

Data Path : Z:\HPCHEM1\BNA F\DATA\BF122916\
 Data File : BF092018.D
 Acq On : 29 Dec 2016 12:01
 Operator : UM/SJ
 Sample : PB95654BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB95654BS

Manual Integrations
 APPROVED

Sohil
 12/30/2016 8:41:42 AM

Quant Time: Dec 29 18:02:59 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF122116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 28 17:32:10 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.69	152	188444	20.00	ng	-0.01
21) Naphthalene-d8	7.98	136	803459	20.00	ng	-0.01
38) Acenaphthene-d10	9.73	164	426959	20.00	ng	-0.02
63) Phenanthrene-d10	11.22	188	721152	20.00	ng	-0.01
75) Chrysene-d12	13.85	240	530010	20.00	ng	-0.02
86) Perylene-d12	15.23	264	514517	20.00	ng	-0.02

System Monitoring Compounds						
5) 2-Fluorophenol	5.31	112	1507039	133.53	ng	-0.01
7) Phenol-d6	6.36	99	1617347	117.38	ng	-0.02
23) Nitrobenzene-d5	7.26	82	1016038	70.32	ng	-0.02
41) 2,4,6-Tribromophenol	10.53	330	436393	123.50	ng	-0.01
44) 2-Fluorobiphenyl	9.06	172	1769285	84.89	ng	-0.02
78) Terphenyl-d14	12.80	244	1655617	75.76	ng	-0.02

Target Compounds					Qvalue
2) 1,4-Dioxane	2.27	88	230381	41.46	ng 96
3) Pyridine	2.93	79	699927	36.09	ng 97
4) n-Nitrosodimethylamine	2.89	42	285901	39.08	ng 94
6) Aniline	6.36	93	252928	14.13	ng # 76
8) 2-Chlorophenol	6.49	128	525497	40.93	ng 96
9) Benzaldehyde	6.24	77	63472	6.03	ng 96
10) Phenol	6.37	94	544361	34.67	ng 89
11) bis(2-Chloroethyl)ether	6.44	93	536407	42.94	ng 93
12) 1,3-Dichlorobenzene	6.64	146	547858	39.98	ng 98
13) 1,4-Dichlorobenzene	6.72	146	533635	38.26	ng 93
14) 1,2-Dichlorobenzene	6.86	146	500822	41.38	ng 100
15) Benzyl Alcohol	6.85	79	426799	39.86	ng 99
16) 2,2'-oxybis(1-Chloropropan	6.99	45	729483	39.21	ng 76
17) 2-Methylphenol	6.98	107	430041	41.65	ng # 91
18) Hexachloroethane	7.21	117	207994	40.22	ng 98
19) n-Nitroso-di-n-propylamine	7.12	70	391467	42.70	ng 98
20) 3+4-Methylphenols	7.14	107	597406	48.51	ng # 73
22) Acetophenone	7.12	105	795418	40.14	ng # 90
24) Nitrobenzene	7.29	77	619886	40.28	ng # 87
25) Isophorone	7.53	82	1084276	40.67	ng 97
26) 2-Nitrophenol	7.61	139	289635	38.16	ng # 78
27) 2,4-Dimethylphenol	7.65	122	450214	35.77	ng 97
28) bis(2-Chloroethoxy)methane	7.74	93	692335	42.83	ng 99
29) 2,4-Dichlorophenol	7.86	162	445726	41.82	ng 98
30) 1,2,4-Trichlorobenzene	7.93	180	466938	39.98	ng 97
31) Naphthalene	8.01	128	1526377	41.51	ng 98
32) Benzoic acid	7.80	122	346585	37.12	ng 98
33) 4-Chloroaniline	8.06	127	138582	8.36	ng 94
34) Hexachlorobutadiene	8.12	225	241628	39.19	ng 99
35) Caprolactam	8.44	113	150293m	42.91	ng
36) 4-Chloro-3-methylphenol	8.57	107	478462	39.01	ng 97
37) 2-Methylnaphthalene	8.69	142	954512	41.73	ng 100
39) 1,2,4,5-Tetrachlorobenzene	8.86	216	441052	40.89	ng 98
40) Hexachlorocyclopentadiene	8.85	237	451215	93.23	ng 97

Data Path : Z:\HPCHEM1\BNA F\DATA\BF122916\
 Data File : BF092018.D
 Acq On : 29 Dec 2016 12:01
 Operator : UM/SJ
 Sample : PB95654BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB95654BS

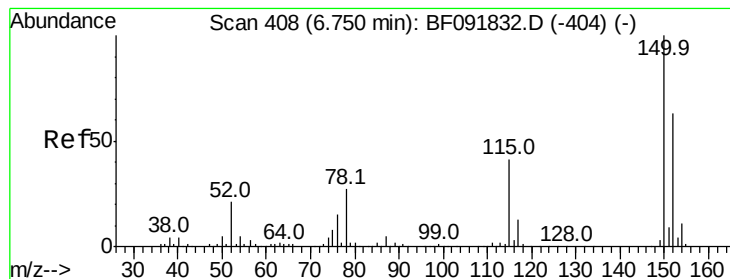
Manual Integrations
 APPROVED

Sohil
 12/30/2016 8:41:42 AM

Quant Time: Dec 29 18:02:59 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF122116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 28 17:32:10 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.99	196	306718	40.66	nq	99
43) 2,4,5-Trichlorophenol	9.04	196	324117	41.75	nq	# 90
45) 1,1'-Biphenyl	9.16	154	1233409	42.19	nq	98
46) 2-Chloronaphthalene	9.18	162	952613	41.15	nq	96
47) 2-Nitroaniline	9.29	65	305426	37.05	nq	100
48) Acenaphthylene	9.60	152	1370427	38.49	nq	99
49) Dimethylphthalate	9.47	163	1073398	39.31	nq	99
50) 2,6-Dinitrotoluene	9.53	165	239399	40.05	nq	# 60
51) Acenaphthene	9.77	154	881733	36.53	nq	99
52) 3-Nitroaniline	9.70	138	117693	15.91	nq	93
53) 2,4-Dinitrophenol	9.81	184	268728	80.80	nq	# 73
54) Dibenzofuran	9.94	168	1172510	35.97	nq	98
55) 4-Nitrophenol	9.89	139	350767	69.84	nq	91
56) 2,4-Dinitrotoluene	9.94	165	343740	45.82	nq	97
57) Fluorene	10.28	166	959137	40.44	nq	100
58) 2,3,4,6-Tetrachlorophenol	10.06	232	256439	41.76	nq	97
59) Diethylphthalate	10.17	149	1031056	38.88	nq	100
60) 4-Chlorophenyl-phenylether	10.28	204	458075	44.11	nq	# 80
61) 4-Nitroaniline	10.32	138	246179	32.12	nq	99
62) Azobenzene	10.44	77	1251977	42.88	nq	86
64) 4,6-Dinitro-2-methylphenol	10.35	198	188378	43.20	nq	91
65) n-Nitrosodiphenylamine	10.40	169	851784	39.80	nq	99
66) 4-Bromophenyl-phenylether	10.76	248	283958	37.85	nq	94
67) Hexachlorobenzene	10.83	284	327004	40.78	nq	99
68) Atrazine	10.93	200	271604	39.35	nq	96
69) Pentachlorophenol	11.04	266	316540	80.45	nq	99
70) Phenanthrene	11.24	178	1622085	41.48	nq	98
71) Anthracene	11.29	178	1414736	39.00	nq	99
72) Carbazole	11.45	167	1331773	39.06	nq	99
73) Di-n-butylphthalate	11.79	149	1819261	49.51	nq	# 97
74) Fluoranthene	12.42	202	1464429	42.47	nq	98
76) Benzidine	12.55	184	366583	23.97	nq	97
77) Pyrene	12.65	202	1469595	37.79	nq	99
79) Butylbenzylphthalate	13.28	149	684999	38.73	nq	98
80) Benzo(a)anthracene	13.84	228	1307972	43.72	nq	100
81) 3,3'-Dichlorobenzidine	13.80	252	212351	18.72	nq	98
82) Chrysene	13.87	228	1126863	37.55	nq	99
83) Bis(2-ethylhexyl)phthalate	13.84	149	888272	42.65	nq	99
84) Di-n-octyl phthalate	14.45	149	1705087	44.19	nq	98
85) Indeno(1,2,3-cd)pyrene	16.53	276	1055426	40.60	nq	98
87) Benzo(b)fluoranthene	14.85	252	1567944m	48.95	nq	
88) Benzo(k)fluoranthene	14.88	252	851038m	31.16	nq	
89) Benzo(a)pyrene	15.17	252	1129547	39.73	nq	99
90) Dibenzo(a,h)anthracene	16.55	278	871053	37.27	nq	98
91) Benzo(g,h,i)perylene	16.92	276	871005	35.84	nq	# 95

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.69 min Scan# 403

Delta R.T. -0.01 min

Lab File: BF092018.D

Acq: 29 Dec 2016 12:01

Instrument :

BNA_F

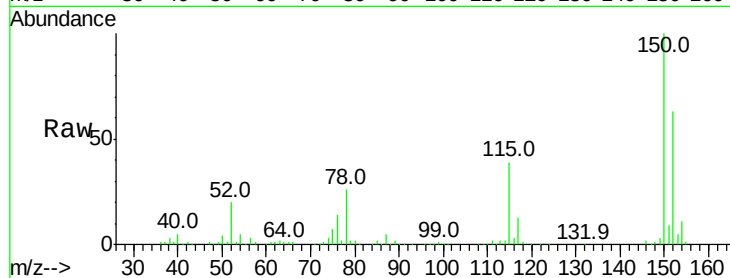
ClientSampleId :

PB95654BS

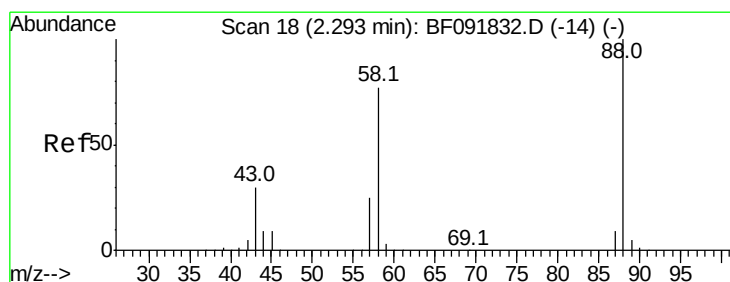
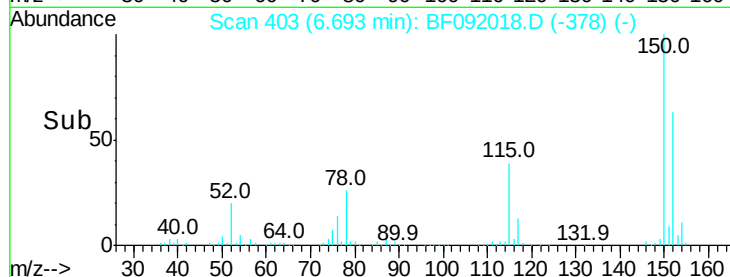
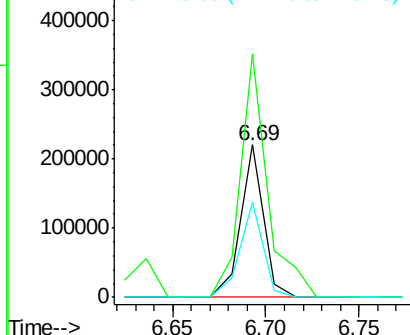
Tot Ion:	152	Resp:	188444
Ion Ratio	Lower	Upper	
152	100		
150	159.9	124.9	187.3
115	62.3	46.0	69.0

Manual Integrations
APPROVED

Sohil
12/30/2016 8:41:42 AM



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



#2

1,4-Dioxane

Concen: 41.46 ng

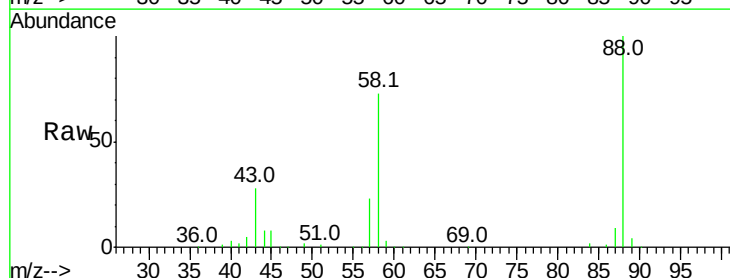
RT: 2.27 min Scan# 16

Delta R.T. 0.08 min

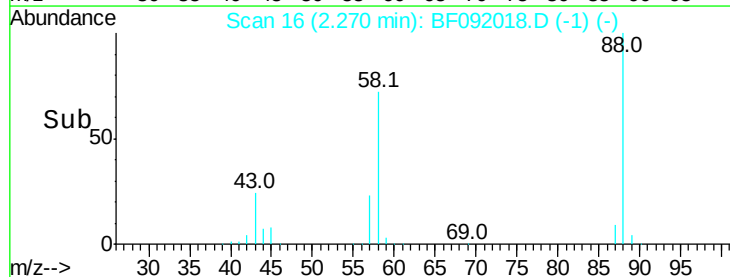
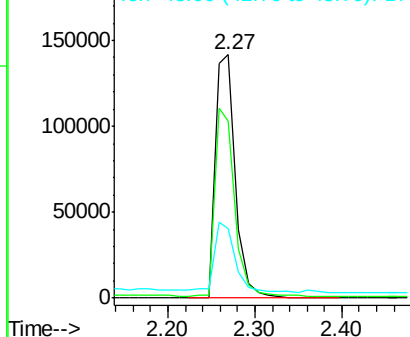
Lab File: BF092018.D

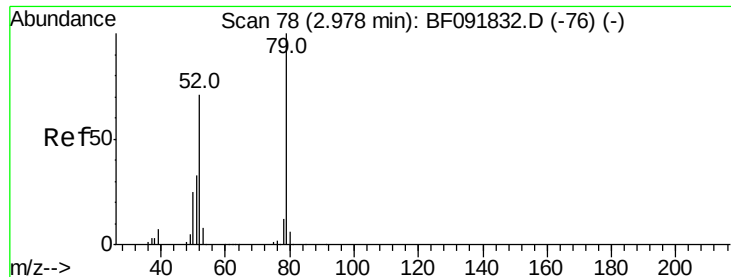
Acq: 29 Dec 2016 12:01

Tgt Ion:	88	Resp:	230381
Ion Ratio	Lower	Upper	
88	100		
58	75.3	57.8	86.8
43	30.0	22.3	33.5



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





#3

Pvridine

Concen: 36.09 ng

RT: 2.93 min Scan# 74

Delta R.T. 0.07 min

Lab File: BF092018.D

Acq: 29 Dec 2016 12:01

Instrument :

BNA_F

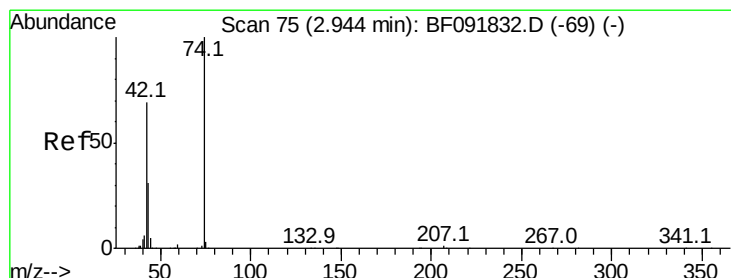
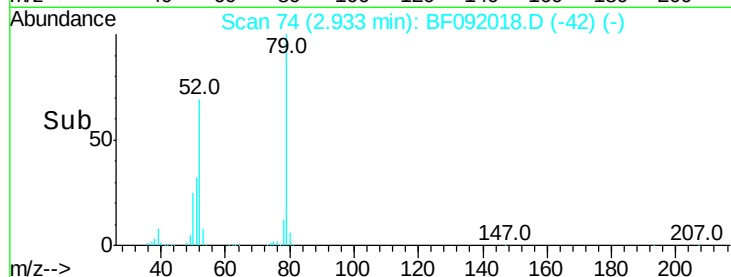
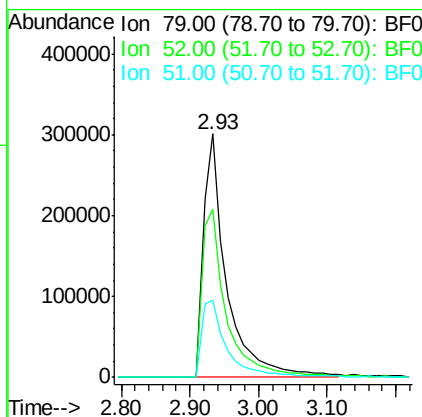
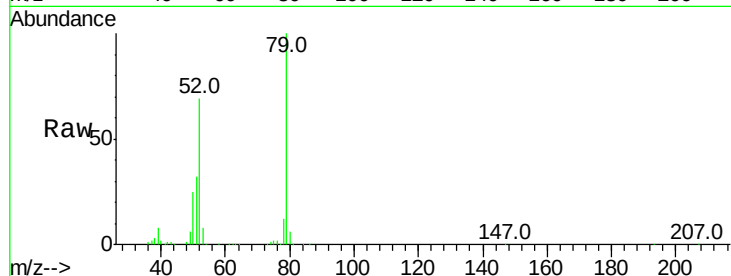
ClientSampleId :

PB95654BS

Tot Ion:	79	Resp:	699927
Ion Ratio	Lower	Upper	
79	100		
52	68.9	57.1	85.7
51	31.9	27.3	40.9

Manual Integrations
APPROVED

Sohil
12/30/2016 8:41:42 AM



#4

n-Nitrosodimethylamine

Concen: 39.08 ng

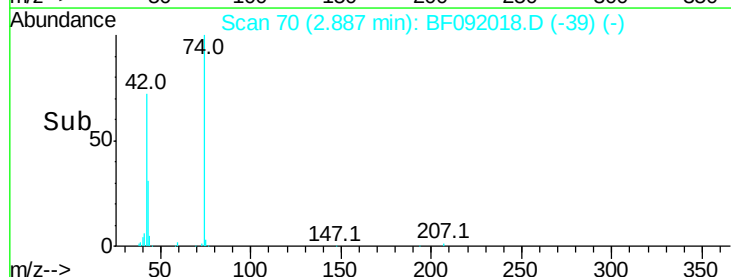
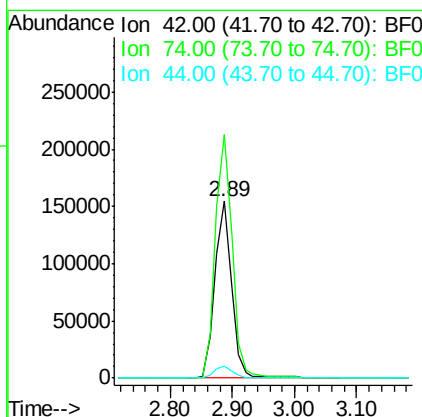
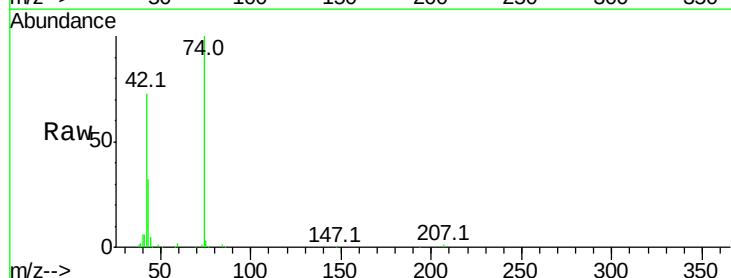
RT: 2.89 min Scan# 70

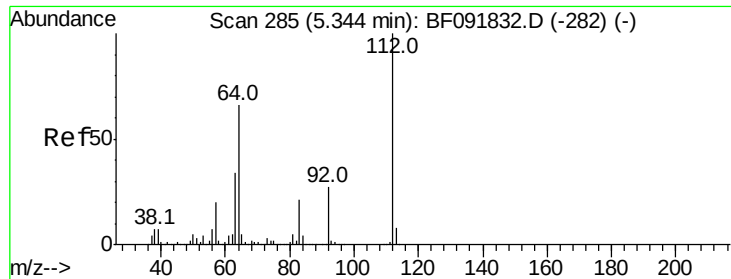
Delta R.T. 0.06 min

Lab File: BF092018.D

Acq: 29 Dec 2016 12:01

Tgt Ion:	42	Resp:	285901
Ion Ratio	Lower	Upper	
42	100		
74	137.9	117.0	175.4
44	6.8	5.5	8.3





#5

2-Fluorophenol

Concen: 133.53 ng

RT: 5.31 min Scan# 282

Delta R.T. -0.01 min

Lab File: BF092018.D

Acq: 29 Dec 2016 12:01

Instrument :

BNA_F

ClientSampleId :

PB95654BS

Tot Ion:112 Resp: 1507039

Ion Ratio Lower Upper

112 100

64 66.6 46.1 69.1

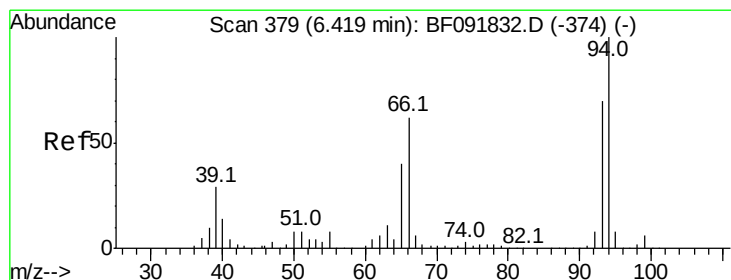
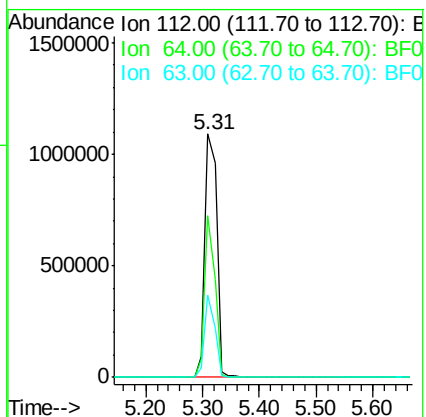
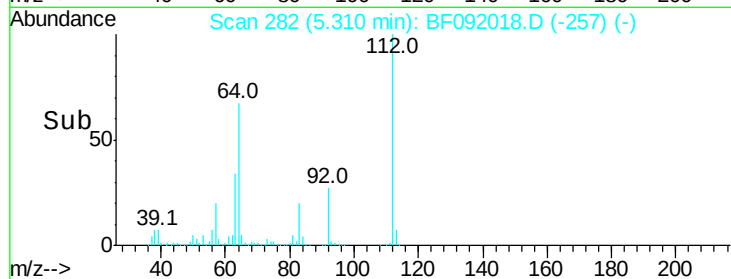
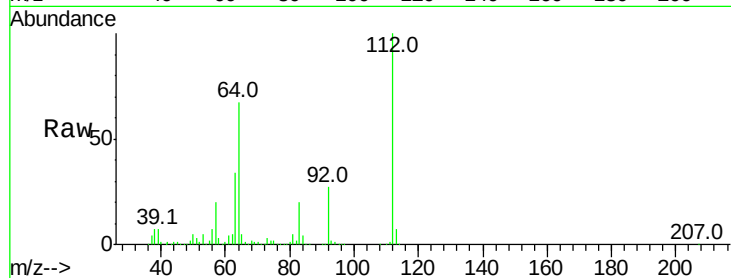
63 34.1 23.8 35.6

Manual Integrations

APPROVED

Sohil

12/30/2016 8:41:42 AM



#6

Aniline

Concen: 14.13 ng

RT: 6.36 min Scan# 374

Delta R.T. -0.01 min

Lab File: BF092018.D

Acq: 29 Dec 2016 12:01

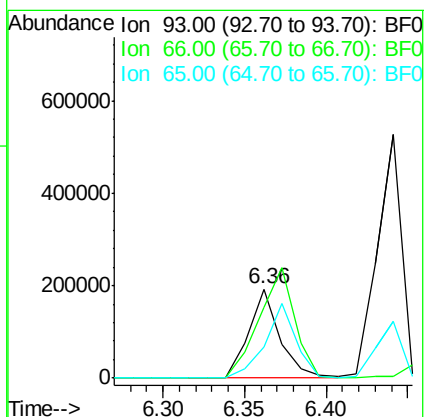
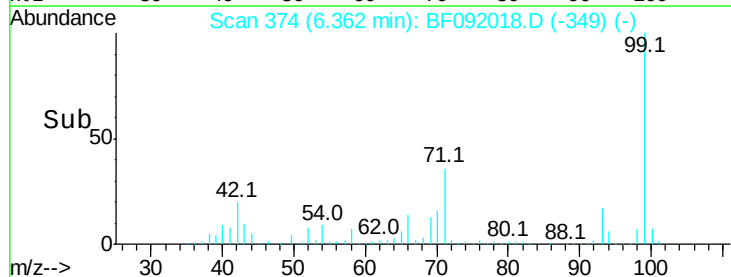
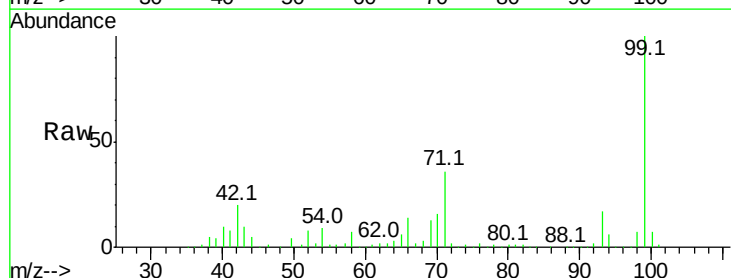
Tgt Ion: 93 Resp: 252928

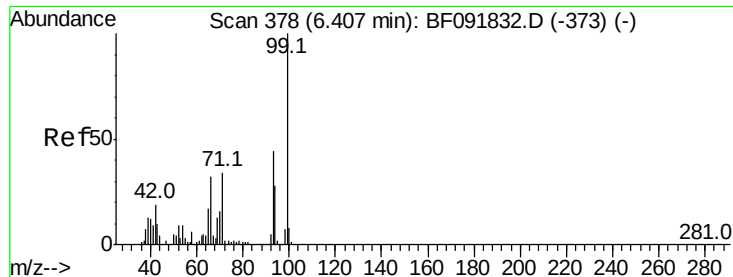
Ion Ratio Lower Upper

93 100

66 79.0 76.2 114.2

65 34.4 49.3 73.9#





#7

Phenol-d6

Concen: 117.38 ng

RT: 6.36 min Scan# 374

Delta R.T. -0.02 min

Lab File: BF092018.D

Acq: 29 Dec 2016 12:01

Instrument :

BNA_F

ClientSampled :

PB95654BS

Tot Ion: 99 Resp: 1617347

Ion Ratio Lower Upper

99 100

42 20.5 15.6 23.4

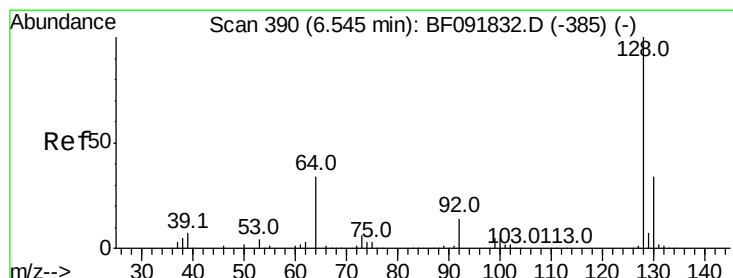
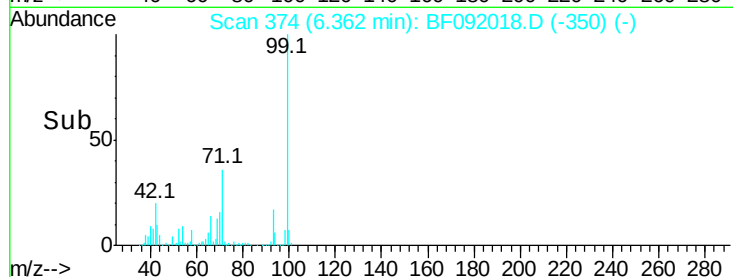
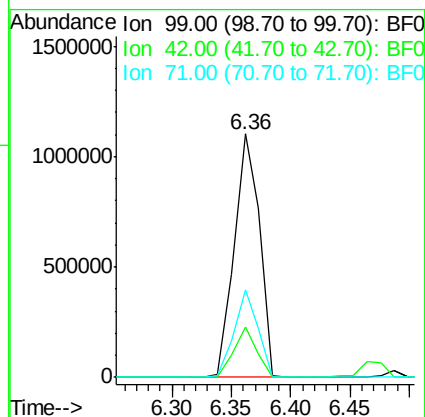
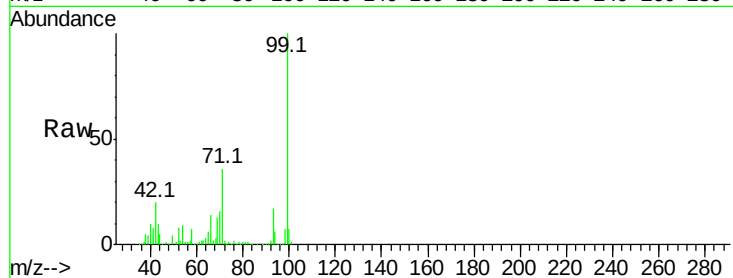
71 35.9 27.5 41.3

Manual Integrations

APPROVED

Sohil

12/30/2016 8:41:42 AM



#8

2-Chlorophenol

Concen: 40.93 ng

RT: 6.49 min Scan# 385

Delta R.T. -0.01 min

Lab File: BF092018.D

Acq: 29 Dec 2016 12:01

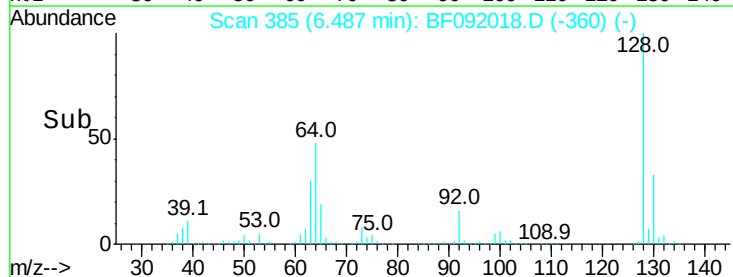
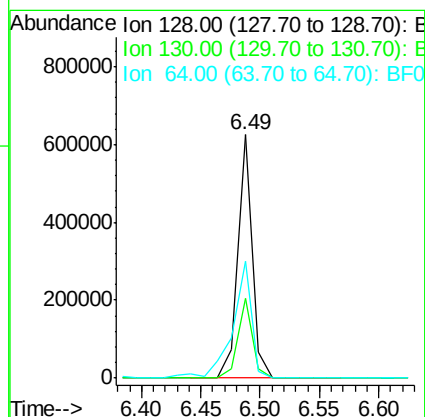
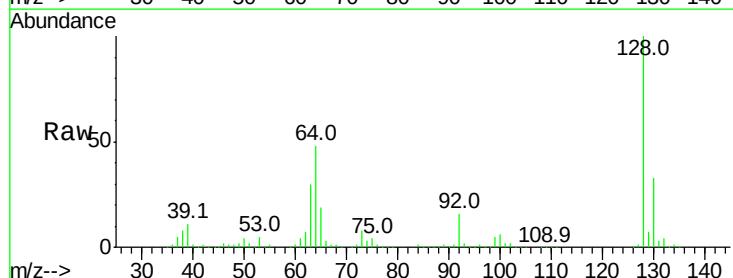
Tgt Ion: 128 Resp: 525497

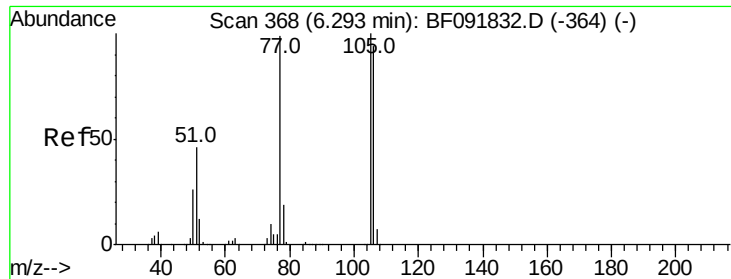
Ion Ratio Lower Upper

128 100

130 32.6 12.3 52.3

64 48.3 32.2 72.2





#9

Benzaldehyde

Concen: 6.03 ng

RT: 6.24 min Scan# 363

Delta R.T. -0.01 min

Lab File: BF092018.D

Acq: 29 Dec 2016 12:01

Instrument :

BNA_F

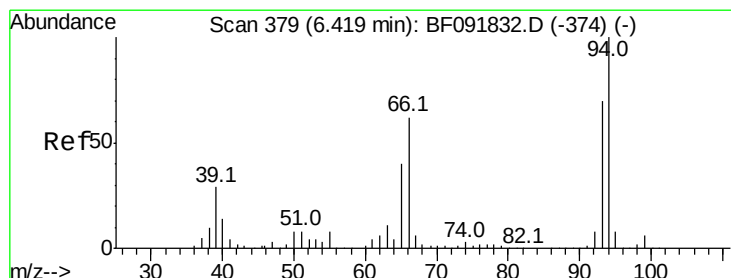
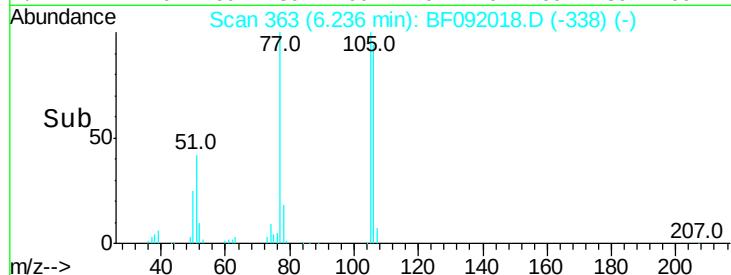
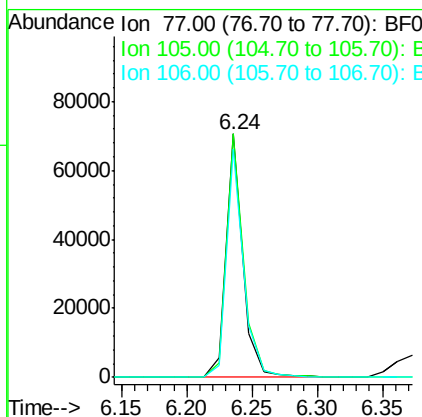
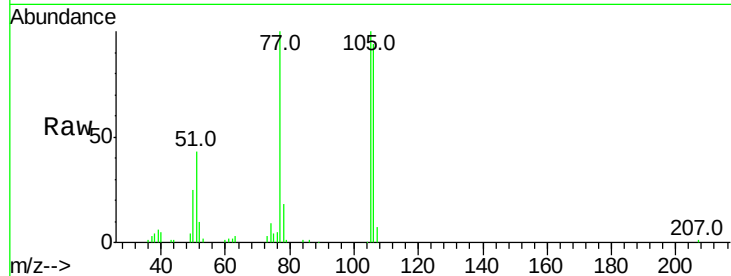
ClientSampleId :

