

Data Path : Z:\HPCHEM1\BNA F\DATA\BF080916\
 Data File : BF089698.D
 Acq On : 9 Aug 2016 20:30
 Operator : UM/SJ
 Sample : PB92711BS
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB92711BS

Manual Integrations
 APPROVED

sohil
 8/10/2016 9:23:10 AM

Quant Time: Aug 10 02:08:46 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF080416.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 05 01:39:23 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.42	152	46259	20.00	ng	-0.03
21) Naphthalene-d8	9.45	136	199366	20.00	ng	-0.02
38) Acenaphthene-d10	12.26	164	90423	20.00	ng	-0.03
63) Phenanthrene-d10	14.66	188	167052	20.00	ng	-0.03
75) Chrysene-d12	18.37	240	101826	20.00	ng	-0.02
86) Perylene-d12	20.02	264	95421	20.00	ng	-0.02

System Monitoring Compounds						
5) 2-Fluorophenol	5.34	112	337252	122.19	ng	0.02
7) Phenol-d6	6.99	99	439340	117.34	ng	0.01
23) Nitrobenzene-d5	8.33	82	282525	78.38	ng	-0.03
41) 2,4,6-Tribromophenol	13.57	330	81273	108.91	ng	-0.02
44) 2-Fluorobiphenyl	11.22	172	519548	74.67	ng	-0.03
78) Terphenyl-d14	17.03	244	402384	78.01	ng	-0.02

Target Compounds						Qvalue
2) 1,4-Dioxane	1.80	88	44864	28.36	ng	# 77
3) Pyridine	2.36	79	114731	39.46	ng	98
4) n-Nitrosodimethylamine	2.33	42	49106	39.83	ng	100
6) Aniline	6.91	93	82499	17.00	ng	99
8) 2-Chlorophenol	7.11	128	138056	40.74	ng	99
9) Benzaldehyde	6.72	77	44594m	32.83	ng	
10) Phenol	7.00	94	163119	42.44	ng	98
11) bis(2-Chloroethyl)ether	7.06	93	134156	40.62	ng	99
12) 1,3-Dichlorobenzene	7.31	146	134083	36.43	ng	96
13) 1,4-Dichlorobenzene	7.44	146	137444	37.45	ng	98
14) 1,2-Dichlorobenzene	7.68	146	141949	36.69	ng	96
15) Benzyl Alcohol	7.71	79	109493	44.60	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.92	45	154843	36.82	ng	# 52
17) 2-Methylphenol	7.95	107	108663	44.40	ng	# 87
18) Hexachloroethane	8.19	117	55563	35.92	ng	95
19) n-Nitroso-di-n-propylamine	8.15	70	105001	38.82	ng	96
20) 3+4-Methylphenols	8.22	107	137147	44.40	ng	96
22) Acetophenone	8.10	105	165656	34.85	ng	99
24) Nitrobenzene	8.36	77	139596	40.78	ng	91
25) Isophorone	8.76	82	275519	39.92	ng	98
26) 2-Nitrophenol	8.87	139	64419	41.00	ng	94
27) 2,4-Dimethylphenol	9.03	122	119674	42.37	ng	95
28) bis(2-Chloroethoxy)methane	9.14	93	166345	39.84	ng	97
29) 2,4-Dichlorophenol	9.30	162	105006	39.29	ng	99
30) 1,2,4-Trichlorobenzene	9.37	180	116082	38.03	ng	98
31) Naphthalene	9.48	128	399008	37.65	ng	100
32) Benzoic acid	9.34	122	32665	18.41	ng	99
33) 4-Chloroaniline	9.63	127	49534	12.45	ng	95
34) Hexachlorobutadiene	9.70	225	62214	35.39	ng	98
35) Caprolactam	10.26	113	33895m	43.51	ng	
36) 4-Chloro-3-methylphenol	10.50	107	116154	37.39	ng	98
37) 2-Methylnaphthalene	10.60	142	257319	39.49	ng	98
39) 1,2,4,5-Tetrachlorobenzene	10.88	216	99204	29.19	ng	100
40) Hexachlorocyclopentadiene	10.86	237	55006	50.53	ng	99

Data Path : Z:\HPCHEM1\BNA F\DATA\BF080916\
 Data File : BF089698.D
 Acq On : 9 Aug 2016 20:30
 Operator : UM/SJ
 Sample : PB92711BS
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleID :
 PB92711BS

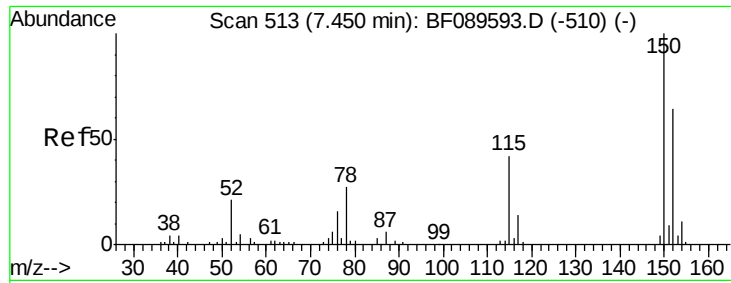
Manual Integrations
 APPROVED

sohil
 8/10/2016 9:23:10 AM

Quant Time: Aug 10 02:08:46 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF080416.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 05 01:39:23 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	11.11	196	68812	41.05	nq	99
43) 2,4,5-Trichlorophenol	11.20	196	67838	37.87	nq	97
45) 1,1'-Biphenyl	11.37	154	274033	33.60	nq	99
46) 2-Chloronaphthalene	11.38	162	236013	38.60	nq	99
47) 2-Nitroaniline	11.60	65	74643	37.88	nq	96
48) Acenaphthylene	12.03	152	378860	37.62	nq	100
49) Dimethylphthalate	11.93	163	288392	40.69	nq	99
50) 2,6-Dinitrotoluene	12.01	165	60456	42.90	nq	# 78
51) Acenaphthene	12.32	154	221175	38.02	nq	99
52) 3-Nitroaniline	12.29	138	44066	26.15	nq	99
53) 2,4-Dinitrophenol	12.51	184	11826	28.03	nq	# 79
54) Dibenzofuran	12.61	168	339141	42.41	nq	99
55) 4-Nitrophenol	12.70	139	48019m	49.34	nq	
56) 2,4-Dinitrotoluene	12.67	165	82210	41.48	nq	# 83
57) Fluorene	13.15	166	271651	39.74	nq	99
58) 2,3,4,6-Tetrachlorophenol	12.85	232	51470	37.84	nq	100
59) Diethylphthalate	13.07	149	290334	39.61	nq	98
60) 4-Chlorophenyl-phenylether	13.19	204	120904	38.57	nq	97
61) 4-Nitroaniline	13.28	138	52203	34.45	nq	91
62) Azobenzene	13.45	77	317723	44.82	nq	98
64) 4,6-Dinitro-2-methylphenol	13.34	198	18403	21.35	nq	98
65) n-Nitrosodiphenylamine	13.41	169	229484	40.67	nq	99
66) 4-Bromophenyl-phenylether	13.98	248	66843	41.37	nq	95
67) Hexachlorobenzene	14.05	284	66437	37.38	nq	# 82
68) Atrazine	14.33	200	71329	45.28	nq	97
69) Pentachlorophenol	14.41	266	33398	45.75	nq	99
70) Phenanthrene	14.70	178	368914	40.61	nq	99
71) Anthracene	14.79	178	391349	40.18	nq	99
72) Carbazole	15.07	167	329403	40.58	nq	99
73) Di-n-butylphthalate	15.67	149	449063	40.91	nq	99
74) Fluoranthene	16.47	202	368097	39.42	nq	98
76) Benzidine	16.71	184	70252	22.76	nq	99
77) Pyrene	16.77	202	339350	37.70	nq	98
79) Butylbenzylphthalate	17.70	149	173216	45.21	nq	98
80) Benzo(a)anthracene	18.35	228	241223	41.23	nq	99
81) 3,3'-Dichlorobenzidine	18.34	252	57419	31.15	nq	97
82) Chrysene	18.40	228	244345	39.81	nq	98
83) Bis(2-ethylhexyl)phthalate	18.45	149	227400	42.87	nq	100
84) Di-n-octyl phthalate	19.22	149	343232	44.97	nq	98
85) Indeno(1,2,3-cd)pyrene	21.20	276	259515	55.68	nq	99
87) Benzo(b)fluoranthene	19.62	252	199756m	34.04	nq	
88) Benzo(k)fluoranthene	19.66	252	235602m	39.79	nq	
89) Benzo(a)pyrene	19.98	252	221520	40.31	nq	98
90) Dibenzo(a,h)anthracene	21.21	278	215296	41.94	nq	97
91) Benzo(g,h,i)perylene	21.54	276	220754	42.01	nq	95

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.42 min Scan# 510

Delta R.T. -0.03 min

Lab File: BF089698.D

Acq: 9 Aug 2016 20:30

Instrument :

BNA_F

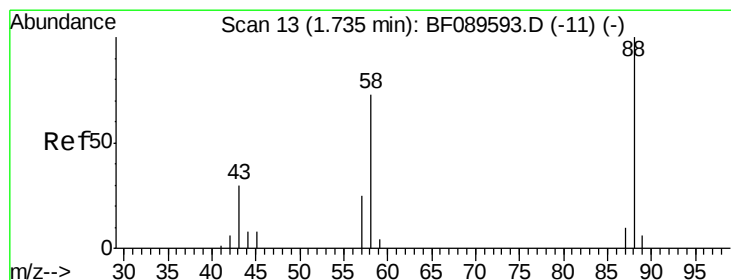
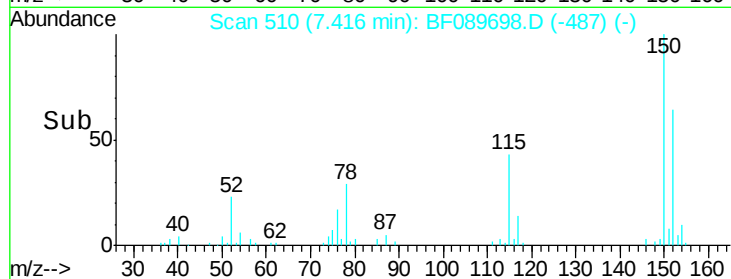
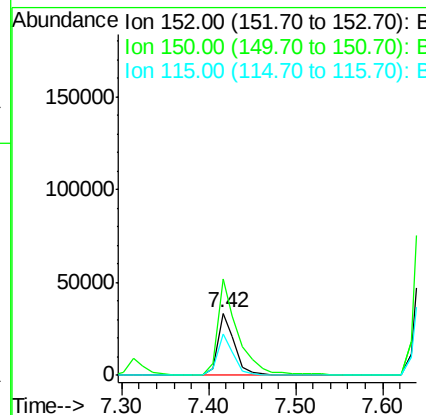
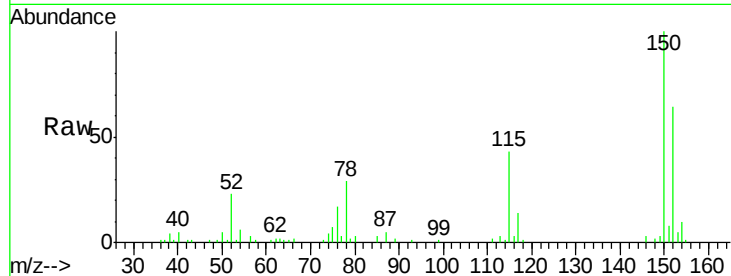
ClientSampleId :

PB92711BS

Tot Ion:	152	Resp:	46259
Ion	Ratio	Lower	Upper
152	100		
150	156.1	125.5	188.3
115	66.7	52.0	78.0

Manual Integrations
APPROVED

sohil
8/10/2016 9:23:10 AM



#2

1,4-Dioxane

Concen: 28.36 ng

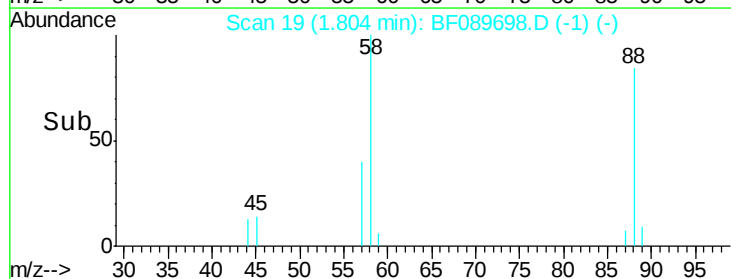
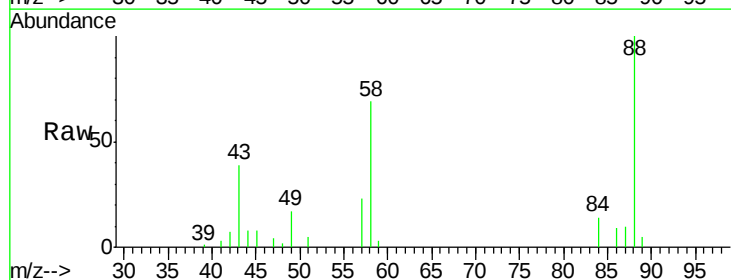
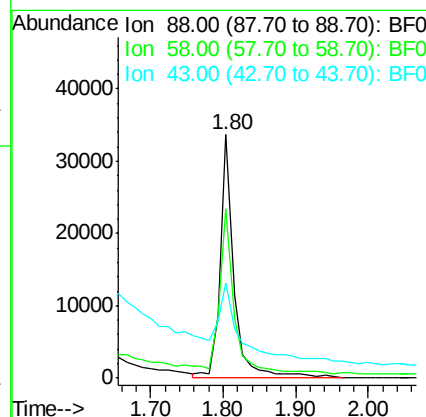
RT: 1.80 min Scan# 19

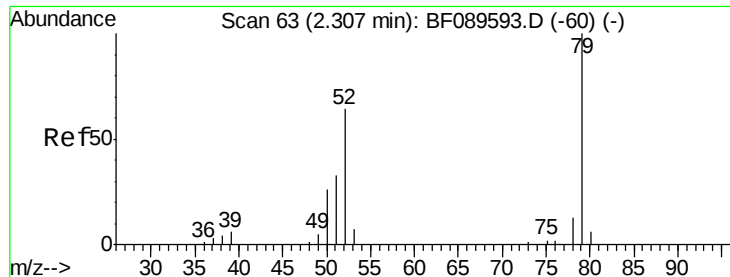
Delta R.T. 0.07 min

Lab File: BF089698.D

Acq: 9 Aug 2016 20:30

Tgt Ion:	88	Resp:	44864
Ion	Ratio	Lower	Upper
88	100		
58	70.5	49.8	74.8
43	51.5	20.1	30.1#





#3

Pvridine

Concen: 39.46 ng

RT: 2.36 min Scan# 68

Delta R.T. 0.06 min

Lab File: BF089698.D

Acq: 9 Aug 2016 20:30

Instrument :

BNA_F

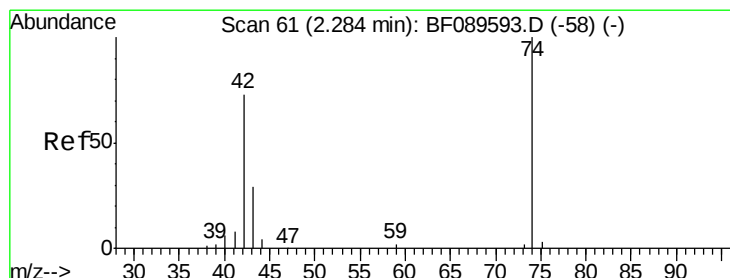
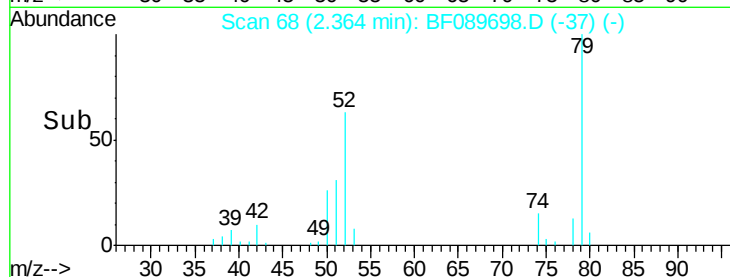
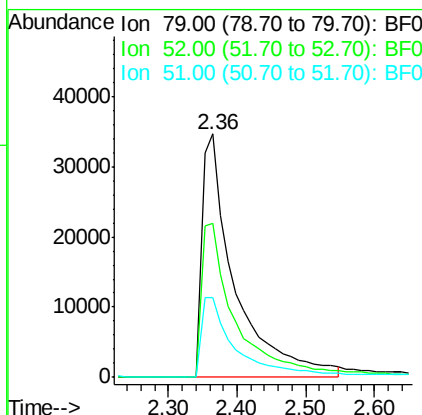
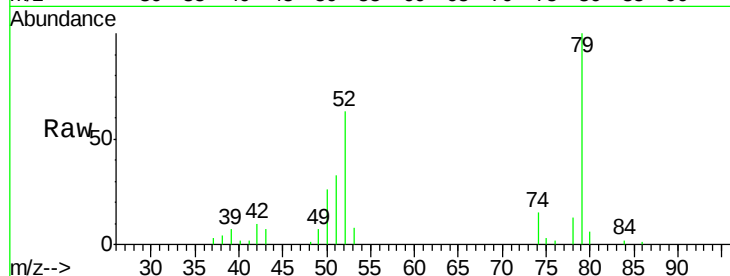
ClientSampleId :

PB92711BS

Tot Ion:	79	Resp:	114731
Ion	Ratio	Lower	Upper
79	100		
52	63.1	51.0	76.4
51	32.8	27.9	41.9

Manual Integrations
APPROVED

sohil
8/10/2016 9:23:10 AM



#4

n-Nitrosodimethylamine

Concen: 39.83 ng

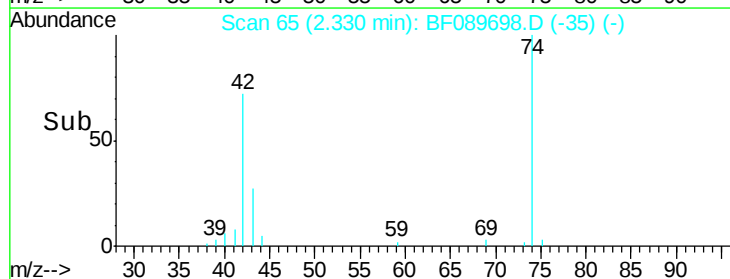
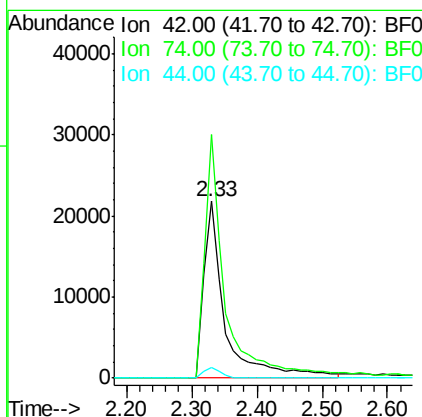
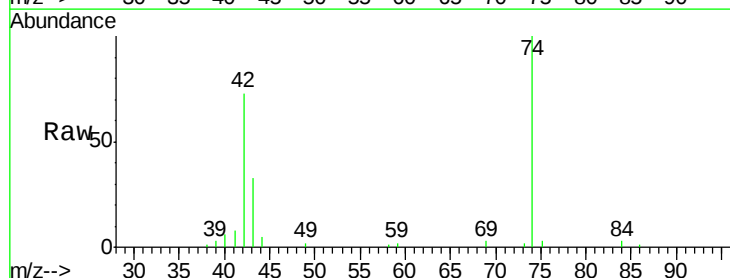
RT: 2.33 min Scan# 65

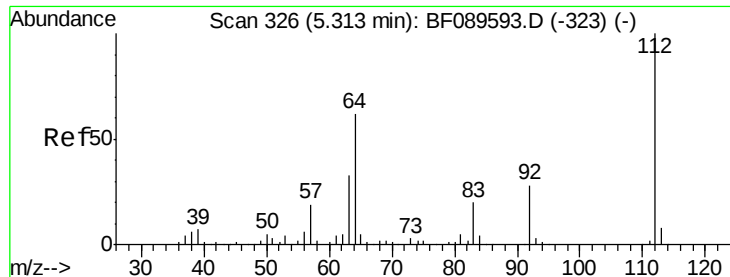
Delta R.T. 0.05 min

Lab File: BF089698.D

Acq: 9 Aug 2016 20:30

Tgt Ion:	42	Resp:	49106
Ion	Ratio	Lower	Upper
42	100		
74	137.9	110.0	165.0
44	6.4	4.8	7.2





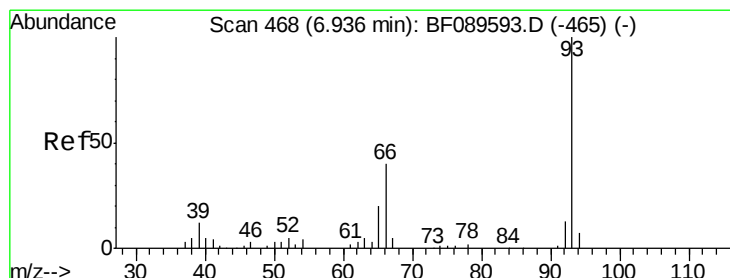
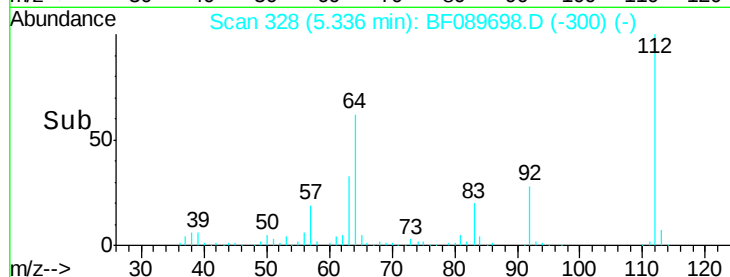
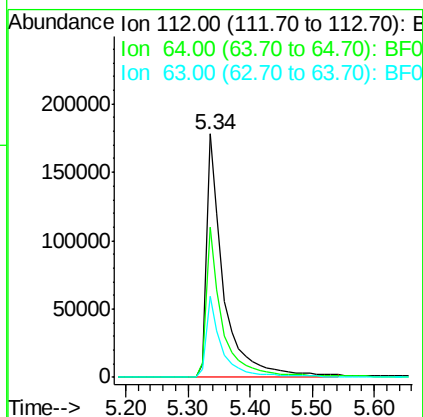
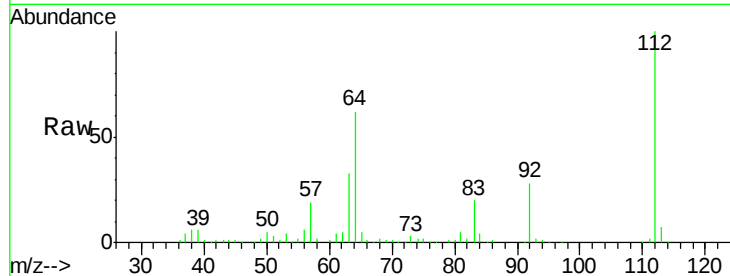
#5
2-Fluorophenol
Concen: 122.19 ng
RT: 5.34 min Scan# 328
Delta R.T. 0.02 min
Lab File: BF089698.D
Acq: 9 Aug 2016 20:30

Instrument :
BNA_F
ClientSampleId :
PB92711BS

Tot Ion:	112	Resp:	337252
Ion Ratio	Lower	Upper	
112	100		
64	61.7	49.9	74.9
63	33.2	26.1	39.1

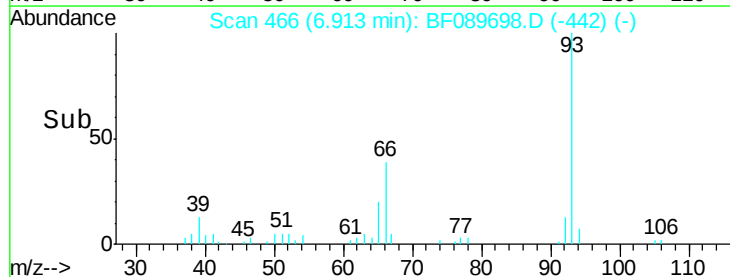
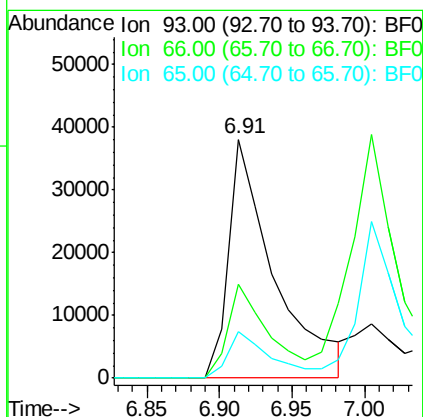
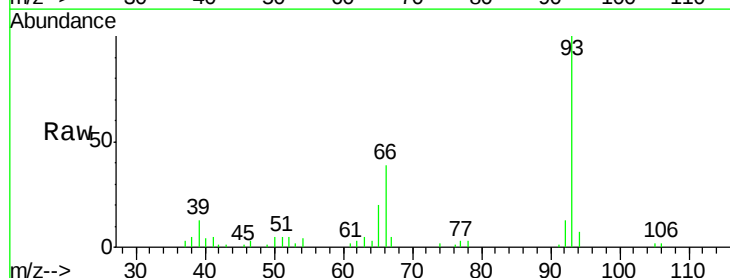
Manual Integrations
APPROVED

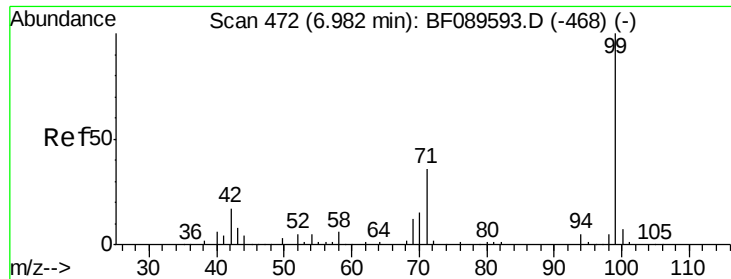
sohil
8/10/2016 9:23:10 AM



#6
Aniline
Concen: 17.00 ng
RT: 6.91 min Scan# 466
Delta R.T. -0.02 min
Lab File: BF089698.D
Acq: 9 Aug 2016 20:30

Tgt Ion:	93	Resp:	82499
Ion Ratio	Lower	Upper	
93	100		
66	39.5	32.2	48.2
65	19.6	15.8	23.8





#7

Phenol-d6

Concen: 117.34 ng

RT: 6.99 min Scan# 473

Delta R.T. 0.01 min

Lab File: BF089698.D

Acq: 9 Aug 2016 20:30

Instrument :

BNA_F

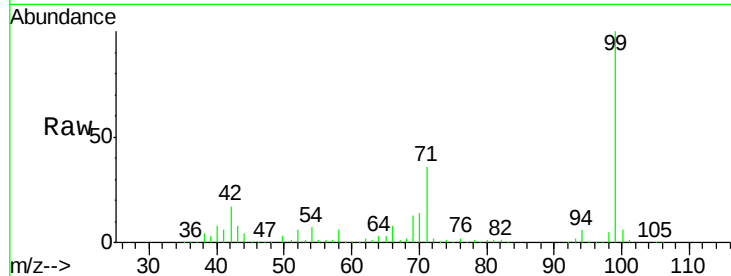
ClientSampleId :

PB92711BS

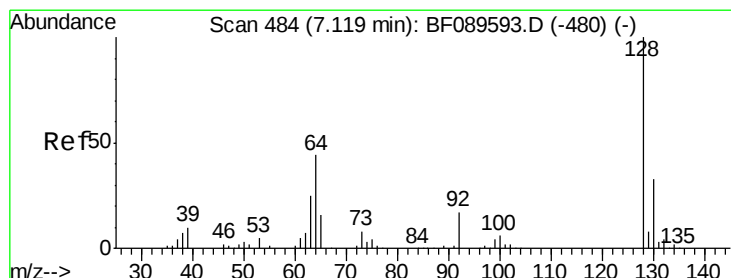
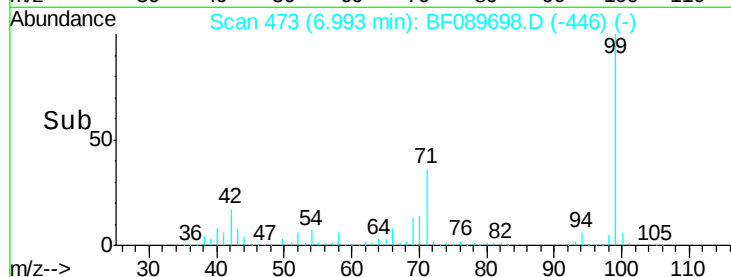
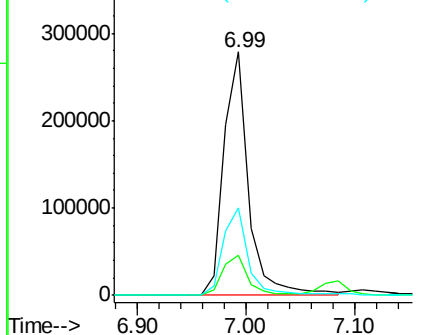
Tot Ion:	99	Resp:	439340
Ion Ratio	Lower	Upper	
99	100		
42	16.6	13.7	20.5
71	35.9	29.0	43.4

Manual Integrations
APPROVED

sohil
8/10/2016 9:23:10 AM



Abundance Ion 99.00 (98.70 to 99.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 40.74 ng

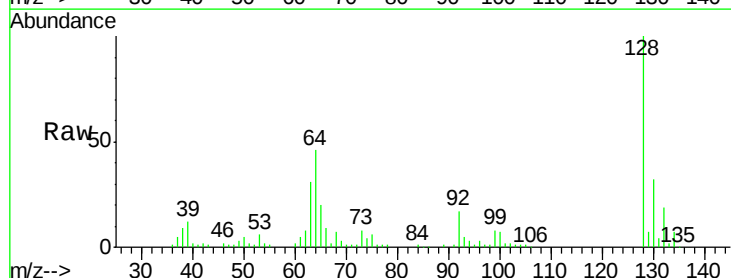
RT: 7.11 min Scan# 483

Delta R.T. -0.01 min

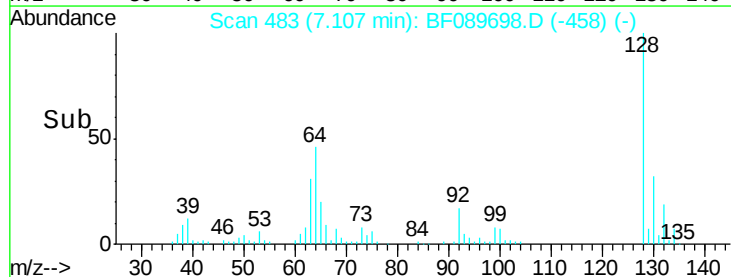
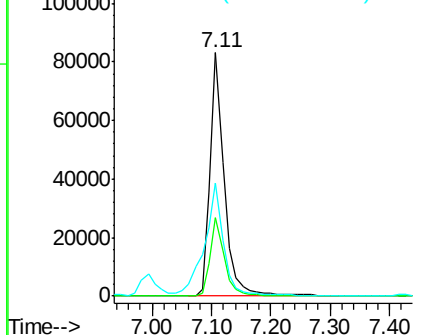
Lab File: BF089698.D

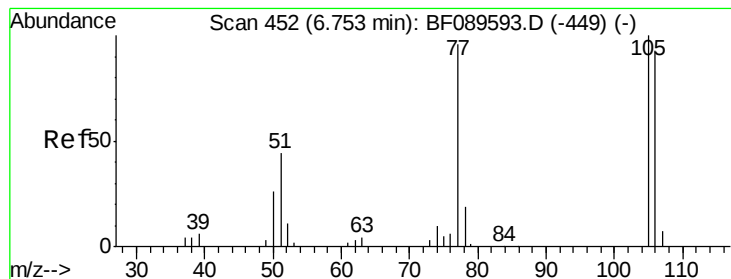
Acq: 9 Aug 2016 20:30

Tgt Ion:	128	Resp:	138056
Ion Ratio	Lower	Upper	
128	100		
130	32.3	12.6	52.6
64	46.4	25.3	65.3



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 32.83 ng/mL

RT: 6.72 min Scan# 449

Delta R.T. -0.03 min

Lab File: BF089698.D

Acq: 9 Aug 2016 20:30

Instrument :

BNA_F

ClientSampleID :

PB92711BS

Tot Ion: 77 Resp: 44594

Ion Ratio Lower Upper

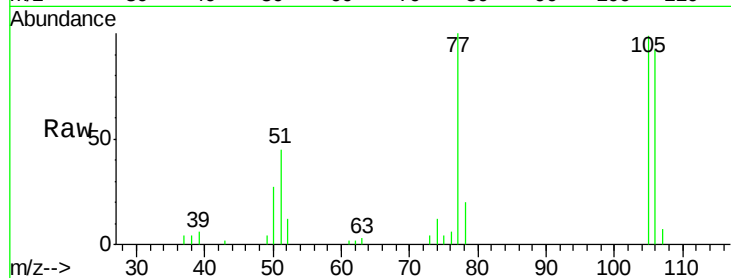
77 100

105 98.6 84.7 124.7

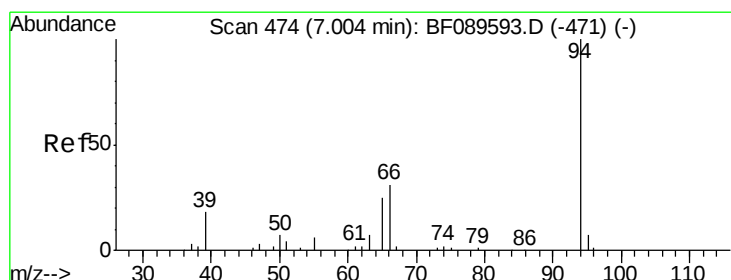
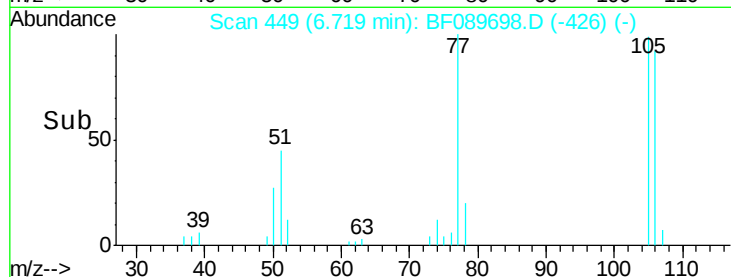
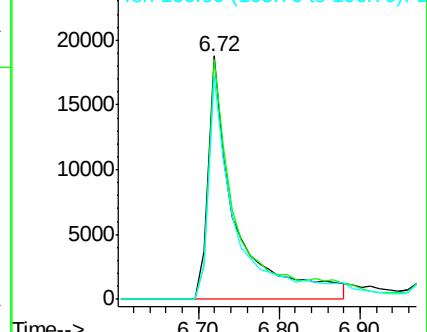
106 91.7 77.1 117.1

