

Data Path : Z:\HPCHEM1\BNA F\DATA\BF060416\
 Data File : BF087669.D
 Acq On : 4 Jun 2016 16:44
 Operator : UM/SJ
 Sample : PB91039BS
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB91039BS

Manual Integrations
 APPROVED

SOHIL
 6/6/2016 7:18:12 PM

Quant Time: Jun 05 01:36:15 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	114002	20.00	ng	-0.01
21) Naphthalene-d8	8.15	136	461322	20.00	ng	0.00
38) Acenaphthene-d10	9.91	164	223248	20.00	ng	0.00
63) Phenanthrene-d10	11.38	188	401591	20.00	ng	0.00
75) Chrysene-d12	14.02	240	306409	20.00	ng	0.00
86) Perylene-d12	15.44	264	277741	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.46	112	554729	78.65	ng	0.01
7) Phenol-d6	6.49	99	743135	84.01	ng	0.00
23) Nitrobenzene-d5	7.43	82	653246	81.93	ng	0.00
41) 2,4,6-Tribromophenol	10.68	330	176991	78.98	ng	0.00
44) 2-Fluorobiphenyl	9.23	172	1216342	82.99	ng	0.00
78) Terphenyl-d14	12.97	244	981736	78.18	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.57	88	102465	30.06	ng	# 27
3) Pyridine	3.28	79	336100	37.32	ng	96
4) n-Nitrosodimethylamine	3.23	42	150802	39.63	ng	98
6) Aniline	6.52	93	283178	22.59	ng	98
8) 2-Chlorophenol	6.64	128	311319	38.36	ng	98
9) Benzaldehyde	6.40	77	19511	3.26	ng	89
10) Phenol	6.50	94	438302	43.52	ng	99
11) bis(2-Chloroethyl)ether	6.59	93	263672	36.03	ng	97
12) 1,3-Dichlorobenzene	6.80	146	321566	37.01	ng	99
13) 1,4-Dichlorobenzene	6.88	146	352738	40.45	ng	98
14) 1,2-Dichlorobenzene	7.03	146	298582m	36.53	ng	
15) Benzyl Alcohol	7.00	79	229566	35.13	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.14	45	416629	39.04	ng	97
17) 2-Methylphenol	7.12	107	281982	43.27	ng	96
18) Hexachloroethane	7.38	117	122624	40.22	ng	92
19) n-Nitroso-di-n-propylamine	7.28	70	203176	36.78	ng	97
20) 3+4-Methylphenols	7.27	107	317056	39.71	ng	93
22) Acetophenone	7.27	105	426165	40.79	ng	# 80
24) Nitrobenzene	7.44	77	314701	39.44	ng	# 86
25) Isophorone	7.69	82	603571	41.58	ng	97
26) 2-Nitrophenol	7.76	139	150658	40.63	ng	99
27) 2,4-Dimethylphenol	7.80	122	329121	42.83	ng	98
28) bis(2-Chloroethoxy)methane	7.90	93	349389	37.94	ng	97
29) 2,4-Dichlorophenol	8.00	162	258943	41.03	ng	99
30) 1,2,4-Trichlorobenzene	8.09	180	282584	42.76	ng	99
31) Naphthalene	8.17	128	966054	43.07	ng	100
32) Benzoic acid	7.92	122	204239	44.06	ng	99
33) 4-Chloroaniline	8.22	127	158350	16.25	ng	94
34) Hexachlorobutadiene	8.30	225	142838	41.57	ng	99
35) Caprolactam	8.58	113	86559m	41.75	ng	
36) 4-Chloro-3-methylphenol	8.70	107	283407	43.41	ng	97
37) 2-Methylnaphthalene	8.86	142	596667	40.28	ng	# 97
39) 1,2,4,5-Tetrachlorobenzene	9.03	216	243929	39.65	ng	# 1
40) Hexachlorocyclopentadiene	9.02	237	278240	76.88	ng	99

Data Path : Z:\HPCHEM1\BNA F\DATA\BF060416\
 Data File : BF087669.D
 Acq On : 4 Jun 2016 16:44
 Operator : UM/SJ
 Sample : PB91039BS
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB91039BS

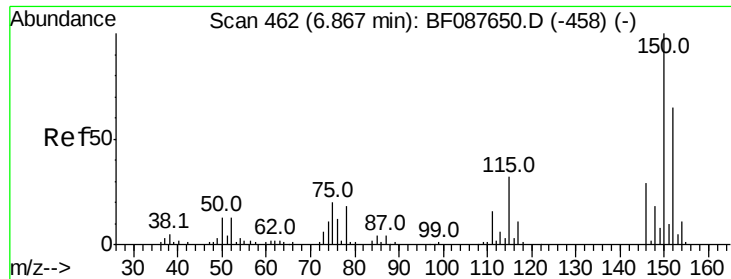
Manual Integrations
 APPROVED

SOHIL
 6/6/2016 7:18:12 PM

Quant Time: Jun 05 01:36:15 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	182023	39.17	nq	99
43) 2,4,5-Trichlorophenol	9.18	196	188600	43.61	nq #	90
45) 1,1'-Biphenyl	9.32	154	683759	37.74	nq	100
46) 2-Chloronaphthalene	9.35	162	542228	37.60	nq	99
47) 2-Nitroaniline	9.44	65	158645	39.07	nq	99
48) Acenaphthylene	9.77	152	951225	42.29	nq	99
49) Dimethylphthalate	9.63	163	700377	43.15	nq	100
50) 2,6-Dinitrotoluene	9.69	165	166669	45.13	nq	95
51) Acenaphthene	9.94	154	622925	43.05	nq	99
52) 3-Nitroaniline	9.85	138	96513	22.85	nq	95
53) 2,4-Dinitrophenol	9.95	184	134627	80.32	nq #	89
54) Dibenzofuran	10.11	168	852989	43.29	nq	98
55) 4-Nitrophenol	10.01	139	256831	71.15	nq	94
56) 2,4-Dinitrotoluene	10.09	165	223902	47.62	nq #	79
57) Fluorene	10.46	166	613448	39.83	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.23	232	159509	42.82	nq #	57
59) Diethylphthalate	10.33	149	655153	40.19	nq	100
60) 4-Chlorophenyl-phenylether	10.44	204	262530	43.79	nq	100
61) 4-Nitroaniline	10.47	138	163206	40.19	nq	95
62) Azobenzene	10.60	77	714603	43.56	nq	99
64) 4,6-Dinitro-2-methylphenol	10.49	198	92566	41.74	nq	98
65) n-Nitrosodiphenylamine	10.56	169	533737	40.58	nq	100
66) 4-Bromophenyl-phenylether	10.94	248	181491	45.58	nq	97
67) Hexachlorobenzene	10.99	284	179415	40.29	nq	97
68) Atrazine	11.10	200	175782	45.11	nq	98
69) Pentachlorophenol	11.19	266	222713	84.17	nq	99
70) Phenanthrene	11.40	178	853992	39.22	nq	100
71) Anthracene	11.46	178	949792	43.53	nq	100
72) Carbazole	11.61	167	822804	39.84	nq	100
73) Di-n-butylphthalate	11.95	149	1014522	45.82	nq	100
74) Fluoranthene	12.59	202	944734	44.09	nq	100
76) Benzidine	12.72	184	283811	23.49	nq	99
77) Pyrene	12.82	202	960541	44.02	nq	100
79) Butylbenzylphthalate	13.45	149	450327	48.50	nq	99
80) Benzo(a)anthracene	14.01	228	761628	43.07	nq	99
81) 3,3'-Dichlorobenzidine	13.98	252	131358	26.33	nq	100
82) Chrysene	14.05	228	771688	43.84	nq	99
83) Bis(2-ethylhexyl)phthalate	14.01	149	515926	46.69	nq	99
84) Di-n-octyl phthalate	14.62	149	953854	46.43	nq #	100
85) Indeno(1,2,3-cd)pyrene	16.83	276	667530	45.88	nq #	100
87) Benzo(b)fluoranthene	15.04	252	766967	42.45	nq	98
88) Benzo(k)fluoranthene	15.06	252	626144m	41.65	nq	
89) Benzo(a)pyrene	15.38	252	653677	43.04	nq	100
90) Dibenzo(a,h)anthracene	16.86	278	554090	42.87	nq	99
91) Benzo(g,h,i)perylene	17.26	276	566825	43.47	nq	100

(#) = 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: BF087669.D

Acq: 4 Jun 2016 16:44

Instrument :

BNA_F

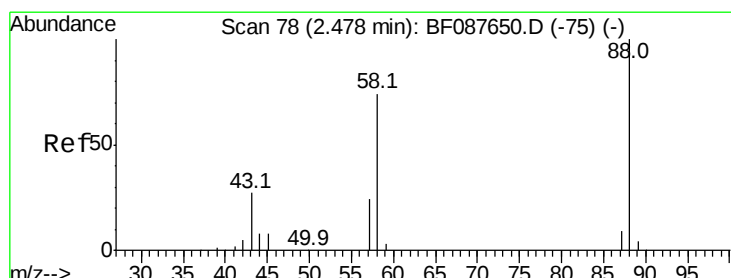
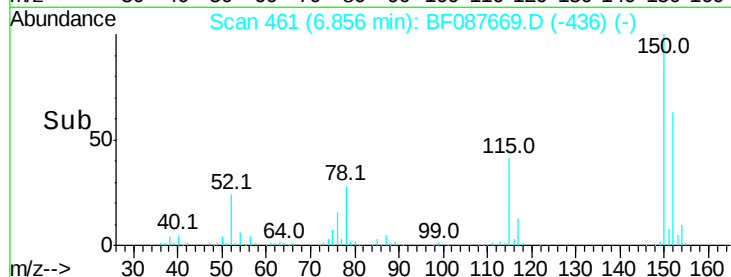
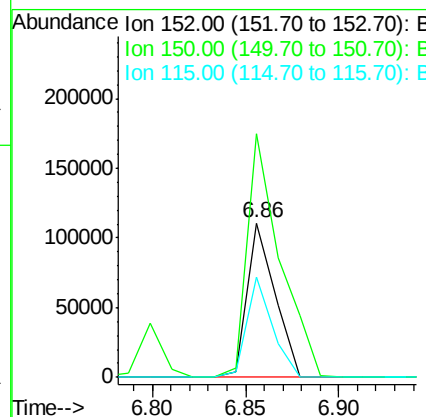
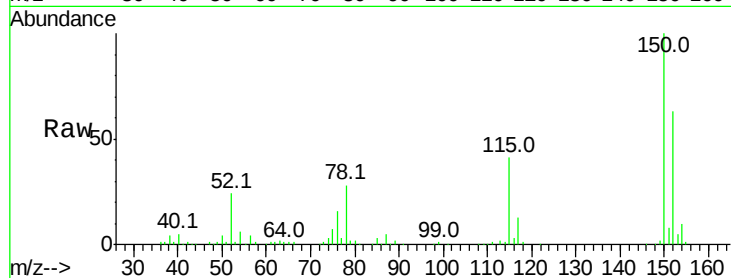
ClientSampleId :

PB91039BS

Tot Ion:	152	Resp:	114002
Ion Ratio	Lower	Upper	
152	100		
150	157.9	123.8	185.6
115	65.3	39.6	59.4#

Manual Integrations
APPROVED

SOHIL
6/6/2016 7:18:12 PM



#2

1,4-Dioxane

Concen: 30.06 ng

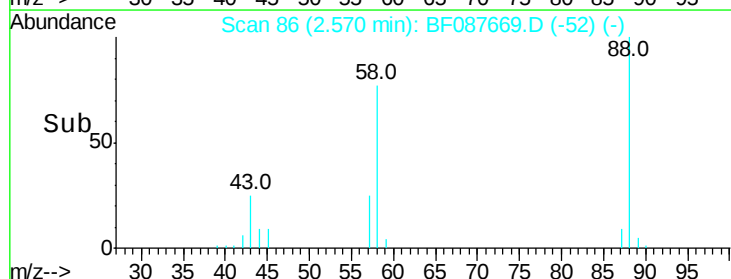
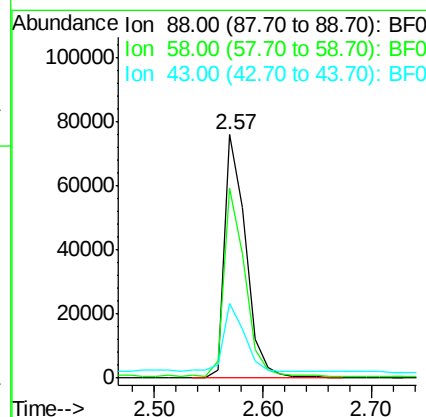
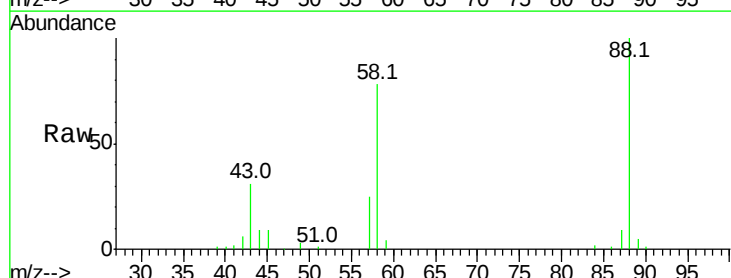
RT: 2.57 min Scan# 86

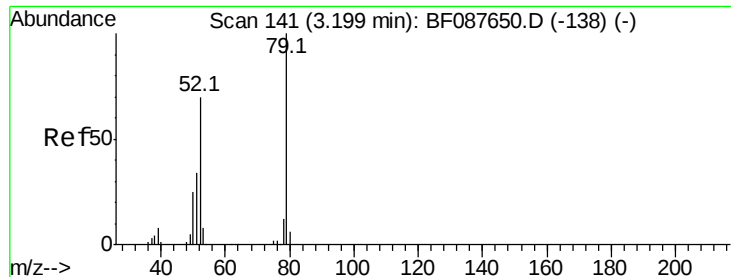
Delta R.T. 0.09 min

Lab File: BF087669.D

Acq: 4 Jun 2016 16:44

Tgt Ion:	88	Resp:	102465
Ion Ratio	Lower	Upper	
88	100		
58	76.3	0.0	0.0#
43	28.5	3.4	5.2#





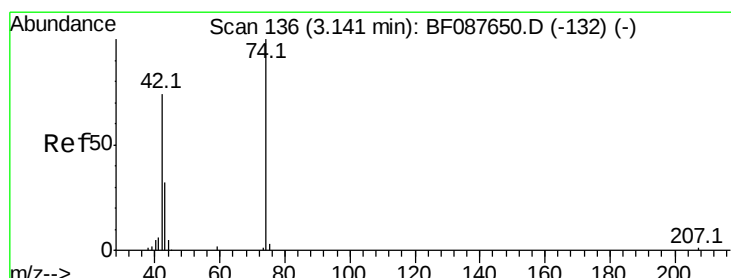
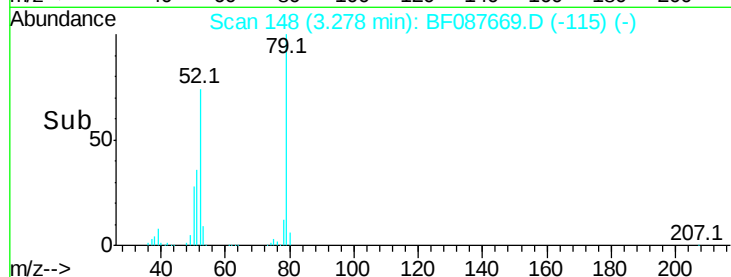
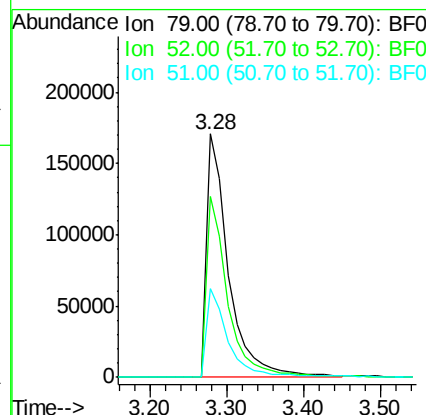
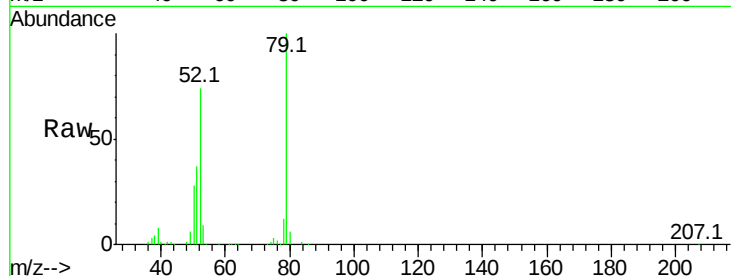
#3
 Pvridine
 Concen: 37.32 ng
 RT: 3.28 min Scan# 148
 Delta R.T. 0.08 min
 Lab File: BF087669.D
 Acq: 4 Jun 2016 16:44

Instrument :
 BNA_F
 ClientSampleId :
 PB91039BS

Tot Ion	Ratio	Lower	Upper
79	100		
52	74.0	56.3	84.5
51	36.6	27.4	41.2

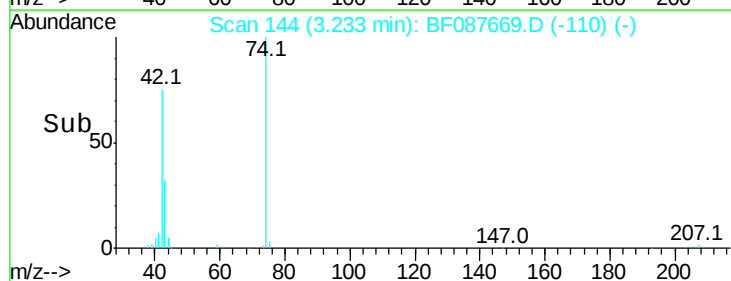
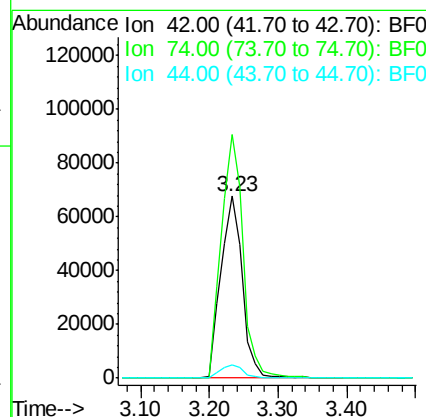
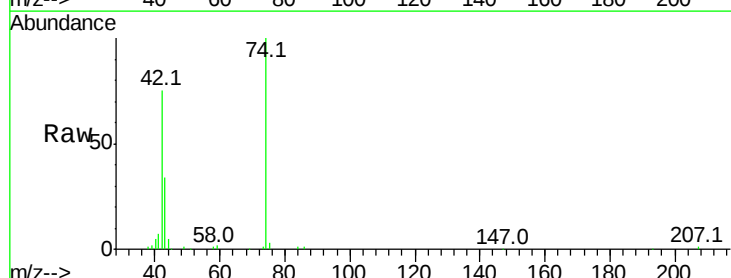
Manual Integrations
 APPROVED

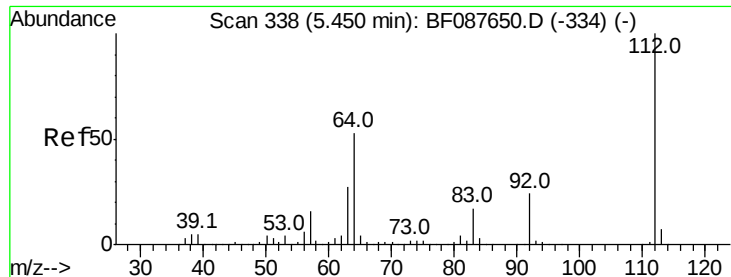
SOHIL
 6/6/2016 7:18:12 PM



#4
 n-Nitrosodimethylamine
 Concen: 39.63 ng
 RT: 3.23 min Scan# 144
 Delta R.T. 0.09 min
 Lab File: BF087669.D
 Acq: 4 Jun 2016 16:44

Tgt Ion	Ratio	Lower	Upper
42	100		
74	133.7	108.6	163.0
44	7.1	5.5	8.3





#5

2-Fluorophenol

Concen: 78.65 ng

RT: 5.46 min Scan# 339

Delta R.T. 0.01 min

Lab File: BF087669.D

Acq: 4 Jun 2016 16:44

Instrument :

BNA_F

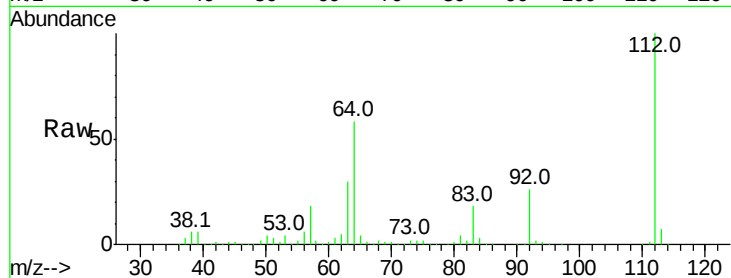
ClientSampleId :

PB91039BS

Tot Ion:	112	Resp:	554729
Ion Ratio	Lower	Upper	
112	100		
64	58.0	42.2	63.2
63	29.8	21.8	32.8

Manual Integrations
APPROVED

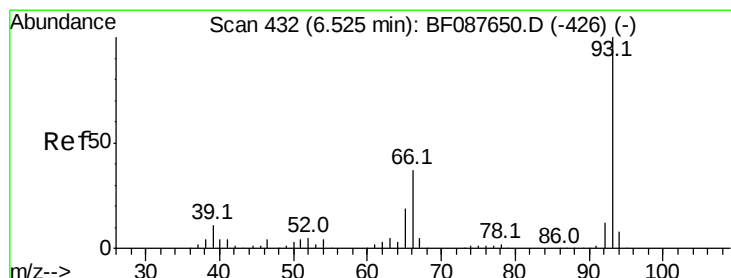
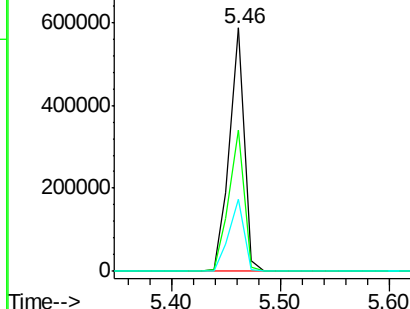
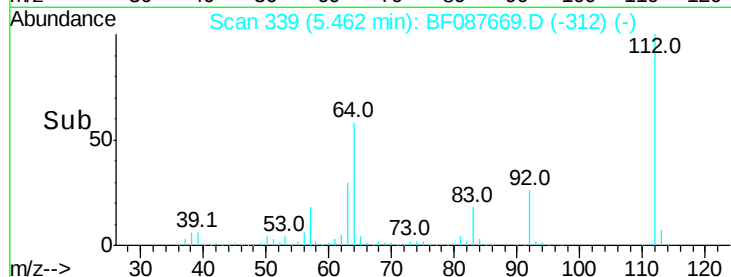
SOHIL
6/6/2016 7:18:12 PM



Abundance Ion 112.00 (111.70 to 112.70): BF087650.D (-334) (-)

Ion 64.00 (63.70 to 64.70): BF087650.D (-334) (-)

Ion 63.00 (62.70 to 63.70): BF087650.D (-334) (-)



#6

Aniline

Concen: 22.59 ng

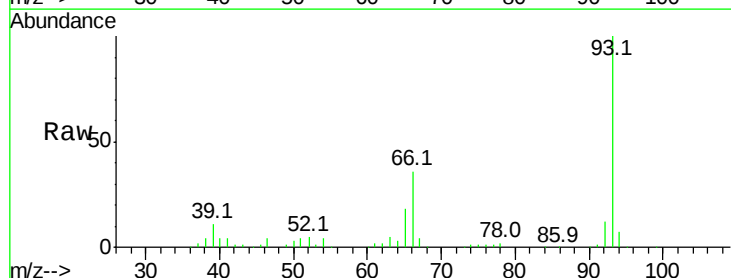
RT: 6.52 min Scan# 432

Delta R.T. -0.00 min

Lab File: BF087669.D

Acq: 4 Jun 2016 16:44

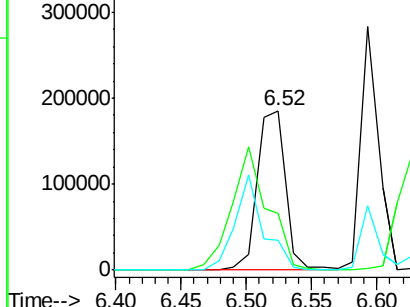
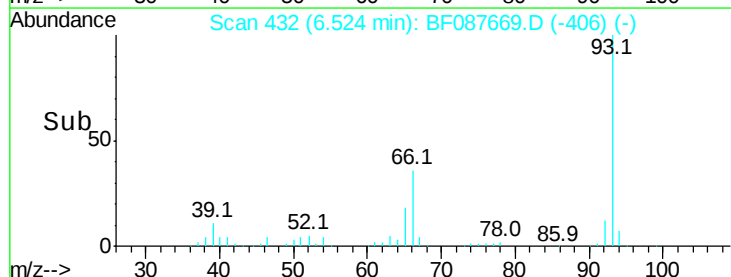
Tgt Ion:	93	Resp:	283178
Ion Ratio	Lower	Upper	
93	100		
66	35.5	29.8	44.8
65	18.4	14.9	22.3

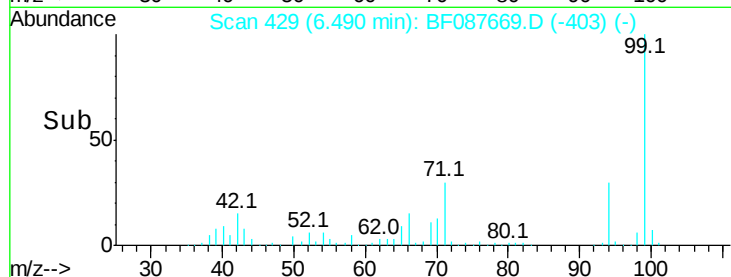
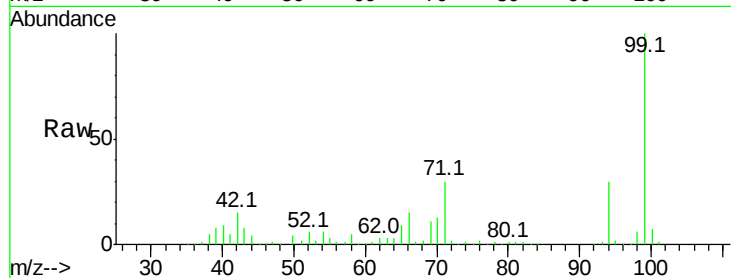
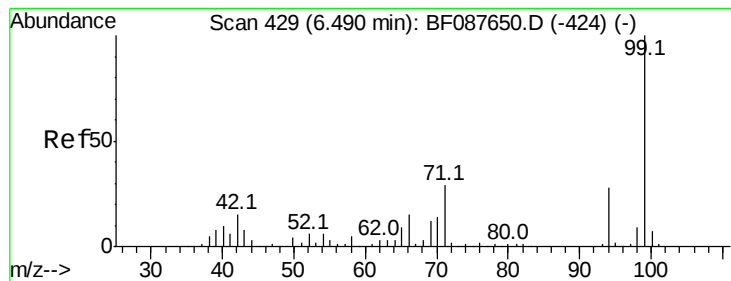


Abundance Ion 93.00 (92.70 to 93.70): BF087650.D (-426) (-)

Ion 66.00 (65.70 to 66.70): BF087650.D (-426) (-)

Ion 65.00 (64.70 to 65.70): BF087650.D (-426) (-)





#7

Phenol-d6

Concen: 84.01 ng

RT: 6.49 min Scan# 429

Delta R.T. -0.00 min

Lab File: BF087669.D

Acq: 4 Jun 2016 16:44

Tot Ion:	99	Resp:	743135
Ion Ratio	Lower	Upper	
99	100		
42	15.1	12.2	18.2
71	29.6	23.4	35.0

Instrument :

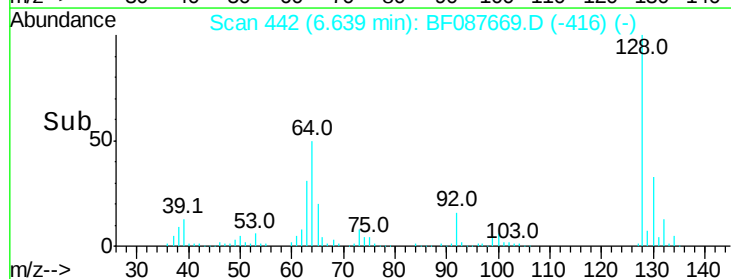
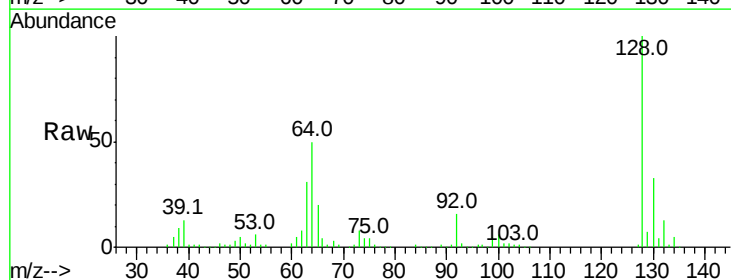
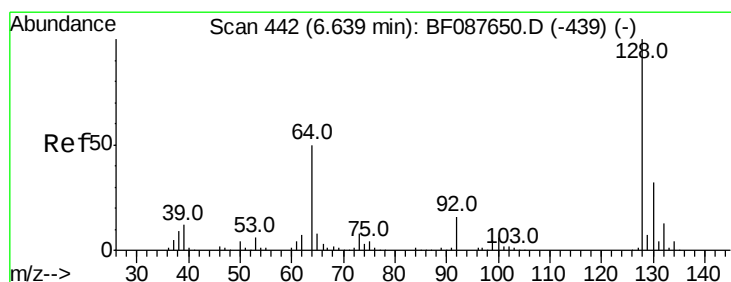
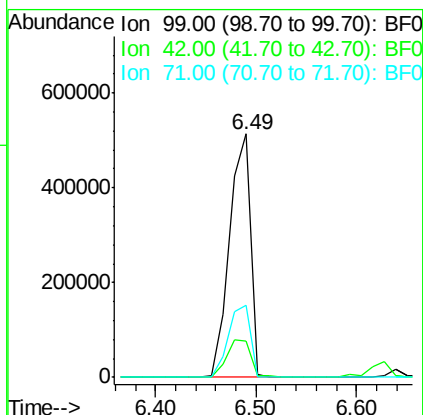
BNA_F

ClientSampleId :

PB91039BS

Manual Integrations
APPROVED

SOHIL
6/6/2016 7:18:12 PM



#8

2-Chlorophenol

Concen: 38.36 ng

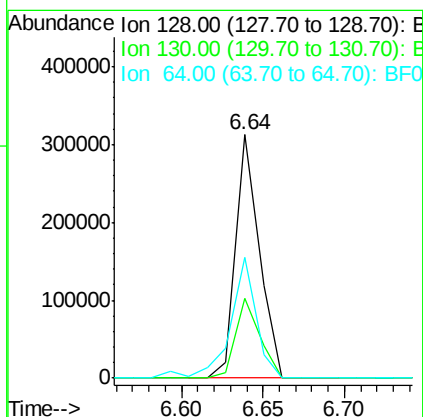
RT: 6.64 min Scan# 442

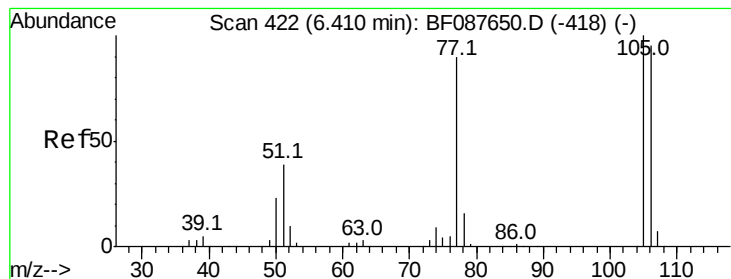
Delta R.T. -0.00 min

Lab File: BF087669.D

Acq: 4 Jun 2016 16:44

Tgt Ion:	128	Resp:	311319
Ion Ratio	Lower	Upper	
128	100		
130	32.9	12.0	52.0
64	49.7	30.8	70.8





#9

Benzaldehyde

Concen: 3.26 ng

RT: 6.40 min Scan# 421

Delta R.T. -0.01 min

Lab File: BF087669.D

Acq: 4 Jun 2016 16:44

Instrument :

BNA_F

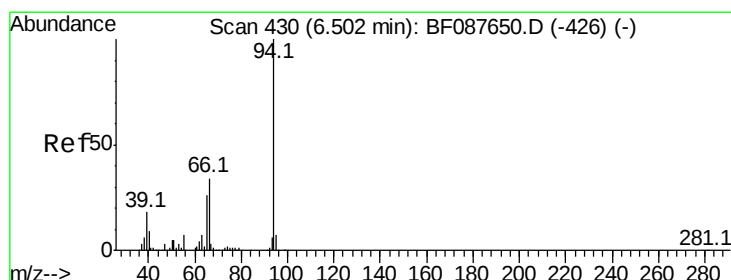
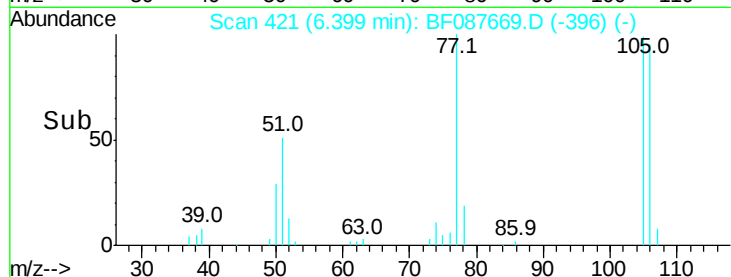
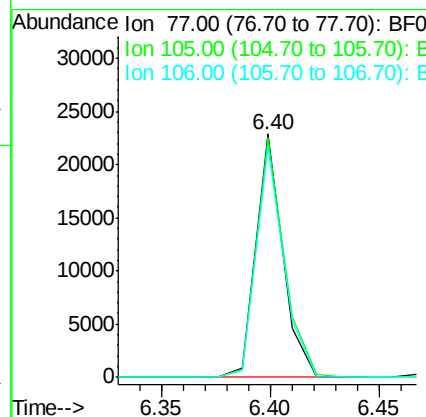
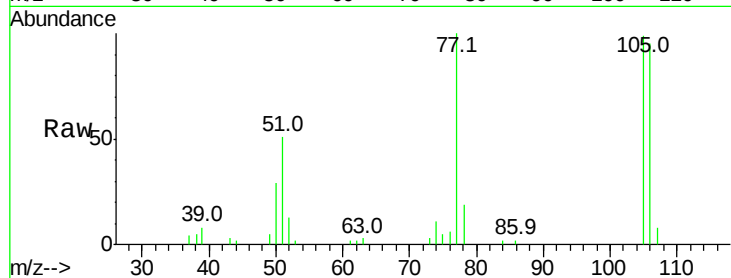
ClientSampleId :

