

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041516\
 Data File : BF086247.D
 Acq On : 16 Apr 2016 6:32
 Operator : UM/SJ
 Sample : PB89866BS
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB89866BS

Manual Integrations
 APPROVED

Sohil
 4/18/2016 7:31:03 PM

Quant Time: Apr 18 04:38:25 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF041516.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 15 15:56:31 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	281997	20.00	ng	0.00
21) Naphthalene-d8	8.18	136	1139308	20.00	ng	0.00
38) Acenaphthene-d10	9.94	164	536459	20.00	ng	0.00
63) Phenanthrene-d10	11.41	188	915084	20.00	ng	0.00
75) Chrysene-d12	14.05	240	542625	20.00	ng	0.00
86) Perylene-d12	15.48	264	467546	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.50	112	1894569	110.08	ng	0.02
7) Phenol-d6	6.52	99	2275853	105.72	ng	0.00
23) Nitrobenzene-d5	7.46	82	1509727	76.43	ng	0.00
41) 2,4,6-Tribromophenol	10.73	330	454569	105.52	ng	0.00
44) 2-Fluorobiphenyl	9.26	172	2344832	80.66	ng	0.00
78) Terphenyl-d14	13.00	244	1693526	78.48	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.58	88	290680	30.63	ng	97
3) Pyridine	3.32	79	840912	33.97	ng	95
4) n-Nitrosodimethylamine	3.26	42	349882	39.13	ng	# 66
6) Aniline	6.56	93	693917	22.36	ng	97
8) 2-Chlorophenol	6.68	128	723226	37.15	ng	83
9) Benzaldehyde	6.44	77	205799	13.47	ng	95
10) Phenol	6.53	94	753163	29.38	ng	87
11) bis(2-Chloroethyl)ether	6.64	93	772429	40.05	ng	97
12) 1,3-Dichlorobenzene	6.83	146	735728	35.61	ng	99
13) 1,4-Dichlorobenzene	6.91	146	728448	37.01	ng	99
14) 1,2-Dichlorobenzene	7.07	146	681015	38.99	ng	99
15) Benzyl Alcohol	7.04	79	612929	40.13	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.17	45	1100419	36.62	ng	100
17) 2-Methylphenol	7.15	107	676110	41.68	ng	95
18) Hexachloroethane	7.41	117	290973	39.19	ng	98
19) n-Nitroso-di-n-propylamine	7.31	70	462785	33.59	ng	# 85
20) 3+4-Methylphenols	7.30	107	653016	35.94	ng	92
22) Acetophenone	7.31	105	912591	42.37	ng	# 99
24) Nitrobenzene	7.48	77	886148	41.03	ng	94
25) Isophorone	7.72	82	1524387	38.89	ng	98
26) 2-Nitrophenol	7.79	139	376712	40.01	ng	93
27) 2,4-Dimethylphenol	7.84	122	774264	40.72	ng	98
28) bis(2-Chloroethoxy)methane	7.93	93	885661	38.43	ng	100
29) 2,4-Dichlorophenol	8.03	162	590831	40.87	ng	98
30) 1,2,4-Trichlorobenzene	8.12	180	588258	38.88	ng	99
31) Naphthalene	8.20	128	1980389	38.93	ng	100
32) Benzoic acid	7.95	122	510336	41.98	ng	97
33) 4-Chloroaniline	8.25	127	299890	13.19	ng	95
34) Hexachlorobutadiene	8.33	225	305147	40.25	ng	100
35) Caprolactam	8.62	113	234518m	44.80	ng	
36) 4-Chloro-3-methylphenol	8.73	107	676095	40.35	ng	93
37) 2-Methylnaphthalene	8.90	142	1396448	42.45	ng	98
39) 1,2,4,5-Tetrachlorobenzene	9.06	216	421631	35.49	ng	97
40) Hexachlorocyclopentadiene	9.05	237	492963	77.95	ng	99

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041516\
 Data File : BF086247.D
 Acq On : 16 Apr 2016 6:32
 Operator : UM/SJ
 Sample : PB89866BS
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB89866BS

Manual Integrations
 APPROVED

Sohil
 4/18/2016 7:31:03 PM

Quant Time: Apr 18 04:38:25 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF041516.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 15 15:56:31 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.17	196	406585	38.47	nq	100
43) 2,4,5-Trichlorophenol	9.21	196	402607	39.44	nq #	88
45) 1,1'-Biphenyl	9.36	154	1456151	37.71	nq	100
46) 2-Chloronaphthalene	9.38	162	1183676	37.54	nq	99
47) 2-Nitroaniline	9.47	65	401330	39.29	nq	97
48) Acenaphthylene	9.80	152	2027770	40.42	nq	100
49) Dimethylphthalate	9.66	163	1548589	39.70	nq	99
50) 2,6-Dinitrotoluene	9.72	165	374041	43.34	nq	98
51) Acenaphthene	9.97	154	1307585	43.63	nq	99
52) 3-Nitroaniline	9.88	138	217250	20.71	nq	98
53) 2,4-Dinitrophenol	9.98	184	242900	76.24	nq	92
54) Dibenzofuran	10.14	168	1752164	44.27	nq	96
55) 4-Nitrophenol	10.04	139	535405	65.26	nq	93
56) 2,4-Dinitrotoluene	10.12	165	488275	44.19	nq #	87
57) Fluorene	10.49	166	1184427	43.69	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.26	232	320994	43.29	nq	99
59) Diethylphthalate	10.36	149	1455672	36.15	nq	99
60) 4-Chlorophenyl-phenylether	10.48	204	487660	42.77	nq	99
61) 4-Nitroaniline	10.50	138	348086	38.40	nq	92
62) Azobenzene	10.64	77	1639664	41.62	nq	96
64) 4,6-Dinitro-2-methylphenol	10.52	198	181116	41.59	nq	96
65) n-Nitrosodiphenylamine	10.59	169	1138100	40.61	nq	100
66) 4-Bromophenyl-phenylether	10.97	248	336375	39.44	nq	94
67) Hexachlorobenzene	11.02	284	364006	40.73	nq	97
68) Atrazine	11.13	200	382781	44.57	nq	95
69) Pentachlorophenol	11.22	266	367382	67.79	nq	97
70) Phenanthrene	11.45	178	1866226	42.70	nq	99
71) Anthracene	11.49	178	1702923	39.37	nq	100
72) Carbazole	11.64	167	1722331	41.44	nq	100
73) Di-n-butylphthalate	11.98	149	2112666	37.59	nq	100
74) Fluoranthene	12.62	202	1619940	42.78	nq	98
76) Benzidine	12.75	184	524838	24.93	nq	96
77) Pyrene	12.85	202	1629690	39.15	nq	98
79) Butylbenzylphthalate	13.48	149	932809	48.51	nq	95
80) Benzo(a)anthracene	14.04	228	1090138	36.60	nq	100
81) 3,3'-Dichlorobenzidine	14.01	252	237373	13.75	nq #	96
82) Chrysene	14.08	228	1197294	37.70	nq	99
83) Bis(2-ethylhexyl)phthalate	14.04	149	879384	42.35	nq	99
84) Di-n-octyl phthalate	14.65	149	1617881	40.42	nq	97
85) Indeno(1,2,3-cd)pyrene	16.90	276	1266472	48.51	nq	97
87) Benzo(b)fluoranthene	15.07	252	1052263	36.48	nq	99
88) Benzo(k)fluoranthene	15.11	252	1067853m	40.60	nq	
89) Benzo(a)pyrene	15.43	252	1030044	41.22	nq	99
90) Dibenzo(a,h)anthracene	16.92	278	1047223	47.43	nq	99
91) Benzo(g,h,i)perylene	17.32	276	1125090	47.92	nq	95

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

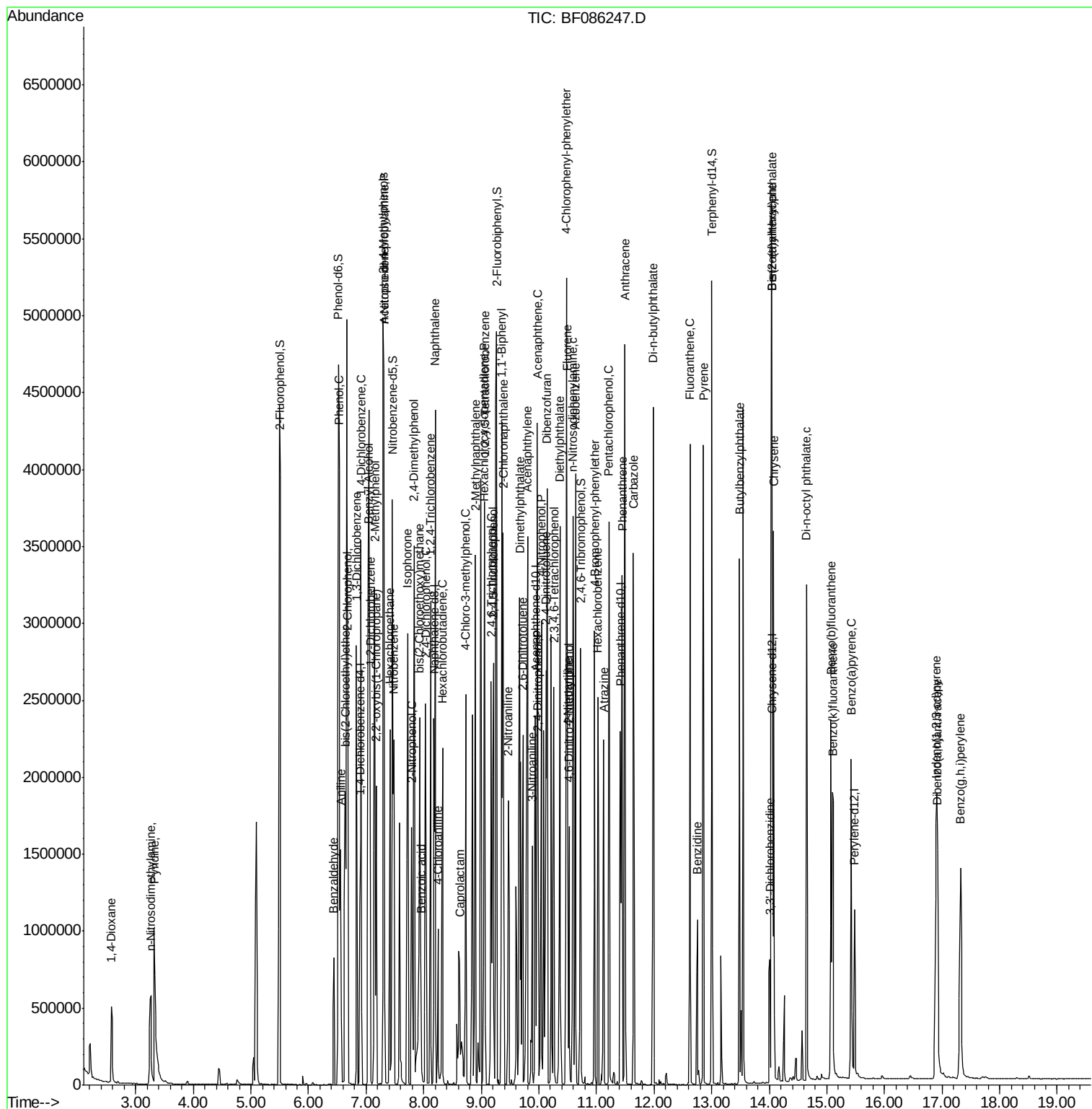
```
Data Path : Z:\HPCHEM1\BNA F\DATA\BF041516\  
Data File : BF086247.D  
Acq On    : 16 Apr 2016    6:32  
Operator  : UM/SJ  
Sample    : PB89866BS  
Misc      :  
ALS Vial  : 28    Sample Multiplier: 1
```

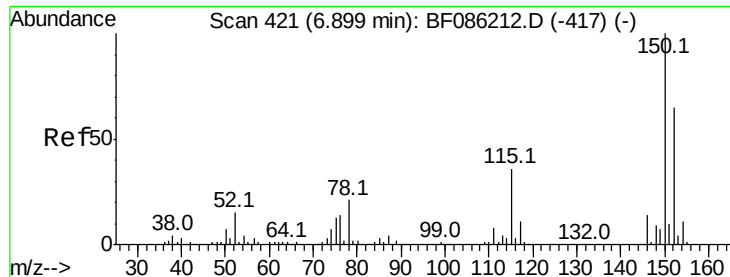
Instrument :
BNA_F
ClientSampleId :
PB89866BS

Manual Integrations APPROVED

Sohil
4/18/2016 7:31:03 PM

Quant Time: Apr 18 04:38:25 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF041516.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 15 15:56:31 2016
Response via : Initial Calibration





#1

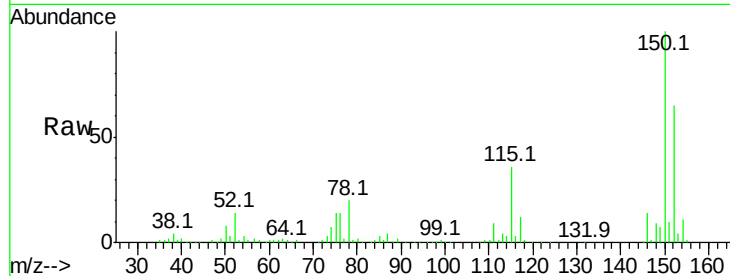
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.90 min Scan# 421
Delta R.T. -0.00 min
Lab File: BF086247.D
Acq: 16 Apr 2016 6:32

Instrument :
BNA_F
ClientSampled :
PB89866BS

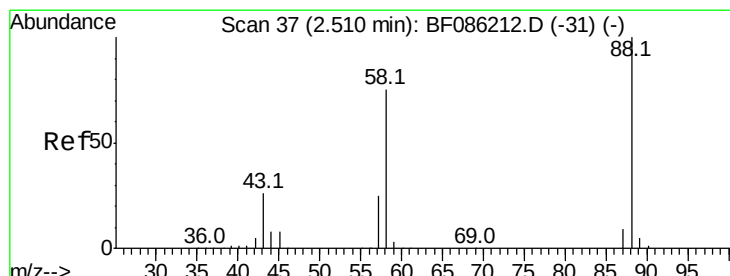
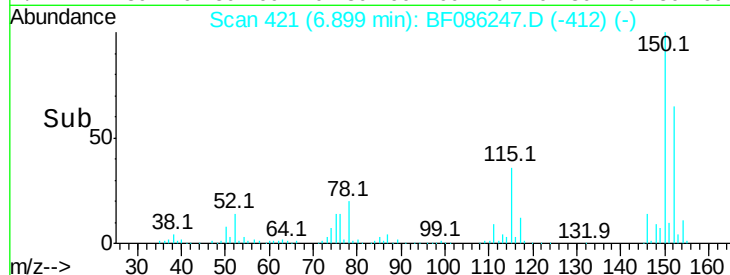
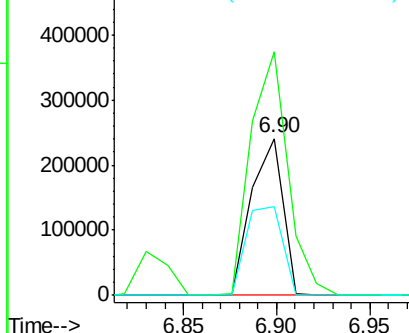
Tot Ion	Ratio	Lower	Upper
152	100		
150	154.9	124.1	186.1
115	56.3	43.9	65.9

Manual Integrations
APPROVED

Sohil
4/18/2016 7:31:03 PM



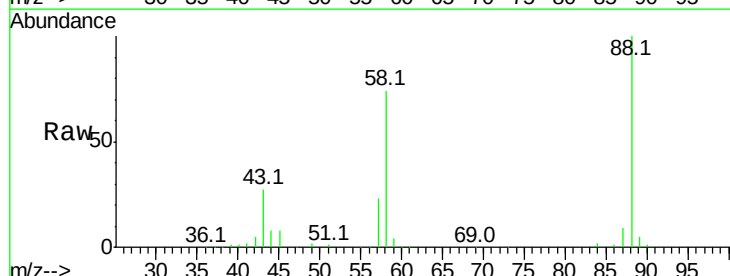
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



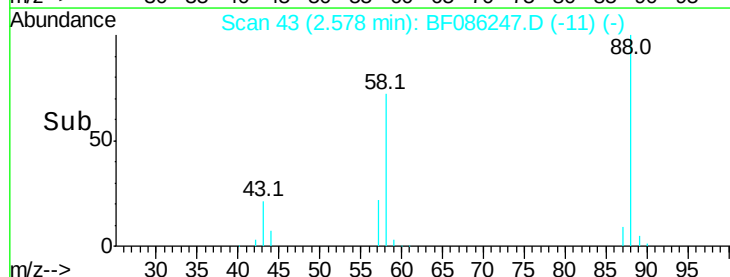
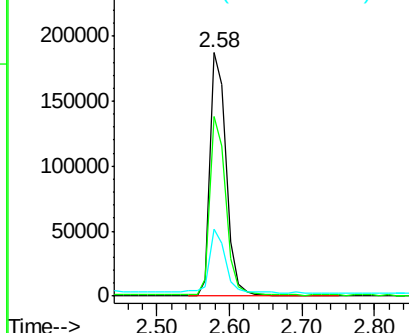
#2

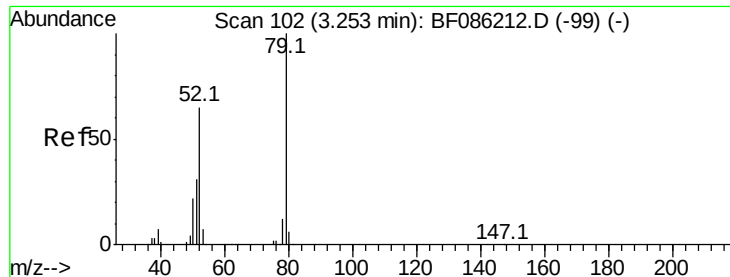
1,4-Dioxane
Concen: 30.63 ng
RT: 2.58 min Scan# 43
Delta R.T. 0.07 min
Lab File: BF086247.D
Acq: 16 Apr 2016 6:32

Tgt Ion	Ratio	Lower	Upper
88	100		
58	71.9	58.4	87.6
43	25.3	23.3	34.9



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





#3

Pvridine

Concen: 33.97 ng

RT: 3.32 min Scan# 108

Delta R.T. 0.07 min

Lab File: BF086247.D

Acq: 16 Apr 2016 6:32

Instrument :

BNA_F

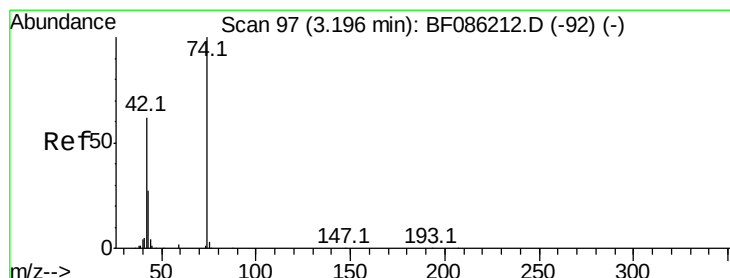
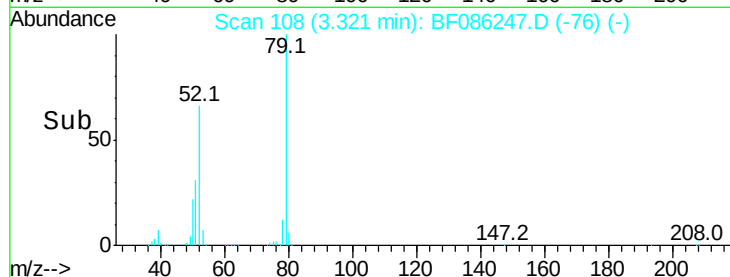
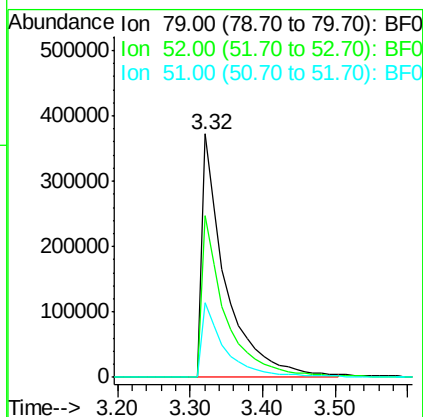
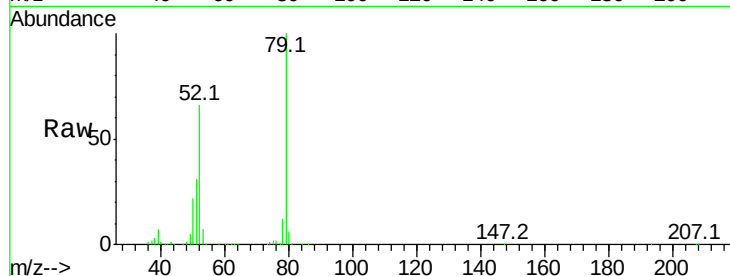
ClientSampleId :

PB89866BS

Tot Ion:	79	Resp:	840912
Ion Ratio	Lower	Upper	
79	100		
52	66.2	55.4	83.2
51	30.8	28.1	42.1

Manual Integrations
APPROVED

Sohil
4/18/2016 7:31:03 PM



#4

n-Nitrosodimethylamine

Concen: 39.13 ng

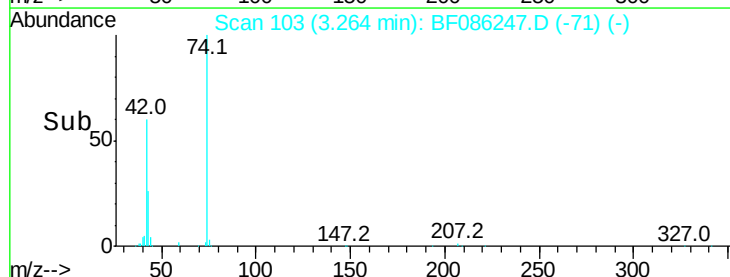
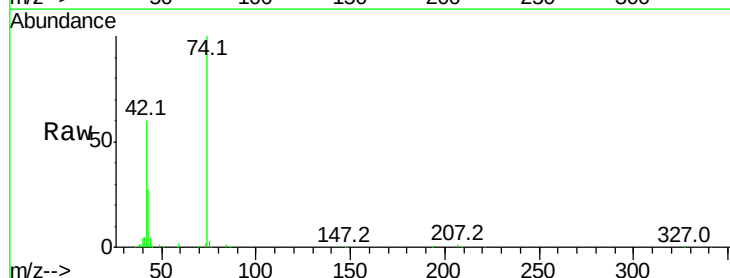
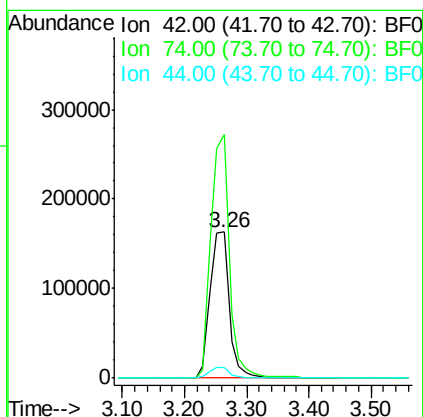
RT: 3.26 min Scan# 103

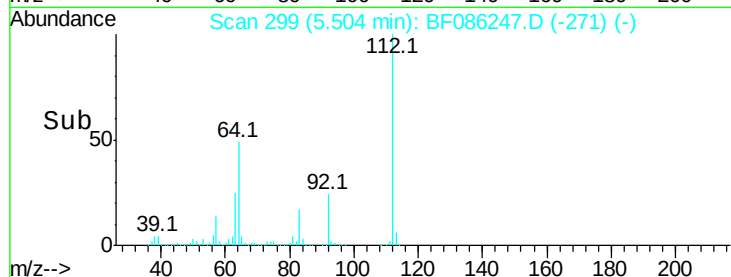
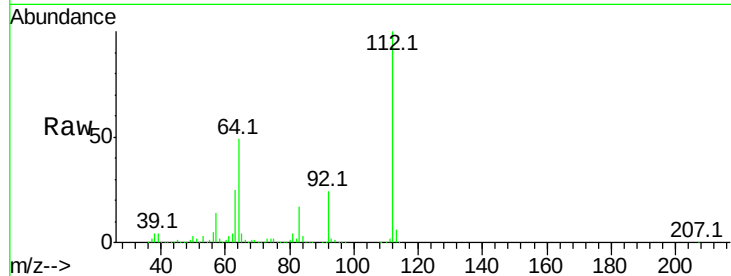
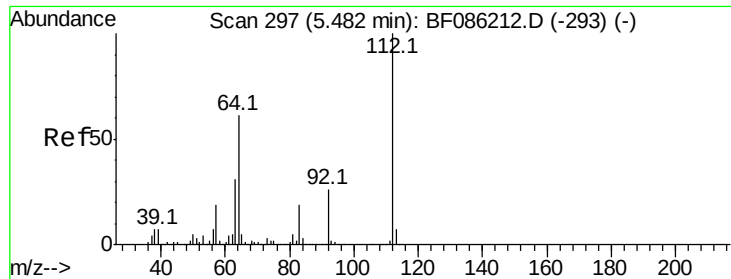
Delta R.T. 0.07 min

Lab File: BF086247.D

Acq: 16 Apr 2016 6:32

Tgt Ion:	42	Resp:	349882
Ion Ratio	Lower	Upper	
42	100		
74	166.8	100.5	150.7#
44	7.3	5.4	8.0





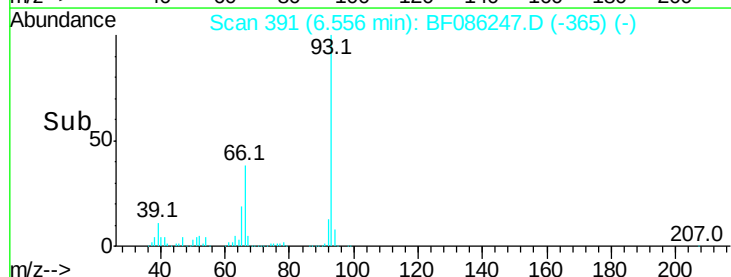
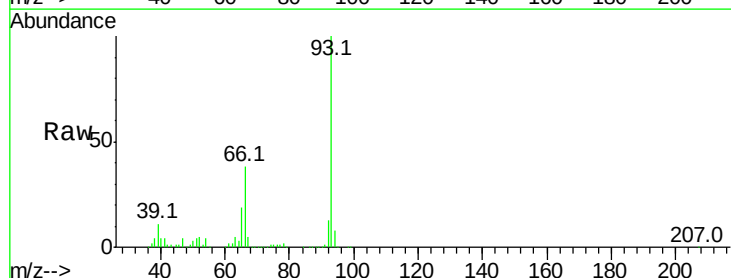
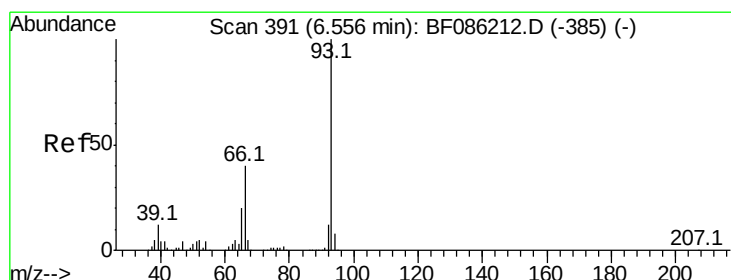
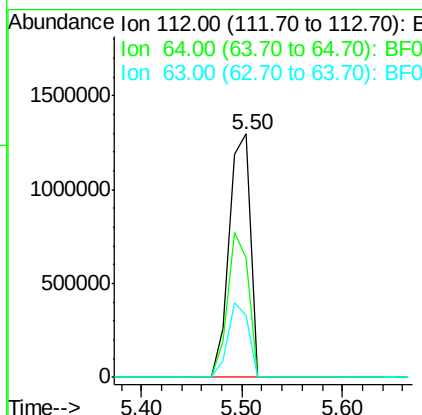
#5
2-Fluorophenol
Concen: 110.08 ng
RT: 5.50 min Scan# 299
Delta R.T. 0.02 min
Lab File: BF086247.D
Acq: 16 Apr 2016 6:32

Tot Ion	Ratio	Lower	Upper
112	100		
64	49.2	48.1	72.1
63	25.2	25.5	38.3

Instrument :
BNA_F
ClientSampleId :
PB89866BS

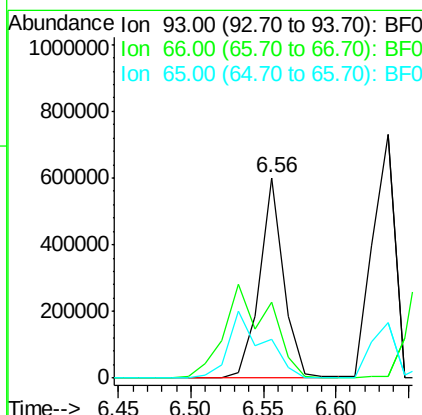
Manual Integrations
APPROVED

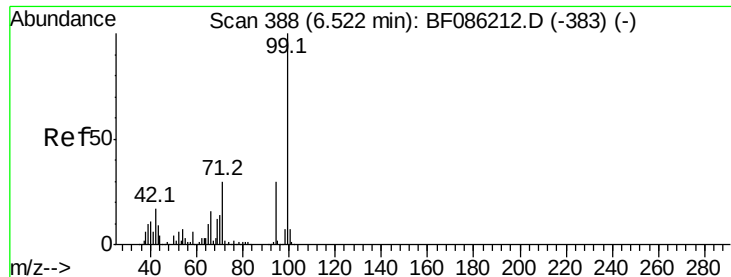
Sohil
4/18/2016 7:31:03 PM



#6
Aniline
Concen: 22.36 ng
RT: 6.56 min Scan# 391
Delta R.T. -0.00 min
Lab File: BF086247.D
Acq: 16 Apr 2016 6:32