Manual Integrations
APPROVED

sohil
8/10/2016 9:23:10 AM



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: 42.44 ng/mL

RT: 7.00 min Scan# 474

Delta R.T. 0.00 min

Lab File: BF089698.D

Acq: 9 Aug 2016 20:30

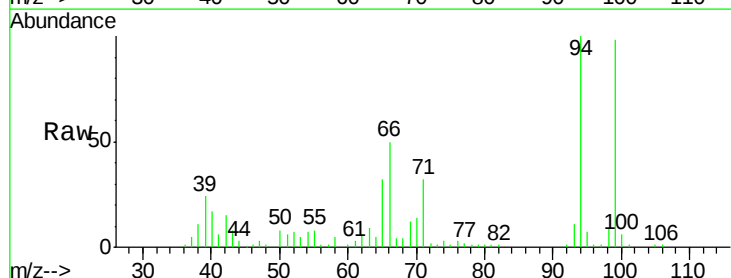
Tgt Ion: 94 Resp: 163119

Ion Ratio Lower Upper

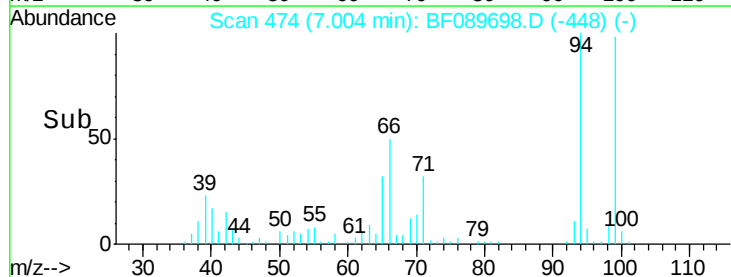
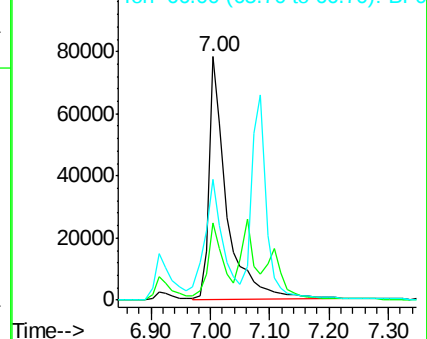
94 100

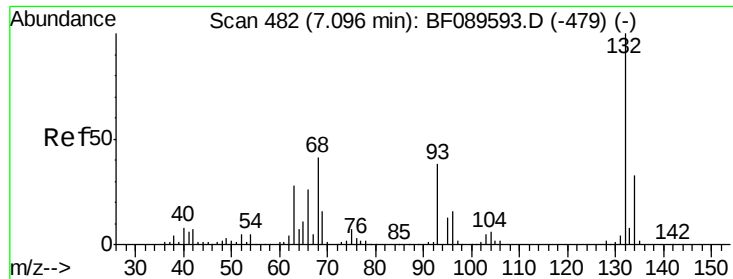
65 31.8 11.0 51.0

66 49.5 27.4 67.4



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





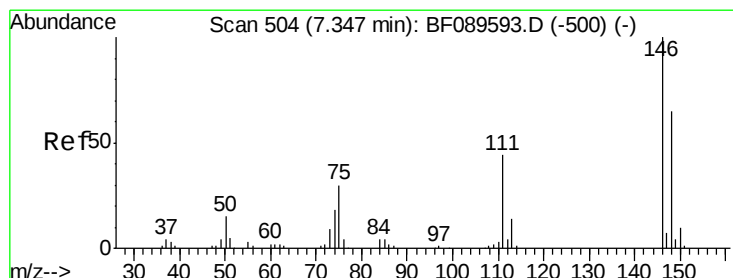
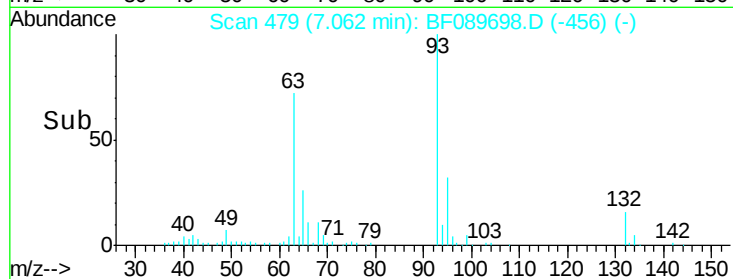
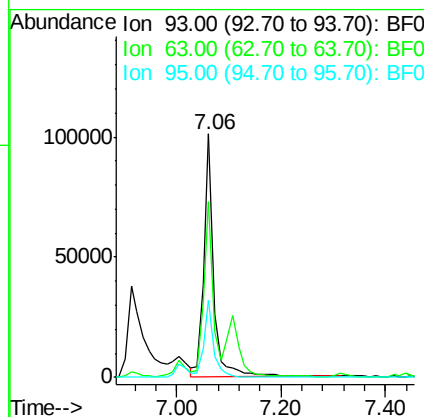
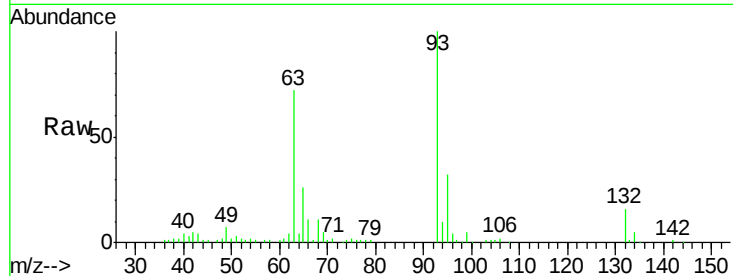
#11
bis(2-Chloroethyl)ether
Concen: 40.62 ng
RT: 7.06 min Scan# 479
Delta R.T. -0.03 min
Lab File: BF089698.D
Acq: 9 Aug 2016 20:30

Instrument :
BNA_F
ClientSampled :
PB92711BS

Tot Ion	Ratio	Resp	Lower	Upper
93	100	134156		
63	72.0	52.2	92.2	
95	31.7	13.1	53.1	

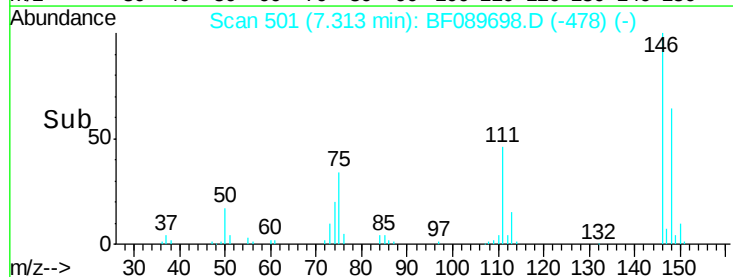
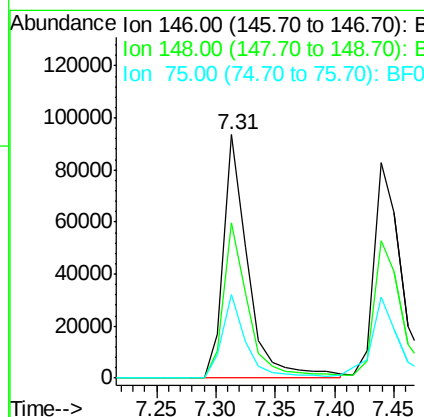
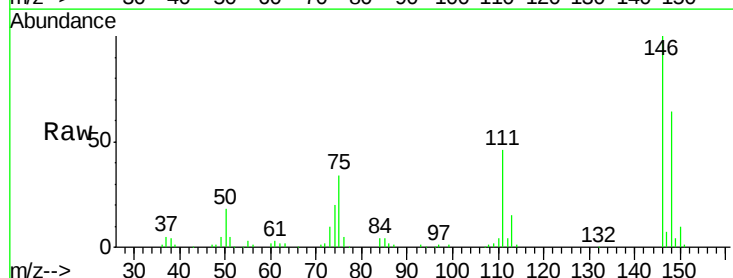
Manual Integrations
APPROVED

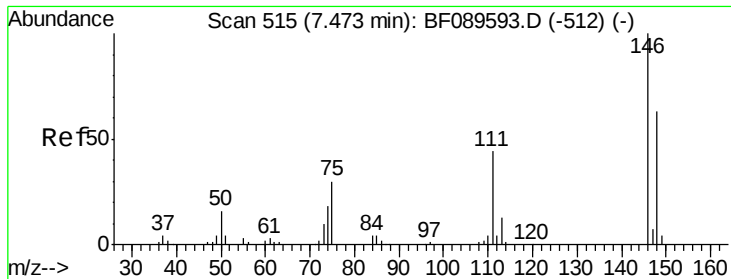
sohil
8/10/2016 9:23:10 AM



#12
1,3-Dichlorobenzene
Concen: 36.43 ng
RT: 7.31 min Scan# 501
Delta R.T. -0.03 min
Lab File: BF089698.D
Acq: 9 Aug 2016 20:30

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	134083		
148	63.6	52.1	78.1	
75	34.4	24.1	36.1	





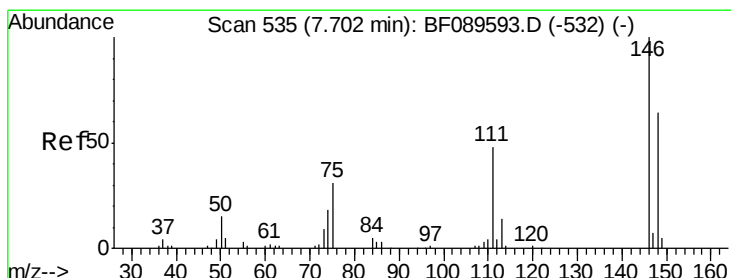
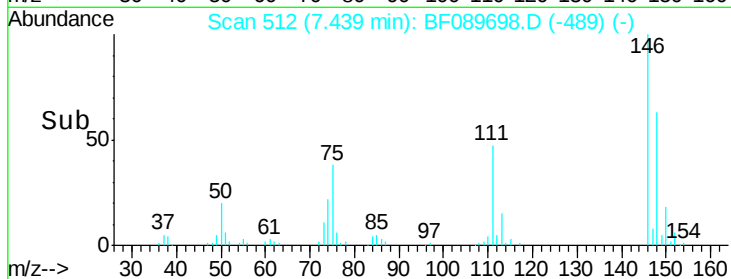
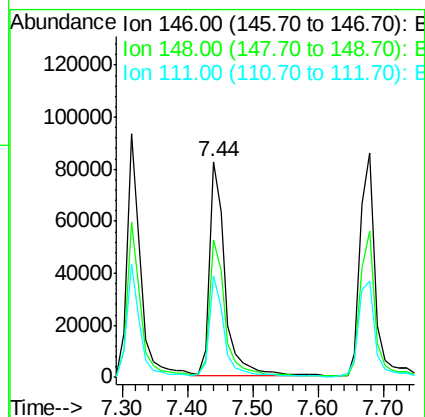
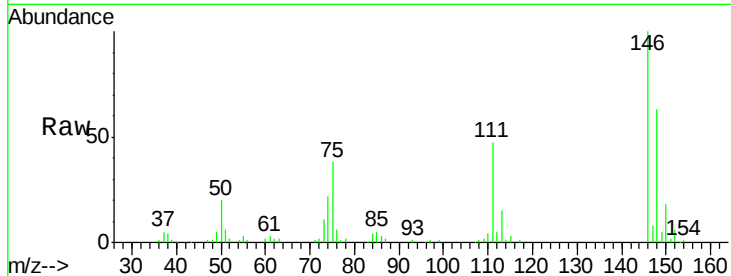
#13
 1,4-Dichlorobenzene
 Concen: 37.45 ng
 RT: 7.44 min Scan# 512
 Delta R.T. -0.03 min
 Lab File: BF089698.D
 Acq: 9 Aug 2016 20:30

Instrument :
 BNA_F
 ClientSampled :
 PB92711BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.4	50.4	75.6
111	46.8	35.0	52.4

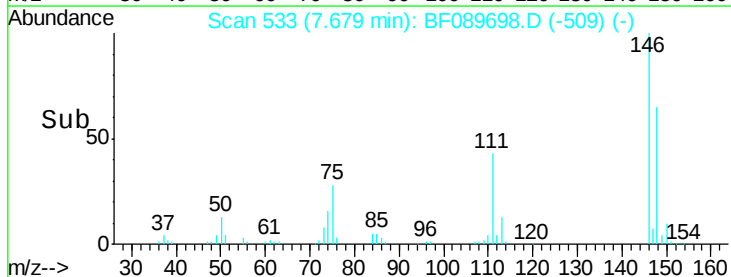
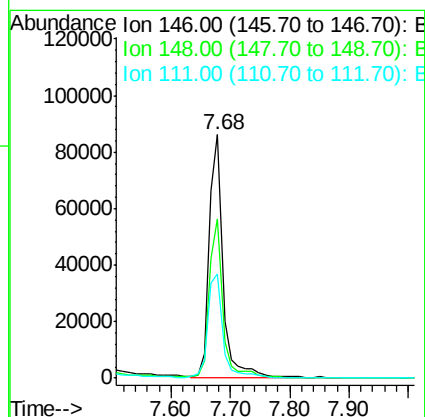
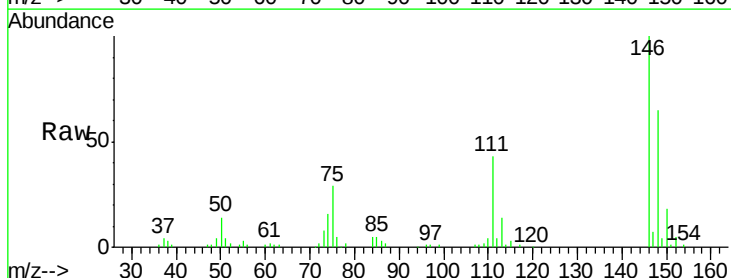
Manual Integrations
 APPROVED

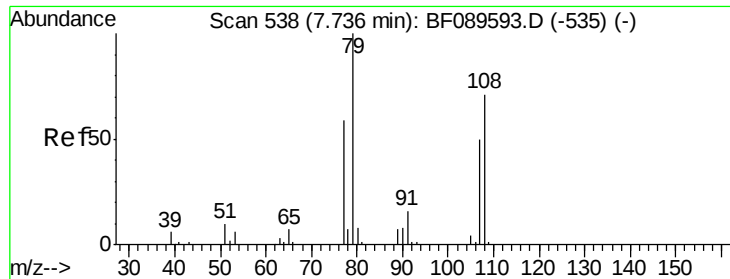
sohil
 8/10/2016 9:23:10 AM



#14
 1,2-Dichlorobenzene
 Concen: 36.69 ng
 RT: 7.68 min Scan# 533
 Delta R.T. -0.02 min
 Lab File: BF089698.D
 Acq: 9 Aug 2016 20:30

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.3	51.0	76.6
111	42.9	38.5	57.7





#15

Benzyl Alcohol

Concen: 44.60 ng

RT: 7.71 min Scan# 536

Delta R.T. -0.02 min

Lab File: BF089698.D

Acq: 9 Aug 2016 20:30

Instrument :

BNA_F

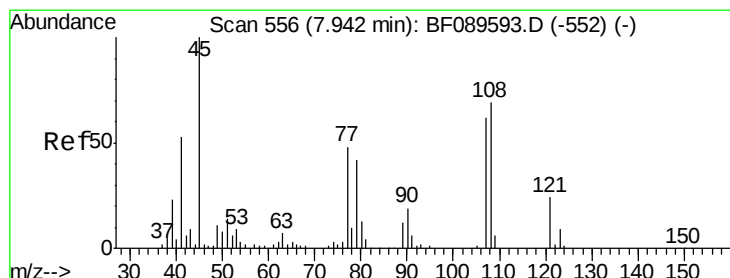
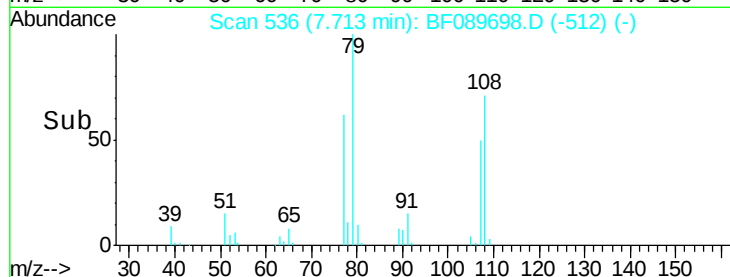
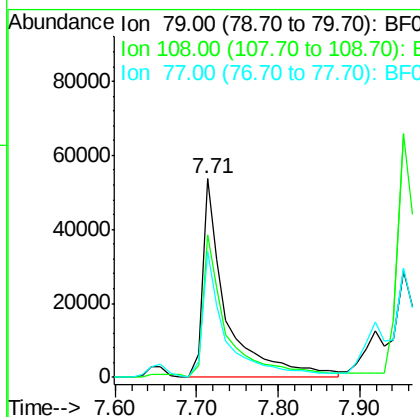
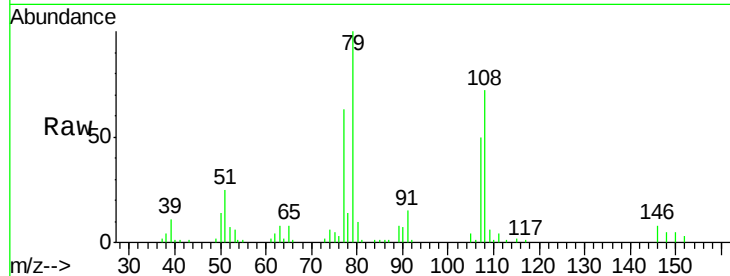
ClientSampled :

PB92711BS

Tot Ion:	79	Resp:	109493
Ion Ratio	Lower	Upper	
79	100		
108	71.7	58.3	87.5
77	63.1	48.7	73.1

Manual Integrations
APPROVED

sohil
8/10/2016 9:23:10 AM



#16

2,2'-oxybis(1-Chloropropane)

Concen: 36.82 ng

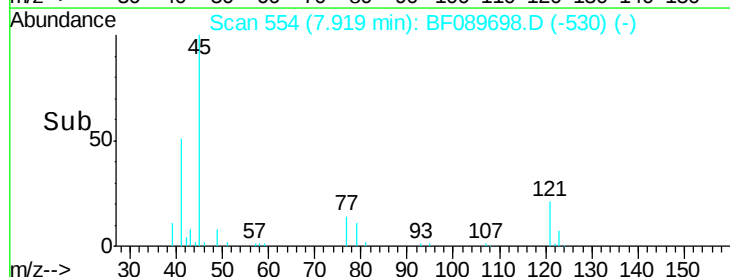
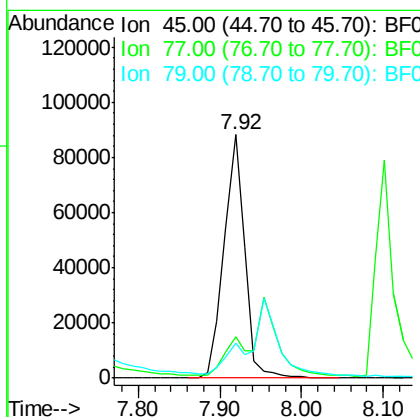
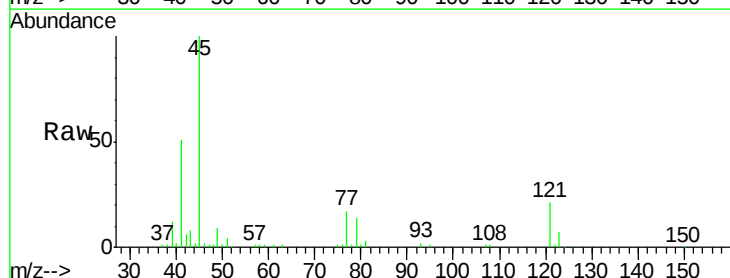
RT: 7.92 min Scan# 554

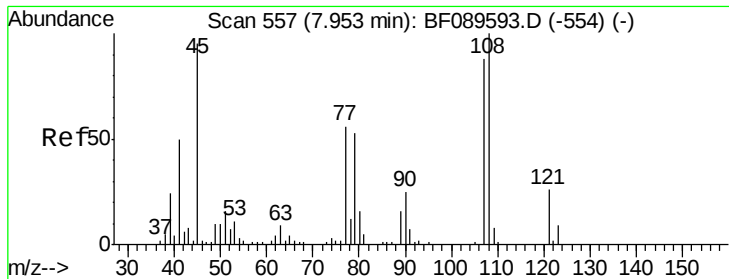
Delta R.T. -0.02 min

Lab File: BF089698.D

Acq: 9 Aug 2016 20:30

Tgt Ion:	45	Resp:	154843
Ion Ratio	Lower	Upper	
45	100		
77	17.2	30.1	70.1#
79	14.2	25.5	65.5#





#17

2-Methylphenol

Concen: 44.40 ng

RT: 7.95 min Scan# 557

Delta R.T. 0.00 min

Lab File: BF089698.D

Acq: 9 Aug 2016 20:30

Instrument :

BNA_F

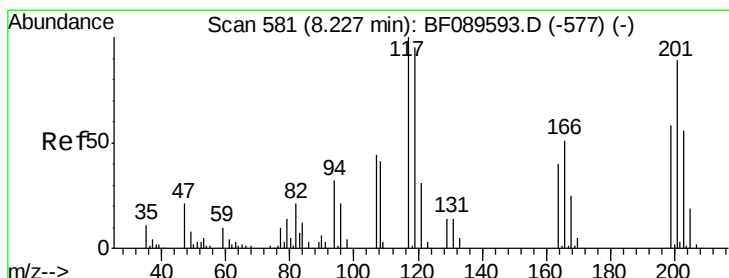
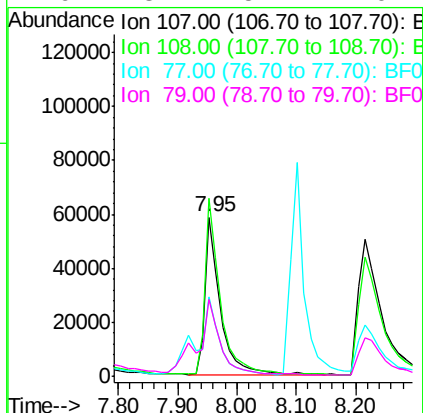
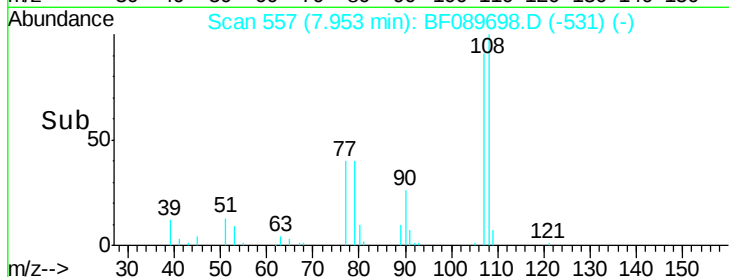
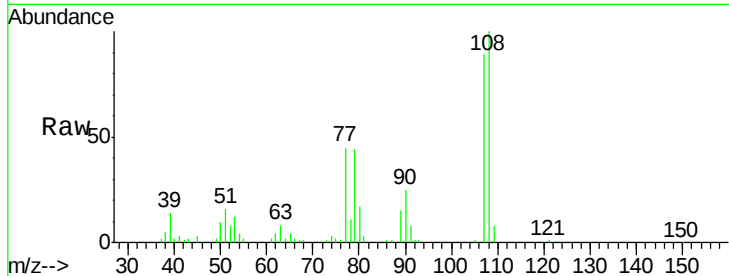
ClientSampleId :

PB92711BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
107	100				
108	111.8	91.2	108663		
77	49.9	54.6	82.0#		
79	48.7	52.7	79.1#		

Manual Integrations
APPROVED

sohil
8/10/2016 9:23:10 AM



#18

Hexachloroethane

Concen: 35.92 ng

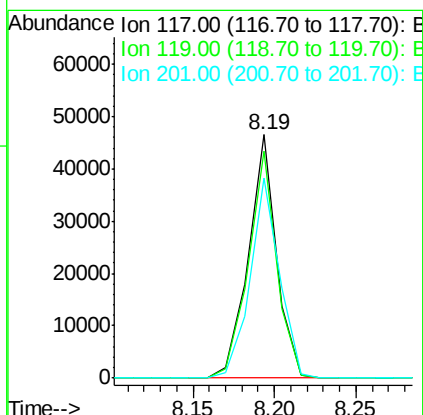
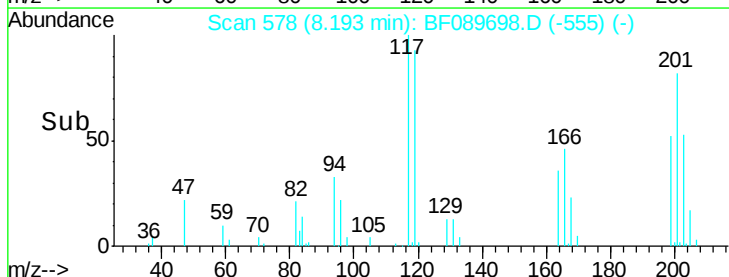
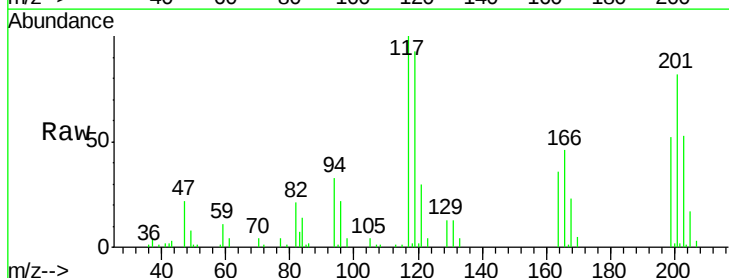
RT: 8.19 min Scan# 578

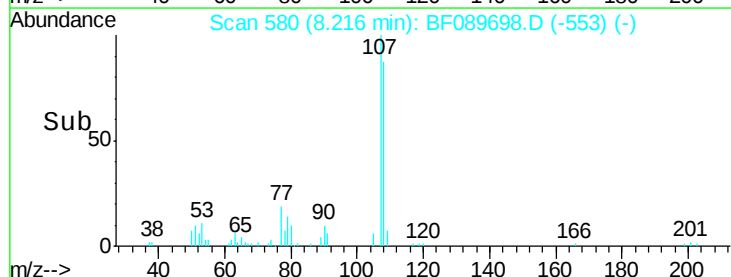
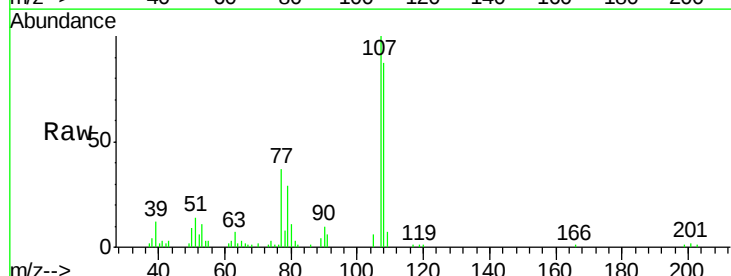
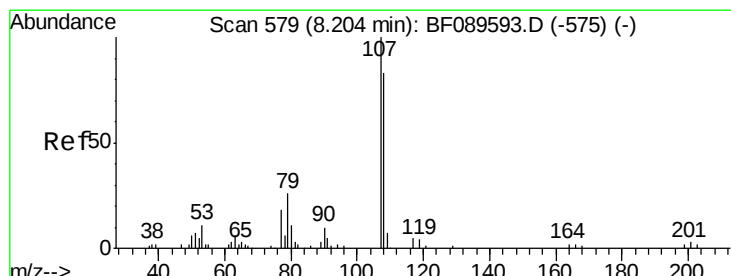
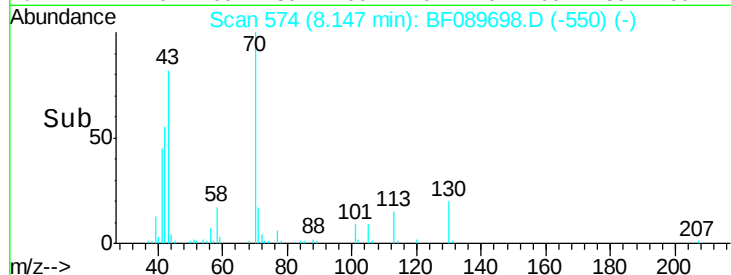
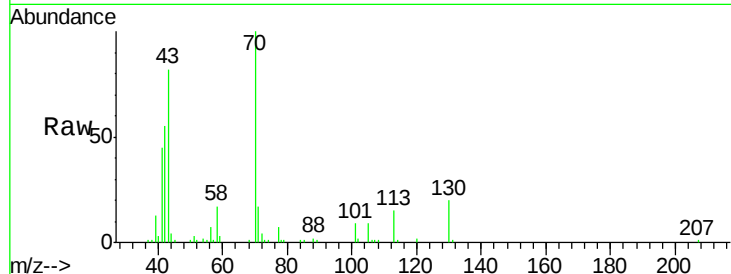
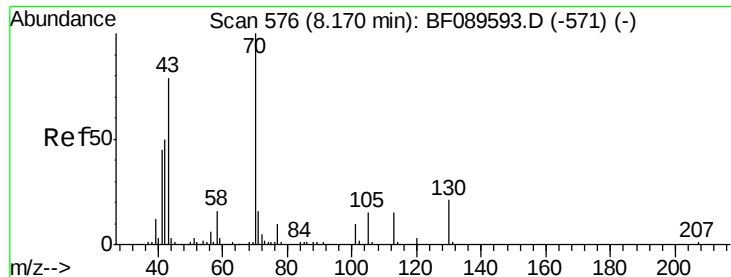
Delta R.T. -0.03 min

Lab File: BF089698.D

Acq: 9 Aug 2016 20:30

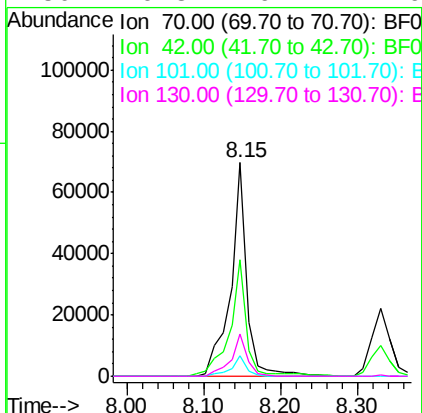
Tgt Ion	Ion	Ratio	Resp	Lower	Upper
117	100		55563		
119	93.0	75.7	113.5		
201	82.3	71.6	107.4		





#19
n-Nitroso-di-n-propylamine
Concen: 38.82 ng
RT: 8.15 min Scan# 574
Delta R.T. -0.02 min
Lab File: BF089698.D
Acq: 9 Aug 2016 20:30

Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100		105001		
42	54.6	40.2	60.2		
101	9.3	7.8	11.6		
130	19.8	16.4	24.6		



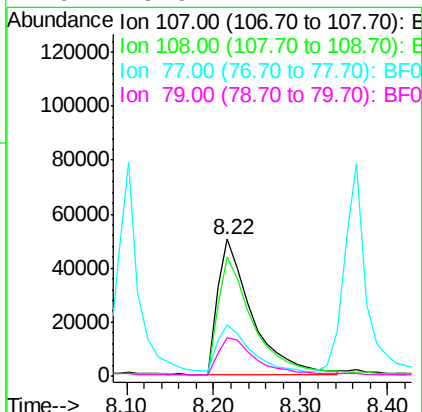
Instrument :
BNA_F
ClientSampled :
PB92711BS

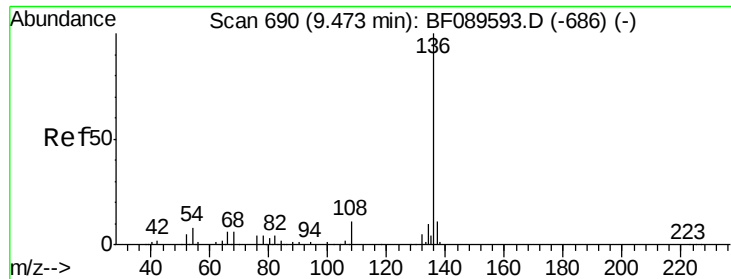
Manual Integrations
APPROVED

sohil
8/10/2016 9:23:10 AM

#20
3+4-Methylphenols
Concen: 44.40 ng
RT: 8.22 min Scan# 580
Delta R.T. 0.01 min
Lab File: BF089698.D
Acq: 9 Aug 2016 20:30

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100		137147		
108	87.4	63.8	103.8		
77	37.5	19.5	59.5		
79	28.6	7.1	47.1		





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 9.45 min Scan# 688

Delta R.T. -0.02 min

Lab File: BF089698.D

Acq: 9 Aug 2016 20:30

Instrument :

BNA_F

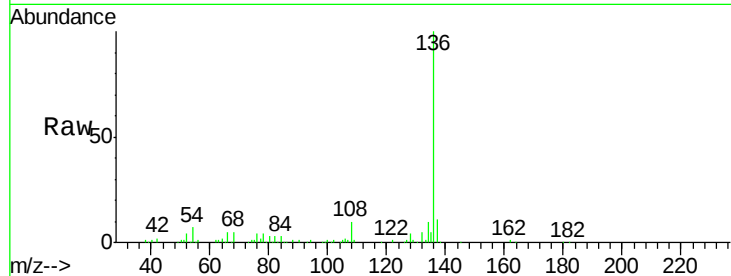
ClientSampleId :

PB92711BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	199366		
137	10.7	8.6	12.8	
54	6.9	6.0	9.0	
68	5.2	4.6	6.8	