PB95654BS

Tot Ion:	77	Resp:	63472
Ion	Ratio	Lower	Upper
77	100		
105	100.1	83.9	123.9
106	93.9	77.6	117.6

Manual Integrations
APPROVED

Sohil
12/30/2016 8:41:42 AM



#10

Phenol

Concen: 34.67 ng

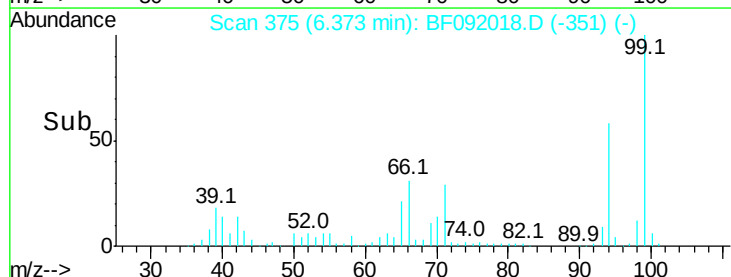
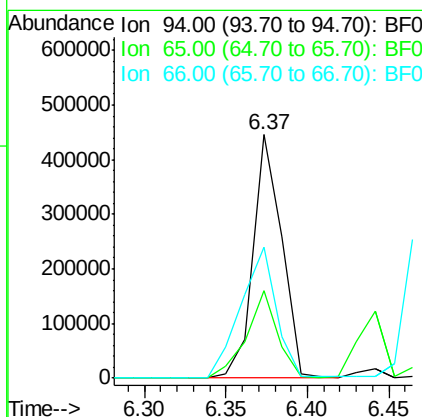
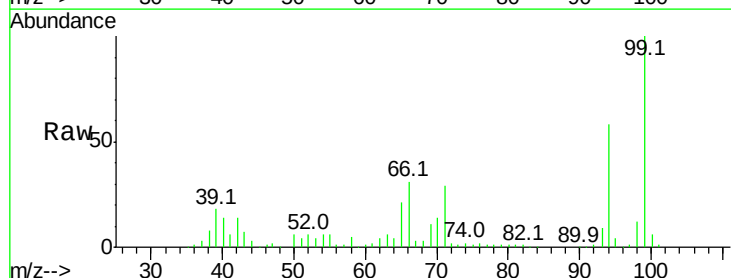
RT: 6.37 min Scan# 375

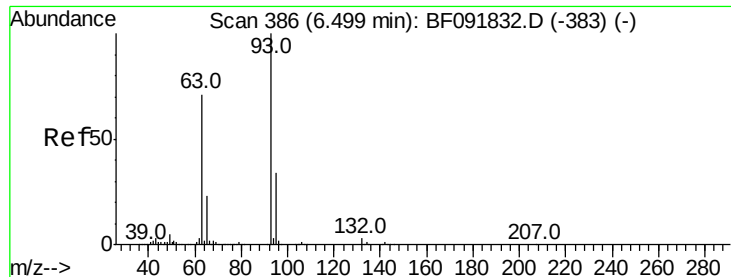
Delta R.T. -0.02 min

Lab File: BF092018.D

Acq: 29 Dec 2016 12:01

Tgt Ion:	94	Resp:	544361
Ion	Ratio	Lower	Upper
94	100		
65	35.9	21.4	61.4
66	53.7	44.0	84.0





#11

bis(2-Chloroethyl)ether

Concen: 42.94 ng

RT: 6.44 min Scan# 381

Delta R.T. -0.01 min

Lab File: BF092018.D

Acq: 29 Dec 2016 12:01

Instrument :

BNA_F

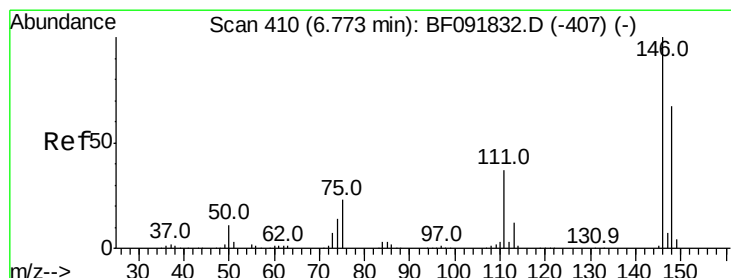
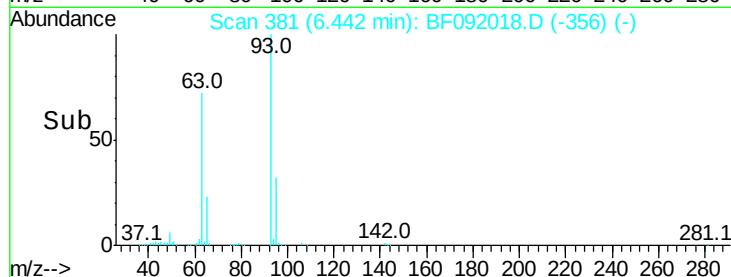
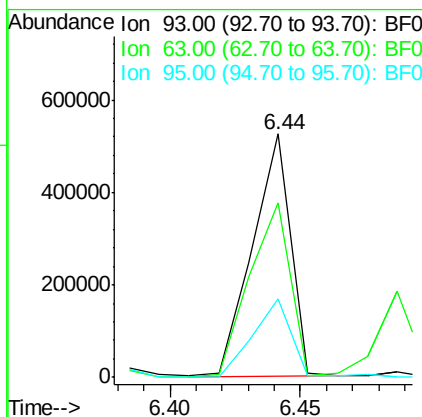
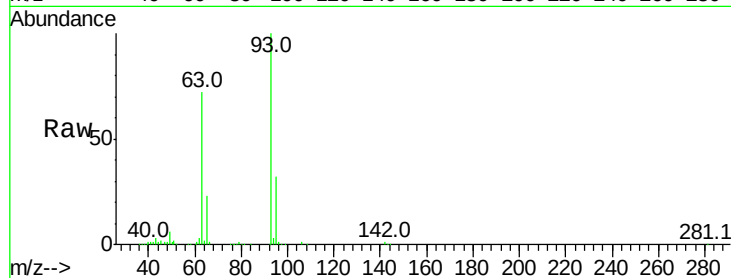
ClientSampleId :

PB95654BS

Tot Ion:	93	Resp:	536407
Ion Ratio	Lower	Upper	
93	100		
63	71.9	60.4	100.4
95	32.5	12.8	52.8

Manual Integrations
APPROVED

Sohil
12/30/2016 8:41:42 AM



#12

1,3-Dichlorobenzene

Concen: 39.98 ng

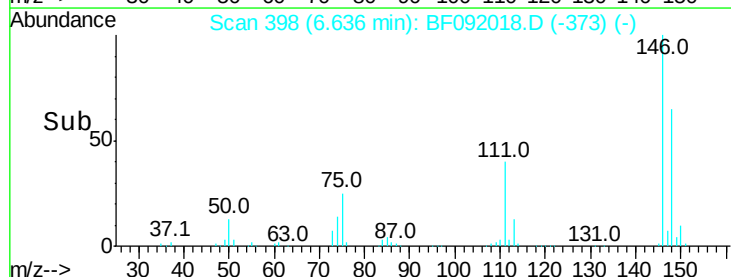
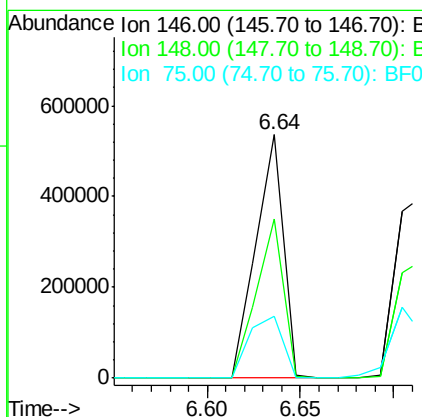
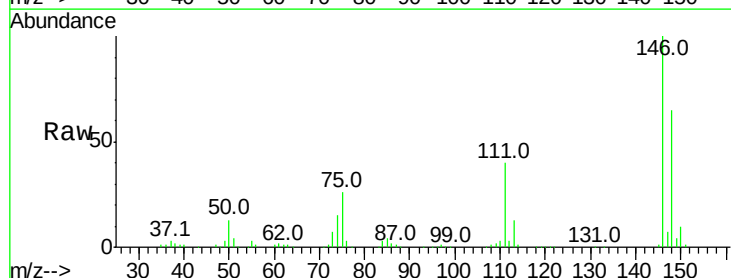
RT: 6.64 min Scan# 398

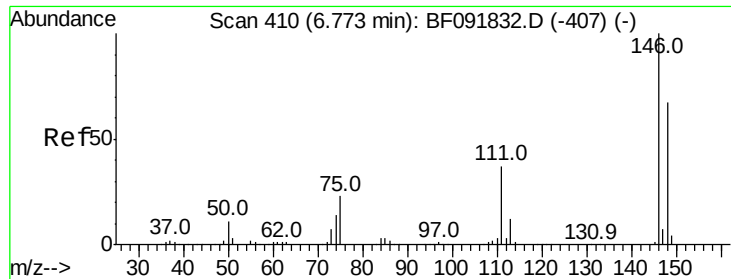
Delta R.T. -0.01 min

Lab File: BF092018.D

Acq: 29 Dec 2016 12:01

Tgt Ion:	146	Resp:	547858
Ion Ratio	Lower	Upper	
146	100		
148	65.5	53.4	80.0
75	25.6	18.5	27.7





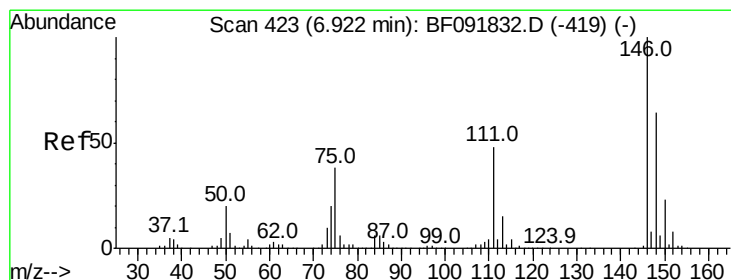
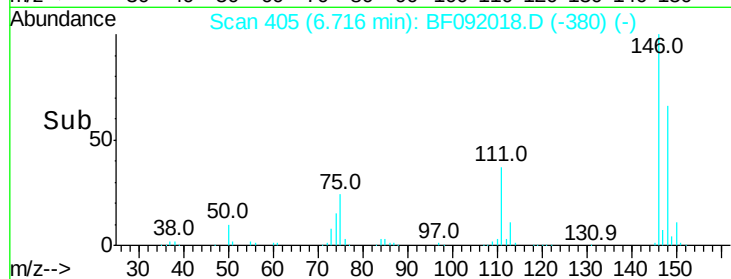
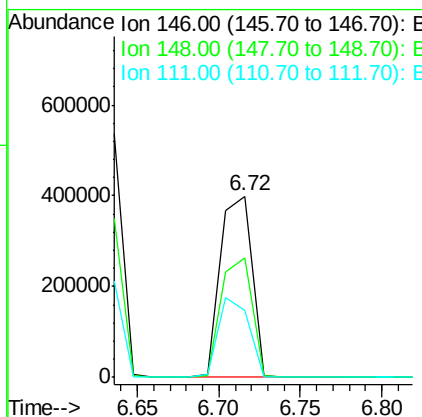
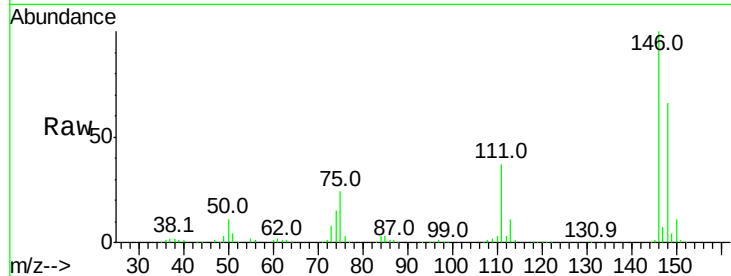
#13
1,4-Dichlorobenzene
Concen: 38.26 ng
RT: 6.72 min Scan# 405
Delta R.T. -0.01 min
Lab File: BF092018.D
Acq: 29 Dec 2016 12:01

Instrument :
BNA_F
ClientSampleId :
PB95654BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	65.5	50.6	76.0
111	36.6	36.2	54.4

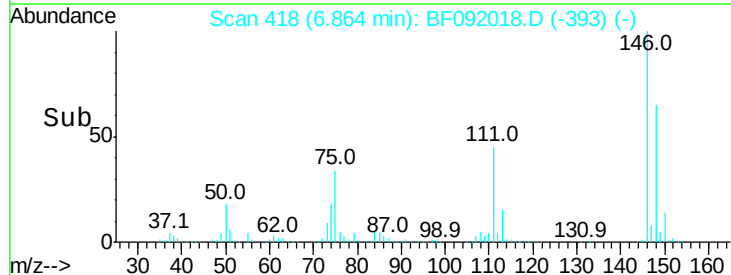
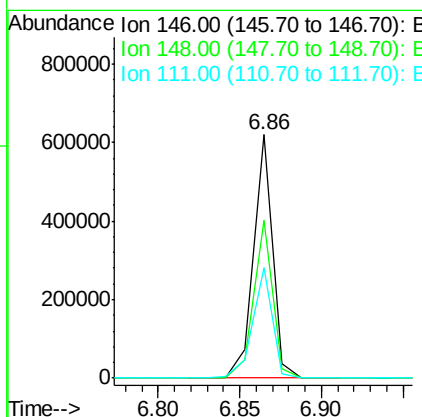
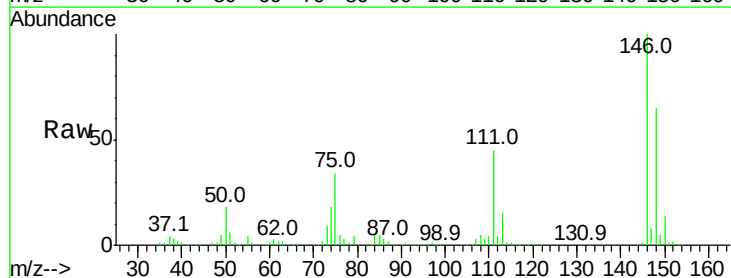
Manual Integrations
APPROVED

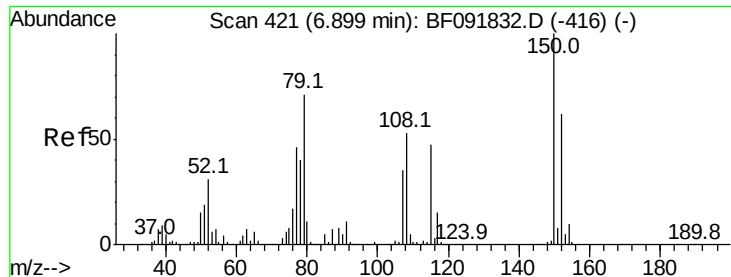
Sohil
12/30/2016 8:41:42 AM



#14
1,2-Dichlorobenzene
Concen: 41.38 ng
RT: 6.86 min Scan# 418
Delta R.T. -0.01 min
Lab File: BF092018.D
Acq: 29 Dec 2016 12:01

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.8	52.2	78.2
111	45.4	36.2	54.2





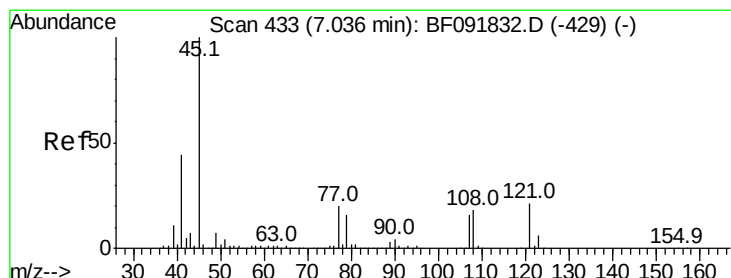
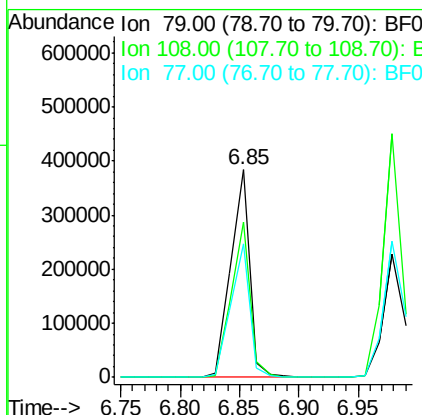
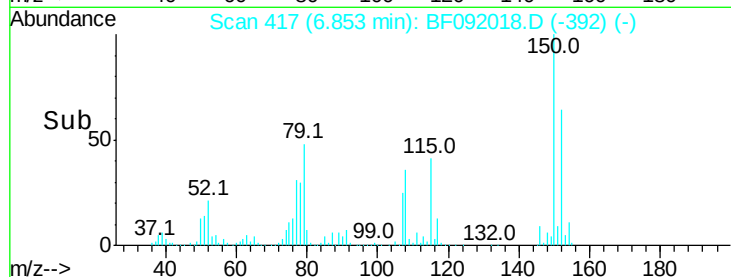
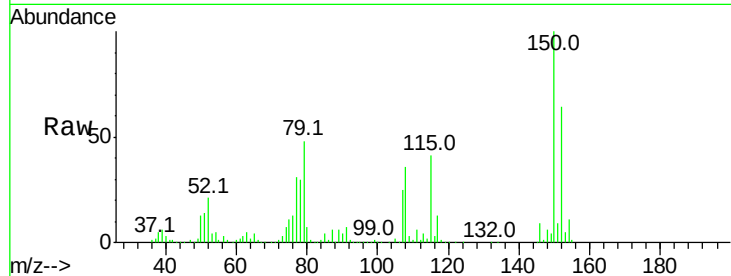
#15
Benzyl Alcohol
Concen: 39.86 ng
RT: 6.85 min Scan# 417
Delta R.T. -0.01 min
Lab File: BF092018.D
Acq: 29 Dec 2016 12:01

Instrument :
BNA_F
ClientSampleID :
PB95654BS

Tot Ion	Ratio	Resp	Lower	Upper
79	100			
108	75.2	61.4	92.0	
77	64.2	50.9	76.3	

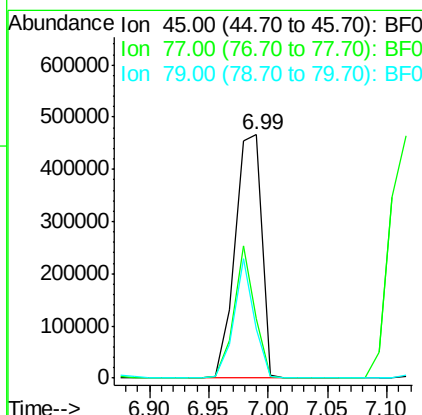
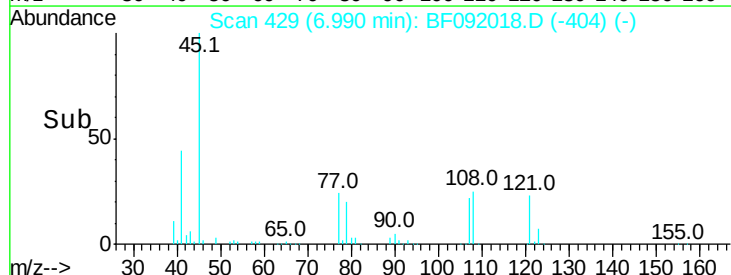
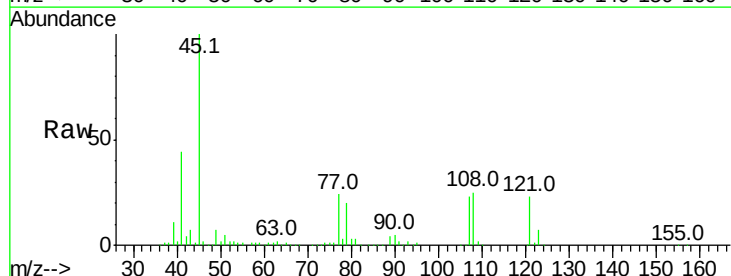
Manual Integrations
APPROVED

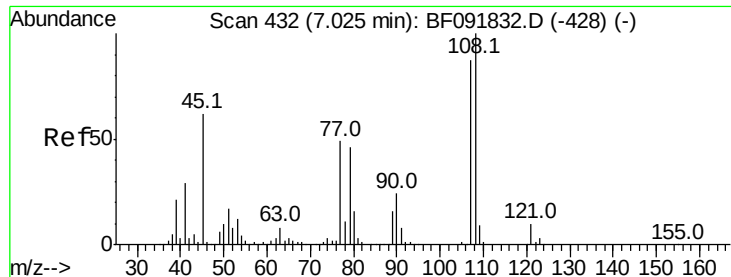
Sohil
12/30/2016 8:41:42 AM



#16
2,2'-oxybis(1-chloropropane)
Concen: 39.21 ng
RT: 6.99 min Scan# 429
Delta R.T. -0.01 min
Lab File: BF092018.D
Acq: 29 Dec 2016 12:01

Tgt Ion	Ratio	Resp	Lower	Upper
45	100			
77	24.3	0.0	34.6	
79	20.3	0.0	31.2	





#17

2-Methylphenol

Concen: 41.65 ng

RT: 6.98 min Scan# 428

Delta R.T. -0.02 min

Lab File: BF092018.D

Acq: 29 Dec 2016 12:01

Instrument :

BNA_F

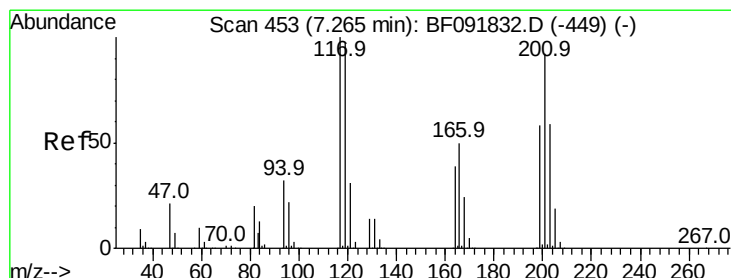
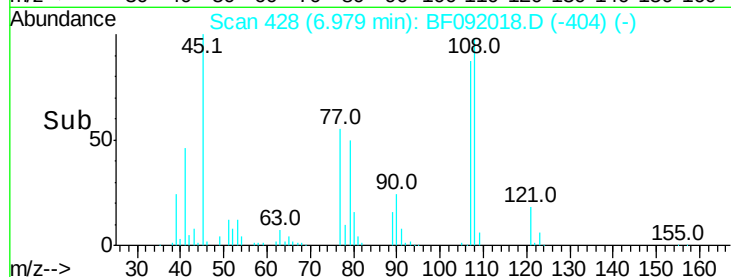
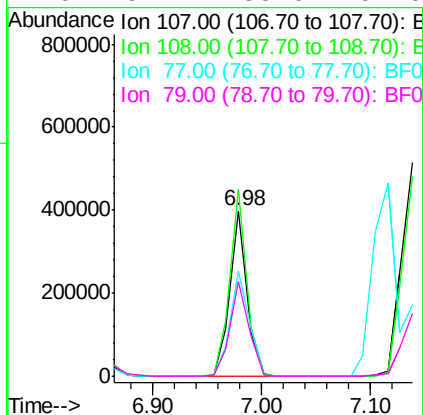
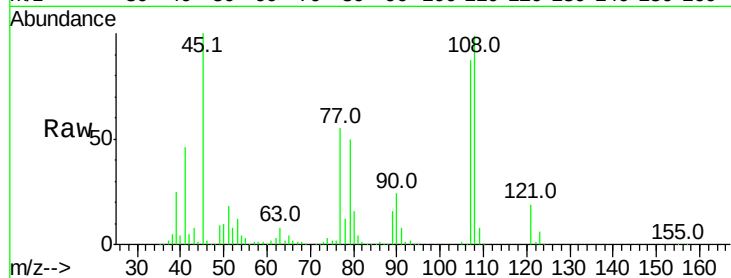
ClientSampled :

PB95654BS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	113.0	93.0	139.6	
77	63.4	39.8	59.8#	
79	57.2	38.0	57.0#	

Manual Integrations
APPROVED

Sohil
12/30/2016 8:41:42 AM



#18

Hexachloroethane

Concen: 40.22 ng

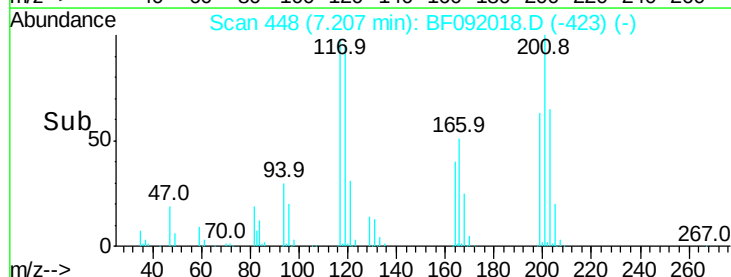
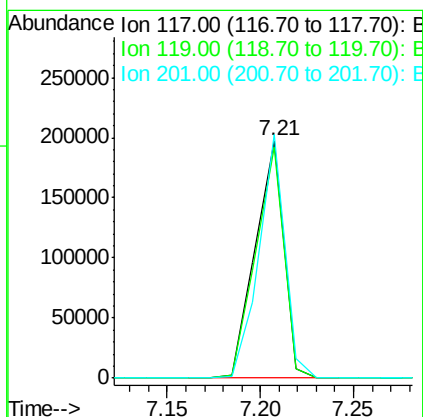
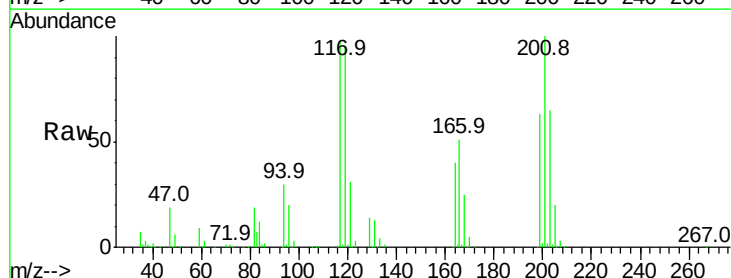
RT: 7.21 min Scan# 448

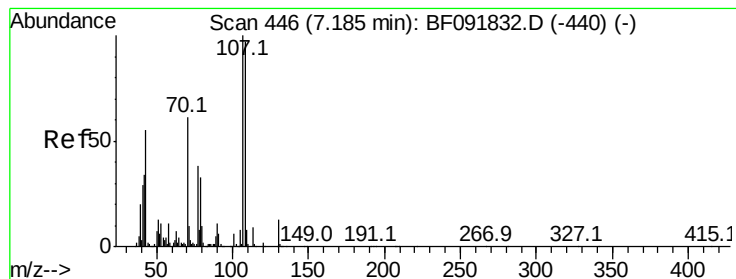
Delta R.T. -0.01 min

Lab File: BF092018.D

Acq: 29 Dec 2016 12:01

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	97.0	78.1	117.1	
201	102.5	78.6	117.8	





#19

n-Nitroso-di-n-propylamine

Concen: 42.70 ng

RT: 7.12 min Scan# 440

Delta R.T. -0.02 min

Lab File: BF092018.D

Acq: 29 Dec 2016 12:01

Instrument :

BNA_F

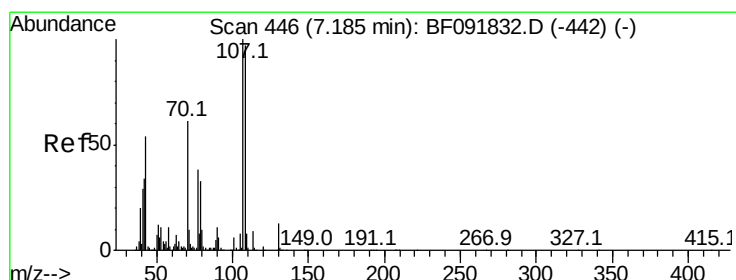
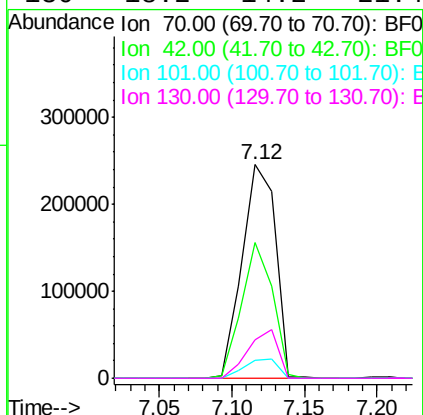
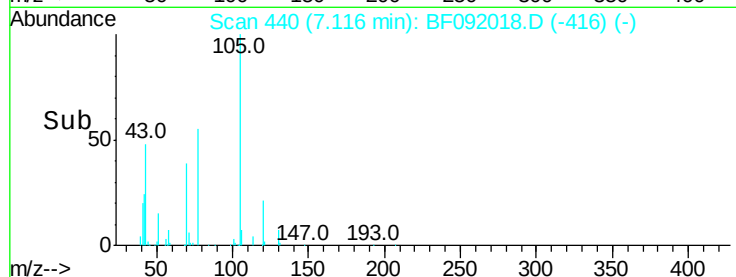
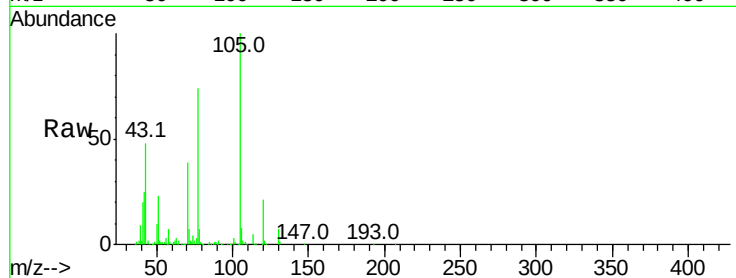
ClientSampleId :

PB95654BS

Tot Ion	Ratio	Lower	Upper
70	100		
42	63.7	49.4	74.0
101	8.7	7.4	11.2
130	18.2	14.2	21.4

Manual Integrations
APPROVED

Sohil
12/30/2016 8:41:42 AM



#20

3+4-Methylphenols

Concen: 48.51 ng

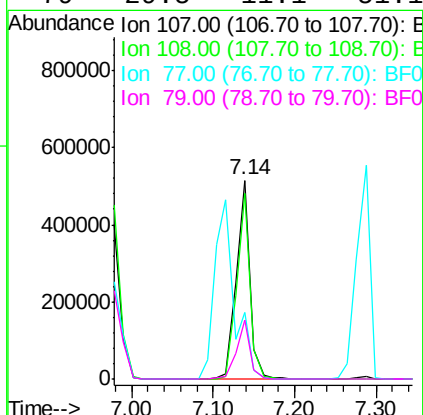
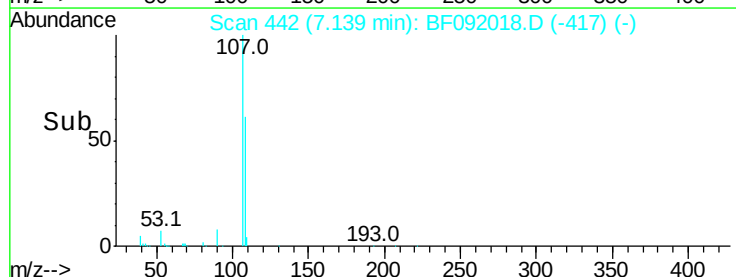
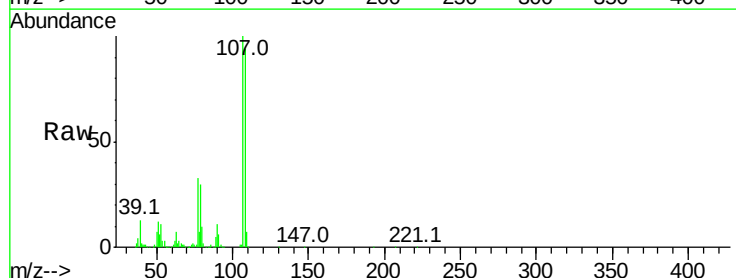
RT: 7.14 min Scan# 442

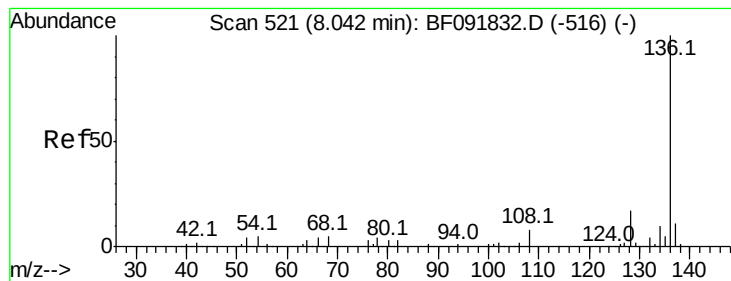
Delta R.T. -0.01 min

Lab File: BF092018.D

Acq: 29 Dec 2016 12:01

Tgt Ion	Ratio	Lower	Upper
107	100		
108	93.7	73.0	113.0
77	33.3	71.3	111.3#
79	29.5	11.1	51.1





