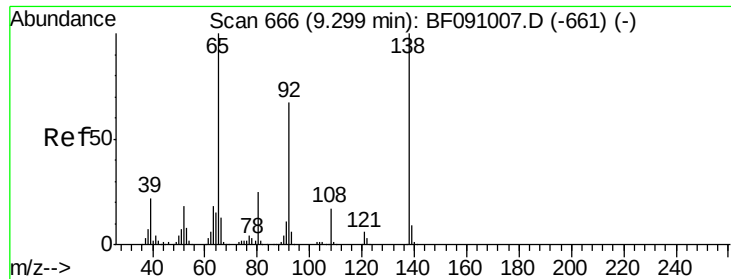


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





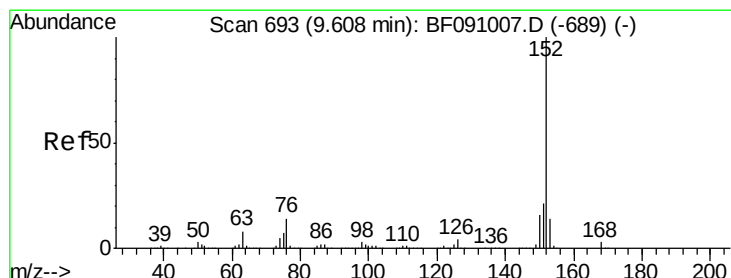
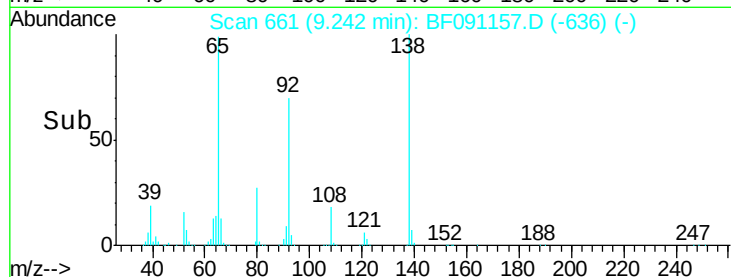
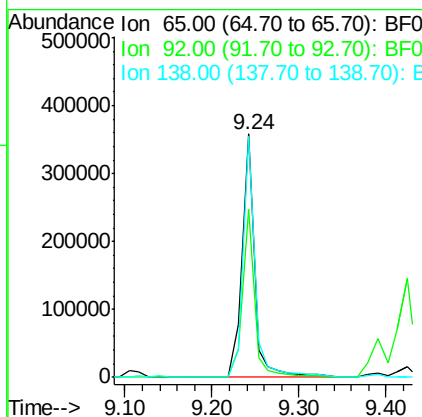
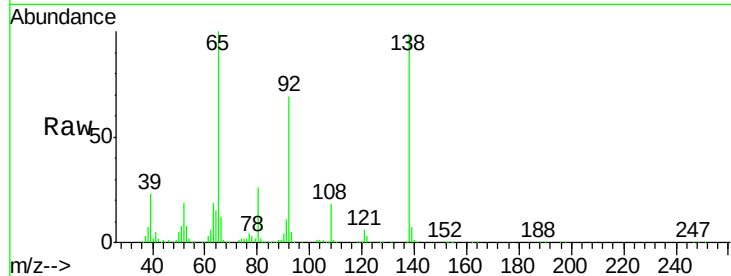
#47
2-Nitroaniline
Concen: 43.24 ng
RT: 9.24 min Scan# 661
Delta R.T. -0.01 min
Lab File: BF091157.D
Acq: 11 Nov 2016 23:03

Instrument :
BNA_F
ClientSampleId :
SB-COMPMS

Tot Ion	Ratio	Lower	Upper
65	100		
92	69.2	53.9	80.9
138	99.2	80.1	120.1

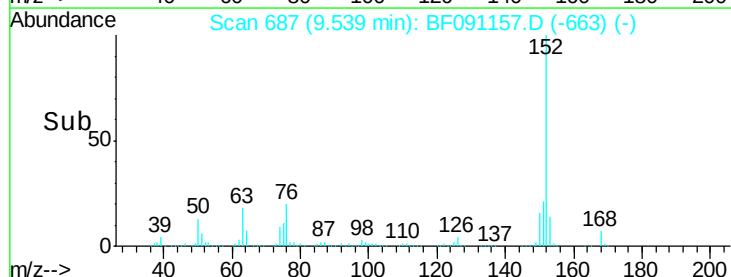
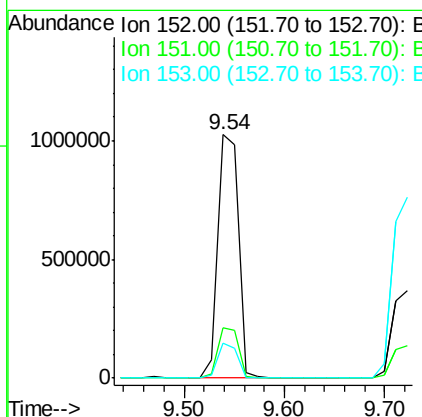
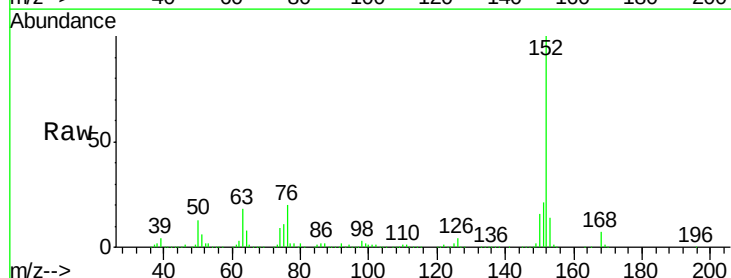
Manual Integrations
APPROVED

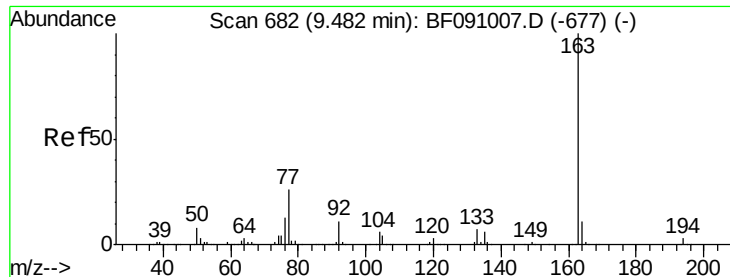
sohil
11/14/2016 6:36:44 PM



#48
Acenaphthylene
Concen: 41.63 ng
RT: 9.54 min Scan# 687
Delta R.T. -0.02 min
Lab File: BF091157.D
Acq: 11 Nov 2016 23:03

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.8	16.7	25.1
153	14.2	11.1	16.7





#49

Dimethylphthalate

Concen: 58.66 ng

RT: 9.42 min Scan# 677

Delta R.T. -0.01 min

Lab File: BF091157.D

Acq: 11 Nov 2016 23:03

Instrument :

BNA_F

ClientSampleId :

SB-COMPMS

Tot Ion:163 Resp: 1561799

Ion Ratio Lower Upper

163 100

194 3.5 2.6 4.0

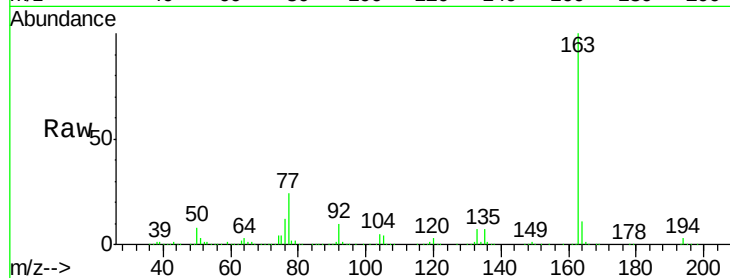
164 10.8 8.7 13.1

Manual Integrations

APPROVED

sohil

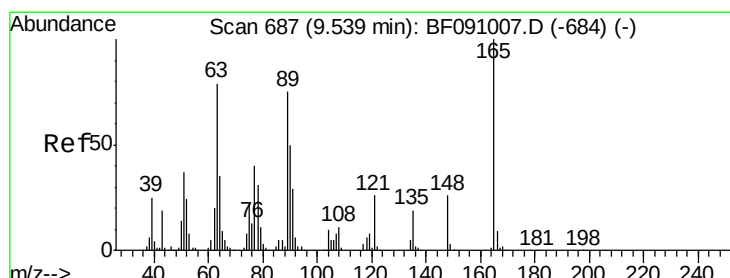
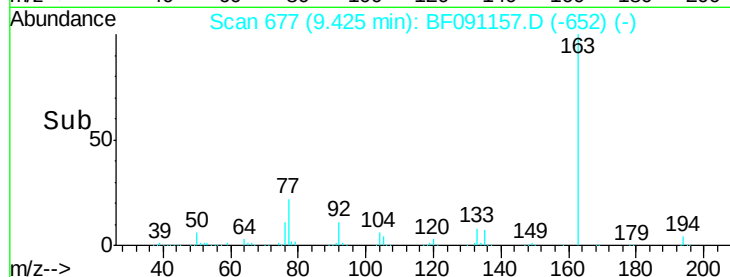
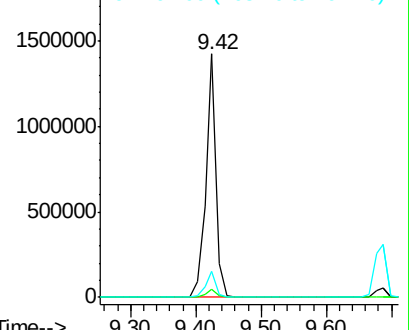
11/14/2016 6:36:44 PM



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 39.52 ng

RT: 9.48 min Scan# 682

Delta R.T. -0.02 min

Lab File: BF091157.D

Acq: 11 Nov 2016 23:03

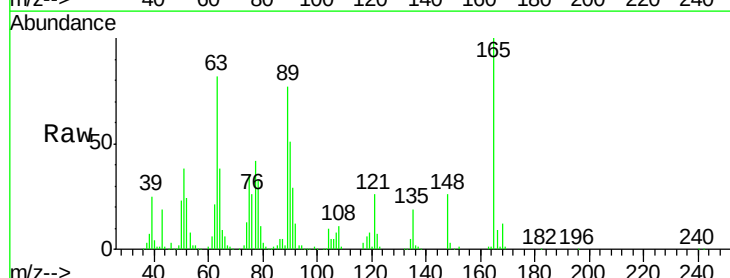
Tgt Ion:165 Resp: 225477

Ion Ratio Lower Upper

165 100

63 82.1 65.6 98.4

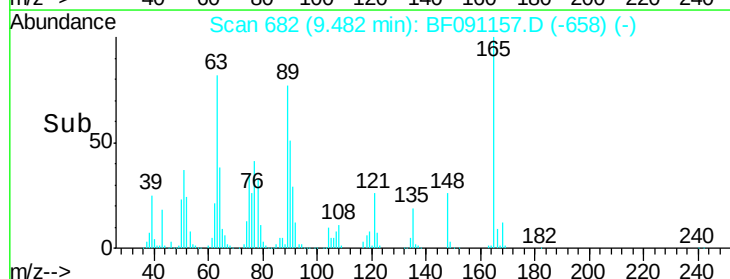
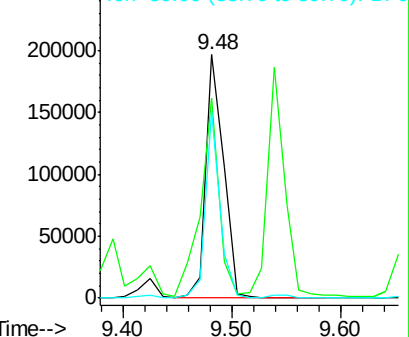
89 76.9 59.8 89.6

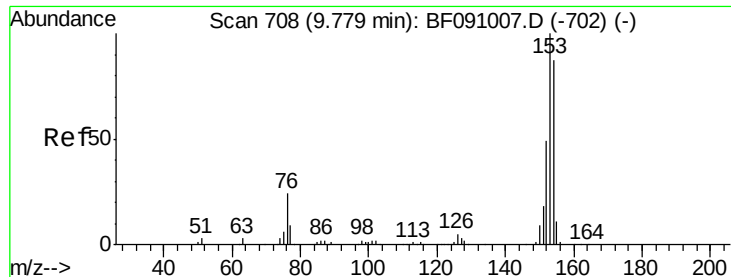


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 41.08 ng

RT: 9.72 min Scan# 703

Delta R.T. -0.01 min

Lab File: BF091157.D

Acq: 11 Nov 2016 23:03

Instrument :

BNA_F

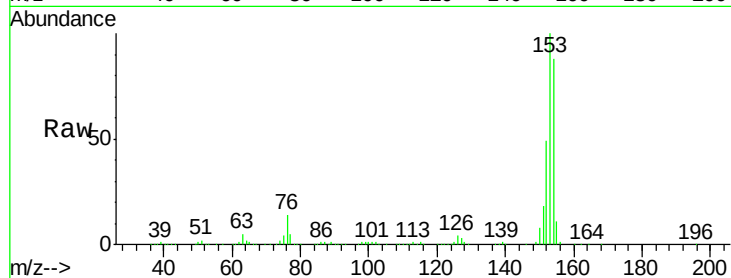
ClientSampleId :

SB-COMPMS

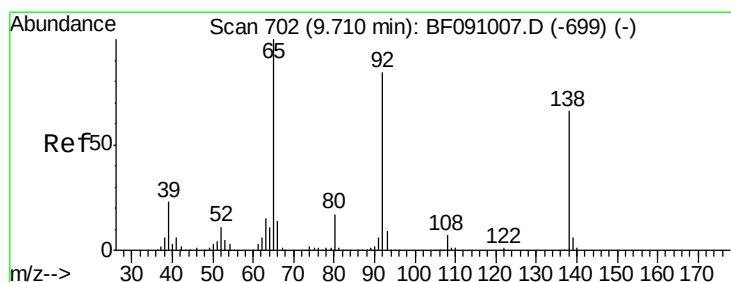
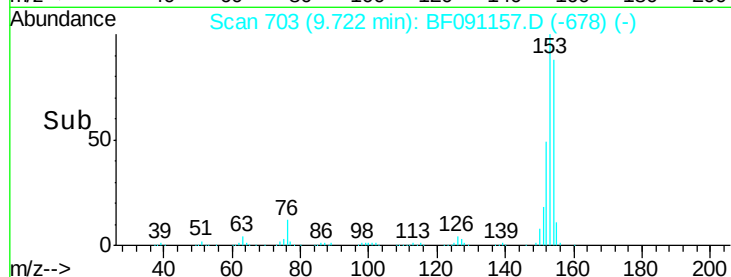
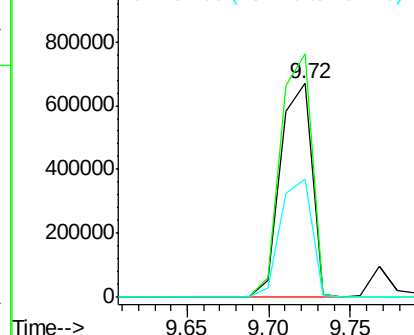
Tot Ion:	154	Resp:	904671
Ion Ratio	Lower	Upper	
154	100		
153	114.0	91.6	137.4
152	55.4	44.6	67.0

Manual Integrations
APPROVED

sohil
11/14/2016 6:36:44 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: 26.49 ng

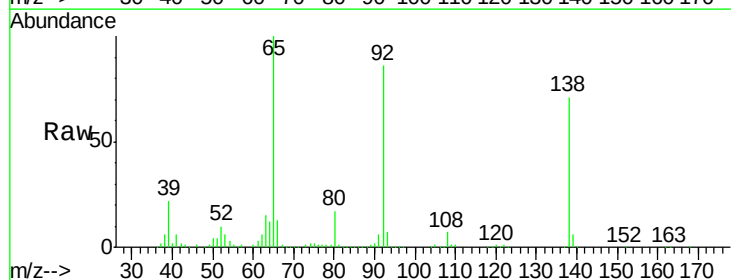
RT: 9.65 min Scan# 697

Delta R.T. -0.01 min

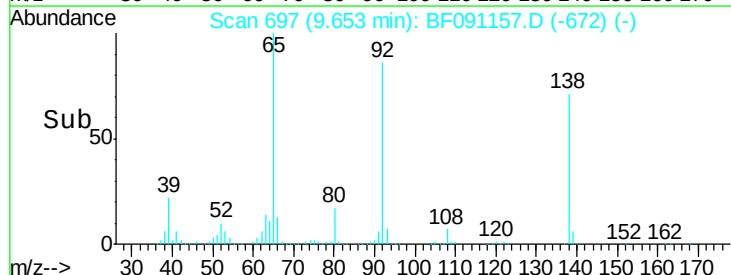
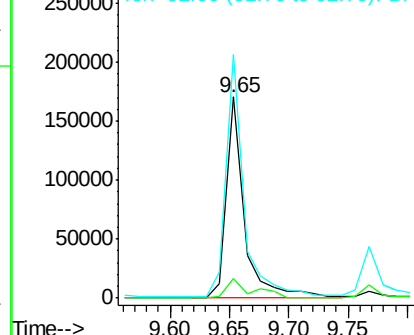
Lab File: BF091157.D