Manual Integrations
APPROVED

sohil
8/10/2016 9:23:10 AM



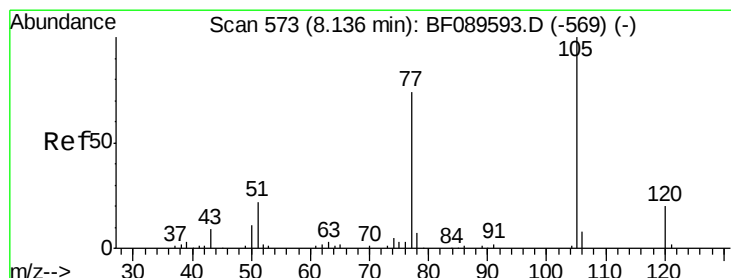
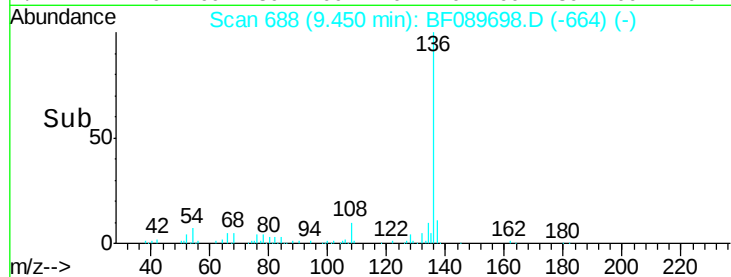
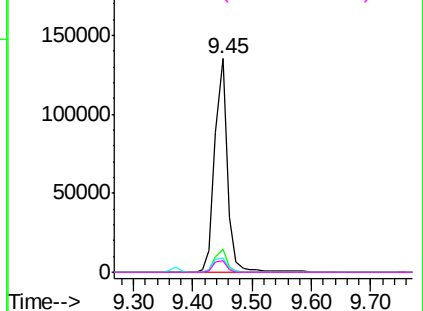
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 34.85 ng

RT: 8.10 min Scan# 570

Delta R.T. -0.03 min

Lab File: BF089698.D

Acq: 9 Aug 2016 20:30

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	165656		
71	0.0	0.0	0.0	
51	23.1	18.2	27.2	
120	19.0	15.7	23.5	

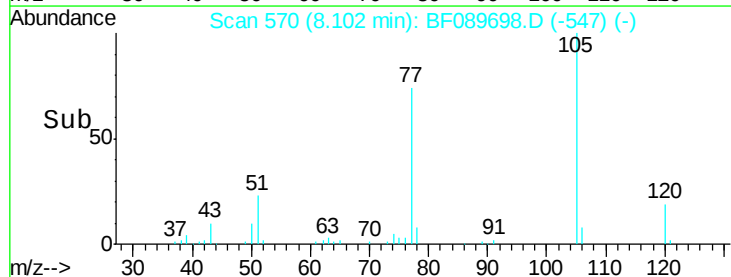
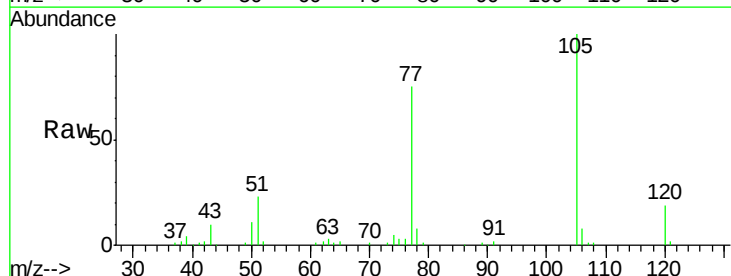
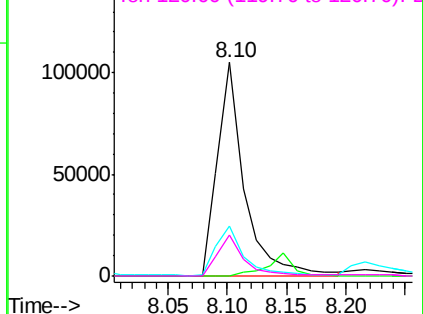
Abundance

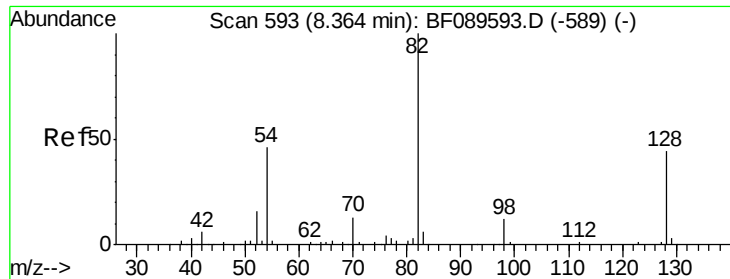
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E





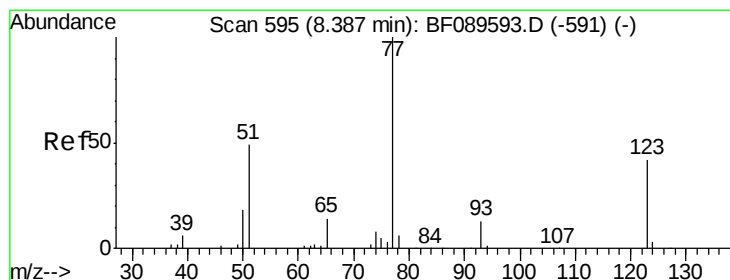
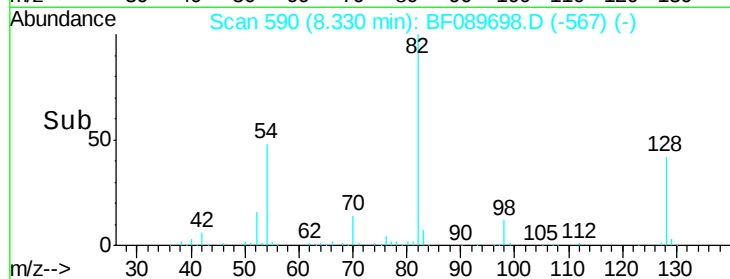
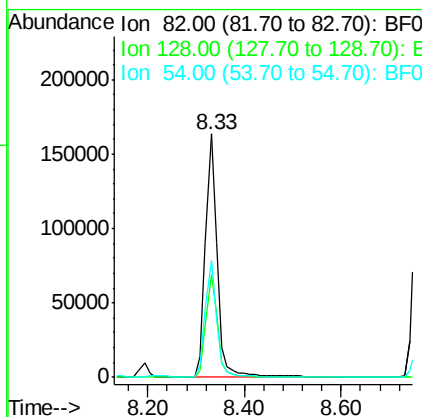
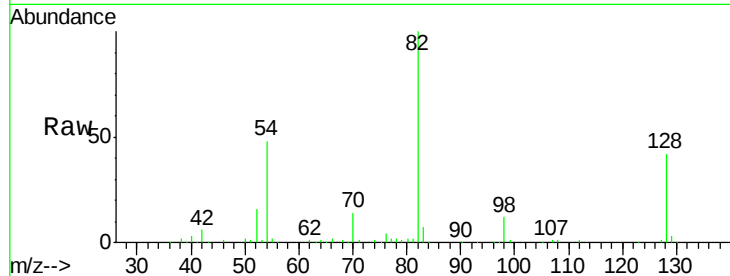
#23
 Nitrobenzene-d5
 Concen: 78.38 ng
 RT: 8.33 min Scan# 590
 Delta R.T. -0.03 min
 Lab File: BF089698.D
 Acq: 9 Aug 2016 20:30

Instrument :
 BNA_F
 ClientSampleId :
 PB92711BS

Tot Ion:	82	Resp:	282525
Ion Ratio	Lower	Upper	
82	100		
128	42.2	35.4	53.0
54	47.9	36.4	54.6

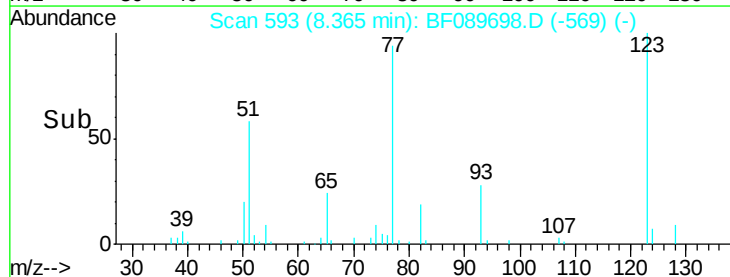
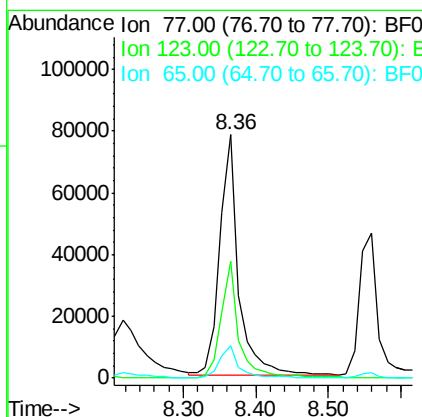
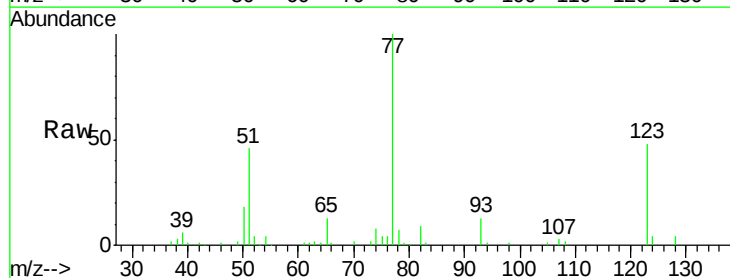
Manual Integrations
 APPROVED

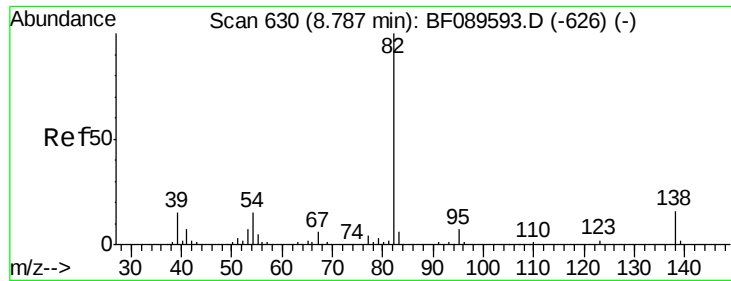
sohil
 8/10/2016 9:23:10 AM



#24
 Nitrobenzene
 Concen: 40.78 ng
 RT: 8.36 min Scan# 593
 Delta R.T. -0.02 min
 Lab File: BF089698.D
 Acq: 9 Aug 2016 20:30

Tgt Ion:	77	Resp:	139596
Ion Ratio	Lower	Upper	
77	100		
123	47.8	32.6	49.0
65	13.3	11.0	16.6





#25

Isophorone

Concen: 39.92 ng

RT: 8.76 min Scan# 628

Delta R.T. -0.02 min

Lab File: BF089698.D

Acq: 9 Aug 2016 20:30

Instrument :

BNA_F

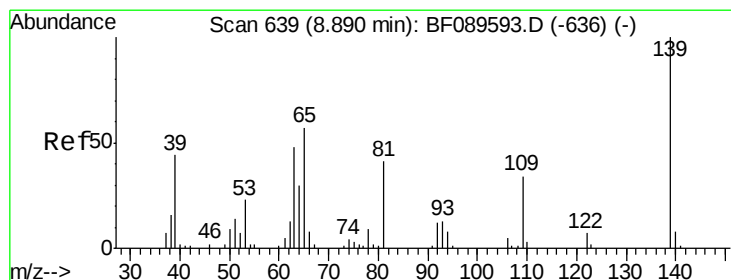
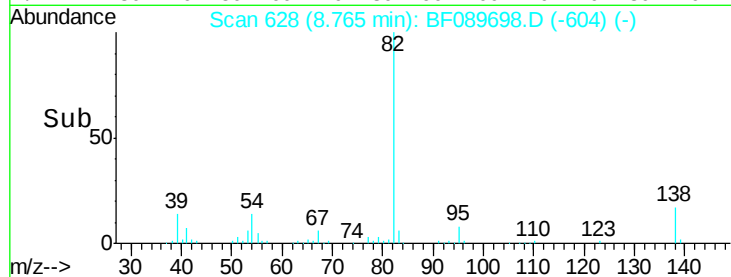
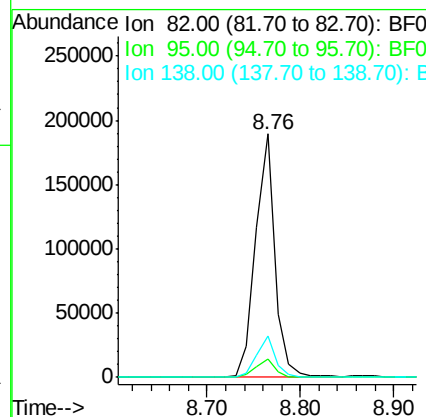
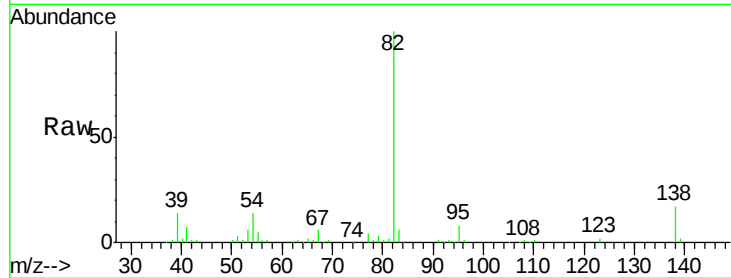
ClientSampleId :

PB92711BS

Tot Ion:	82	Resp:	275519
Ion Ratio		Lower	Upper
82	100		
95	7.8	5.8	8.8
138	16.8	12.6	18.8

Manual Integrations
APPROVED

sohil
8/10/2016 9:23:10 AM



#26

2-Nitrophenol

Concen: 41.00 ng

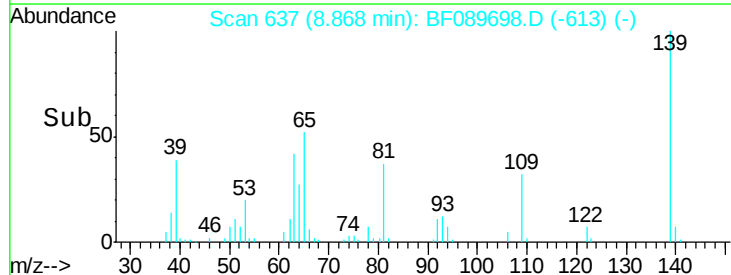
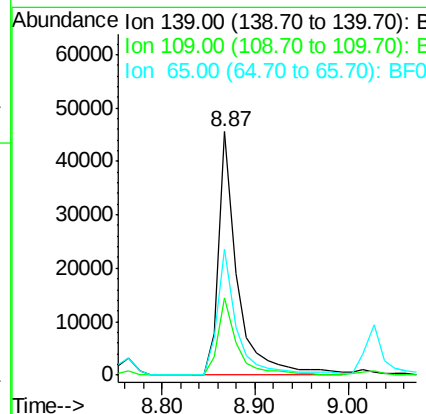
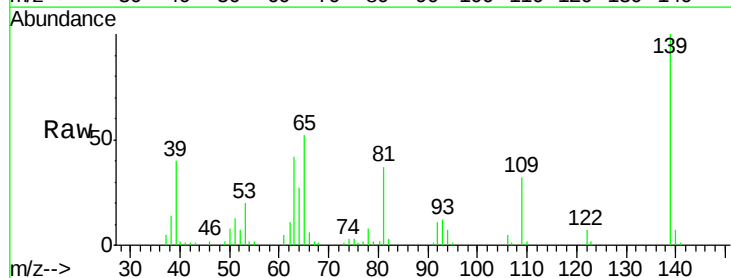
RT: 8.87 min Scan# 637

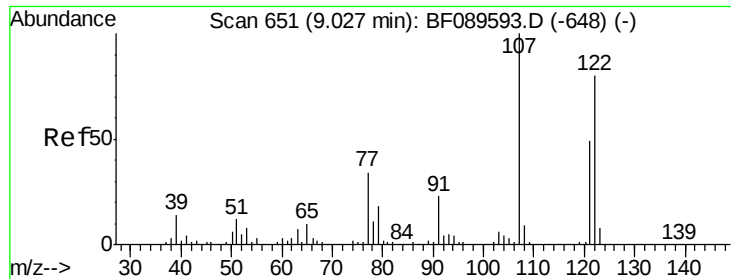
Delta R.T. -0.02 min

Lab File: BF089698.D

Acq: 9 Aug 2016 20:30

Tgt Ion:	139	Resp:	64419
Ion Ratio		Lower	Upper
139	100		
109	32.0	27.5	41.3
65	51.8	45.7	68.5





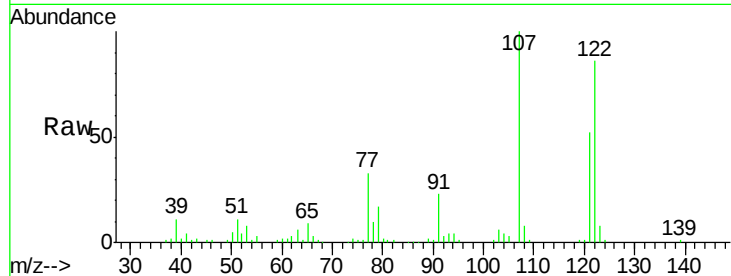
#27
 2,4-Dimethylphenol
 Concen: 42.37 ng
 RT: 9.03 min Scan# 651
 Delta R.T. 0.00 min
 Lab File: BF089698.D
 Acq: 9 Aug 2016 20:30

Instrument :
 BNA_F
 ClientSampleId :
 PB92711BS

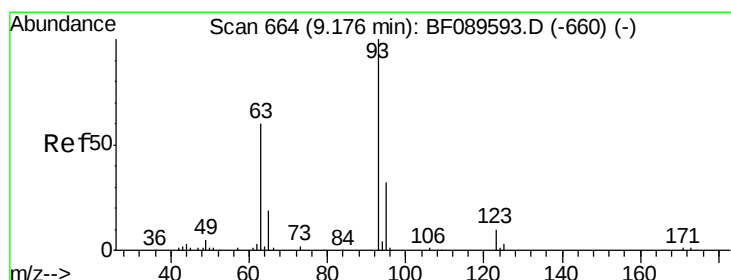
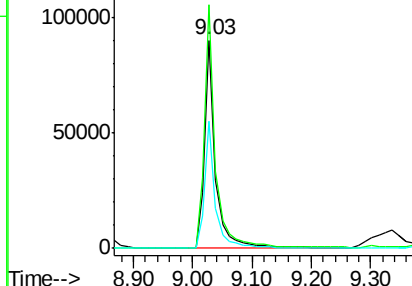
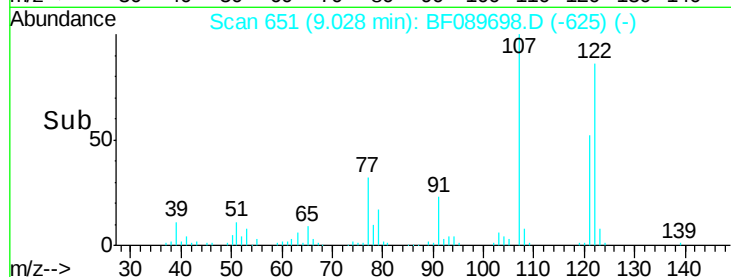
Tot Ion	Ratio	Resp	Lower	Upper
122	100	119674		
107	116.8	99.5	149.3	
121	60.7	48.5	72.7	

Manual Integrations
 APPROVED

sohil
 8/10/2016 9:23:10 AM

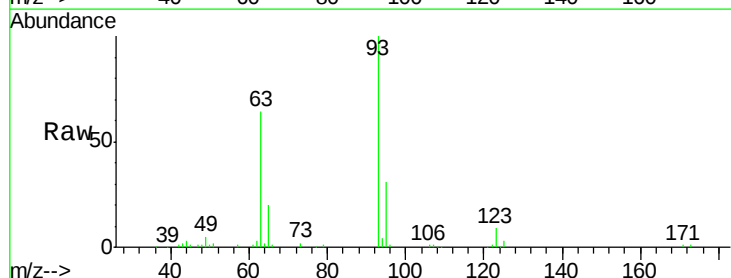


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

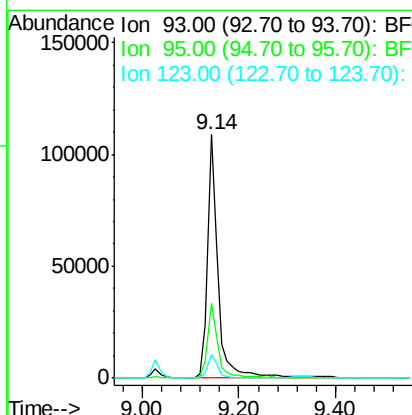
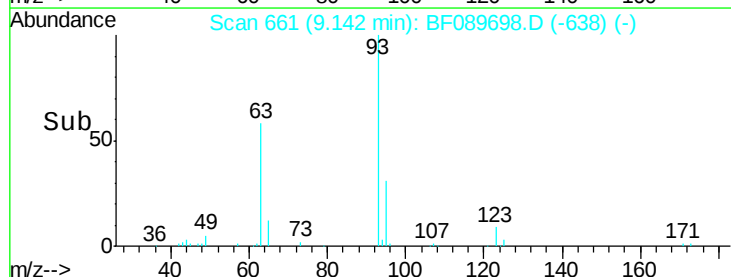


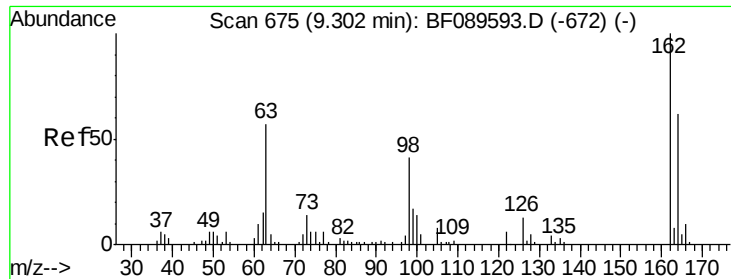
#28
 bis(2-Chloroethoxy)methane
 Concen: 39.84 ng
 RT: 9.14 min Scan# 661
 Delta R.T. -0.03 min
 Lab File: BF089698.D
 Acq: 9 Aug 2016 20:30

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	166345		
95	30.7	25.8	38.8	
123	9.4	8.0	12.0	



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





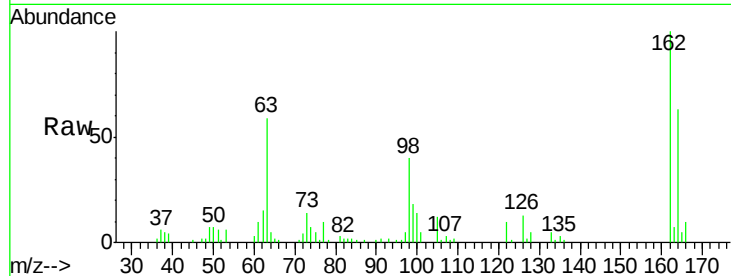
#29
 2,4-Dichlorophenol
 Concen: 39.29 ng
 RT: 9.30 min Scan# 675
 Delta R.T. 0.00 min
 Lab File: BF089698.D
 Acq: 9 Aug 2016 20:30

Instrument :
 BNA_F
 ClientSampleId :
 PB92711BS

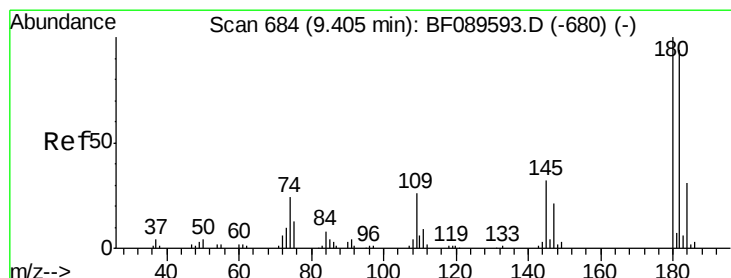
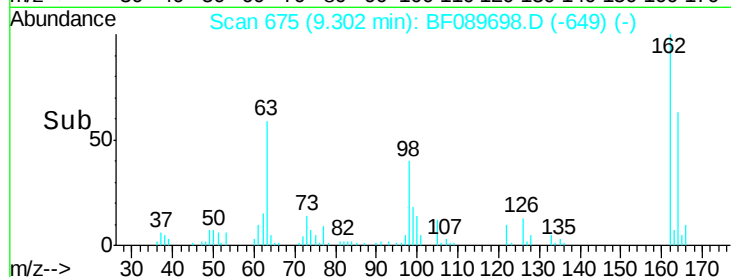
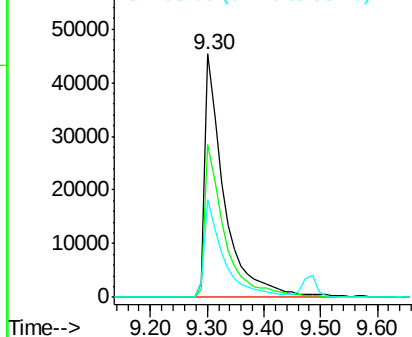
Tot Ion:	162	Resp:	105006
Ion Ratio	Lower	Upper	
162	100		
164	62.8	42.3	82.3
98	40.0	21.2	61.2

Manual Integrations
 APPROVED

sohil
 8/10/2016 9:23:10 AM



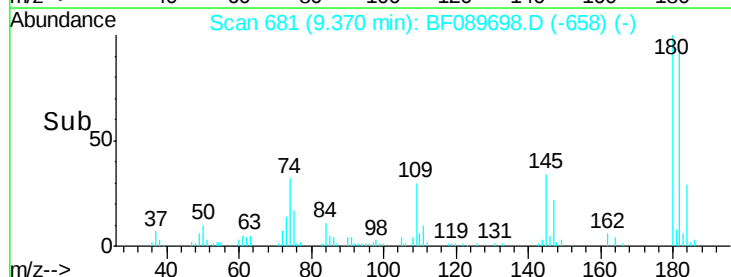
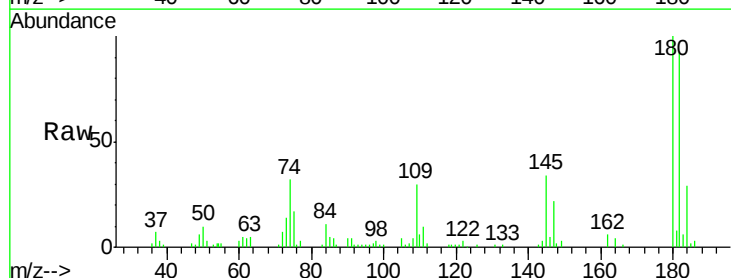
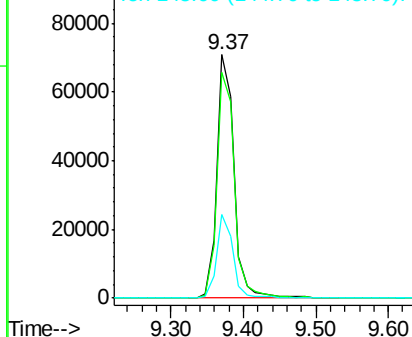
Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

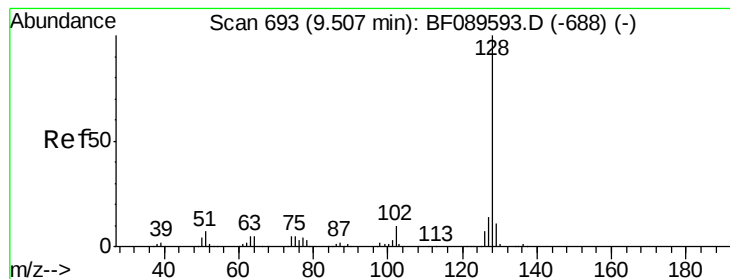


#30
 1,2,4-Trichlorobenzene
 Concen: 38.03 ng
 RT: 9.37 min Scan# 681
 Delta R.T. -0.03 min
 Lab File: BF089698.D
 Acq: 9 Aug 2016 20:30

Tgt Ion:	180	Resp:	116082
Ion Ratio	Lower	Upper	
180	100		
182	92.6	75.0	112.6
145	34.2	25.6	38.4

Abundance Ion 180.00 (179.70 to 180.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 37.65 ng

RT: 9.48 min Scan# 691

Delta R.T. -0.02 min

Lab File: BF089698.D

Acq: 9 Aug 2016 20:30

Instrument :

BNA_F

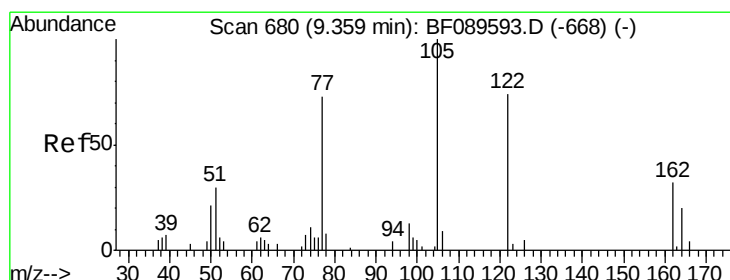
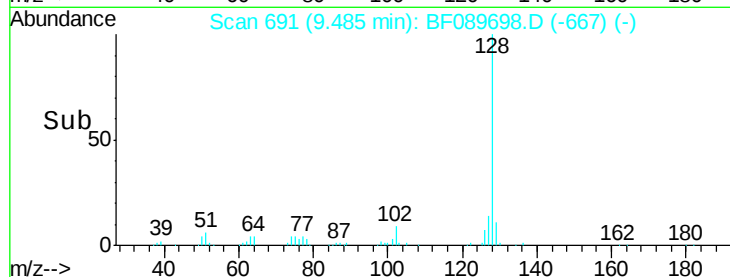
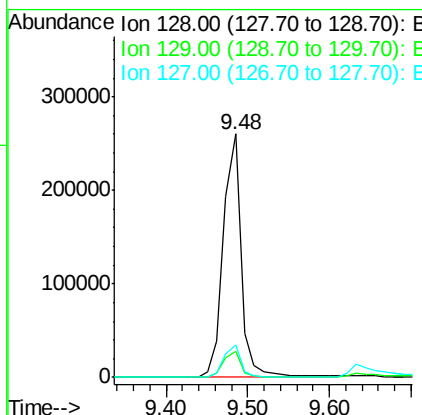
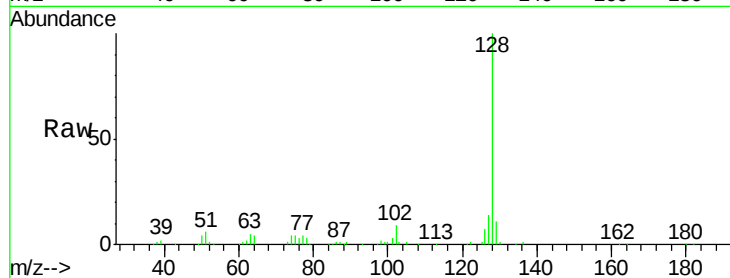
ClientSampleId :

PB92711BS

Tot Ion:	128	Resp:	399008
Ion Ratio	Lower	Upper	
128	100		
129	10.6	8.7	13.1
127	13.5	10.9	16.3

Manual Integrations
APPROVED

sohil
8/10/2016 9:23:10 AM



#32

Benzoic acid

Concen: 18.41 ng

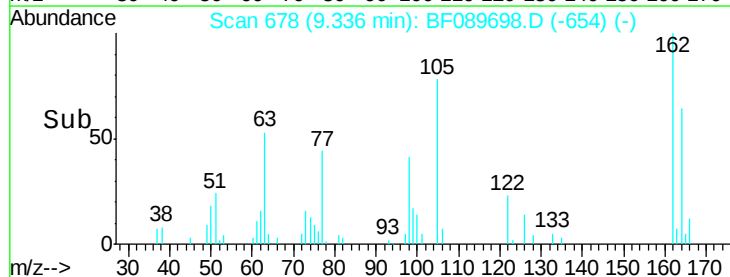
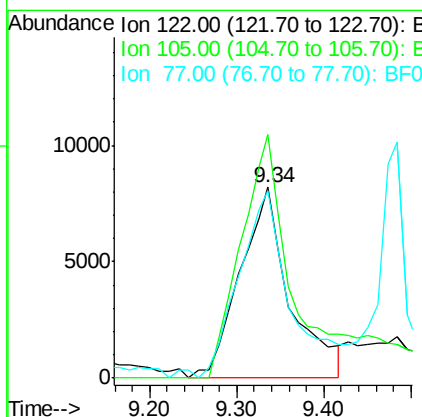
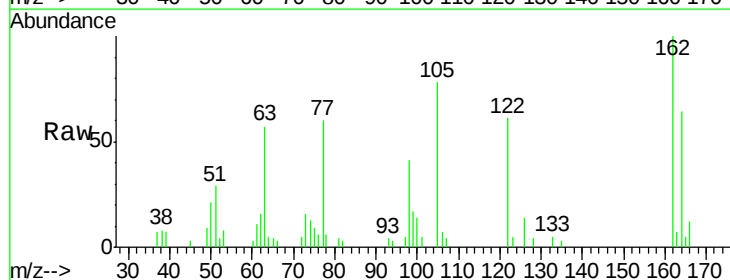
RT: 9.34 min Scan# 678

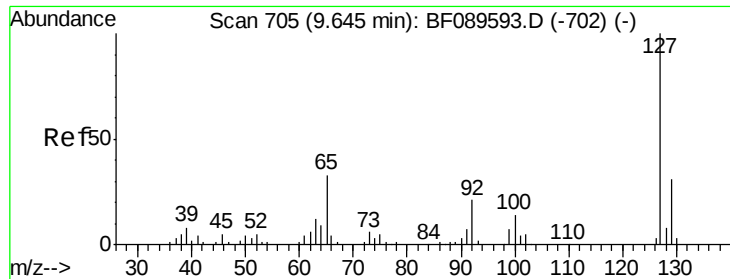
Delta R.T. -0.02 min

Lab File: BF089698.D

Acq: 9 Aug 2016 20:30

Tgt Ion:	122	Resp:	32665
Ion Ratio	Lower	Upper	
122	100		
105	127.7	109.9	149.9
77	98.0	77.5	117.5





