

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF082516\
 Data File : BF089911.D
 Acq On : 25 Aug 2016 15:06
 Operator : UM/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Manual Integrations
 APPROVED

sohil
 8/25/2016 7:42:32 PM

Quant Time: Aug 25 19:30:01 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 19 14:02:57 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.66	152	668707	20.00	ng	-0.02
21) Naphthalene-d8	7.95	136	2690358	20.00	ng	-0.02
38) Acenaphthene-d10	9.70	164	1286783	20.00	ng	-0.01
63) Phenanthrene-d10	11.18	188	2296495	20.00	ng	-0.01
75) Chrysene-d12	13.84	240	1624429	20.00	ng	-0.03
86) Perylene-d12	15.29	264	1523832	20.00	ng	-0.08

System Monitoring Compounds

5) 2-Fluorophenol	5.23	112	2986542	76.59	ng	-0.02
7) Phenol-d6	6.31	99	3536288	73.88	ng	-0.01
23) Nitrobenzene-d5	7.23	82	3025775	69.87	ng	-0.02
41) 2,4,6-Tribromophenol	10.49	330	964077	78.84	ng	-0.01
44) 2-Fluorobiphenyl	9.03	172	5357823	73.18	ng	-0.02
78) Terphenyl-d14	12.76	244	3993421	55.62	ng	-0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.10	88	785606	40.71	ng	92
3) Pyridine	2.74	79	2046078	40.42	ng	90
4) n-Nitrosodimethylamine	2.71	42	748844	39.74	ng	# 76
6) Aniline	6.33	93	2482079	38.66	ng	98
8) 2-Chlorophenol	6.44	128	1785260	38.28	ng	87
9) Benzaldehyde	6.20	77	1159474	37.19	ng	79
10) Phenol	6.32	94	1844536	32.88	ng	88
11) bis(2-Chloroethyl)ether	6.41	93	1843029	42.37	ng	93
12) 1,3-Dichlorobenzene	6.60	146	2046569m	41.98	ng	
13) 1,4-Dichlorobenzene	6.68	146	1963804m	39.19	ng	
14) 1,2-Dichlorobenzene	6.83	146	1760712	37.64	ng	95
15) Benzyl Alcohol	6.81	79	1062129	33.46	ng	94
16) 2,2'-oxybis(1-Chloropropan	6.95	45	2170084	38.98	ng	92
17) 2-Methylphenol	6.94	107	1539776	42.16	ng	95
18) Hexachloroethane	7.18	117	715928	40.06	ng	96
19) n-Nitroso-di-n-propylamine	7.10	70	1015886	33.18	ng	# 87
20) 3+4-Methylphenols	7.10	107	1784013	39.84	ng	# 45
22) Acetophenone	7.08	105	2300003	37.23	ng	# 85
24) Nitrobenzene	7.26	77	1962309	40.39	ng	# 88
25) Isophorone	7.50	82	3296369	37.74	ng	96
26) 2-Nitrophenol	7.56	139	937769	38.68	ng	# 82
27) 2,4-Dimethylphenol	7.62	122	1769972	40.51	ng	97
28) bis(2-Chloroethoxy)methane	7.71	93	1856281	34.35	ng	96
29) 2,4-Dichlorophenol	7.82	162	1601095	43.68	ng	99
30) 1,2,4-Trichlorobenzene	7.90	180	1576617	38.88	ng	97
31) Naphthalene	7.98	128	4830026	38.41	ng	97
32) Benzoic acid	7.77	122	1370699	40.26	ng	95
33) 4-Chloroaniline	8.02	127	1883603	34.56	ng	# 90
34) Hexachlorobutadiene	8.10	225	826319	38.91	ng	96
35) Caprolactam	8.42	113	455592	40.81	ng	99
36) 4-Chloro-3-methylphenol	8.51	107	1378783	34.73	ng	94
37) 2-Methylnaphthalene	8.66	142	2827163m	34.76	ng	
39) 1,2,4,5-Tetrachlorobenzene	8.83	216	1536419	36.87	ng	97
40) Hexachlorocyclopentadiene	8.82	237	679966	47.00	ng	99

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF082516\
 Data File : BF089911.D
 Acq On : 25 Aug 2016 15:06
 Operator : UM/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

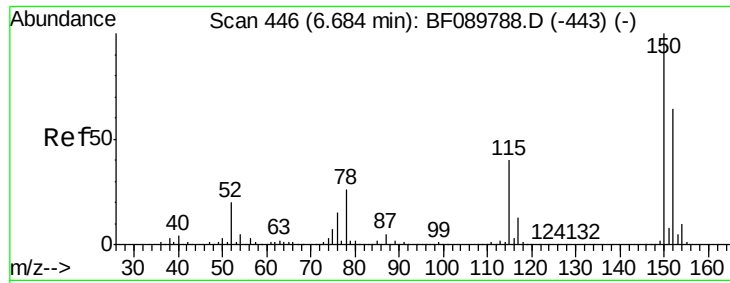
Manual Integrations
 APPROVED

sohil
 8/25/2016 7:42:32 PM

Quant Time: Aug 25 19:30:01 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 19 14:02:57 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.95	196	1088858	41.54	ng	99
43) 2,4,5-Trichlorophenol	8.98	196	1047587	40.18	ng	96
45) 1,1'-Biphenyl	9.13	154	3350100	33.64	ng	94
46) 2-Chloronaphthalene	9.15	162	3168216	40.25	ng	95
47) 2-Nitroaniline	9.24	65	816243	36.36	ng	89
48) Acenaphthylene	9.56	152	4706664	39.79	ng	95
49) Dimethylphthalate	9.44	163	3372668	37.22	ng	98
50) 2,6-Dinitrotoluene	9.50	165	784421	37.50	ng	99
51) Acenaphthene	9.74	154	2906428	37.13	ng	98
52) 3-Nitroaniline	9.66	138	1043920	45.05	ng	96
53) 2,4-Dinitrophenol	9.76	184	392428	41.00	ng	95
54) Dibenzofuran	9.91	168	3769275	38.33	ng	97
55) 4-Nitrophenol	9.83	139	853722	45.13	ng	97
56) 2,4-Dinitrotoluene	9.90	165	1074274	39.58	ng	# 79
57) Fluorene	10.25	166	3026548	38.62	ng	98
58) 2,3,4,6-Tetrachlorophenol	10.02	232	720022	37.94	ng	98
59) Diethylphthalate	10.14	149	3415870	37.11	ng	97
60) 4-Chlorophenyl-phenylether	10.25	204	1265213	35.40	ng	# 87
61) 4-Nitroaniline	10.27	138	1023179	47.09	ng	96
62) Azobenzene	10.40	77	3080199	35.60	ng	94
64) 4,6-Dinitro-2-methylphenol	10.31	198	681666	51.65	ng	# 64
65) n-Nitrosodiphenylamine	10.36	169	2535277	35.11	ng	98
66) 4-Bromophenyl-phenylether	10.73	248	844977	35.09	ng	# 74
67) Hexachlorobenzene	10.79	284	1047662	38.14	ng	# 73
68) Atrazine	10.90	200	946219	42.79	ng	97
69) Pentachlorophenol	10.98	266	626477	40.24	ng	97
70) Phenanthrene	11.20	178	3953174	34.08	ng	95
71) Anthracene	11.26	178	4696454	39.83	ng	96
72) Carbazole	11.40	167	4171773	39.45	ng	98
73) Di-n-butylphthalate	11.76	149	5316704	40.18	ng	97
74) Fluoranthene	12.39	202	4746388	43.02	ng	95
76) Benzidine	12.51	184	2577098	49.02	ng	97
77) Pyrene	12.60	202	4238193	32.04	ng	95
79) Butylbenzylphthalate	13.26	149	2655108	44.44	ng	100
80) Benzo(a)anthracene	13.83	228	3874906	41.65	ng	98
81) 3,3'-Dichlorobenzidine	13.79	252	1494878	49.01	ng	99
82) Chrysene	13.86	228	3345658	41.95	ng	97
83) Bis(2-ethylhexyl)phthalate	13.85	149	3403590	41.36	ng	96
84) Di-n-octyl phthalate	14.51	149	5388305	49.27	ng	# 94
85) Indeno(1,2,3-cd)pyrene	16.58	276	3357090	32.99	ng	100
87) Benzo(b)fluoranthene	14.91	252	3462139m	41.30	ng	
88) Benzo(k)fluoranthene	14.95	252	3375358m	44.38	ng	
89) Benzo(a)pyrene	15.25	252	3218190	40.56	ng	96
90) Dibenzo(a,h)anthracene	16.59	278	2751816	31.95	ng	96
91) Benzo(g,h,i)perylene	16.96	276	2782059	30.68	ng	98

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



#1

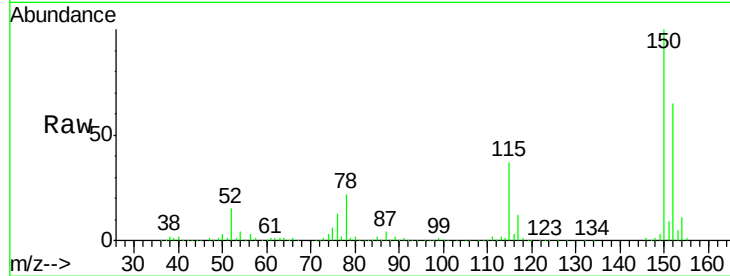
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.66 min Scan# 444
Delta R.T. -0.02 min
Lab File: BF089911.D
Acq: 25 Aug 2016 15:06

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

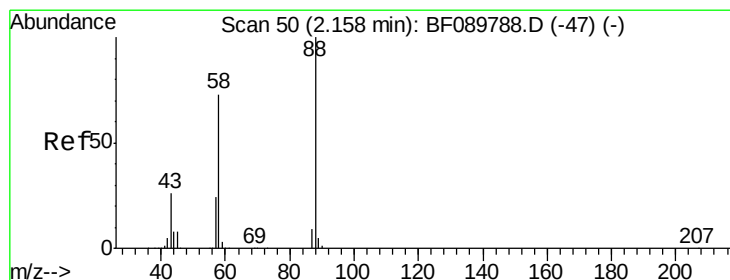
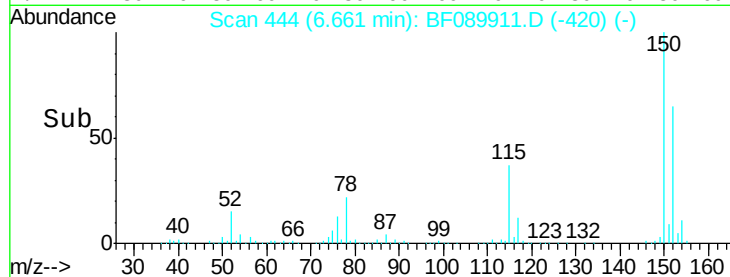
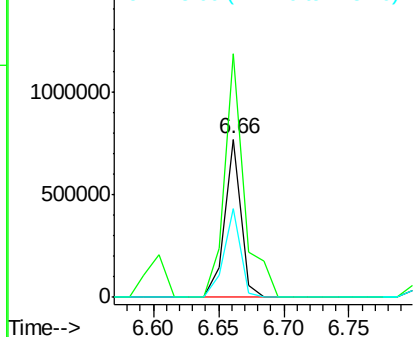
Tgt Ion	Ratio	Lower	Upper
152	100		
150	153.8	125.3	187.9
115	56.2	40.9	61.3

Manual Integrations
APPROVED

sohil
8/25/2016 7:42:32 PM



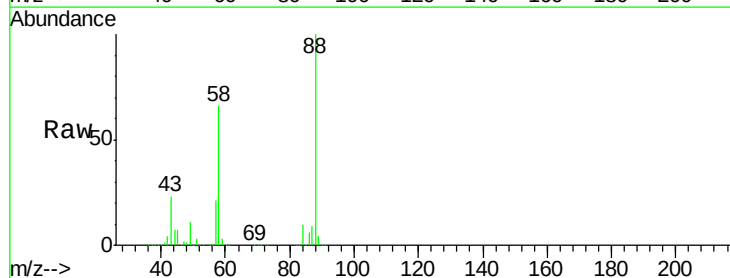
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



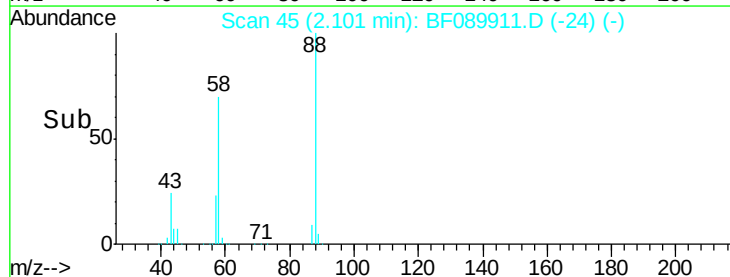
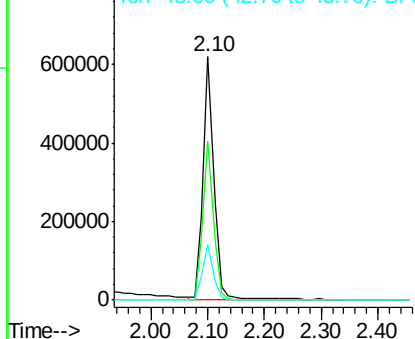
#2

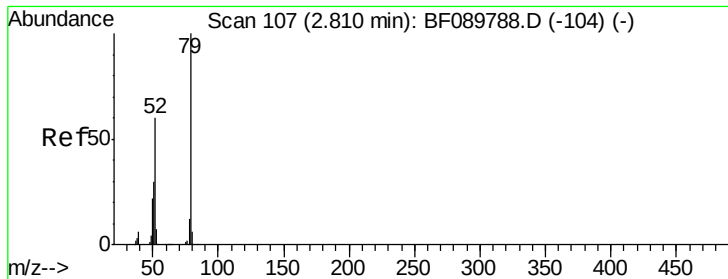
1,4-Dioxane
Concen: 40.71 ng
RT: 2.10 min Scan# 45
Delta R.T. -0.06 min
Lab File: BF089911.D
Acq: 25 Aug 2016 15:06

Tgt Ion	Ratio	Lower	Upper
88	100		
58	64.7	57.0	85.4
43	22.2	21.8	32.8



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

Pyridine

Concen: 40.42 ng

RT: 2.74 min Scan# 101

Delta R.T. -0.07 min

Lab File: BF089911.D

Acq: 25 Aug 2016 15:06

Instrument :

BNA_F

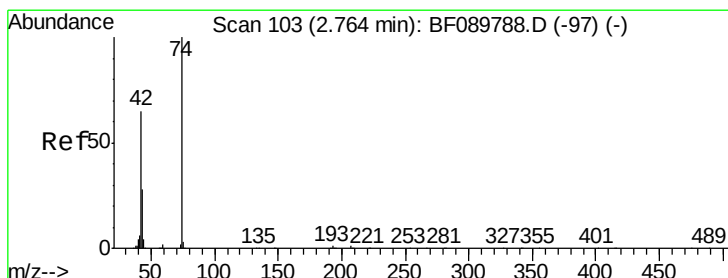
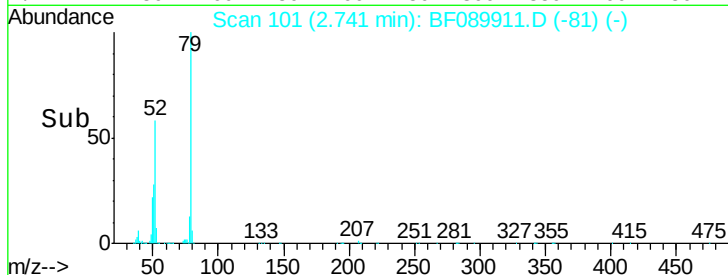
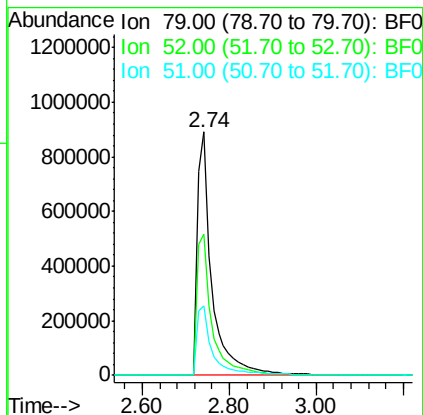
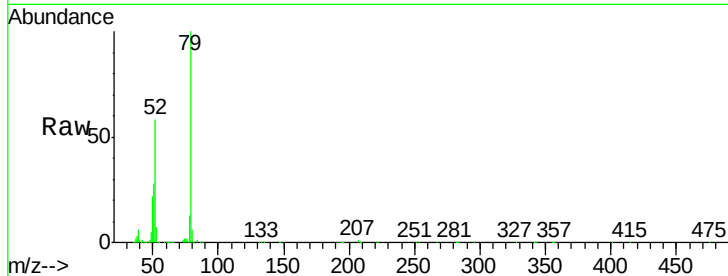
ClientSampleId :

SSTDCCC040EC

Tgt Ion:	79	Resp:	2046078
Ion	Ratio	Lower	Upper
79	100		
52	58.1	53.6	80.4
51	28.4	26.6	39.8

Manual Integrations
APPROVED

sohil
8/25/2016 7:42:32 PM



#4

n-Nitrosodimethylamine

Concen: 39.74 ng

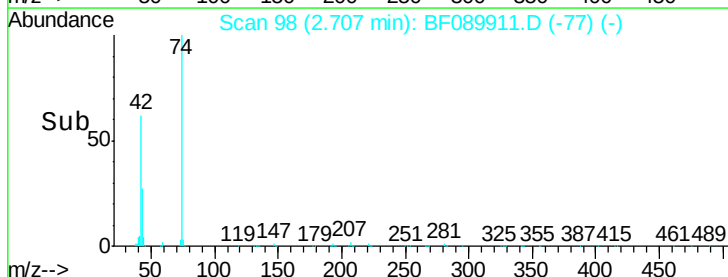
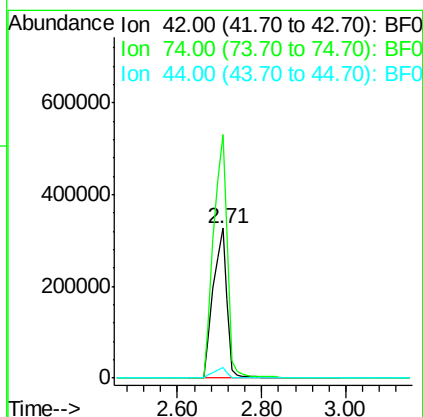
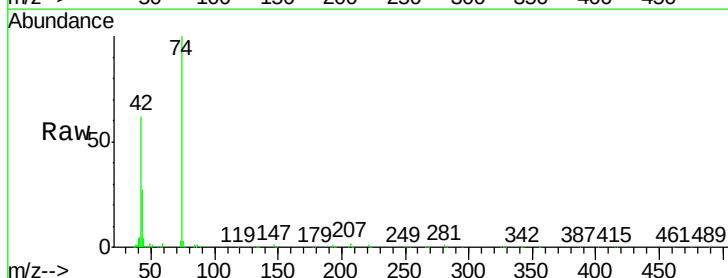
RT: 2.71 min Scan# 98

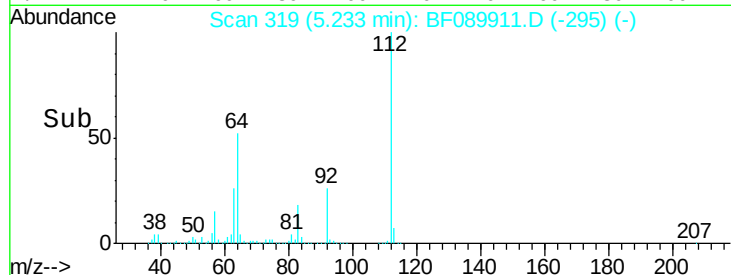
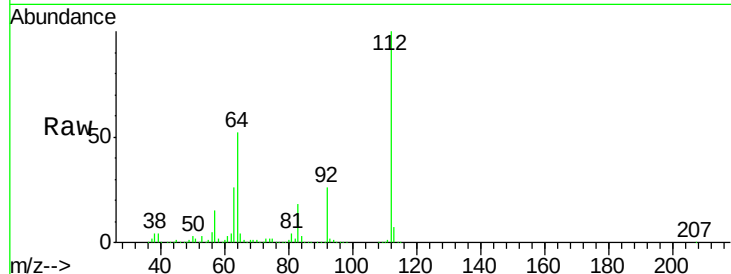
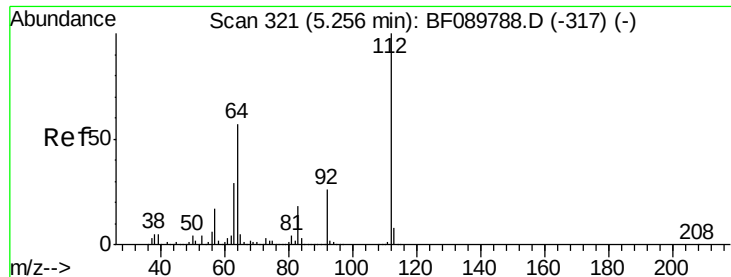
Delta R.T. -0.06 min

Lab File: BF089911.D

Acq: 25 Aug 2016 15:06

Tgt Ion:	42	Resp:	748844
Ion	Ratio	Lower	Upper
42	100		
74	162.3	106.2	159.2#
44	6.7	6.9	10.3#





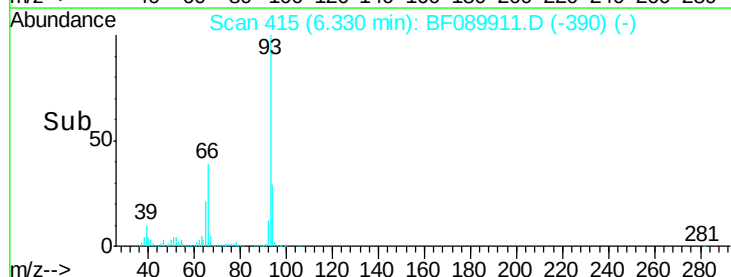
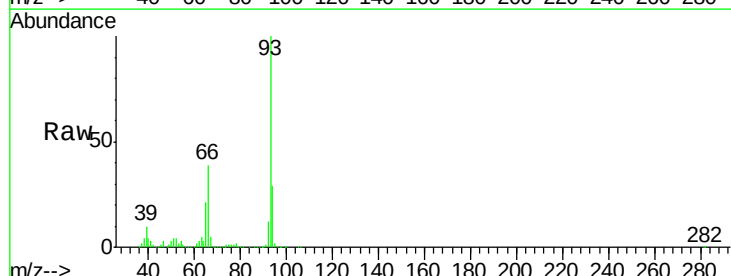
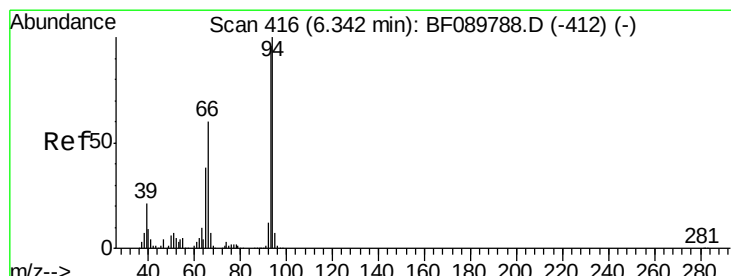
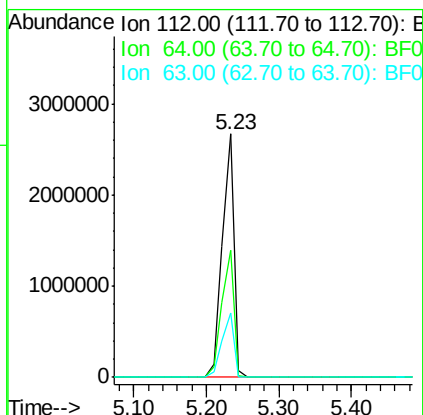
#5
2-Fluorophenol
Concen: 76.59 ng
RT: 5.23 min Scan# 319
Delta R.T. -0.02 min
Lab File: BF089911.D
Acq: 25 Aug 2016 15:06

Tgt Ion	Ratio	Lower	Upper
112	100		
64	52.5	45.0	67.4
63	26.4	23.1	34.7

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

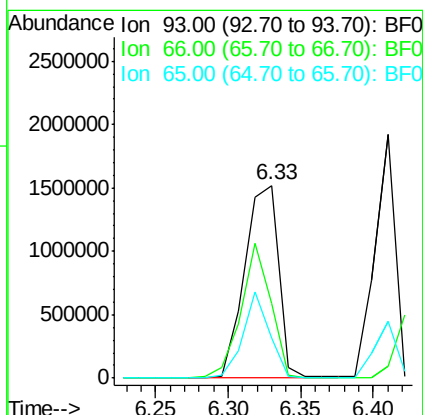
Manual Integrations
APPROVED

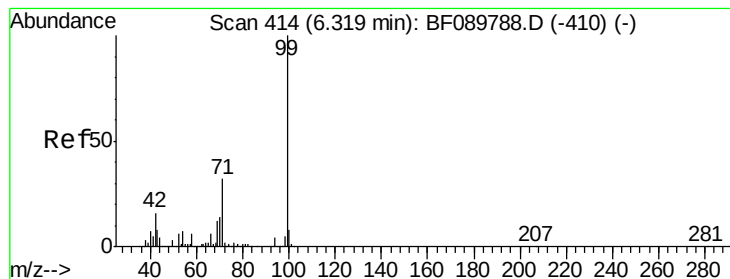
sohil
8/25/2016 7:42:32 PM



#6
Aniline
Concen: 38.66 ng
RT: 6.33 min Scan# 415
Delta R.T. -0.01 min
Lab File: BF089911.D
Acq: 25 Aug 2016 15:06

Tgt Ion	Ratio	Lower	Upper
93	100		
66	38.8	30.6	46.0
65	20.6	15.4	23.2





#7

Phenol-d6

Concen: 73.88 ng

RT: 6.31 min Scan# 413

Delta R.T. -0.01 min

Lab File: BF089911.D

Acq: 25 Aug 2016 15:06

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tgt Ion: 99 Resp: 3536288

Ion Ratio Lower Upper

99 100

42 13.3 12.2 18.4

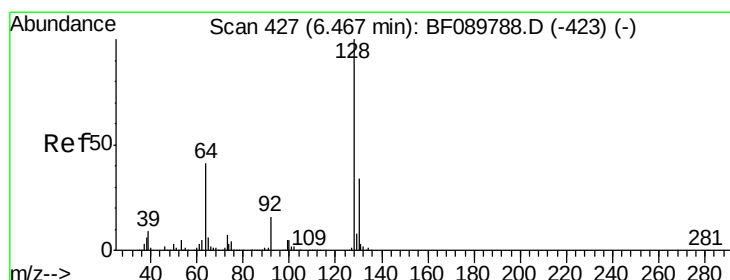
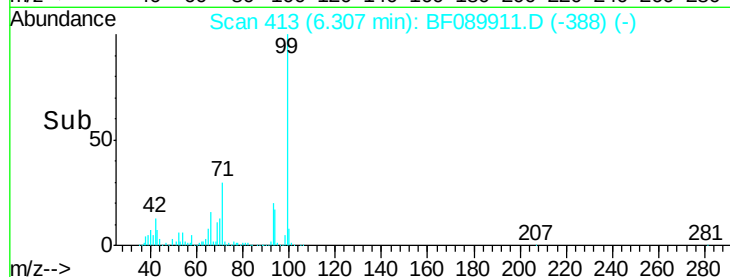
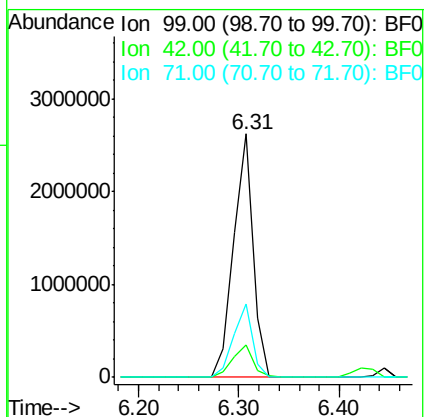
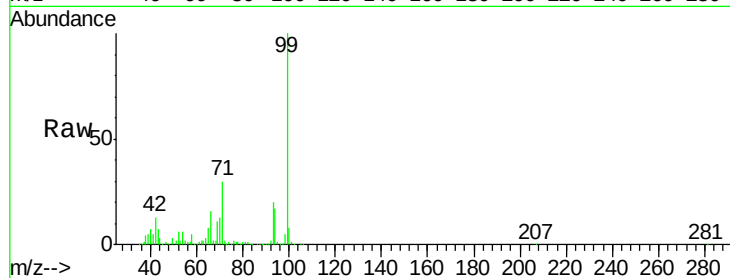
71 29.9 23.8 35.8

Manual Integrations

APPROVED

sohil

8/25/2016 7:42:32 PM



#8

2-Chlorophenol

Concen: 38.28 ng

RT: 6.44 min Scan# 425

Delta R.T. -0.02 min

Lab File: BF089911.D

Acq: 25 Aug 2016 15:06

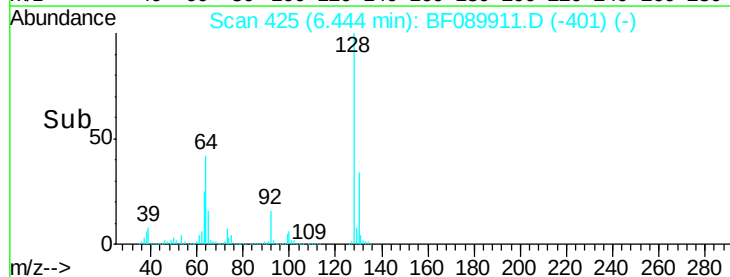
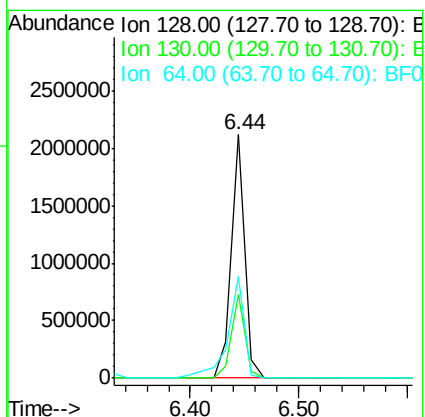
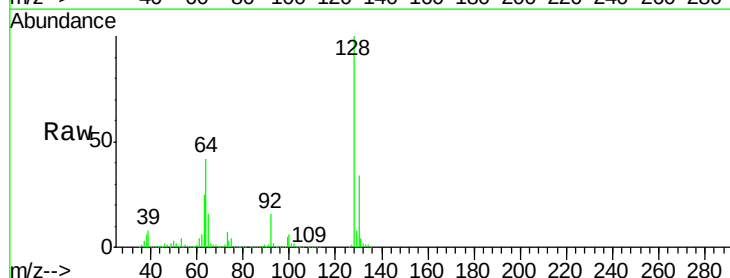
Tgt Ion: 128 Resp: 1785260

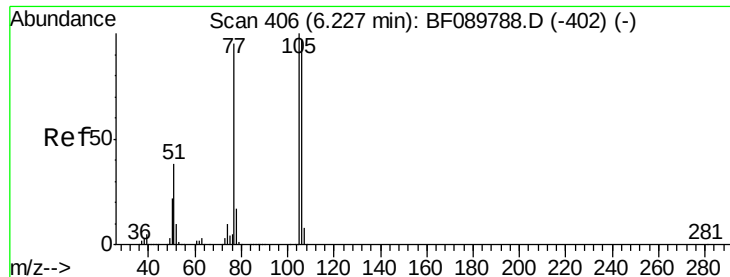
Ion Ratio Lower Upper

128 100

130 34.4 12.0 52.0

64 41.7 35.1 75.1





#9

Benzaldehyde

Concen: 37.19 ng

RT: 6.20 min Scan# 404

Delta R.T. -0.02 min

Lab File: BF089911.D

Acq: 25 Aug 2016 15:06

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tgt Ion: 77 Resp: 1159474

Ion Ratio Lower Upper

77 100

105 112.9 73.3 113.3

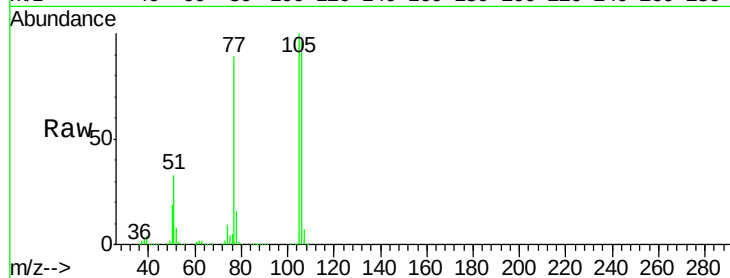
106 108.0 68.6 108.6

Manual Integrations

APPROVED

sohil

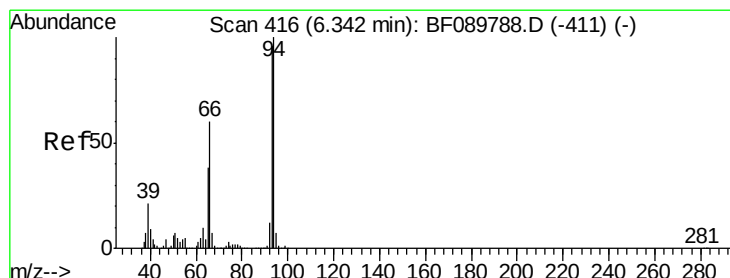
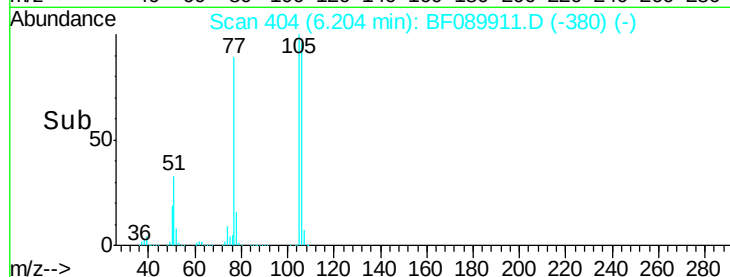
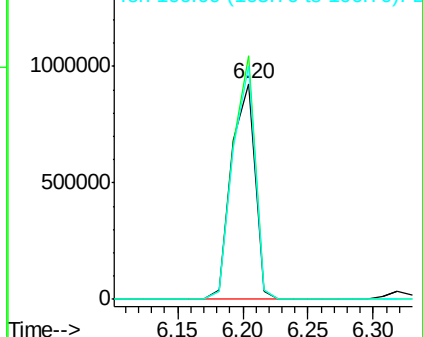
8/25/2016 7:42:32 PM