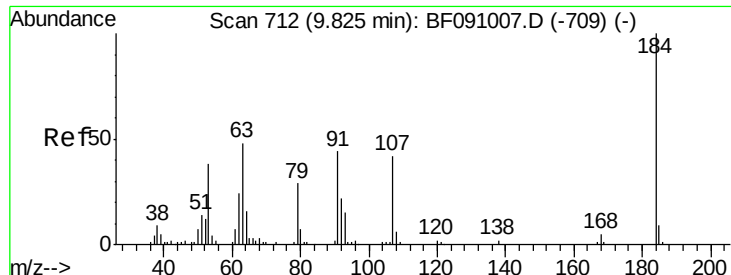
Acq: 11 Nov 2016 23:03

Tgt Ion:	138	Resp:	179210
Ion Ratio	Lower	Upper	
138	100		
108	10.0	8.4	12.6
92	121.1	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





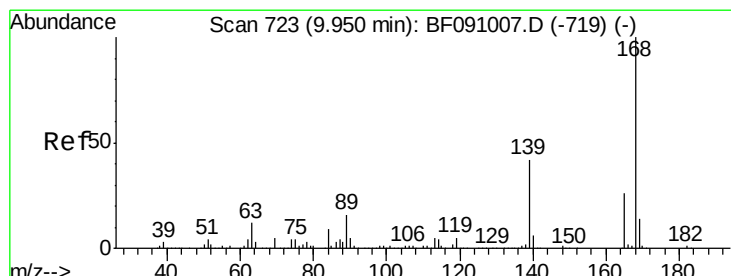
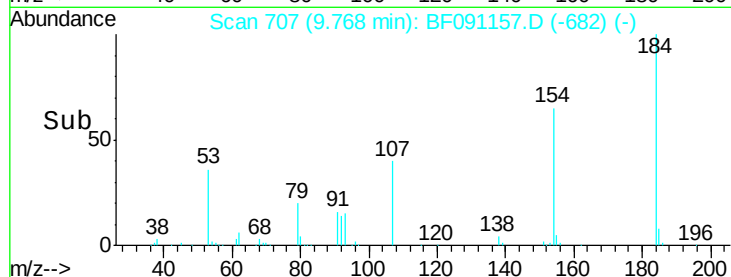
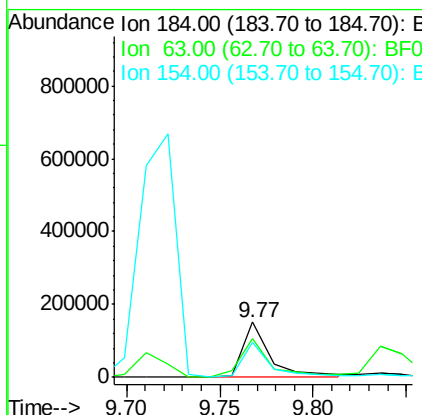
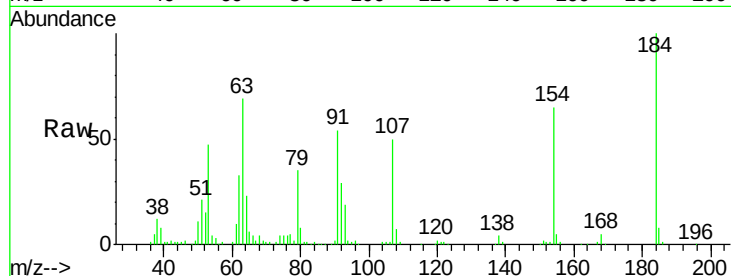
#53
2,4-Dinitrophenol
Concen: 51.93 ng
RT: 9.77 min Scan# 707
Delta R.T. -0.01 min
Lab File: BF091157.D
Acq: 11 Nov 2016 23:03

Instrument :
BNA_F
ClientSampleId :
SB-COMPMS

Tot Ion	Ratio	Resp	Lower	Upper
184	100	154013		
63	69.3	45.5	68.3#	
154	64.6	51.0	76.4	

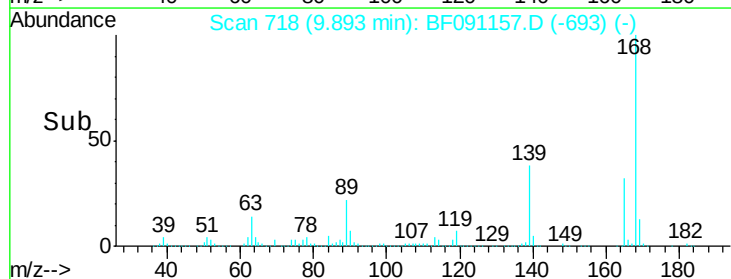
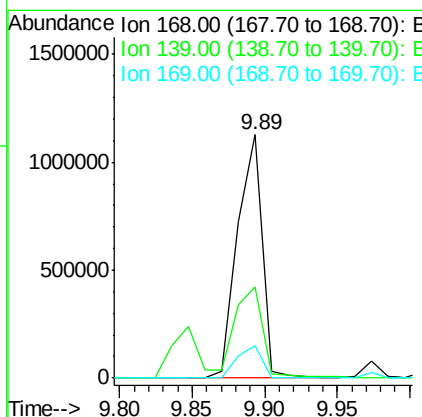
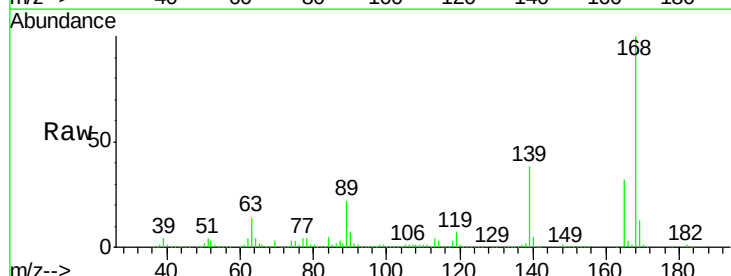
Manual Integrations
APPROVED

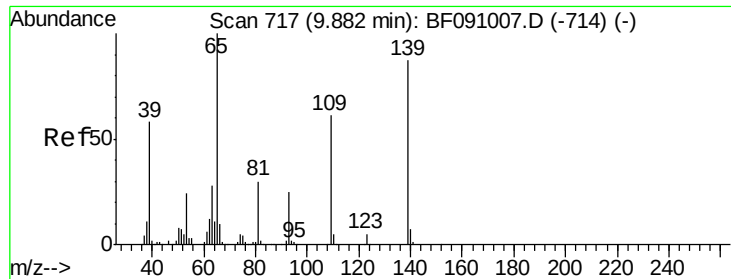
sohil
11/14/2016 6:36:44 PM



#54
Dibenzofuran
Concen: 44.81 ng
RT: 9.89 min Scan# 718
Delta R.T. -0.01 min
Lab File: BF091157.D
Acq: 11 Nov 2016 23:03

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	1328352		
139	37.7	34.8	52.2	
169	13.4	11.4	17.2	





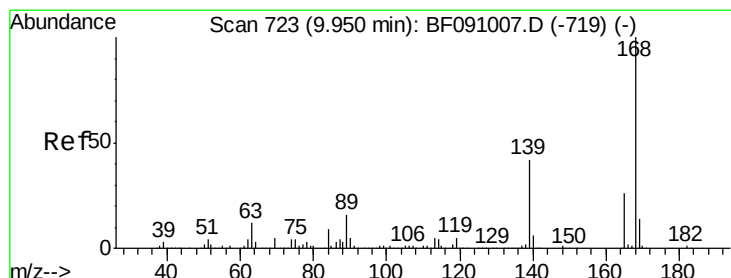
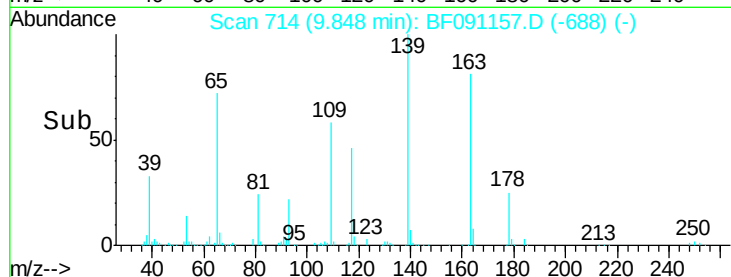
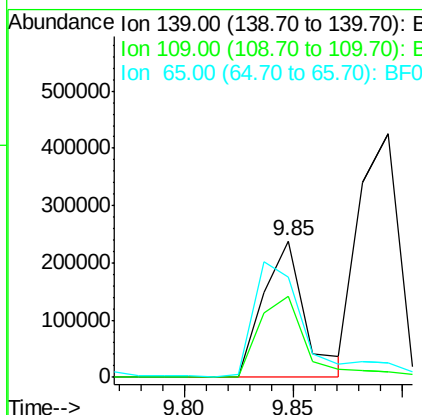
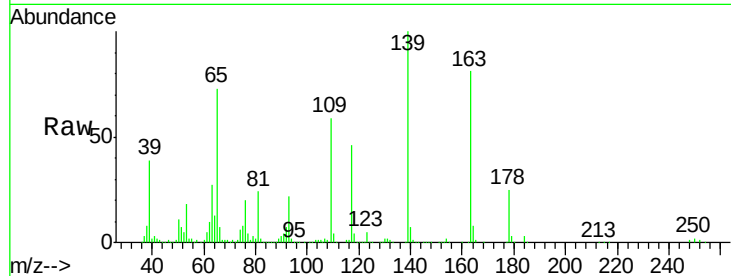
#55
4-Nitrophenol
Concen: 71.22 ng
RT: 9.85 min Scan# 714
Delta R.T. 0.00 min
Lab File: BF091157.D
Acq: 11 Nov 2016 23:03

Instrument :
BNA_F
ClientSampleId :
SB-COMPMS

Tot Ion	Ratio	Lower	Upper
139	100		
109	59.0	50.5	90.5
65	73.4	97.1	137.1#

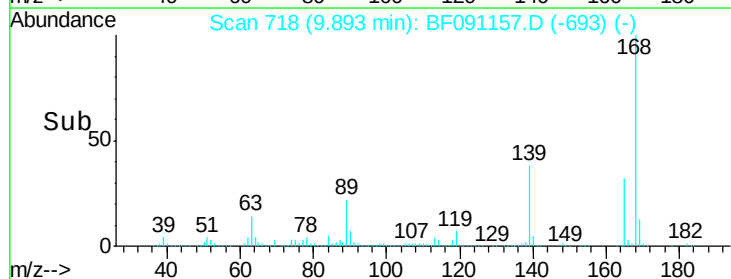
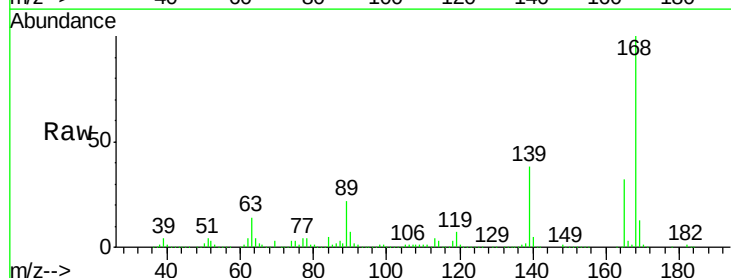
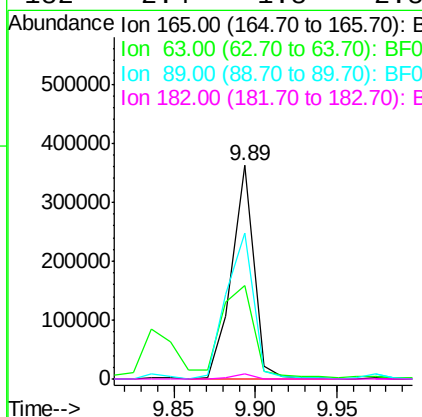
Manual Integrations
APPROVED

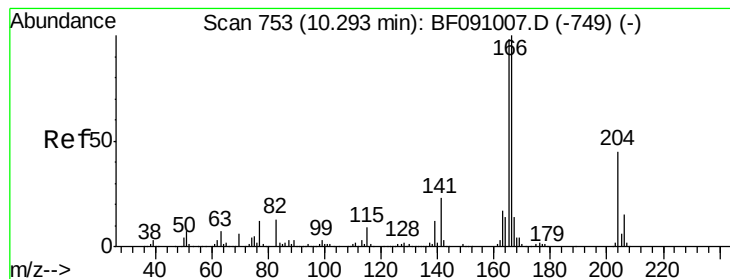
sohil
11/14/2016 6:36:44 PM



#56
2,4-Dinitrotoluene
Concen: 47.43 ng
RT: 9.89 min Scan# 718
Delta R.T. -0.01 min
Lab File: BF091157.D
Acq: 11 Nov 2016 23:03

Tgt Ion	Ratio	Lower	Upper
165	100		
63	43.7	38.7	58.1
89	68.5	50.6	76.0
182	2.4	1.8	2.8





#57

Fluorene

Concen: 41.05 ng

RT: 10.24 min Scan# 748

Delta R.T. -0.01 min

Lab File: BF091157.D

Acq: 11 Nov 2016 23:03

Instrument :

BNA_F

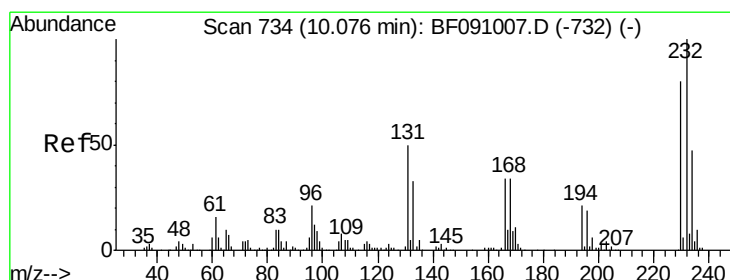
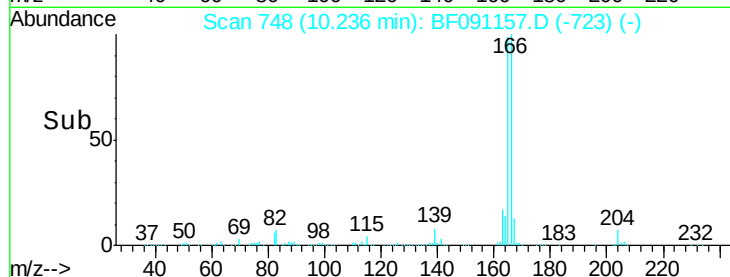
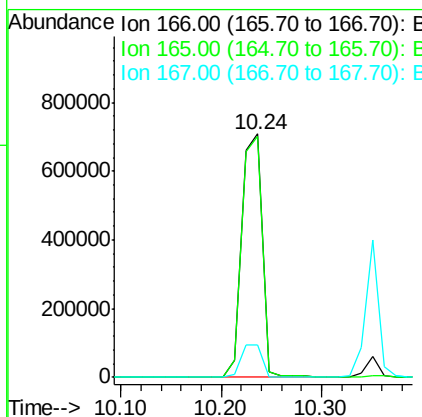
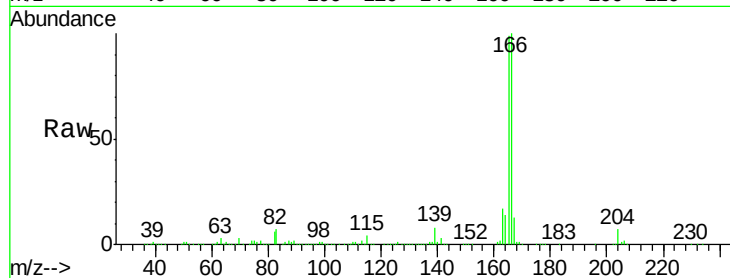
ClientSampleId :