Tgt Ion	Ratio	Lower	Upper
93	100		
66	38.2	32.2	48.2
65	19.2	16.4	24.6





#7

Phenol-d6

Concen: 105.72 ng

RT: 6.52 min Scan# 388

Delta R.T. -0.00 min

Lab File: BF086247.D

Acq: 16 Apr 2016 6:32

Instrument :

BNA_F

ClientSampleId :

PB89866BS

Tot Ion: 99 Resp: 2275853

Ion Ratio Lower Upper

99 100

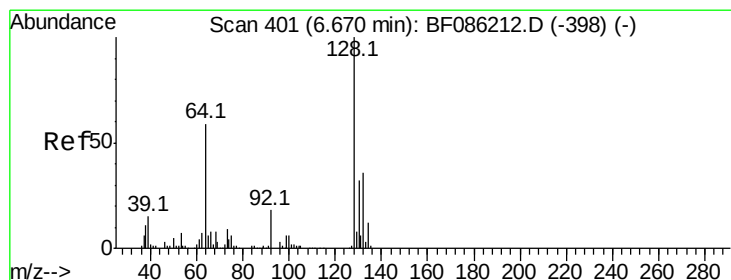
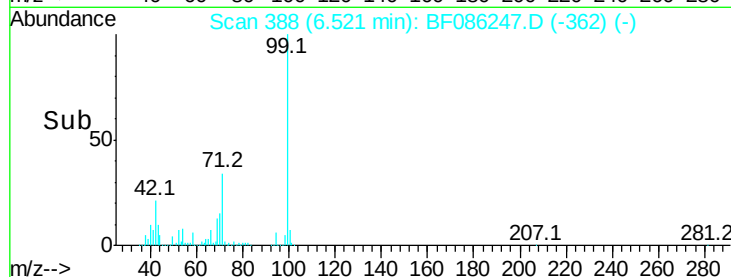
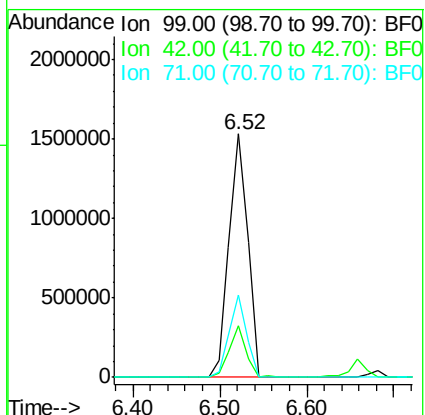
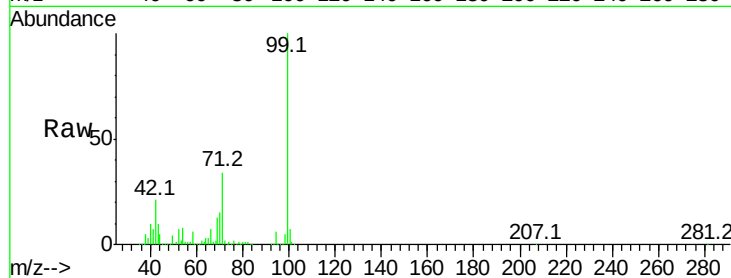
42 21.4 15.4 23.2

71 34.0 25.6 38.4

Manual Integrations
APPROVED

Sohil

4/18/2016 7:31:03 PM



#8

2-Chlorophenol

Concen: 37.15 ng

RT: 6.68 min Scan# 402

Delta R.T. 0.01 min

Lab File: BF086247.D

Acq: 16 Apr 2016 6:32

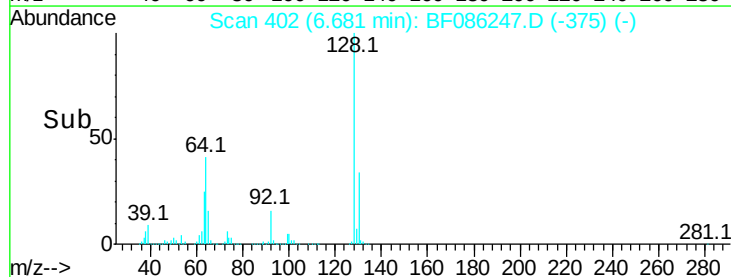
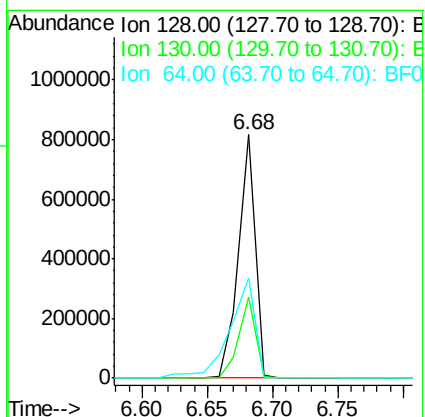
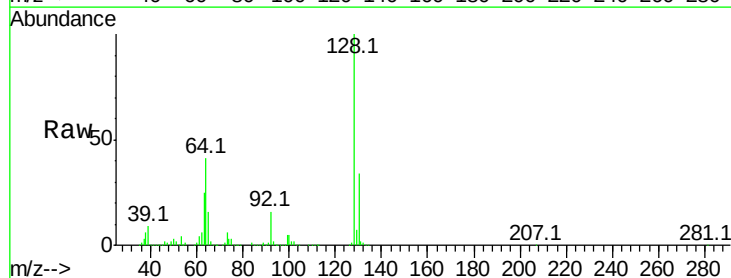
Tgt Ion: 128 Resp: 723226

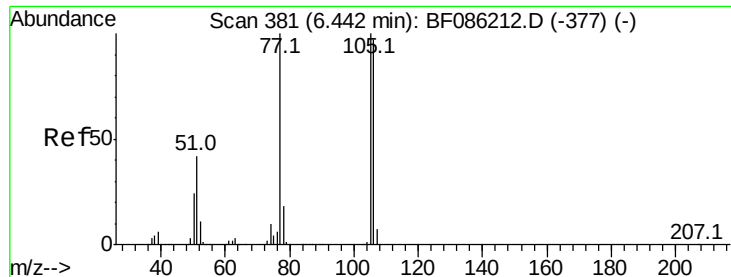
Ion Ratio Lower Upper

128 100

130 33.5 11.8 51.8

64 41.3 39.5 79.5





#9

Benzaldehyde

Concen: 13.47 ng

RT: 6.44 min Scan# 381

Delta R.T. -0.00 min

Lab File: BF086247.D

Acq: 16 Apr 2016 6:32

Instrument :

BNA_F

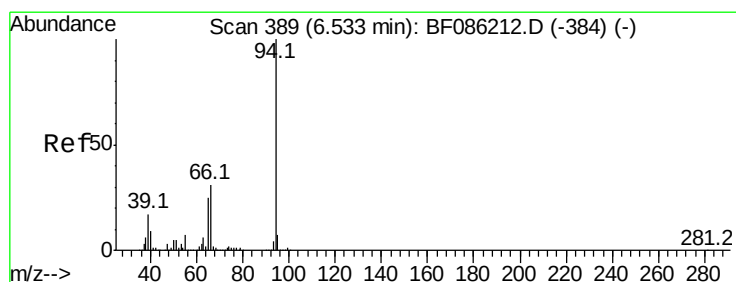
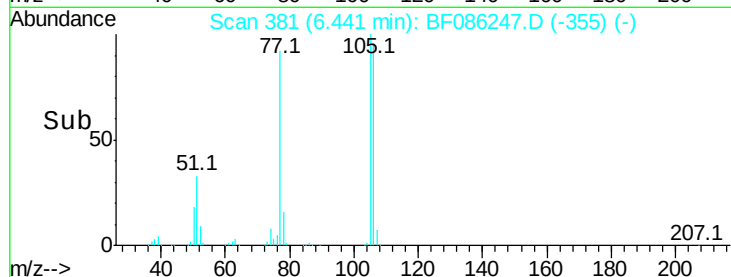
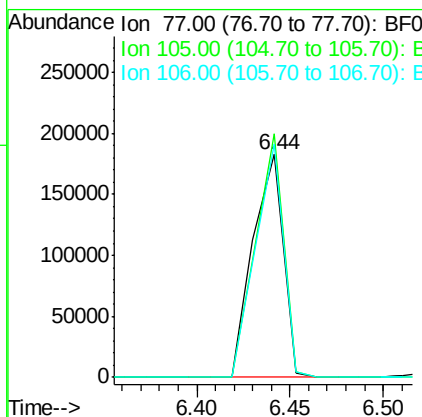
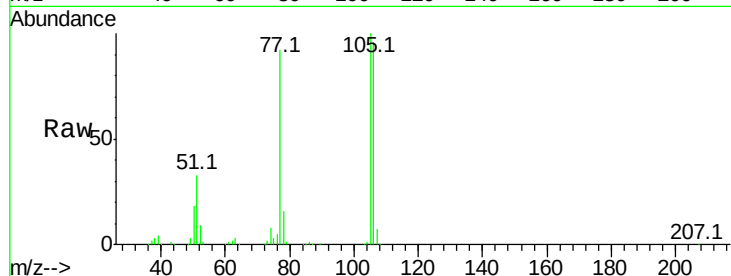
ClientSampled :

PB89866BS

Tot Ion	Ratio	Lower	Upper
77	100		
105	109.2	84.6	124.6
106	104.8	78.6	118.6

Manual Integrations
APPROVED

Sohil
4/18/2016 7:31:03 PM



#10

Phenol

Concen: 29.38 ng

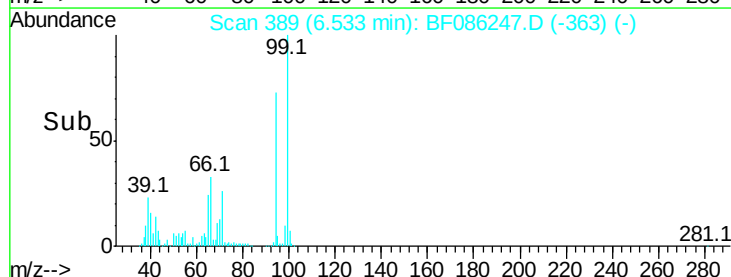
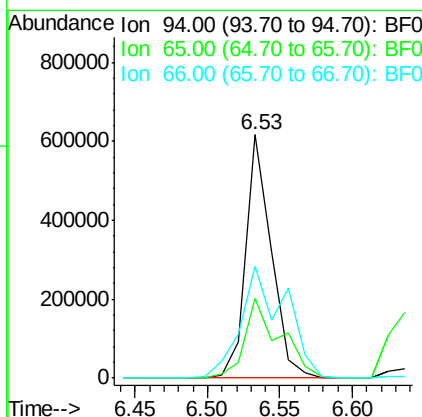
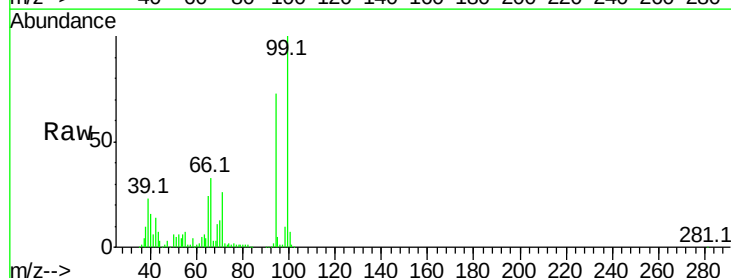
RT: 6.53 min Scan# 389

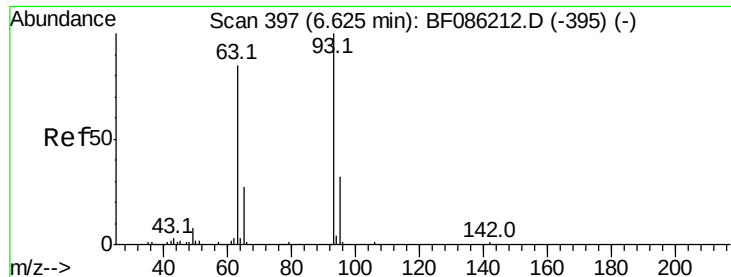
Delta R.T. -0.00 min

Lab File: BF086247.D

Acq: 16 Apr 2016 6:32

Tgt Ion	Ratio	Lower	Upper
94	100		
65	32.7	7.9	47.9
66	45.7	16.5	56.5





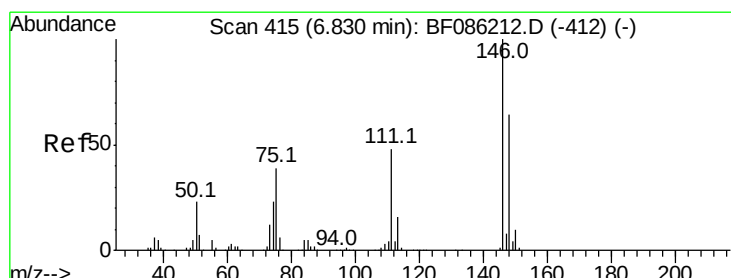
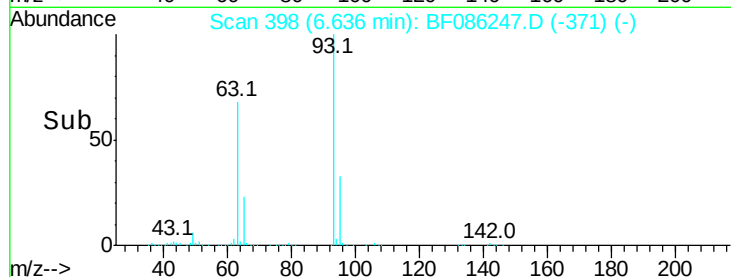
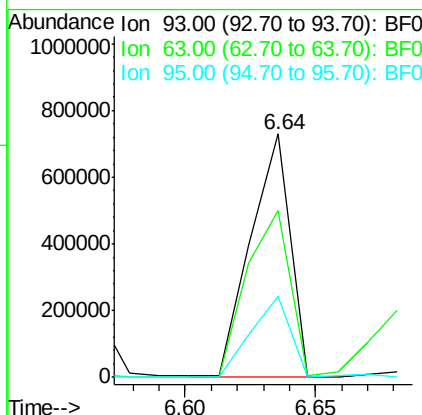
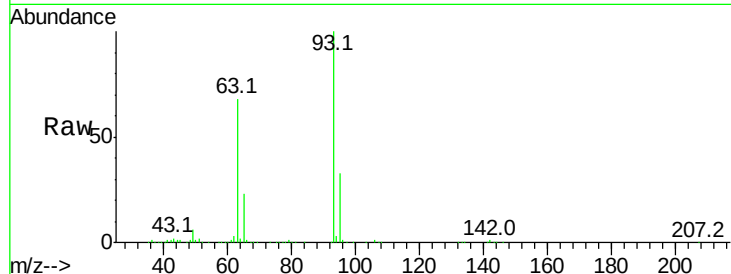
#11
bis(2-Chloroethyl)ether
Concen: 40.05 ng
RT: 6.64 min Scan# 398
Delta R.T. 0.01 min
Lab File: BF086247.D
Acq: 16 Apr 2016 6:32

Instrument :
BNA_F
ClientSampleID :
PB89866BS

Tot Ion	Ratio	Resp	Lower	Upper
93	100	772429		
63	68.4		44.4	84.4
95	33.1		13.1	53.1

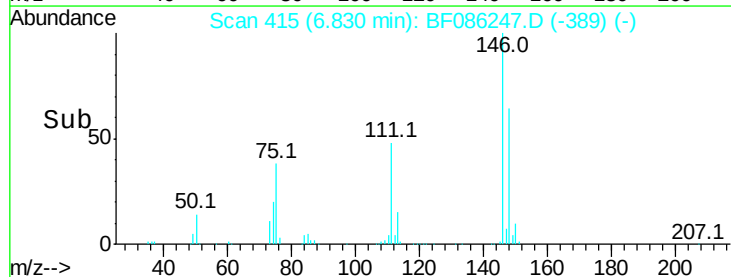
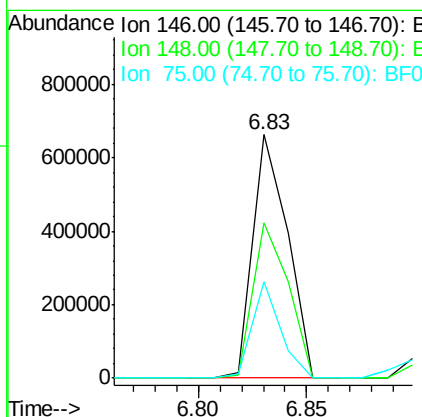
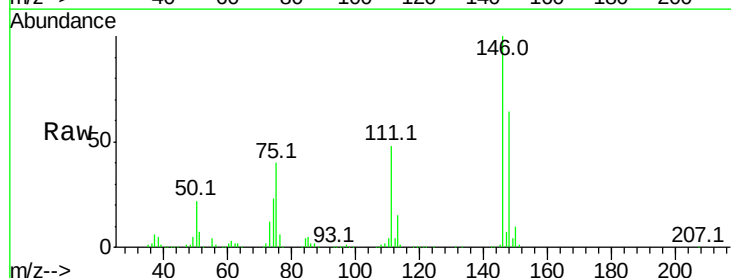
Manual Integrations
APPROVED

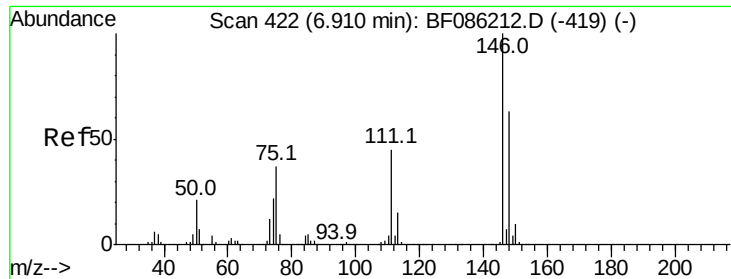
Sohil
4/18/2016 7:31:03 PM



#12
1,3-Dichlorobenzene
Concen: 35.61 ng
RT: 6.83 min Scan# 415
Delta R.T. -0.00 min
Lab File: BF086247.D
Acq: 16 Apr 2016 6:32

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	735728		
148	63.8		51.0	76.4
75	39.5		29.9	44.9





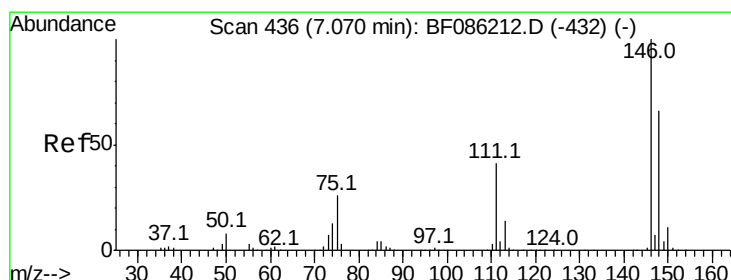
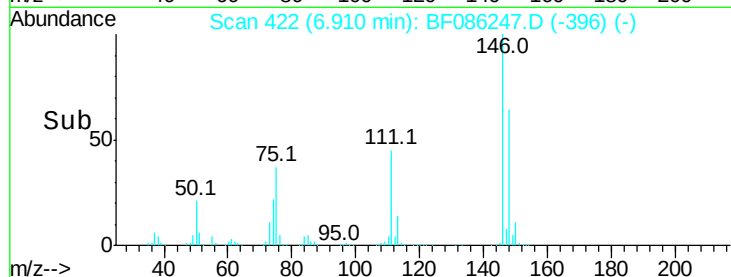
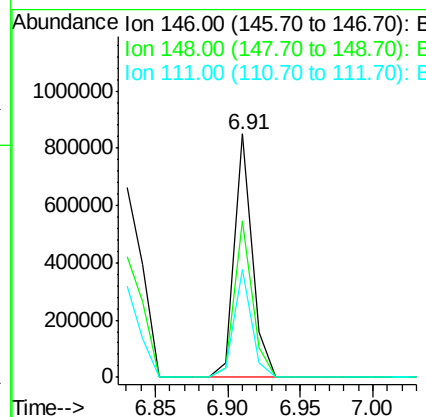
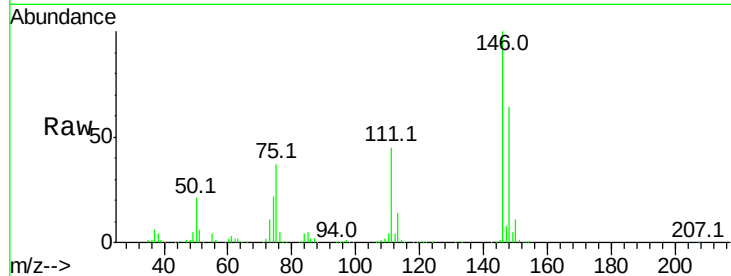
#13
 1,4-Dichlorobenzene
 Concen: 37.01 ng
 RT: 6.91 min Scan# 422
 Delta R.T. 0.00 min
 Lab File: BF086247.D
 Acq: 16 Apr 2016 6:32

Instrument :
 BNA_F
 ClientSampled :
 PB89866BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.3	51.8	77.6
111	44.6	34.9	52.3

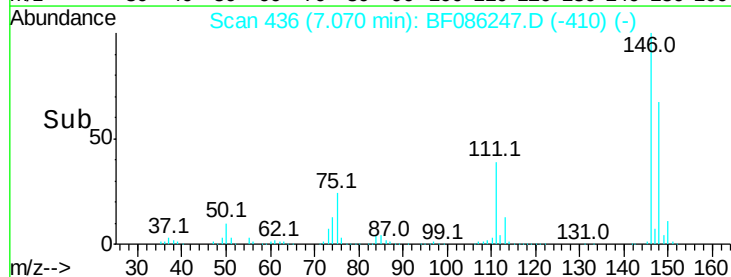
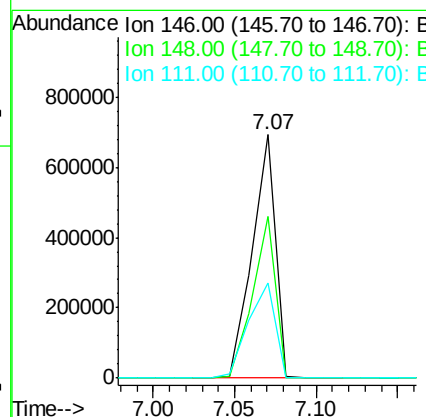
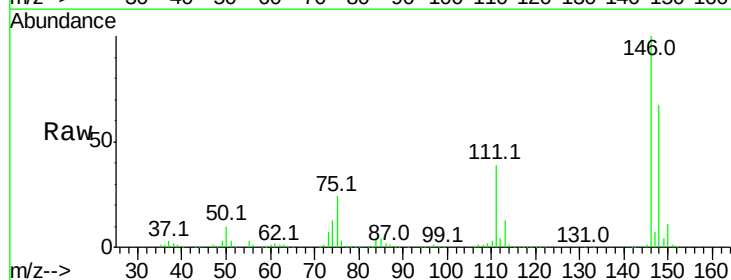
Manual Integrations
 APPROVED

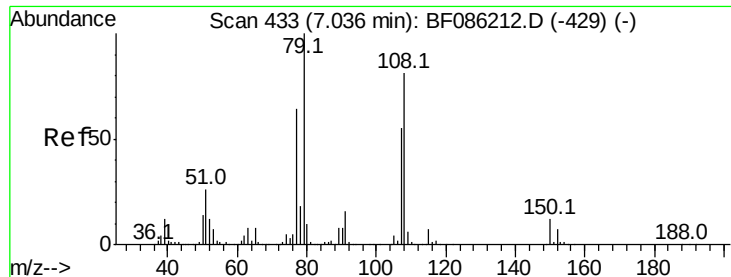
Sohil
 4/18/2016 7:31:03 PM



#14
 1,2-Dichlorobenzene
 Concen: 38.99 ng
 RT: 7.07 min Scan# 436
 Delta R.T. 0.00 min
 Lab File: BF086247.D
 Acq: 16 Apr 2016 6:32

Tgt Ion	Ratio	Lower	Upper
146	100		
148	66.5	52.2	78.2
111	39.3	31.0	46.4





#15

Benzyl Alcohol

Concen: 40.13 ng

RT: 7.04 min Scan# 433

Delta R.T. -0.00 min

Lab File: BF086247.D

Acq: 16 Apr 2016 6:32

Instrument :

BNA_F

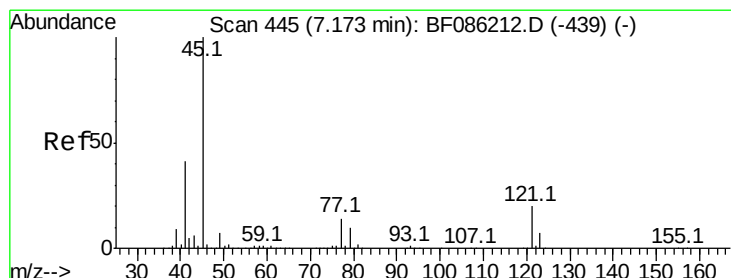
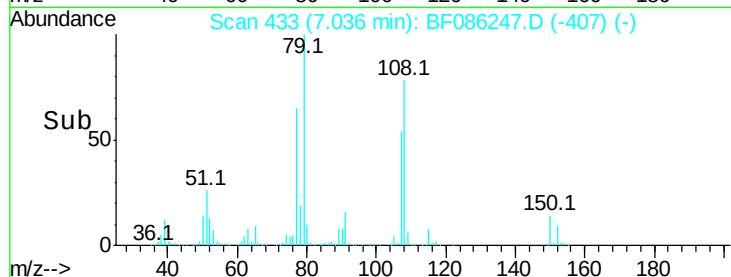
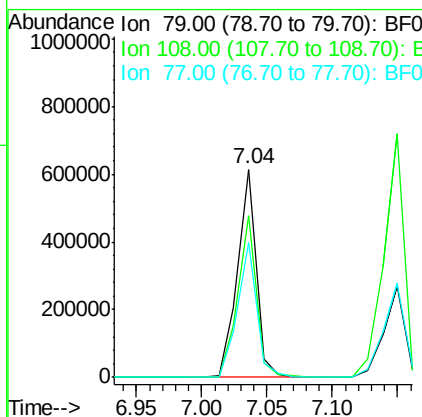
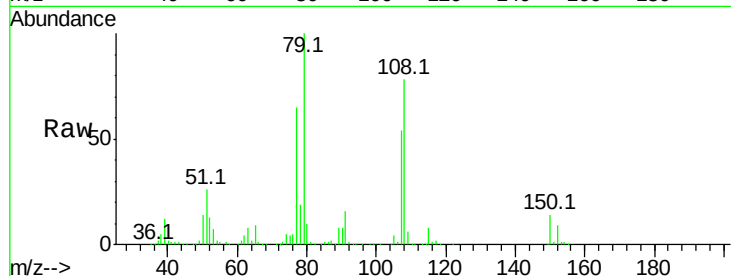
ClientSampleId :

PB89866BS

Tot Ion:	79	Resp:	612929
Ion Ratio	Lower	Upper	
79	100		
108	77.9	64.8	97.2
77	64.9	51.9	77.9

Manual Integrations
APPROVED

Sohil
4/18/2016 7:31:03 PM



#16

2,2'-oxybis(1-chloropropane)

Concen: 36.62 ng

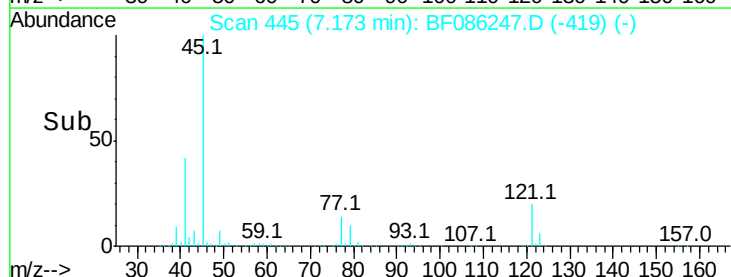
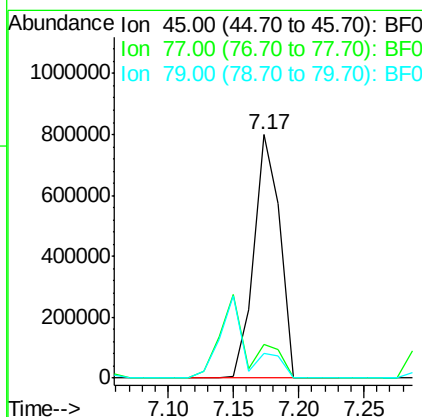
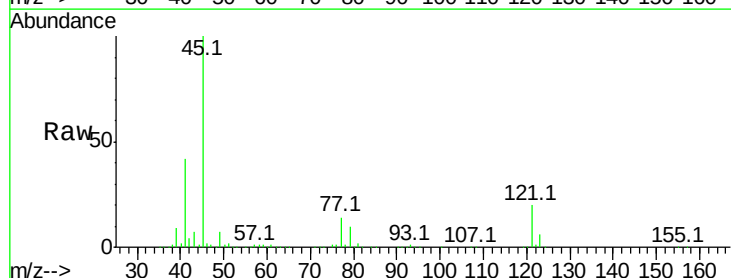
RT: 7.17 min Scan# 445