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 32.88 ng

RT: 6.32 min Scan# 414

Delta R.T. -0.02 min

Lab File: BF089911.D

Acq: 25 Aug 2016 15:06

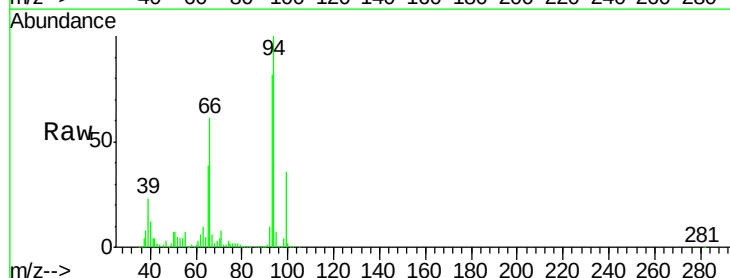
Tgt Ion: 94 Resp: 1844536

Ion Ratio Lower Upper

94 100

65 39.1 14.0 54.0

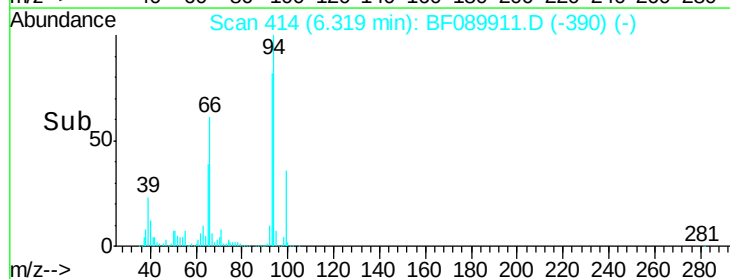
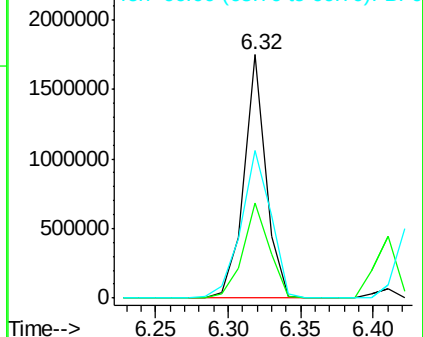
66 60.8 31.2 71.2

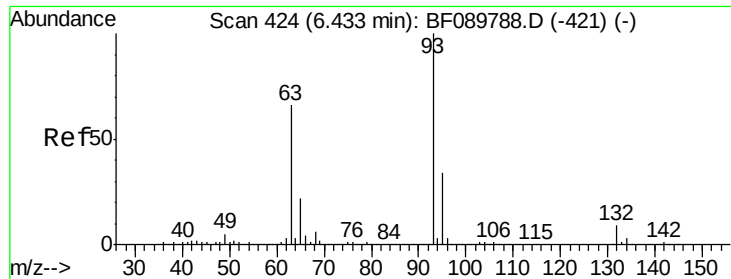


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#11

bis(2-Chloroethyl)ether

Concen: 42.37 ng

RT: 6.41 min Scan# 422

Delta R.T. -0.02 min

Lab File: BF089911.D

Acq: 25 Aug 2016 15:06

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tgt Ion: 93 Resp: 1843029

Ion Ratio Lower Upper

93 100

63 67.8 55.8 95.8

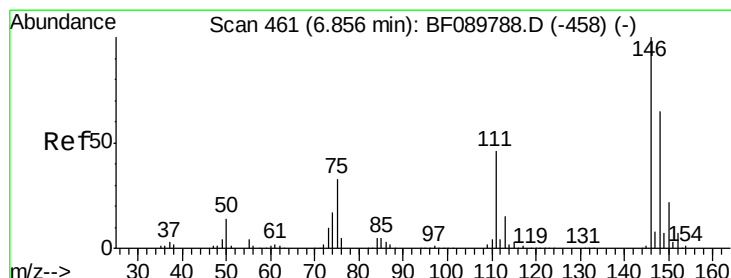
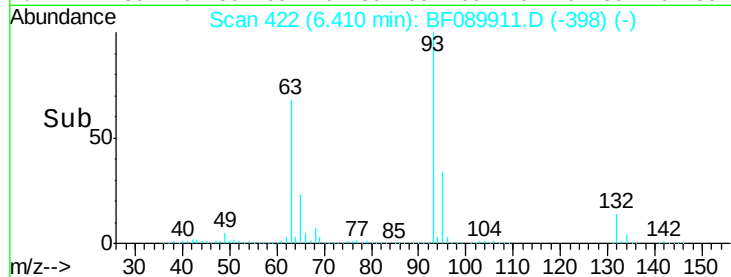
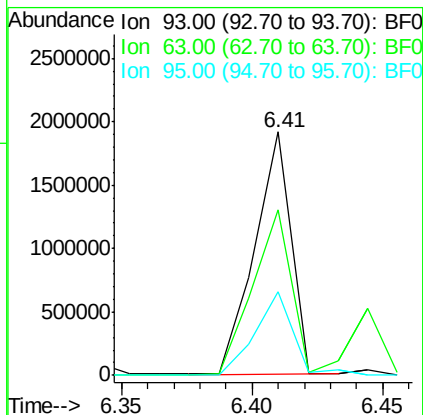
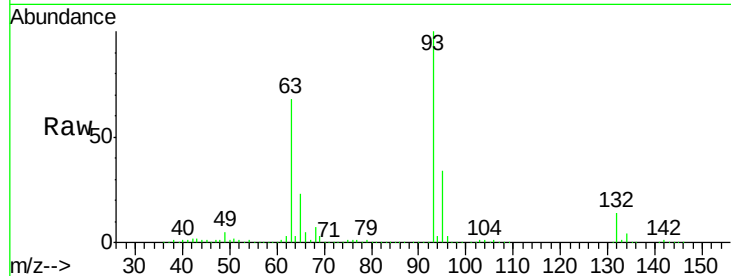
95 34.4 13.0 53.0

Manual Integrations

APPROVED

sohil

8/25/2016 7:42:32 PM



#12

1,3-Dichlorobenzene

Concen: 41.98 ng m

RT: 6.60 min Scan# 439

Delta R.T. -0.02 min

Lab File: BF089911.D

Acq: 25 Aug 2016 15:06

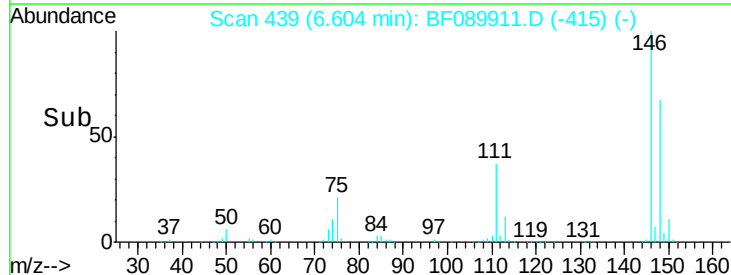
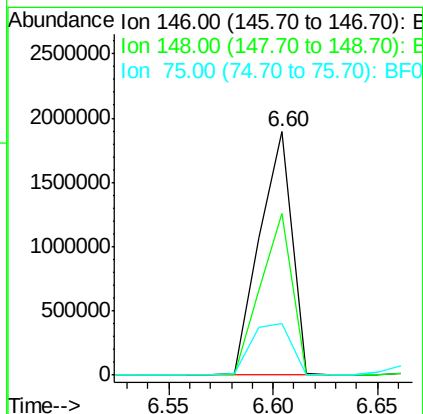
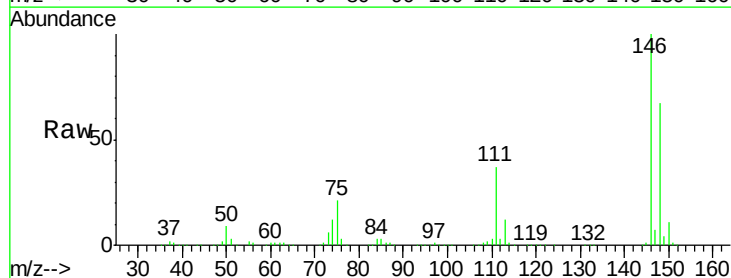
Tgt Ion: 146 Resp: 2046569

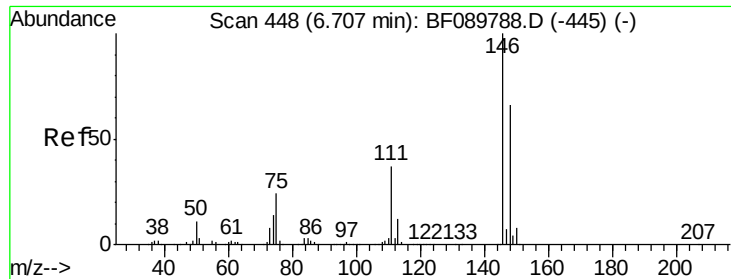
Ion Ratio Lower Upper

146 100

148 66.6 51.0 76.4

75 21.2 27.0 40.6#





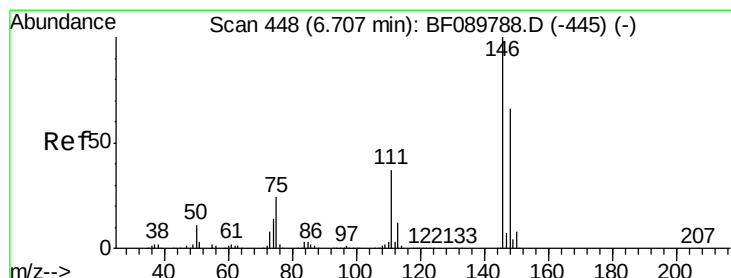
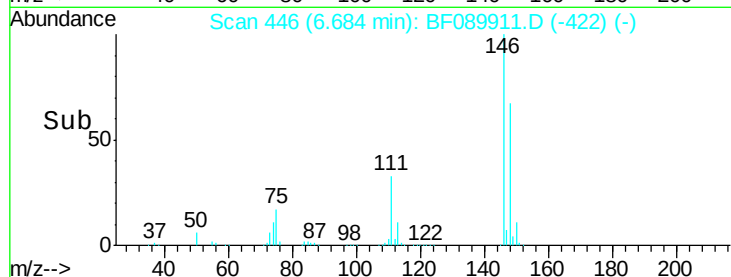
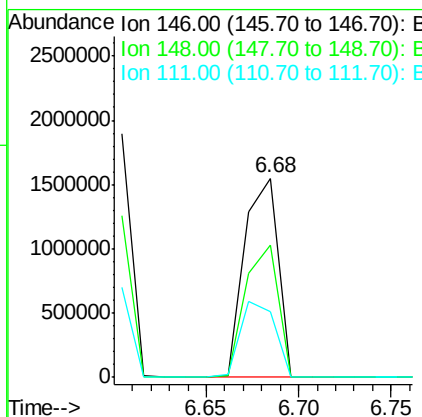
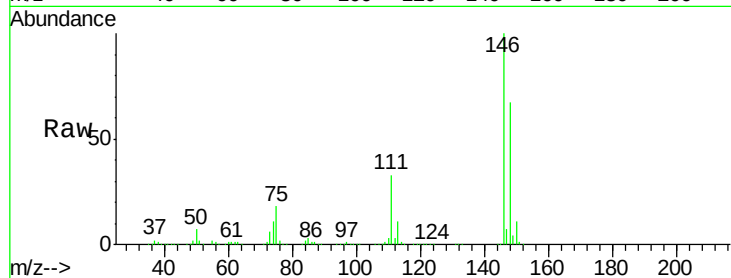
#13
 1,4-Dichlorobenzene
 Concen: 39.19 ng m
 RT: 6.68 min Scan# 446
 Delta R.T. -0.02 min
 Lab File: BF089911.D
 Acq: 25 Aug 2016 15:06

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tgt Ion:146 Resp: 1963804
 Ion Ratio Lower Upper
 146 100
 148 66.6 51.0 76.6
 111 32.9 34.6 52.0#

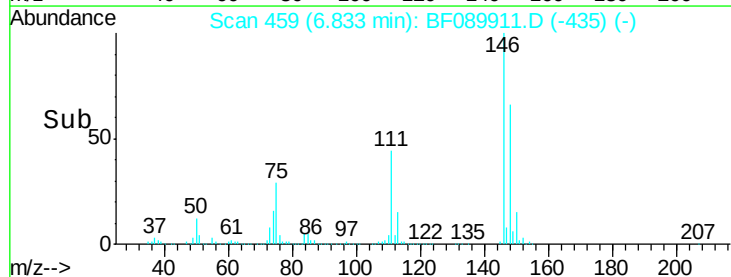
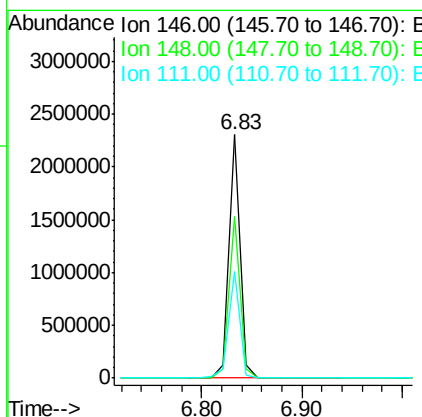
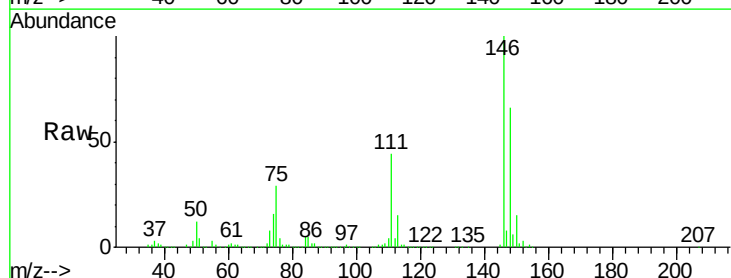
Manual Integrations
 APPROVED

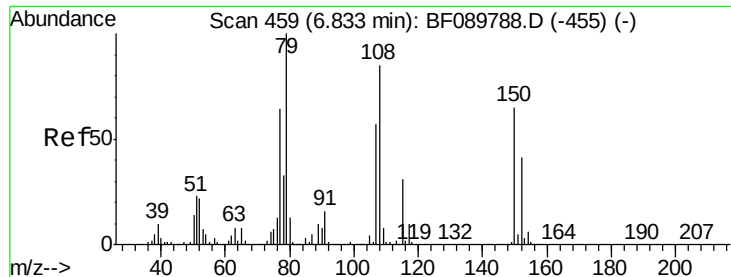
sohil
 8/25/2016 7:42:32 PM



#14
 1,2-Dichlorobenzene
 Concen: 37.64 ng
 RT: 6.83 min Scan# 459
 Delta R.T. -0.02 min
 Lab File: BF089911.D
 Acq: 25 Aug 2016 15:06

Tgt Ion:146 Resp: 1760712
 Ion Ratio Lower Upper
 146 100
 148 66.3 52.2 78.2
 111 44.0 29.8 44.6





#15

Benzyl Alcohol

Concen: 33.46 ng

RT: 6.81 min Scan# 457

Delta R.T. -0.02 min

Lab File: BF089911.D

Acq: 25 Aug 2016 15:06

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tgt Ion: 79 Resp: 1062129

Ion Ratio Lower Upper

79 100

108 86.1 62.5 93.7

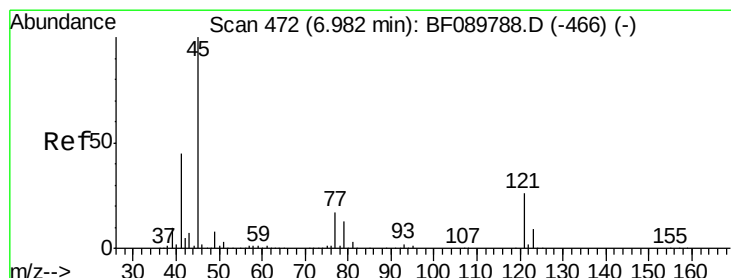
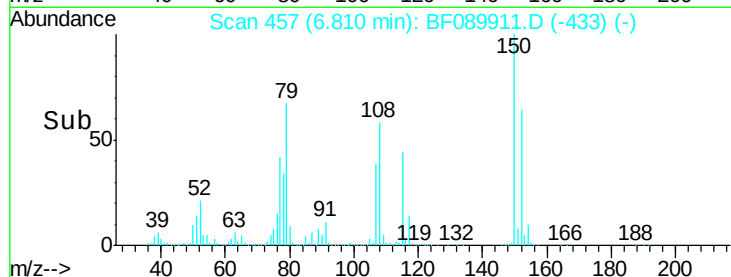
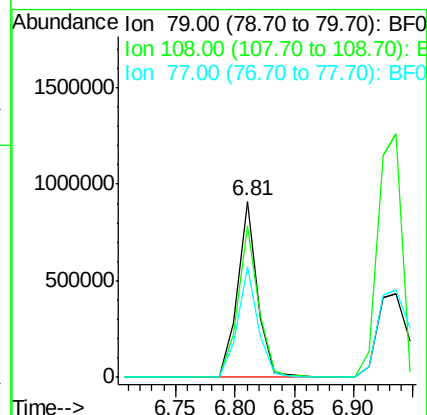
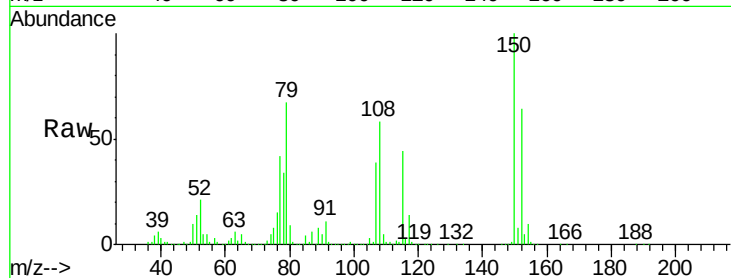
77 62.6 51.5 77.3

Manual Integrations

APPROVED

sohil

8/25/2016 7:42:32 PM



#16

2,2'-oxybis(1-Chloropropane)

Concen: 38.98 ng

RT: 6.95 min Scan# 469

Delta R.T. -0.03 min

Lab File: BF089911.D

Acq: 25 Aug 2016 15:06

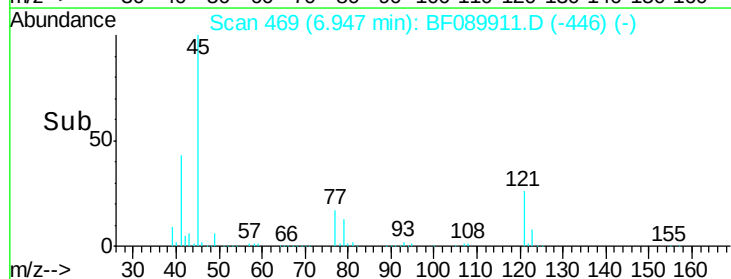
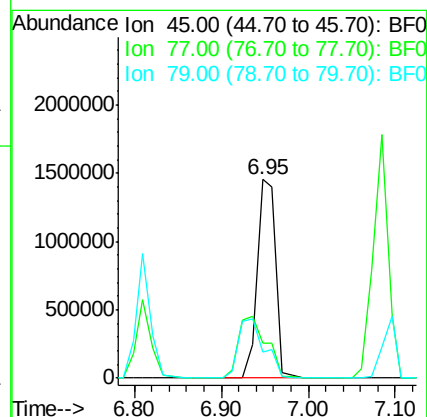
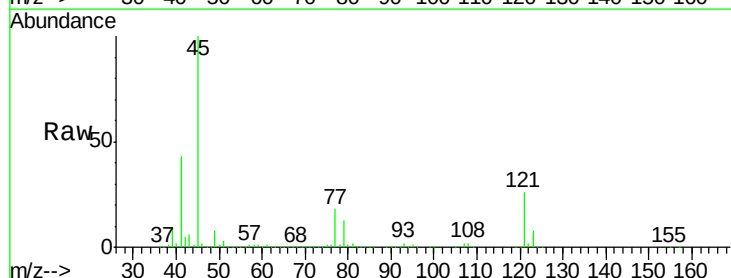
Tgt Ion: 45 Resp: 2170084

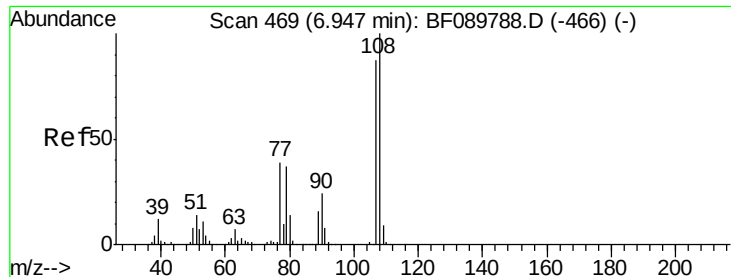
Ion Ratio Lower Upper

45 100

77 17.6 0.0 33.5

79 12.9 0.0 30.7





#17

2-Methylphenol

Concen: 42.16 ng

RT: 6.94 min Scan# 468

Delta R.T. -0.01 min

Lab File: BF089911.D

Acq: 25 Aug 2016 15:06

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tgt Ion:107 Resp: 1539776

Ion Ratio Lower Upper

107 100

108 115.4 91.0 136.4

77 41.2 37.4 56.0

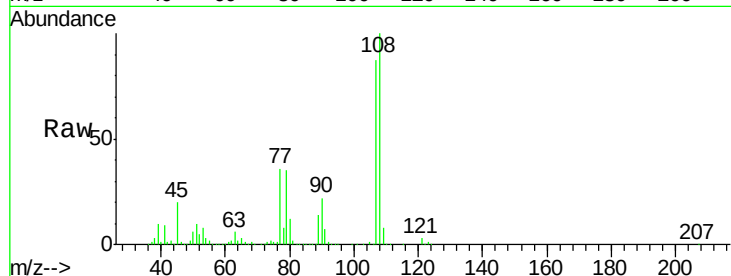
79 39.9 36.6 55.0

Manual Integrations

APPROVED

sohil

8/25/2016 7:42:32 PM



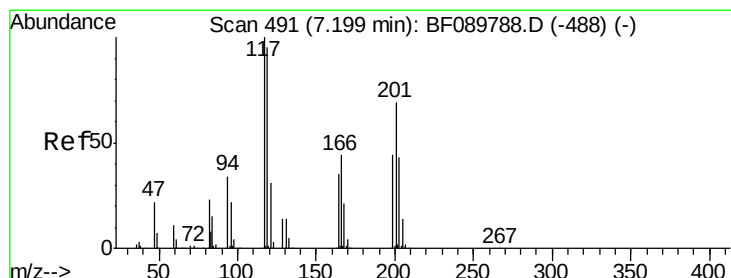
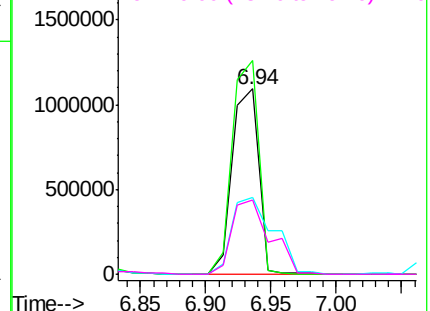
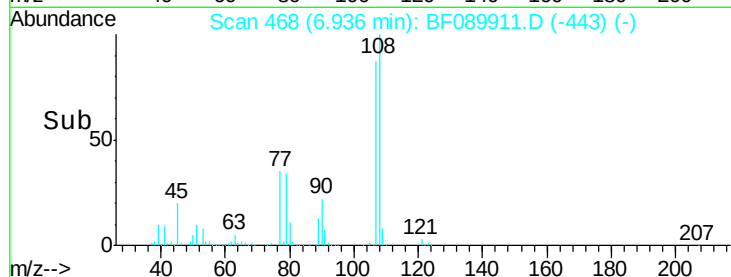
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#18

Hexachloroethane

Concen: 40.06 ng

RT: 7.18 min Scan# 489

Delta R.T. -0.02 min

Lab File: BF089911.D

Acq: 25 Aug 2016 15:06

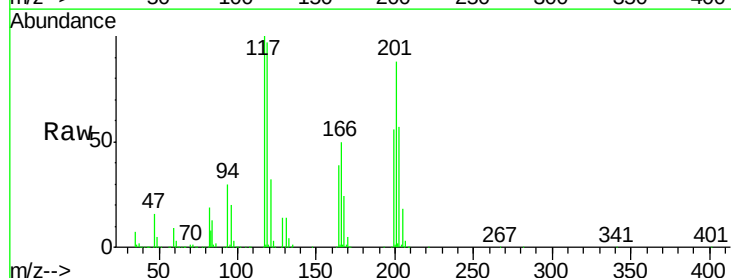
Tgt Ion:117 Resp: 715928

Ion Ratio Lower Upper

117 100

119 97.1 77.1 115.7

201 88.1 76.9 115.3

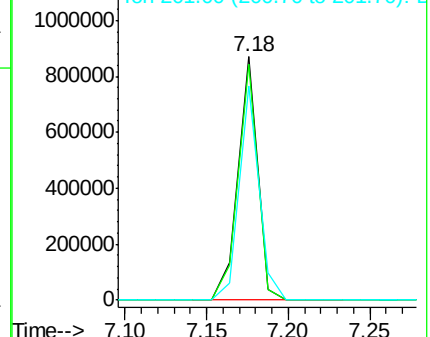
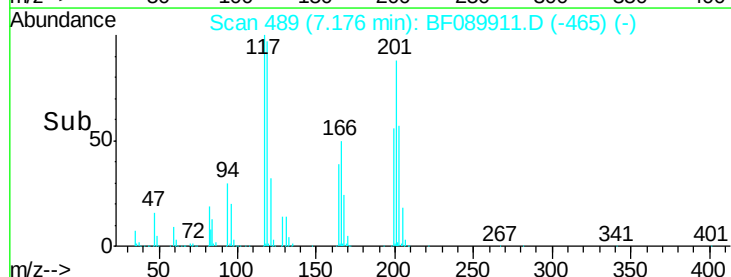


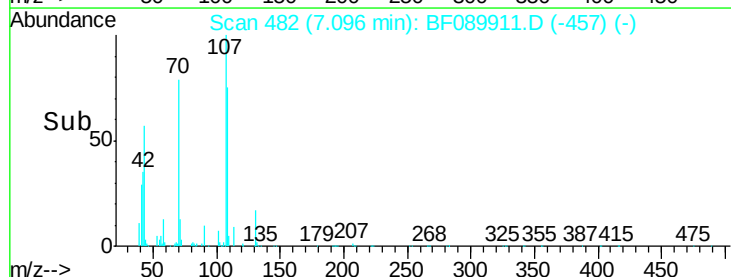
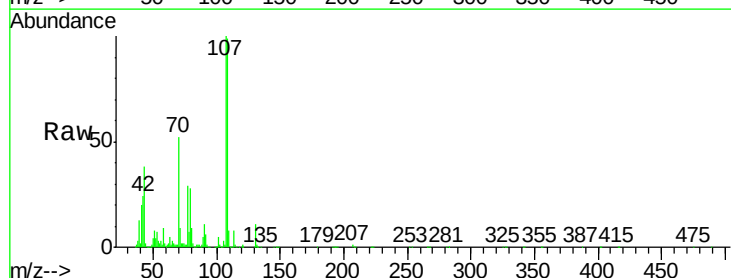
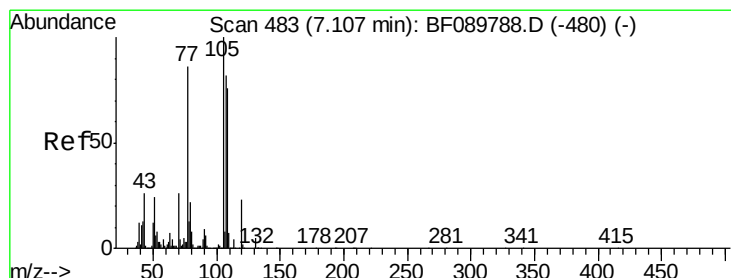
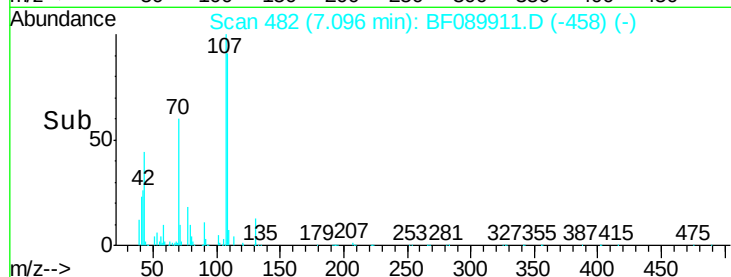
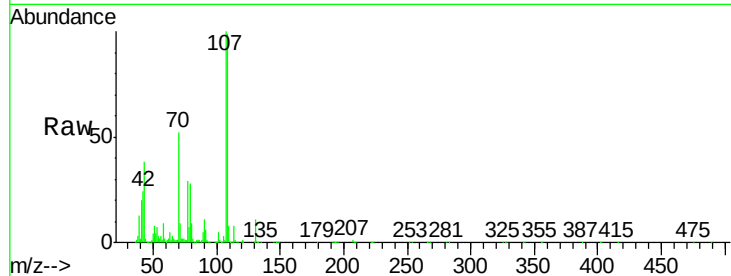
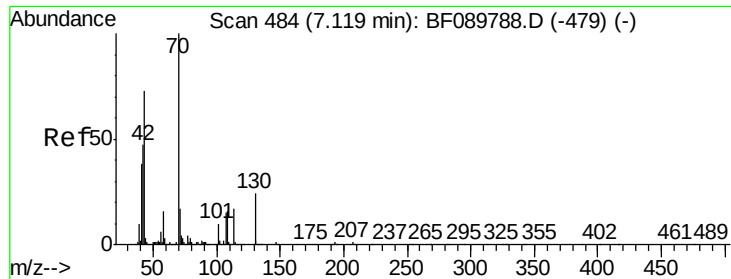
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





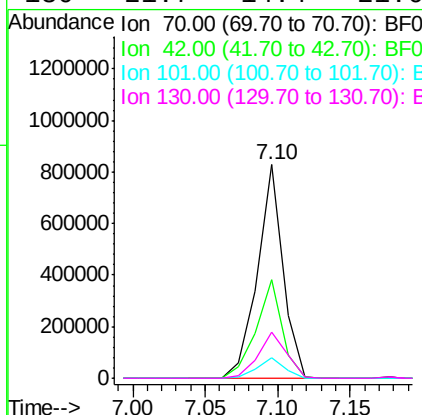
#19
n-Nitroso-di-n-propylamine
Concen: 33.18 ng
RT: 7.10 min Scan# 482
Delta R.T. -0.02 min
Lab File: BF089911.D
Acq: 25 Aug 2016 15:06

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion	Ratio	Lower	Upper
70	100		
42	46.3	46.3	69.5
101	9.7	7.0	10.6
130	21.7	14.4	21.6#

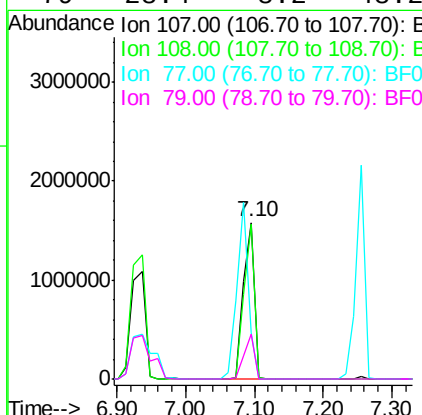
Manual Integrations
APPROVED

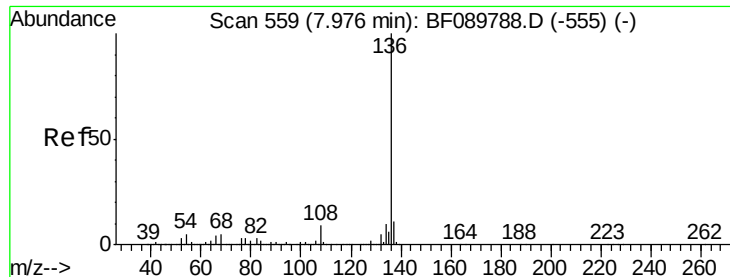
sohil
8/25/2016 7:42:32 PM



#20
3+4-Methylphenols
Concen: 39.84 ng
RT: 7.10 min Scan# 482
Delta R.T. -0.01 min
Lab File: BF089911.D
Acq: 25 Aug 2016 15:06

Tgt Ion	Ratio	Lower	Upper
107	100		
108	99.3	68.2	108.2
77	29.5	122.3	162.3#
79	28.4	8.2	48.2