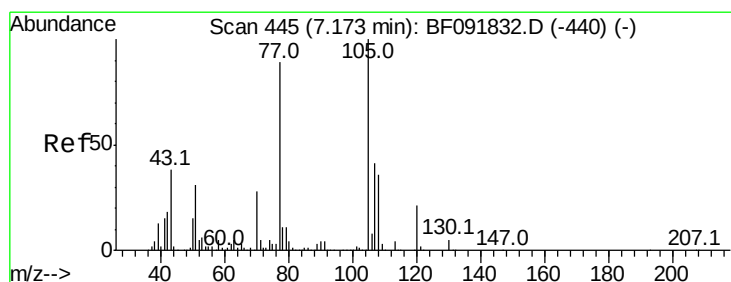
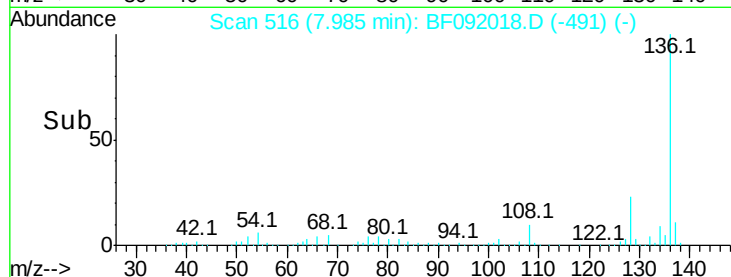
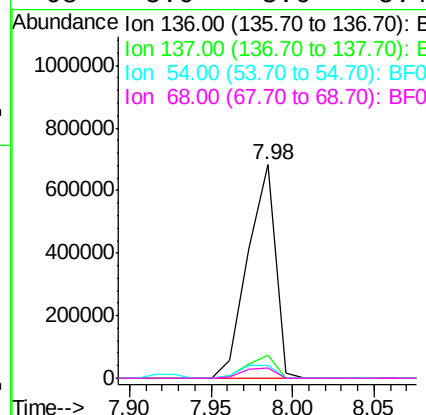
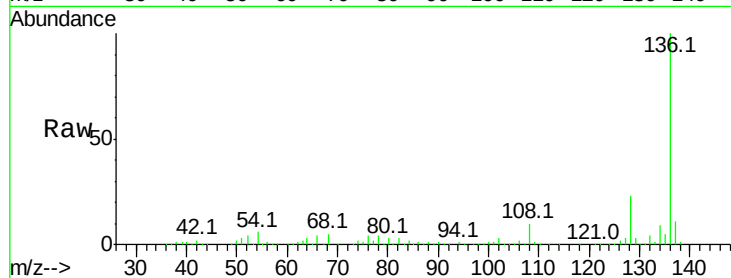
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.98 min Scan# 516
Delta R.T. -0.01 min
Lab File: BF092018.D
Acq: 29 Dec 2016 12:01

Instrument :
BNA_F
ClientSampleId :
PB95654BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	10.9	8.4	12.6	
54	6.3	4.5	6.7	
68	5.0	3.6	5.4	

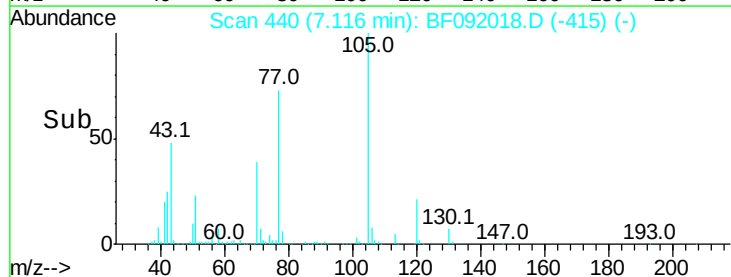
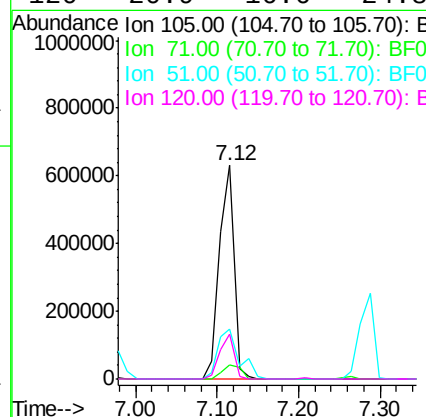
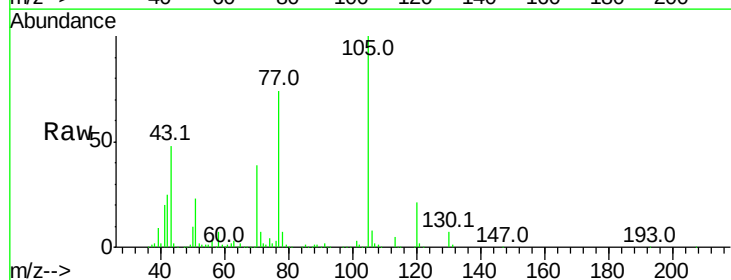
Manual Integrations
APPROVED

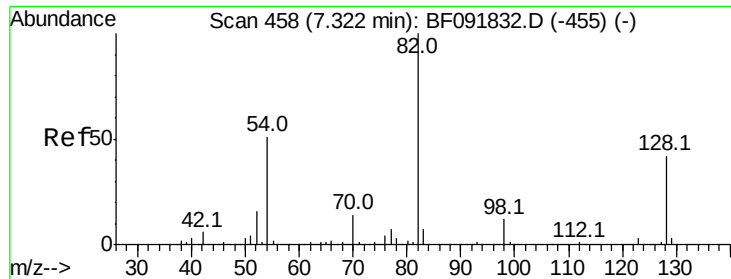
Sohil
12/30/2016 8:41:42 AM



#22
Acetophenone
Concen: 40.14 ng
RT: 7.12 min Scan# 440
Delta R.T. -0.01 min
Lab File: BF092018.D
Acq: 29 Dec 2016 12:01

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	6.6	3.2	4.8#	
51	23.4	26.2	39.4#	
120	20.9	16.6	24.8	





#23

Nitrobenzene-d5

Concen: 70.32 ng

RT: 7.26 min Scan# 453

Delta R.T. -0.02 min

Lab File: BF092018.D

Acq: 29 Dec 2016 12:01

Instrument :

BNA_F

ClientSampleId :

PB95654BS

Tot Ion: 82 Resp: 1016038

Ion Ratio Lower Upper

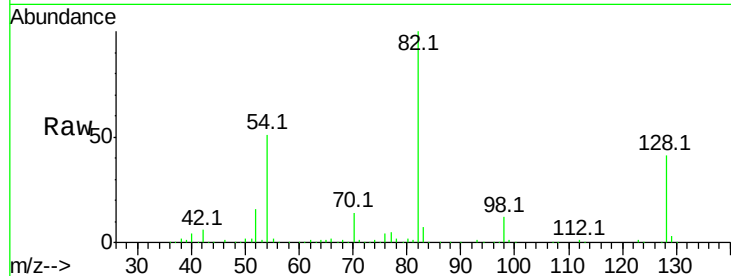
82 100

128 40.6 34.6 52.0

54 51.0 39.5 59.3

Manual Integrations
APPROVED

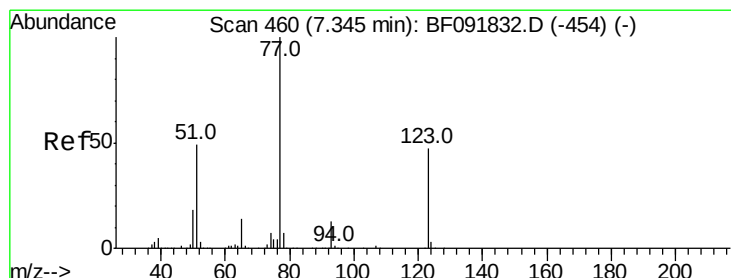
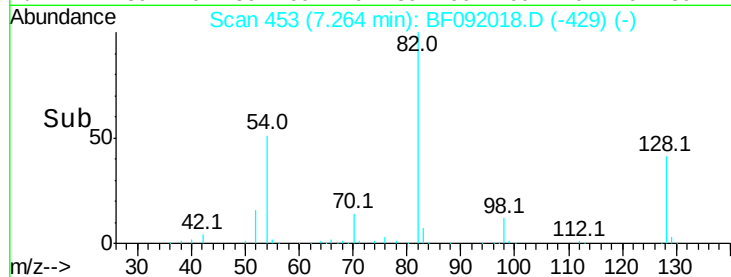
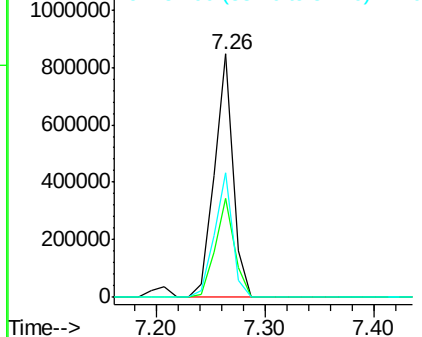
Sohil
12/30/2016 8:41:42 AM



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): BF0

Ion 54.00 (53.70 to 54.70): BF0



#24

Nitrobenzene

Concen: 40.28 ng

RT: 7.29 min Scan# 455

Delta R.T. -0.01 min

Lab File: BF092018.D

Acq: 29 Dec 2016 12:01

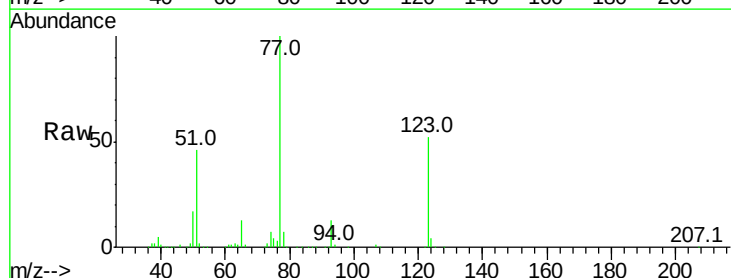
Tgt Ion: 77 Resp: 619886

Ion Ratio Lower Upper

77 100

123 51.5 33.0 49.4#

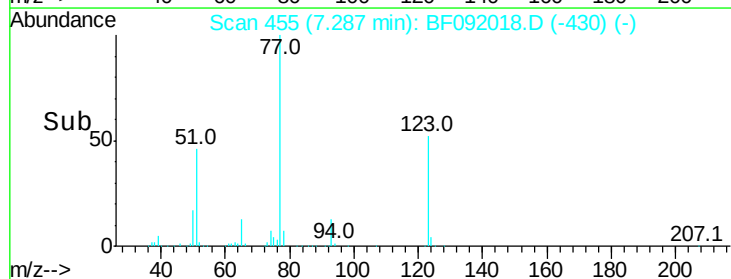
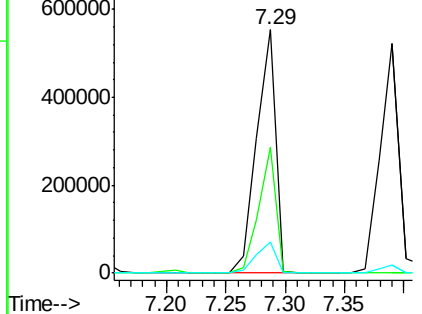
65 12.8 11.2 16.8

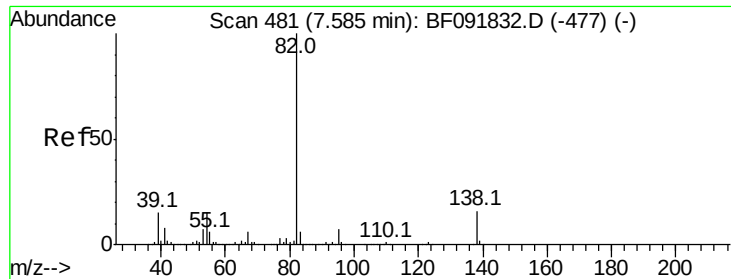


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 123.00 (122.70 to 123.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#25

Isophorone

Concen: 40.67 ng

RT: 7.53 min Scan# 476

Delta R.T. -0.02 min

Lab File: BF092018.D

Acq: 29 Dec 2016 12:01

Instrument :

BNA_F

ClientSampleId :

PB95654BS

Tot Ion: 82 Resp: 1084276

Ion Ratio Lower Upper

82 100

95 6.8 5.6 8.4

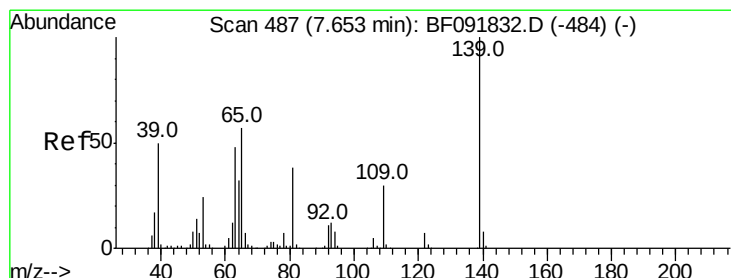
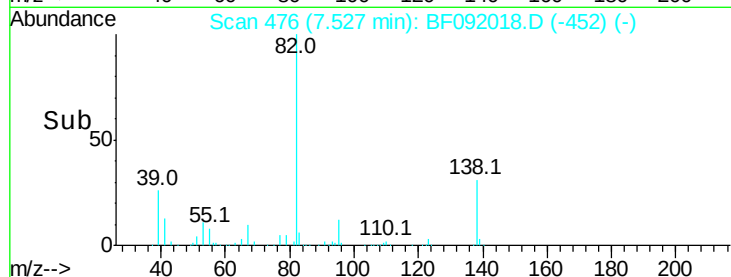
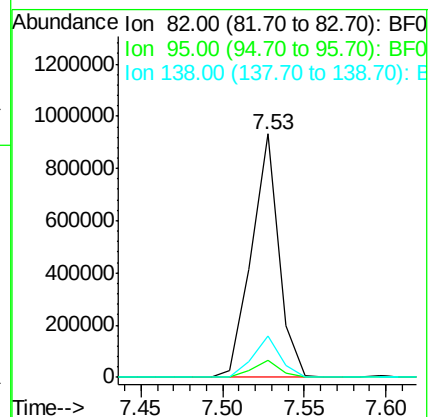
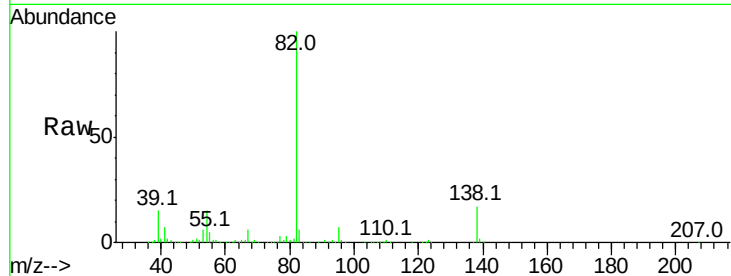
138 16.7 14.6 22.0

Manual Integrations

APPROVED

Sohil

12/30/2016 8:41:42 AM



#26

2-Nitrophenol

Concen: 38.16 ng

RT: 7.61 min Scan# 483

Delta R.T. -0.01 min

Lab File: BF092018.D

Acq: 29 Dec 2016 12:01

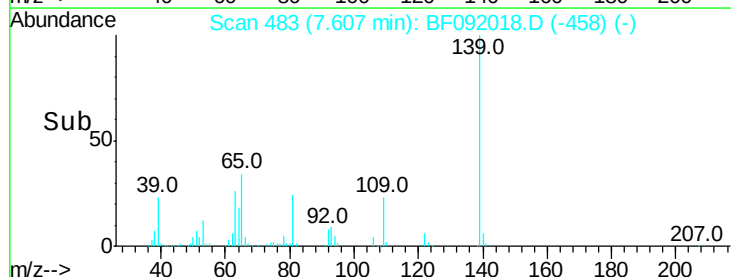
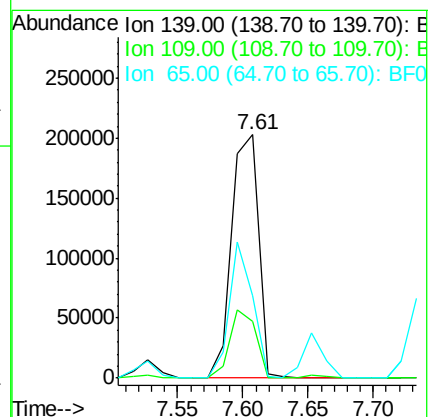
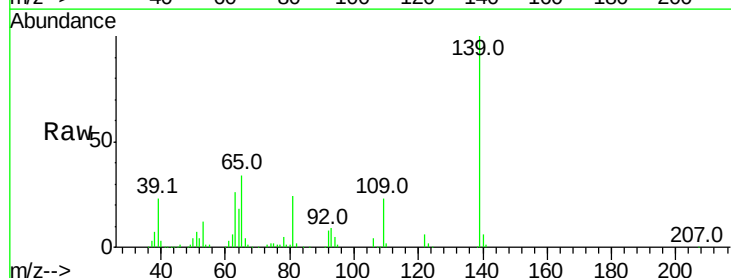
Tgt Ion: 139 Resp: 289635

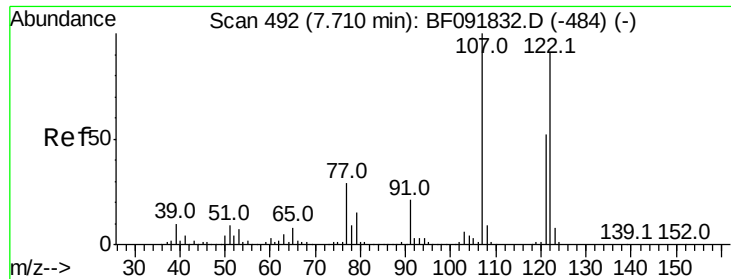
Ion Ratio Lower Upper

139 100

109 23.2 23.3 34.9#

65 34.0 42.7 64.1#





#27

2,4-Dimethylphenol

Concen: 35.77 ng

RT: 7.65 min Scan# 487

Delta R.T. -0.02 min

Lab File: BF092018.D

Acq: 29 Dec 2016 12:01

Instrument :

BNA_F

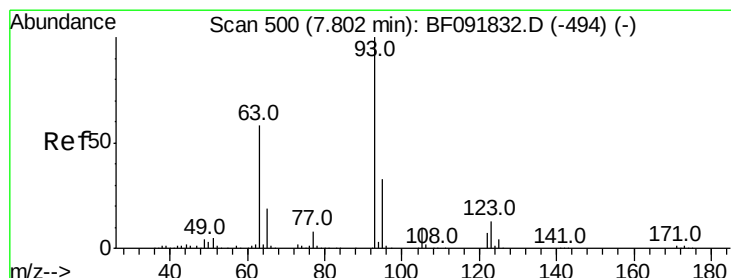
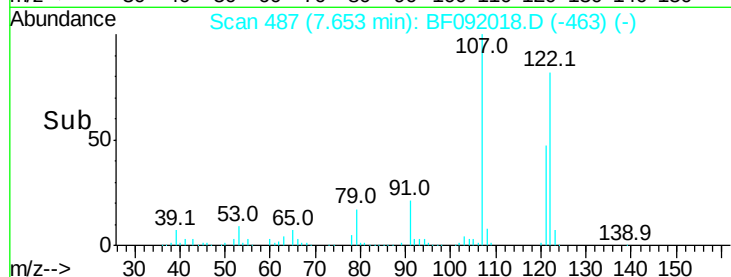
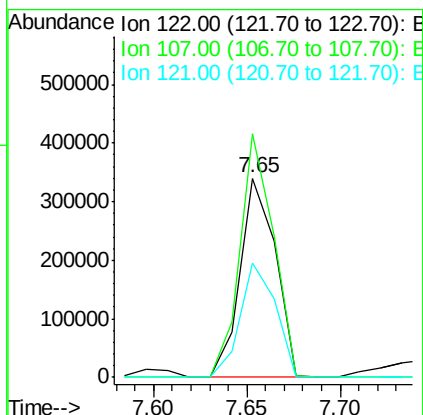
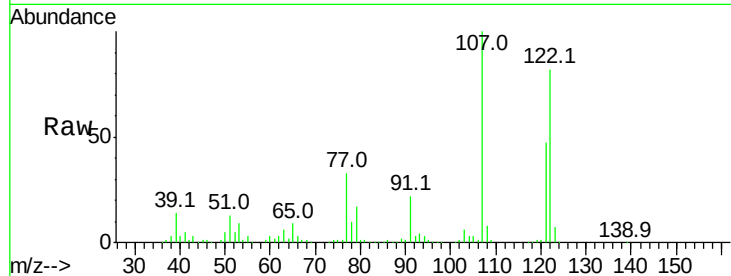
ClientSampleId :

PB95654BS

Tot Ion:	122	Resp:	450214
Ion Ratio	Lower	Upper	
122	100		
107	122.1	94.1	141.1
121	57.5	46.0	69.0

Manual Integrations
APPROVED

Sohil
12/30/2016 8:41:42 AM



#28

bis(2-Chloroethoxy)methane

Concen: 42.83 ng

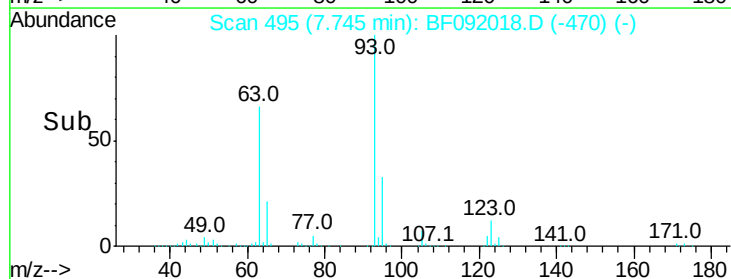
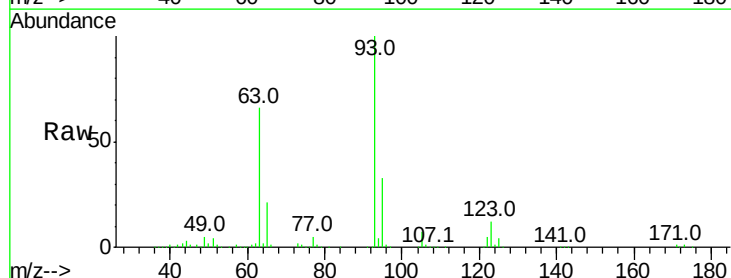
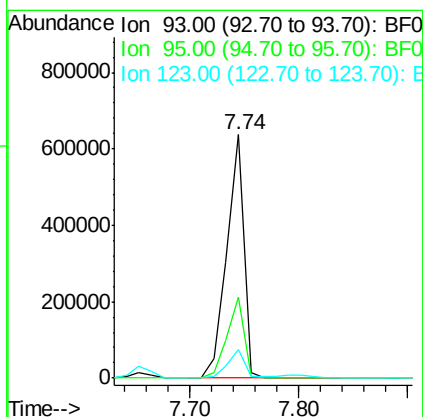
RT: 7.74 min Scan# 495

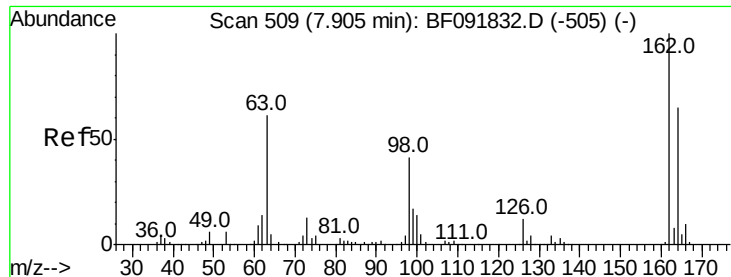
Delta R.T. -0.01 min

Lab File: BF092018.D

Acq: 29 Dec 2016 12:01

Tgt Ion:	93	Resp:	692335
Ion Ratio	Lower	Upper	
93	100		
95	33.3	26.5	39.7
123	11.6	8.6	13.0





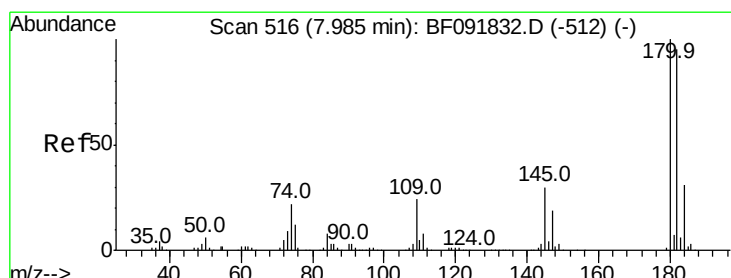
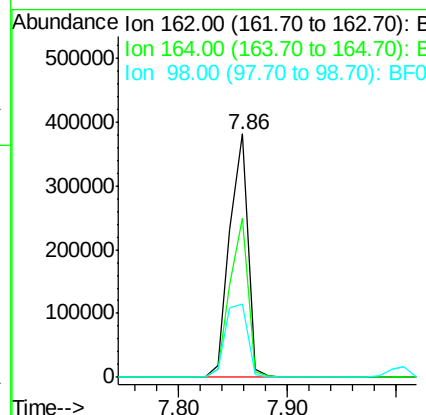
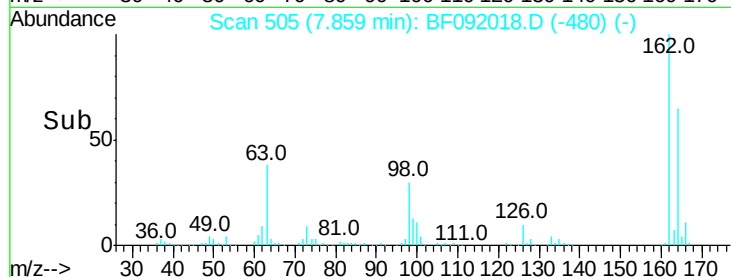
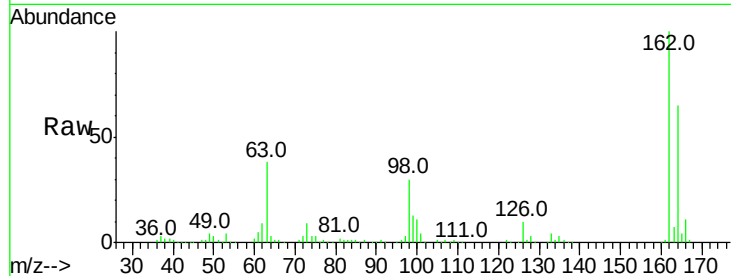
#29
 2,4-Dichlorophenol
 Concen: 41.82 ng
 RT: 7.86 min Scan# 505
 Delta R.T. -0.01 min
 Lab File: BF092018.D
 Acq: 29 Dec 2016 12:01

Instrument :
 BNA_F
 ClientSampleId :
 PB95654BS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	445726		
164	65.1	46.8	86.8	
98	29.9	9.1	49.1	

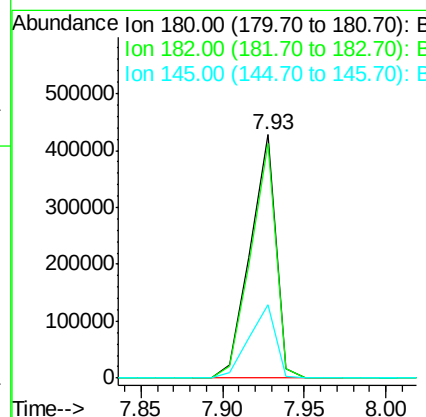
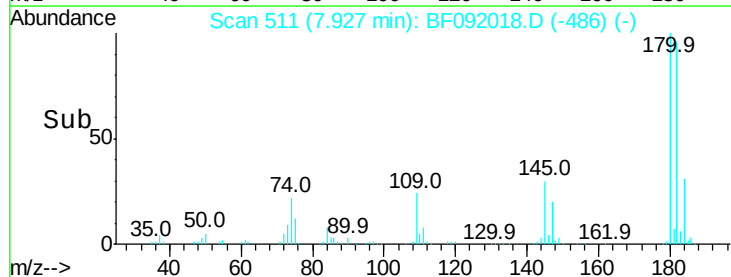
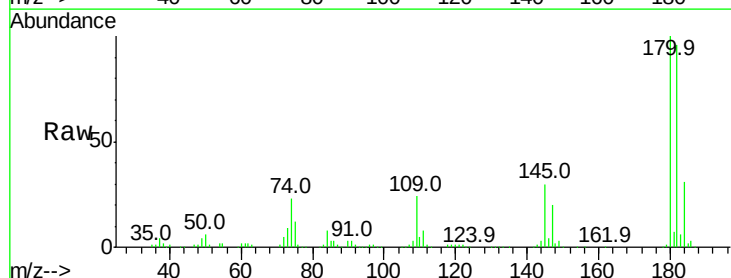
Manual Integrations
 APPROVED

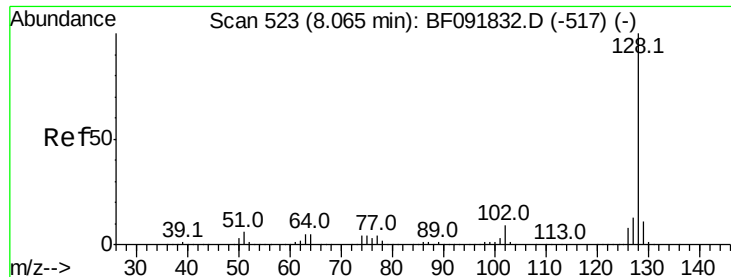
Sohil
 12/30/2016 8:41:42 AM



#30
 1,2,4-Trichlorobenzene
 Concen: 39.98 ng
 RT: 7.93 min Scan# 511
 Delta R.T. -0.01 min
 Lab File: BF092018.D
 Acq: 29 Dec 2016 12:01

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	466938		
182	96.2	78.2	117.4	
145	30.3	21.6	32.4	





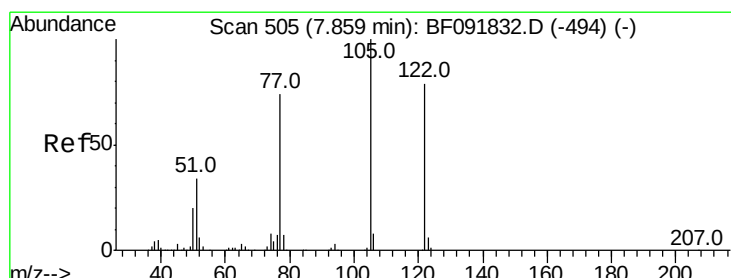
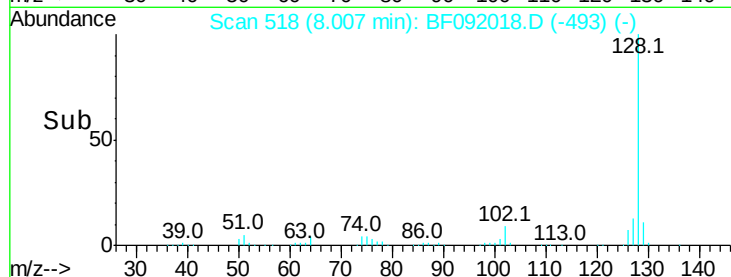
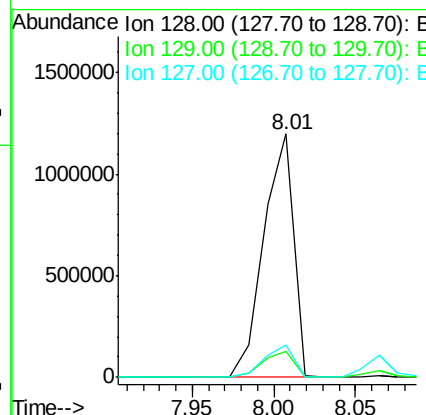
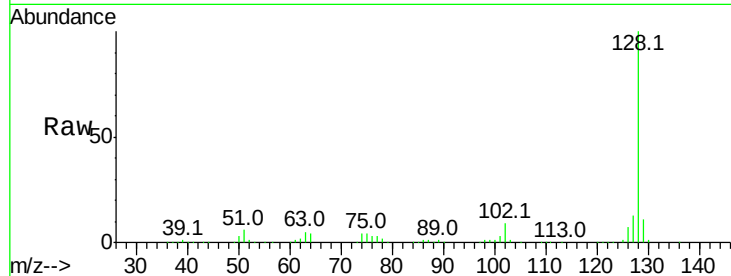
#31
Naphthalene
Concen: 41.51 ng
RT: 8.01 min Scan# 518
Delta R.T. -0.01 min
Lab File: BF092018.D
Acq: 29 Dec 2016 12:01

Instrument :
BNA_F
ClientSampleId :
PB95654BS

Tot Ion	Ratio	Lower	Upper
128	100		
129	10.9	9.5	14.3
127	13.2	10.8	16.2

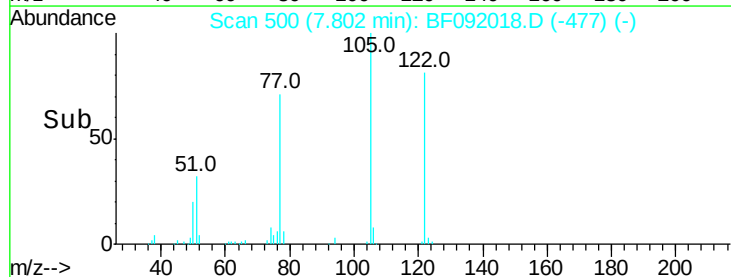
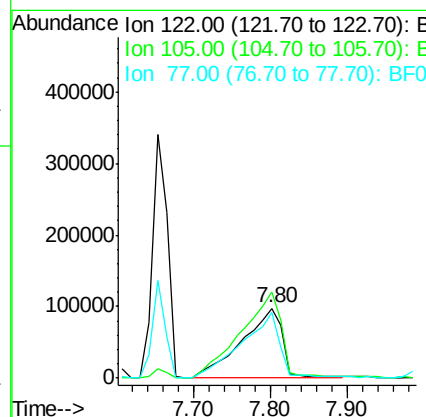
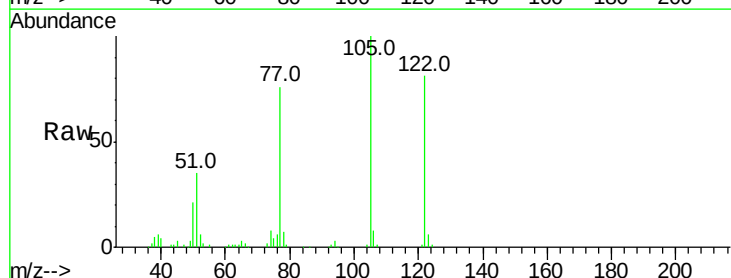
Manual Integrations
APPROVED