SB-COMPMS

Tot Ion:	166	Resp:	994780
Ion Ratio	Lower	Upper	
166	100		
165	99.0	78.6	118.0
167	13.2	11.1	16.7

Manual Integrations
APPROVED

sohil
11/14/2016 6:36:44 PM



#58

2,3,4,6-Tetrachlorophenol

Concen: 47.53 ng

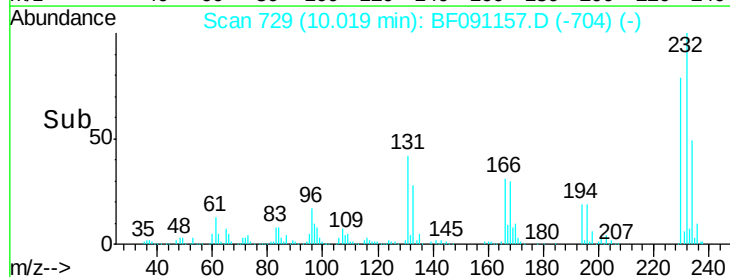
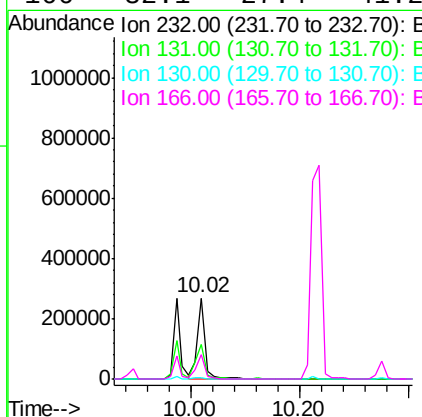
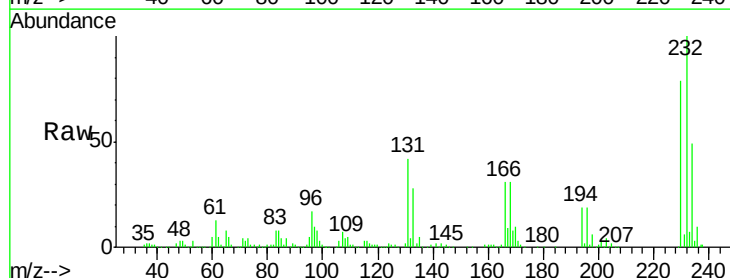
RT: 10.02 min Scan# 729

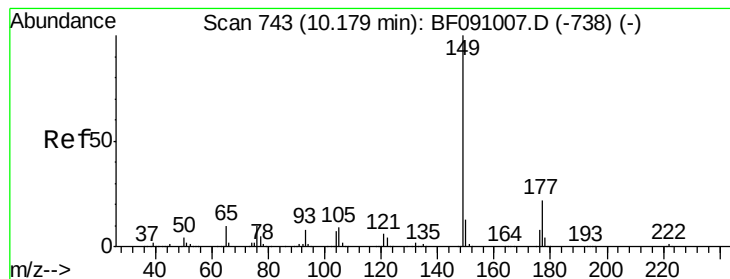
Delta R.T. -0.01 min

Lab File: BF091157.D

Acq: 11 Nov 2016 23:03

Tgt Ion:	232	Resp:	261294
Ion Ratio	Lower	Upper	
232	100		
131	50.9	43.6	65.4
130	2.5	2.0	3.0
166	32.1	27.4	41.2





#59

Diethylphthalate

Concen: 43.47 ng

RT: 10.12 min Scan# 738

Delta R.T. -0.01 min

Lab File: BF091157.D

Acq: 11 Nov 2016 23:03

Instrument :

BNA_F

ClientSampleId :

SB-COMPMS

Tot Ion:149 Resp: 1186664

Ion Ratio Lower Upper

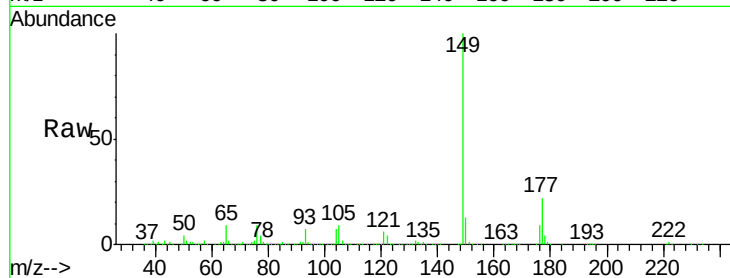
149 100

177 22.1 17.3 25.9

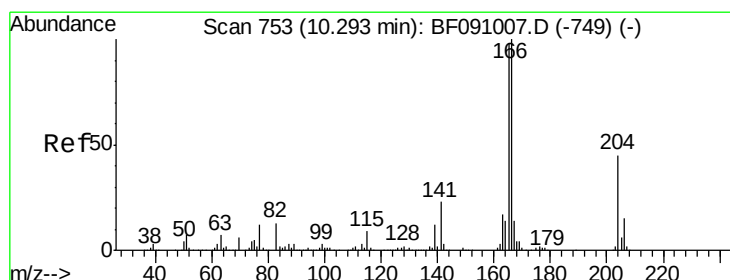
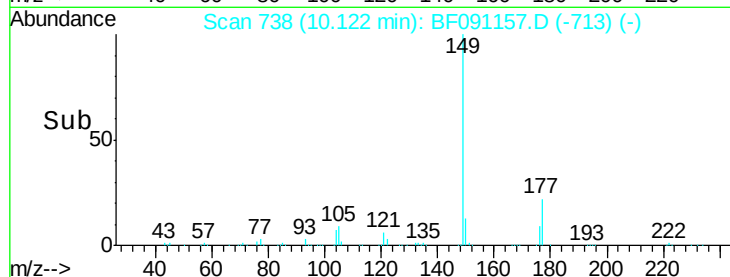
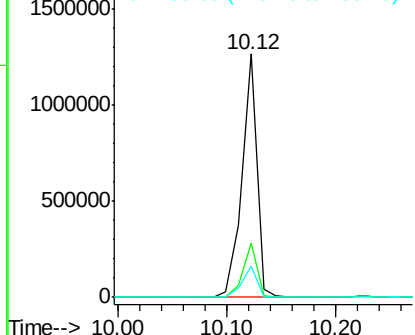
150 12.9 10.3 15.5

Manual Integrations
APPROVED

sohil
11/14/2016 6:36:44 PM



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



#60

4-Chlorophenyl-phenylether

Concen: 43.81 ng

RT: 10.22 min Scan# 747

Delta R.T. -0.02 min

Lab File: BF091157.D

Acq: 11 Nov 2016 23:03

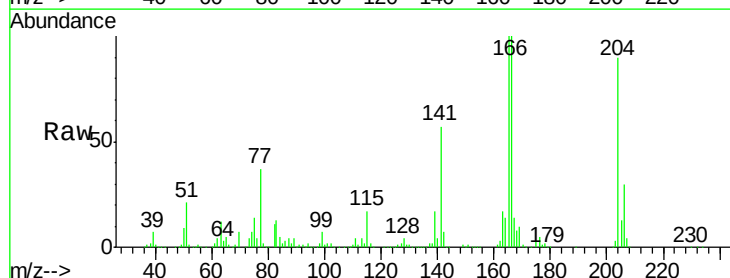
Tgt Ion:204 Resp: 483191

Ion Ratio Lower Upper

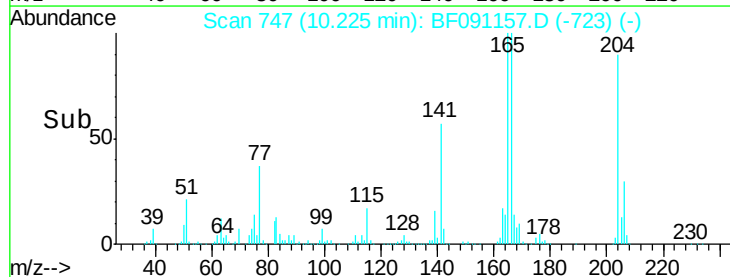
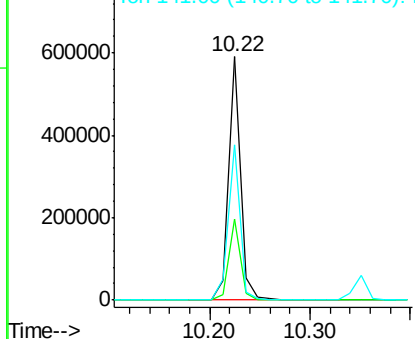
204 100

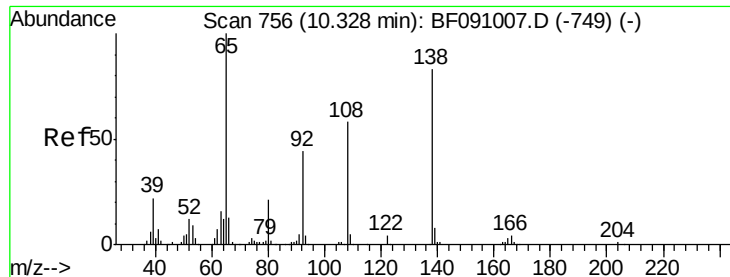
206 33.1 27.1 40.7

141 63.8 40.1 60.1#



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





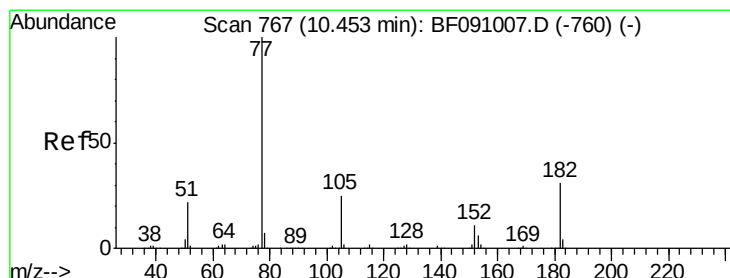
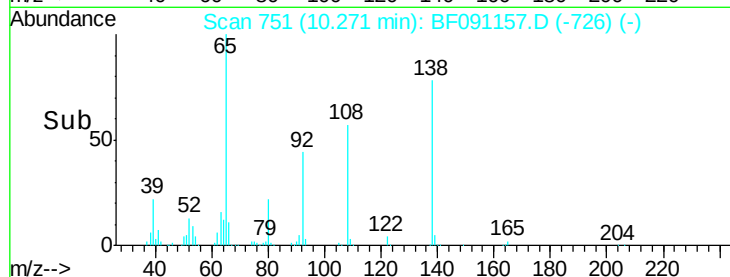
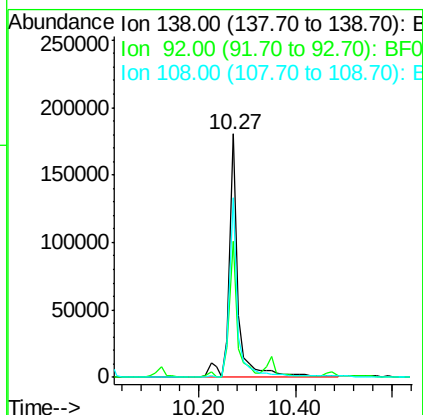
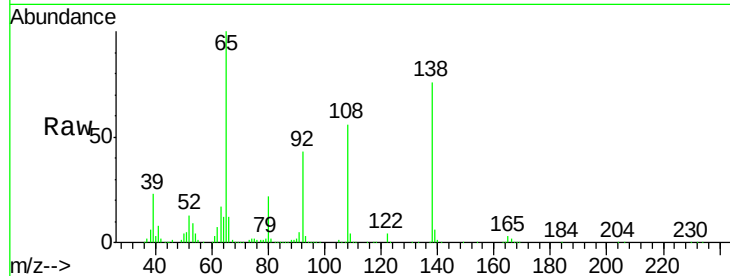
#61
4-Nitroaniline
Concen: 34.31 ng
RT: 10.27 min Scan# 751
Delta R.T. -0.01 min
Lab File: BF091157.D
Acq: 11 Nov 2016 23:03

Instrument :
BNA_F
ClientSampleId :
SB-COMPMS

Tot Ion	Ratio	Lower	Upper
138	100		
92	56.0	32.5	72.5
108	74.0	49.4	89.4

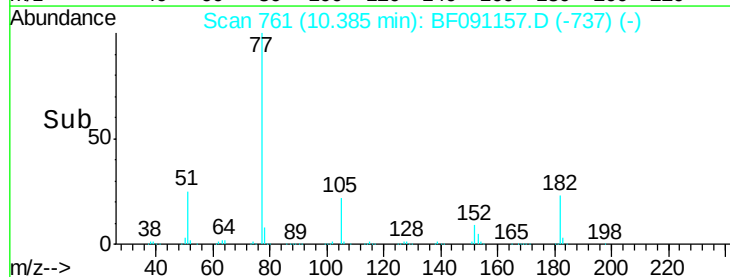
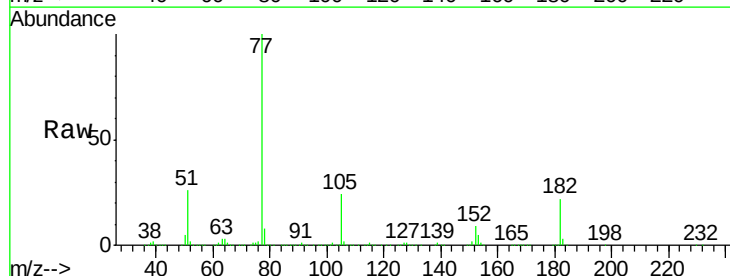
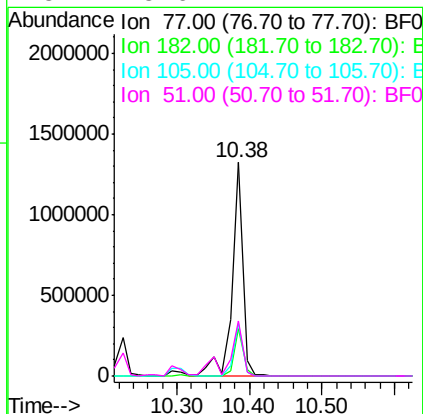
Manual Integrations
APPROVED

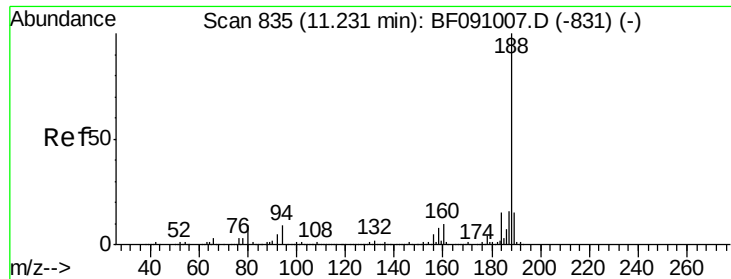
sohil
11/14/2016 6:36:44 PM



#62
Azobenzene
Concen: 42.25 ng
RT: 10.38 min Scan# 761
Delta R.T. -0.02 min
Lab File: BF091157.D
Acq: 11 Nov 2016 23:03

Tgt Ion	Ratio	Lower	Upper
77	100		
182	22.3	11.0	51.0
105	24.4	5.6	45.6
51	25.6	2.7	42.7





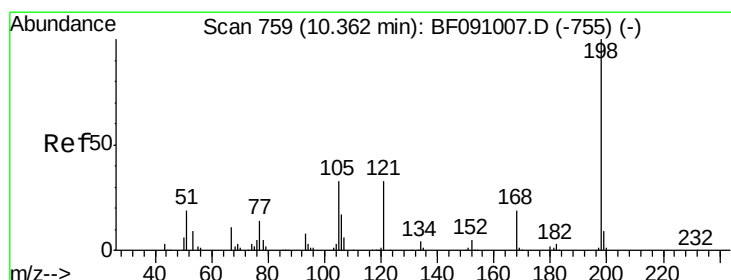
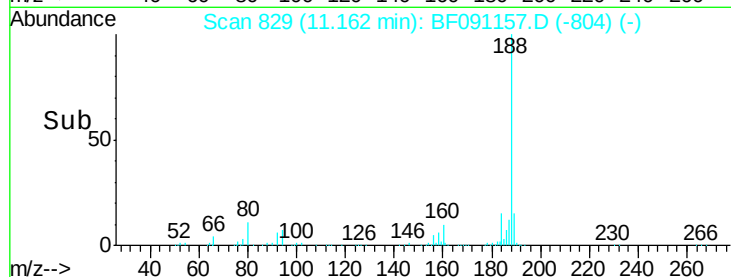
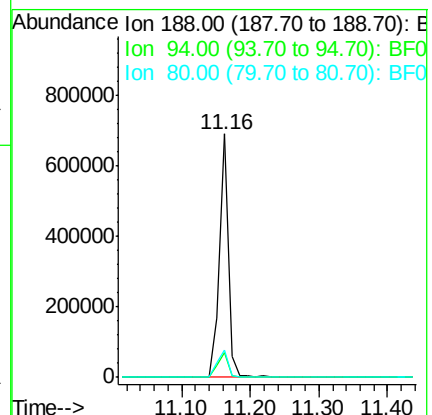
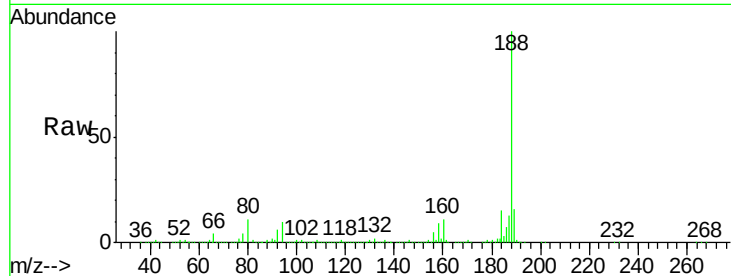
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.16 min Scan# 829
Delta R.T. -0.01 min
Lab File: BF091157.D
Acq: 11 Nov 2016 23:03