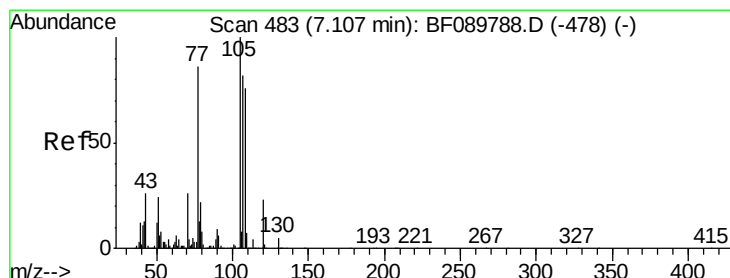
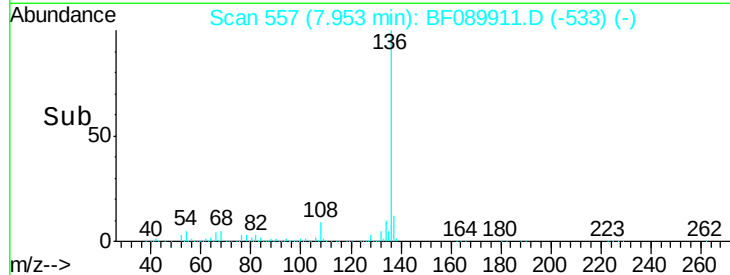
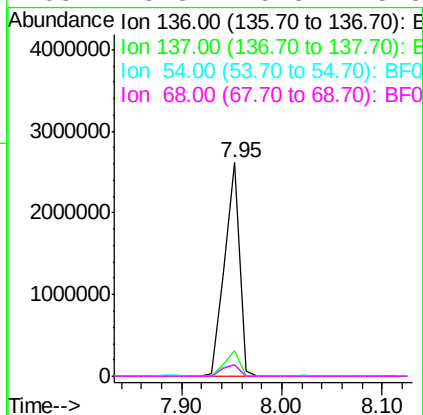
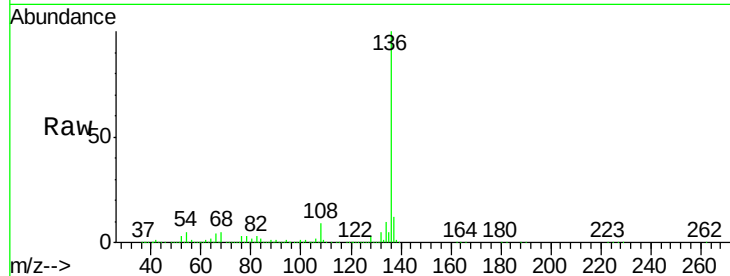
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.95 min Scan# 557
Delta R.T. -0.02 min
Lab File: BF089911.D
Acq: 25 Aug 2016 15:06

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion	Ratio	Resp	Lower	Upper
136	100	2690358		
137	11.9	9.2	13.8	
54	5.2	7.2	10.8#	
68	5.3	5.8	8.8#	

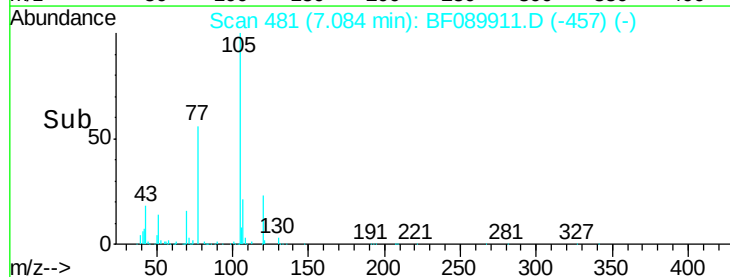
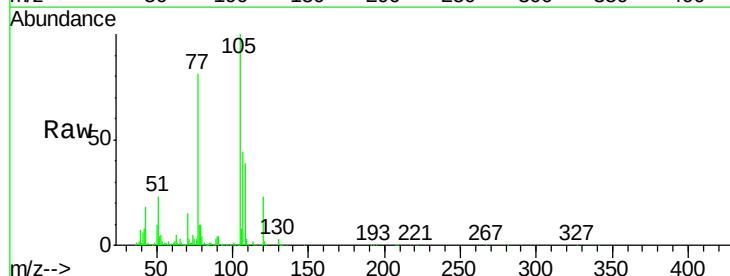
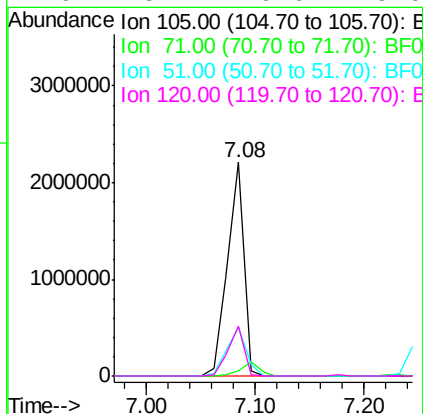
Manual Integrations
APPROVED

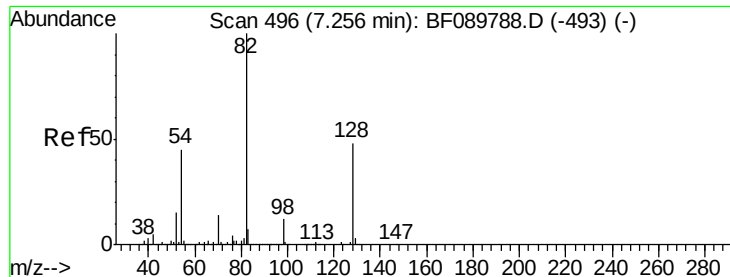
sohil
8/25/2016 7:42:32 PM



#22
Acetophenone
Concen: 37.23 ng
RT: 7.08 min Scan# 481
Delta R.T. -0.02 min
Lab File: BF089911.D
Acq: 25 Aug 2016 15:06

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	2300003		
71	2.6	1.9	2.9	
51	22.8	28.5	42.7#	
120	23.2	16.6	25.0	





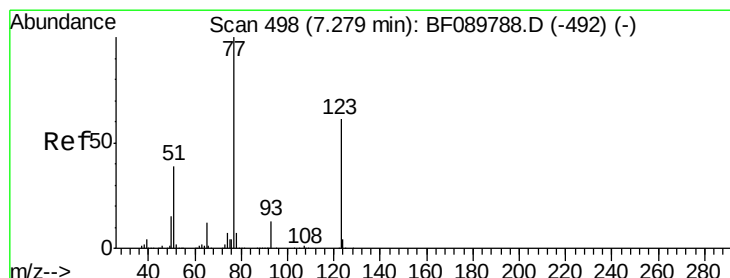
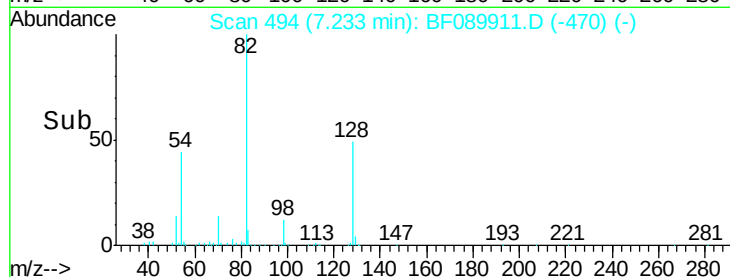
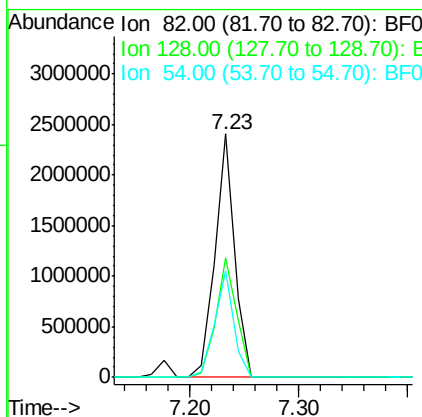
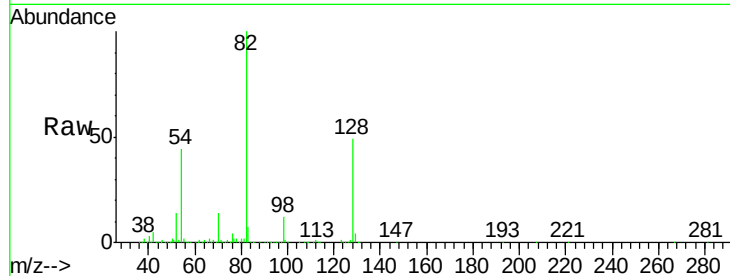
#23
 Nitrobenzene-d5
 Concen: 69.87 ng
 RT: 7.23 min Scan# 494
 Delta R.T. -0.02 min
 Lab File: BF089911.D
 Acq: 25 Aug 2016 15:06

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tgt Ion: 82 Resp: 3025775
 Ion Ratio Lower Upper
 82 100
 128 48.9 34.4 51.6
 54 43.8 40.3 60.5

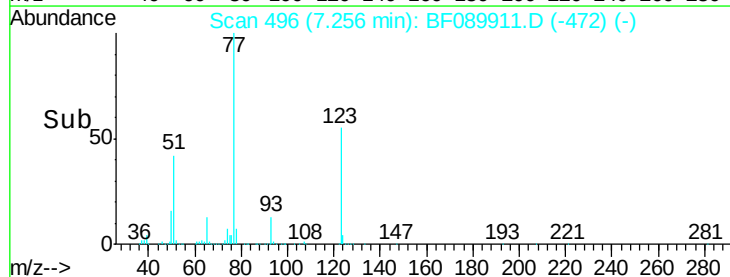
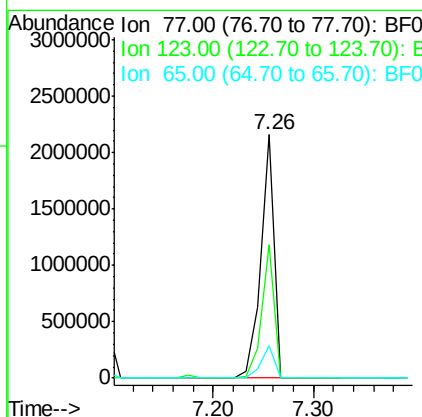
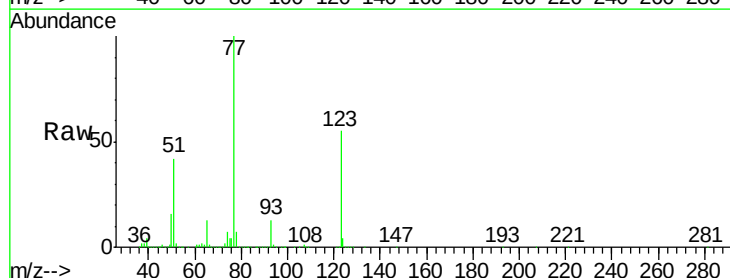
Manual Integrations
 APPROVED

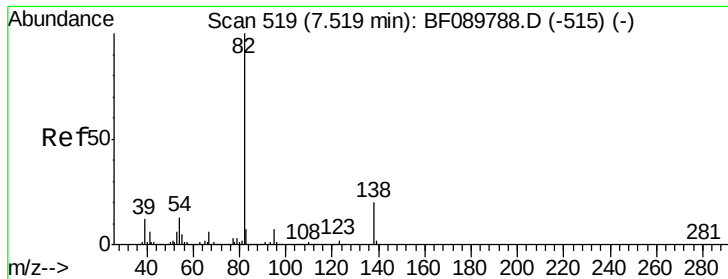
sohil
 8/25/2016 7:42:32 PM



#24
 Nitrobenzene
 Concen: 40.39 ng
 RT: 7.26 min Scan# 496
 Delta R.T. -0.02 min
 Lab File: BF089911.D
 Acq: 25 Aug 2016 15:06

Tgt Ion: 77 Resp: 1962309
 Ion Ratio Lower Upper
 77 100
 123 54.9 36.2 54.2#
 65 13.2 10.6 15.8





#25

Isophorone

Concen: 37.74 ng

RT: 7.50 min Scan# 517

Delta R.T. -0.02 min

Lab File: BF089911.D

Acq: 25 Aug 2016 15:06

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tgt Ion: 82 Resp: 3296369

Ion Ratio Lower Upper

82 100

95 6.9 5.3 7.9

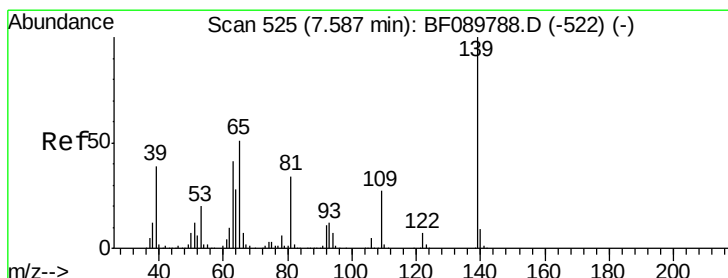
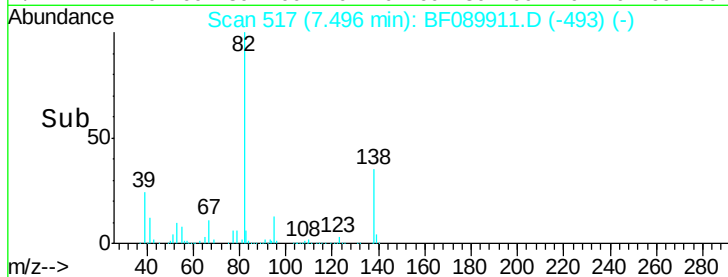
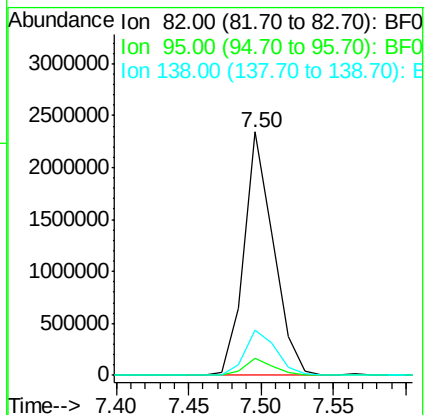
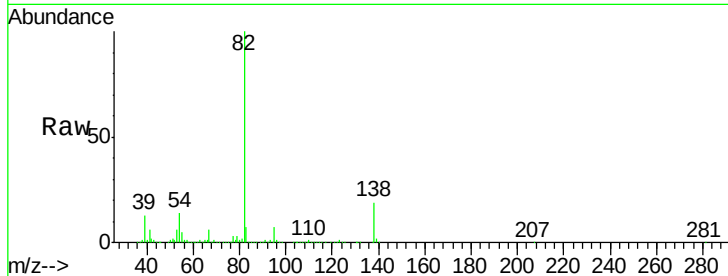
138 18.7 13.0 19.4

Manual Integrations

APPROVED

sohil

8/25/2016 7:42:32 PM



#26

2-Nitrophenol

Concen: 38.68 ng

RT: 7.56 min Scan# 523

Delta R.T. -0.02 min

Lab File: BF089911.D

Acq: 25 Aug 2016 15:06

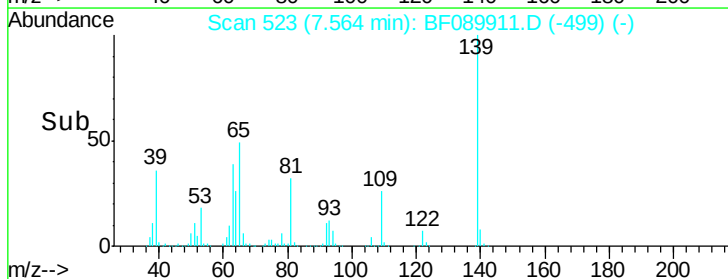
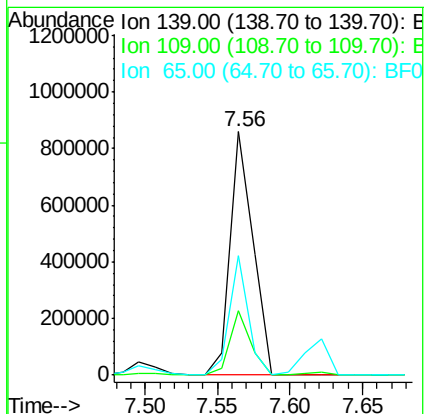
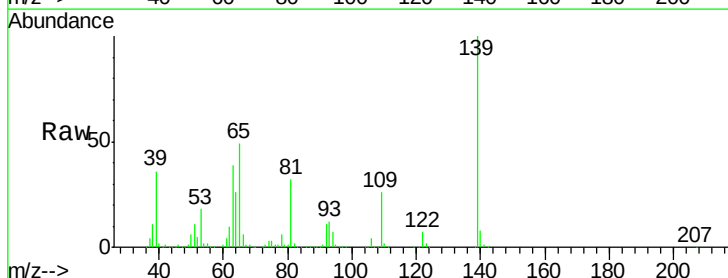
Tgt Ion: 139 Resp: 937769

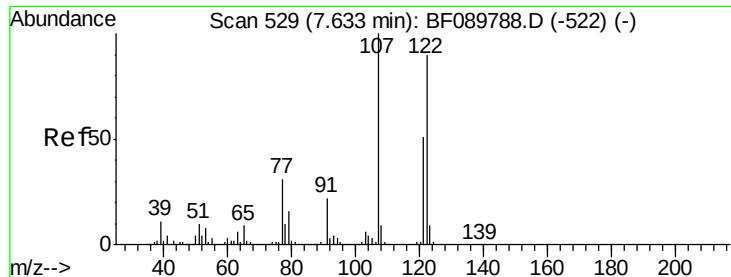
Ion Ratio Lower Upper

139 100

109 26.3 19.5 29.3

65 48.9 26.5 39.7#





#27

2,4-Dimethylphenol

Concen: 40.51 ng

RT: 7.62 min Scan# 528

Delta R.T. -0.01 min

Lab File: BF089911.D

Acq: 25 Aug 2016 15:06

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tgt Ion:122 Resp: 1769972

Ion Ratio Lower Upper

122 100

107 102.8 84.8 127.2

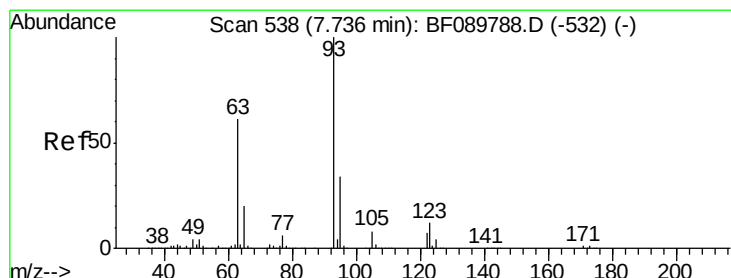
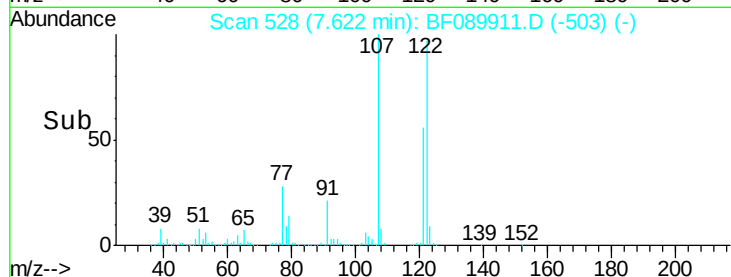
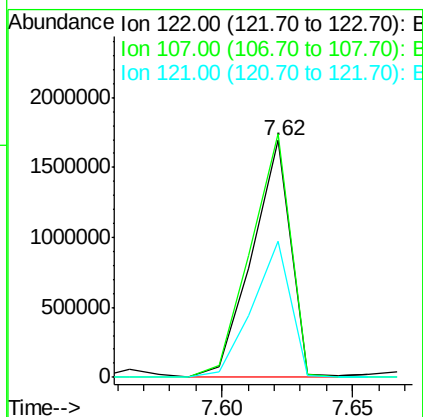
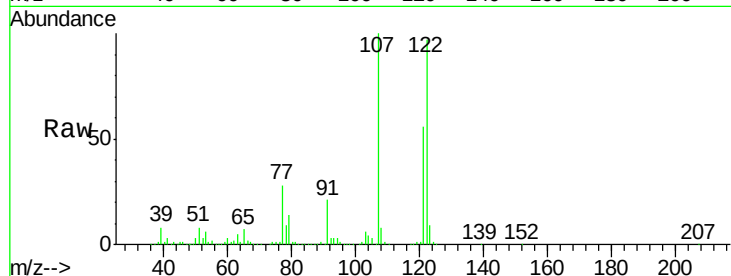
121 57.4 47.0 70.6

Manual Integrations

APPROVED

sohil

8/25/2016 7:42:32 PM



#28

bis(2-Chloroethoxy)methane

Concen: 34.35 ng

RT: 7.71 min Scan# 536

Delta R.T. -0.02 min

Lab File: BF089911.D

Acq: 25 Aug 2016 15:06

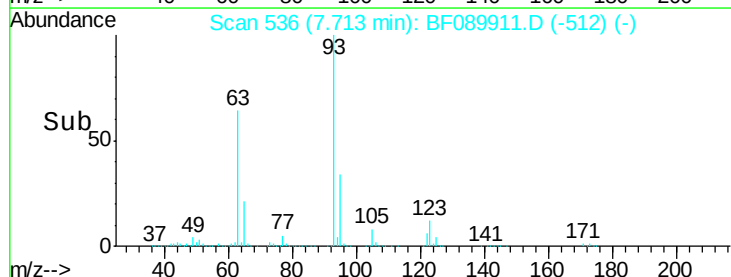
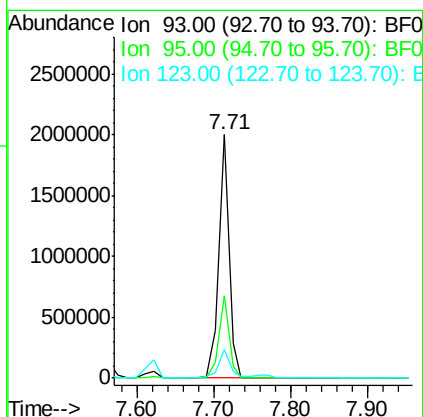
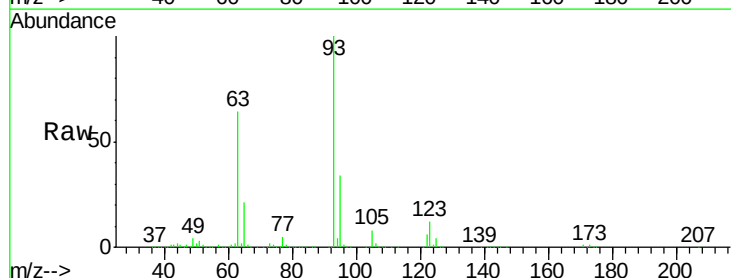
Tgt Ion: 93 Resp: 1856281

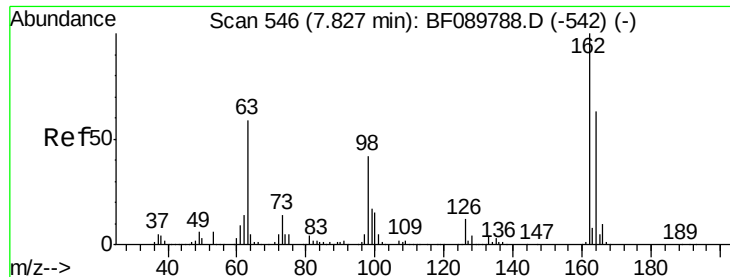
Ion Ratio Lower Upper

93 100

95 34.0 25.5 38.3

123 11.8 8.5 12.7





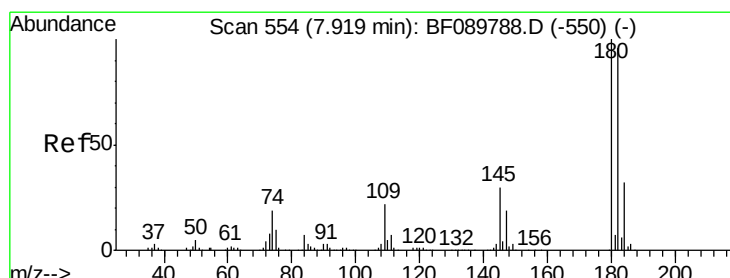
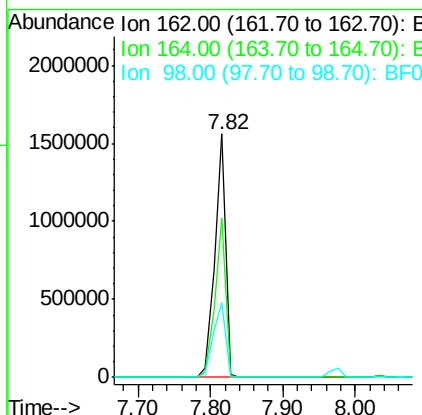
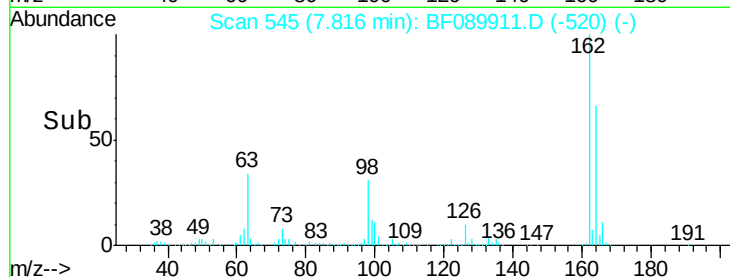
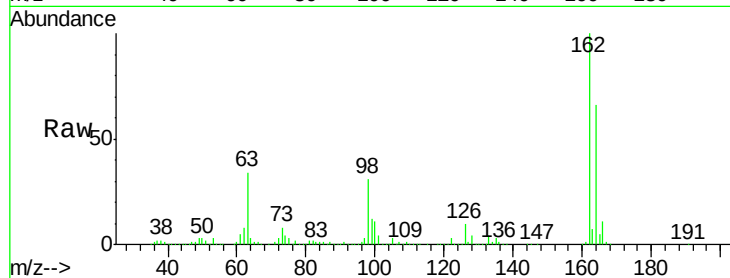
#29
2,4-Dichlorophenol
Concen: 43.68 ng
RT: 7.82 min Scan# 545
Delta R.T. -0.01 min
Lab File: BF089911.D
Acq: 25 Aug 2016 15:06

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion	Ratio	Lower	Upper
162	100		
164	65.6	45.5	85.5
98	30.6	12.4	52.4

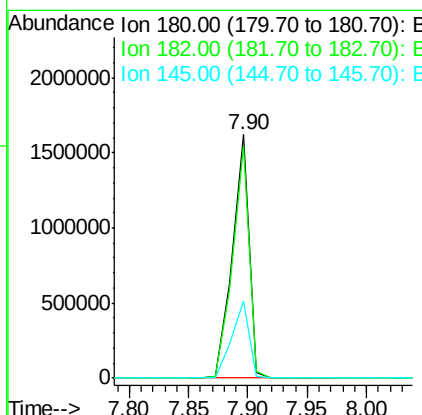
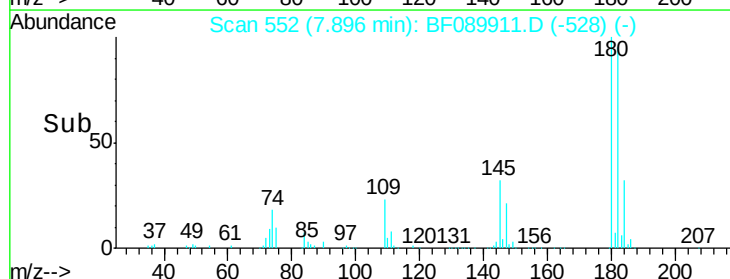
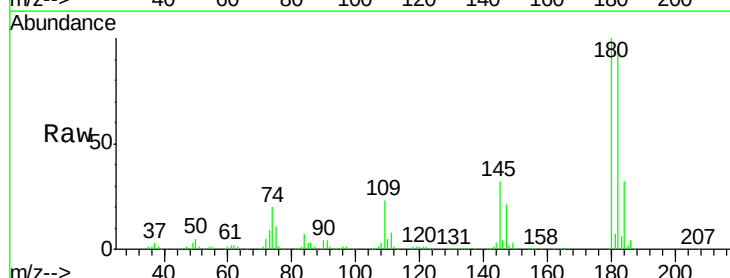
Manual Integrations
APPROVED

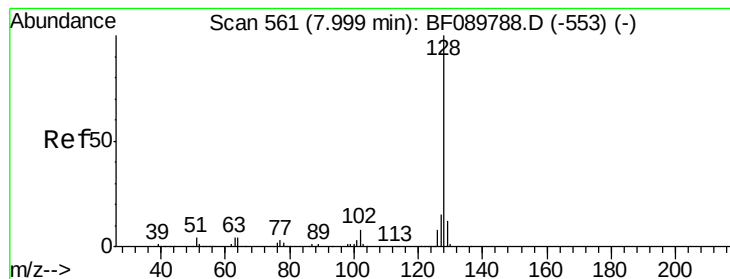
sohil
8/25/2016 7:42:32 PM



#30
1,2,4-Trichlorobenzene
Concen: 38.88 ng
RT: 7.90 min Scan# 552
Delta R.T. -0.02 min
Lab File: BF089911.D
Acq: 25 Aug 2016 15:06

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.3	75.5	113.3
145	31.9	28.7	43.1





#31

Naphthalene

Concen: 38.41 ng

RT: 7.98 min Scan# 559

Delta R.T. -0.02 min

Lab File: BF089911.D

Acq: 25 Aug 2016 15:06

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tgt Ion:128 Resp: 4830026

Ion Ratio Lower Upper

128 100

129 12.8 9.5 14.3

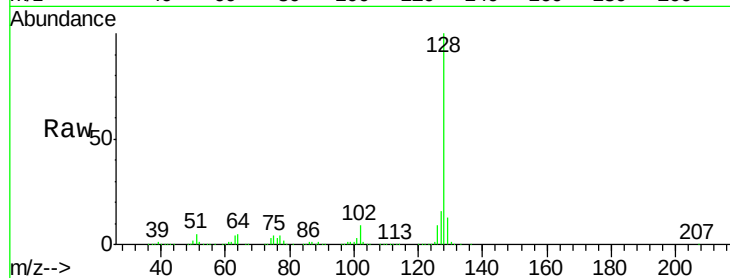
127 15.6 11.3 16.9

Manual Integrations

APPROVED

sohil

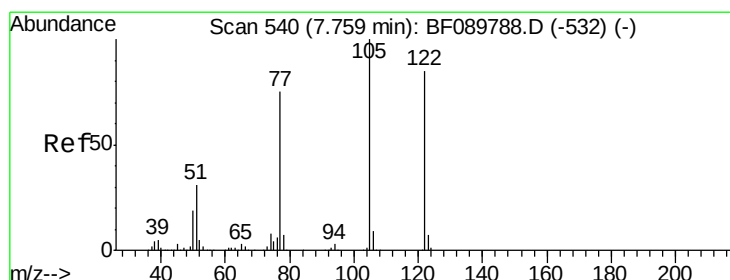
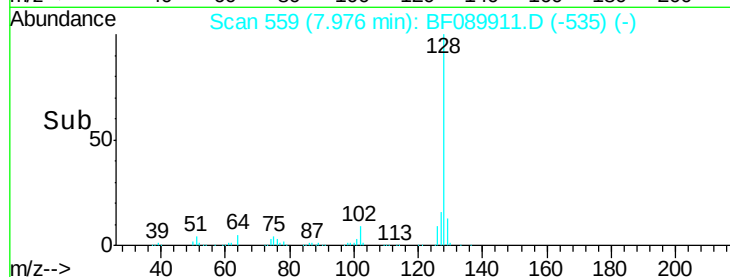
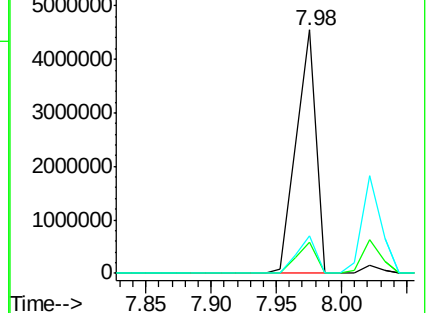
8/25/2016 7:42:32 PM



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 40.26 ng

RT: 7.77 min Scan# 541

Delta R.T. 0.01 min

Lab File: BF089911.D

Acq: 25 Aug 2016 15:06

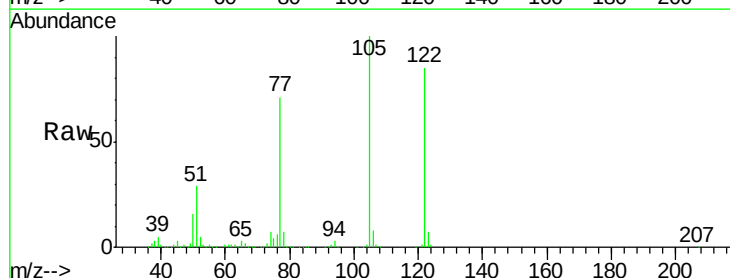
Tgt Ion:122 Resp: 1370699

Ion Ratio Lower Upper

122 100

105 118.2 100.8 140.8

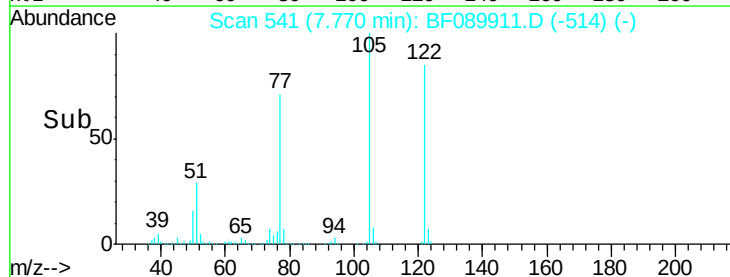
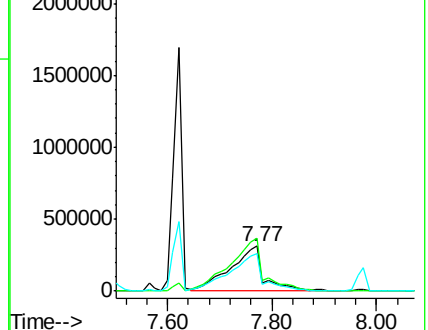
77 84.0 72.1 112.1