PB91039BS

Tot Ion:	77	Resp:	19511
Ion Ratio	Lower	Upper	
77	100		
105	98.7	90.6	130.6
106	94.6	85.3	125.3

Manual Integrations
APPROVED

SOHIL
6/6/2016 7:18:12 PM



#10

Phenol

Concen: 43.52 ng

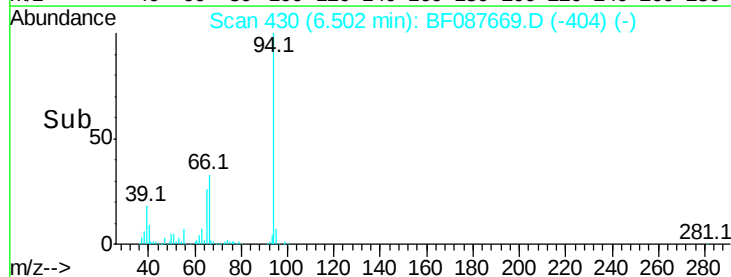
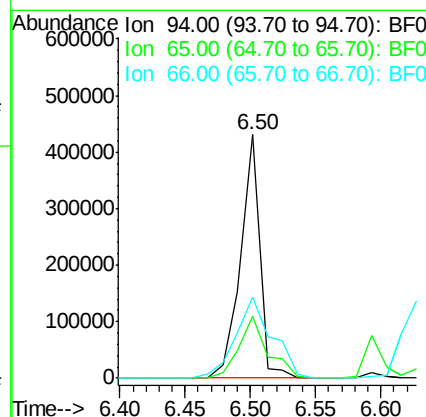
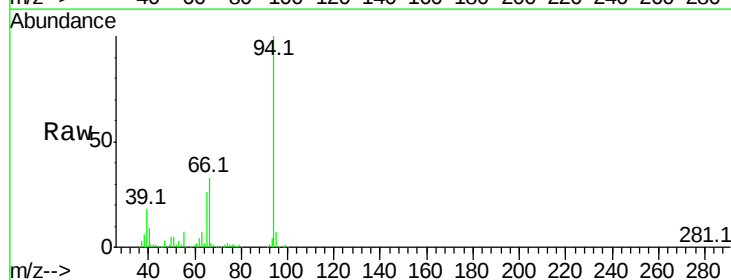
RT: 6.50 min Scan# 430

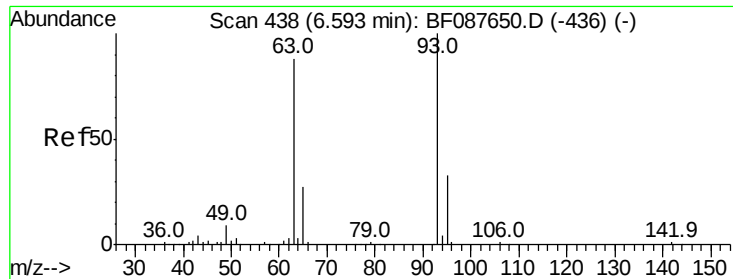
Delta R.T. -0.00 min

Lab File: BF087669.D

Acq: 4 Jun 2016 16:44

Tgt Ion:	94	Resp:	438302
Ion Ratio	Lower	Upper	
94	100		
65	25.5	5.9	45.9
66	33.1	14.0	54.0





#11

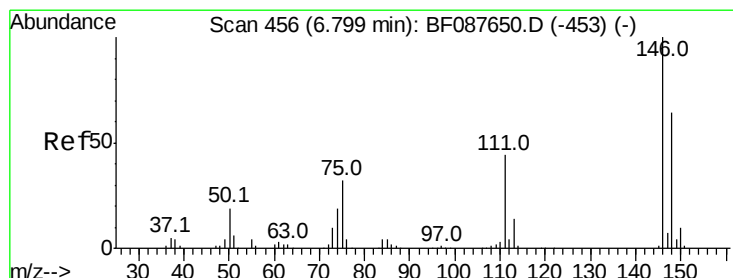
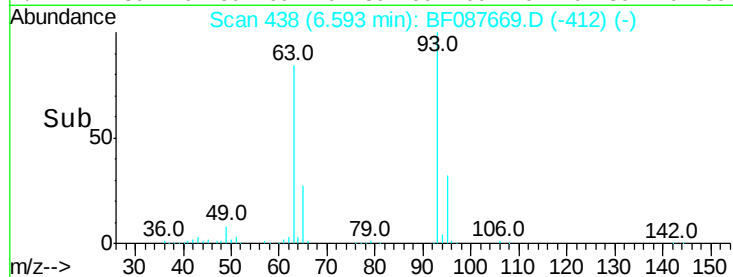
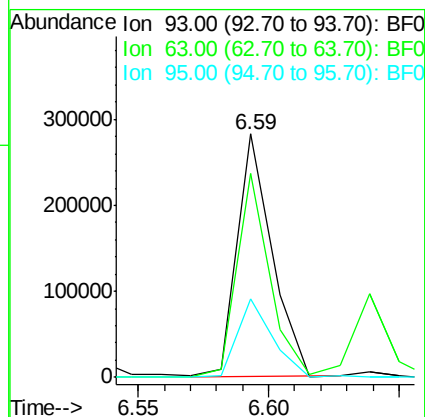
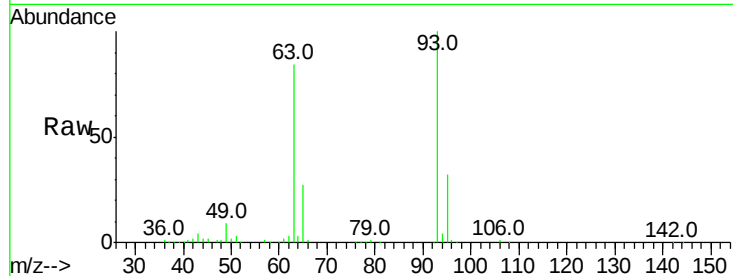
bis(2-Chloroethyl)ether
Concen: 36.03 ng
RT: 6.59 min Scan# 438
Delta R.T. -0.00 min
Lab File: BF087669.D
Acq: 4 Jun 2016 16:44

Instrument :
BNA_F
ClientSampleId :
PB91039BS

Tot Ion	Ratio	Lower	Upper
93	100		
63	83.9	67.6	107.6
95	32.4	12.5	52.5

Manual Integrations
APPROVED

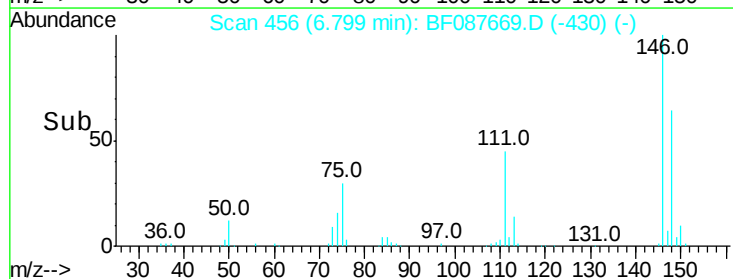
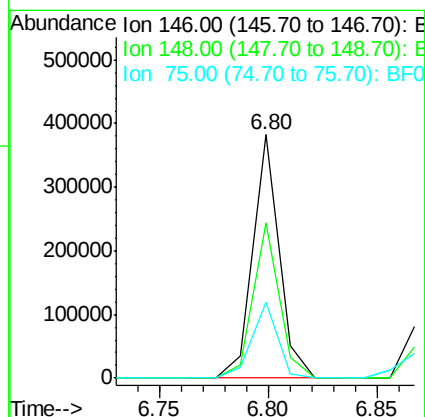
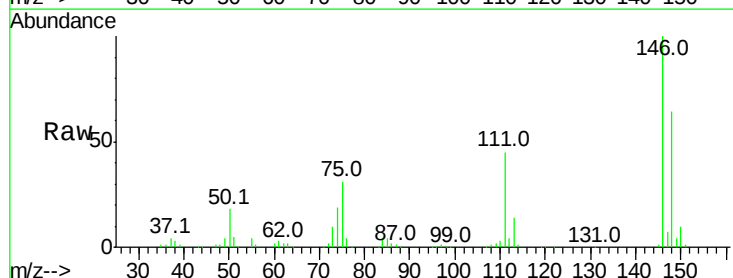
SOHIL
6/6/2016 7:18:12 PM

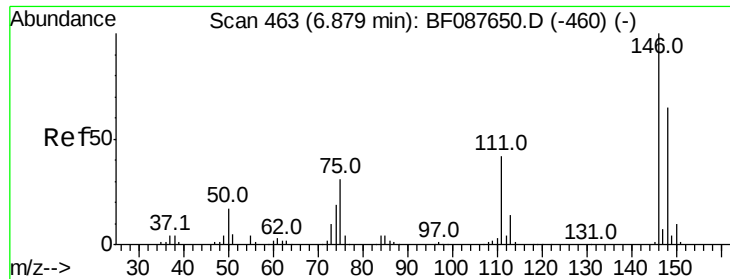


#12

1,3-Dichlorobenzene
Concen: 37.01 ng
RT: 6.80 min Scan# 456
Delta R.T. -0.00 min
Lab File: BF087669.D
Acq: 4 Jun 2016 16:44

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.0	50.9	76.3
75	31.3	25.6	38.4





#13

1,4-Dichlorobenzene

Concen: 40.45 ng

RT: 6.88 min Scan# 463

Delta R.T. -0.00 min

Lab File: BF087669.D

Acq: 4 Jun 2016 16:44

Instrument :

BNA_F

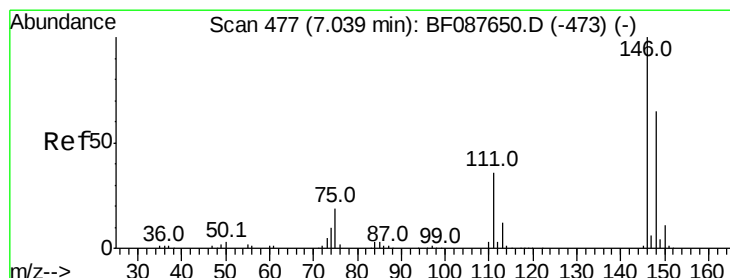
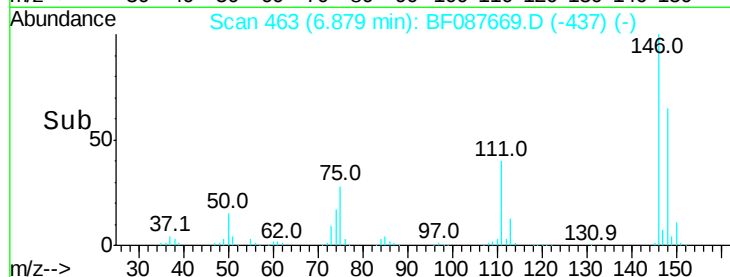
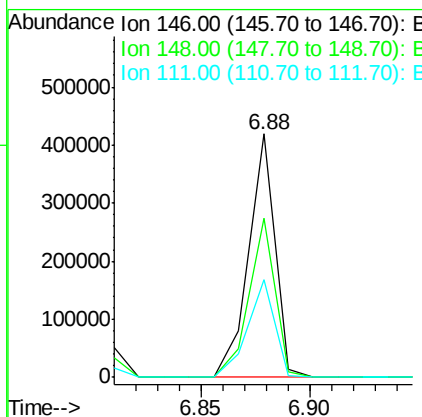
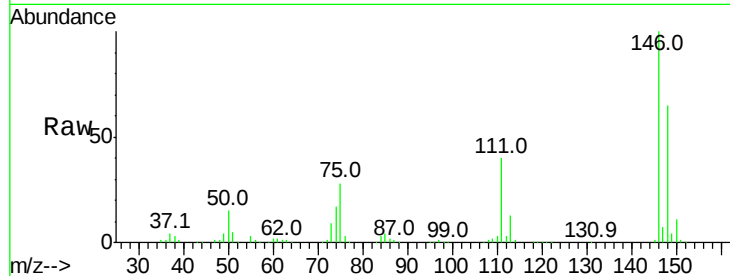
ClientSampleId :

PB91039BS

Tot Ion:	146	Resp:	352738
Ion Ratio	Lower	Upper	
146	100		
148	65.1	52.0	78.0
111	40.0	33.8	50.8

Manual Integrations
APPROVED

SOHIL
6/6/2016 7:18:12 PM



#14

1,2-Dichlorobenzene

Concen: 36.53 ng m

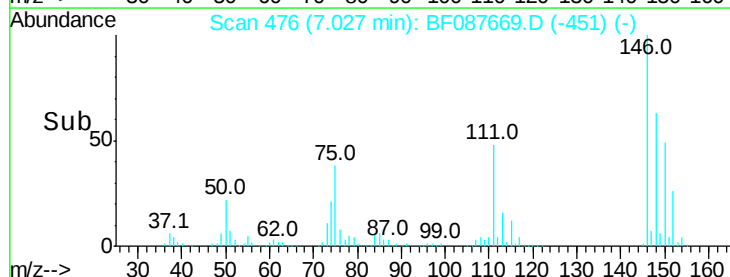
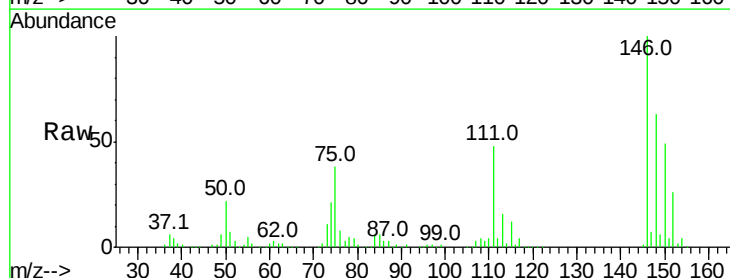
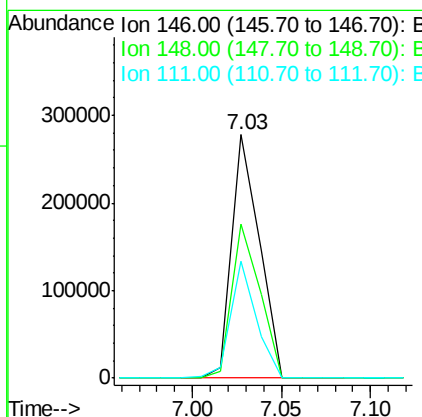
RT: 7.03 min Scan# 476

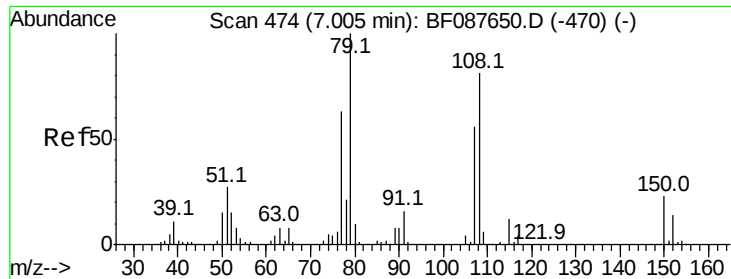
Delta R.T. -0.01 min

Lab File: BF087669.D

Acq: 4 Jun 2016 16:44

Tgt Ion:	146	Resp:	298582
Ion Ratio	Lower	Upper	
146	100		
148	63.5	52.3	78.5
111	48.0	28.7	43.1#





#15

Benzyl Alcohol

Concen: 35.13 ng

RT: 7.00 min Scan# 474

Delta R.T. -0.00 min

Lab File: BF087669.D

Acq: 4 Jun 2016 16:44

Instrument :

BNA_F

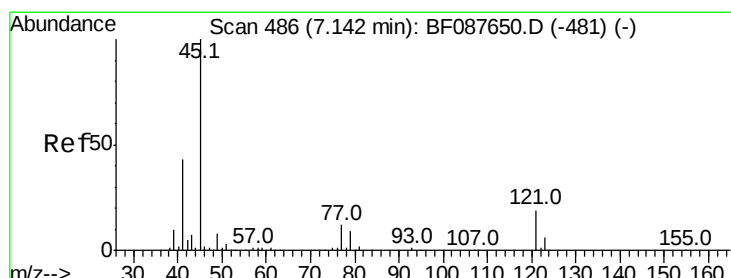
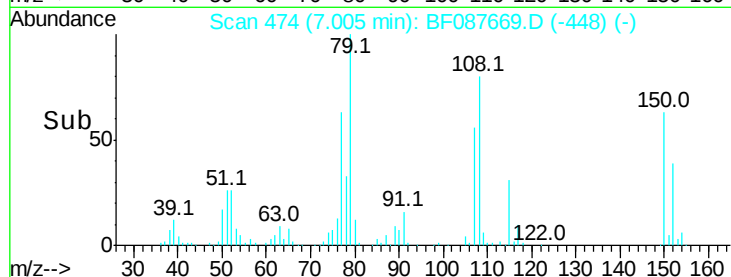
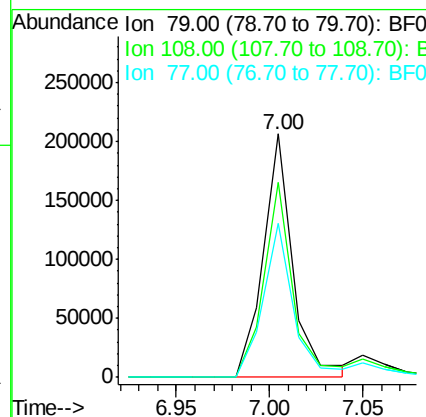
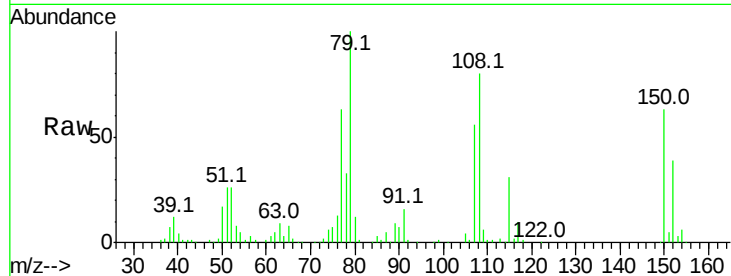
ClientSampled :

PB91039BS

Tot Ion:	79	Resp:	229566
Ion Ratio	Lower	Upper	
79	100		
108	79.9	65.0	97.6
77	63.5	50.3	75.5

Manual Integrations
APPROVED

SOHIL
6/6/2016 7:18:12 PM



#16

2,2'-oxybis(1-chloropropane)

Concen: 39.04 ng

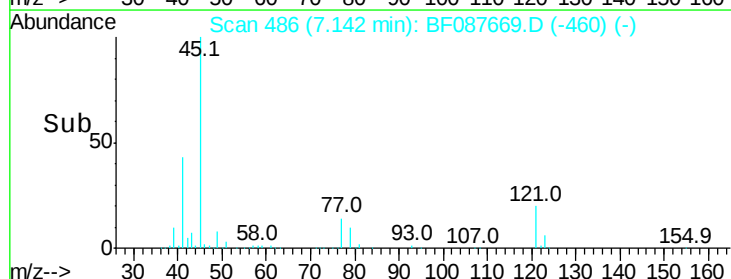
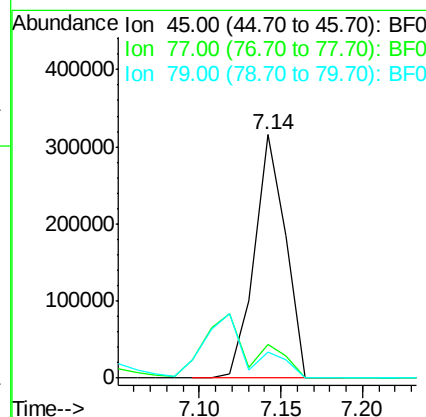
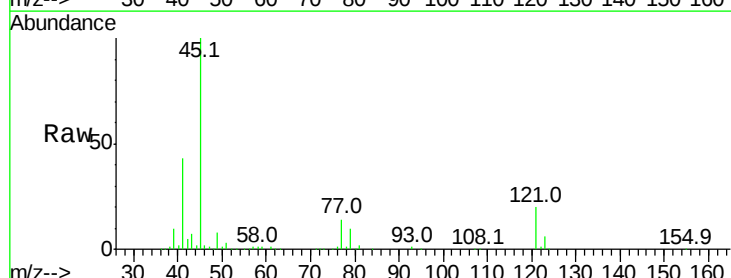
RT: 7.14 min Scan# 486

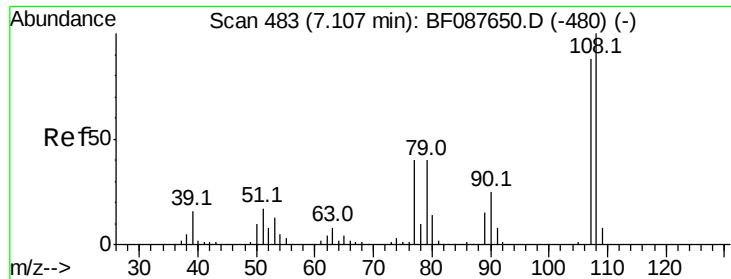
Delta R.T. -0.00 min

Lab File: BF087669.D

Acq: 4 Jun 2016 16:44

Tgt Ion:	45	Resp:	416629
Ion Ratio	Lower	Upper	
45	100		
77	13.7	0.0	32.5
79	10.4	0.0	29.5





#17

2-Methylphenol

Concen: 43.27 ng

RT: 7.12 min Scan# 484

Delta R.T. 0.01 min

Lab File: BF087669.D

Acq: 4 Jun 2016 16:44

Instrument :

BNA_F

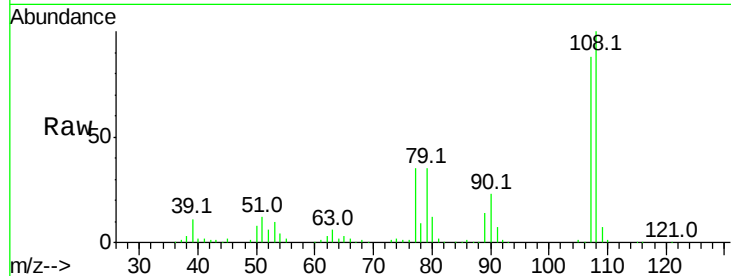
ClientSampleId :

PB91039BS

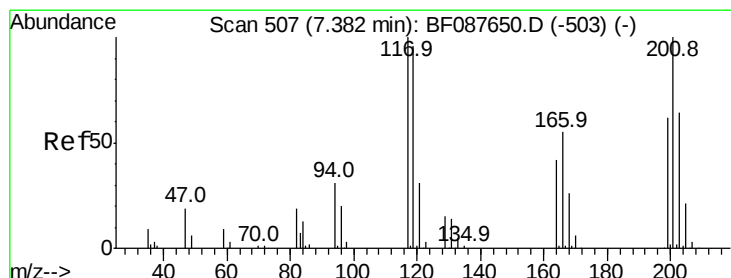
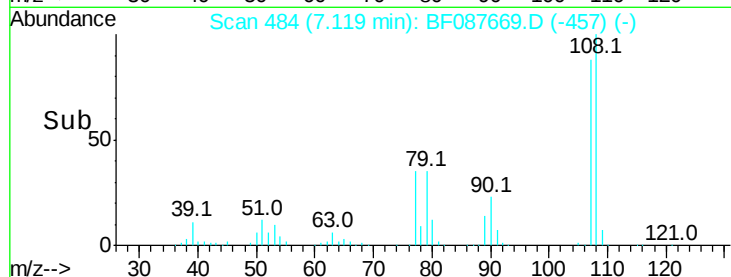
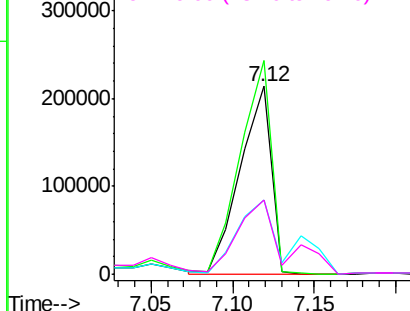
Tot Ion	Ratio	Resp	Lower	Upper
107	100	281982		
108	113.6	90.9	136.3	
77	39.4	36.6	55.0	
79	39.3	36.5	54.7	

Manual Integrations
APPROVED

SOHIL
6/6/2016 7:18:12 PM



Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0



#18

Hexachloroethane

Concen: 40.22 ng

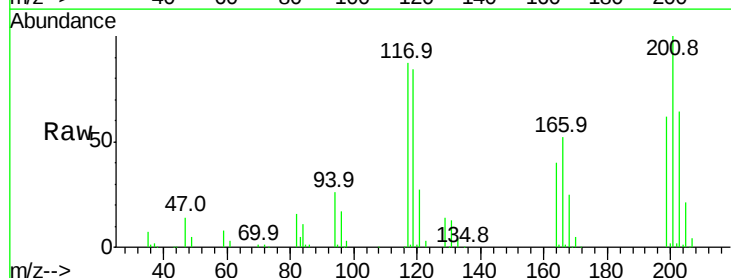
RT: 7.38 min Scan# 507

Delta R.T. -0.00 min

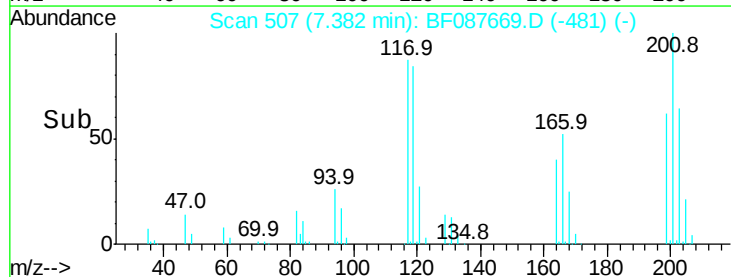
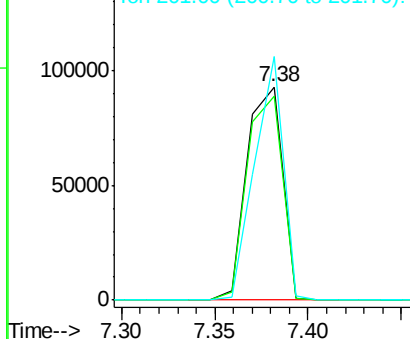
Lab File: BF087669.D

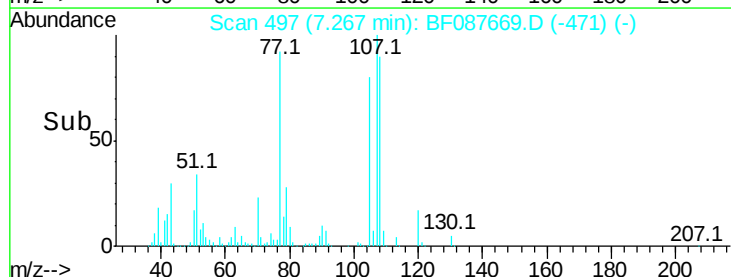
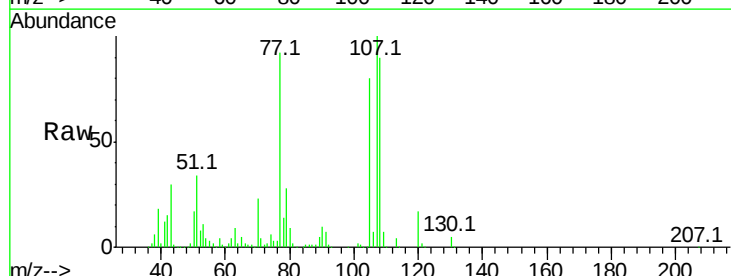
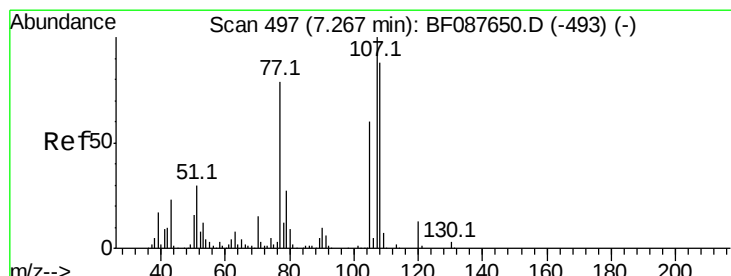
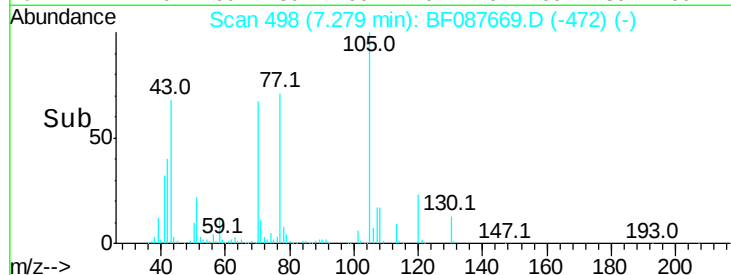
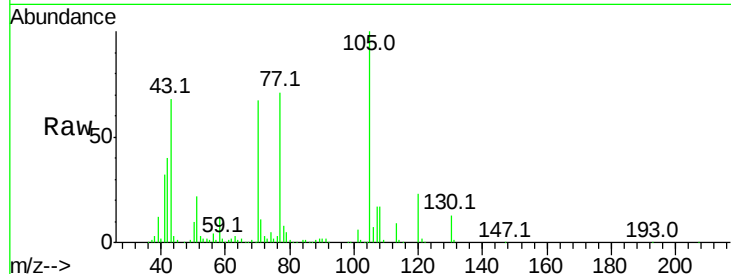
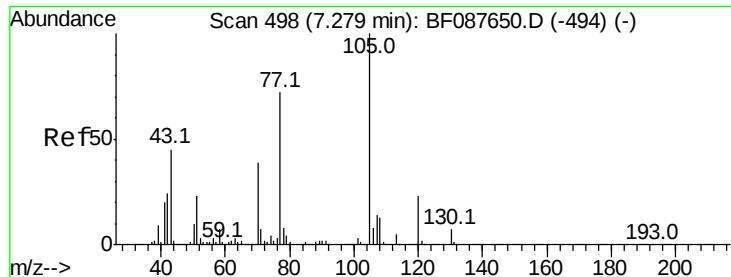
Acq: 4 Jun 2016 16:44

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	122624		
119	95.8	77.4	116.2	
201	114.4	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





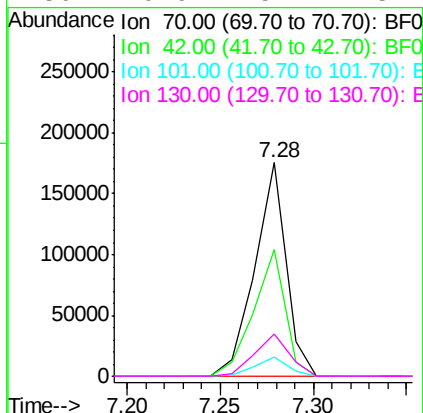
#19
n-Nitroso-di-n-propylamine
Concen: 36.78 ng
RT: 7.28 min Scan# 498
Delta R.T. -0.00 min
Lab File: BF087669.D
Acq: 4 Jun 2016 16:44

Instrument :
BNA_F
ClientSampleId :
PB91039BS

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	59.1	49.6	74.4	
101	8.8	7.1	10.7	
130	19.9	15.4	23.2	

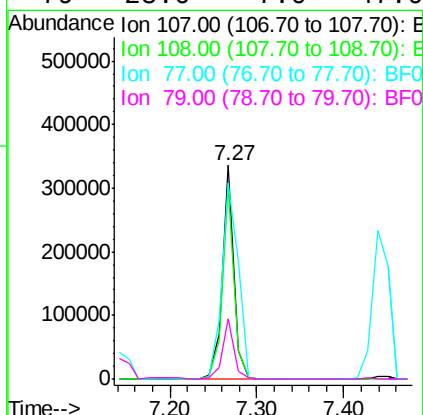
Manual Integrations
APPROVED

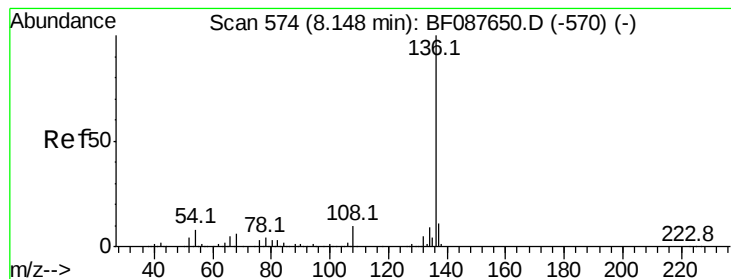
SOHIL
6/6/2016 7:18:12 PM



#20
3+4-Methylphenols
Concen: 39.71 ng
RT: 7.27 min Scan# 497
Delta R.T. -0.00 min
Lab File: BF087669.D
Acq: 4 Jun 2016 16:44

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	89.7	67.8	107.8	
77	91.6	59.3	99.3	
79	28.0	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: BF087669.D

Acq: 4 Jun 2016 16:44

Instrument :