Instrument :
BNA_F
ClientSampleId :
SB-COMPMS

Tot Ion	Ratio	Resp Lower	Resp Upper
188	100		
94	10.4	7.0	10.4
80	11.3	7.5	11.3#

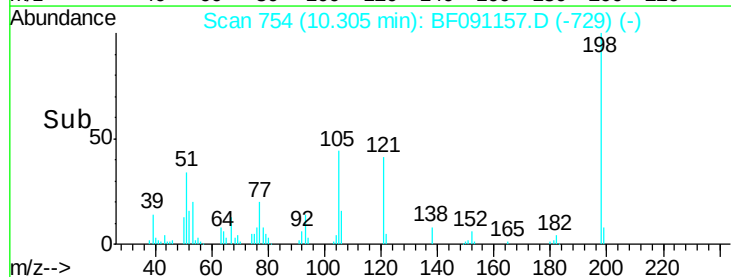
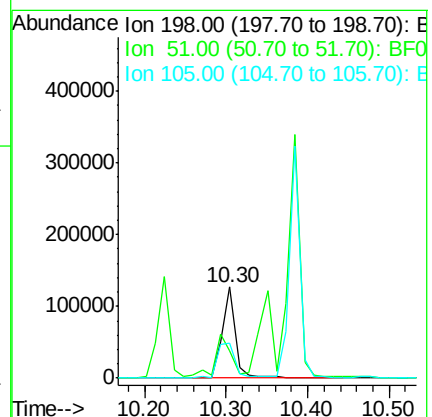
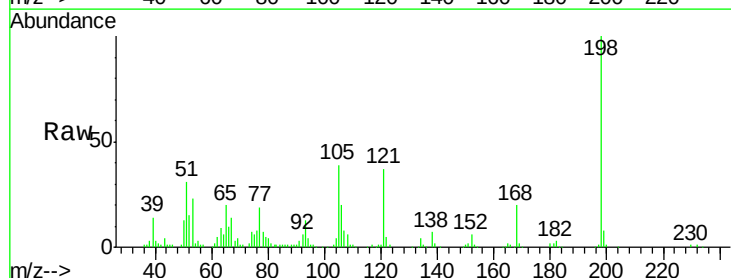
Manual Integrations
APPROVED

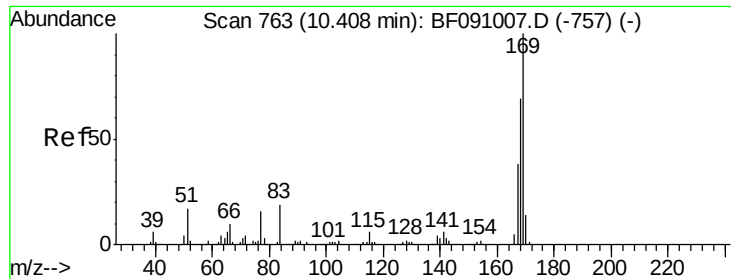
sohil
11/14/2016 6:36:44 PM



#64
4,6-Dinitro-2-methylphenol
Concen: 35.84 ng
RT: 10.30 min Scan# 754
Delta R.T. -0.01 min
Lab File: BF091157.D
Acq: 11 Nov 2016 23:03

Tgt Ion	Ratio	Resp Lower	Resp Upper
198	100		
51	30.5	5.9	45.9
105	38.6	13.8	53.8





#65

n-Nitrosodiphenylamine

Concen: 45.06 ng

RT: 10.35 min Scan# 758

Delta R.T. -0.01 min

Lab File: BF091157.D

Acq: 11 Nov 2016 23:03

Instrument :

BNA_F

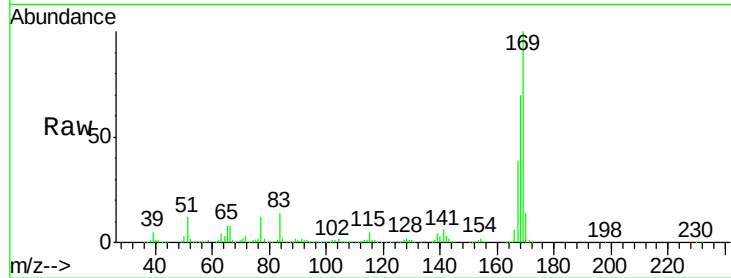
ClientSampleId :

SB-COMPMS

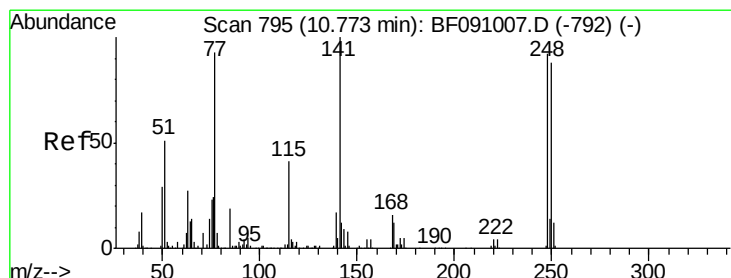
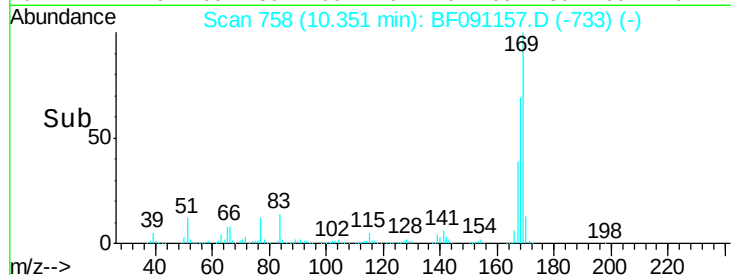
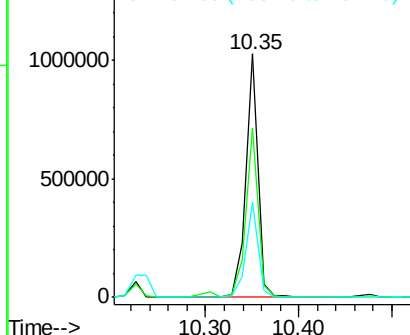
Tot Ion:	169	Resp:	927717
Ion Ratio	Lower	Upper	
169	100		
168	69.5	55.3	82.9
167	38.9	30.3	45.5

Manual Integrations
APPROVED

sohil
11/14/2016 6:36:44 PM



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



#66

4-Bromophenyl-phenylether

Concen: 43.67 ng

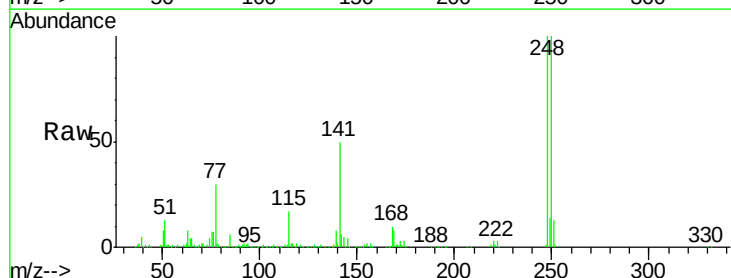
RT: 10.72 min Scan# 790

Delta R.T. -0.01 min

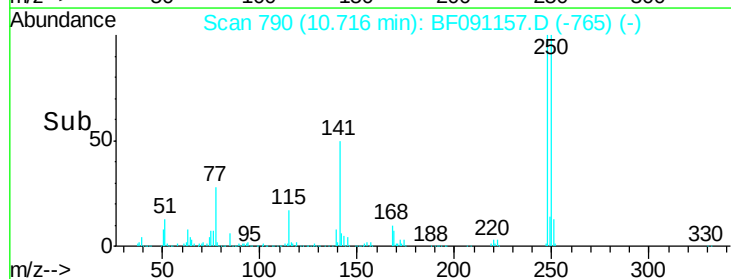
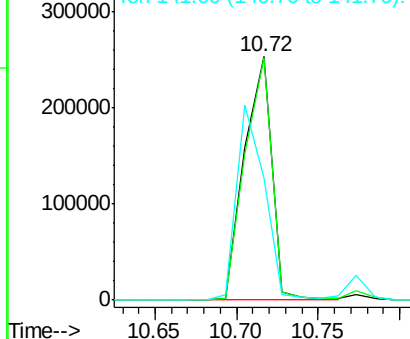
Lab File: BF091157.D

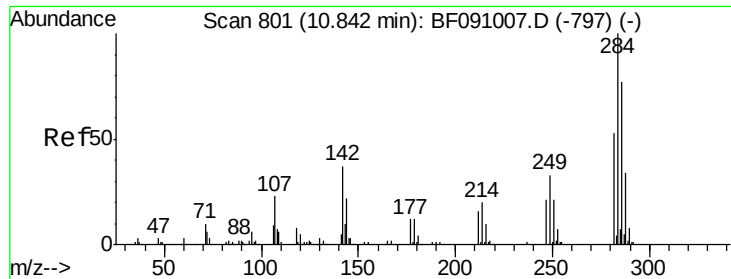
Acq: 11 Nov 2016 23:03

Tgt Ion:	248	Resp:	294228
Ion Ratio	Lower	Upper	
248	100		
250	99.7	76.3	114.5
141	49.9	86.8	130.2#



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





#67

Hexachlorobenzene

Concen: 41.52 ng

RT: 10.77 min Scan# 795

Delta R.T. -0.02 min

Lab File: BF091157.D

Acq: 11 Nov 2016 23:03

Instrument :

BNA_F

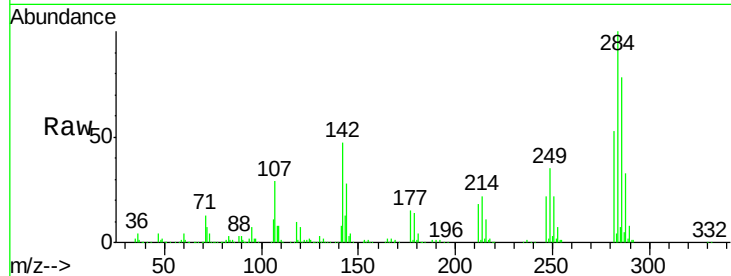
ClientSampleId :

SB-COMPMS

Tot Ion	Ratio	Resp	Lower	Upper
284	100	308472		
142	46.9	29.9	44.9#	
249	35.3	26.6	39.8	

Manual Integrations
APPROVED

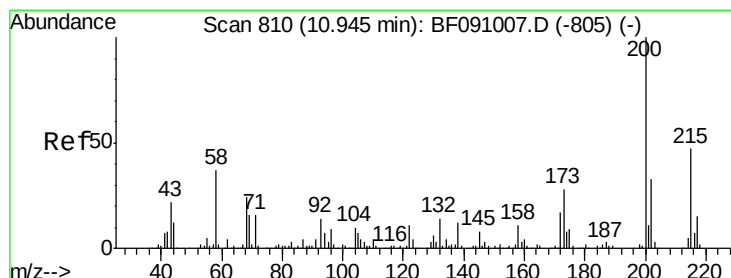
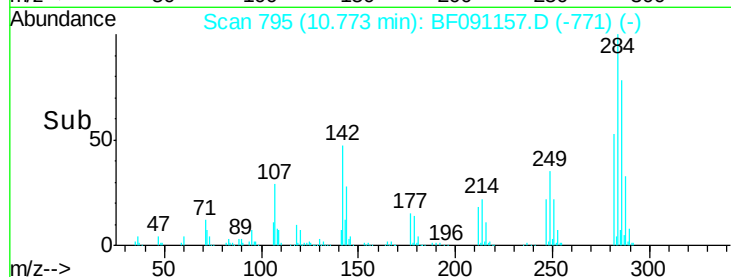
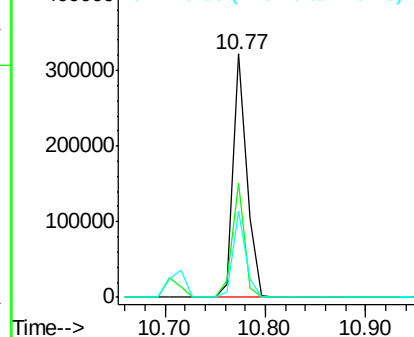
sohil
11/14/2016 6:36:44 PM



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: 51.37 ng

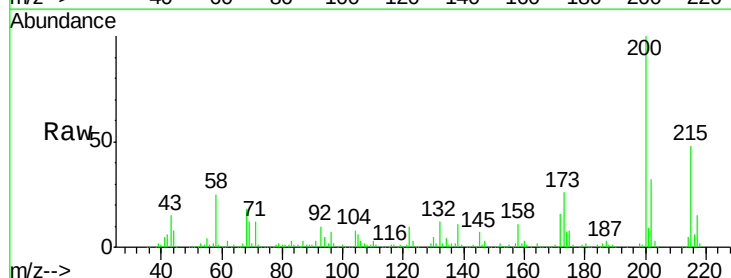
RT: 10.89 min Scan# 805

Delta R.T. -0.01 min

Lab File: BF091157.D

Acq: 11 Nov 2016 23:03

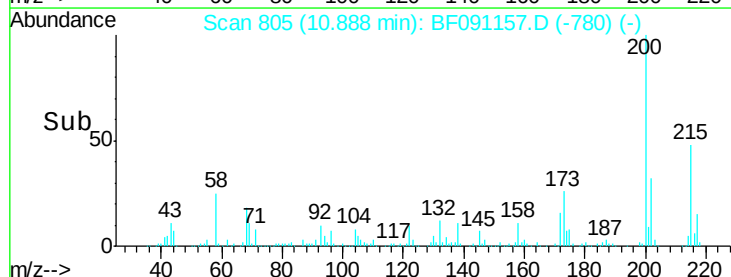
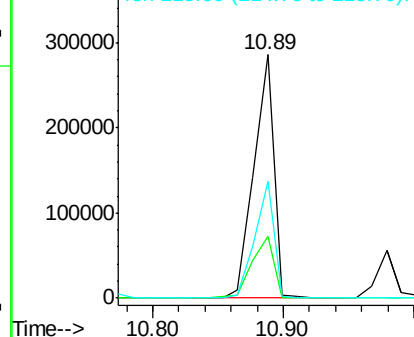
Tgt Ion	Ratio	Resp	Lower	Upper
200	100	305097		
173	25.6	8.1	48.1	
215	48.0	27.3	67.3	

