

Data Path : Z:\HPCHEM1\BNA F\DATA\BF060416\
 Data File : BF087671.D
 Acq On : 4 Jun 2016 17:45
 Operator : UM/SJ
 Sample : PB91024BS
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB91024BS

Manual Integrations
 APPROVED

SOHIL
 6/6/2016 7:18:20 PM

Quant Time: Jun 05 01:39:26 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060416.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Jun 04 11:07:28 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	122700	20.00	ng	-0.01
21) Naphthalene-d8	8.15	136	503106	20.00	ng	0.00
38) Acenaphthene-d10	9.91	164	239233	20.00	ng	0.00
63) Phenanthrene-d10	11.38	188	421956	20.00	ng	0.00
75) Chrysene-d12	14.02	240	326848	20.00	ng	0.00
86) Perylene-d12	15.44	264	281775	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.46	112	750440	98.85	ng	0.01
7) Phenol-d6	6.49	99	994205	104.43	ng	0.00
23) Nitrobenzene-d5	7.43	82	655993	75.44	ng	0.00
41) 2,4,6-Tribromophenol	10.70	330	285168	118.75	ng	0.01
44) 2-Fluorobiphenyl	9.23	172	1235530	76.89	ng	0.00
78) Terphenyl-d14	12.97	244	990072	73.92	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.56	88	106878	29.13	ng	# 27
3) Pyridine	3.27	79	332370	34.29	ng	96
4) n-Nitrosodimethylamine	3.22	42	147856	36.11	ng	99
6) Aniline	6.52	93	353995	26.23	ng	99
8) 2-Chlorophenol	6.65	128	330903	37.88	ng	# 80
9) Benzaldehyde	6.40	77	23685	3.68	ng	90
10) Phenol	6.50	94	413736	38.16	ng	92
11) bis(2-Chloroethyl)ether	6.60	93	299666	38.04	ng	# 82
12) 1,3-Dichlorobenzene	6.80	146	322208	34.45	ng	99
13) 1,4-Dichlorobenzene	6.88	146	348131	37.09	ng	98
14) 1,2-Dichlorobenzene	7.03	146	308031m	35.01	ng	
15) Benzyl Alcohol	7.00	79	246372	35.03	ng	100
16) 2,2'-oxybis(1-Chloropropan	7.14	45	420030	36.57	ng	98
17) 2-Methylphenol	7.12	107	288033	41.07	ng	96
18) Hexachloroethane	7.38	117	128304	39.10	ng	96
19) n-Nitroso-di-n-propylamine	7.28	70	210863	35.46	ng	97
20) 3+4-Methylphenols	7.27	107	315335	36.69	ng	96
22) Acetophenone	7.28	105	442375	38.82	ng	# 99
24) Nitrobenzene	7.45	77	333326	38.30	ng	93
25) Isophorone	7.69	82	616381	38.94	ng	98
26) 2-Nitrophenol	7.76	139	156957	38.81	ng	97
27) 2,4-Dimethylphenol	7.80	122	342754	40.90	ng	98
28) bis(2-Chloroethoxy)methane	7.90	93	369251	36.77	ng	98
29) 2,4-Dichlorophenol	8.00	162	262343	38.12	ng	100
30) 1,2,4-Trichlorobenzene	8.09	180	286657	39.77	ng	99
31) Naphthalene	8.17	128	973005	39.78	ng	100
32) Benzoic acid	7.92	122	214828	42.49	ng	98
33) 4-Chloroaniline	8.22	127	224021	21.08	ng	95
34) Hexachlorobutadiene	8.30	225	144298	38.51	ng	99
35) Caprolactam	8.58	113	92955m	41.11	ng	
36) 4-Chloro-3-methylphenol	8.70	107	280808	39.44	ng	96
37) 2-Methylnaphthalene	8.86	142	603598	37.37	ng	# 96
39) 1,2,4,5-Tetrachlorobenzene	9.03	216	245166	37.19	ng	# 1
40) Hexachlorocyclopentadiene	9.02	237	277971	71.68	ng	98

Data Path : Z:\HPCHEM1\BNA F\DATA\BF060416\
 Data File : BF087671.D
 Acq On : 4 Jun 2016 17:45
 Operator : UM/SJ
 Sample : PB91024BS
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB91024BS

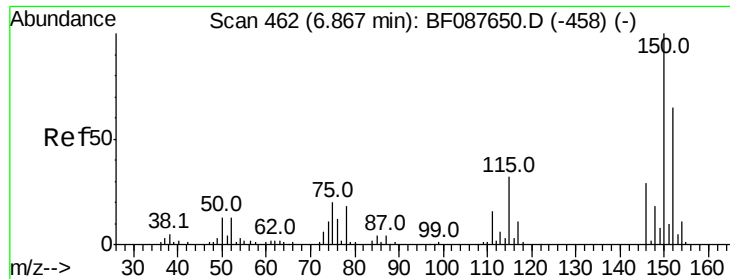
Manual Integrations
 APPROVED

SOHIL
 6/6/2016 7:18:20 PM

Quant Time: Jun 05 01:39:26 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060416.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Jun 04 11:07:28 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.14	196	188833	37.92	nq	98
43) 2,4,5-Trichlorophenol	9.18	196	194218	41.91	nq	# 91
45) 1,1'-Biphenyl	9.32	154	689938	35.54	nq	100
46) 2-Chloronaphthalene	9.35	162	564350	36.52	nq	99
47) 2-Nitroaniline	9.44	65	166953	38.36	nq	99
48) Acenaphthylene	9.77	152	958601	39.77	nq	99
49) Dimethylphthalate	9.63	163	710763	40.87	nq	100
50) 2,6-Dinitrotoluene	9.69	165	175818	44.43	nq	93
51) Acenaphthene	9.94	154	655916	42.30	nq	100
52) 3-Nitroaniline	9.85	138	109003	24.08	nq	96
53) 2,4-Dinitrophenol	9.96	184	160835	89.10	nq	# 59
54) Dibenzofuran	10.11	168	878685	41.62	nq	97
55) 4-Nitrophenol	10.01	139	253150	65.44	nq	94
56) 2,4-Dinitrotoluene	10.09	165	224055	44.46	nq	# 77
57) Fluorene	10.46	166	622554	37.72	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.23	232	165880	41.55	nq	# 56
59) Diethylphthalate	10.33	149	649080	37.16	nq	99
60) 4-Chlorophenyl-phenylether	10.44	204	265339	39.89	nq	99
61) 4-Nitroaniline	10.47	138	156187	35.89	nq	94
62) Azobenzene	10.60	77	719552	40.93	nq	99
64) 4,6-Dinitro-2-methylphenol	10.49	198	96771	41.54	nq	89
65) n-Nitrosodiphenylamine	10.56	169	564835	40.87	nq	100
66) 4-Bromophenyl-phenylether	10.94	248	180605	43.16	nq	98
67) Hexachlorobenzene	10.99	284	182577	39.02	nq	99
68) Atrazine	11.10	200	184775	45.13	nq	98
69) Pentachlorophenol	11.19	266	221408	79.64	nq	99
70) Phenanthrene	11.40	178	898850	39.29	nq	100
71) Anthracene	11.46	178	942522	41.11	nq	100
72) Carbazole	11.61	167	807472	37.21	nq	99
73) Di-n-butylphthalate	11.95	149	1006307	43.25	nq	100
74) Fluoranthene	12.59	202	915071	40.65	nq	99
76) Benzidine	12.72	184	339156	26.31	nq	99
77) Pyrene	12.82	202	961841	41.33	nq	100
79) Butylbenzylphthalate	13.45	149	455349	45.97	nq	98
80) Benzo(a)anthracene	14.01	228	769098	40.77	nq	100
81) 3,3'-Dichlorobenzidine	13.98	252	143498	26.96	nq	99
82) Chrysene	14.05	228	753770	40.15	nq	100
83) Bis(2-ethylhexyl)phthalate	14.01	149	509407	43.22	nq	99
84) Di-n-octyl phthalate	14.62	149	932626	42.56	nq	# 100
85) Indeno(1,2,3-cd)pyrene	16.83	276	661396	42.62	nq	# 100
87) Benzo(b)fluoranthene	15.04	252	756062	41.25	nq	99
88) Benzo(k)fluoranthene	15.06	252	577502m	37.87	nq	
89) Benzo(a)pyrene	15.38	252	629307	40.84	nq	100
90) Dibenzo(a,h)anthracene	16.86	278	548574	41.84	nq	99
91) Benzo(g,h,i)perylene	17.26	276	555397	41.98	nq	99

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.86 min Scan# 461

Delta R.T. -0.01 min

Lab File: BF087671.D

Acq: 4 Jun 2016 17:45

Instrument :

BNA_F

ClientSampleId :

PB91024BS

Tot Ion:152 Resp: 122700

Ion Ratio Lower Upper

152 100

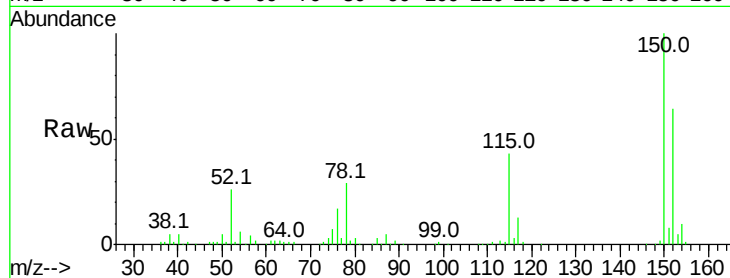
150 157.1 123.8 185.6

115 66.8 39.6 59.4#

Manual Integrations
APPROVED

SOHIL

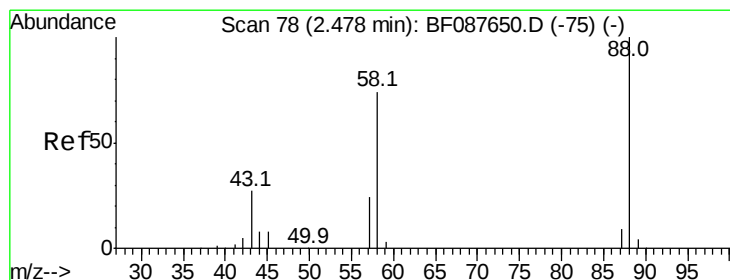
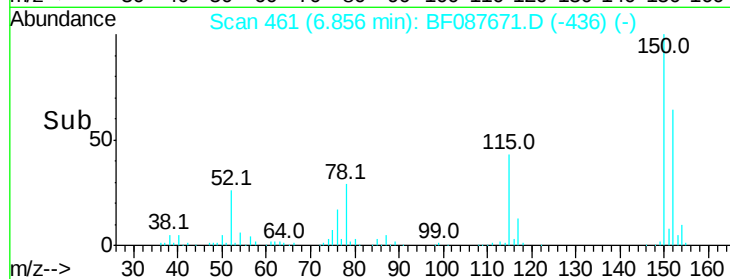
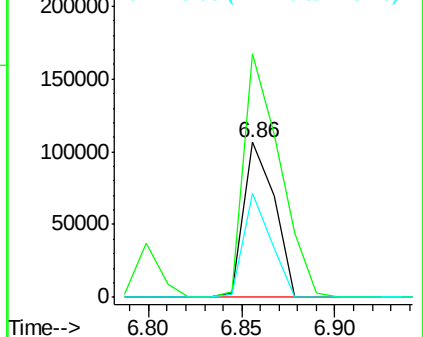
6/6/2016 7:18:20 PM



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 29.13 ng

RT: 2.56 min Scan# 85

Delta R.T. 0.08 min

Lab File: BF087671.D

Acq: 4 Jun 2016 17:45

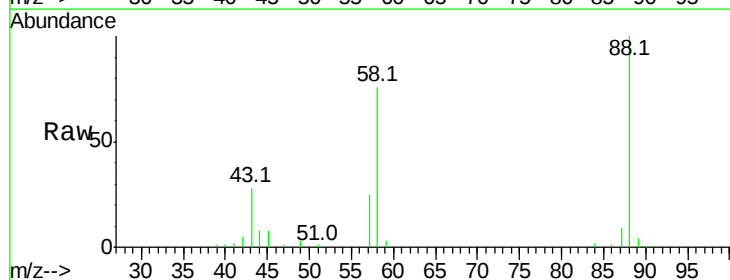
Tgt Ion: 88 Resp: 106878

Ion Ratio Lower Upper

88 100

58 76.7 0.0 0.0#

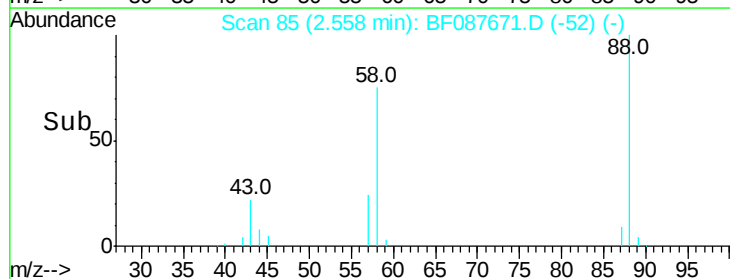
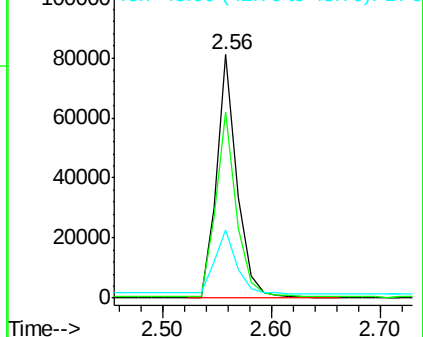
43 28.4 3.4 5.2#

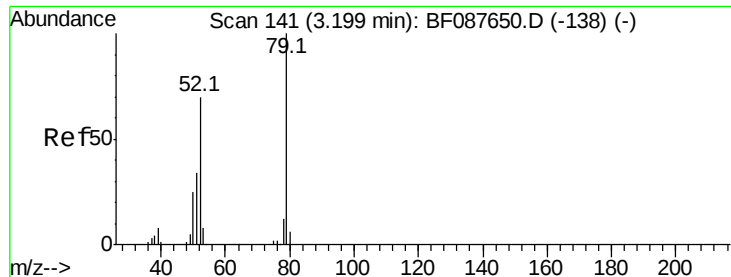


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





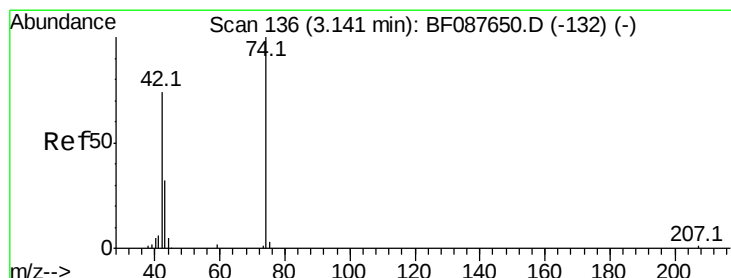
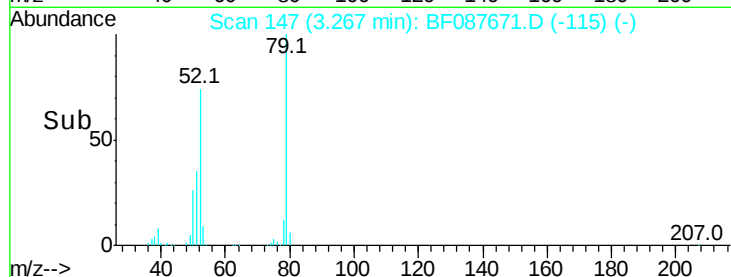
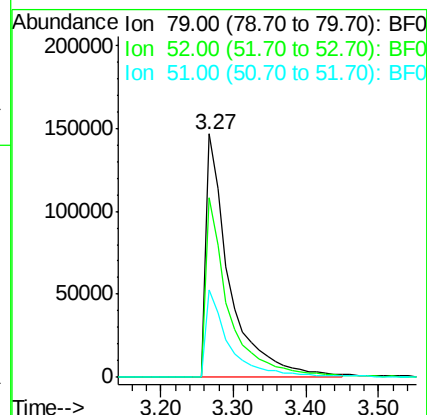
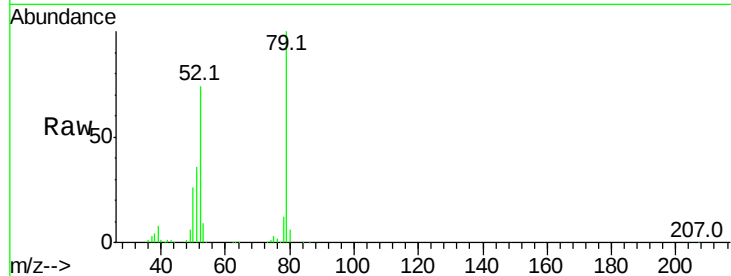
#3
 Pvridine
 Concen: 34.29 ng
 RT: 3.27 min Scan# 147
 Delta R.T. 0.07 min
 Lab File: BF087671.D
 Acq: 4 Jun 2016 17:45

Instrument :
 BNA_F
 ClientSampleId :
 PB91024BS

Tot Ion	Ratio	Lower	Upper
79	100		
52	73.8	56.3	84.5
51	35.7	27.4	41.2

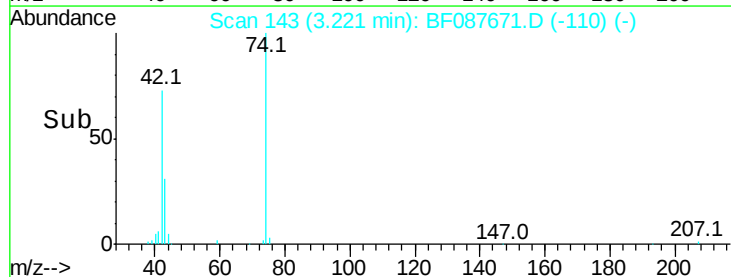
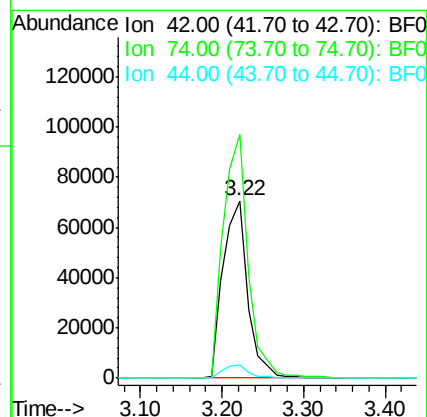
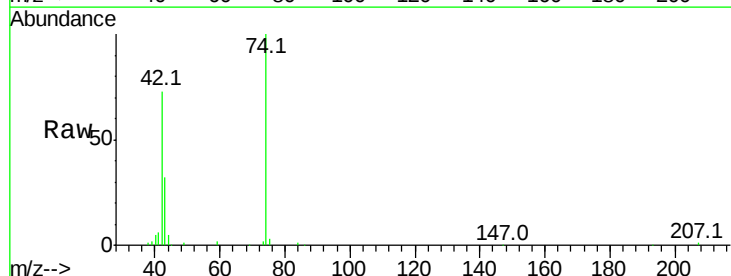
Manual Integrations
 APPROVED

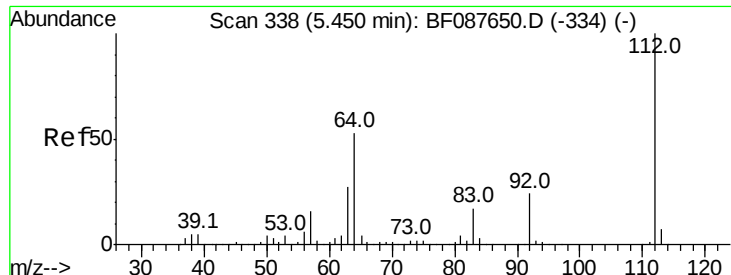
SOHIL
 6/6/2016 7:18:20 PM



#4
 n-Nitrosodimethylamine
 Concen: 36.11 ng
 RT: 3.22 min Scan# 143
 Delta R.T. 0.08 min
 Lab File: BF087671.D
 Acq: 4 Jun 2016 17:45

Tgt Ion	Ratio	Lower	Upper
42	100		
74	137.3	108.6	163.0
44	7.3	5.5	8.3





#5

2-Fluorophenol

Concen: 98.85 ng

RT: 5.46 min Scan# 339

Delta R.T. 0.01 min

Lab File: BF087671.D

Acq: 4 Jun 2016 17:45

Instrument :

BNA_F

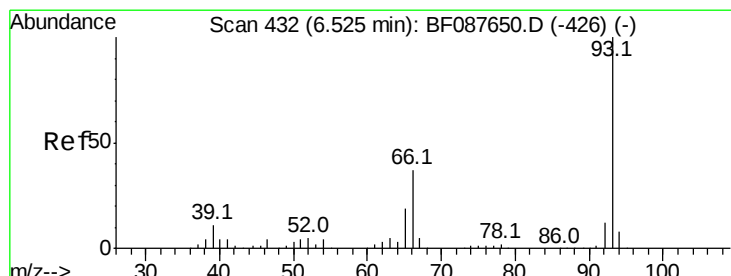
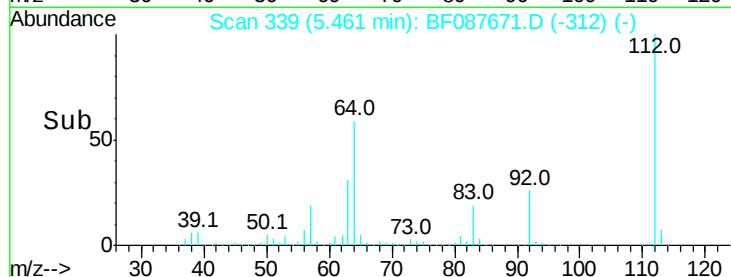
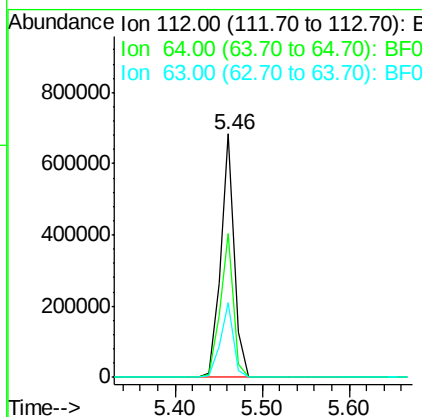
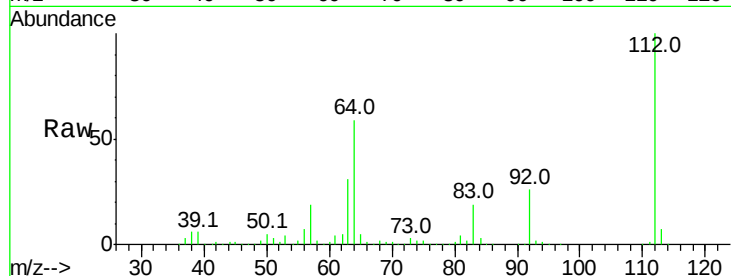
ClientSampleId :

PB91024BS

Tot Ion:	112	Resp:	750440
Ion Ratio	Lower	Upper	
112	100		
64	59.3	42.2	63.2
63	30.6	21.8	32.8

Manual Integrations
APPROVED

SOHIL
6/6/2016 7:18:20 PM



#6

Aniline

Concen: 26.23 ng

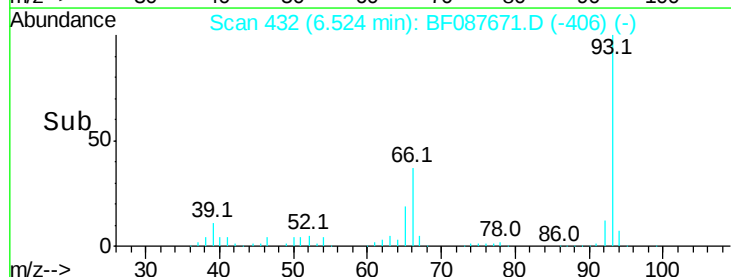
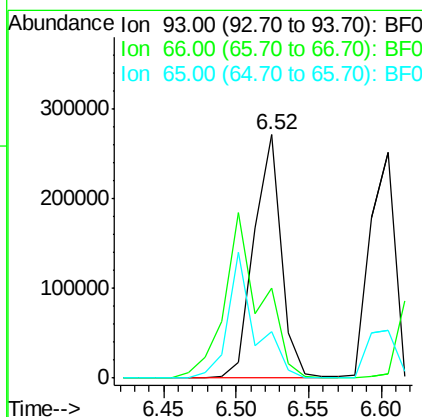
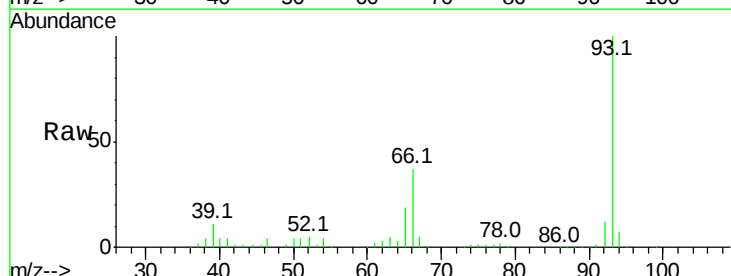
RT: 6.52 min Scan# 432

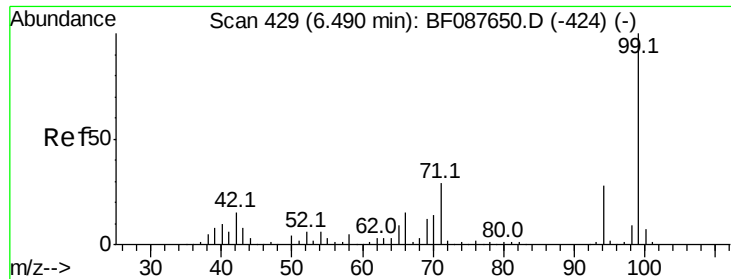
Delta R.T. -0.00 min

Lab File: BF087671.D

Acq: 4 Jun 2016 17:45

Tgt Ion:	93	Resp:	353995
Ion Ratio	Lower	Upper	
93	100		
66	37.0	29.8	44.8
65	19.0	14.9	22.3





#7

Phenol-d6

Concen: 104.43 ng

RT: 6.49 min Scan# 429

Delta R.T. -0.00 min

Lab File: BF087671.D

Acq: 4 Jun 2016 17:45

Instrument :

BNA_F

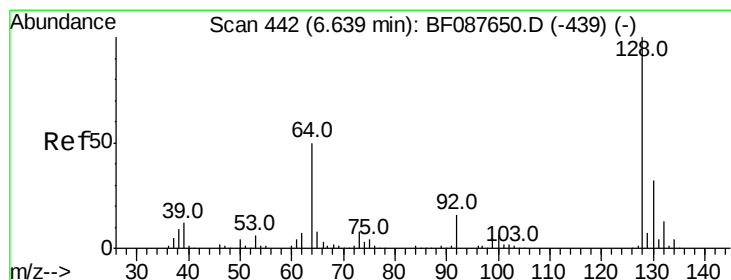
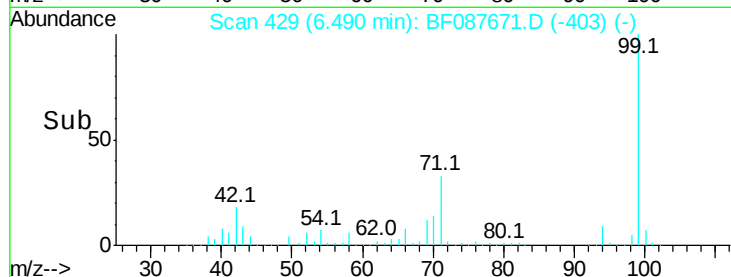
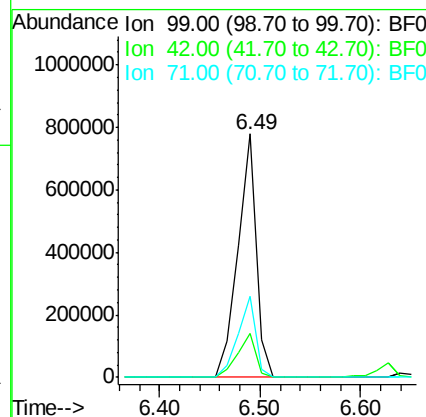
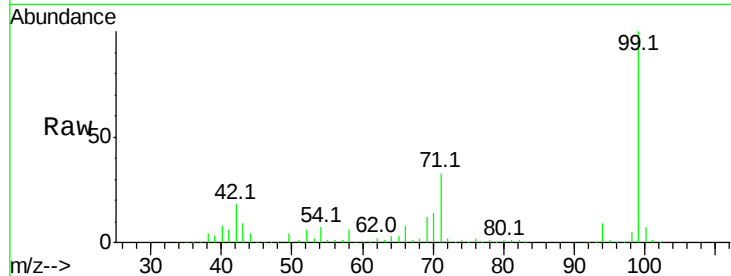
ClientSampleId :

PB91024BS

Tot Ion:	99	Resp:	994205
Ion Ratio	Lower	Upper	
99	100		
42	18.0	12.2	18.2
71	33.2	23.4	35.0

Manual Integrations
APPROVED

SOHIL
6/6/2016 7:18:20 PM



#8

2-Chlorophenol

Concen: 37.88 ng

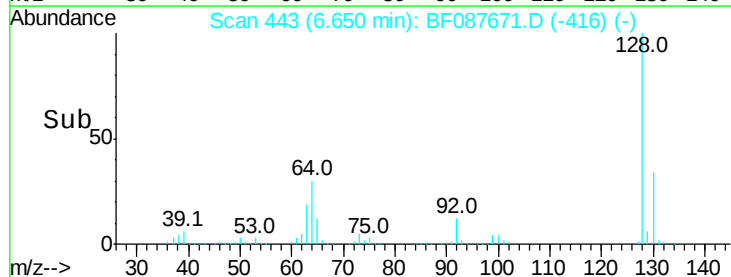
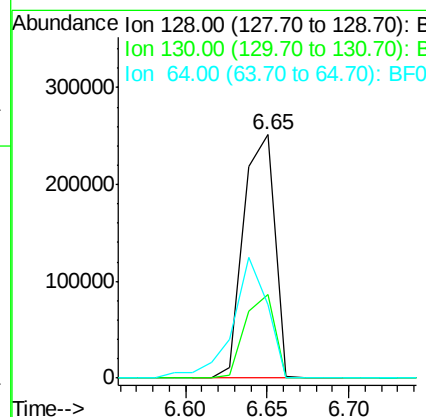
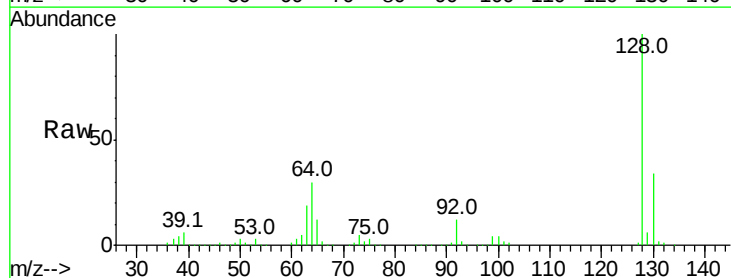
RT: 6.65 min Scan# 443

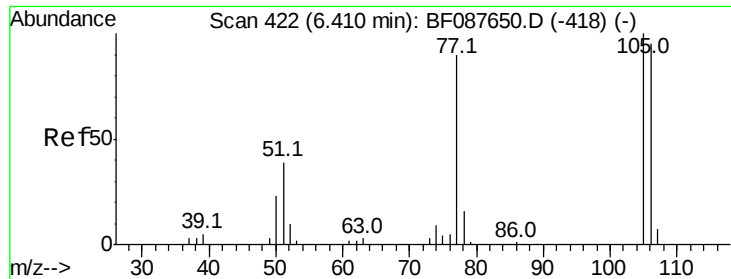
Delta R.T. 0.01 min

Lab File: BF087671.D

Acq: 4 Jun 2016 17:45

Tgt Ion:	128	Resp:	330903
Ion Ratio	Lower	Upper	
128	100		
130	34.1	12.0	52.0
64	30.2	30.8	70.8#





#9

Benzaldehyde

Concen: 3.68 ng

RT: 6.40 min Scan# 421

Delta R.T. -0.01 min

Lab File: BF087671.D

Acq: 4 Jun 2016 17:45

Instrument :

BNA_F

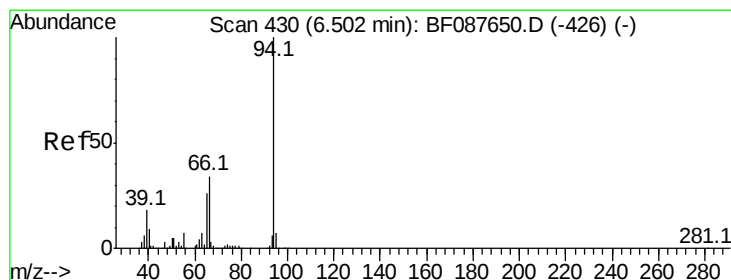
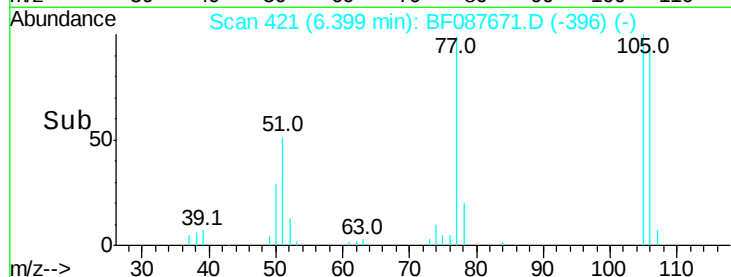
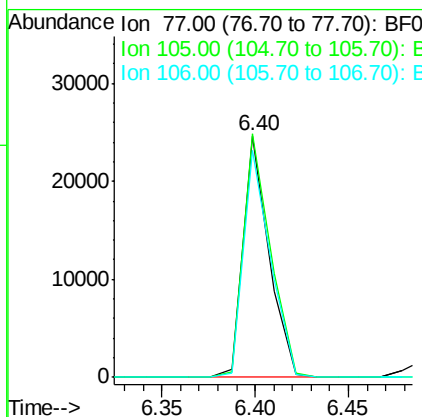
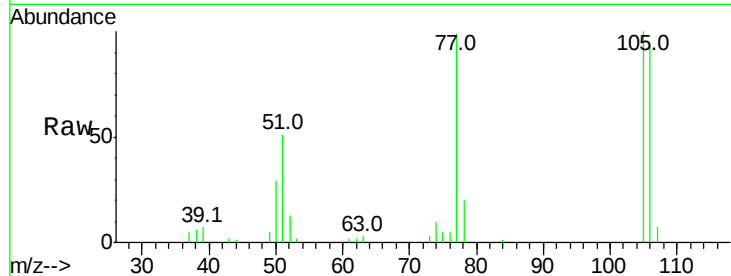
ClientSampleId :