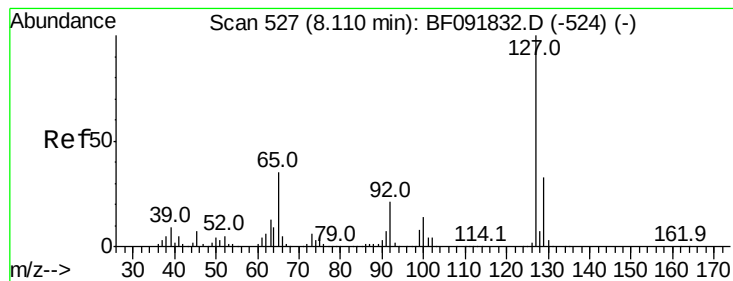
Sohil
12/30/2016 8:41:42 AM



#32
Benzoic acid
Concen: 37.12 ng
RT: 7.80 min Scan# 500
Delta R.T. -0.03 min
Lab File: BF092018.D
Acq: 29 Dec 2016 12:01

Tgt Ion	Ratio	Lower	Upper
122	100		
105	123.3	107.2	147.2
77	94.1	74.5	114.5





#33

4-Chloroaniline

Concen: 8.36 ng

RT: 8.06 min Scan# 523

Delta R.T. -0.01 min

Lab File: BF092018.D

Acq: 29 Dec 2016 12:01

Instrument :

BNA_F

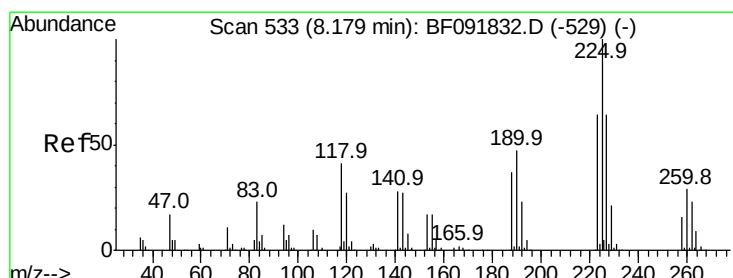
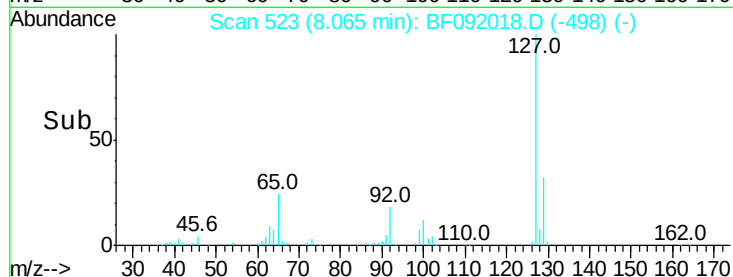
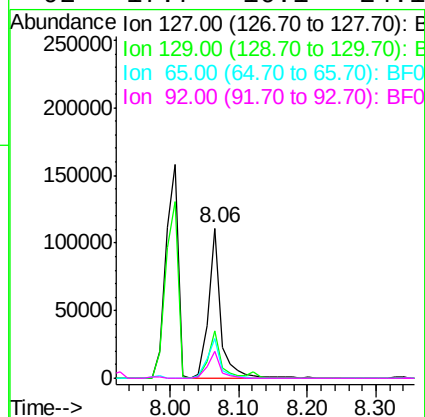
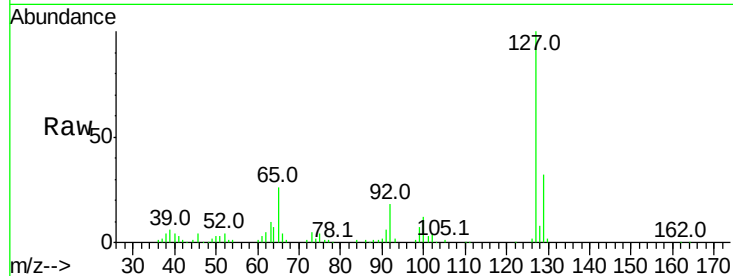
ClientSampleID :

PB95654BS

Tot Ion	Ratio	Resp	Lower	Upper
127	100			
129	31.8	26.3	39.5	
65	26.3	25.8	38.8	
92	17.7	16.1	24.1	

Manual Integrations
APPROVED

Sohil
12/30/2016 8:41:42 AM



#34

Hexachlorobutadiene

Concen: 39.19 ng

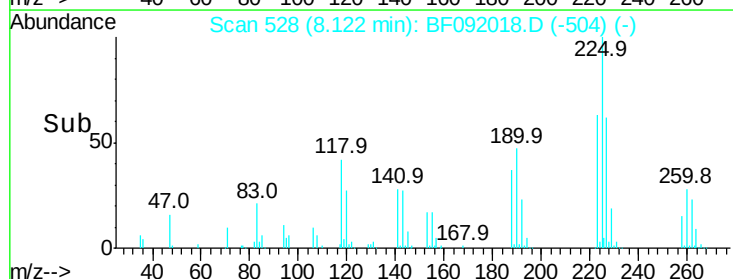
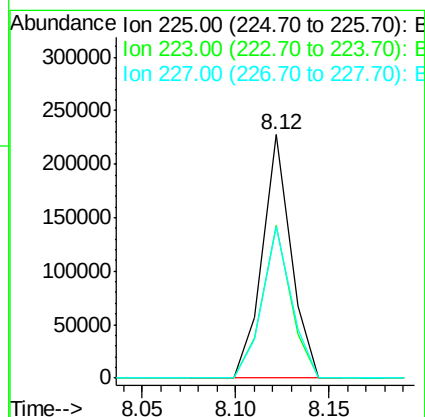
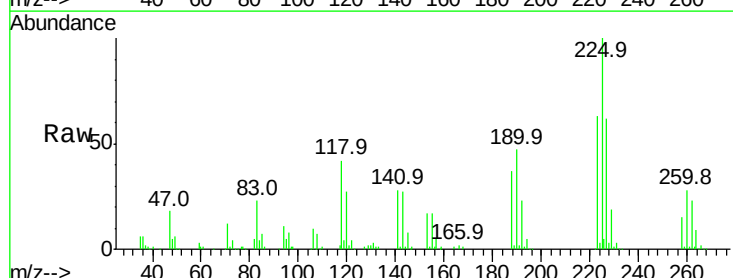
RT: 8.12 min Scan# 528

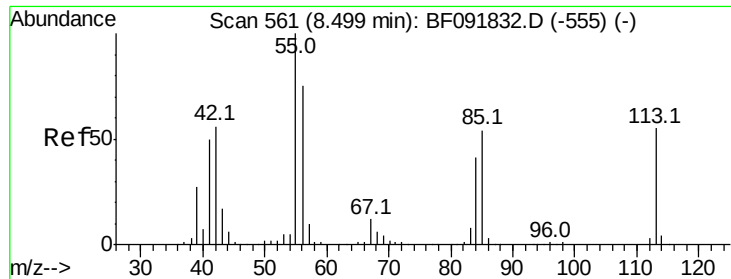
Delta R.T. -0.02 min

Lab File: BF092018.D

Acq: 29 Dec 2016 12:01

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	62.7	51.0	76.6	
227	62.3	50.6	76.0	





#35

Caprolactam

Concen: 42.91 ng/mL

RT: 8.44 min Scan# 556

Delta R.T. -0.03 min

Lab File: BF092018.D

Acq: 29 Dec 2016 12:01

Instrument :

BNA_F

ClientSampleID :

PB95654BS

Tot Ion:113 Resp: 150293

Ion Ratio Lower Upper

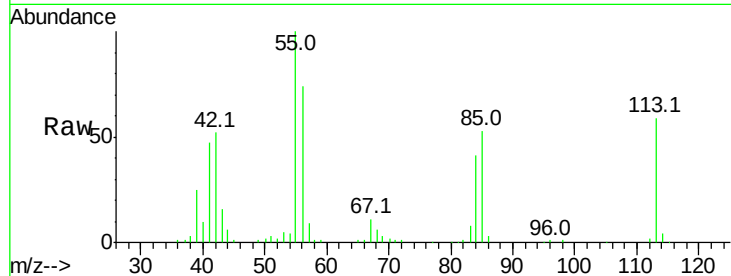
113 100

55 169.8 119.2 159.2#

56 125.0 83.8 123.8#

Manual Integrations
APPROVED

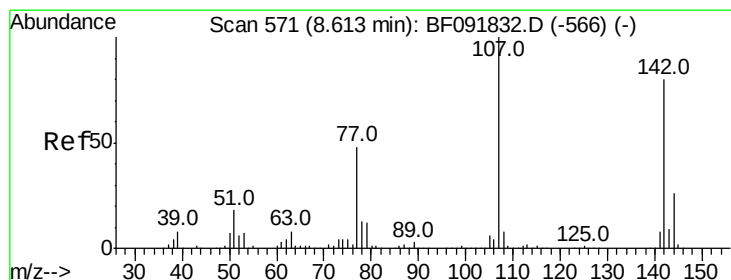
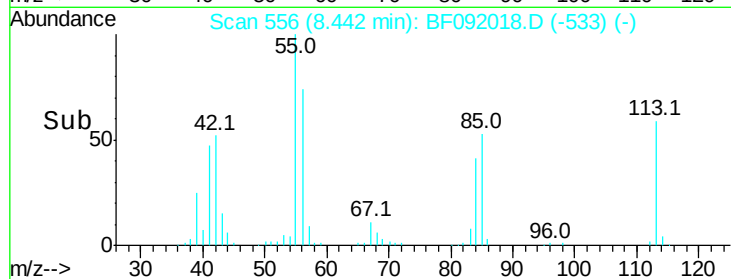
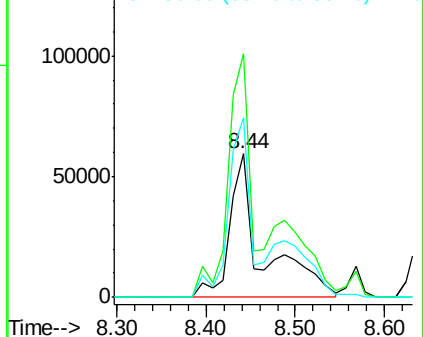
Sohil
12/30/2016 8:41:42 AM



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 39.01 ng/mL

RT: 8.57 min Scan# 567

Delta R.T. -0.01 min

Lab File: BF092018.D

Acq: 29 Dec 2016 12:01

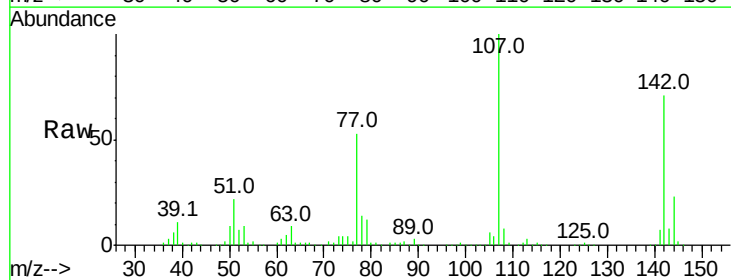
Tgt Ion:107 Resp: 478462

Ion Ratio Lower Upper

107 100

144 23.1 19.3 28.9

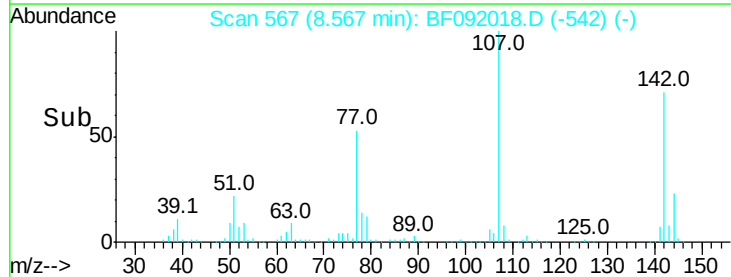
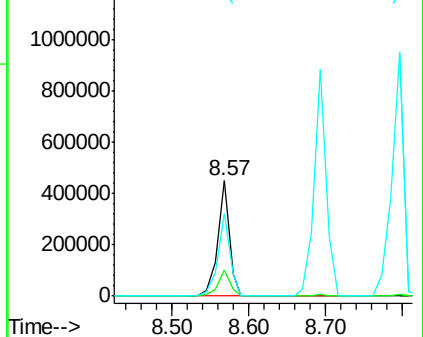
142 71.4 59.0 88.6

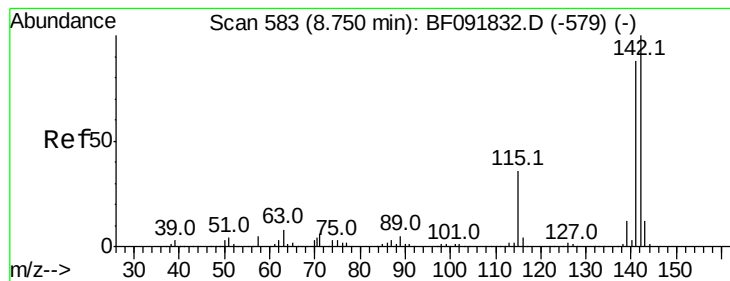


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





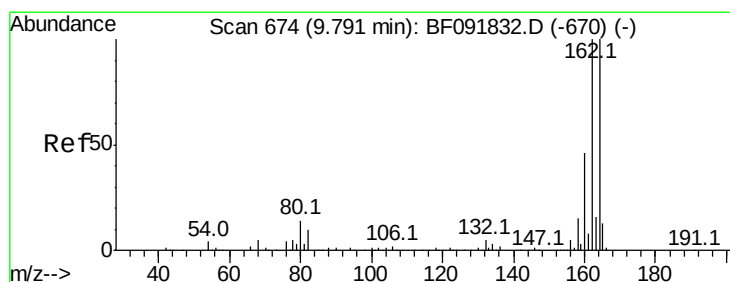
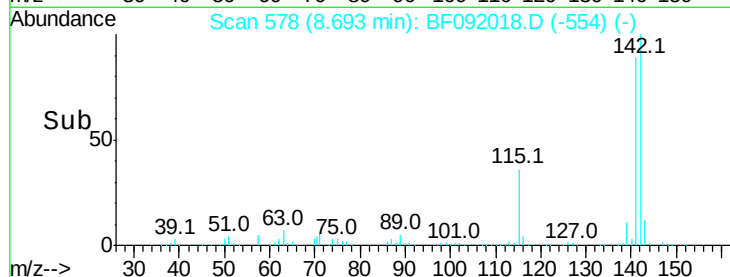
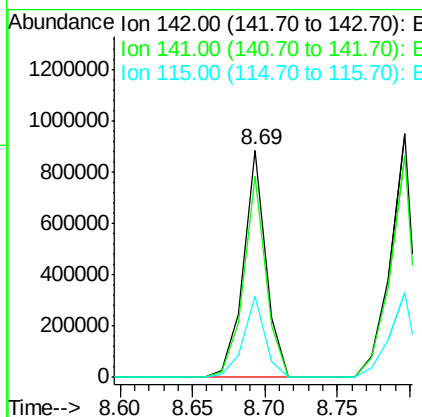
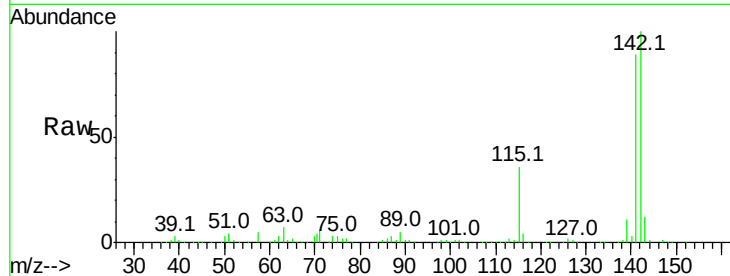
#37
2-Methylnaphthalene
Concen: 41.73 ng
RT: 8.69 min Scan# 578
Delta R.T. -0.02 min
Lab File: BF092018.D
Acq: 29 Dec 2016 12:01

Instrument :
BNA_F
ClientSampleId :
PB95654BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.9	71.0	106.6
115	35.8	28.3	42.5

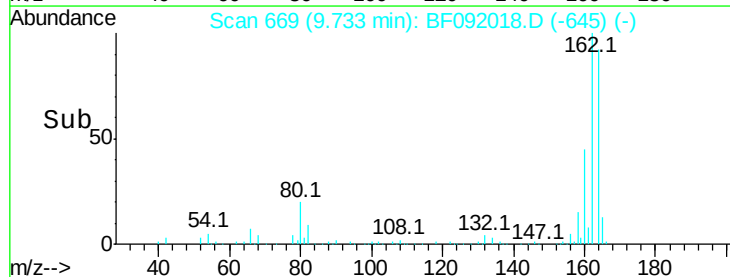
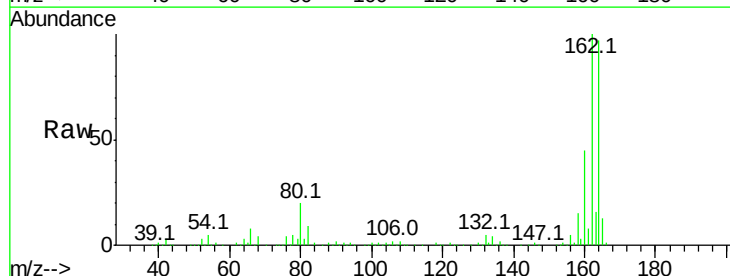
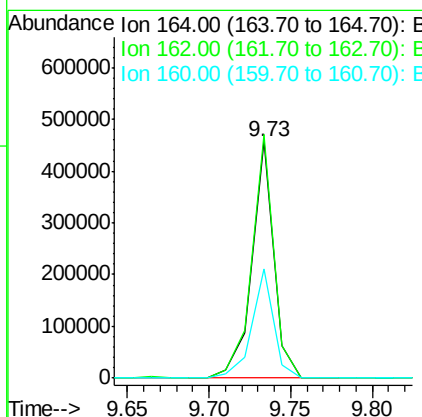
Manual Integrations
APPROVED

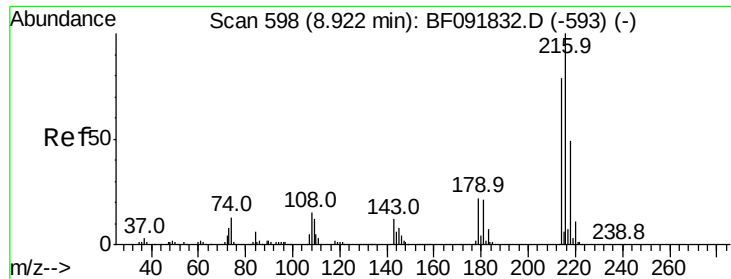
Sohil
12/30/2016 8:41:42 AM



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.73 min Scan# 669
Delta R.T. -0.02 min
Lab File: BF092018.D
Acq: 29 Dec 2016 12:01

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.8	80.2	120.2
160	46.0	36.9	55.3





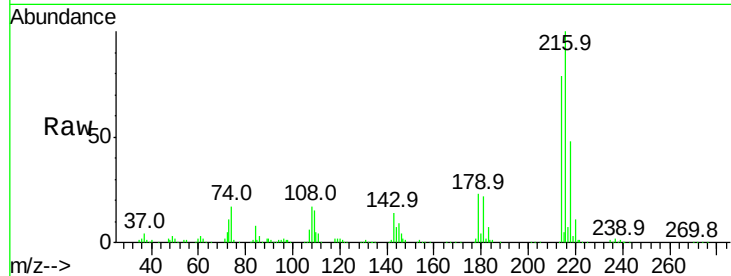
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 40.89 ng
 RT: 8.86 min Scan# 593
 Delta R.T. -0.01 min
 Lab File: BF092018.D
 Acq: 29 Dec 2016 12:01

Instrument :
 BNA_F
 ClientSampleId :
 PB95654BS

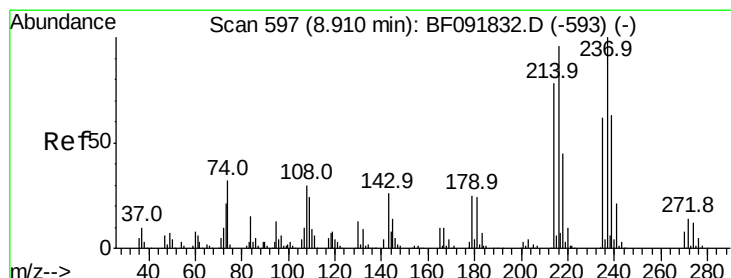
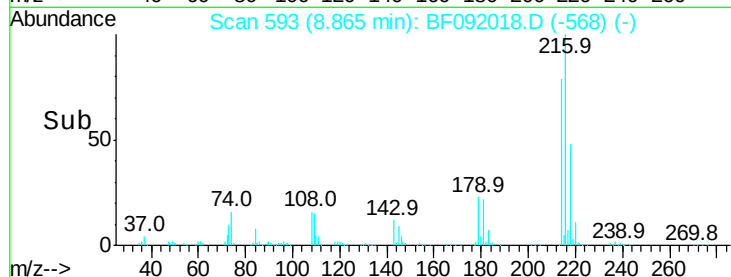
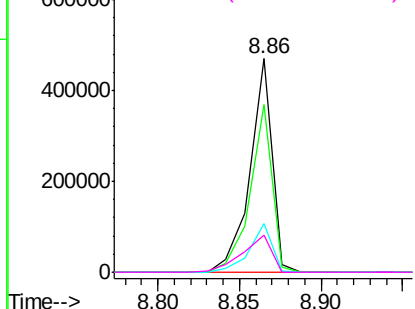
Tot Ion	Ratio	Resp	Lower	Upper
216	100	441052		
214	78.4	63.4	95.0	
179	23.1	17.4	26.2	
108	23.1	15.6	23.4	

Manual Integrations
 APPROVED

Sohil
 12/30/2016 8:41:42 AM

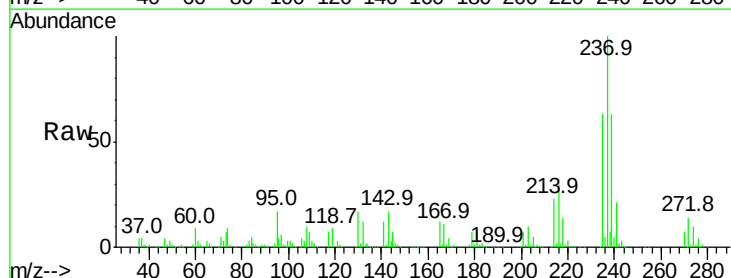


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

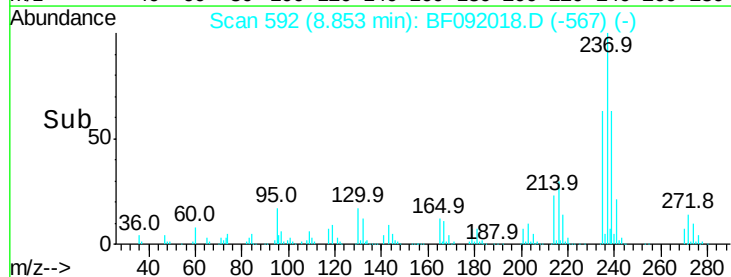
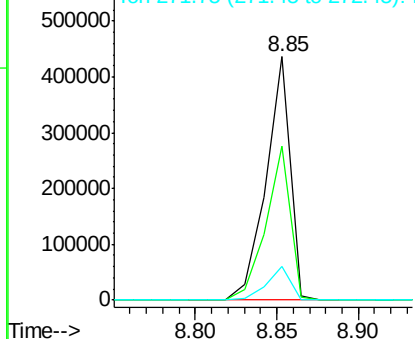


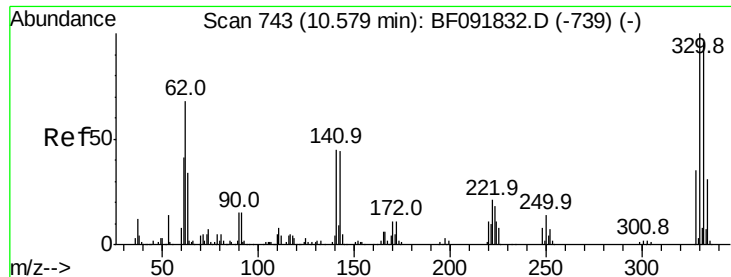
#40
 Hexachlorocyclopentadiene
 Concen: 93.23 ng
 RT: 8.85 min Scan# 592
 Delta R.T. -0.01 min
 Lab File: BF092018.D
 Acq: 29 Dec 2016 12:01

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	451215		
235	63.1	41.2	81.2	
272	14.1	0.0	35.4	



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





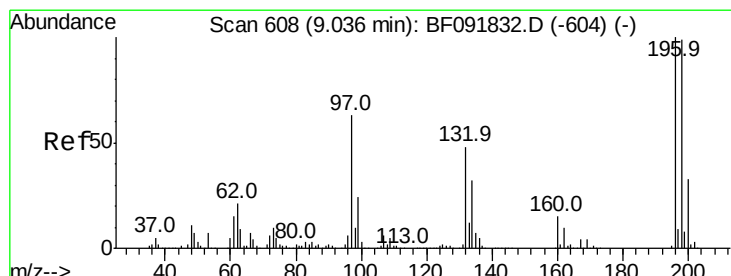
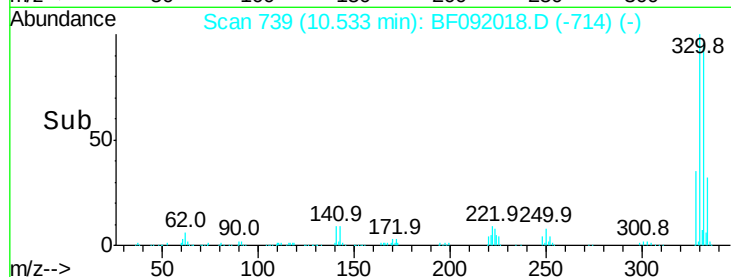
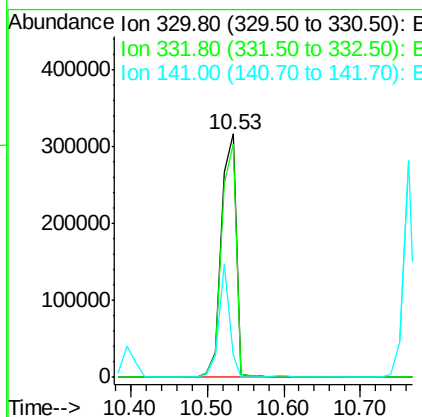
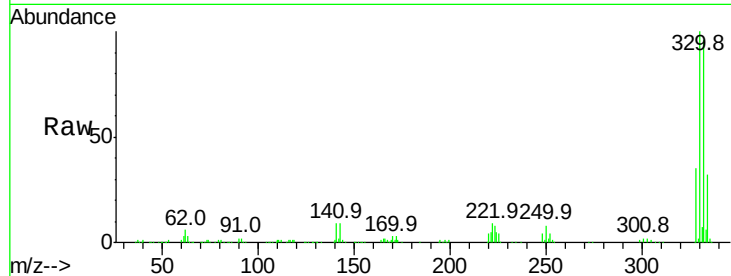
#41
 2,4,6-Tribromophenol
 Concen: 123.50 ng
 RT: 10.53 min Scan# 739
 Delta R.T. -0.01 min
 Lab File: BF092018.D
 Acq: 29 Dec 2016 12:01

Instrument :
 BNA_F
 ClientSampleId :
 PB95654BS

Tot Ion	Ratio	Resp	Lower	Upper
330	100			
332	95.2	77.4	116.2	
141	33.2	34.1	51.1#	

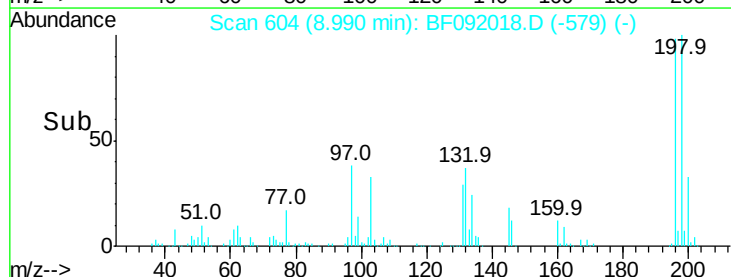
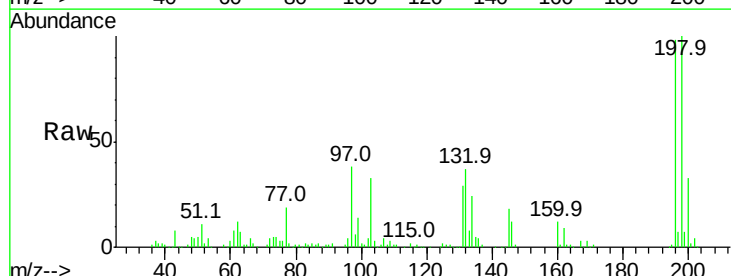
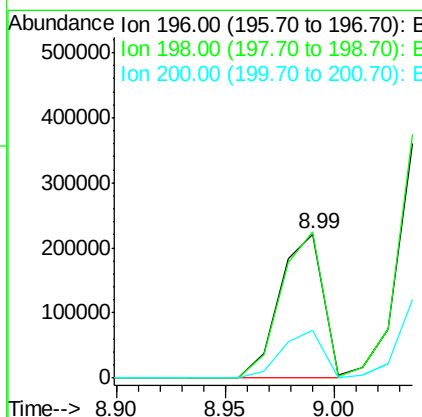
Manual Integrations
 APPROVED

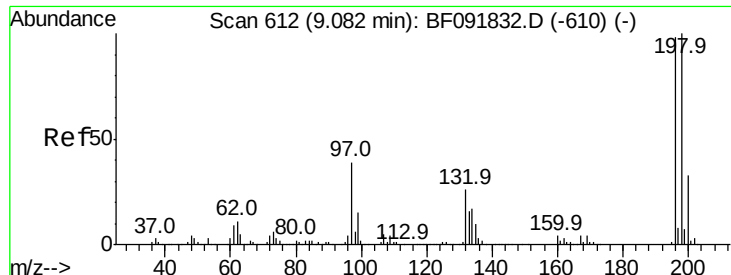
Sohil
 12/30/2016 8:41:42 AM



#42
 2,4,6-Trichlorophenol
 Concen: 40.66 ng
 RT: 8.99 min Scan# 604
 Delta R.T. -0.01 min
 Lab File: BF092018.D
 Acq: 29 Dec 2016 12:01

Tgt Ion	Ratio	Resp	Lower	Upper
196	100			
198	101.6	82.1	123.1	
200	33.5	27.0	40.4	





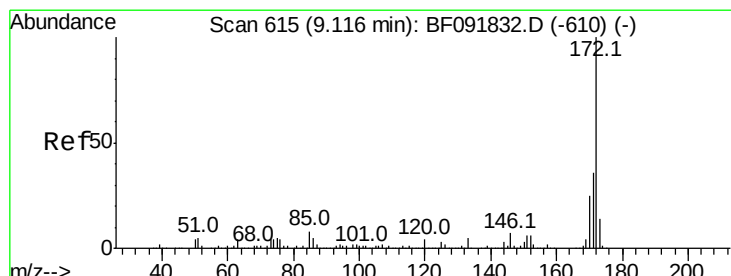
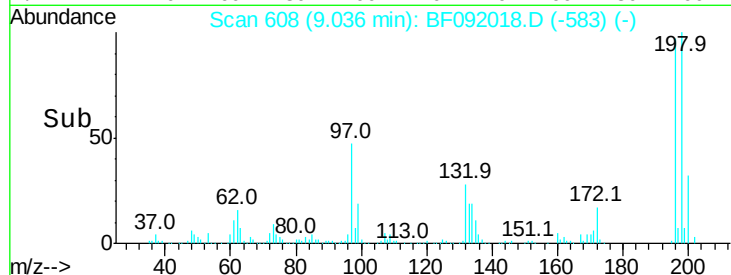
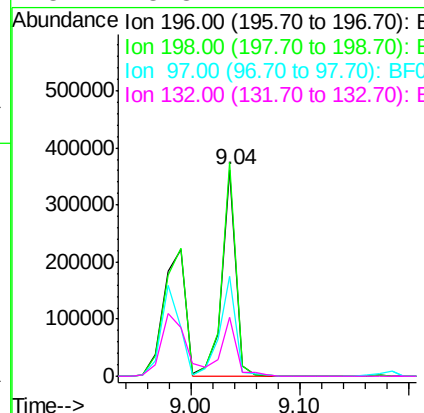
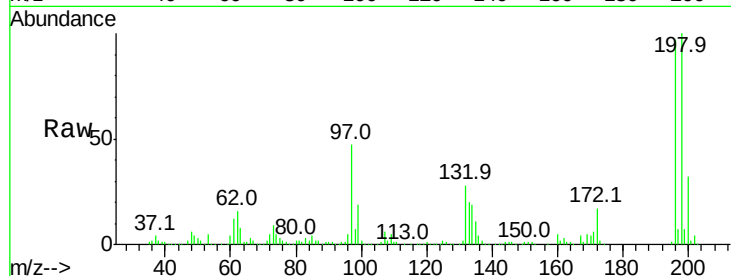
#43
 2,4,5-Trichlorophenol
 Concen: 41.75 ng
 RT: 9.04 min Scan# 608
 Delta R.T. -0.01 min
 Lab File: BF092018.D
 Acq: 29 Dec 2016 12:01

Instrument :
 BNA_F
 ClientSampleId :
 PB95654BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	324117		
198	103.6	79.4	119.2	
97	48.6	51.5	77.3#	
132	28.8	27.4	41.2	

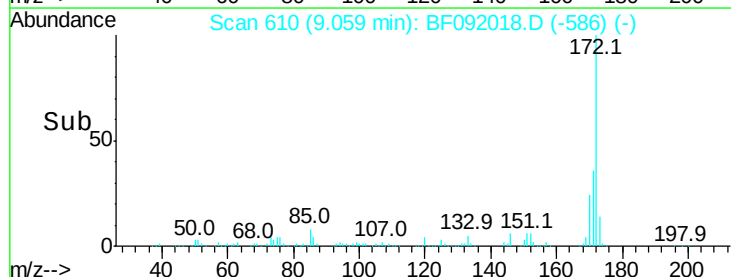
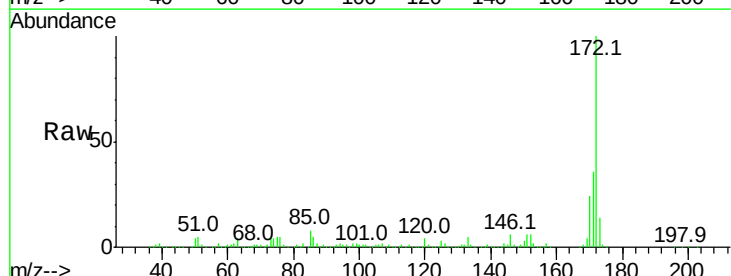
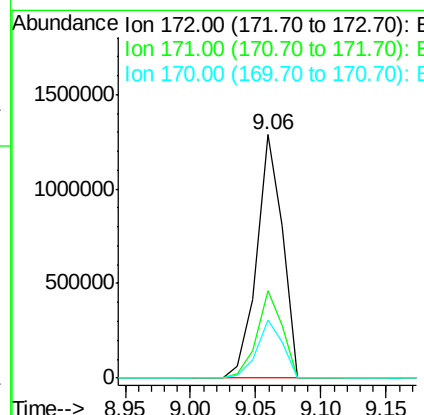
Manual Integrations
 APPROVED