BNA_F

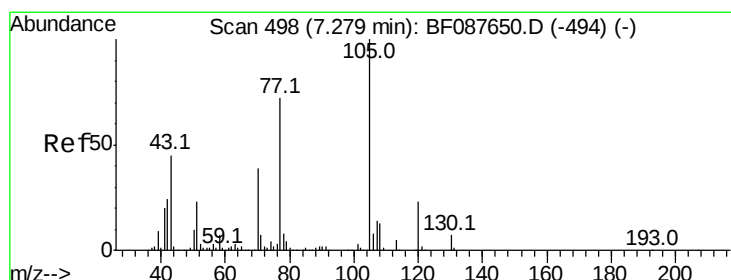
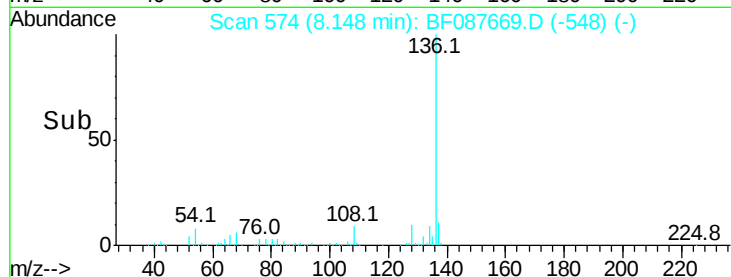
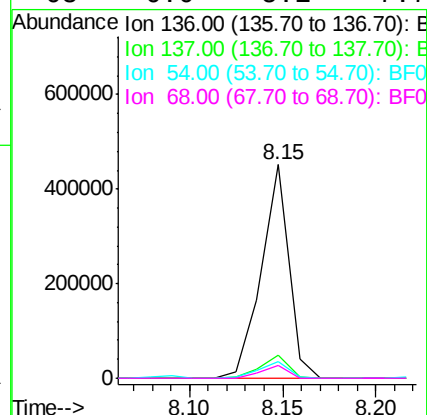
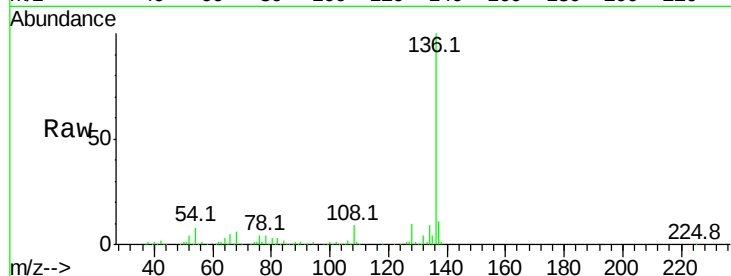
ClientSampleId :

PB91039BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	461322		
137	11.1	9.1	13.7	
54	7.9	6.6	10.0	
68	6.0	5.1	7.7	

Manual Integrations
APPROVED

SOHIL
6/6/2016 7:18:12 PM



#22

Acetophenone

Concen: 40.79 ng

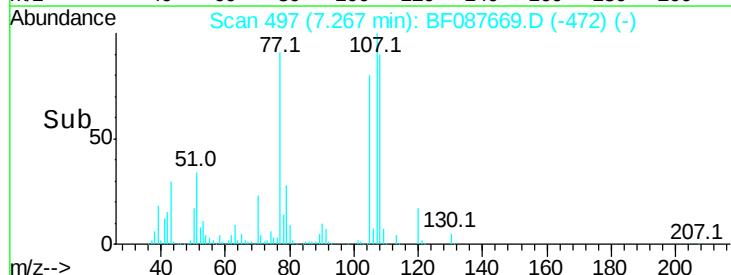
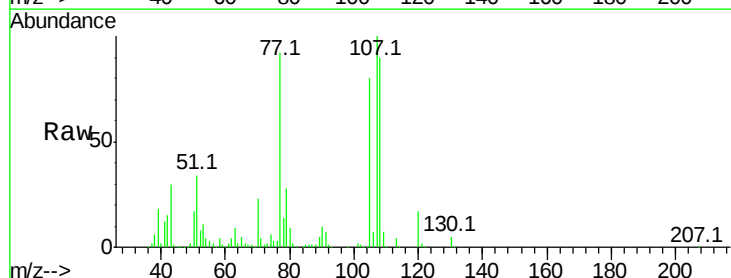
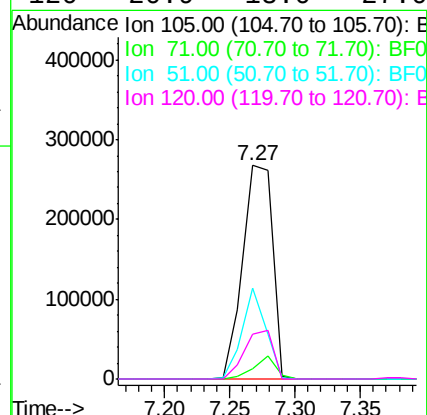
RT: 7.27 min Scan# 497

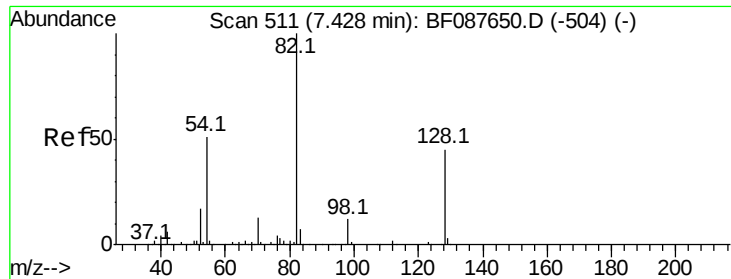
Delta R.T. -0.01 min

Lab File: BF087669.D

Acq: 4 Jun 2016 16:44

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	426165		
71	4.9	5.3	7.9#	
51	42.5	18.2	27.4#	
120	20.9	18.0	27.0	





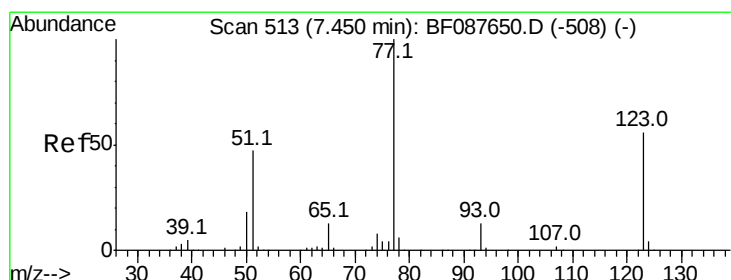
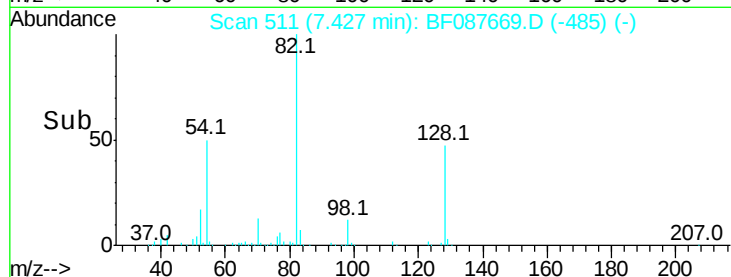
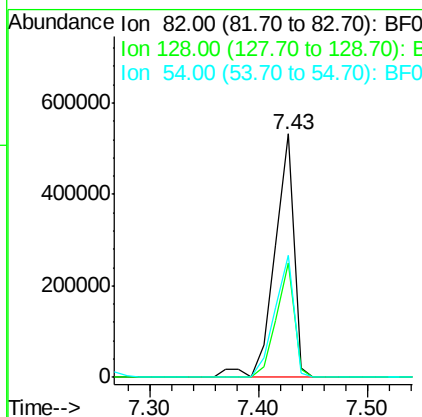
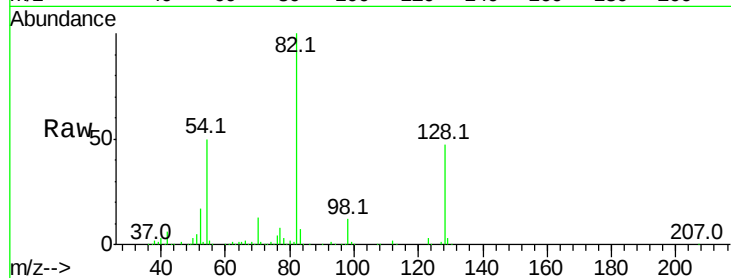
#23
Nitrobenzene-d5
Concen: 81.93 ng
RT: 7.43 min Scan# 511
Delta R.T. -0.00 min
Lab File: BF087669.D
Acq: 4 Jun 2016 16:44

Instrument :
BNA_F
ClientSampleId :
PB91039BS

Tot Ion	Ratio	Lower	Upper
82	100		
128	46.8	35.9	53.9
54	50.1	40.9	61.3

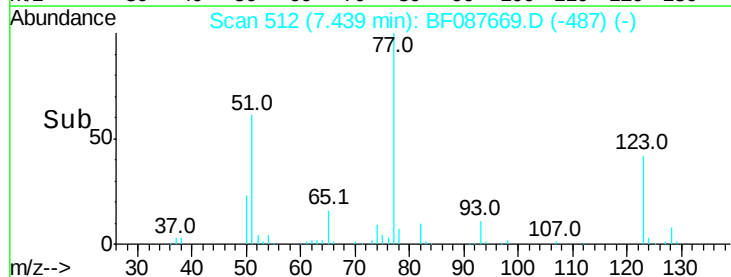
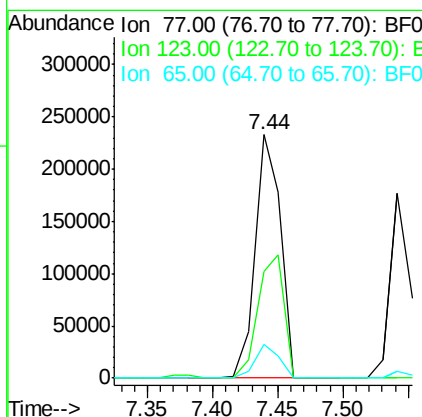
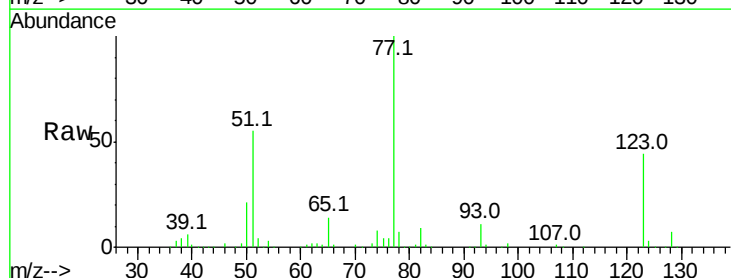
Manual Integrations
APPROVED

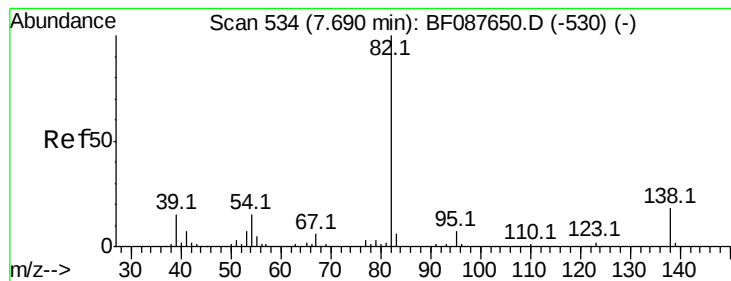
SOHIL
6/6/2016 7:18:12 PM



#24
Nitrobenzene
Concen: 39.44 ng
RT: 7.44 min Scan# 512
Delta R.T. -0.01 min
Lab File: BF087669.D
Acq: 4 Jun 2016 16:44

Tgt Ion	Ratio	Lower	Upper
77	100		
123	43.7	45.0	67.4#
65	13.7	10.2	15.2





#25

Isophorone

Concen: 41.58 ng

RT: 7.69 min Scan# 534

Delta R.T. -0.00 min

Lab File: BF087669.D

Acq: 4 Jun 2016 16:44

Instrument :

BNA_F

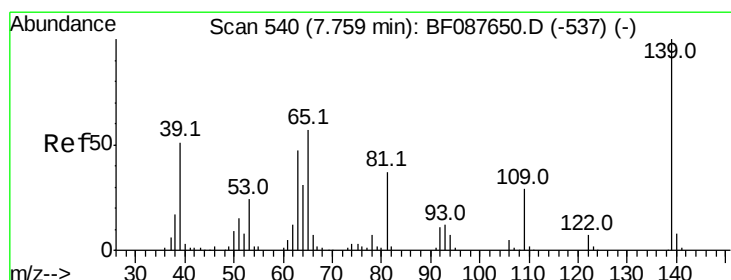
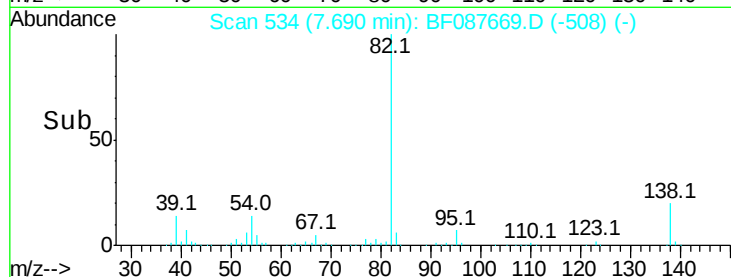
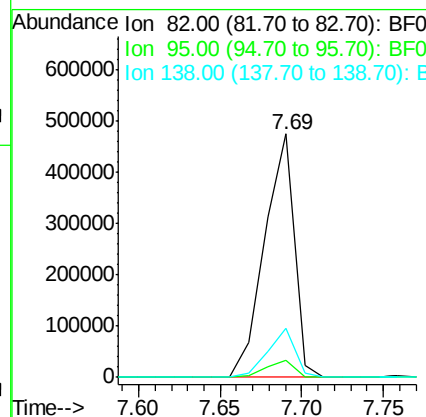
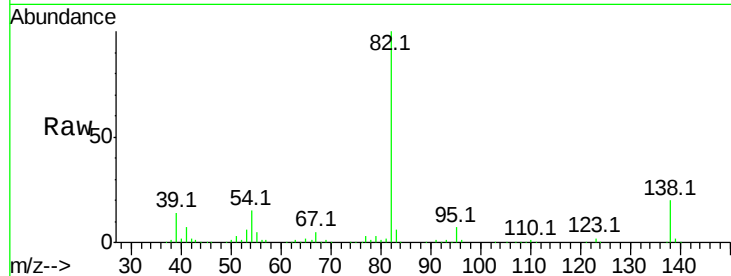
ClientSampleId :

PB91039BS

Tot Ion:	82	Resp:	603571
Ion Ratio	Lower	Upper	
82	100		
95	7.1	5.4	8.2
138	20.0	14.6	21.8

Manual Integrations
APPROVED

SOHIL
6/6/2016 7:18:12 PM



#26

2-Nitrophenol

Concen: 40.63 ng

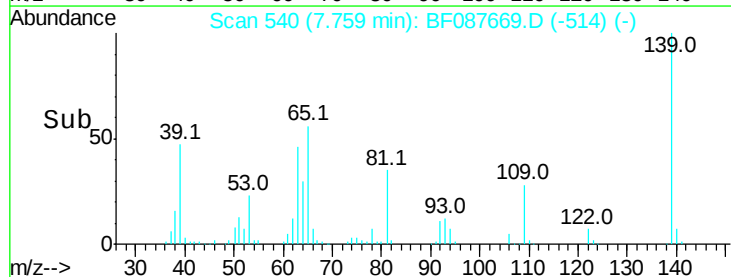
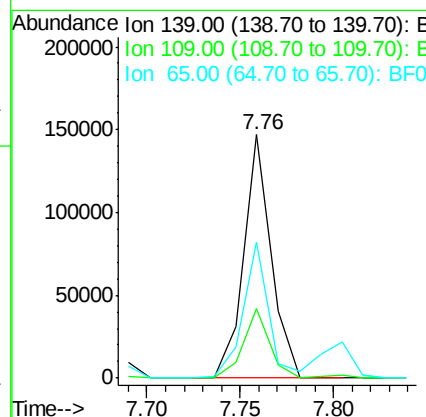
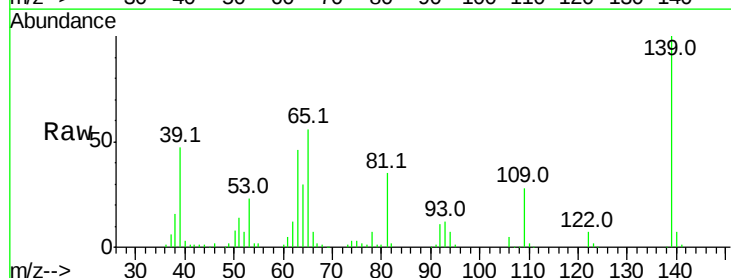
RT: 7.76 min Scan# 540

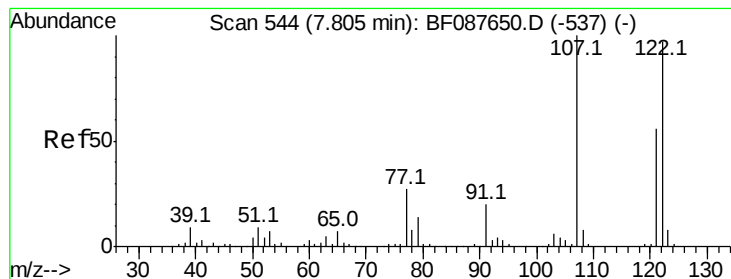
Delta R.T. -0.00 min

Lab File: BF087669.D

Acq: 4 Jun 2016 16:44

Tgt Ion:	139	Resp:	150658
Ion Ratio	Lower	Upper	
139	100		
109	28.3	23.0	34.4
65	55.9	45.8	68.8





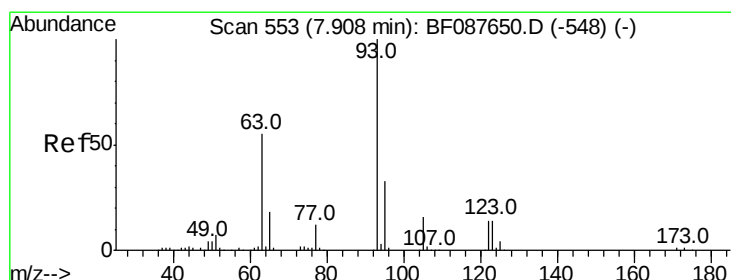
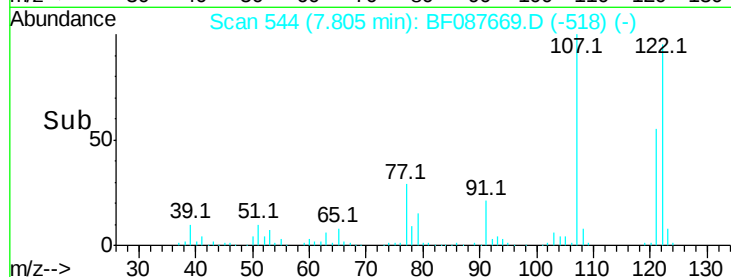
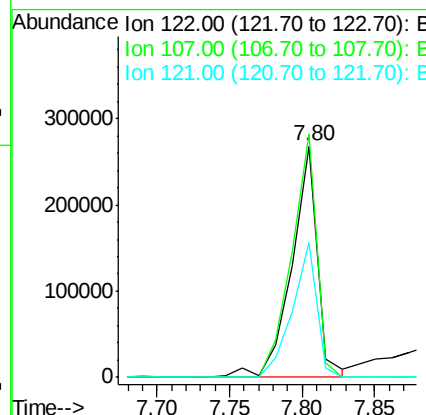
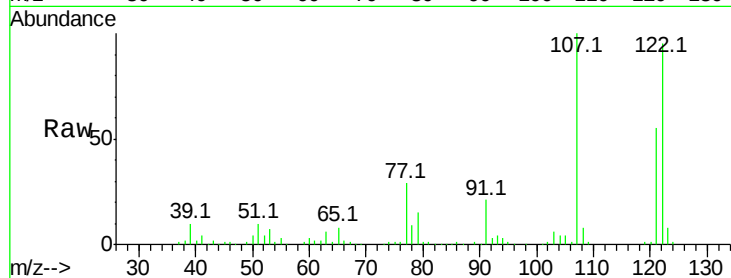
#27
 2,4-Dimethylphenol
 Concen: 42.83 ng
 RT: 7.80 min Scan# 544
 Delta R.T. -0.00 min
 Lab File: BF087669.D
 Acq: 4 Jun 2016 16:44

Instrument :
 BNA_F
 ClientSampleId :
 PB91039BS

Tot Ion	Ratio	Resp	Lower	Upper
122	100	329121		
107	105.4	82.4	123.6	
121	58.4	46.3	69.5	

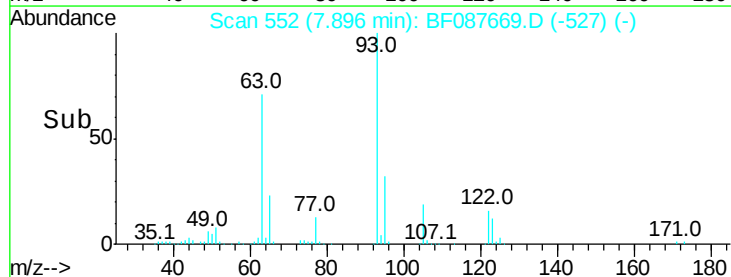
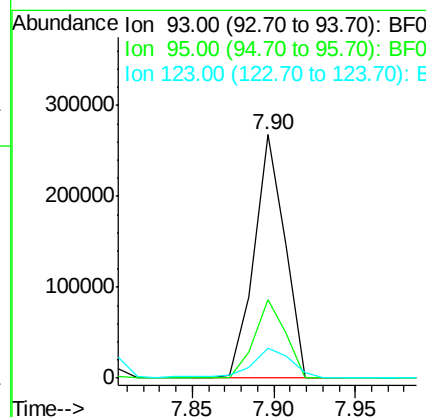
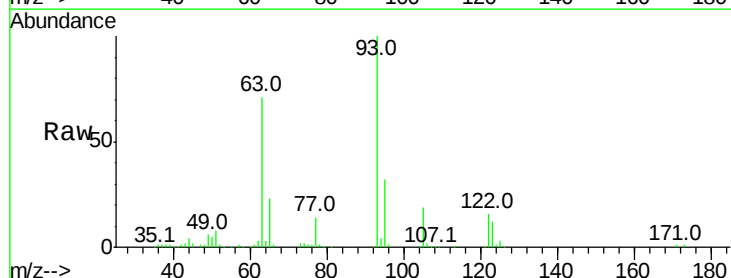
Manual Integrations
 APPROVED

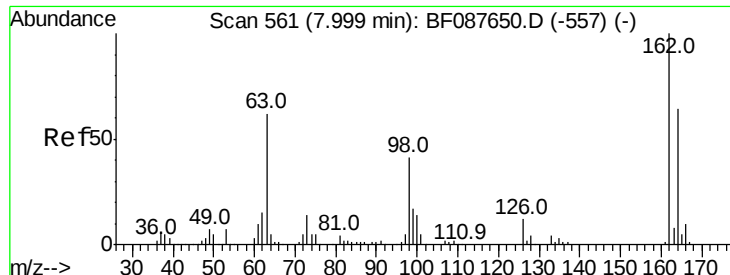
SOHIL
 6/6/2016 7:18:12 PM



#28
 bis(2-Chloroethoxy)methane
 Concen: 37.94 ng
 RT: 7.90 min Scan# 552
 Delta R.T. -0.01 min
 Lab File: BF087669.D
 Acq: 4 Jun 2016 16:44

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	349389		
95	32.4	26.5	39.7	
123	12.1	11.6	17.4	





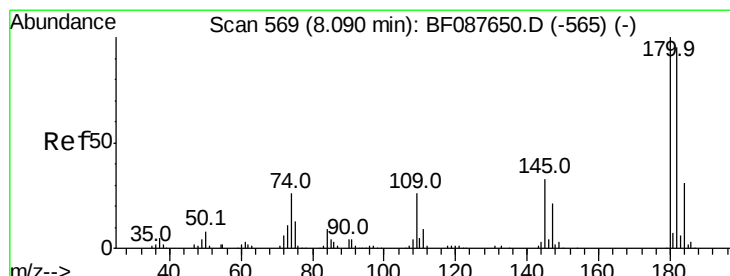
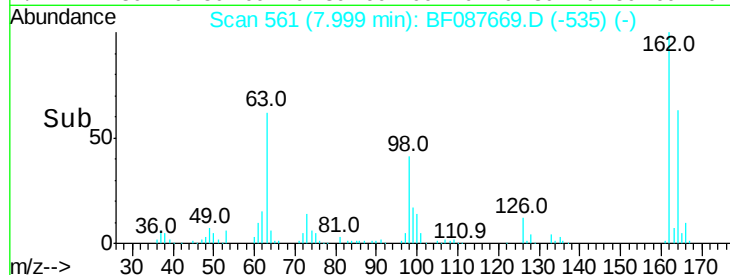
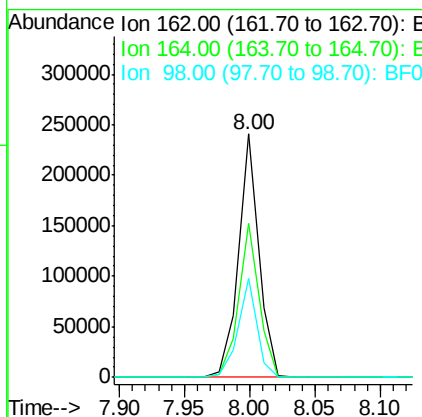
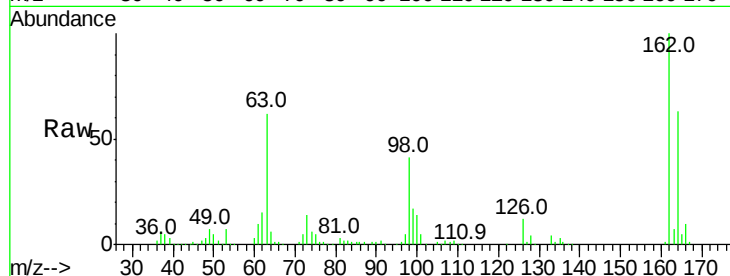
#29
 2,4-Dichlorophenol
 Concen: 41.03 ng
 RT: 8.00 min Scan# 561
 Delta R.T. -0.00 min
 Lab File: BF087669.D
 Acq: 4 Jun 2016 16:44

Instrument :
 BNA_F
 ClientSampleId :
 PB91039BS

Tot Ion:	162	Resp:	258943
Ion Ratio	Lower	Upper	
162	100		
164	63.3	43.8	83.8
98	40.7	21.3	61.3

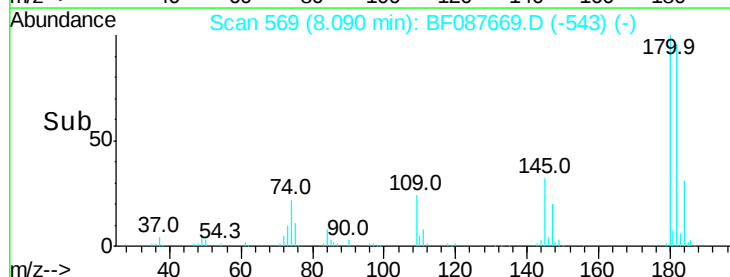
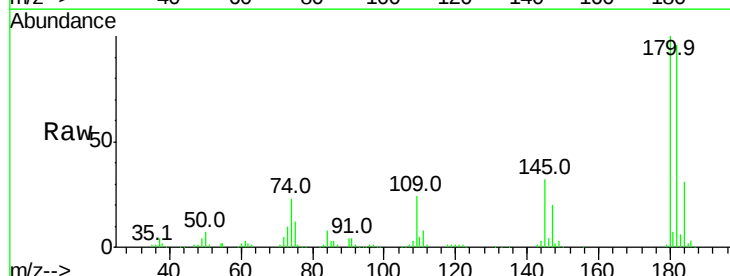
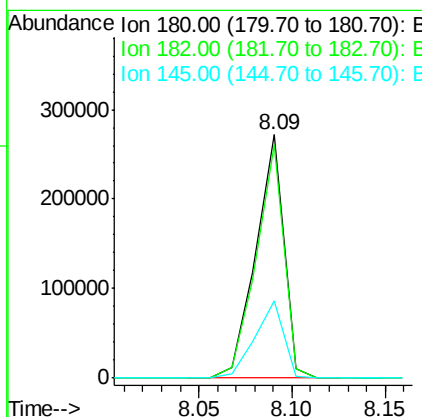
Manual Integrations
 APPROVED

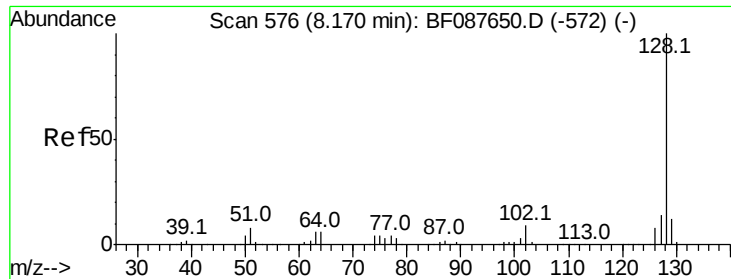
SOHIL
 6/6/2016 7:18:12 PM



#30
 1,2,4-Trichlorobenzene
 Concen: 42.76 ng
 RT: 8.09 min Scan# 569
 Delta R.T. -0.00 min
 Lab File: BF087669.D
 Acq: 4 Jun 2016 16:44

Tgt Ion:	180	Resp:	282584
Ion Ratio	Lower	Upper	
180	100		
182	95.6	76.0	114.0
145	31.7	26.5	39.7





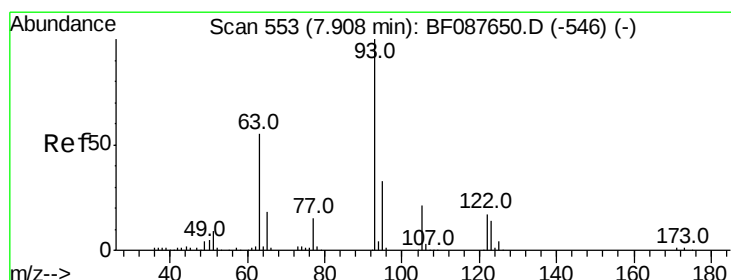
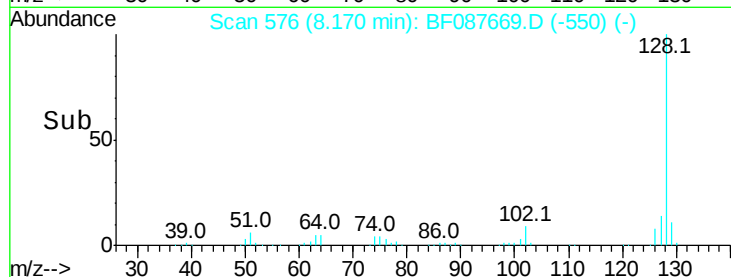
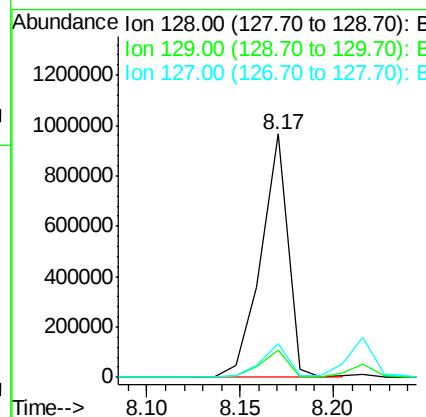
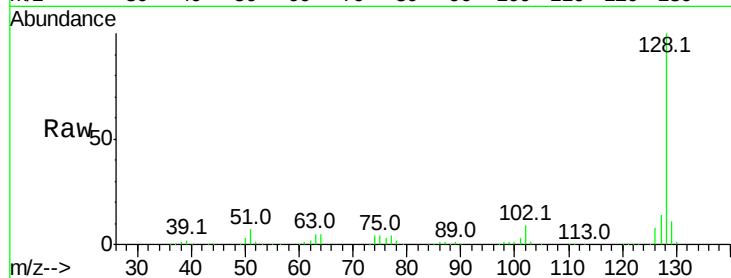
#31
Naphthalene
Concen: 43.07 ng
RT: 8.17 min Scan# 576
Delta R.T. -0.00 min
Lab File: BF087669.D
Acq: 4 Jun 2016 16:44

Instrument :
BNA_F
ClientSampleId :
PB91039BS

Tot Ion	Ratio	Resp	Lower	Upper
128	100	966054		
129	11.5		9.4	14.2
127	13.6		10.9	16.3

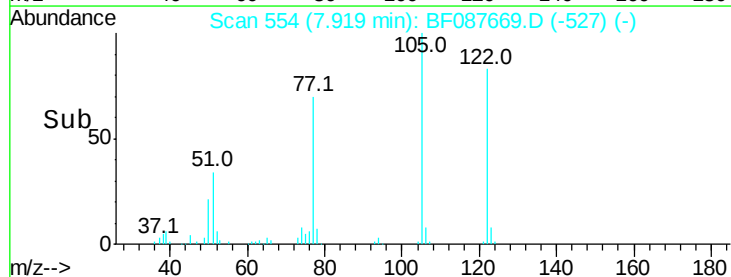
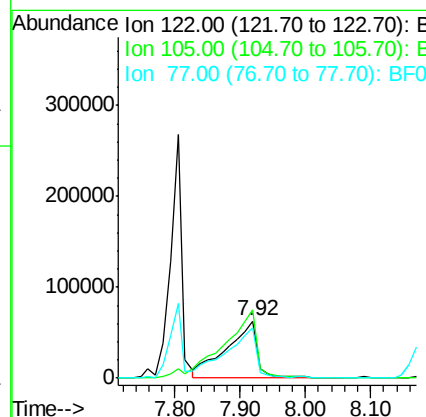
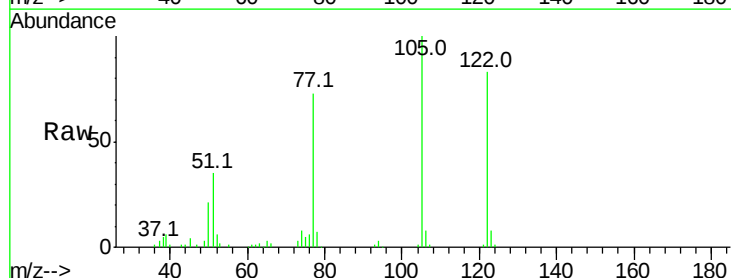
Manual Integrations
APPROVED

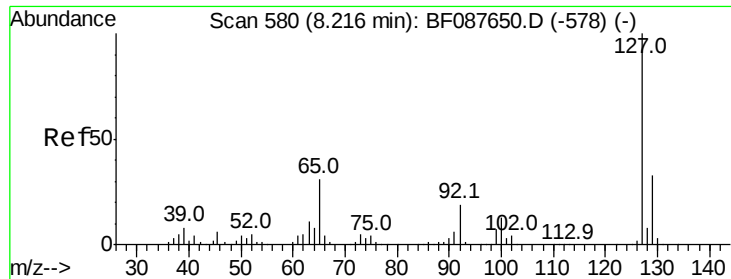
SOHIL
6/6/2016 7:18:12 PM



#32
Benzoic acid
Concen: 44.06 ng
RT: 7.92 min Scan# 554
Delta R.T. 0.01 min
Lab File: BF087669.D
Acq: 4 Jun 2016 16:44