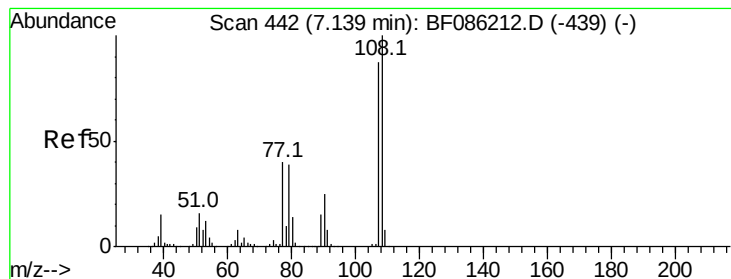
Delta R.T. -0.00 min

Lab File: BF086247.D

Acq: 16 Apr 2016 6:32

Tgt Ion:	45	Resp:	1100419
Ion Ratio	Lower	Upper	
45	100		
77	13.7	0.0	33.7
79	10.3	0.0	30.1





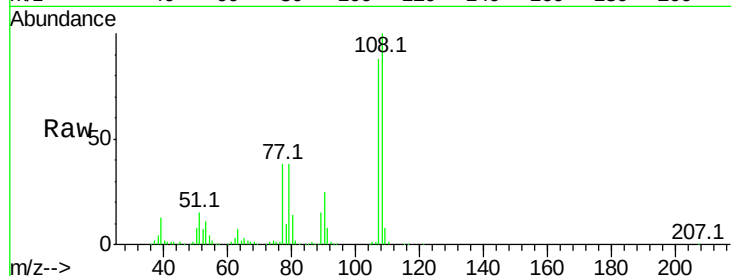
#17
2-Methylphenol
Concen: 41.68 ng
RT: 7.15 min Scan# 443
Delta R.T. 0.01 min
Lab File: BF086247.D
Acq: 16 Apr 2016 6:32

Instrument :
BNA_F
ClientSampled :
PB89866BS

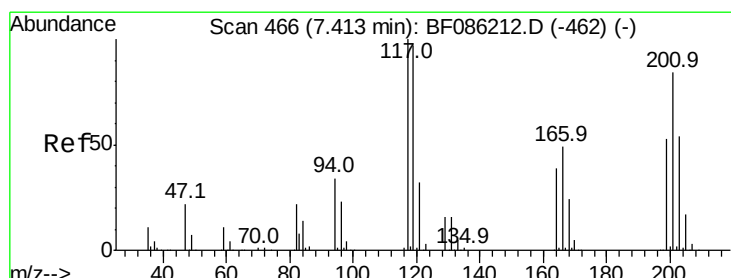
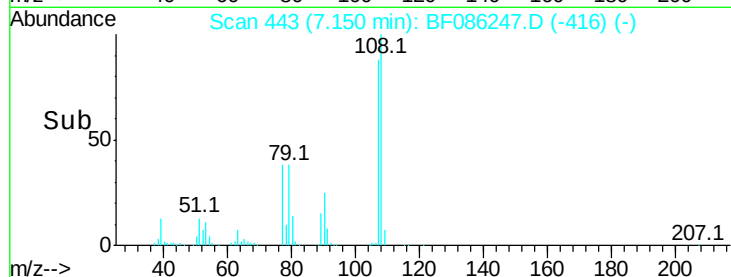
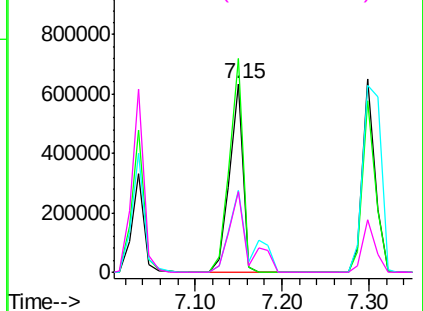
Tot Ion	Ion	Ratio	Resp	Lower	Upper
107	107	100			
108	108	113.5	92.7	139.1	
77	77	43.5	39.6	59.4	
79	79	42.7	37.4	56.2	

Manual Integrations
APPROVED

Sohil
4/18/2016 7:31:03 PM

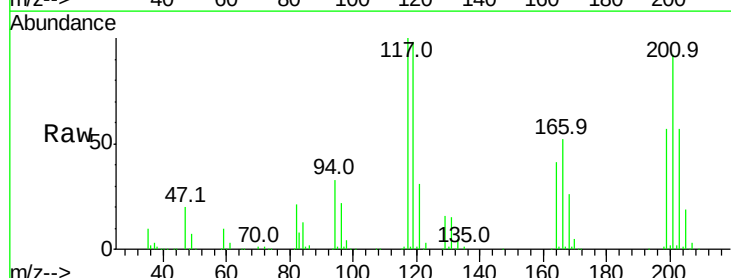


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

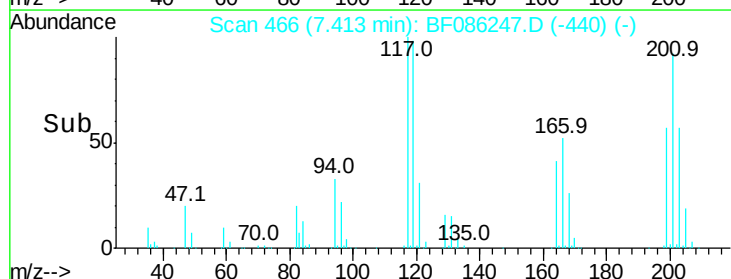
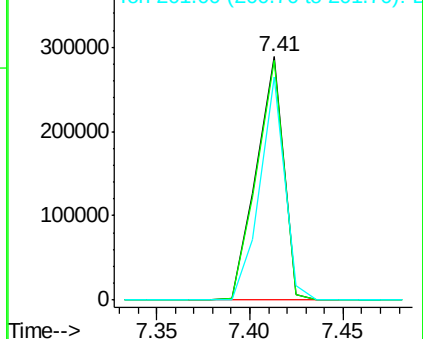


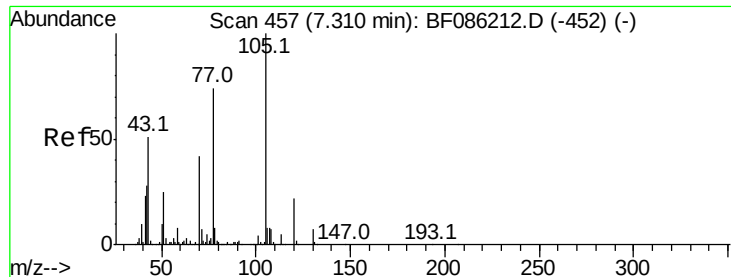
#18
Hexachloroethane
Concen: 39.19 ng
RT: 7.41 min Scan# 466
Delta R.T. -0.00 min
Lab File: BF086247.D
Acq: 16 Apr 2016 6:32

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
117	117	100			
119	119	98.3	78.2	117.4	
201	201	91.7	75.7	113.5	



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E





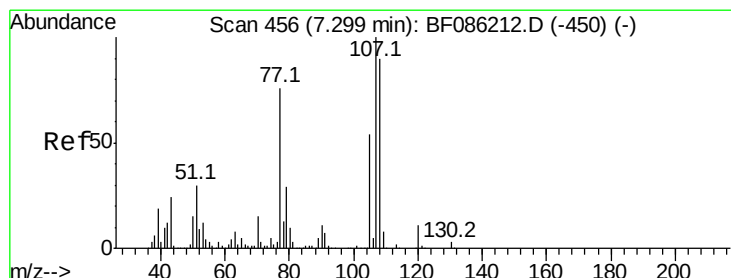
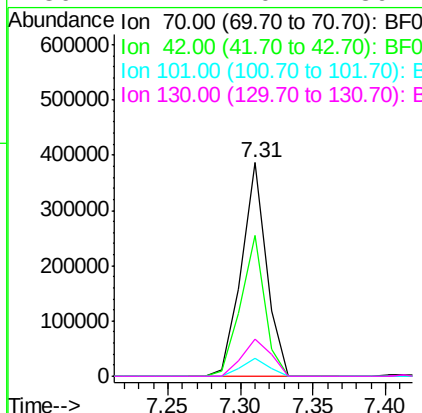
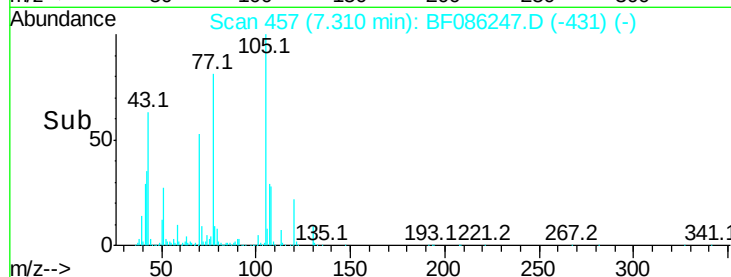
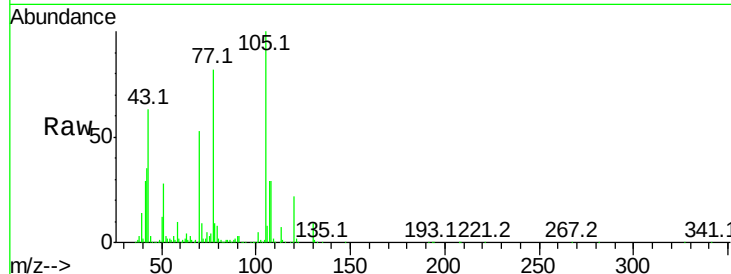
#19
n-Nitroso-di-n-propylamine
Concen: 33.59 ng
RT: 7.31 min Scan# 457
Delta R.T. -0.00 min
Lab File: BF086247.D
Acq: 16 Apr 2016 6:32

Instrument :
BNA_F
ClientSampleId :
PB89866BS

Tot Ion	Ratio	Lower	Upper
70	100		
42	66.1	43.0	64.4#
101	8.6	8.1	12.1
130	17.7	20.1	30.1#

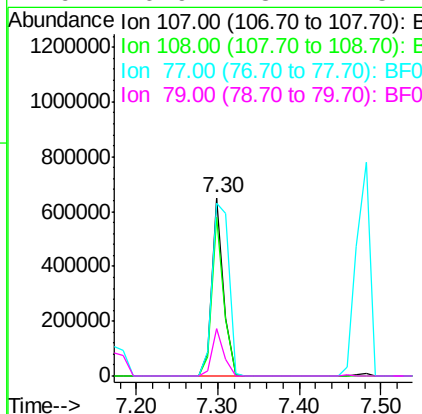
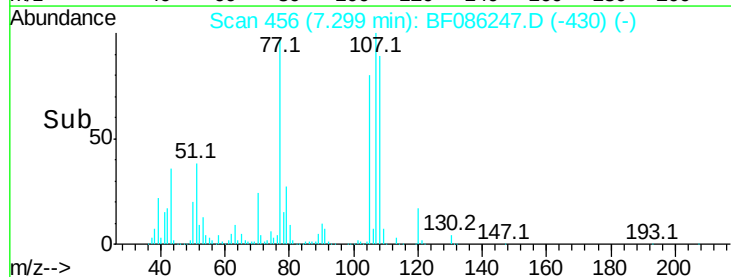
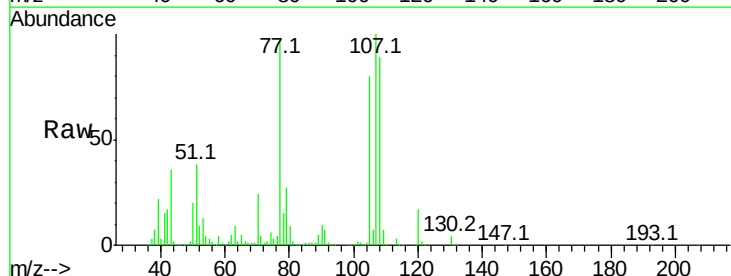
Manual Integrations
APPROVED

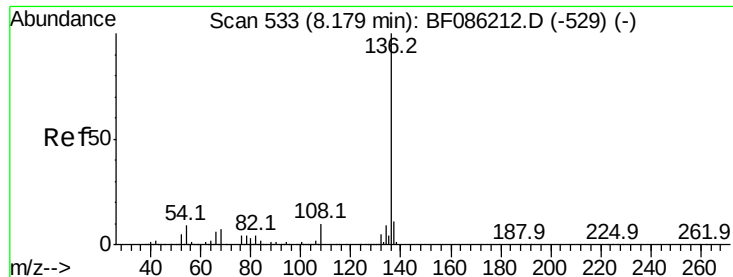
Sohil
4/18/2016 7:31:03 PM



#20
3+4-Methylphenols
Concen: 35.94 ng
RT: 7.30 min Scan# 456
Delta R.T. 0.00 min
Lab File: BF086247.D
Acq: 16 Apr 2016 6:32

Tgt Ion	Ratio	Lower	Upper
107	100		
108	89.1	69.7	109.7
77	96.9	60.5	100.5
79	26.9	8.1	48.1





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.18 min Scan# 533

Delta R.T. -0.00 min

Lab File: BF086247.D

Acq: 16 Apr 2016 6:32

Instrument :

BNA_F

ClientSampleId :

PB89866BS

Tot Ion:136 Resp: 1139308

Ion Ratio Lower Upper

136 100

137 11.3 9.1 13.7

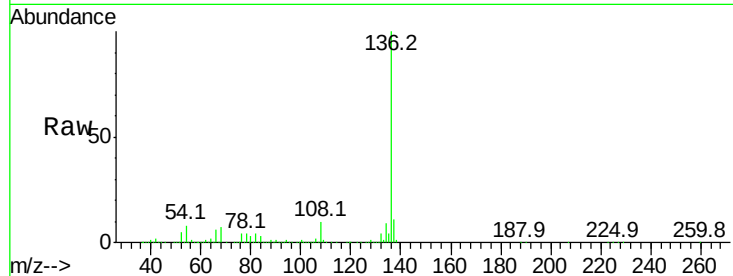
54 8.5 7.3 10.9

68 7.1 5.7 8.5

Manual Integrations
APPROVED

Sohil

4/18/2016 7:31:03 PM

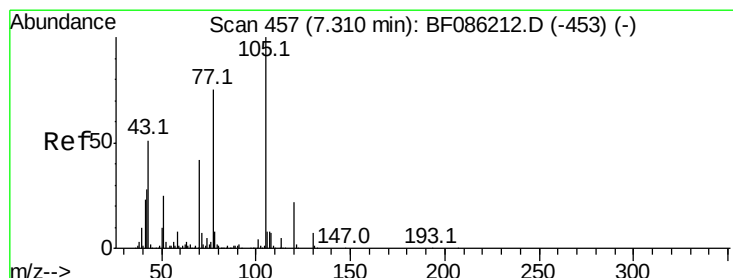
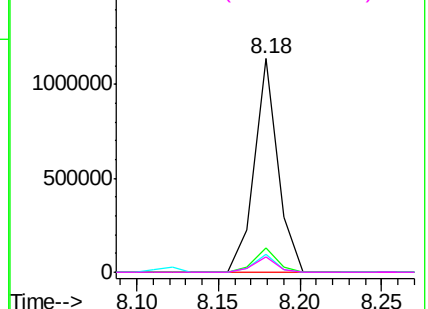
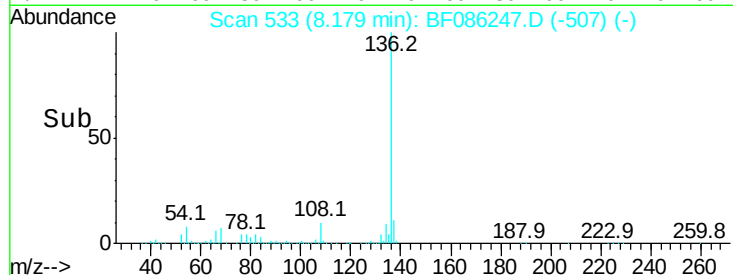


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 42.37 ng

RT: 7.31 min Scan# 457

Delta R.T. 0.00 min

Lab File: BF086247.D

Acq: 16 Apr 2016 6:32

Tgt Ion:105 Resp: 912591

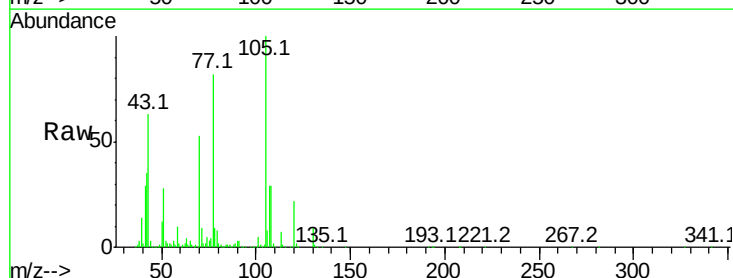
Ion Ratio Lower Upper

105 100

71 8.8 4.0 6.0#

51 27.5 22.0 33.0

120 22.3 17.5 26.3

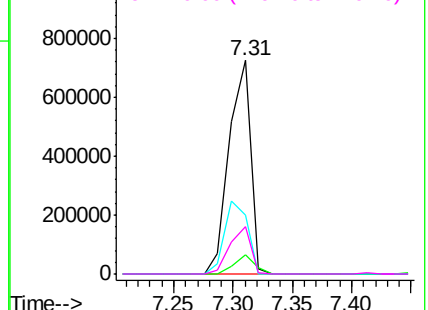
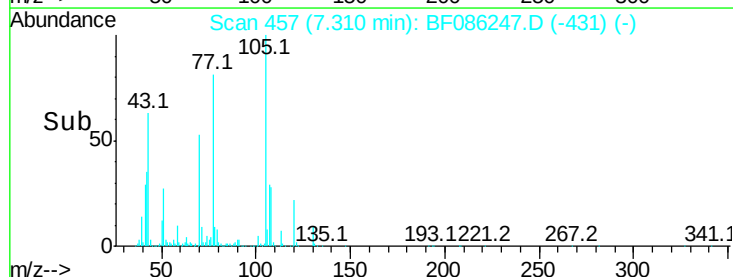


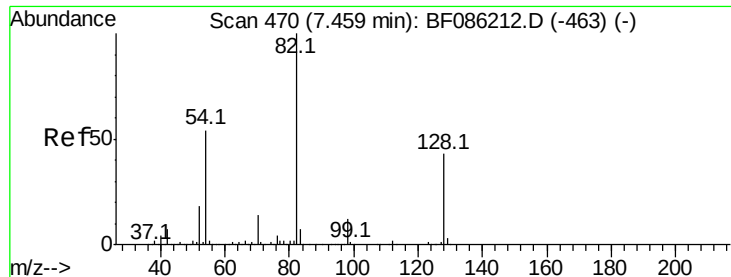
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E





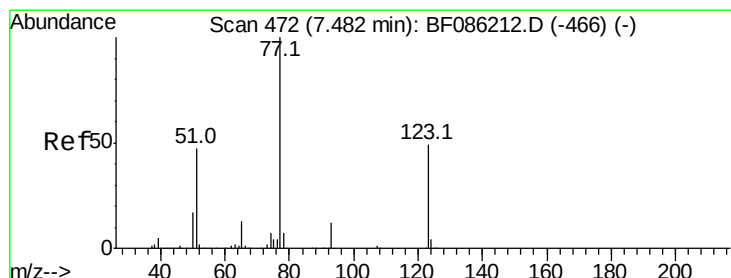
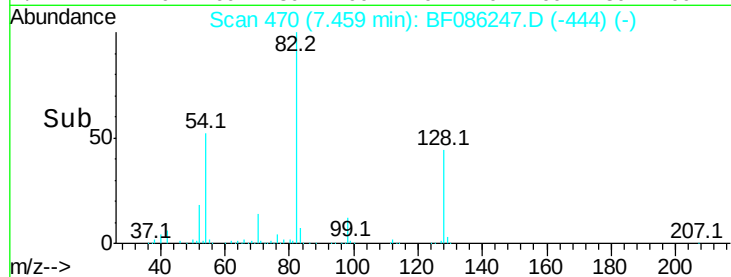
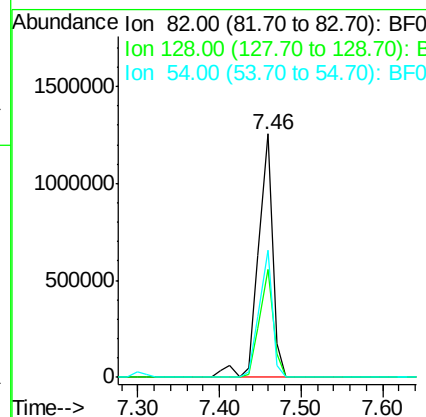
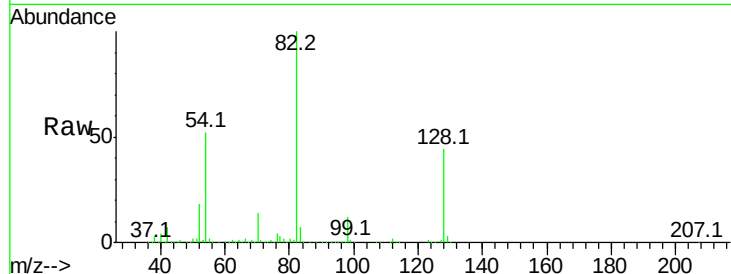
#23
 Nitrobenzene-d5
 Concen: 76.43 ng
 RT: 7.46 min Scan# 470
 Delta R.T. -0.00 min
 Lab File: BF086247.D
 Acq: 16 Apr 2016 6:32

Instrument :
 BNA_F
 ClientSampleId :
 PB89866BS

Tot Ion	Ratio	Lower	Upper
82	100		
128	44.5	35.4	53.2
54	52.1	43.4	65.0

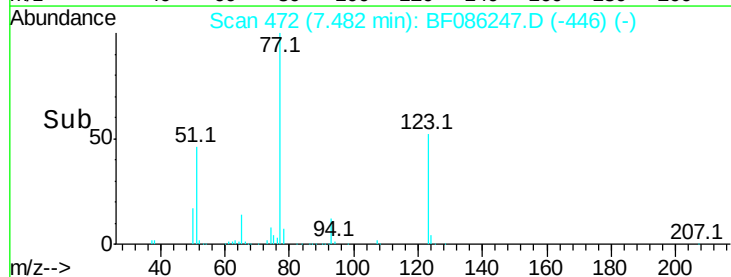
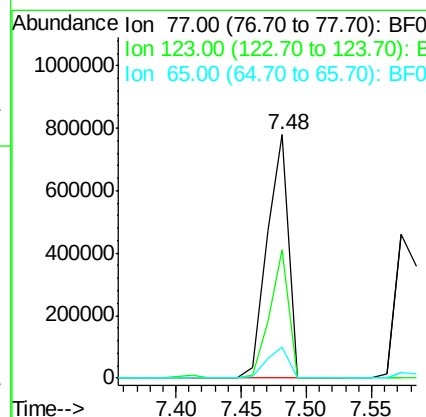
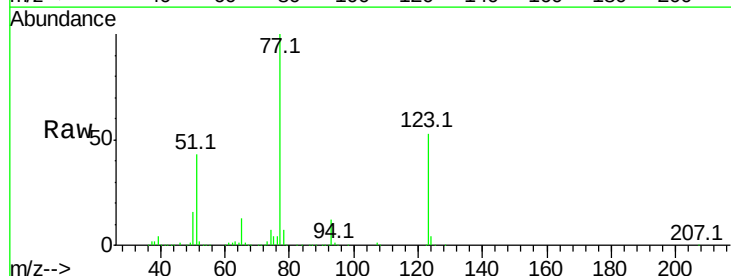
Manual Integrations
 APPROVED

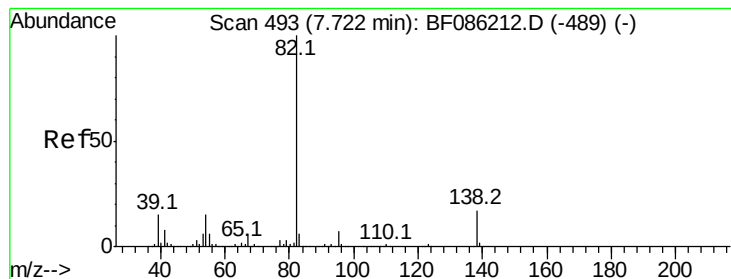
Sohil
 4/18/2016 7:31:03 PM



#24
 Nitrobenzene
 Concen: 41.03 ng
 RT: 7.48 min Scan# 472
 Delta R.T. -0.00 min
 Lab File: BF086247.D
 Acq: 16 Apr 2016 6:32

Tgt Ion	Ratio	Lower	Upper
77	100		
123	52.6	38.3	57.5
65	12.7	11.3	16.9





#25

Isophorone

Concen: 38.89 ng

RT: 7.72 min Scan# 493

Delta R.T. -0.00 min

Lab File: BF086247.D

Acq: 16 Apr 2016 6:32

Instrument :

BNA_F

ClientSampleId :

PB89866BS

Tot Ion: 82 Resp: 1524387

Ion Ratio Lower Upper

82 100

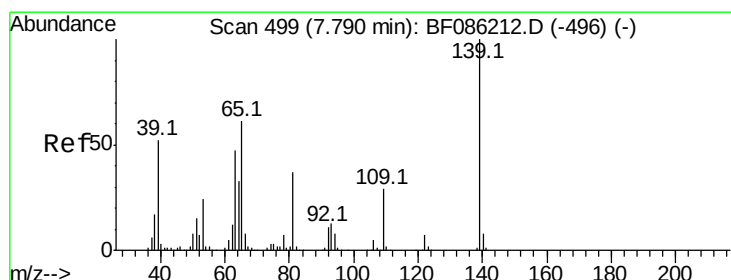
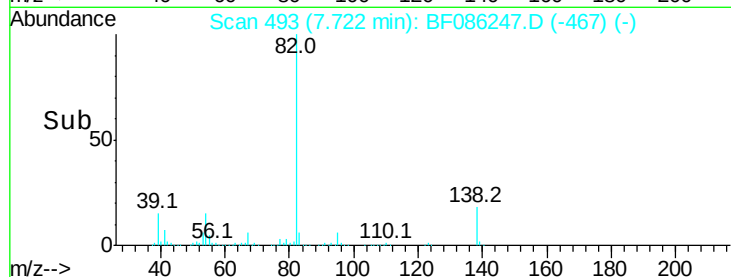
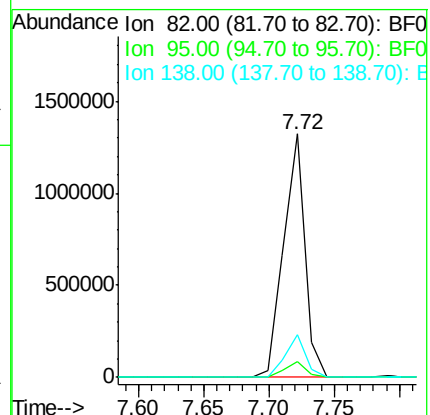
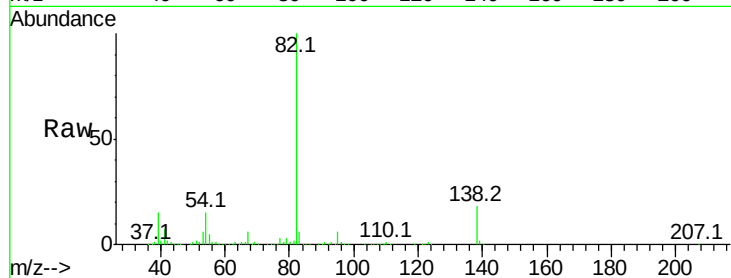
95 6.4 5.4 8.2

138 17.6 13.4 20.2

Manual Integrations
APPROVED

Sohil

4/18/2016 7:31:03 PM



#26

2-Nitrophenol

Concen: 40.01 ng

RT: 7.79 min Scan# 499

Delta R.T. -0.00 min

Lab File: BF086247.D

Acq: 16 Apr 2016 6:32

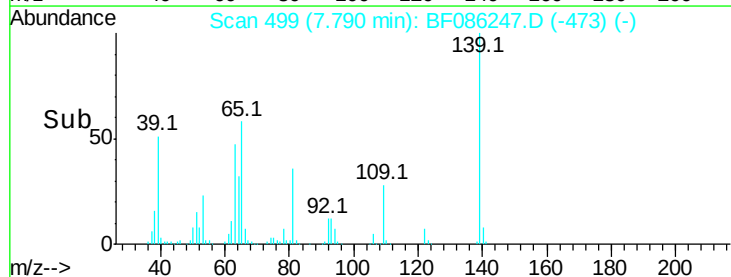
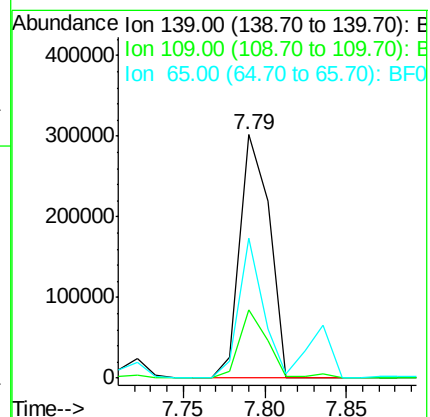
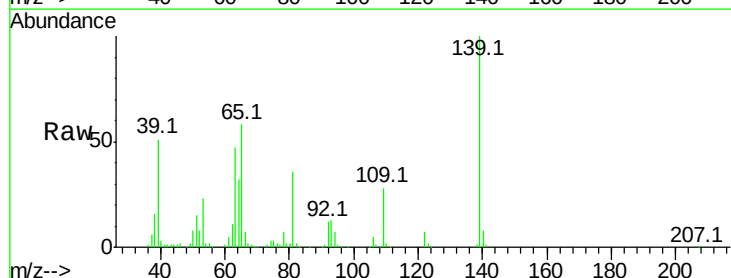
Tgt Ion: 139 Resp: 376712