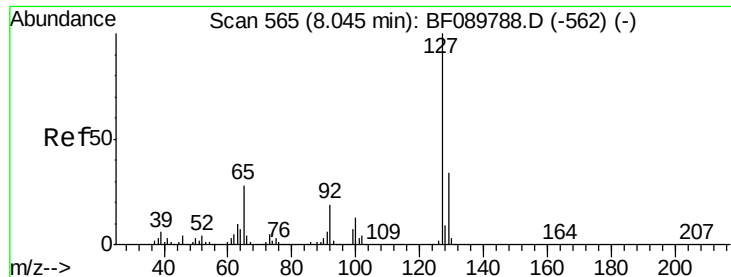


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0





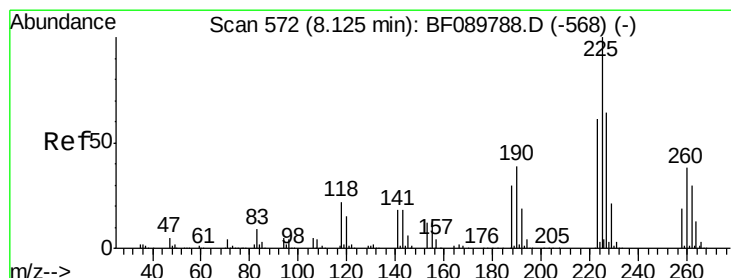
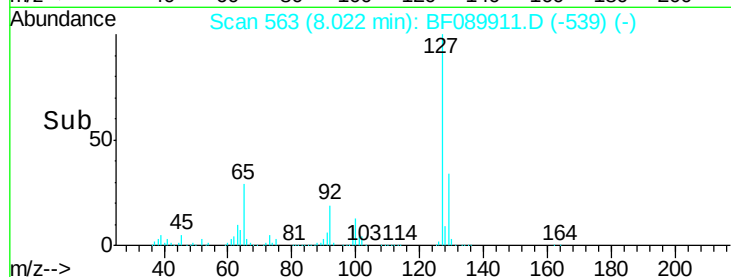
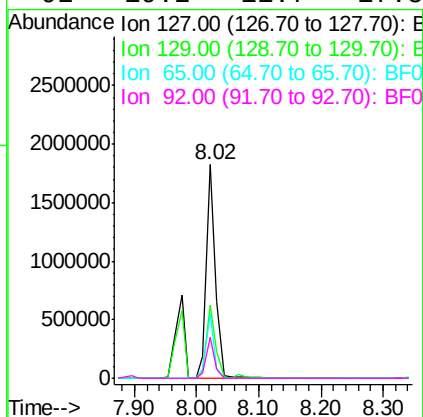
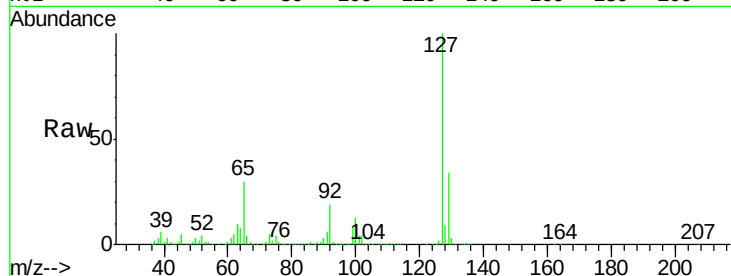
#33
4-Chloroaniline
Concen: 34.56 ng
RT: 8.02 min Scan# 563
Delta R.T. -0.02 min
Lab File: BF089911.D
Acq: 25 Aug 2016 15:06

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion	Ratio	Lower	Upper
127	100		
129	34.1	27.0	40.6
65	29.7	14.7	22.1#
92	19.2	11.7	17.5#

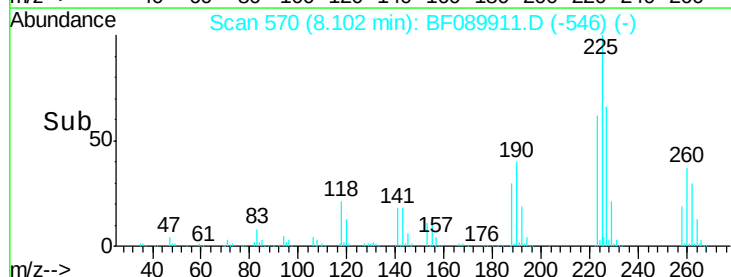
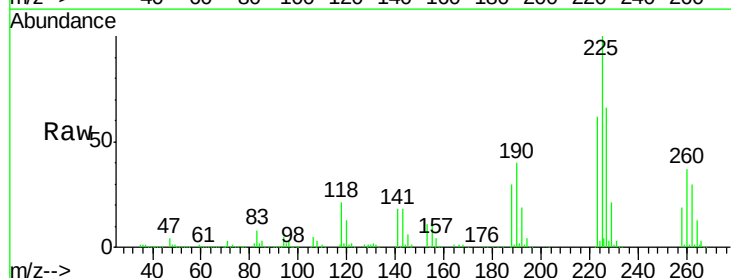
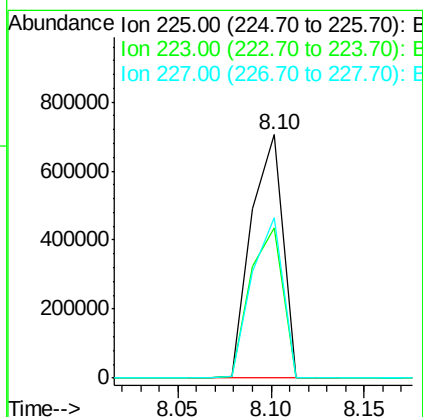
Manual Integrations
APPROVED

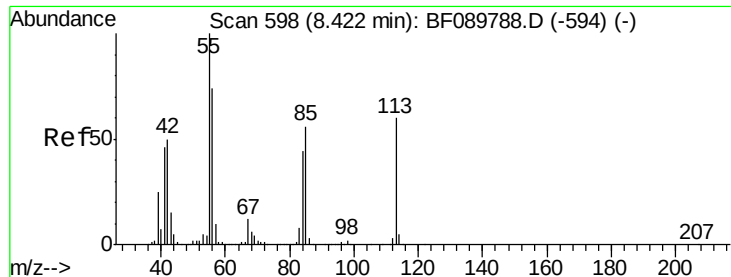
sohil
8/25/2016 7:42:32 PM



#34
Hexachlorobutadiene
Concen: 38.91 ng
RT: 8.10 min Scan# 570
Delta R.T. -0.02 min
Lab File: BF089911.D
Acq: 25 Aug 2016 15:06

Tgt Ion	Ratio	Lower	Upper
225	100		
223	61.6	51.0	76.6
227	65.7	49.8	74.6





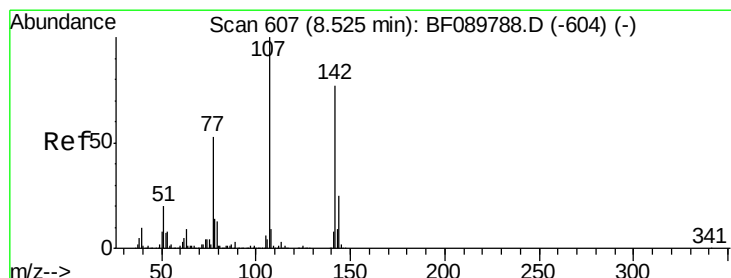
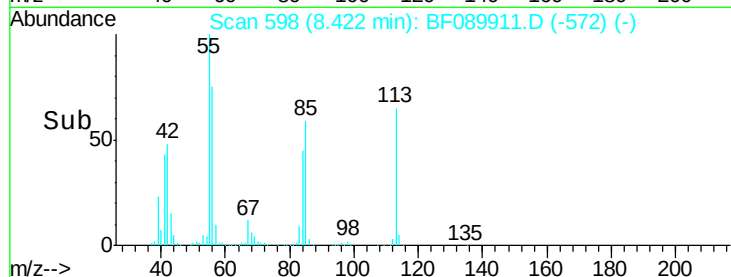
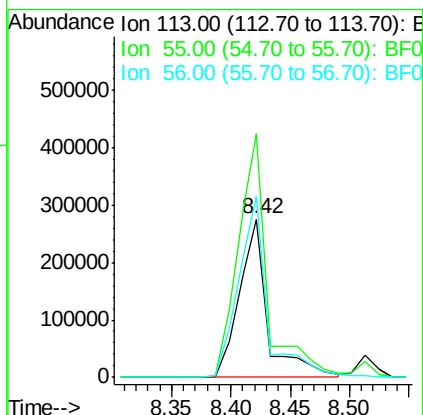
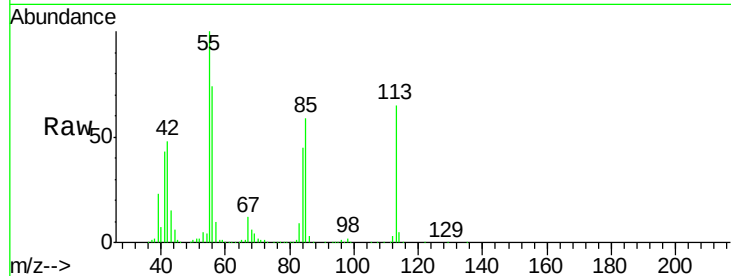
#35
 Caprolactam
 Concen: 40.81 ng
 RT: 8.42 min Scan# 598
 Delta R.T. -0.00 min
 Lab File: BF089911.D
 Acq: 25 Aug 2016 15:06

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tgt Ion	Ratio	Lower	Upper
113	100		
55	153.8	135.9	175.9
56	114.5	93.9	133.9

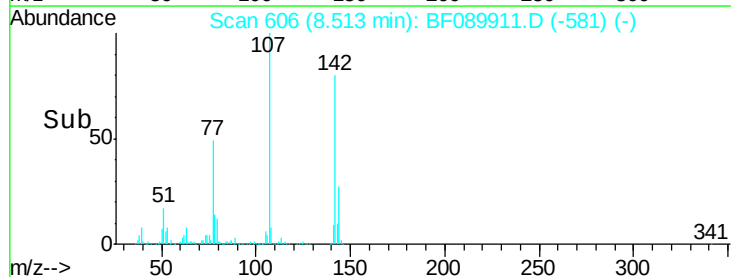
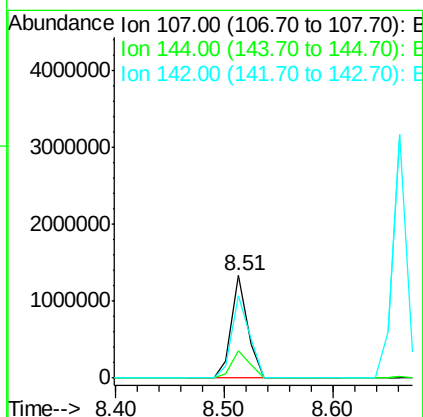
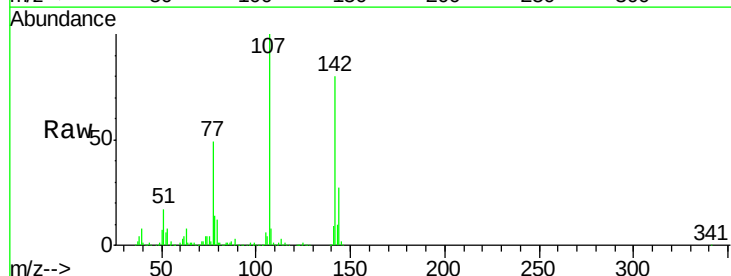
Manual Integrations
 APPROVED

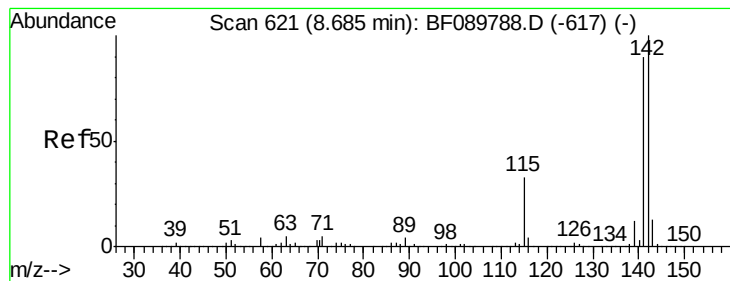
sohil
 8/25/2016 7:42:32 PM



#36
 4-Chloro-3-methylphenol
 Concen: 34.73 ng
 RT: 8.51 min Scan# 606
 Delta R.T. -0.01 min
 Lab File: BF089911.D
 Acq: 25 Aug 2016 15:06

Tgt Ion	Ratio	Lower	Upper
107	100		
144	26.9	22.6	34.0
142	80.4	69.3	103.9





#37

2-Methylnaphthalene

Concen: 34.76 ng m

RT: 8.66 min Scan# 619

Delta R.T. -0.02 min

Lab File: BF089911.D

Acq: 25 Aug 2016 15:06

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tgt Ion:142 Resp: 2827163

Ion Ratio Lower Upper

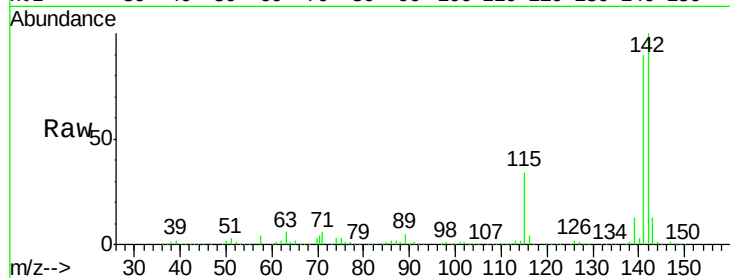
142 100

141 89.7 71.4 107.2

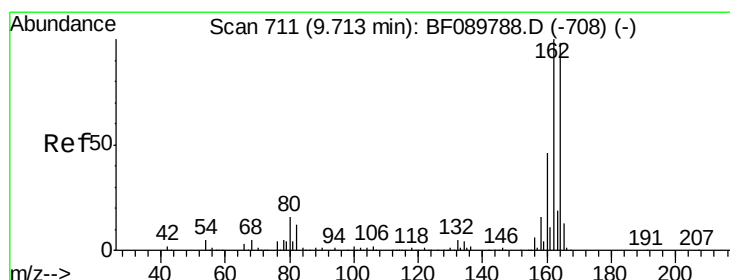
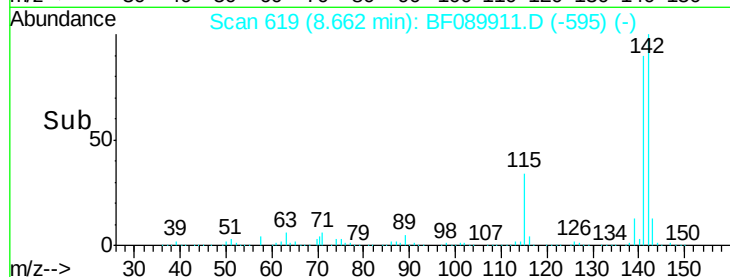
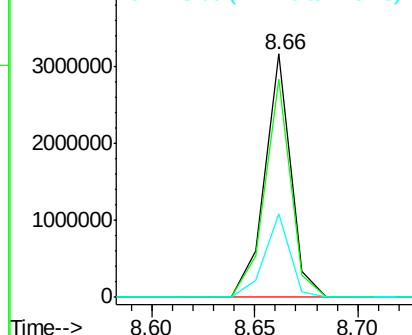
115 34.2 22.7 34.1#

Manual Integrations
APPROVED

sohil
8/25/2016 7:42:32 PM



Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.70 min Scan# 710

Delta R.T. -0.01 min

Lab File: BF089911.D

Acq: 25 Aug 2016 15:06

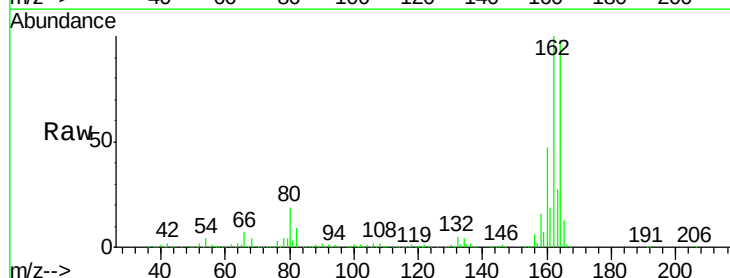
Tgt Ion:164 Resp: 1286783

Ion Ratio Lower Upper

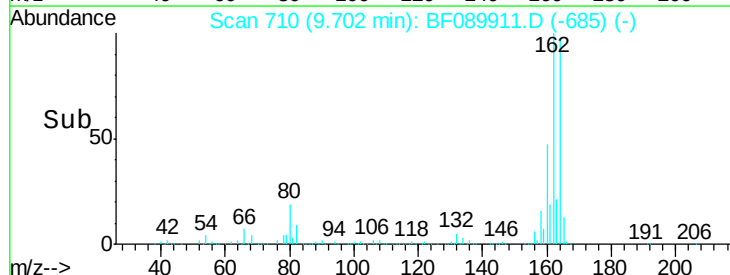
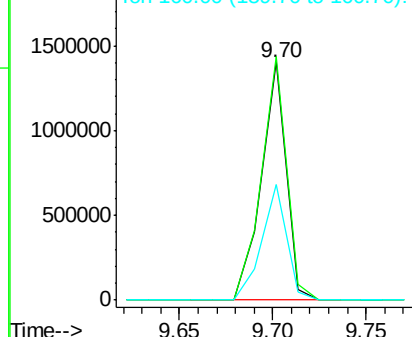
164 100

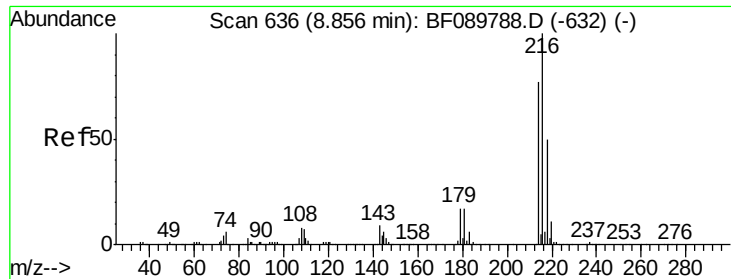
162 102.1 81.4 122.2

160 48.5 37.8 56.6



Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E





#39

1,2,4,5-Tetrachlorobenzene

Concen: 36.87 ng

RT: 8.83 min Scan# 634

Delta R.T. -0.02 min

Lab File: BF089911.D

Acq: 25 Aug 2016 15:06

Instrument :

BNA_F

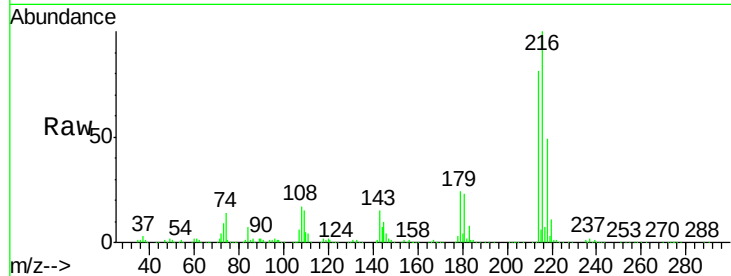
ClientSampleId :

SSTDCCC040EC

Tgt Ion:	216	Resp:	1536419
Ion Ratio	Lower	Upper	
216	100		
214	81.0	63.5	95.3
179	24.5	19.9	29.9
108	21.1	19.9	29.9

Manual Integrations
APPROVED

sohil
8/25/2016 7:42:32 PM

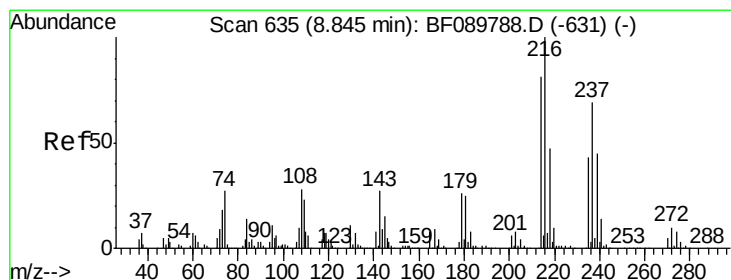
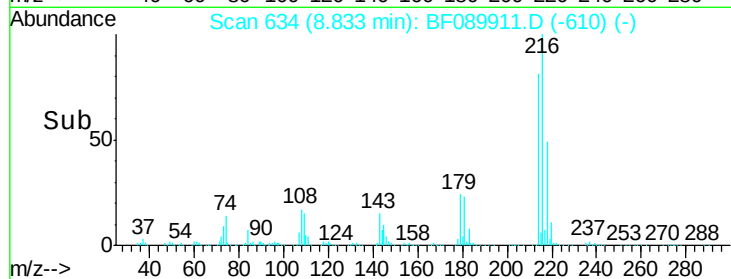
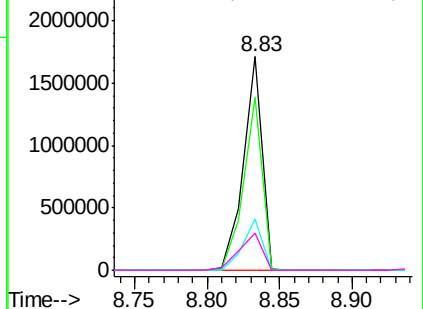


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 47.00 ng

RT: 8.82 min Scan# 633

Delta R.T. -0.02 min

Lab File: BF089911.D

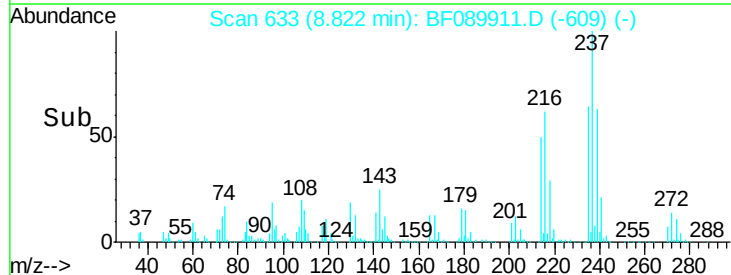
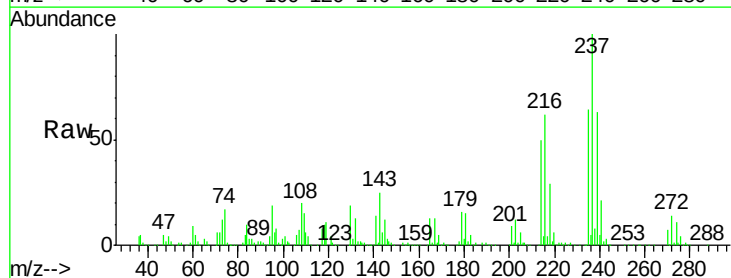
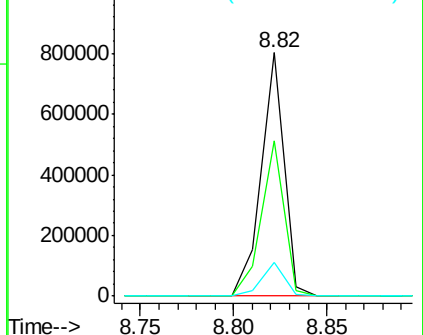
Acq: 25 Aug 2016 15:06

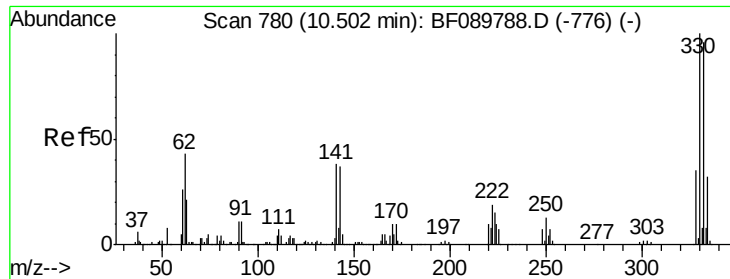
Tgt Ion:	237	Resp:	679966
Ion Ratio	Lower	Upper	
237	100		
235	63.8	43.7	83.7
272	13.7	0.0	31.6

Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E





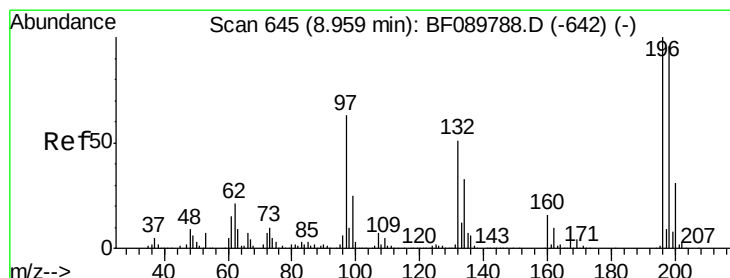
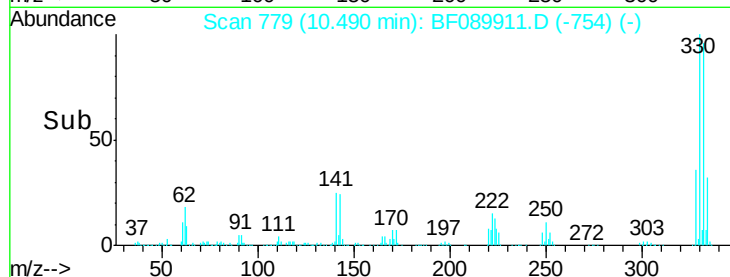
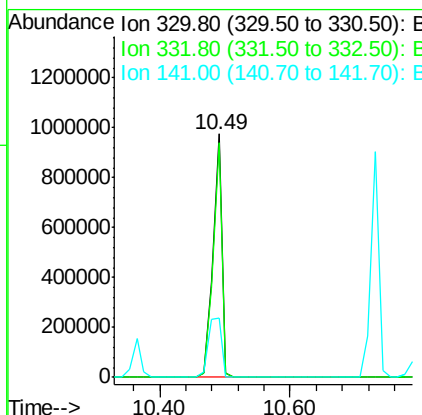
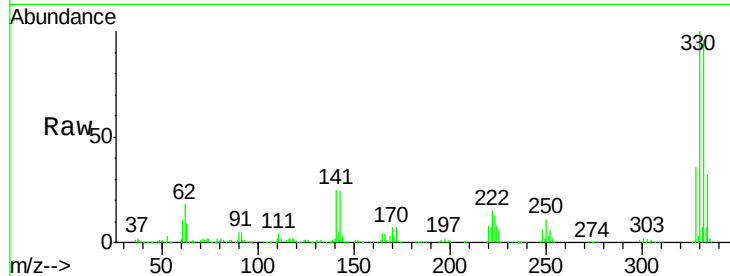
#41
 2,4,6-Tribromophenol
 Concen: 78.84 ng
 RT: 10.49 min Scan# 779
 Delta R.T. -0.01 min
 Lab File: BF089911.D
 Acq: 25 Aug 2016 15:06

Instrument :
 BNA_F
 ClientSampleId :
 SSTDC040EC

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	964077		
332	96.1	76.7	115.1	
141	35.6	30.2	45.2	

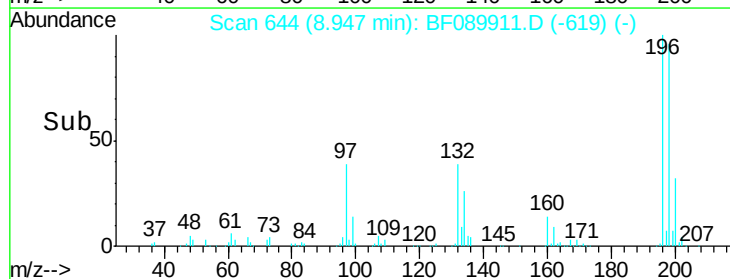
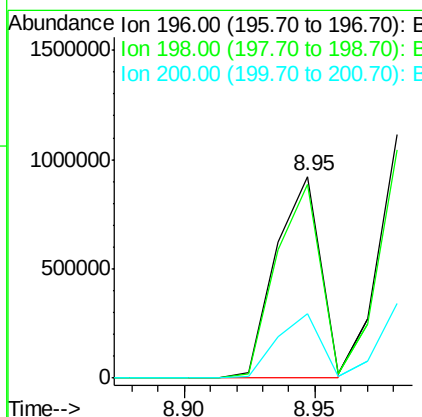
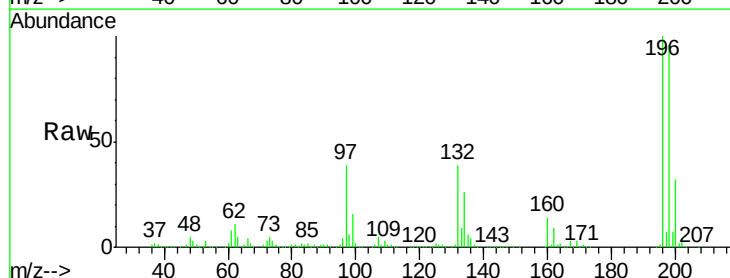
Manual Integrations
 APPROVED

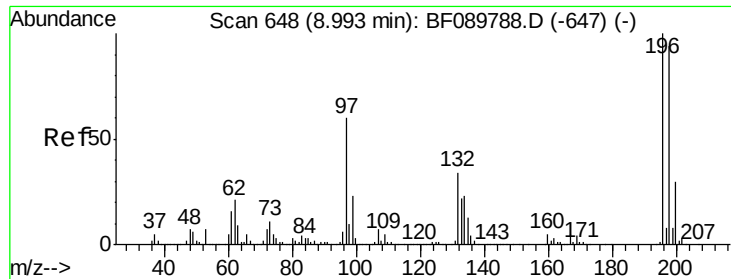
sohil
 8/25/2016 7:42:32 PM



#42
 2,4,6-Trichlorophenol
 Concen: 41.54 ng
 RT: 8.95 min Scan# 644
 Delta R.T. -0.01 min
 Lab File: BF089911.D
 Acq: 25 Aug 2016 15:06

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	1088858		
198	96.3	76.3	114.5	
200	32.0	24.6	36.8	





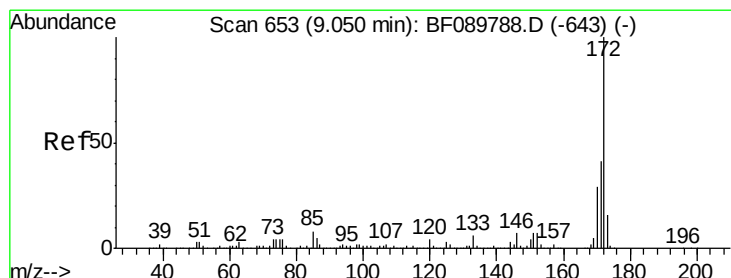
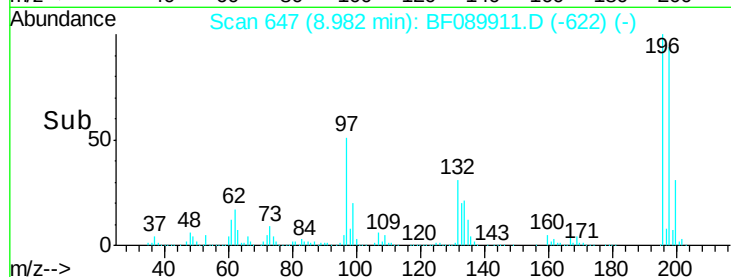
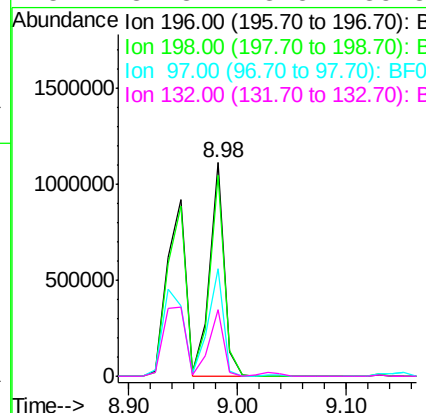
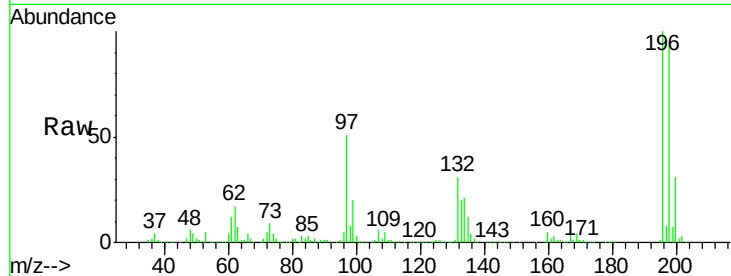
#43
 2,4,5-Trichlorophenol
 Concen: 40.18 ng
 RT: 8.98 min Scan# 647
 Delta R.T. -0.01 min
 Lab File: BF089911.D
 Acq: 25 Aug 2016 15:06

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tgt Ion	Ratio	Lower	Upper
196	100		
198	94.0	76.6	114.8
97	50.6	35.8	53.8
132	31.3	23.5	35.3

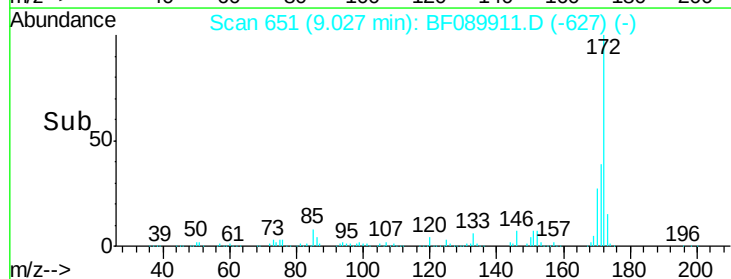
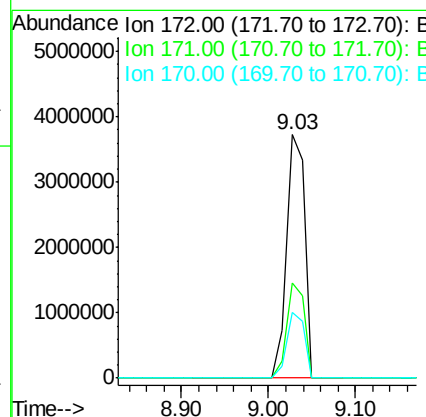
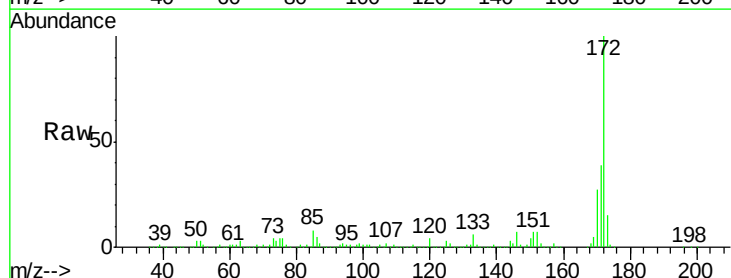
Manual Integrations
 APPROVED