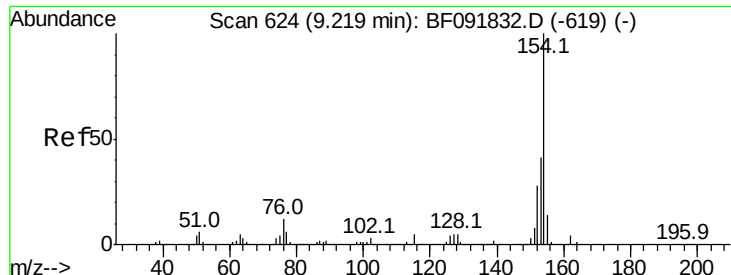
Sohil
 12/30/2016 8:41:42 AM



#44
 2-Fluorobiphenyl
 Concen: 84.89 ng
 RT: 9.06 min Scan# 610
 Delta R.T. -0.02 min
 Lab File: BF092018.D
 Acq: 29 Dec 2016 12:01

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1769285		
171	35.8	29.4	44.0	
170	24.0	20.2	30.4	





#45

1,1'-Biphenyl

Concen: 42.19 ng

RT: 9.16 min Scan# 619

Delta R.T. -0.01 min

Lab File: BF092018.D

Acq: 29 Dec 2016 12:01

Instrument :

BNA_F

ClientSampleId :

PB95654BS

Tot Ion:154 Resp: 1233409

Ion Ratio Lower Upper

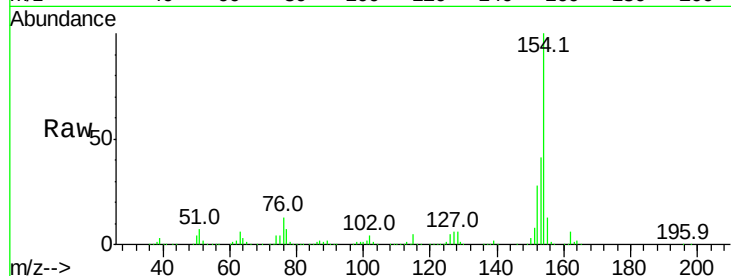
154 100

153 40.7 20.9 60.9

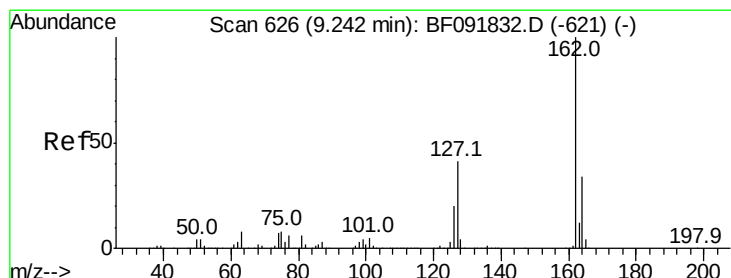
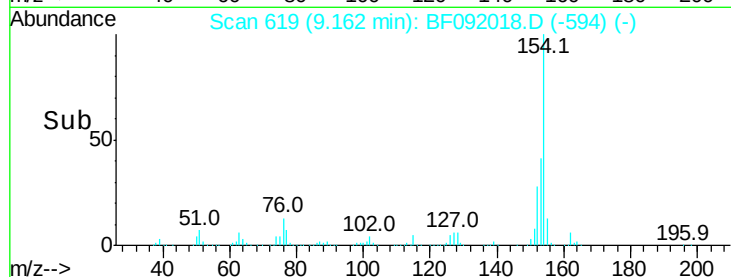
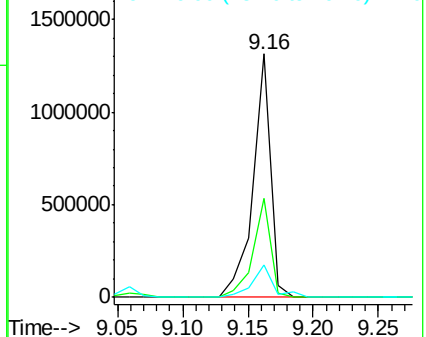
76 13.1 0.0 30.5

Manual Integrations
APPROVED

Sohil
12/30/2016 8:41:42 AM



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



#46

2-Chloronaphthalene

Concen: 41.15 ng

RT: 9.18 min Scan# 621

Delta R.T. -0.01 min

Lab File: BF092018.D

Acq: 29 Dec 2016 12:01

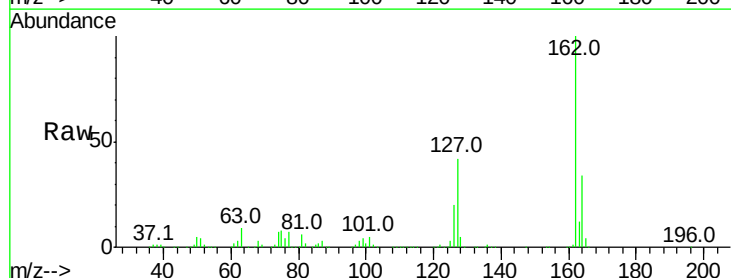
Tgt Ion:162 Resp: 952613

Ion Ratio Lower Upper

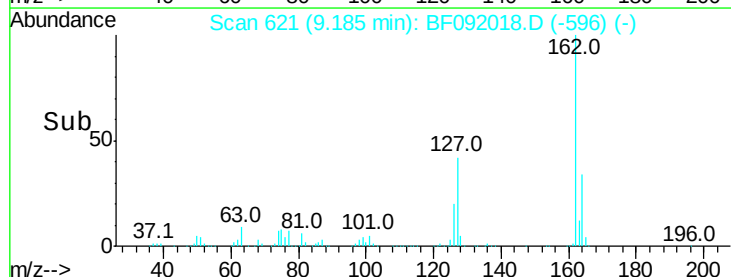
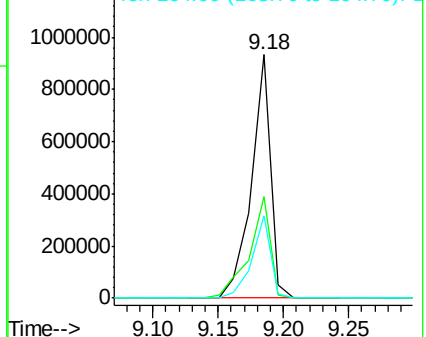
162 100

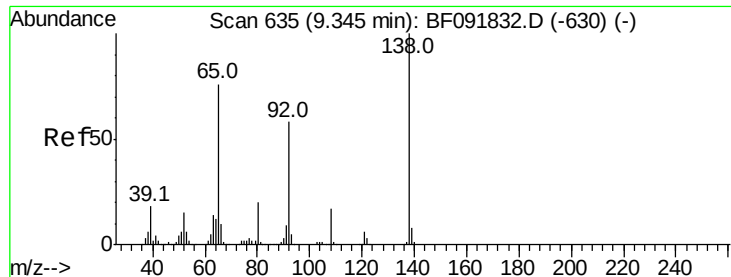
127 41.9 30.7 46.1

164 33.8 27.6 41.4



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





#47

2-Nitroaniline

Concen: 37.05 ng

RT: 9.29 min Scan# 630

Delta R.T. -0.02 min

Lab File: BF092018.D

Acq: 29 Dec 2016 12:01

Instrument :

BNA_F

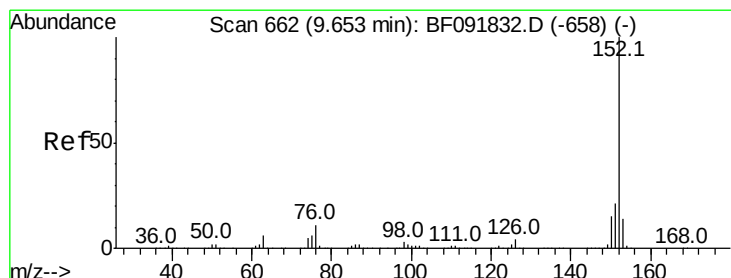
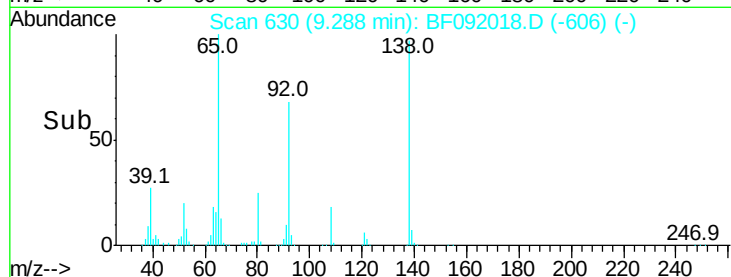
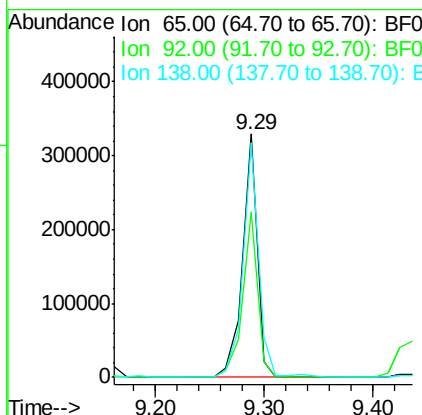
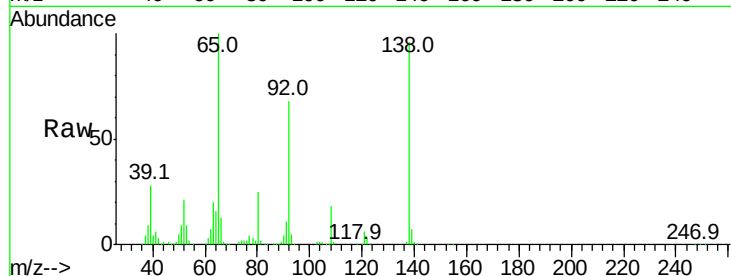
ClientSampleId :

PB95654BS

Tot Ion:	65	Resp:	305426
Ion Ratio	Lower	Upper	
65	100		
92	68.0	53.9	80.9
138	96.3	76.8	115.2

Manual Integrations
APPROVED

Sohil
12/30/2016 8:41:42 AM



#48

Acenaphthylene

Concen: 38.49 ng

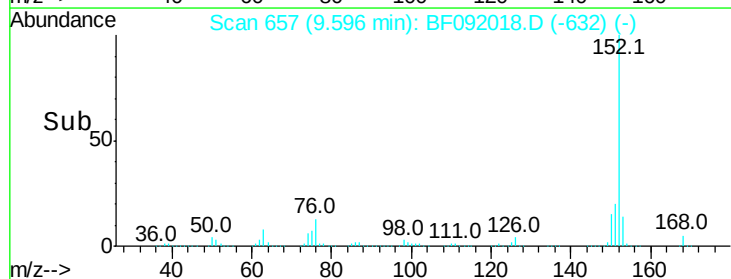
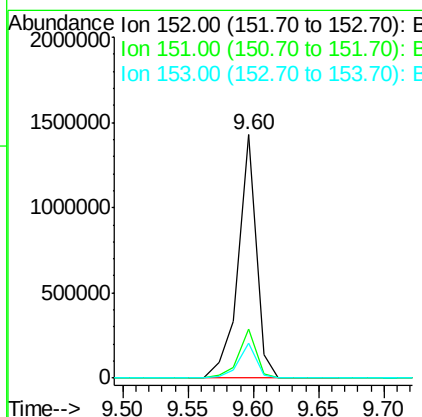
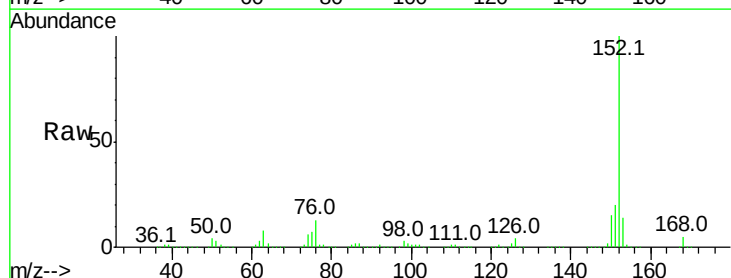
RT: 9.60 min Scan# 657

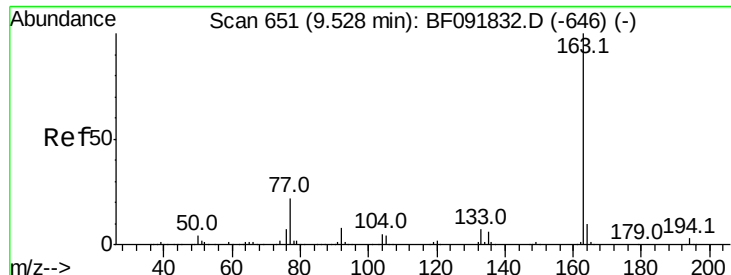
Delta R.T. -0.01 min

Lab File: BF092018.D

Acq: 29 Dec 2016 12:01

Tgt Ion:	152	Resp:	1370427
Ion Ratio	Lower	Upper	
152	100		
151	20.3	16.9	25.3
153	14.4	11.4	17.2





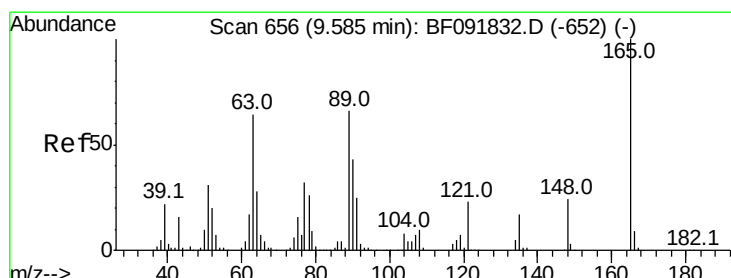
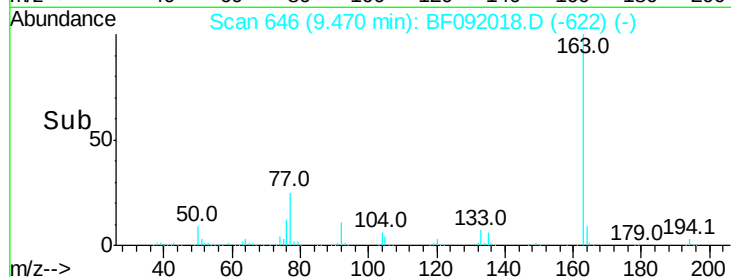
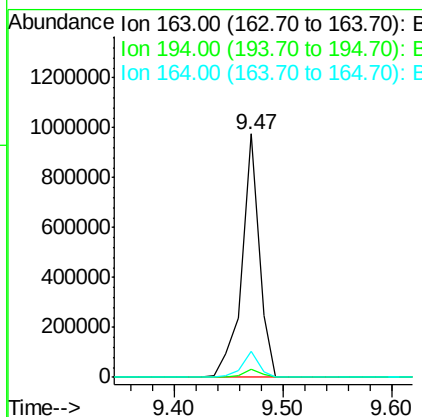
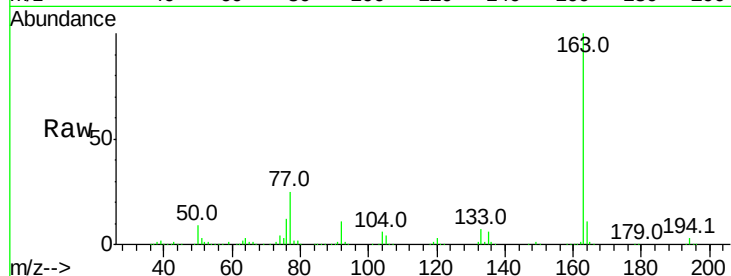
#49
Dimethylphthalate
Concen: 39.31 ng
RT: 9.47 min Scan# 646
Delta R.T. -0.02 min
Lab File: BF092018.D
Acq: 29 Dec 2016 12:01

Instrument :
BNA_F
ClientSampleId :
PB95654BS

Tot Ion:163 Resp: 1073398
Ion Ratio Lower Upper
163 100
194 3.2 3.0 4.4
164 10.5 8.0 12.0

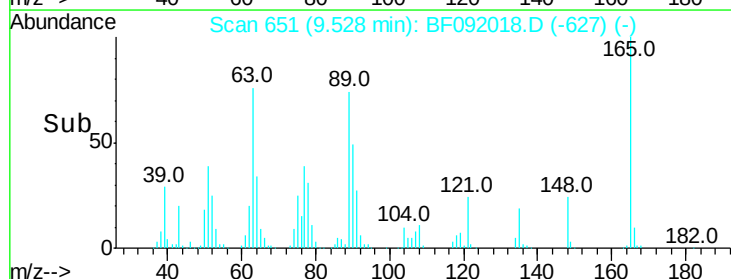
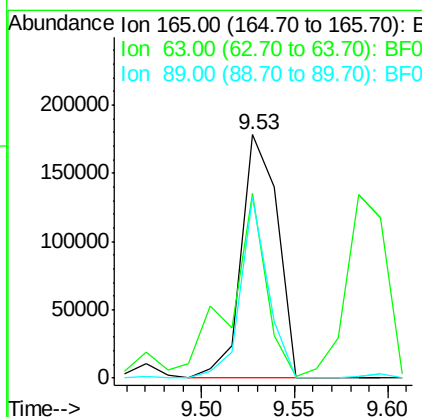
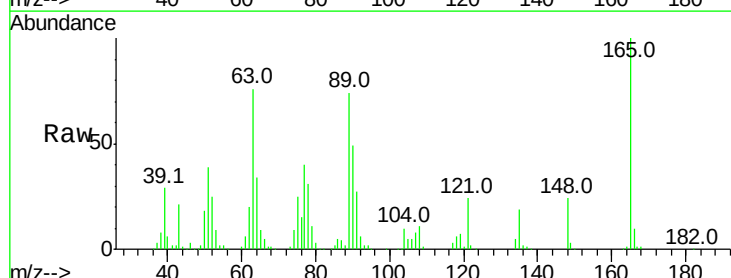
Manual Integrations
APPROVED

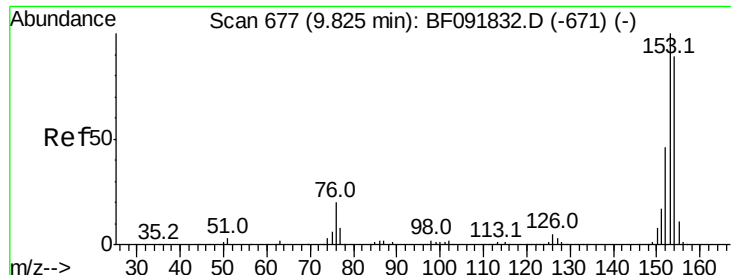
Sohil
12/30/2016 8:41:42 AM



#50
2,6-Dinitrotoluene
Concen: 40.05 ng
RT: 9.53 min Scan# 651
Delta R.T. -0.02 min
Lab File: BF092018.D
Acq: 29 Dec 2016 12:01

Tgt Ion:165 Resp: 239399
Ion Ratio Lower Upper
165 100
63 75.9 36.2 54.4#
89 74.4 40.2 60.4#





#51

Acenaphthene

Concen: 36.53 ng

RT: 9.77 min Scan# 672

Delta R.T. -0.02 min

Lab File: BF092018.D

Acq: 29 Dec 2016 12:01

Instrument :

BNA_F

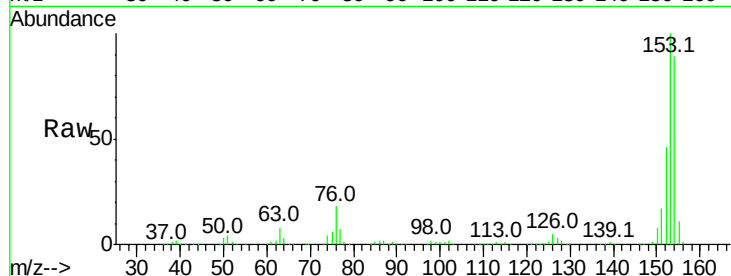
ClientSampleId :

PB95654BS

Tot Ion:	154	Resp:	881733
Ion Ratio	Lower	Upper	
154	100		
153	112.8	88.6	133.0
152	51.8	41.6	62.4

Manual Integrations
APPROVED

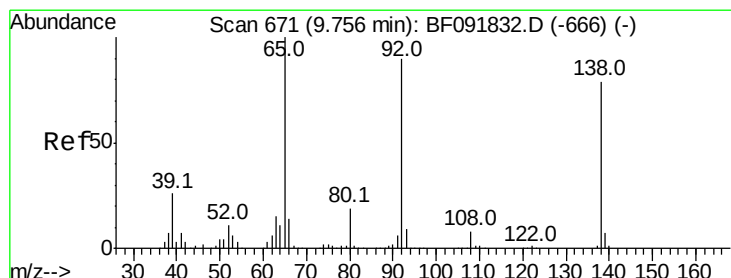
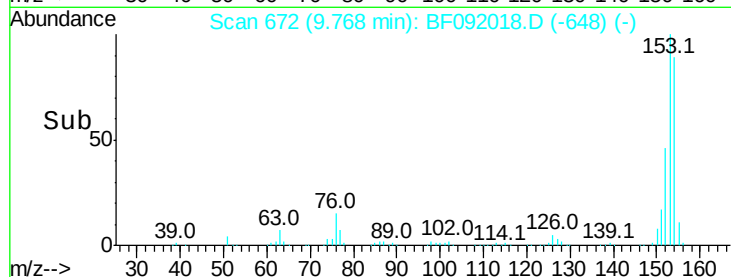
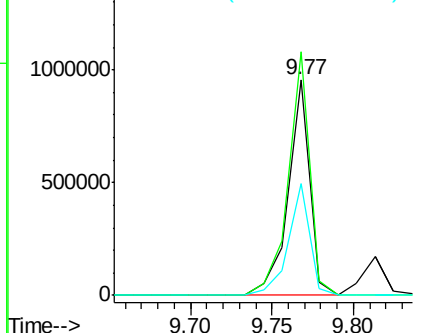
Sohil
12/30/2016 8:41:42 AM



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: 15.91 ng

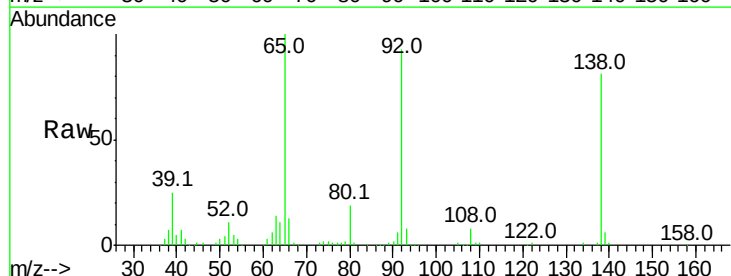
RT: 9.70 min Scan# 666

Delta R.T. -0.02 min

Lab File: BF092018.D

Acq: 29 Dec 2016 12:01

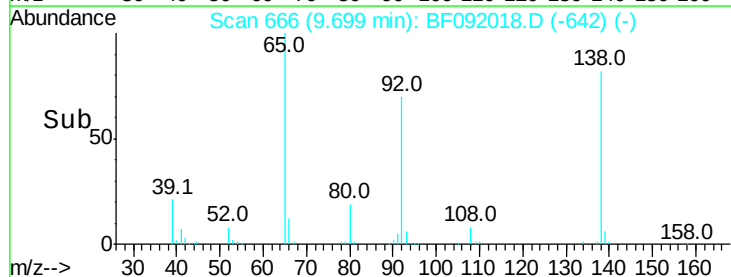
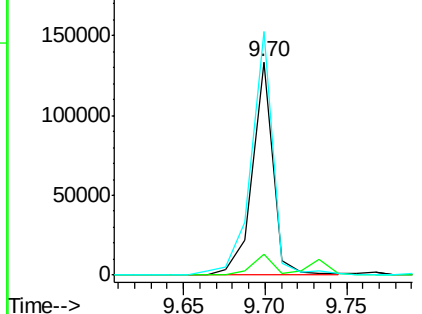
Tgt Ion:	138	Resp:	117693
Ion Ratio	Lower	Upper	
138	100		
108	10.0	8.5	12.7
92	114.1	97.8	146.8

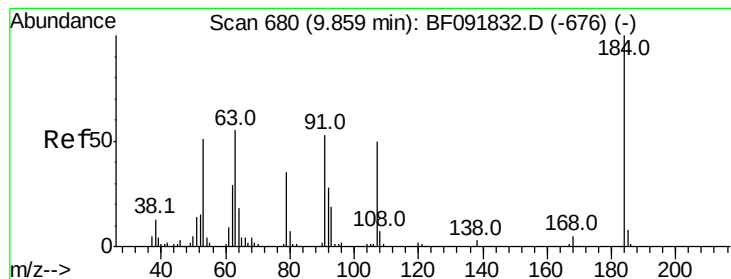


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0





#53

2,4-Dinitrophenol

Concen: 80.80 ng

RT: 9.81 min Scan# 676

Delta R.T. -0.01 min

Lab File: BF092018.D

Acq: 29 Dec 2016 12:01

Instrument :

BNA_F

ClientSampleId :

PB95654BS

Tot Ion:184 Resp: 268728

Ion Ratio Lower Upper

184 100

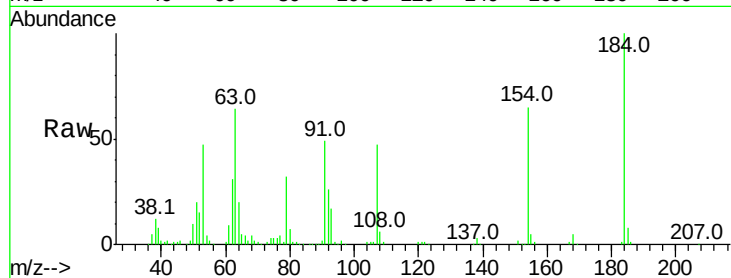
63 64.2 28.4 42.6#

154 65.0 44.3 66.5

Manual Integrations
APPROVED

Sohil

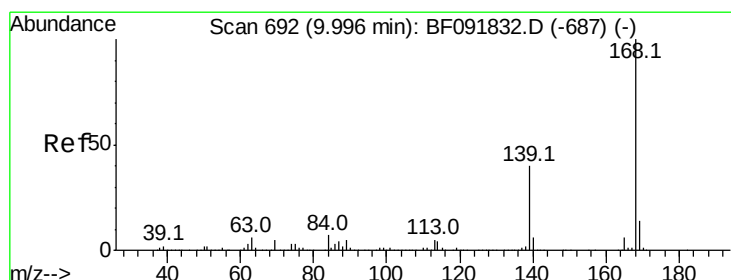
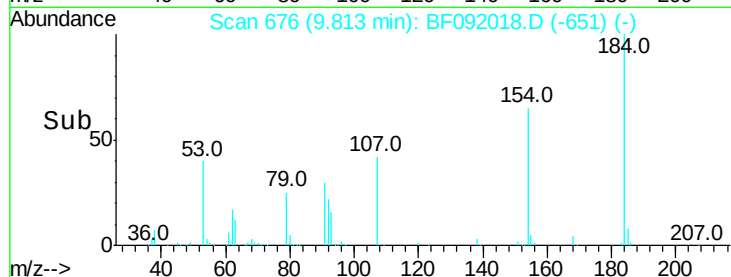
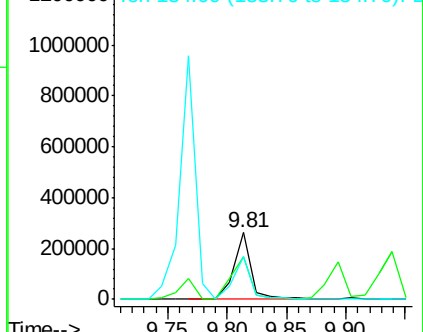
12/30/2016 8:41:42 AM



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 154.00 (153.70 to 154.70): E



#54

Dibenzofuran

Concen: 35.97 ng

RT: 9.94 min Scan# 687

Delta R.T. -0.02 min

Lab File: BF092018.D

Acq: 29 Dec 2016 12:01

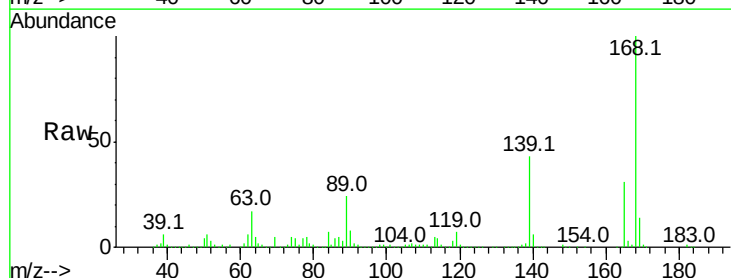
Tgt Ion:168 Resp: 1172510

Ion Ratio Lower Upper

168 100

139 42.7 32.6 49.0

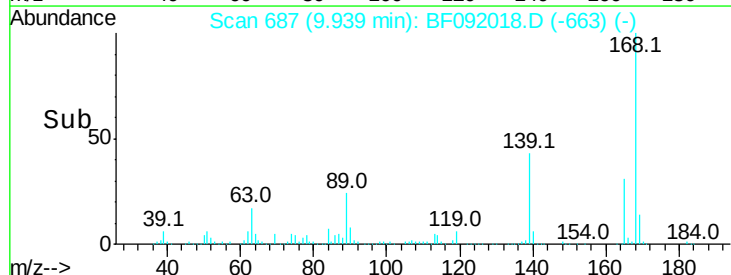
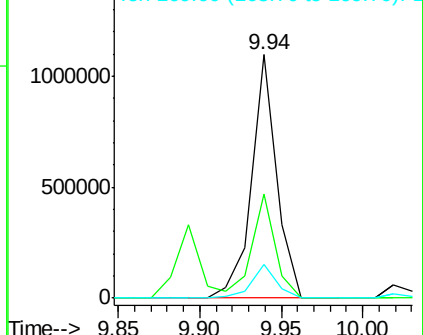
169 14.1 11.3 16.9

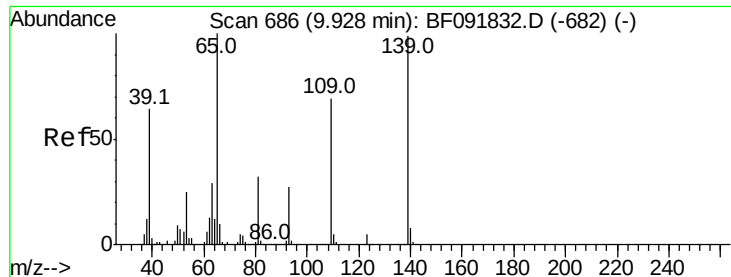


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E





#55

4-Nitrophenol

Concen: 69.84 ng

RT: 9.89 min Scan# 683

Delta R.T. -0.01 min

Lab File: BF092018.D

Acq: 29 Dec 2016 12:01

Instrument :

BNA_F

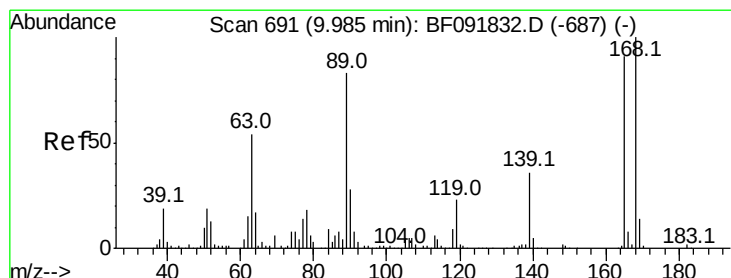
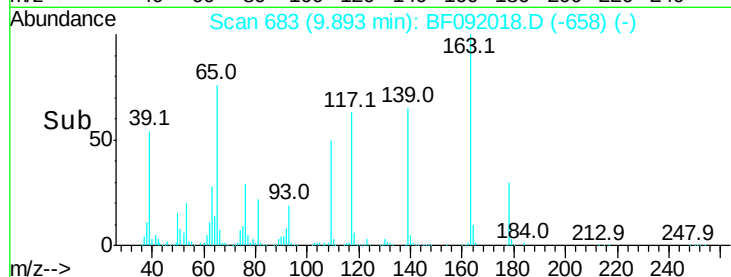
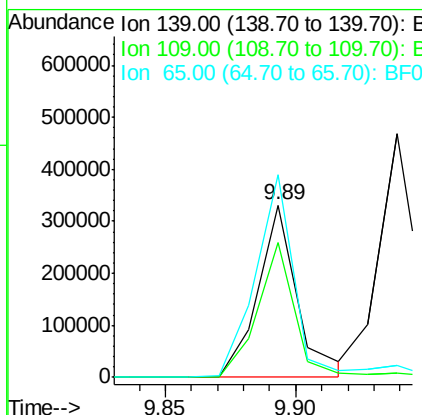
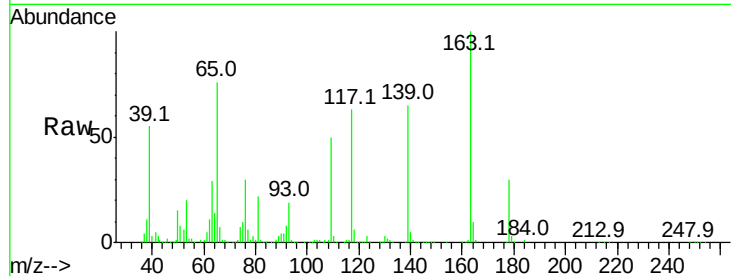
ClientSampleId :

PB95654BS

Tot Ion:	139	Resp:	350767
Ion Ratio	Lower	Upper	
139	100		
109	77.8	52.2	92.2
65	117.3	85.8	125.8