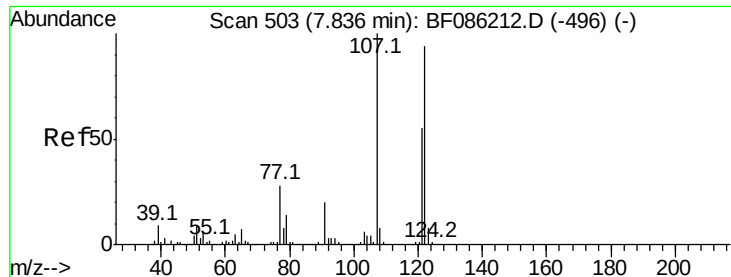
Ion Ratio Lower Upper

139 100

109 28.0 25.8 38.8

65 57.6 50.2 75.2





#27

2,4-Dimethylphenol

Concen: 40.72 ng

RT: 7.84 min Scan# 503

Delta R.T. -0.00 min

Lab File: BF086247.D

Acq: 16 Apr 2016 6:32

Instrument :

BNA_F

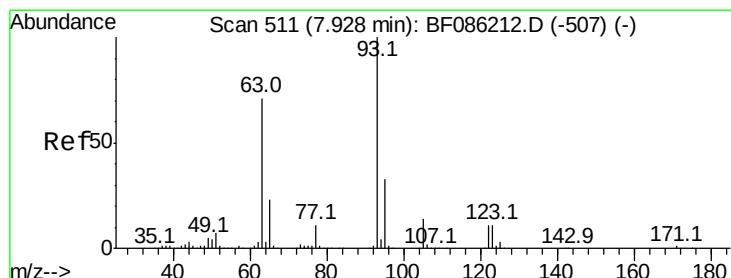
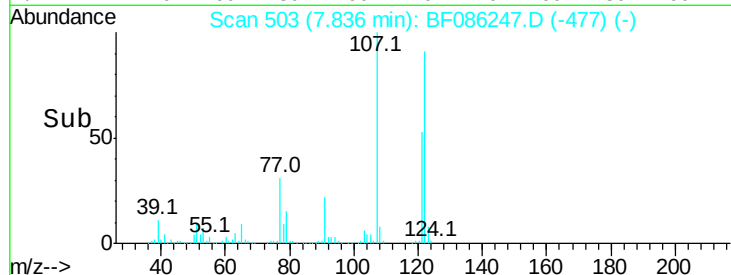
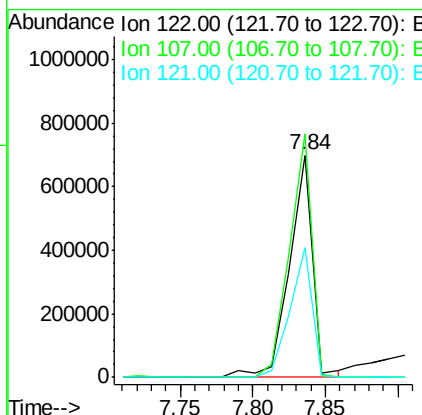
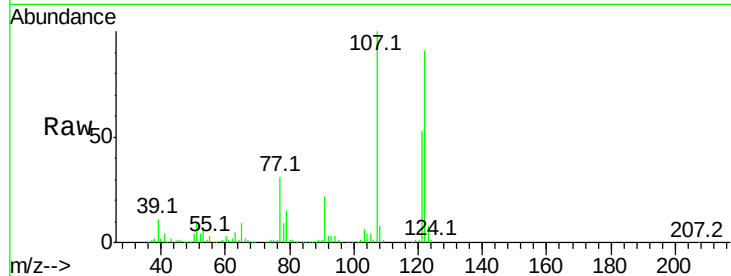
ClientSampled :

PB89866BS

Tot Ion:	122	Resp:	774264
Ion Ratio	Lower	Upper	
122	100		
107	109.8	85.8	128.6
121	58.5	47.1	70.7

Manual Integrations
APPROVED

Sohil
4/18/2016 7:31:03 PM



#28

bis(2-Chloroethoxy)methane

Concen: 38.43 ng

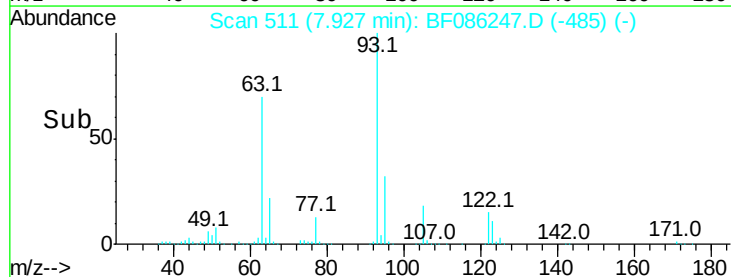
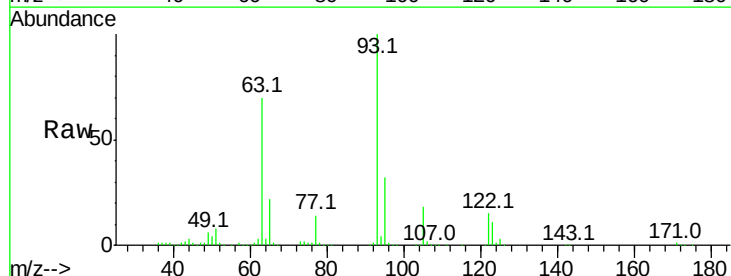
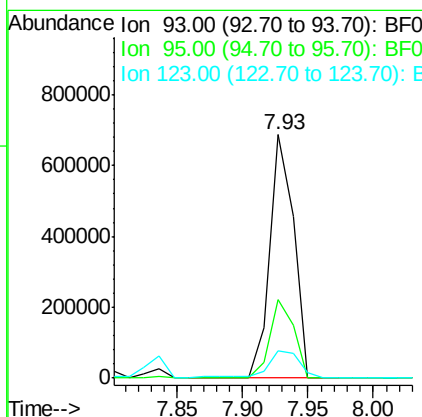
RT: 7.93 min Scan# 511

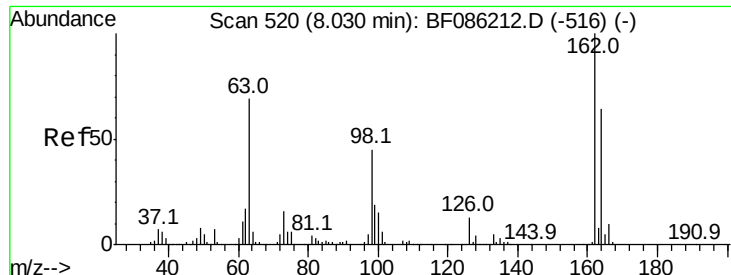
Delta R.T. -0.00 min

Lab File: BF086247.D

Acq: 16 Apr 2016 6:32

Tgt Ion:	93	Resp:	885661
Ion Ratio	Lower	Upper	
93	100		
95	32.2	25.8	38.8
123	11.3	8.9	13.3





#29

2,4-Dichlorophenol

Concen: 40.87 ng

RT: 8.03 min Scan# 520

Delta R.T. -0.00 min

Lab File: BF086247.D

Acq: 16 Apr 2016 6:32

Instrument :

BNA_F

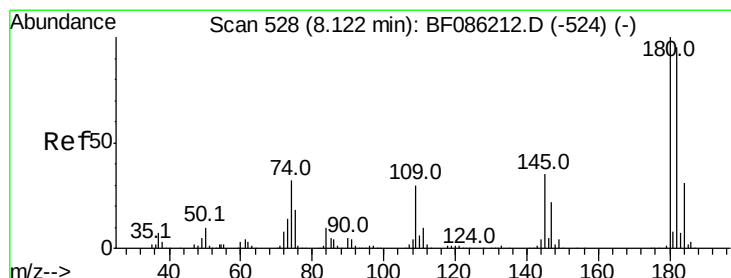
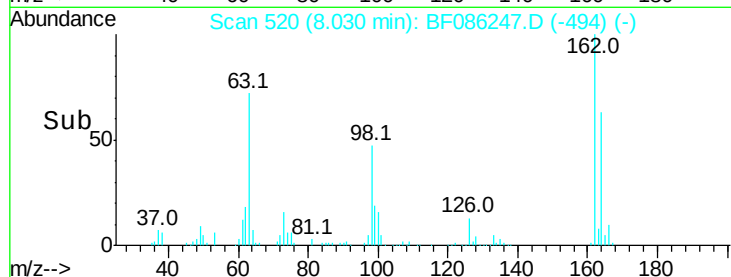
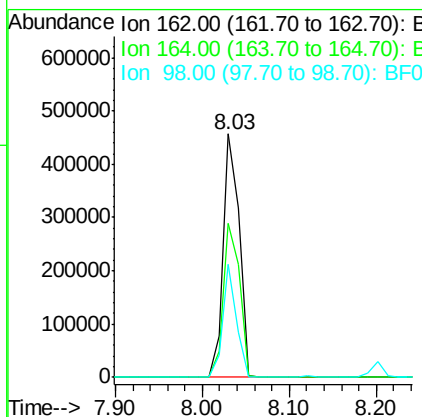
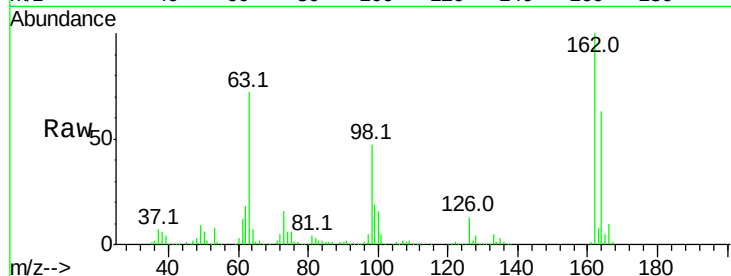
ClientSampleId :

PB89866BS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	590831		
164	63.2	43.3	83.3	
98	46.6	22.9	62.9	

Manual Integrations
APPROVED

Sohil
4/18/2016 7:31:03 PM



#30

1,2,4-Trichlorobenzene

Concen: 38.88 ng

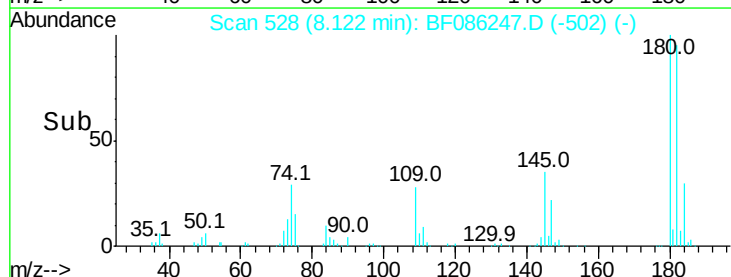
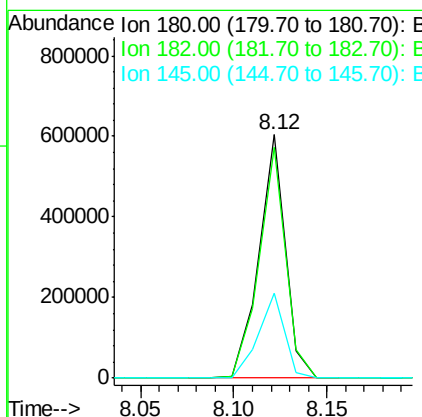
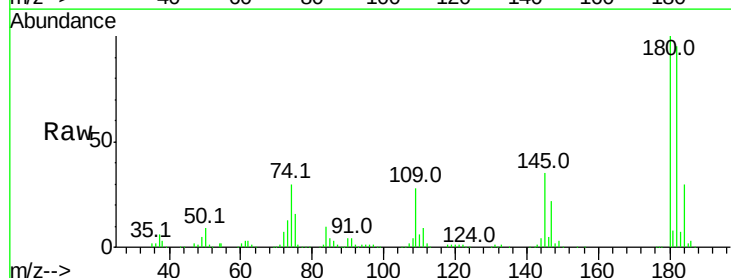
RT: 8.12 min Scan# 528

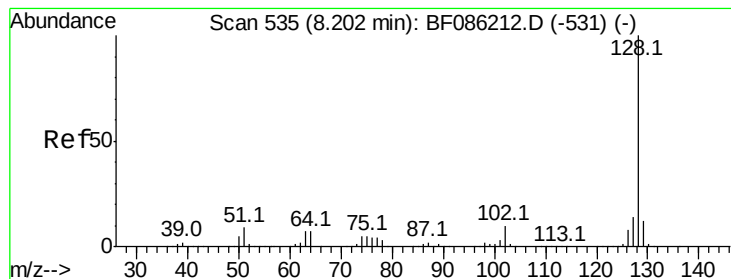
Delta R.T. -0.00 min

Lab File: BF086247.D

Acq: 16 Apr 2016 6:32

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	588258		
182	94.7	76.3	114.5	
145	35.0	27.4	41.2	





#31

Naphthalene

Concen: 38.93 ng

RT: 8.20 min Scan# 535

Delta R.T. 0.00 min

Lab File: BF086247.D

Acq: 16 Apr 2016 6:32

Instrument :

BNA_F

ClientSampleId :

PB89866BS

Tot Ion:128 Resp: 1980389

Ion Ratio Lower Upper

128 100

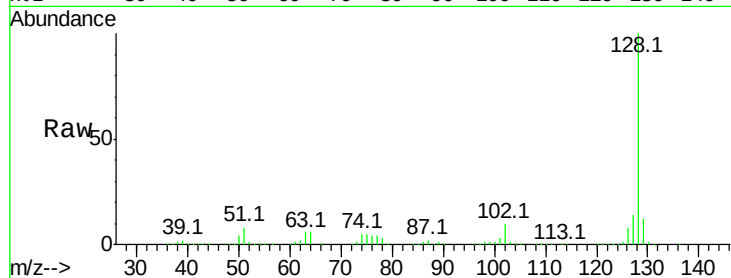
129 11.8 9.6 14.4

127 14.1 11.4 17.2

Manual Integrations
APPROVED

Sohil

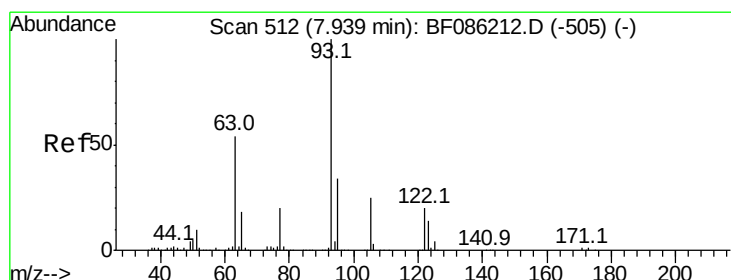
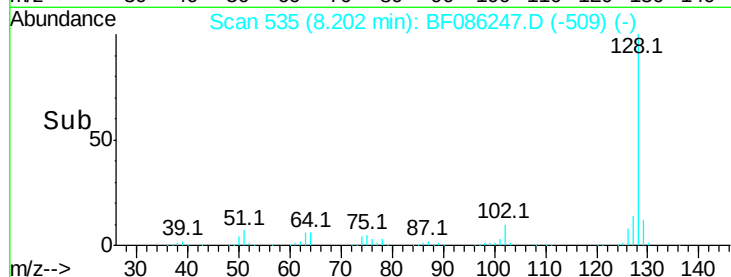
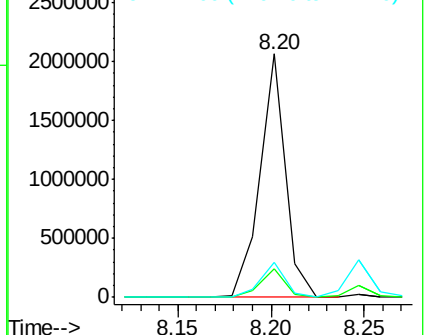
4/18/2016 7:31:03 PM



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 41.98 ng

RT: 7.95 min Scan# 513

Delta R.T. 0.01 min

Lab File: BF086247.D

Acq: 16 Apr 2016 6:32

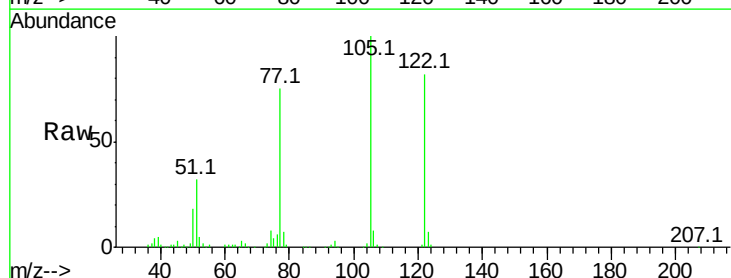
Tgt Ion:122 Resp: 510336

Ion Ratio Lower Upper

122 100

105 122.0 103.7 143.7

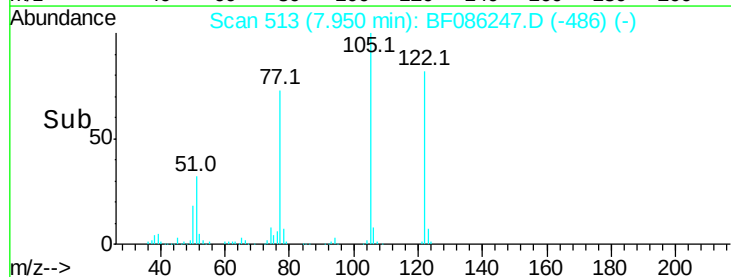
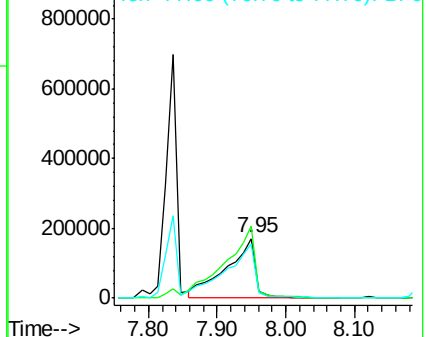
77 91.0 74.9 114.9

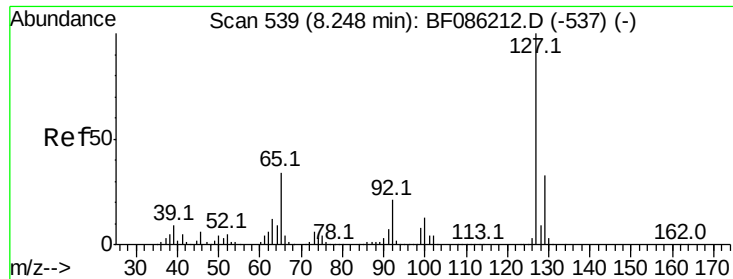


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0





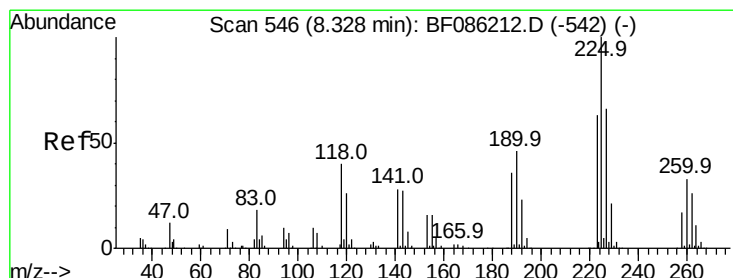
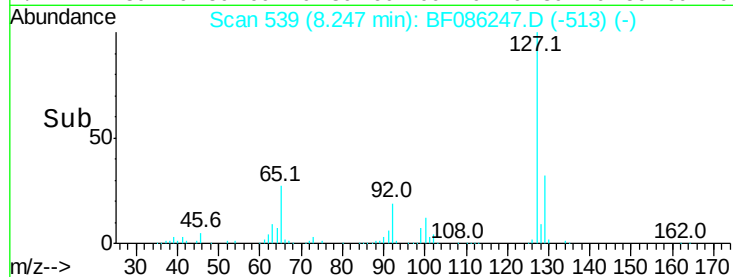
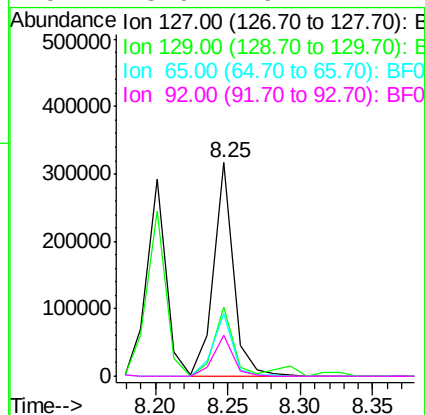
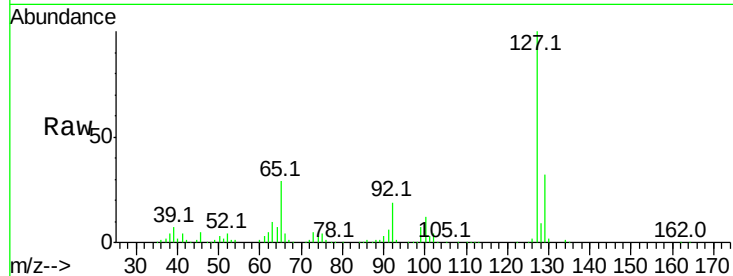
#33
 4-Chloroaniline
 Concen: 13.19 ng
 RT: 8.25 min Scan# 539
 Delta R.T. -0.00 min
 Lab File: BF086247.D
 Acq: 16 Apr 2016 6:32

Instrument :
 BNA_F
 ClientSampleID :
 PB89866BS

Tot Ion	Ratio	Resp Lower	Upper
127	100		
129	32.2	26.8	40.2
65	29.1	27.1	40.7
92	18.9	16.2	24.2

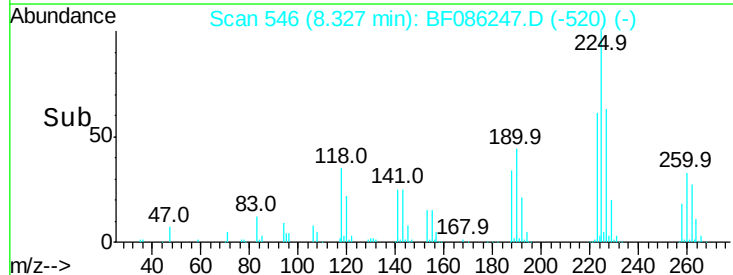
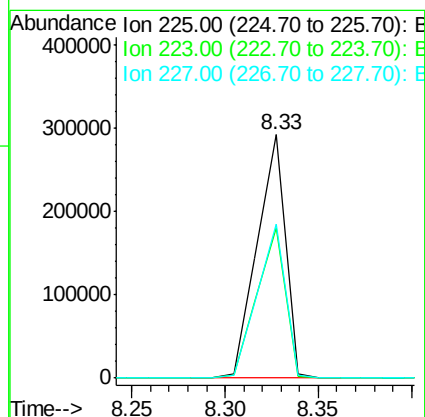
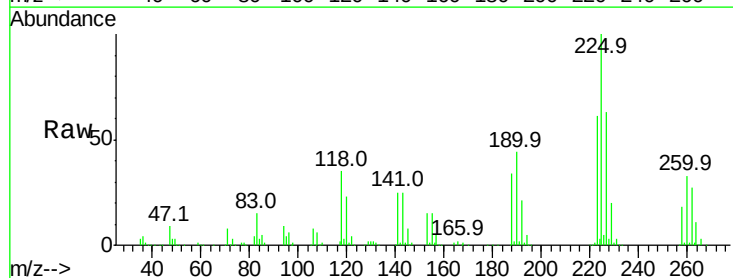
Manual Integrations
 APPROVED

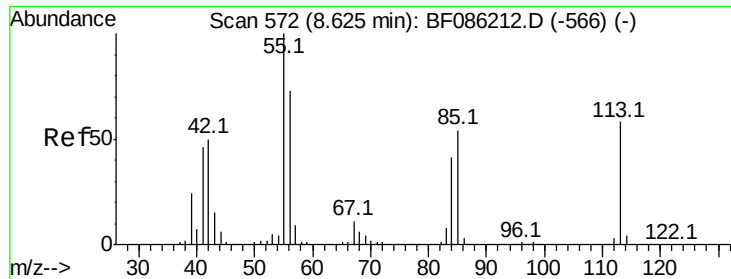
Sohil
 4/18/2016 7:31:03 PM



#34
 Hexachlorobutadiene
 Concen: 40.25 ng
 RT: 8.33 min Scan# 546
 Delta R.T. -0.00 min
 Lab File: BF086247.D
 Acq: 16 Apr 2016 6:32

Tgt Ion	Ratio	Resp Lower	Upper
225	100		
223	61.4	49.4	74.0
227	63.5	51.1	76.7





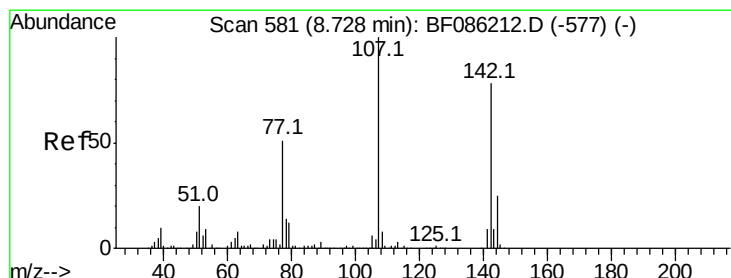
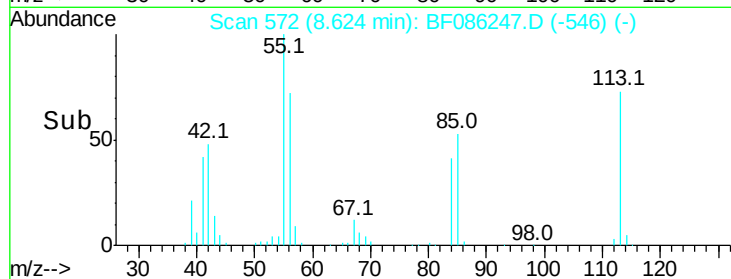
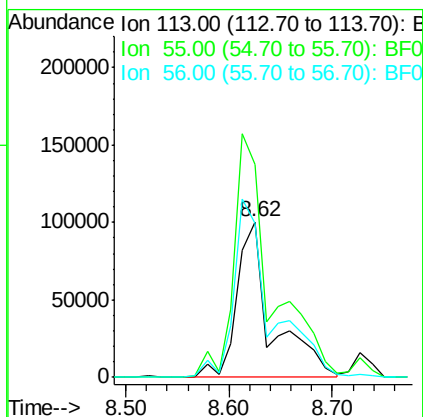
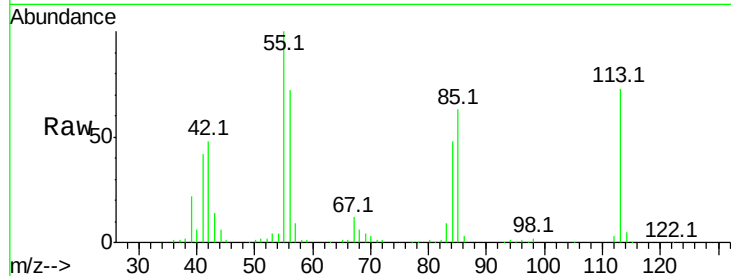
#35
 Caprolactam
 Concen: 44.80 ng/ml
 RT: 8.62 min Scan# 572
 Delta R.T. -0.00 min
 Lab File: BF086247.D
 Acq: 16 Apr 2016 6:32

Instrument :
 BNA_F
 ClientSampleID :
 PB89866BS

Tot Ion	Ratio	Resp	Lower	Upper
113	100			
55	136.8	117.5	157.5	
56	99.0	82.5	122.5	

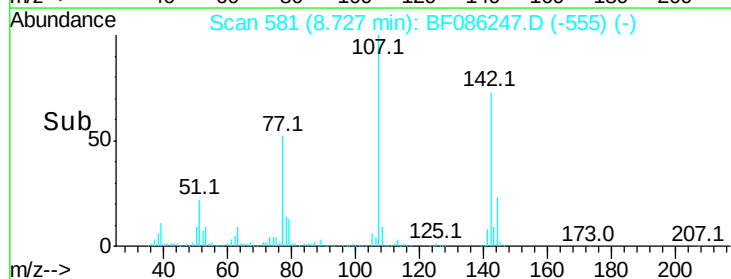
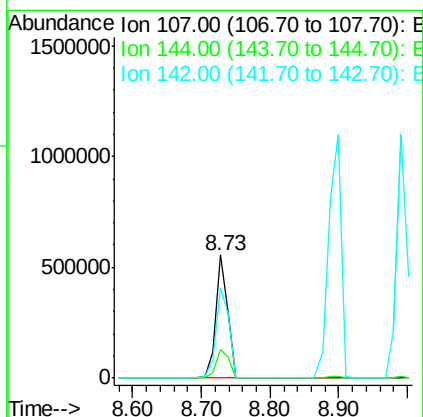
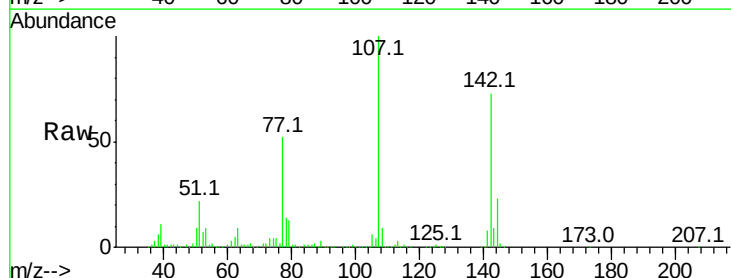
Manual Integrations
 APPROVED