PB91024BS

Tot Ion:	77	Resp:	23685
Ion	Ratio	Lower	Upper
77	100		
105	100.9	90.6	130.6
106	94.1	85.3	125.3

Manual Integrations
APPROVED

SOHIL
6/6/2016 7:18:20 PM



#10

Phenol

Concen: 38.16 ng

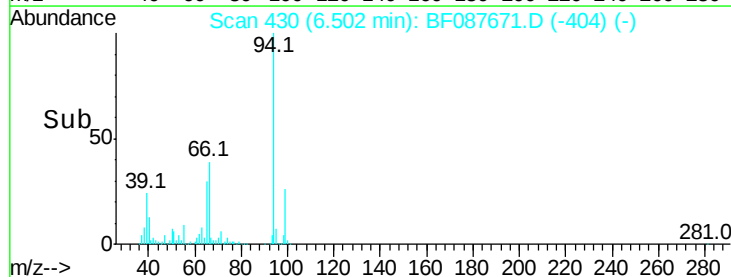
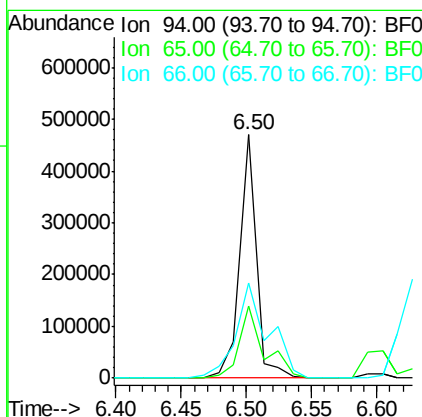
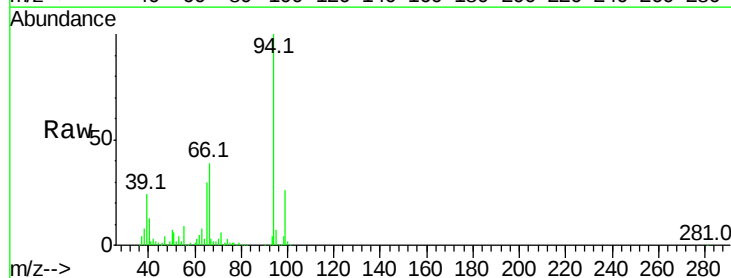
RT: 6.50 min Scan# 430

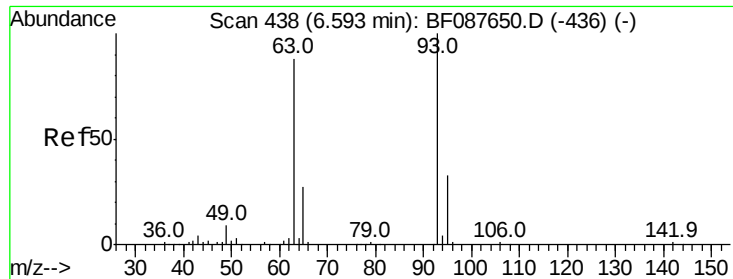
Delta R.T. -0.00 min

Lab File: BF087671.D

Acq: 4 Jun 2016 17:45

Tgt Ion:	94	Resp:	413736
Ion	Ratio	Lower	Upper
94	100		
65	29.9	5.9	45.9
66	39.1	14.0	54.0





#11

bis(2-Chloroethyl)ether

Concen: 38.04 ng

RT: 6.60 min Scan# 439

Delta R.T. 0.01 min

Lab File: BF087671.D

Acq: 4 Jun 2016 17:45

Instrument :

BNA_F

ClientSampleId :

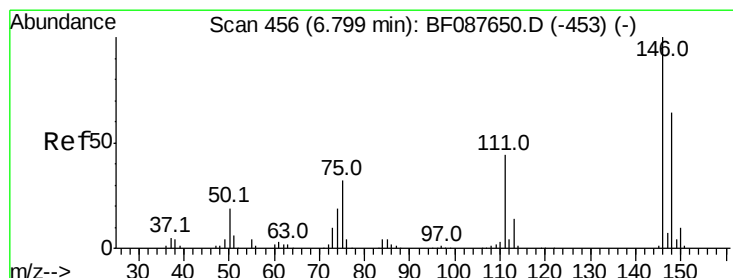
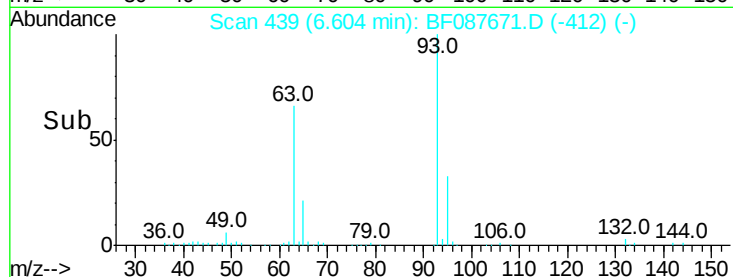
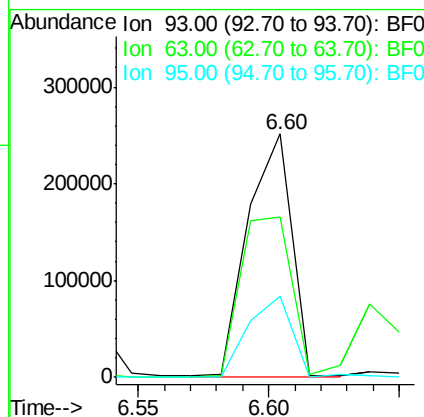
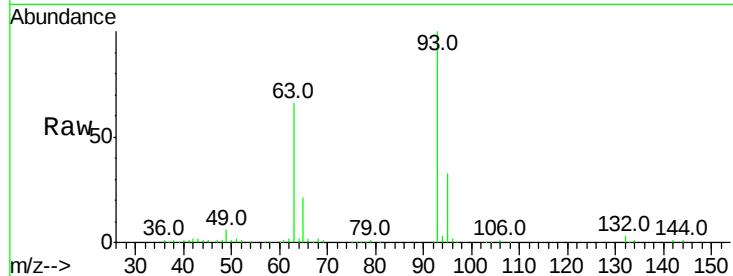
PB91024BS

Tot Ion: 93 Resp: 299666

Ion	Ratio	Lower	Upper
93	100		
63	65.7	67.6	107.6#
95	33.4	12.5	52.5

Manual Integrations
APPROVED

SOHIL
6/6/2016 7:18:20 PM



#12

1,3-Dichlorobenzene

Concen: 34.45 ng

RT: 6.80 min Scan# 456

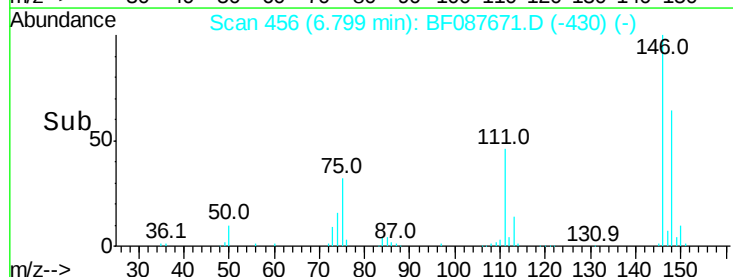
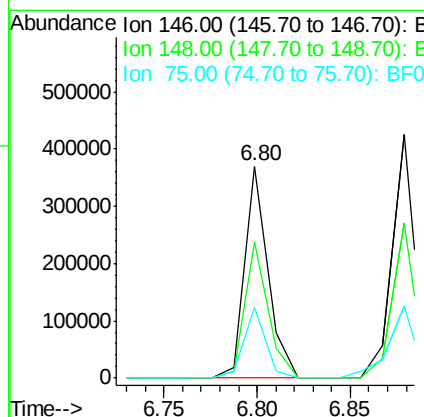
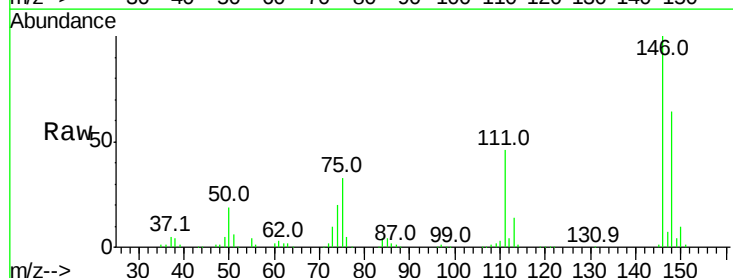
Delta R.T. -0.00 min

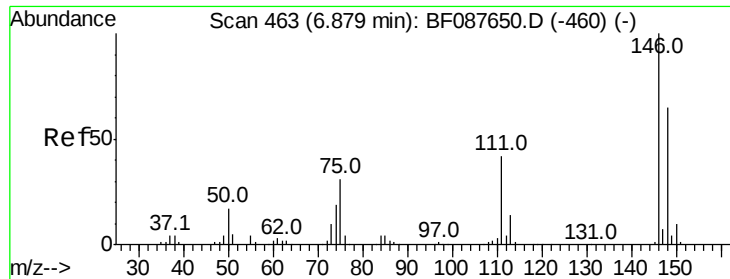
Lab File: BF087671.D

Acq: 4 Jun 2016 17:45

Tgt Ion: 146 Resp: 322208

Ion	Ratio	Lower	Upper
146	100		
148	63.9	50.9	76.3
75	33.2	25.6	38.4





#13

1,4-Dichlorobenzene

Concen: 37.09 ng

RT: 6.88 min Scan# 463

Delta R.T. -0.00 min

Lab File: BF087671.D

Acq: 4 Jun 2016 17:45

Instrument :

BNA_F

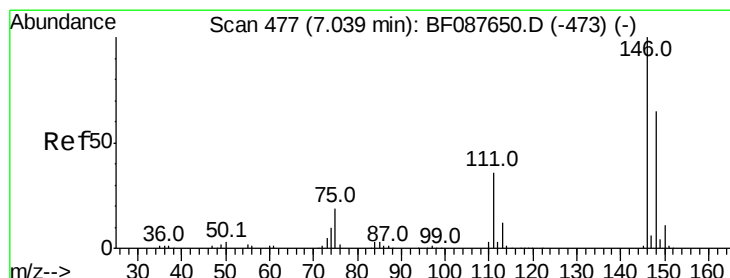
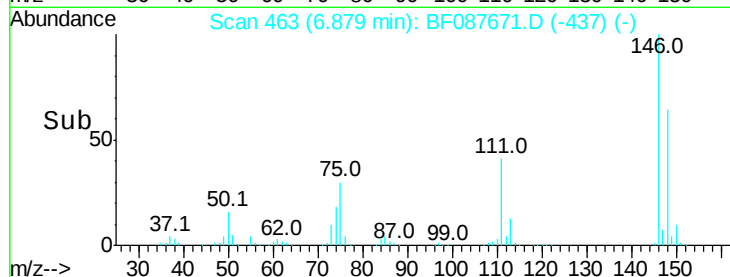
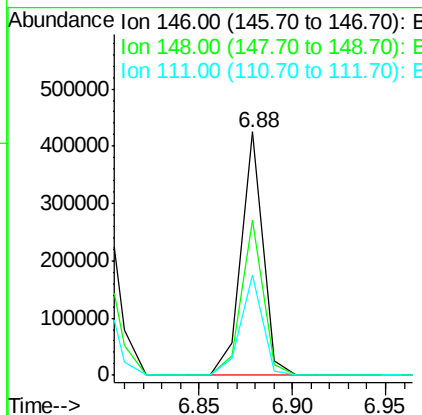
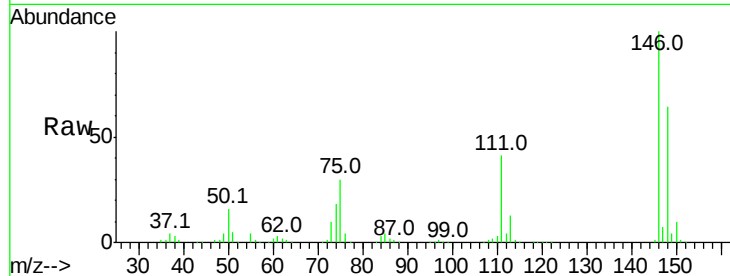
ClientSampleId :

PB91024BS

Tot Ion:	146	Resp:	348131
Ion Ratio	Lower	Upper	
146	100		
148	63.9	52.0	78.0
111	41.1	33.8	50.8

Manual Integrations
APPROVED

SOHIL
6/6/2016 7:18:20 PM



#14

1,2-Dichlorobenzene

Concen: 35.01 ng m

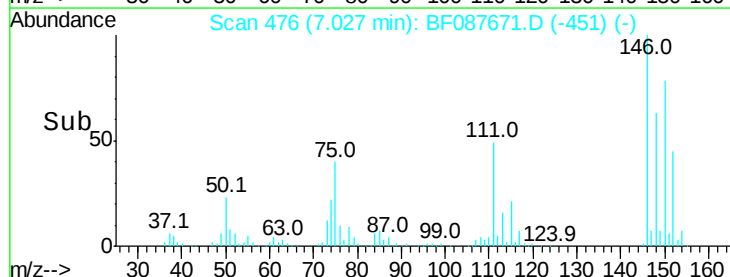
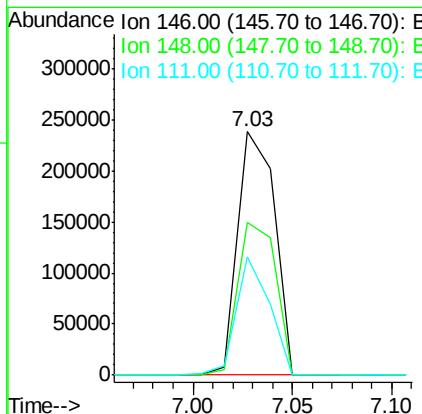
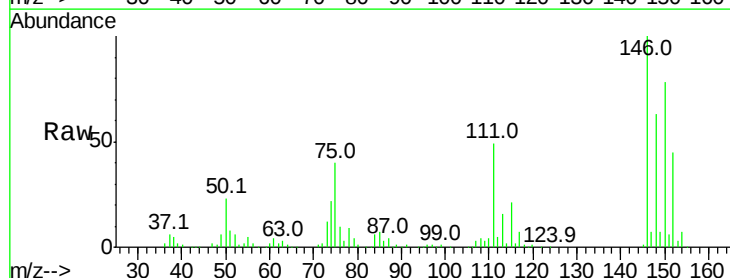
RT: 7.03 min Scan# 476

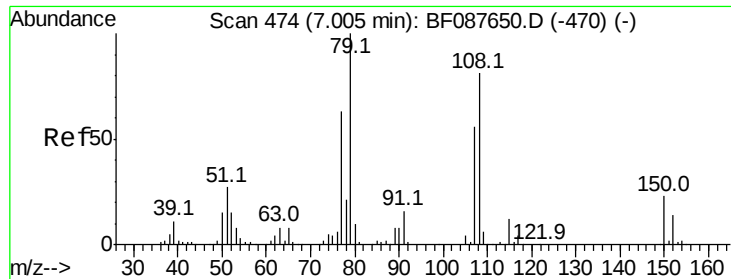
Delta R.T. -0.01 min

Lab File: BF087671.D

Acq: 4 Jun 2016 17:45

Tgt Ion:	146	Resp:	308031
Ion Ratio	Lower	Upper	
146	100		
148	62.7	52.3	78.5
111	48.7	28.7	43.1#





#15

Benzyl Alcohol

Concen: 35.03 ng

RT: 7.00 min Scan# 474

Delta R.T. -0.00 min

Lab File: BF087671.D

Acq: 4 Jun 2016 17:45

Instrument :

BNA_F

ClientSampleId :

PB91024BS

Tot Ion: 79 Resp: 246372

Ion Ratio Lower Upper

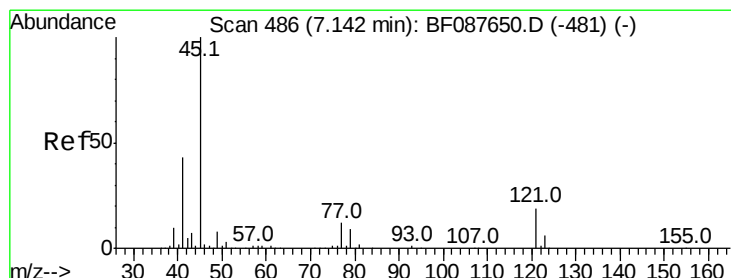
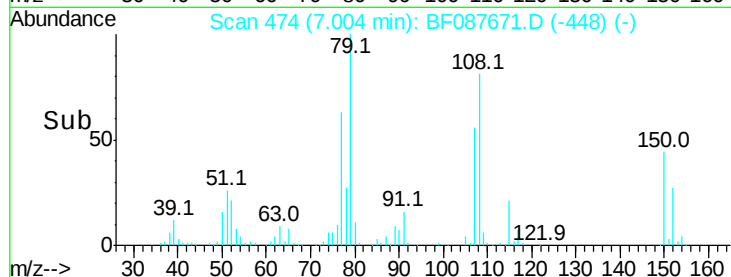
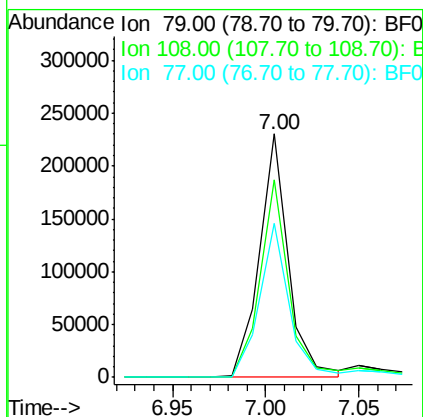
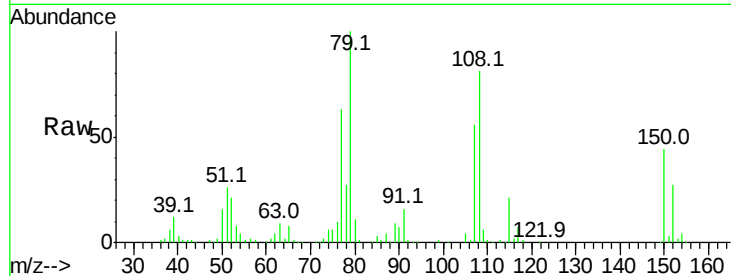
79 100

108 81.0 65.0 97.6

77 63.3 50.3 75.5

Manual Integrations
APPROVED

SOHIL
6/6/2016 7:18:20 PM



#16

2,2'-oxybis(1-chloropropane)

Concen: 36.57 ng

RT: 7.14 min Scan# 486

Delta R.T. -0.00 min

Lab File: BF087671.D

Acq: 4 Jun 2016 17:45

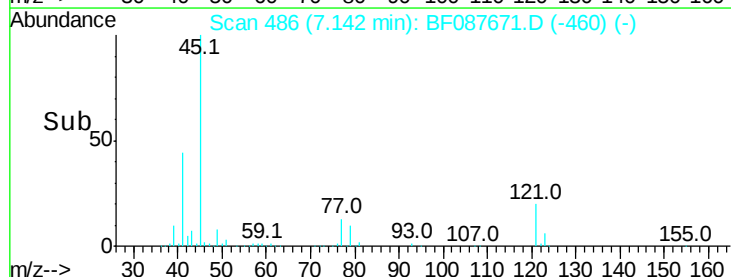
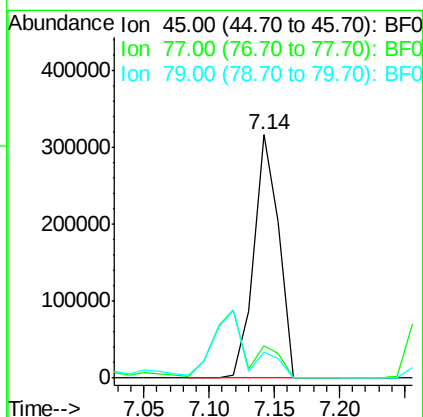
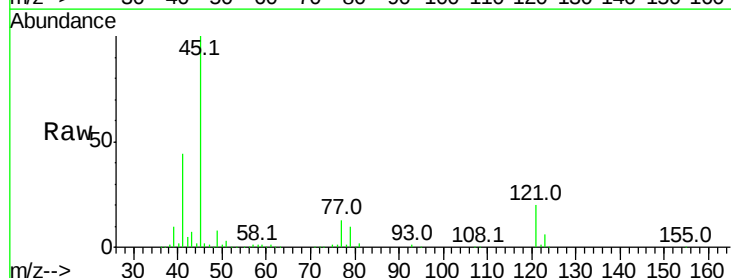
Tgt Ion: 45 Resp: 420030

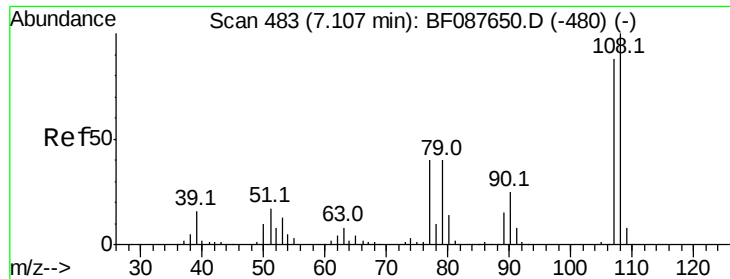
Ion Ratio Lower Upper

45 100

77 13.3 0.0 32.5

79 10.5 0.0 29.5





#17

2-Methylphenol

Concen: 41.07 ng

RT: 7.12 min Scan# 484

Delta R.T. 0.01 min

Lab File: BF087671.D

Acq: 4 Jun 2016 17:45

Instrument :

BNA_F

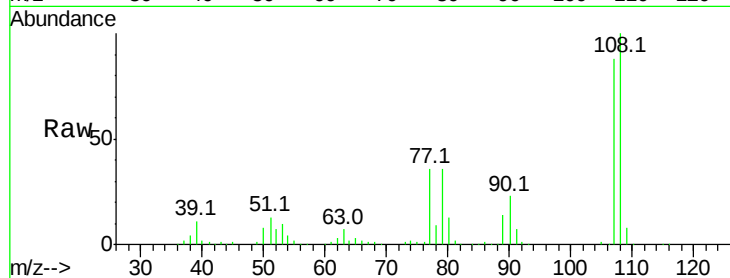
ClientSampleId :

PB91024BS

Tot Ion	Ratio	Resp	Lower	Upper
107	100	288033		
108	113.1	90.9	136.3	
77	40.6	36.6	55.0	
79	40.4	36.5	54.7	

Manual Integrations
APPROVED

SOHIL
6/6/2016 7:18:20 PM

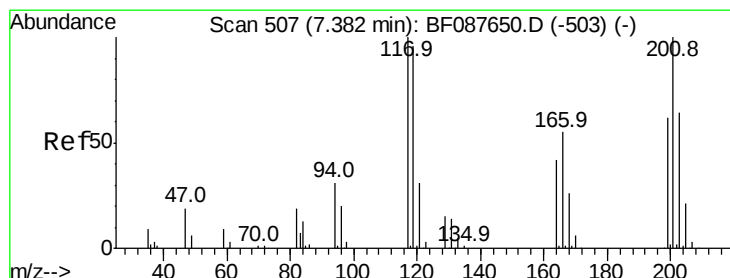
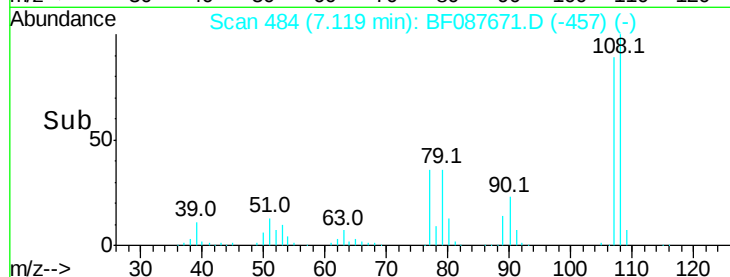
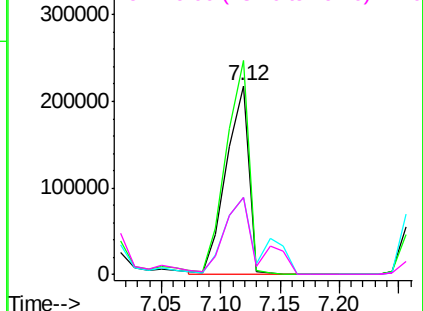


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#18

Hexachloroethane

Concen: 39.10 ng

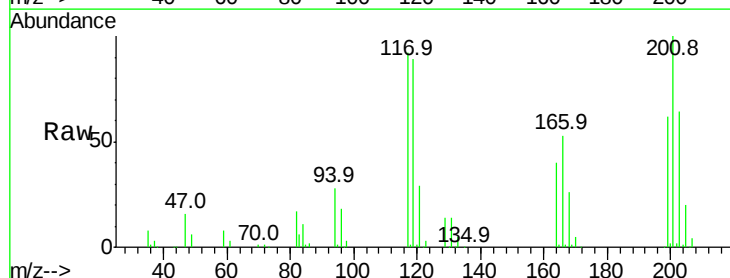
RT: 7.38 min Scan# 507

Delta R.T. -0.00 min

Lab File: BF087671.D

Acq: 4 Jun 2016 17:45

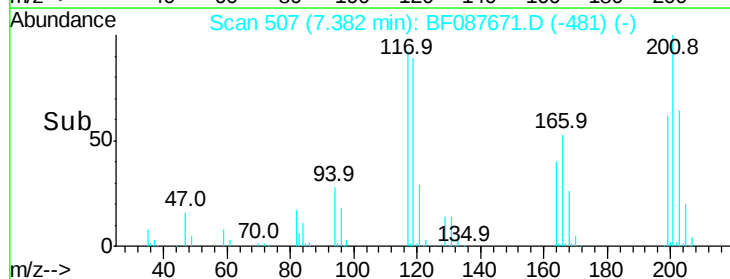
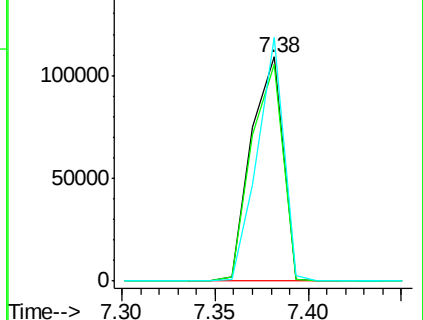
Tgt Ion	Ratio	Resp	Lower	Upper
117	100	128304		
119	96.5	77.4	116.2	
201	108.7	80.4	120.6	

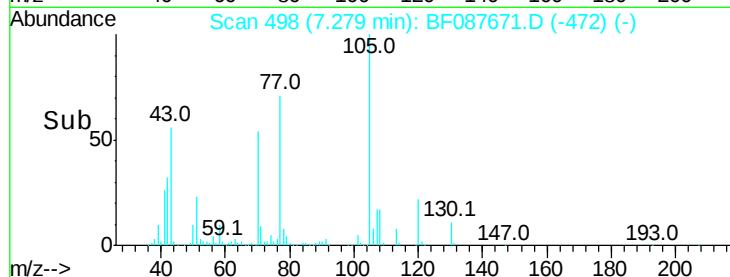
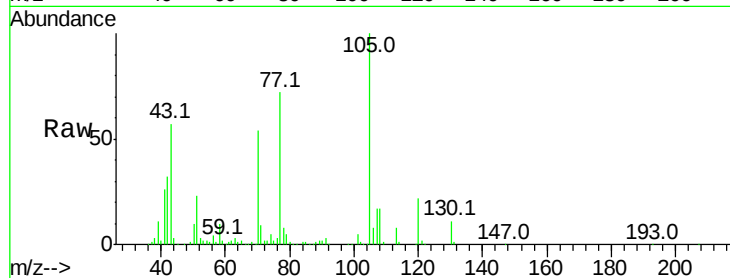
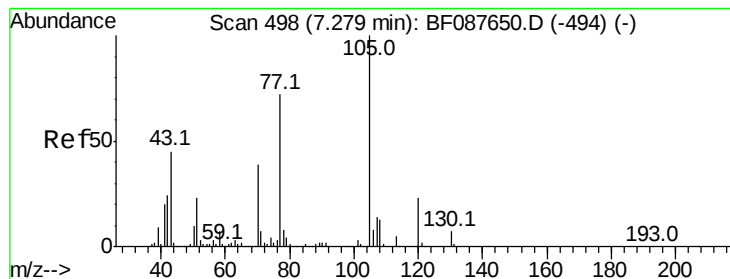


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 35.46 ng

RT: 7.28 min Scan# 498

Delta R.T. -0.00 min

Lab File: BF087671.D

Acq: 4 Jun 2016 17:45

Instrument :

BNA_F

ClientSampleId :

PB91024BS

Tot Ion: 70 Resp: 210863

Ion Ratio Lower Upper

70 100

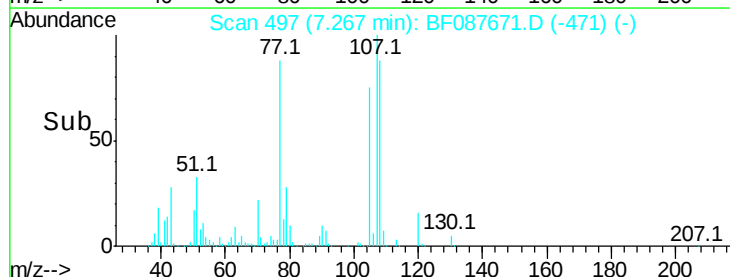
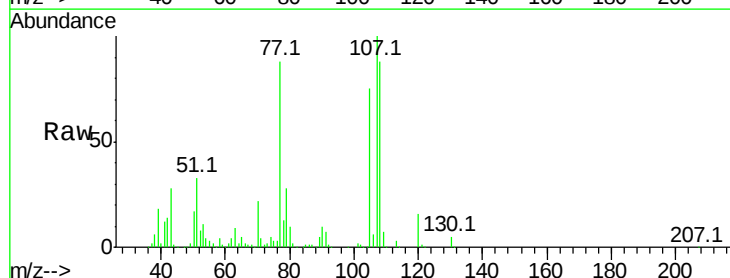
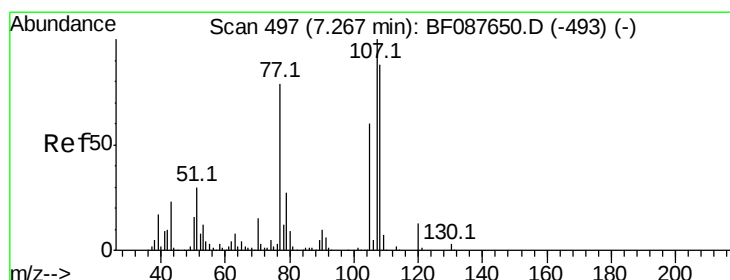
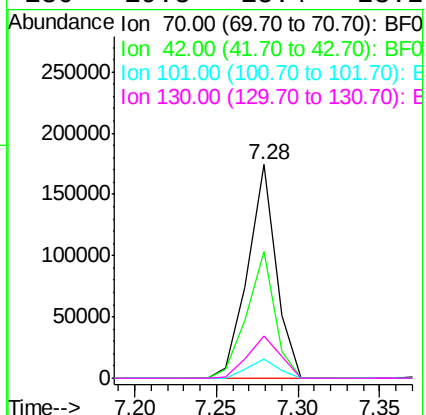
42 59.4 49.6 74.4

101 8.8 7.1 10.7

130 19.8 15.4 23.2

Manual Integrations
APPROVED

SOHIL
6/6/2016 7:18:20 PM



#20

3+4-Methylphenols

Concen: 36.69 ng

RT: 7.27 min Scan# 497

Delta R.T. -0.00 min

Lab File: BF087671.D

Acq: 4 Jun 2016 17:45

Tgt Ion: 107 Resp: 315335

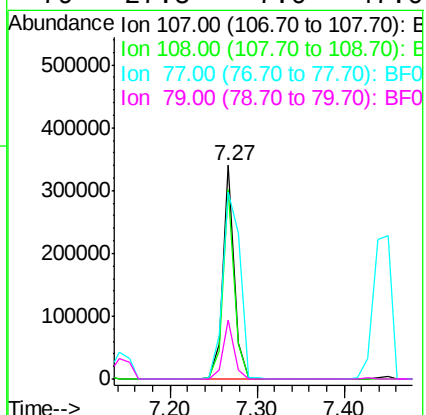
Ion Ratio Lower Upper

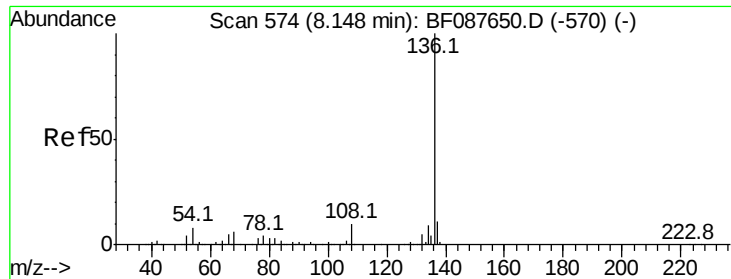
107 100

108 88.5 67.8 107.8

77 87.6 59.3 99.3

79 27.5 7.0 47.0





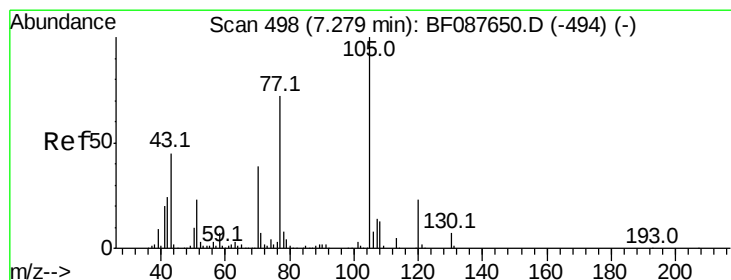
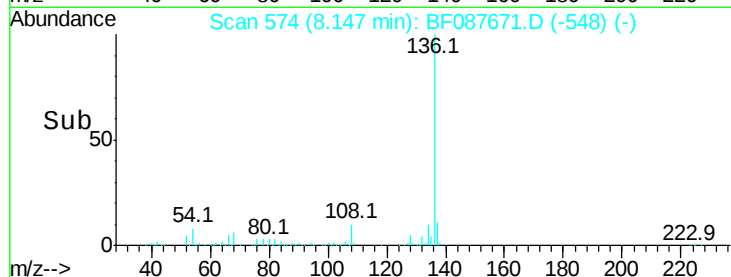
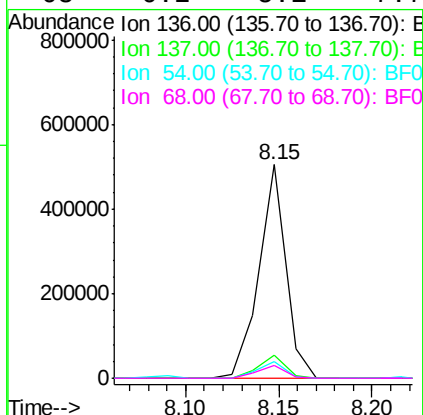
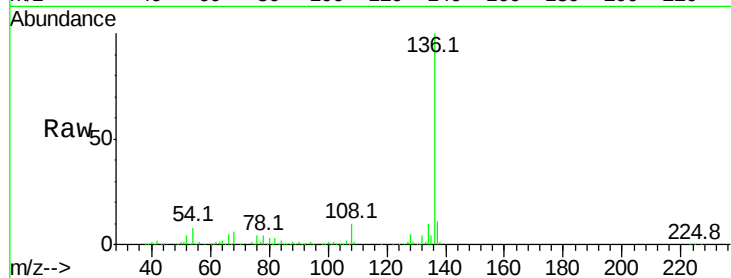
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.15 min Scan# 574
Delta R.T. -0.00 min
Lab File: BF087671.D
Acq: 4 Jun 2016 17:45