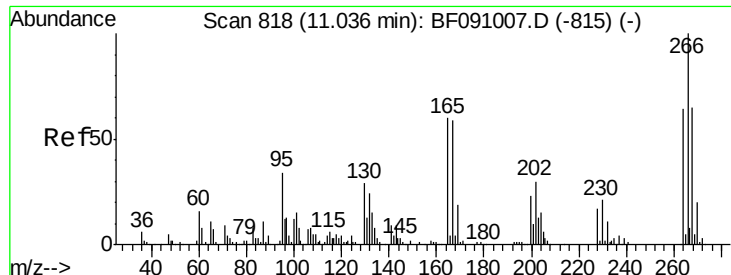


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E





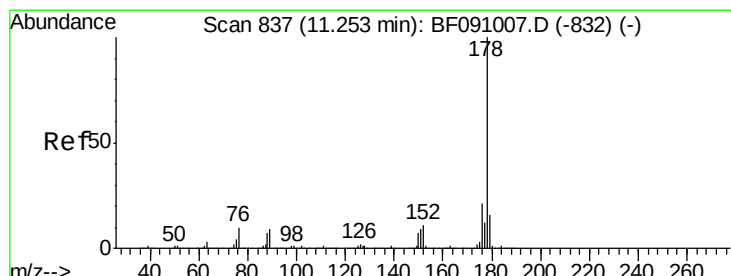
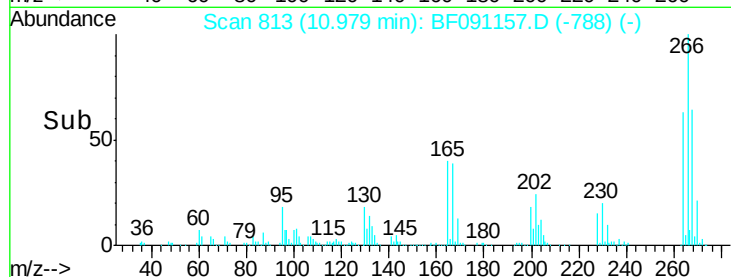
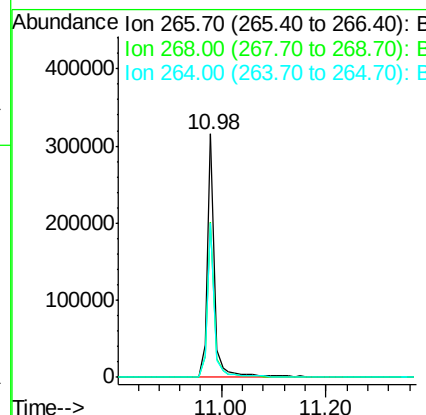
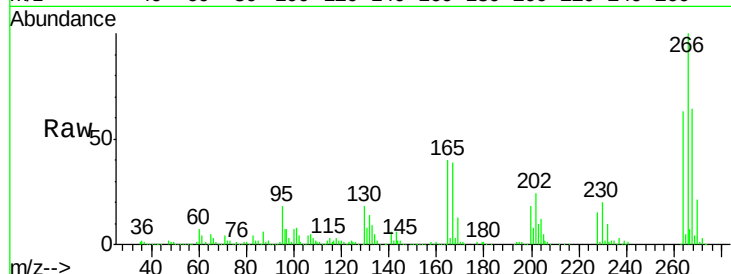
#69
 Pentachlorophenol
 Concen: 94.20 ng
 RT: 10.98 min Scan# 813
 Delta R.T. -0.01 min
 Lab File: BF091157.D
 Acq: 11 Nov 2016 23:03

Instrument :
 BNA_F
 ClientSampleId :
 SB-COMPMS

Tot Ion	Ratio	Lower	Upper
266	100		
268	63.8	52.1	78.1
264	63.5	51.1	76.7

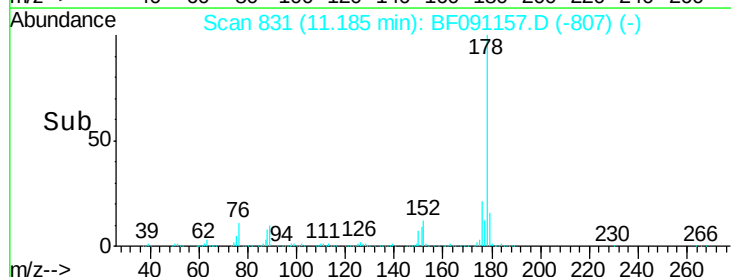
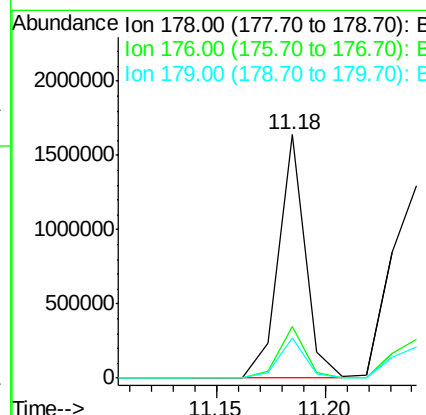
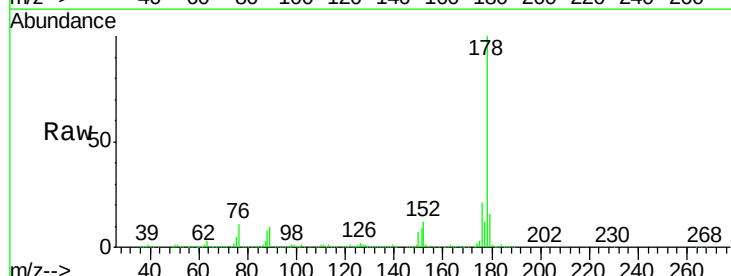
Manual Integrations
 APPROVED

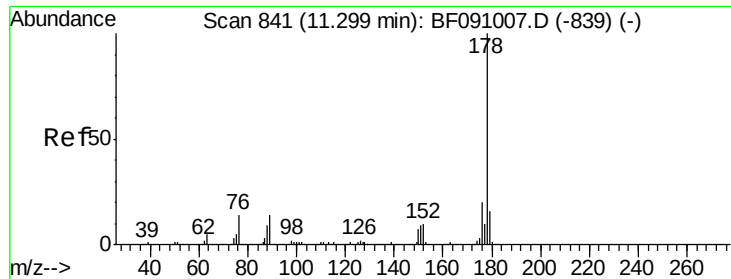
sohil
 11/14/2016 6:36:44 PM



#70
 Phenanthrene
 Concen: 41.28 ng
 RT: 11.18 min Scan# 831
 Delta R.T. -0.02 min
 Lab File: BF091157.D
 Acq: 11 Nov 2016 23:03

Tgt Ion	Ratio	Lower	Upper
178	100		
176	21.2	16.6	25.0
179	16.5	12.9	19.3





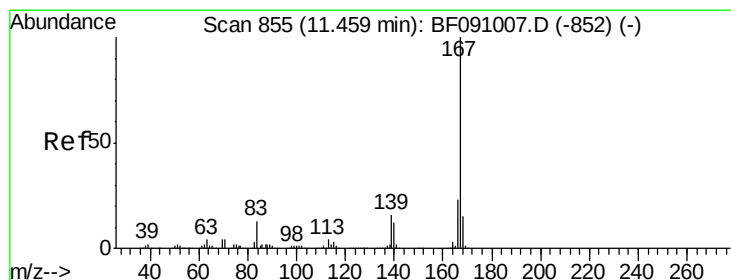
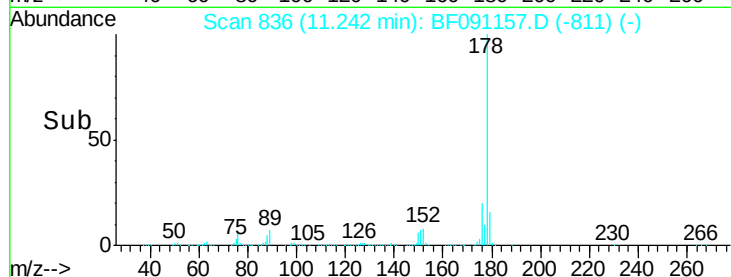
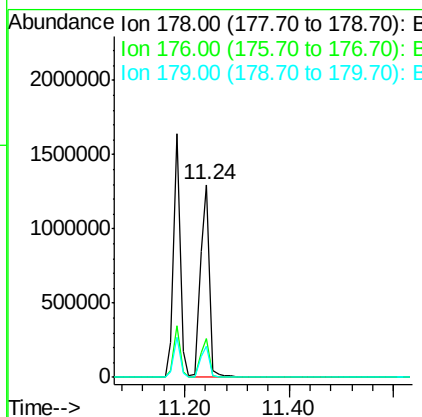
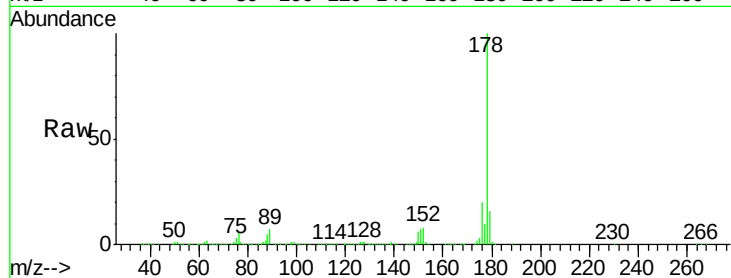
#71
 Anthracene
 Concen: 42.70 ng
 RT: 11.24 min Scan# 836
 Delta R.T. -0.01 min
 Lab File: BF091157.D
 Acq: 11 Nov 2016 23:03

Instrument :
 BNA_F
 ClientSampleId :
 SB-COMPMS

Tot Ion:178 Resp: 1563158
 Ion Ratio Lower Upper
 178 100
 176 19.9 16.0 24.0
 179 15.8 13.0 19.6

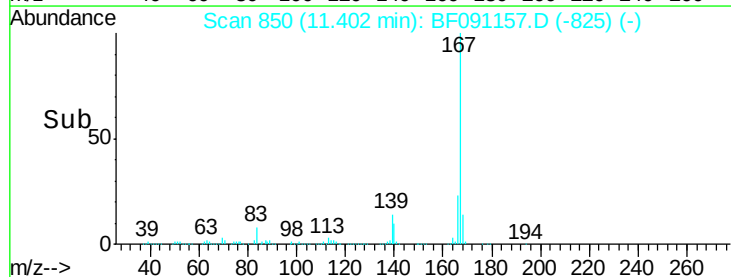
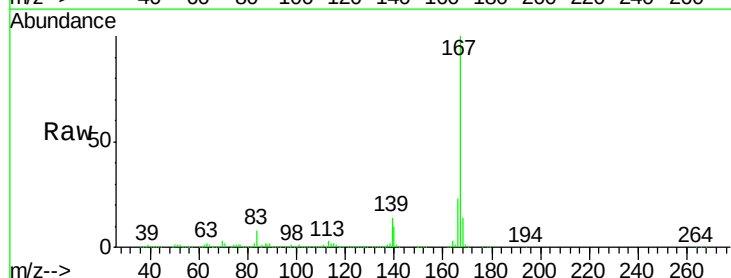
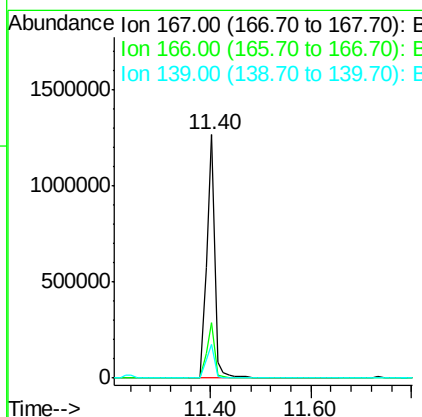
Manual Integrations
 APPROVED

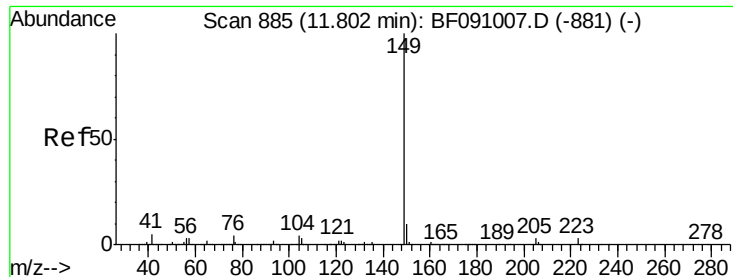
sohil
 11/14/2016 6:36:44 PM



#72
 Carbazole
 Concen: 42.36 ng
 RT: 11.40 min Scan# 850
 Delta R.T. -0.01 min
 Lab File: BF091157.D
 Acq: 11 Nov 2016 23:03

Tgt Ion:167 Resp: 1397303
 Ion Ratio Lower Upper
 167 100
 166 23.0 18.0 27.0
 139 13.8 12.6 18.8





#73

Di-n-butylphthalate

Concen: 40.21 ng

RT: 11.73 min Scan# 879

Delta R.T. -0.02 min

Lab File: BF091157.D

Acq: 11 Nov 2016 23:03

Instrument :

BNA_F

ClientSampleId :

SB-COMPMS

Tot Ion:149 Resp: 1668278

Ion Ratio Lower Upper

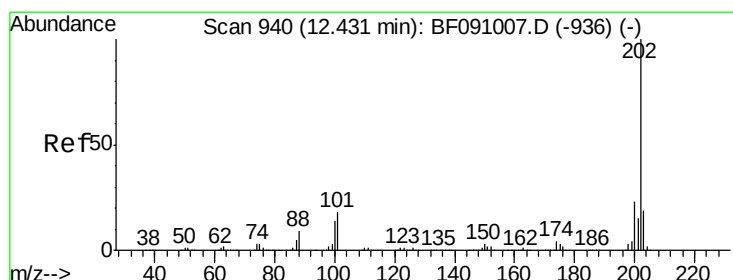
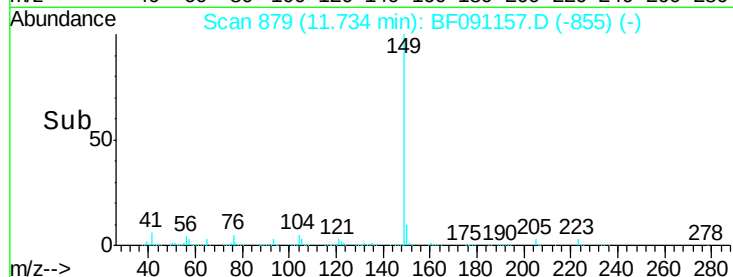
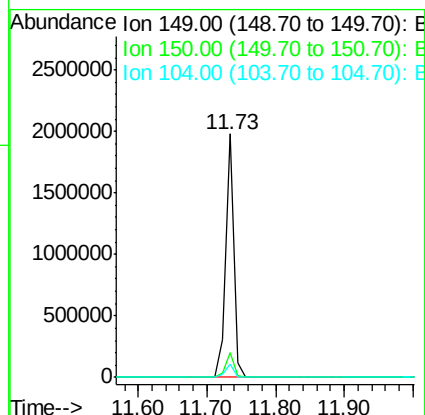
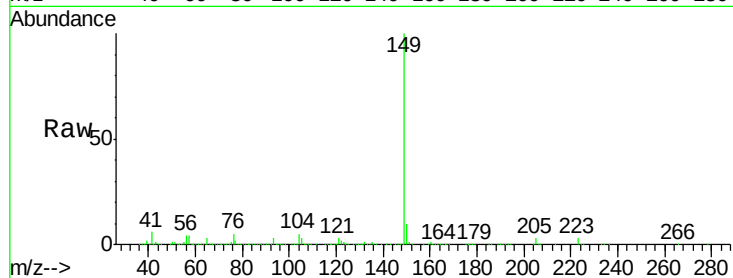
149 100

150 10.1 7.7 11.5

104 5.3 3.6 5.4

Manual Integrations
APPROVED

sohil
11/14/2016 6:36:44 PM



#74

Fluoranthene

Concen: 39.60 ng

RT: 12.36 min Scan# 934

Delta R.T. -0.02 min

Lab File: BF091157.D

Acq: 11 Nov 2016 23:03

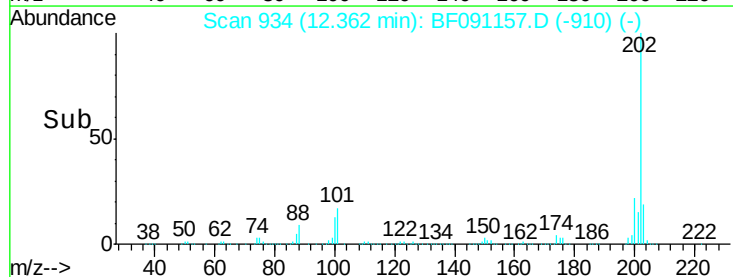
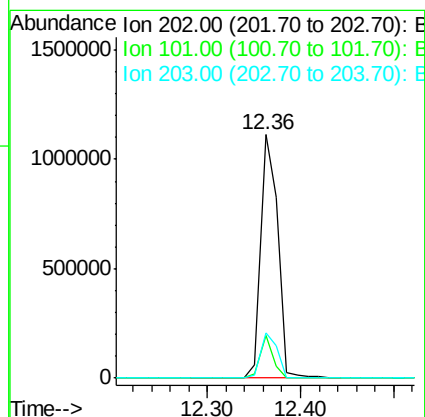
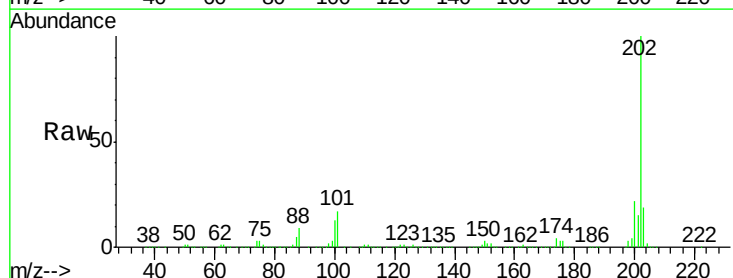
Tgt Ion:202 Resp: 1413965