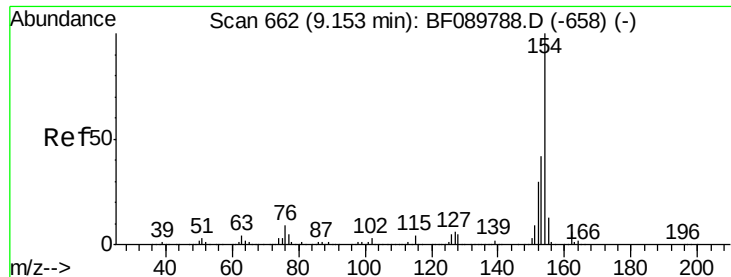
sohil
 8/25/2016 7:42:32 PM



#44
 2-Fluorobiphenyl
 Concen: 73.18 ng
 RT: 9.03 min Scan# 651
 Delta R.T. -0.02 min
 Lab File: BF089911.D
 Acq: 25 Aug 2016 15:06

Tgt Ion	Ratio	Lower	Upper
172	100		
171	39.2	30.5	45.7
170	27.0	20.6	31.0





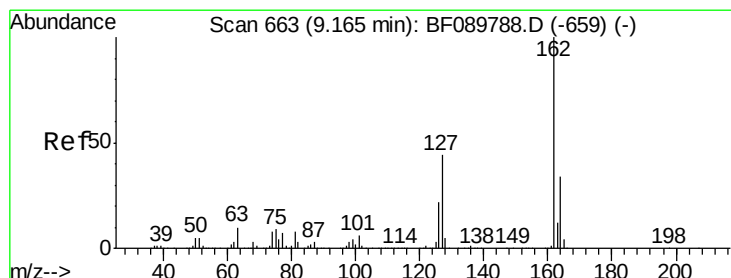
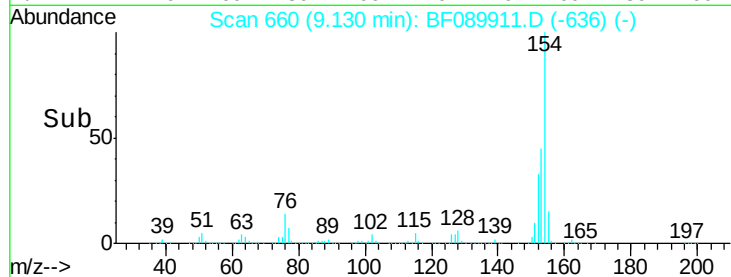
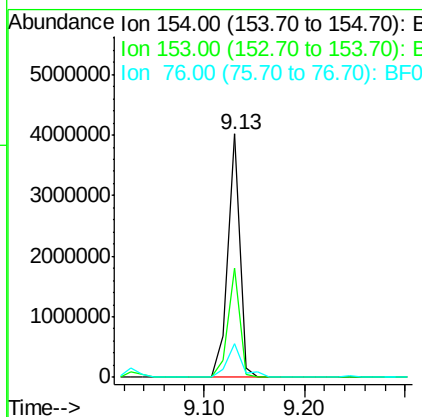
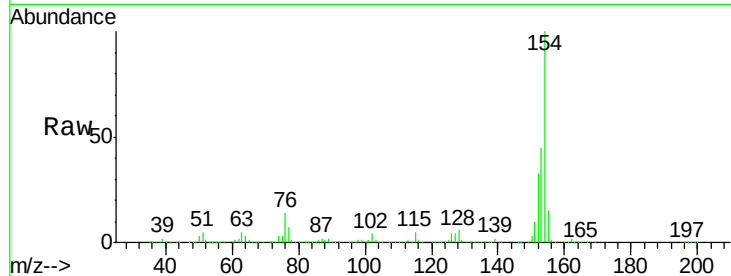
#45
 1,1'-Biphenyl
 Concen: 33.64 ng
 RT: 9.13 min Scan# 660
 Delta R.T. -0.02 min
 Lab File: BF089911.D
 Acq: 25 Aug 2016 15:06

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tgt Ion:154 Resp: 3350100
 Ion Ratio Lower Upper
 154 100
 153 44.6 21.5 61.5
 76 13.6 0.0 36.7

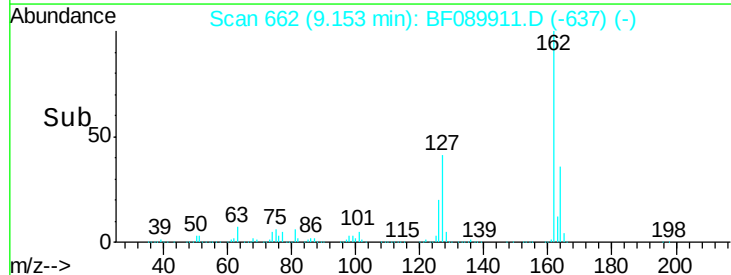
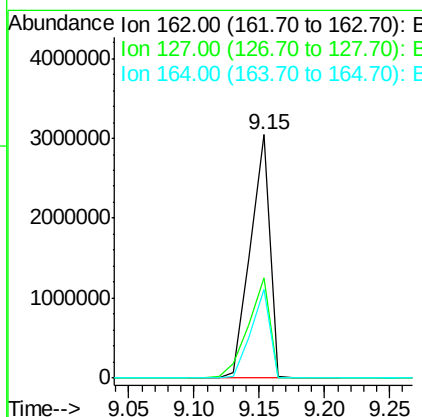
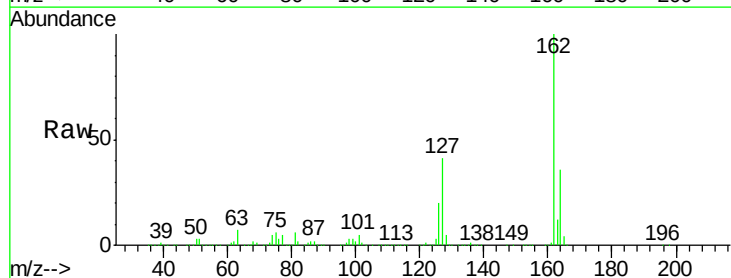
Manual Integrations
 APPROVED

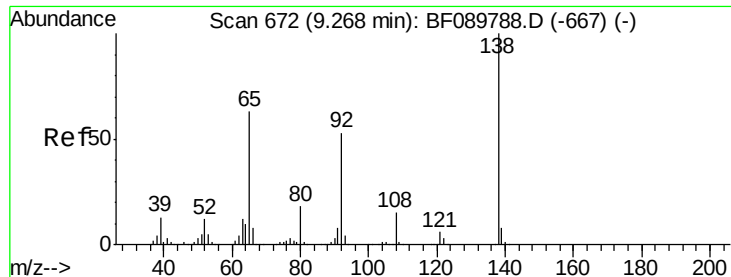
sohil
 8/25/2016 7:42:32 PM



#46
 2-Chloronaphthalene
 Concen: 40.25 ng
 RT: 9.15 min Scan# 662
 Delta R.T. -0.01 min
 Lab File: BF089911.D
 Acq: 25 Aug 2016 15:06

Tgt Ion:162 Resp: 3168216
 Ion Ratio Lower Upper
 162 100
 127 41.3 35.5 53.3
 164 36.4 26.6 40.0





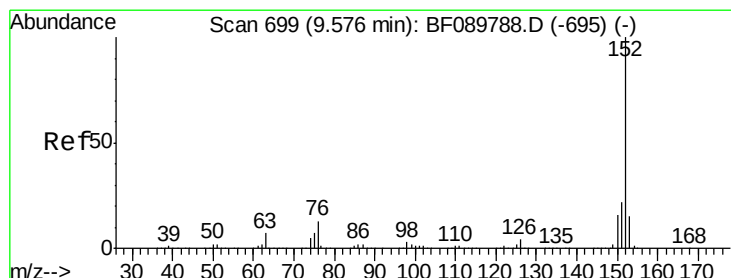
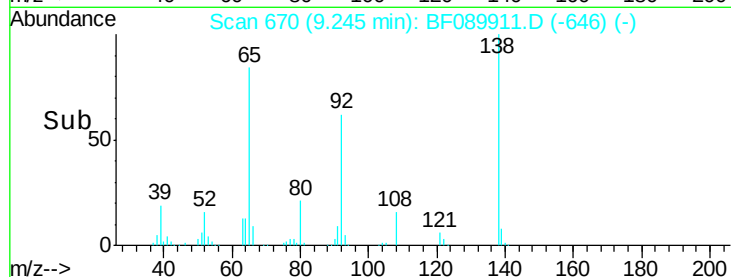
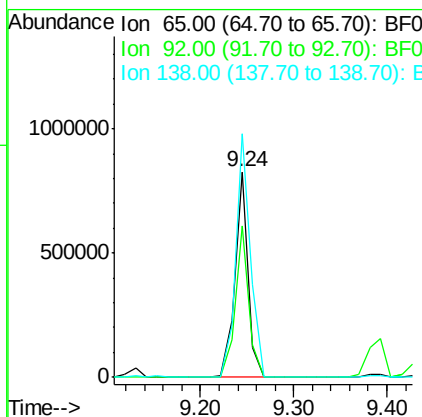
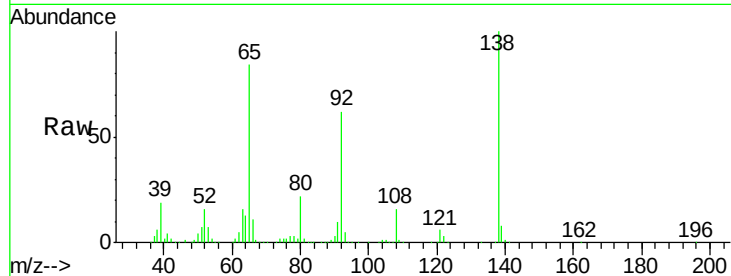
#47
 2-Nitroaniline
 Concen: 36.36 ng
 RT: 9.24 min Scan# 670
 Delta R.T. -0.02 min
 Lab File: BF089911.D
 Acq: 25 Aug 2016 15:06

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tgt Ion:	65	Resp:	816243
Ion Ratio	Lower	Upper	
65	100		
92	73.8	56.3	84.5
138	118.4	81.8	122.8

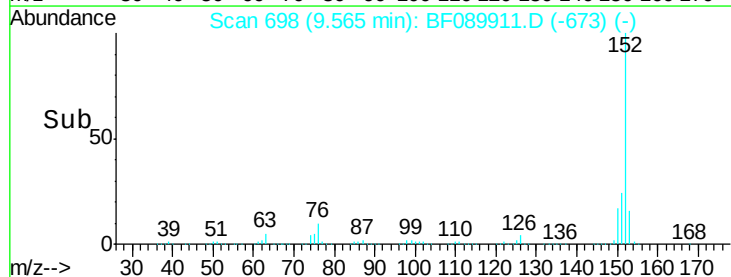
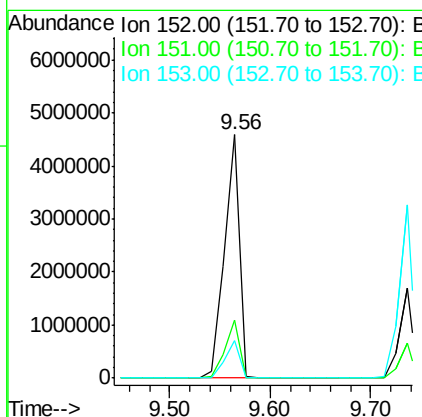
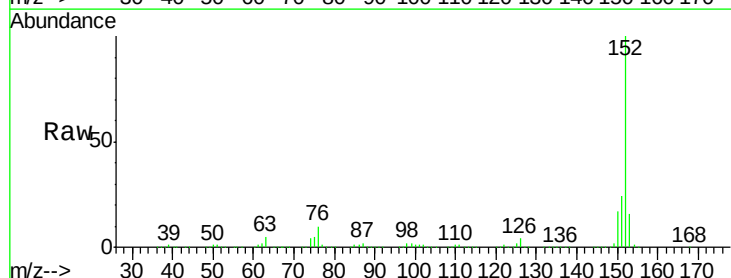
Manual Integrations
 APPROVED

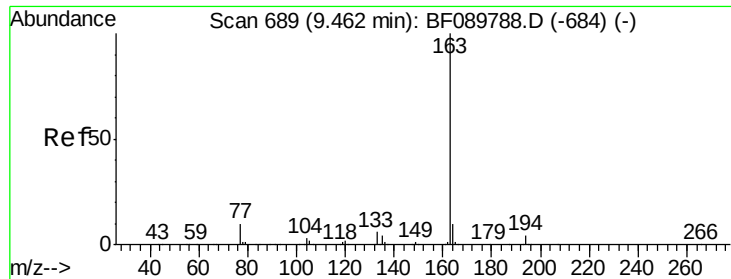
sohil
 8/25/2016 7:42:32 PM



#48
 Acenaphthylene
 Concen: 39.79 ng
 RT: 9.56 min Scan# 698
 Delta R.T. -0.01 min
 Lab File: BF089911.D
 Acq: 25 Aug 2016 15:06

Tgt Ion:	152	Resp:	4706664
Ion Ratio	Lower	Upper	
152	100		
151	23.8	17.1	25.7
153	15.6	11.2	16.8





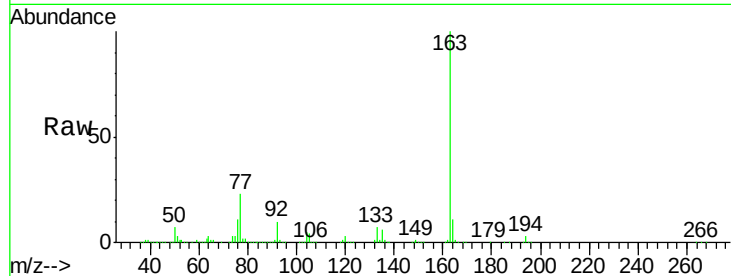
#49
Dimethylphthalate
Concen: 37.22 ng
RT: 9.44 min Scan# 687
Delta R.T. -0.02 min
Lab File: BF089911.D
Acq: 25 Aug 2016 15:06

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

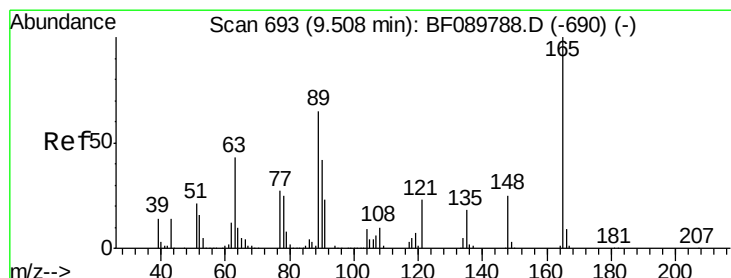
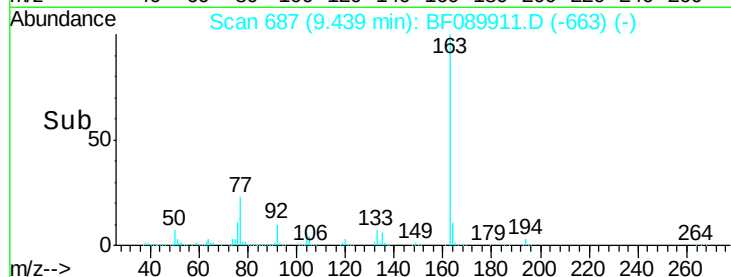
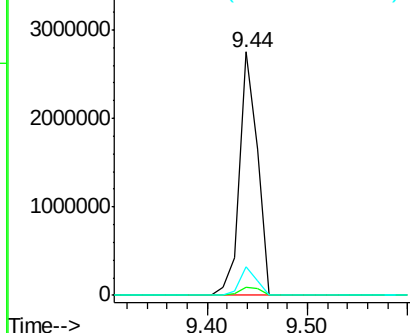
Tgt Ion:163 Resp: 3372668
Ion Ratio Lower Upper
163 100
194 3.4 2.6 3.8
164 11.5 8.6 12.8

Manual Integrations
APPROVED

sohil
8/25/2016 7:42:32 PM

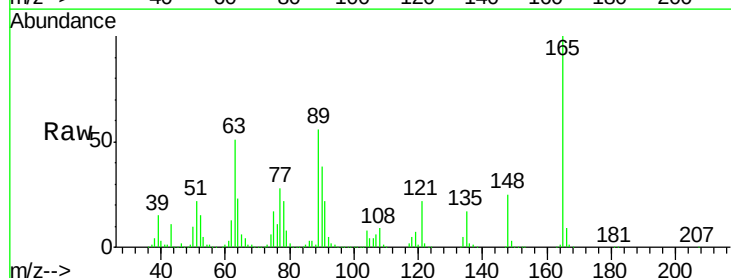


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

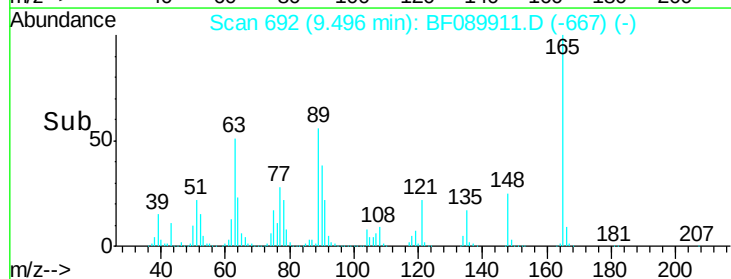
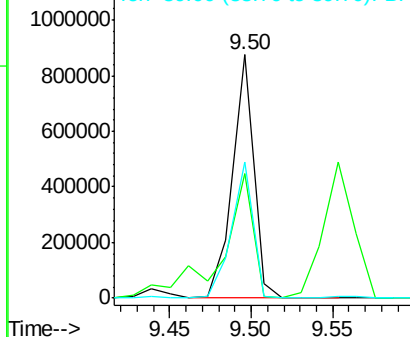


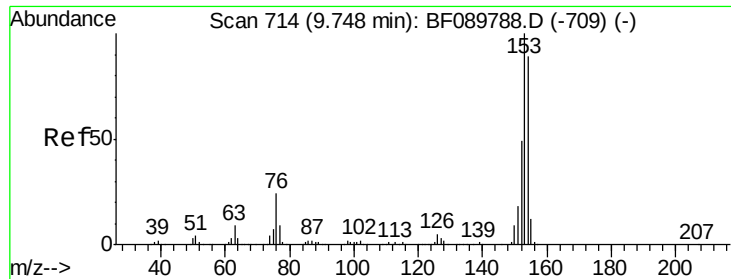
#50
2,6-Dinitrotoluene
Concen: 37.50 ng
RT: 9.50 min Scan# 692
Delta R.T. -0.01 min
Lab File: BF089911.D
Acq: 25 Aug 2016 15:06

Tgt Ion:165 Resp: 784421
Ion Ratio Lower Upper
165 100
63 51.0 41.7 62.5
89 55.7 44.6 67.0



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





#51

Acenaphthene

Concen: 37.13 ng

RT: 9.74 min Scan# 713

Delta R.T. -0.01 min

Lab File: BF089911.D

Acq: 25 Aug 2016 15:06

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tgt Ion:154 Resp: 2906428

Ion Ratio Lower Upper

154 100

153 111.3 90.5 135.7

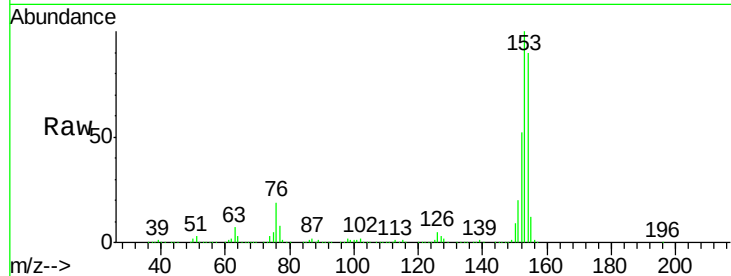
152 57.6 44.6 67.0

Manual Integrations

APPROVED

sohil

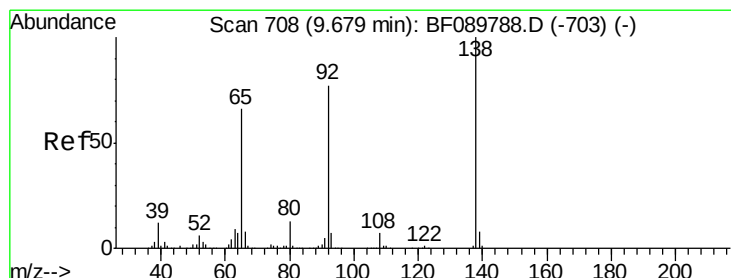
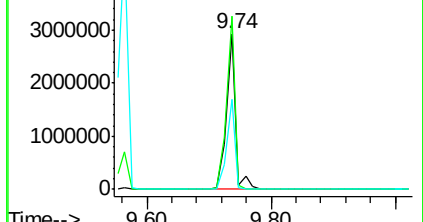
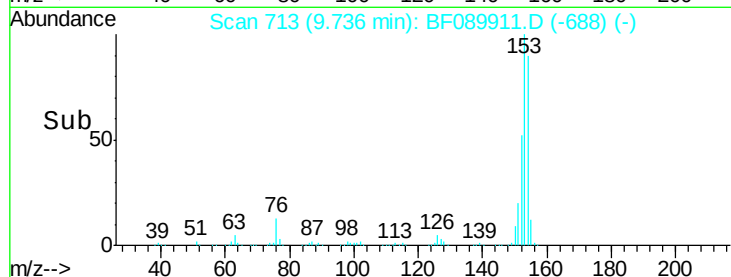
8/25/2016 7:42:32 PM



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 45.05 ng

RT: 9.66 min Scan# 706

Delta R.T. -0.02 min

Lab File: BF089911.D

Acq: 25 Aug 2016 15:06

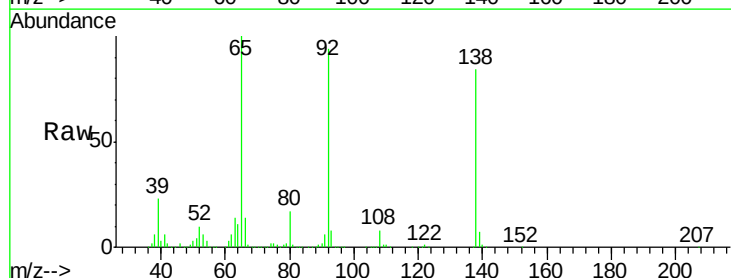
Tgt Ion:138 Resp: 1043920

Ion Ratio Lower Upper

138 100

108 9.6 8.1 12.1

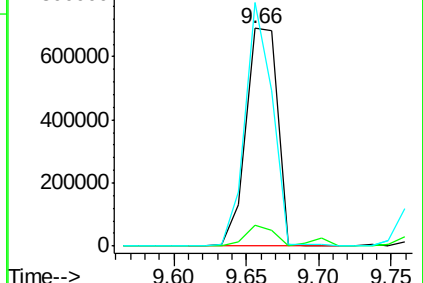
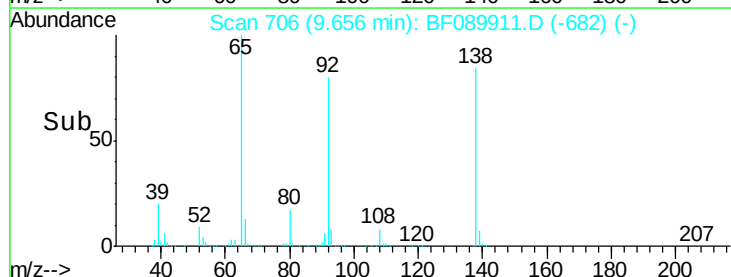
92 111.7 92.7 139.1

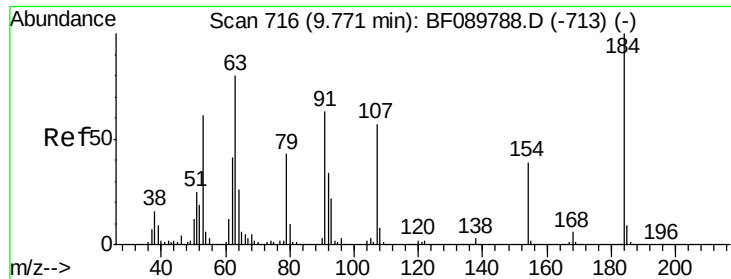


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0





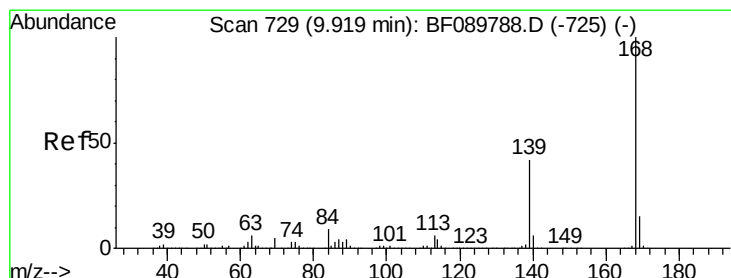
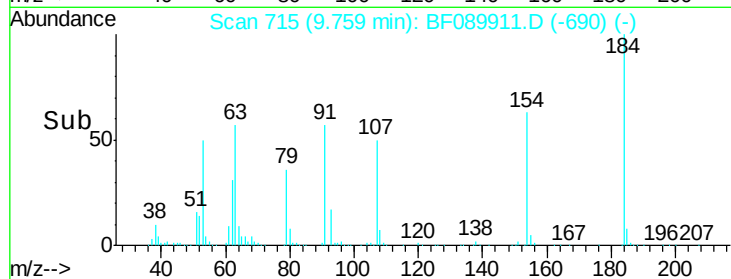
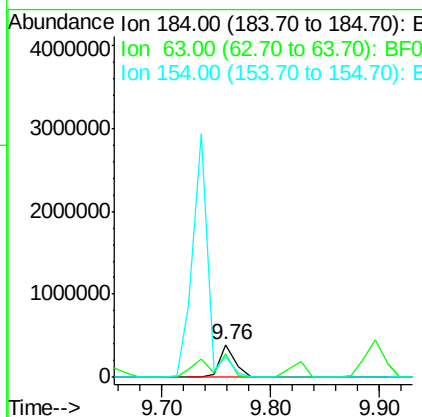
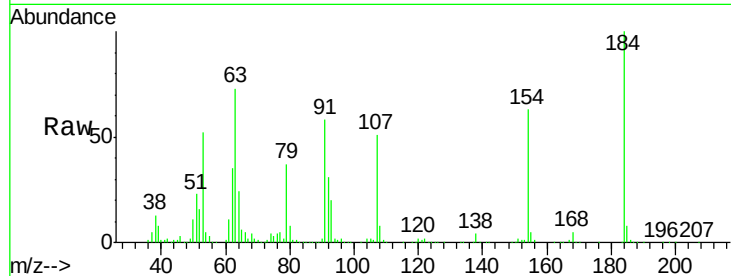
#53
 2,4-Dinitrophenol
 Concen: 41.00 ng
 RT: 9.76 min Scan# 715
 Delta R.T. -0.01 min
 Lab File: BF089911.D
 Acq: 25 Aug 2016 15:06

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	392428		
63	72.8	54.2	81.4	
154	62.8	52.7	79.1	

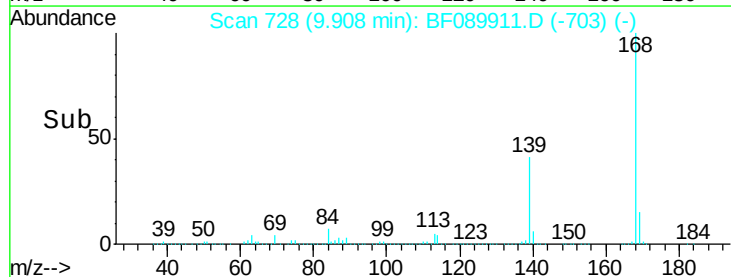
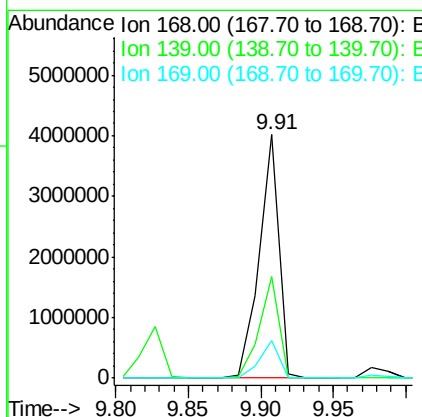
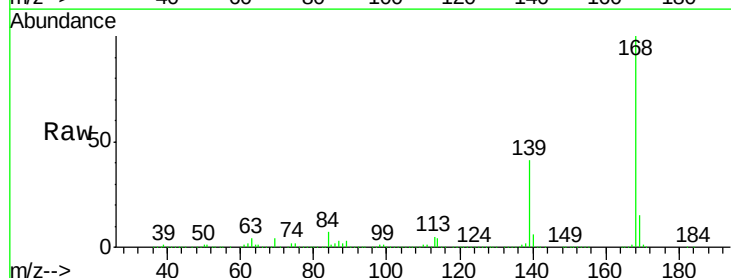
Manual Integrations
 APPROVED

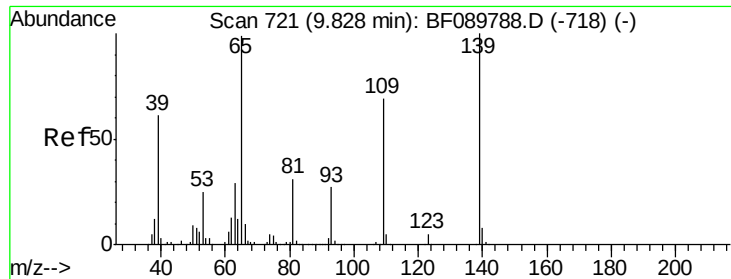
sohil
 8/25/2016 7:42:32 PM



#54
 Dibenzofuran
 Concen: 38.33 ng
 RT: 9.91 min Scan# 728
 Delta R.T. -0.01 min
 Lab File: BF089911.D
 Acq: 25 Aug 2016 15:06

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	3769275		
139	41.4	34.6	52.0	
169	15.4	11.5	17.3	





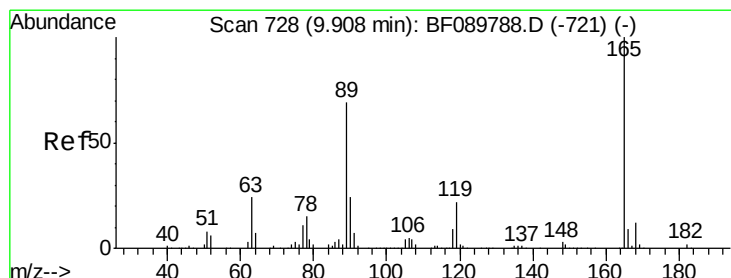
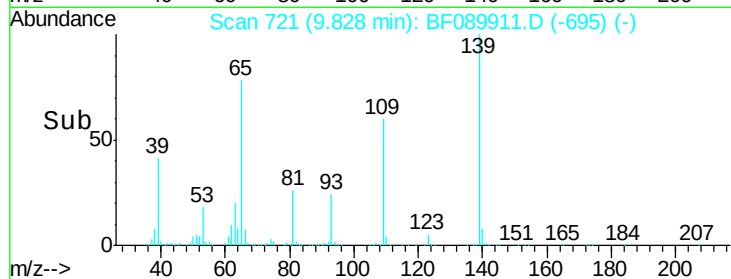
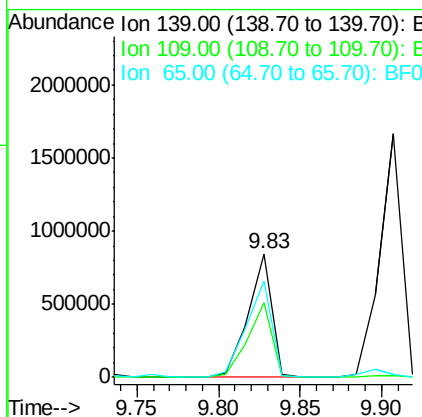
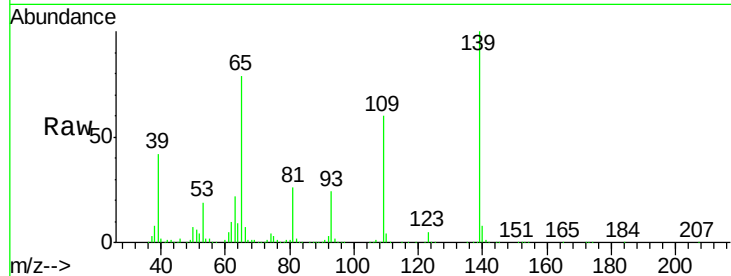
#55
4-Nitrophenol
Concen: 45.13 ng
RT: 9.83 min Scan# 721
Delta R.T. 0.00 min
Lab File: BF089911.D
Acq: 25 Aug 2016 15:06

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	853722		
109	60.3	43.0	83.0	
65	78.6	55.7	95.7	