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	204239		
105	120.9		101.6	141.6
77	88.4		70.6	110.6





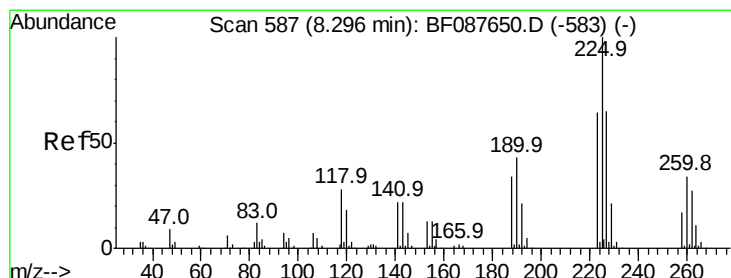
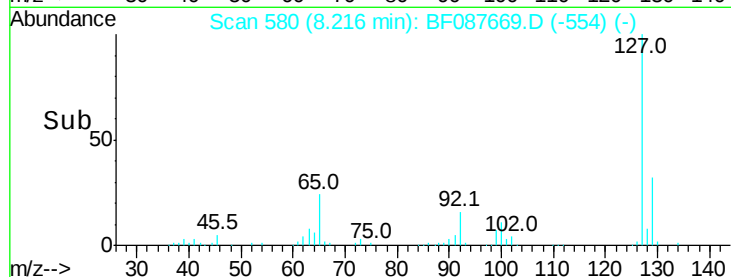
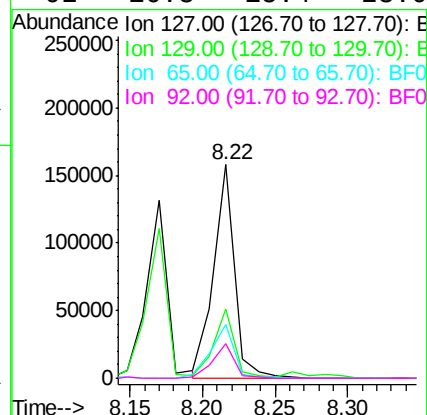
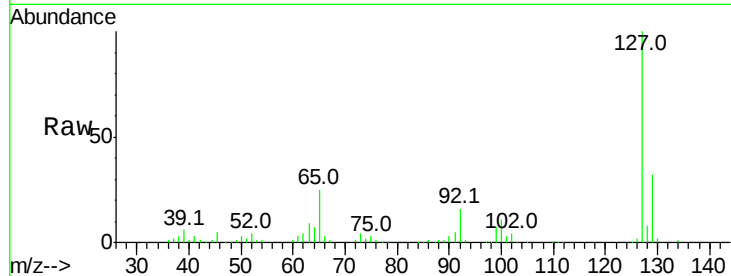
#33
4-Chloroaniline
Concen: 16.25 ng
RT: 8.22 min Scan# 580
Delta R.T. -0.00 min
Lab File: BF087669.D
Acq: 4 Jun 2016 16:44

Instrument :
BNA_F
ClientSampleId :
PB91039BS

Tot Ion	Ratio	Resp	Lower	Upper
127	100	158350		
129	32.1	26.3	39.5	
65	25.2	24.7	37.1	
92	16.3	15.4	23.0	

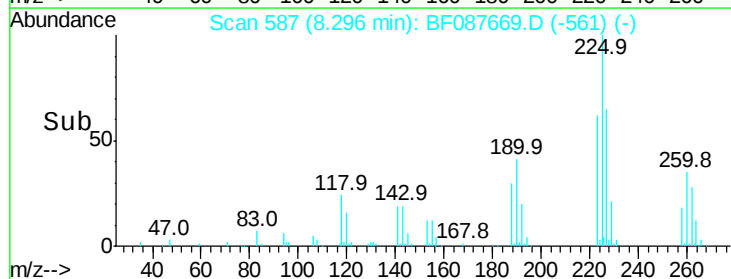
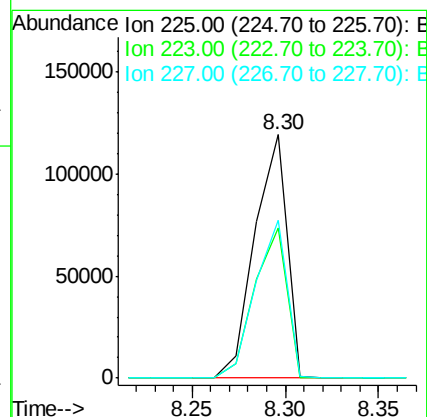
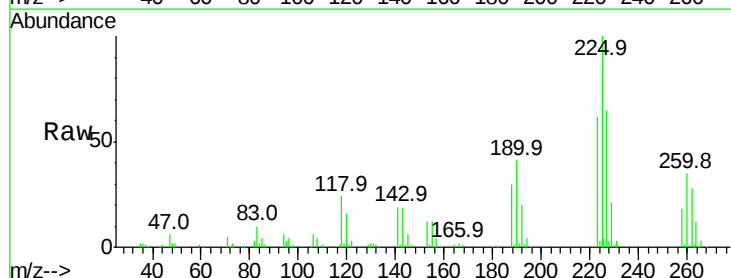
Manual Integrations
APPROVED

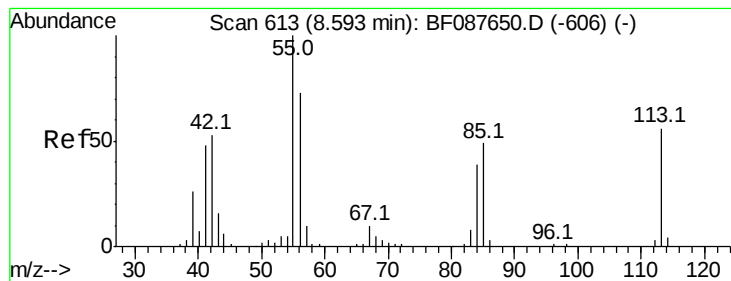
SOHIL
6/6/2016 7:18:12 PM



#34
Hexachlorobutadiene
Concen: 41.57 ng
RT: 8.30 min Scan# 587
Delta R.T. -0.00 min
Lab File: BF087669.D
Acq: 4 Jun 2016 16:44

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	142838		
223	61.9	50.9	76.3	
227	65.0	51.9	77.9	





#35

Caprolactam

Concen: 41.75 ng/mL

RT: 8.58 min Scan# 612

Delta R.T. -0.01 min

Lab File: BF087669.D

Acq: 4 Jun 2016 16:44

Instrument :

BNA_F

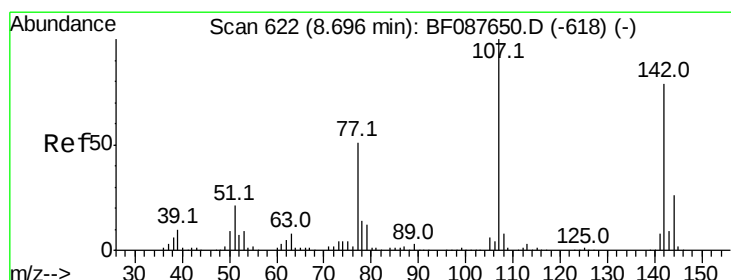
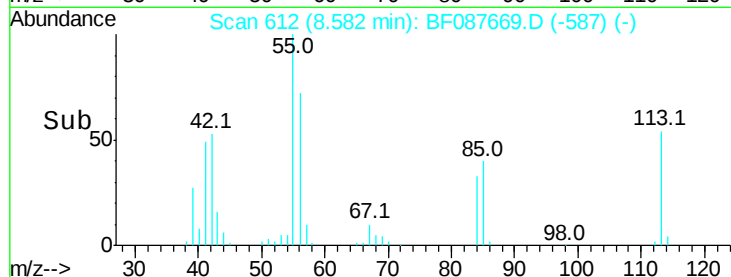
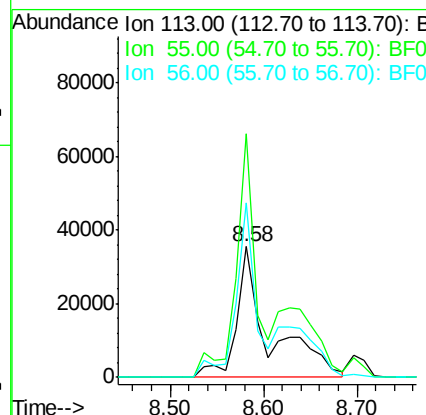
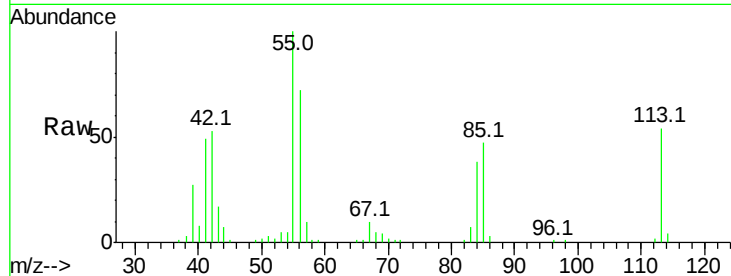
ClientSampled :

PB91039BS

Tot Ion:	113	Resp:	86559
Ion Ratio	Lower	Upper	
113	100		
55	186.7	158.6	198.6
56	134.2	110.6	150.6

Manual Integrations
APPROVED

SOHIL
6/6/2016 7:18:12 PM



#36

4-Chloro-3-methylphenol

Concen: 43.41 ng/mL

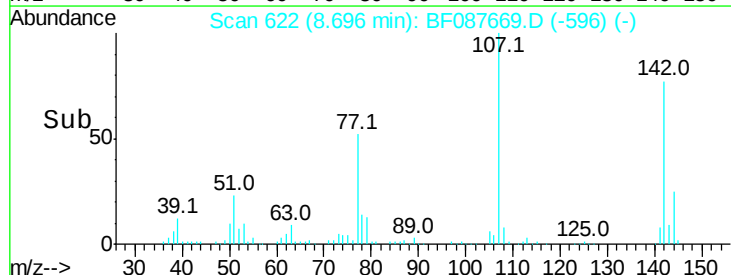
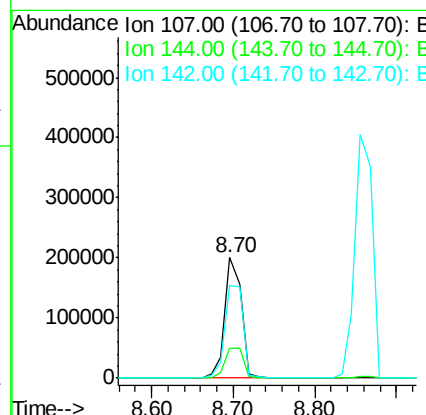
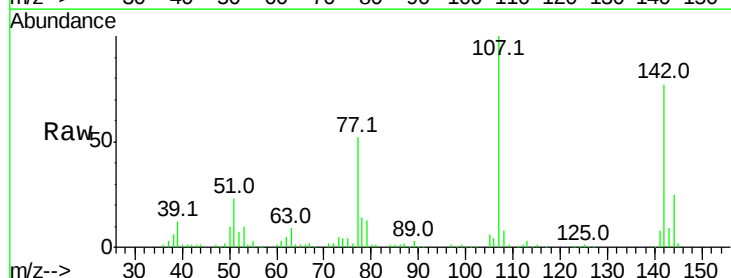
RT: 8.70 min Scan# 622

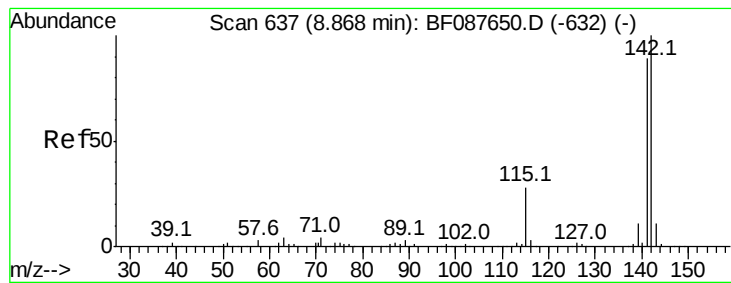
Delta R.T. -0.00 min

Lab File: BF087669.D

Acq: 4 Jun 2016 16:44

Tgt Ion:	107	Resp:	283407
Ion Ratio	Lower	Upper	
107	100		
144	24.6	20.8	31.2
142	77.1	63.4	95.2





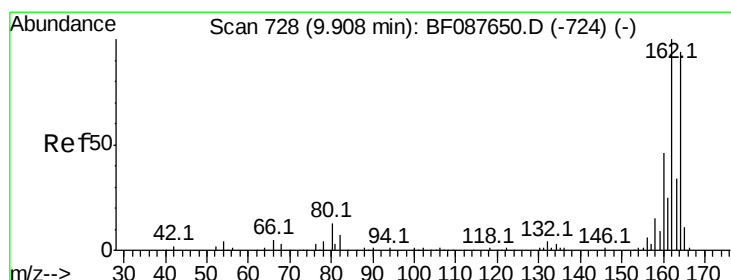
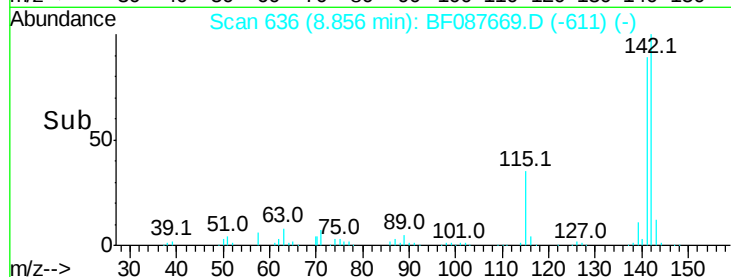
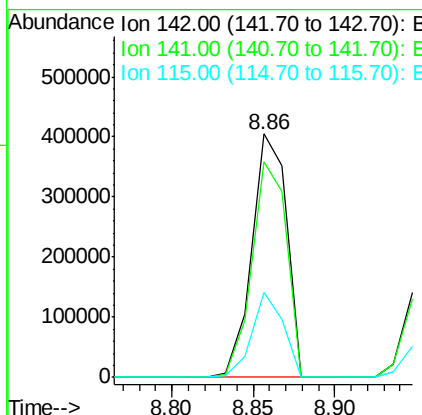
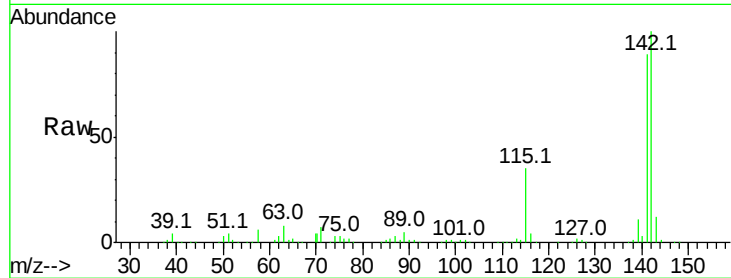
#37
 2-Methylnaphthalene
 Concen: 40.28 ng
 RT: 8.86 min Scan# 636
 Delta R.T. -0.01 min
 Lab File: BF087669.D
 Acq: 4 Jun 2016 16:44

Instrument :
 BNA_F
 ClientSampleId :
 PB91039BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.8	71.0	106.6
115	34.9	22.6	33.8

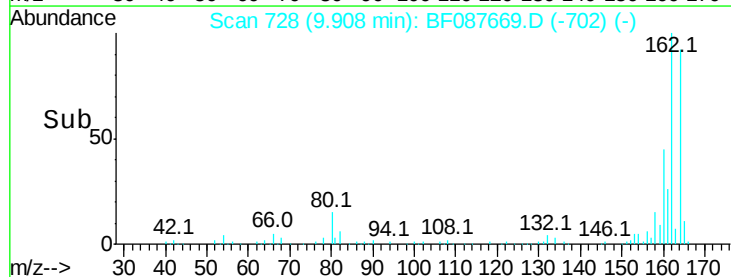
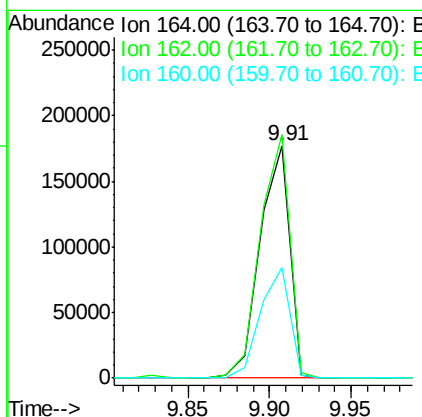
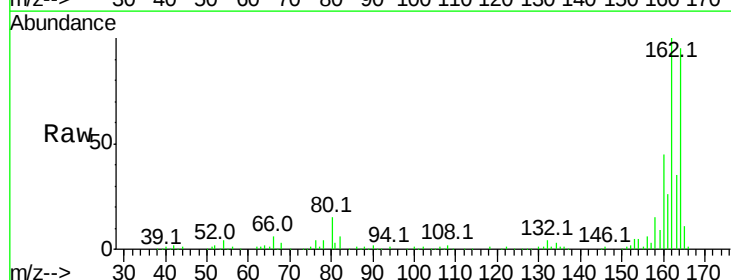
Manual Integrations
 APPROVED

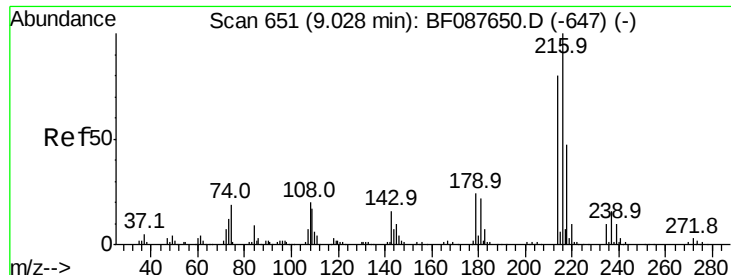
SOHIL
 6/6/2016 7:18:12 PM



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.91 min Scan# 728
 Delta R.T. -0.00 min
 Lab File: BF087669.D
 Acq: 4 Jun 2016 16:44

Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.9	85.4	128.2
160	47.4	39.5	59.3





#39

1,2,4,5-Tetrachlorobenzene

Concen: 39.65 ng

RT: 9.03 min Scan# 651

Delta R.T. 0.00 min

Lab File: BF087669.D

Acq: 4 Jun 2016 16:44

Instrument :

BNA_F

ClientSampleId :

PB91039BS

Tot Ion:216 Resp: 243929
Ion Ratio Lower Upper

216 100

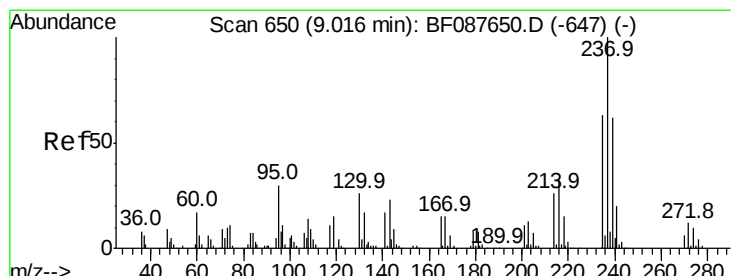
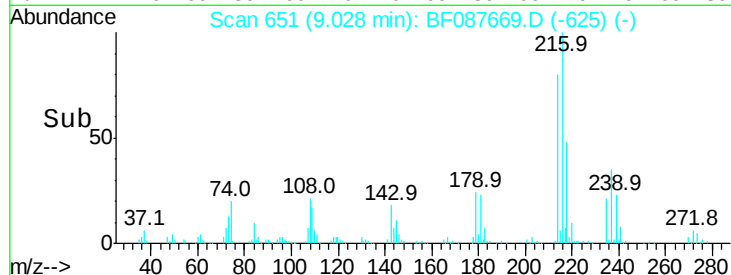
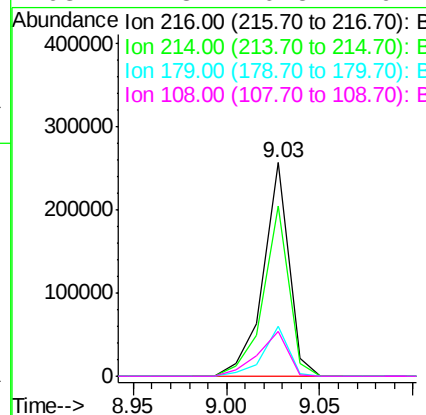
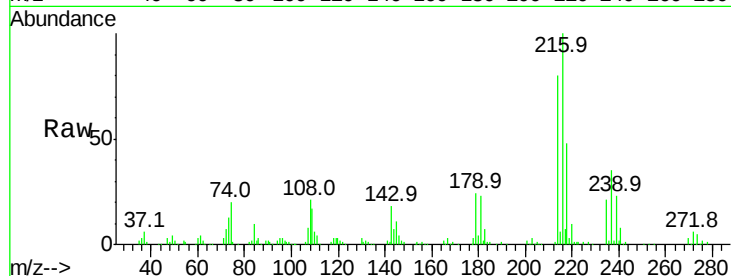
214 79.4 2.9 4.3#

179 23.1 0.0 0.0#

108 24.8 0.5 0.7#

Manual Integrations
APPROVED

SOHIL
6/6/2016 7:18:12 PM



#40

Hexachlorocyclopentadiene

Concen: 76.88 ng

RT: 9.02 min Scan# 650

Delta R.T. -0.00 min

Lab File: BF087669.D

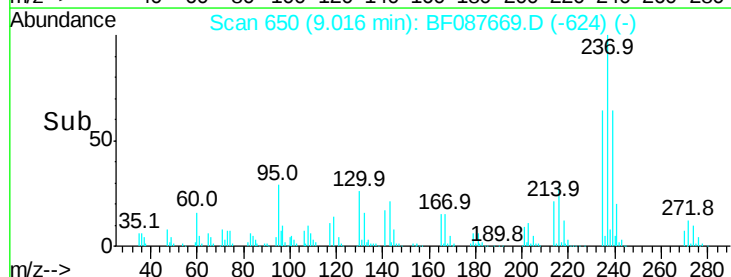
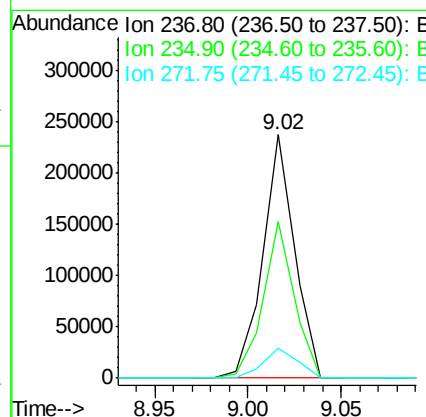
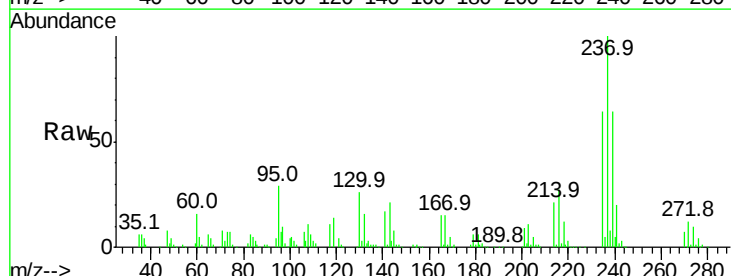
Acq: 4 Jun 2016 16:44

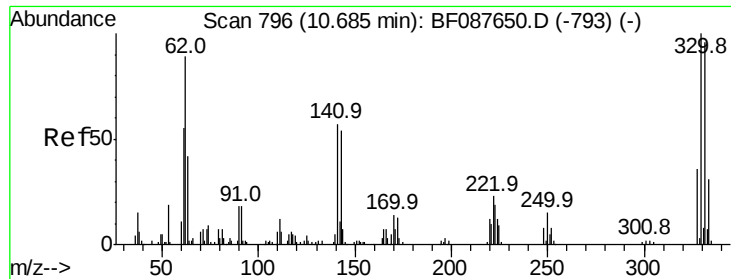
Tgt Ion:237 Resp: 278240
Ion Ratio Lower Upper

237 100

235 64.2 43.4 83.4

272 12.4 0.0 32.3





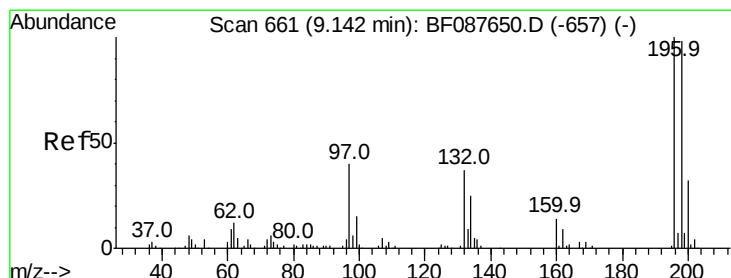
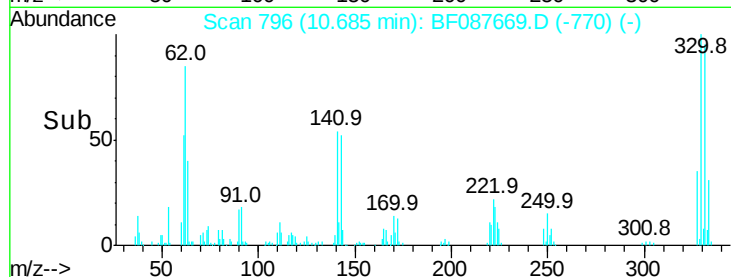
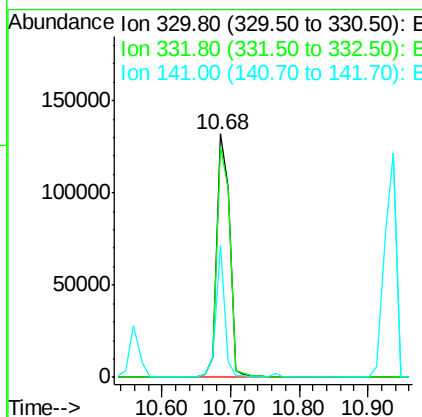
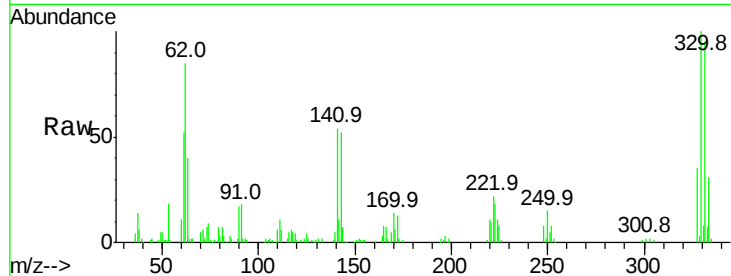
#41
 2,4,6-Tribromophenol
 Concen: 78.98 ng
 RT: 10.68 min Scan# 796
 Delta R.T. -0.00 min
 Lab File: BF087669.D
 Acq: 4 Jun 2016 16:44

Instrument :
 BNA_F
 ClientSampleId :
 PB91039BS

Tot Ion	Ratio	Resp Lower	Upper
330	100		
332	96.9	0.0	0.0#
141	36.6	0.0	0.0#

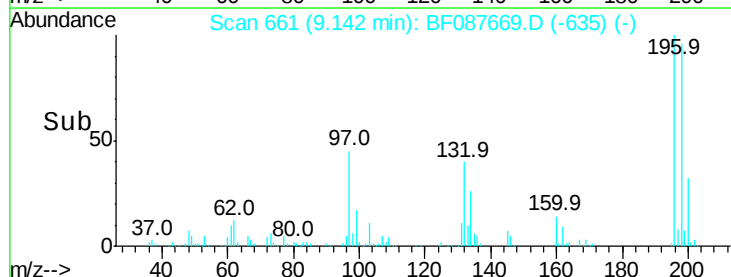
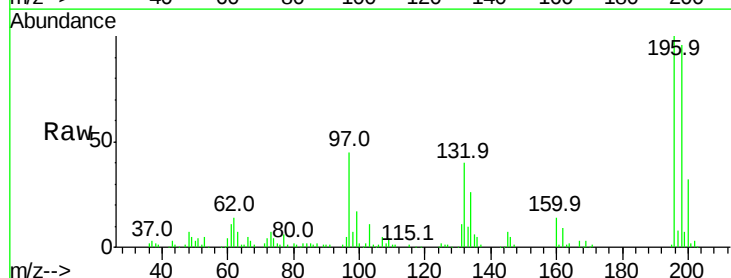
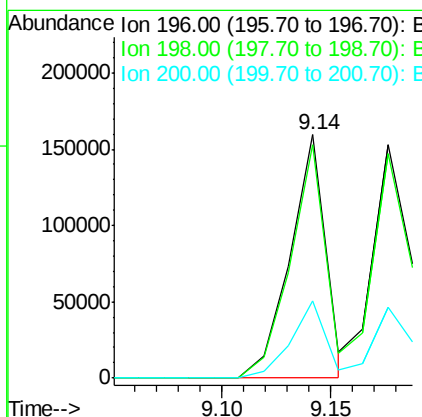
Manual Integrations
 APPROVED

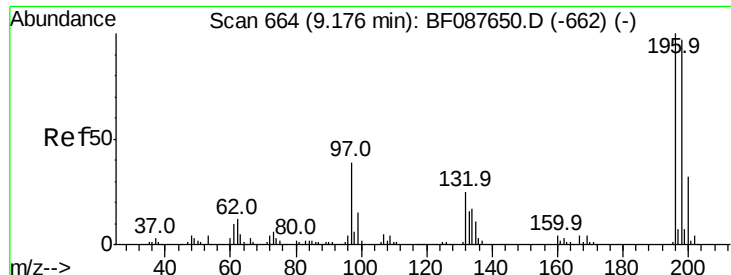
SOHIL
 6/6/2016 7:18:12 PM



#42
 2,4,6-Trichlorophenol
 Concen: 39.17 ng
 RT: 9.14 min Scan# 661
 Delta R.T. -0.00 min
 Lab File: BF087669.D
 Acq: 4 Jun 2016 16:44

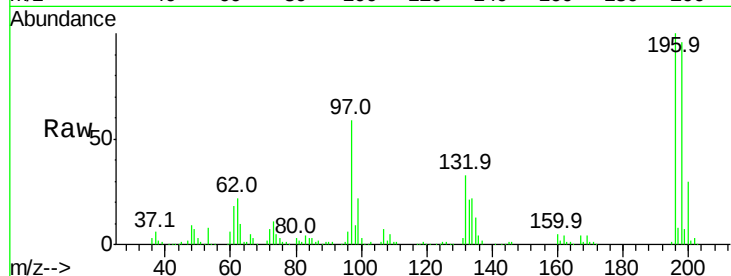
Tgt Ion	Ratio	Resp Lower	Upper
196	100		
198	95.8	78.0	117.0
200	31.5	25.4	38.2





#43
 2,4,5-Trichlorophenol
 Concen: 43.61 ng
 RT: 9.18 min Scan# 664
 Delta R.T. -0.00 min
 Lab File: BF087669.D
 Acq: 4 Jun 2016 16:44

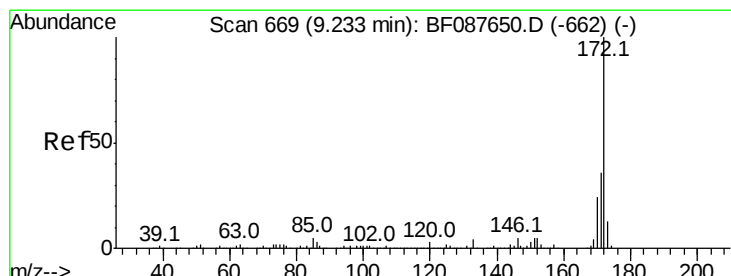
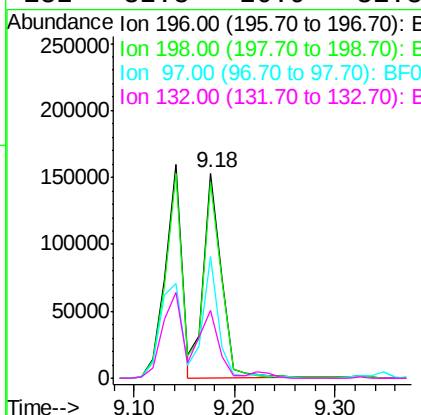
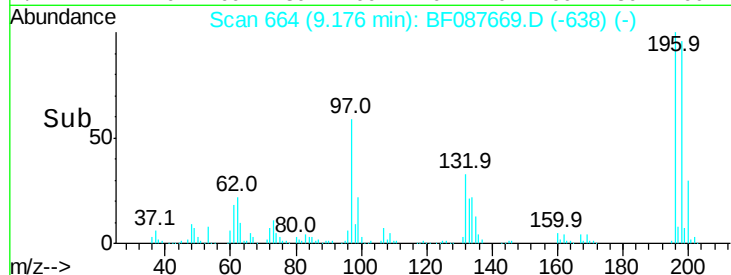
Instrument :
 BNA_F
 ClientSampleID :
 PB91039BS



Tot Ion	Ratio	Resp	Lower	Upper
196	100	188600		
198	95.7	77.5	116.3	
97	59.2	32.0	48.0	
132	32.8	20.9	31.3	

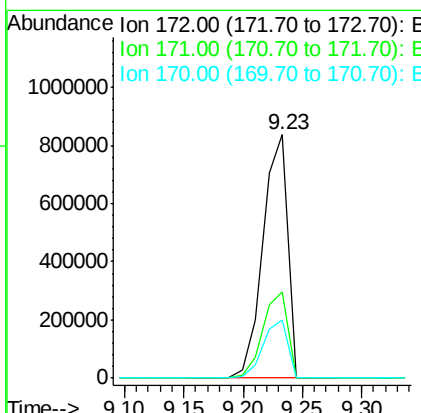
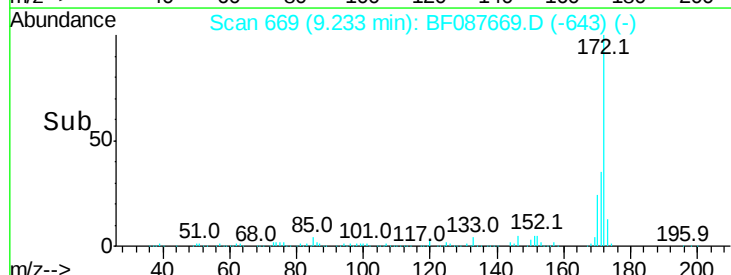
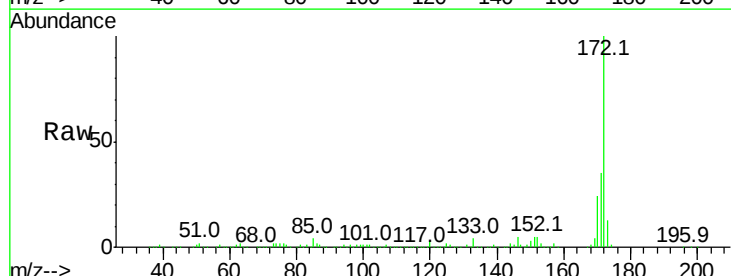
Manual Integrations
 APPROVED