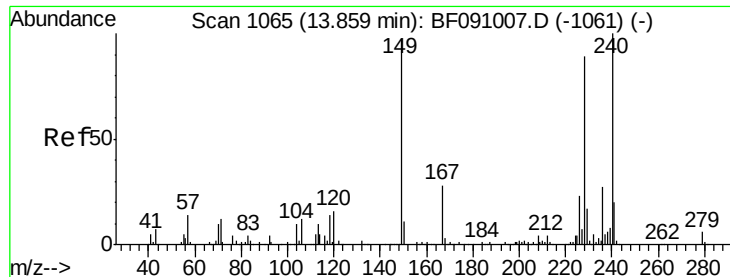
Ion Ratio Lower Upper

202 100

101 17.4 0.0 37.6

203 18.7 0.0 38.6





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.79 min Scan# 1059

Delta R.T. -0.02 min

Lab File: BF091157.D

Acq: 11 Nov 2016 23:03

Instrument :

BNA_F

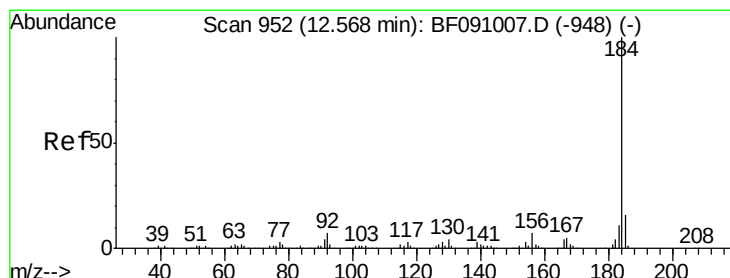
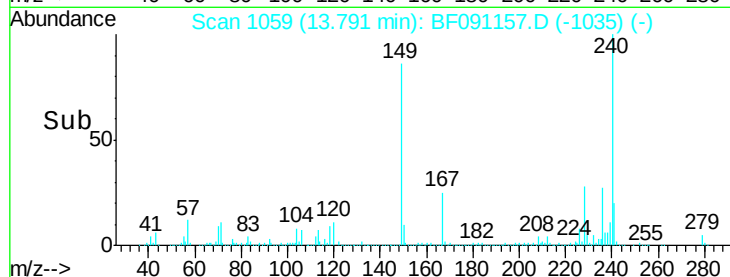
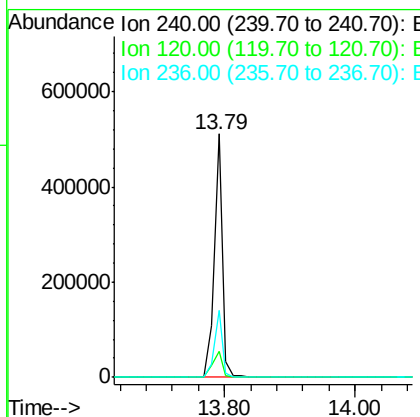
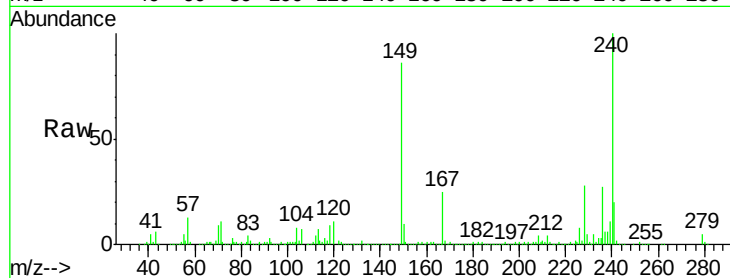
ClientSampleId :

SB-COMPMS

Tot Ion	Ratio	Lower	Upper
240	100		
120	10.5	12.9	19.3#
236	27.3	21.9	32.9

Manual Integrations
APPROVED

sohil
11/14/2016 6:36:44 PM



#76

Benzidine

Concen: 43.59 ng

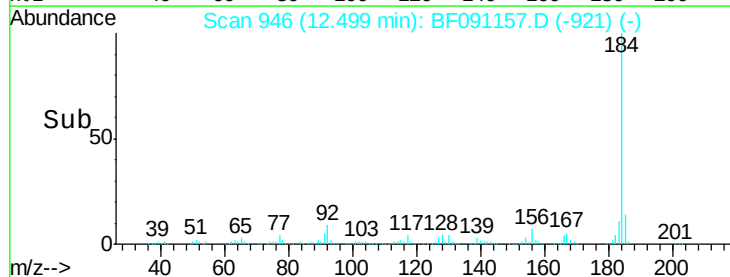
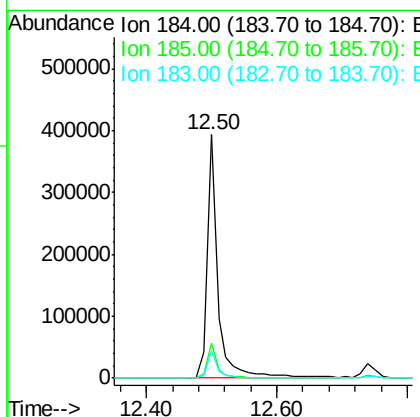
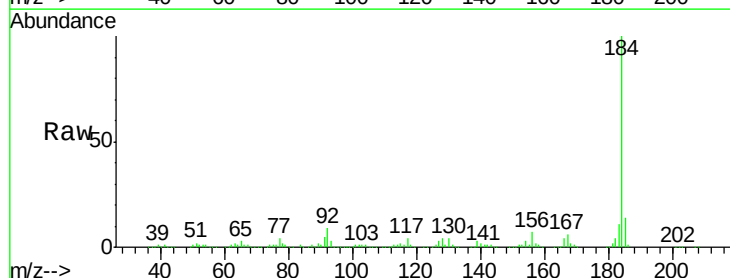
RT: 12.50 min Scan# 946

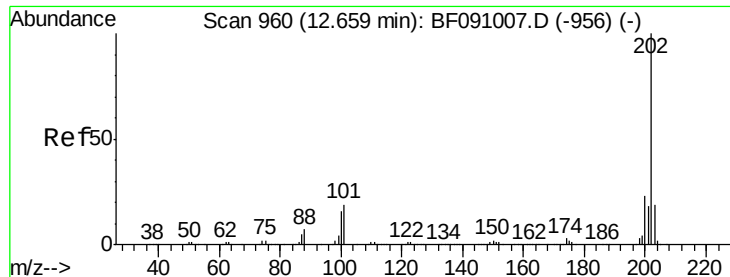
Delta R.T. -0.01 min

Lab File: BF091157.D

Acq: 11 Nov 2016 23:03

Tgt Ion	Ratio	Lower	Upper
184	100		
185	14.5	13.0	19.4
183	11.3	8.7	13.1





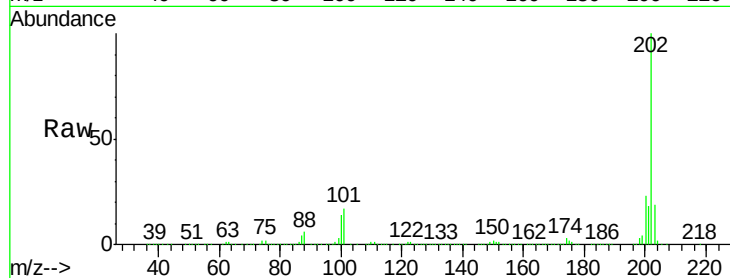
#77
Pvrene
Concen: 45.97 ng
RT: 12.59 min Scan# 954
Delta R.T. -0.02 min
Lab File: BF091157.D
Acq: 11 Nov 2016 23:03

Instrument :
BNA_F
ClientSampleId :
SB-COMPMS

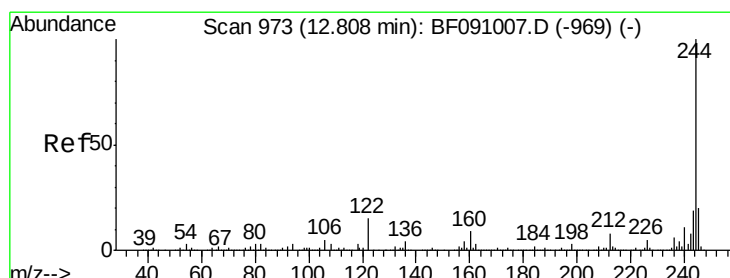
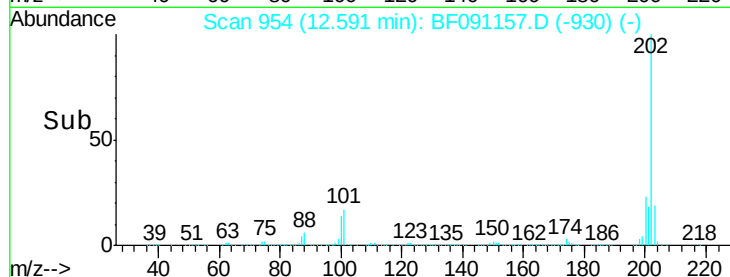
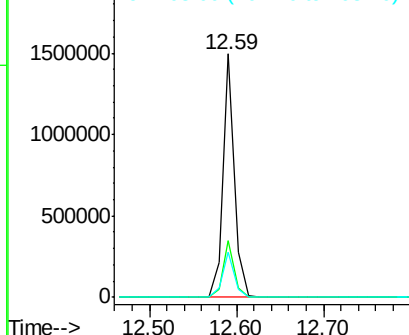
Tot Ion	Ratio	Lower	Upper
202	100		
200	23.2	18.4	27.6
203	18.7	15.0	22.6

Manual Integrations
APPROVED

sohil
11/14/2016 6:36:44 PM



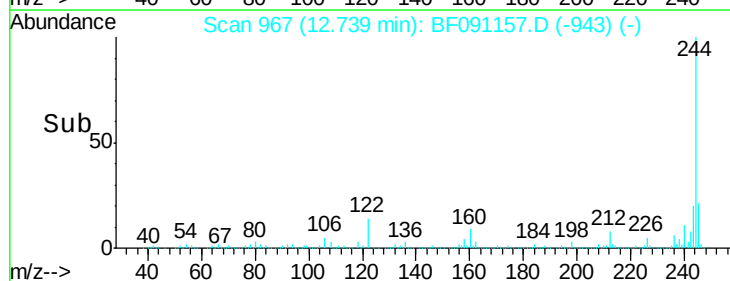
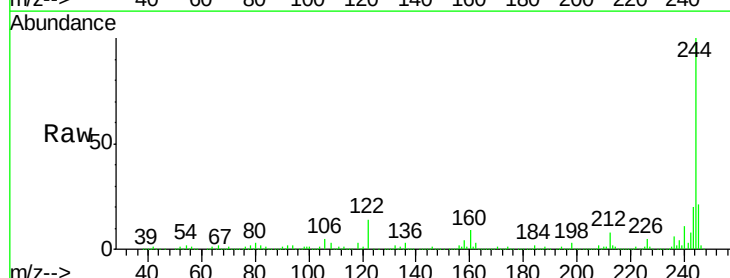
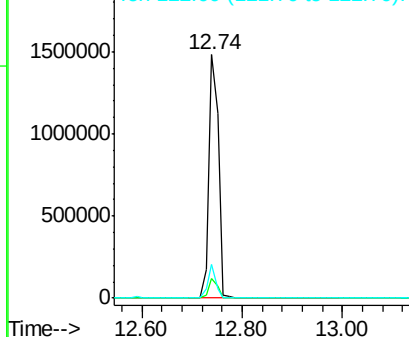
Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

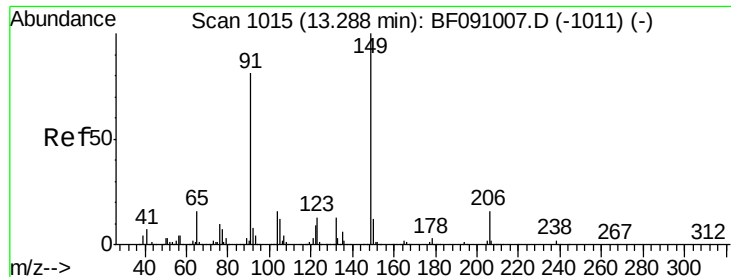


#78
Terphenyl-d14
Concen: 105.87 ng
RT: 12.74 min Scan# 967
Delta R.T. -0.02 min
Lab File: BF091157.D
Acq: 11 Nov 2016 23:03

Tgt Ion	Ratio	Lower	Upper
244	100		
212	8.0	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





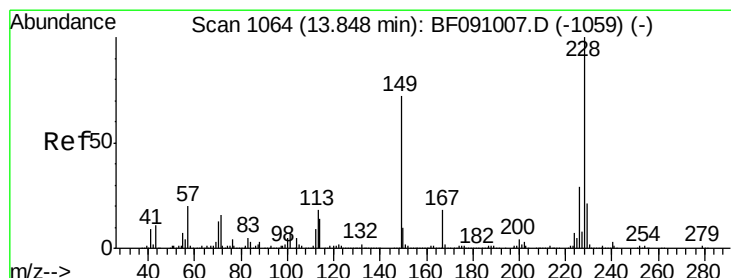
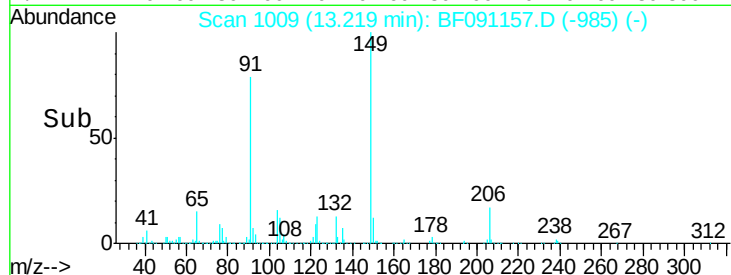
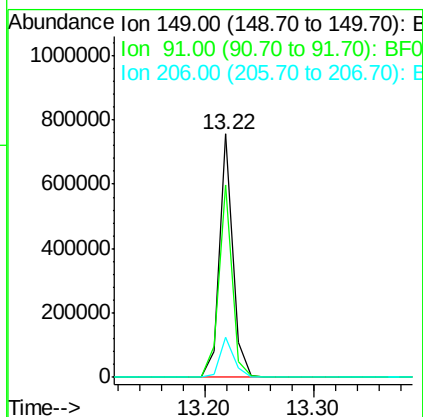
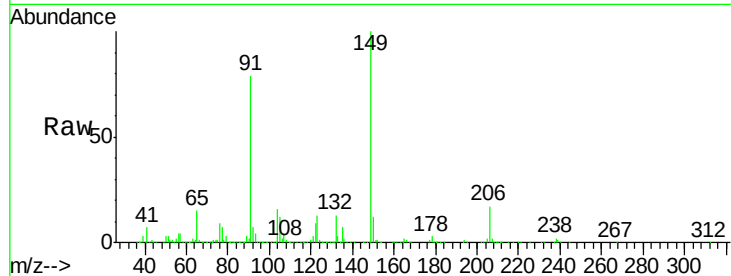
#79
Butylbenzylphthalate
Concen: 45.56 ng
RT: 13.22 min Scan# 1009
Delta R.T. -0.02 min
Lab File: BF091157.D
Acq: 11 Nov 2016 23:03