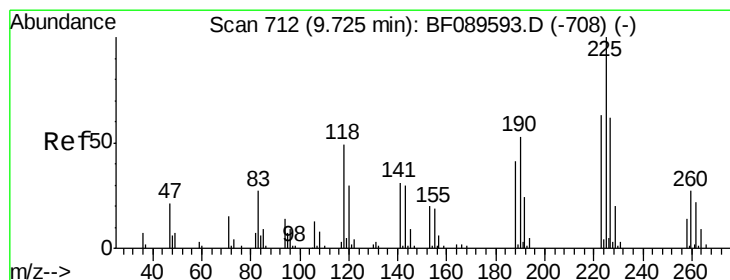
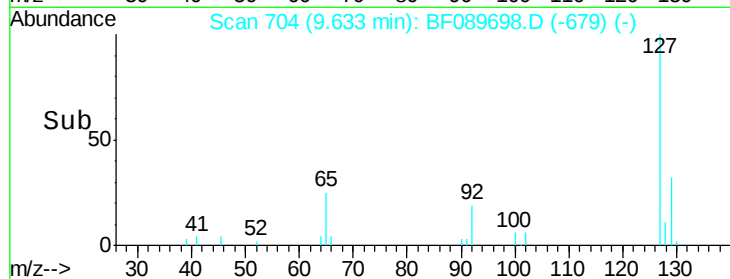
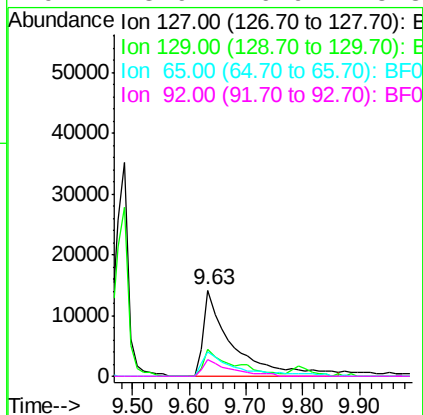
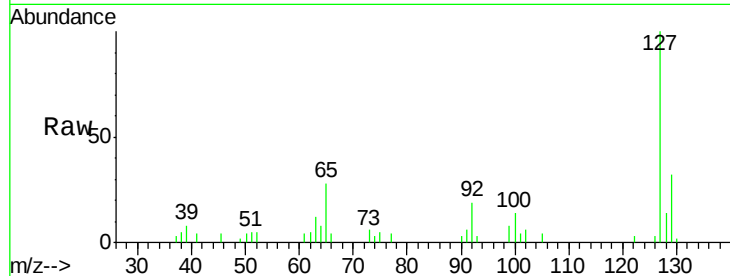
#33
4-Chloroaniline
Concen: 12.45 ng
RT: 9.63 min Scan# 704
Delta R.T. -0.01 min
Lab File: BF089698.D
Acq: 9 Aug 2016 20:30

Instrument :
BNA_F
ClientSampleId :
PB92711BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	31.9	25.1	37.7		
65	28.2	26.2	39.2		
92	18.9	16.9	25.3		

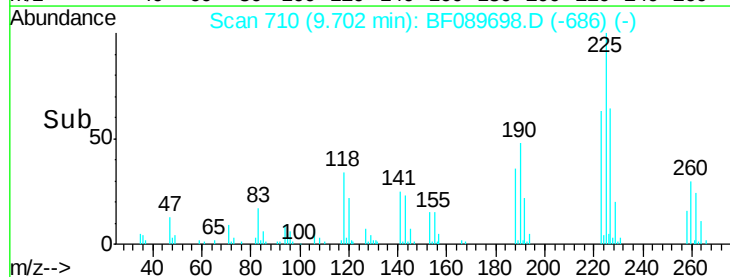
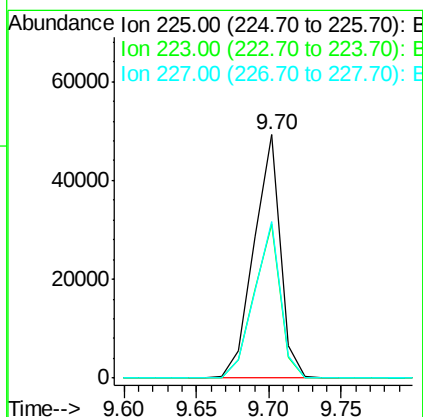
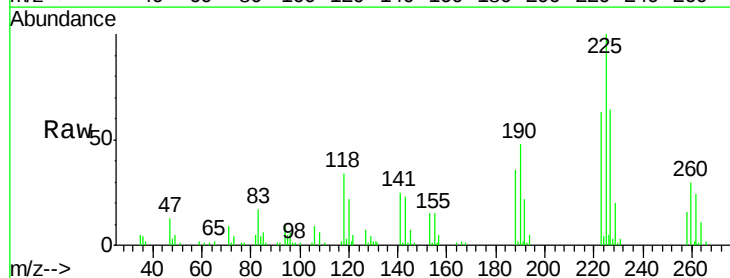
Manual Integrations
APPROVED

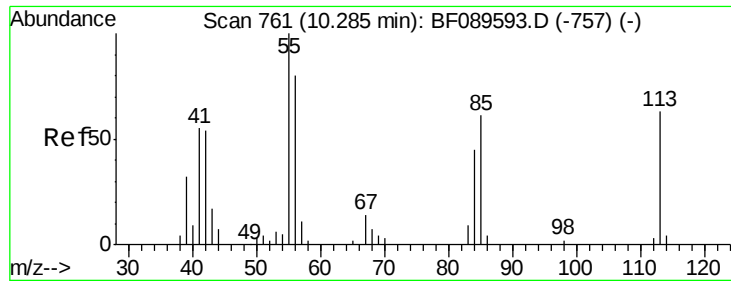
sohil
8/10/2016 9:23:10 AM



#34
Hexachlorobutadiene
Concen: 35.39 ng
RT: 9.70 min Scan# 710
Delta R.T. -0.02 min
Lab File: BF089698.D
Acq: 9 Aug 2016 20:30

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	63.3	50.7	76.1		
227	64.3	49.4	74.0		





#35

Caprolactam

Concen: 43.51 ng/mL

RT: 10.26 min Scan# 759

Delta R.T. -0.02 min

Lab File: BF089698.D

Acq: 9 Aug 2016 20:30

Instrument :

BNA_F

ClientSampleId :

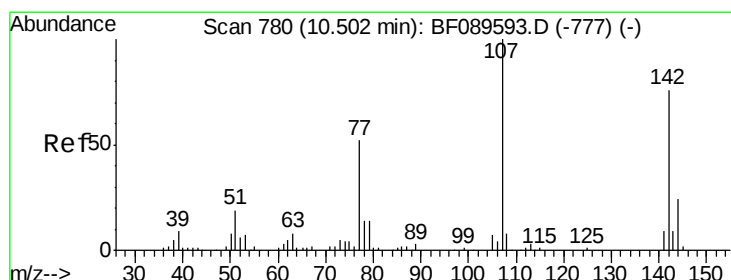
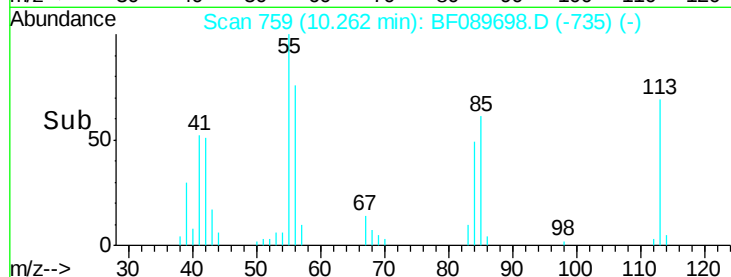
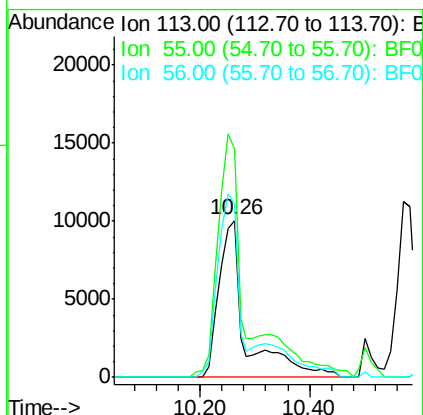
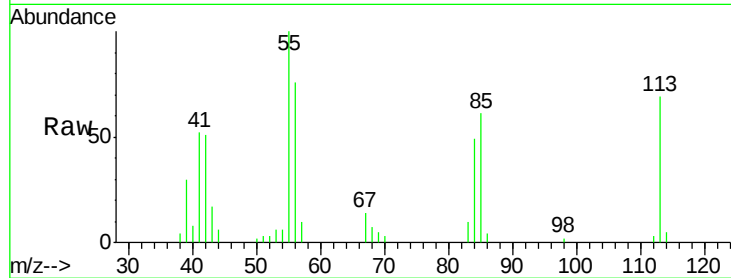
PB92711BS

Tot Ion:113 Resp: 33895

Ion	Ratio	Lower	Upper
113	100		
55	145.4	139.6	179.6
56	110.2	108.2	148.2

Manual Integrations
APPROVED

sohil
8/10/2016 9:23:10 AM



#36

4-Chloro-3-methylphenol

Concen: 37.39 ng/mL

RT: 10.50 min Scan# 780

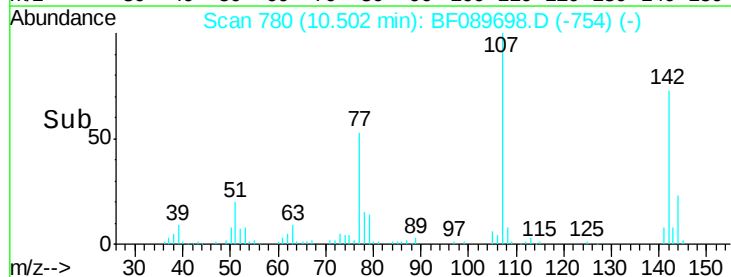
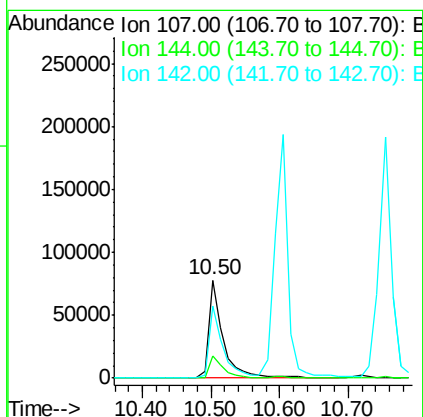
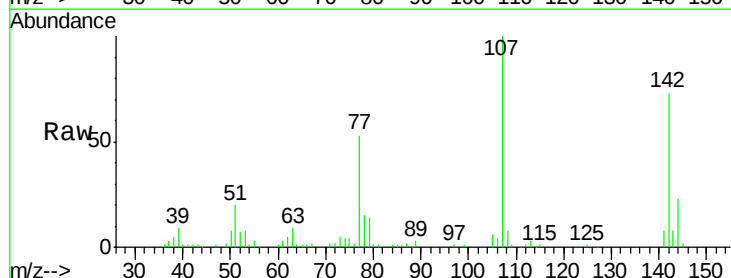
Delta R.T. 0.00 min

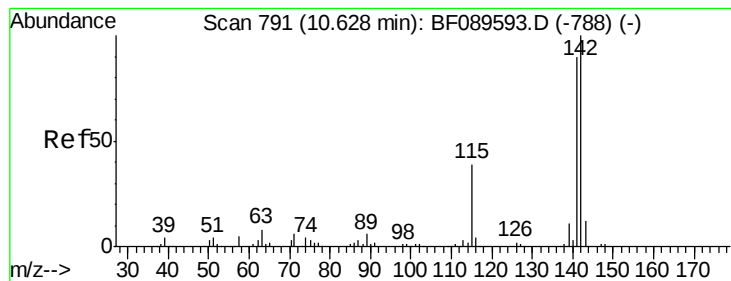
Lab File: BF089698.D

Acq: 9 Aug 2016 20:30

Tgt Ion:107 Resp: 116154

Ion	Ratio	Lower	Upper
107	100		
144	23.0	18.9	28.3
142	73.1	60.4	90.6





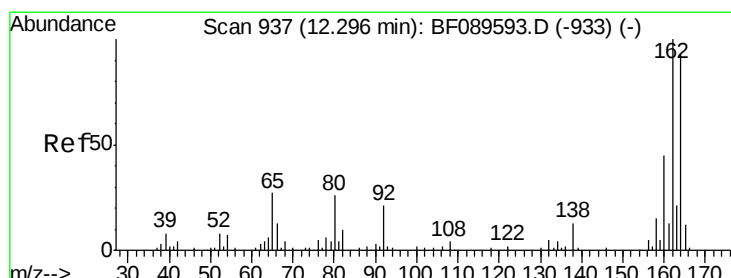
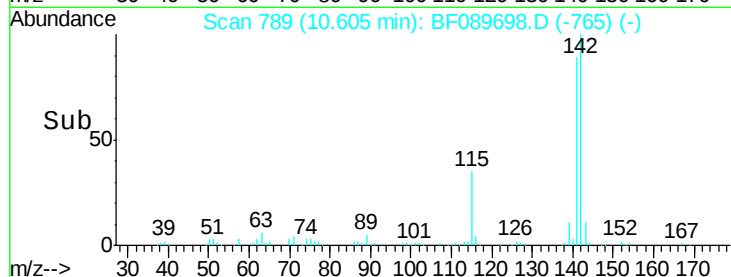
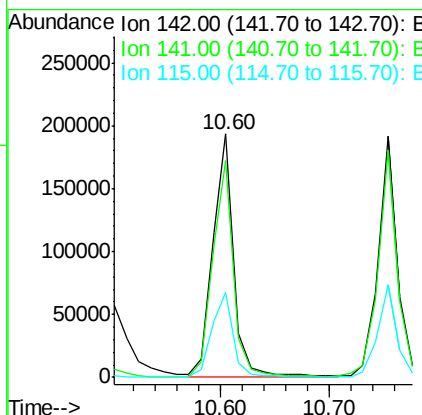
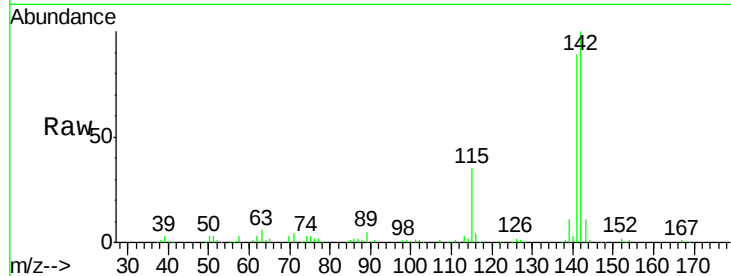
#37
2-Methylnaphthalene
Concen: 39.49 ng
RT: 10.60 min Scan# 789
Delta R.T. -0.02 min
Lab File: BF089698.D
Acq: 9 Aug 2016 20:30

Instrument :
BNA_F
ClientSampled :
PB92711BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.9	71.8	107.6
115	35.0	31.0	46.4

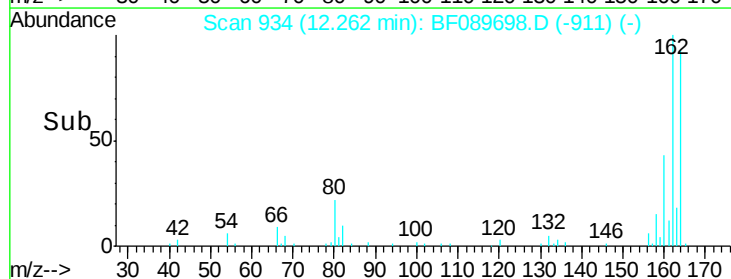
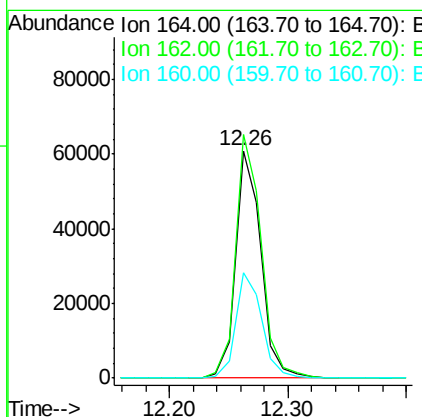
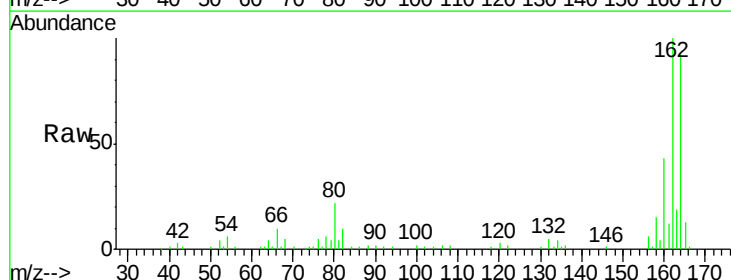
Manual Integrations
APPROVED

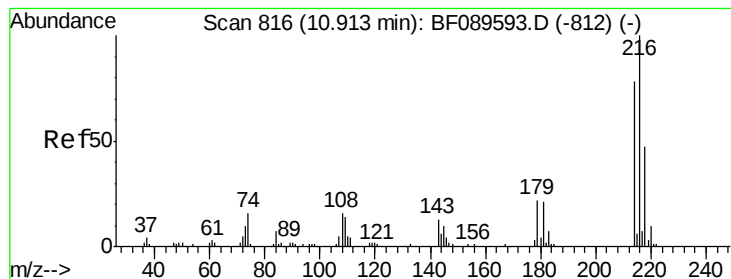
sohil
8/10/2016 9:23:10 AM



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 12.26 min Scan# 934
Delta R.T. -0.03 min
Lab File: BF089698.D
Acq: 9 Aug 2016 20:30

Tgt Ion	Ratio	Lower	Upper
164	100		
162	107.0	85.7	128.5
160	46.4	38.2	57.4





#39

1,2,4,5-Tetrachlorobenzene

Concen: 29.19 ng

RT: 10.88 min Scan# 813

Delta R.T. -0.03 min

Lab File: BF089698.D

Acq: 9 Aug 2016 20:30

Instrument :

BNA_F

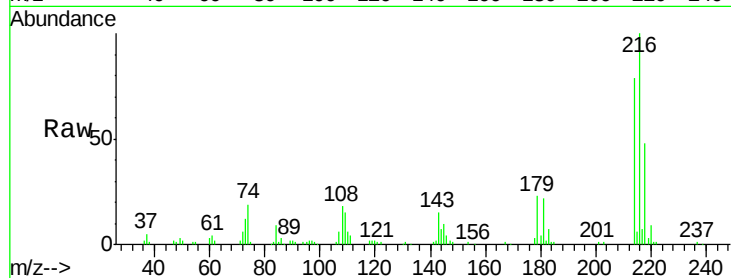
ClientSampleId :

PB92711BS

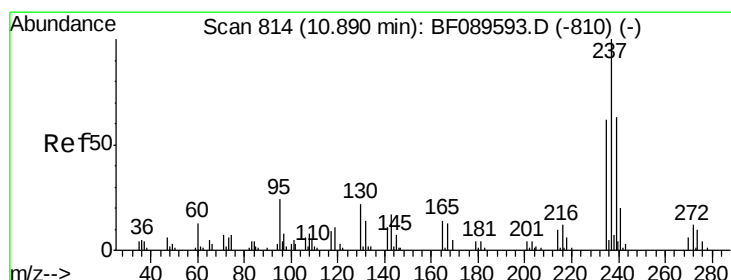
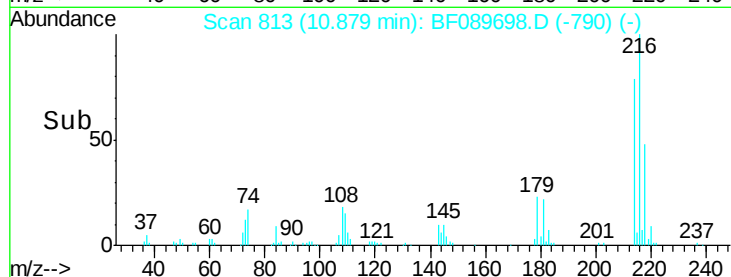
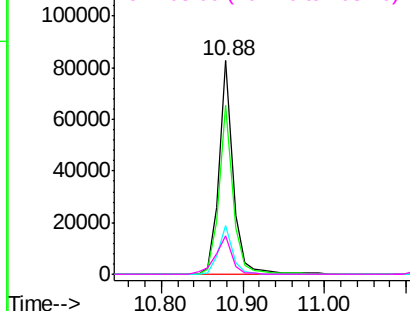
Tot Ion	Ratio	Lower	Upper
216	100		
214	78.2	62.6	94.0
179	22.5	17.8	26.8
108	21.2	16.3	24.5

Manual Integrations
APPROVED

sohil
8/10/2016 9:23:10 AM



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



#40

Hexachlorocyclopentadiene

Concen: 50.53 ng

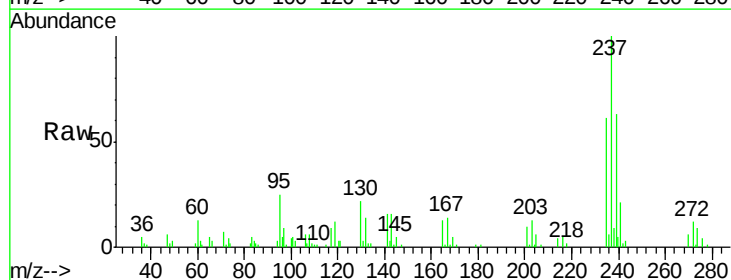
RT: 10.86 min Scan# 811

Delta R.T. -0.03 min

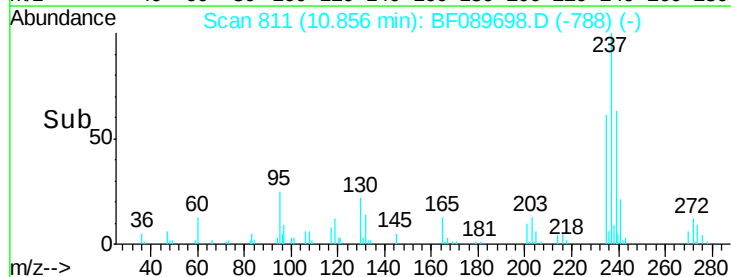
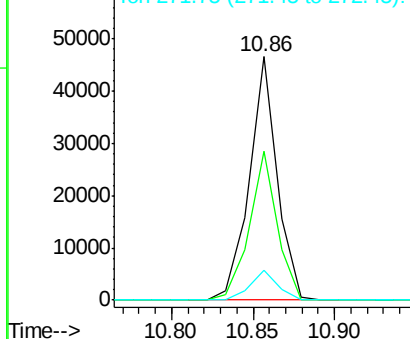
Lab File: BF089698.D

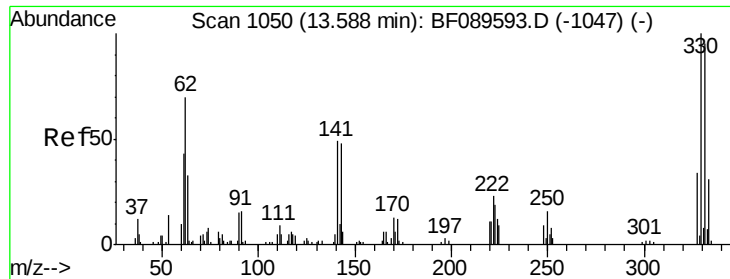
Acq: 9 Aug 2016 20:30

Tgt Ion	Ratio	Lower	Upper
237	100		
235	61.3	41.9	81.9
272	12.2	0.0	32.4



Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E





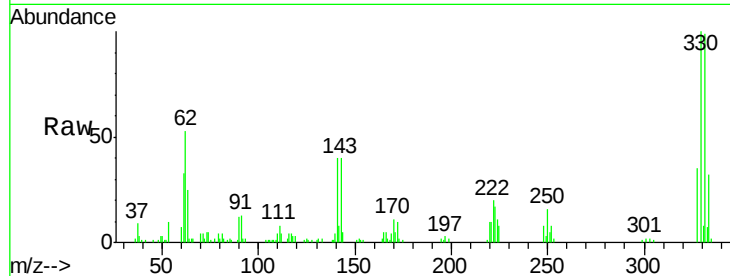
#41
 2,4,6-Tribromophenol
 Concen: 108.91 ng
 RT: 13.57 min Scan# 1048
 Delta R.T. -0.02 min
 Lab File: BF089698.D
 Acq: 9 Aug 2016 20:30

Instrument :
 BNA_F
 ClientSampleId :
 PB92711BS

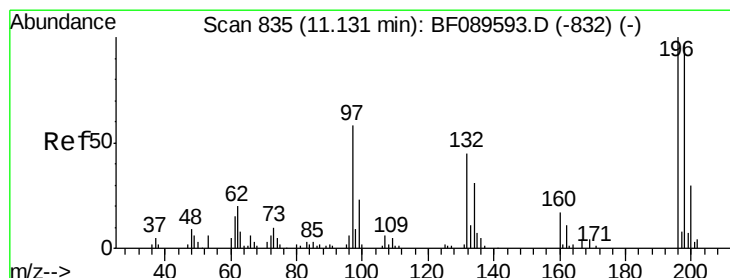
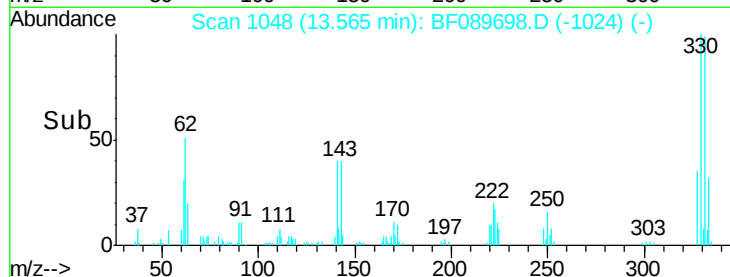
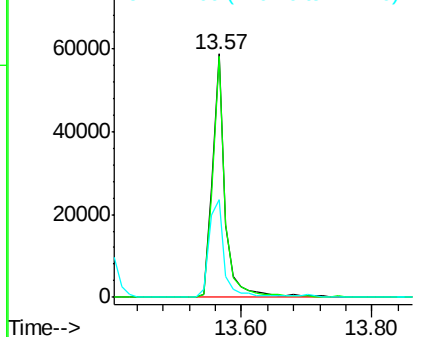
Tot Ion	Ratio	Lower	Upper
330	100		
332	97.5	77.0	115.6
141	47.9	38.6	57.8

Manual Integrations
 APPROVED

sohil
 8/10/2016 9:23:10 AM



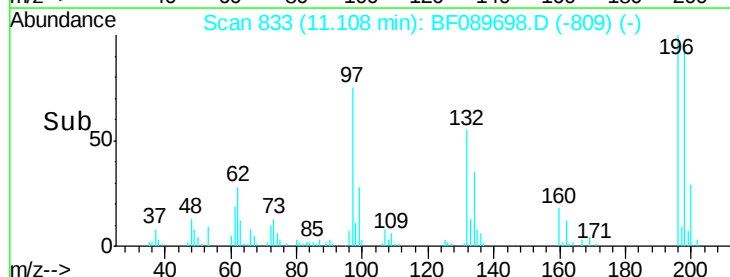
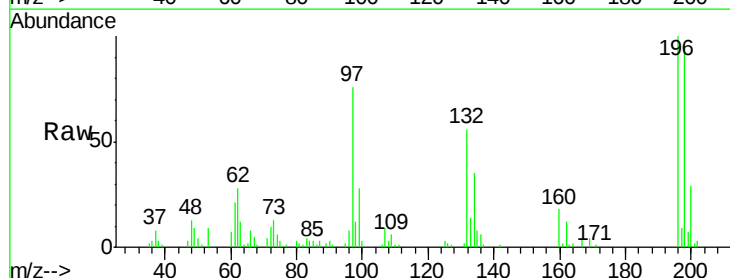
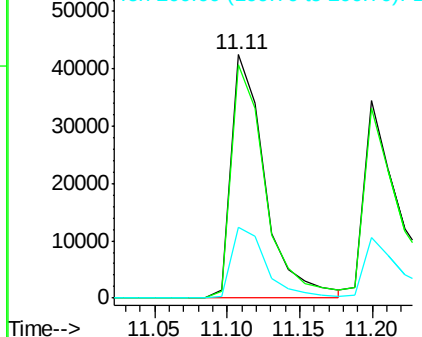
Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

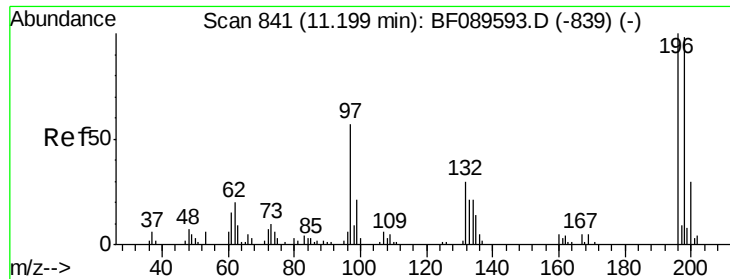


#42
 2,4,6-Trichlorophenol
 Concen: 41.05 ng
 RT: 11.11 min Scan# 833
 Delta R.T. -0.02 min
 Lab File: BF089698.D
 Acq: 9 Aug 2016 20:30

Tgt Ion	Ratio	Lower	Upper
196	100		
198	96.0	77.6	116.4
200	29.0	23.8	35.8

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





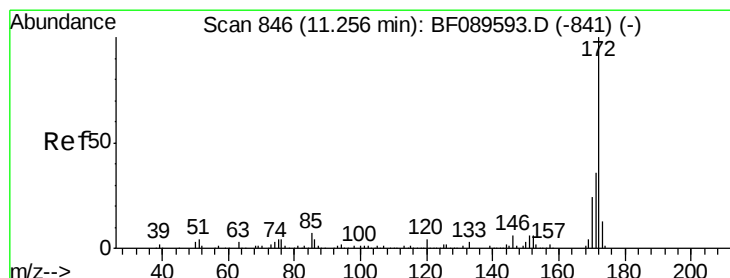
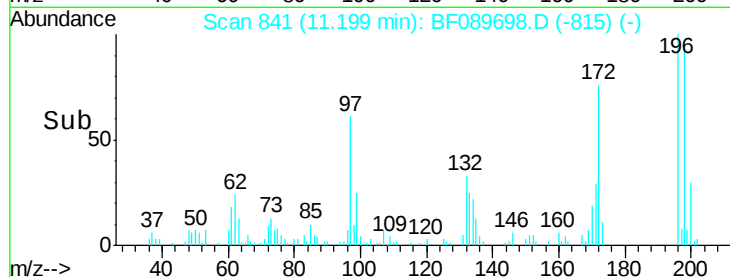
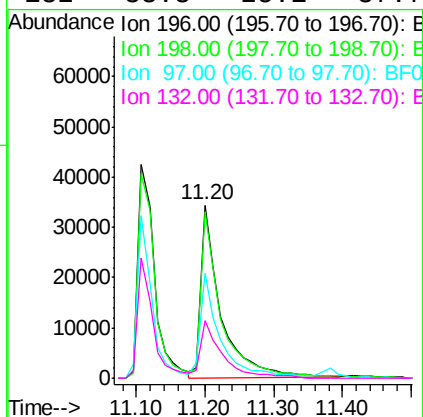
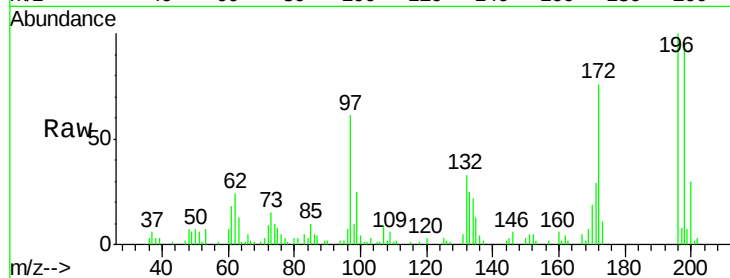
#43
 2,4,5-Trichlorophenol
 Concen: 37.87 ng
 RT: 11.20 min Scan# 841
 Delta R.T. 0.00 min
 Lab File: BF089698.D
 Acq: 9 Aug 2016 20:30

Instrument :
 BNA_F
 ClientSampled :
 PB92711BS

Tot Ion	196	Resp	67838
Ion Ratio	Lower	Upper	
196	100		
198	96.0	77.8	116.6
97	60.9	45.8	68.6
132	33.3	25.1	37.7

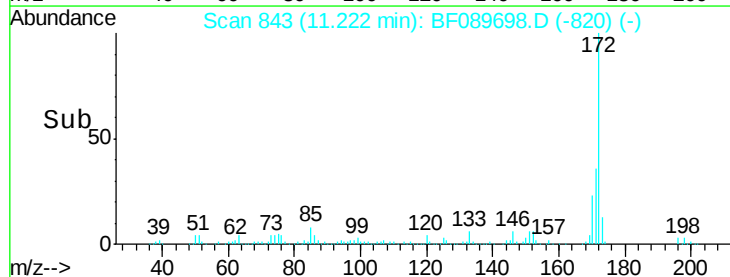
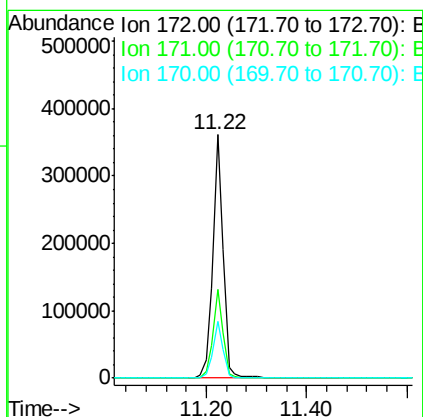
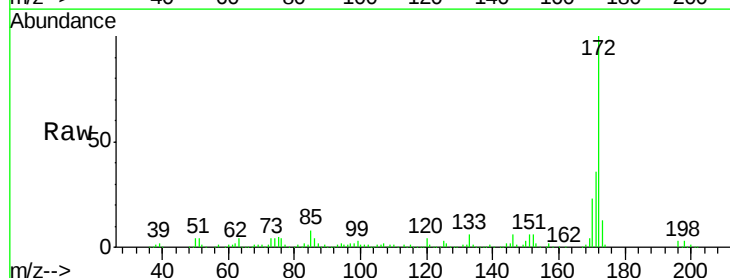
Manual Integrations
 APPROVED