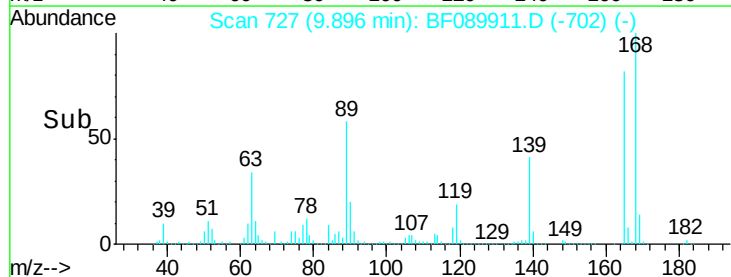
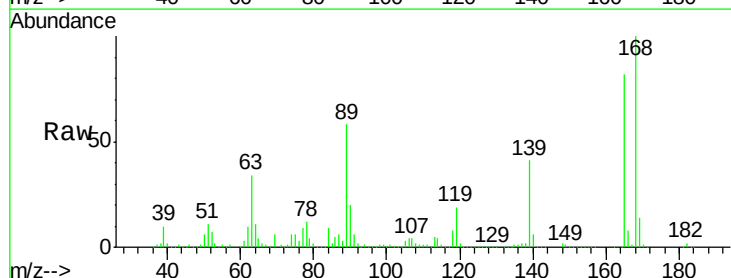
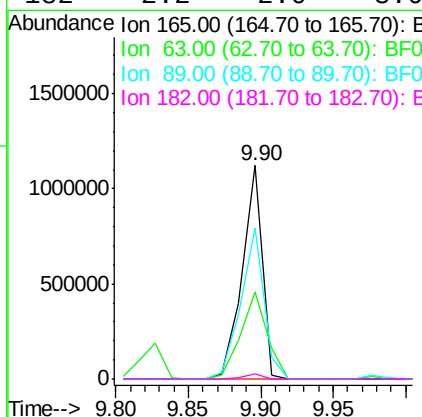
Manual Integrations
APPROVED

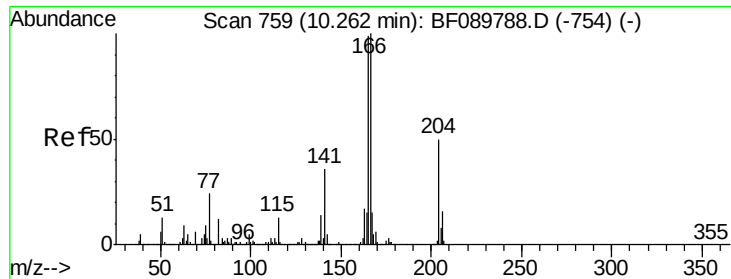
sohil
8/25/2016 7:42:32 PM



#56
2,4-Dinitrotoluene
Concen: 39.58 ng
RT: 9.90 min Scan# 727
Delta R.T. -0.01 min
Lab File: BF089911.D
Acq: 25 Aug 2016 15:06

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	1074274		
63	40.8	23.7	35.5#	
89	70.6	44.0	66.0#	
182	2.2	2.0	3.0	





#57

Fluorene

Concen: 38.62 ng

RT: 10.25 min Scan# 758

Delta R.T. -0.01 min

Lab File: BF089911.D

Acq: 25 Aug 2016 15:06

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tgt Ion:166 Resp: 3026548

Ion Ratio Lower Upper

166 100

165 98.3 80.2 120.4

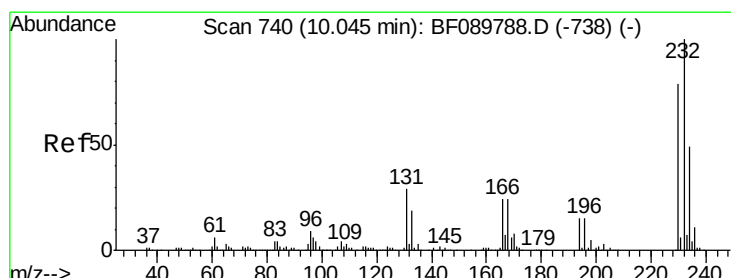
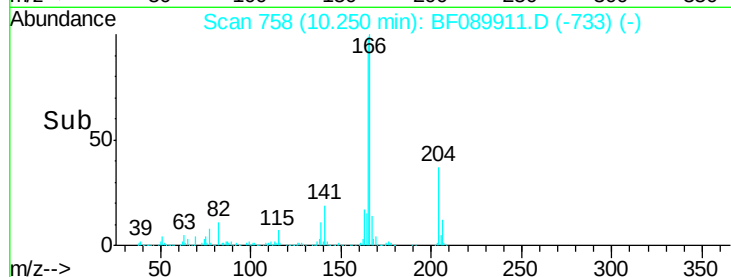
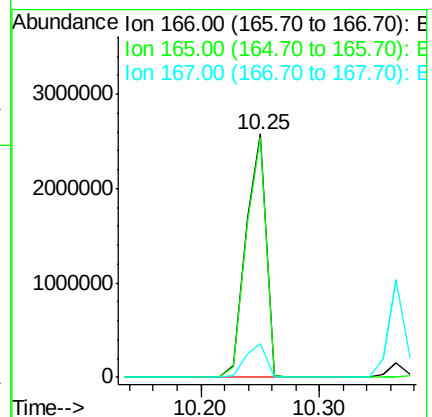
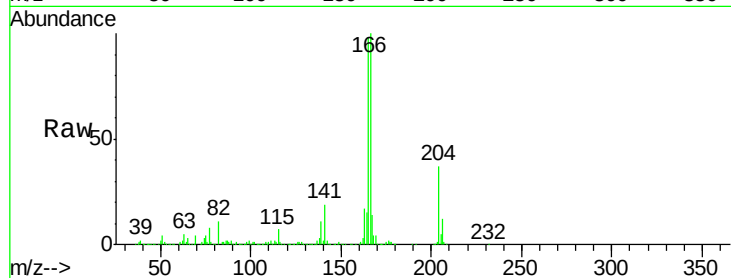
167 14.1 11.3 16.9

Manual Integrations

APPROVED

sohil

8/25/2016 7:42:32 PM



#58

2,3,4,6-Tetrachlorophenol

Concen: 37.94 ng

RT: 10.02 min Scan# 738

Delta R.T. -0.02 min

Lab File: BF089911.D

Acq: 25 Aug 2016 15:06

Tgt Ion:232 Resp: 720022

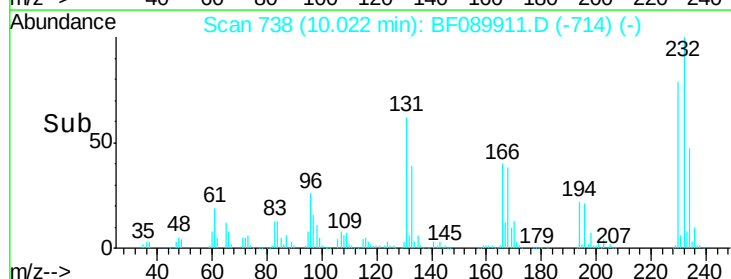
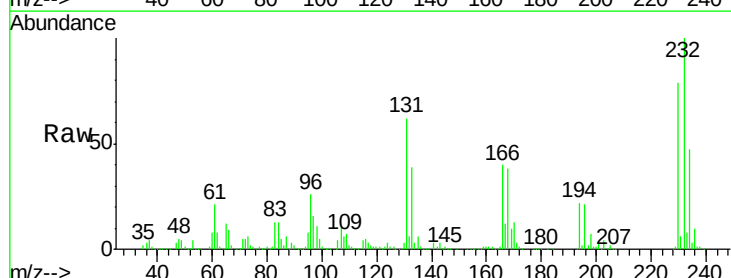
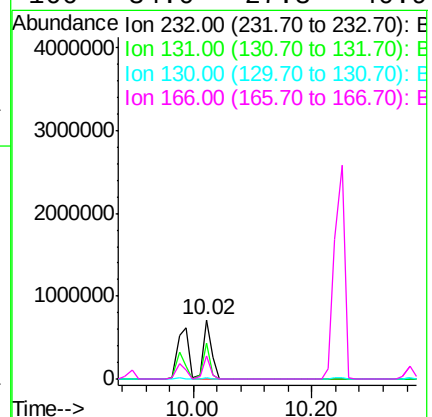
Ion Ratio Lower Upper

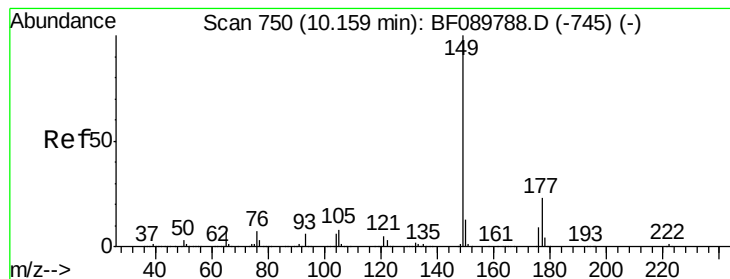
232 100

131 51.3 42.5 63.7

130 2.4 2.2 3.4

166 34.0 27.3 40.9





#59

Diethylphthalate

Concen: 37.11 ng

RT: 10.14 min Scan# 748

Delta R.T. -0.02 min

Lab File: BF089911.D

Acq: 25 Aug 2016 15:06

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tgt Ion:149 Resp: 3415870

Ion Ratio Lower Upper

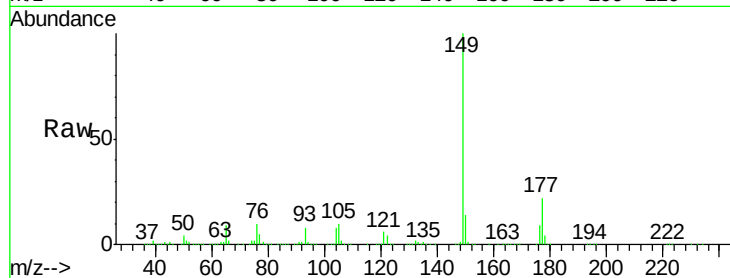
149 100

177 22.3 16.6 25.0

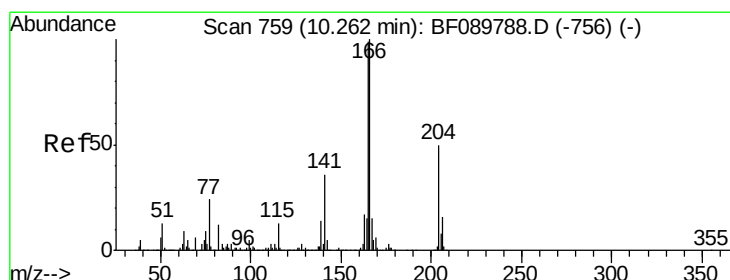
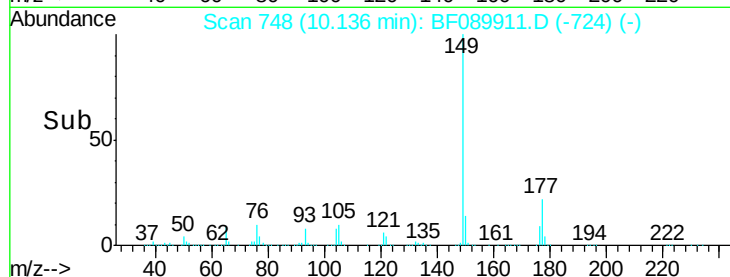
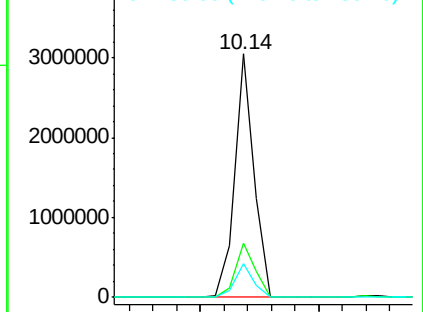
150 13.9 10.5 15.7

Manual Integrations
APPROVED

sohil
8/25/2016 7:42:32 PM



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



#60

4-Chlorophenyl-phenylether

Concen: 35.40 ng

RT: 10.25 min Scan# 758

Delta R.T. -0.01 min

Lab File: BF089911.D

Acq: 25 Aug 2016 15:06

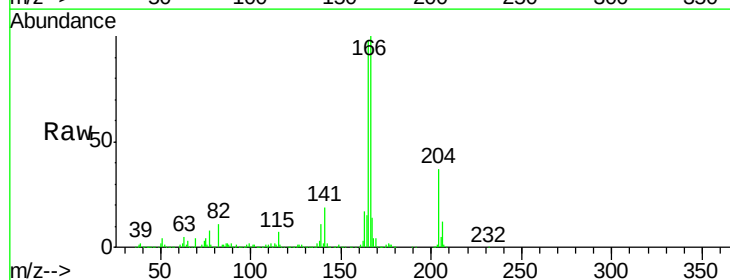
Tgt Ion:204 Resp: 1265213

Ion Ratio Lower Upper

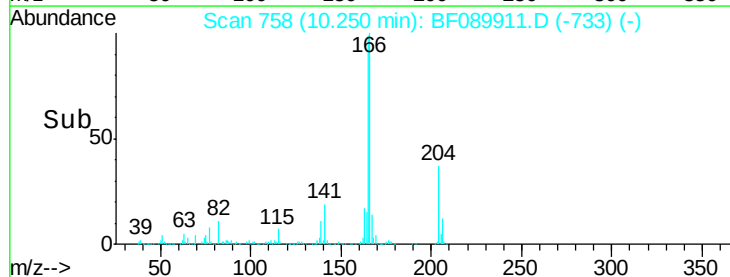
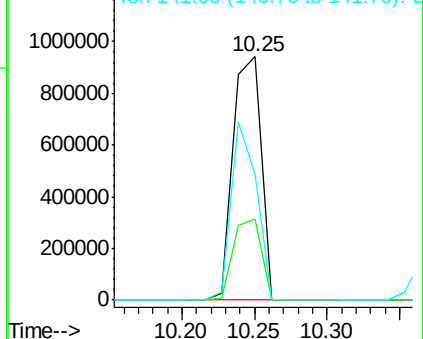
204 100

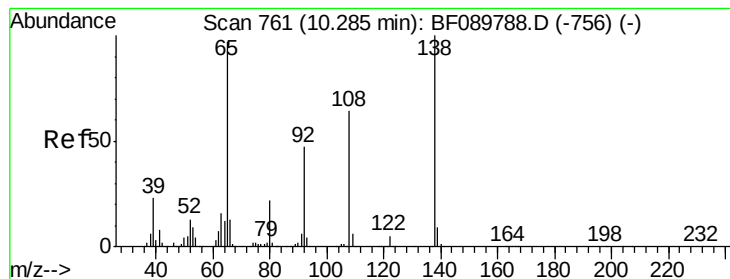
206 33.2 26.5 39.7

141 51.9 54.1 81.1#



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





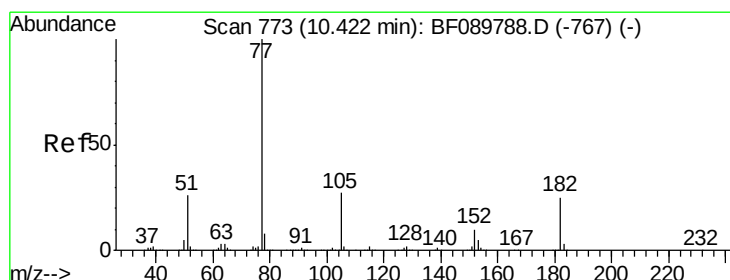
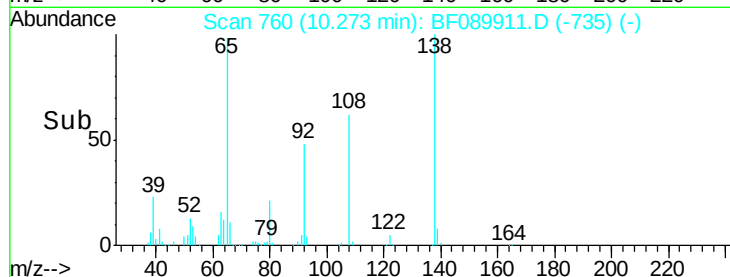
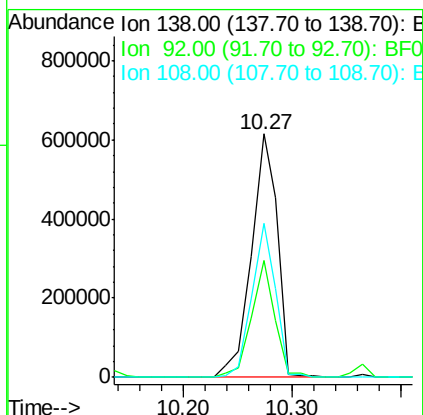
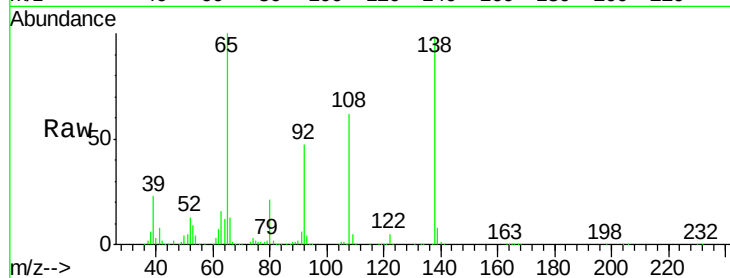
#61
4-Nitroaniline
Concen: 47.09 ng
RT: 10.27 min Scan# 760
Delta R.T. -0.01 min
Lab File: BF089911.D
Acq: 25 Aug 2016 15:06

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion	Ratio	Lower	Upper
138	100		
92	47.9	26.4	66.4
108	63.2	47.0	87.0

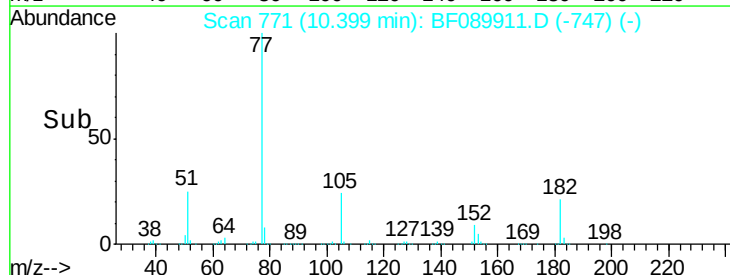
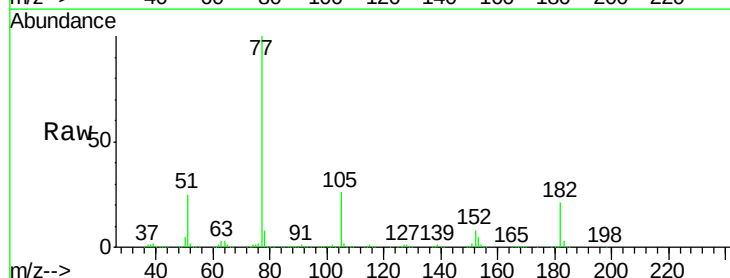
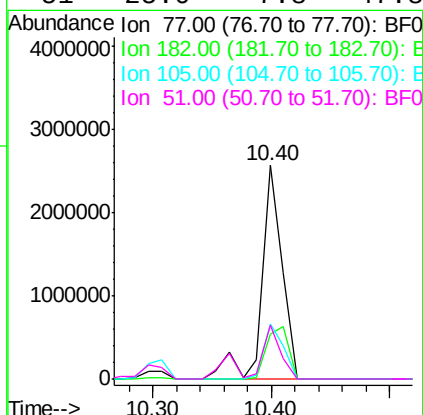
Manual Integrations
APPROVED

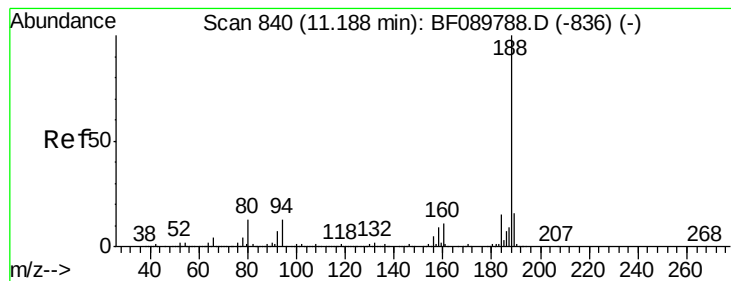
sohil
8/25/2016 7:42:32 PM



#62
Azobenzene
Concen: 35.60 ng
RT: 10.40 min Scan# 771
Delta R.T. -0.02 min
Lab File: BF089911.D
Acq: 25 Aug 2016 15:06

Tgt Ion	Ratio	Lower	Upper
77	100		
182	21.1	5.6	45.6
105	26.0	4.0	44.0
51	25.0	7.8	47.8





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.18 min Scan# 839

Delta R.T. -0.01 min

Lab File: BF089911.D

Acq: 25 Aug 2016 15:06

Instrument :

BNA_F

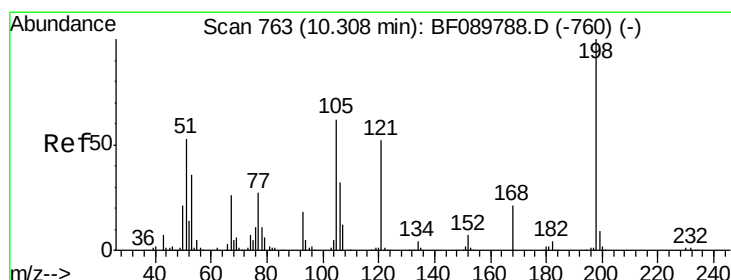
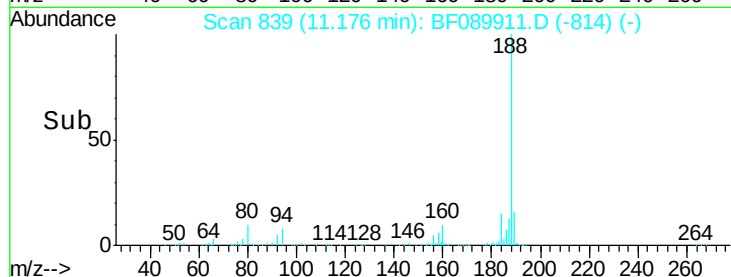
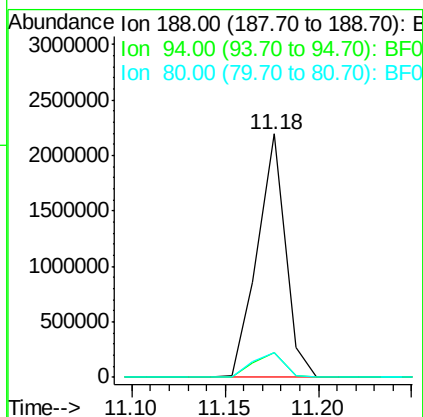
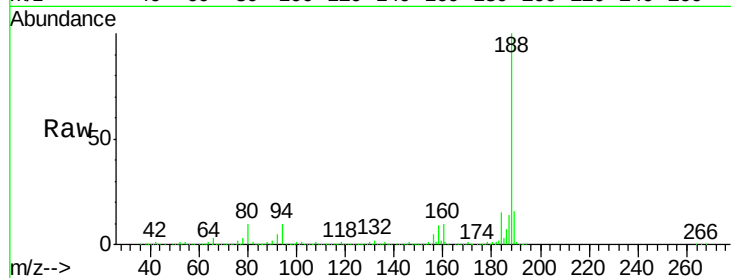
ClientSampleId :

SSTDCCC040EC

Tgt Ion:	188	Resp:	2296495
Ion Ratio	Lower	Upper	
188	100		
94	10.0	10.2	15.2#
80	10.1	10.9	16.3#

Manual Integrations
APPROVED

sohil
8/25/2016 7:42:32 PM



#64

4,6-Dinitro-2-methylphenol

Concen: 51.65 ng

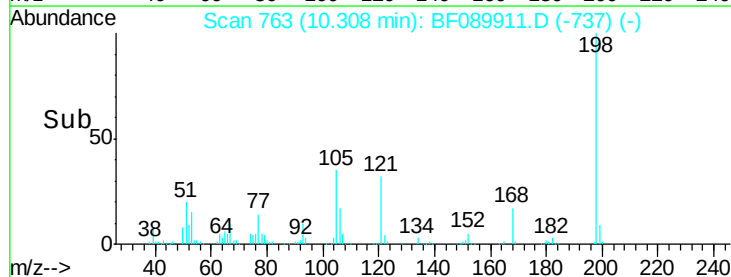
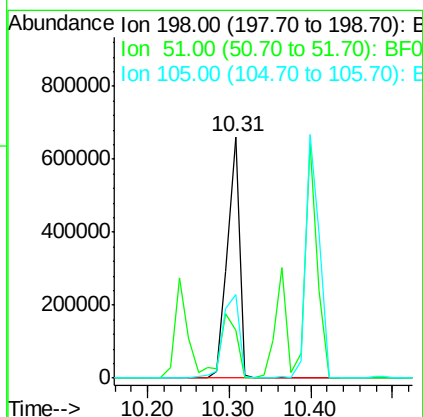
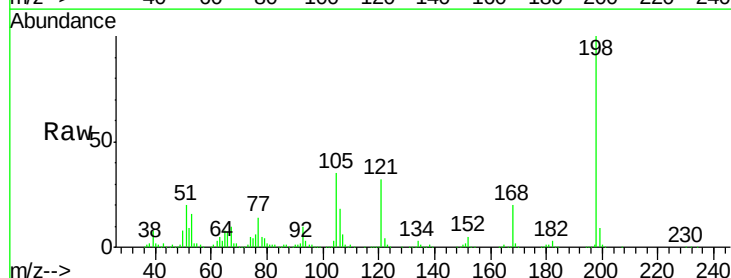
RT: 10.31 min Scan# 763

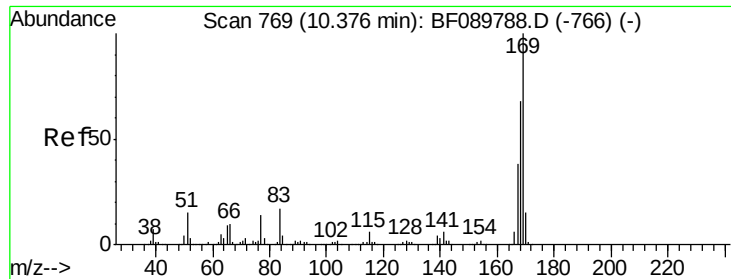
Delta R.T. 0.00 min

Lab File: BF089911.D

Acq: 25 Aug 2016 15:06

Tgt Ion:	198	Resp:	681666
Ion Ratio	Lower	Upper	
198	100		
51	19.9	32.3	72.3#
105	34.8	32.9	72.9





#65

n-Nitrosodiphenylamine

Concen: 35.11 ng

RT: 10.36 min Scan# 768

Delta R.T. -0.01 min

Lab File: BF089911.D

Acq: 25 Aug 2016 15:06

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tgt Ion:169 Resp: 2535277

Ion Ratio Lower Upper

169 100

168 69.4 54.6 82.0

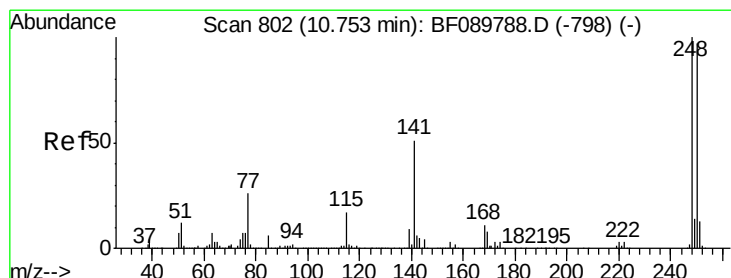
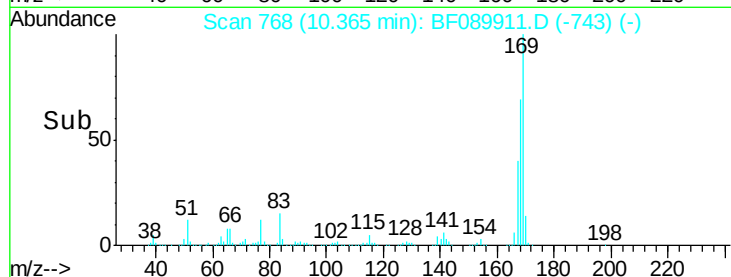
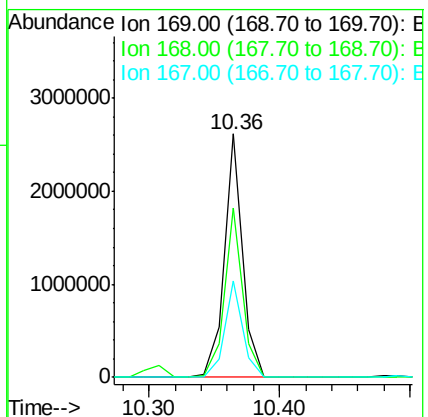
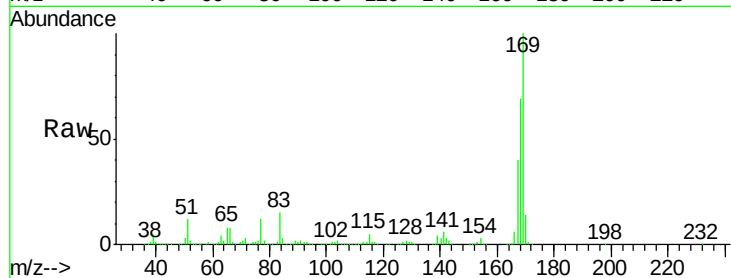
167 39.8 30.6 45.8

Manual Integrations

APPROVED

sohil

8/25/2016 7:42:32 PM



#66

4-Bromophenyl-phenylether

Concen: 35.09 ng

RT: 10.73 min Scan# 800

Delta R.T. -0.02 min

Lab File: BF089911.D

Acq: 25 Aug 2016 15:06

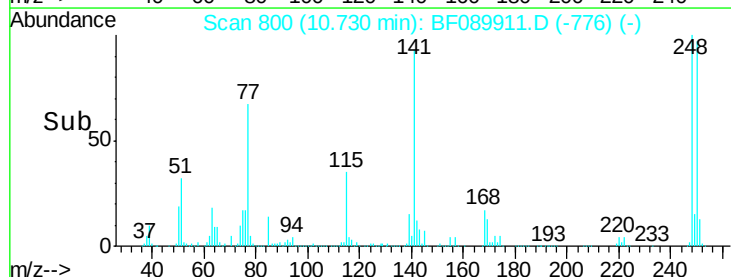
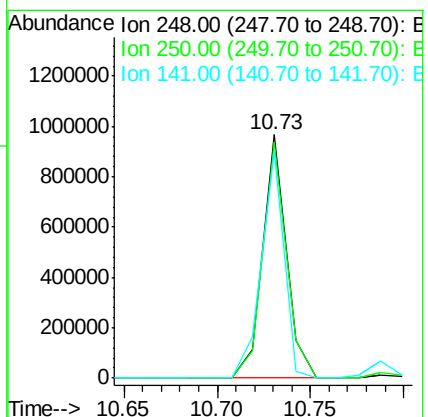
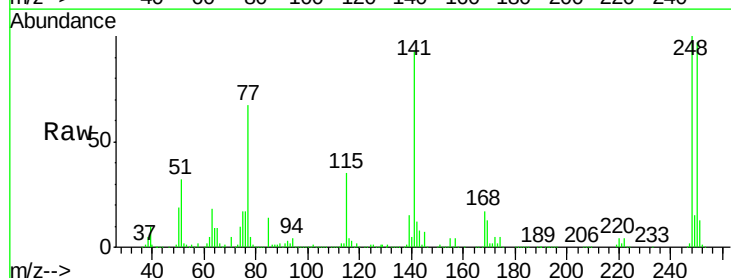
Tgt Ion:248 Resp: 844977

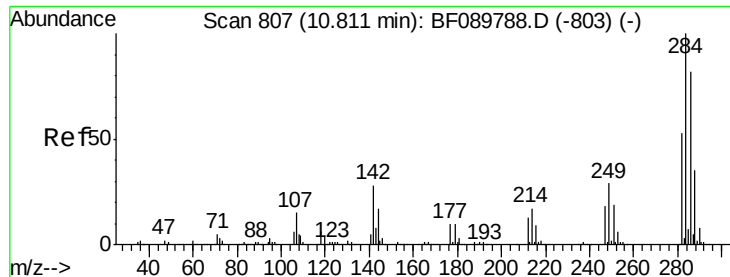
Ion Ratio Lower Upper

248 100

250 96.7 78.6 117.8

141 93.4 31.4 47.2#





#67

Hexachlorobenzene

Concen: 38.14 ng

RT: 10.79 min Scan# 805

Delta R.T. -0.02 min

Lab File: BF089911.D

Acq: 25 Aug 2016 15:06

Instrument :

BNA_F

ClientSampled :

SSTDCCC040EC

Tgt Ion:284 Resp: 1047662

Ion Ratio Lower Upper

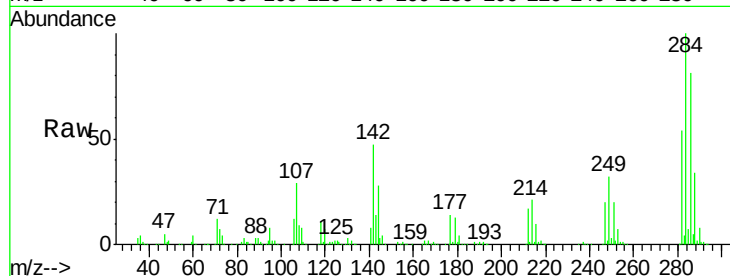
284 100

142 47.3 17.4 26.2#

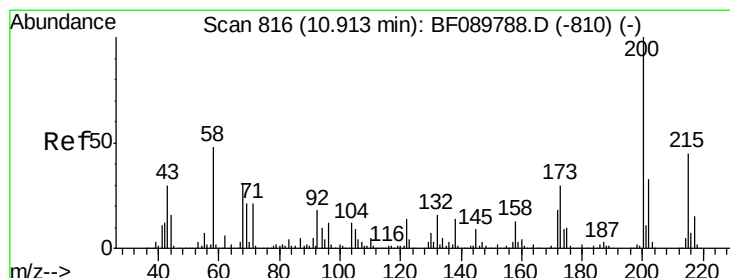
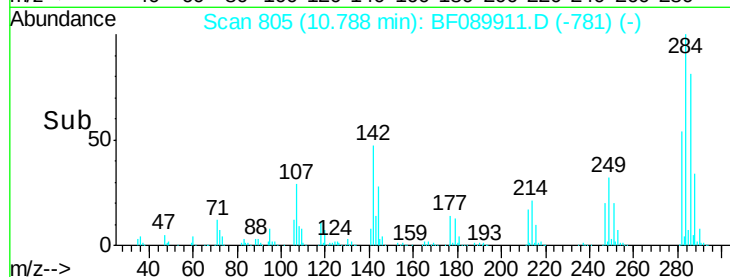
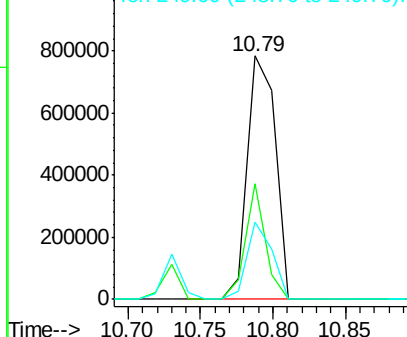
249 31.7 22.8 34.2