Instrument :
BNA_F
ClientSampleId :
SB-COMPMS

Tot Ion	Ratio	Lower	Upper
149	100		
91	79.1	65.0	97.4
206	16.5	12.5	18.7

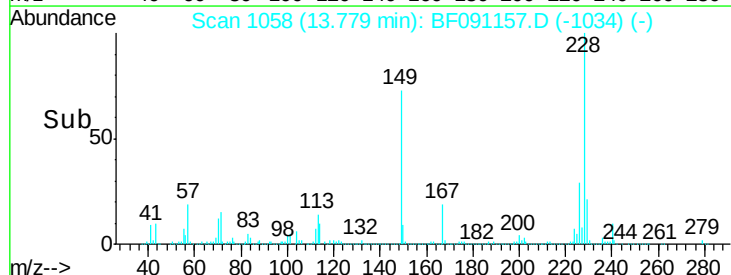
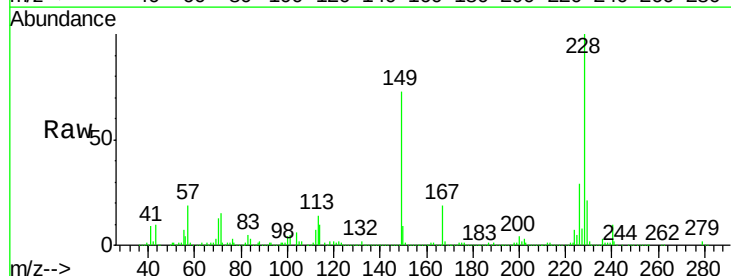
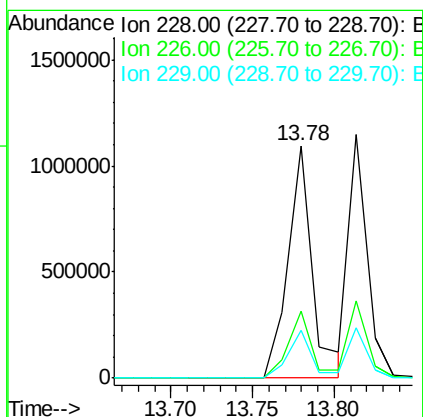
Manual Integrations
APPROVED

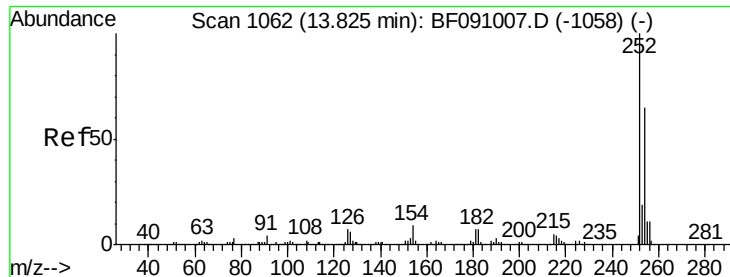
sohil
11/14/2016 6:36:44 PM



#80
Benzo(a)anthracene
Concen: 44.08 ng
RT: 13.78 min Scan# 1058
Delta R.T. -0.02 min
Lab File: BF091157.D
Acq: 11 Nov 2016 23:03

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.9	23.0	34.6
229	20.5	16.6	24.8





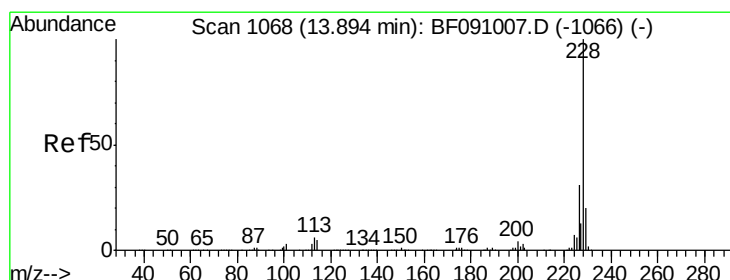
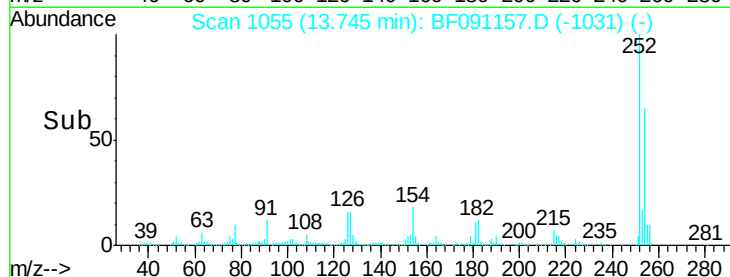
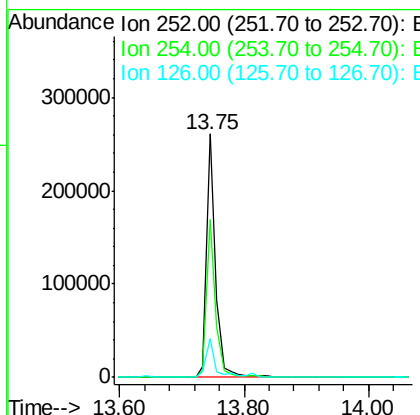
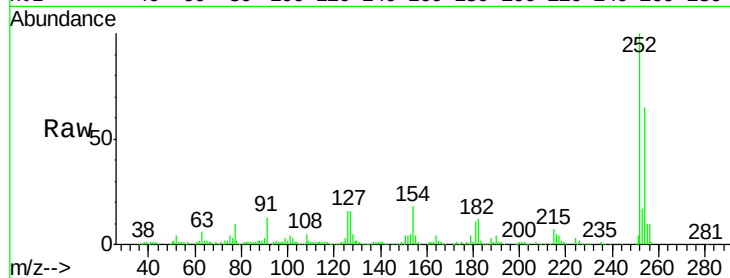
#81
 3,3'-Dichlorobenzidine
 Concen: 28.90 ng
 RT: 13.75 min Scan# 1055
 Delta R.T. -0.02 min
 Lab File: BF091157.D
 Acq: 11 Nov 2016 23:03

Instrument :
 BNA_F
 ClientSampleId :
 SB-COMPMS

Tot Ion	Ratio	Resp Lower	Upper
252	100		
254	65.0	52.0	78.0
126	16.1	5.4	8.2

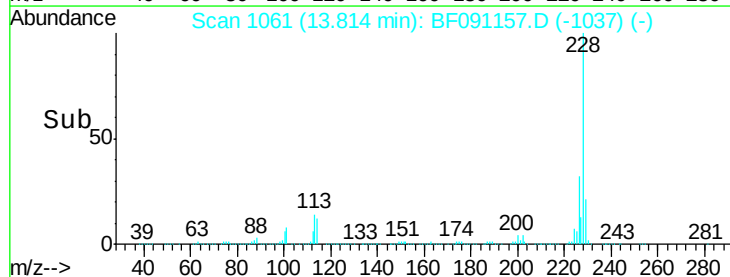
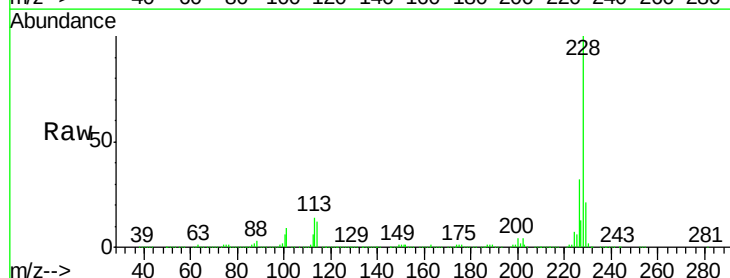
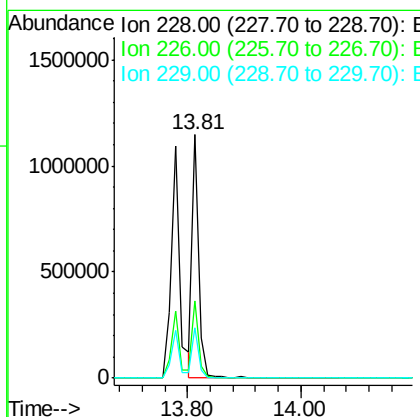
Manual Integrations
 APPROVED

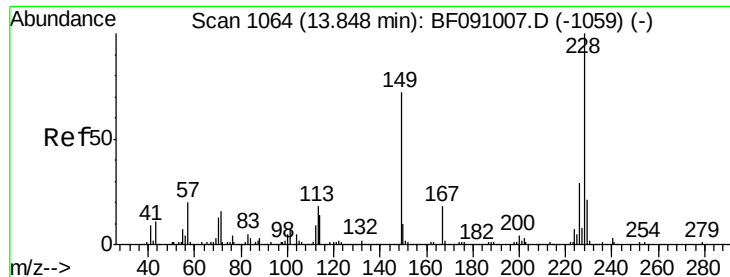
sohil
 11/14/2016 6:36:44 PM



#82
 Chrysene
 Concen: 37.15 ng
 RT: 13.81 min Scan# 1061
 Delta R.T. -0.02 min
 Lab File: BF091157.D
 Acq: 11 Nov 2016 23:03

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
226	31.9	24.9	37.3
229	20.8	15.9	23.9





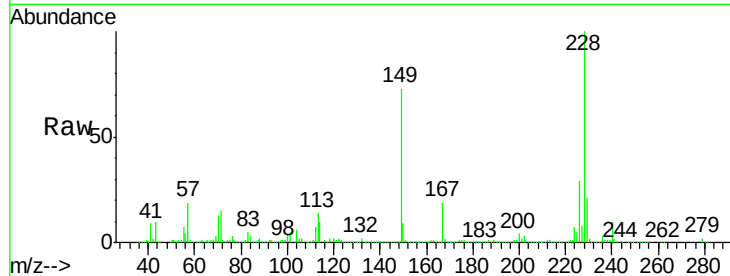
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 45.56 ng
 RT: 13.78 min Scan# 1058
 Delta R.T. -0.02 min
 Lab File: BF091157.D
 Acq: 11 Nov 2016 23:03

Instrument :
 BNA_F
 ClientSampleId :
 SB-COMPMS

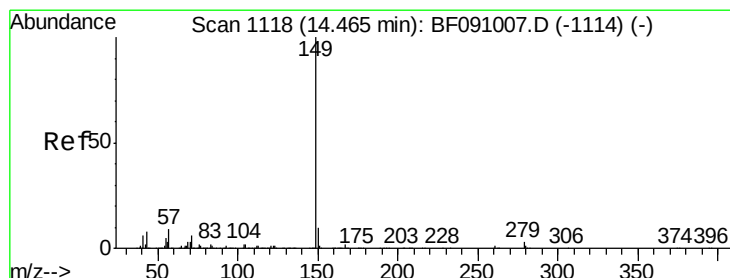
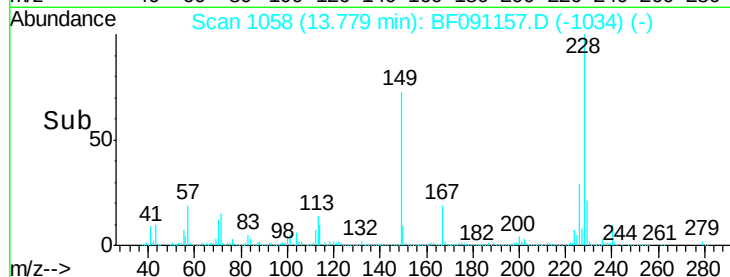
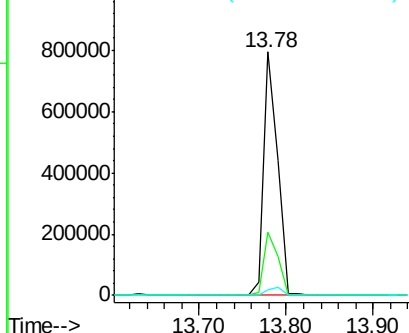
Tot Ion	Ratio	Resp	Lower	Upper
149	100	888120		
167	26.0		20.4	30.6
279	2.2		1.6	2.4

Manual Integrations
 APPROVED

sohil
 11/14/2016 6:36:44 PM

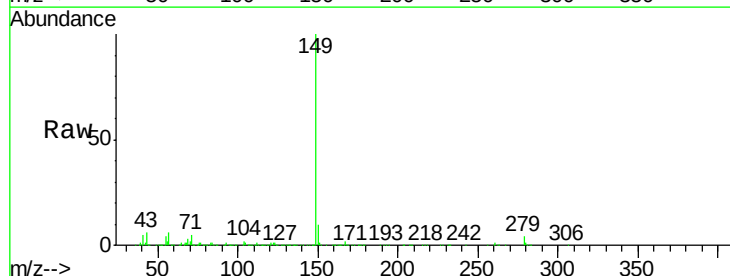


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

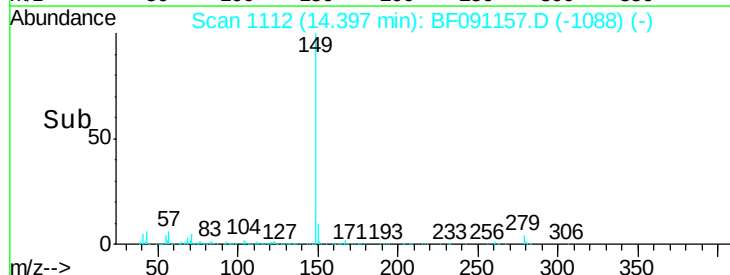
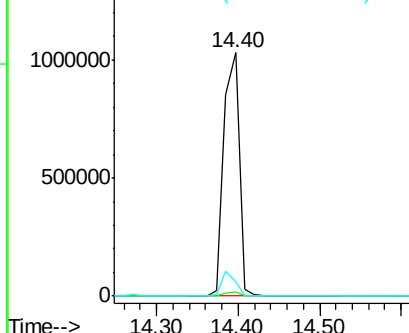


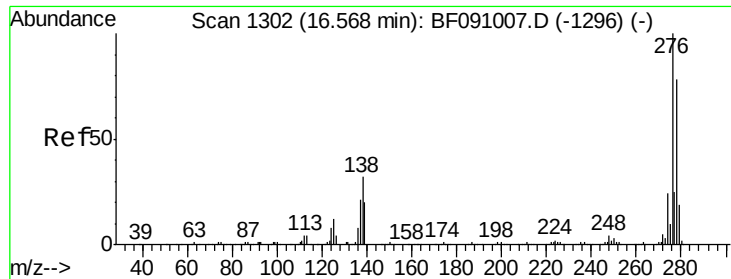
#84
 Di-n-octyl phthalate
 Concen: 41.66 ng
 RT: 14.40 min Scan# 1112
 Delta R.T. -0.02 min
 Lab File: BF091157.D
 Acq: 11 Nov 2016 23:03

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	1335126		
167	1.7		1.2	1.8
43	9.1		8.2	12.4



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





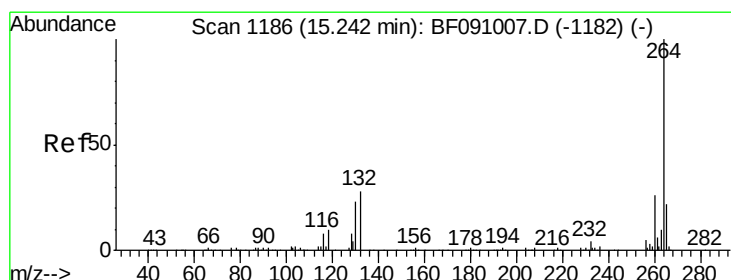
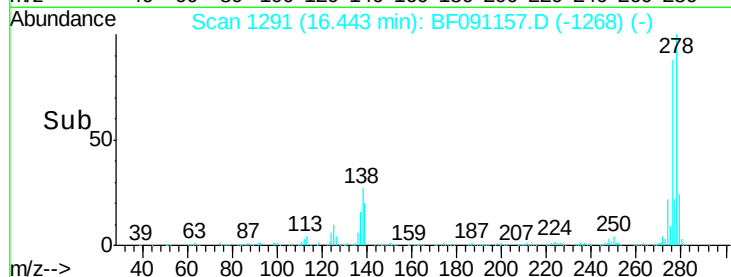
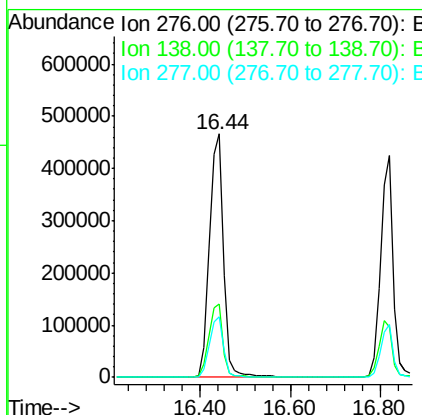
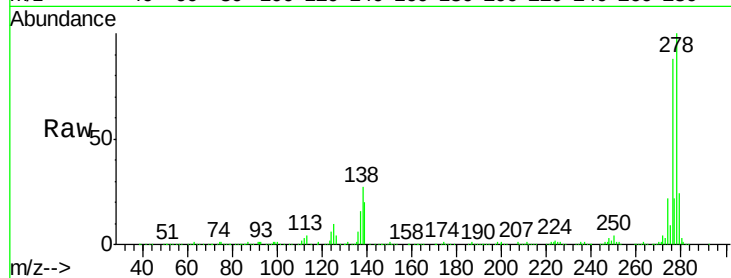
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 47.79 ng
 RT: 16.44 min Scan# 1291
 Delta R.T. -0.03 min
 Lab File: BF091157.D
 Acq: 11 Nov 2016 23:03