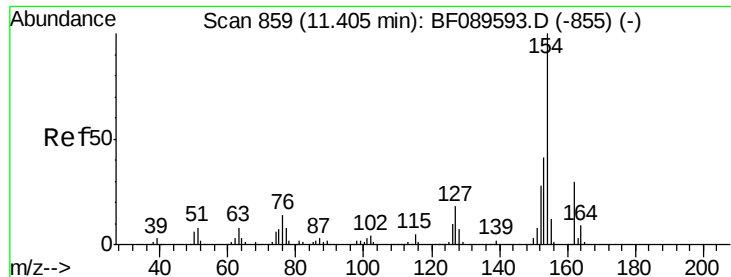
sohil
 8/10/2016 9:23:10 AM



#44
 2-Fluorobiphenyl
 Concen: 74.67 ng
 RT: 11.22 min Scan# 843
 Delta R.T. -0.03 min
 Lab File: BF089698.D
 Acq: 9 Aug 2016 20:30

Tgt Ion	172	Resp	519548
Ion Ratio	Lower	Upper	
172	100		
171	36.2	28.9	43.3
170	23.5	19.0	28.6





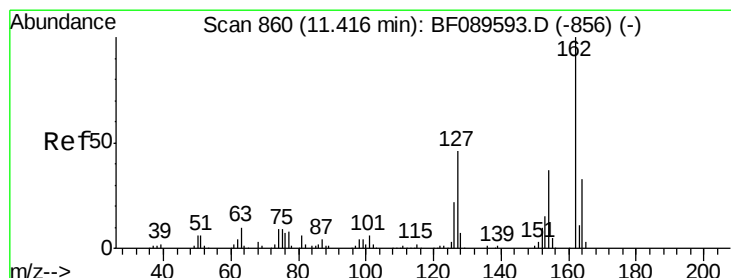
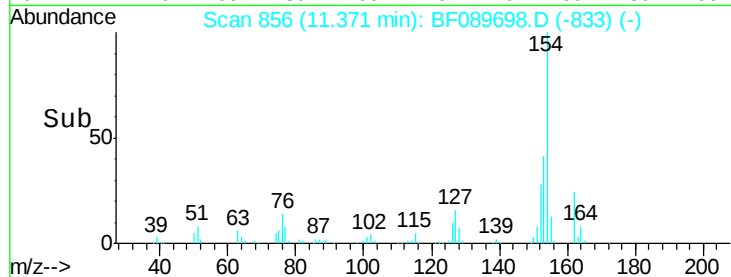
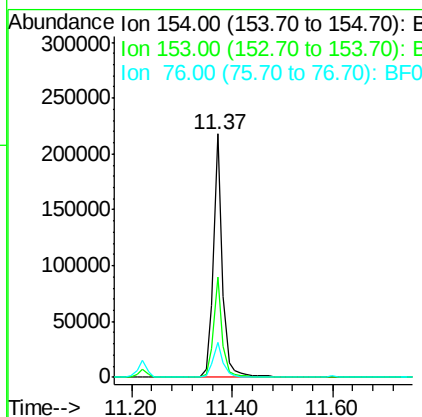
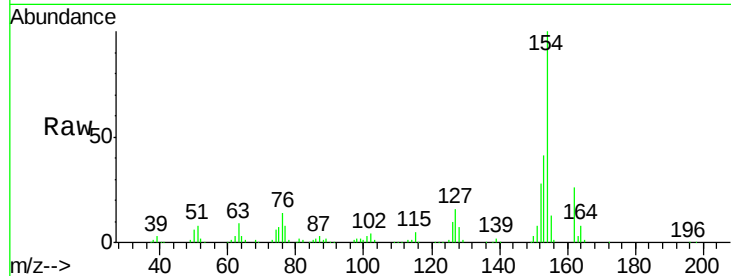
#45
 1,1'-Biphenyl
 Concen: 33.60 ng
 RT: 11.37 min Scan# 856
 Delta R.T. -0.03 min
 Lab File: BF089698.D
 Acq: 9 Aug 2016 20:30

Instrument :
 BNA_F
 ClientSampleId :
 PB92711BS

Tot Ion	Ratio	Resp	Lower	Upper
154	100	274033		
153	41.0	20.6	60.6	
76	14.2	0.0	33.7	

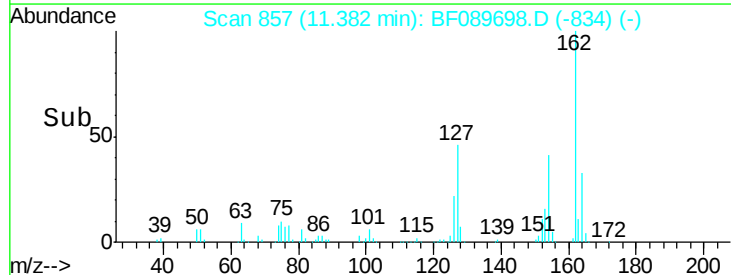
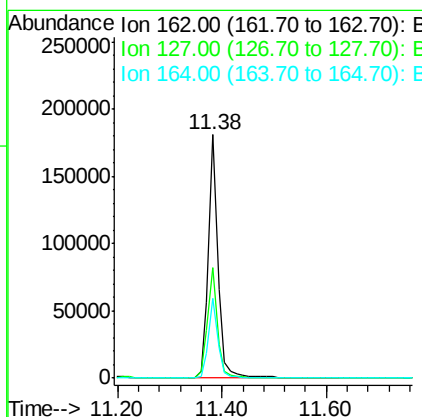
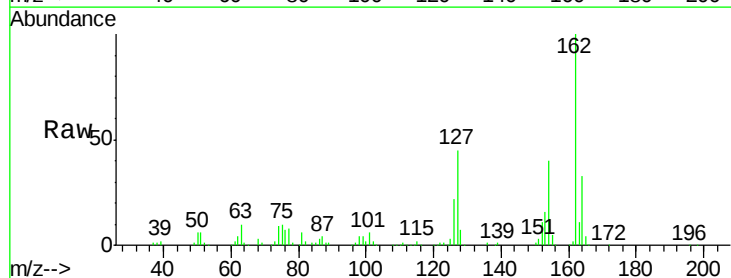
Manual Integrations
 APPROVED

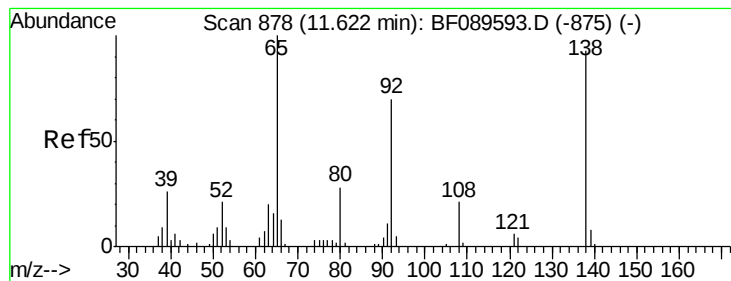
sohil
 8/10/2016 9:23:10 AM



#46
 2-Chloronaphthalene
 Concen: 38.60 ng
 RT: 11.38 min Scan# 857
 Delta R.T. -0.03 min
 Lab File: BF089698.D
 Acq: 9 Aug 2016 20:30

Tgt Ion	Ratio	Resp	Lower	Upper
162	100	236013		
127	45.3	36.6	54.8	
164	32.5	26.8	40.2	





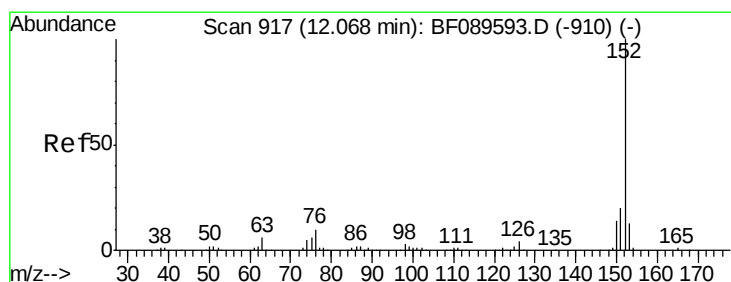
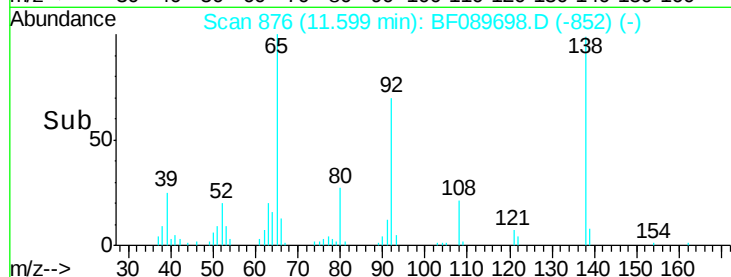
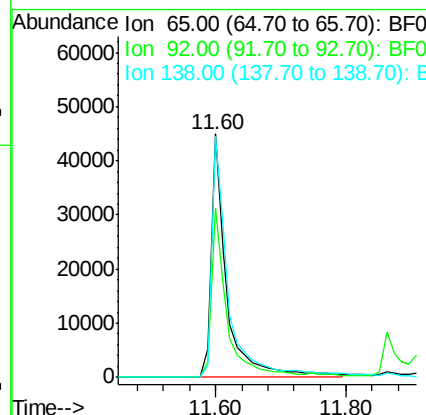
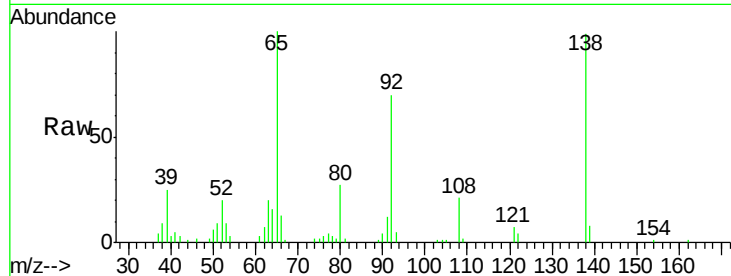
#47
2-Nitroaniline
Concen: 37.88 ng
RT: 11.60 min Scan# 876
Delta R.T. -0.02 min
Lab File: BF089698.D
Acq: 9 Aug 2016 20:30

Instrument :
BNA_F
ClientSampleId :
PB92711BS

Tot Ion	Ratio	Lower	Upper
65	100		
92	69.5	56.3	84.5
138	99.1	74.3	111.5

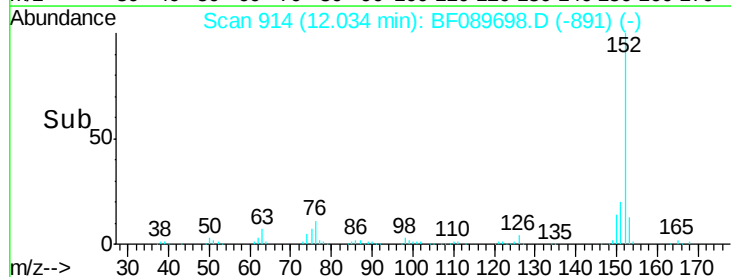
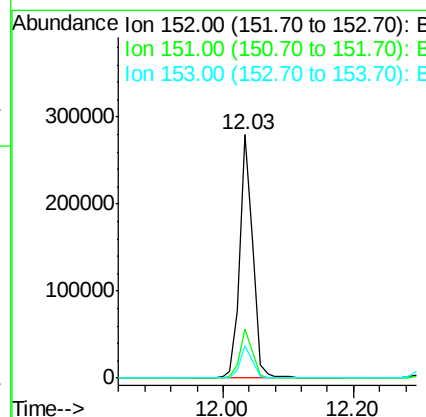
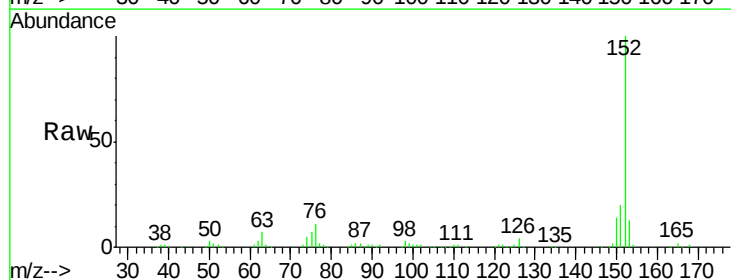
Manual Integrations
APPROVED

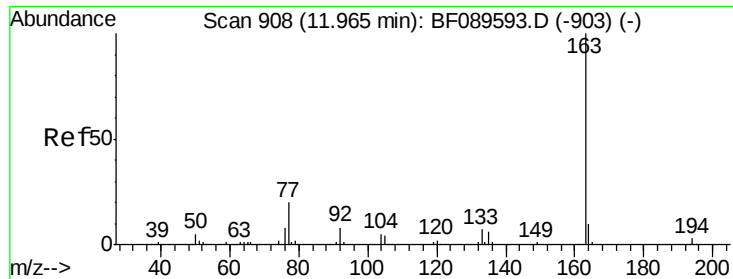
sohil
8/10/2016 9:23:10 AM



#48
Acenaphthylene
Concen: 37.62 ng
RT: 12.03 min Scan# 914
Delta R.T. -0.03 min
Lab File: BF089698.D
Acq: 9 Aug 2016 20:30

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.4	16.2	24.4
153	13.3	10.5	15.7





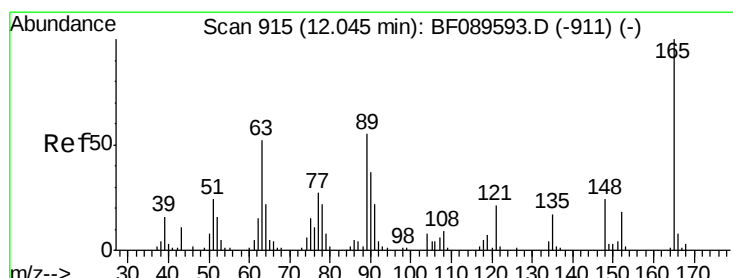
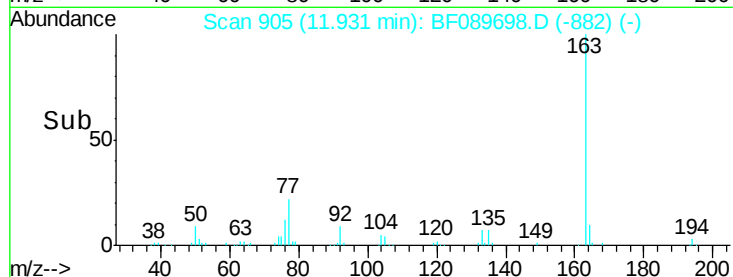
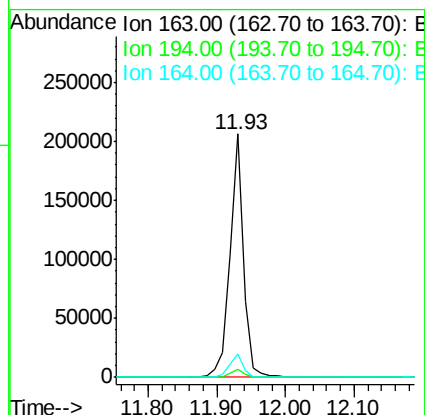
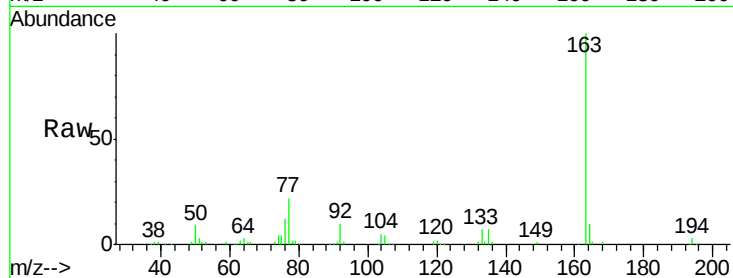
#49
Dimethylphthalate
Concen: 40.69 ng
RT: 11.93 min Scan# 905
Delta R.T. -0.03 min
Lab File: BF089698.D
Acq: 9 Aug 2016 20:30

Instrument :
BNA_F
ClientSampleId :
PB92711BS

Tot Ion	Ratio	Resp	Lower	Upper
163	100	288392		
194	3.2	2.7	4.1	
164	9.9	7.8	11.6	

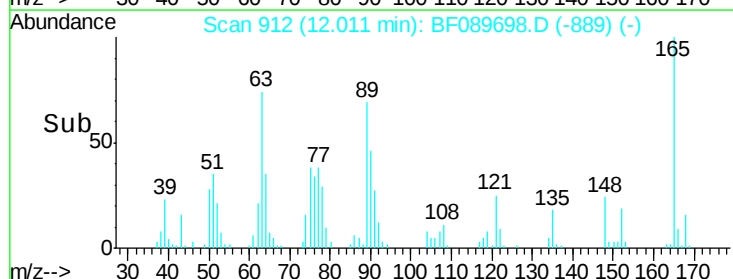
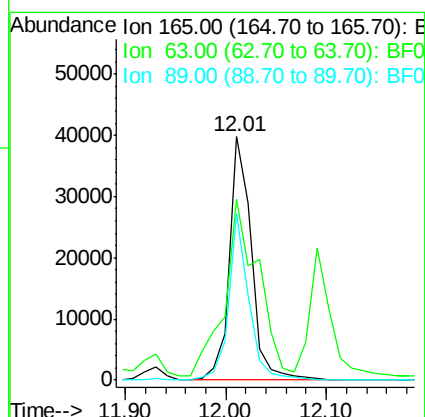
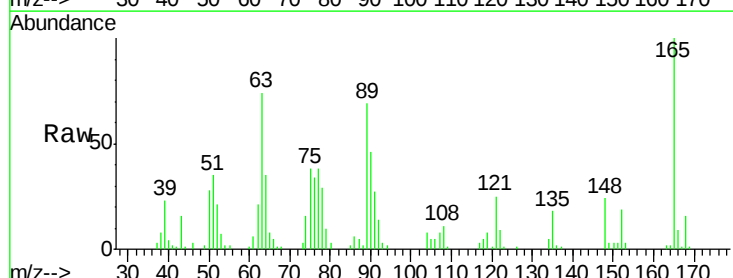
Manual Integrations
APPROVED

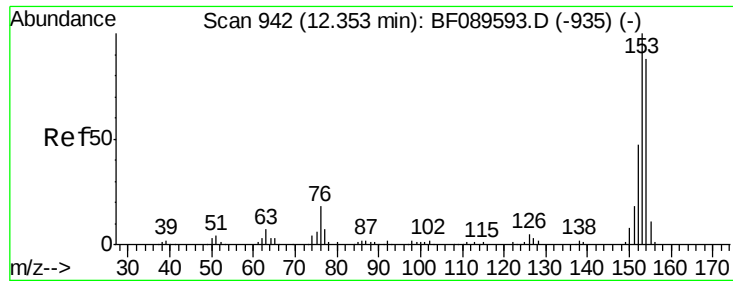
sohil
8/10/2016 9:23:10 AM



#50
2,6-Dinitrotoluene
Concen: 42.90 ng
RT: 12.01 min Scan# 912
Delta R.T. -0.03 min
Lab File: BF089698.D
Acq: 9 Aug 2016 20:30

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	60456		
63	74.1	44.6	67.0#	
89	68.6	44.2	66.2#	





#51

Acenaphthene

Concen: 38.02 ng

RT: 12.32 min Scan# 939

Delta R.T. -0.03 min

Lab File: BF089698.D

Acq: 9 Aug 2016 20:30

Instrument :

BNA_F

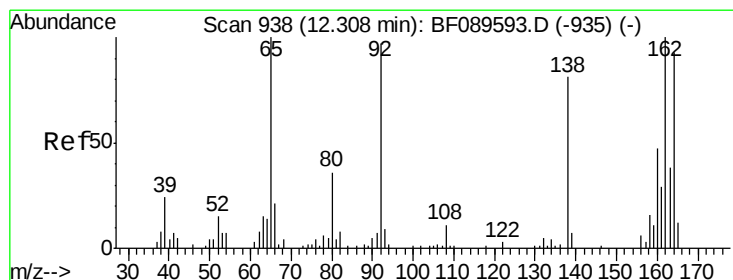
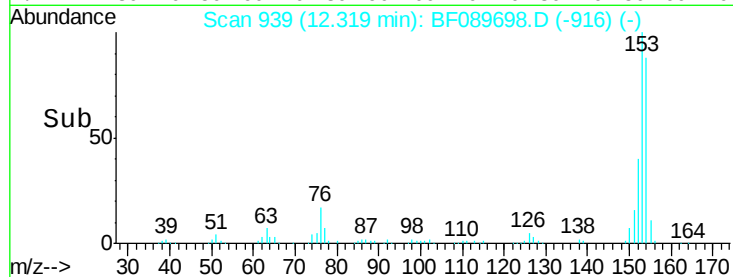
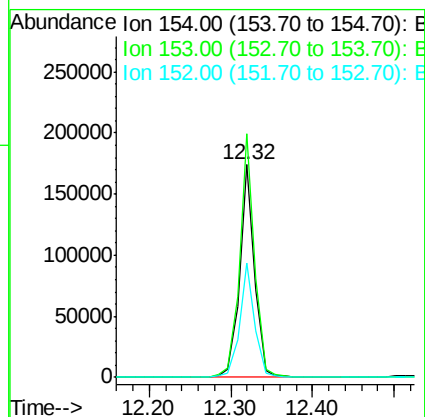
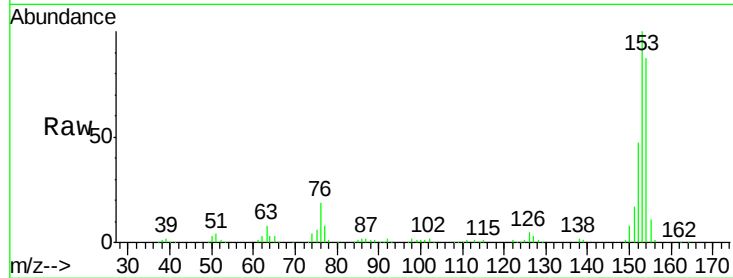
ClientSampled :

PB92711BS

Tot Ion:	154	Resp:	221175
Ion Ratio	Lower	Upper	
154	100		
153	114.5	91.1	136.7
152	53.8	43.5	65.3

Manual Integrations
APPROVED

sohil
8/10/2016 9:23:10 AM



#52

3-Nitroaniline

Concen: 26.15 ng

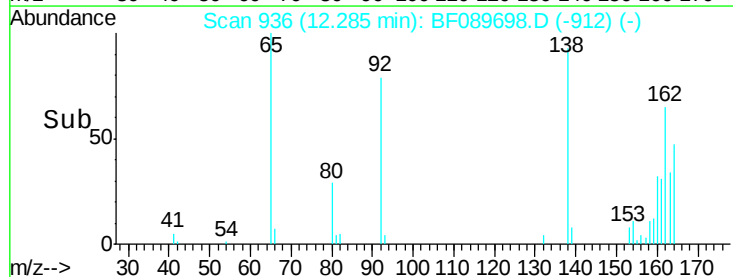
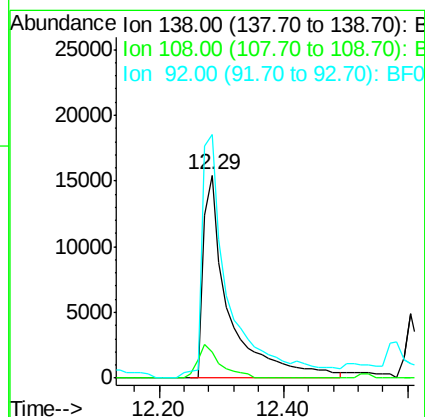
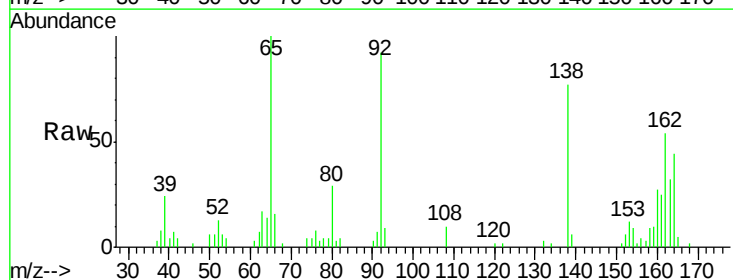
RT: 12.29 min Scan# 936

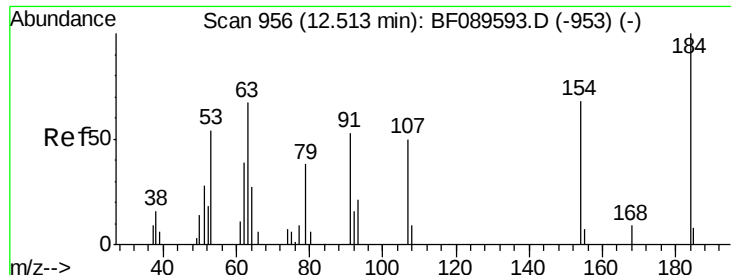
Delta R.T. -0.02 min

Lab File: BF089698.D

Acq: 9 Aug 2016 20:30

Tgt Ion:	138	Resp:	44066
Ion Ratio	Lower	Upper	
138	100		
108	13.0	10.7	16.1
92	119.9	96.6	145.0





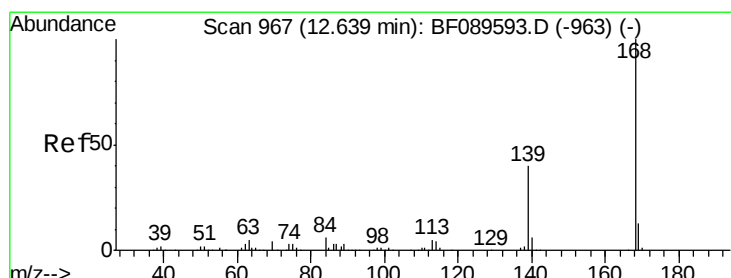
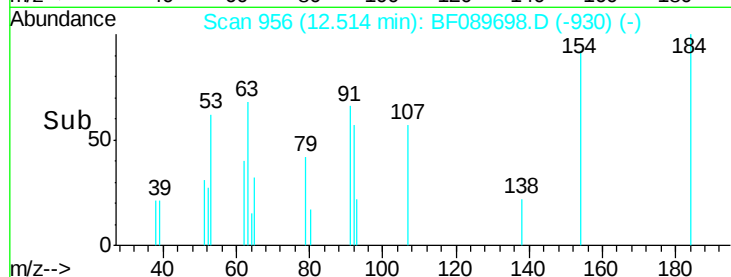
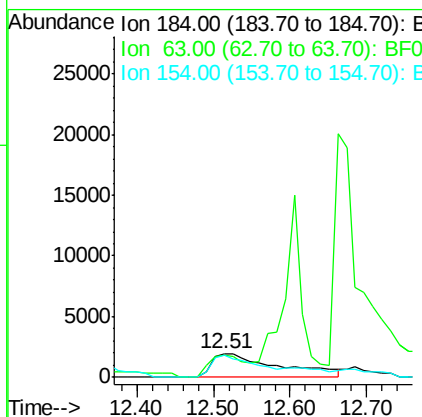
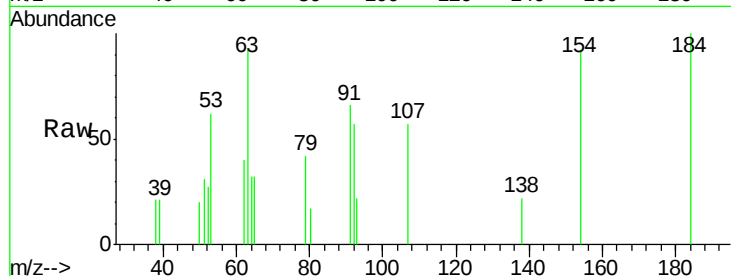
#53
2,4-Dinitrophenol
Concen: 28.03 ng
RT: 12.51 min Scan# 956
Delta R.T. 0.00 min
Lab File: BF089698.D
Acq: 9 Aug 2016 20:30

Instrument :
BNA_F
ClientSampleId :
PB92711BS

Tot Ion	Ratio	Resp	Lower	Upper
184	100	11826		
63	91.6	59.0	88.6#	
154	92.0	60.0	90.0#	

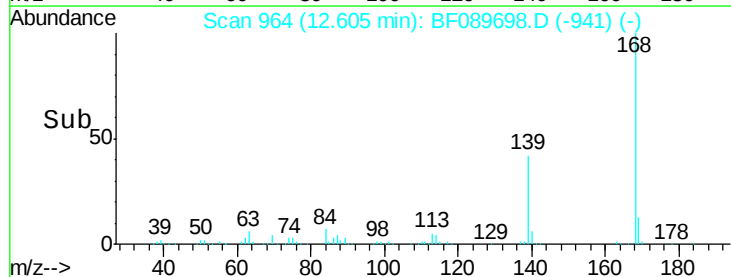
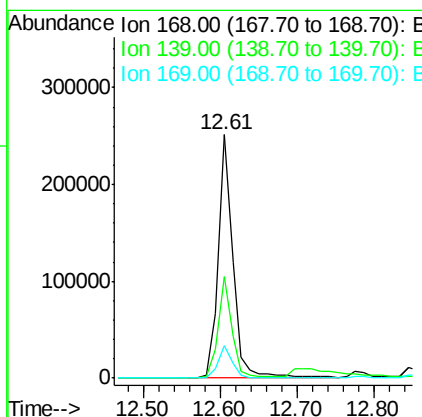
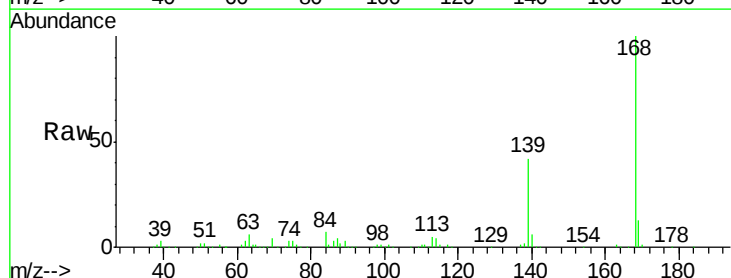
Manual Integrations
APPROVED

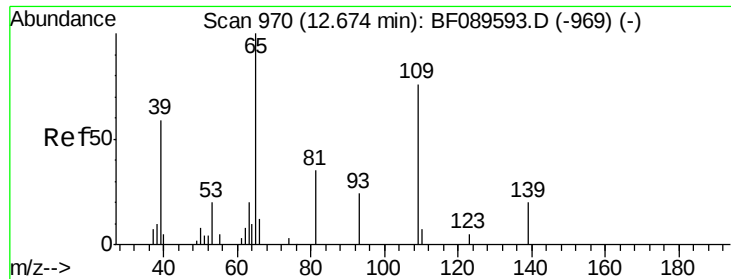
sohil
8/10/2016 9:23:10 AM



#54
Dibenzofuran
Concen: 42.41 ng
RT: 12.61 min Scan# 964
Delta R.T. -0.03 min
Lab File: BF089698.D
Acq: 9 Aug 2016 20:30

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	339141		
139	41.5	32.3	48.5	
169	13.4	10.6	15.8	





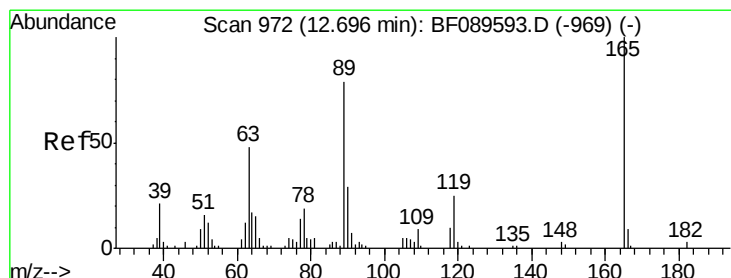
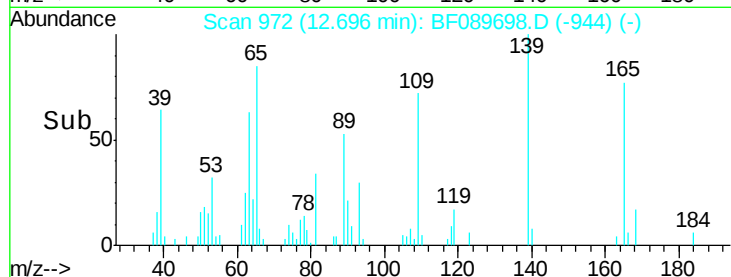
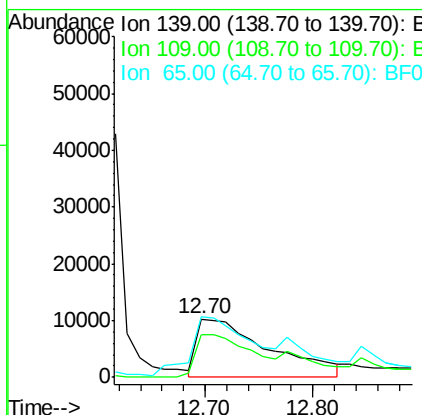
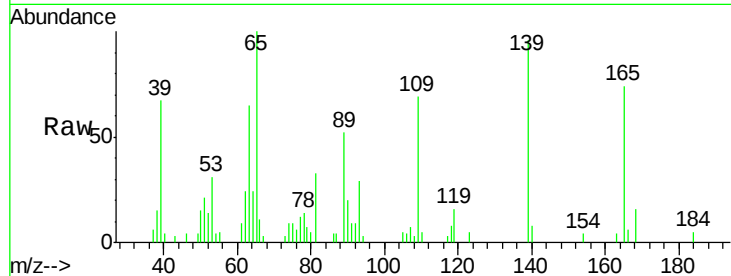
#55
4-Nitrophenol
Concen: 49.34 ng/ml
RT: 12.70 min Scan# 972
Delta R.T. 0.02 min
Lab File: BF089698.D
Acq: 9 Aug 2016 20:30

Instrument :
BNA_F
ClientSampleId :
PB92711BS

Tot Ion	Ratio	Resp	Lower	Upper
139	100			
109	71.8	28.9	68.9#	
65	103.7	49.2	89.2#	