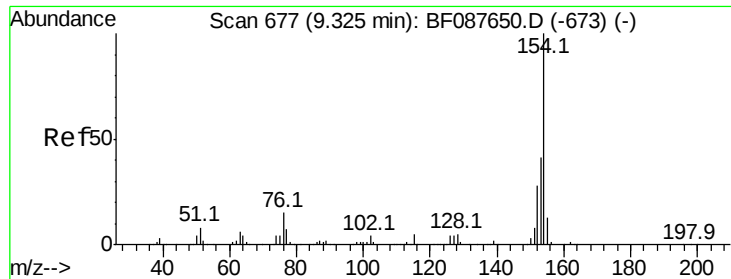
SOHIL
 6/6/2016 7:18:12 PM



#44
 2-Fluorobiphenyl
 Concen: 82.99 ng
 RT: 9.23 min Scan# 669
 Delta R.T. 0.00 min
 Lab File: BF087669.D
 Acq: 4 Jun 2016 16:44

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1216342		
171	35.5	28.6	43.0	
170	24.1	19.2	28.8	





#45

1,1'-Biphenyl

Concen: 37.74 ng

RT: 9.32 min Scan# 677

Delta R.T. 0.00 min

Lab File: BF087669.D

Acq: 4 Jun 2016 16:44

Instrument :

BNA_F

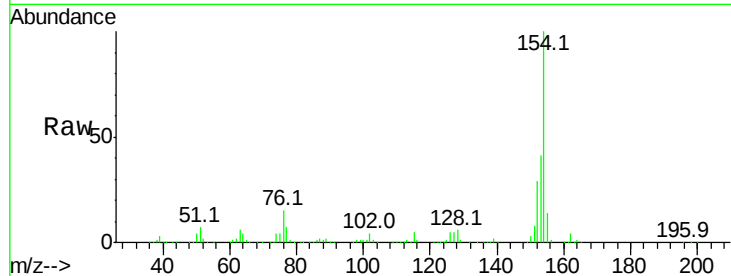
ClientSampleId :

PB91039BS

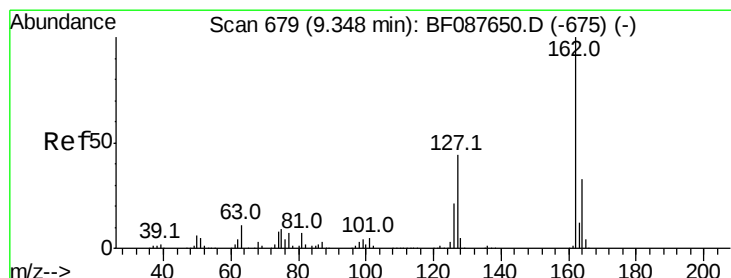
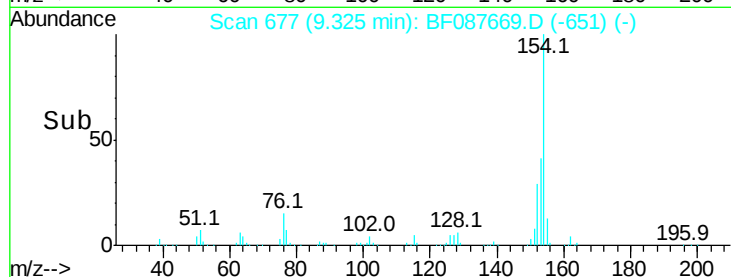
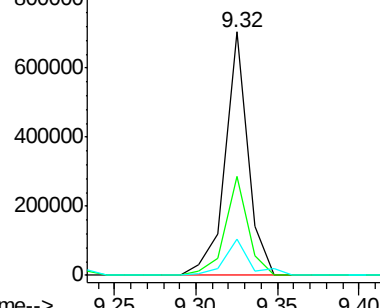
Tot Ion:	154	Resp:	683759
Ion Ratio	Lower	Upper	
154	100		
153	40.8	20.6	60.6
76	14.9	0.0	35.1

Manual Integrations
APPROVED

SOHIL
6/6/2016 7:18:12 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: 37.60 ng

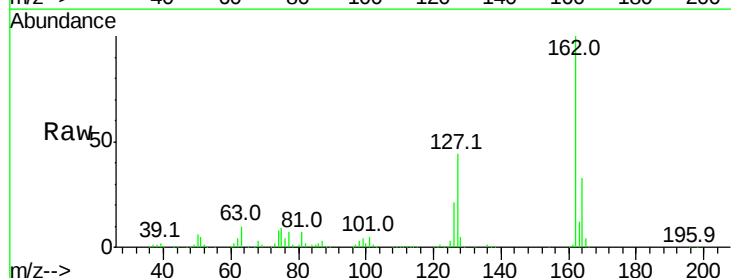
RT: 9.35 min Scan# 679

Delta R.T. -0.00 min

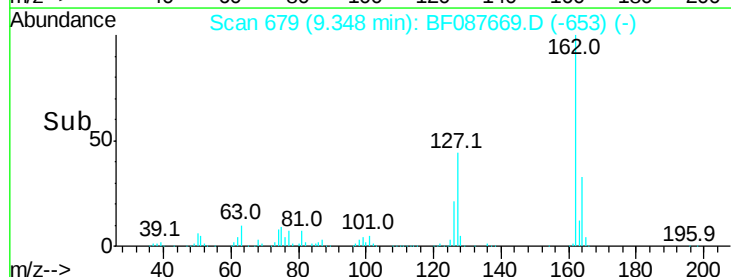
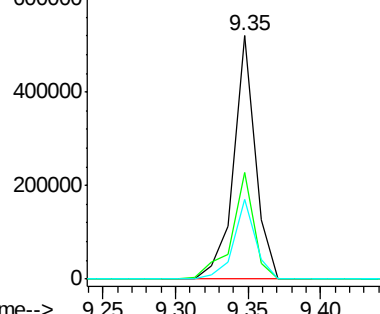
Lab File: BF087669.D

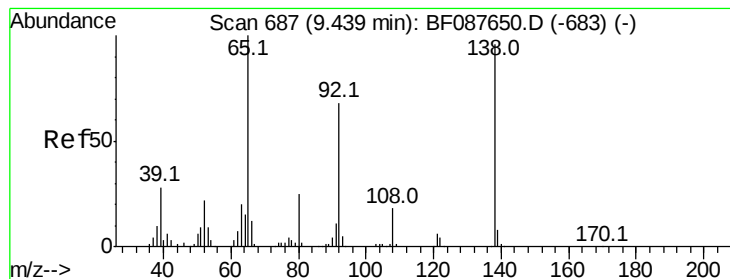
Acq: 4 Jun 2016 16:44

Tgt Ion:	162	Resp:	542228
Ion Ratio	Lower	Upper	
162	100		
127	43.7	35.2	52.8
164	32.7	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: 39.07 ng

RT: 9.44 min Scan# 687

Delta R.T. -0.00 min

Lab File: BF087669.D

Acq: 4 Jun 2016 16:44

Instrument :

BNA_F

ClientSampleId :

PB91039BS

Tot Ion: 65 Resp: 158645

Ion Ratio Lower Upper

65 100

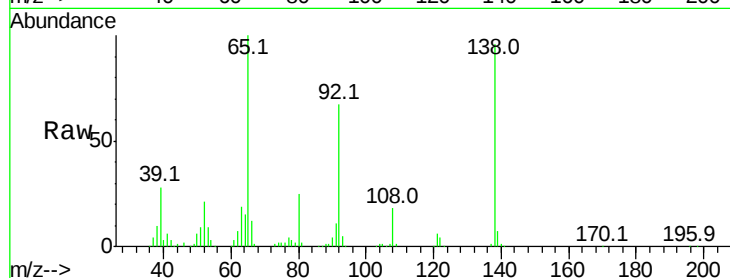
92 67.2 54.6 82.0

138 96.3 77.0 115.4

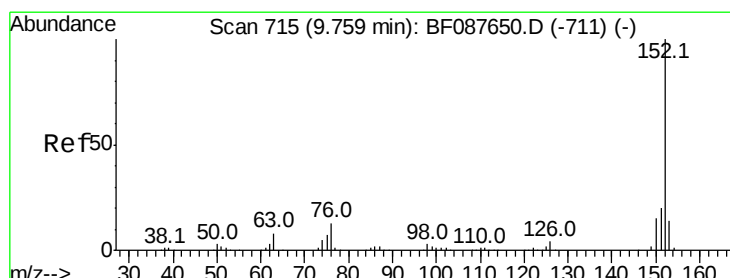
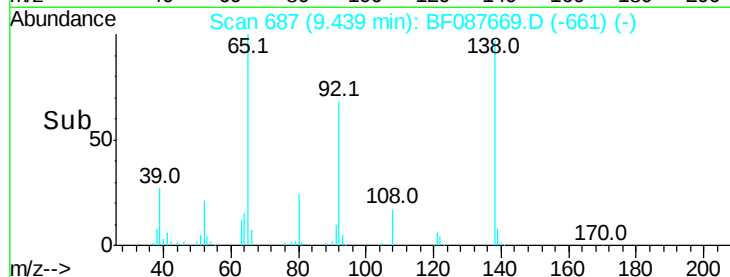
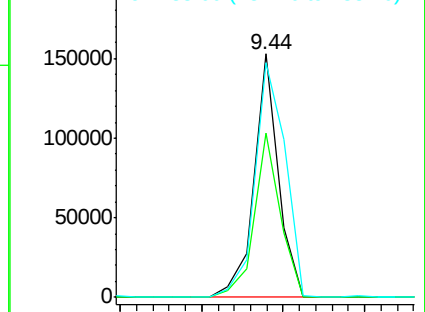
Manual Integrations
APPROVED

SOHIL

6/6/2016 7:18:12 PM



Abundance Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0
Ion 138.00 (137.70 to 138.70): BF0



#48

Acenaphthylene

Concen: 42.29 ng

RT: 9.77 min Scan# 716

Delta R.T. 0.01 min

Lab File: BF087669.D

Acq: 4 Jun 2016 16:44

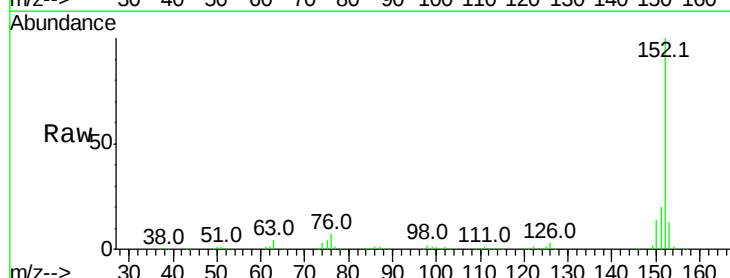
Tgt Ion: 152 Resp: 951225

Ion Ratio Lower Upper

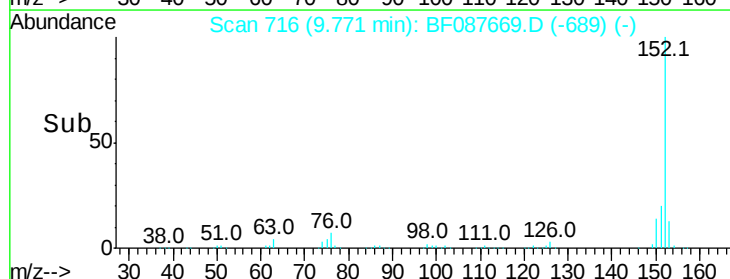
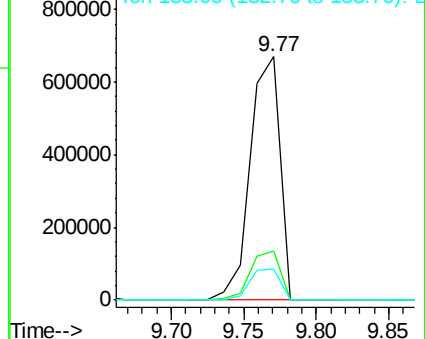
152 100

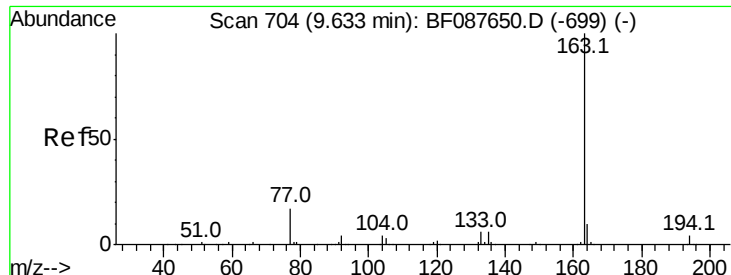
151 20.2 16.2 24.4

153 13.0 11.0 16.6



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E





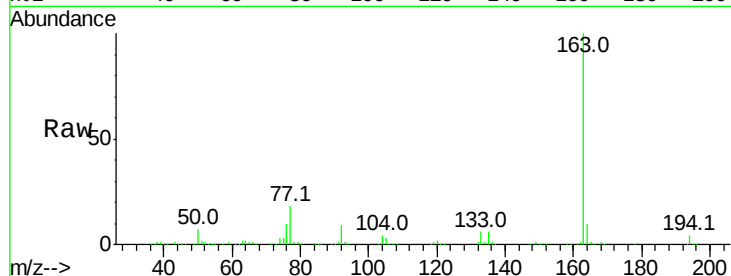
#49
Dimethylphthalate
Concen: 43.15 ng
RT: 9.63 min Scan# 704
Delta R.T. -0.00 min
Lab File: BF087669.D
Acq: 4 Jun 2016 16:44

Instrument :
BNA_F
ClientSampleId :
PB91039BS

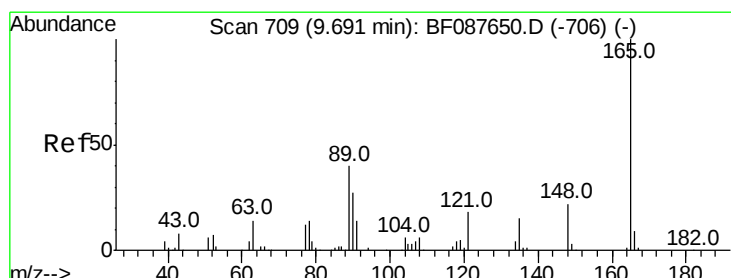
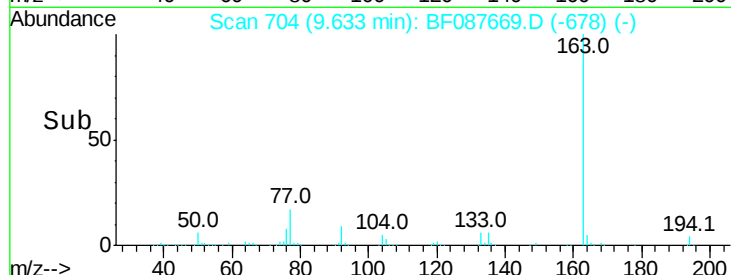
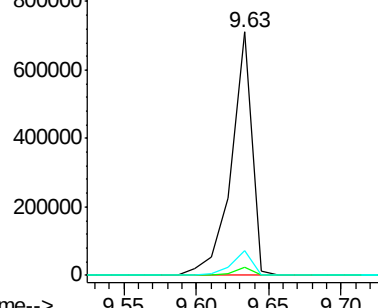
Tot Ion	Ratio	Resp	Lower	Upper
163	100	700377		
194	3.5		2.8	4.2
164	10.2		8.3	12.5

Manual Integrations
APPROVED

SOHIL
6/6/2016 7:18:12 PM

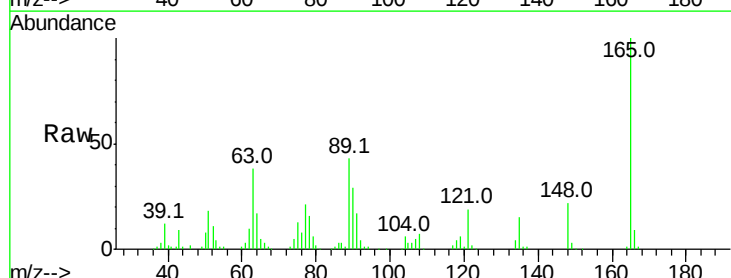


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

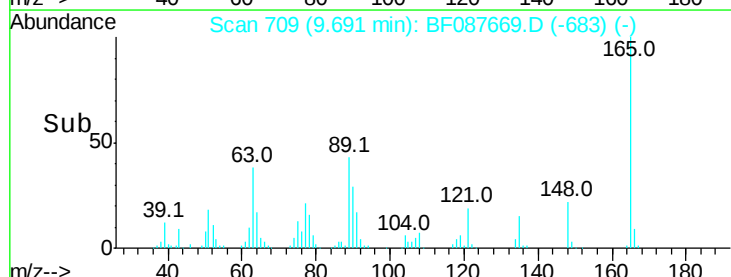
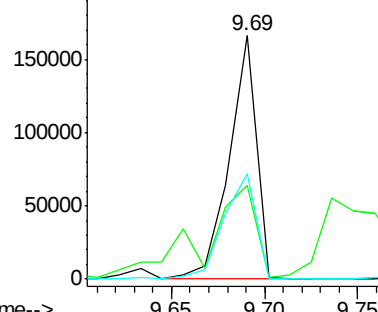


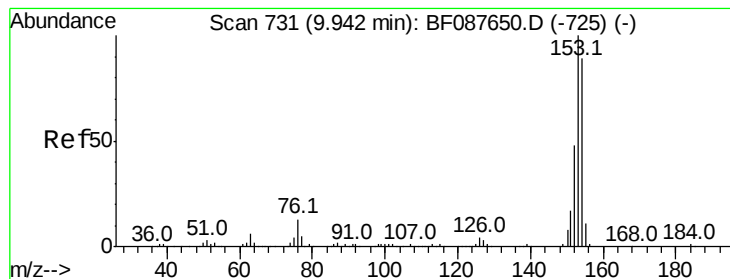
#50
2,6-Dinitrotoluene
Concen: 45.13 ng
RT: 9.69 min Scan# 709
Delta R.T. -0.00 min
Lab File: BF087669.D
Acq: 4 Jun 2016 16:44

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	166669		
63	38.4		28.1	42.1
89	43.2		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: 43.05 ng

RT: 9.94 min Scan# 731

Delta R.T. -0.00 min

Lab File: BF087669.D

Acq: 4 Jun 2016 16:44

Instrument :

BNA_F

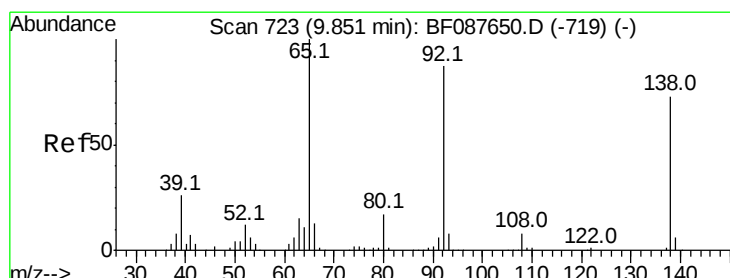
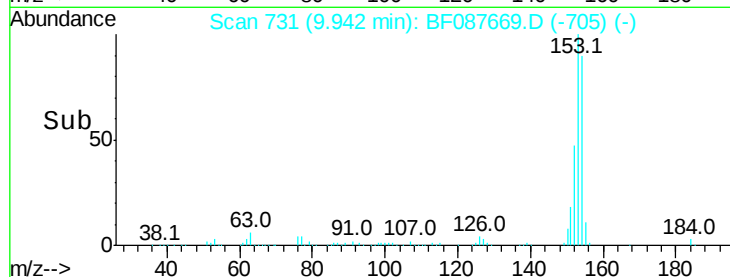
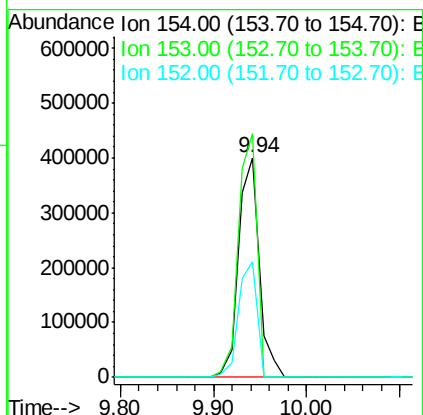
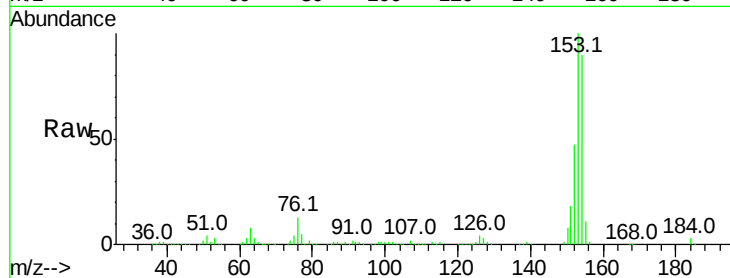
ClientSampleId :

PB91039BS

Tot Ion:	154	Resp:	622925
Ion Ratio	Lower	Upper	
154	100		
153	110.7	89.5	134.3
152	52.4	42.7	64.1

Manual Integrations
APPROVED

SOHIL
6/6/2016 7:18:12 PM



#52

3-Nitroaniline

Concen: 22.85 ng

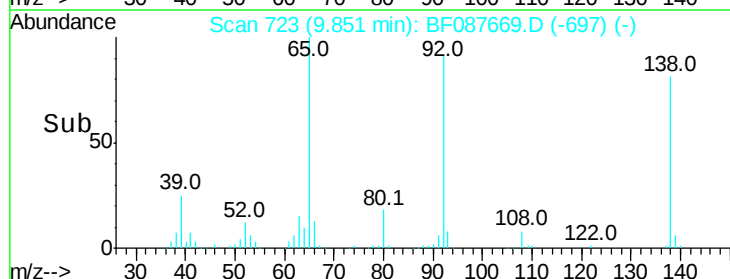
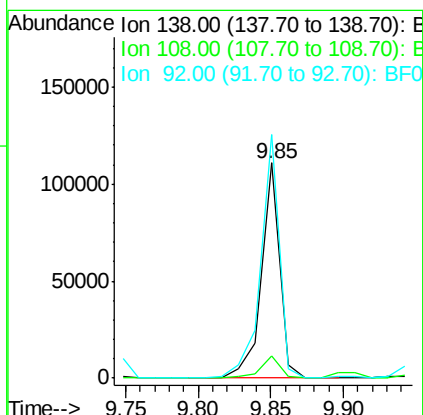
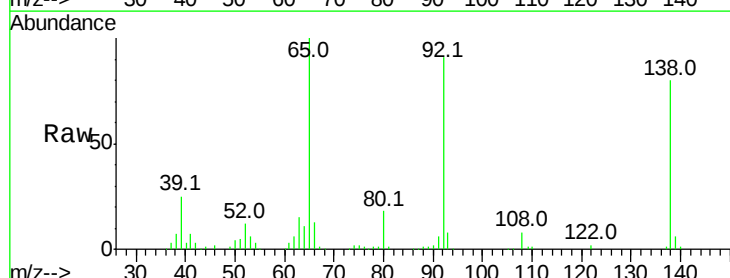
RT: 9.85 min Scan# 723

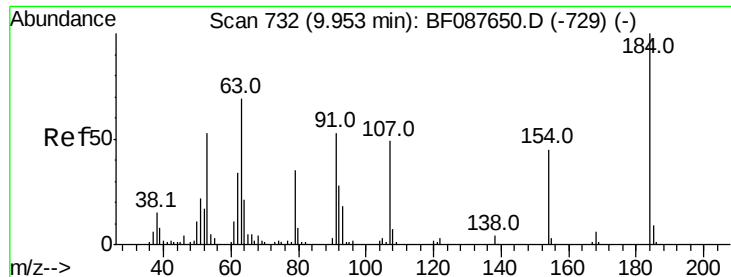
Delta R.T. -0.00 min

Lab File: BF087669.D

Acq: 4 Jun 2016 16:44

Tgt Ion:	138	Resp:	96513
Ion Ratio	Lower	Upper	
138	100		
108	10.1	8.5	12.7
92	113.3	95.7	143.5





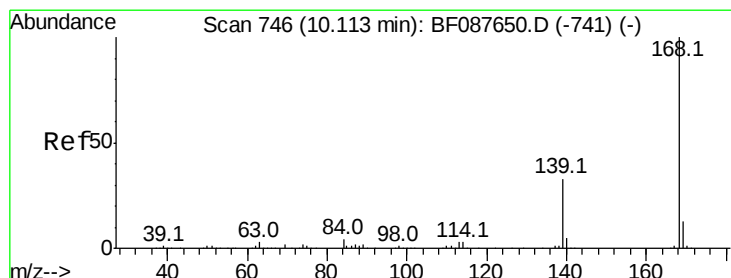
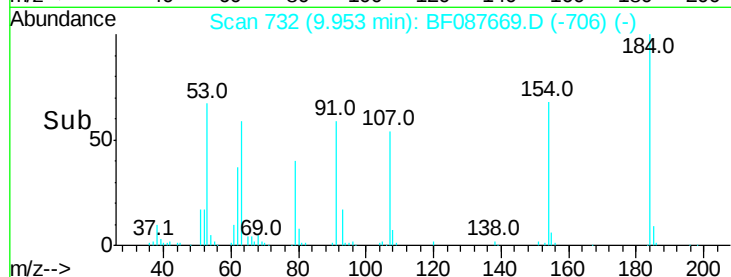
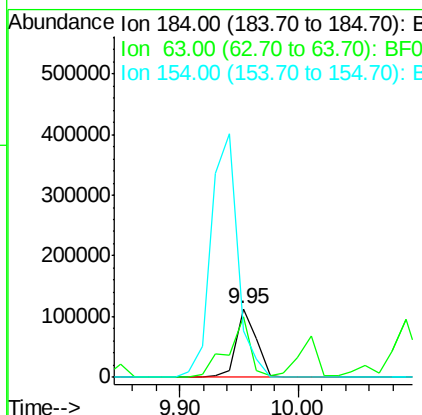
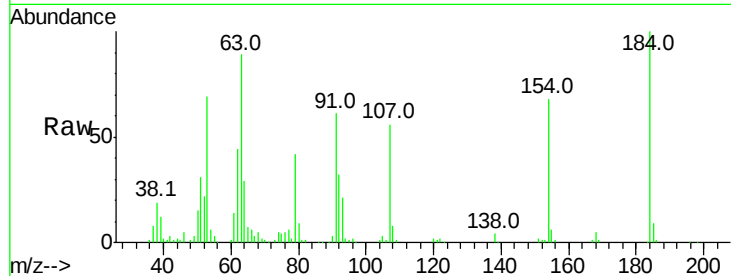
#53
2,4-Dinitrophenol
Concen: 80.32 ng
RT: 9.95 min Scan# 732
Delta R.T. 0.00 min
Lab File: BF087669.D
Acq: 4 Jun 2016 16:44

Instrument :
BNA_F
ClientSampled :
PB91039BS

Tot Ion	Ratio	Resp	Lower	Upper
184	100	134627		
63	89.0	57.6	86.4#	
154	67.5	53.5	80.3	

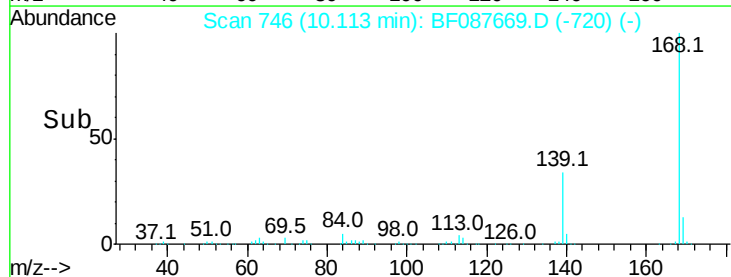
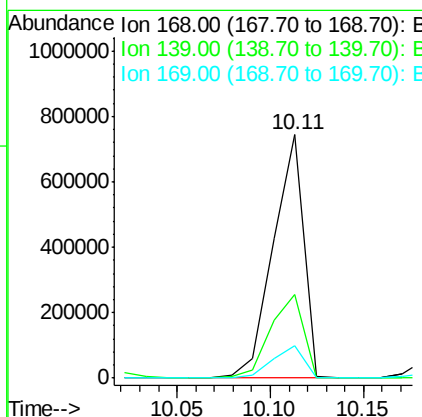
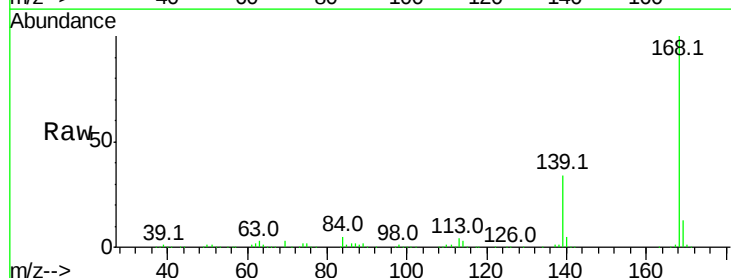
Manual Integrations
APPROVED

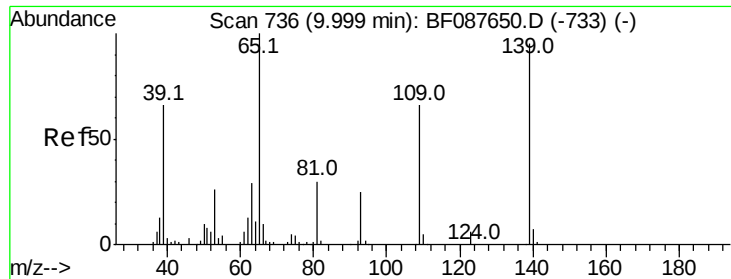
SOHIL
6/6/2016 7:18:12 PM



#54
Dibenzofuran
Concen: 43.29 ng
RT: 10.11 min Scan# 746
Delta R.T. 0.00 min
Lab File: BF087669.D
Acq: 4 Jun 2016 16:44

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	852989		
139	34.5	26.4	39.6	
169	13.3	10.4	15.6	





#55

4-Nitrophenol

Concen: 71.15 ng

RT: 10.01 min Scan# 737

Delta R.T. 0.01 min

Lab File: BF087669.D

Acq: 4 Jun 2016 16:44

Instrument :

BNA_F

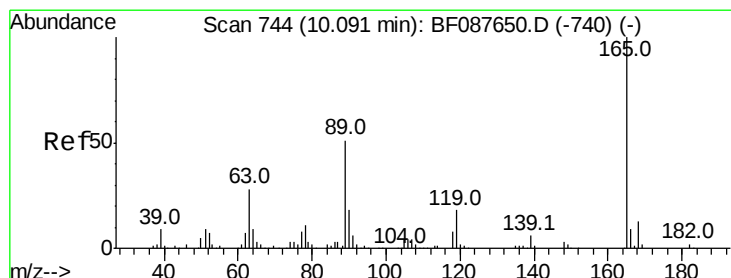
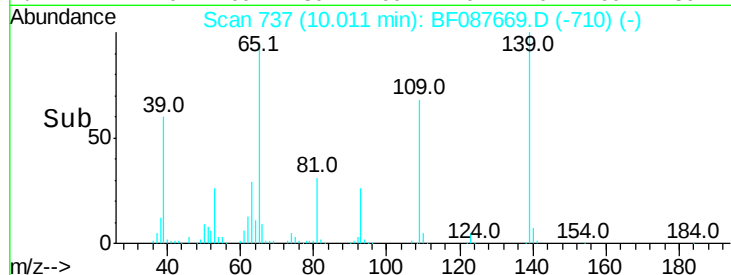
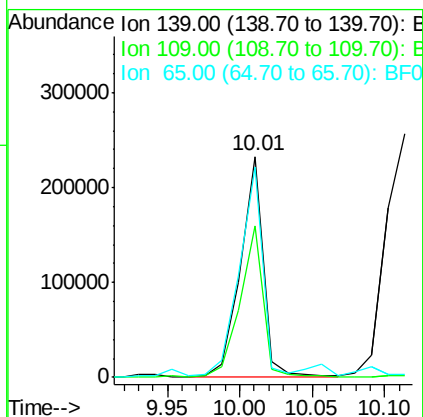
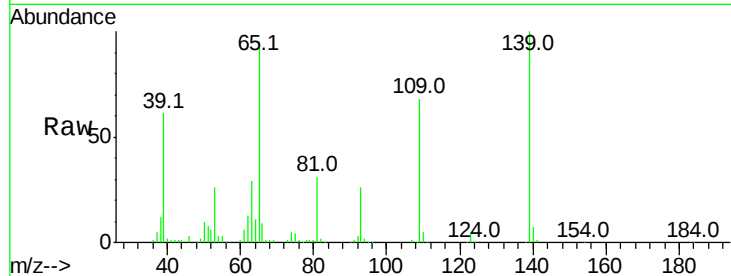
ClientSampleId :

PB91039BS

Tot Ion:	139	Resp:	256831
Ion Ratio	Lower	Upper	
139	100		
109	68.5	48.9	88.9
65	95.4	84.9	124.9