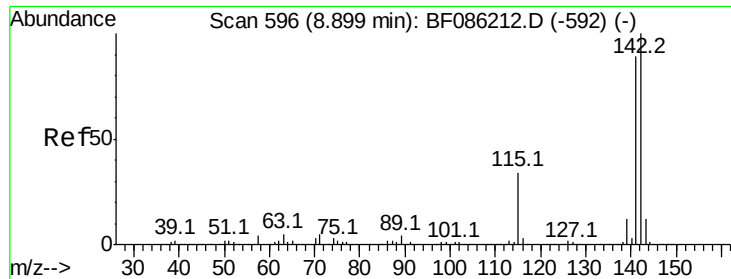
Sohil
 4/18/2016 7:31:03 PM



#36
 4-Chloro-3-methylphenol
 Concen: 40.35 ng/ml
 RT: 8.73 min Scan# 581
 Delta R.T. -0.00 min
 Lab File: BF086247.D
 Acq: 16 Apr 2016 6:32

Tgt Ion	Ratio	Resp	Lower	Upper
107	100			
144	23.4	20.7	31.1	
142	73.4	64.5	96.7	





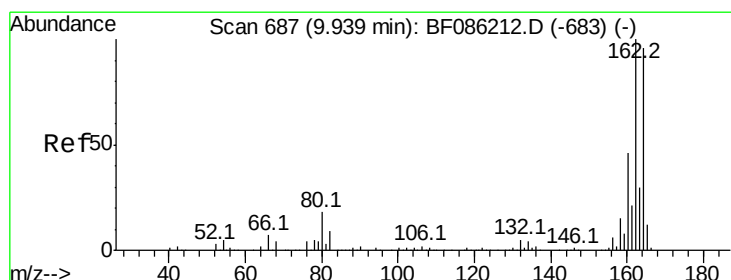
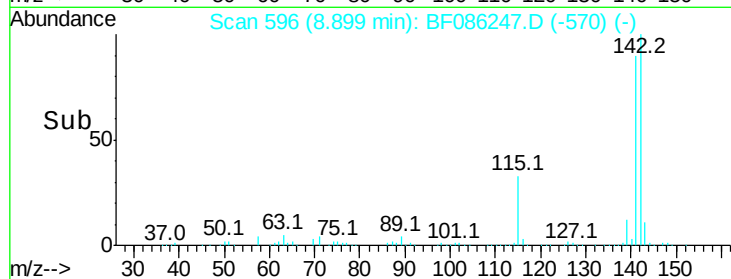
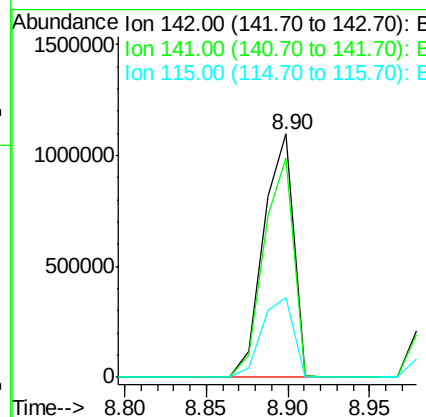
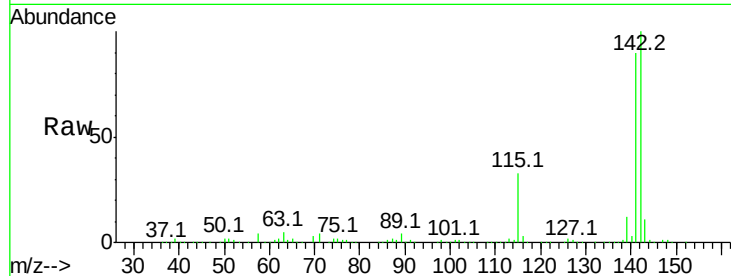
#37
2-Methylnaphthalene
Concen: 42.45 ng
RT: 8.90 min Scan# 596
Delta R.T. -0.00 min
Lab File: BF086247.D
Acq: 16 Apr 2016 6:32

Instrument :
BNA_F
ClientSampleId :
PB89866BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	90.2	71.1	106.7
115	32.7	25.1	37.7

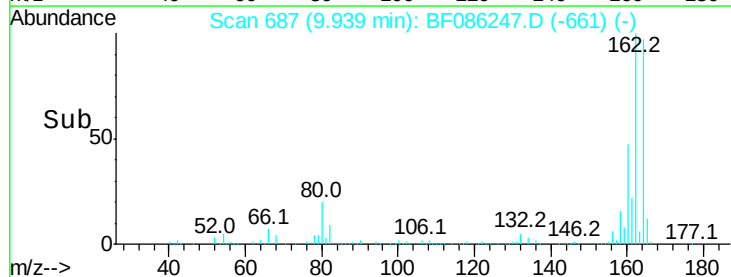
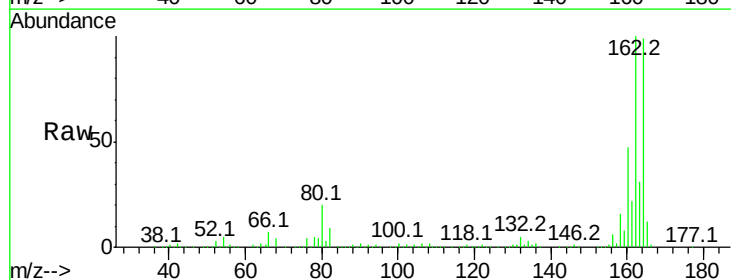
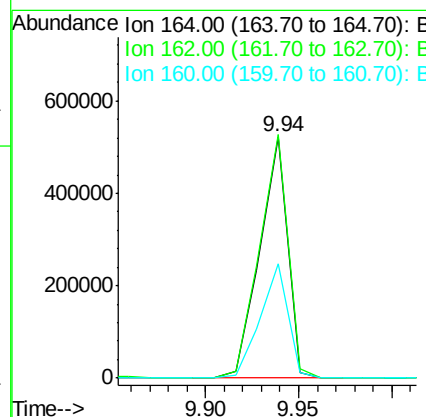
Manual Integrations
APPROVED

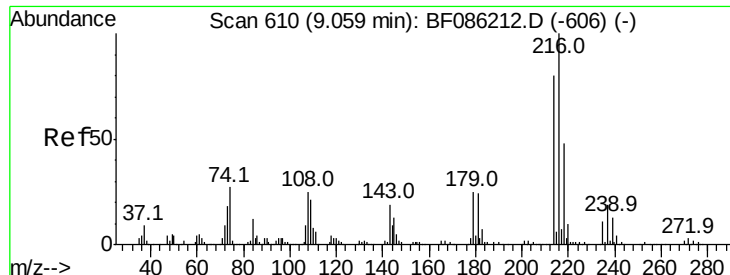
Sohil
4/18/2016 7:31:03 PM



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.94 min Scan# 687
Delta R.T. -0.00 min
Lab File: BF086247.D
Acq: 16 Apr 2016 6:32

Tgt Ion	Ratio	Lower	Upper
164	100		
162	100.8	82.8	124.2
160	47.6	38.9	58.3





#39

1,2,4,5-Tetrachlorobenzene

Concen: 35.49 ng

RT: 9.06 min Scan# 610

Delta R.T. -0.00 min

Lab File: BF086247.D

Acq: 16 Apr 2016 6:32

Instrument :

BNA_F

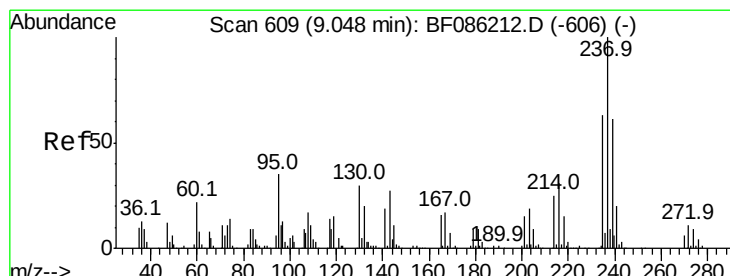
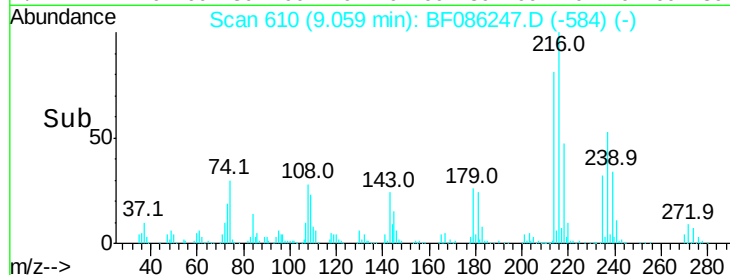
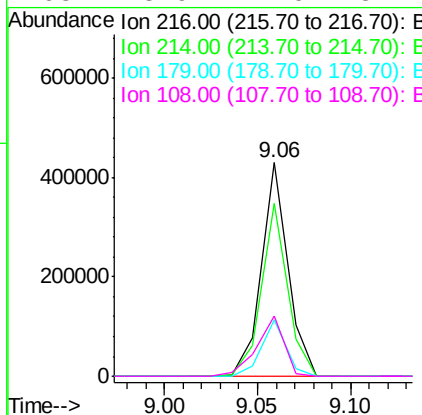
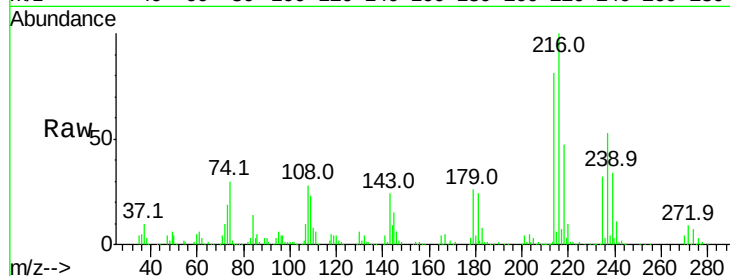
ClientSampleId :

PB89866BS

Manual Integrations
APPROVED

Sohil
4/18/2016 7:31:03 PM

Tot Ion	Ion	Ratio	Resp	Lower	Upper
421631	216	100			
	214	78.9	64.9	97.3	
	179	24.5	19.8	29.6	
	108	28.9	21.0	31.4	



#40

Hexachlorocyclopentadiene

Concen: 77.95 ng

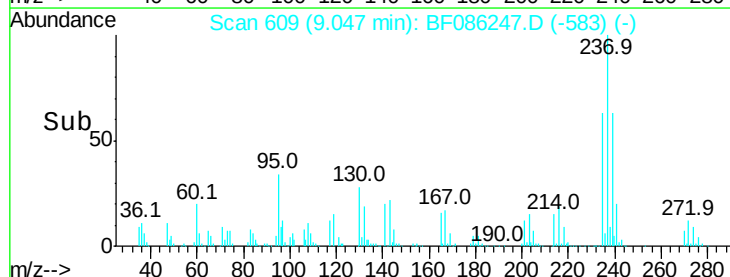
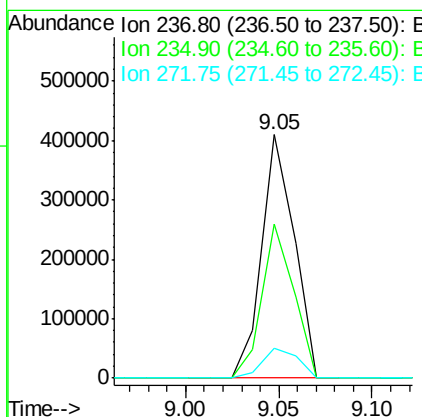
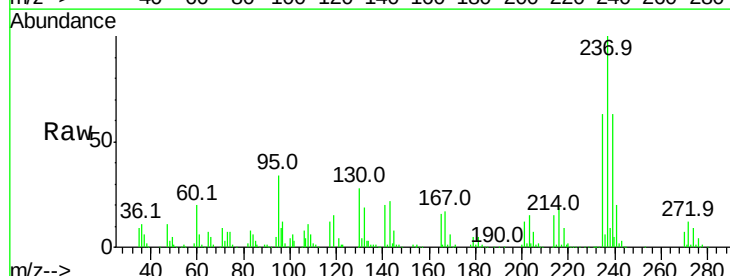
RT: 9.05 min Scan# 609

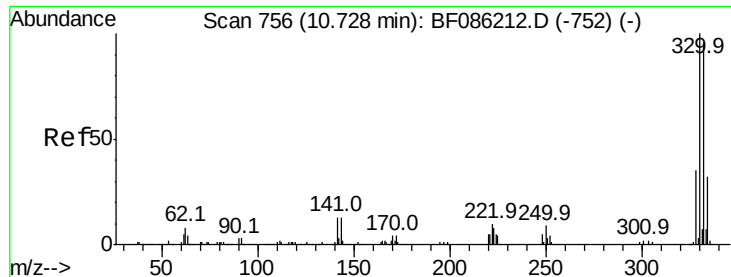
Delta R.T. -0.00 min

Lab File: BF086247.D

Acq: 16 Apr 2016 6:32

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
492963	237	100			
	235	63.1	44.0	84.0	
	272	12.2	0.0	32.4	





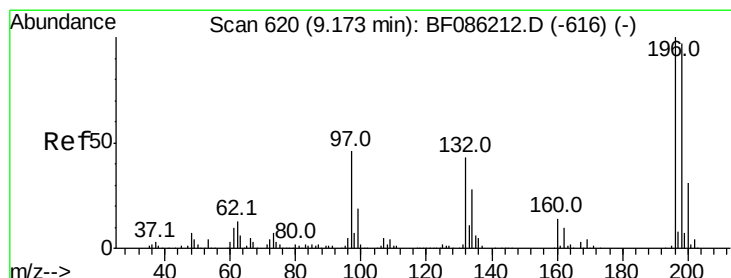
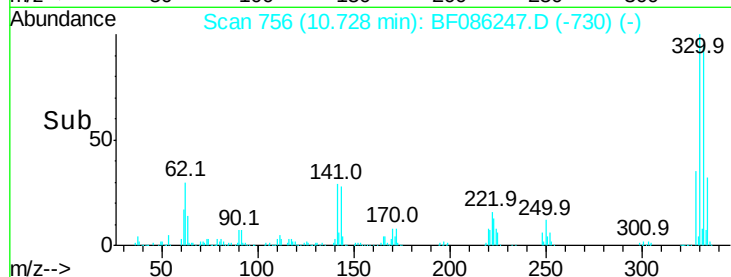
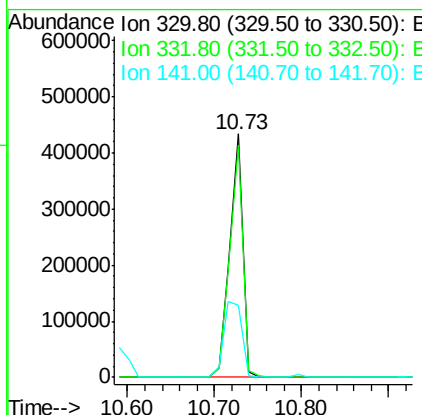
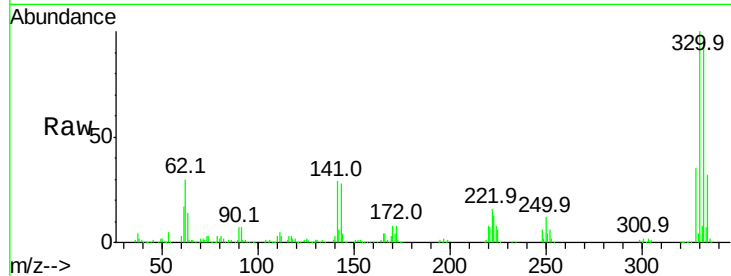
#41
 2,4,6-Tribromophenol
 Concen: 105.52 ng
 RT: 10.73 min Scan# 756
 Delta R.T. -0.00 min
 Lab File: BF086247.D
 Acq: 16 Apr 2016 6:32

Instrument :
 BNA_F
 ClientSampled :
 PB89866BS

Tot Ion	Ratio	Resp	Lower	Upper
330	100			
332	96.4	78.7	118.1	
141	43.1	28.6	42.8	

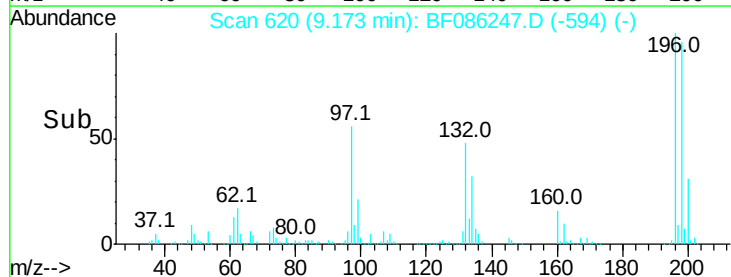
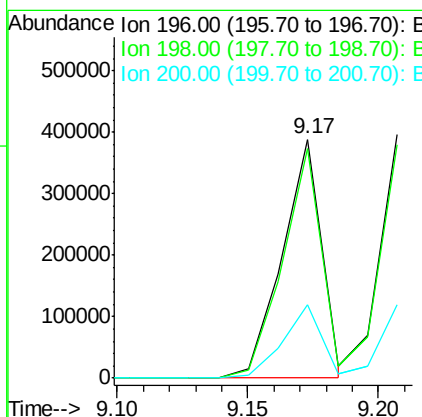
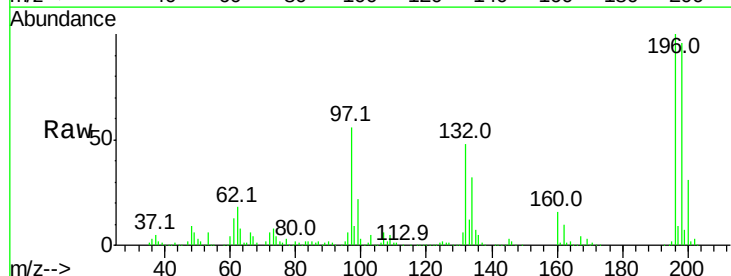
Manual Integrations
 APPROVED

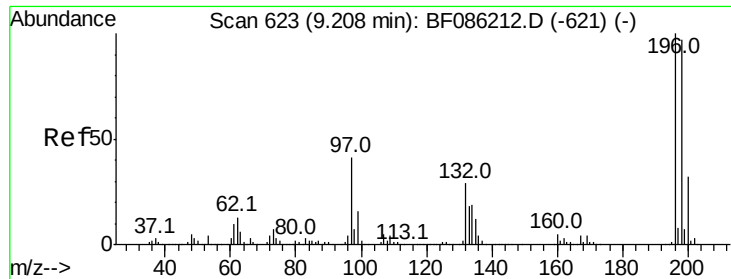
Sohil
 4/18/2016 7:31:03 PM



#42
 2,4,6-Trichlorophenol
 Concen: 38.47 ng
 RT: 9.17 min Scan# 620
 Delta R.T. -0.00 min
 Lab File: BF086247.D
 Acq: 16 Apr 2016 6:32

Tgt Ion	Ratio	Resp	Lower	Upper
196	100			
198	95.9	76.6	115.0	
200	30.8	25.3	37.9	





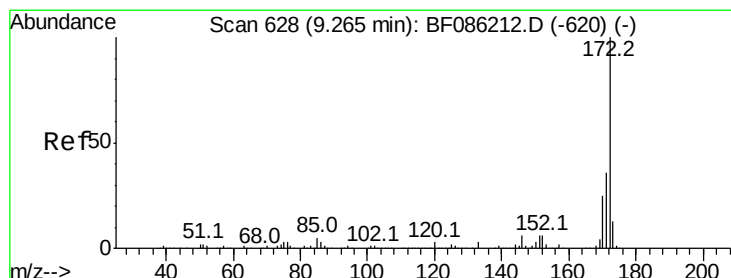
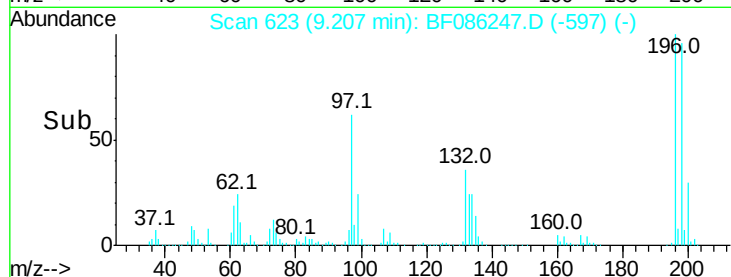
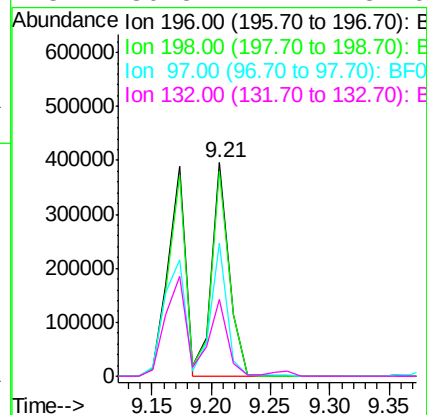
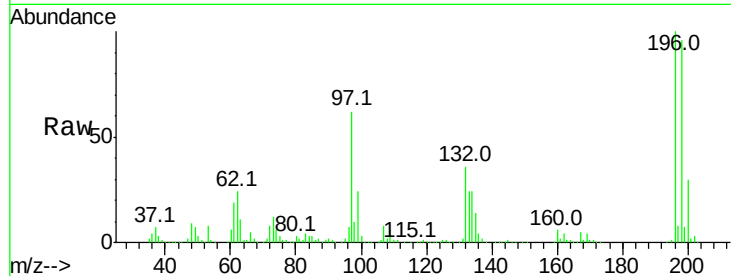
#43
 2,4,5-Trichlorophenol
 Concen: 39.44 ng
 RT: 9.21 min Scan# 623
 Delta R.T. -0.00 min
 Lab File: BF086247.D
 Acq: 16 Apr 2016 6:32

Instrument :
 BNA_F
 ClientSampleId :
 PB89866BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	402607		
198	95.8	77.7	116.5	
97	62.3	32.6	48.8#	
132	36.3	21.4	32.0#	

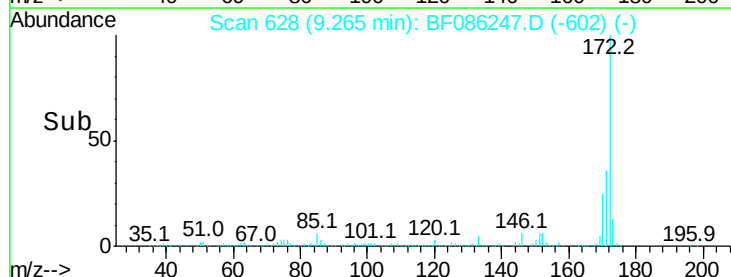
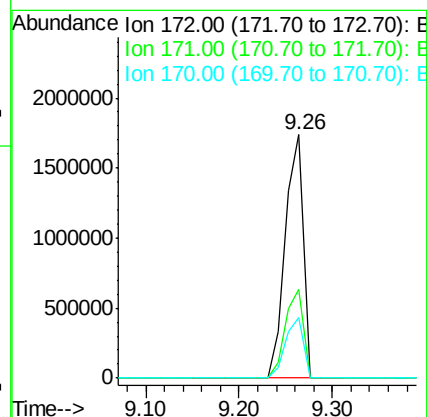
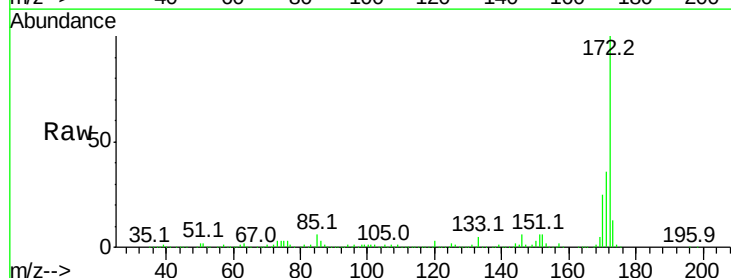
Manual Integrations
 APPROVED

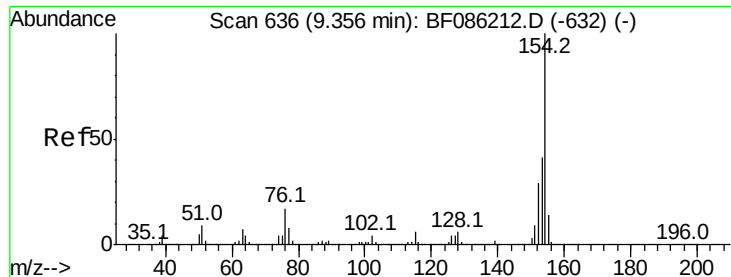
Sohil
 4/18/2016 7:31:03 PM



#44
 2-Fluorobiphenyl
 Concen: 80.66 ng
 RT: 9.26 min Scan# 628
 Delta R.T. 0.00 min
 Lab File: BF086247.D
 Acq: 16 Apr 2016 6:32

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	2344832		
171	36.4	29.1	43.7	
170	24.9	19.9	29.9	





#45

1,1'-Biphenyl

Concen: 37.71 ng

RT: 9.36 min Scan# 636

Delta R.T. 0.00 min

Lab File: BF086247.D

Acq: 16 Apr 2016 6:32

Instrument :

BNA_F

ClientSampleId :

PB89866BS

Tot Ion:154 Resp: 1456151

Ion Ratio Lower Upper

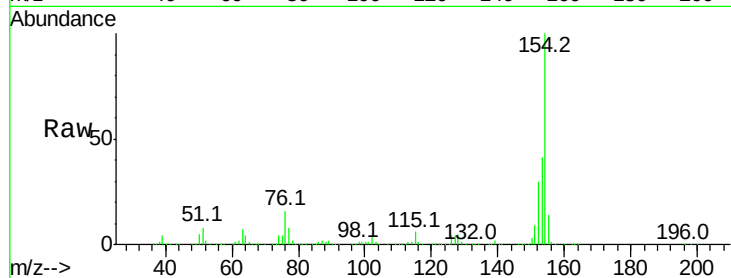
154 100

153 41.3 21.3 61.3

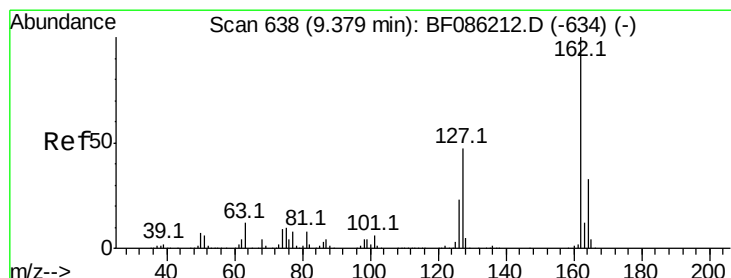
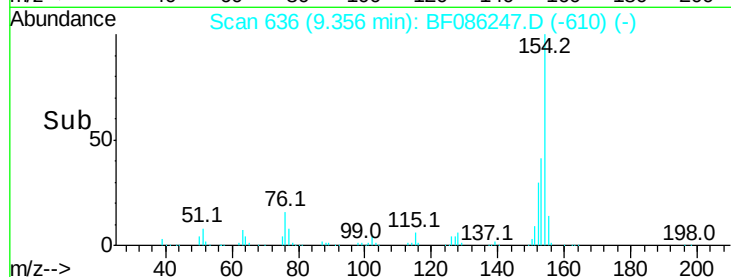
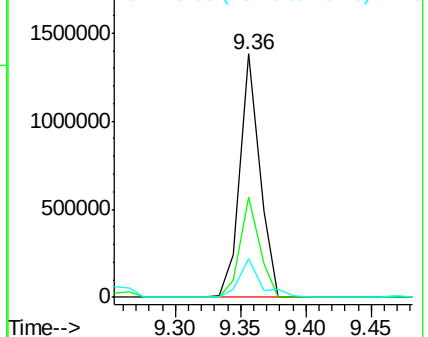
76 16.2 0.0 36.4

Manual Integrations
APPROVED

Sohil
4/18/2016 7:31:03 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: 37.54 ng

RT: 9.38 min Scan# 638

Delta R.T. -0.00 min

Lab File: BF086247.D

Acq: 16 Apr 2016 6:32

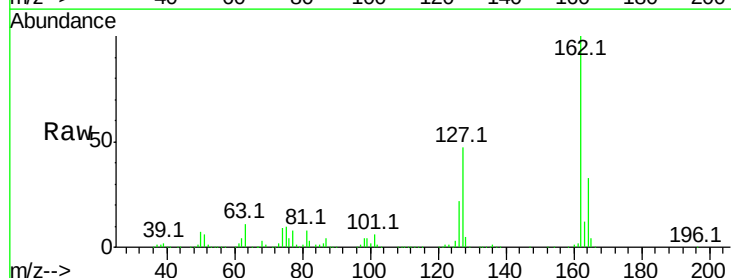
Tgt Ion:162 Resp: 1183676

Ion Ratio Lower Upper

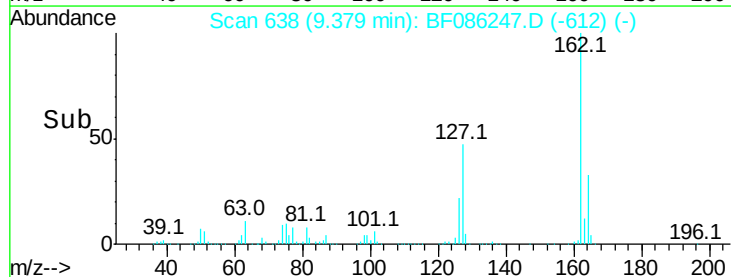
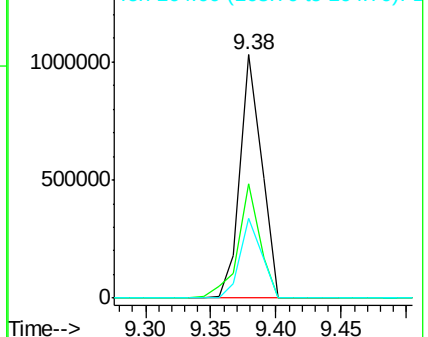
162 100