Manual Integrations
APPROVED

Sohil
12/30/2016 8:41:42 AM



#56

2,4-Dinitrotoluene

Concen: 45.82 ng

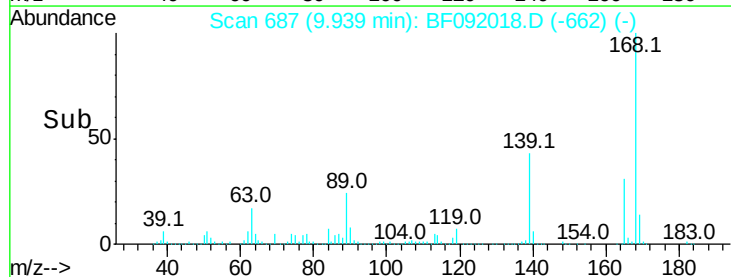
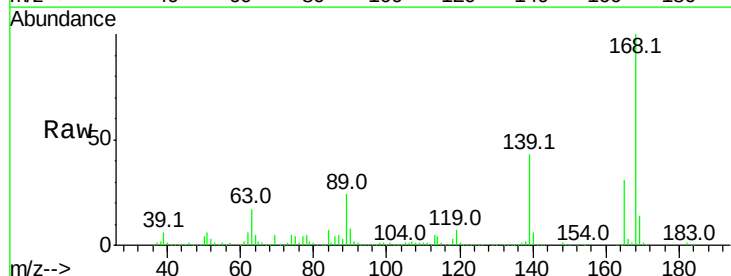
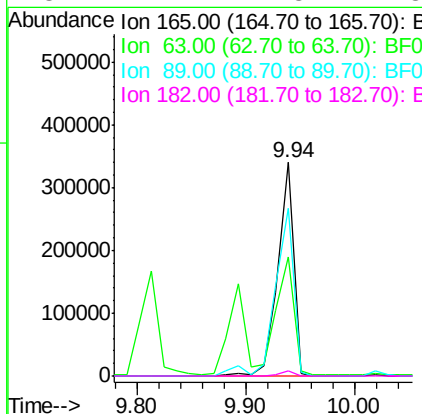
RT: 9.94 min Scan# 687

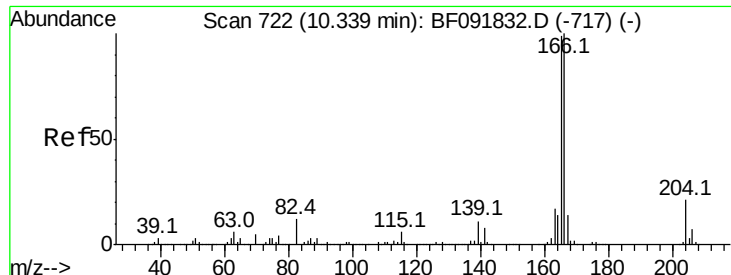
Delta R.T. -0.01 min

Lab File: BF092018.D

Acq: 29 Dec 2016 12:01

Tgt Ion:	165	Resp:	343740
Ion Ratio	Lower	Upper	
165	100		
63	55.9	40.2	60.4
89	78.4	62.5	93.7
182	2.4	1.8	2.8





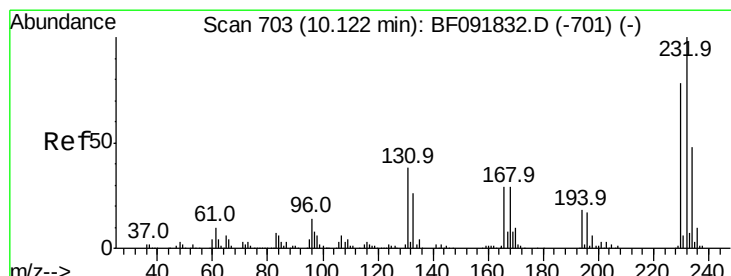
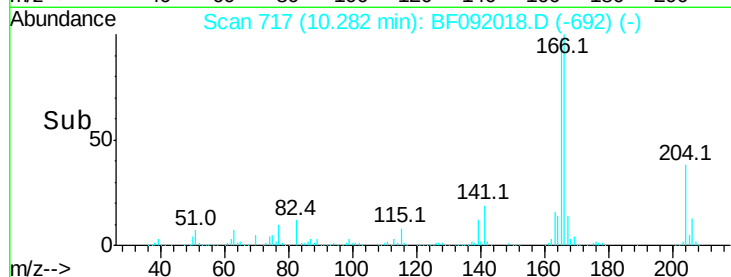
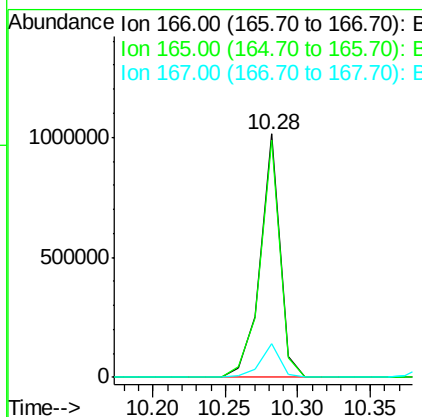
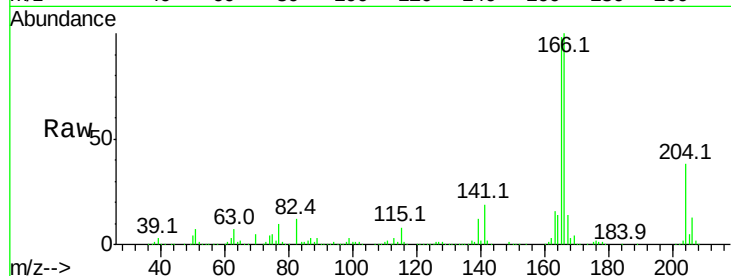
#57
 Fluorene
 Concen: 40.44 ng
 RT: 10.28 min Scan# 717
 Delta R.T. -0.01 min
 Lab File: BF092018.D
 Acq: 29 Dec 2016 12:01

Instrument :
 BNA_F
 ClientSampleId :
 PB95654BS

Tot Ion	Ratio	Resp	Lower	Upper
166	100			
165	97.7	77.8	116.8	
167	13.8	10.8	16.2	

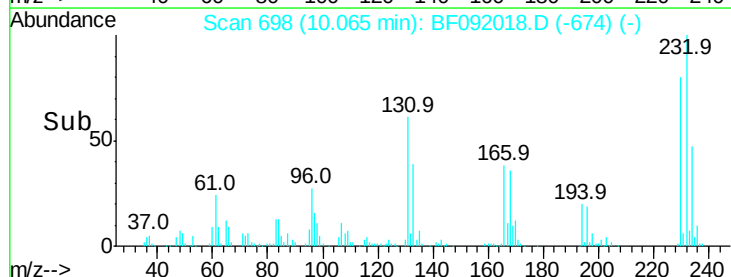
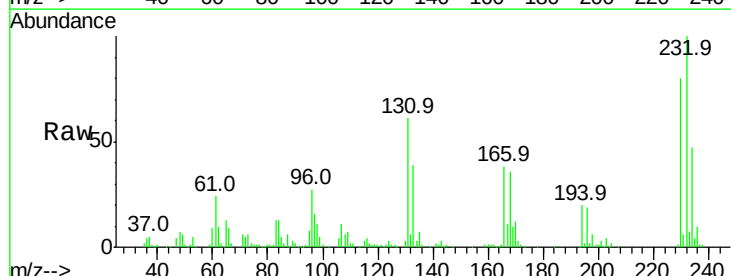
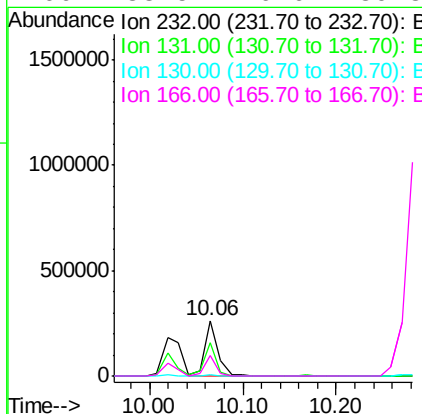
Manual Integrations
 APPROVED

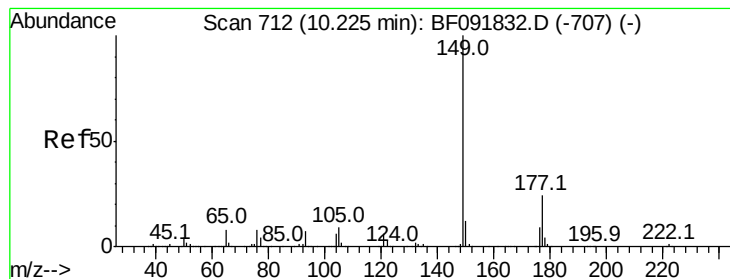
Sohil
 12/30/2016 8:41:42 AM



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 41.76 ng
 RT: 10.06 min Scan# 698
 Delta R.T. -0.02 min
 Lab File: BF092018.D
 Acq: 29 Dec 2016 12:01

Tgt Ion	Ratio	Resp	Lower	Upper
232	100			
131	53.6	40.1	60.1	
130	2.5	1.8	2.8	
166	33.5	26.6	39.8	





#59

Diethylphthalate

Concen: 38.88 ng

RT: 10.17 min Scan# 707

Delta R.T. -0.01 min

Lab File: BF092018.D

Acq: 29 Dec 2016 12:01

Instrument :

BNA_F

ClientSampleId :

PB95654BS

Tot Ion:149 Resp: 1031056

Ion Ratio Lower Upper

149 100

177 21.0 16.6 25.0

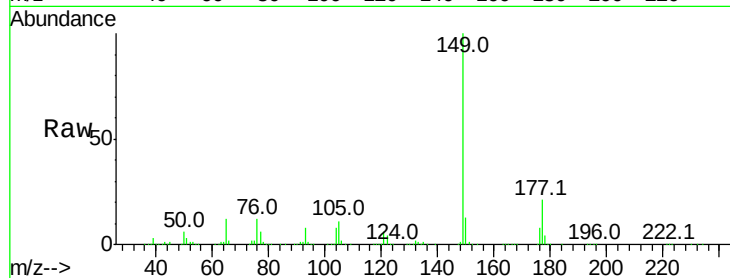
150 12.7 10.4 15.6

Manual Integrations

APPROVED

Sohil

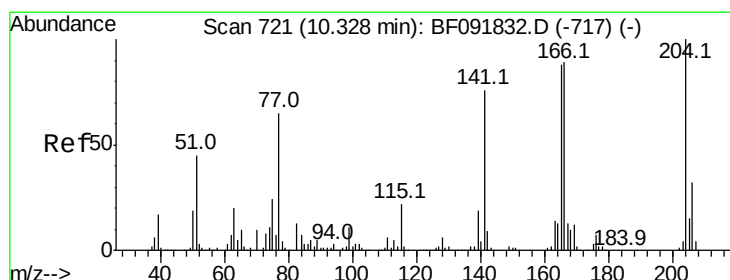
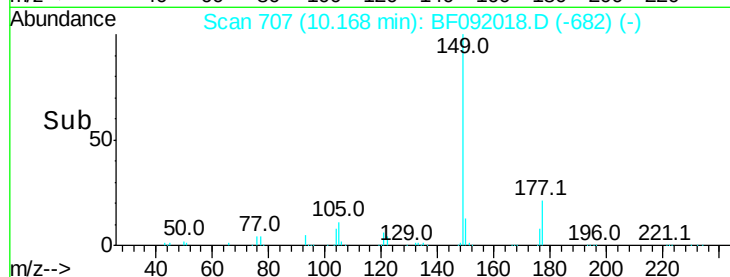
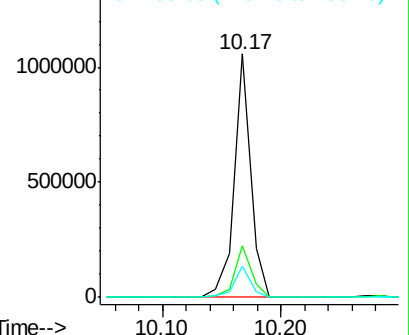
12/30/2016 8:41:42 AM



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: 44.11 ng

RT: 10.28 min Scan# 717

Delta R.T. -0.01 min

Lab File: BF092018.D

Acq: 29 Dec 2016 12:01

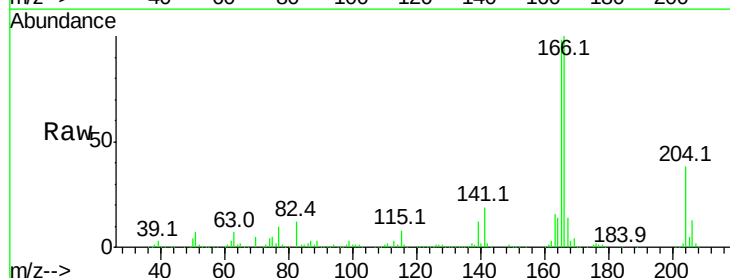
Tgt Ion:204 Resp: 458075

Ion Ratio Lower Upper

204 100

206 33.8 25.8 38.6

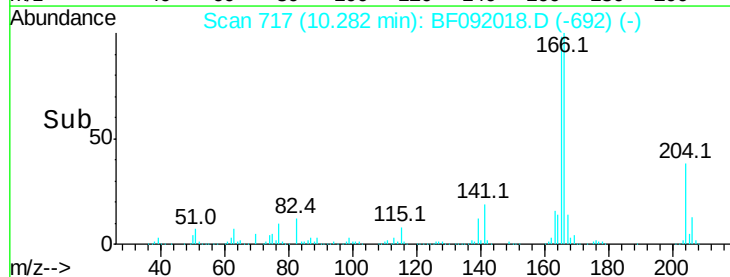
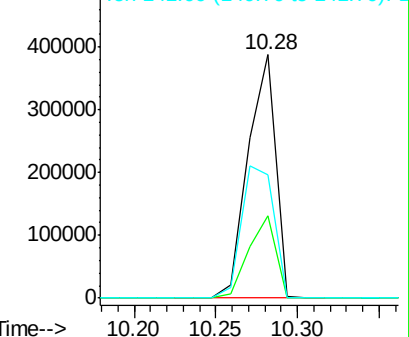
141 50.7 59.4 89.0#

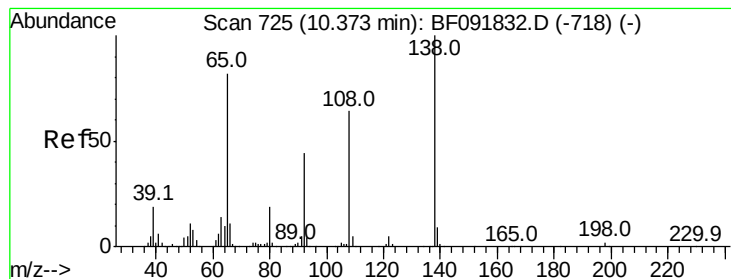


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





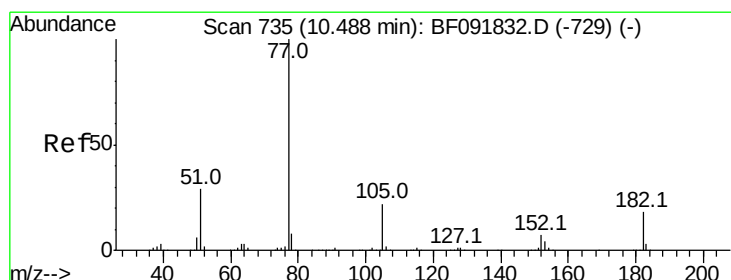
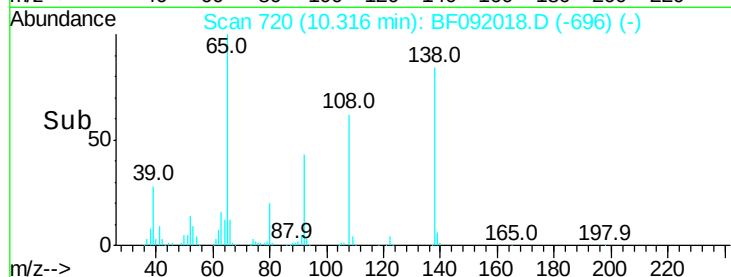
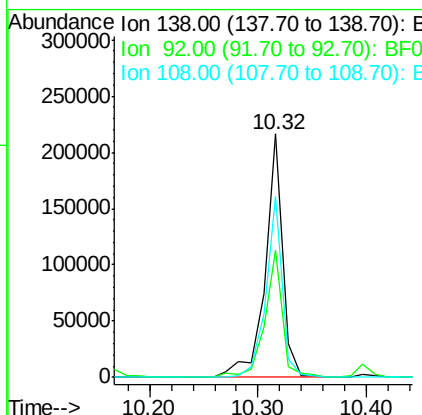
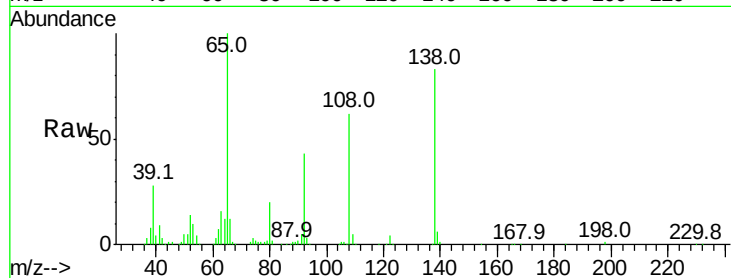
#61
4-Nitroaniline
Concen: 32.12 ng
RT: 10.32 min Scan# 720
Delta R.T. -0.02 min
Lab File: BF092018.D
Acq: 29 Dec 2016 12:01

Instrument :
BNA_F
ClientSampleId :
PB95654BS

Tot Ion	Ratio	Lower	Upper
138	100		
92	52.0	31.7	71.7
108	74.1	52.6	92.6

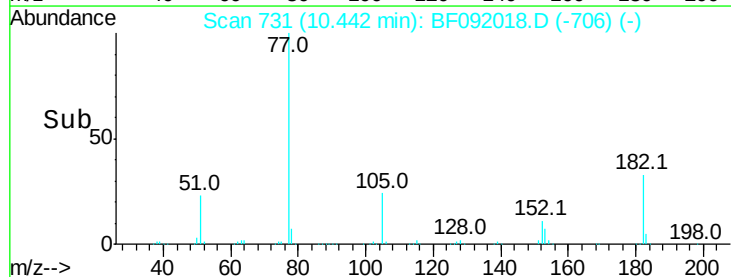
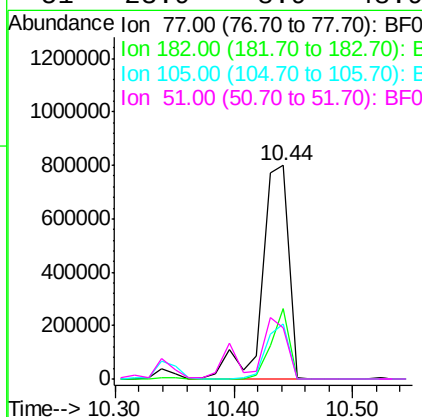
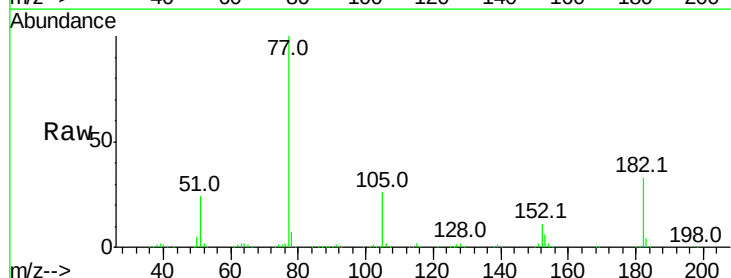
Manual Integrations
APPROVED

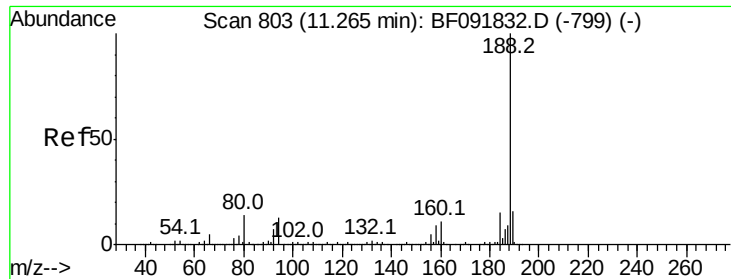
Sohil
12/30/2016 8:41:42 AM



#62
Azobenzene
Concen: 42.88 ng
RT: 10.44 min Scan# 731
Delta R.T. -0.01 min
Lab File: BF092018.D
Acq: 29 Dec 2016 12:01

Tgt Ion	Ratio	Lower	Upper
77	100		
182	32.7	0.0	39.3
105	26.0	2.3	42.3
51	23.9	8.9	48.9





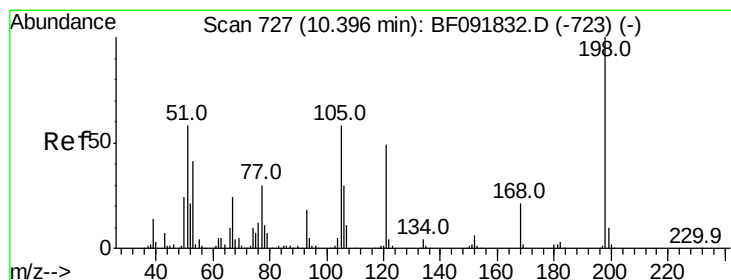
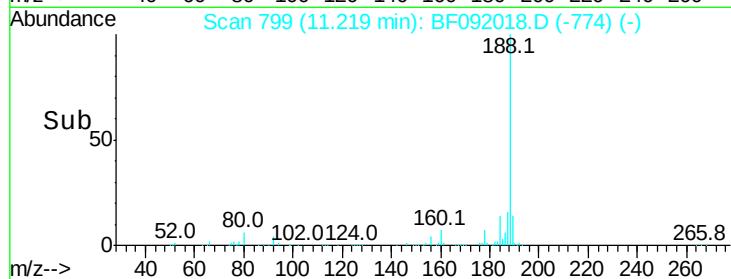
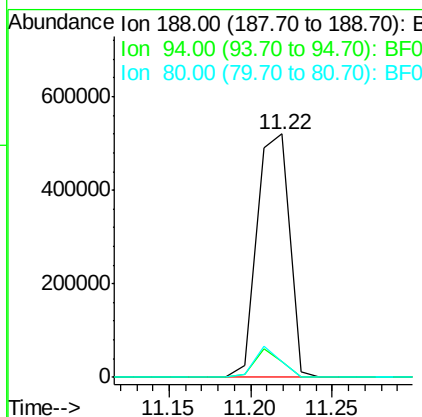
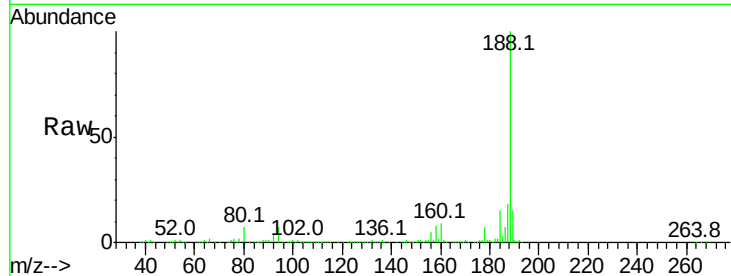
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.22 min Scan# 799
Delta R.T. -0.01 min
Lab File: BF092018.D
Acq: 29 Dec 2016 12:01

Instrument :
BNA_F
ClientSampleId :
PB95654BS

Tot Ion	Ratio	Resp	Lower	Upper
188	100	721152		
94	6.6	10.0	15.0#	
80	6.7	11.2	16.8#	

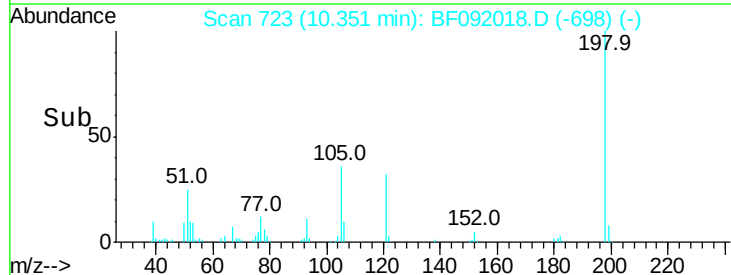
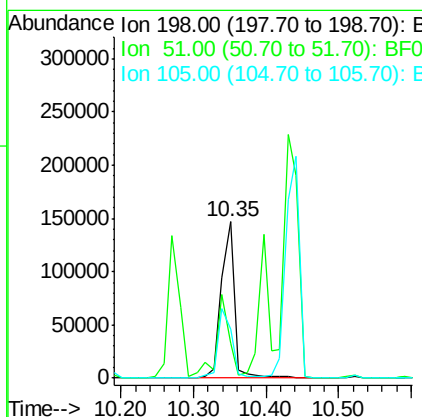
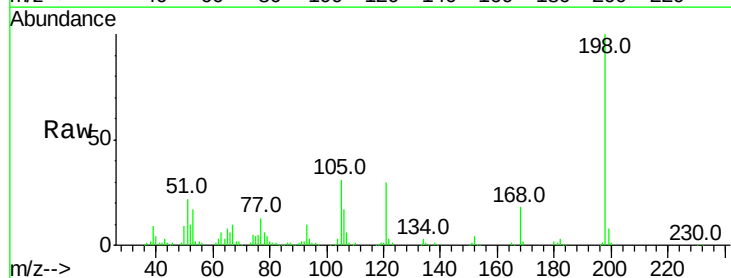
Manual Integrations
APPROVED

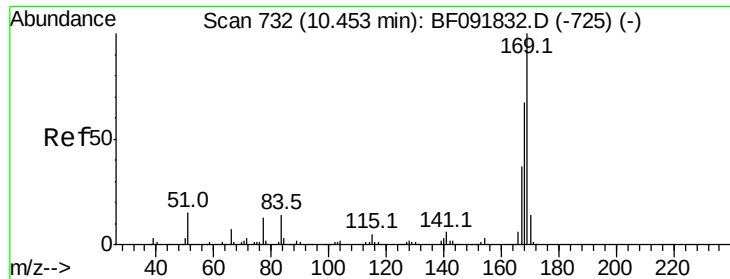
Sohil
12/30/2016 8:41:42 AM



#64
4,6-Dinitro-2-methylphenol
Concen: 43.20 ng
RT: 10.35 min Scan# 723
Delta R.T. -0.01 min
Lab File: BF092018.D
Acq: 29 Dec 2016 12:01

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	188378		
51	22.4	6.7	46.7	
105	31.5	16.6	56.6	





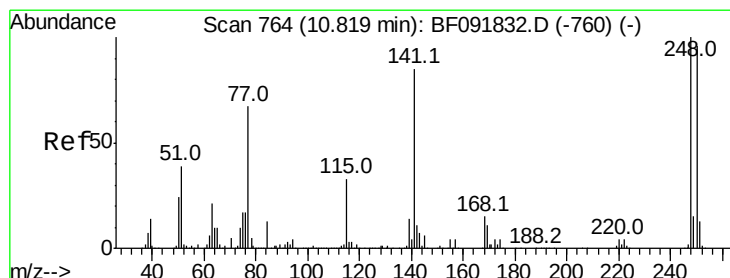
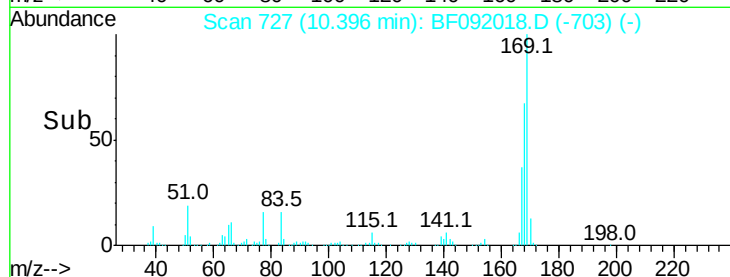
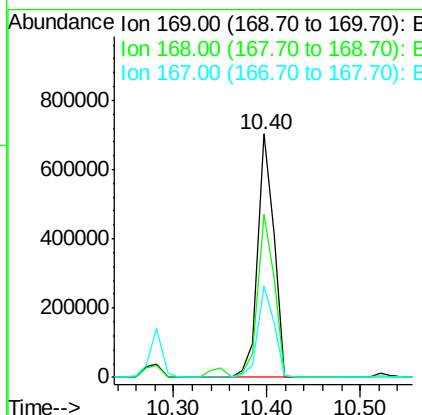
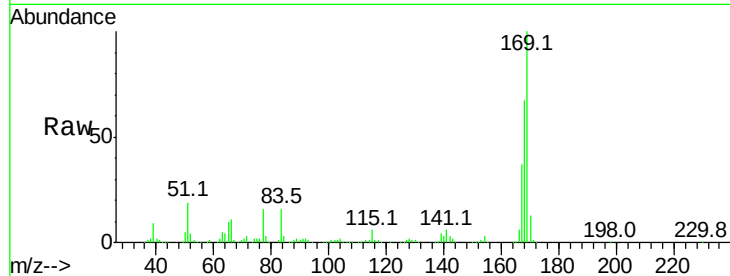
#65
n-Nitrosodiphenylamine
Concen: 39.80 ng
RT: 10.40 min Scan# 727
Delta R.T. -0.02 min
Lab File: BF092018.D
Acq: 29 Dec 2016 12:01

Instrument :
BNA_F
ClientSampleId :
PB95654BS

Tot Ion	Ratio	Resp	Lower	Upper
169	100	851784		
168	67.2		54.2	81.2
167	37.4		30.2	45.4

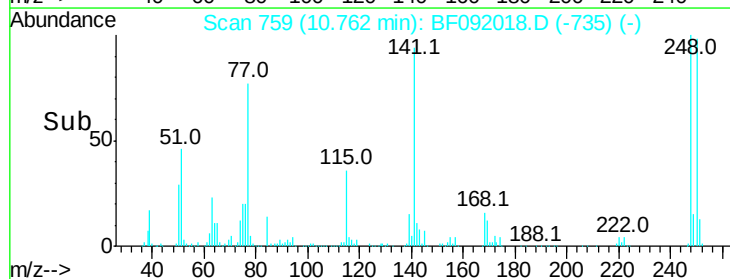
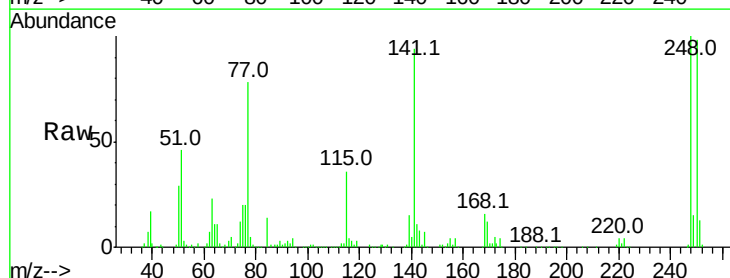
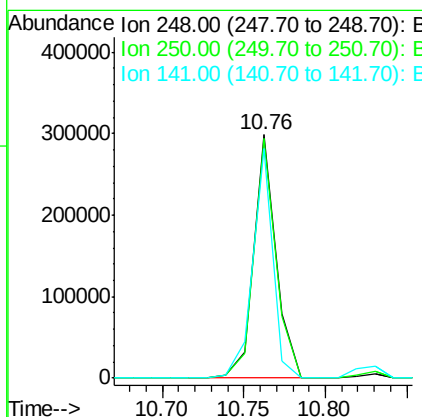
Manual Integrations
APPROVED

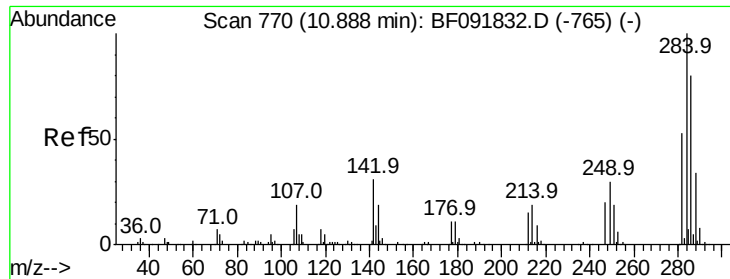
Sohil
12/30/2016 8:41:42 AM



#66
4-Bromophenyl-phenylether
Concen: 37.85 ng
RT: 10.76 min Scan# 759
Delta R.T. -0.02 min
Lab File: BF092018.D
Acq: 29 Dec 2016 12:01

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	283958		
250	98.4		76.9	115.3
141	94.2		68.2	102.4





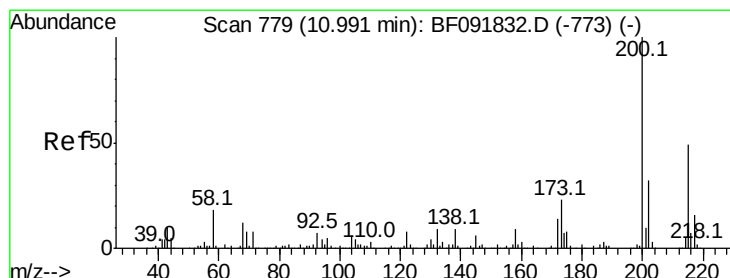
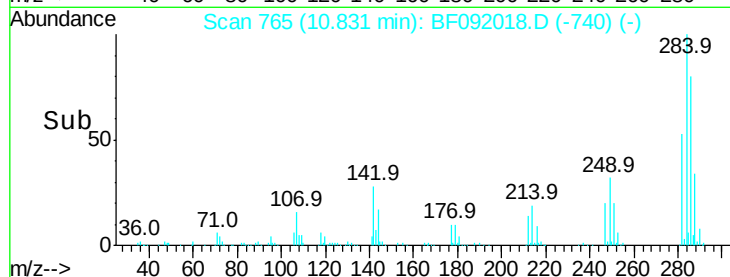
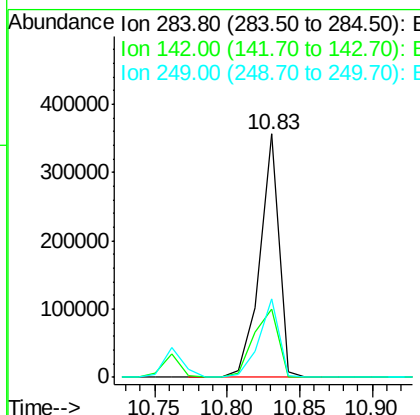
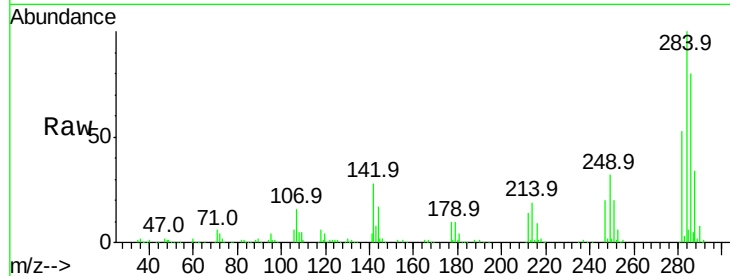
#67
Hexachlorobenzene
Concen: 40.78 ng
RT: 10.83 min Scan# 765
Delta R.T. -0.01 min
Lab File: BF092018.D
Acq: 29 Dec 2016 12:01