Instrument :
BNA_F
ClientSampleId :
PB91024BS

Tot Ion	Ratio	Resp Lower	Upper
136	100		
137	11.1	9.1	13.7
54	7.9	6.6	10.0
68	6.2	5.1	7.7

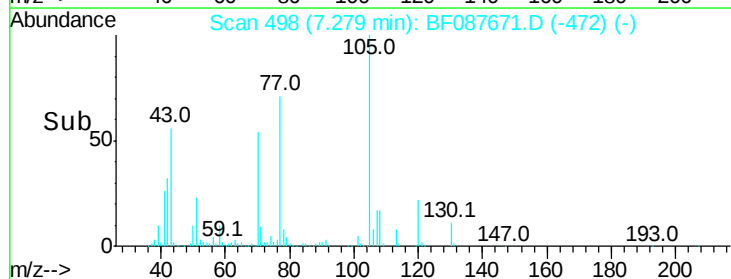
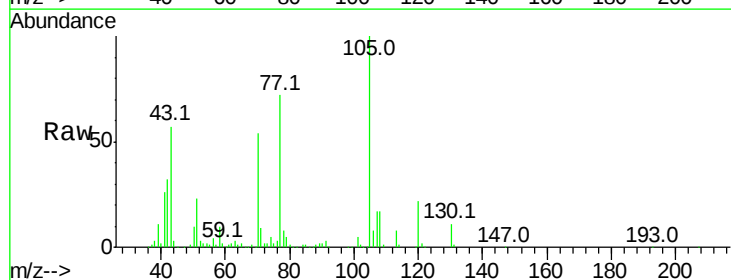
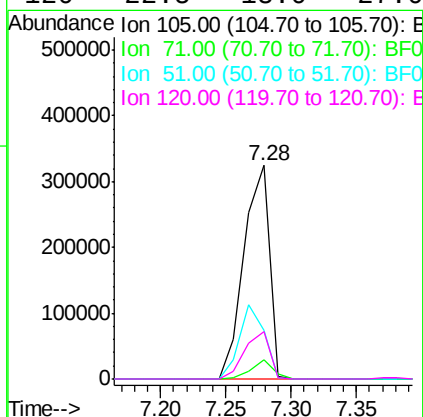
Manual Integrations
APPROVED

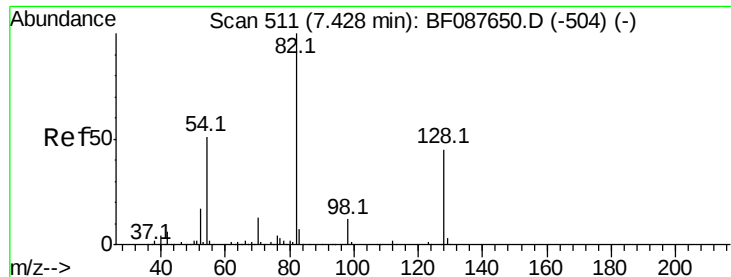
SOHIL
6/6/2016 7:18:20 PM



#22
Acetophenone
Concen: 38.82 ng
RT: 7.28 min Scan# 498
Delta R.T. -0.00 min
Lab File: BF087671.D
Acq: 4 Jun 2016 17:45

Tgt Ion	Ratio	Resp Lower	Upper
105	100		
71	8.9	5.3	7.9#
51	23.0	18.2	27.4
120	22.5	18.0	27.0





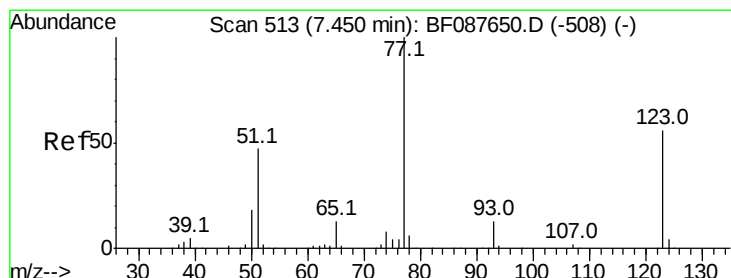
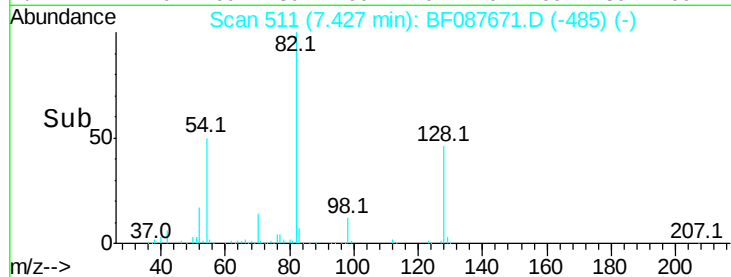
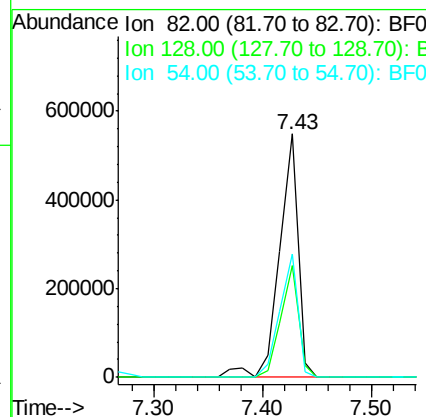
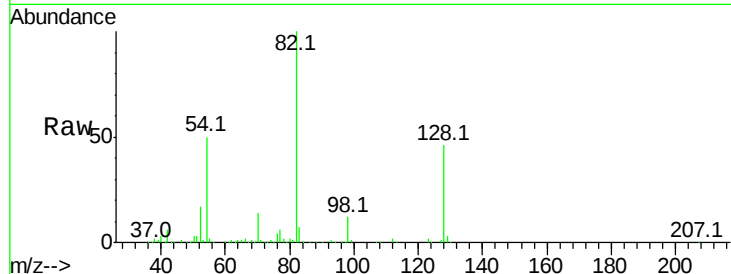
#23
Nitrobenzene-d5
Concen: 75.44 ng
RT: 7.43 min Scan# 511
Delta R.T. -0.00 min
Lab File: BF087671.D
Acq: 4 Jun 2016 17:45

Instrument :
BNA_F
ClientSampleId :
PB91024BS

Tot Ion	Ratio	Resp	Lower	Upper
82	100	655993		
128	46.1	35.9	53.9	
54	50.4	40.9	61.3	

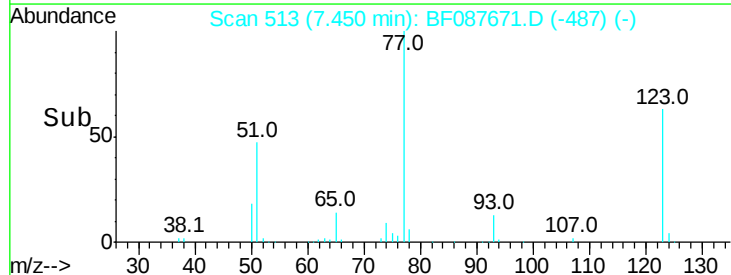
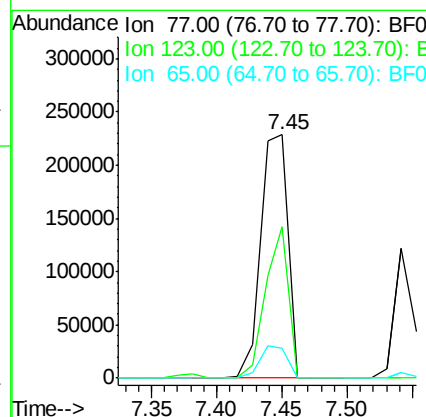
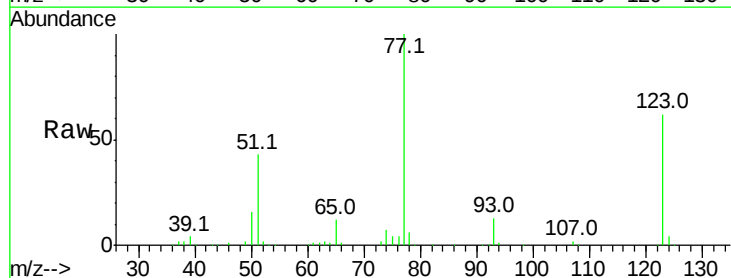
Manual Integrations
APPROVED

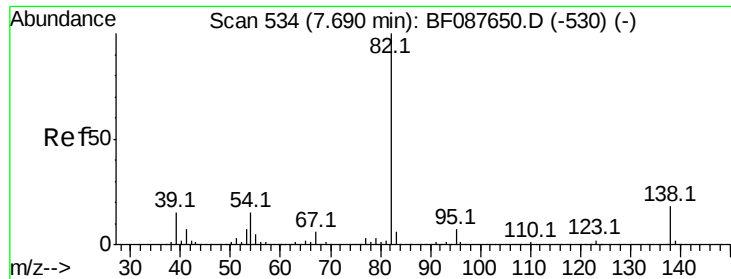
SOHIL
6/6/2016 7:18:20 PM



#24
Nitrobenzene
Concen: 38.30 ng
RT: 7.45 min Scan# 513
Delta R.T. -0.00 min
Lab File: BF087671.D
Acq: 4 Jun 2016 17:45

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	333326		
123	62.2	45.0	67.4	
65	12.2	10.2	15.2	





#25

Isophorone

Concen: 38.94 ng

RT: 7.69 min Scan# 534

Delta R.T. -0.00 min

Lab File: BF087671.D

Acq: 4 Jun 2016 17:45

Instrument :

BNA_F

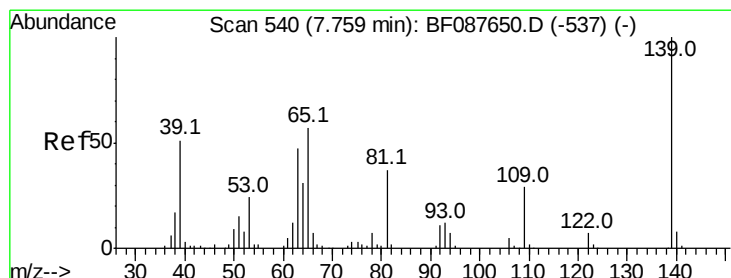
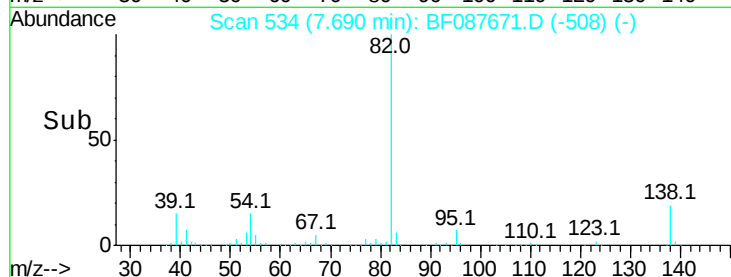
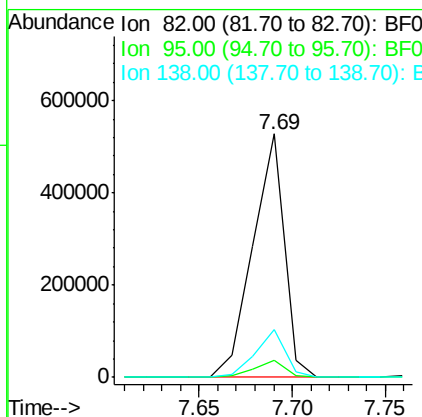
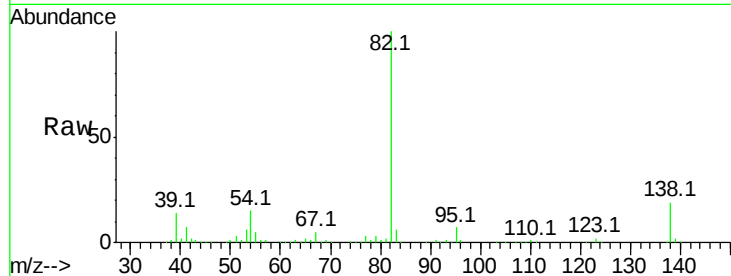
ClientSampleId :

PB91024BS

Tot Ion:	82	Resp:	616381
Ion Ratio	Lower	Upper	
82	100		
95	7.1	5.4	8.2
138	19.4	14.6	21.8

Manual Integrations
APPROVED

SOHIL
6/6/2016 7:18:20 PM



#26

2-Nitrophenol

Concen: 38.81 ng

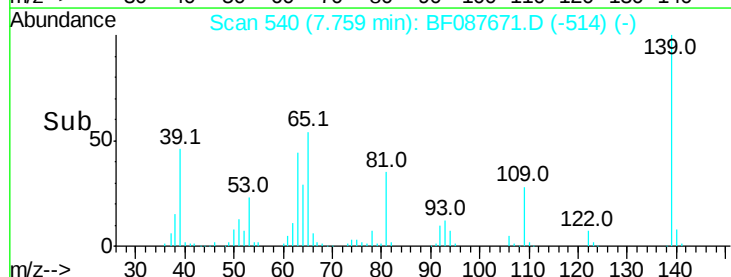
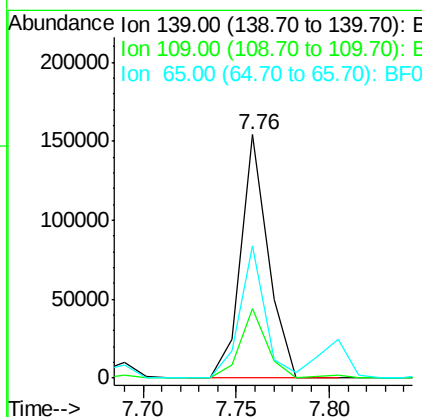
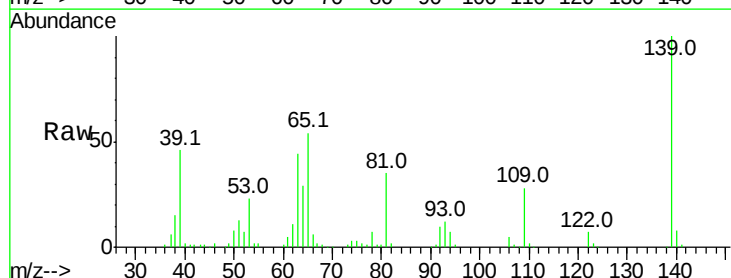
RT: 7.76 min Scan# 540

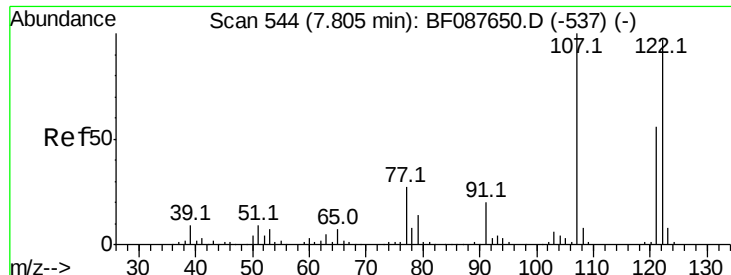
Delta R.T. -0.00 min

Lab File: BF087671.D

Acq: 4 Jun 2016 17:45

Tgt Ion:	139	Resp:	156957
Ion Ratio	Lower	Upper	
139	100		
109	28.3	23.0	34.4
65	54.1	45.8	68.8





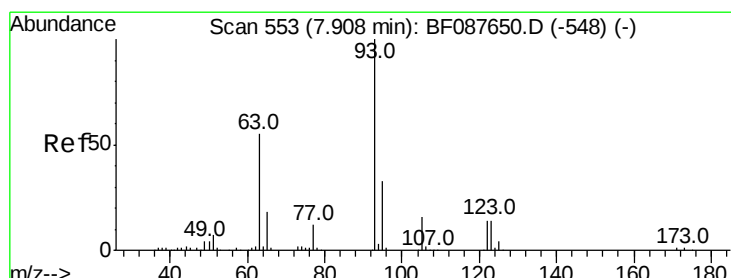
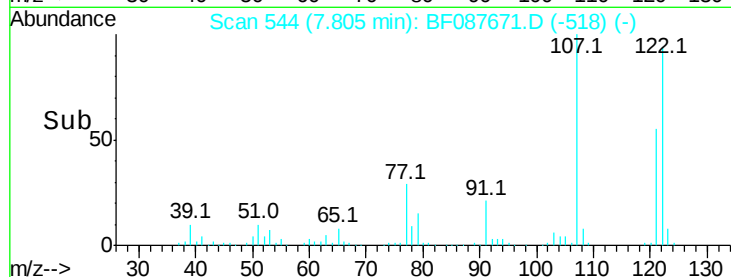
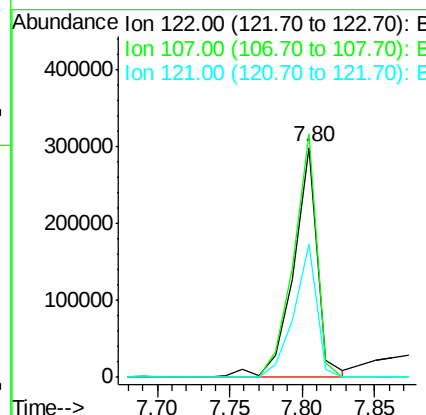
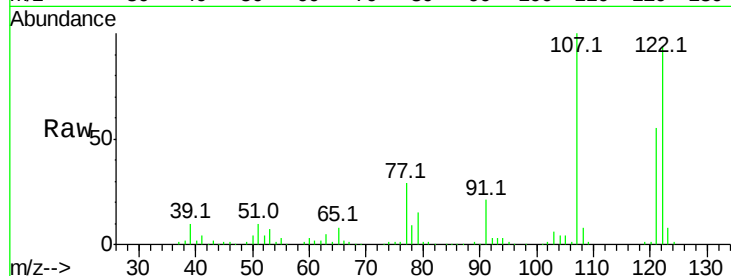
#27
2,4-Dimethylphenol
Concen: 40.90 ng
RT: 7.80 min Scan# 544
Delta R.T. -0.00 min
Lab File: BF087671.D
Acq: 4 Jun 2016 17:45

Instrument :
BNA_F
ClientSampleId :
PB91024BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
342754	122	100			
	107	106.1	82.4	123.6	
	121	58.4	46.3	69.5	

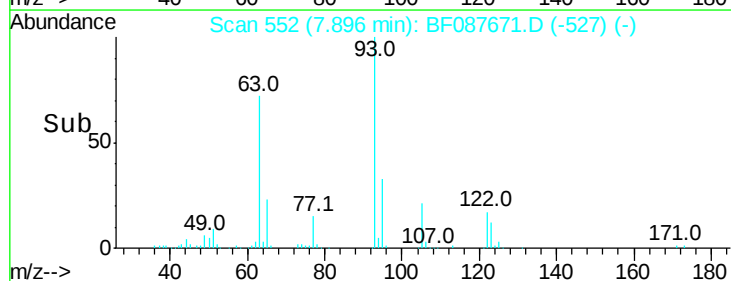
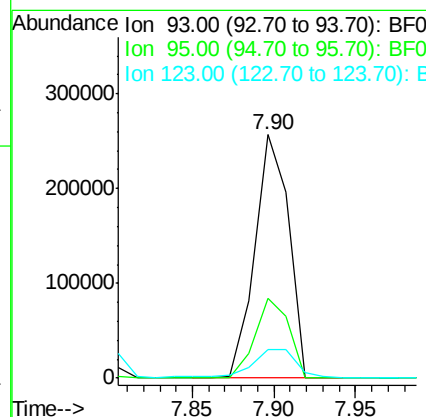
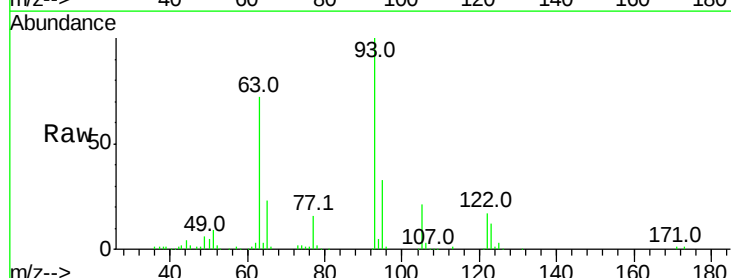
Manual Integrations
APPROVED

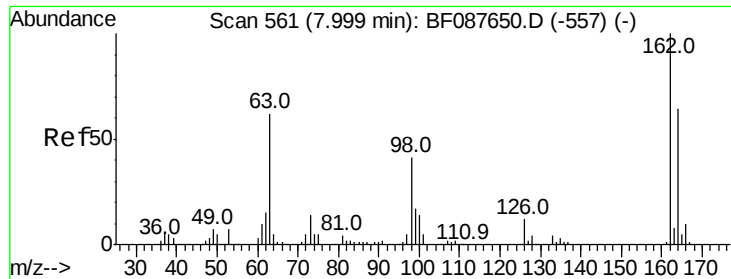
SOHIL
6/6/2016 7:18:20 PM



#28
bis(2-Chloroethoxy)methane
Concen: 36.77 ng
RT: 7.90 min Scan# 552
Delta R.T. -0.01 min
Lab File: BF087671.D
Acq: 4 Jun 2016 17:45

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
369251	93	100			
	95	32.8	26.5	39.7	
	123	11.9	11.6	17.4	





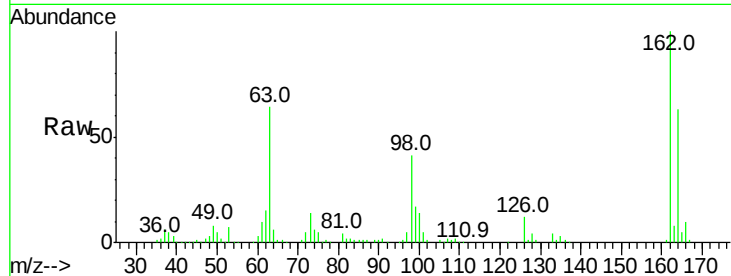
#29
 2,4-Dichlorophenol
 Concen: 38.12 ng
 RT: 8.00 min Scan# 561
 Delta R.T. -0.00 min
 Lab File: BF087671.D
 Acq: 4 Jun 2016 17:45

Instrument :
 BNA_F
 ClientSampleId :
 PB91024BS

Tot Ion	Ratio	Resp Lower	Resp Upper
162	100		
164	63.5	43.8	83.8
98	41.4	21.3	61.3

Manual Integrations
 APPROVED

SOHIL
 6/6/2016 7:18:20 PM

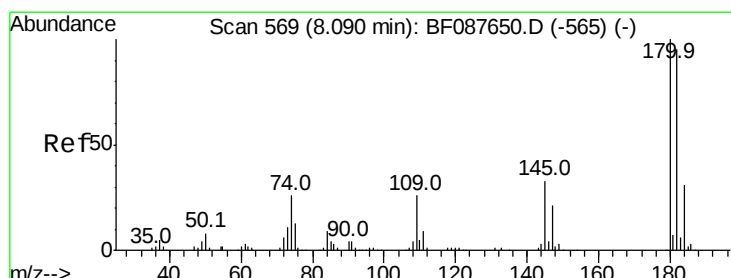
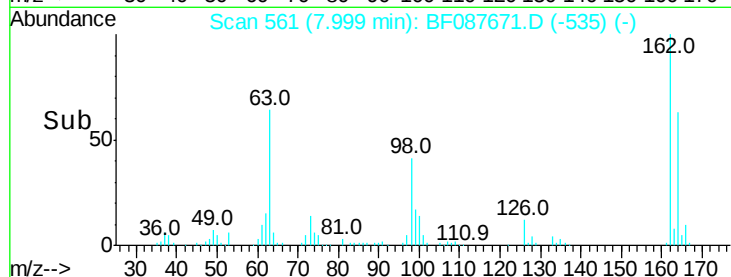
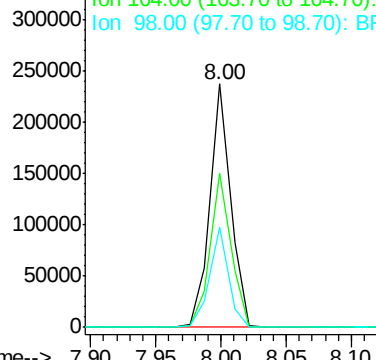


Abundance

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: 39.77 ng
 RT: 8.09 min Scan# 569
 Delta R.T. -0.00 min
 Lab File: BF087671.D
 Acq: 4 Jun 2016 17:45

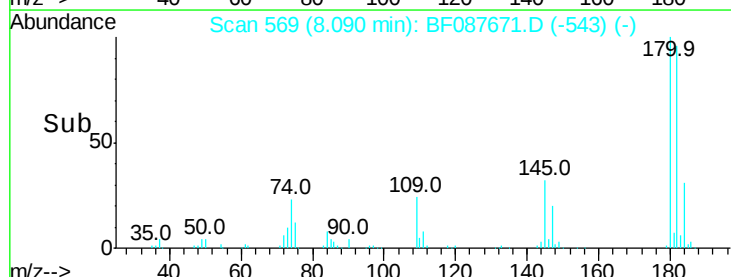
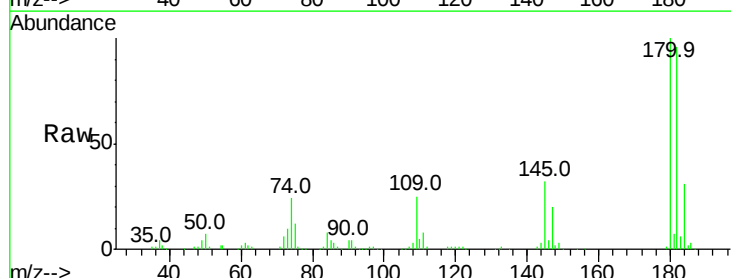
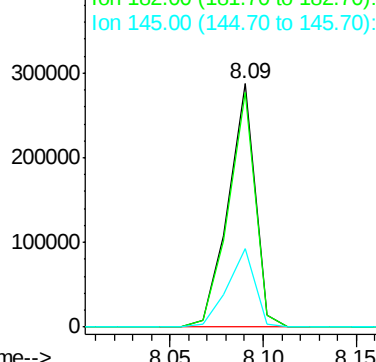
Tgt Ion	Ratio	Resp Lower	Resp Upper
180	100		
182	96.3	76.0	114.0
145	32.1	26.5	39.7

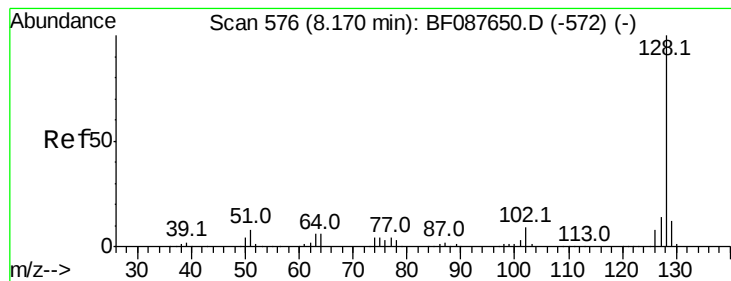
Abundance

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: 39.78 ng

RT: 8.17 min Scan# 576

Delta R.T. -0.00 min

Lab File: BF087671.D

Acq: 4 Jun 2016 17:45

Instrument :

BNA_F

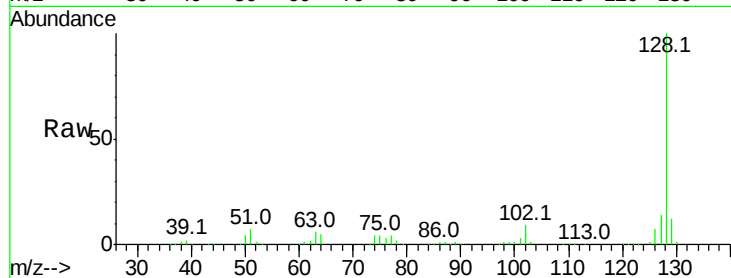
ClientSampleId :

PB91024BS

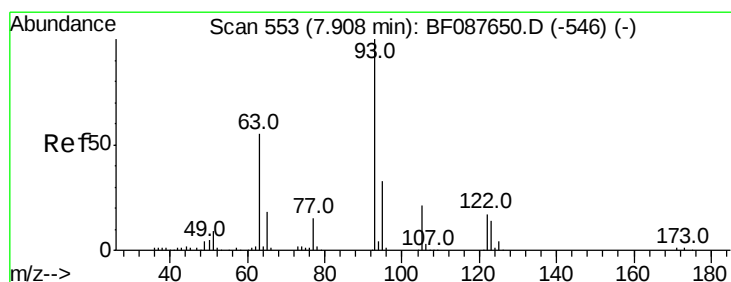
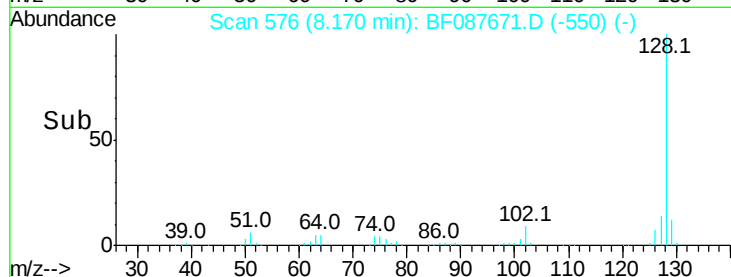
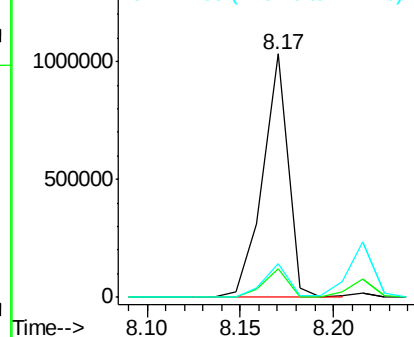
Tot Ion:	128	Resp:	973005
Ion Ratio	Lower	Upper	
128	100		
129	11.5	9.4	14.2
127	13.6	10.9	16.3

Manual Integrations
APPROVED

SOHIL
6/6/2016 7:18:20 PM



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 42.49 ng

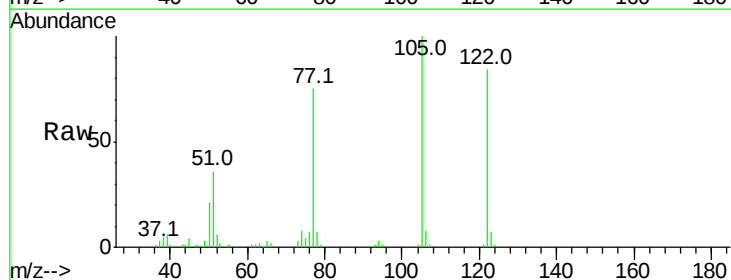
RT: 7.92 min Scan# 554

Delta R.T. 0.01 min

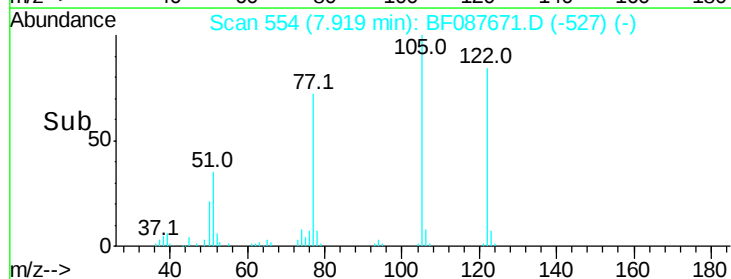
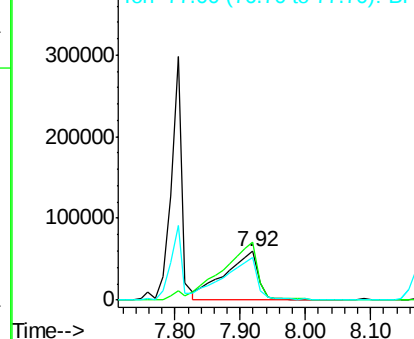
Lab File: BF087671.D

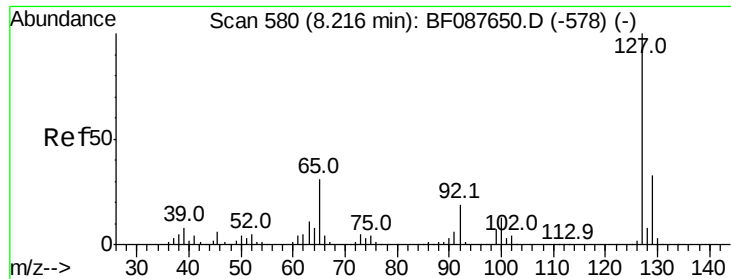
Acq: 4 Jun 2016 17:45

Tgt Ion:	122	Resp:	214828
Ion Ratio	Lower	Upper	
122	100		
105	119.3	101.6	141.6
77	88.9	70.6	110.6