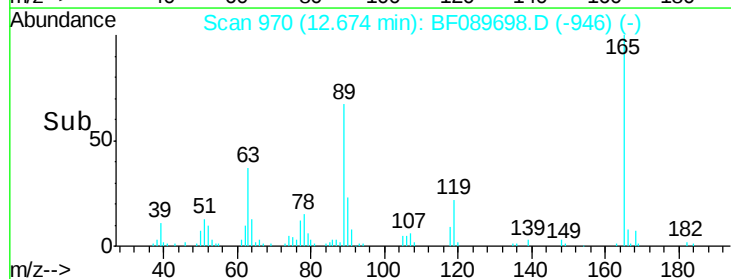
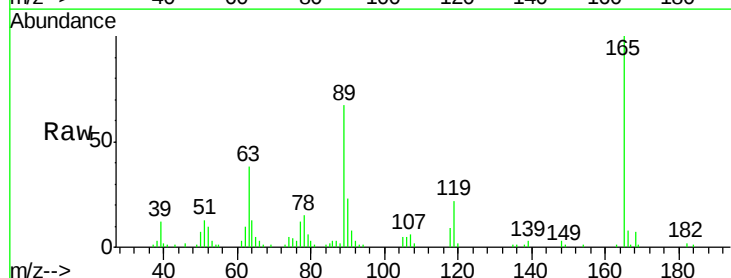
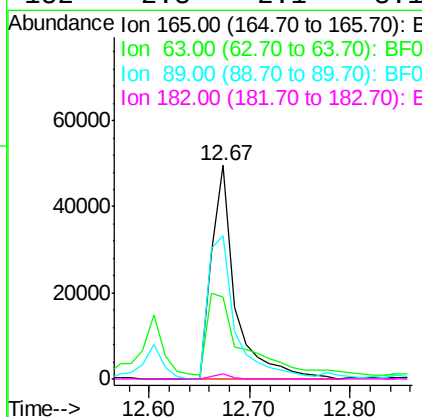
Manual Integrations
APPROVED

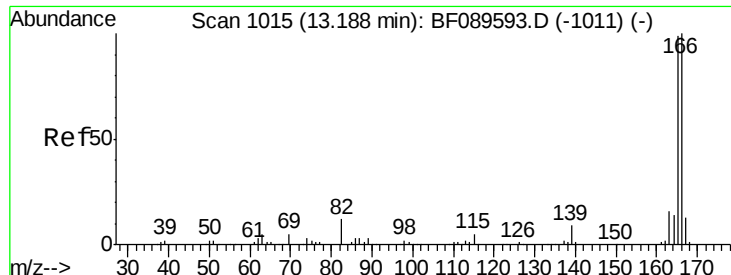
sohil
8/10/2016 9:23:10 AM



#56
2,4-Dinitrotoluene
Concen: 41.48 ng
RT: 12.67 min Scan# 970
Delta R.T. -0.02 min
Lab File: BF089698.D
Acq: 9 Aug 2016 20:30

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	38.1	42.2	63.4#	
89	67.4	64.4	96.6	
182	2.3	2.1	3.1	





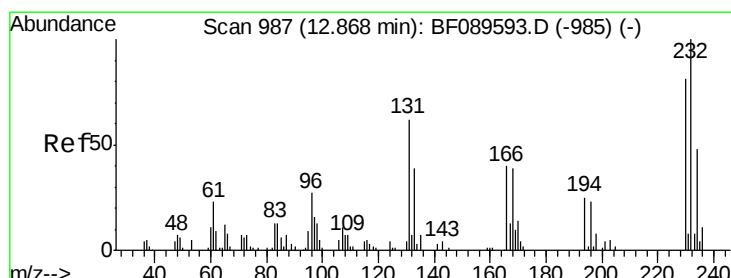
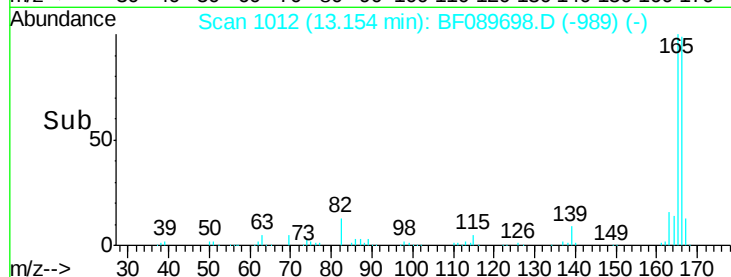
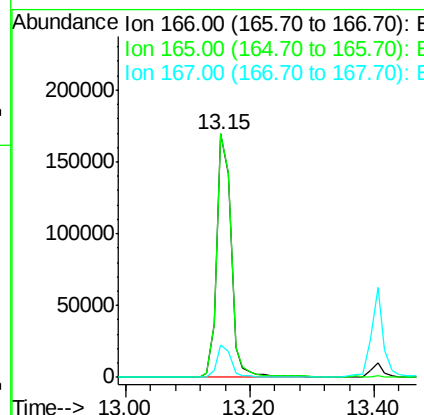
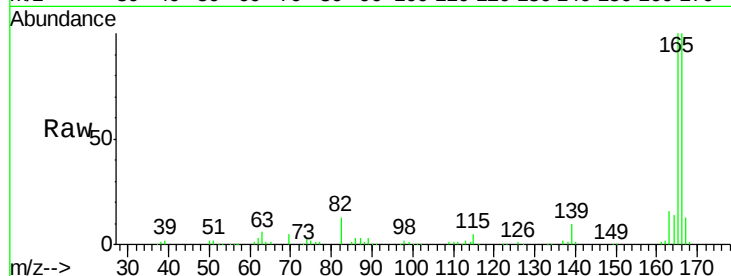
#57
 Fluorene
 Concen: 39.74 ng
 RT: 13.15 min Scan# 1012
 Delta R.T. -0.03 min
 Lab File: BF089698.D
 Acq: 9 Aug 2016 20:30

Instrument :
 BNA_F
 ClientSampleId :
 PB92711BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
166	100				
165	100.1	78.9	118.3		
167	13.4	10.4	15.6		

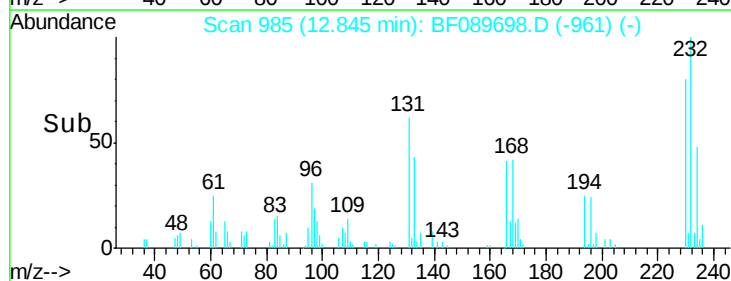
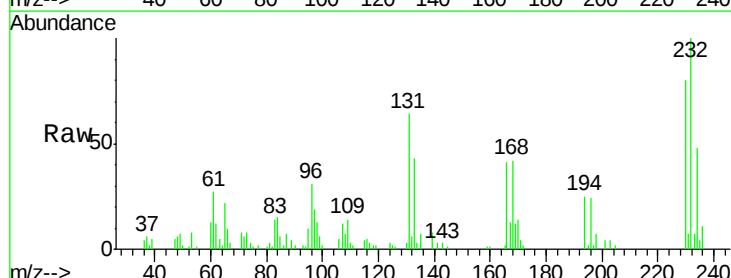
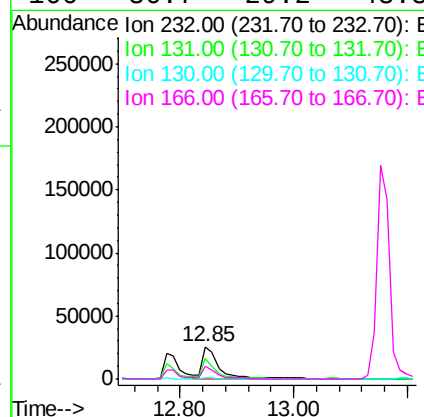
Manual Integrations
 APPROVED

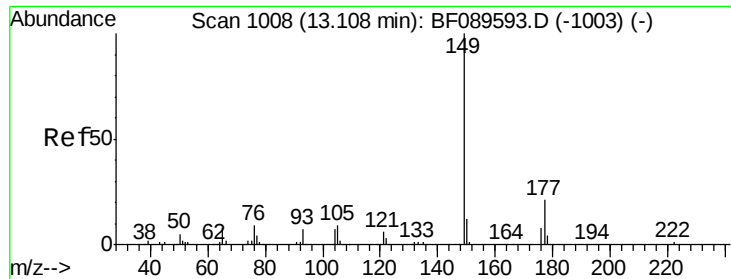
sohil
 8/10/2016 9:23:10 AM



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 37.84 ng
 RT: 12.85 min Scan# 985
 Delta R.T. -0.02 min
 Lab File: BF089698.D
 Acq: 9 Aug 2016 20:30

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
232	100				
131	58.0	46.2	69.2		
130	1.8	1.7	2.5		
166	36.7	29.2	43.8		





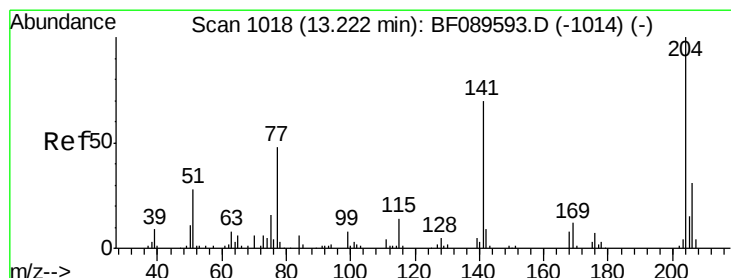
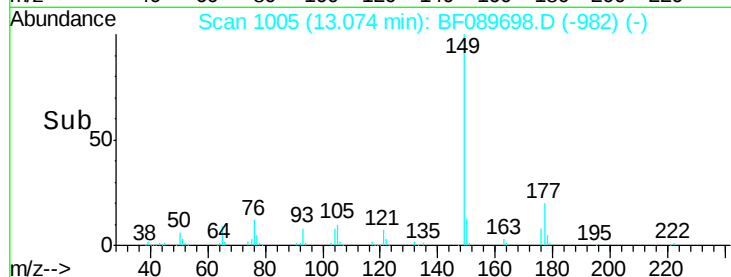
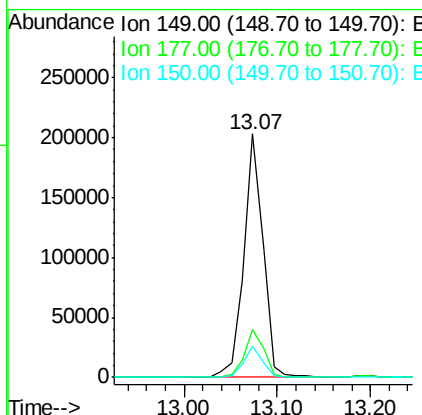
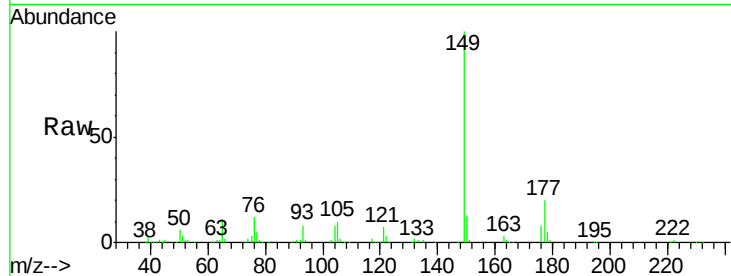
#59
Diethylphthalate
Concen: 39.61 ng
RT: 13.07 min Scan# 1005
Delta R.T. -0.03 min
Lab File: BF089698.D
Acq: 9 Aug 2016 20:30

Instrument :
BNA_F
ClientSampled :
PB92711BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	290334		
177	19.8	16.8	25.2	
150	12.6	9.6	14.4	

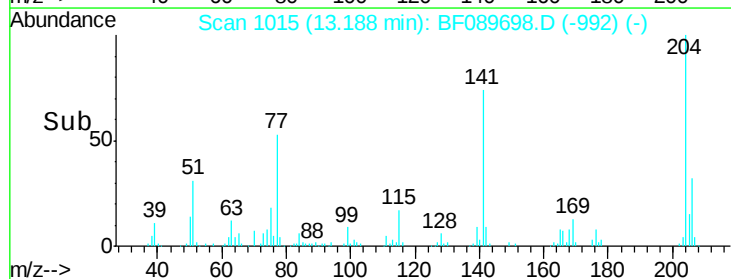
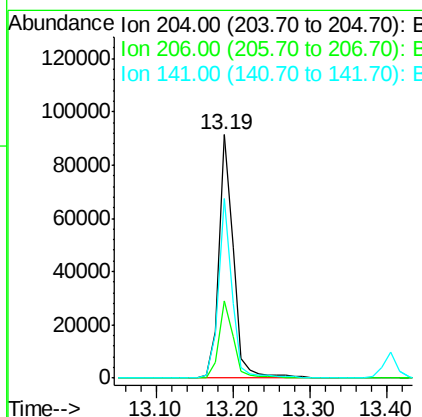
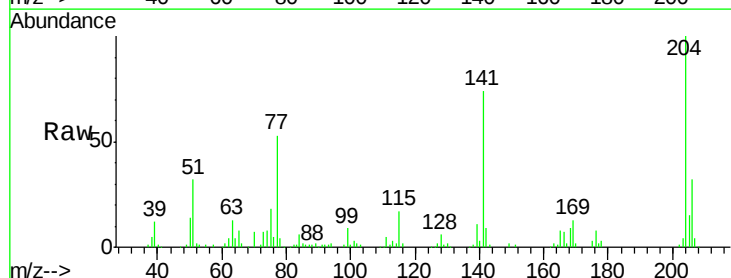
Manual Integrations
APPROVED

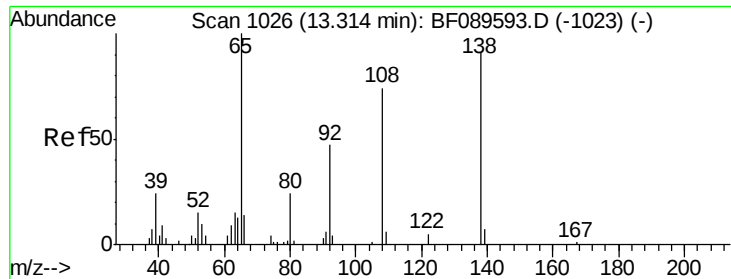
sohil
8/10/2016 9:23:10 AM



#60
4-Chlorophenyl-phenylether
Concen: 38.57 ng
RT: 13.19 min Scan# 1015
Delta R.T. -0.03 min
Lab File: BF089698.D
Acq: 9 Aug 2016 20:30

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	120904		
206	31.9	25.0	37.4	
141	73.8	56.2	84.4	





#61

4-Nitroaniline

Concen: 34.45 ng

RT: 13.28 min Scan# 1023

Delta R.T. -0.03 min

Lab File: BF089698.D

Acq: 9 Aug 2016 20:30

Instrument :

BNA_F

ClientSampleId :

PB92711BS

Tot Ion:138 Resp: 52203

Ion Ratio Lower Upper

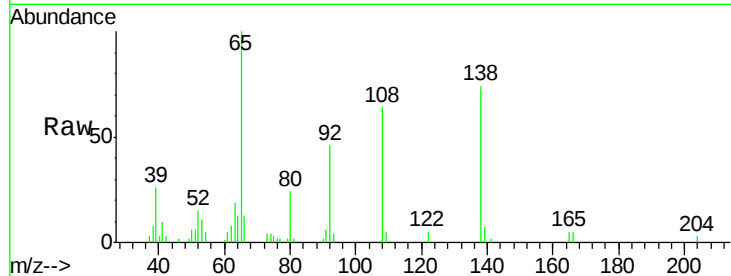
138 100

92 61.5 31.6 71.6

108 86.6 61.5 101.5

Manual Integrations
APPROVED

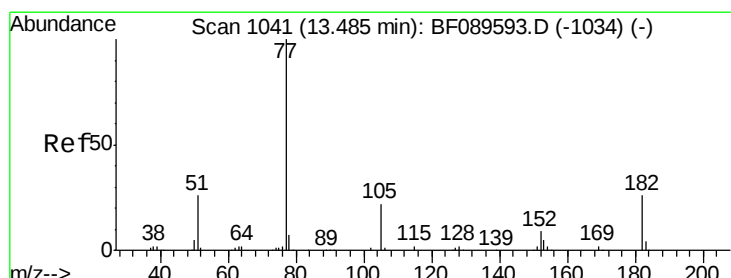
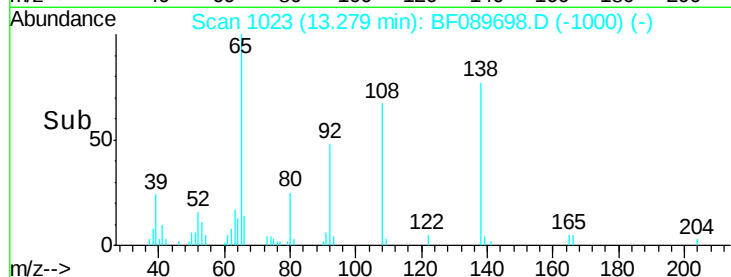
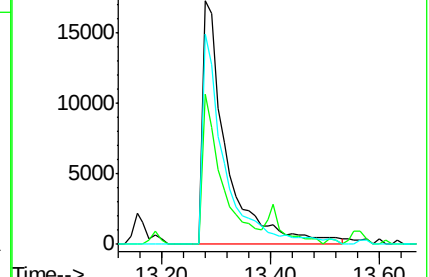
sohil
8/10/2016 9:23:10 AM



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 44.82 ng

RT: 13.45 min Scan# 1038

Delta R.T. -0.03 min

Lab File: BF089698.D

Acq: 9 Aug 2016 20:30

Tgt Ion: 77 Resp: 317723

Ion Ratio Lower Upper

77 100

182 24.6 5.8 45.8

105 22.4 2.9 42.9

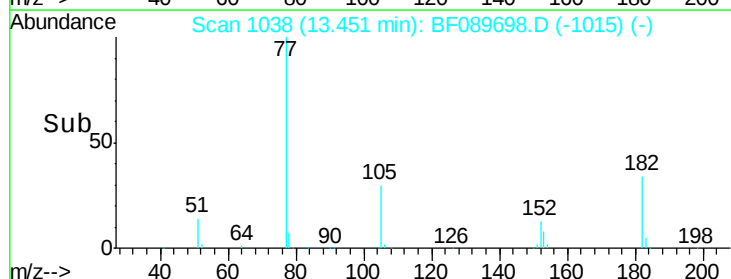
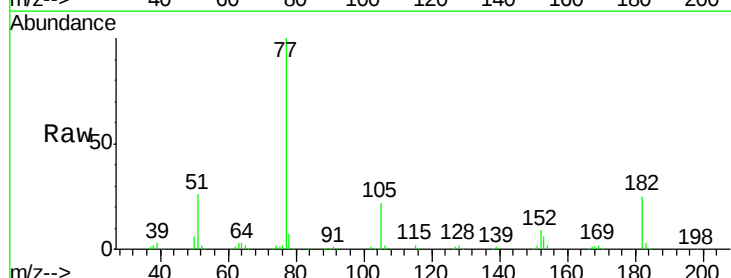
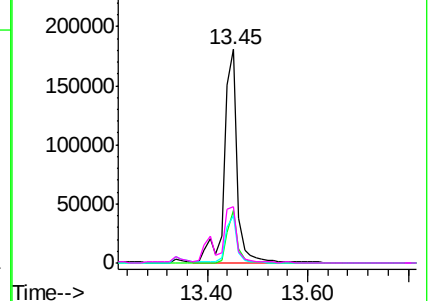
51 26.3 7.2 47.2

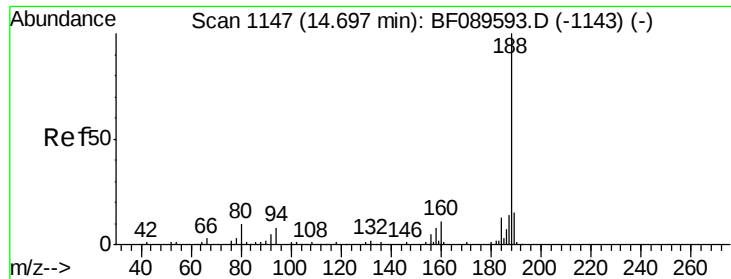
Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0





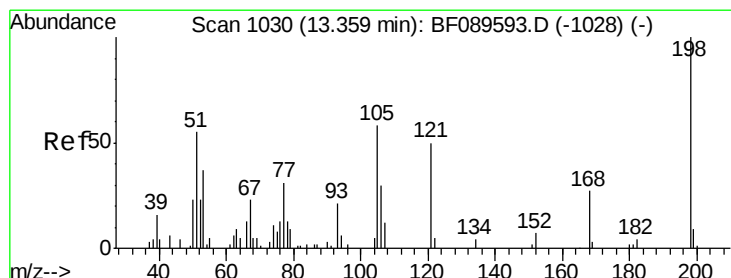
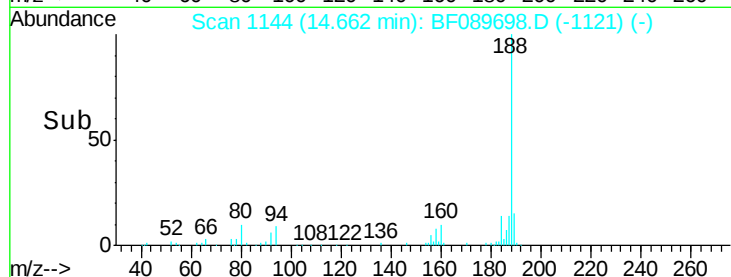
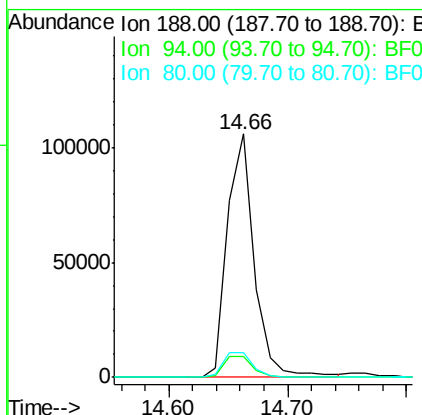
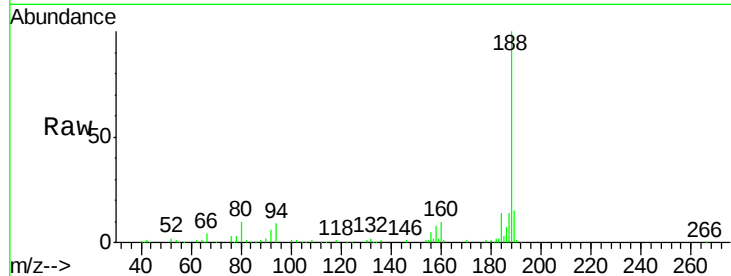
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 14.66 min Scan# 1144
Delta R.T. -0.03 min
Lab File: BF089698.D
Acq: 9 Aug 2016 20:30

Instrument :
BNA_F
ClientSampleId :
PB92711BS

Tot Ion	Ratio	Resp	Lower	Upper
188	100	167052		
94	8.7		6.5	9.7
80	10.2		8.0	12.0

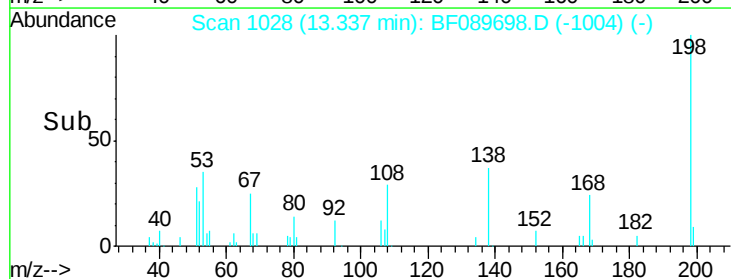
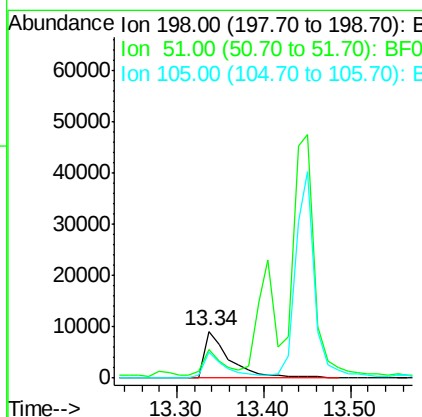
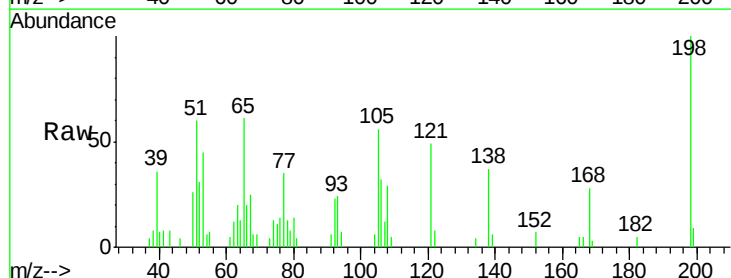
Manual Integrations
APPROVED

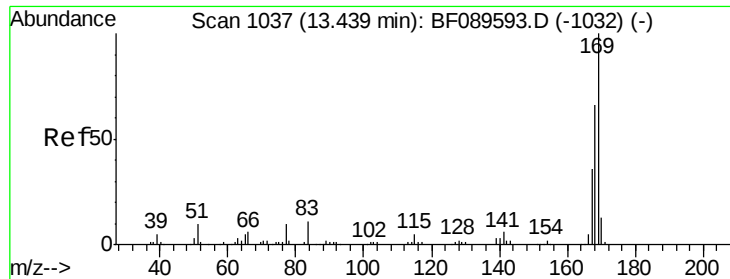
sohil
8/10/2016 9:23:10 AM



#64
4,6-Dinitro-2-methylphenol
Concen: 21.35 ng
RT: 13.34 min Scan# 1028
Delta R.T. -0.02 min
Lab File: BF089698.D
Acq: 9 Aug 2016 20:30

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	18403		
51	59.6		38.9	78.9
105	56.0		38.1	78.1





#65

n-Nitrosodiphenylamine

Concen: 40.67 ng

RT: 13.41 min Scan# 1034

Delta R.T. -0.03 min

Lab File: BF089698.D

Acq: 9 Aug 2016 20:30

Instrument :

BNA_F

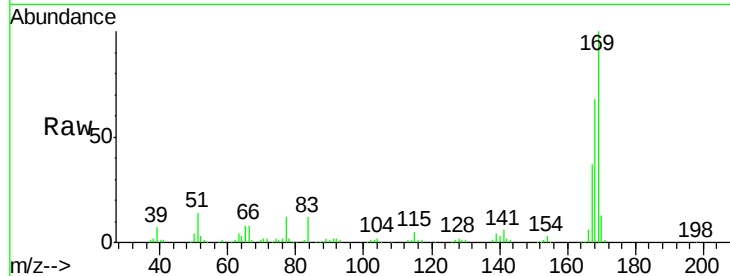
ClientSampleId :

PB92711BS

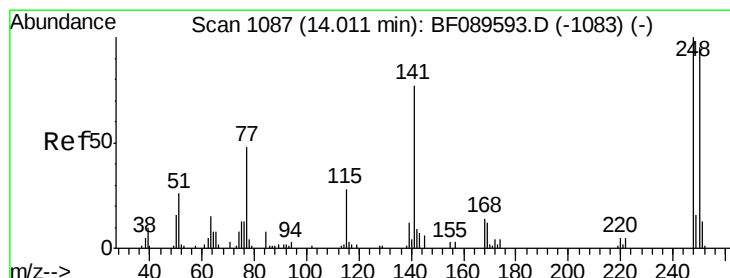
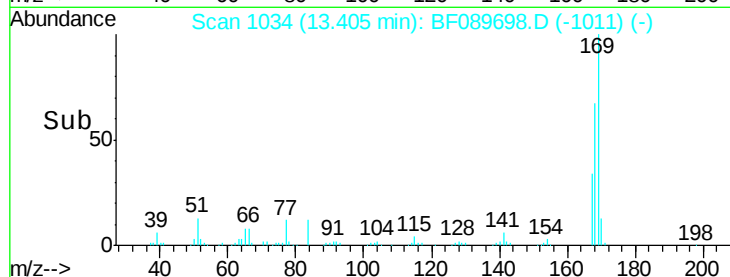
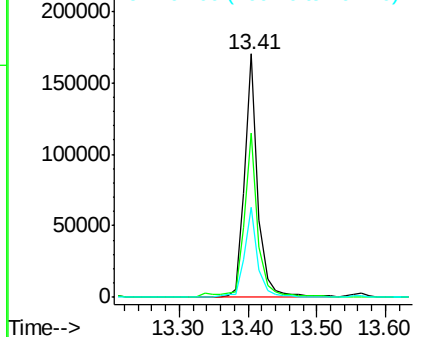
Tot Ion:	169	Resp:	229484
Ion Ratio	Lower	Upper	
169	100		
168	67.5	54.2	81.2
167	36.8	28.9	43.3

Manual Integrations
APPROVED

sohil
8/10/2016 9:23:10 AM



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



#66

4-Bromophenyl-phenylether

Concen: 41.37 ng

RT: 13.98 min Scan# 1084

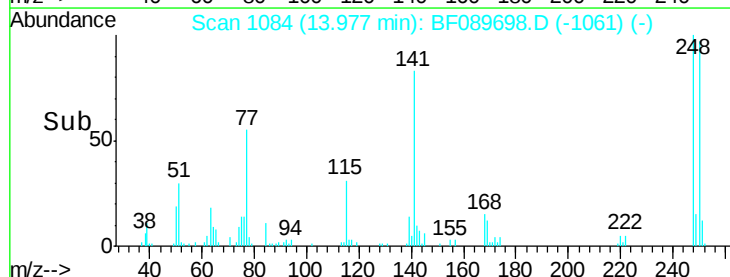
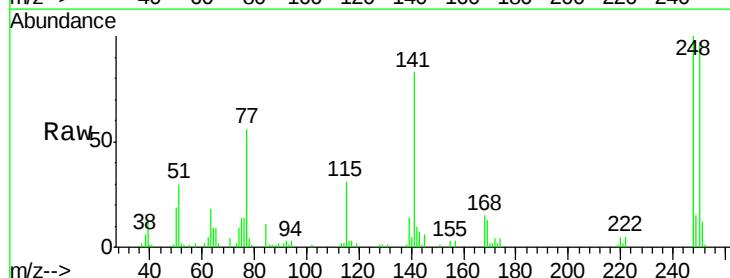
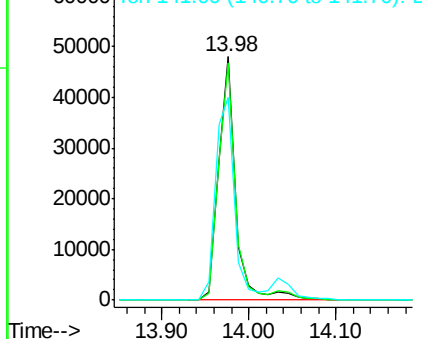
Delta R.T. -0.03 min

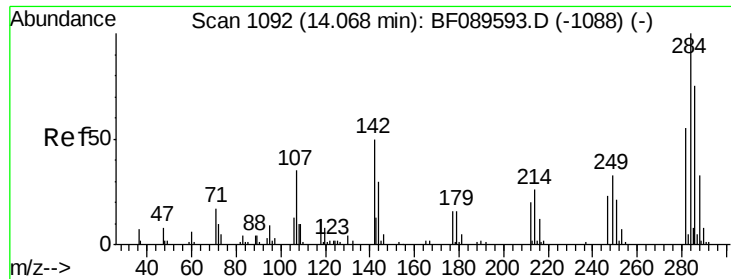
Lab File: BF089698.D

Acq: 9 Aug 2016 20:30

Tgt Ion:	248	Resp:	66843
Ion Ratio	Lower	Upper	
248	100		
250	97.2	76.2	114.2
141	83.4	61.3	91.9

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





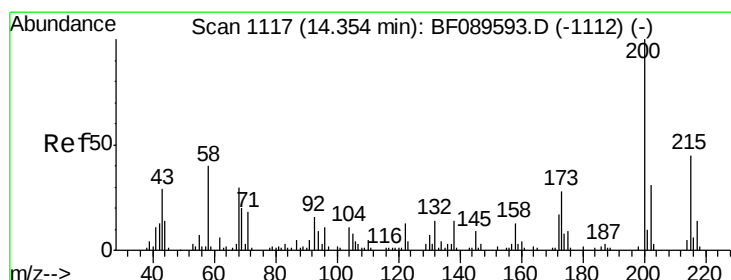
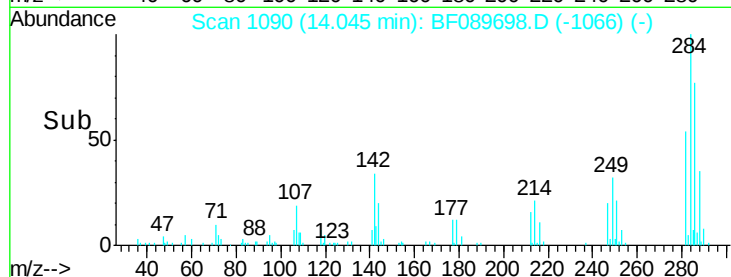
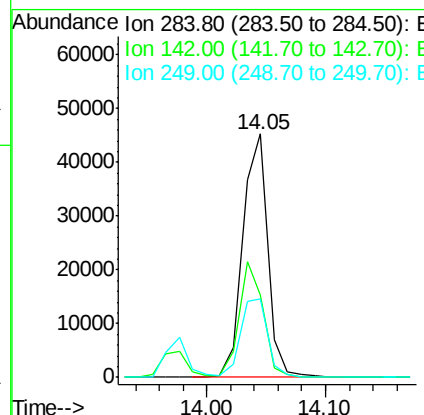
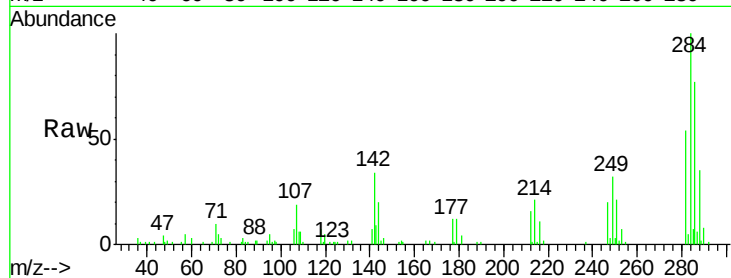
#67
Hexachlorobenzene
Concen: 37.38 ng
RT: 14.05 min Scan# 1090
Delta R.T. -0.02 min
Lab File: BF089698.D
Acq: 9 Aug 2016 20:30