Manual Integrations
APPROVED

sohil
8/25/2016 7:42:32 PM



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



#68

Atrazine

Concen: 42.79 ng

RT: 10.90 min Scan# 815

Delta R.T. -0.01 min

Lab File: BF089911.D

Acq: 25 Aug 2016 15:06

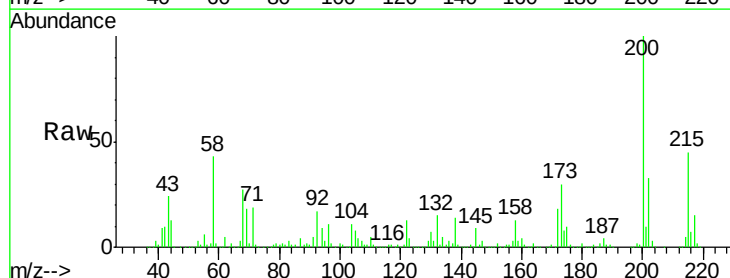
Tgt Ion:200 Resp: 946219

Ion Ratio Lower Upper

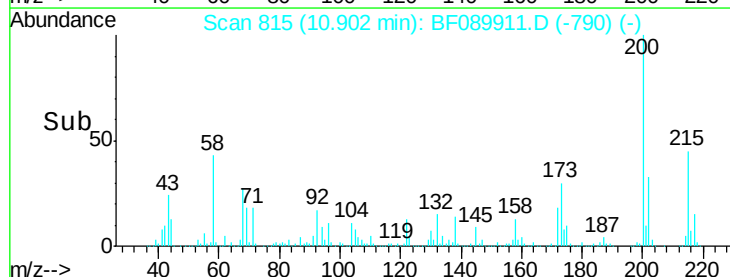
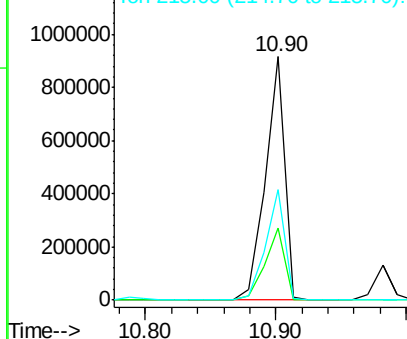
200 100

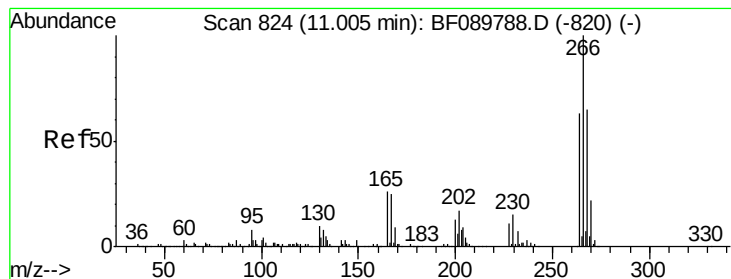
173 29.9 6.6 46.6

215 45.2 24.7 64.7



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





#69

Pentachlorophenol

Concen: 40.24 ng

RT: 10.98 min Scan# 822

Delta R.T. -0.02 min

Lab File: BF089911.D

Acq: 25 Aug 2016 15:06

Instrument :

BNA_F

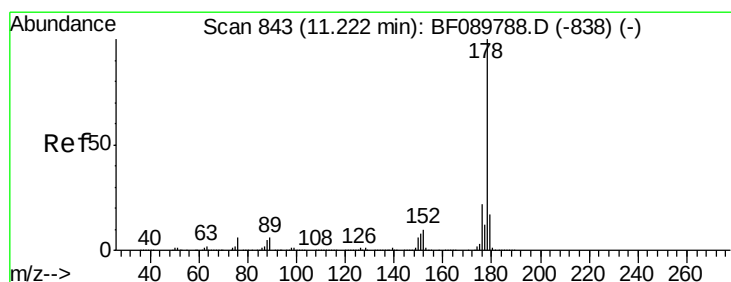
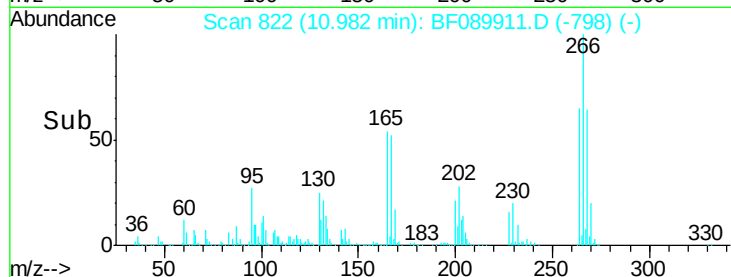
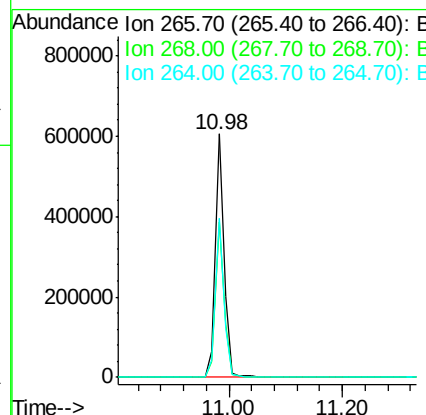
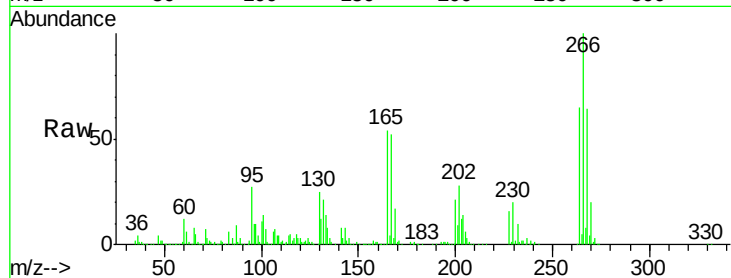
ClientSampleId :

SSTDCCC040EC

Tgt Ion:	266	Resp:	626477
Ion Ratio	Lower	Upper	
266	100		
268	63.8	53.2	79.8
264	65.5	51.1	76.7

Manual Integrations
APPROVED

sohil
8/25/2016 7:42:32 PM



#70

Phenanthrene

Concen: 34.08 ng

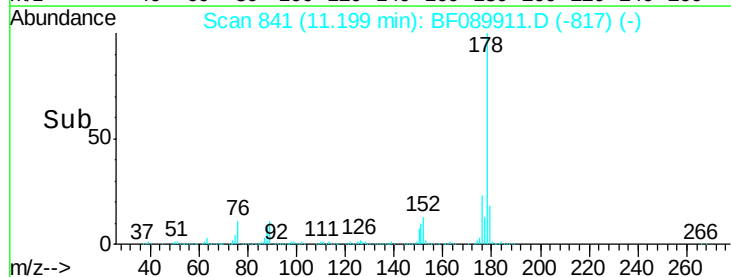
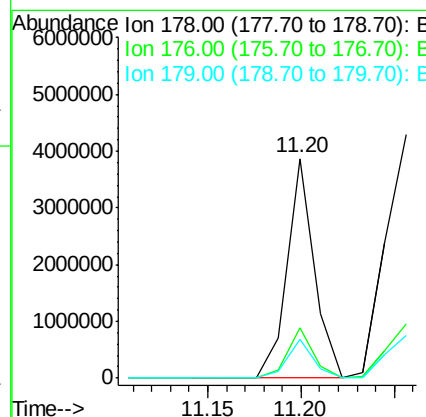
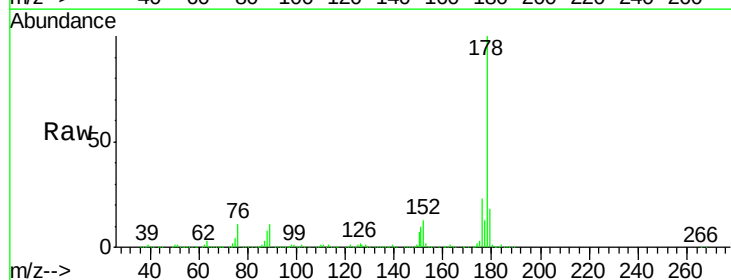
RT: 11.20 min Scan# 841

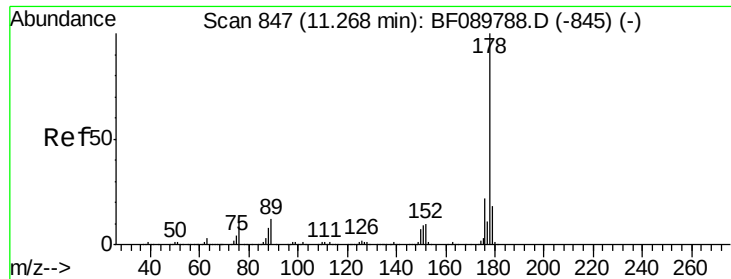
Delta R.T. -0.02 min

Lab File: BF089911.D

Acq: 25 Aug 2016 15:06

Tgt Ion:	178	Resp:	3953174
Ion Ratio	Lower	Upper	
178	100		
176	22.8	16.4	24.6
179	17.9	12.5	18.7





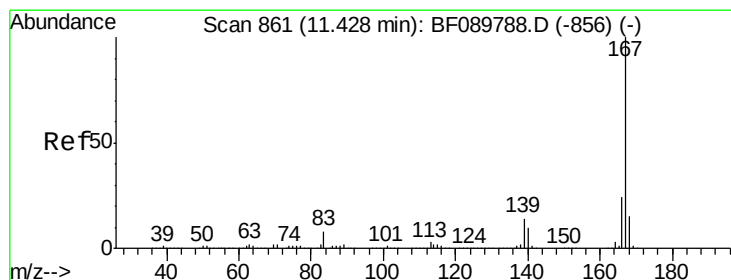
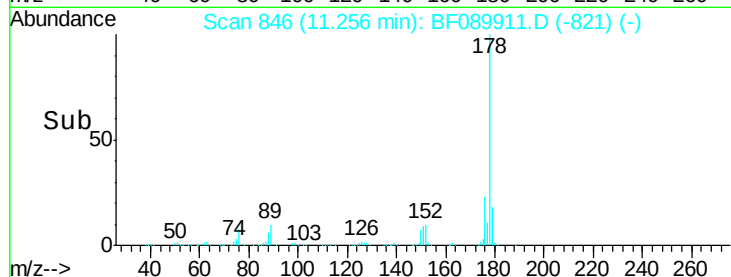
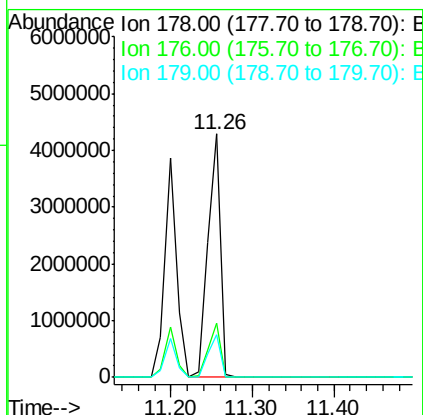
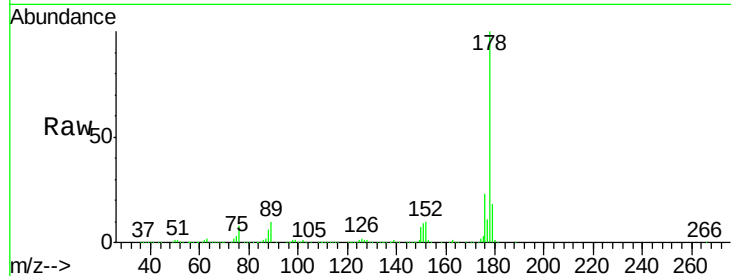
#71
 Anthracene
 Concen: 39.83 ng
 RT: 11.26 min Scan# 846
 Delta R.T. -0.01 min
 Lab File: BF089911.D
 Acq: 25 Aug 2016 15:06

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tgt Ion:178 Resp: 4696454
 Ion Ratio Lower Upper
 178 100
 176 22.5 16.4 24.6
 179 17.8 13.1 19.7

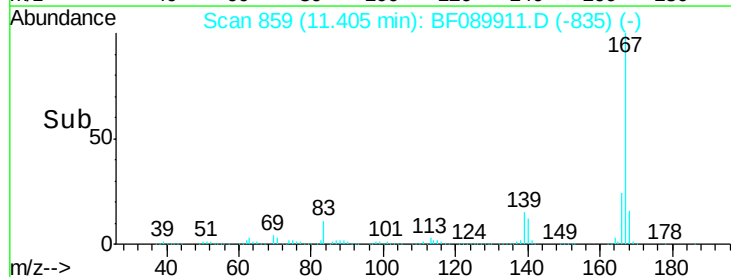
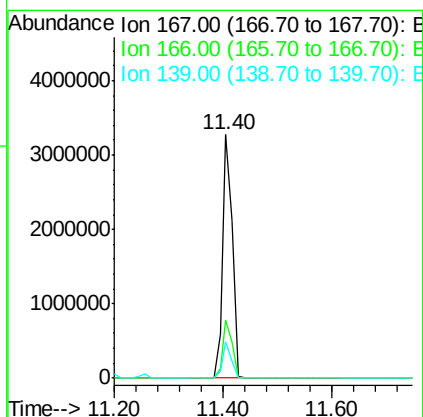
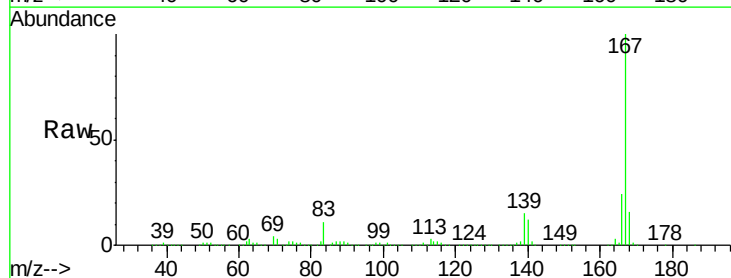
Manual Integrations
 APPROVED

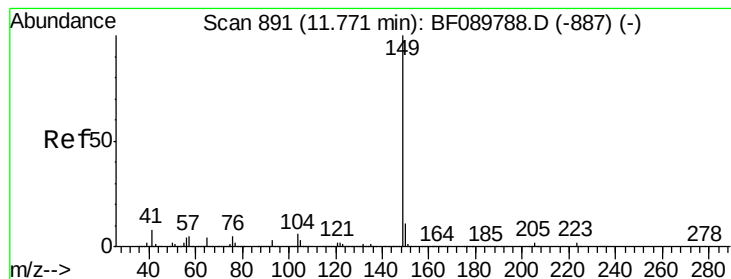
sohil
 8/25/2016 7:42:32 PM



#72
 Carbazole
 Concen: 39.45 ng
 RT: 11.40 min Scan# 859
 Delta R.T. -0.02 min
 Lab File: BF089911.D
 Acq: 25 Aug 2016 15:06

Tgt Ion:167 Resp: 4171773
 Ion Ratio Lower Upper
 167 100
 166 23.9 17.9 26.9
 139 15.0 12.4 18.6





#73

Di-n-butylphthalate

Concen: 40.18 ng

RT: 11.76 min Scan# 890

Delta R.T. -0.01 min

Lab File: BF089911.D

Acq: 25 Aug 2016 15:06

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tgt Ion:149 Resp: 5316704

Ion Ratio Lower Upper

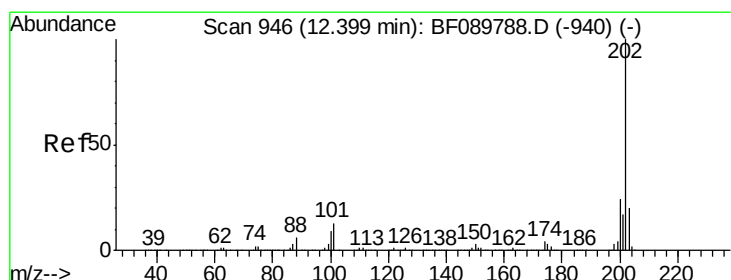
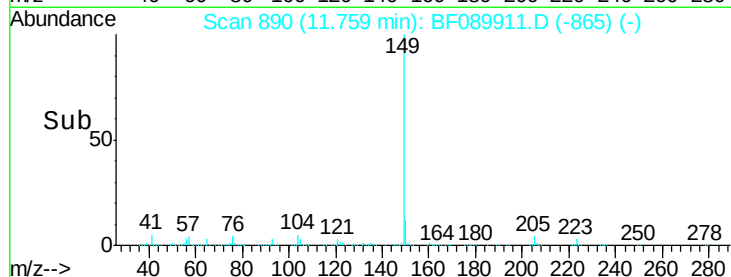
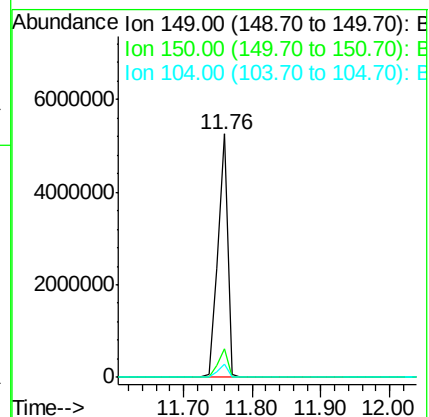
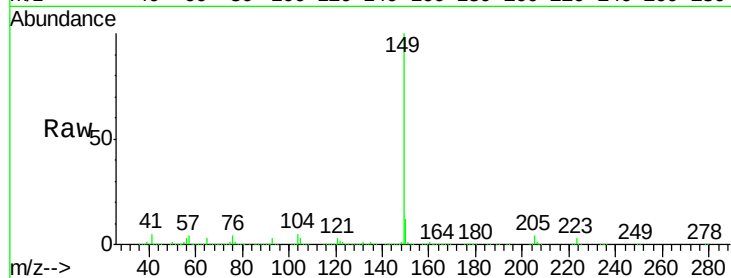
149 100

150 11.6 7.9 11.9

104 5.3 4.3 6.5

Manual Integrations
APPROVED

sohil
8/25/2016 7:42:32 PM



#74

Fluoranthene

Concen: 43.02 ng

RT: 12.39 min Scan# 945

Delta R.T. -0.01 min

Lab File: BF089911.D

Acq: 25 Aug 2016 15:06

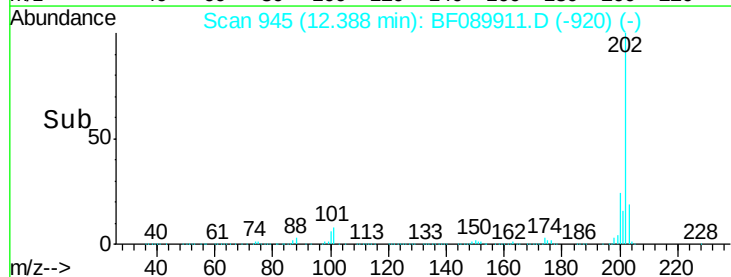
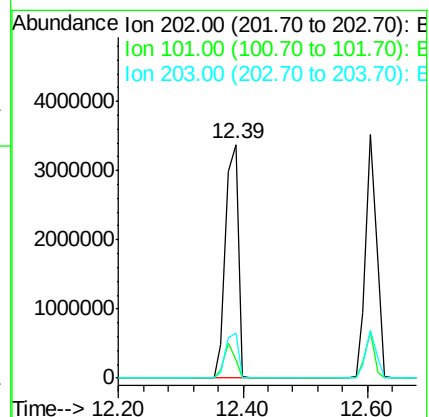
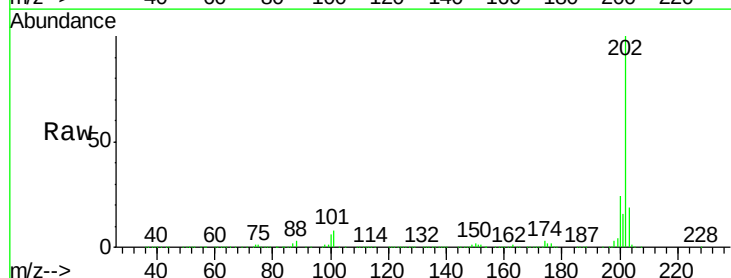
Tgt Ion:202 Resp: 4746388

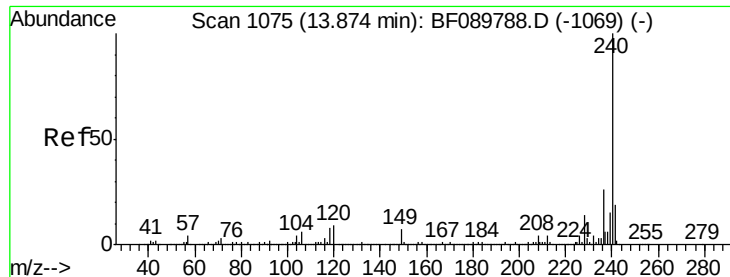
Ion Ratio Lower Upper

202 100

101 8.1 0.0 31.2

203 19.4 0.0 38.1





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.84 min Scan# 1072

Delta R.T. -0.03 min

Lab File: BF089911.D

Acq: 25 Aug 2016 15:06

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tgt Ion:240 Resp: 1624429

Ion Ratio Lower Upper

240 100

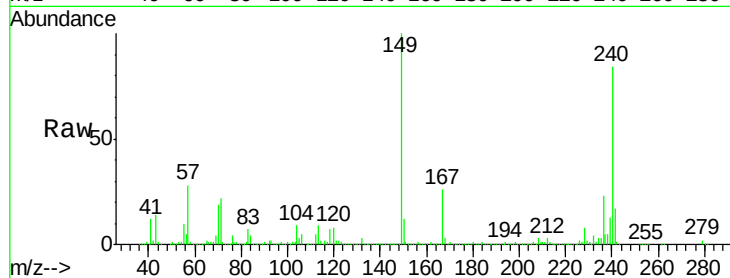
120 9.4 8.3 12.5

236 27.2 21.3 31.9

Manual Integrations
APPROVED

sohil

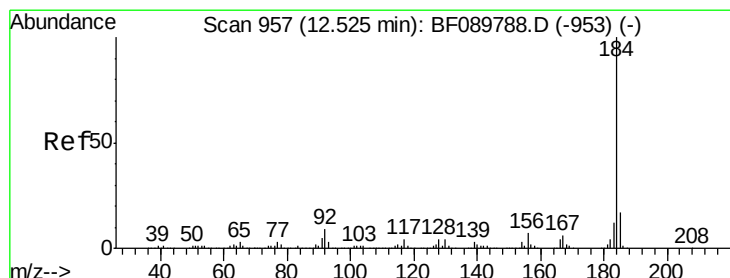
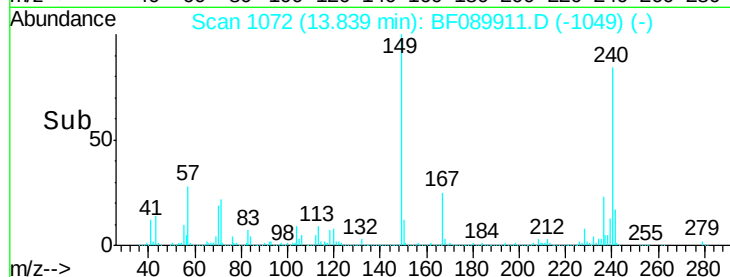
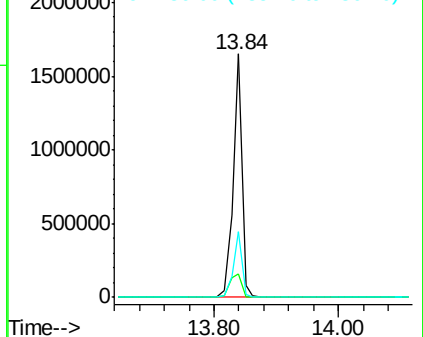
8/25/2016 7:42:32 PM



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 49.02 ng

RT: 12.51 min Scan# 956

Delta R.T. -0.01 min

Lab File: BF089911.D

Acq: 25 Aug 2016 15:06

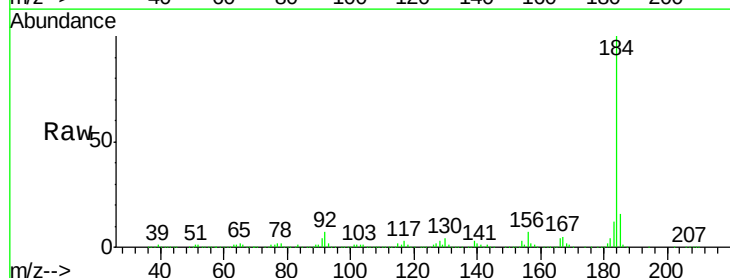
Tgt Ion:184 Resp: 2577098

Ion Ratio Lower Upper

184 100

185 15.5 13.8 20.8

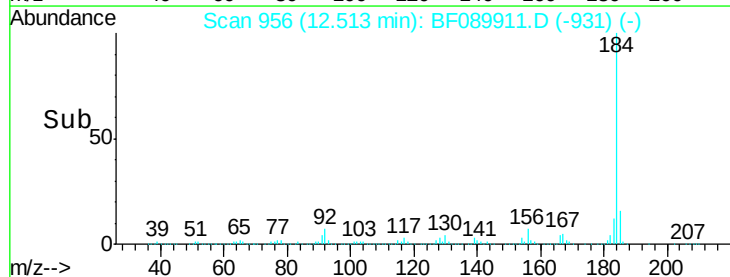
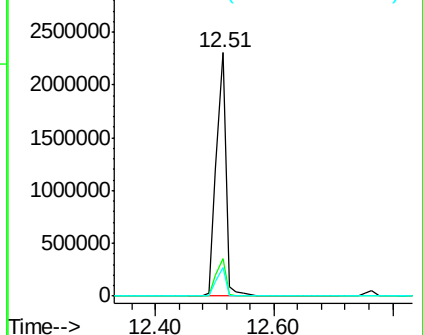
183 11.7 9.7 14.5

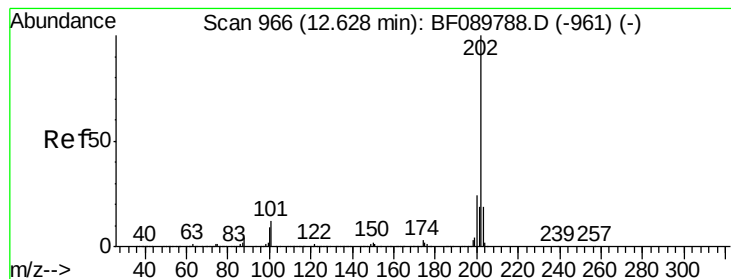


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pyrene

Concen: 32.04 ng

RT: 12.60 min Scan# 964

Delta R.T. -0.02 min

Lab File: BF089911.D

Acq: 25 Aug 2016 15:06

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tgt Ion:202 Resp: 4238193

Ion Ratio Lower Upper

202 100

200 24.5 17.8 26.6

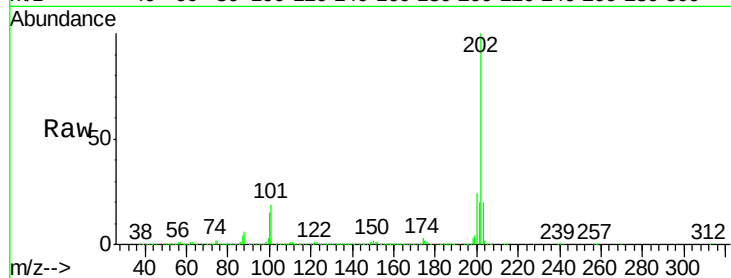
203 19.9 14.2 21.4

Manual Integrations

APPROVED

sohil

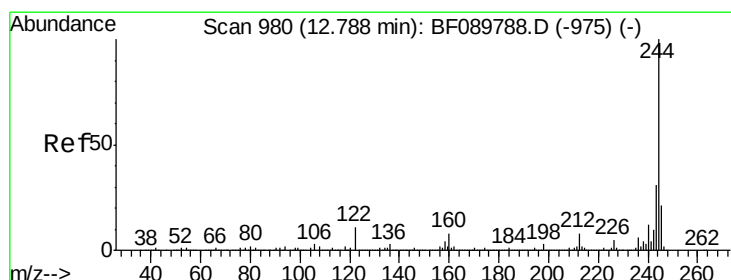
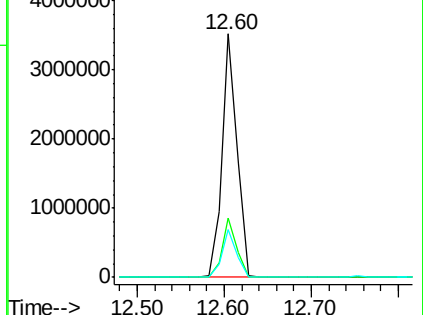
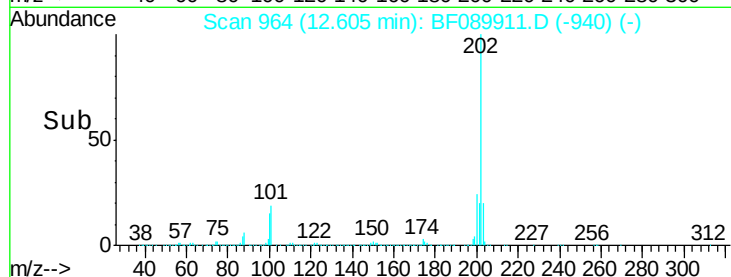
8/25/2016 7:42:32 PM



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 55.62 ng

RT: 12.76 min Scan# 978

Delta R.T. -0.02 min

Lab File: BF089911.D

Acq: 25 Aug 2016 15:06

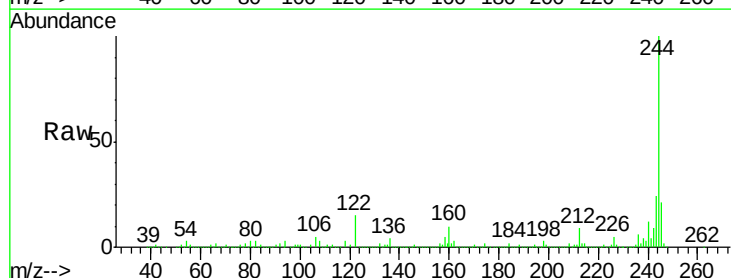
Tgt Ion:244 Resp: 3993421

Ion Ratio Lower Upper

244 100

212 8.7 6.3 9.5

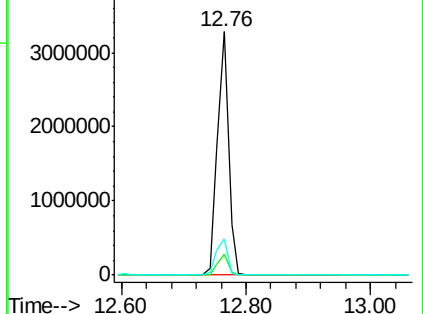
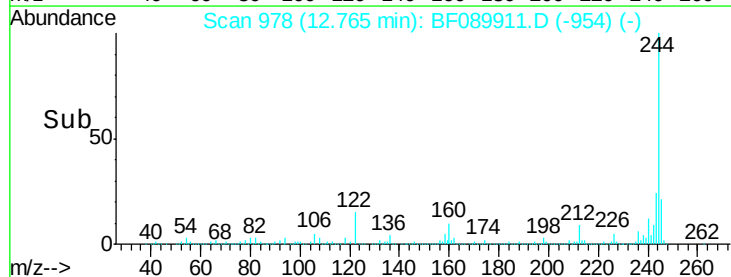
122 15.1 12.0 18.0

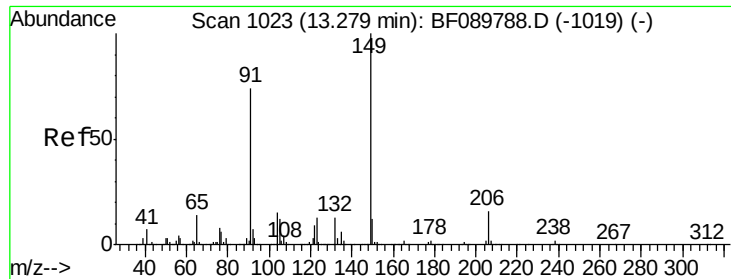


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





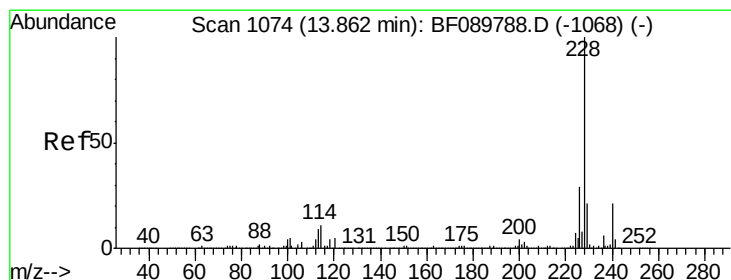
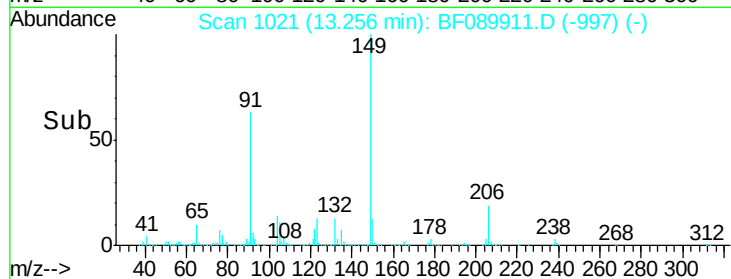
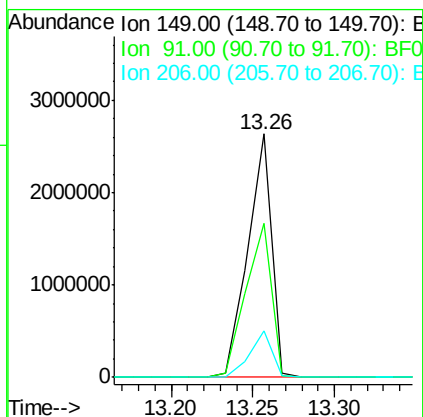
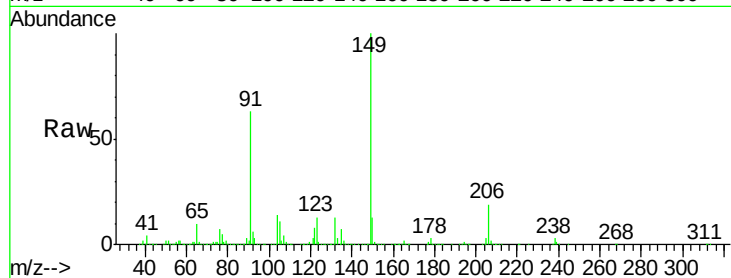
#79
Butylbenzylphthalate
Concen: 44.44 ng
RT: 13.26 min Scan# 1021
Delta R.T. -0.02 min
Lab File: BF089911.D
Acq: 25 Aug 2016 15:06