Instrument :
BNA_F
ClientSampleId :
PB95654BS

Tot Ion	Ratio	Resp	Lower	Upper
284	100	327004		
142	27.8		22.6	33.8
249	32.0		25.4	38.0

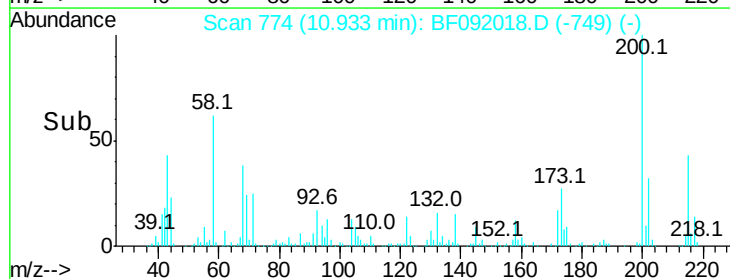
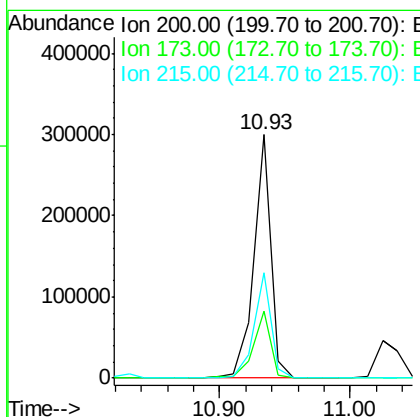
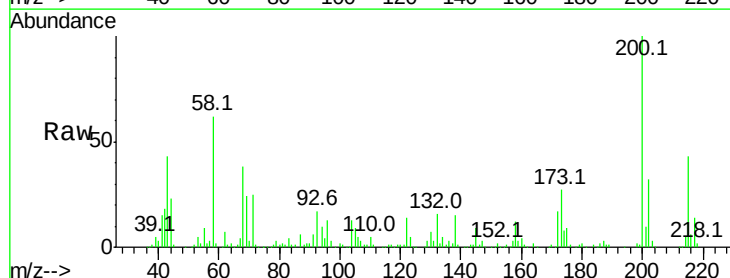
Manual Integrations
APPROVED

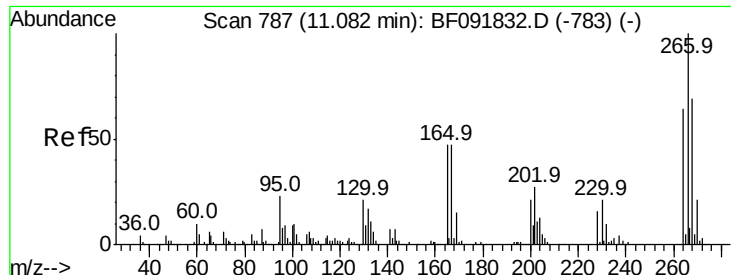
Sohil
12/30/2016 8:41:42 AM



#68
Atrazine
Concen: 39.35 ng
RT: 10.93 min Scan# 774
Delta R.T. -0.01 min
Lab File: BF092018.D
Acq: 29 Dec 2016 12:01

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	271604		
173	27.4		9.6	49.6
215	43.3		25.7	65.7





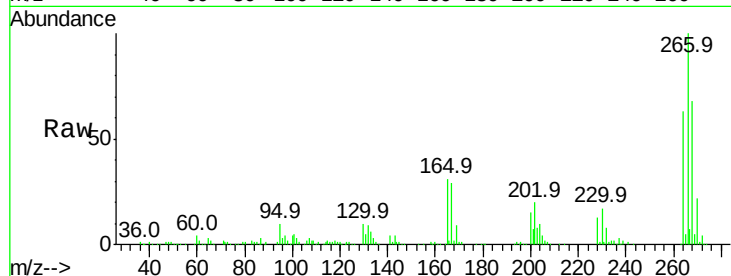
#69
 Pentachlorophenol
 Concen: 80.45 ng
 RT: 11.04 min Scan# 783
 Delta R.T. -0.01 min
 Lab File: BF092018.D
 Acq: 29 Dec 2016 12:01

Instrument :
 BNA_F
 ClientSampleId :
 PB95654BS

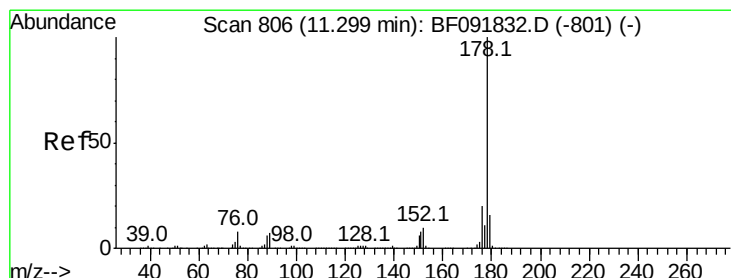
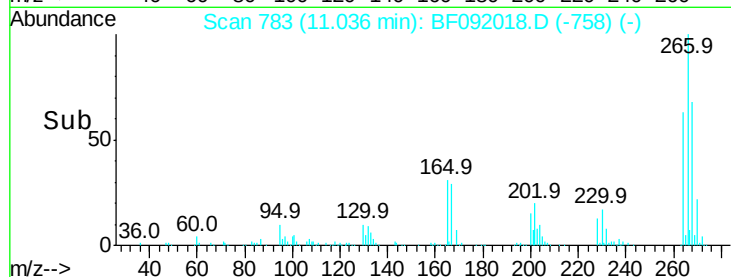
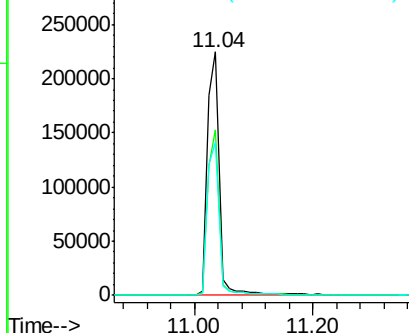
Tot Ion	Ratio	Resp	Lower	Upper
266	100	316540		
268	67.9	53.3	79.9	
264	62.6	50.3	75.5	

Manual Integrations
 APPROVED

Sohil
 12/30/2016 8:41:42 AM

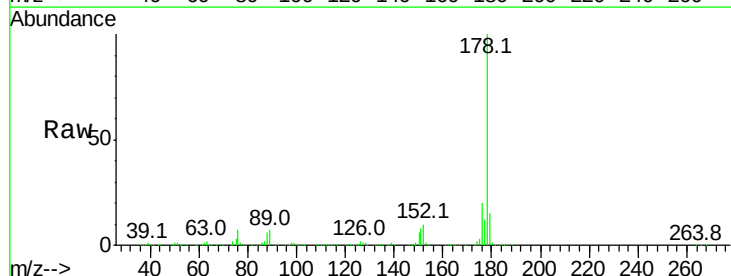


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

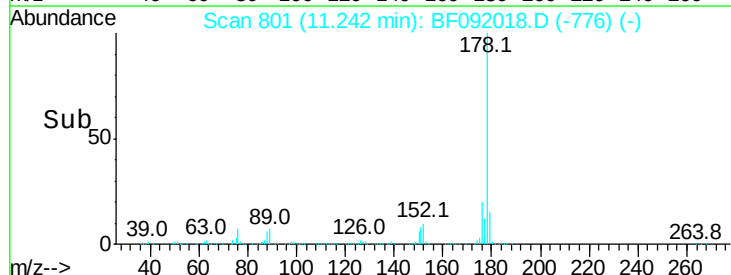
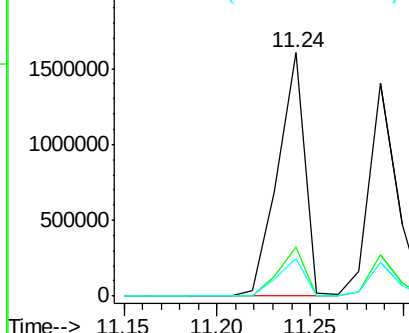


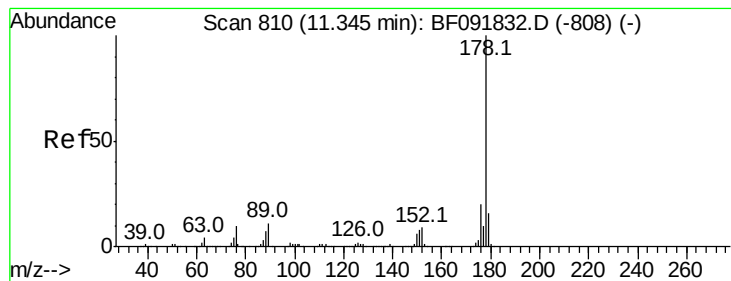
#70
 Phenanthrene
 Concen: 41.48 ng
 RT: 11.24 min Scan# 801
 Delta R.T. -0.01 min
 Lab File: BF092018.D
 Acq: 29 Dec 2016 12:01

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	1622085		
176	20.0	16.6	25.0	
179	15.4	12.8	19.2	



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





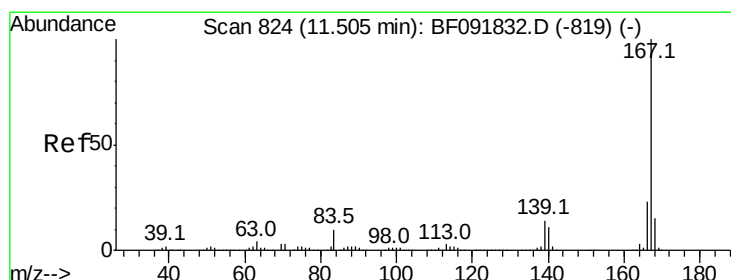
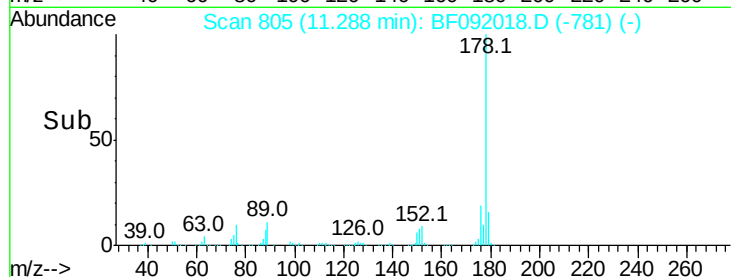
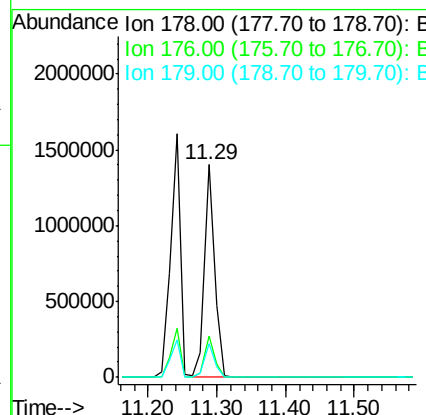
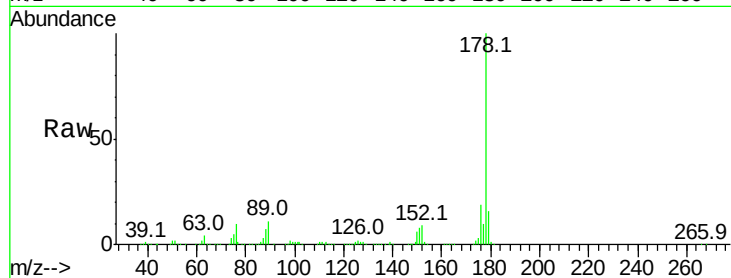
#71
 Anthracene
 Concen: 39.00 ng
 RT: 11.29 min Scan# 805
 Delta R.T. -0.02 min
 Lab File: BF092018.D
 Acq: 29 Dec 2016 12:01

Instrument :
 BNA_F
 ClientSampleId :
 PB95654BS

Tot Ion:178 Resp: 1414736
 Ion Ratio Lower Upper
 178 100
 176 19.4 15.9 23.9
 179 15.9 13.2 19.8

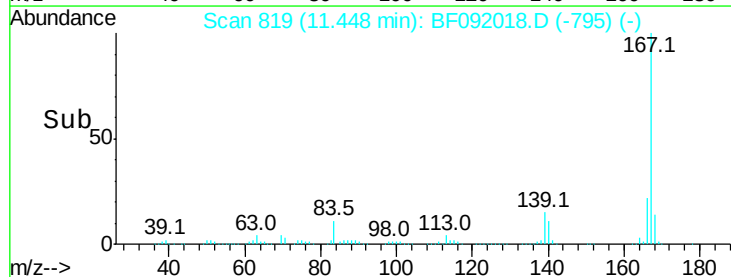
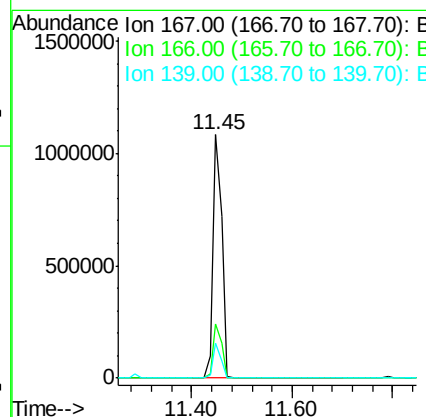
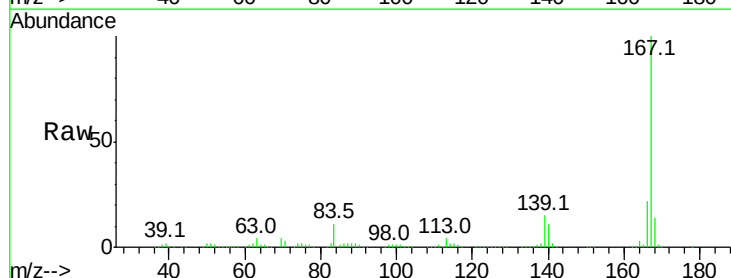
Manual Integrations
 APPROVED

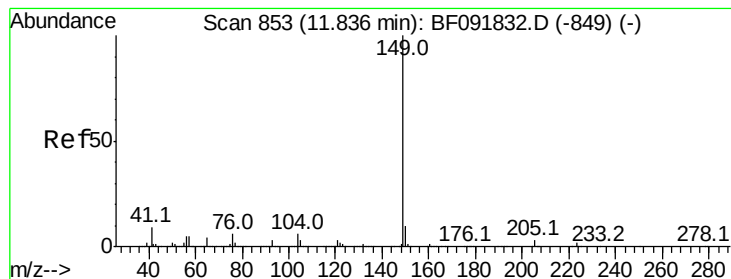
Sohil
 12/30/2016 8:41:42 AM



#72
 Carbazole
 Concen: 39.06 ng
 RT: 11.45 min Scan# 819
 Delta R.T. -0.02 min
 Lab File: BF092018.D
 Acq: 29 Dec 2016 12:01

Tgt Ion:167 Resp: 1331773
 Ion Ratio Lower Upper
 167 100
 166 22.0 18.2 27.2
 139 14.5 11.4 17.2





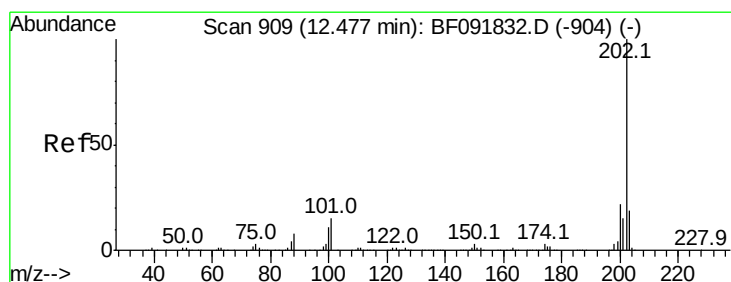
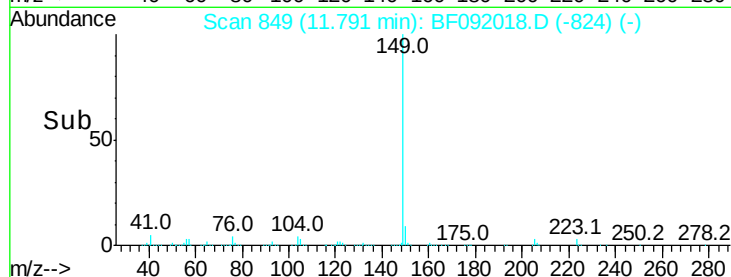
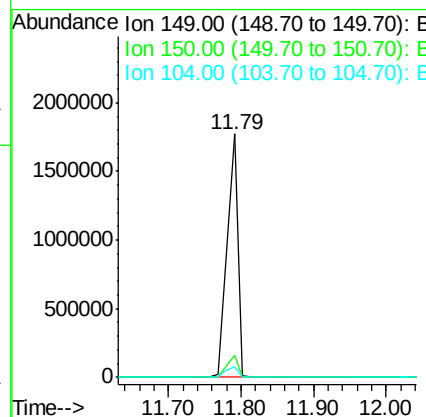
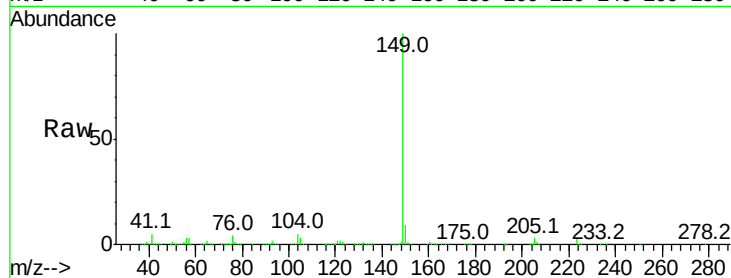
#73
Di-n-butylphthalate
Concen: 49.51 ng
RT: 11.79 min Scan# 849
Delta R.T. -0.01 min
Lab File: BF092018.D
Acq: 29 Dec 2016 12:01

Instrument :
BNA_F
ClientSampleId :
PB95654BS

Tot Ion	Ratio	Lower	Upper
149	100		
150	9.3	8.1	12.1
104	4.5	4.6	7.0

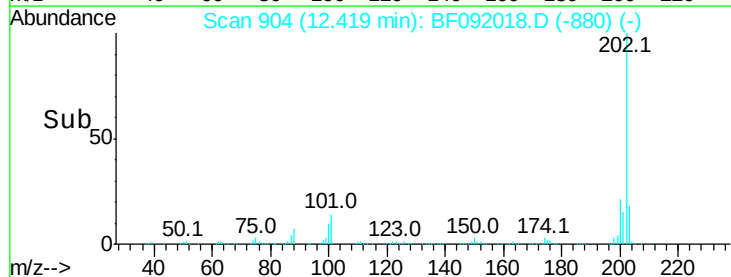
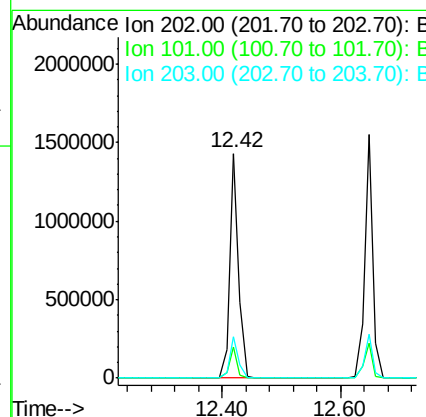
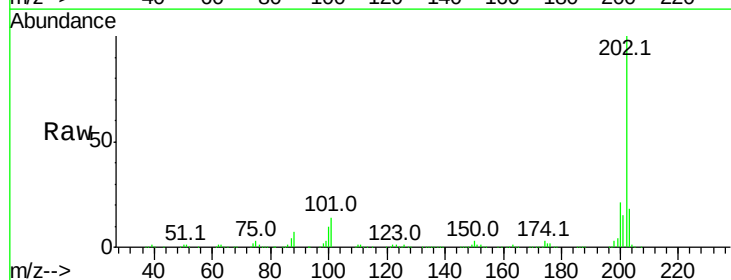
Manual Integrations
APPROVED

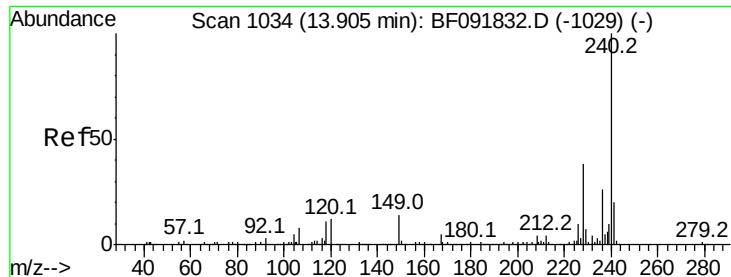
Sohil
12/30/2016 8:41:42 AM



#74
Fluoranthene
Concen: 42.47 ng
RT: 12.42 min Scan# 904
Delta R.T. -0.02 min
Lab File: BF092018.D
Acq: 29 Dec 2016 12:01

Tgt Ion	Ratio	Lower	Upper
202	100		
101	13.7	0.0	34.6
203	18.3	0.0	38.7





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.85 min Scan# 1029

Delta R.T. -0.02 min

Lab File: BF092018.D

Acq: 29 Dec 2016 12:01

Instrument :

BNA_F

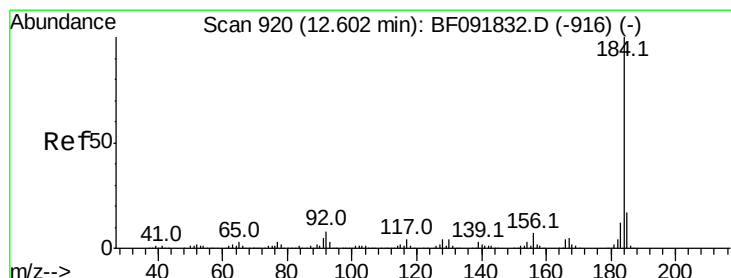
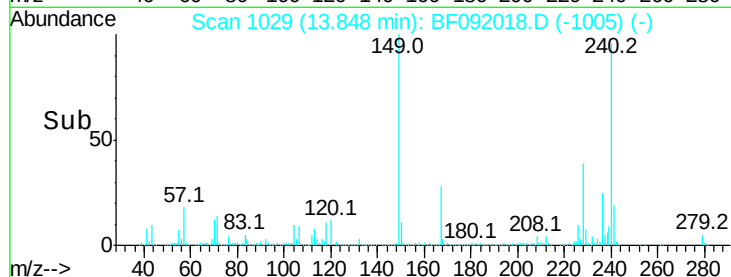
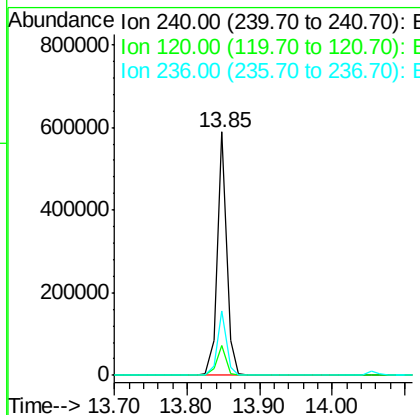
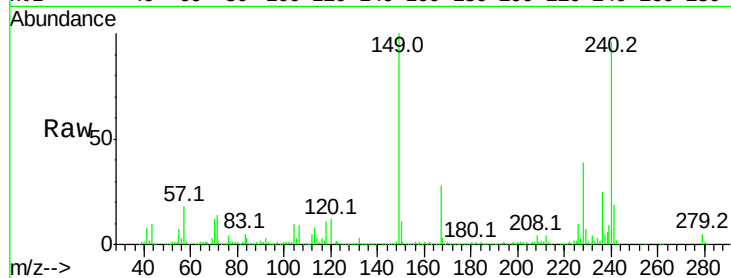
ClientSampleId :

PB95654BS

Tot Ion	Ratio	Resp	Lower	Upper
240	100	530010		
120	12.4		12.9	19.3#
236	26.2		20.9	31.3

Manual Integrations
APPROVED

Sohil
12/30/2016 8:41:42 AM



#76

Benzidine

Concen: 23.97 ng

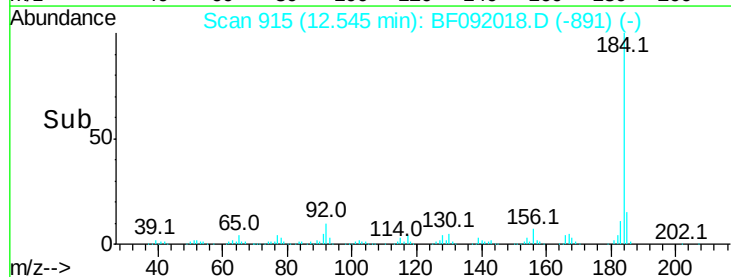
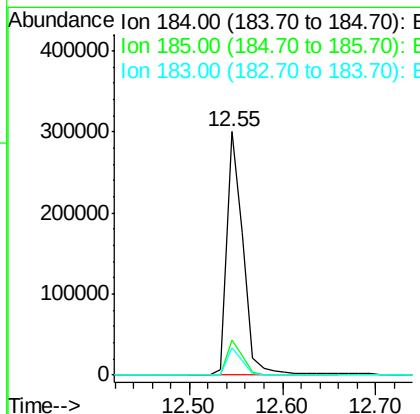
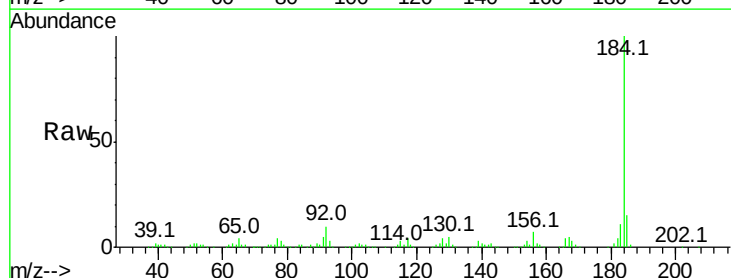
RT: 12.55 min Scan# 915

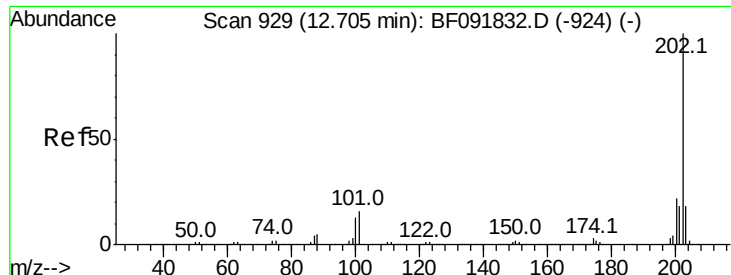
Delta R.T. -0.02 min

Lab File: BF092018.D

Acq: 29 Dec 2016 12:01

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	366583		
185	14.5		13.4	20.0
183	11.3		9.2	13.8





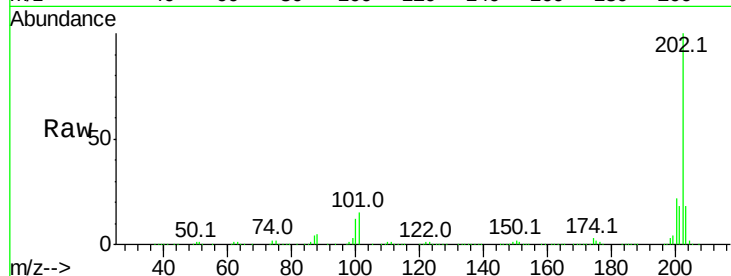
#77
Pvrene
Concen: 37.79 ng
RT: 12.65 min Scan# 924
Delta R.T. -0.02 min
Lab File: BF092018.D
Acq: 29 Dec 2016 12:01

Instrument :
BNA_F
ClientSampleId :
PB95654BS

Tot Ion	Ratio	Lower	Upper
202	100		
200	21.9	17.7	26.5
203	18.0	14.7	22.1

Manual Integrations
APPROVED

Sohil
12/30/2016 8:41:42 AM

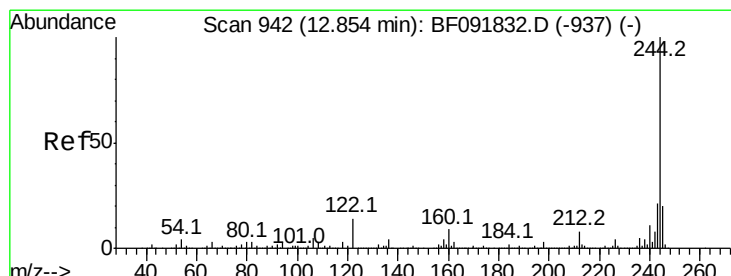
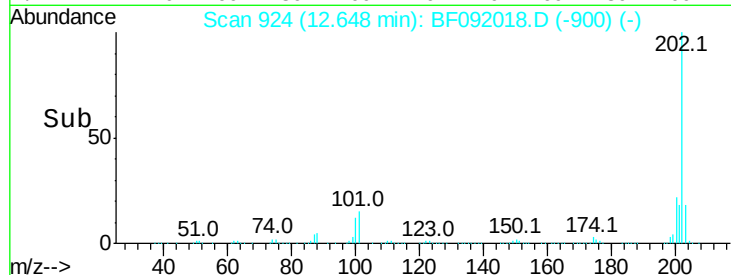
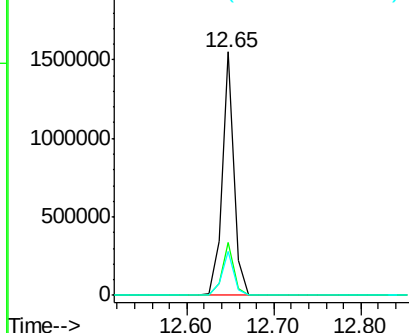


Abundance

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: 75.76 ng
RT: 12.80 min Scan# 937
Delta R.T. -0.02 min
Lab File: BF092018.D
Acq: 29 Dec 2016 12:01

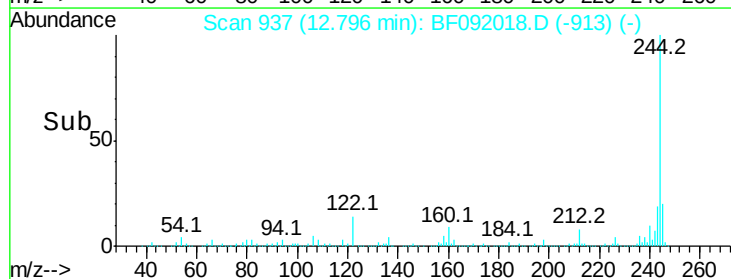
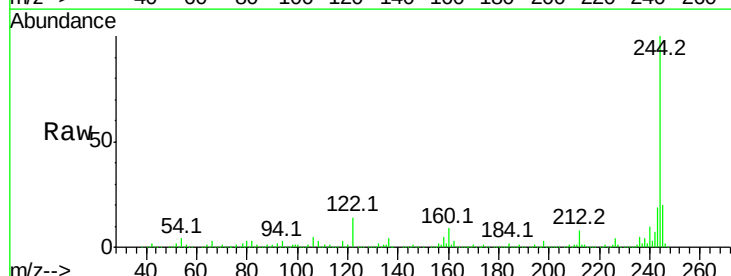
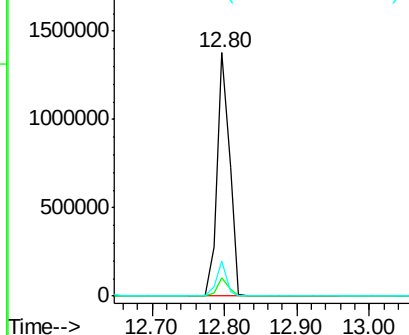
Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.6	6.2	9.2
122	14.1	11.4	17.2

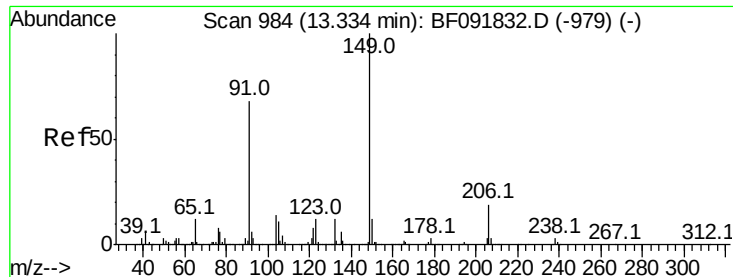
Abundance

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





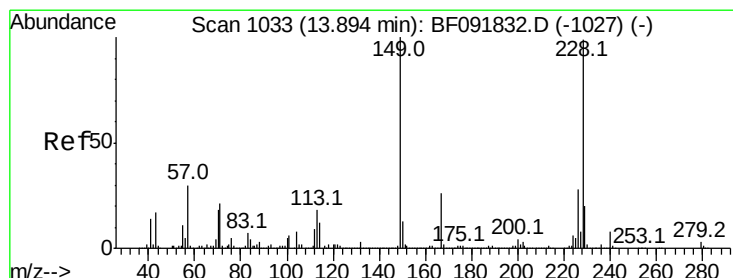
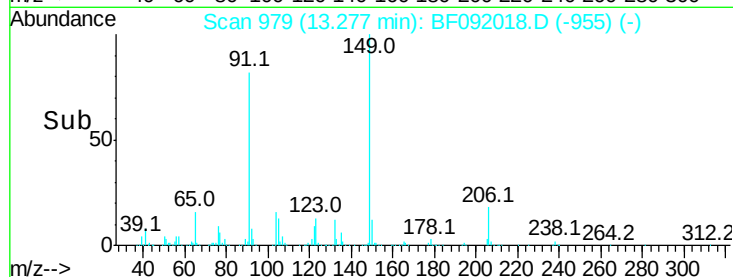
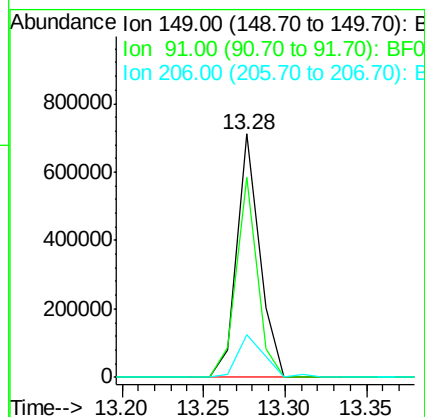
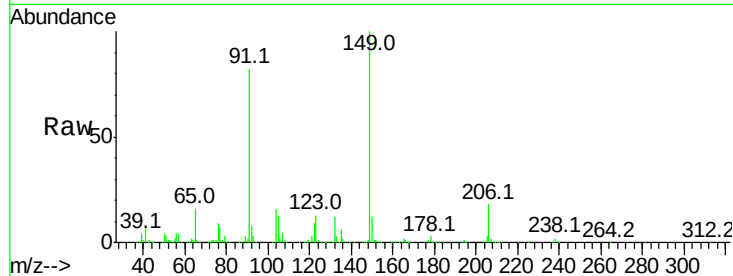
#79
Butylbenzylphthalate
Concen: 38.73 ng
RT: 13.28 min Scan# 979
Delta R.T. -0.02 min
Lab File: BF092018.D
Acq: 29 Dec 2016 12:01