Instrument :
BNA_F
ClientSampleId :
PB92711BS

Tot Ion	Ratio	Lower	Upper
284	100		
142	33.6	41.4	62.0
249	32.0	28.6	43.0

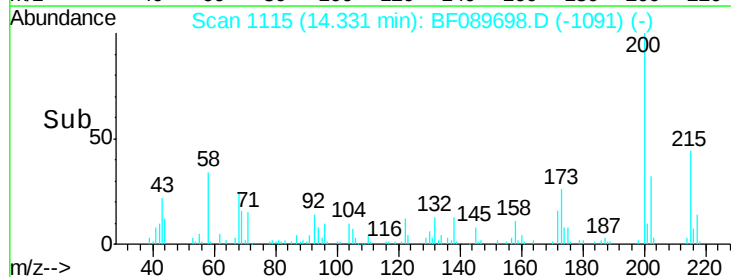
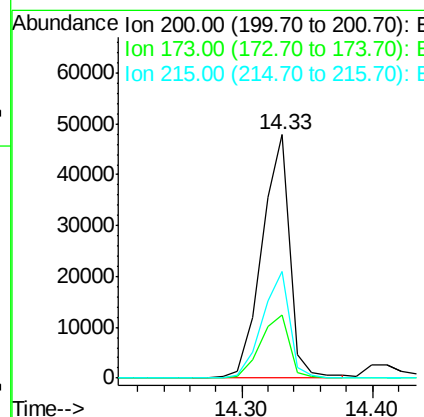
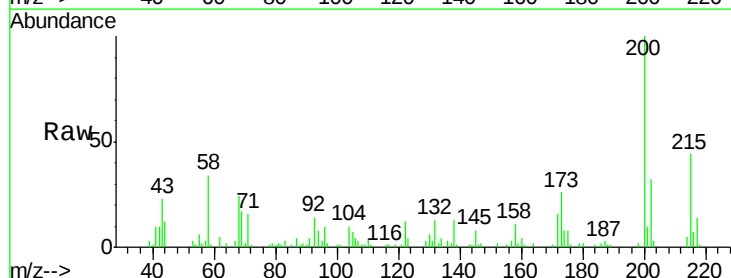
Manual Integrations
APPROVED

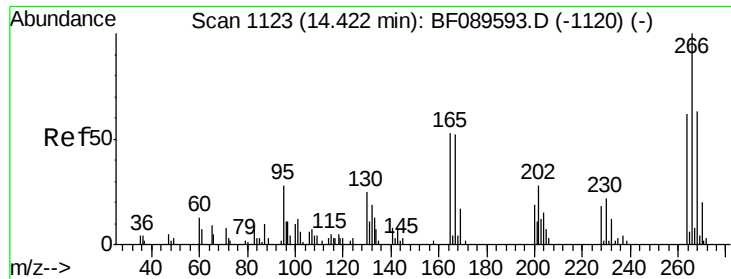
sohil
8/10/2016 9:23:10 AM



#68
Atrazine
Concen: 45.28 ng
RT: 14.33 min Scan# 1115
Delta R.T. -0.02 min
Lab File: BF089698.D
Acq: 9 Aug 2016 20:30

Tgt Ion	Ratio	Lower	Upper
200	100		
173	26.1	8.2	48.2
215	43.7	24.9	64.9





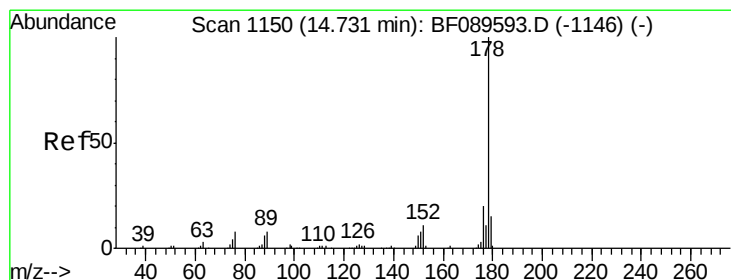
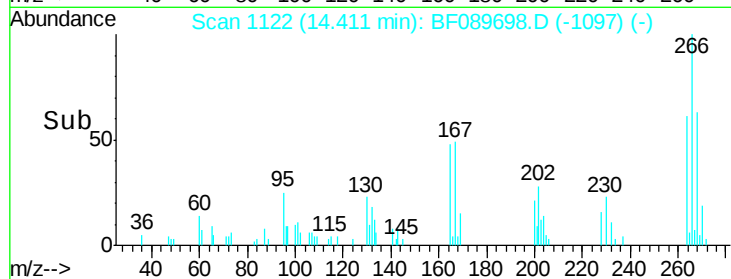
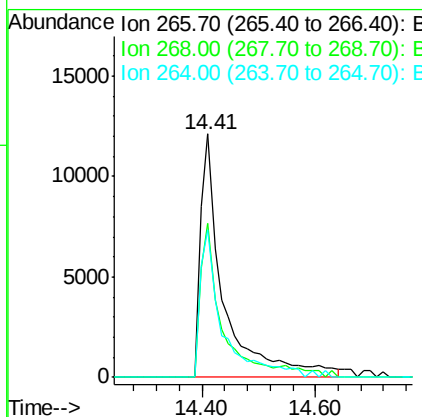
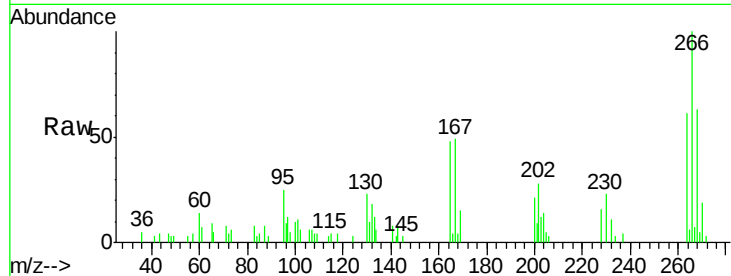
#69
 Pentachlorophenol
 Concen: 45.75 ng
 RT: 14.41 min Scan# 1122
 Delta R.T. -0.01 min
 Lab File: BF089698.D
 Acq: 9 Aug 2016 20:30

Instrument :
 BNA_F
 ClientSampleId :
 PB92711BS

Tot Ion	Ratio	Resp	Lower	Upper
266	100	33398		
268	63.3	50.6	75.8	
264	60.8	49.5	74.3	

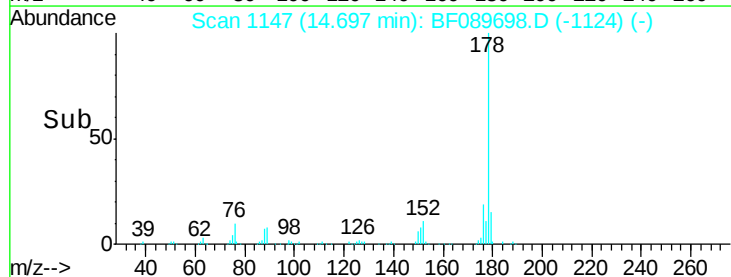
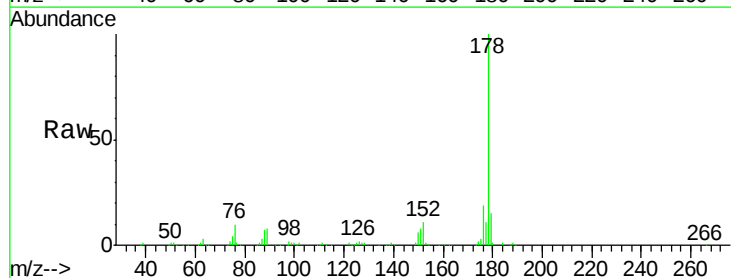
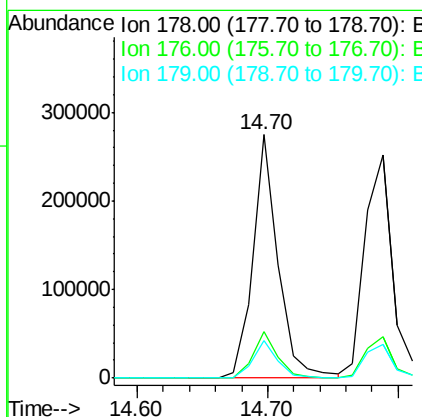
Manual Integrations
 APPROVED

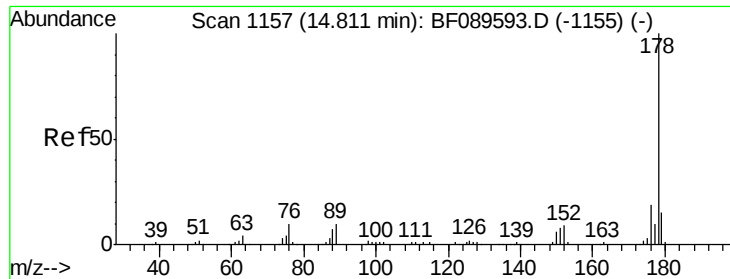
sohil
 8/10/2016 9:23:10 AM



#70
 Phenanthrene
 Concen: 40.61 ng
 RT: 14.70 min Scan# 1147
 Delta R.T. -0.03 min
 Lab File: BF089698.D
 Acq: 9 Aug 2016 20:30

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	368914		
176	18.9	15.7	23.5	
179	15.2	12.2	18.2	





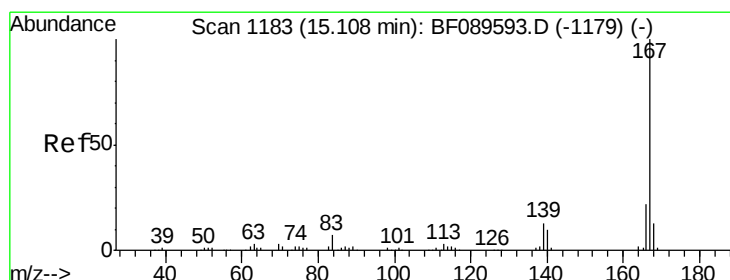
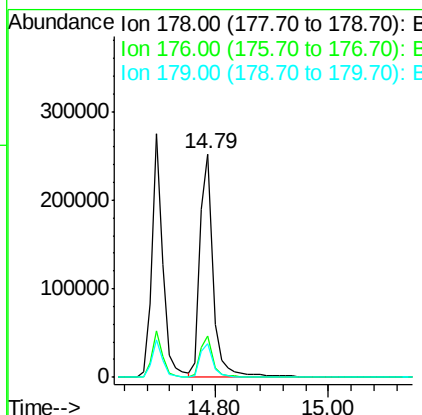
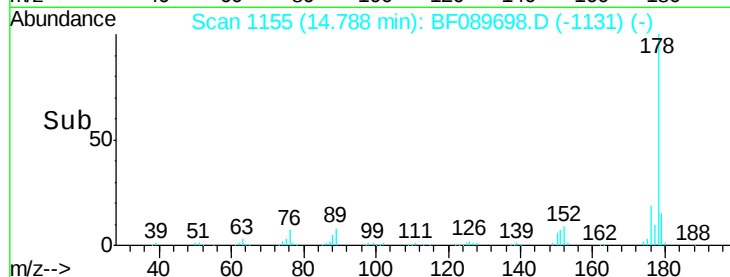
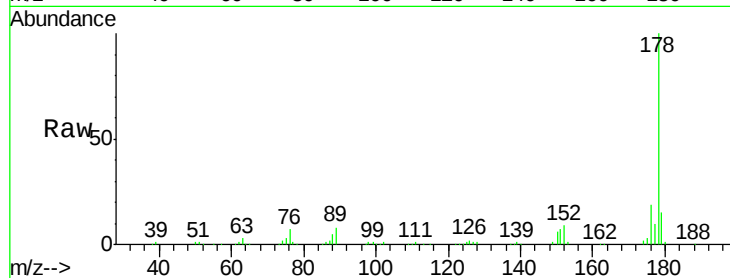
#71
 Anthracene
 Concen: 40.18 ng
 RT: 14.79 min Scan# 1155
 Delta R.T. -0.02 min
 Lab File: BF089698.D
 Acq: 9 Aug 2016 20:30

Instrument :
 BNA_F
 ClientSampleId :
 PB92711BS

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.5	15.0	22.4
179	15.2	12.4	18.6

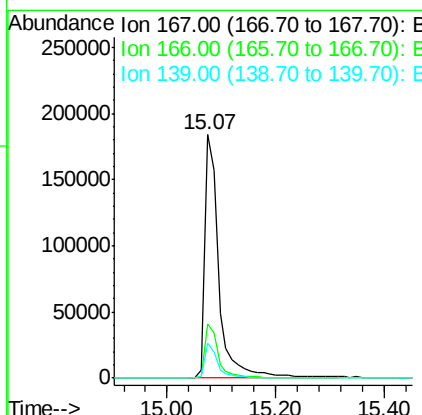
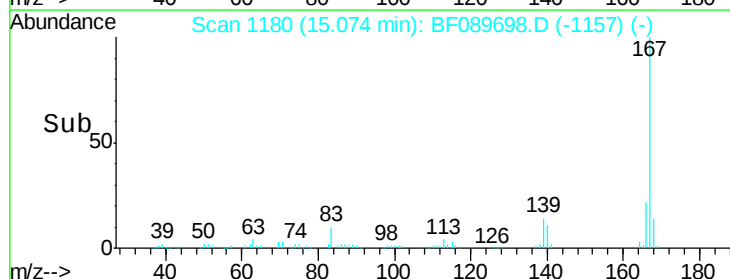
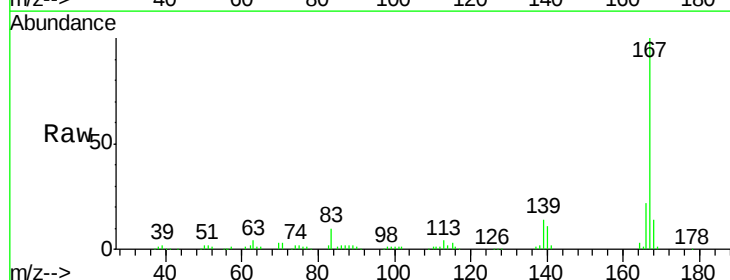
Manual Integrations
 APPROVED

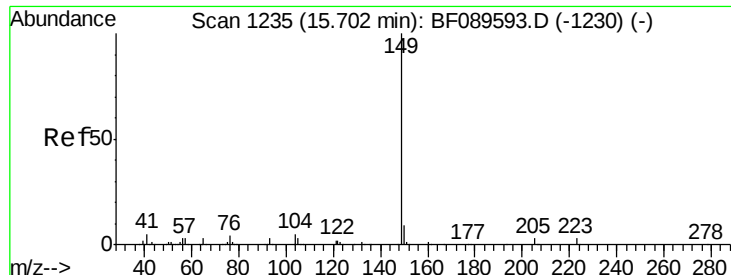
sohil
 8/10/2016 9:23:10 AM



#72
 Carbazole
 Concen: 40.58 ng
 RT: 15.07 min Scan# 1180
 Delta R.T. -0.03 min
 Lab File: BF089698.D
 Acq: 9 Aug 2016 20:30

Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.0	17.5	26.3
139	14.2	10.4	15.6





#73

Di-n-butylphthalate

Concen: 40.91 ng

RT: 15.67 min Scan# 1232

Delta R.T. -0.03 min

Lab File: BF089698.D

Acq: 9 Aug 2016 20:30

Instrument :

BNA_F

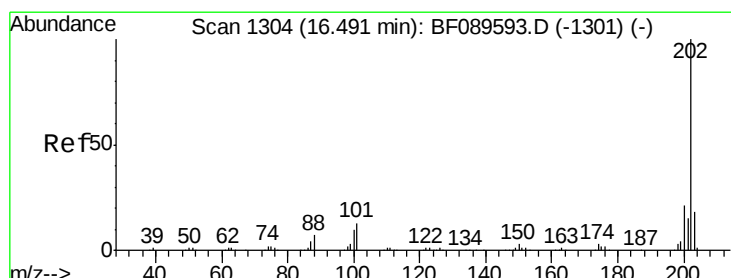
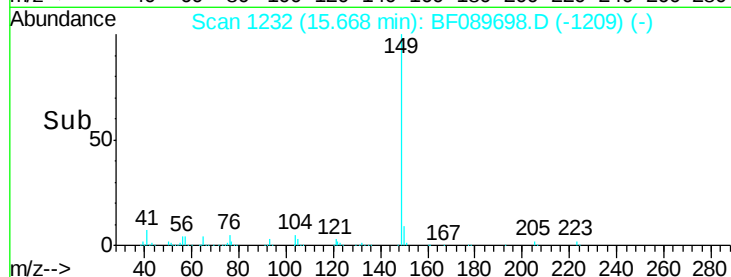
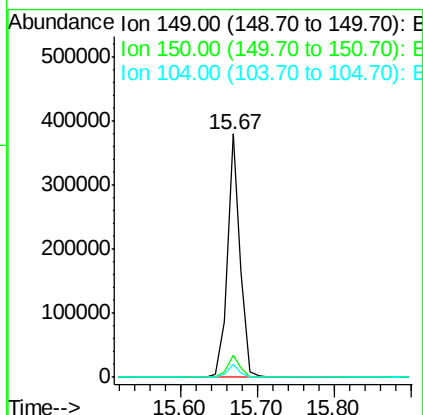
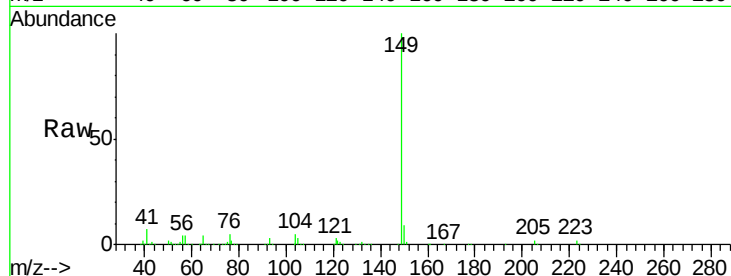
ClientSampled :

PB92711BS

Tot Ion:	149	Resp:	449063
Ion Ratio	Lower	Upper	
149	100		
150	9.0	7.2	10.8
104	5.3	3.8	5.8

Manual Integrations
APPROVED

sohil
8/10/2016 9:23:10 AM



#74

Fluoranthene

Concen: 39.42 ng

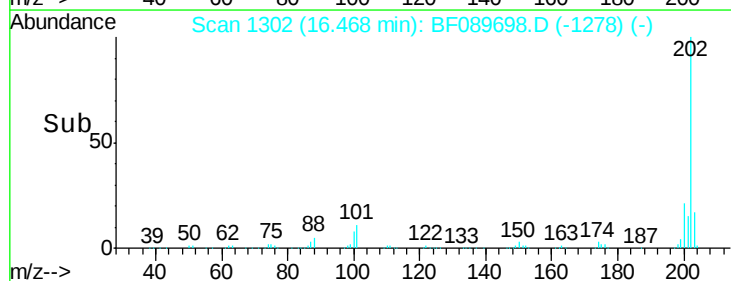
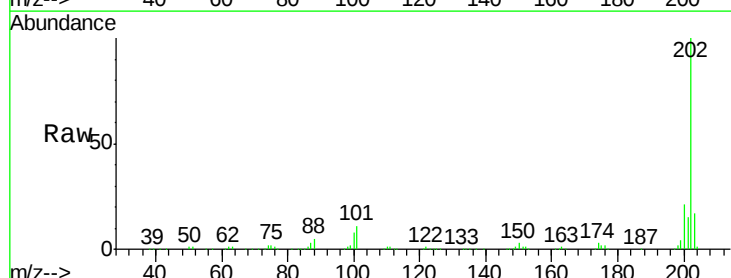
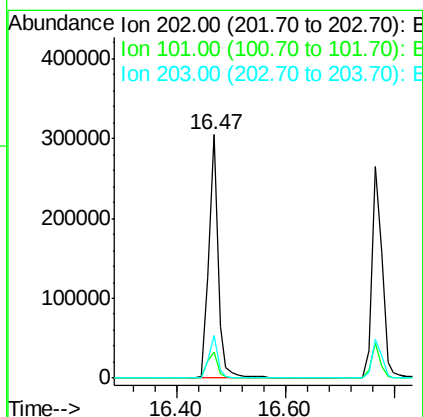
RT: 16.47 min Scan# 1302

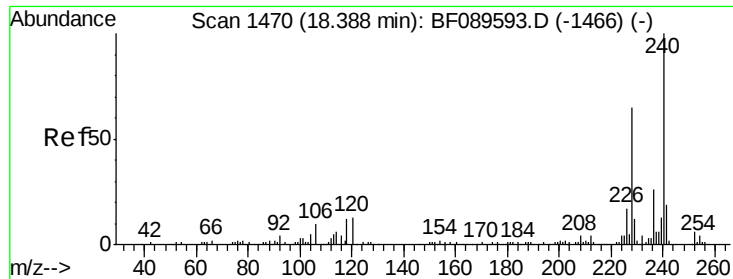
Delta R.T. -0.02 min

Lab File: BF089698.D

Acq: 9 Aug 2016 20:30

Tgt Ion:	202	Resp:	368097
Ion Ratio	Lower	Upper	
202	100		
101	10.9	0.0	32.7
203	17.5	0.0	37.8





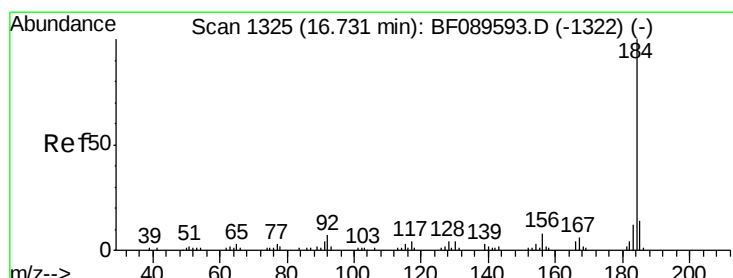
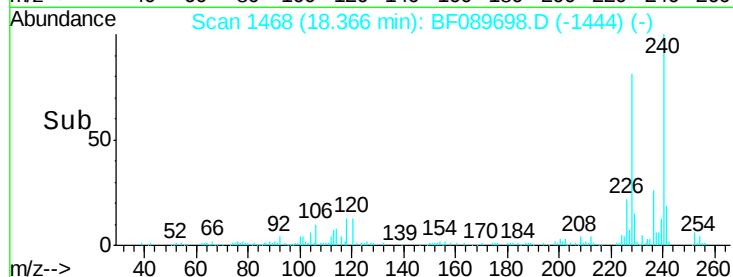
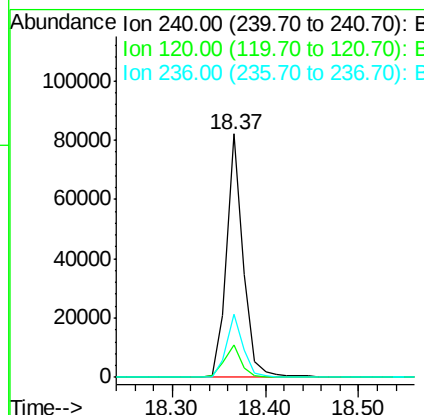
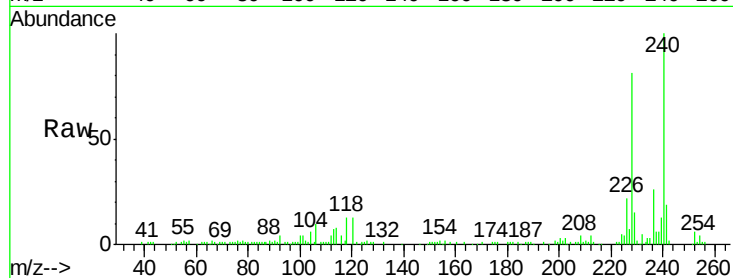
#75
Chrysene-d12
Concen: 20.00 ng
RT: 18.37 min Scan# 1468
Delta R.T. -0.02 min
Lab File: BF089698.D
Acq: 9 Aug 2016 20:30

Instrument :
BNA_F
ClientSampleId :
PB92711BS

Tot Ion	Ratio	Resp	Lower	Upper
240	100	101826		
120	13.2	10.6	15.8	
236	26.0	20.6	30.8	

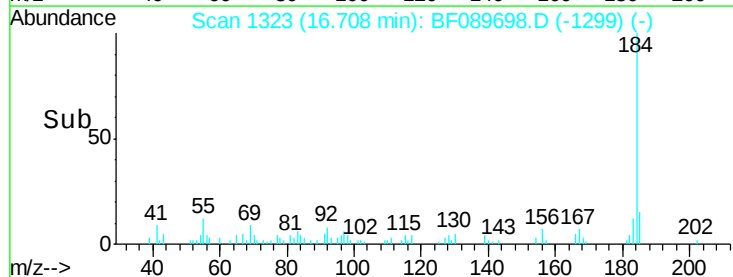
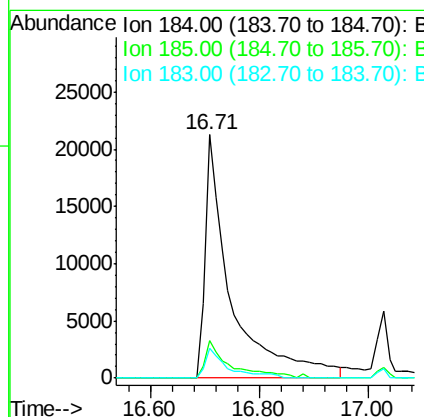
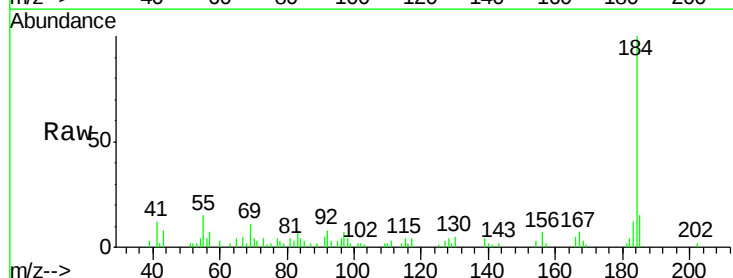
Manual Integrations
APPROVED

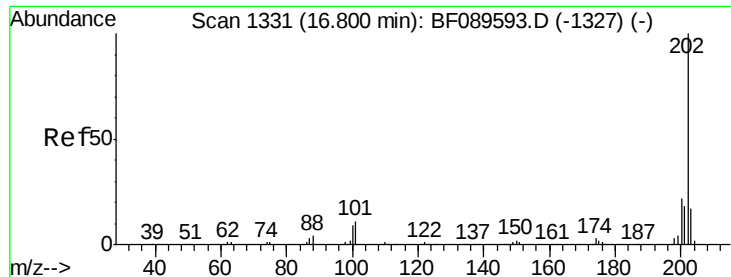
sohil
8/10/2016 9:23:10 AM



#76
Benzidine
Concen: 22.76 ng
RT: 16.71 min Scan# 1323
Delta R.T. -0.02 min
Lab File: BF089698.D
Acq: 9 Aug 2016 20:30

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	70252		
185	15.3	11.5	17.3	
183	12.2	9.8	14.8	





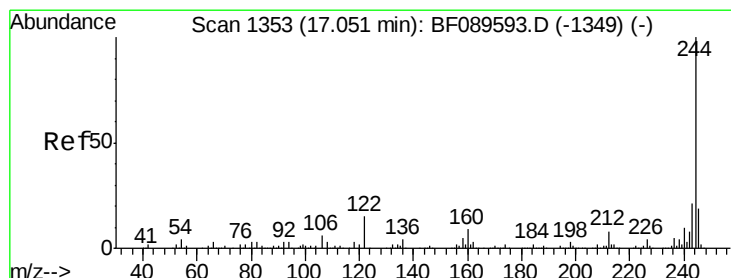
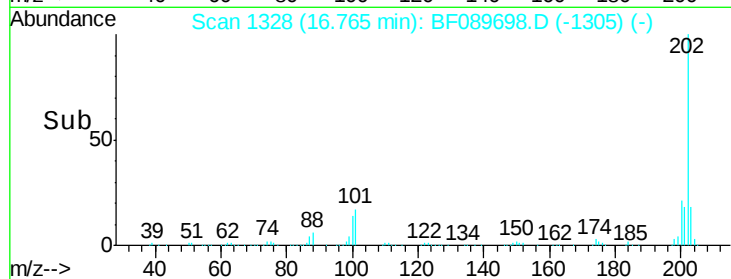
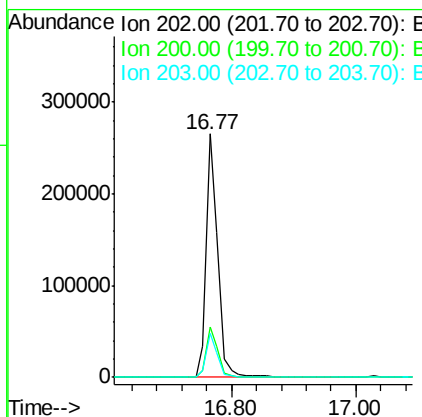
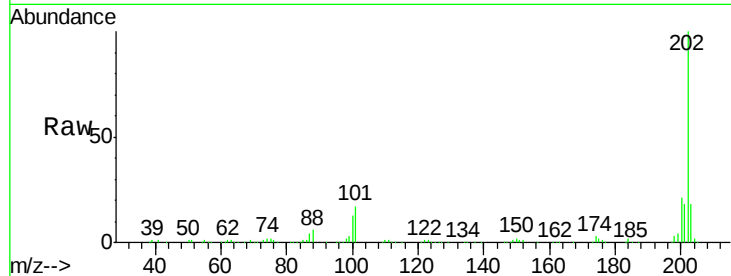
#77
Pvrene
Concen: 37.70 ng
RT: 16.77 min Scan# 1328
Delta R.T. -0.03 min
Lab File: BF089698.D
Acq: 9 Aug 2016 20:30

Instrument :
BNA_F
ClientSampleId :
PB92711BS

Tot Ion	Ratio	Resp Lower	Resp Upper
202	100		
200	20.8	17.4	26.0
203	18.2	13.6	20.4

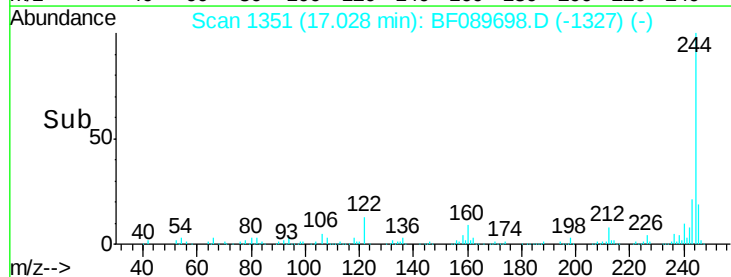
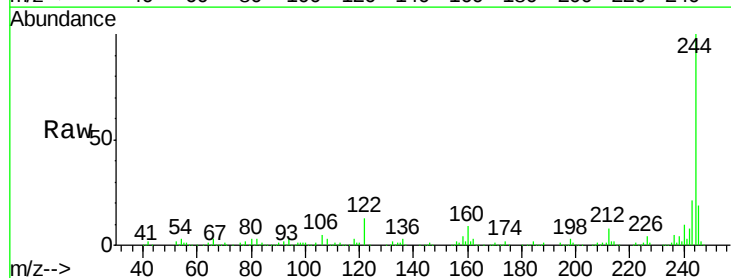
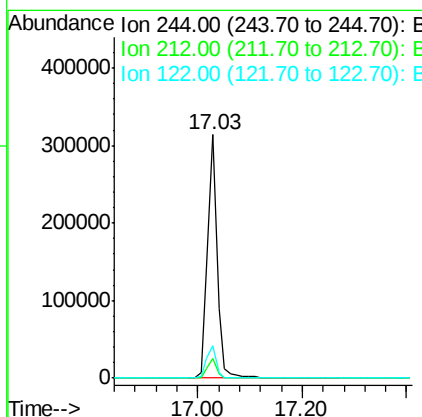
Manual Integrations
APPROVED

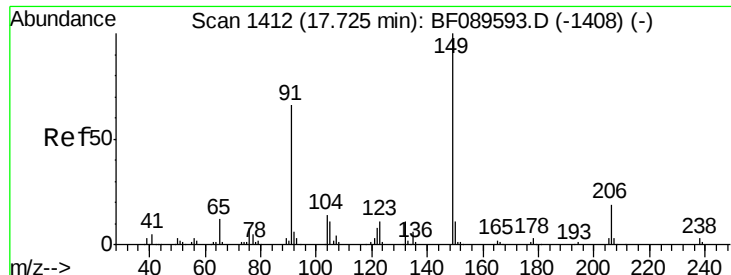
sohil
8/10/2016 9:23:10 AM



#78
Terphenyl-d14
Concen: 78.01 ng
RT: 17.03 min Scan# 1351
Delta R.T. -0.02 min
Lab File: BF089698.D
Acq: 9 Aug 2016 20:30

Tgt Ion	Ratio	Resp Lower	Resp Upper
244	100		
212	8.0	6.4	9.6
122	13.4	12.2	18.2





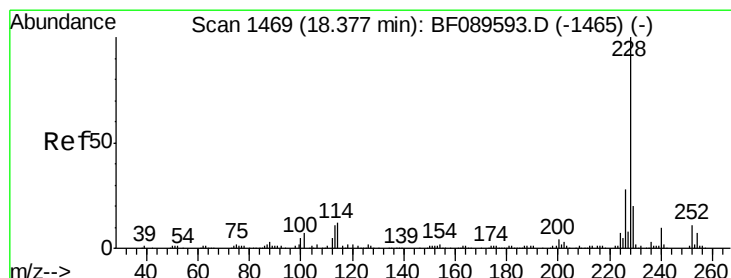
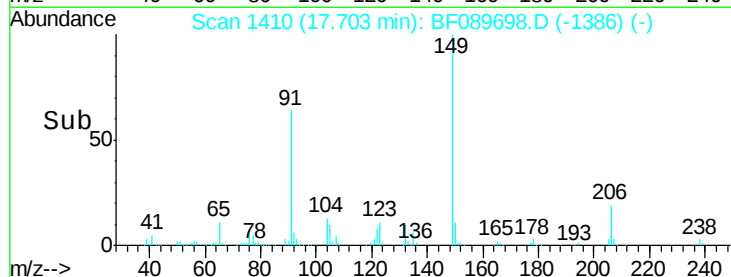
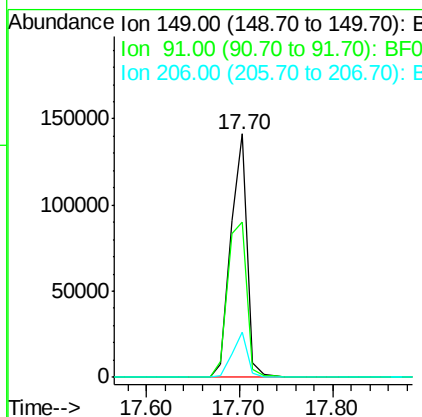
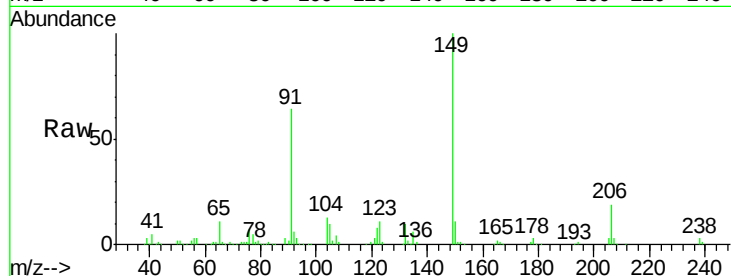
#79
Butylbenzylphthalate
Concen: 45.21 ng
RT: 17.70 min Scan# 1410
Delta R.T. -0.02 min
Lab File: BF089698.D
Acq: 9 Aug 2016 20:30