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion:149 Resp: 2655108
Ion Ratio Lower Upper
149 100
91 63.5 50.7 76.1
206 19.2 15.5 23.3

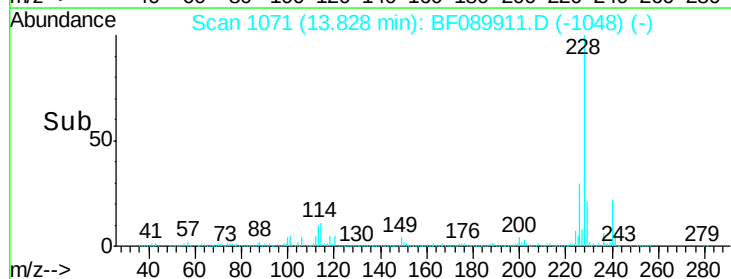
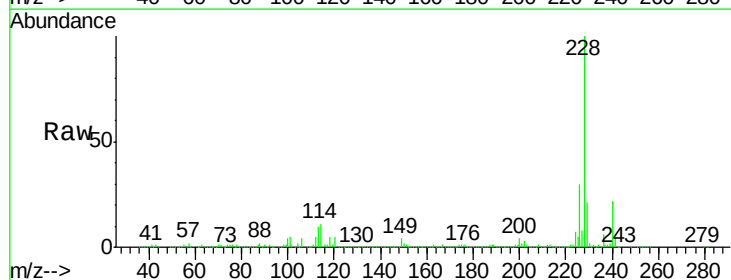
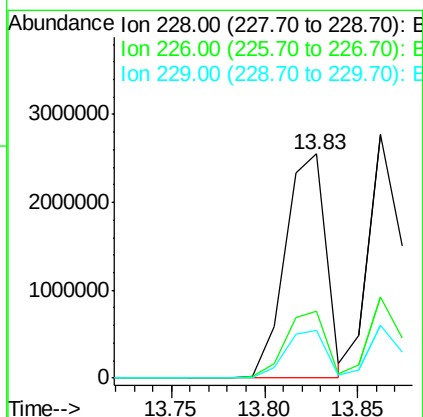
Manual Integrations
APPROVED

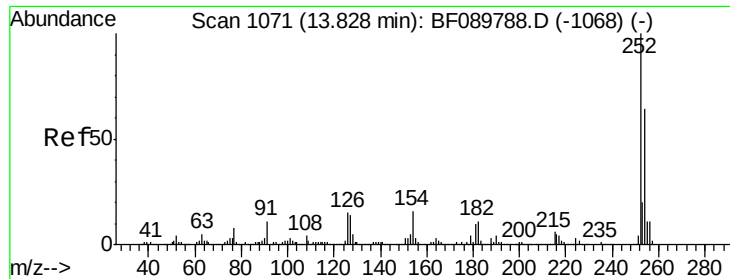
sohil
8/25/2016 7:42:32 PM



#80
Benzo(a)anthracene
Concen: 41.65 ng
RT: 13.83 min Scan# 1071
Delta R.T. -0.03 min
Lab File: BF089911.D
Acq: 25 Aug 2016 15:06

Tgt Ion:228 Resp: 3874906
Ion Ratio Lower Upper
228 100
226 29.8 23.2 34.8
229 21.2 16.2 24.4





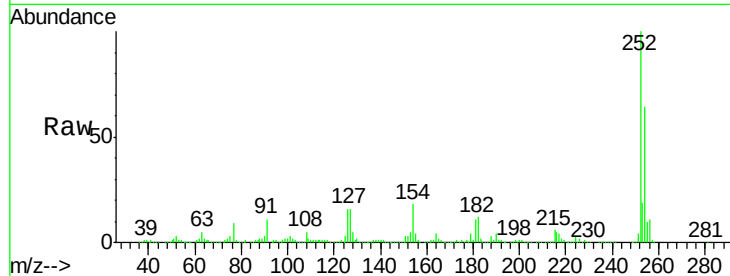
#81
 3,3'-Dichlorobenzidine
 Concen: 49.01 ng
 RT: 13.79 min Scan# 1068
 Delta R.T. -0.03 min
 Lab File: BF089911.D
 Acq: 25 Aug 2016 15:06

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

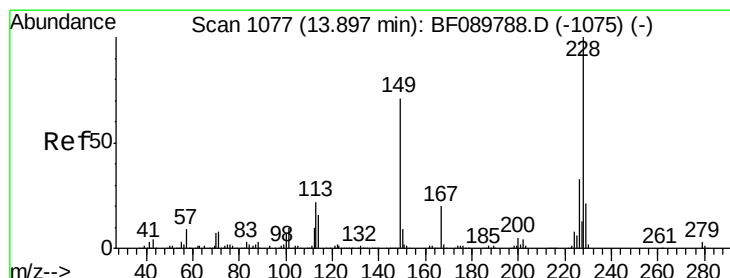
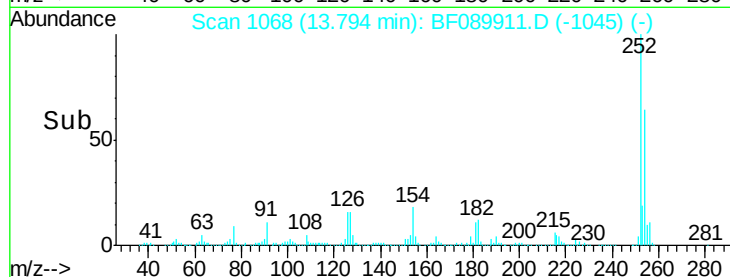
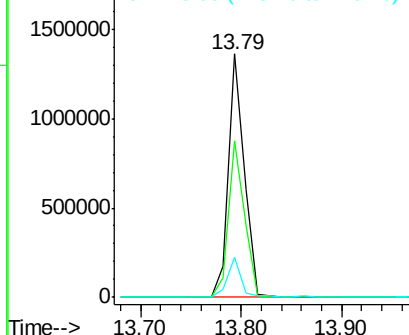
Tgt Ion	Ratio	Lower	Upper
252	100		
254	64.2	50.6	75.8
126	16.4	12.6	18.8

Manual Integrations
 APPROVED

sohil
 8/25/2016 7:42:32 PM



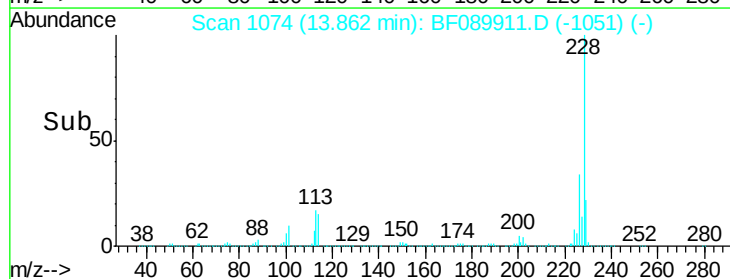
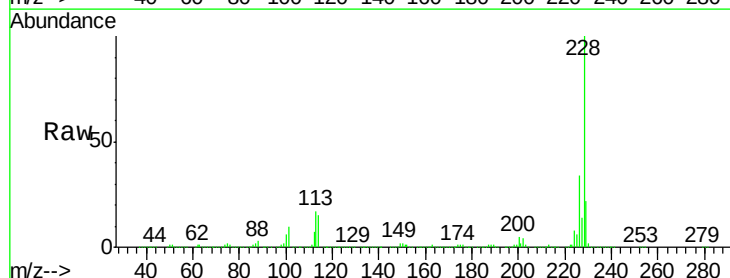
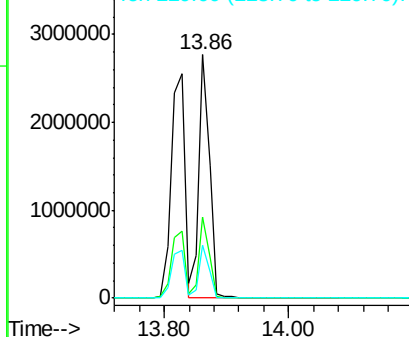
Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

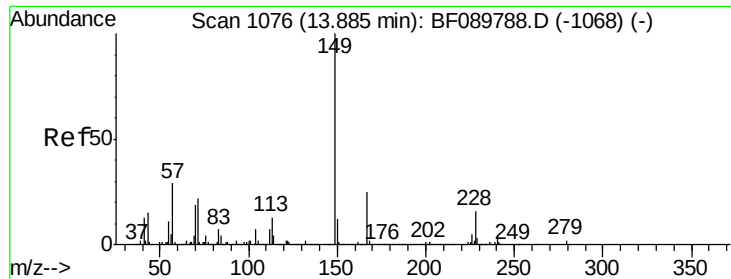


#82
 Chrysene
 Concen: 41.95 ng
 RT: 13.86 min Scan# 1074
 Delta R.T. -0.03 min
 Lab File: BF089911.D
 Acq: 25 Aug 2016 15:06

Tgt Ion	Ratio	Lower	Upper
228	100		
226	33.5	25.4	38.0
229	21.6	16.5	24.7

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





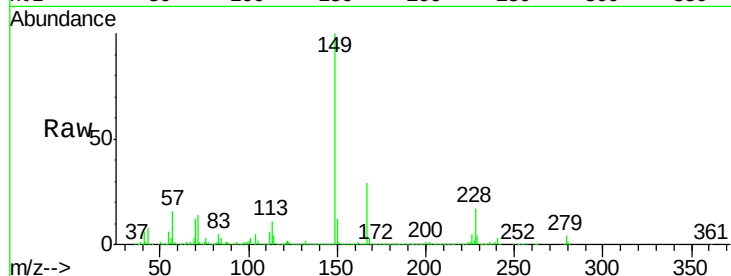
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 41.36 ng
 RT: 13.85 min Scan# 1073
 Delta R.T. -0.03 min
 Lab File: BF089911.D
 Acq: 25 Aug 2016 15:06

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

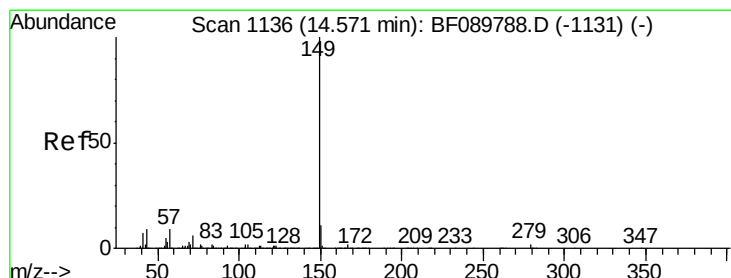
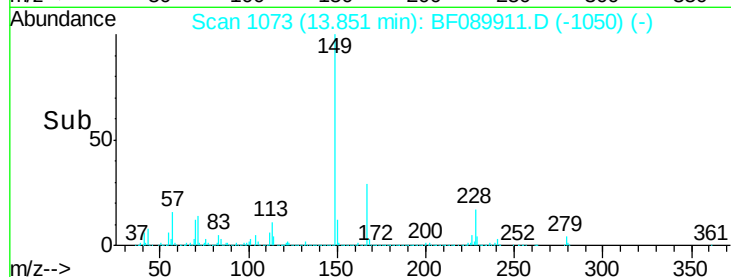
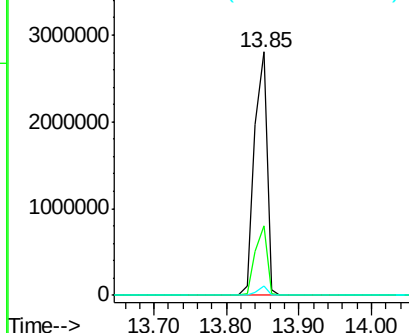
Tgt Ion:149 Resp: 3403590
 Ion Ratio Lower Upper
 149 100
 167 28.7 21.2 31.8
 279 3.9 2.9 4.3

Manual Integrations
 APPROVED

sohil
 8/25/2016 7:42:32 PM

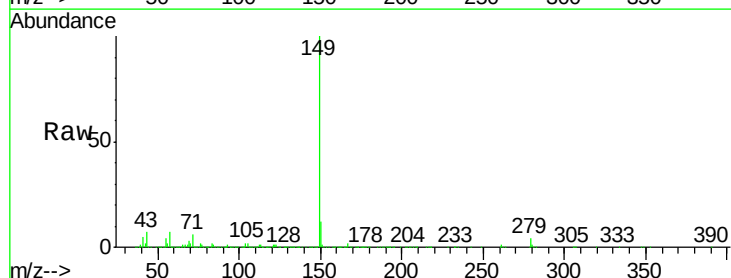


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

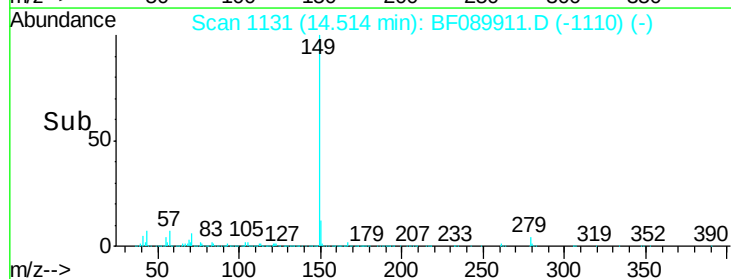
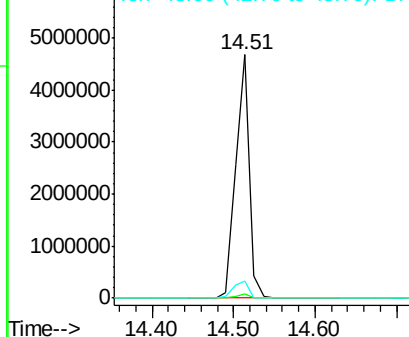


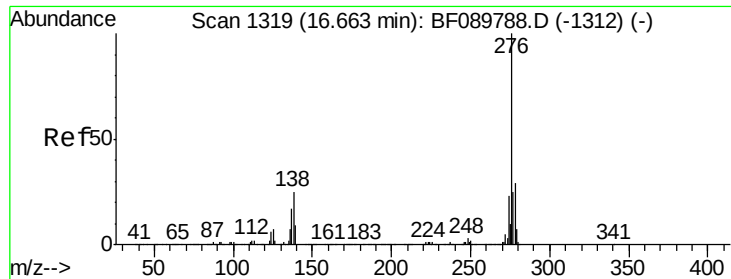
#84
 Di-n-octyl phthalate
 Concen: 49.27 ng
 RT: 14.51 min Scan# 1131
 Delta R.T. -0.06 min
 Lab File: BF089911.D
 Acq: 25 Aug 2016 15:06

Tgt Ion:149 Resp: 5388305
 Ion Ratio Lower Upper
 149 100
 167 1.8 1.2 1.8
 43 8.0 8.4 12.6#



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





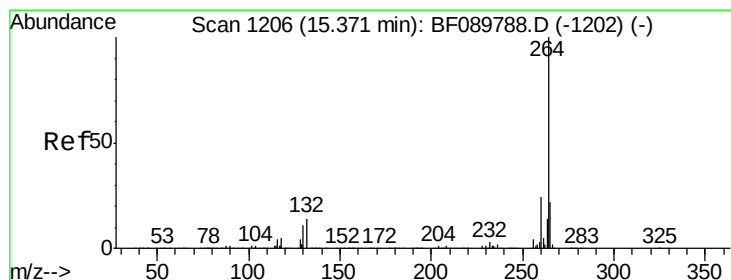
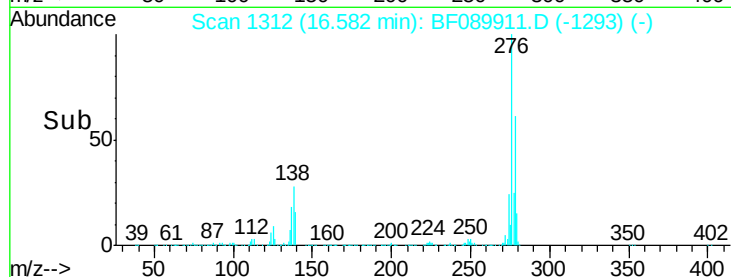
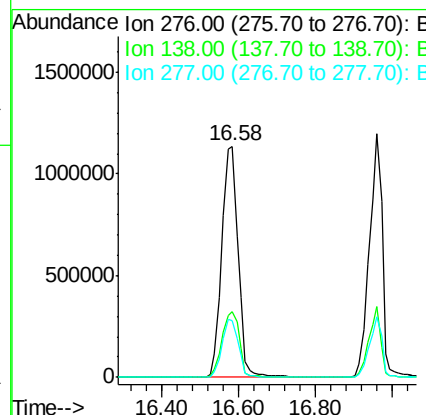
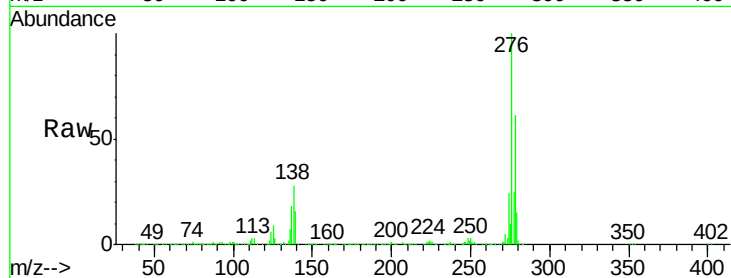
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 32.99 ng
 RT: 16.58 min Scan# 1312
 Delta R.T. -0.08 min
 Lab File: BF089911.D
 Acq: 25 Aug 2016 15:06

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tgt Ion: 276 Resp: 3357090
 Ion Ratio Lower Upper
 276 100
 138 30.5 24.6 36.8
 277 25.4 20.4 30.6

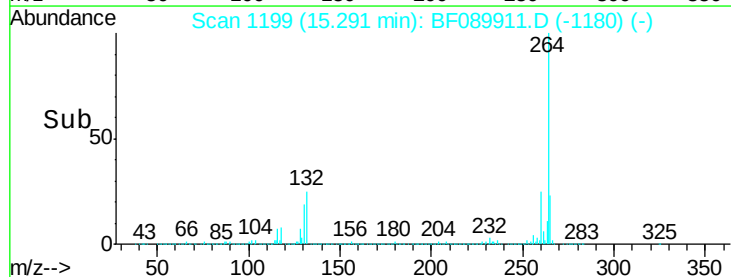
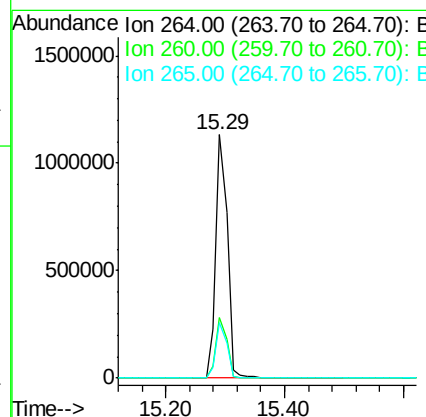
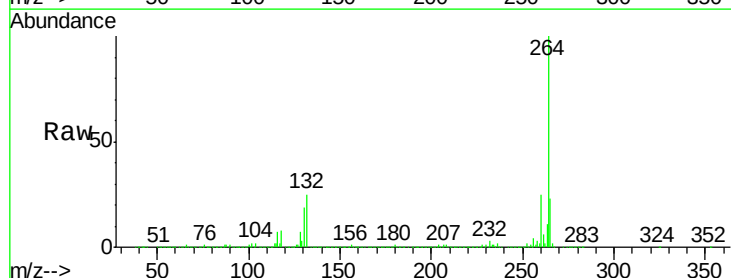
Manual Integrations
 APPROVED

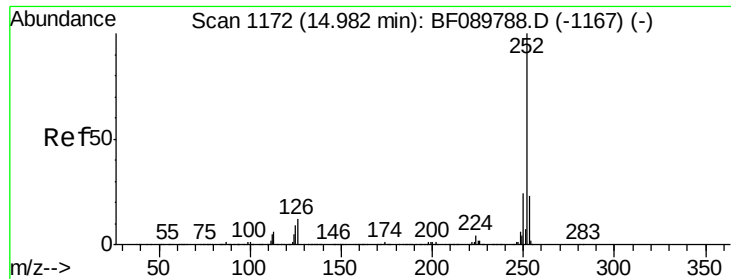
sohil
 8/25/2016 7:42:32 PM



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.29 min Scan# 1199
 Delta R.T. -0.08 min
 Lab File: BF089911.D
 Acq: 25 Aug 2016 15:06

Tgt Ion: 264 Resp: 1523832
 Ion Ratio Lower Upper
 264 100
 260 25.0 20.2 30.2
 265 22.9 17.4 26.2





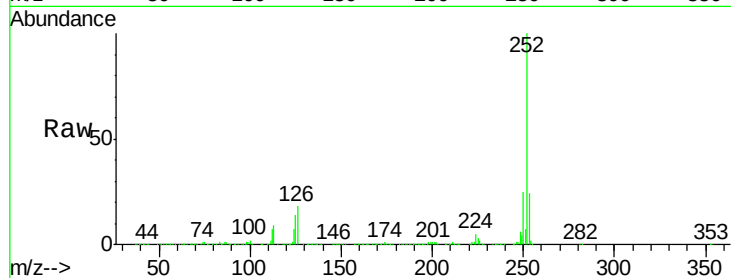
#87
Benzo(b)fluoranthene
Concen: 41.30 ng m
RT: 14.91 min Scan# 1166
Delta R.T. -0.07 min
Lab File: BF089911.D
Acq: 25 Aug 2016 15:06

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

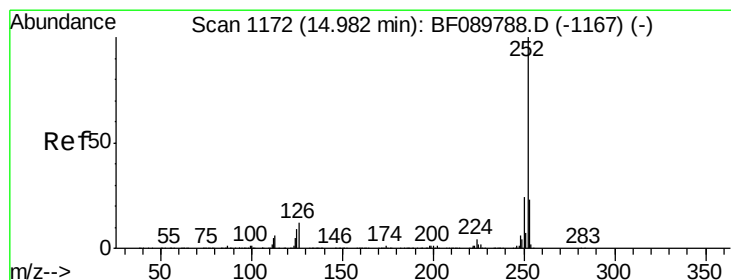
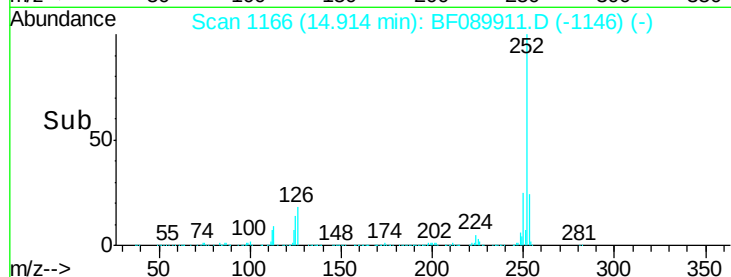
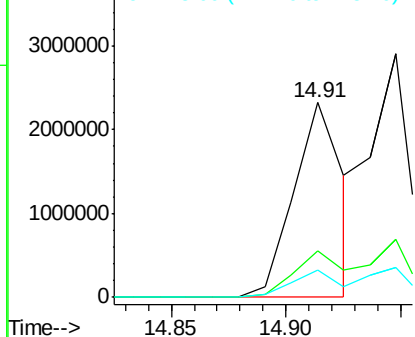
Tgt Ion:252 Resp: 3462139
Ion Ratio Lower Upper
252 100
253 23.7 17.8 26.8
125 13.8 11.4 17.2

Manual Integrations
APPROVED

sohil
8/25/2016 7:42:32 PM



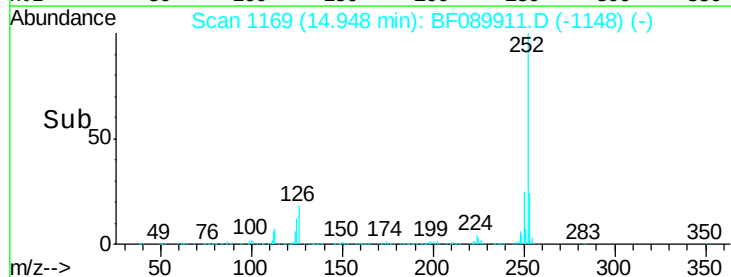
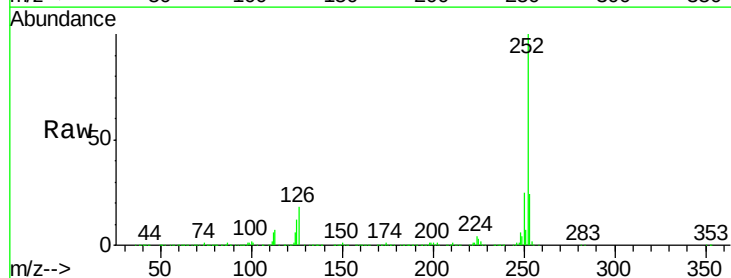
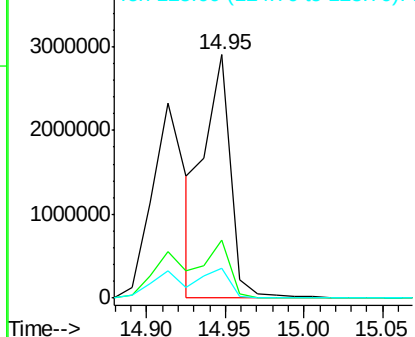
Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

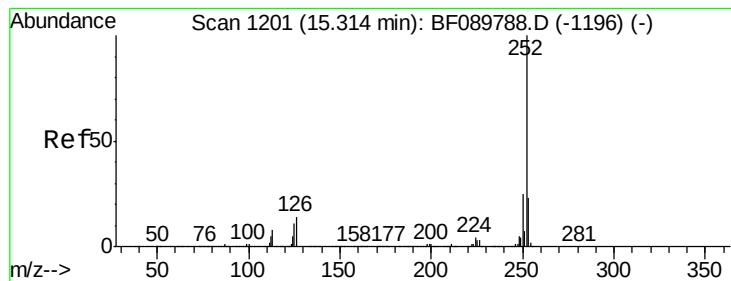


#88
Benzo(k)fluoranthene
Concen: 44.38 ng m
RT: 14.95 min Scan# 1169
Delta R.T. -0.06 min
Lab File: BF089911.D
Acq: 25 Aug 2016 15:06

Tgt Ion:252 Resp: 3375358
Ion Ratio Lower Upper
252 100
253 23.7 18.4 27.6
125 12.0 9.8 14.6

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





#89

Benzo(a)pyrene

Concen: 40.56 ng

RT: 15.25 min Scan# 1195

Delta R.T. -0.07 min

Lab File: BF089911.D

Acq: 25 Aug 2016 15:06

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tgt Ion: 252 Resp: 3218190

Ion Ratio Lower Upper

252 100

253 23.5 17.8 26.8

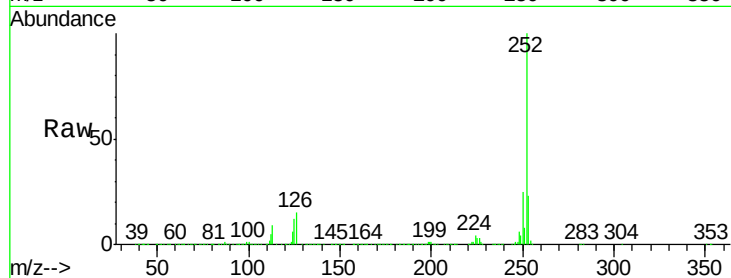
125 11.9 11.7 17.5

Manual Integrations

APPROVED

sohil

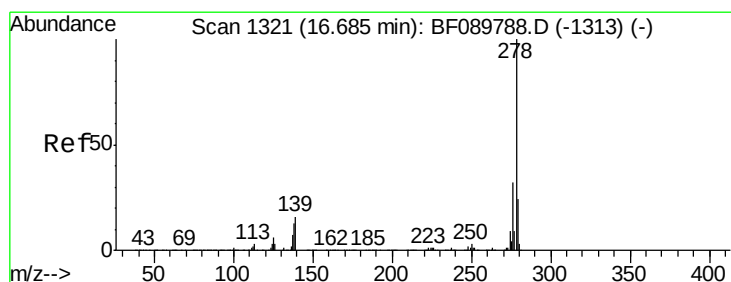
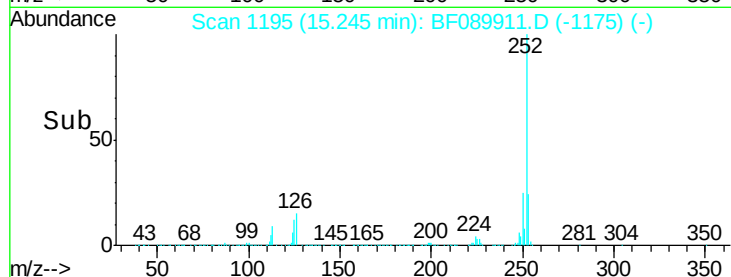
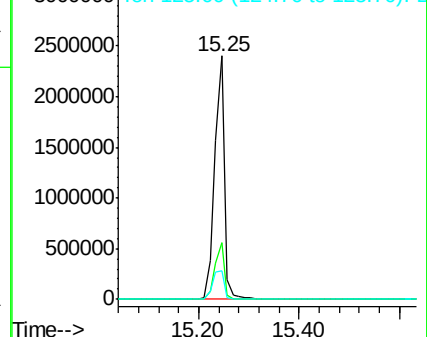
8/25/2016 7:42:32 PM



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 31.95 ng

RT: 16.59 min Scan# 1313

Delta R.T. -0.09 min

Lab File: BF089911.D

Acq: 25 Aug 2016 15:06

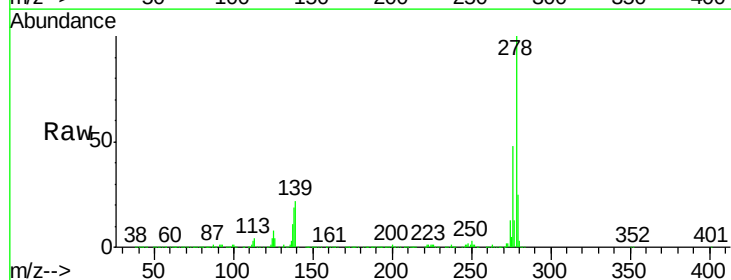
Tgt Ion: 278 Resp: 2751816

Ion Ratio Lower Upper

278 100

139 21.7 14.9 22.3

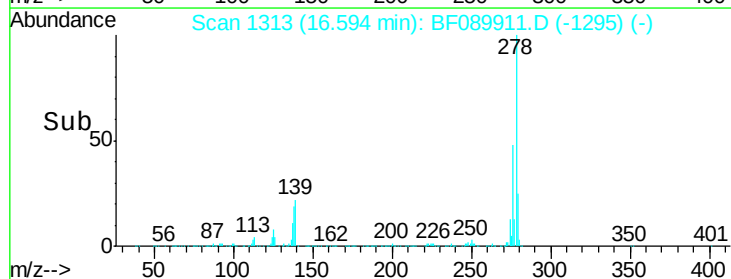
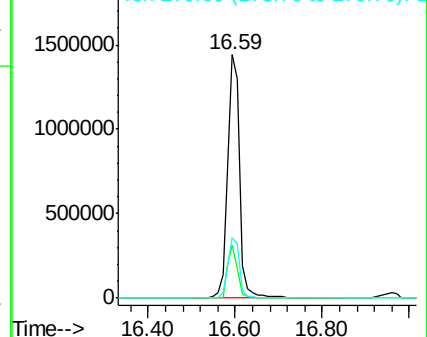
279 25.1 19.2 28.8

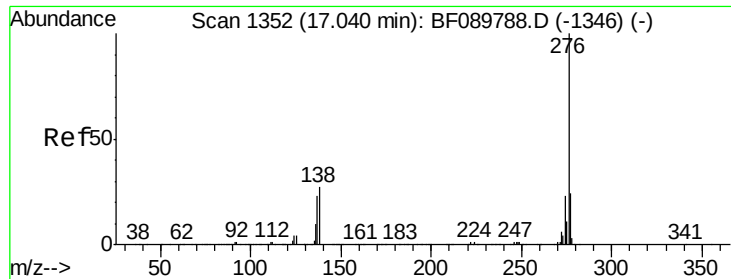


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91
 Benzo(g,h,i)perylene
 Concen: 30.68 ng
 RT: 16.96 min Scan# 1345
 Delta R.T. -0.08 min
 Lab File: BF089911.D
 Acq: 25 Aug 2016 15:06

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.7	19.2	28.8
138	29.0	22.1	33.1

Manual Integrations
 APPROVED

sohil
 8/25/2016 7:42:32 PM