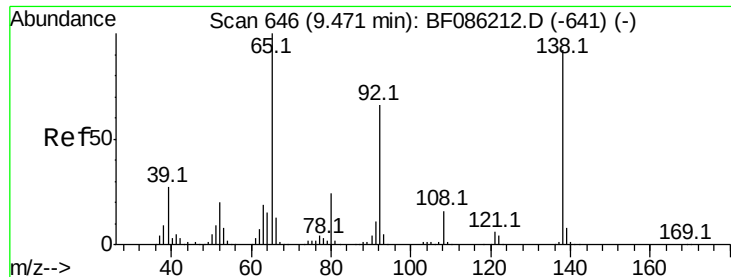
127 46.8 36.7 55.1

164 33.0 26.4 39.6



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: 39.29 ng

RT: 9.47 min Scan# 646

Delta R.T. -0.00 min

Lab File: BF086247.D

Acq: 16 Apr 2016 6:32

Instrument :

BNA_F

ClientSampleId :

PB89866BS

Tot Ion: 65 Resp: 401330

Ion Ratio Lower Upper

65 100

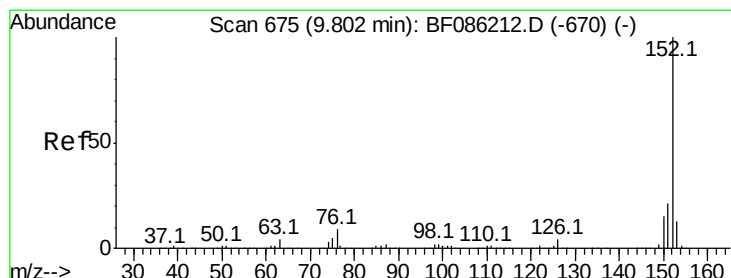
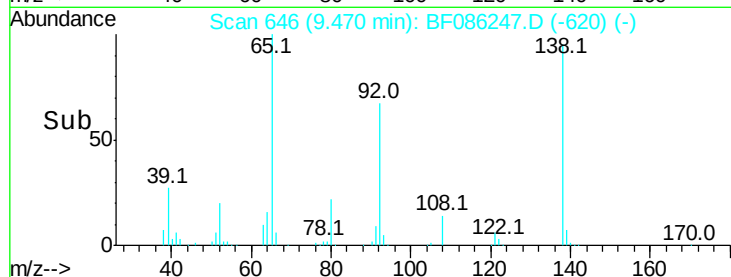
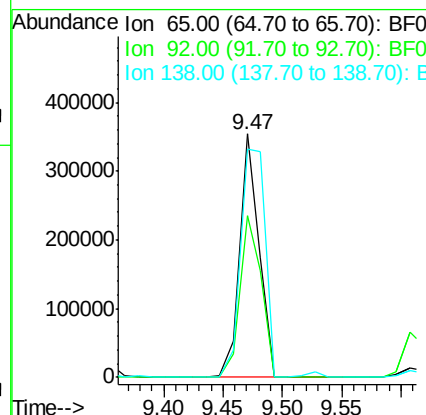
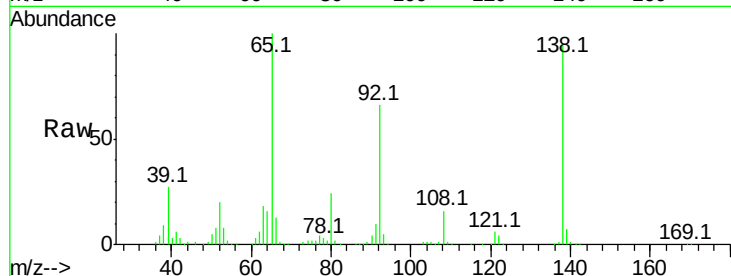
92 66.5 51.9 77.9

138 93.7 72.6 108.8

Manual Integrations
APPROVED

Sohil

4/18/2016 7:31:03 PM



#48

Acenaphthylene

Concen: 40.42 ng

RT: 9.80 min Scan# 675

Delta R.T. 0.00 min

Lab File: BF086247.D

Acq: 16 Apr 2016 6:32

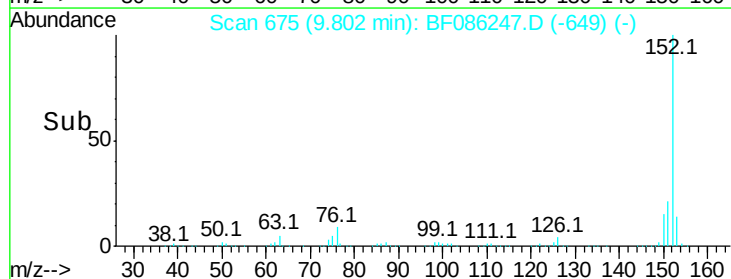
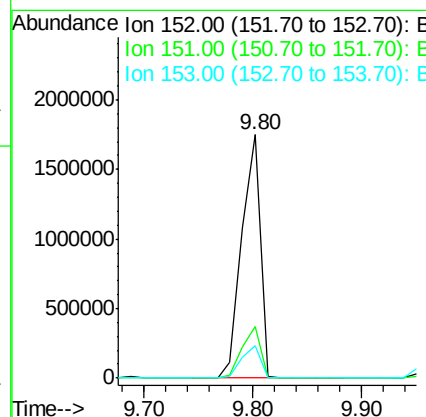
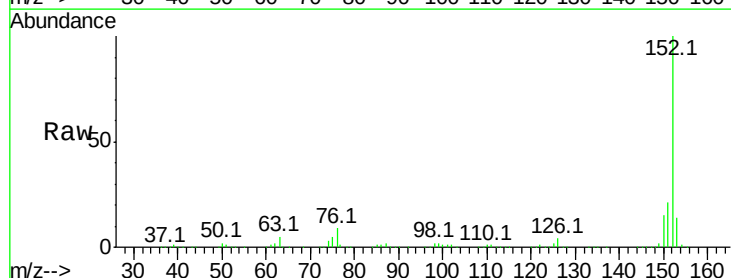
Tgt Ion: 152 Resp: 2027770

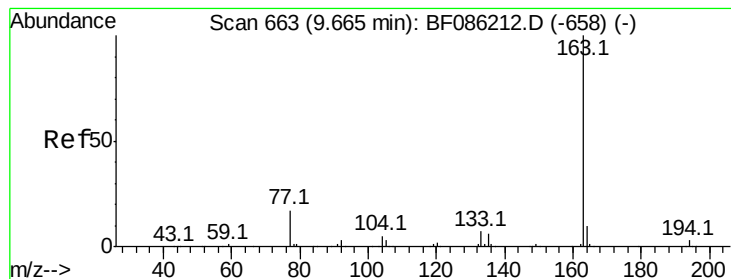
Ion Ratio Lower Upper

152 100

151 21.5 17.2 25.8

153 13.5 10.7 16.1





#49

Dimethylphthalate

Concen: 39.70 ng

RT: 9.66 min Scan# 663

Delta R.T. -0.00 min

Lab File: BF086247.D

Acq: 16 Apr 2016 6:32

Instrument :

BNA_F

ClientSampleId :

PB89866BS

Tot Ion:163 Resp: 1548589

Ion Ratio Lower Upper

163 100

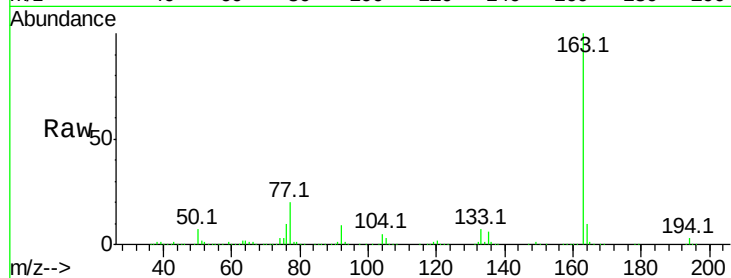
194 3.3 2.8 4.2

164 10.1 8.4 12.6

Manual Integrations
APPROVED

Sohil

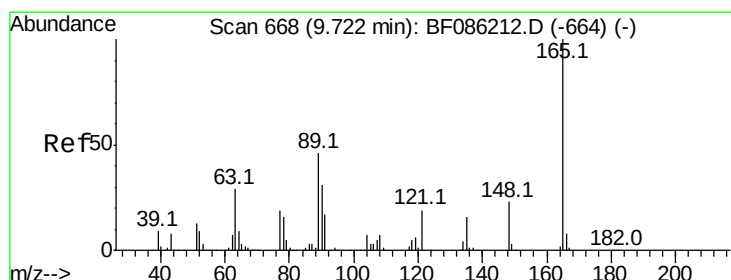
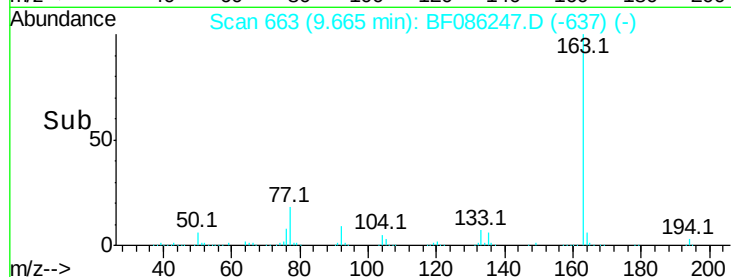
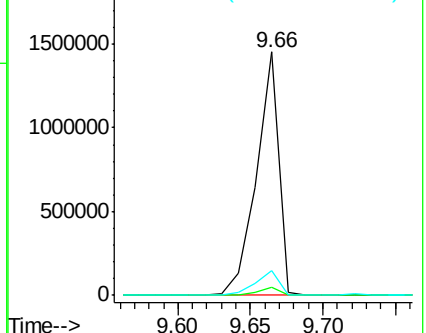
4/18/2016 7:31:03 PM



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: 43.34 ng

RT: 9.72 min Scan# 668

Delta R.T. -0.00 min

Lab File: BF086247.D

Acq: 16 Apr 2016 6:32

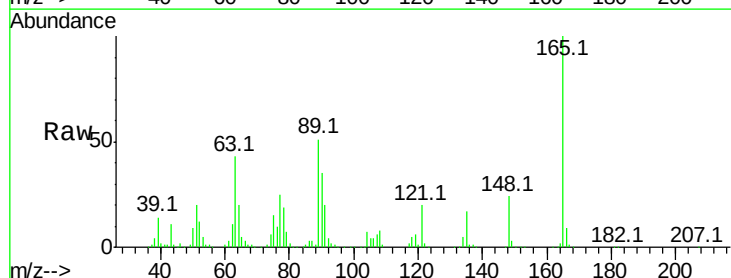
Tgt Ion:165 Resp: 374041

Ion Ratio Lower Upper

165 100

63 43.0 35.1 52.7

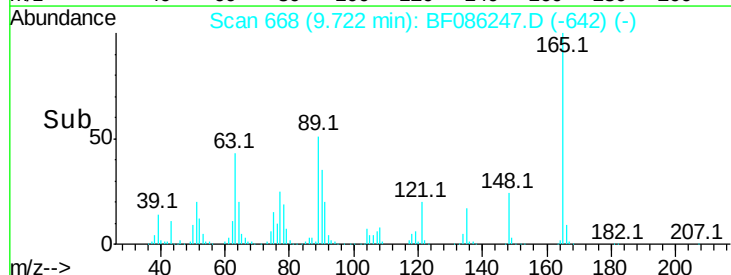
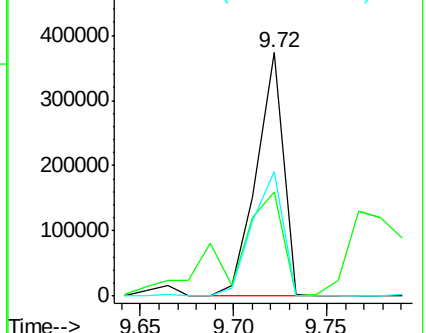
89 51.0 39.8 59.6

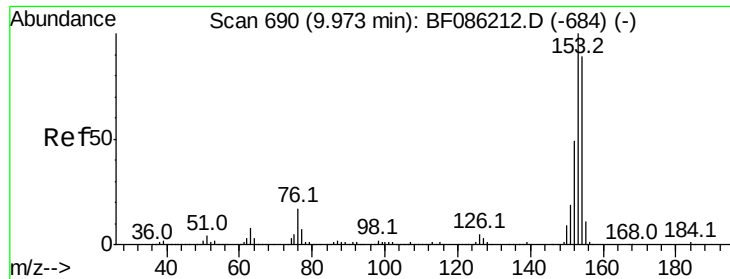


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 43.63 ng

RT: 9.97 min Scan# 690

Delta R.T. 0.00 min

Lab File: BF086247.D

Acq: 16 Apr 2016 6:32

Instrument :

BNA_F

ClientSampleId :

PB89866BS

Tot Ion:154 Resp: 1307585

Ion Ratio Lower Upper

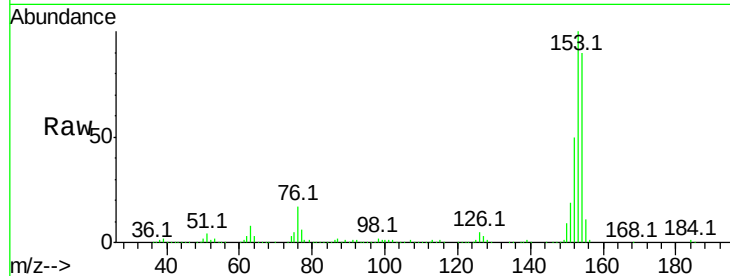
154 100

153 110.9 90.0 135.0

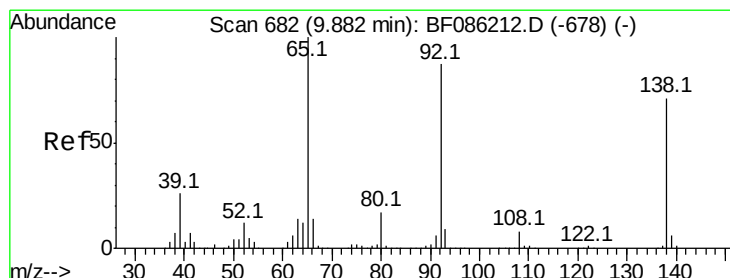
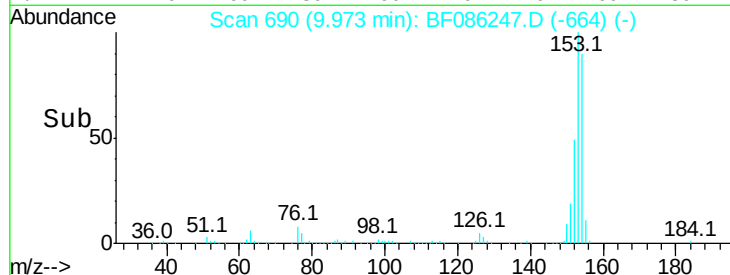
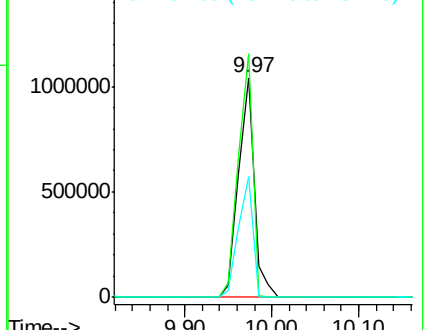
152 55.0 44.3 66.5

Manual Integrations
APPROVED

Sohil
4/18/2016 7:31:03 PM



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 20.71 ng

RT: 9.88 min Scan# 682

Delta R.T. -0.00 min

Lab File: BF086247.D

Acq: 16 Apr 2016 6:32

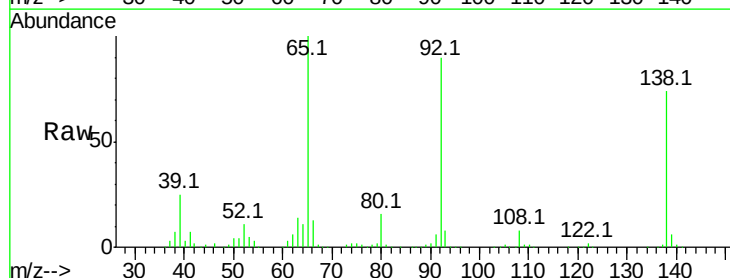
Tgt Ion:138 Resp: 217250

Ion Ratio Lower Upper

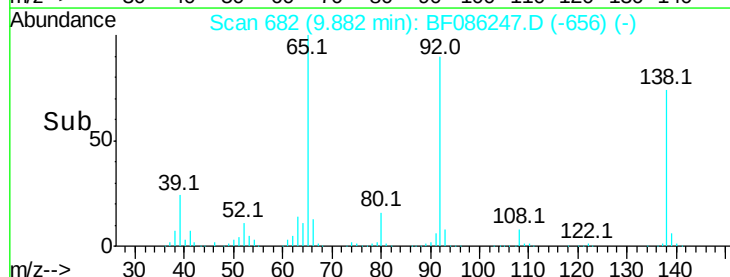
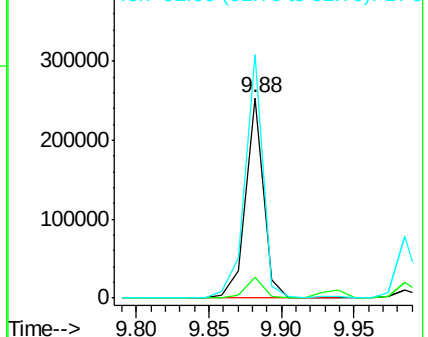
138 100

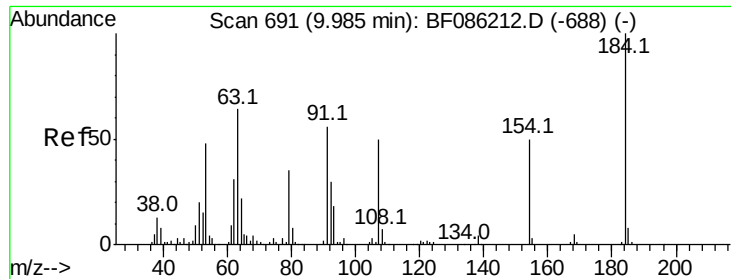
108 10.6 9.0 13.4

92 121.6 99.3 148.9



Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF0





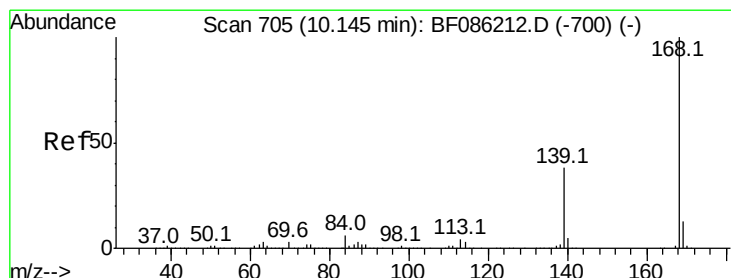
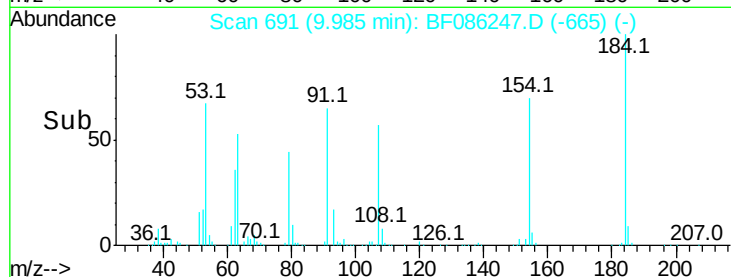
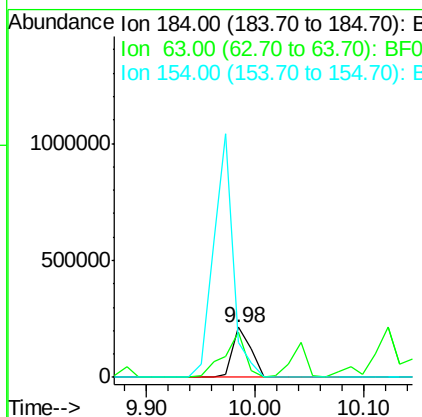
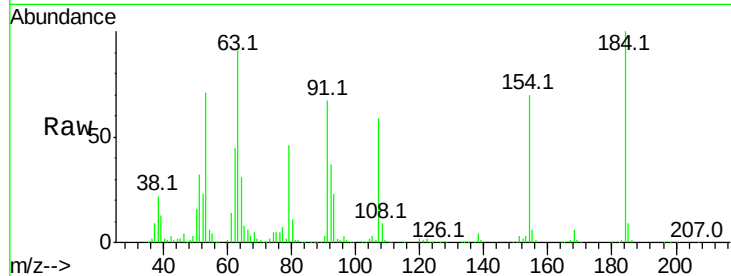
#53
 2,4-Dinitrophenol
 Concen: 76.24 ng
 RT: 9.98 min Scan# 691
 Delta R.T. 0.00 min
 Lab File: BF086247.D
 Acq: 16 Apr 2016 6:32

Instrument :
 BNA_F
 ClientSampled :
 PB89866BS

Tot Ion	Ratio	Resp	Lower	Upper
184	100	242900		
63	91.3		64.7	97.1
154	70.2		59.4	89.2

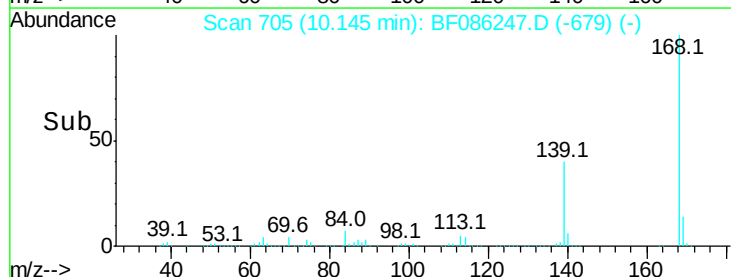
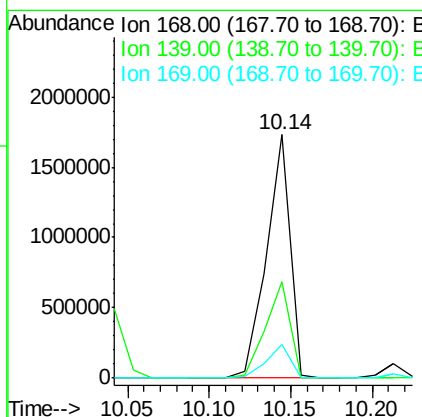
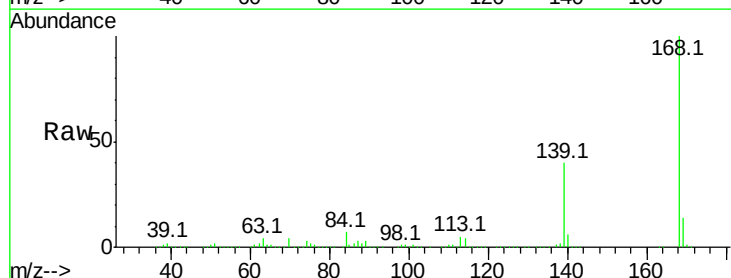
Manual Integrations
 APPROVED

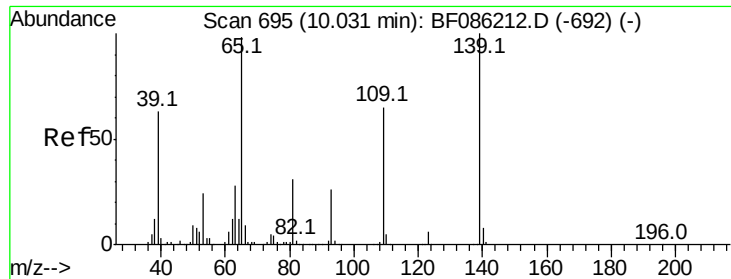
Sohil
 4/18/2016 7:31:03 PM



#54
 Dibenzofuran
 Concen: 44.27 ng
 RT: 10.14 min Scan# 705
 Delta R.T. 0.00 min
 Lab File: BF086247.D
 Acq: 16 Apr 2016 6:32

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	1752164		
139	39.8		29.5	44.3
169	13.6		10.6	16.0





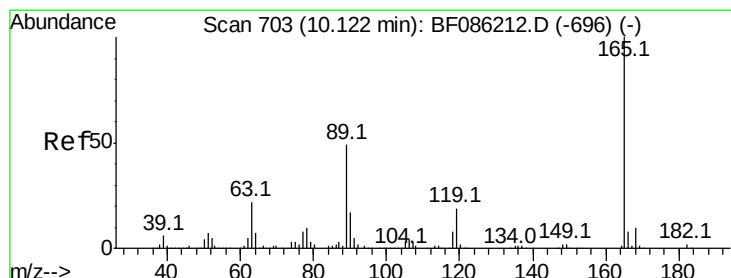
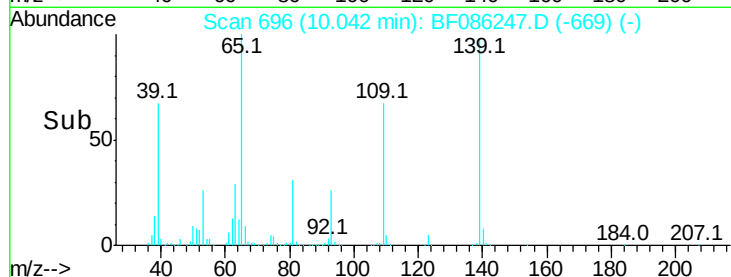
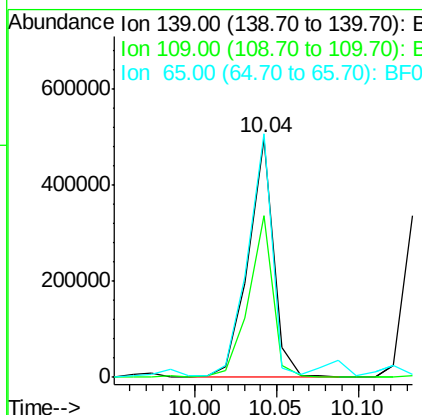
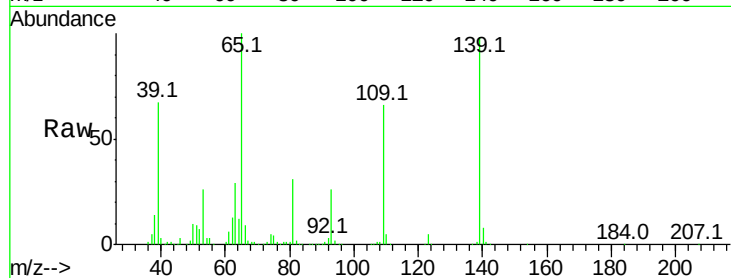
#55
4-Nitrophenol
Concen: 65.26 ng
RT: 10.04 min Scan# 696
Delta R.T. 0.01 min
Lab File: BF086247.D
Acq: 16 Apr 2016 6:32

Instrument :
BNA_F
ClientSampleId :
PB89866BS

Tot Ion	Ratio	Resp	Lower	Upper
139	100			
109	67.7	55.0	95.0	
65	101.8	87.3	127.3	

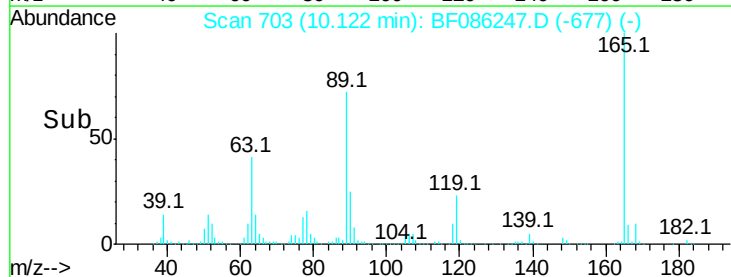
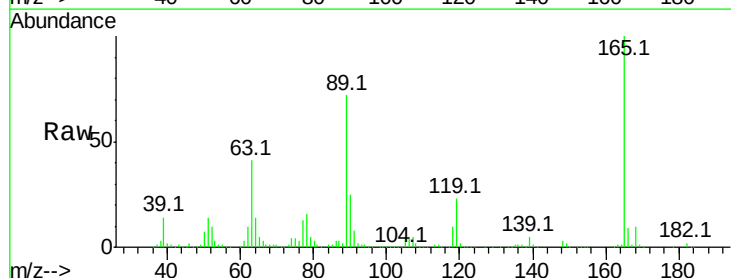
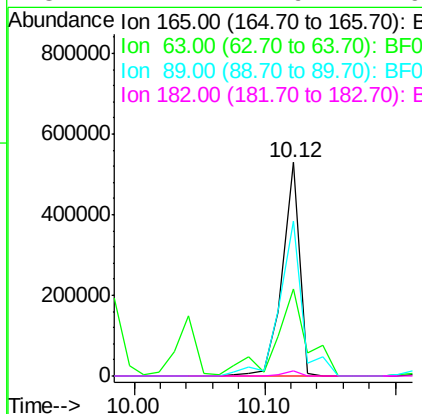
Manual Integrations
APPROVED