Instrument :
BNA_F
ClientSampleId :
PB92711BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	173216		
91	64.0	52.6	78.8	
206	18.6	15.4	23.0	

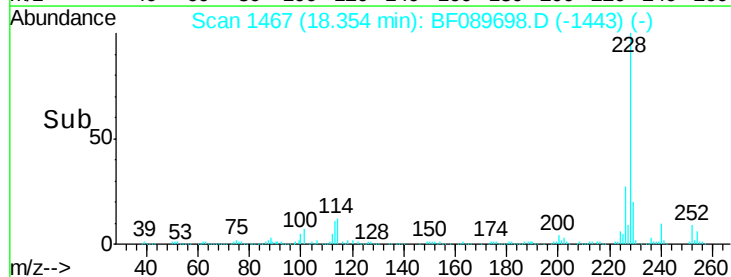
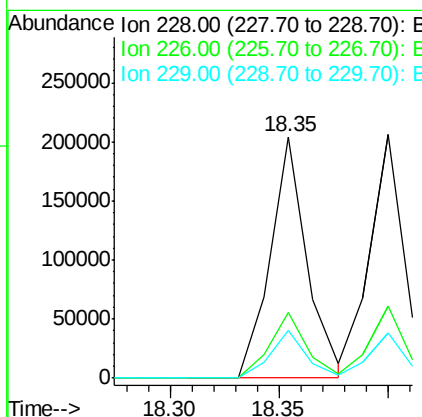
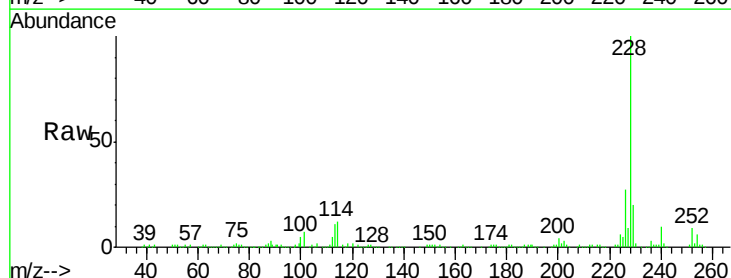
Manual Integrations
APPROVED

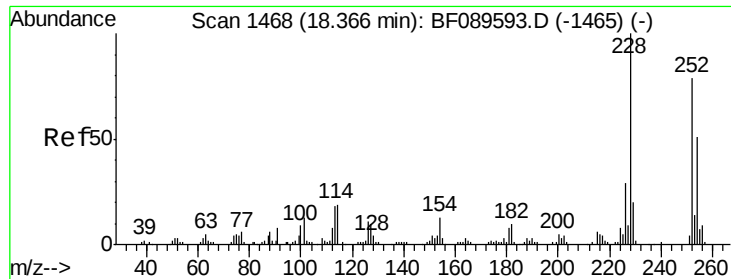
sohil
8/10/2016 9:23:10 AM



#80
Benzo(a)anthracene
Concen: 41.23 ng
RT: 18.35 min Scan# 1467
Delta R.T. -0.02 min
Lab File: BF089698.D
Acq: 9 Aug 2016 20:30

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	241223		
226	27.2	22.3	33.5	
229	19.7	15.9	23.9	





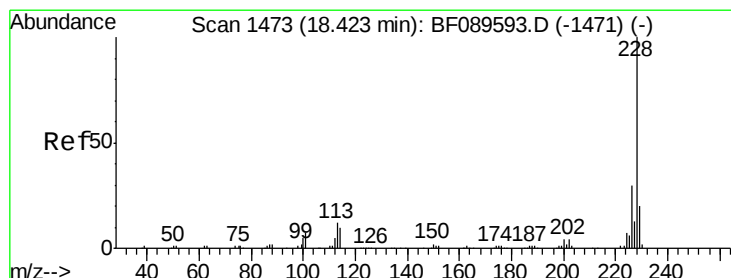
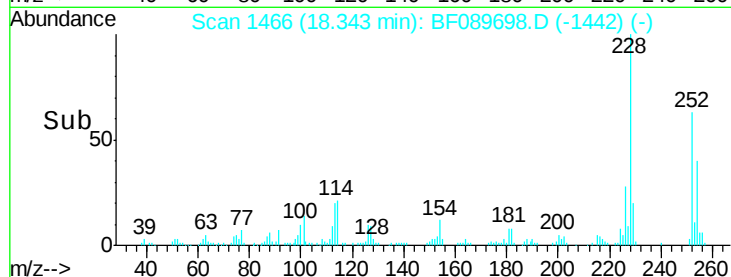
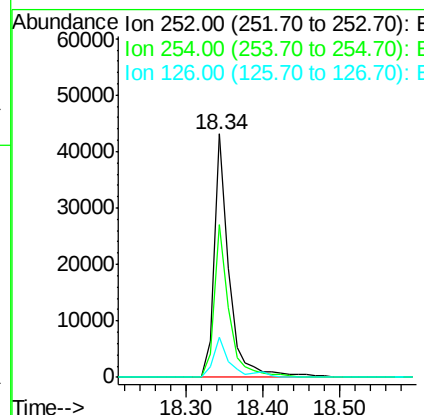
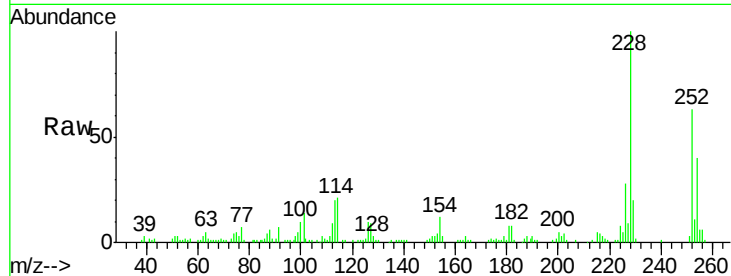
#81
 3,3'-Dichlorobenzidine
 Concen: 31.15 ng
 RT: 18.34 min Scan# 1466
 Delta R.T. -0.02 min
 Lab File: BF089698.D
 Acq: 9 Aug 2016 20:30

Instrument :
 BNA_F
 ClientSampleId :
 PB92711BS

Tot Ion	Ratio	Lower	Upper
252	100		
254	62.8	51.7	77.5
126	16.4	11.0	16.4

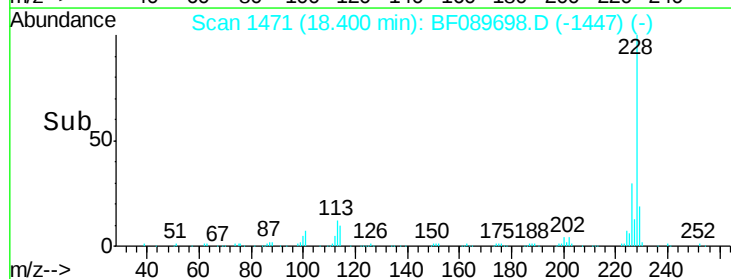
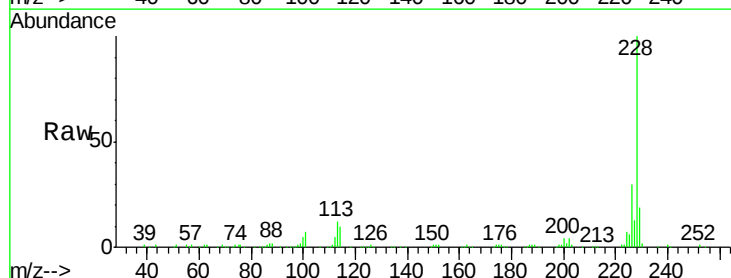
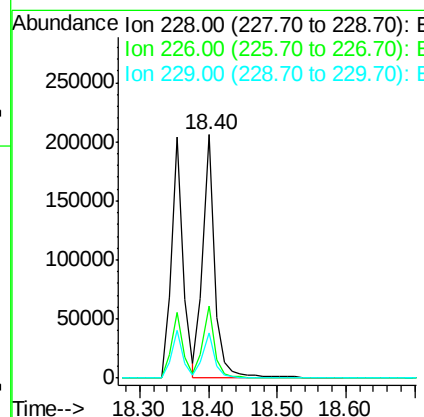
Manual Integrations
 APPROVED

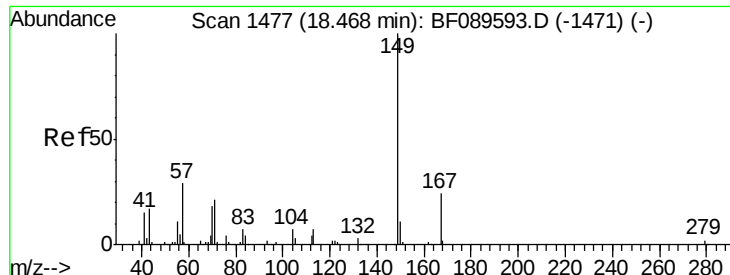
sohil
 8/10/2016 9:23:10 AM



#82
 Chrysene
 Concen: 39.81 ng
 RT: 18.40 min Scan# 1471
 Delta R.T. -0.02 min
 Lab File: BF089698.D
 Acq: 9 Aug 2016 20:30

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.7	24.2	36.2
229	18.7	16.0	24.0





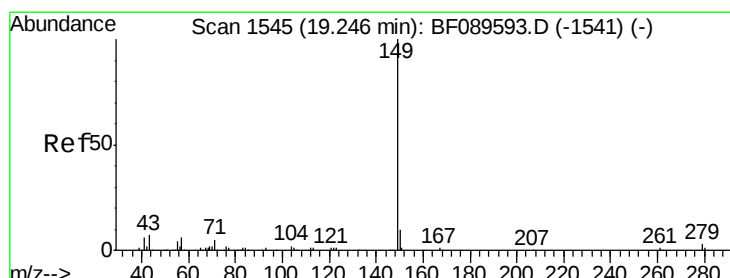
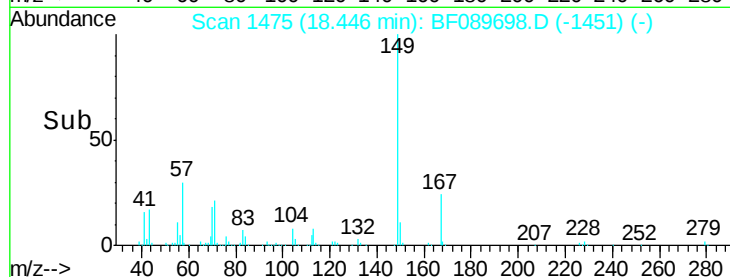
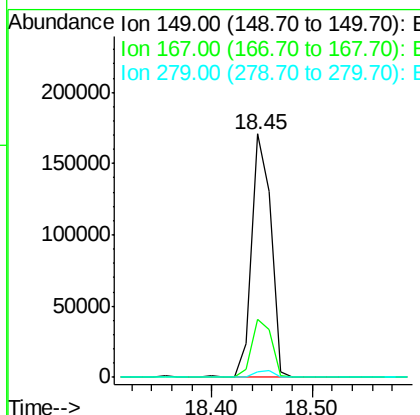
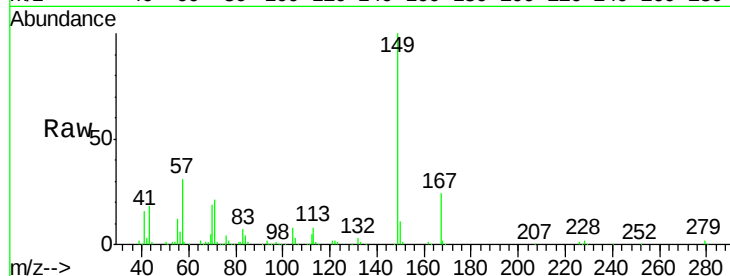
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 42.87 ng
 RT: 18.45 min Scan# 1475
 Delta R.T. -0.02 min
 Lab File: BF089698.D
 Acq: 9 Aug 2016 20:30

Instrument :
 BNA_F
 ClientSampleId :
 PB92711BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
149	100		227400		
167	23.8		19.0	28.4	
279	2.3		1.8	2.6	

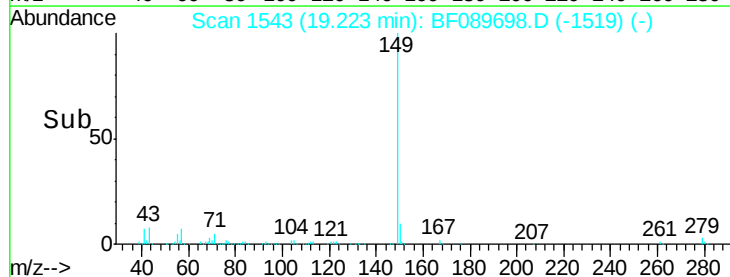
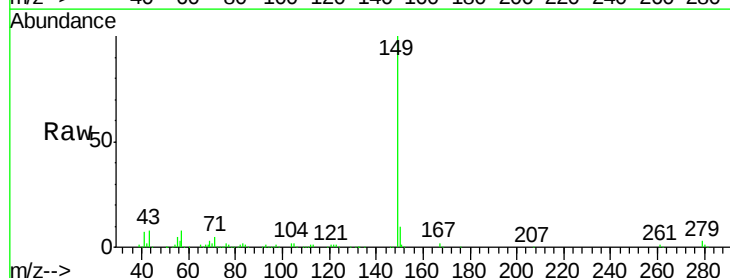
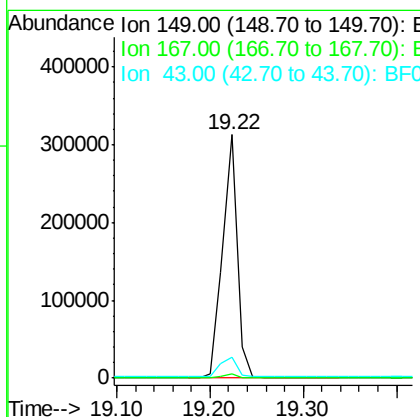
Manual Integrations
 APPROVED

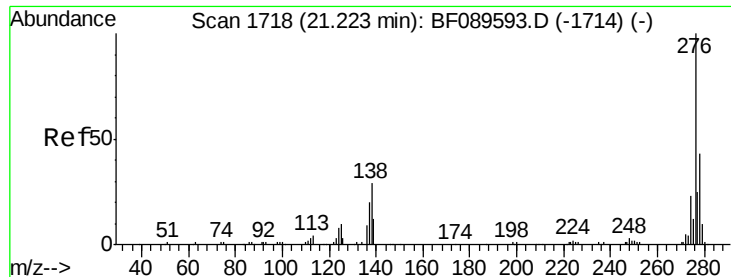
sohil
 8/10/2016 9:23:10 AM



#84
 Di-n-octyl phthalate
 Concen: 44.97 ng
 RT: 19.22 min Scan# 1543
 Delta R.T. -0.02 min
 Lab File: BF089698.D
 Acq: 9 Aug 2016 20:30

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
149	100		343232		
167	1.5		1.1	1.7	
43	9.3		7.0	10.4	





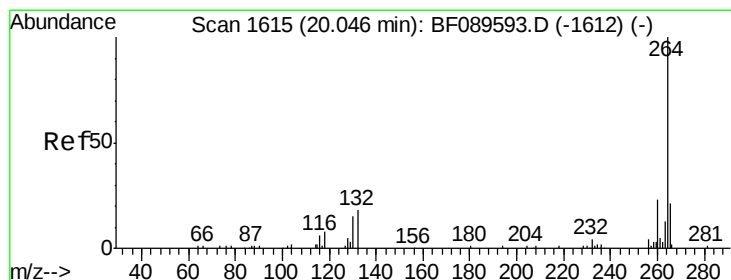
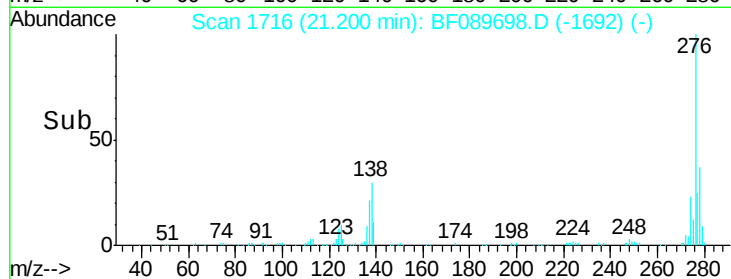
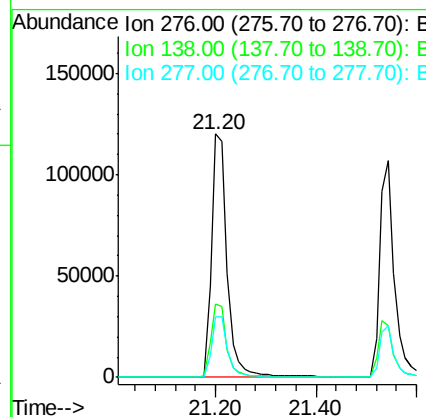
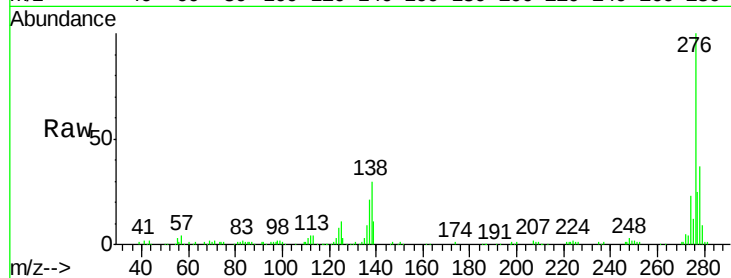
#85
Indeno(1,2,3-cd)pyrene
Concen: 55.68 ng
RT: 21.20 min Scan# 1716
Delta R.T. -0.02 min
Lab File: BF089698.D
Acq: 9 Aug 2016 20:30

Instrument :
BNA_F
ClientSampleId :
PB92711BS

Tot Ion	Ratio	Lower	Upper
276	100		
138	30.6	23.8	35.8
277	25.3	20.3	30.5

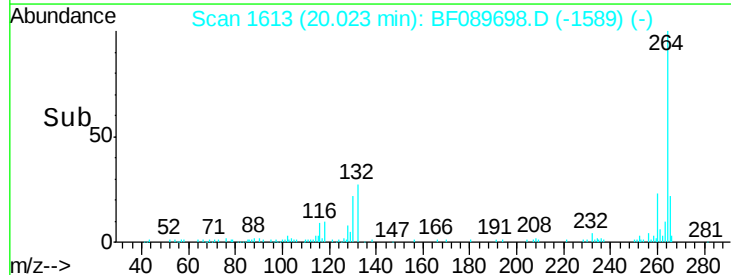
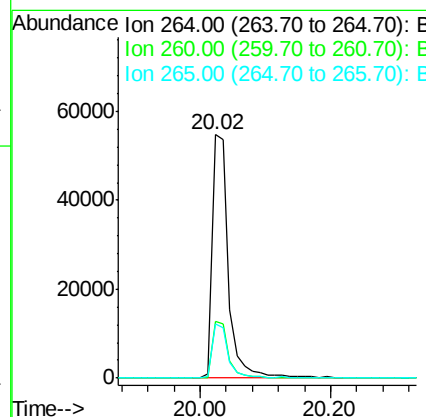
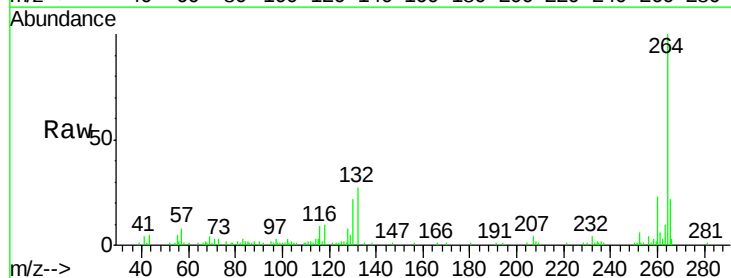
Manual Integrations
APPROVED

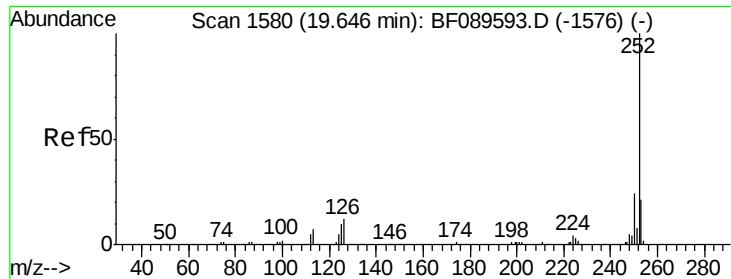
sohil
8/10/2016 9:23:10 AM



#86
Perylene-d12
Concen: 20.00 ng
RT: 20.02 min Scan# 1613
Delta R.T. -0.02 min
Lab File: BF089698.D
Acq: 9 Aug 2016 20:30

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.2	18.7	28.1
265	22.3	16.5	24.7





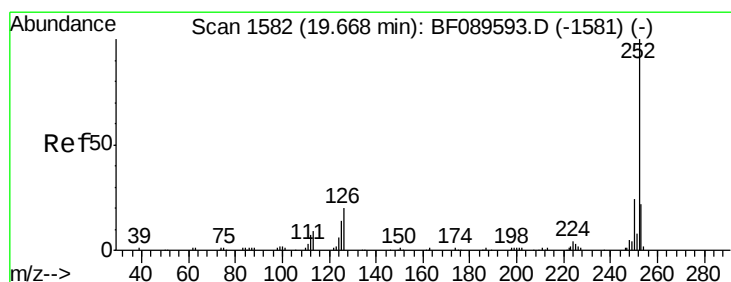
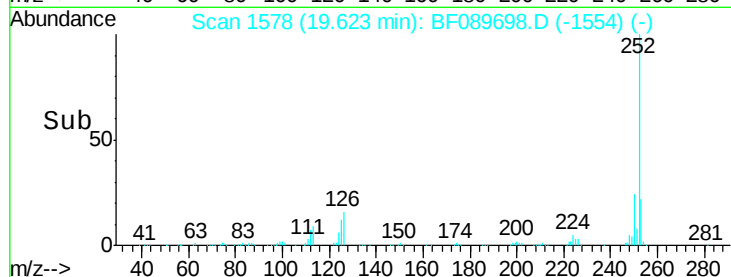
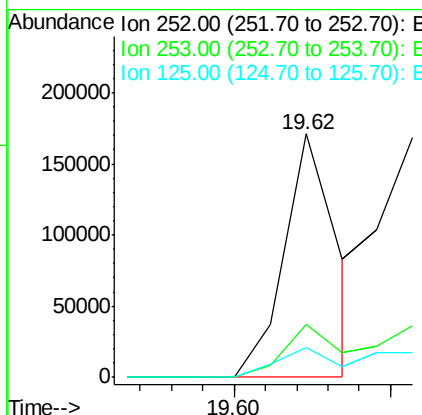
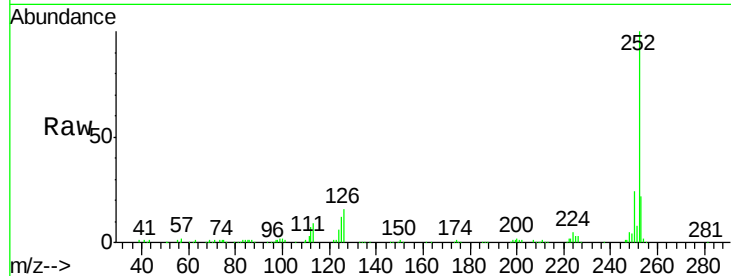
#87
Benzo(b)fluoranthene
Concen: 34.04 ng m
RT: 19.62 min Scan# 1578
Delta R.T. -0.02 min
Lab File: BF089698.D
Acq: 9 Aug 2016 20:30

Instrument :
BNA_F
ClientSampleId :
PB92711BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.1	25.7
125	12.2	7.8	11.8

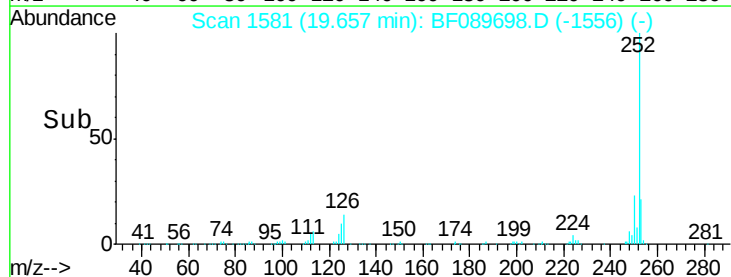
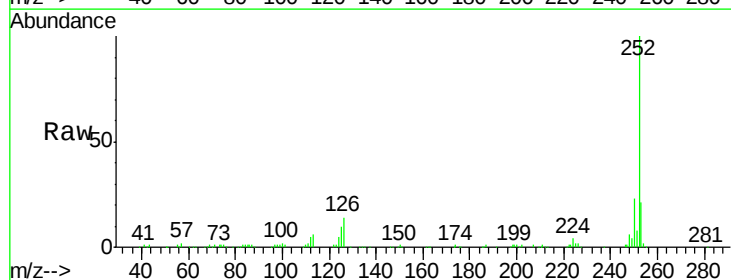
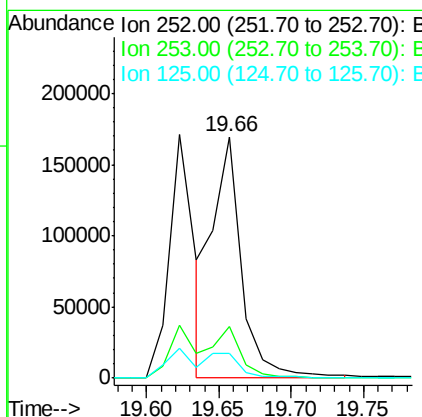
Manual Integrations
APPROVED

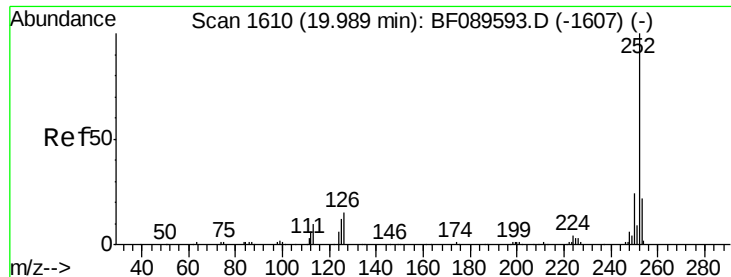
sohil
8/10/2016 9:23:10 AM



#88
Benzo(k)fluoranthene
Concen: 39.79 ng m
RT: 19.66 min Scan# 1581
Delta R.T. -0.01 min
Lab File: BF089698.D
Acq: 9 Aug 2016 20:30

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.2	17.3	25.9
125	10.1	11.0	16.6





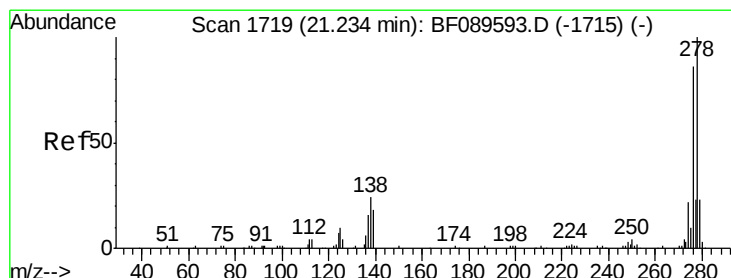
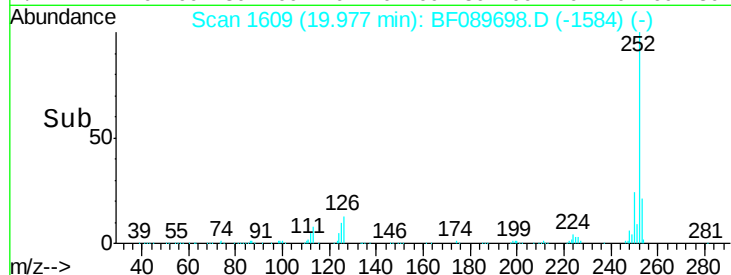
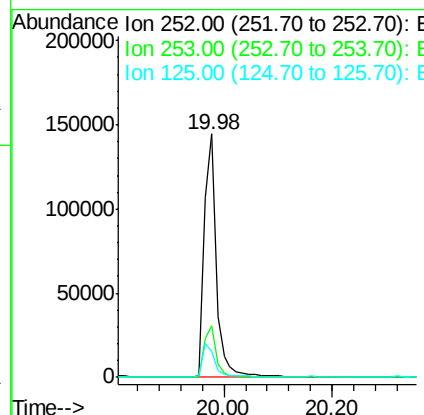
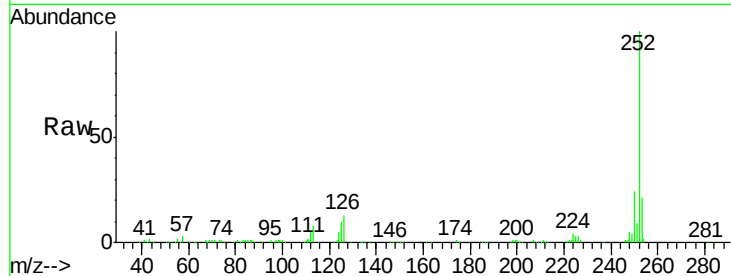
#89
Benzo(a)pyrene
Concen: 40.31 ng
RT: 19.98 min Scan# 1609
Delta R.T. -0.01 min
Lab File: BF089698.D
Acq: 9 Aug 2016 20:30

Instrument :
BNA_F
ClientSampleId :
PB92711BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
252	100				
253	21.3	17.4	26.0		
125	10.5	9.9	14.9		

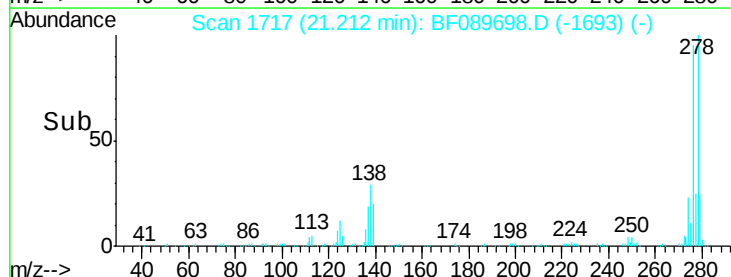
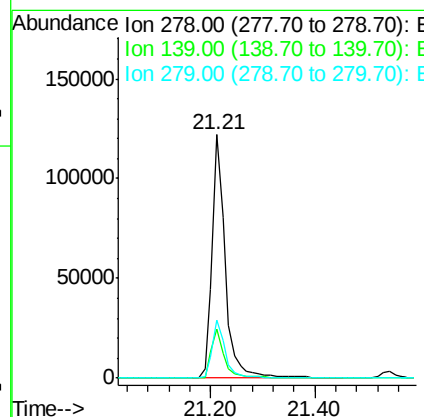
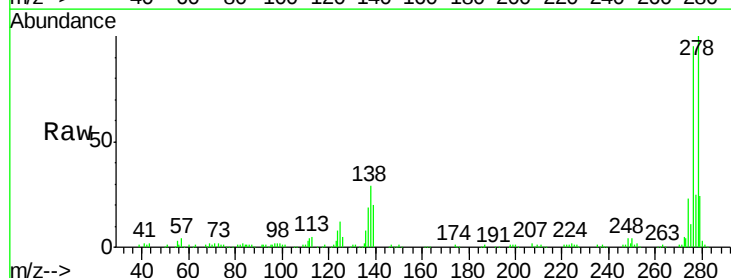
Manual Integrations
APPROVED

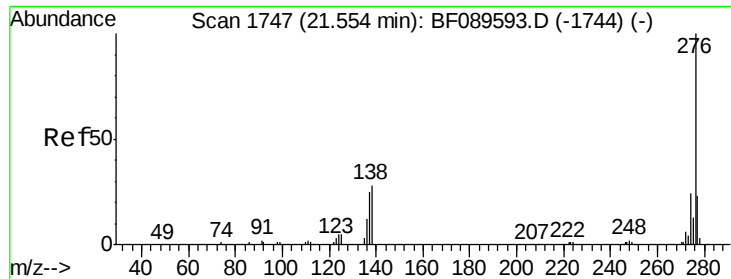
sohil
8/10/2016 9:23:10 AM



#90
Dibenzo(a,h)anthracene
Concen: 41.94 ng
RT: 21.21 min Scan# 1717
Delta R.T. -0.02 min
Lab File: BF089698.D
Acq: 9 Aug 2016 20:30

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
278	100				
139	20.3	14.6	21.8		
279	23.6	18.4	27.6		





#91
 Benzo(a,h,i)perylene
 Concen: 42.01 ng
 RT: 21.54 min Scan# 1746
 Delta R.T. -0.01 min
 Lab File: BF089698.D
 Acq: 9 Aug 2016 20:30

Instrument :
 BNA_F
 ClientSampleId :
 PB92711BS

Tot Ion:	276	Resp:	220754
Ion Ratio		Lower	Upper
276	100		
277	23.5	18.6	28.0
138	23.6	22.6	33.8

Manual Integrations
 APPROVED

sohil
 8/10/2016 9:23:10 AM