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF0





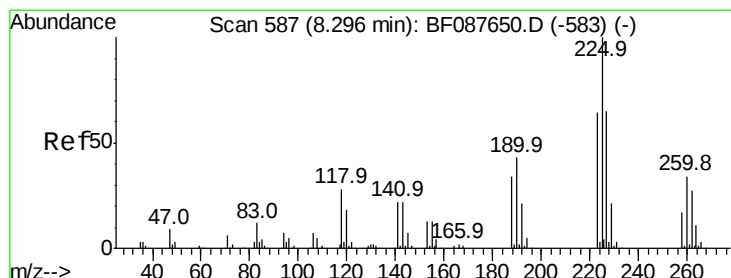
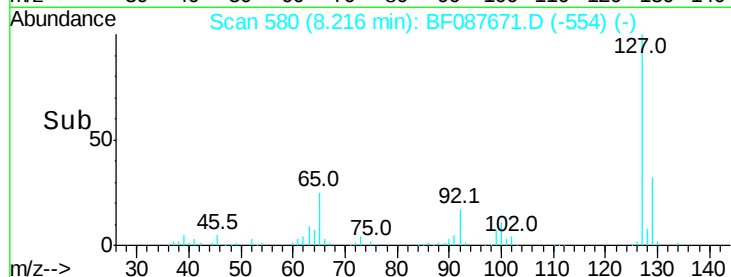
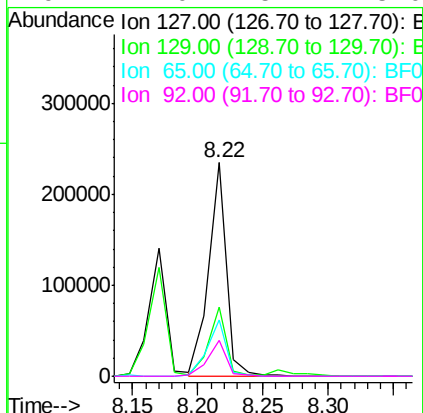
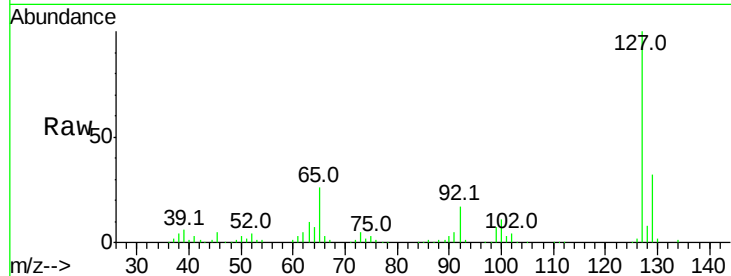
#33
4-Chloroaniline
Concen: 21.08 ng
RT: 8.22 min Scan# 580
Delta R.T. -0.00 min
Lab File: BF087671.D
Acq: 4 Jun 2016 17:45

Instrument :
BNA_F
ClientSampleId :
PB91024BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100		224021		
129	32.4	26.3	39.5		
65	26.4	24.7	37.1		
92	17.0	15.4	23.0		

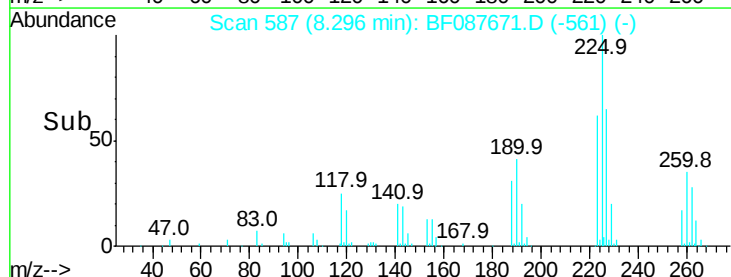
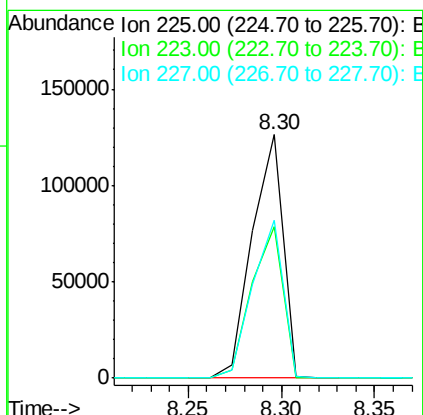
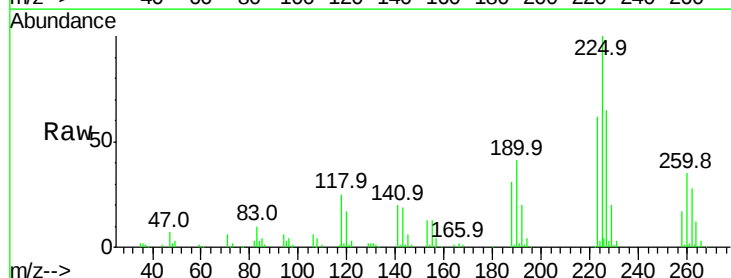
Manual Integrations
APPROVED

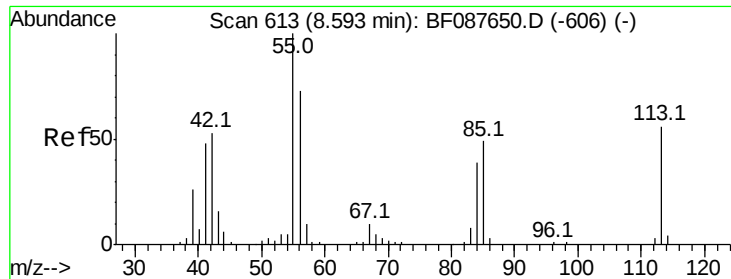
SOHIL
6/6/2016 7:18:20 PM



#34
Hexachlorobutadiene
Concen: 38.51 ng
RT: 8.30 min Scan# 587
Delta R.T. -0.00 min
Lab File: BF087671.D
Acq: 4 Jun 2016 17:45

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100		144298		
223	62.4	50.9	76.3		
227	64.7	51.9	77.9		





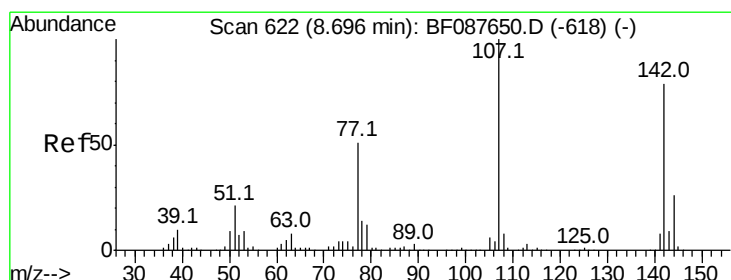
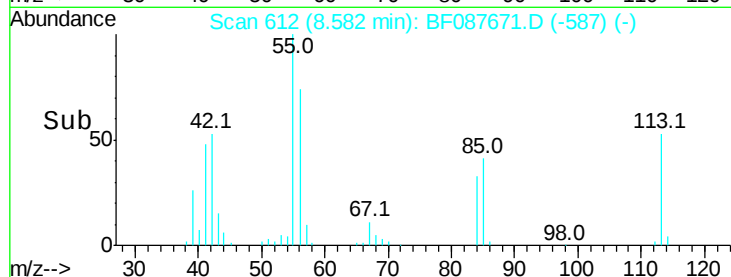
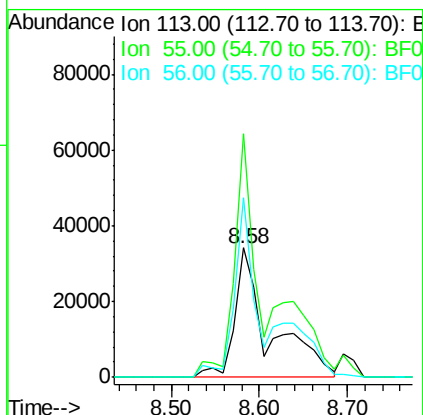
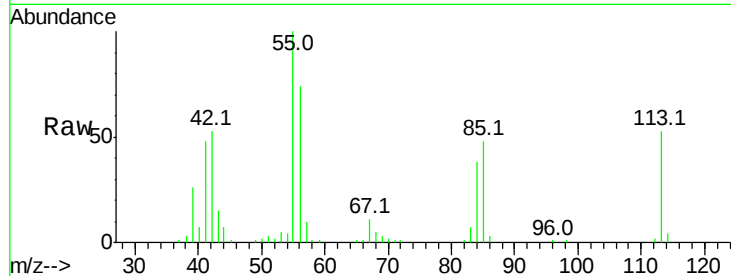
#35
Caprolactam
Concen: 41.11 ng/ml
RT: 8.58 min Scan# 612
Delta R.T. -0.01 min
Lab File: BF087671.D
Acq: 4 Jun 2016 17:45

Instrument :
BNA_F
ClientSampleId :
PB91024BS

Tot Ion:113 Resp: 92955
Ion Ratio Lower Upper
113 100
55 188.4 158.6 198.6
56 138.8 110.6 150.6

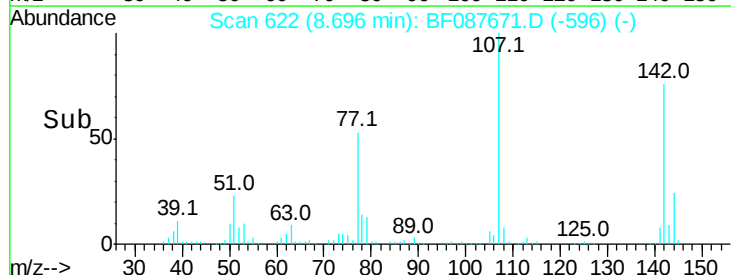
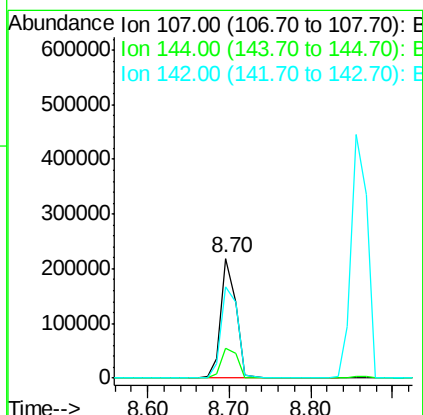
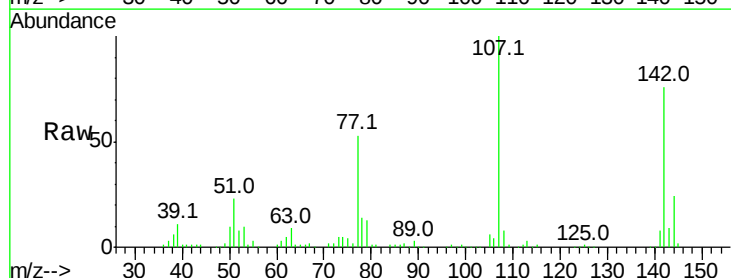
Manual Integrations
APPROVED

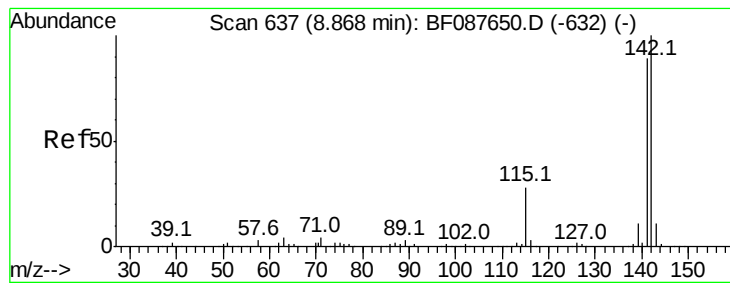
SOHIL
6/6/2016 7:18:20 PM



#36
4-Chloro-3-methylphenol
Concen: 39.44 ng/ml
RT: 8.70 min Scan# 622
Delta R.T. -0.00 min
Lab File: BF087671.D
Acq: 4 Jun 2016 17:45

Tgt Ion:107 Resp: 280808
Ion Ratio Lower Upper
107 100
144 24.5 20.8 31.2
142 76.0 63.4 95.2





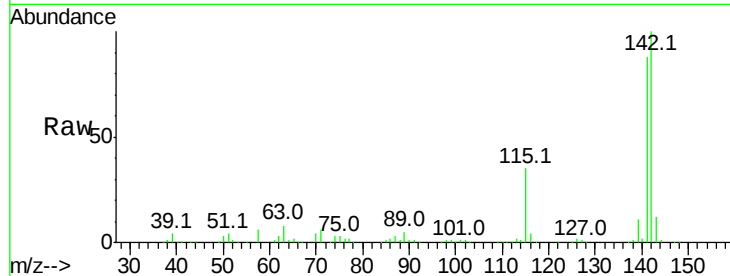
#37
 2-Methylnaphthalene
 Concen: 37.37 ng
 RT: 8.86 min Scan# 636
 Delta R.T. -0.01 min
 Lab File: BF087671.D
 Acq: 4 Jun 2016 17:45

Instrument :
 BNA_F
 ClientSampleId :
 PB91024BS

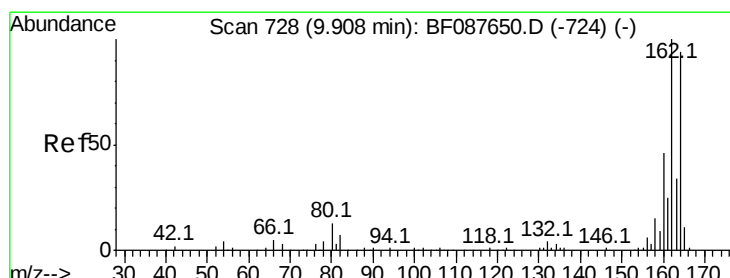
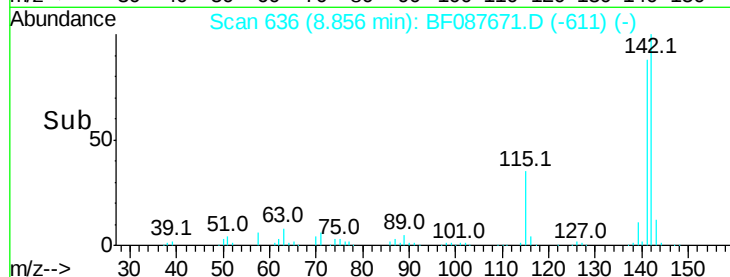
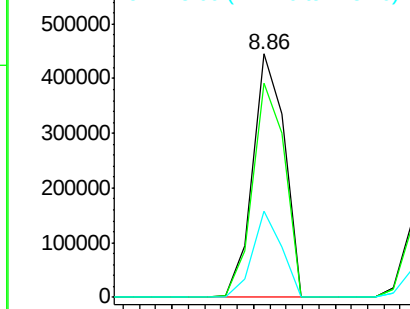
Tot Ion	Ratio	Lower	Upper
142	100		
141	87.9	71.0	106.6
115	35.1	22.6	33.8#

Manual Integrations
 APPROVED

SOHIL
 6/6/2016 7:18:20 PM

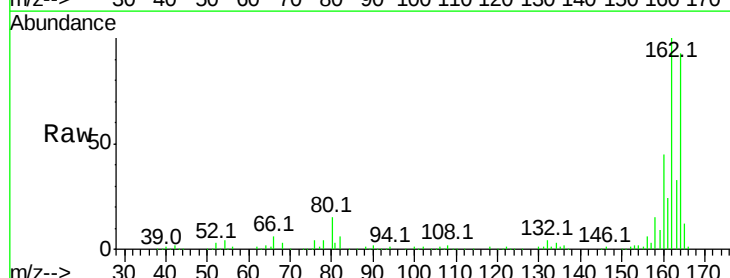


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

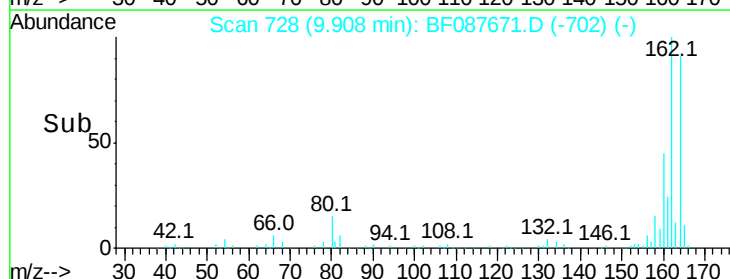
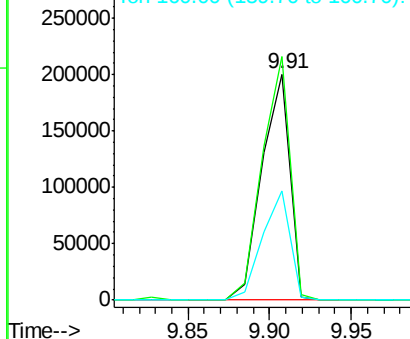


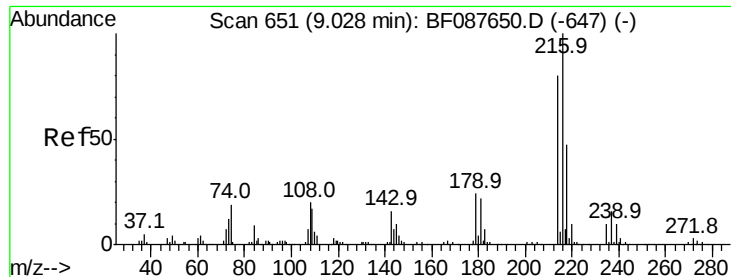
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.91 min Scan# 728
 Delta R.T. -0.00 min
 Lab File: BF087671.D
 Acq: 4 Jun 2016 17:45

Tgt Ion	Ratio	Lower	Upper
164	100		
162	107.6	85.4	128.2
160	48.5	39.5	59.3



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





#39

1,2,4,5-Tetrachlorobenzene

Concen: 37.19 ng

RT: 9.03 min Scan# 651

Delta R.T. 0.00 min

Lab File: BF087671.D

Acq: 4 Jun 2016 17:45

Instrument :

BNA_F

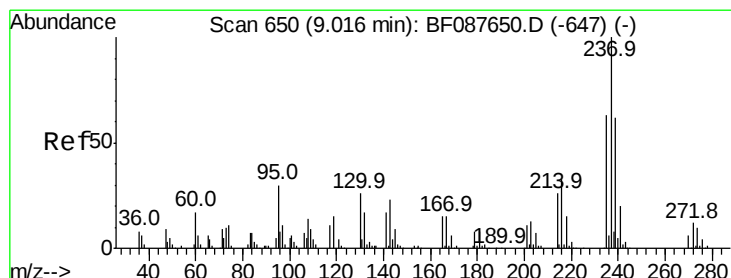
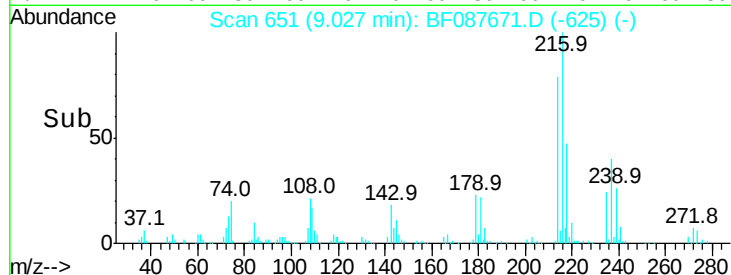
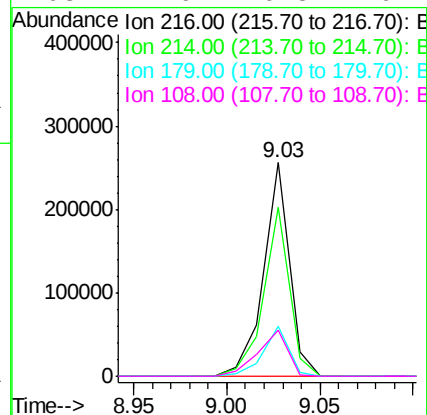
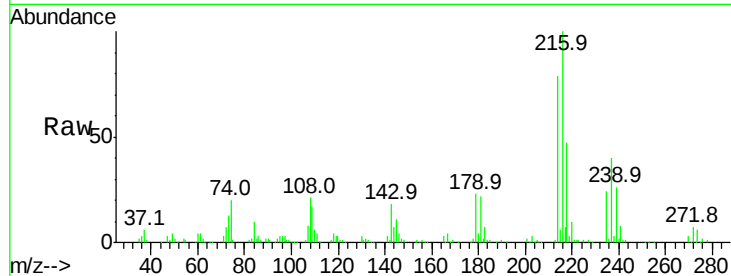
ClientSampleId :

PB91024BS

Tot Ion	Ratio	Resp Lower	Upper
216	100		
214	79.0	2.9	4.3#
179	22.8	0.0	0.0#
108	24.9	0.5	0.7#

Manual Integrations
APPROVED

SOHIL
6/6/2016 7:18:20 PM



#40

Hexachlorocyclopentadiene

Concen: 71.68 ng

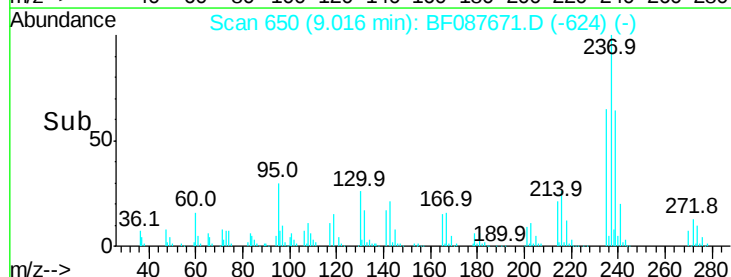
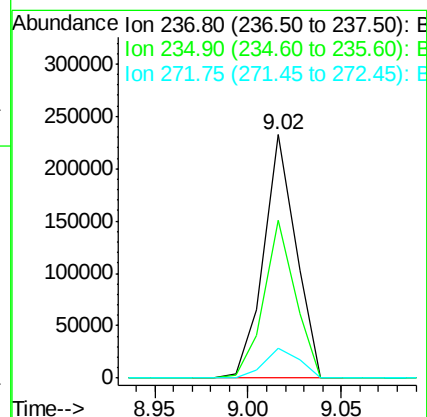
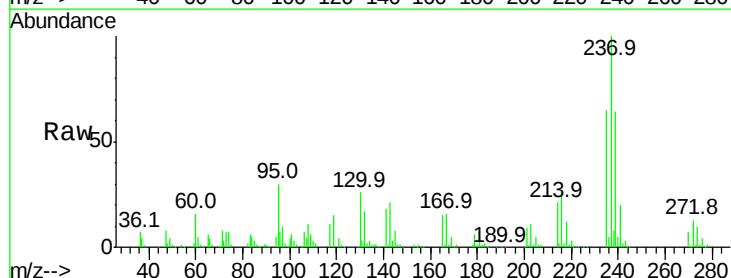
RT: 9.02 min Scan# 650

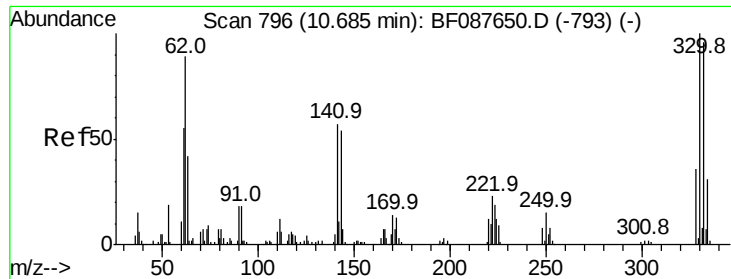
Delta R.T. -0.00 min

Lab File: BF087671.D

Acq: 4 Jun 2016 17:45

Tgt Ion	Ratio	Resp Lower	Upper
237	100		
235	65.0	43.4	83.4
272	12.5	0.0	32.3





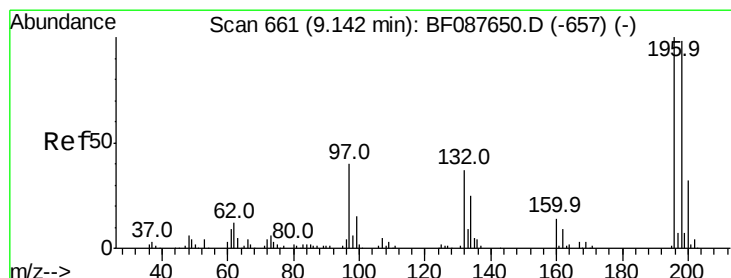
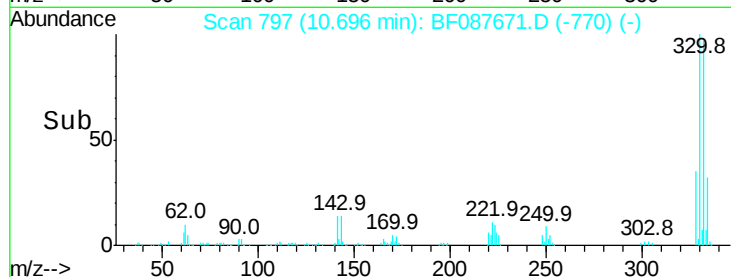
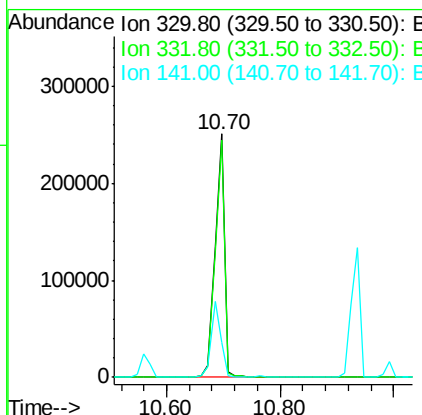
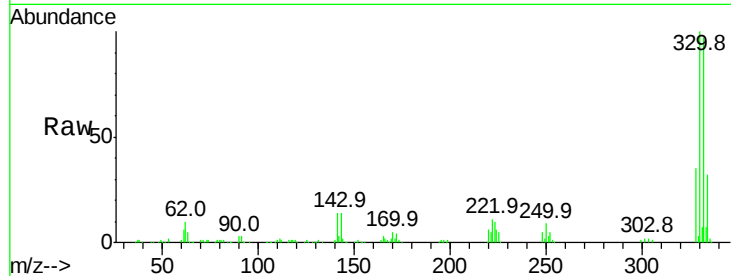
#41
 2,4,6-Tribromophenol
 Concen: 118.75 ng
 RT: 10.70 min Scan# 797
 Delta R.T. 0.01 min
 Lab File: BF087671.D
 Acq: 4 Jun 2016 17:45

Instrument :
 BNA_F
 ClientSampleId :
 PB91024BS

Tot Ion	Ratio	Resp	Lower	Upper
330	100			
332	96.7	0.0	0.0	0.0
141	31.1	0.0	0.0	0.0

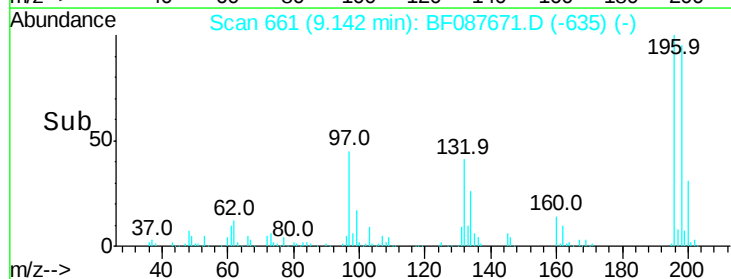
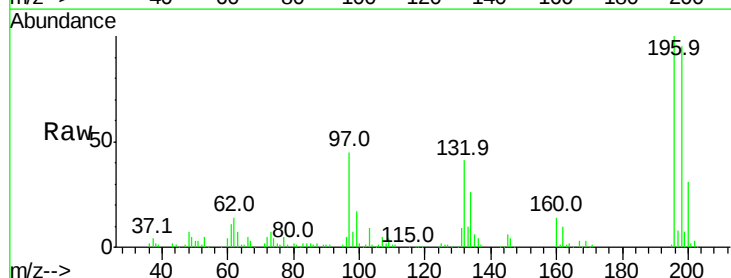
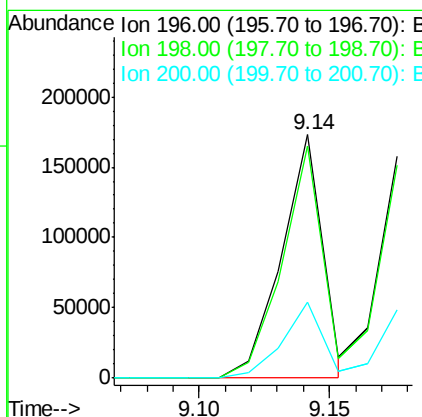
Manual Integrations
 APPROVED

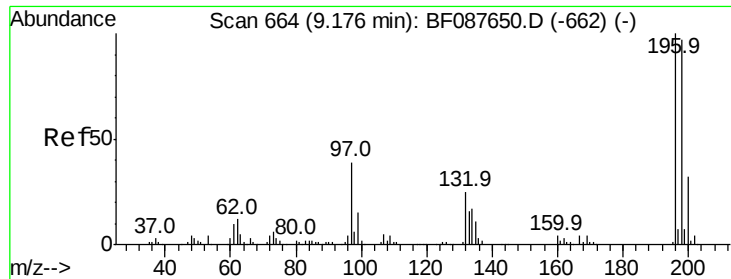
SOHIL
 6/6/2016 7:18:20 PM



#42
 2,4,6-Trichlorophenol
 Concen: 37.92 ng
 RT: 9.14 min Scan# 661
 Delta R.T. -0.00 min
 Lab File: BF087671.D
 Acq: 4 Jun 2016 17:45

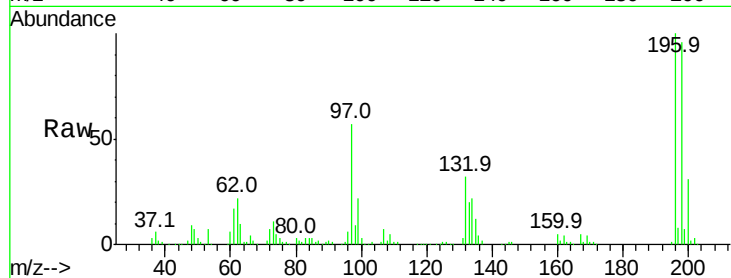
Tgt Ion	Ratio	Resp	Lower	Upper
196	100			
198	95.2	78.0	117.0	
200	31.0	25.4	38.2	





#43
 2,4,5-Trichlorophenol
 Concen: 41.91 ng
 RT: 9.18 min Scan# 664
 Delta R.T. -0.00 min
 Lab File: BF087671.D
 Acq: 4 Jun 2016 17:45

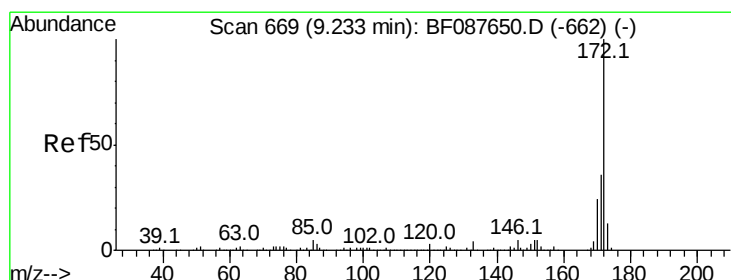
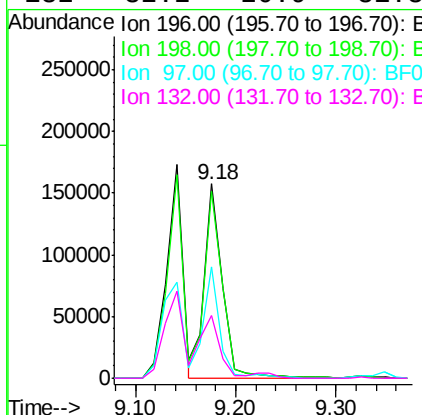
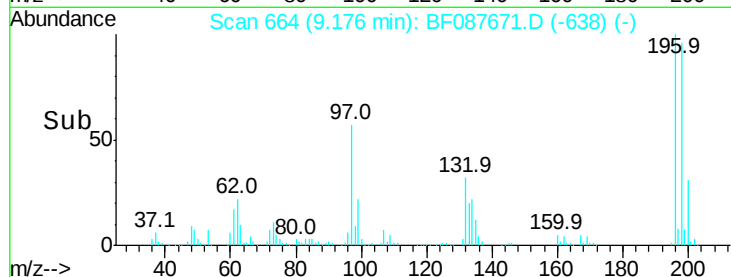
Instrument :
 BNA_F
 ClientSampleId :
 PB91024BS



Tot Ion	Ratio	Resp	Lower	Upper
196	100	194218		
198	96.3	77.5	116.3	
97	57.2	32.0	48.0	#
132	32.2	20.9	31.3	#

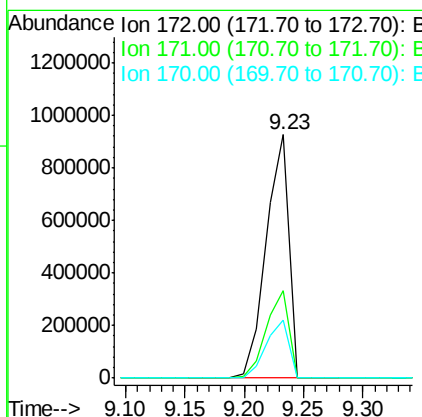
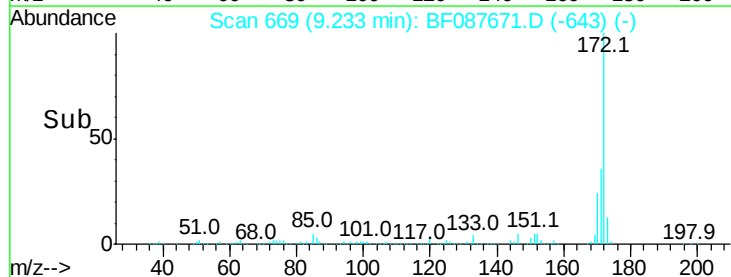
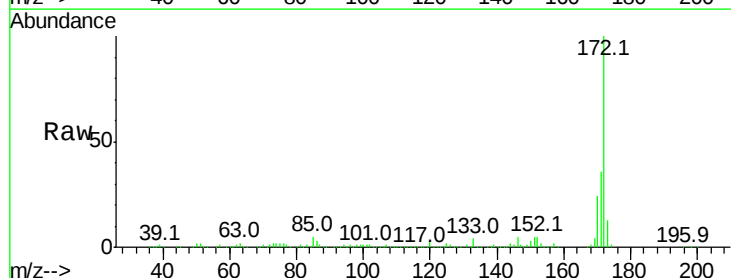
Manual Integrations
 APPROVED