Manual Integrations
APPROVED

SOHIL
6/6/2016 7:18:12 PM



#56

2,4-Dinitrotoluene

Concen: 47.62 ng

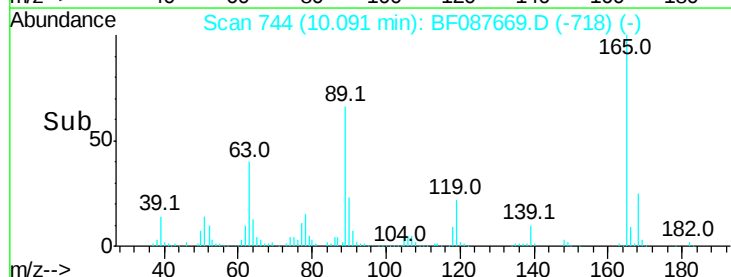
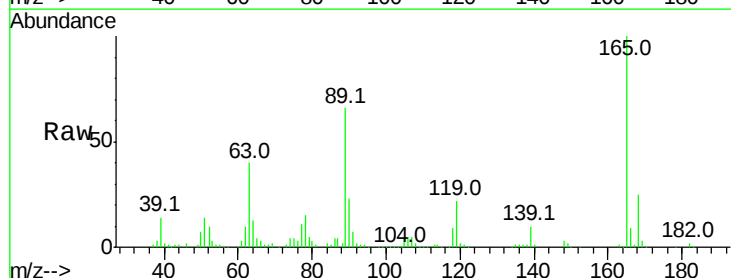
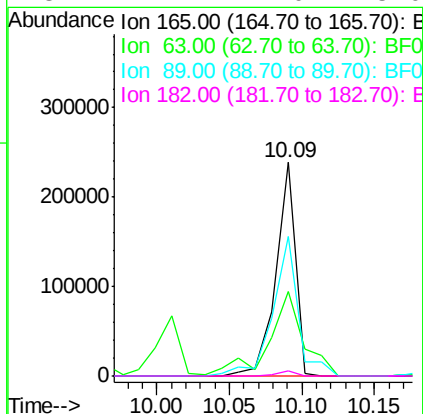
RT: 10.09 min Scan# 744

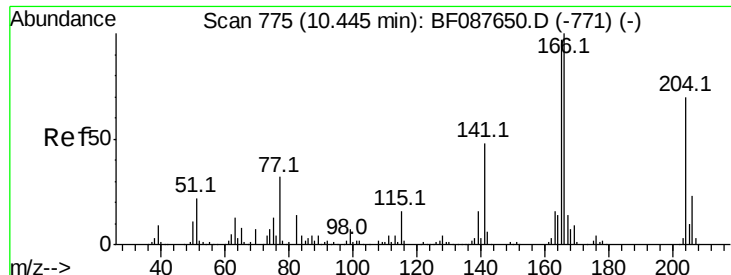
Delta R.T. -0.00 min

Lab File: BF087669.D

Acq: 4 Jun 2016 16:44

Tgt Ion:	165	Resp:	223902
Ion Ratio	Lower	Upper	
165	100		
63	39.7	22.0	33.0#
89	65.5	41.1	61.7#
182	2.4	2.0	3.0





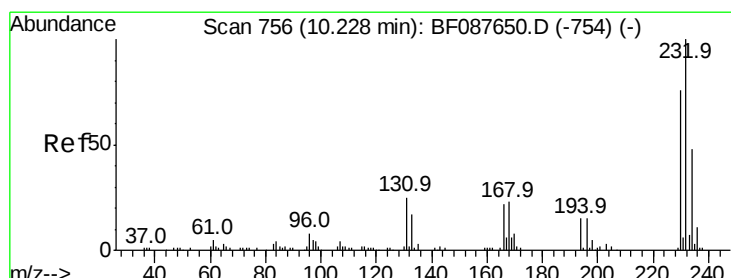
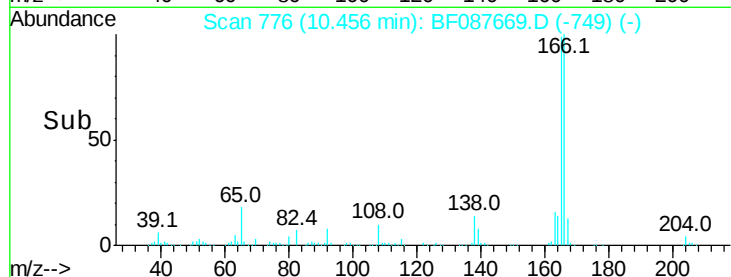
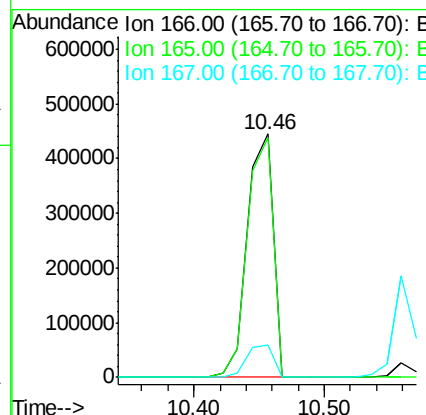
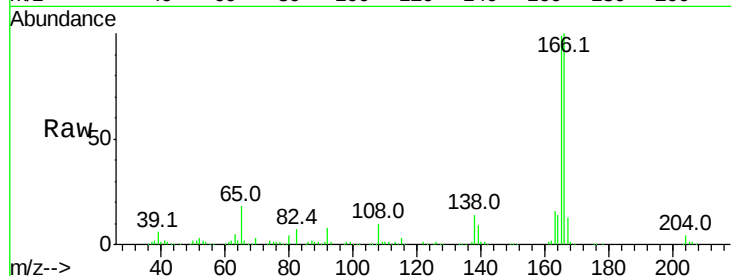
#57
 Fluorene
 Concen: 39.83 ng
 RT: 10.46 min Scan# 776
 Delta R.T. 0.01 min
 Lab File: BF087669.D
 Acq: 4 Jun 2016 16:44

Instrument :
 BNA_F
 ClientSampleId :
 PB91039BS

Tot Ion	Ratio	Resp	Lower	Upper
166	100	613448		
165	98.6	77.8	116.8	
167	13.1	11.2	16.8	

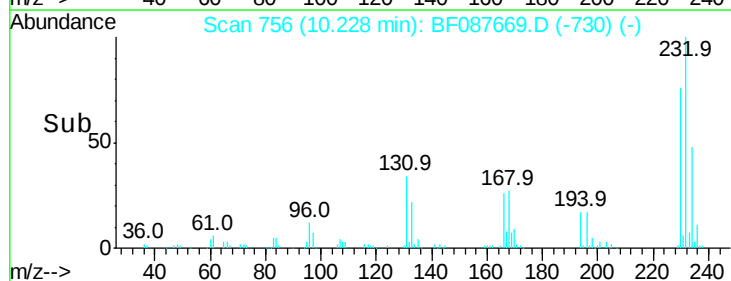
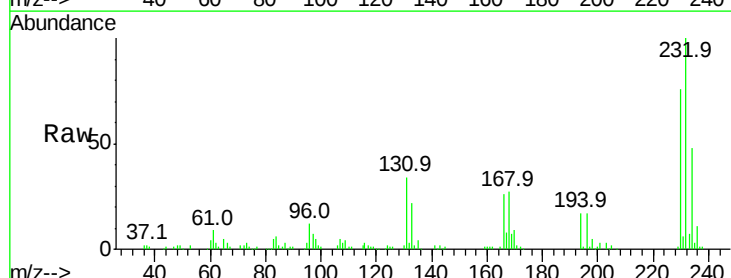
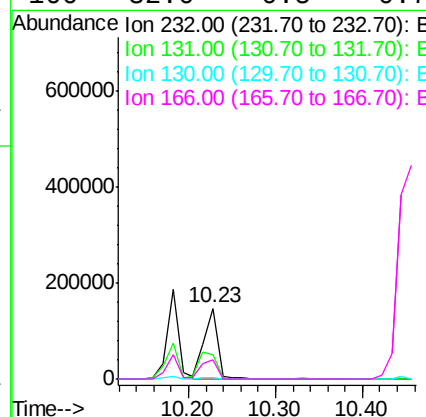
Manual Integrations
 APPROVED

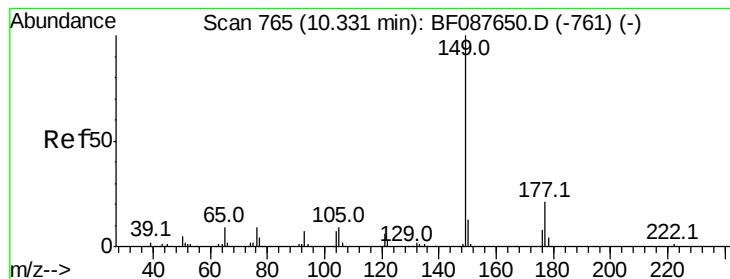
SOHIL
 6/6/2016 7:18:12 PM



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 42.82 ng
 RT: 10.23 min Scan# 756
 Delta R.T. -0.00 min
 Lab File: BF087669.D
 Acq: 4 Jun 2016 16:44

Tgt Ion	Ratio	Resp	Lower	Upper
232	100	159509		
131	48.2	0.9	1.3#	
130	2.2	1.5	2.3	
166	32.0	0.5	0.7#	





#59

Diethylphthalate

Concen: 40.19 ng

RT: 10.33 min Scan# 765

Delta R.T. -0.00 min

Lab File: BF087669.D

Acq: 4 Jun 2016 16:44

Instrument :

BNA_F

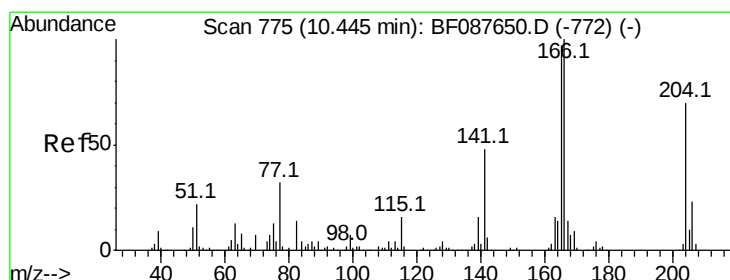
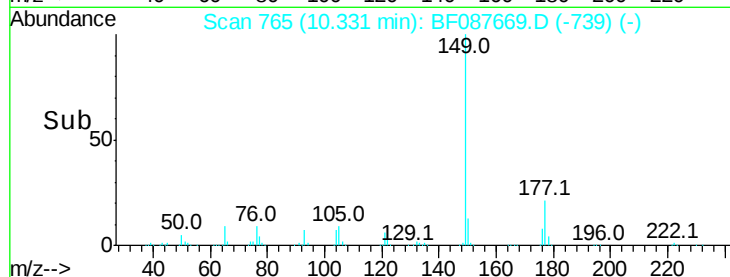
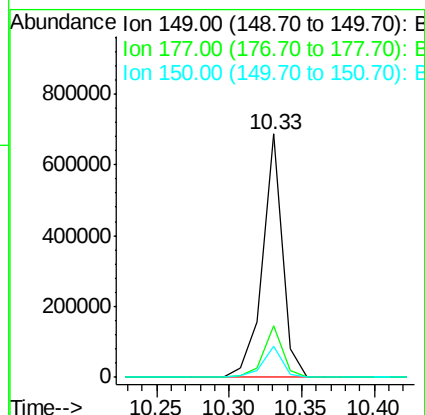
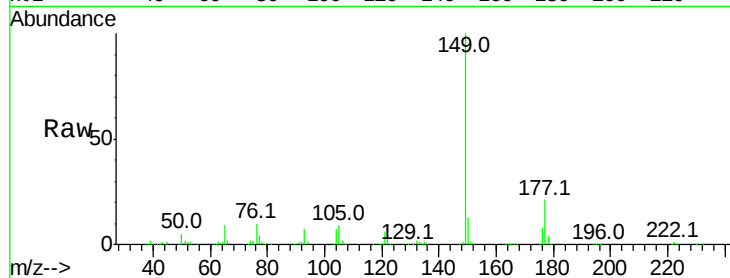
ClientSampleId :

PB91039BS

Tot Ion:	149	Resp:	655153
Ion Ratio	Lower	Upper	
149	100		
177	21.2	16.9	25.3
150	12.8	10.1	15.1

Manual Integrations
APPROVED

SOHIL
6/6/2016 7:18:12 PM



#60

4-Chlorophenyl-phenylether

Concen: 43.79 ng

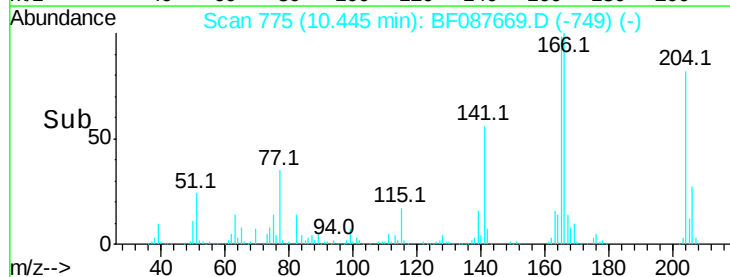
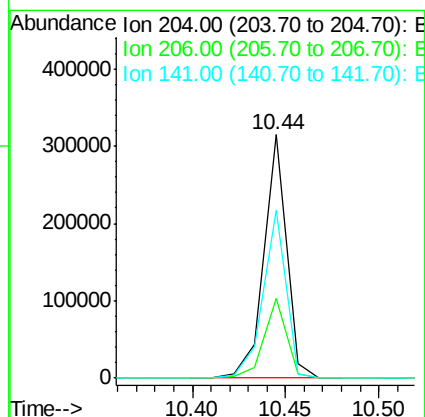
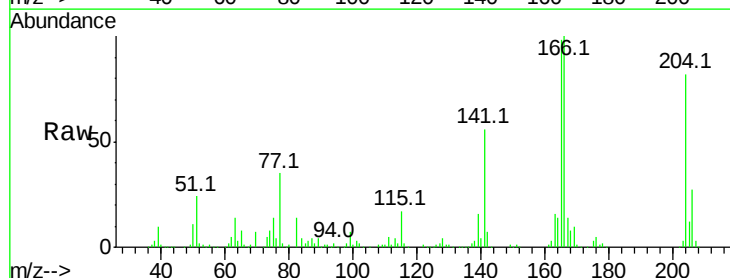
RT: 10.44 min Scan# 775

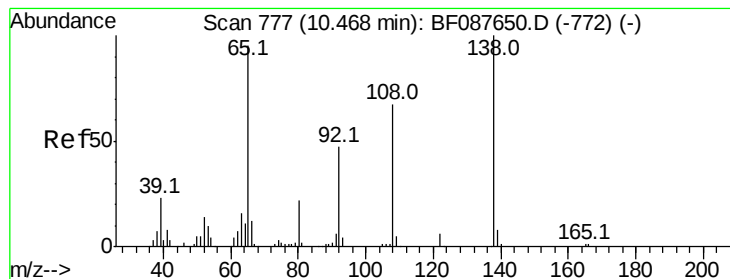
Delta R.T. 0.00 min

Lab File: BF087669.D

Acq: 4 Jun 2016 16:44

Tgt Ion:	204	Resp:	262530
Ion Ratio	Lower	Upper	
204	100		
206	32.9	26.3	39.5
141	68.9	55.0	82.6





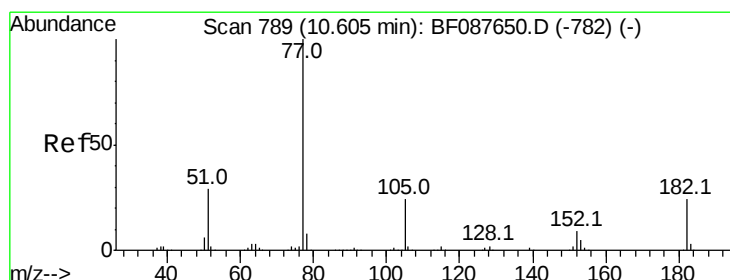
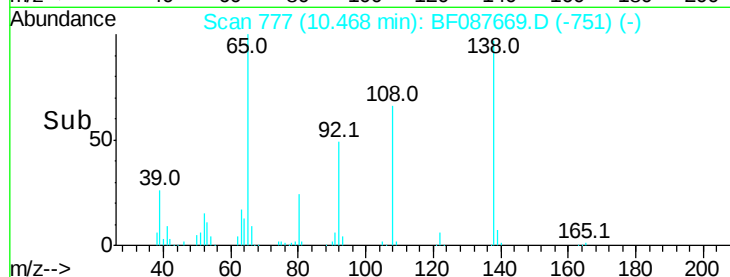
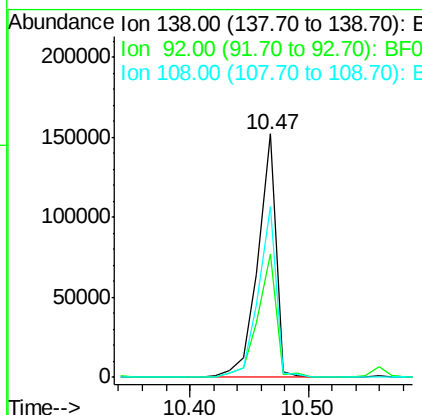
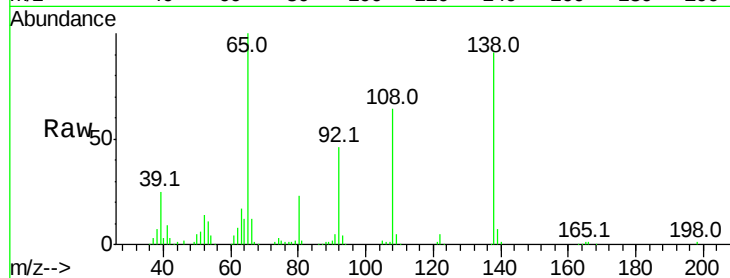
#61
4-Nitroaniline
Concen: 40.19 ng
RT: 10.47 min Scan# 777
Delta R.T. -0.00 min
Lab File: BF087669.D
Acq: 4 Jun 2016 16:44

Instrument :
BNA_F
ClientSampleId :
PB91039BS

Tot Ion	Ratio	Lower	Upper
138	100		
92	50.8	27.3	67.3
108	70.3	46.7	86.7

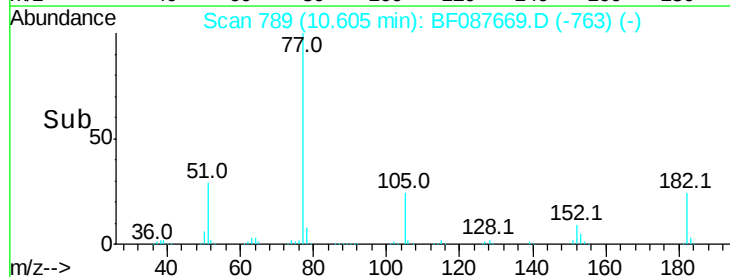
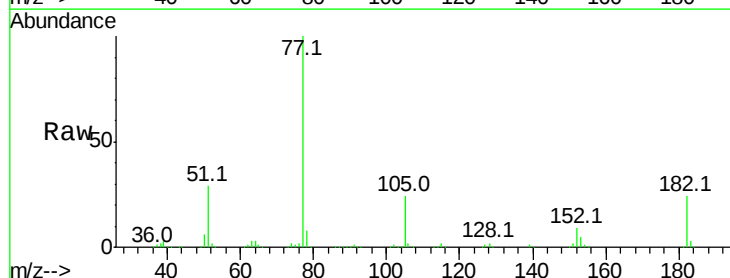
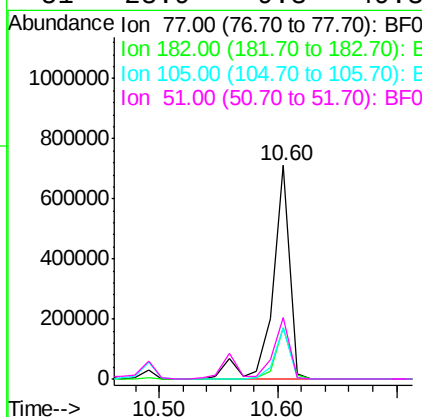
Manual Integrations
APPROVED

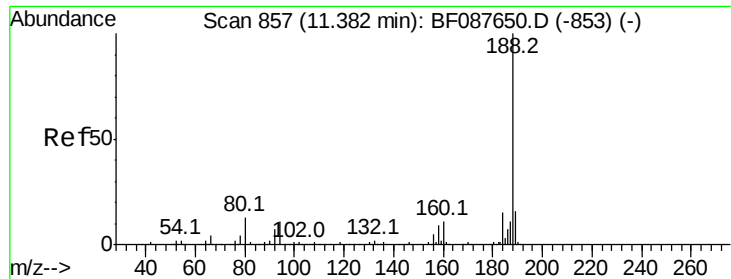
SOHIL
6/6/2016 7:18:12 PM



#62
Azobenzene
Concen: 43.56 ng
RT: 10.60 min Scan# 789
Delta R.T. -0.00 min
Lab File: BF087669.D
Acq: 4 Jun 2016 16:44

Tgt Ion	Ratio	Lower	Upper
77	100		
182	24.2	4.4	44.4
105	24.0	3.8	43.8
51	28.9	9.3	49.3





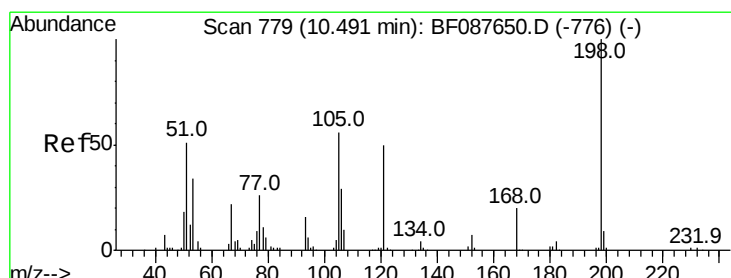
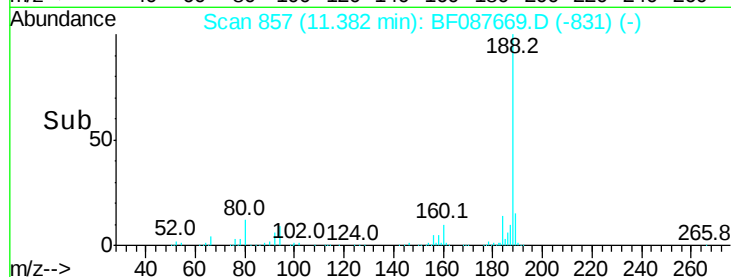
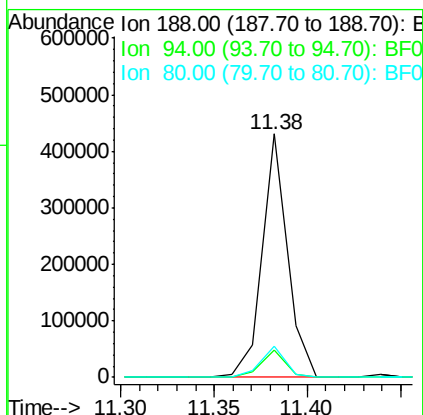
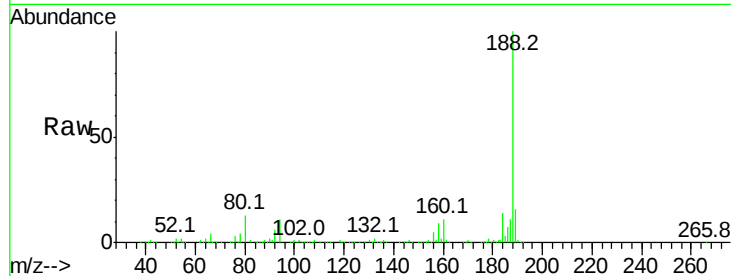
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.38 min Scan# 857
Delta R.T. -0.00 min
Lab File: BF087669.D
Acq: 4 Jun 2016 16:44

Instrument :
BNA_F
ClientSampleId :
PB91039BS

Tot Ion	Ratio	Resp	Lower	Upper
188	100	401591		
94	11.4		9.0	13.6
80	12.6		10.0	15.0

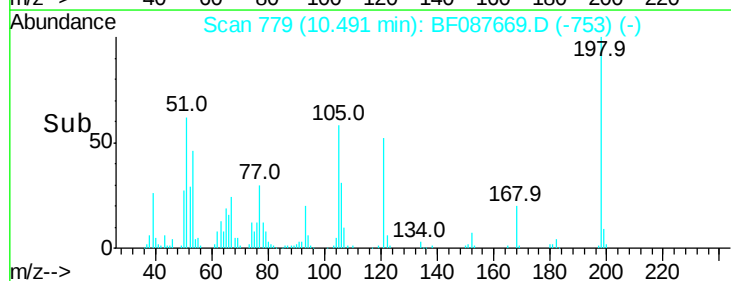
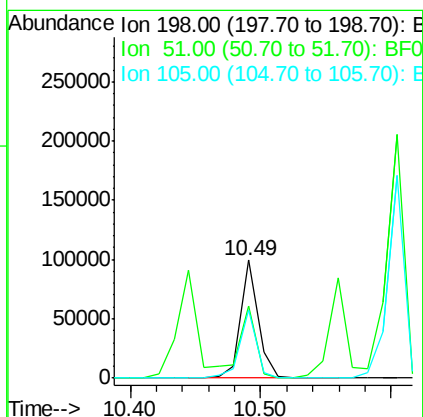
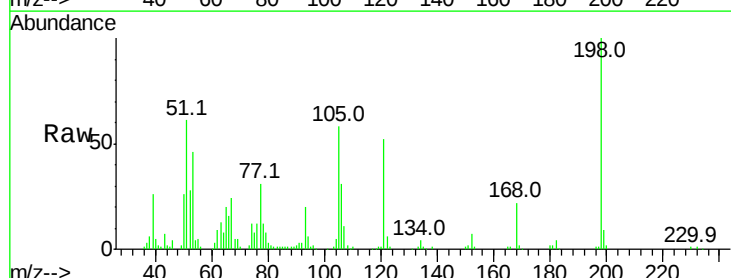
Manual Integrations
APPROVED

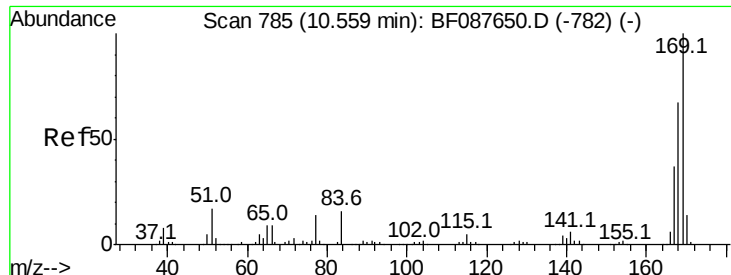
SOHIL
6/6/2016 7:18:12 PM



#64
4,6-Dinitro-2-methylphenol
Concen: 41.74 ng
RT: 10.49 min Scan# 779
Delta R.T. 0.00 min
Lab File: BF087669.D
Acq: 4 Jun 2016 16:44

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	92566		
51	61.4		39.6	79.6
105	57.7		36.6	76.6





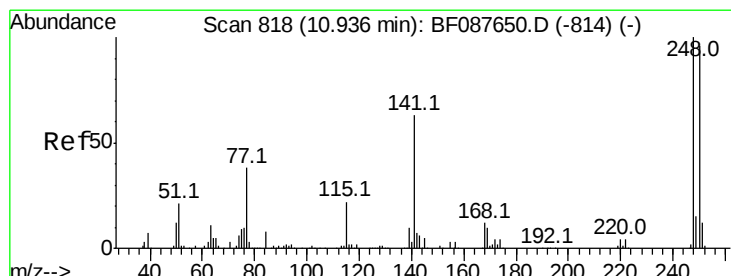
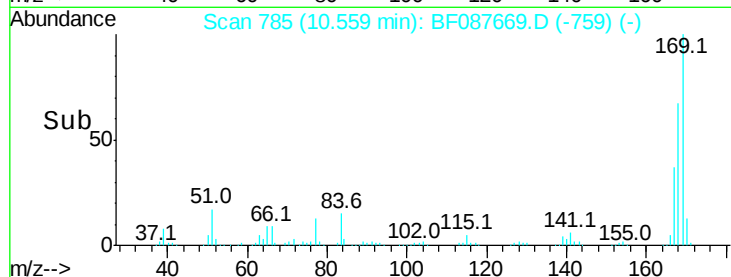
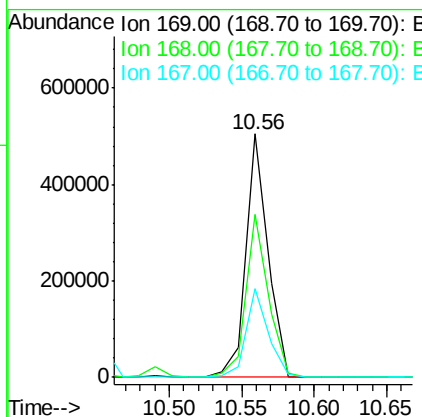
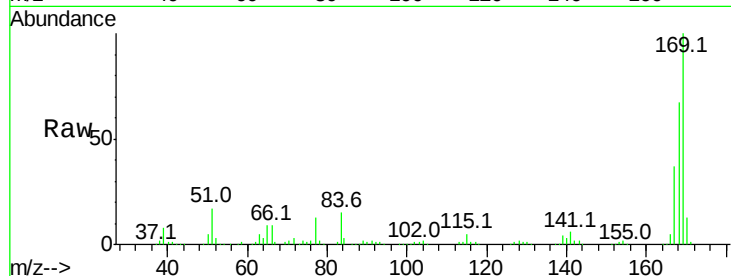
#65
n-Nitrosodiphenylamine
Concen: 40.58 ng
RT: 10.56 min Scan# 785
Delta R.T. -0.00 min
Lab File: BF087669.D
Acq: 4 Jun 2016 16:44

Instrument :
BNA_F
ClientSampleId :
PB91039BS

Tot Ion	Ratio	Resp	Lower	Upper
169	100	533737		
168	66.9		53.4	80.0
167	36.6		29.4	44.0

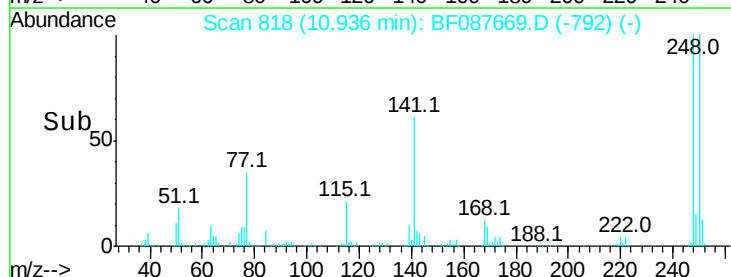
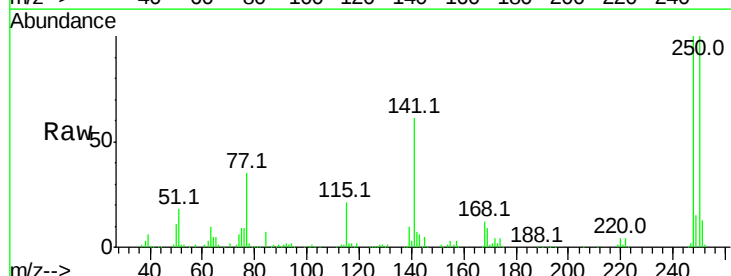
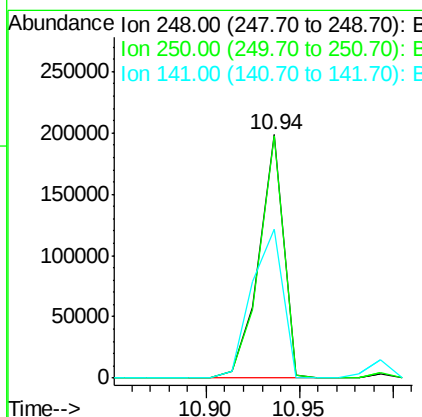
Manual Integrations
APPROVED

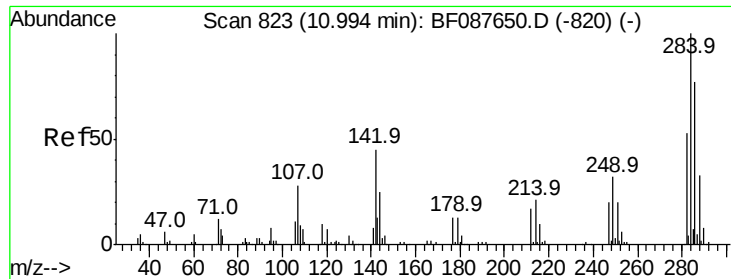
SOHIL
6/6/2016 7:18:12 PM



#66
4-Bromophenyl-phenylether
Concen: 45.58 ng
RT: 10.94 min Scan# 818
Delta R.T. -0.00 min
Lab File: BF087669.D
Acq: 4 Jun 2016 16:44

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	181491		
250	99.7		77.1	115.7
141	61.4		50.6	76.0





#67

Hexachlorobenzene

Concen: 40.29 ng

RT: 10.99 min Scan# 823

Delta R.T. -0.00 min

Lab File: BF087669.D

Acq: 4 Jun 2016 16:44

Instrument :

BNA_F

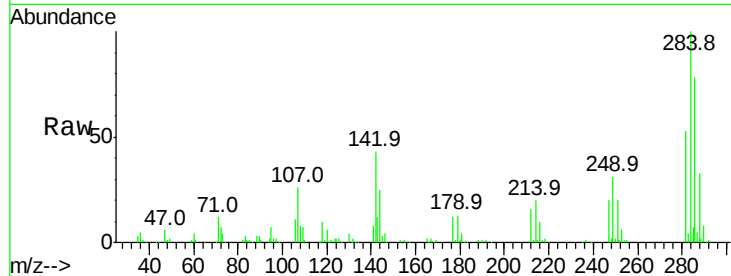
ClientSampleId :

PB91039BS

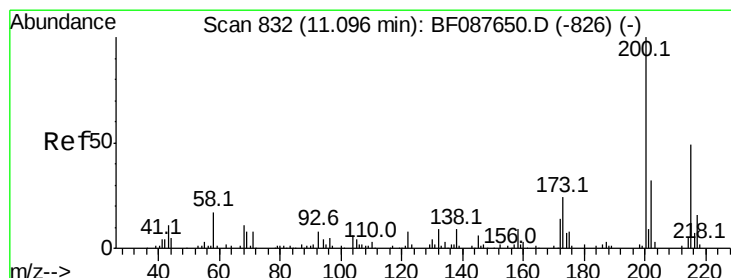
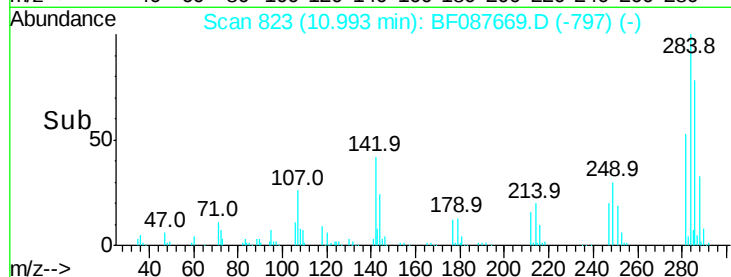
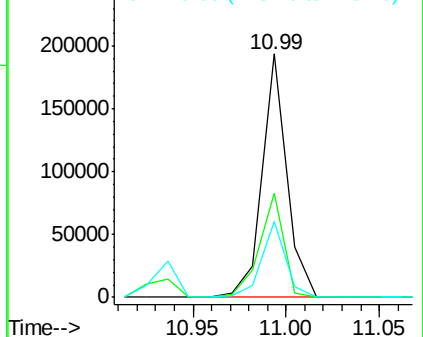
Tot Ion:	284	Resp:	179415
Ion Ratio	Lower	Upper	
284	100		
142	42.9	35.8	53.8
249	31.0	25.8	38.6