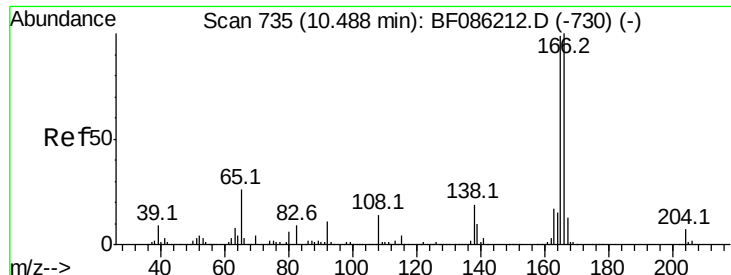
Sohil
4/18/2016 7:31:03 PM



#56
2,4-Dinitrotoluene
Concen: 44.19 ng
RT: 10.12 min Scan# 703
Delta R.T. -0.00 min
Lab File: BF086247.D
Acq: 16 Apr 2016 6:32

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	41.0	26.6	40.0#	
89	72.5	49.5	74.3	
182	2.2	1.9	2.9	





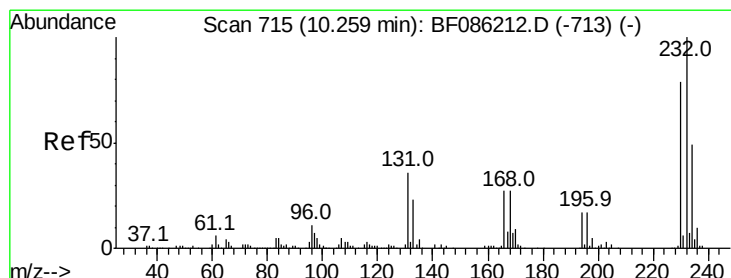
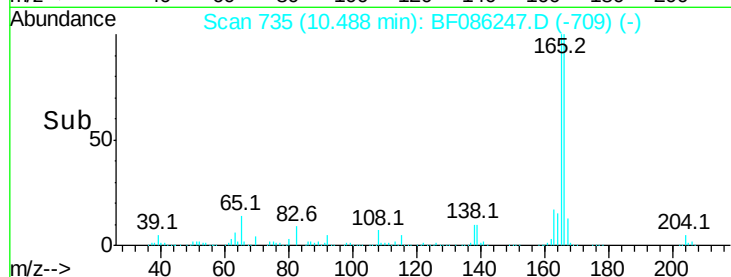
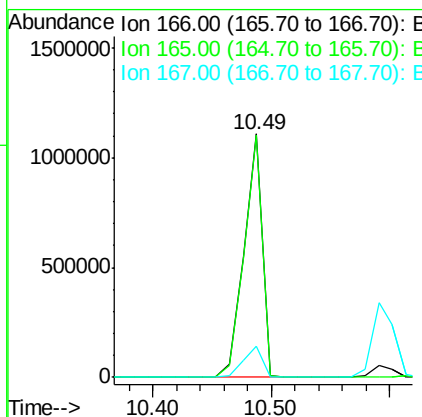
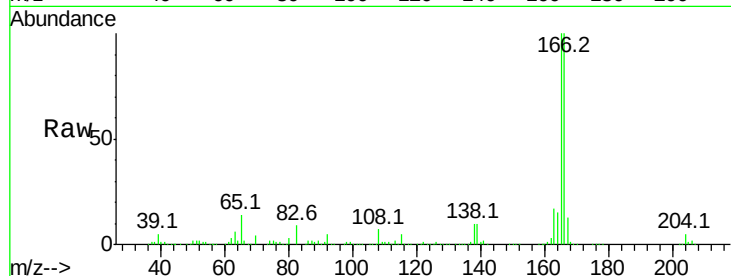
#57
 Fluorene
 Concen: 43.69 ng
 RT: 10.49 min Scan# 735
 Delta R.T. 0.00 min
 Lab File: BF086247.D
 Acq: 16 Apr 2016 6:32

Instrument :
 BNA_F
 ClientSampled :
 PB89866BS

Tot Ion	Ratio	Lower	Upper
166	100		
165	99.7	78.6	117.8
167	13.0	10.4	15.6

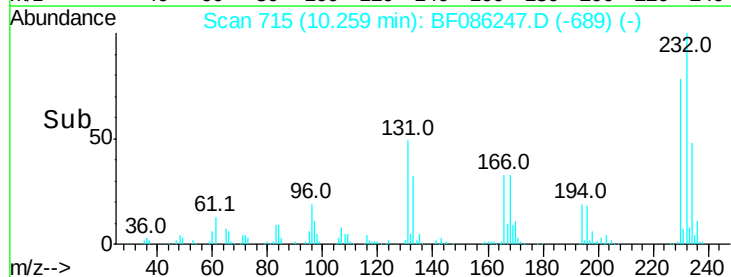
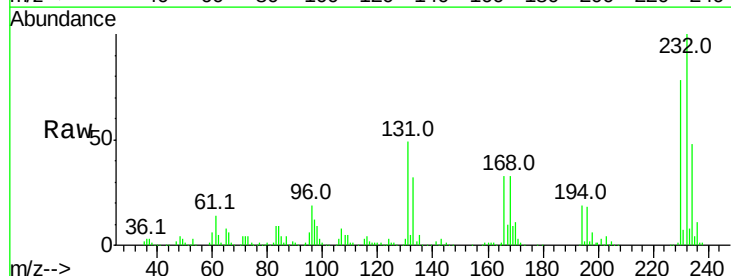
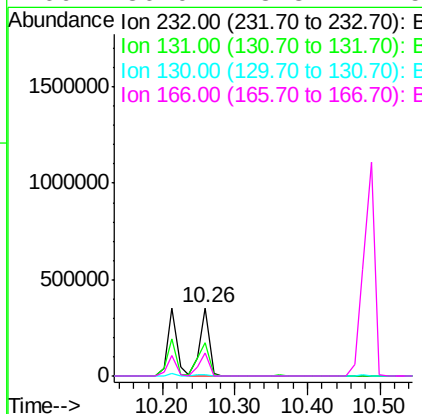
Manual Integrations
 APPROVED

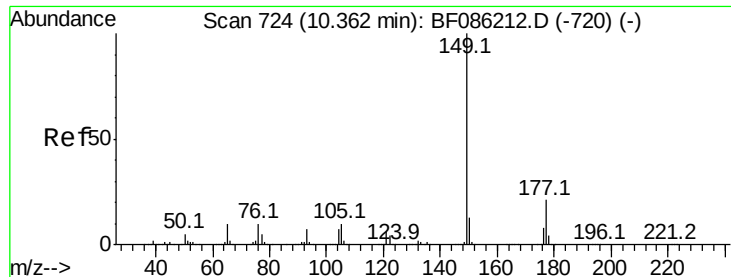
Sohil
 4/18/2016 7:31:03 PM



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 43.29 ng
 RT: 10.26 min Scan# 715
 Delta R.T. -0.00 min
 Lab File: BF086247.D
 Acq: 16 Apr 2016 6:32

Tgt Ion	Ratio	Lower	Upper
232	100		
131	58.6	46.6	70.0
130	3.1	2.5	3.7
166	36.0	28.3	42.5





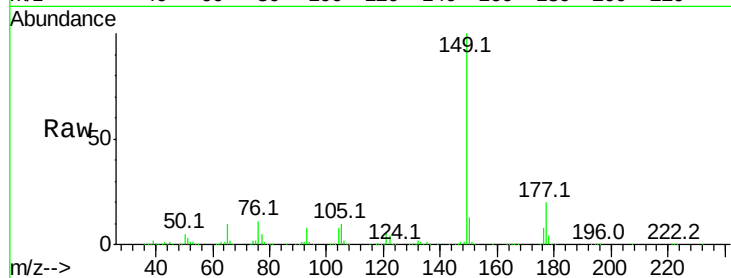
#59
Diethylphthalate
Concen: 36.15 ng
RT: 10.36 min Scan# 724
Delta R.T. -0.00 min
Lab File: BF086247.D
Acq: 16 Apr 2016 6:32

Instrument :
BNA_F
ClientSampleId :
PB89866BS

Tot Ion	Ratio	Lower	Upper
149	100		
177	20.4	17.0	25.6
150	12.9	10.2	15.4

Manual Integrations
APPROVED

Sohil
4/18/2016 7:31:03 PM

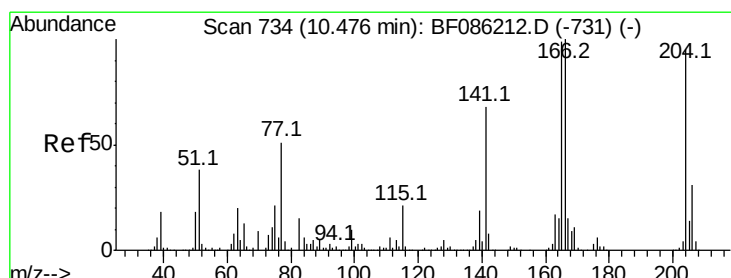
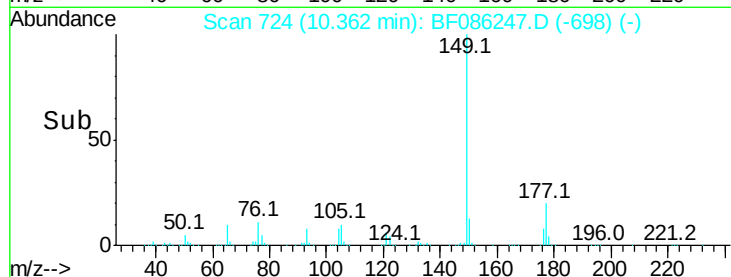
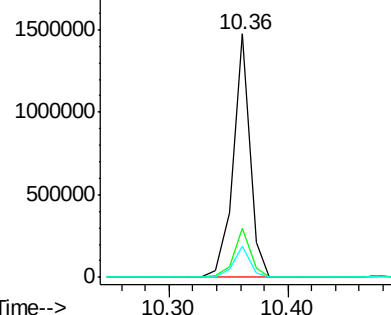


Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60
4-Chlorophenyl-phenylether
Concen: 42.77 ng
RT: 10.48 min Scan# 734
Delta R.T. 0.00 min
Lab File: BF086247.D
Acq: 16 Apr 2016 6:32

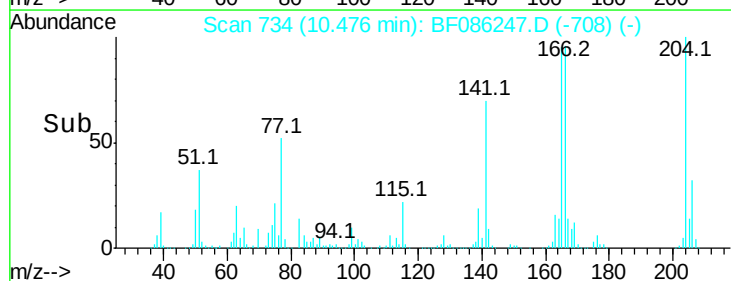
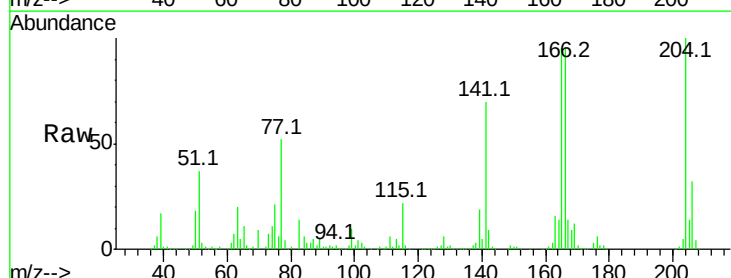
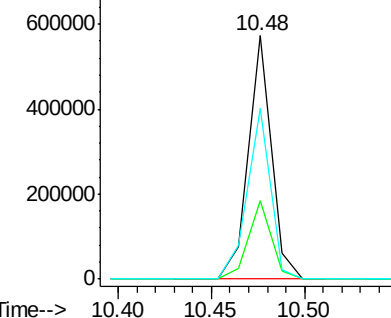
Tgt Ion	Ratio	Lower	Upper
204	100		
206	32.4	26.2	39.2
141	70.2	55.4	83.0

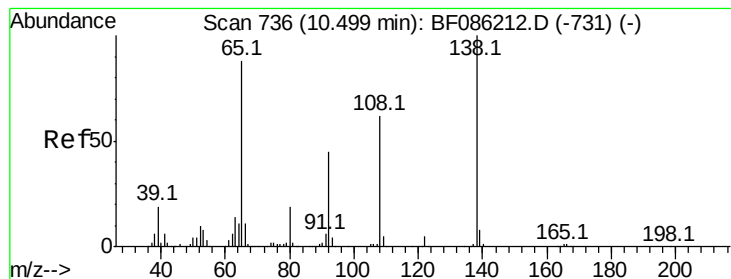
Abundance

Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 38.40 ng

RT: 10.50 min Scan# 736

Delta R.T. -0.00 min

Lab File: BF086247.D

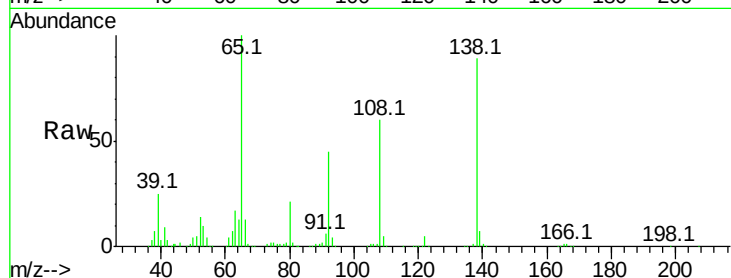
Acq: 16 Apr 2016 6:32

Instrument :

BNA_F

ClientSampled :

PB89866BS



Tot Ion:138 Resp: 348086

Ion Ratio Lower Upper

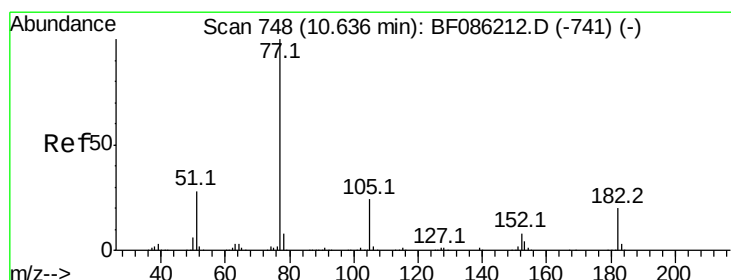
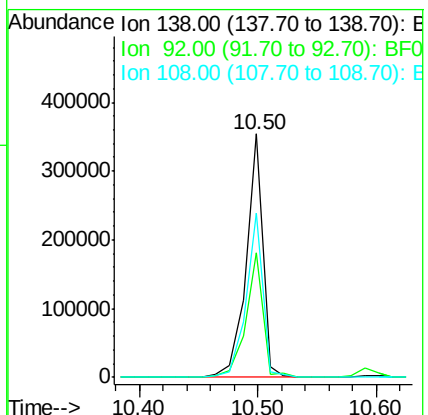
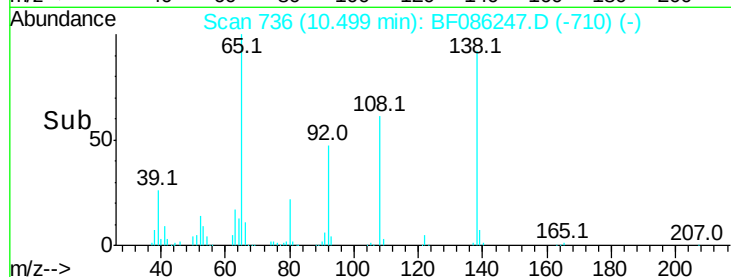
138 100

92 50.9 31.9 71.9

108 67.7 58.7 98.7

Manual Integrations
APPROVED

Sohil
4/18/2016 7:31:03 PM



#62

Azobenzene

Concen: 41.62 ng

RT: 10.64 min Scan# 748

Delta R.T. -0.00 min

Lab File: BF086247.D

Acq: 16 Apr 2016 6:32

Tgt Ion: 77 Resp: 1639664

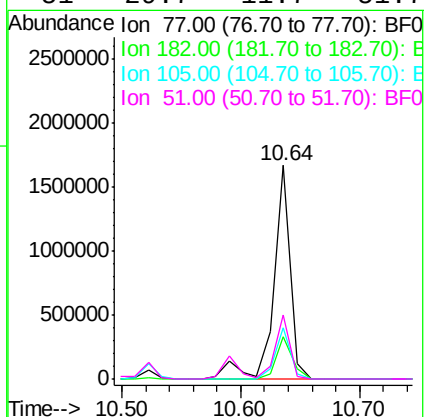
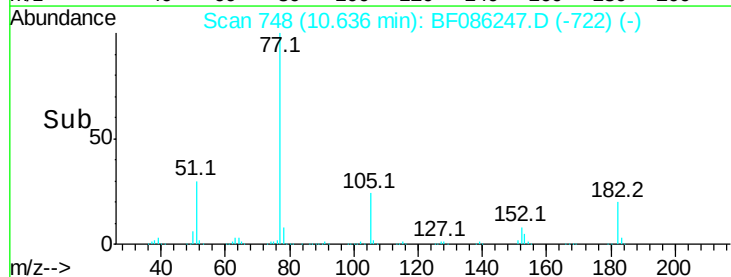
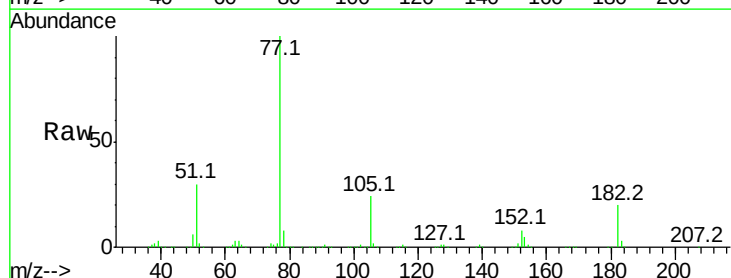
Ion Ratio Lower Upper

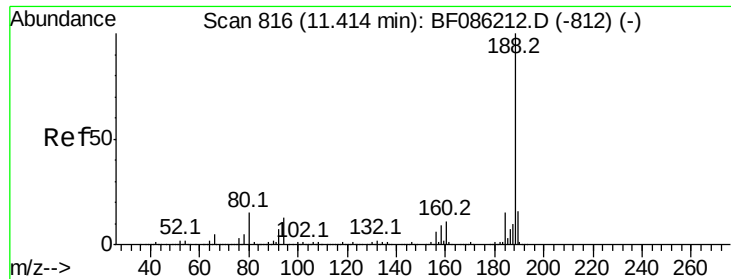
77 100

182 19.6 2.3 42.3

105 24.1 3.4 43.4

51 29.7 11.7 51.7





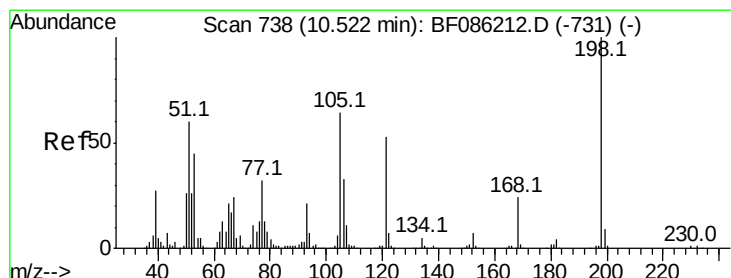
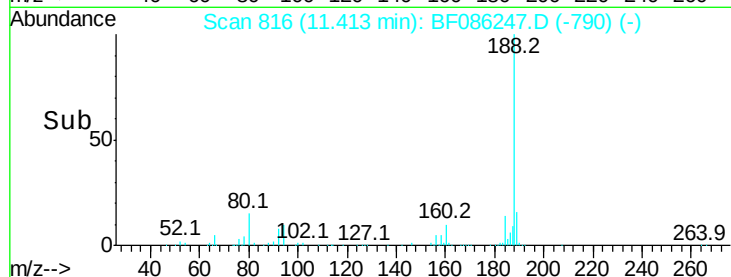
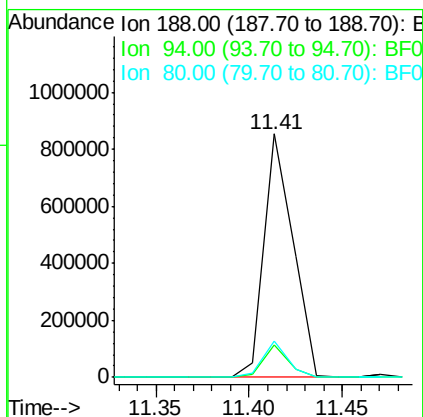
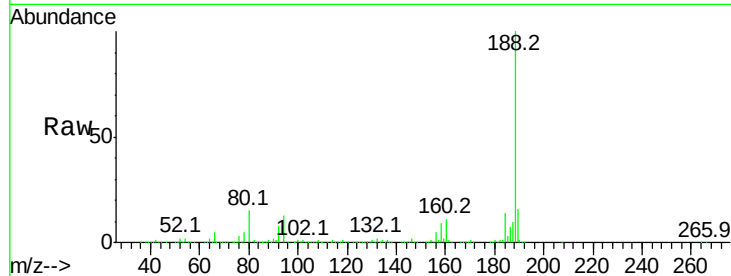
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.41 min Scan# 816
Delta R.T. -0.00 min
Lab File: BF086247.D
Acq: 16 Apr 2016 6:32

Instrument :
BNA_F
ClientSampled :
PB89866BS

Tot Ion	Ratio	Resp	Lower	Upper
188	100	915084		
94	13.1		9.8	14.8
80	15.2		10.5	15.7

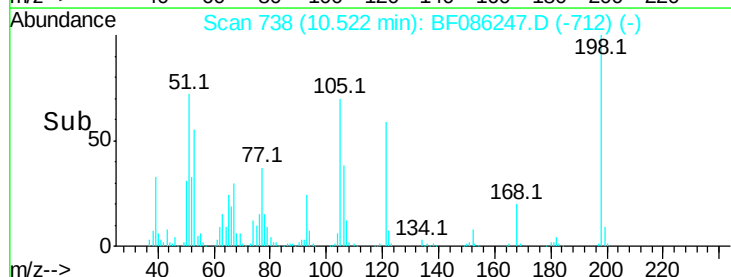
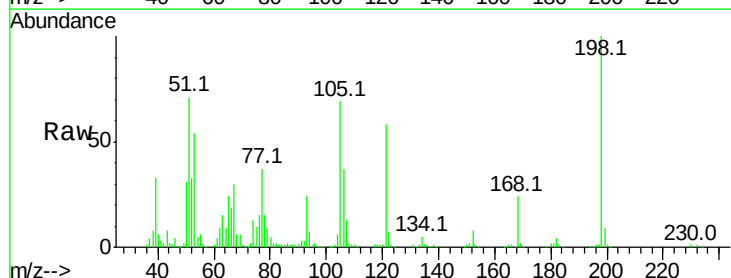
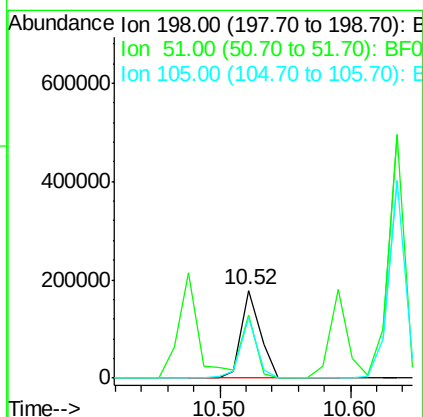
Manual Integrations
APPROVED

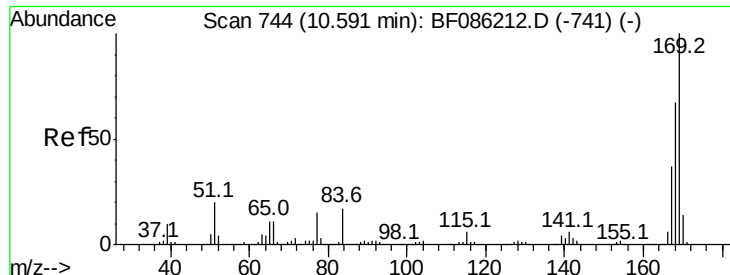
Sohil
4/18/2016 7:31:03 PM



#64
4,6-Dinitro-2-methylphenol
Concen: 41.59 ng
RT: 10.52 min Scan# 738
Delta R.T. -0.00 min
Lab File: BF086247.D
Acq: 16 Apr 2016 6:32

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	181116		
51	71.2		56.5	96.5
105	69.2		48.0	88.0





#65

n-Nitrosodiphenylamine

Concen: 40.61 ng

RT: 10.59 min Scan# 744

Delta R.T. -0.00 min

Lab File: BF086247.D

Acq: 16 Apr 2016 6:32

Instrument :

BNA_F

ClientSampleId :

PB89866BS

Tot Ion:169 Resp: 1138100

Ion Ratio Lower Upper

169 100

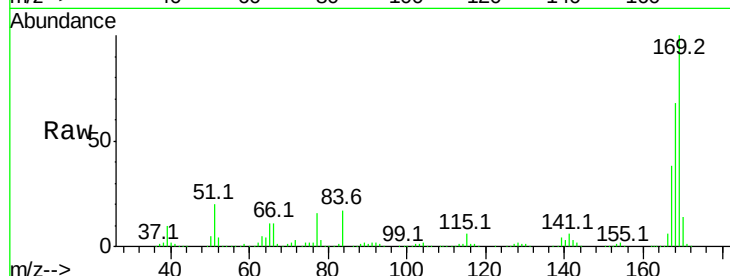
168 67.6 54.3 81.5

167 37.7 30.2 45.2

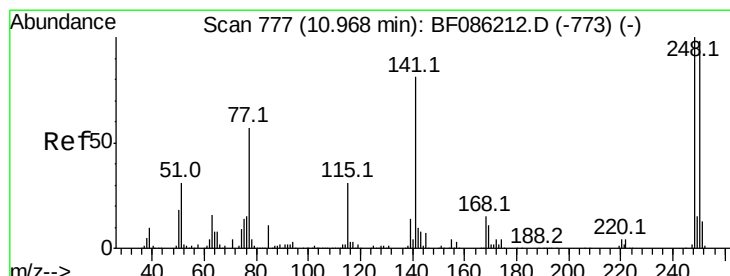
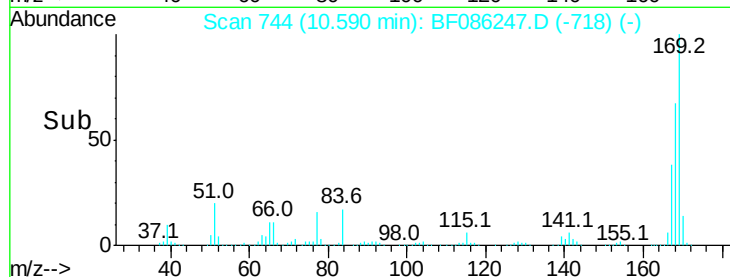
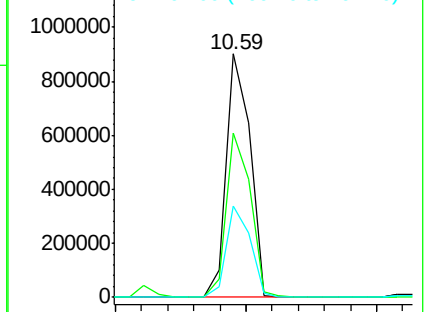
Manual Integrations
APPROVED

Sohil

4/18/2016 7:31:03 PM



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



#66

4-Bromophenyl-phenylether

Concen: 39.44 ng

RT: 10.97 min Scan# 777

Delta R.T. -0.00 min

Lab File: BF086247.D

Acq: 16 Apr 2016 6:32

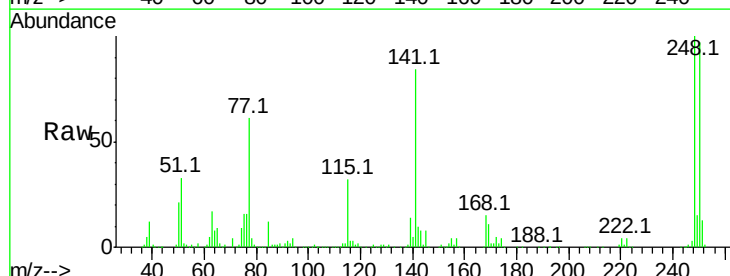
Tgt Ion:248 Resp: 336375

Ion Ratio Lower Upper

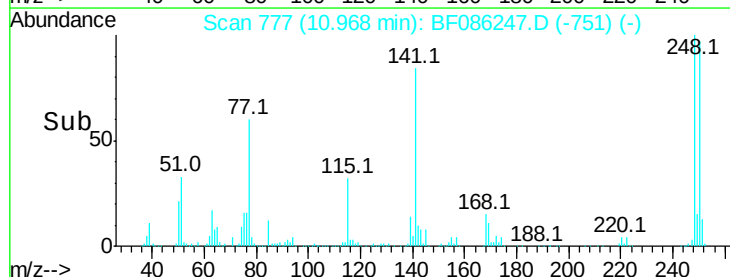
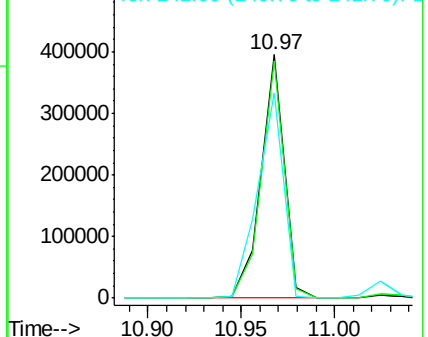
248 100