Instrument :
 BNA_F
 ClientSampleId :
 SB-COMPMS

Tot Ion	Ratio	Lower	Upper
276	100		
138	30.4	26.0	39.0
277	24.9	20.1	30.1

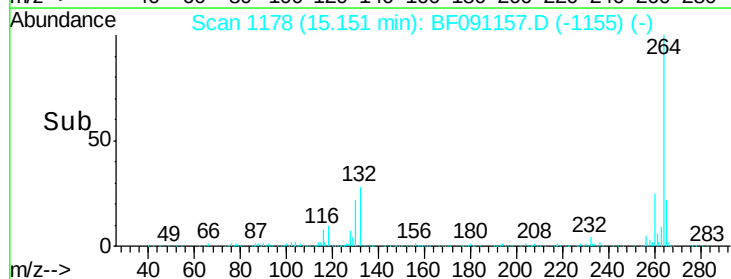
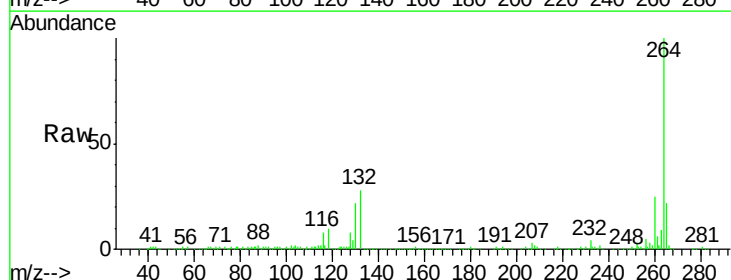
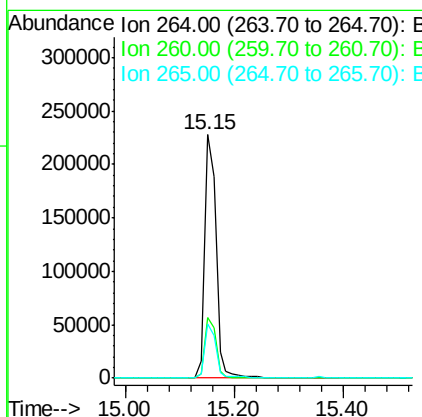
Manual Integrations
 APPROVED

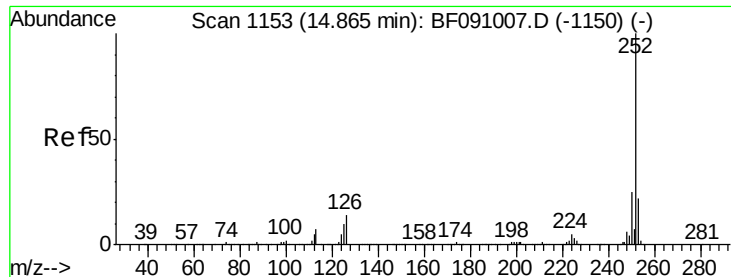
sohil
 11/14/2016 6:36:44 PM



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.15 min Scan# 1178
 Delta R.T. -0.03 min
 Lab File: BF091157.D
 Acq: 11 Nov 2016 23:03

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.9	20.6	30.8
265	22.1	17.8	26.8





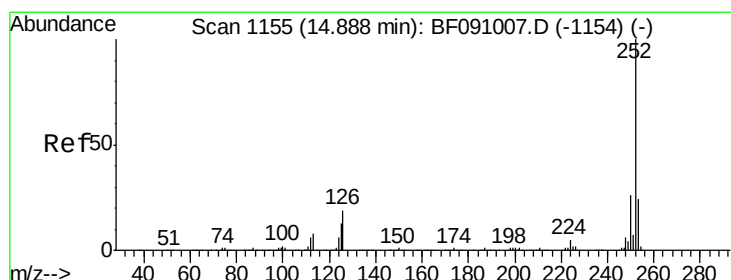
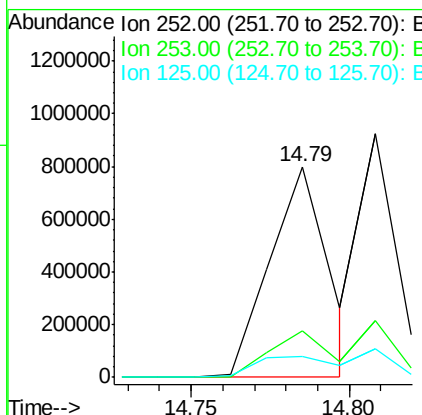
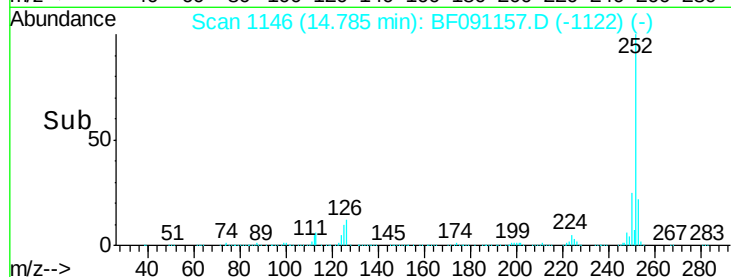
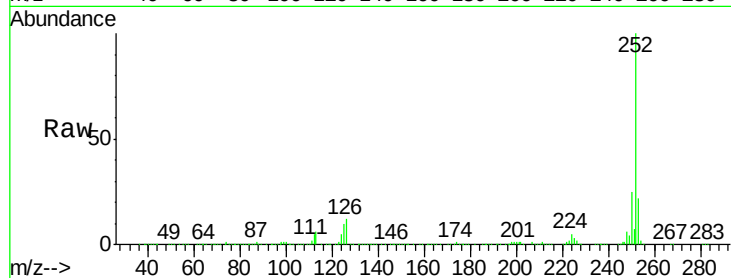
#87
Benzo(b)fluoranthene
Concen: 45.48 ng m
RT: 14.79 min Scan# 1146
Delta R.T. -0.02 min
Lab File: BF091157.D
Acq: 11 Nov 2016 23:03

Instrument :
BNA_F
ClientSampleId :
SB-COMPMS

Tot Ion:252 Resp: 1014968
Ion Ratio Lower Upper
252 100
253 22.2 18.0 27.0
125 9.7 8.3 12.5

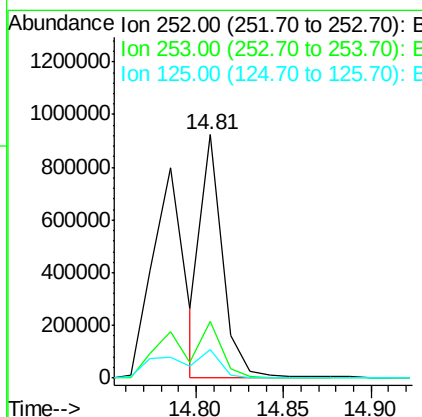
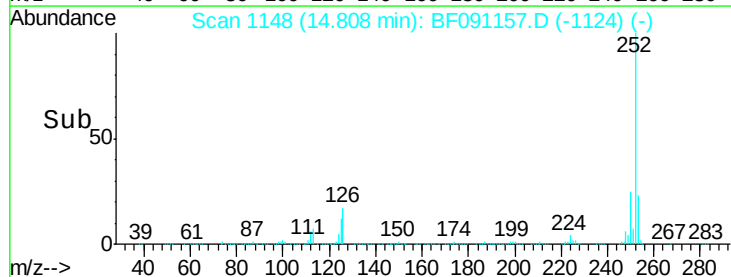
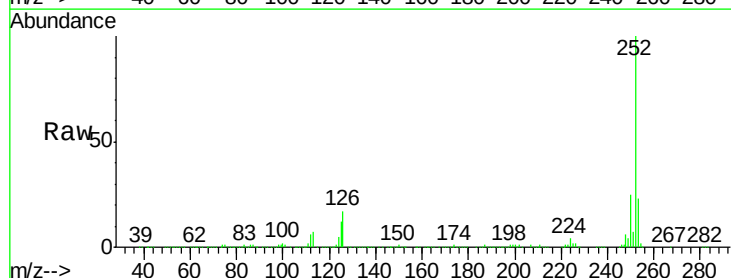
Manual Integrations
APPROVED

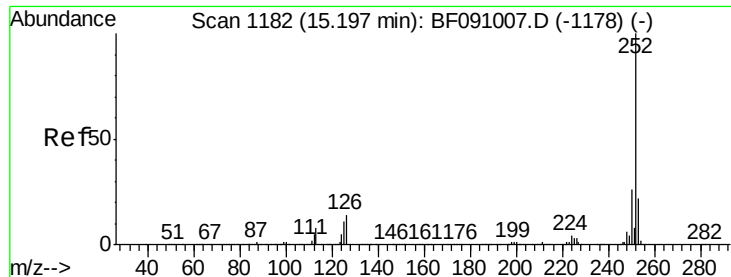
sohil
11/14/2016 6:36:44 PM



#88
Benzo(k)fluoranthene
Concen: 40.01 ng m
RT: 14.81 min Scan# 1148
Delta R.T. -0.02 min
Lab File: BF091157.D
Acq: 11 Nov 2016 23:03

Tgt Ion:252 Resp: 783394
Ion Ratio Lower Upper
252 100
253 23.1 18.6 28.0
125 11.8 11.2 16.8





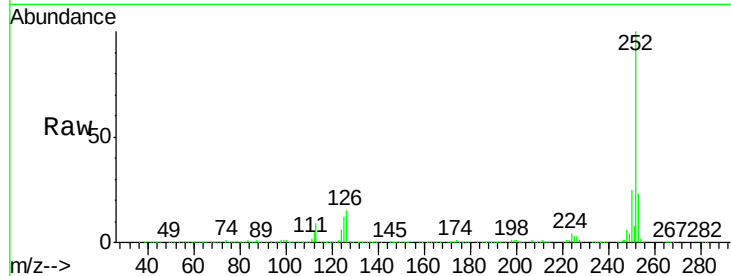
#89
Benzo(a)pyrene
Concen: 45.14 ng
RT: 15.11 min Scan# 1174
Delta R.T. -0.02 min
Lab File: BF091157.D
Acq: 11 Nov 2016 23:03

Instrument :
BNA_F
ClientSampleId :
SB-COMPMS

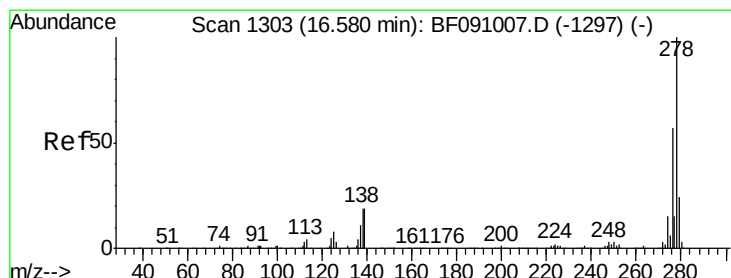
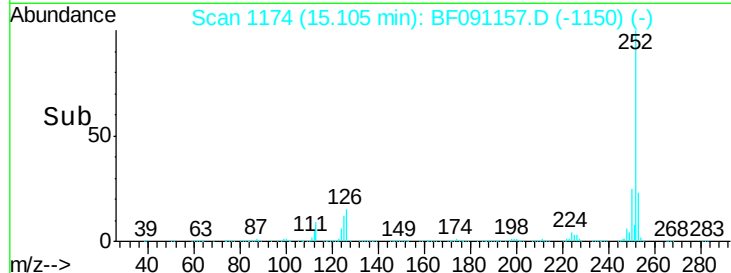
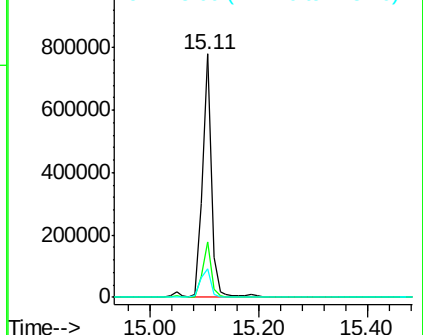
Tot Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.8	26.8
125	11.8	8.6	13.0

Manual Integrations
APPROVED

sohil
11/14/2016 6:36:44 PM



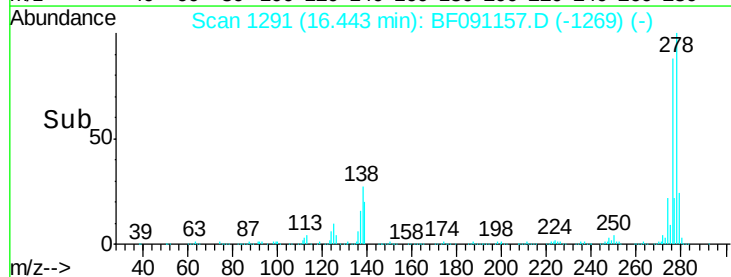
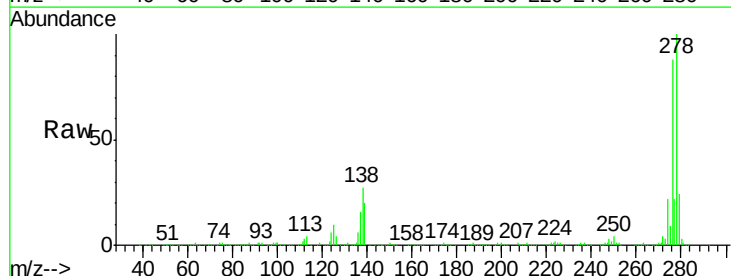
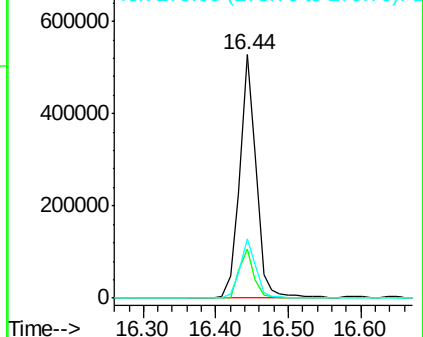
Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

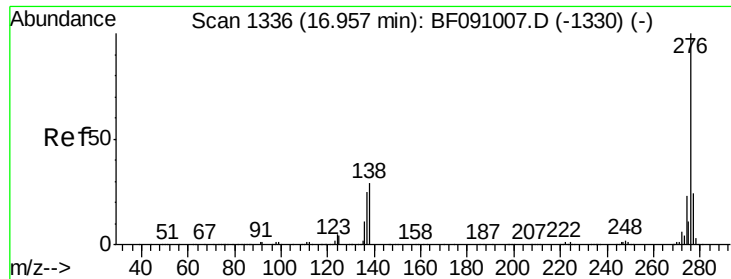


#90
Dibenzo(a,h)anthracene
Concen: 49.84 ng
RT: 16.44 min Scan# 1291
Delta R.T. -0.05 min
Lab File: BF091157.D
Acq: 11 Nov 2016 23:03

Tgt Ion	Ratio	Lower	Upper
278	100		
139	20.1	15.3	22.9
279	24.4	19.3	28.9

Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E





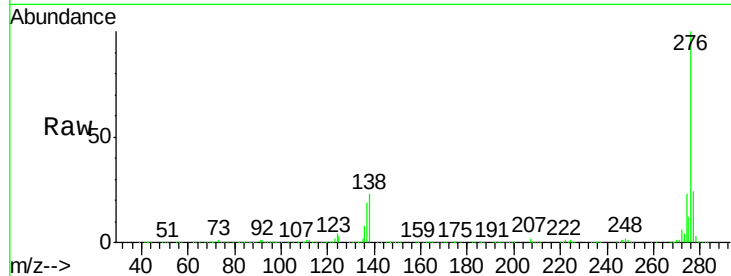
#91
 Benzo(a,h,i)perylene
 Concen: 54.08 ng
 RT: 16.82 min Scan# 1324
 Delta R.T. -0.03 min
 Lab File: BF091157.D
 Acq: 11 Nov 2016 23:03

Instrument :
 BNA_F
 ClientSampleId :
 SB-COMPMS

Tot Ion	Ratio	Resp Lower	Resp Upper
276	100		
277	23.6	19.2	28.8
138	22.8	23.3	34.9

Manual Integrations
 APPROVED

sohil
 11/14/2016 6:36:44 PM



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