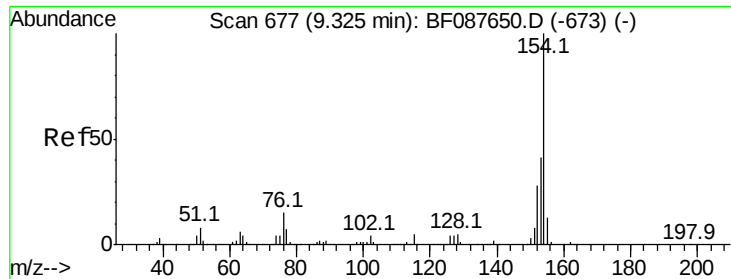
SOHIL
 6/6/2016 7:18:20 PM



#44
 2-Fluorobiphenyl
 Concen: 76.89 ng
 RT: 9.23 min Scan# 669
 Delta R.T. 0.00 min
 Lab File: BF087671.D
 Acq: 4 Jun 2016 17:45

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1235530		
171	35.7	28.6	43.0	
170	24.0	19.2	28.8	





#45

1,1'-Biphenyl

Concen: 35.54 ng

RT: 9.32 min Scan# 677

Delta R.T. 0.00 min

Lab File: BF087671.D

Acq: 4 Jun 2016 17:45

Instrument :

BNA_F

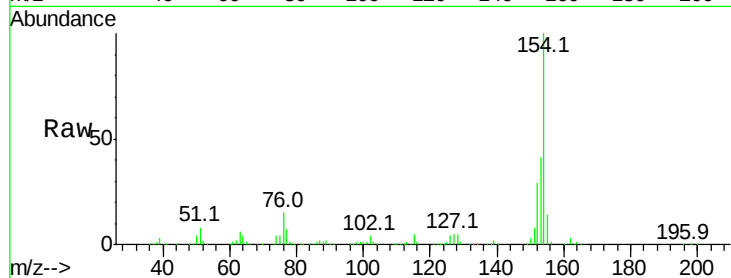
ClientSampleId :

PB91024BS

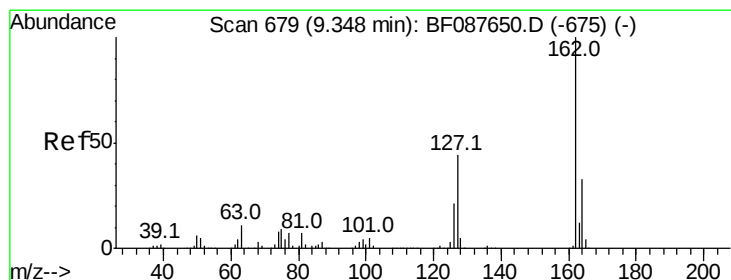
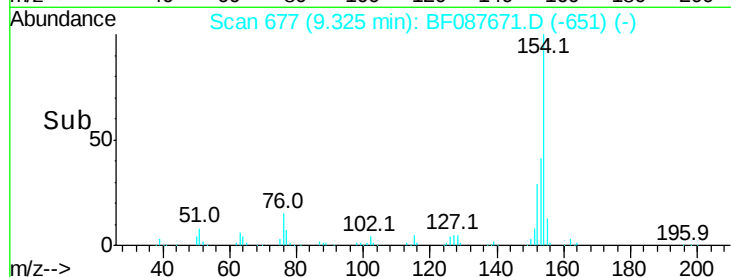
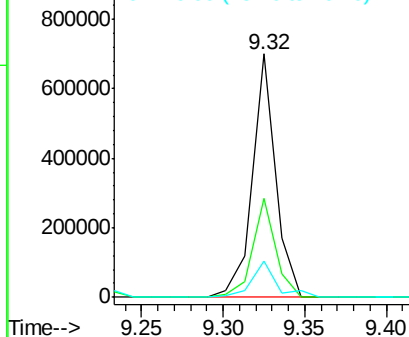
Tot Ion:	154	Resp:	689938
Ion Ratio	Lower	Upper	
154	100		
153	40.7	20.6	60.6
76	14.9	0.0	35.1

Manual Integrations
APPROVED

SOHIL
6/6/2016 7:18:20 PM



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



#46

2-Chloronaphthalene

Concen: 36.52 ng

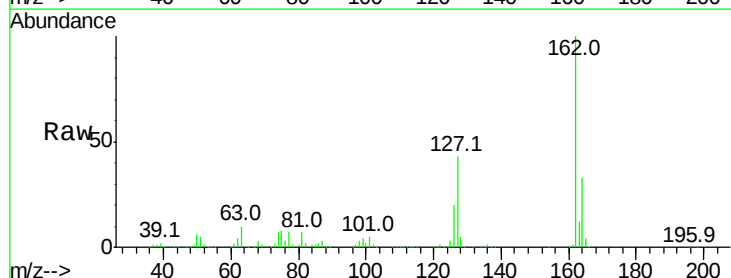
RT: 9.35 min Scan# 679

Delta R.T. -0.00 min

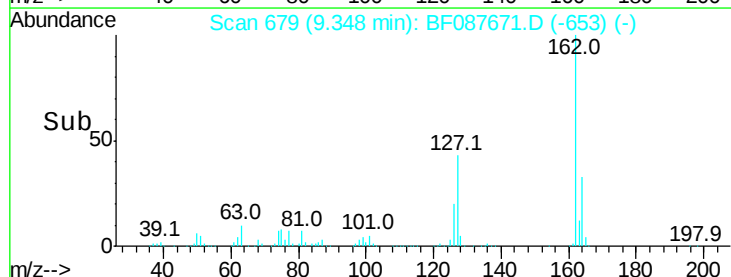
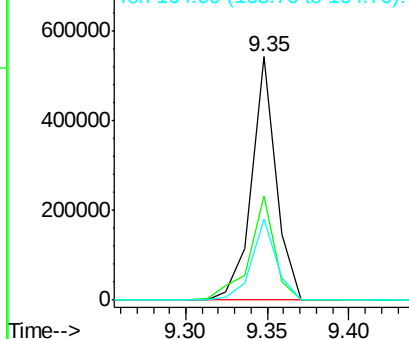
Lab File: BF087671.D

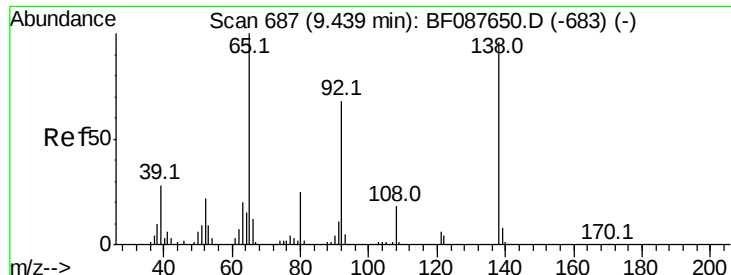
Acq: 4 Jun 2016 17:45

Tgt Ion:	162	Resp:	564350
Ion Ratio	Lower	Upper	
162	100		
127	42.9	35.2	52.8
164	33.0	26.6	39.8



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





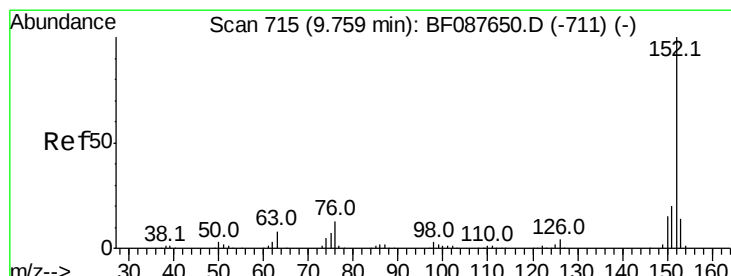
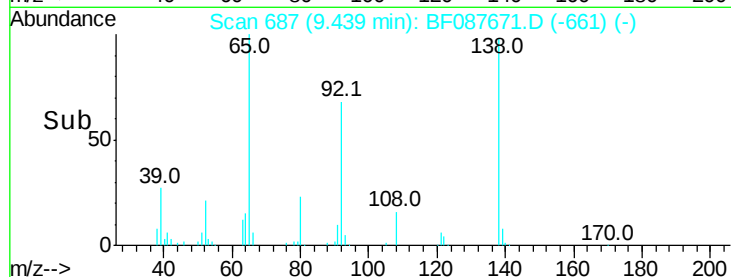
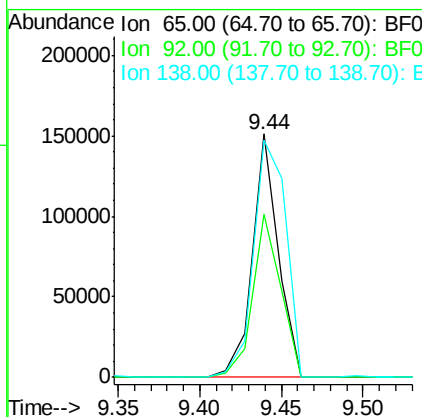
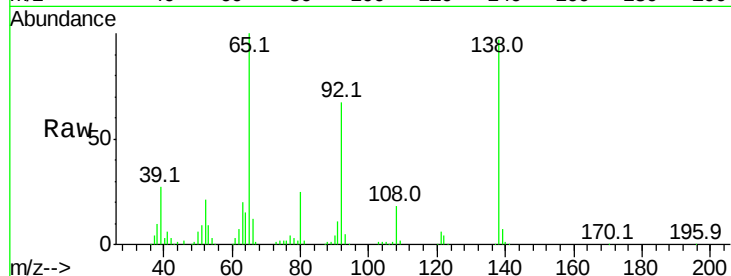
#47
2-Nitroaniline
Concen: 38.36 ng
RT: 9.44 min Scan# 687
Delta R.T. -0.00 min
Lab File: BF087671.D
Acq: 4 Jun 2016 17:45

Instrument :
BNA_F
ClientSampleId :
PB91024BS

Tot Ion	Ratio	Lower	Upper
65	100		
92	67.0	54.6	82.0
138	97.2	77.0	115.4

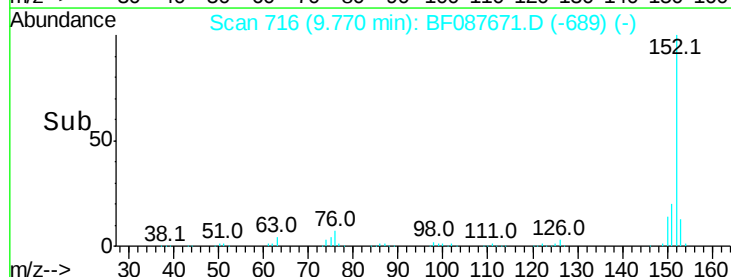
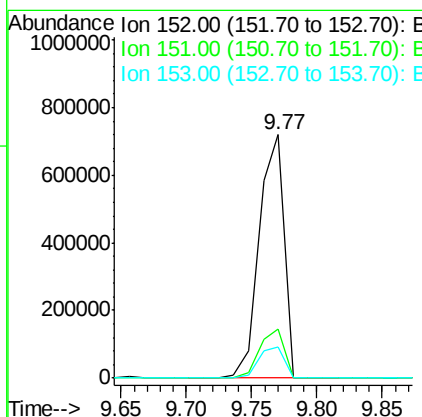
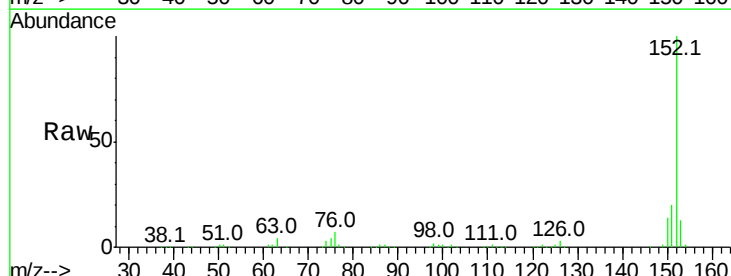
Manual Integrations
APPROVED

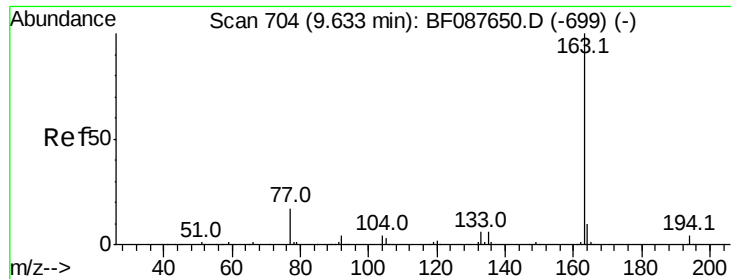
SOHIL
6/6/2016 7:18:20 PM



#48
Acenaphthylene
Concen: 39.77 ng
RT: 9.77 min Scan# 716
Delta R.T. 0.01 min
Lab File: BF087671.D
Acq: 4 Jun 2016 17:45

Tgt Ion	Ratio	Lower	Upper
152	100		
151	19.9	16.2	24.4
153	12.8	11.0	16.6





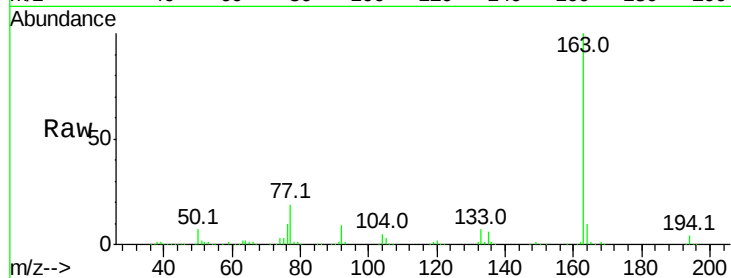
#49
Dimethylphthalate
Concen: 40.87 ng
RT: 9.63 min Scan# 704
Delta R.T. -0.00 min
Lab File: BF087671.D
Acq: 4 Jun 2016 17:45

Instrument :
BNA_F
ClientSampleId :
PB91024BS

Tot Ion	Ratio	Resp	Lower	Upper
163	100	710763		
194	3.5		2.8	4.2
164	10.4		8.3	12.5

Manual Integrations
APPROVED

SOHIL
6/6/2016 7:18:20 PM

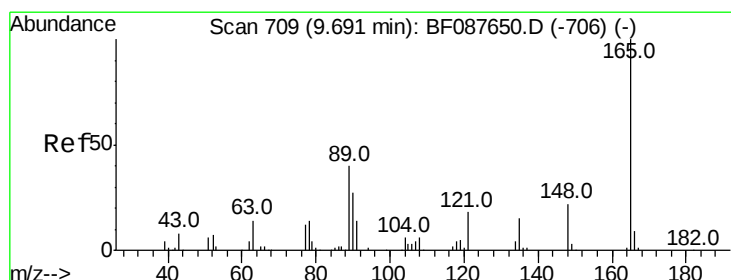
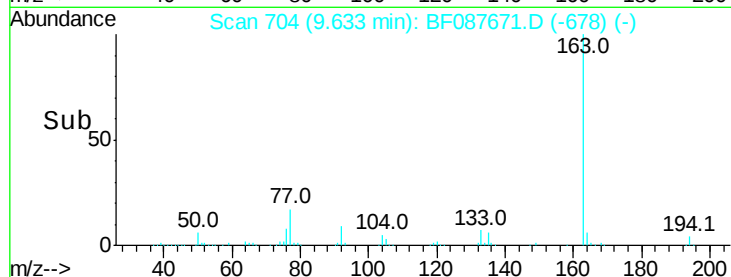
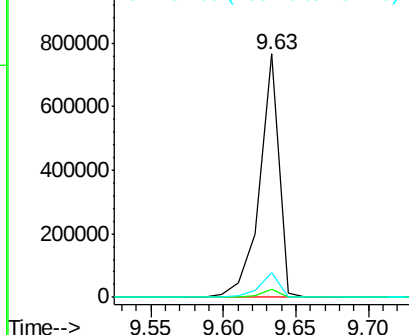


Abundance

Ion 163.00 (162.70 to 163.70): E

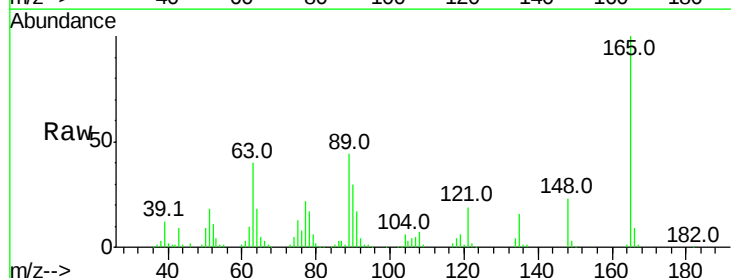
Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50
2,6-Dinitrotoluene
Concen: 44.43 ng
RT: 9.69 min Scan# 709
Delta R.T. -0.00 min
Lab File: BF087671.D
Acq: 4 Jun 2016 17:45

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	175818		
63	40.2		28.1	42.1
89	44.1		32.2	48.2

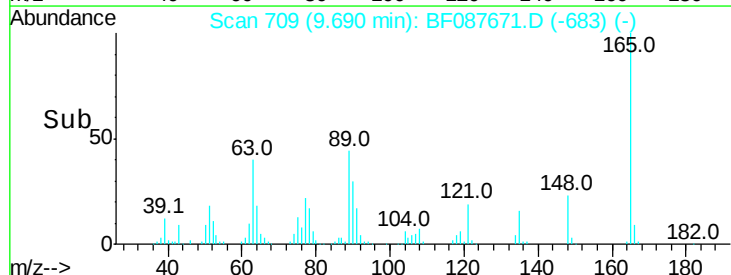
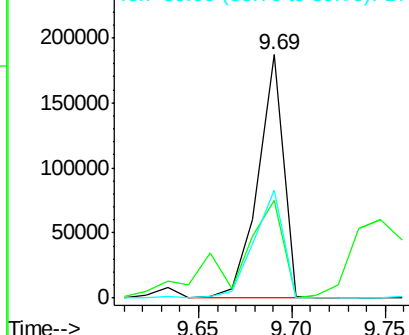


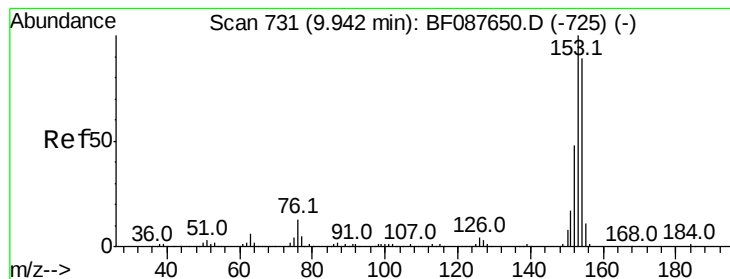
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 42.30 ng

RT: 9.94 min Scan# 731

Delta R.T. -0.00 min

Lab File: BF087671.D

Acq: 4 Jun 2016 17:45

Instrument :

BNA_F

ClientSampleId :

PB91024BS

Tot Ion:154 Resp: 655916

Ion Ratio Lower Upper

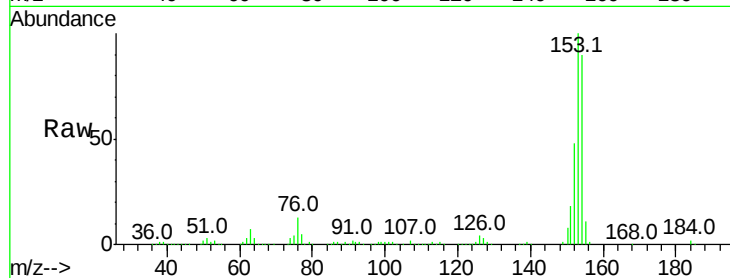
154 100

153 111.6 89.5 134.3

152 53.0 42.7 64.1

Manual Integrations
APPROVED

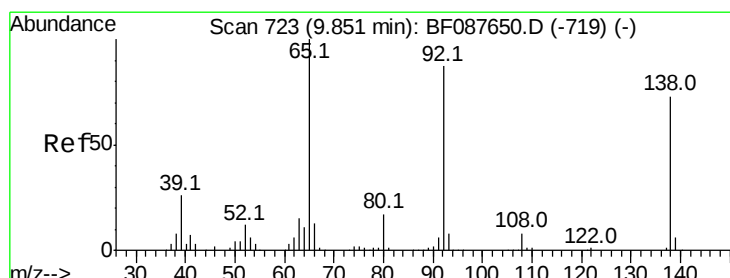
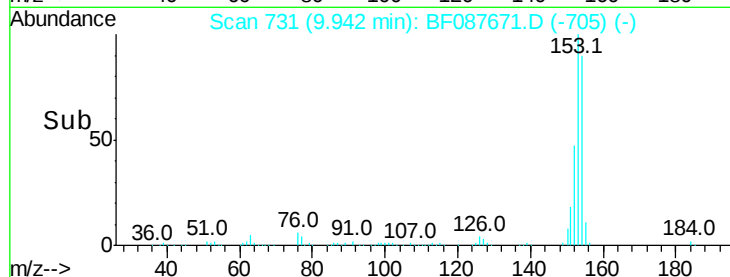
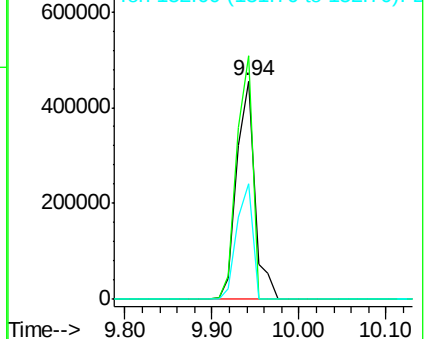
SOHIL
6/6/2016 7:18:20 PM



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 24.08 ng

RT: 9.85 min Scan# 723

Delta R.T. -0.00 min

Lab File: BF087671.D

Acq: 4 Jun 2016 17:45

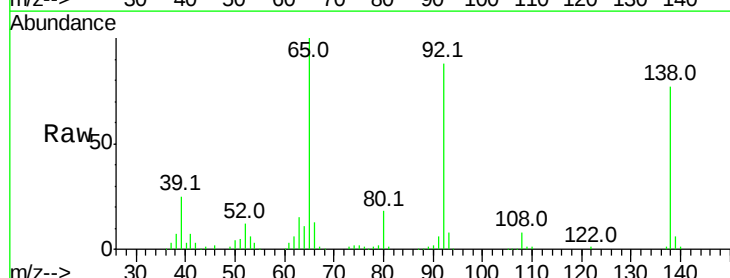
Tgt Ion:138 Resp: 109003

Ion Ratio Lower Upper

138 100

108 10.3 8.5 12.7

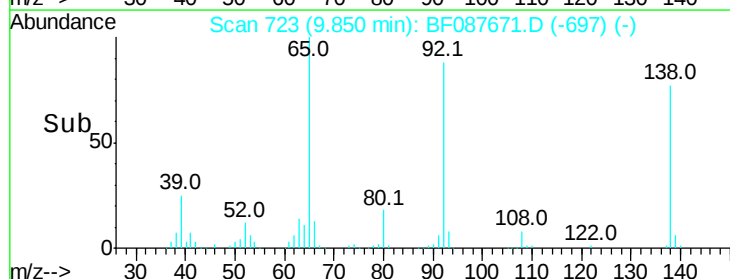
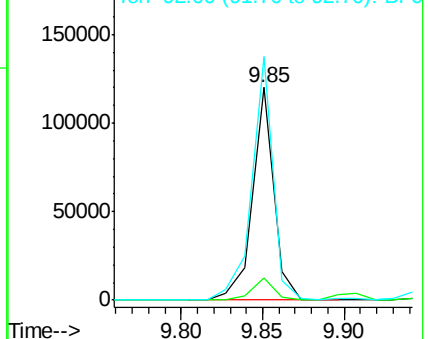
92 114.5 95.7 143.5

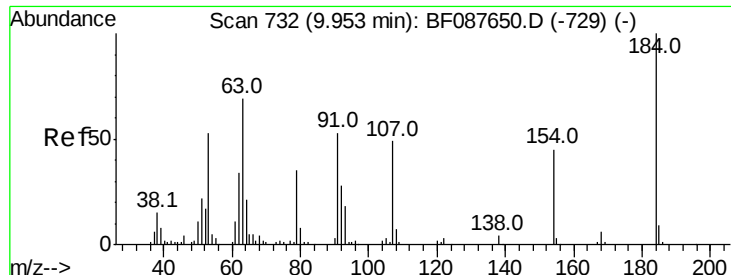


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0





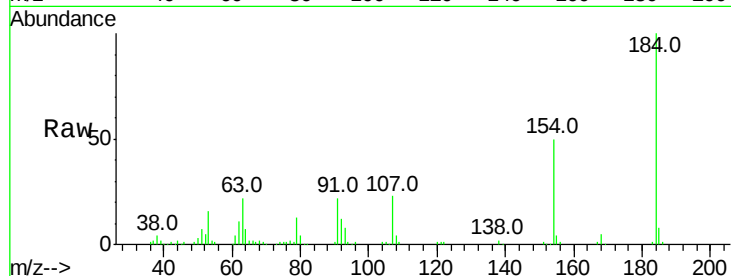
#53
2,4-Dinitrophenol
Concen: 89.10 ng
RT: 9.96 min Scan# 733
Delta R.T. 0.01 min
Lab File: BF087671.D
Acq: 4 Jun 2016 17:45

Instrument :
BNA_F
ClientSampleId :
PB91024BS

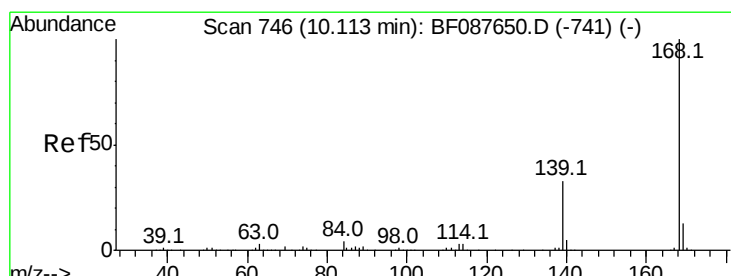
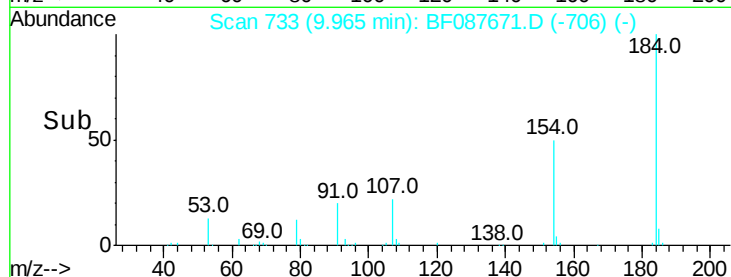
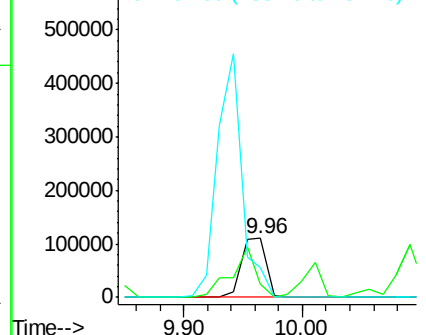
Tot Ion	Ratio	Resp	Lower	Upper
184	100	160835		
63	21.8	57.6	86.4#	
154	50.0	53.5	80.3#	

Manual Integrations
APPROVED

SOHIL
6/6/2016 7:18:20 PM



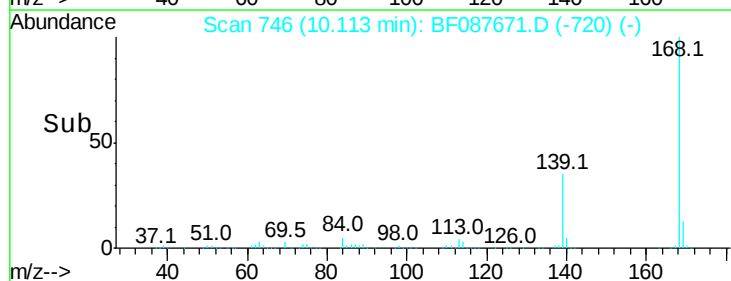
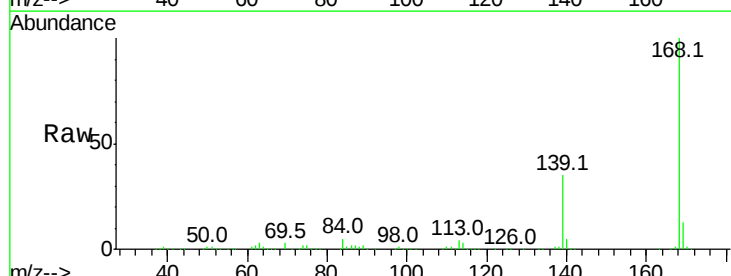
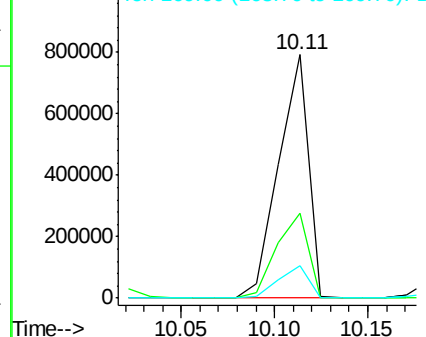
Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

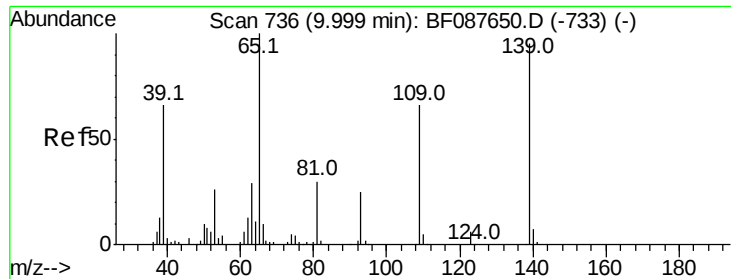


#54
Dibenzofuran
Concen: 41.62 ng
RT: 10.11 min Scan# 746
Delta R.T. 0.00 min
Lab File: BF087671.D
Acq: 4 Jun 2016 17:45

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	878685		
139	34.9	26.4	39.6	
169	13.3	10.4	15.6	

Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E





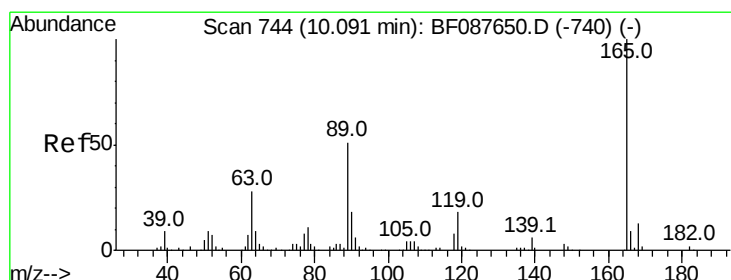
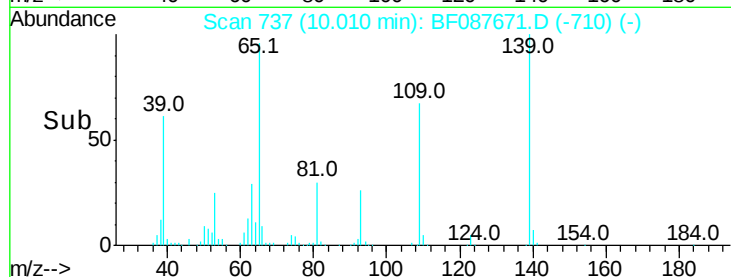
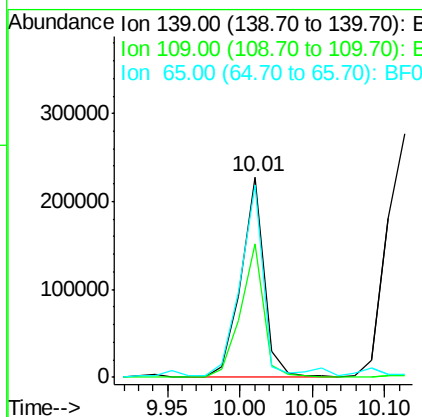
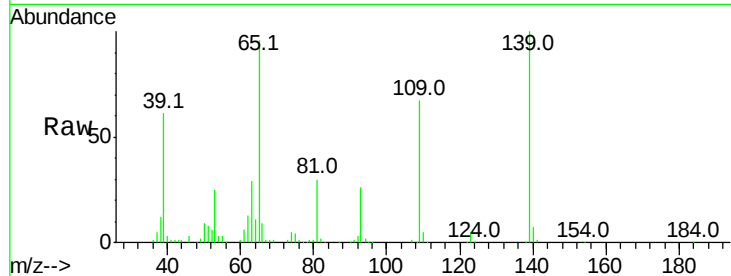
#55
4-Nitrophenol
Concen: 65.44 ng
RT: 10.01 min Scan# 737
Delta R.T. 0.01 min
Lab File: BF087671.D
Acq: 4 Jun 2016 17:45

Instrument :
BNA_F
ClientSampleId :
PB91024BS

Tot Ion	Ratio	Resp	Lower	Upper
139	100	253150		
109	66.8	48.9	88.9	
65	96.2	84.9	124.9	

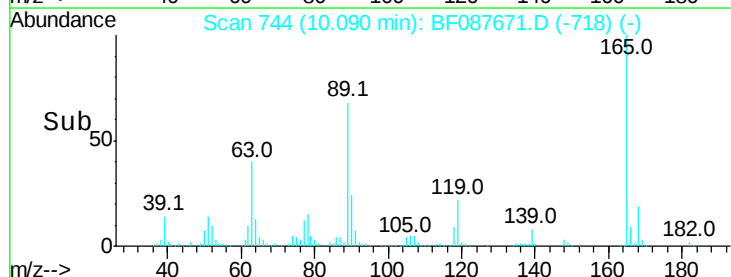
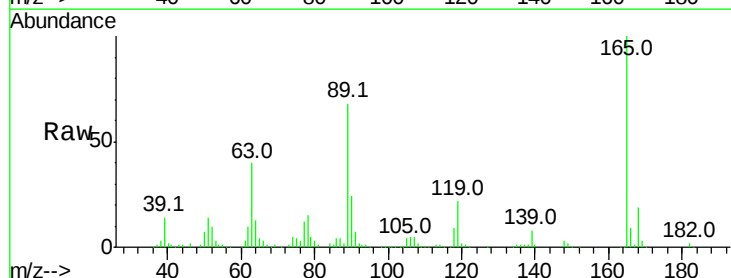
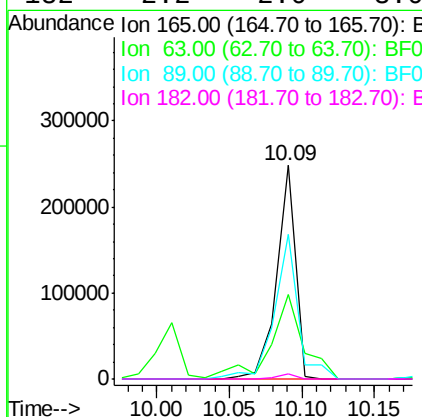
Manual Integrations
APPROVED