Manual Integrations
APPROVED

SOHIL
6/6/2016 7:18:12 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: 45.11 ng

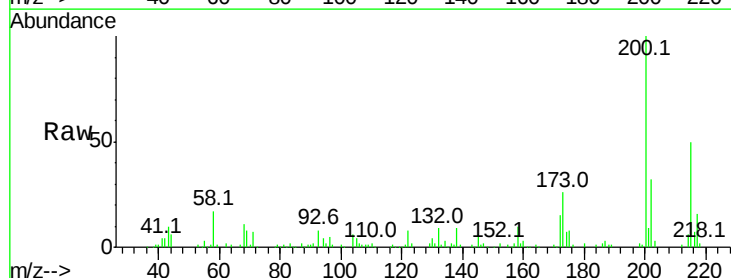
RT: 11.10 min Scan# 832

Delta R.T. -0.00 min

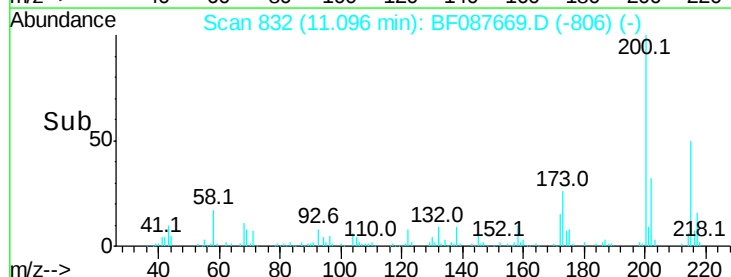
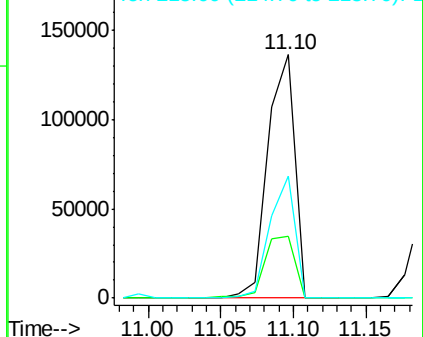
Lab File: BF087669.D

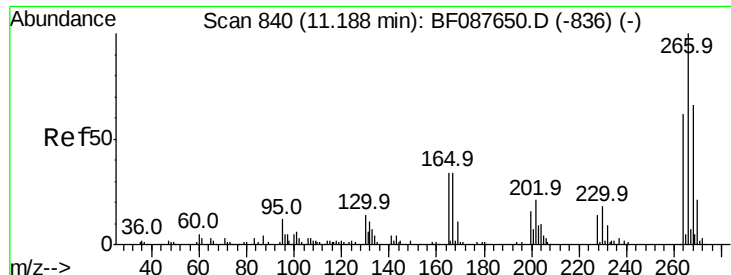
Acq: 4 Jun 2016 16:44

Tgt Ion:	200	Resp:	175782
Ion Ratio	Lower	Upper	
200	100		
173	25.6	4.0	44.0
215	50.3	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





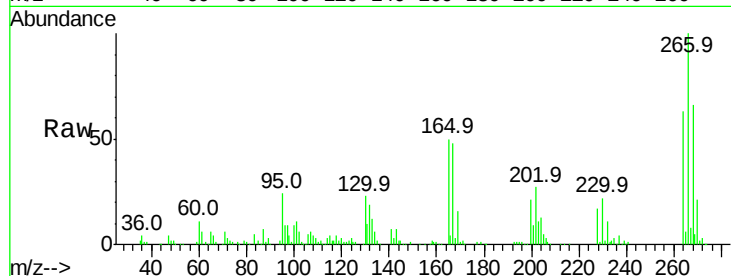
#69
 Pentachlorophenol
 Concen: 84.17 ng
 RT: 11.19 min Scan# 840
 Delta R.T. 0.00 min
 Lab File: BF087669.D
 Acq: 4 Jun 2016 16:44

Instrument :
 BNA_F
 ClientSampleId :
 PB91039BS

Tot Ion	Ratio	Resp	Lower	Upper
266	100	222713		
268	66.1	52.8	79.2	
264	62.9	49.6	74.4	

Manual Integrations
 APPROVED

SOHIL
 6/6/2016 7:18:12 PM

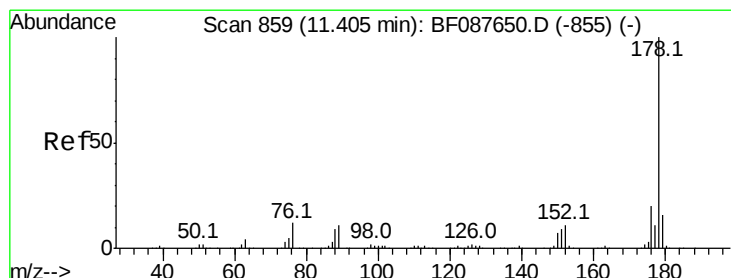
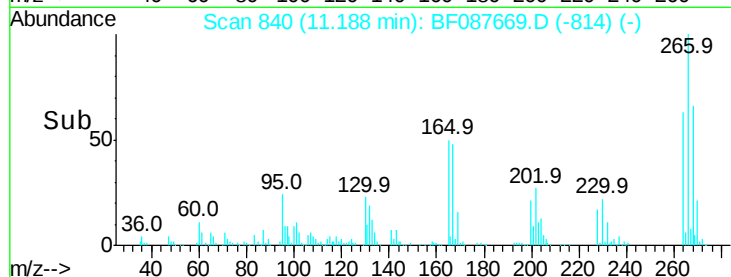
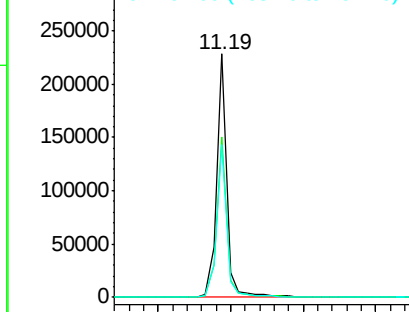


Abundance

Ion 265.70 (265.40 to 266.40): E

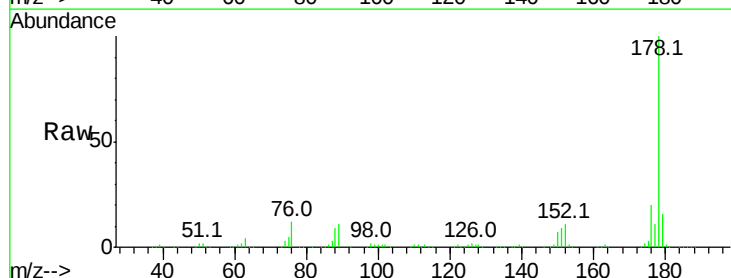
Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E



#70
 Phenanthrene
 Concen: 39.22 ng
 RT: 11.40 min Scan# 859
 Delta R.T. -0.00 min
 Lab File: BF087669.D
 Acq: 4 Jun 2016 16:44

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	853992		
176	19.6	15.8	23.6	
179	16.0	13.0	19.4	

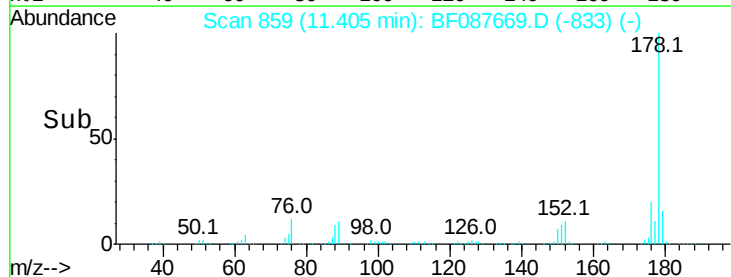
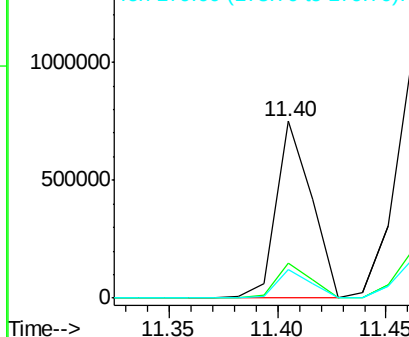


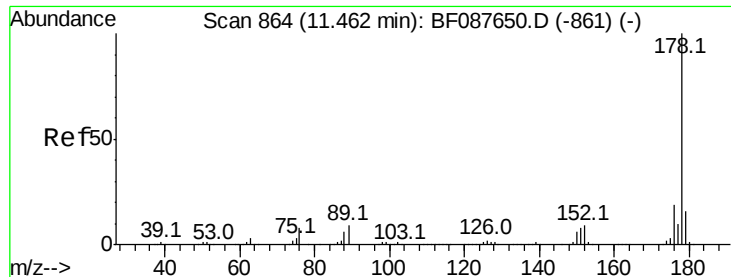
Abundance

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





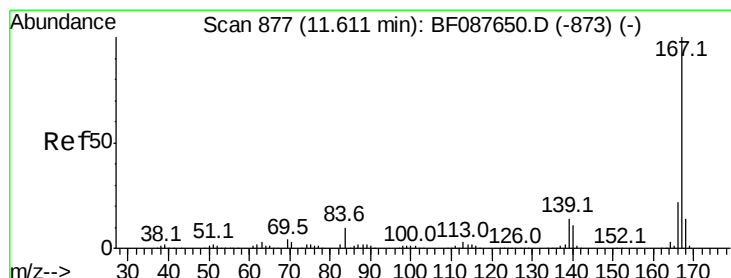
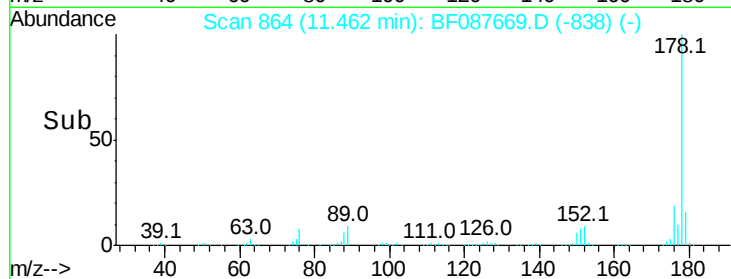
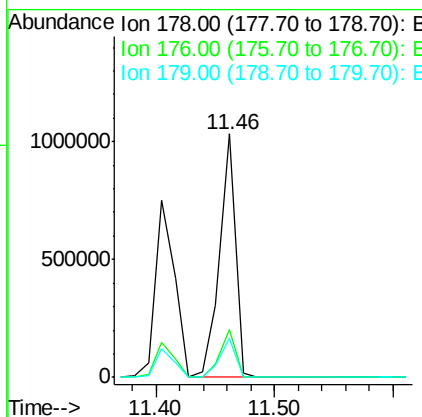
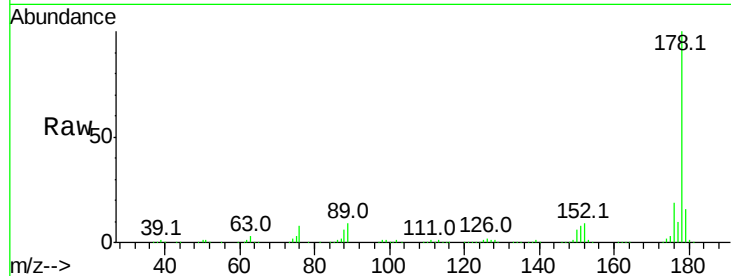
#71
 Anthracene
 Concen: 43.53 ng
 RT: 11.46 min Scan# 864
 Delta R.T. -0.00 min
 Lab File: BF087669.D
 Acq: 4 Jun 2016 16:44

Instrument :
 BNA_F
 ClientSampleId :
 PB91039BS

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.4	15.6	23.4
179	15.9	12.8	19.2

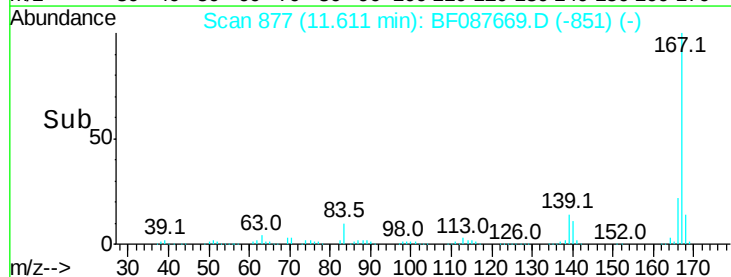
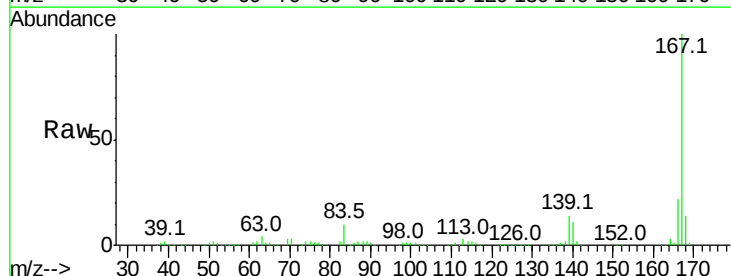
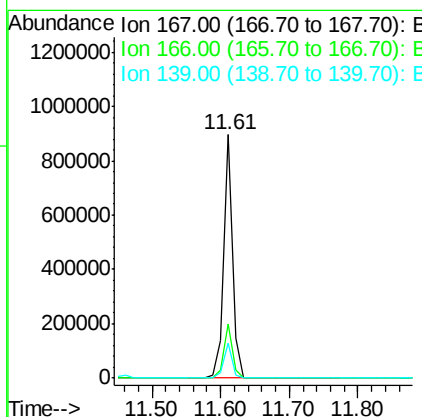
Manual Integrations
 APPROVED

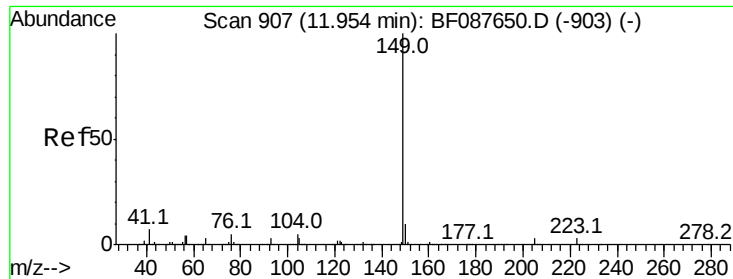
SOHIL
 6/6/2016 7:18:12 PM



#72
 Carbazole
 Concen: 39.84 ng
 RT: 11.61 min Scan# 877
 Delta R.T. -0.00 min
 Lab File: BF087669.D
 Acq: 4 Jun 2016 16:44

Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.3	17.8	26.6
139	14.3	11.2	16.8





#73

Di-n-butylphthalate

Concen: 45.82 ng

RT: 11.95 min Scan# 907

Delta R.T. -0.00 min

Lab File: BF087669.D

Acq: 4 Jun 2016 16:44

Instrument :

BNA_F

ClientSampleId :

PB91039BS

Tot Ion:149 Resp: 1014522

Ion Ratio Lower Upper

149 100

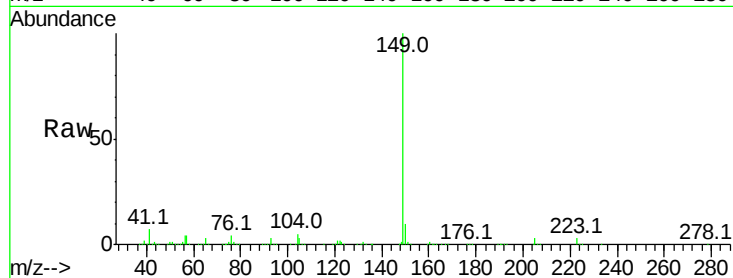
150 9.8 7.8 11.6

104 5.0 4.0 6.0

Manual Integrations
APPROVED

SOHIL

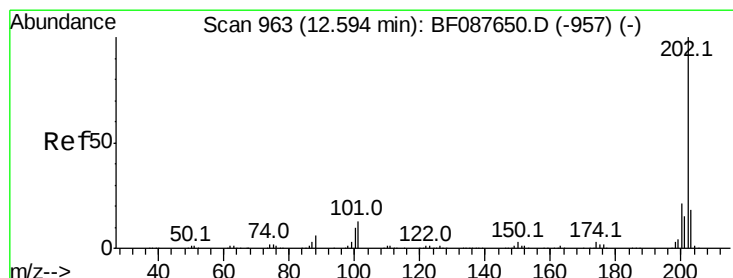
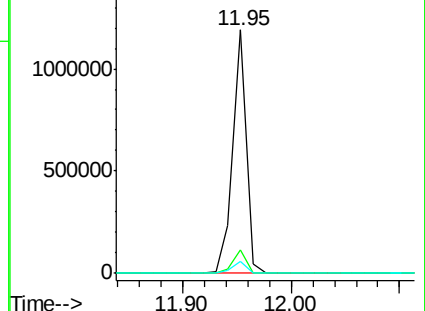
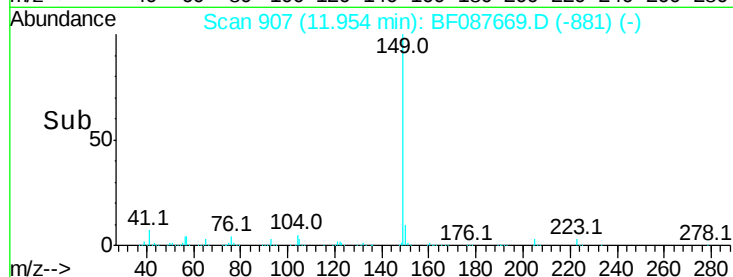
6/6/2016 7:18:12 PM



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: 44.09 ng

RT: 12.59 min Scan# 963

Delta R.T. -0.00 min

Lab File: BF087669.D

Acq: 4 Jun 2016 16:44

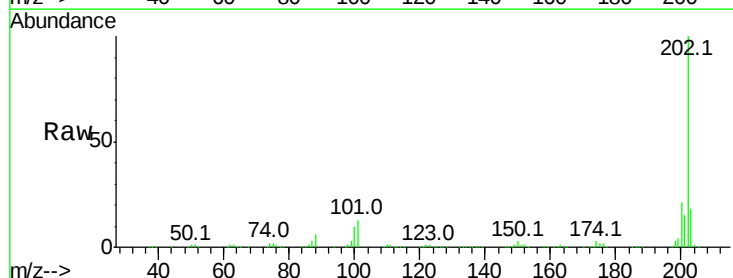
Tgt Ion:202 Resp: 944734

Ion Ratio Lower Upper

202 100

101 12.9 0.0 33.1

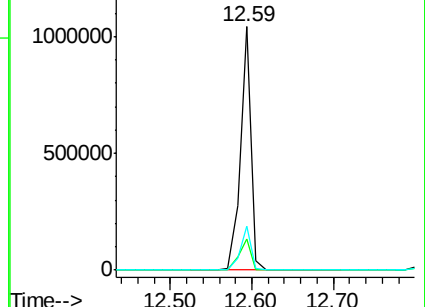
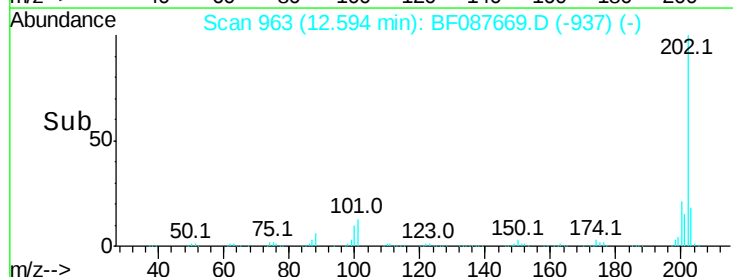
203 18.0 0.0 38.1

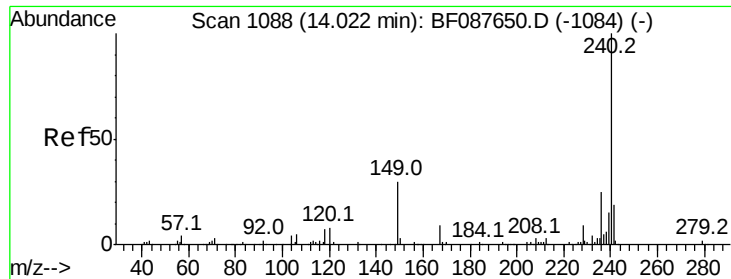


Abundance Ion 202.00 (201.70 to 202.70): E

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: BF087669.D

Acq: 4 Jun 2016 16:44

Instrument :

BNA_F

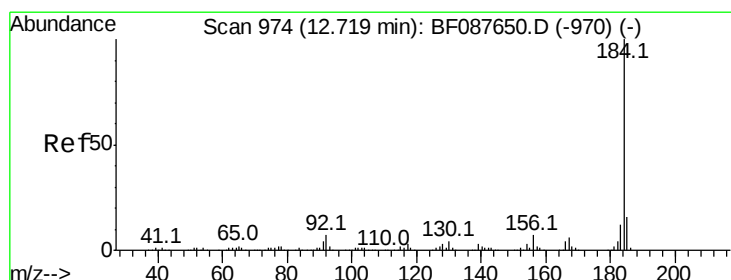
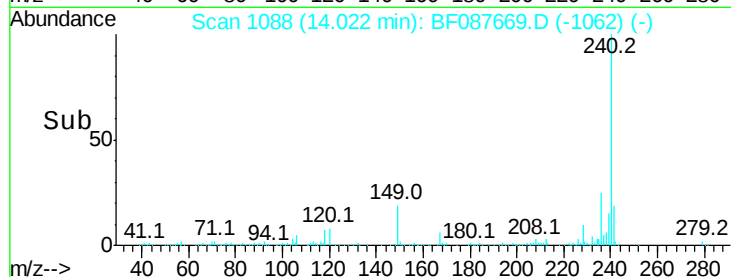
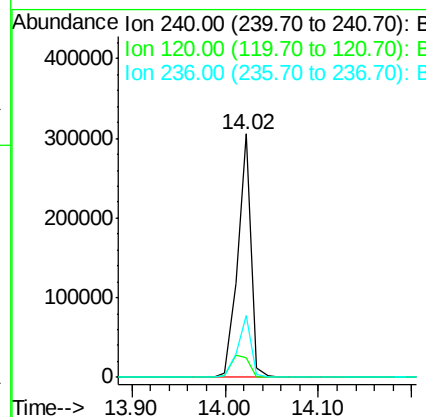
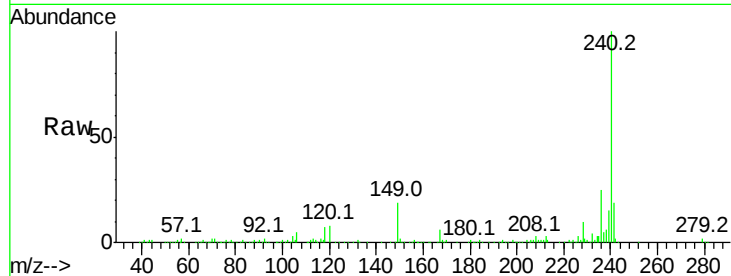
ClientSampleId :

PB91039BS

Tot Ion:	240	Resp:	306409
Ion Ratio	Lower	Upper	
240	100		
120	8.0	6.8	10.2
236	25.3	20.2	30.2

Manual Integrations
APPROVED

SOHIL
6/6/2016 7:18:12 PM



#76

Benzidine

Concen: 23.49 ng

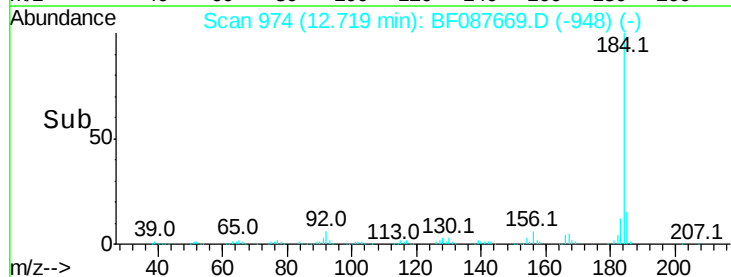
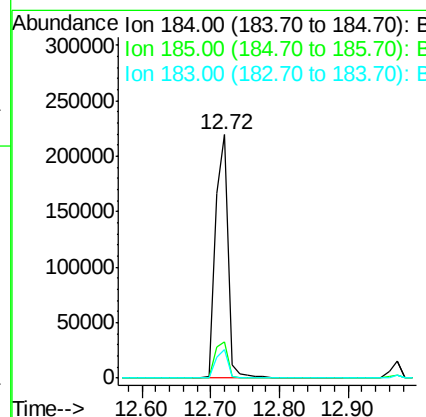
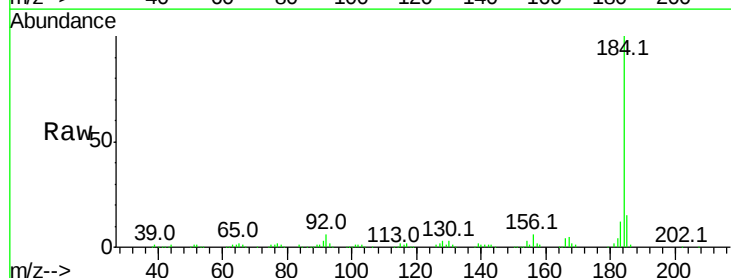
RT: 12.72 min Scan# 974

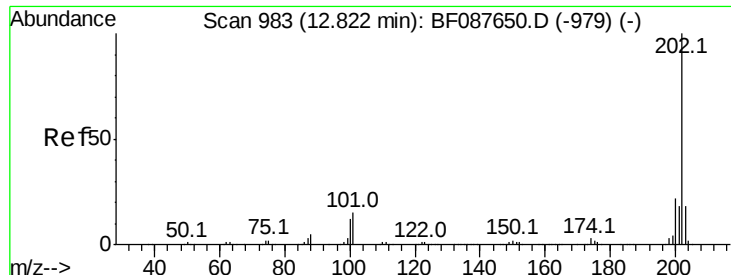
Delta R.T. 0.00 min

Lab File: BF087669.D

Acq: 4 Jun 2016 16:44

Tgt Ion:	184	Resp:	283811
Ion Ratio	Lower	Upper	
184	100		
185	15.2	12.5	18.7
183	11.5	9.3	13.9





#77

Pvrene

Concen: 44.02 ng

RT: 12.82 min Scan# 983

Delta R.T. -0.00 min

Lab File: BF087669.D

Acq: 4 Jun 2016 16:44

Instrument :

BNA_F

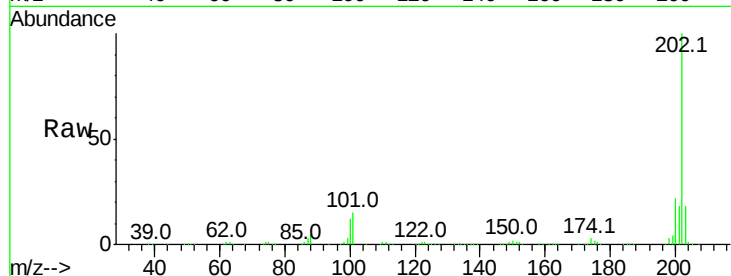
ClientSampleId :

PB91039BS

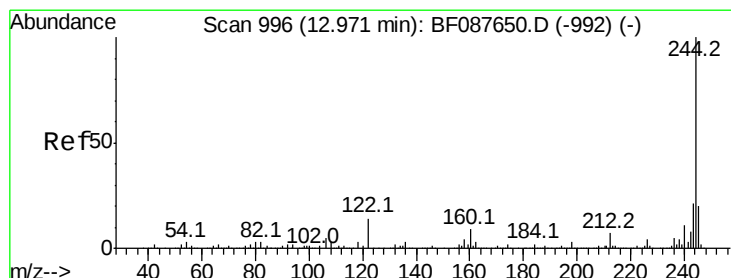
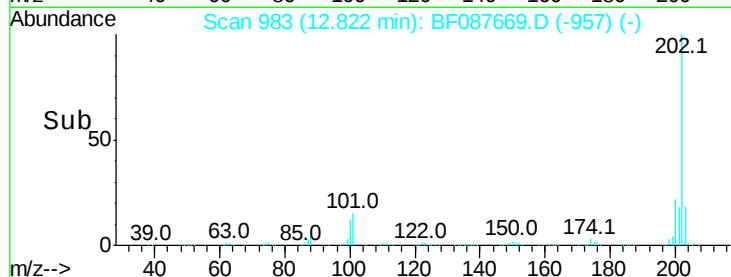
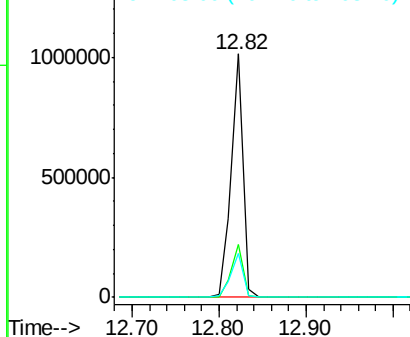
Tot Ion:	202	Resp:	960541
Ion Ratio	Lower	Upper	
202	100		
200	22.0	17.4	26.2
203	18.2	14.5	21.7

Manual Integrations
APPROVED

SOHIL
6/6/2016 7:18:12 PM



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



#78

Terphenyl-d14

Concen: 78.18 ng

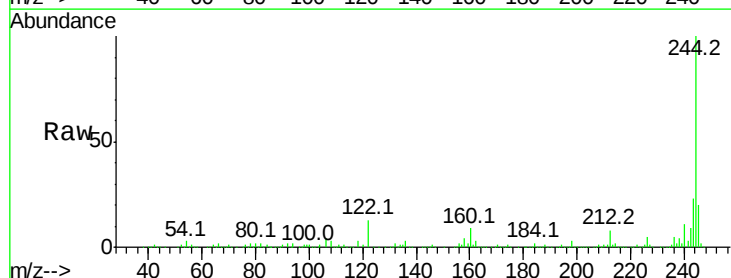
RT: 12.97 min Scan# 996

Delta R.T. 0.00 min

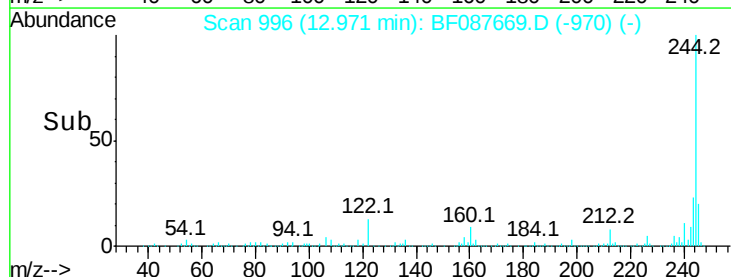
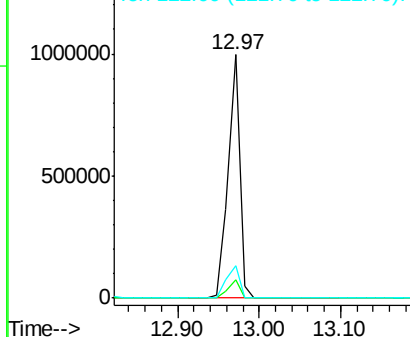
Lab File: BF087669.D

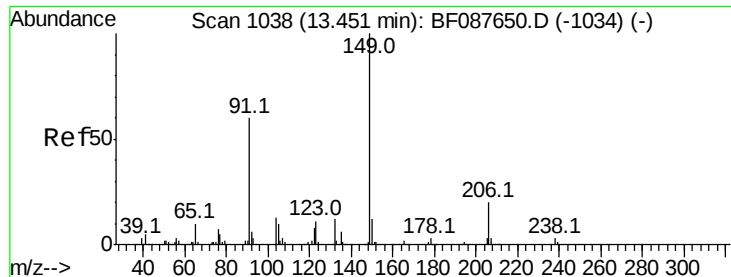
Acq: 4 Jun 2016 16:44

Tgt Ion:	244	Resp:	981736
Ion Ratio	Lower	Upper	
244	100		
212	7.7	6.0	9.0
122	13.4	11.2	16.8



Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E





#79

Butylbenzylphthalate

Concen: 48.50 ng

RT: 13.45 min Scan# 1038

Delta R.T. 0.00 min

Lab File: BF087669.D

Acq: 4 Jun 2016 16:44

Instrument :

BNA_F

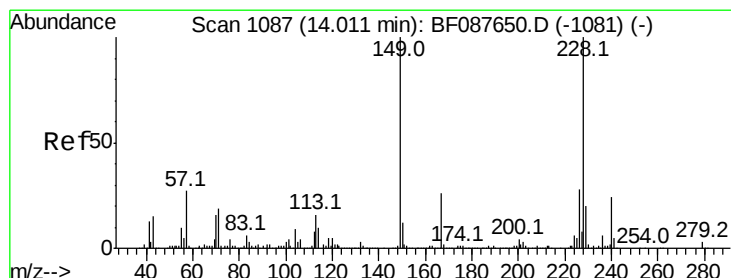
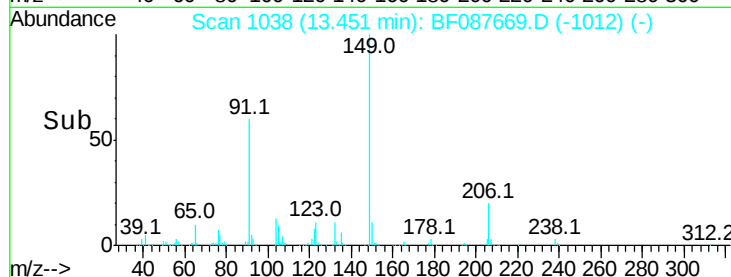
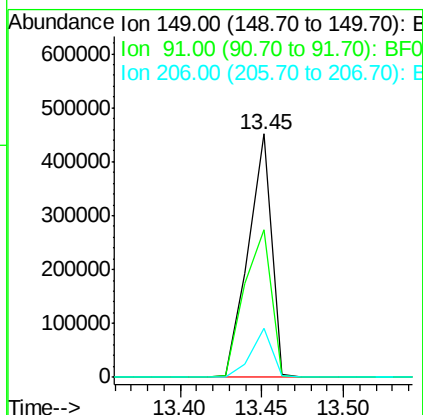
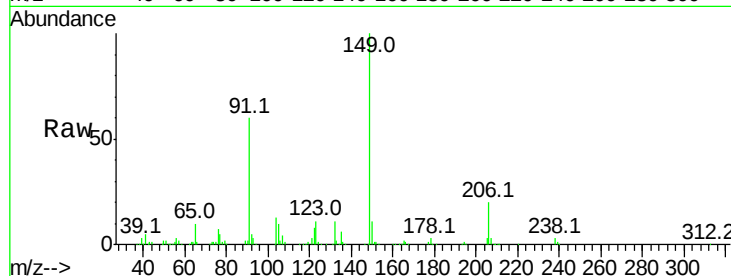
ClientSampleId :