Instrument :
BNA_F
ClientSampleId :
PB95654BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	684999		
91	82.0	63.9	95.9	
206	17.6	14.6	21.8	

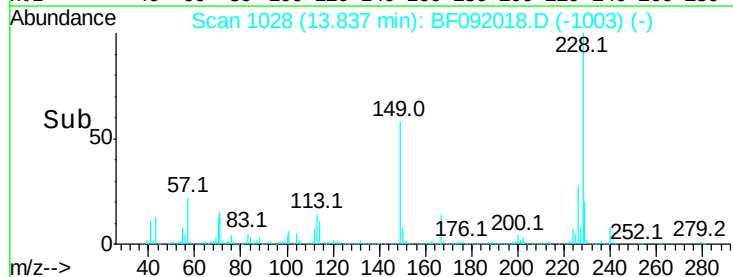
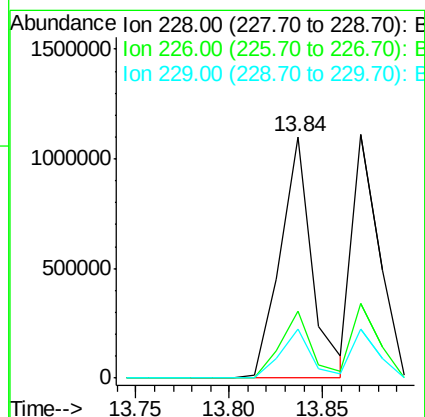
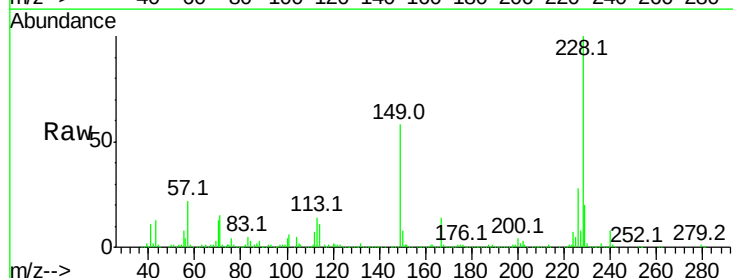
Manual Integrations
APPROVED

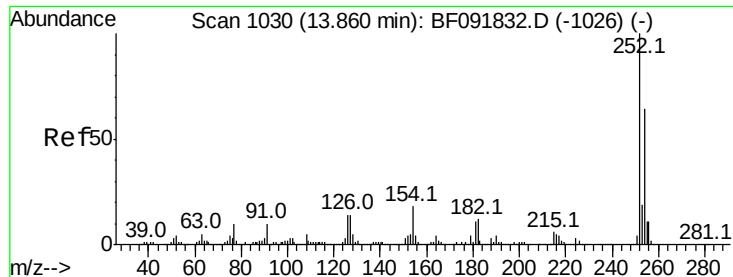
Sohil
12/30/2016 8:41:42 AM



#80
Benzo(a)anthracene
Concen: 43.72 ng
RT: 13.84 min Scan# 1028
Delta R.T. -0.01 min
Lab File: BF092018.D
Acq: 29 Dec 2016 12:01

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	1307972		
226	27.9	22.4	33.6	
229	20.2	16.2	24.4	





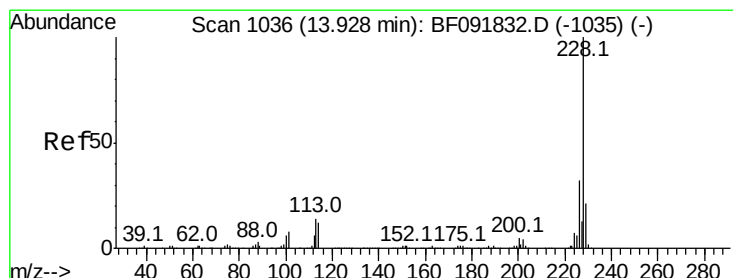
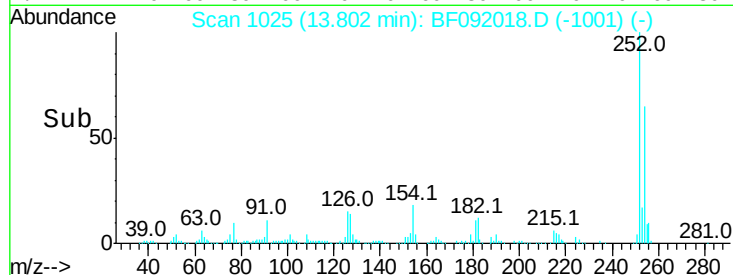
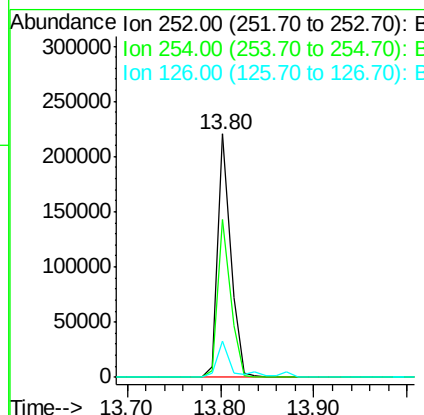
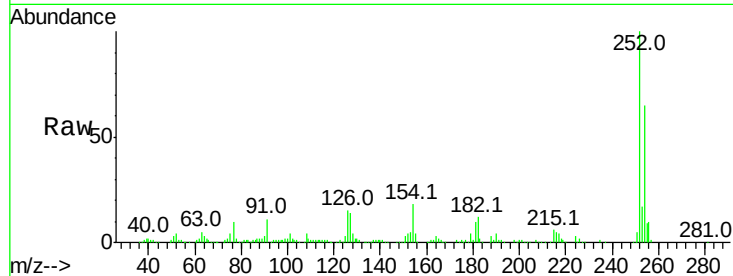
#81
 3,3'-Dichlorobenzidine
 Concen: 18.72 ng
 RT: 13.80 min Scan# 1025
 Delta R.T. -0.02 min
 Lab File: BF092018.D
 Acq: 29 Dec 2016 12:01

Instrument :
 BNA_F
 ClientSampleId :
 PB95654BS

Tot Ion	Ratio	Resp	Lower	Upper
252	100	212351		
254	64.6	52.3	78.5	
126	14.6	13.6	20.4	

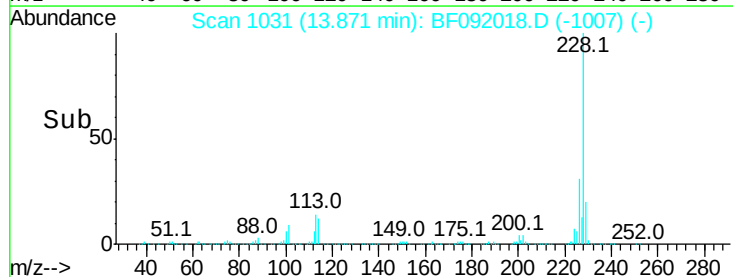
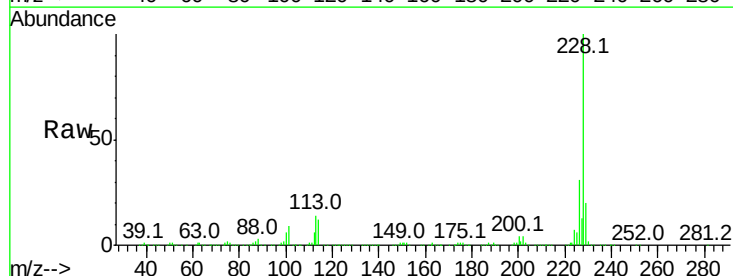
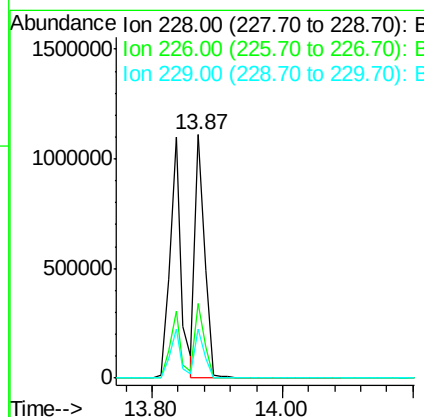
Manual Integrations
 APPROVED

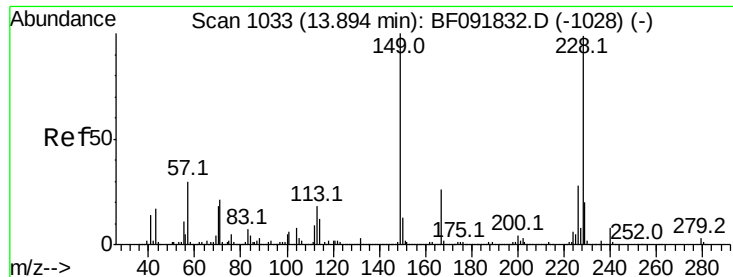
Sohil
 12/30/2016 8:41:42 AM



#82
 Chrysene
 Concen: 37.55 ng
 RT: 13.87 min Scan# 1031
 Delta R.T. -0.02 min
 Lab File: BF092018.D
 Acq: 29 Dec 2016 12:01

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	1126863		
226	30.8	25.4	38.0	
229	20.4	16.2	24.2	





#83

Bis(2-ethylhexyl)phthalate

Concen: 42.65 ng

RT: 13.84 min Scan# 1028

Delta R.T. -0.02 min

Lab File: BF092018.D

Acq: 29 Dec 2016 12:01

Instrument :

BNA_F

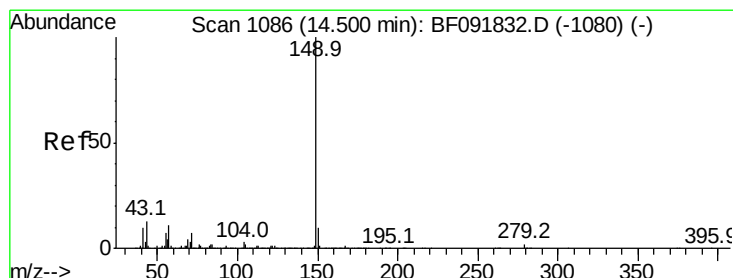
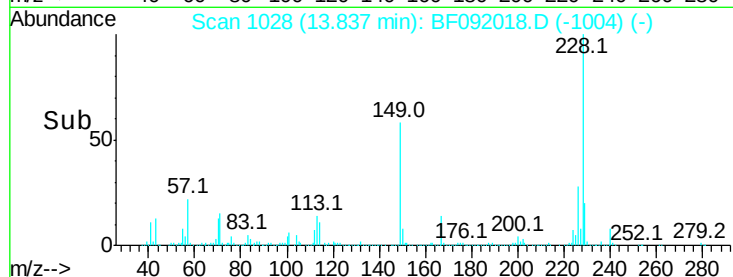
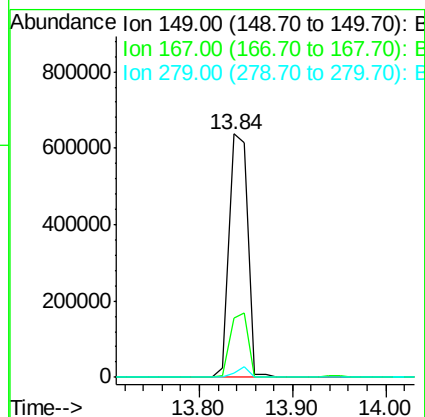
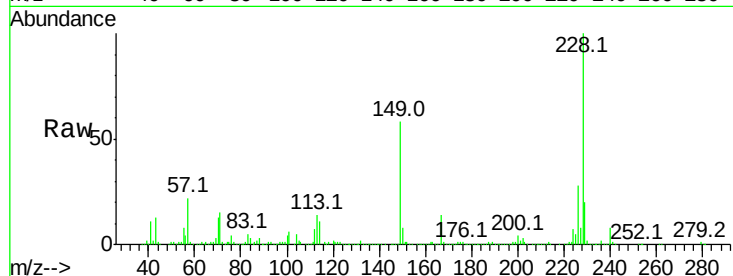
ClientSampleId :

PB95654BS

Tot Ion:	149	Resp:	888272
Ion Ratio		Lower	Upper
149	100		
167	24.6	20.2	30.4
279	2.0	1.8	2.8

Manual Integrations
APPROVED

Sohil
12/30/2016 8:41:42 AM



#84

Di-n-octyl phthalate

Concen: 44.19 ng

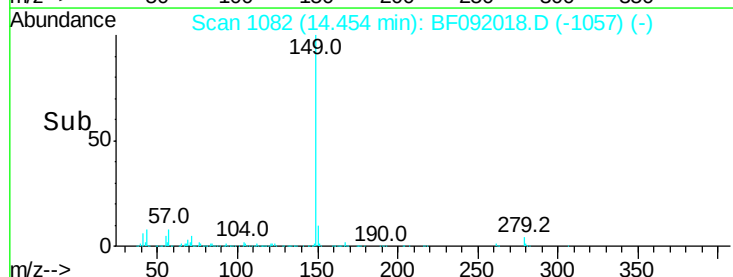
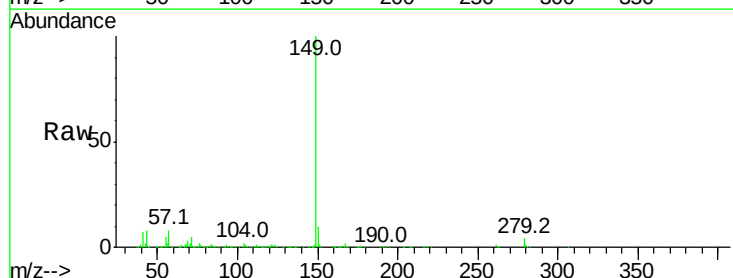
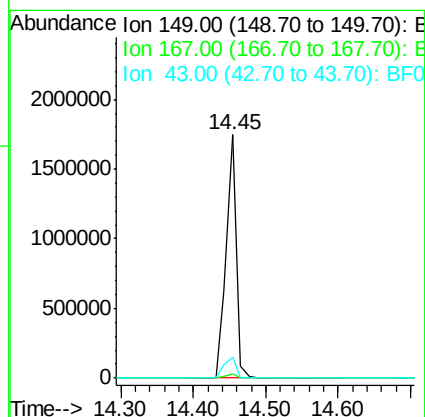
RT: 14.45 min Scan# 1082

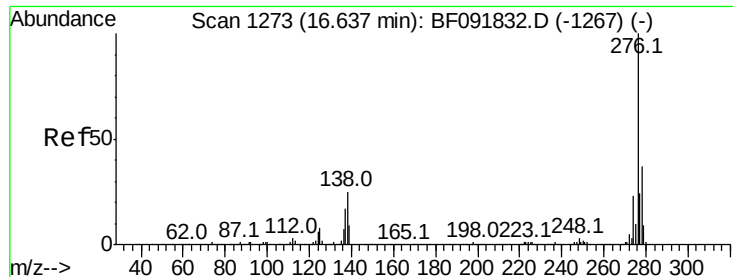
Delta R.T. -0.01 min

Lab File: BF092018.D

Acq: 29 Dec 2016 12:01

Tgt Ion:	149	Resp:	1705087
Ion Ratio		Lower	Upper
149	100		
167	1.6	1.3	1.9
43	10.1	8.9	13.3





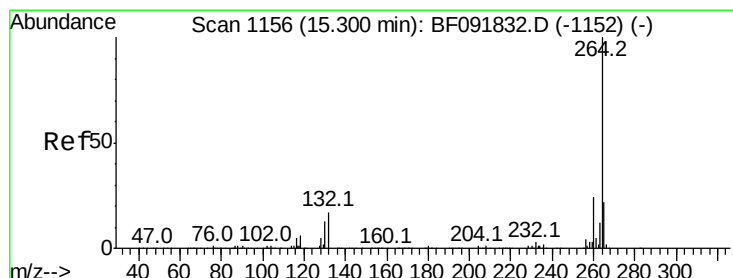
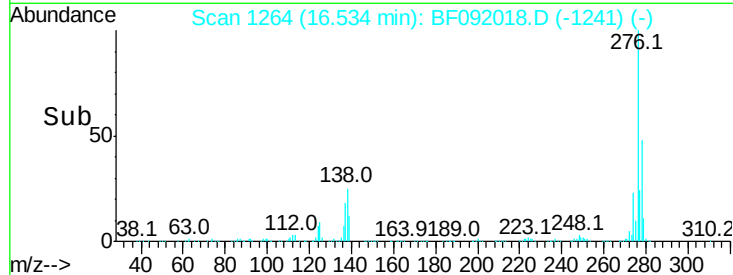
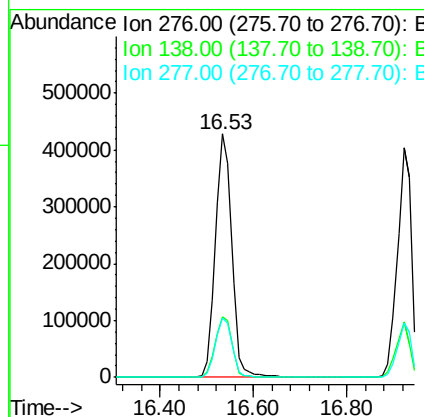
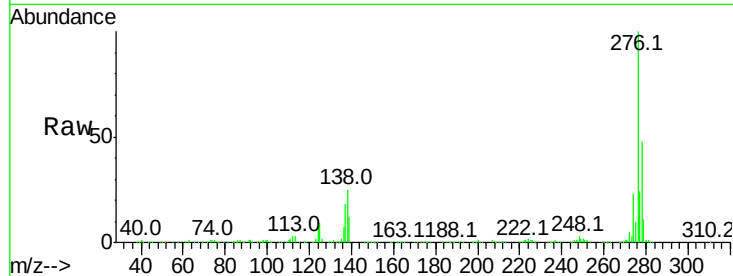
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 40.60 ng
 RT: 16.53 min Scan# 1264
 Delta R.T. -0.03 min
 Lab File: BF092018.D
 Acq: 29 Dec 2016 12:01

Instrument :
 BNA_F
 ClientSampleId :
 PB95654BS

Tot Ion	Ratio	Lower	Upper
276	100		
138	26.0	21.8	32.6
277	24.8	20.2	30.4

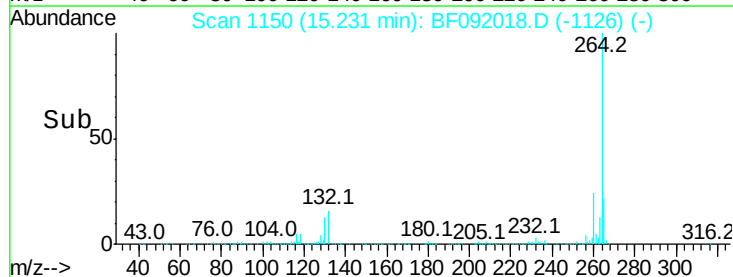
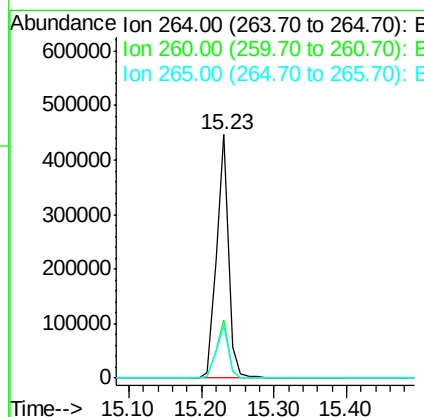
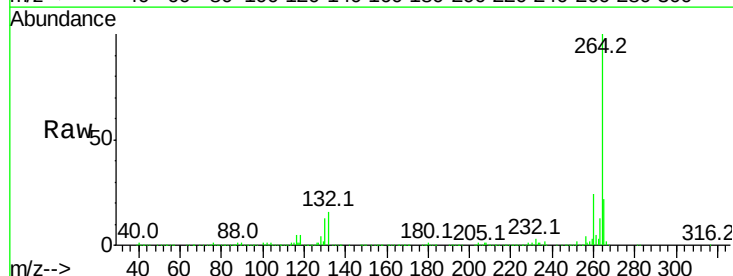
Manual Integrations
 APPROVED

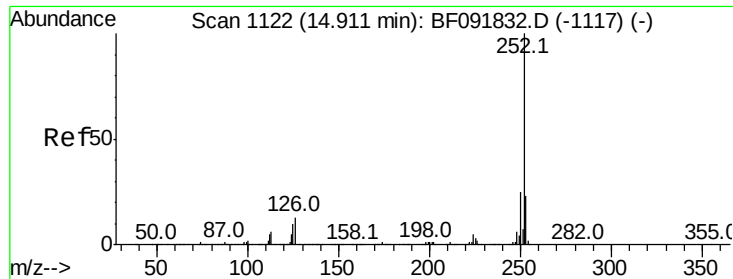
Sohil
 12/30/2016 8:41:42 AM



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.23 min Scan# 1150
 Delta R.T. -0.02 min
 Lab File: BF092018.D
 Acq: 29 Dec 2016 12:01

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.2	28.8
265	21.7	17.4	26.0





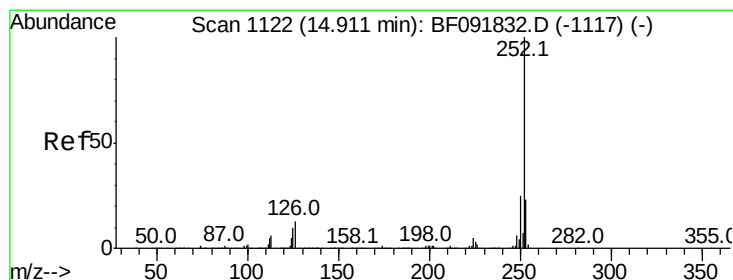
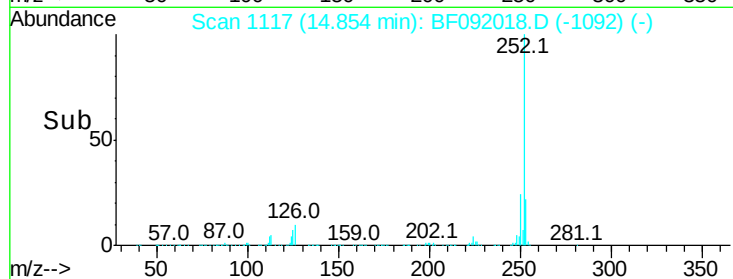
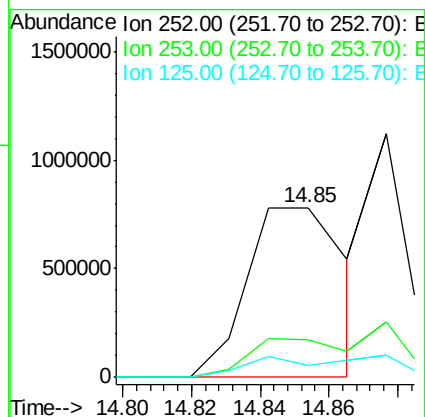
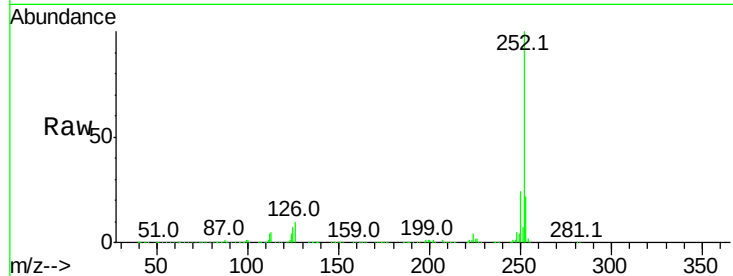
#87
Benzo(b)fluoranthene
Concen: 48.95 ng m
RT: 14.85 min Scan# 1117
Delta R.T. -0.01 min
Lab File: BF092018.D
Acq: 29 Dec 2016 12:01

Instrument :
BNA_F
ClientSampled :
PB95654BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.8	18.2	27.4
125	7.3	9.8	14.6

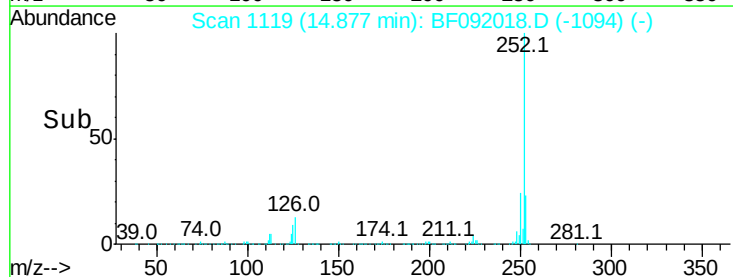
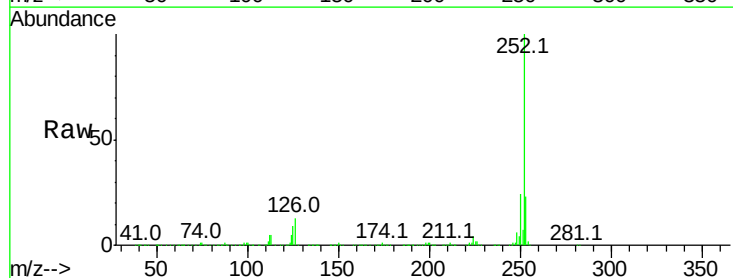
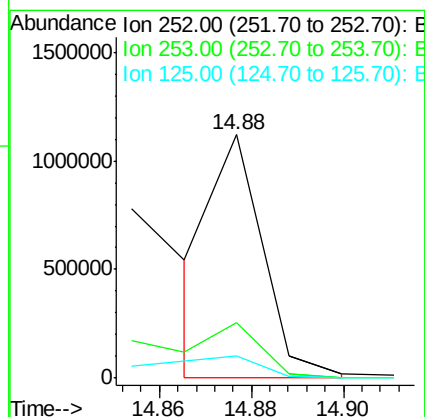
Manual Integrations
APPROVED

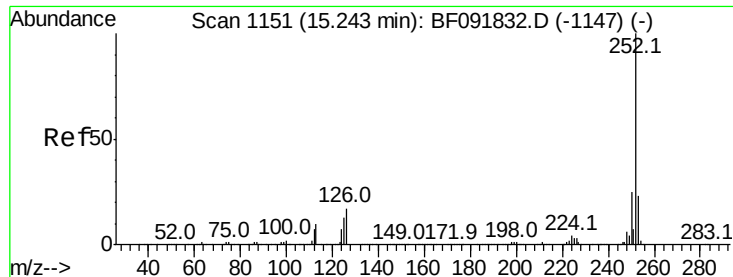
Sohil
12/30/2016 8:41:42 AM



#88
Benzo(k)fluoranthene
Concen: 31.16 ng m
RT: 14.88 min Scan# 1119
Delta R.T. -0.01 min
Lab File: BF092018.D
Acq: 29 Dec 2016 12:01

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.6	18.5	27.7
125	9.0	8.9	13.3





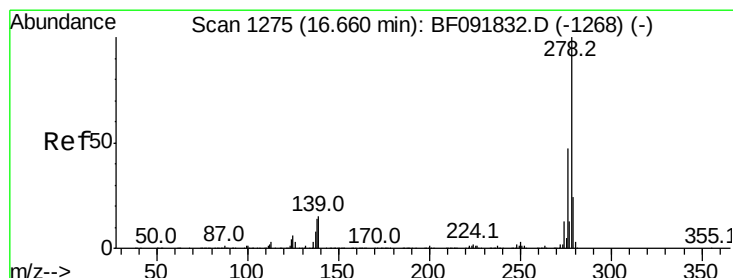
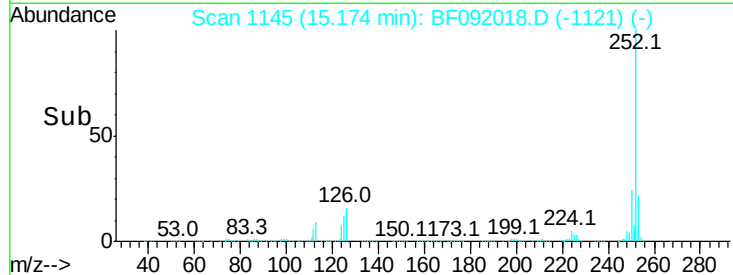
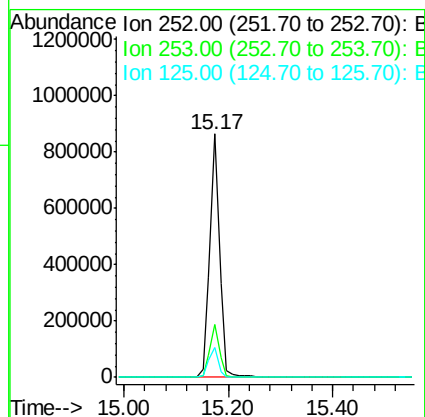
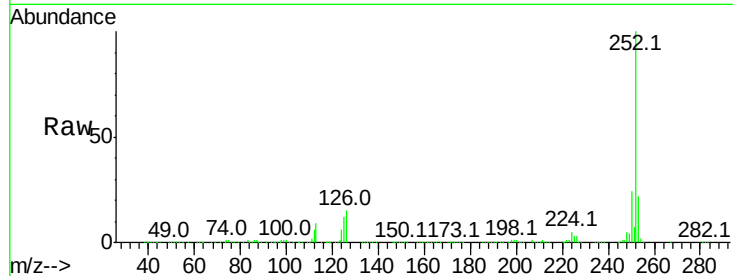
#89
Benzo(a)pyrene
Concen: 39.73 ng
RT: 15.17 min Scan# 1145
Delta R.T. -0.02 min
Lab File: BF092018.D
Acq: 29 Dec 2016 12:01

Instrument :
BNA_F
ClientSampled :
PB95654BS

Tot Ion:	252	Resp:	1129547
Ion Ratio	Lower	Upper	
252	100		
253	21.9	18.2	27.2
125	12.3	10.0	15.0

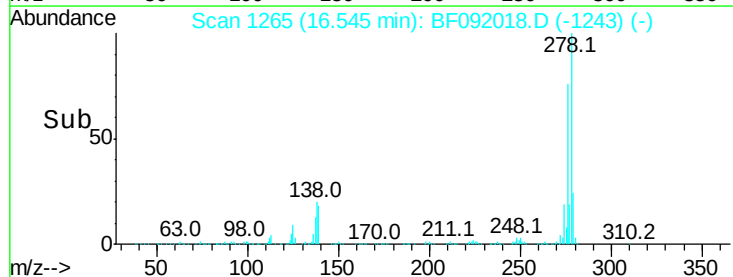
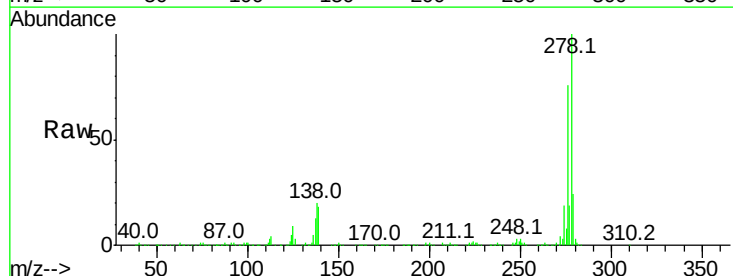
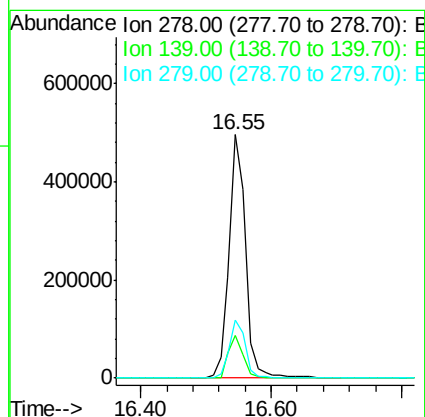
Manual Integrations
APPROVED

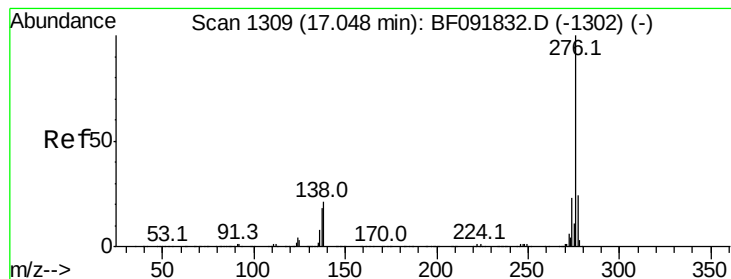
Sohil
12/30/2016 8:41:42 AM



#90
Dibenzo(a,h)anthracene
Concen: 37.27 ng
RT: 16.55 min Scan# 1265
Delta R.T. -0.05 min
Lab File: BF092018.D
Acq: 29 Dec 2016 12:01

Tgt Ion:	278	Resp:	871053
Ion Ratio	Lower	Upper	
278	100		
139	17.7	14.8	22.2
279	23.9	19.8	29.6





#91

Benzo(a,h,i)perylene

Concen: 35.84 ng

RT: 16.92 min Scan# 1298

Delta R.T. -0.05 min

Lab File: BF092018.D

Acq: 29 Dec 2016 12:01

Instrument :

BNA_F

ClientSampleId :

PB95654BS

Tot Ion: 276 Resp: 871005

Ion Ratio Lower Upper

276 100

277 23.7 19.2 28.8

138 24.4 16.0 24.0#

Manual Integrations

APPROVED

Sohil

12/30/2016 8:41:42 AM