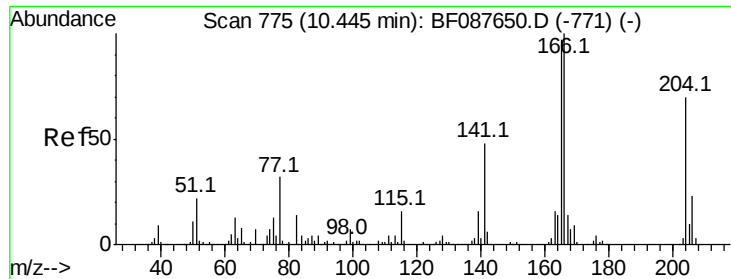
SOHIL
6/6/2016 7:18:20 PM



#56
2,4-Dinitrotoluene
Concen: 44.46 ng
RT: 10.09 min Scan# 744
Delta R.T. -0.00 min
Lab File: BF087671.D
Acq: 4 Jun 2016 17:45

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	224055		
63	39.8	22.0	33.0#	
89	67.6	41.1	61.7#	
182	2.2	2.0	3.0	





#57

Fluorene

Concen: 37.72 ng

RT: 10.46 min Scan# 776

Delta R.T. 0.01 min

Lab File: BF087671.D

Acq: 4 Jun 2016 17:45

Instrument :

BNA_F

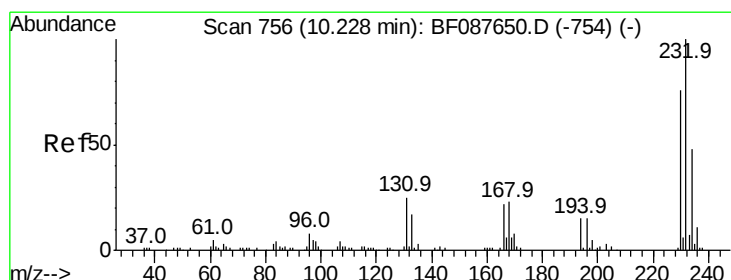
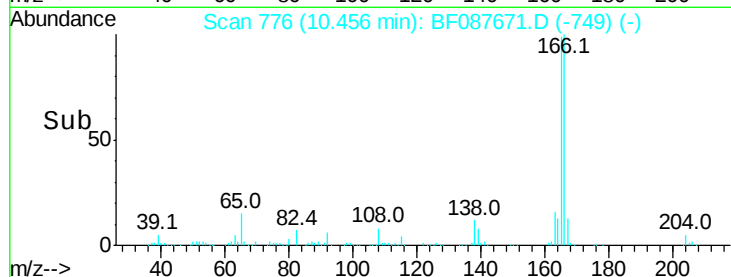
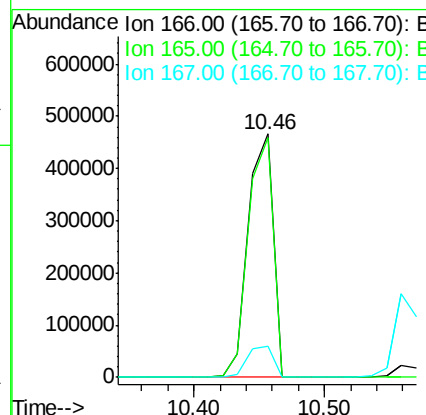
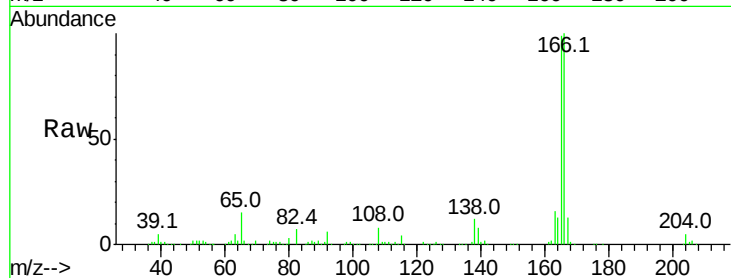
ClientSampleId :

PB91024BS

Tot Ion:	166	Resp:	622554
Ion Ratio	Lower	Upper	
166	100		
165	98.6	77.8	116.8
167	13.0	11.2	16.8

Manual Integrations
APPROVED

SOHIL
6/6/2016 7:18:20 PM



#58

2,3,4,6-Tetrachlorophenol

Concen: 41.55 ng

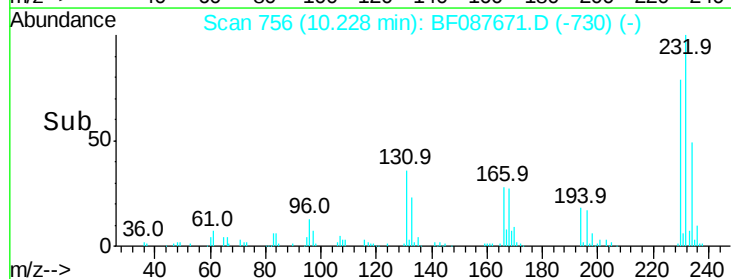
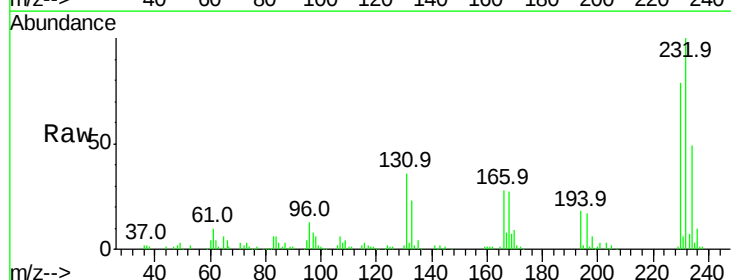
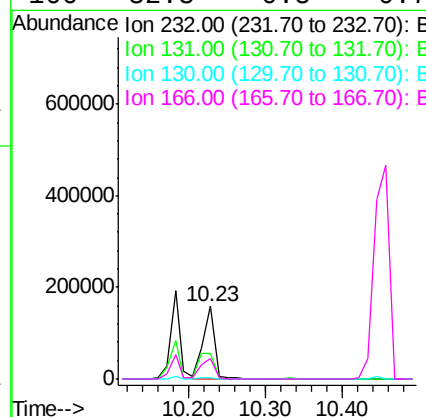
RT: 10.23 min Scan# 756

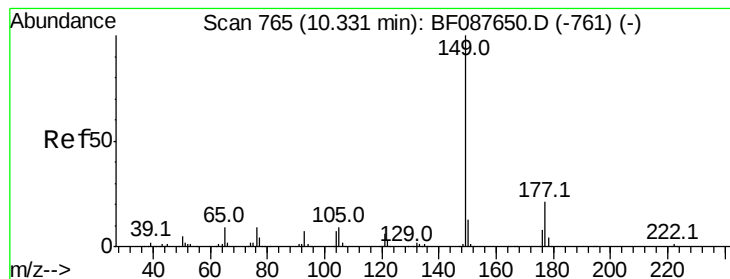
Delta R.T. -0.00 min

Lab File: BF087671.D

Acq: 4 Jun 2016 17:45

Tgt Ion:	232	Resp:	165880
Ion Ratio	Lower	Upper	
232	100		
131	49.0	0.9	1.3#
130	2.3	1.5	2.3
166	32.8	0.5	0.7#





#59

Diethylphthalate

Concen: 37.16 ng

RT: 10.33 min Scan# 765

Delta R.T. -0.00 min

Lab File: BF087671.D

Acq: 4 Jun 2016 17:45

Instrument :

BNA_F

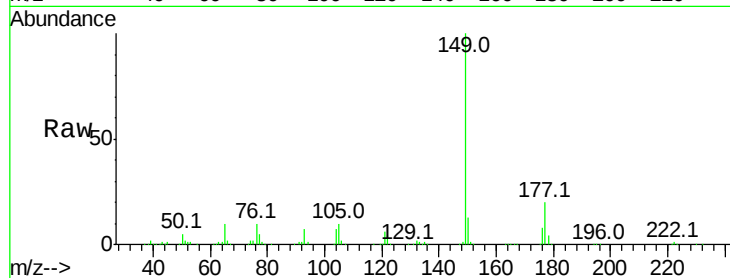
ClientSampleId :

PB91024BS

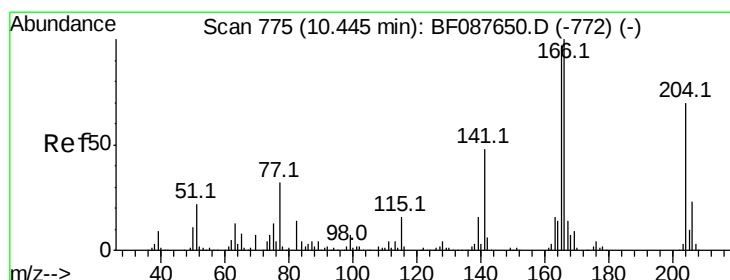
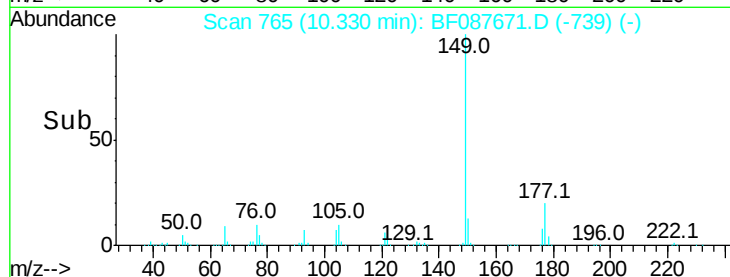
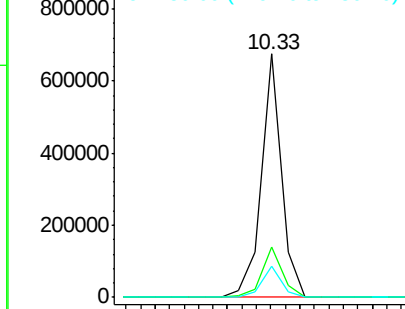
Tot Ion:	149	Resp:	649080
Ion Ratio	Lower	Upper	
149	100		
177	20.5	16.9	25.3
150	12.8	10.1	15.1

Manual Integrations
APPROVED

SOHIL
6/6/2016 7:18:20 PM



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



#60

4-Chlorophenyl-phenylether

Concen: 39.89 ng

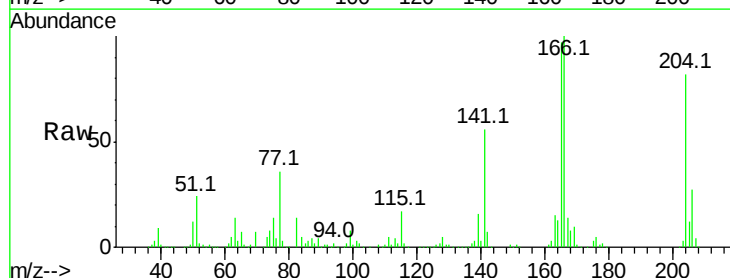
RT: 10.44 min Scan# 775

Delta R.T. 0.00 min

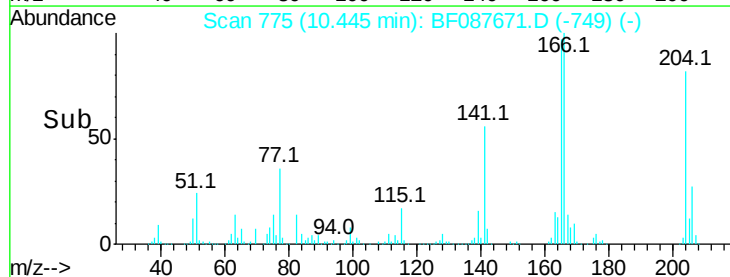
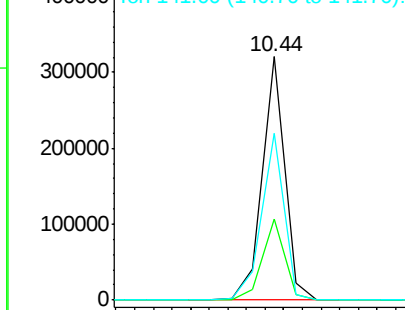
Lab File: BF087671.D

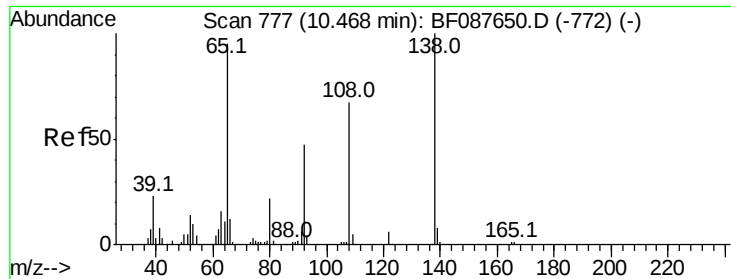
Acq: 4 Jun 2016 17:45

Tgt Ion:	204	Resp:	265339
Ion Ratio	Lower	Upper	
204	100		
206	33.4	26.3	39.5
141	68.3	55.0	82.6



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





#61

4-Nitroaniline

Concen: 35.89 ng

RT: 10.47 min Scan# 777

Delta R.T. -0.00 min

Lab File: BF087671.D

Acq: 4 Jun 2016 17:45

Instrument :

BNA_F

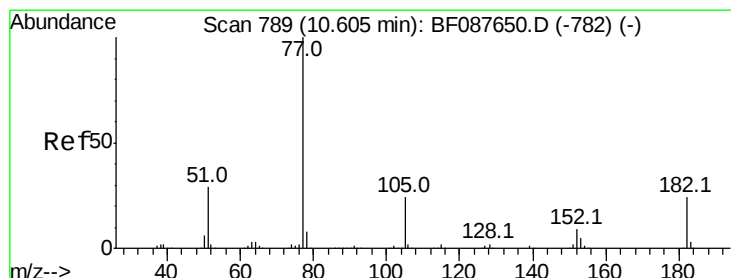
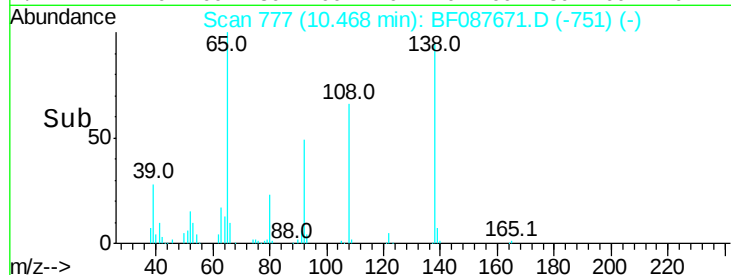
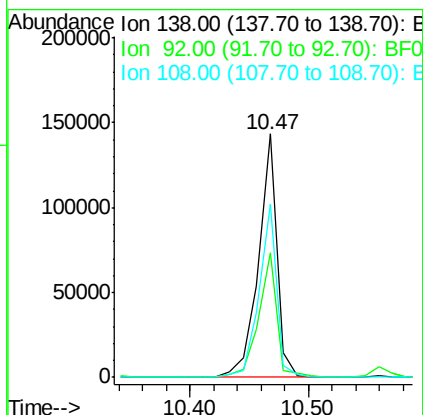
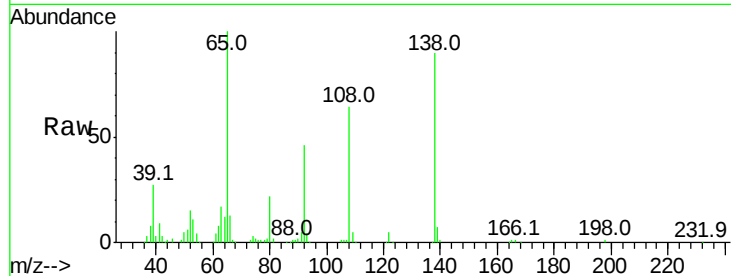
ClientSampleId :

PB91024BS

Tot Ion:	138	Resp:	156187
Ion Ratio	Lower	Upper	
138	100		
92	51.4	27.3	67.3
108	71.3	46.7	86.7

Manual Integrations
APPROVED

SOHIL
6/6/2016 7:18:20 PM



#62

Azobenzene

Concen: 40.93 ng

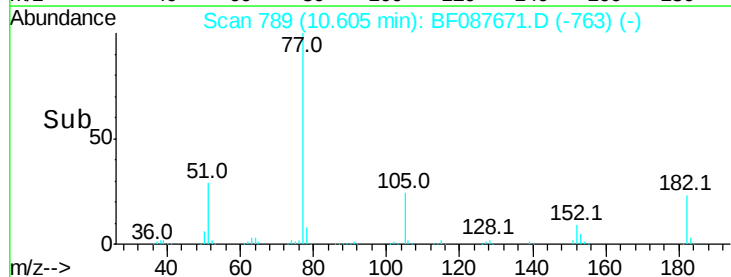
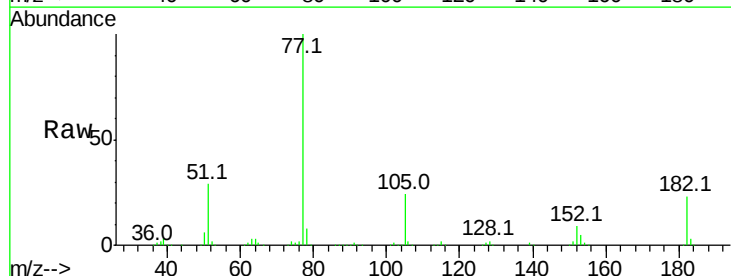
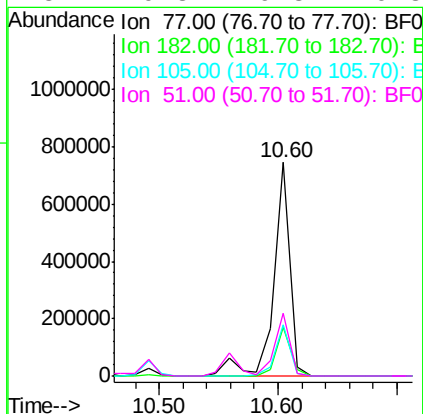
RT: 10.60 min Scan# 789

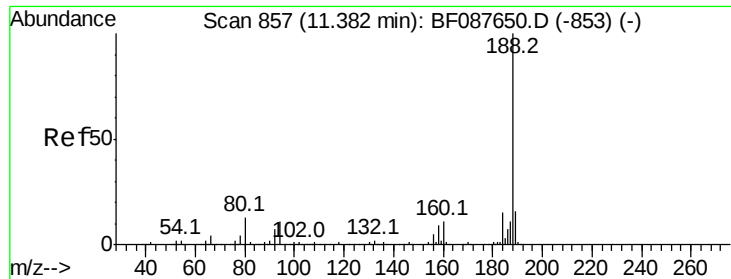
Delta R.T. -0.00 min

Lab File: BF087671.D

Acq: 4 Jun 2016 17:45

Tgt Ion:	77	Resp:	719552
Ion Ratio	Lower	Upper	
77	100		
182	23.0	4.4	44.4
105	23.8	3.8	43.8
51	29.3	9.3	49.3





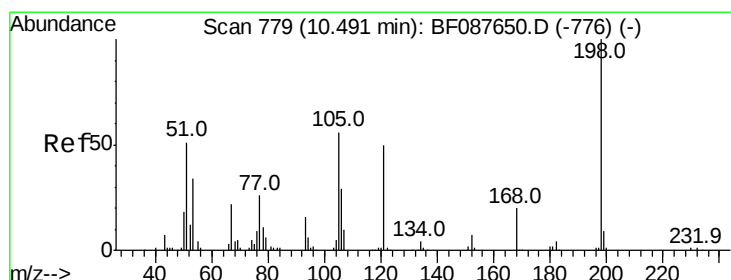
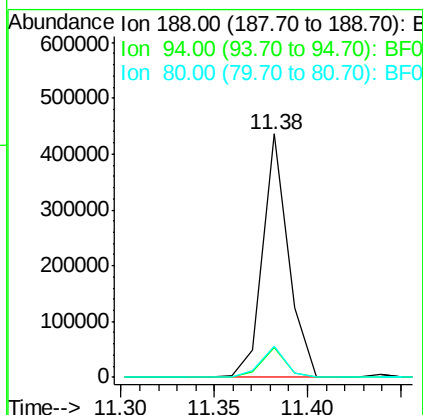
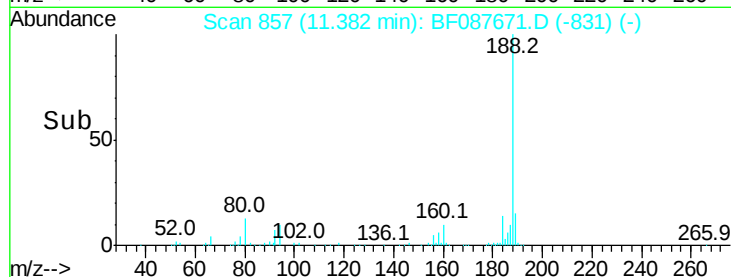
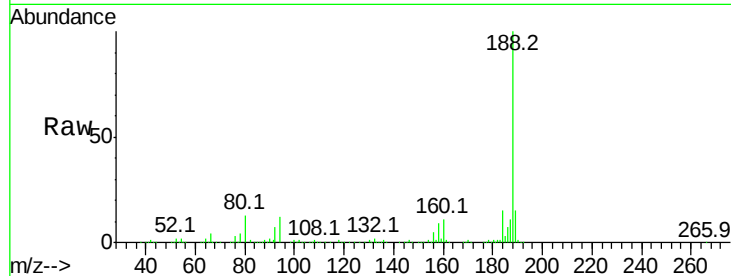
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.38 min Scan# 857
Delta R.T. -0.00 min
Lab File: BF087671.D
Acq: 4 Jun 2016 17:45

Instrument :
BNA_F
ClientSampleId :
PB91024BS

Tot Ion	Ratio	Resp	Lower	Upper
188	100			
94	12.2	9.0	13.6	
80	12.9	10.0	15.0	

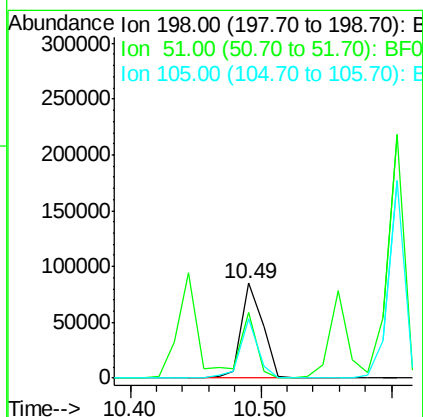
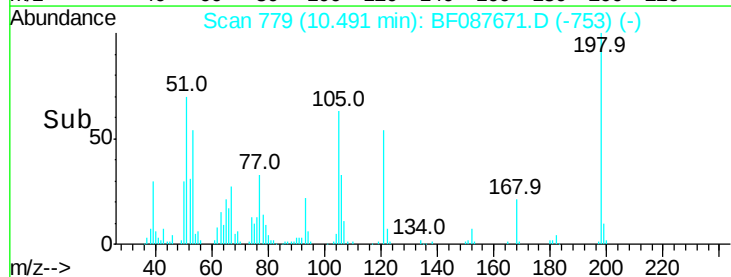
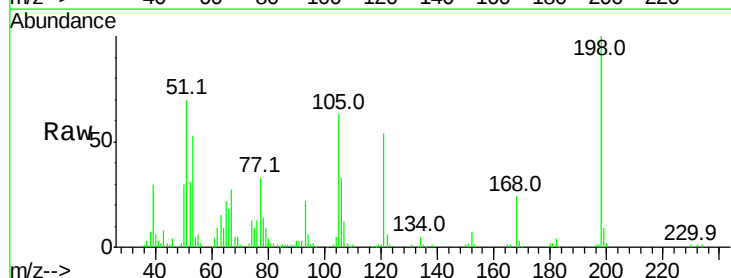
Manual Integrations
APPROVED

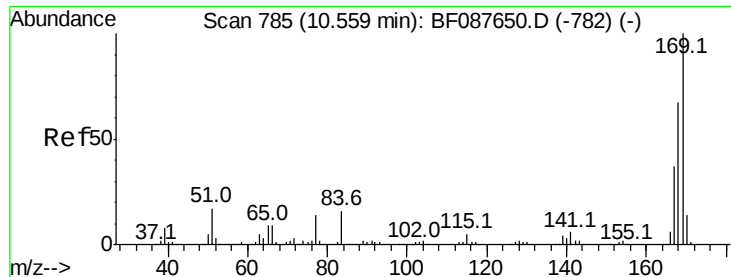
SOHIL
6/6/2016 7:18:20 PM



#64
4,6-Dinitro-2-methylphenol
Concen: 41.54 ng
RT: 10.49 min Scan# 779
Delta R.T. 0.00 min
Lab File: BF087671.D
Acq: 4 Jun 2016 17:45

Tgt Ion	Ratio	Resp	Lower	Upper
198	100			
51	69.9	39.6	79.6	
105	62.8	36.6	76.6	





#65

n-Nitrosodiphenylamine

Concen: 40.87 ng

RT: 10.56 min Scan# 785

Delta R.T. -0.00 min

Lab File: BF087671.D

Acq: 4 Jun 2016 17:45

Instrument :

BNA_F

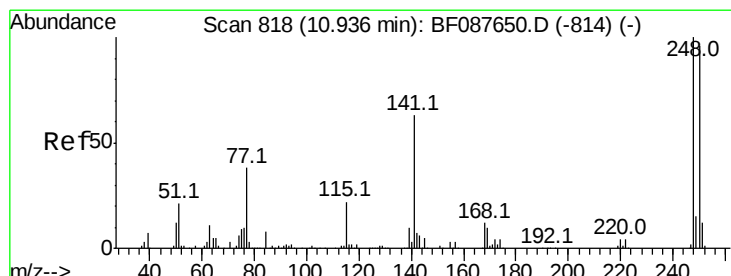
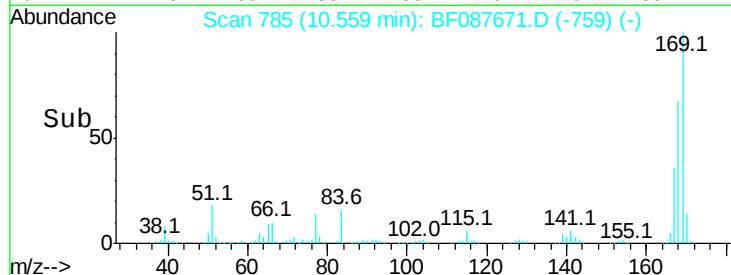
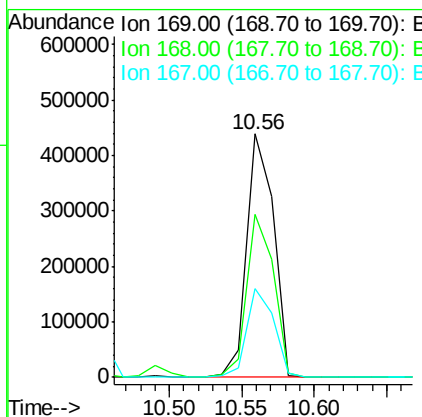
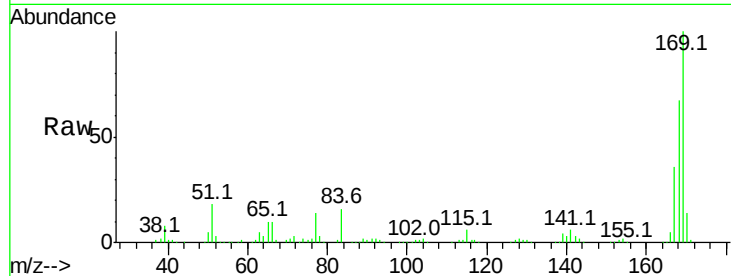
ClientSampleId :

PB91024BS

Tot Ion:	169	Resp:	564835
Ion Ratio	Lower	Upper	
169	100		
168	66.8	53.4	80.0
167	36.4	29.4	44.0

Manual Integrations
APPROVED

SOHIL
6/6/2016 7:18:20 PM



#66

4-Bromophenyl-phenylether

Concen: 43.16 ng

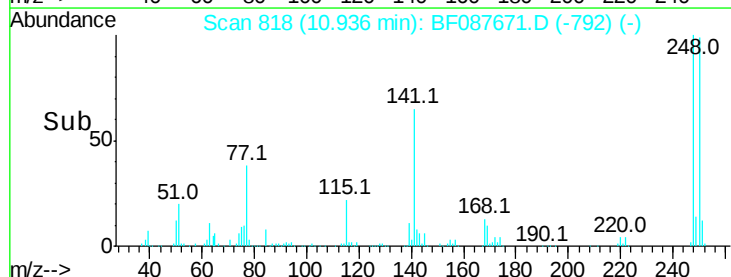
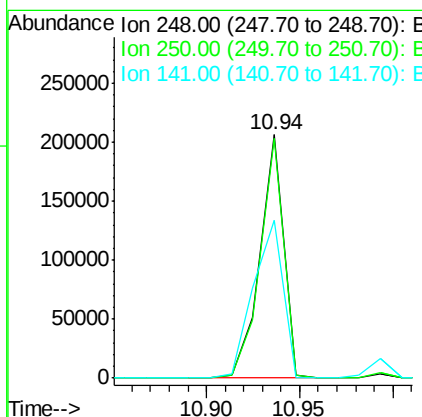
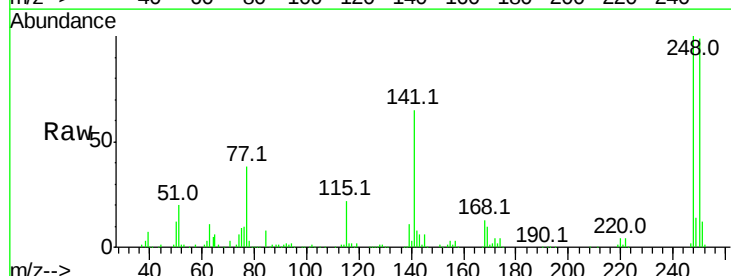
RT: 10.94 min Scan# 818

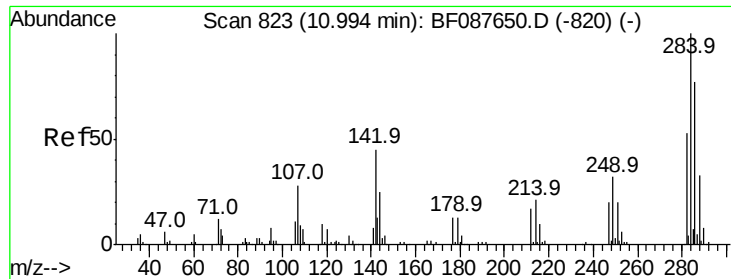
Delta R.T. -0.00 min

Lab File: BF087671.D

Acq: 4 Jun 2016 17:45

Tgt Ion:	248	Resp:	180605
Ion Ratio	Lower	Upper	
248	100		
250	98.5	77.1	115.7
141	64.9	50.6	76.0





#67

Hexachlorobenzene

Concen: 39.02 ng

RT: 10.99 min Scan# 823

Delta R.T. -0.00 min

Lab File: BF087671.D

Acq: 4 Jun 2016 17:45

Instrument :

BNA_F

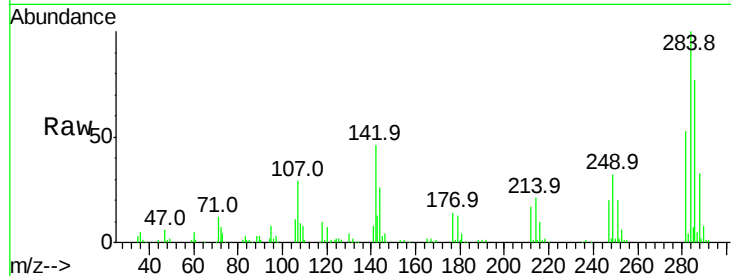
ClientSampled :

PB91024BS

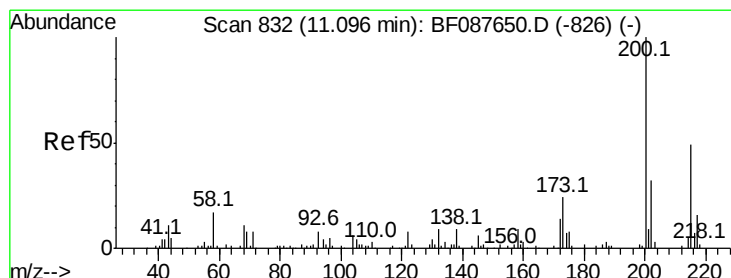
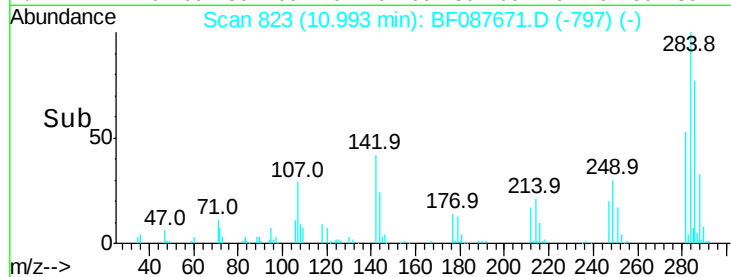
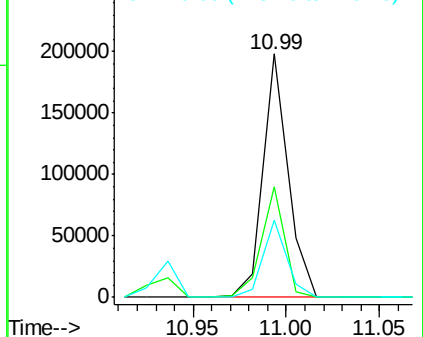
Tot Ion:	284	Resp:	182577
Ion Ratio	Lower	Upper	
284	100		
142	45.5	35.8	53.8
249	31.8	25.8	38.6