PB91039BS

Tot Ion:	149	Resp:	450327
Ion Ratio	Lower	Upper	
149	100		
91	60.4	48.0	72.0
206	20.3	16.0	24.0

Manual Integrations
APPROVED

SOHIL
6/6/2016 7:18:12 PM



#80

Benzo(a)anthracene

Concen: 43.07 ng

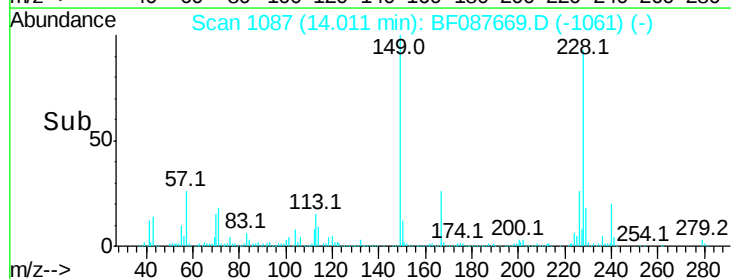
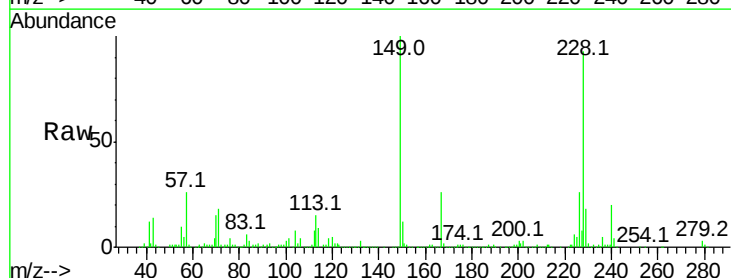
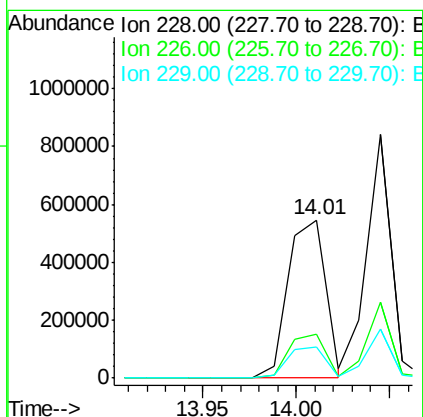
RT: 14.01 min Scan# 1087

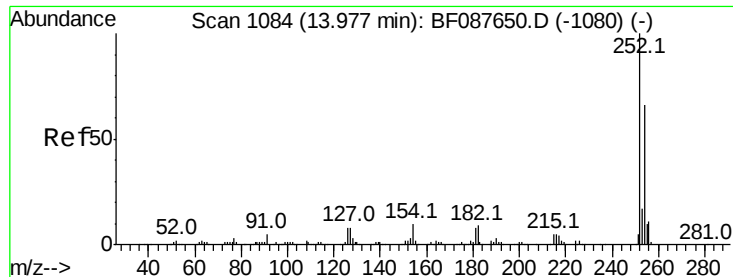
Delta R.T. -0.00 min

Lab File: BF087669.D

Acq: 4 Jun 2016 16:44

Tgt Ion:	228	Resp:	761628
Ion Ratio	Lower	Upper	
228	100		
226	27.5	22.3	33.5
229	19.8	16.0	24.0





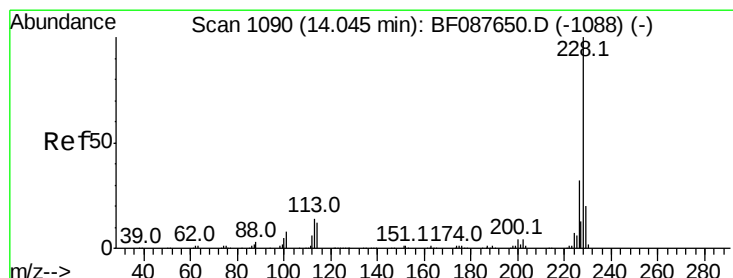
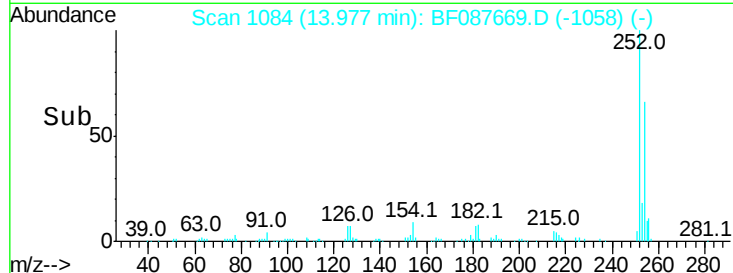
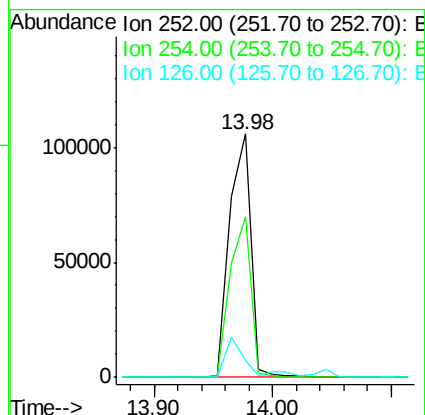
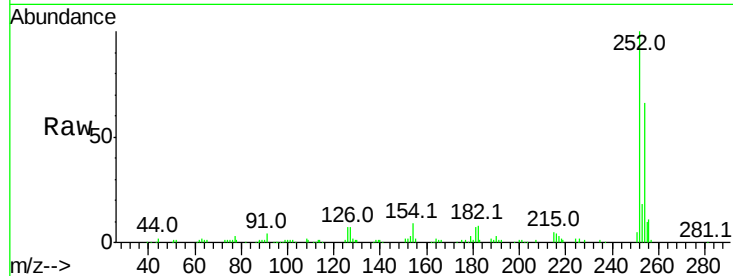
#81
 3,3'-Dichlorobenzidine
 Concen: 26.33 ng
 RT: 13.98 min Scan# 1084
 Delta R.T. -0.00 min
 Lab File: BF087669.D
 Acq: 4 Jun 2016 16:44

Instrument :
 BNA_F
 ClientSampled :
 PB91039BS

Tot Ion	Ratio	Resp Lower	Upper
252	100		
254	65.9	52.6	78.8
126	7.3	6.2	9.2

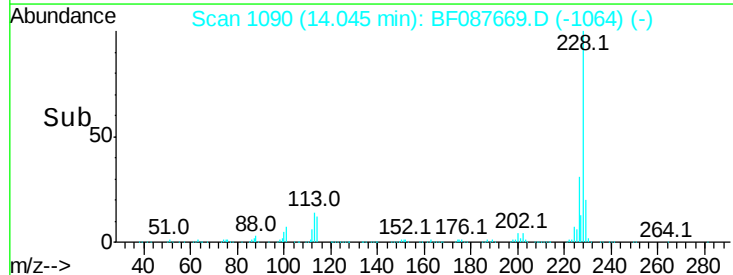
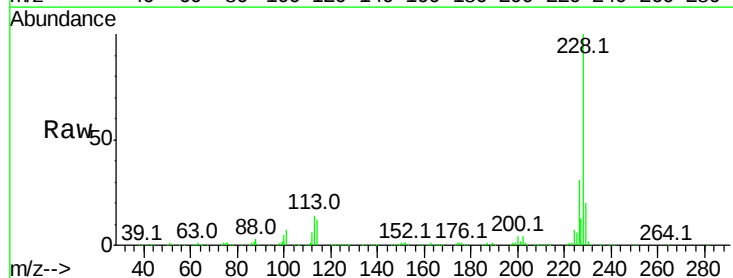
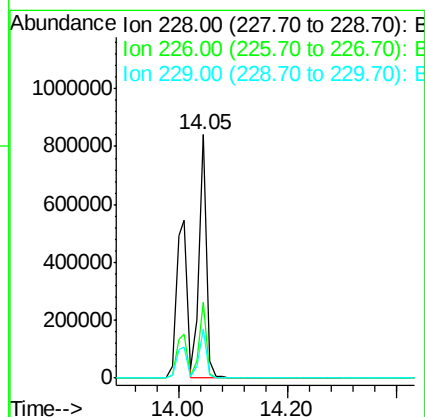
Manual Integrations
 APPROVED

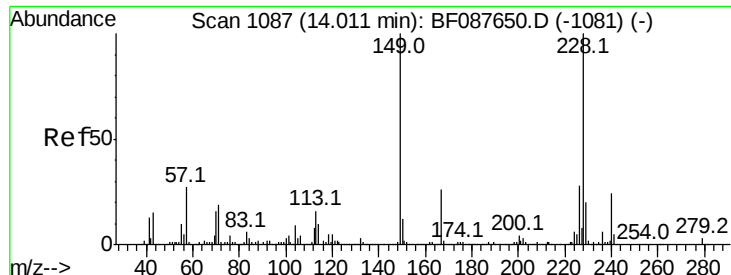
SOHIL
 6/6/2016 7:18:12 PM



#82
 Chrysene
 Concen: 43.84 ng
 RT: 14.05 min Scan# 1090
 Delta R.T. -0.00 min
 Lab File: BF087669.D
 Acq: 4 Jun 2016 16:44

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
226	31.3	25.4	38.2
229	20.2	16.3	24.5





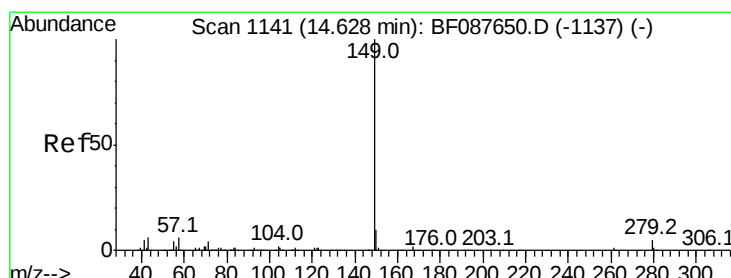
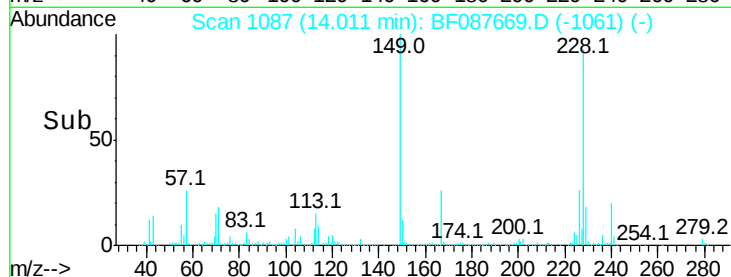
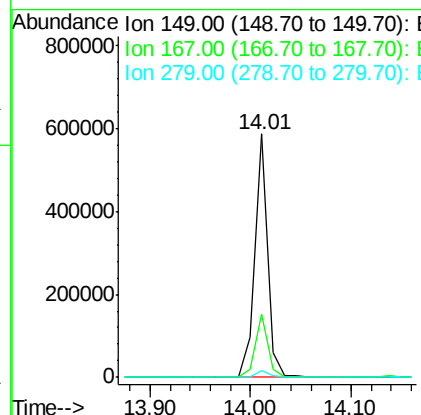
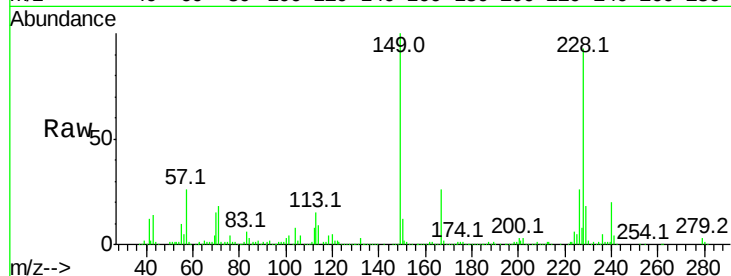
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 46.69 ng
 RT: 14.01 min Scan# 1087
 Delta R.T. -0.00 min
 Lab File: BF087669.D
 Acq: 4 Jun 2016 16:44

Instrument :
 BNA_F
 ClientSampleId :
 PB91039BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	515926		
167	26.2		20.5	30.7
279	2.9		2.0	3.0

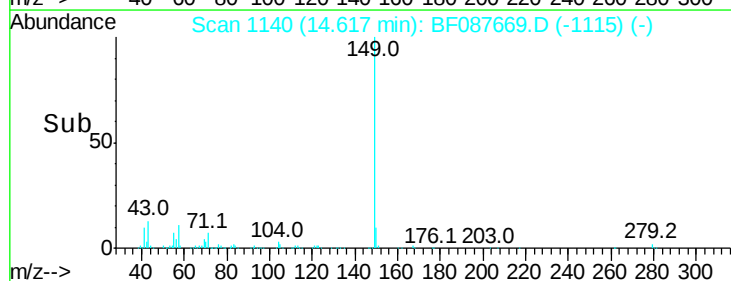
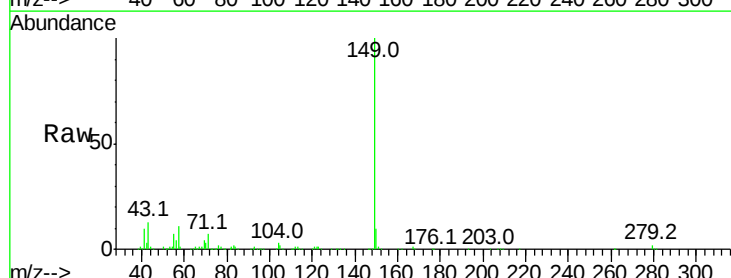
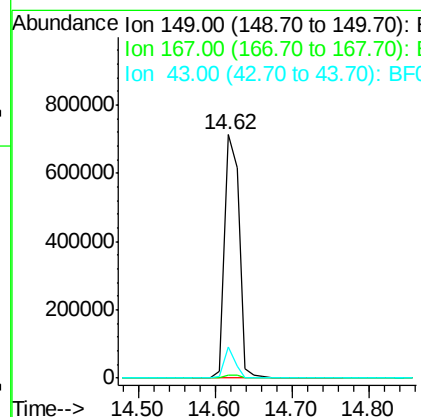
Manual Integrations
 APPROVED

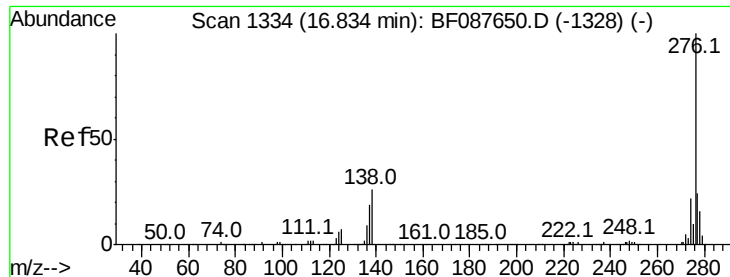
SOHIL
 6/6/2016 7:18:12 PM



#84
 Di-n-octyl phthalate
 Concen: 46.43 ng
 RT: 14.62 min Scan# 1140
 Delta R.T. -0.01 min
 Lab File: BF087669.D
 Acq: 4 Jun 2016 16:44

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	953854		
167	1.5		0.0	0.0#
43	9.7		0.0	0.0#





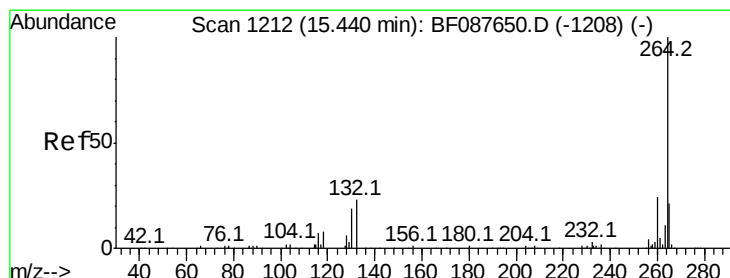
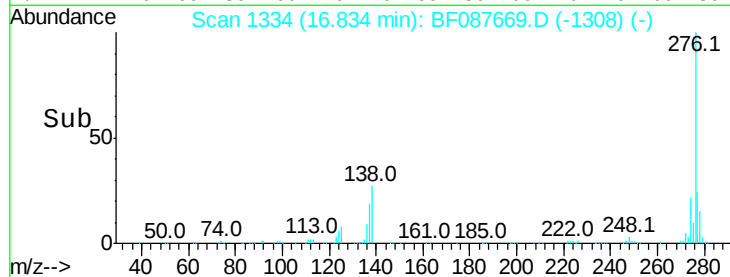
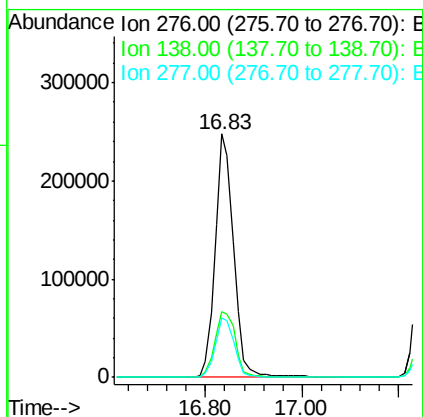
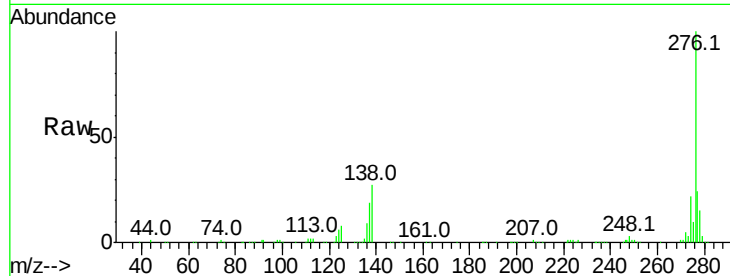
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 45.88 ng
 RT: 16.83 min Scan# 1334
 Delta R.T. -0.00 min
 Lab File: BF087669.D
 Acq: 4 Jun 2016 16:44

Instrument :
 BNA_F
 ClientSampleId :
 PB91039BS

Tot Ion	Ratio	Resp Lower	Upper
276	100		
138	30.0	0.0	0.0#
277	25.1	0.0	0.0#

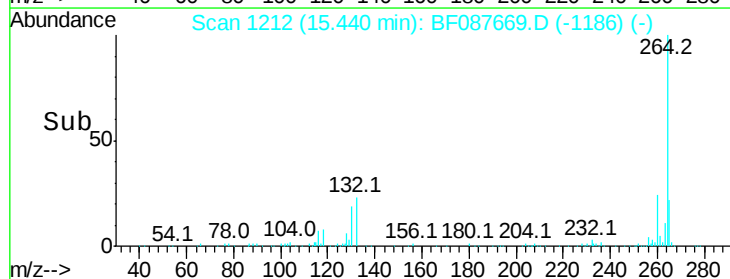
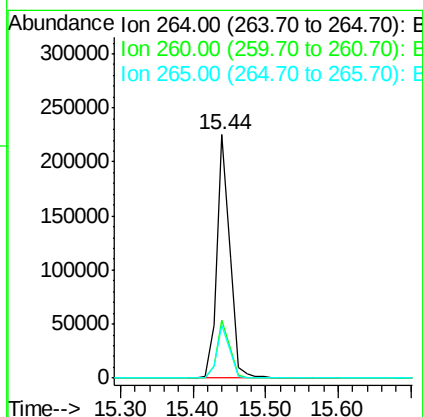
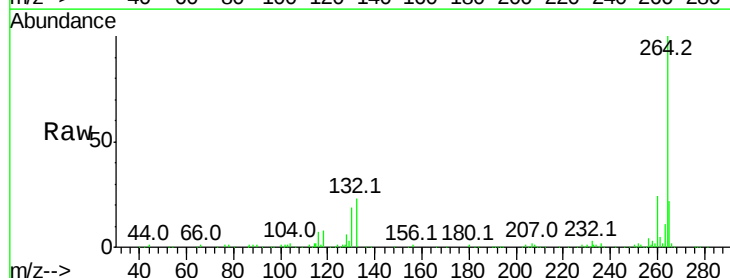
Manual Integrations
 APPROVED

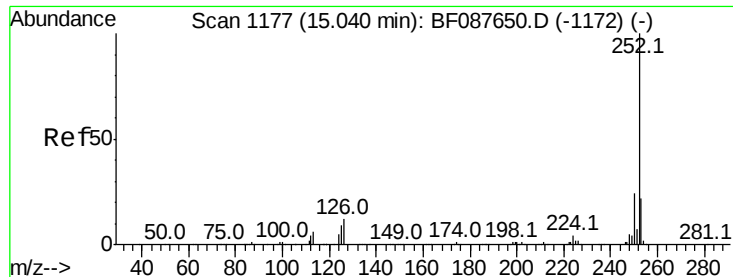
SOHIL
 6/6/2016 7:18:12 PM



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.44 min Scan# 1212
 Delta R.T. -0.00 min
 Lab File: BF087669.D
 Acq: 4 Jun 2016 16:44

Tgt Ion	Ratio	Resp Lower	Upper
264	100		
260	23.7	19.2	28.8
265	21.5	16.9	25.3





#87

Benzo(b)fluoranthene

Concen: 42.45 ng

RT: 15.04 min Scan# 1177

Delta R.T. -0.00 min

Lab File: BF087669.D

Acq: 4 Jun 2016 16:44

Instrument :

BNA_F

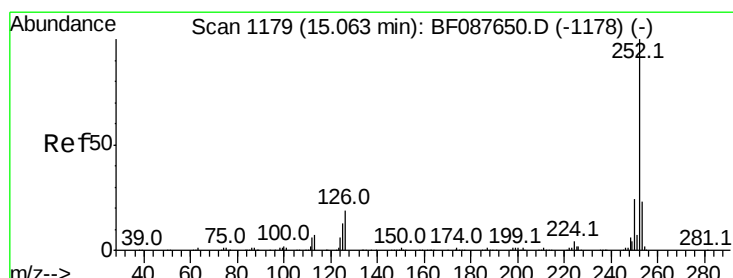
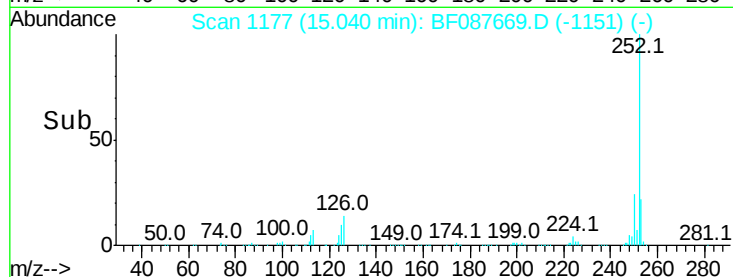
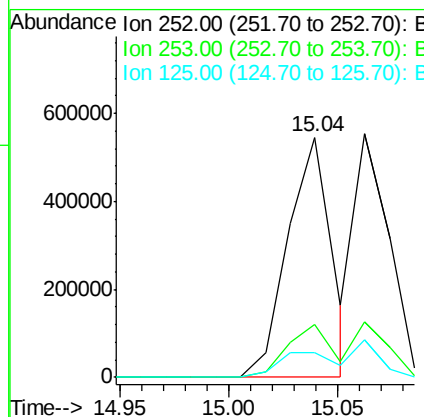
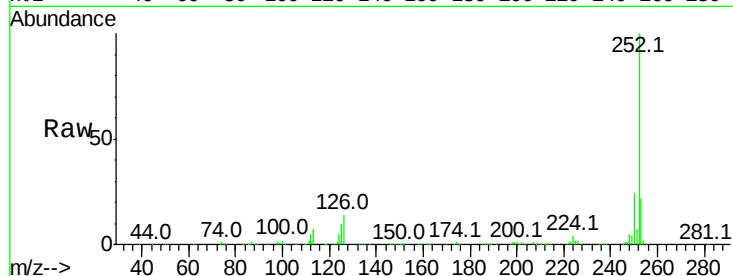
ClientSampleId :

PB91039BS

Tot Ion	Ratio	Resp	Lower	Upper
252	100	766967		
253	22.1	17.4	26.2	
125	10.3	7.1	10.7	

Manual Integrations
APPROVED

SOHIL
6/6/2016 7:18:12 PM



#88

Benzo(k)fluoranthene

Concen: 41.65 ng m

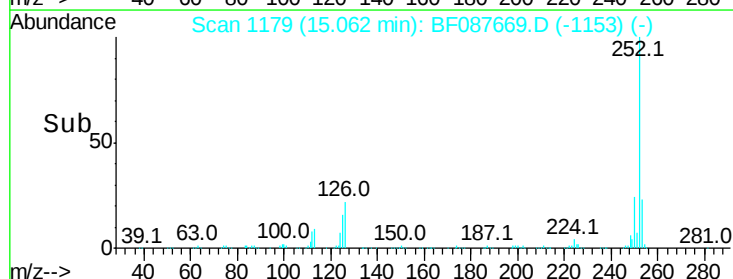
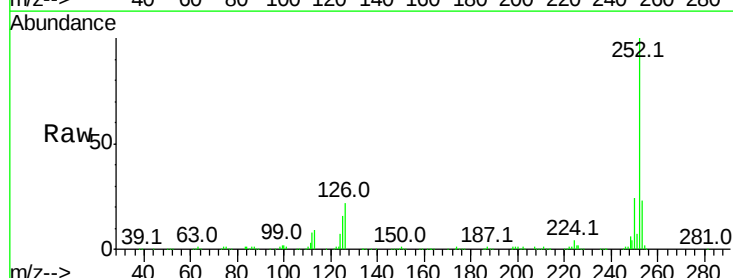
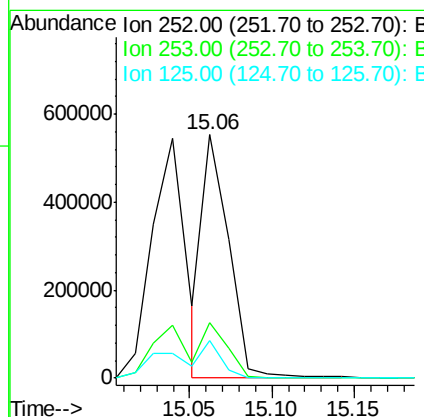
RT: 15.06 min Scan# 1179

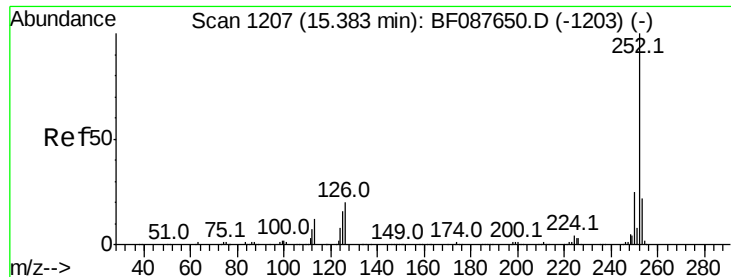
Delta R.T. 0.00 min

Lab File: BF087669.D

Acq: 4 Jun 2016 16:44

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	626144		
253	22.5	18.0	27.0	
125	15.5	11.2	16.8	





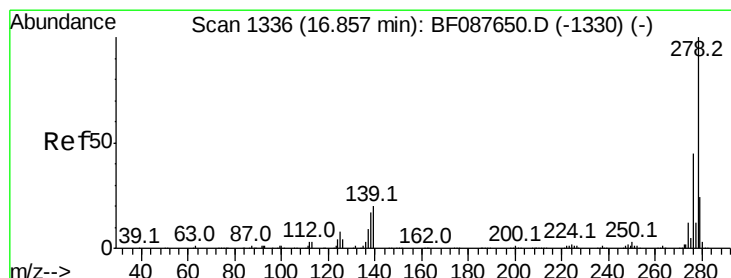
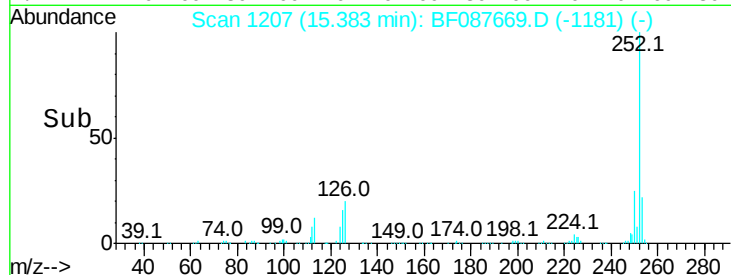
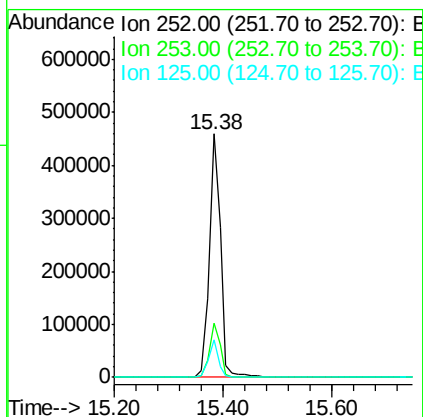
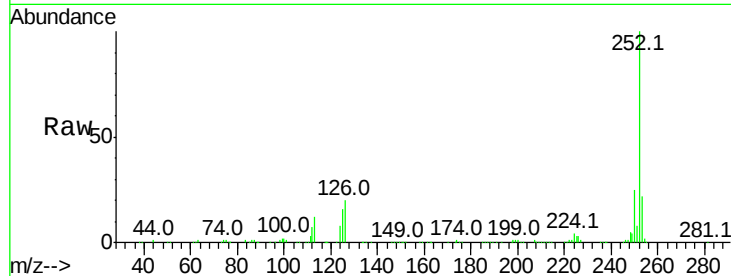
#89
Benzo(a)pyrene
Concen: 43.04 ng
RT: 15.38 min Scan# 1207
Delta R.T. -0.00 min
Lab File: BF087669.D
Acq: 4 Jun 2016 16:44

Instrument :
BNA_F
ClientSampleId :
PB91039BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.9	26.9
125	15.6	12.5	18.7

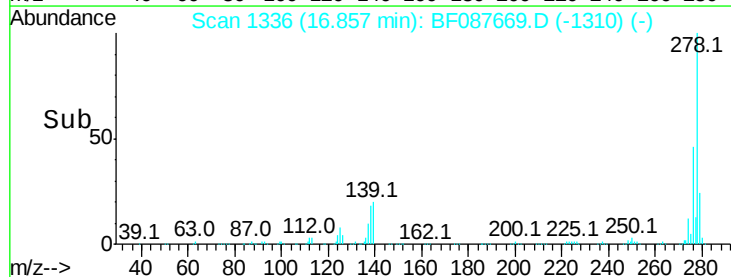
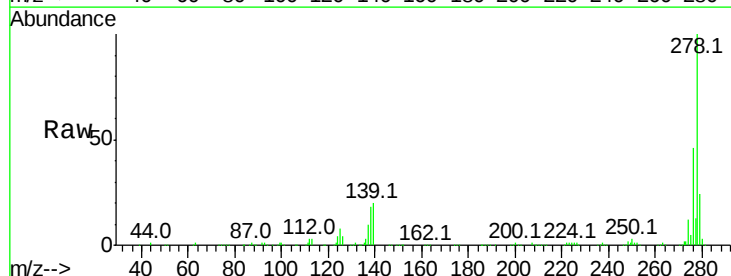
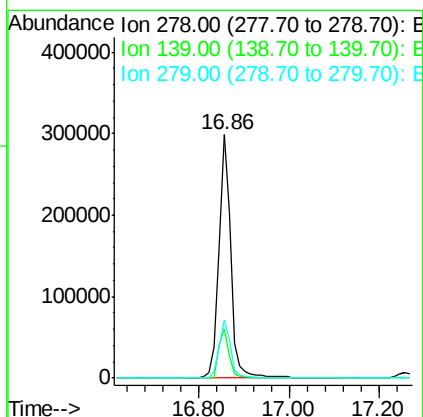
Manual Integrations
APPROVED

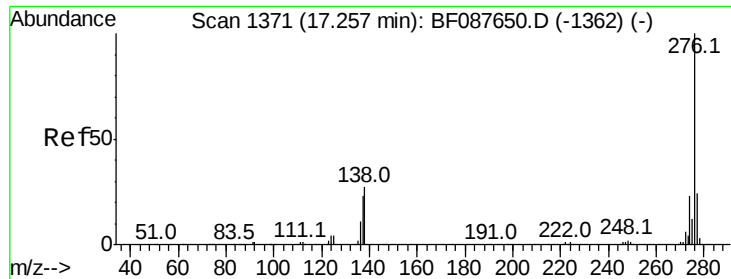
SOHIL
6/6/2016 7:18:12 PM



#90
Dibenzo(a,h)anthracene
Concen: 42.87 ng
RT: 16.86 min Scan# 1336
Delta R.T. -0.00 min
Lab File: BF087669.D
Acq: 4 Jun 2016 16:44

Tgt Ion	Ratio	Lower	Upper
278	100		
139	20.1	15.7	23.5
279	24.1	19.4	29.2





#91
 Benzo(a,h,i)perylene
 Concen: 43.47 ng
 RT: 17.26 min Scan# 1371
 Delta R.T. -0.00 min
 Lab File: BF087669.D
 Acq: 4 Jun 2016 16:44

Instrument :
 BNA_F
 ClientSampleId :
 PB91039BS

Tot Ion:	276	Resp:	566825
Ion Ratio	Lower	Upper	
276	100		
277	23.5	18.9	28.3
138	26.4	21.4	32.2

Manual Integrations
 APPROVED

SOHIL
 6/6/2016 7:18:12 PM