Manual Integrations
APPROVED

SOHIL
6/6/2016 7:18:20 PM



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



#68

Atrazine

Concen: 45.13 ng

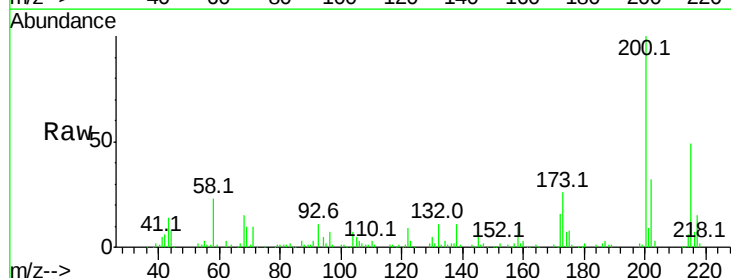
RT: 11.10 min Scan# 832

Delta R.T. -0.00 min

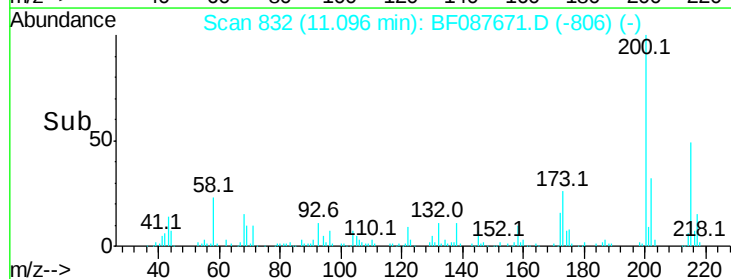
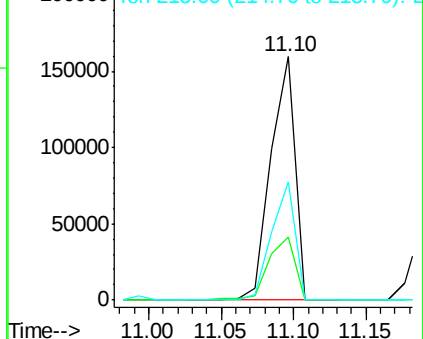
Lab File: BF087671.D

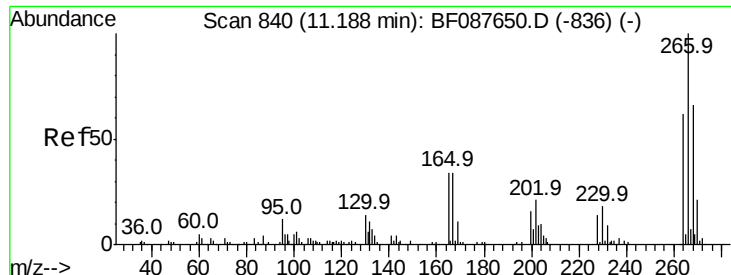
Acq: 4 Jun 2016 17:45

Tgt Ion:	200	Resp:	184775
Ion Ratio	Lower	Upper	
200	100		
173	26.0	4.0	44.0
215	48.6	29.3	69.3



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





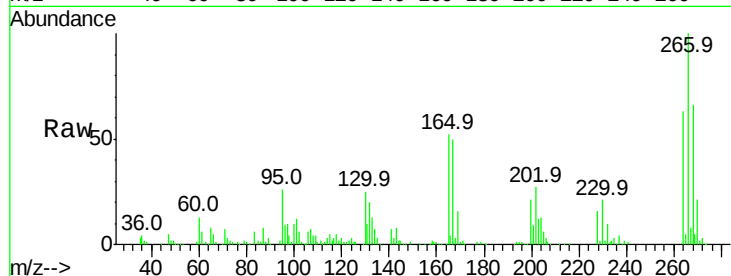
#69
 Pentachlorophenol
 Concen: 79.64 ng
 RT: 11.19 min Scan# 840
 Delta R.T. 0.00 min
 Lab File: BF087671.D
 Acq: 4 Jun 2016 17:45

Instrument :
 BNA_F
 ClientSampleId :
 PB91024BS

Tot Ion	Ratio	Resp	Lower	Upper
266	100	221408		
268	65.9	52.8	79.2	
264	63.1	49.6	74.4	

Manual Integrations
 APPROVED

SOHIL
 6/6/2016 7:18:20 PM

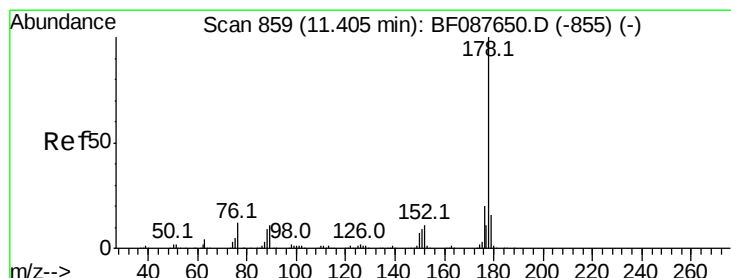
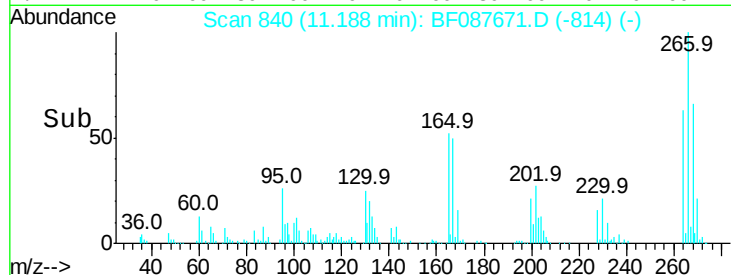
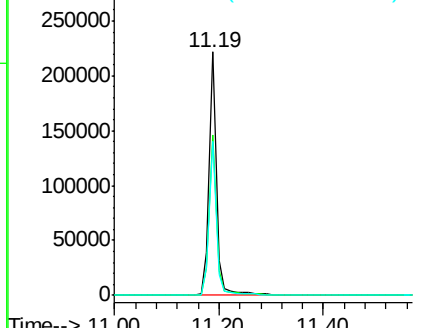


Abundance

Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E



#70
 Phenanthrene
 Concen: 39.29 ng
 RT: 11.40 min Scan# 859
 Delta R.T. -0.00 min
 Lab File: BF087671.D
 Acq: 4 Jun 2016 17:45

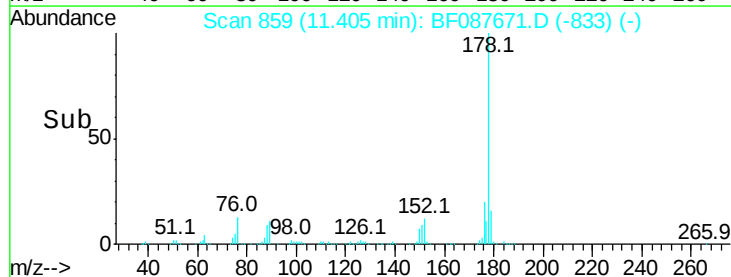
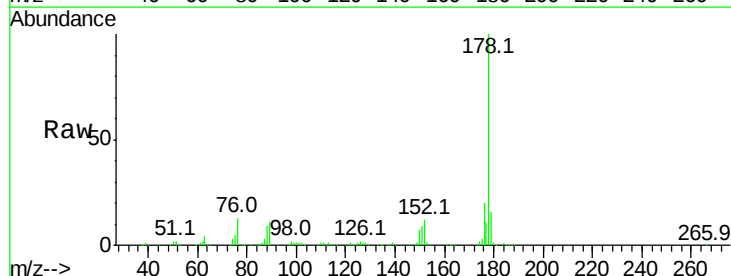
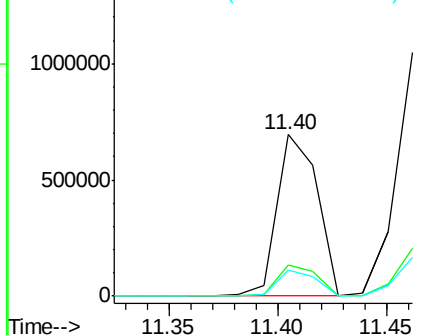
Tgt Ion	Ratio	Resp	Lower	Upper
178	100	898850		
176	19.7	15.8	23.6	
179	16.0	13.0	19.4	

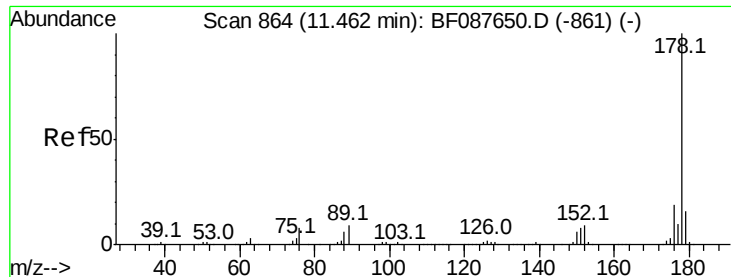
Abundance

Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#71

Anthracene

Concen: 41.11 ng

RT: 11.46 min Scan# 864

Delta R.T. -0.00 min

Lab File: BF087671.D

Acq: 4 Jun 2016 17:45

Instrument :

BNA_F

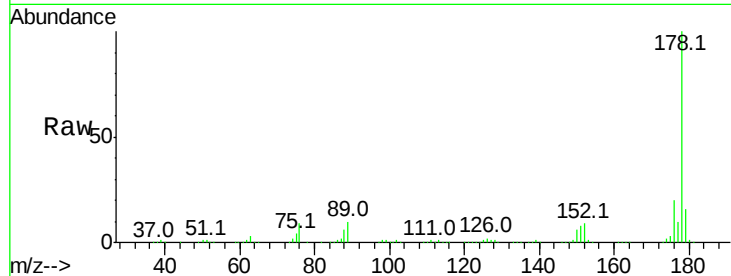
ClientSampleId :

PB91024BS

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.5	15.6	23.4
179	15.9	12.8	19.2

Manual Integrations
APPROVED

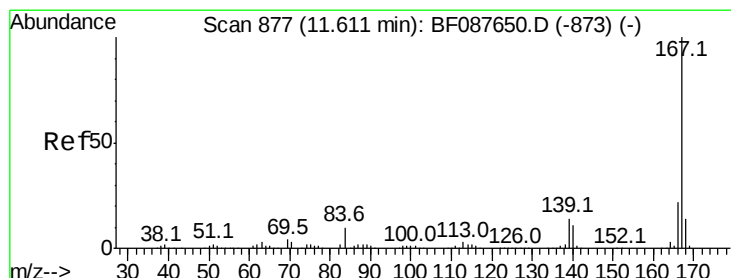
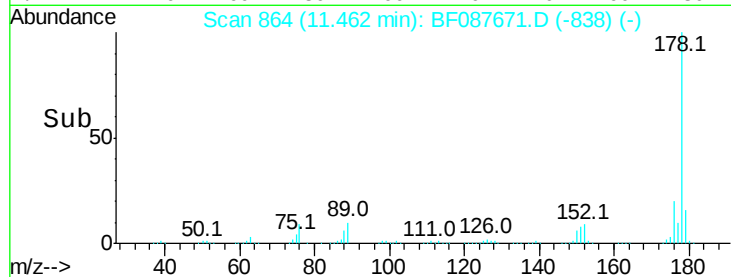
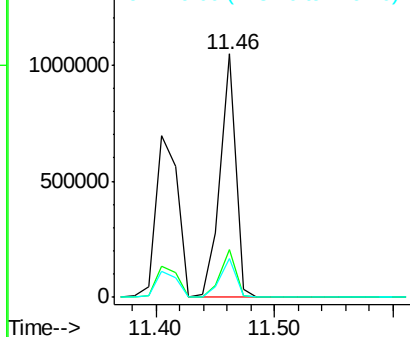
SOHIL
6/6/2016 7:18:20 PM



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 37.21 ng

RT: 11.61 min Scan# 877

Delta R.T. -0.00 min

Lab File: BF087671.D

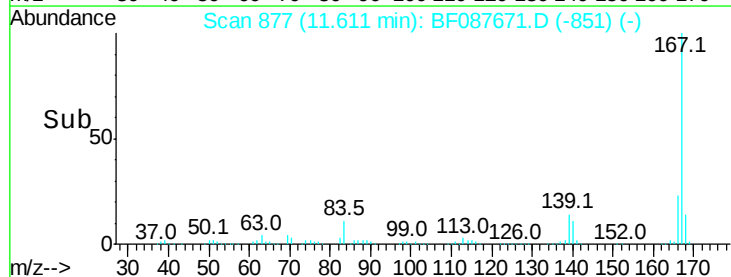
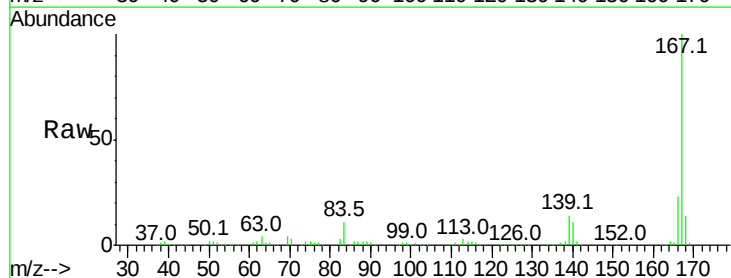
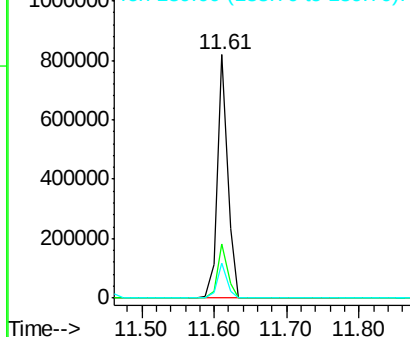
Acq: 4 Jun 2016 17:45

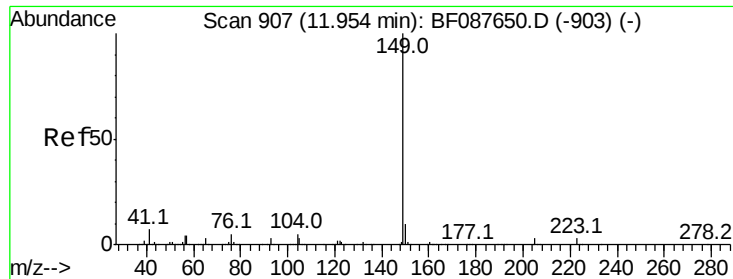
Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.5	17.8	26.6
139	14.1	11.2	16.8

Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 43.25 ng

RT: 11.95 min Scan# 907

Delta R.T. -0.00 min

Lab File: BF087671.D

Acq: 4 Jun 2016 17:45

Instrument :

BNA_F

ClientSampleId :

PB91024BS

Tot Ion:149 Resp: 1006307

Ion Ratio Lower Upper

149 100

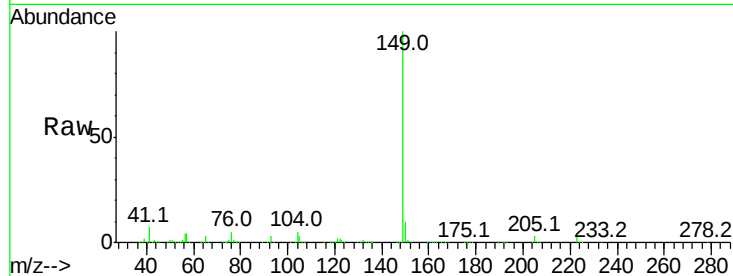
150 9.8 7.8 11.6

104 5.1 4.0 6.0

Manual Integrations
APPROVED

SOHIL

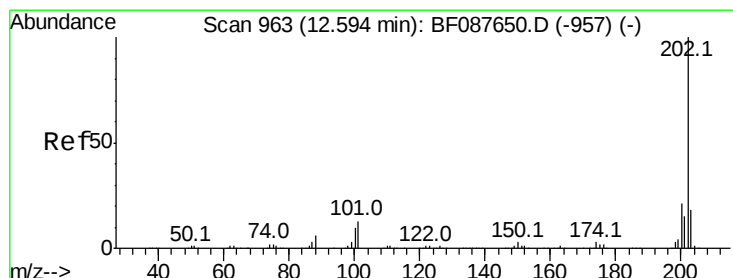
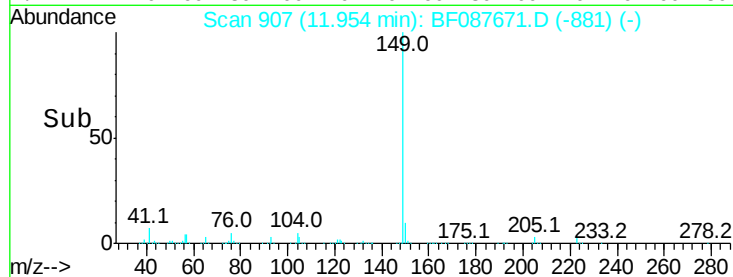
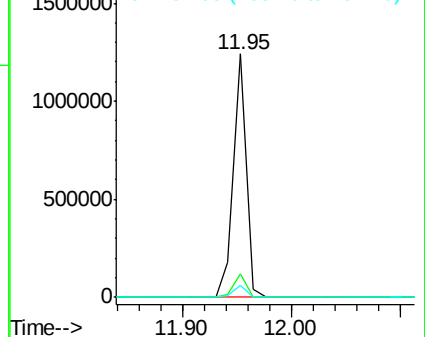
6/6/2016 7:18:20 PM



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 40.65 ng

RT: 12.59 min Scan# 963

Delta R.T. -0.00 min

Lab File: BF087671.D

Acq: 4 Jun 2016 17:45

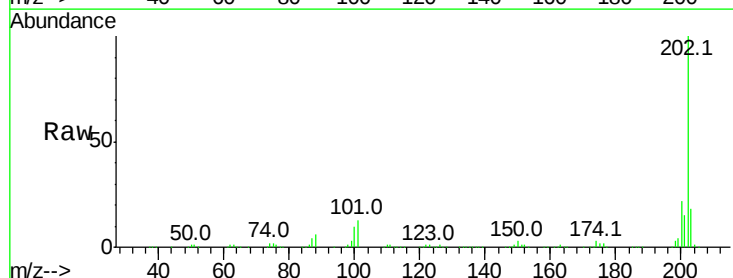
Tgt Ion:202 Resp: 915071

Ion Ratio Lower Upper

202 100

101 13.4 0.0 33.1

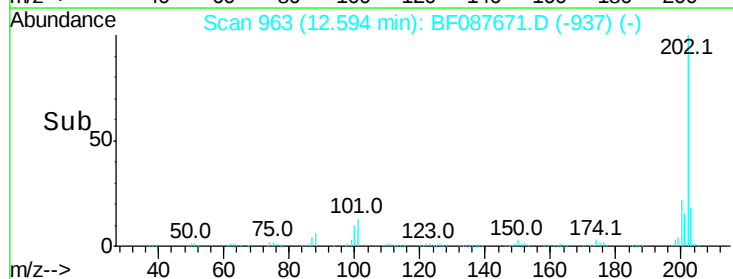
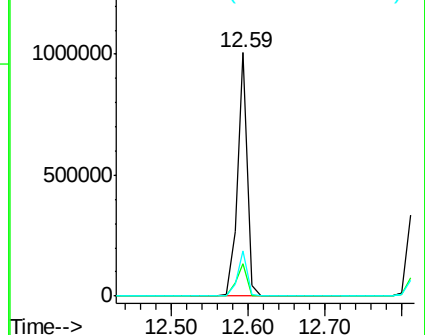
203 18.4 0.0 38.1

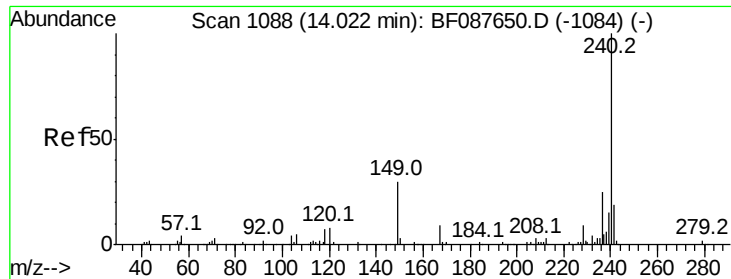


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.02 min Scan# 1088

Delta R.T. -0.00 min

Lab File: BF087671.D

Acq: 4 Jun 2016 17:45

Instrument :

BNA_F

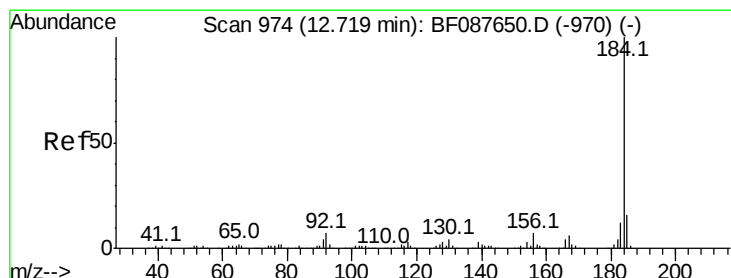
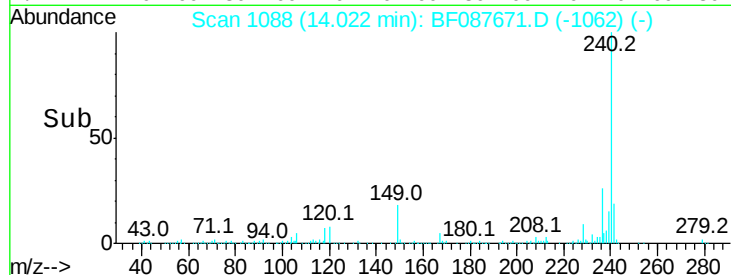
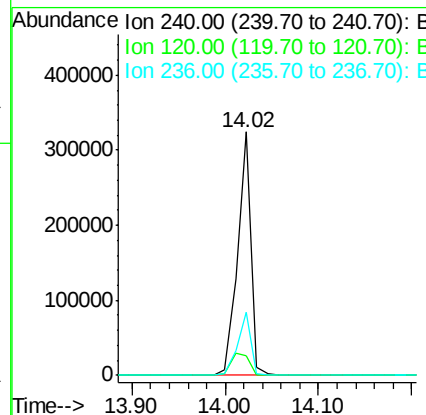
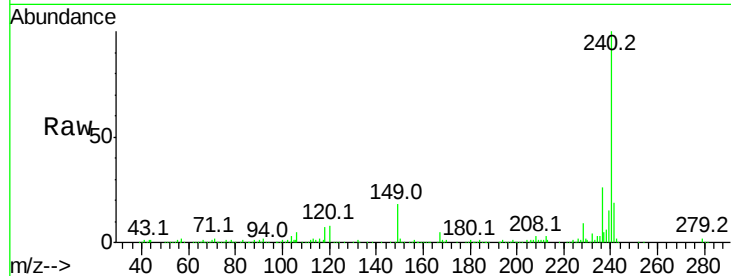
ClientSampleId :

PB91024BS

Tot Ion	Ratio	Resp	Lower	Upper
240	100			
120	8.1	6.8	10.2	
236	25.7	20.2	30.2	

Manual Integrations
APPROVED

SOHIL
6/6/2016 7:18:20 PM



#76

Benzidine

Concen: 26.31 ng

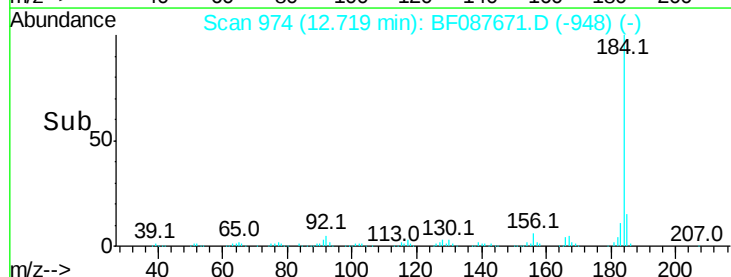
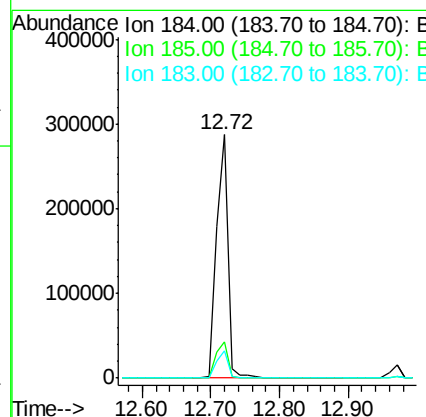
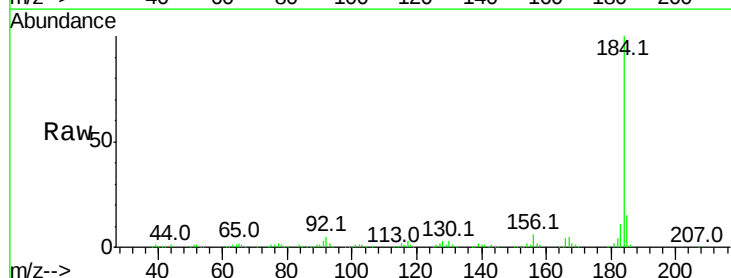
RT: 12.72 min Scan# 974

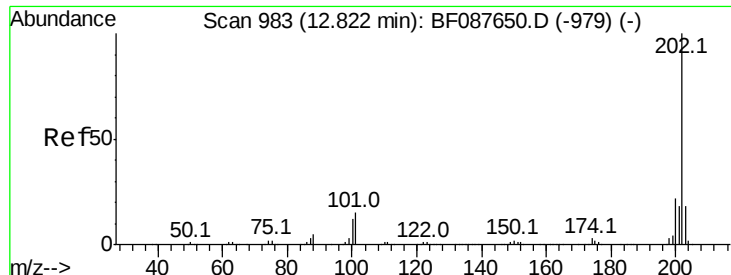
Delta R.T. 0.00 min

Lab File: BF087671.D

Acq: 4 Jun 2016 17:45

Tgt Ion	Ratio	Resp	Lower	Upper
184	100			
185	14.8	12.5	18.7	
183	11.3	9.3	13.9	





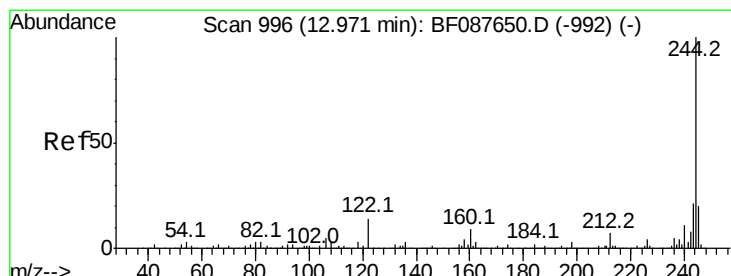
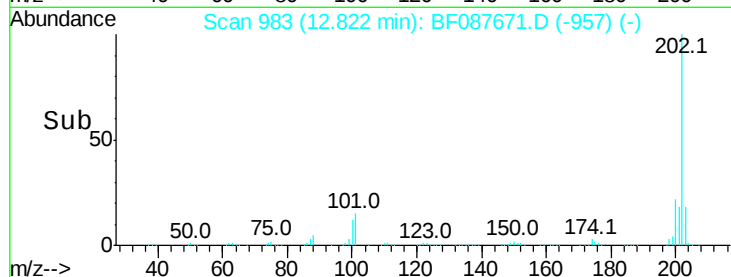
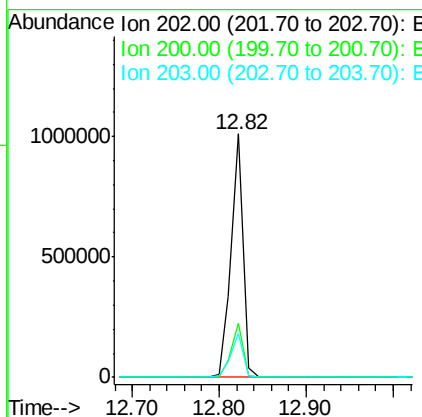
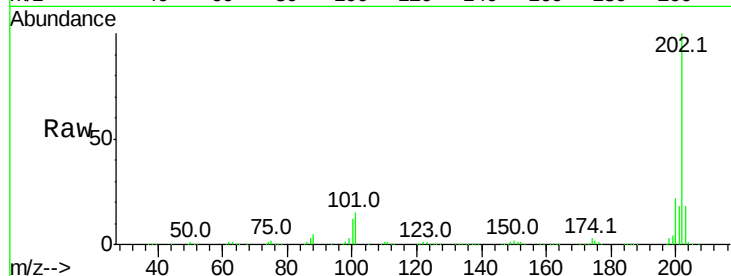
#77
Pvrene
Concen: 41.33 ng
RT: 12.82 min Scan# 983
Delta R.T. -0.00 min
Lab File: BF087671.D
Acq: 4 Jun 2016 17:45

Instrument :
BNA_F
ClientSampleId :
PB91024BS

Tot Ion	Ratio	Resp Lower	Upper
202	100		
200	22.0	17.4	26.2
203	18.1	14.5	21.7

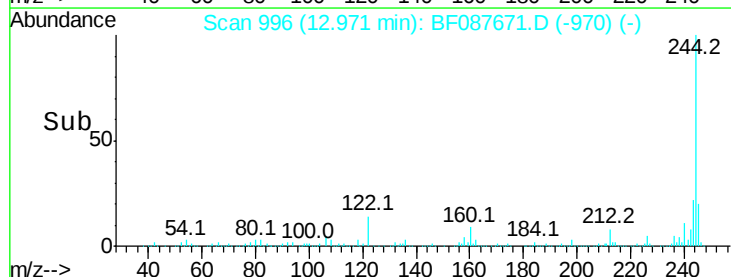
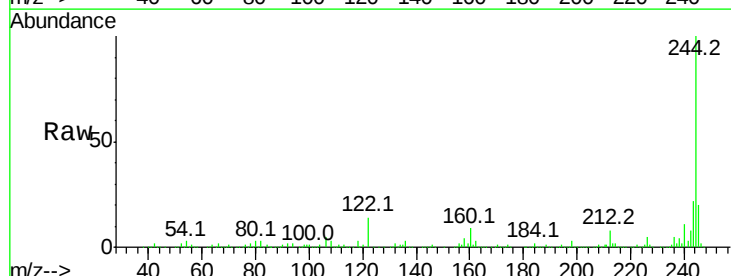
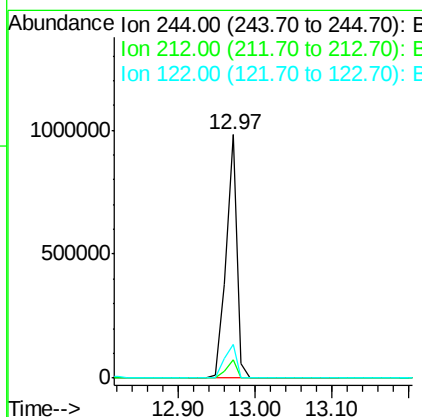
Manual Integrations
APPROVED

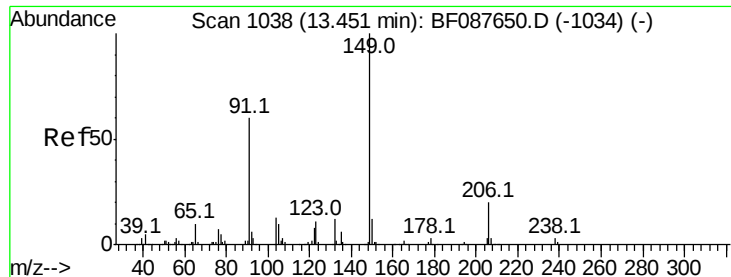
SOHIL
6/6/2016 7:18:20 PM



#78
Terphenyl-d14
Concen: 73.92 ng
RT: 12.97 min Scan# 996
Delta R.T. 0.00 min
Lab File: BF087671.D
Acq: 4 Jun 2016 17:45

Tgt Ion	Ratio	Resp Lower	Upper
244	100		
212	7.7	6.0	9.0
122	13.7	11.2	16.8





#79

Butylbenzylphthalate

Concen: 45.97 ng

RT: 13.45 min Scan# 1038

Delta R.T. 0.00 min

Lab File: BF087671.D

Acq: 4 Jun 2016 17:45

Instrument :

BNA_F

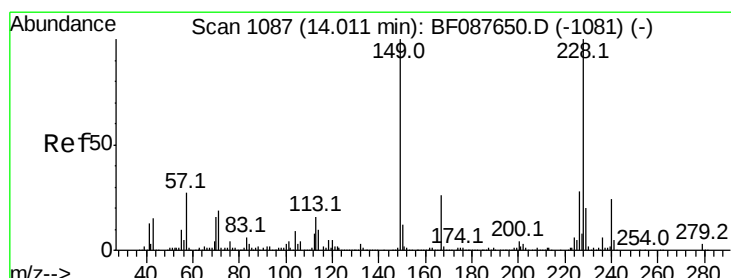
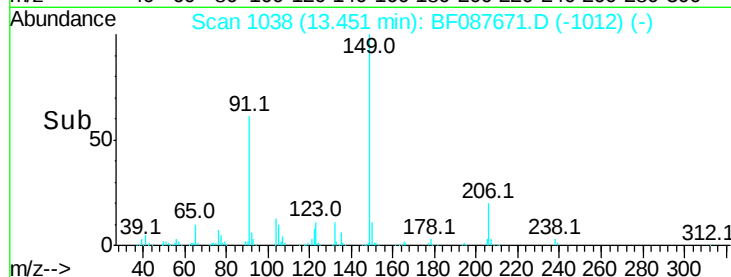
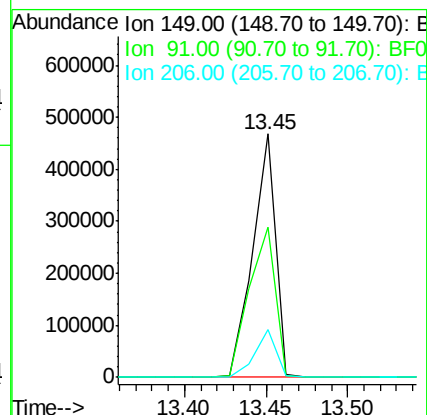
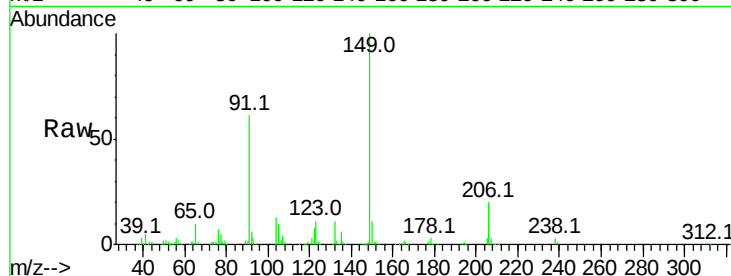
ClientSampleId :

PB91024BS

Tot Ion:	149	Resp:	455349
Ion Ratio	Lower	Upper	
149	100		
91	61.4	48.0	72.0
206	19.8	16.0	24.0

Manual Integrations
APPROVED

SOHIL
6/6/2016 7:18:20 PM



#80

Benzo(a)anthracene

Concen: 40.77 ng

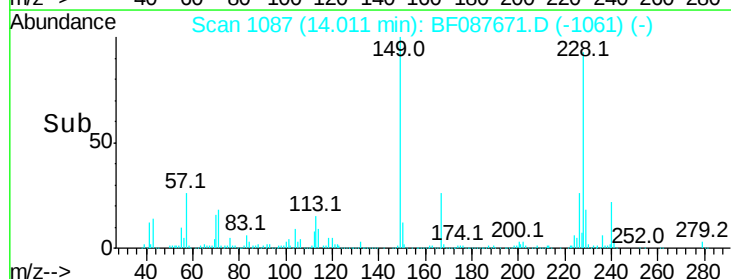
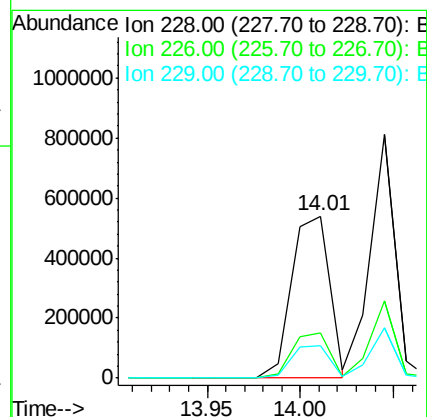
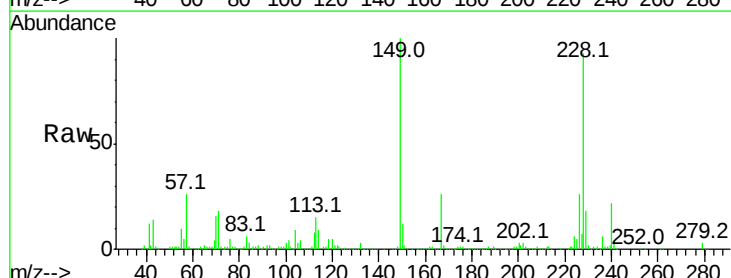
RT: 14.01 min Scan# 1087

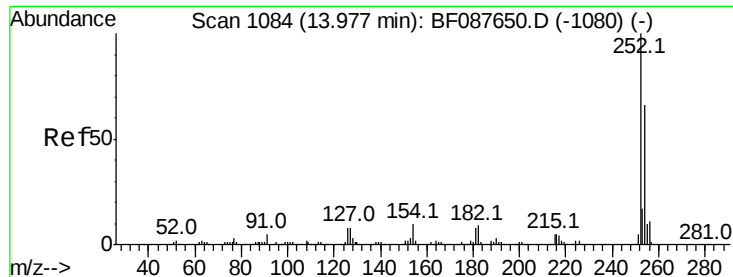
Delta R.T. -0.00 min

Lab File: BF087671.D

Acq: 4 Jun 2016 17:45

Tgt Ion:	228	Resp:	769098
Ion Ratio	Lower	Upper	
228	100		
226	27.6	22.3	33.5
229	19.8	16.0	24.0





#81

3,3'-Dichlorobenzidine

Concen: 26.96 ng

RT: 13.98 min Scan# 1084

Delta R.T. -0.00 min

Lab File: BF087671.D

Acq: 4 Jun 2016 17:45

Instrument :

BNA_F

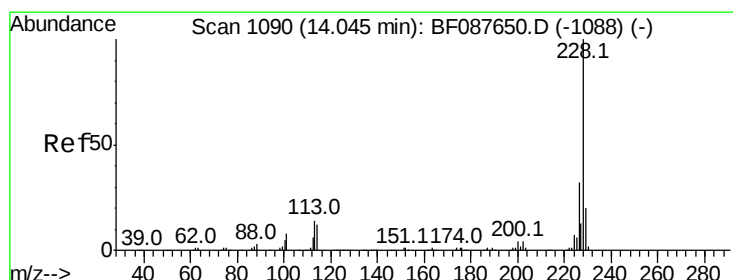
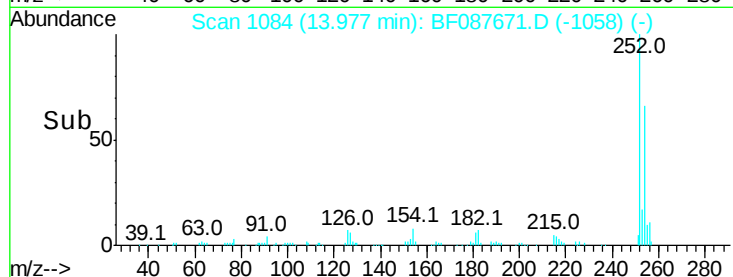
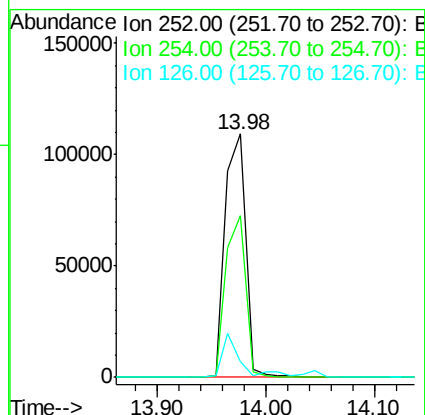
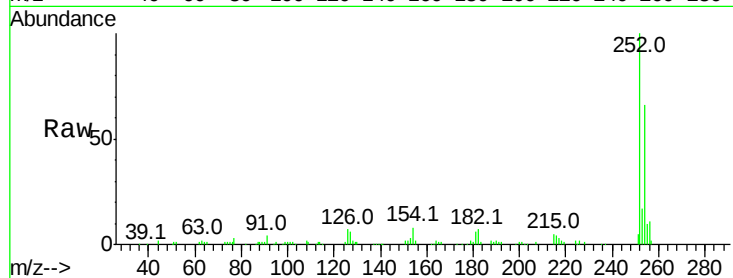
ClientSampled :

PB91024BS

Tot Ion:	252	Resp:	143498
Ion Ratio	Lower	Upper	
252	100		
254	66.2	52.6	78.8
126	6.5	6.2	9.2

Manual Integrations
APPROVED

SOHIL
6/6/2016 7:18:20 PM



#82

Chrysene

Concen: 40.15 ng

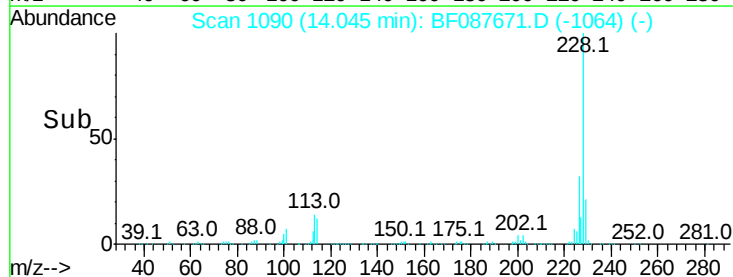
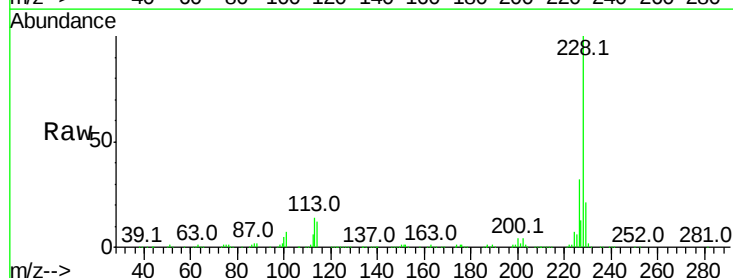
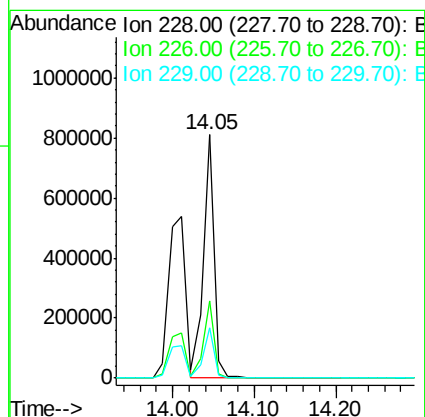
RT: 14.05 min Scan# 1090

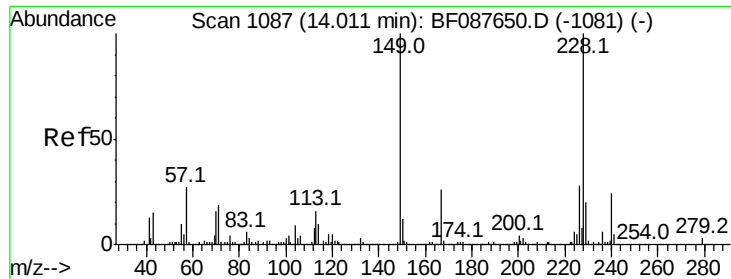
Delta R.T. -0.00 min

Lab File: BF087671.D

Acq: 4 Jun 2016 17:45

Tgt Ion:	228	Resp:	753770
Ion Ratio	Lower	Upper	
228	100		
226	31.7	25.4	38.2
229	20.5	16.3	24.5





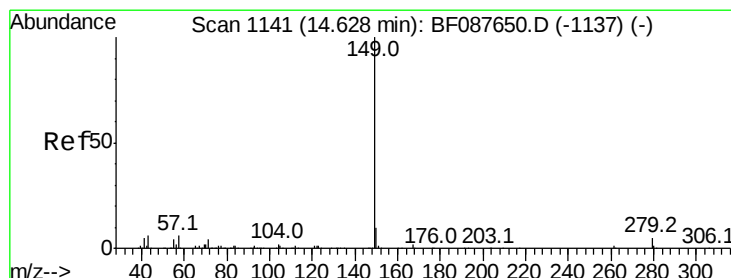
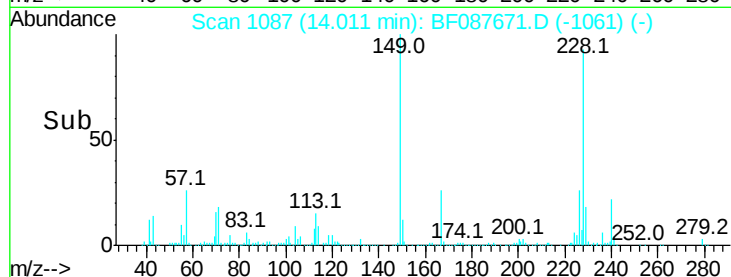
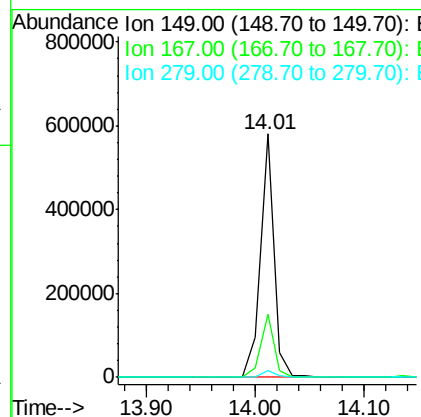
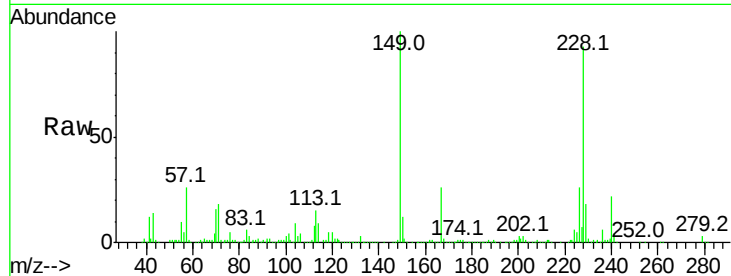
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 43.22 ng
 RT: 14.01 min Scan# 1087
 Delta R.T. -0.00 min
 Lab File: BF087671.D
 Acq: 4 Jun 2016 17:45

Instrument :
 BNA_F
 ClientSampleId :
 PB91024BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
149	100		509407		
167	26.0		20.5	30.7	
279	2.8		2.0	3.0	

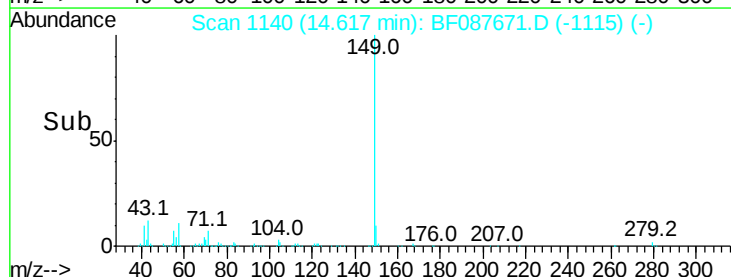
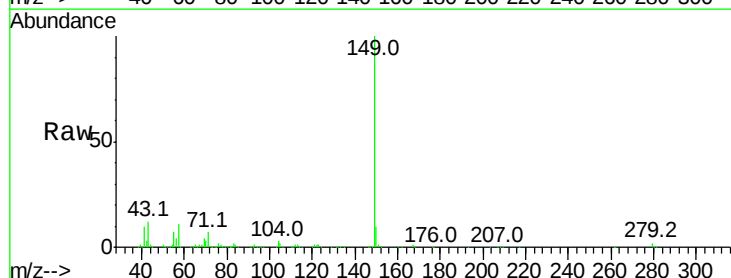
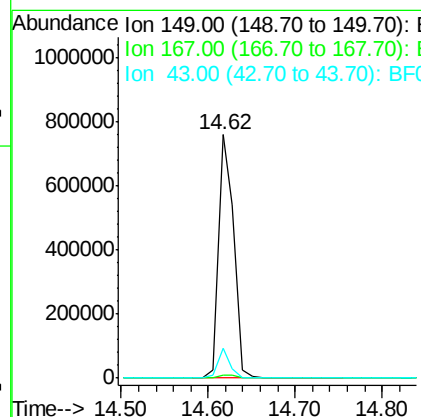
Manual Integrations
 APPROVED

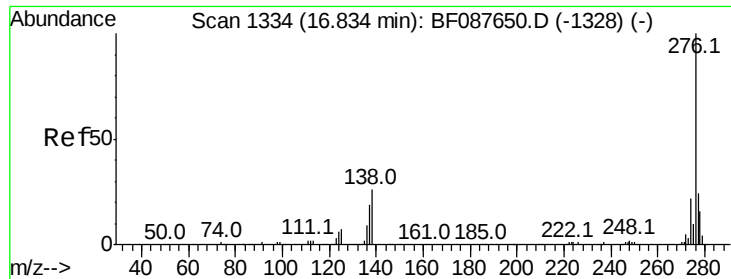
SOHIL
 6/6/2016 7:18:20 PM



#84
 Di-n-octyl phthalate
 Concen: 42.56 ng
 RT: 14.62 min Scan# 1140
 Delta R.T. -0.01 min
 Lab File: BF087671.D
 Acq: 4 Jun 2016 17:45

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
149	100		932626		
167	1.5		0.0	0.0#	
43	9.9		0.0	0.0#	





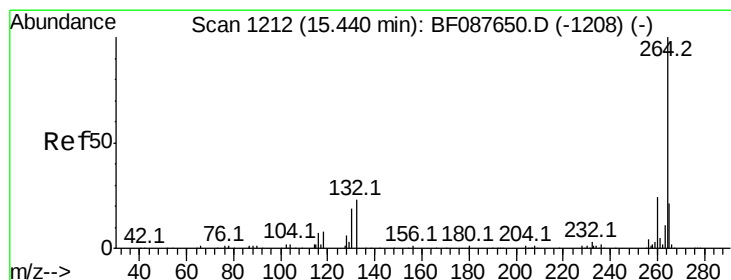
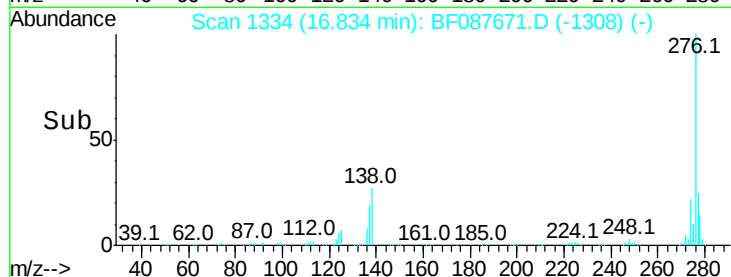
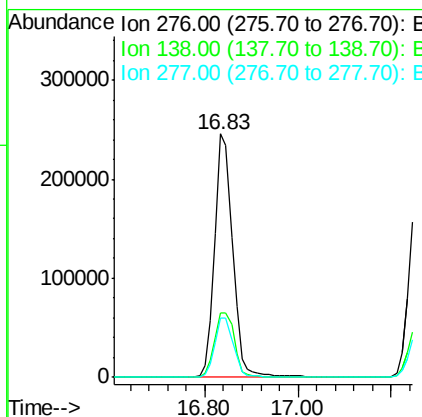
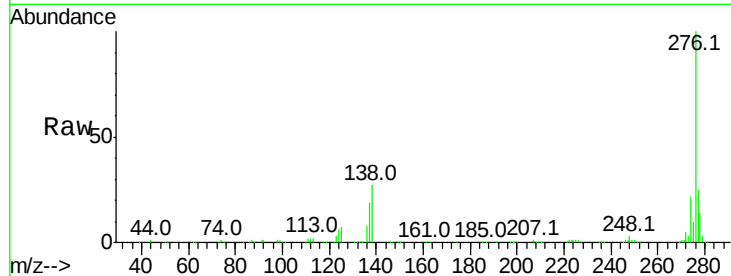
#85
Indeno(1,2,3-cd)pyrene
Concen: 42.62 ng
RT: 16.83 min Scan# 1334
Delta R.T. -0.00 min
Lab File: BF087671.D
Acq: 4 Jun 2016 17:45

Instrument :
BNA_F
ClientSampleId :
PB91024BS

Tot Ion	Ratio	Resp Lower	Upper
276	100		
138	29.8	0.0	0.0#
277	25.2	0.0	0.0#

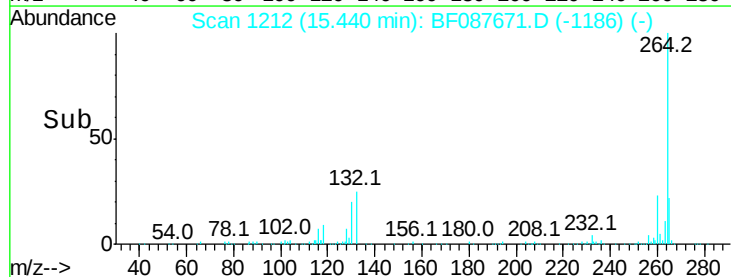
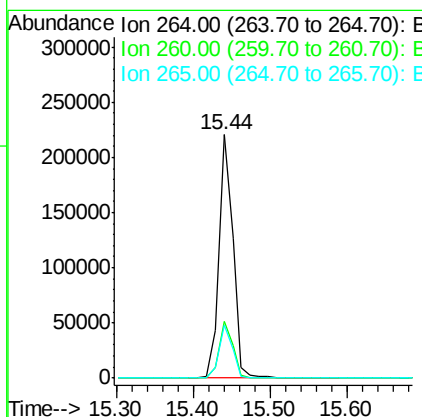
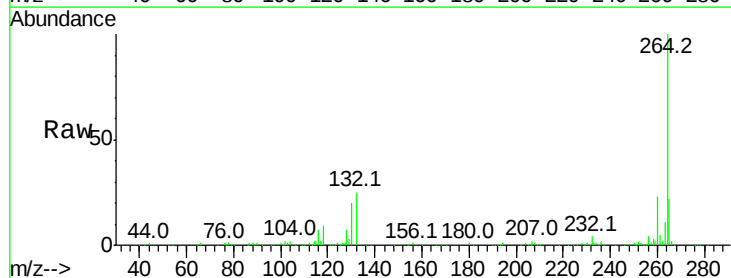
Manual Integrations
APPROVED

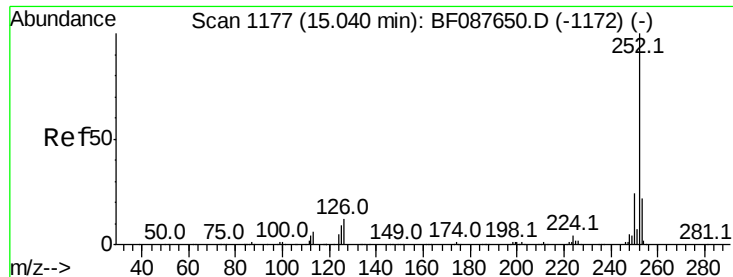
SOHIL
6/6/2016 7:18:20 PM



#86
Perylene-d12
Concen: 20.00 ng
RT: 15.44 min Scan# 1212
Delta R.T. -0.00 min
Lab File: BF087671.D
Acq: 4 Jun 2016 17:45

Tgt Ion	Ratio	Resp Lower	Upper
264	100		
260	23.2	19.2	28.8
265	21.8	16.9	25.3





#87

Benzo(b)fluoranthene

Concen: 41.25 ng

RT: 15.04 min Scan# 1177

Delta R.T. -0.00 min

Lab File: BF087671.D

Acq: 4 Jun 2016 17:45

Instrument :

BNA_F

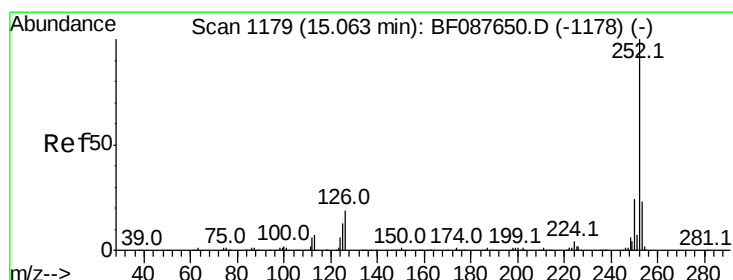
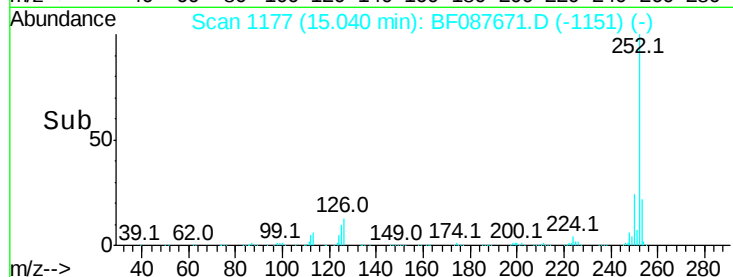
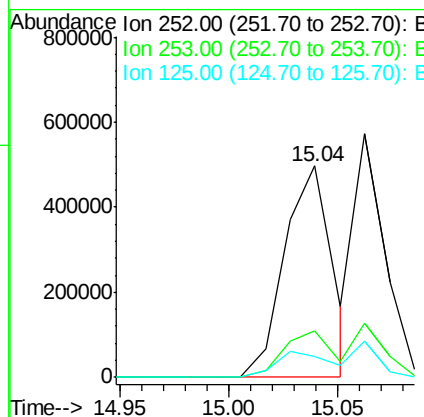
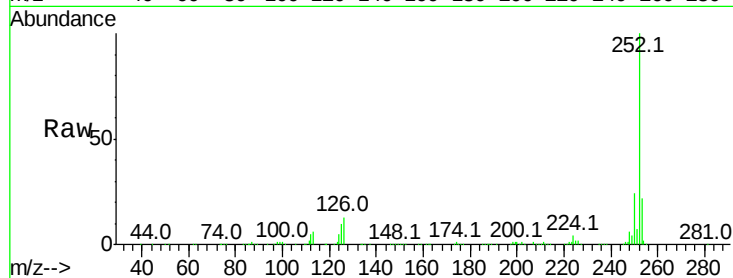
ClientSampleId :

PB91024BS

Tot Ion:	252	Resp:	756062
Ion Ratio	Lower	Upper	
252	100		
253	21.9	17.4	26.2
125	9.7	7.1	10.7

Manual Integrations
APPROVED

SOHIL
6/6/2016 7:18:20 PM



#88

Benzo(k)fluoranthene

Concen: 37.87 ng m

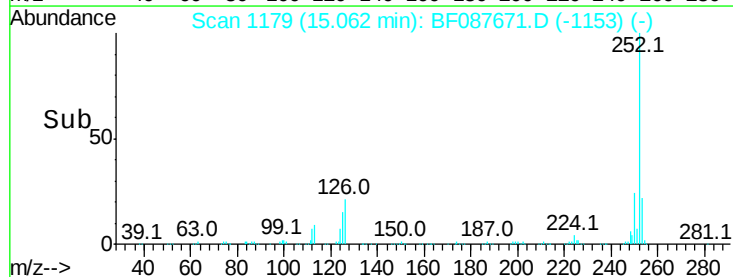
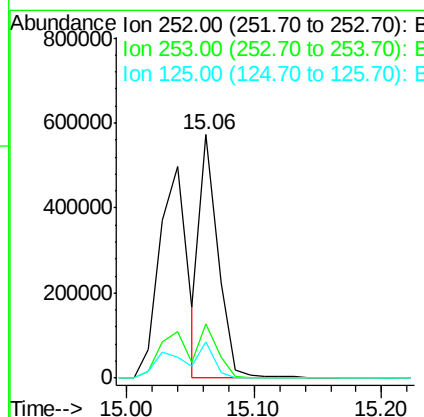
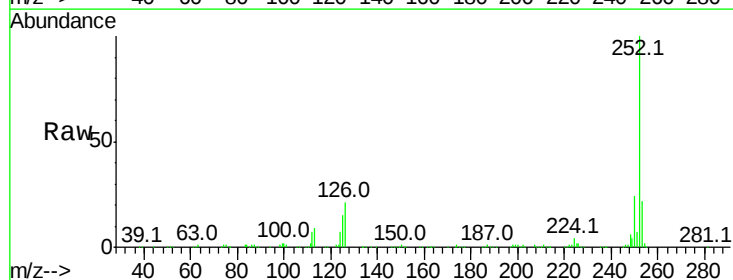
RT: 15.06 min Scan# 1179

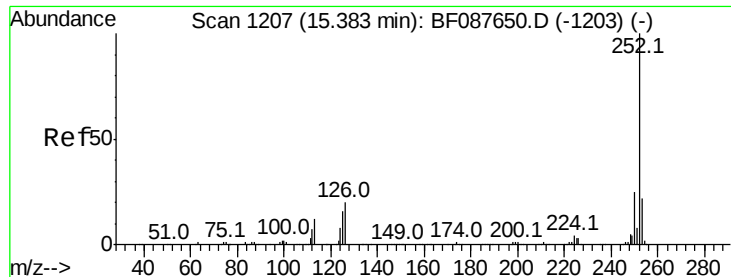
Delta R.T. 0.00 min

Lab File: BF087671.D

Acq: 4 Jun 2016 17:45

Tgt Ion:	252	Resp:	577502
Ion Ratio	Lower	Upper	
252	100		
253	22.4	18.0	27.0
125	14.8	11.2	16.8





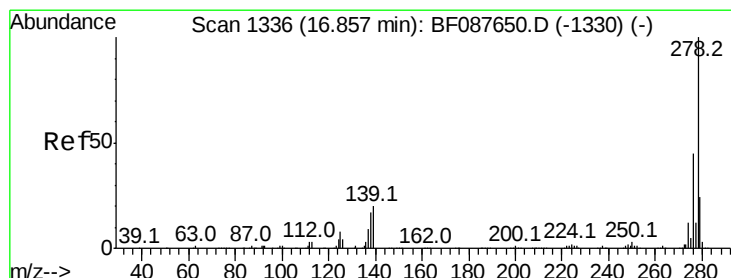
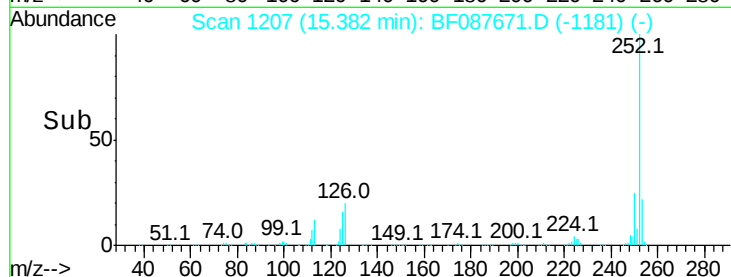
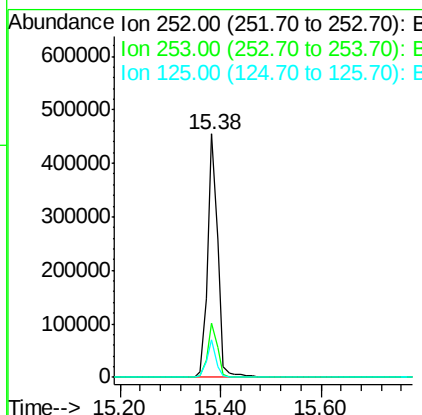
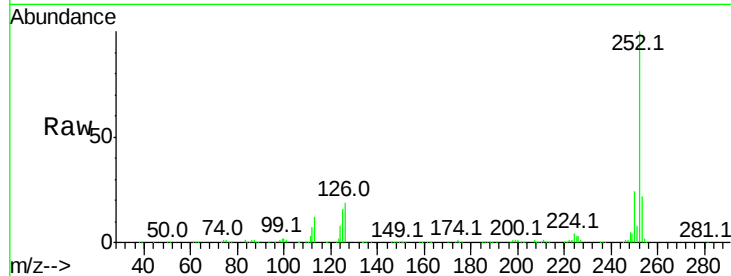
#89
Benzo(a)pyrene
Concen: 40.84 ng
RT: 15.38 min Scan# 1207
Delta R.T. -0.00 min
Lab File: BF087671.D
Acq: 4 Jun 2016 17:45

Instrument :
BNA_F
ClientSampleId :
PB91024BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.9	26.9
125	15.5	12.5	18.7

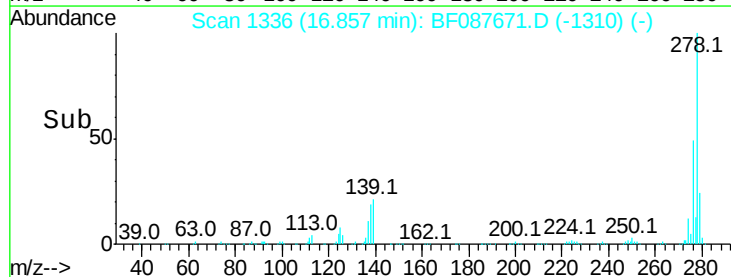
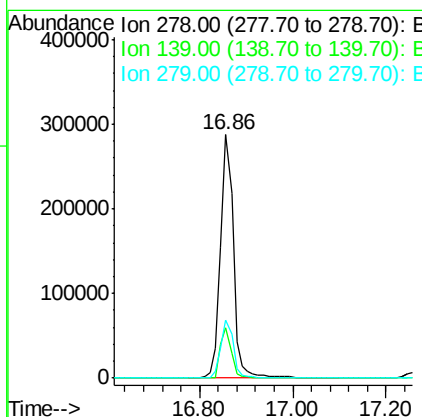
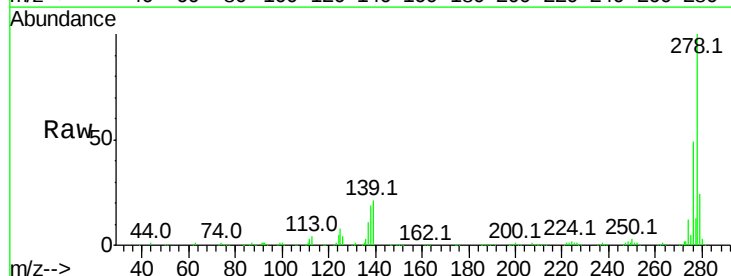
Manual Integrations
APPROVED

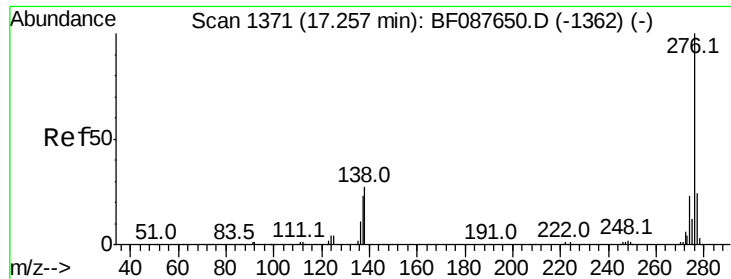
SOHIL
6/6/2016 7:18:20 PM



#90
Dibenzo(a,h)anthracene
Concen: 41.84 ng
RT: 16.86 min Scan# 1336
Delta R.T. -0.00 min
Lab File: BF087671.D
Acq: 4 Jun 2016 17:45

Tgt Ion	Ratio	Lower	Upper
278	100		
139	20.7	15.7	23.5
279	24.1	19.4	29.2





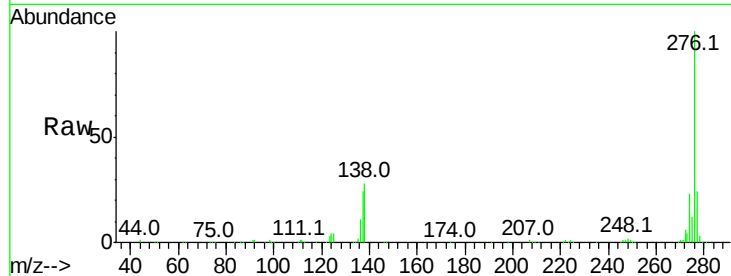
#91
 Benzo(a,h,i)perylene
 Concen: 41.98 ng
 RT: 17.26 min Scan# 1371
 Delta R.T. -0.00 min
 Lab File: BF087671.D
 Acq: 4 Jun 2016 17:45

Instrument :
 BNA_F
 ClientSampleId :
 PB91024BS

Tot Ion:	276	Resp:	555397
Ion Ratio	Lower	Upper	
276	100		
277	23.6	18.9	28.3
138	27.9	21.4	32.2

Manual Integrations
 APPROVED

SOHIL
 6/6/2016 7:18:20 PM



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