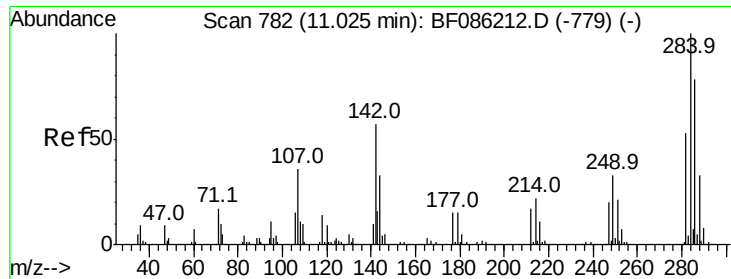
250 97.5 78.6 118.0

141 84.2 57.9 86.9



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





#67

Hexachlorobenzene

Concen: 40.73 ng

RT: 11.02 min Scan# 782

Delta R.T. 0.00 min

Lab File: BF086247.D

Acq: 16 Apr 2016 6:32

Instrument :

BNA_F

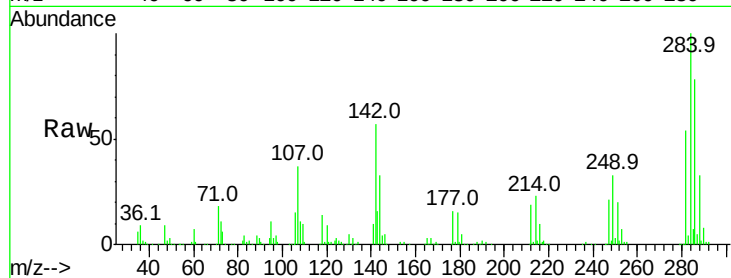
ClientSampleId :

PB89866BS

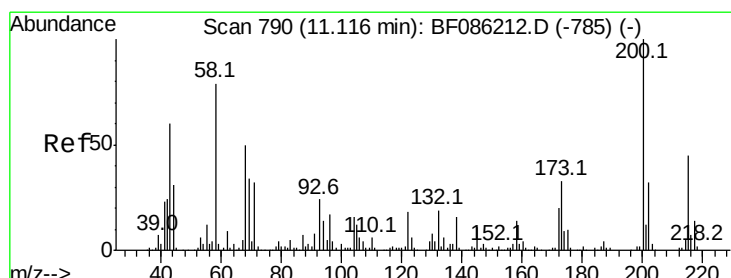
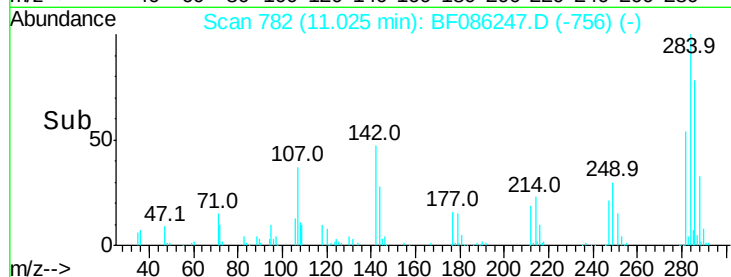
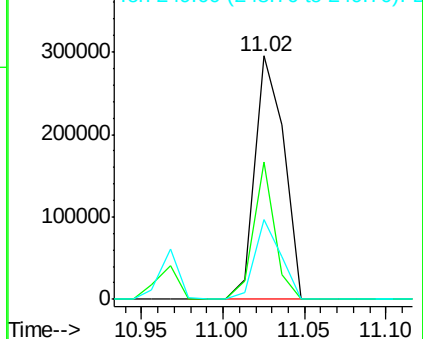
Tot Ion:	284	Resp:	364006
Ion Ratio	Lower	Upper	
284	100		
142	56.5	42.6	64.0
249	32.7	25.9	38.9

Manual Integrations
APPROVED

Sohil
4/18/2016 7:31:03 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: 44.57 ng

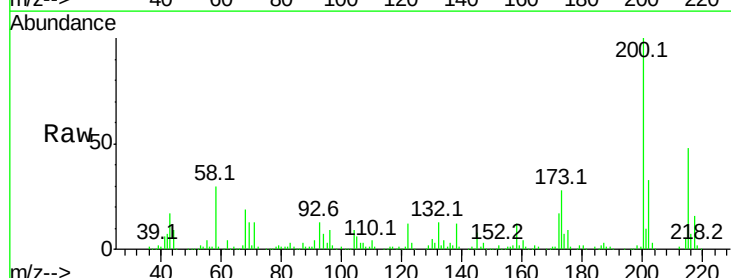
RT: 11.13 min Scan# 791

Delta R.T. 0.01 min

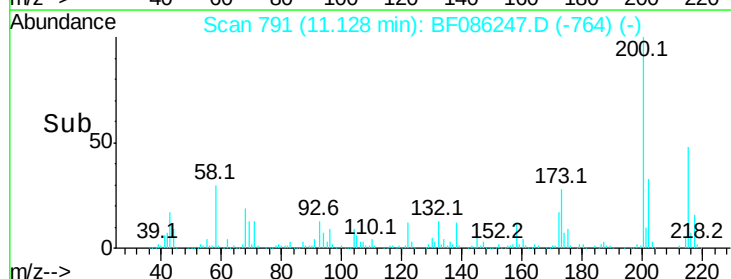
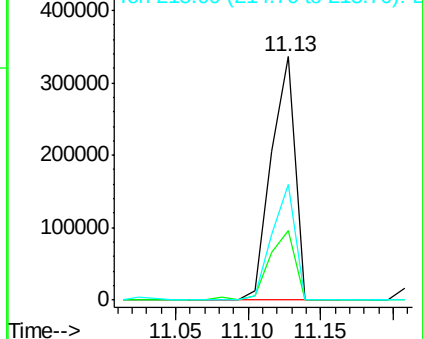
Lab File: BF086247.D

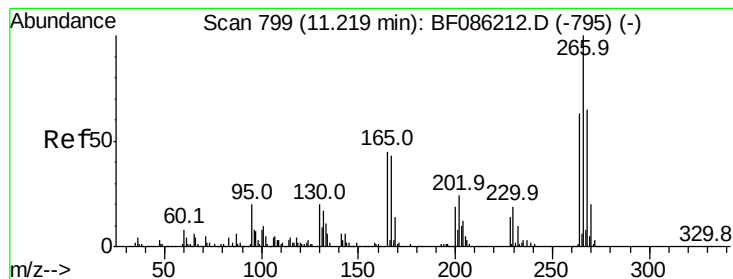
Acq: 16 Apr 2016 6:32

Tgt Ion:	200	Resp:	382781
Ion Ratio	Lower	Upper	
200	100		
173	28.3	11.2	51.2
215	47.6	24.0	64.0



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: 67.79 ng

RT: 11.22 min Scan# 799

Delta R.T. -0.00 min

Lab File: BF086247.D

Acq: 16 Apr 2016 6:32

Instrument :

BNA_F

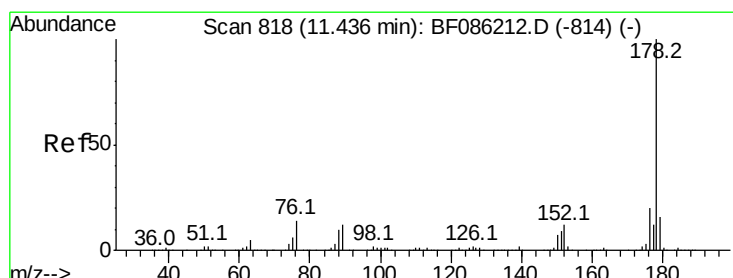
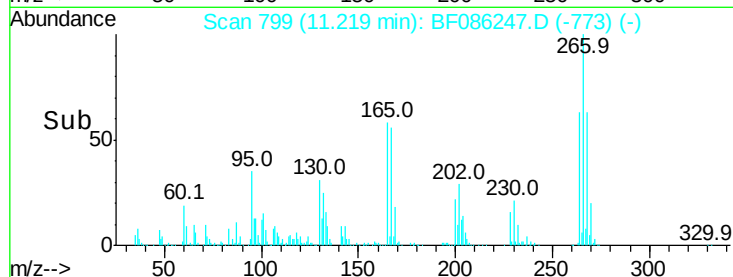
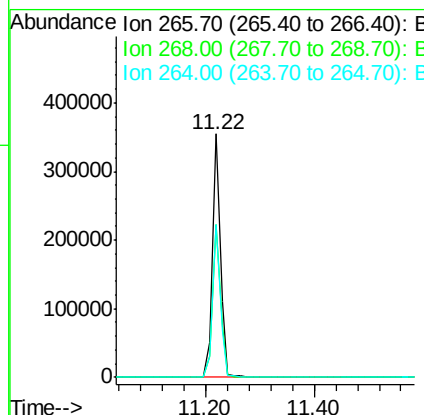
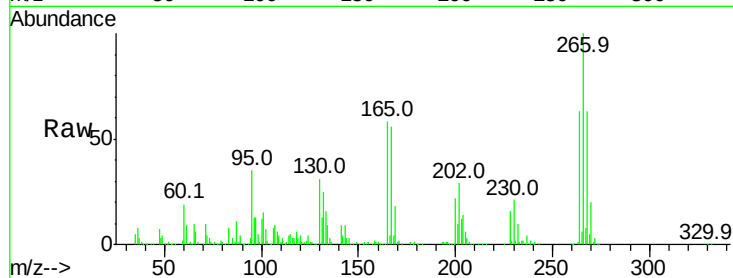
ClientSampleId :

PB89866BS

Tot Ion:	266	Resp:	367382
Ion Ratio		Lower	Upper
266	100		
268	62.8	53.0	79.4
264	63.0	51.3	76.9

Manual Integrations
APPROVED

Sohil
4/18/2016 7:31:03 PM



#70

Phenanthrene

Concen: 42.70 ng

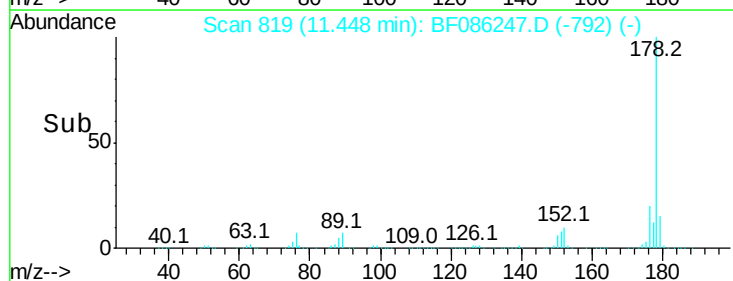
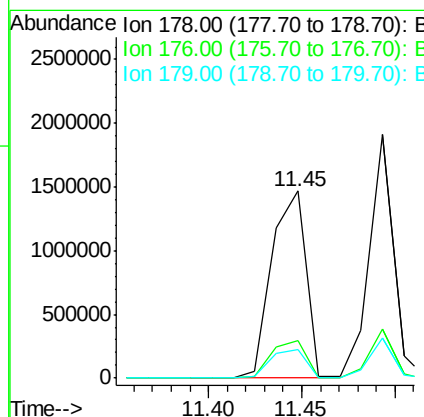
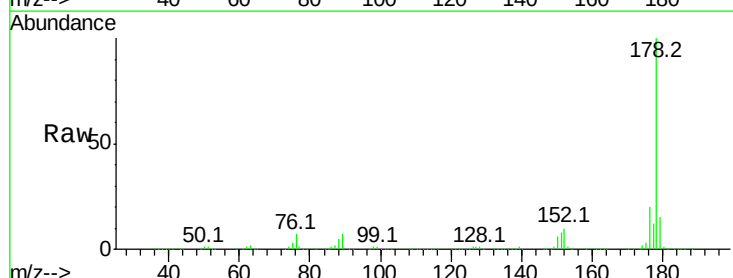
RT: 11.45 min Scan# 819

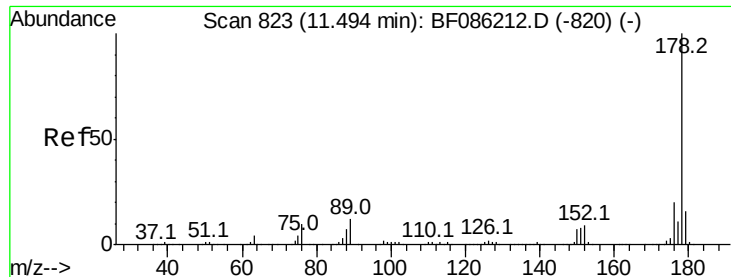
Delta R.T. 0.01 min

Lab File: BF086247.D

Acq: 16 Apr 2016 6:32

Tgt Ion:	178	Resp:	1866226
Ion Ratio		Lower	Upper
178	100		
176	20.2	16.3	24.5
179	15.4	13.0	19.6





#71
 Anthracene
 Concen: 39.37 ng
 RT: 11.49 min Scan# 823
 Delta R.T. 0.00 min
 Lab File: BF086247.D
 Acq: 16 Apr 2016 6:32

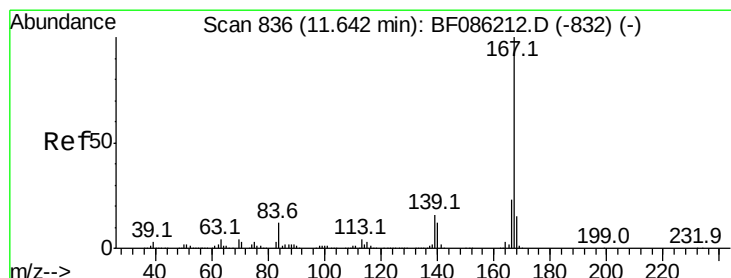
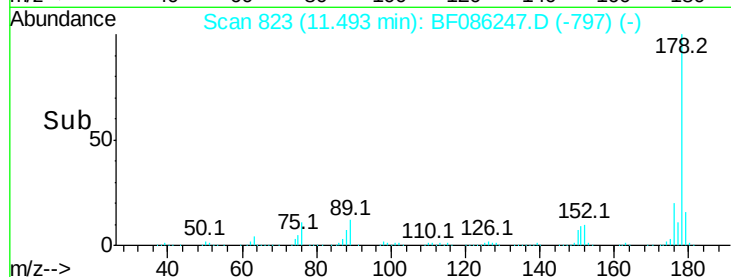
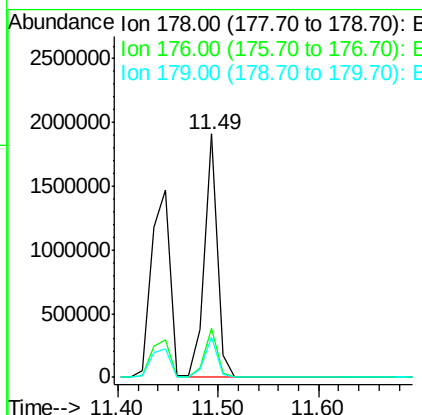
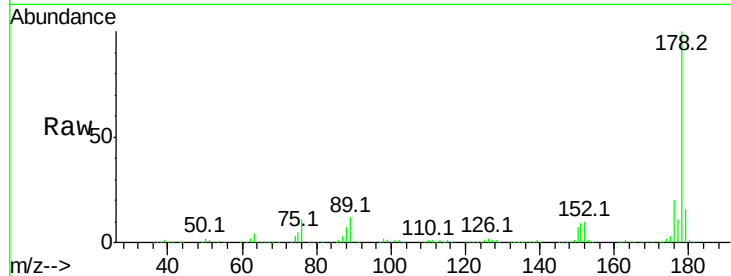
Instrument :
 BNA_F
 ClientSampleId :
 PB89866BS

Tot Ion:178 Resp: 1702923

Ion	Ratio	Lower	Upper
178	100		
176	20.2	16.2	24.4
179	16.3	13.2	19.8

Manual Integrations
 APPROVED

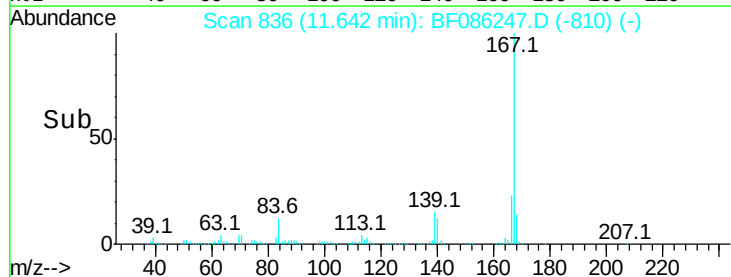
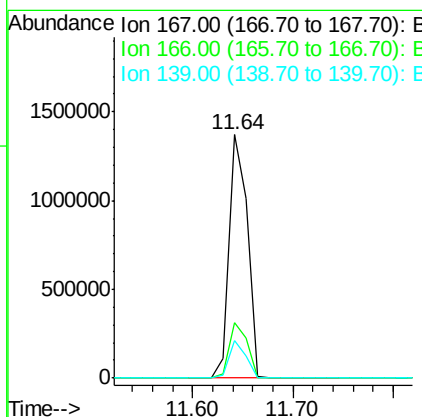
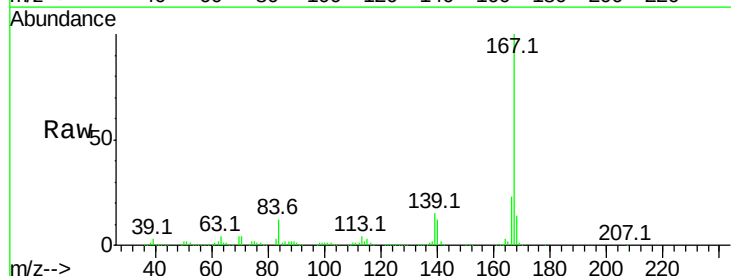
Sohil
 4/18/2016 7:31:03 PM

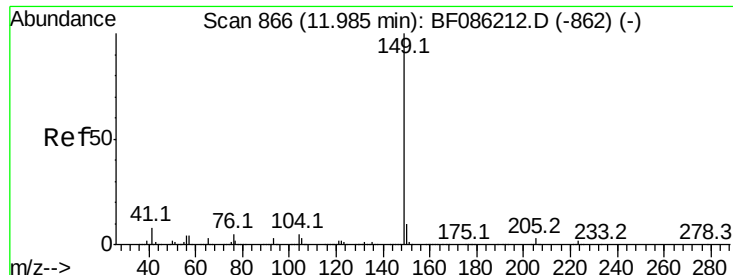


#72
 Carbazole
 Concen: 41.44 ng
 RT: 11.64 min Scan# 836
 Delta R.T. -0.00 min
 Lab File: BF086247.D
 Acq: 16 Apr 2016 6:32

Tgt Ion:167 Resp: 1722331

Ion	Ratio	Lower	Upper
167	100		
166	22.6	18.3	27.5
139	15.4	12.3	18.5





#73

Di-n-butylphthalate

Concen: 37.59 ng

RT: 11.98 min Scan# 866

Delta R.T. -0.00 min

Lab File: BF086247.D

Acq: 16 Apr 2016 6:32

Instrument :

BNA_F

ClientSampleId :

PB89866BS

Tot Ion:149 Resp: 2112666

Ion Ratio Lower Upper

149 100

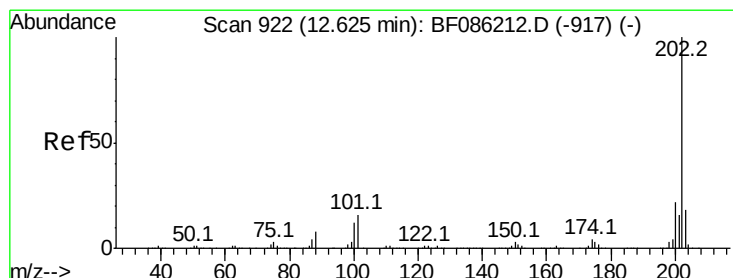
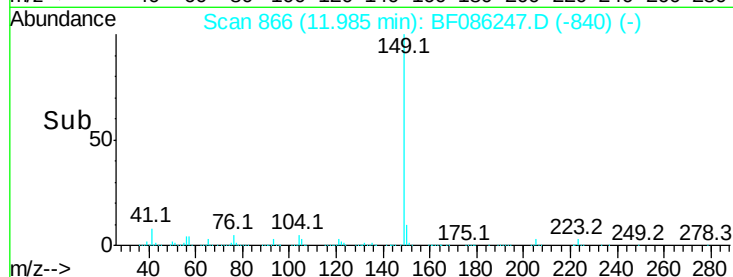
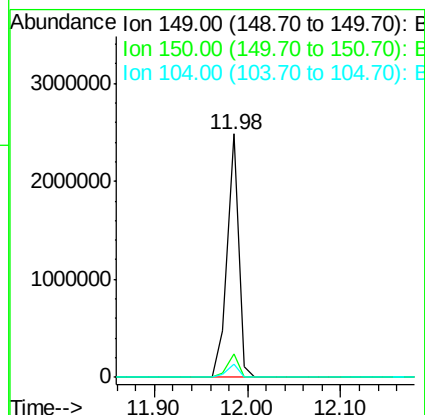
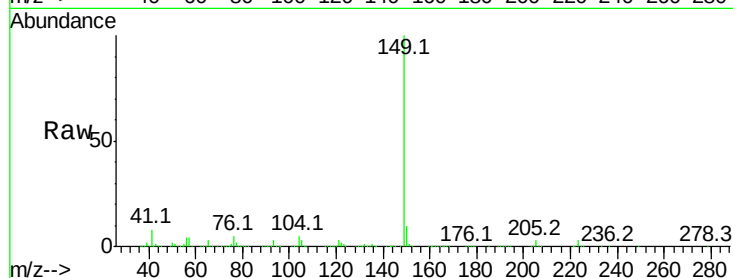
150 9.8 7.8 11.8

104 5.3 4.1 6.1

Manual Integrations
APPROVED

Sohil

4/18/2016 7:31:03 PM



#74

Fluoranthene

Concen: 42.78 ng

RT: 12.62 min Scan# 922

Delta R.T. -0.00 min

Lab File: BF086247.D

Acq: 16 Apr 2016 6:32

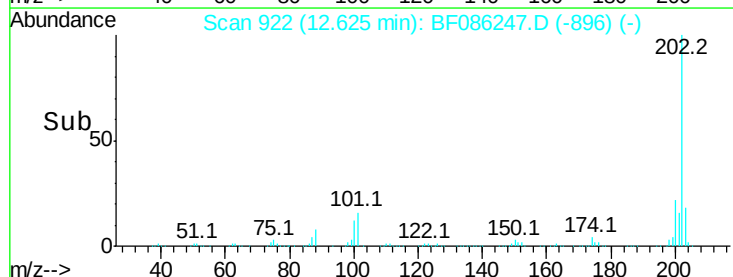
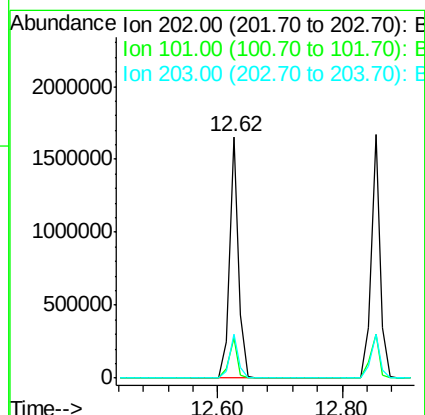
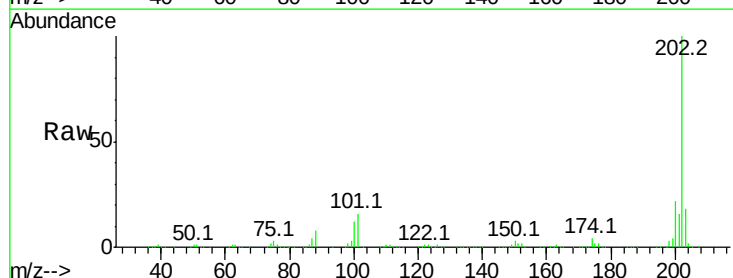
Tgt Ion:202 Resp: 1619940

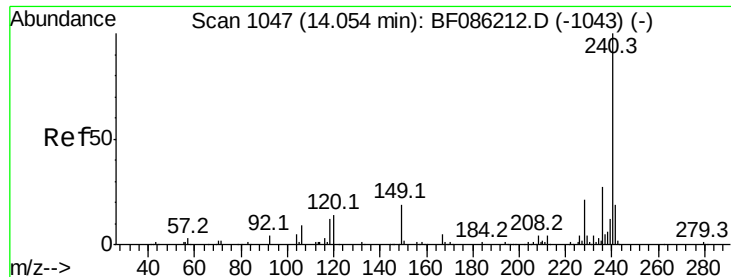
Ion Ratio Lower Upper

202 100

101 16.4 0.0 35.2

203 18.4 0.0 38.2





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.05 min Scan# 1047

Delta R.T. -0.00 min

Lab File: BF086247.D

Acq: 16 Apr 2016 6:32

Instrument :

BNA_F

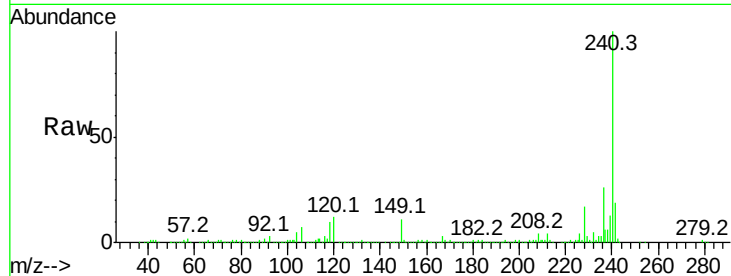
ClientSampleId :

PB89866BS

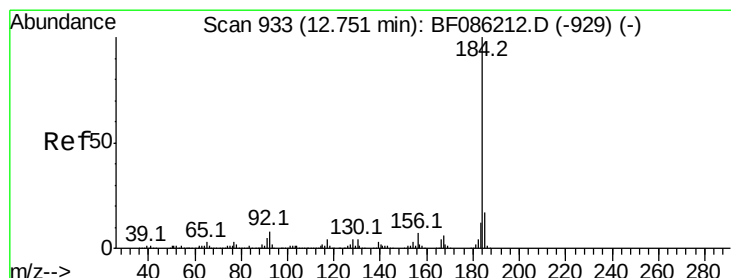
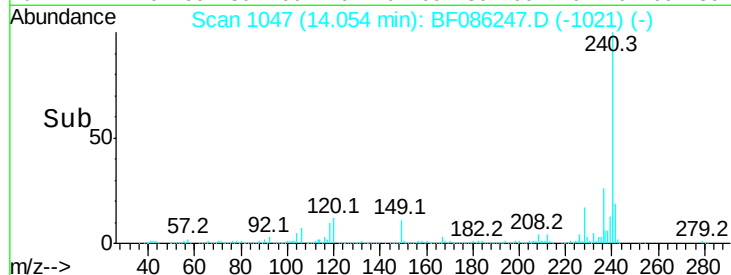
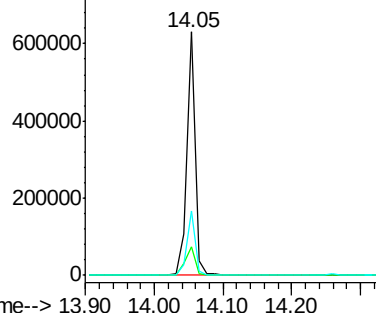
Tot Ion:	240	Resp:	542625
Ion Ratio		Lower	Upper
240	100		
120	11.6	9.3	13.9
236	26.4	21.1	31.7

Manual Integrations
APPROVED

Sohil
4/18/2016 7:31:03 PM



Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 24.93 ng

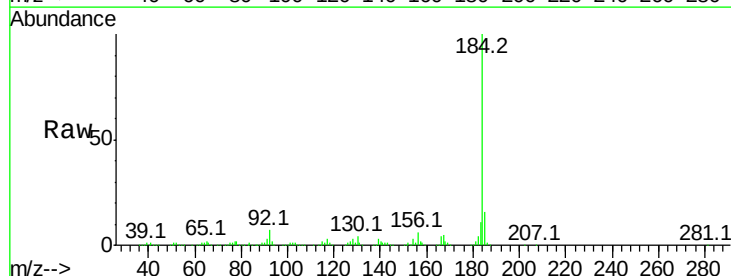
RT: 12.75 min Scan# 933

Delta R.T. -0.00 min

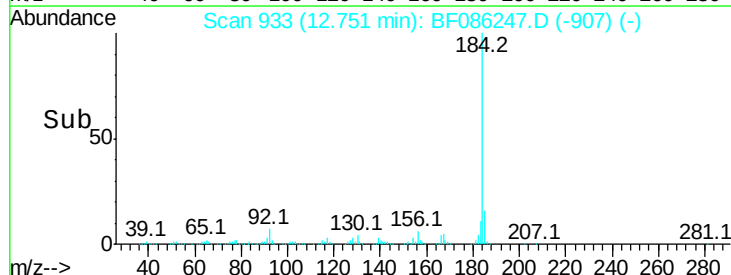
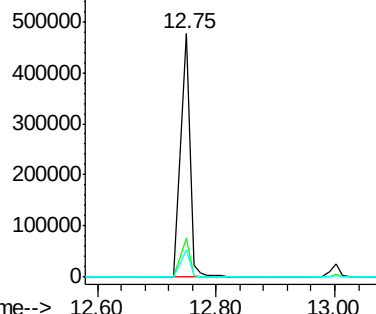
Lab File: BF086247.D

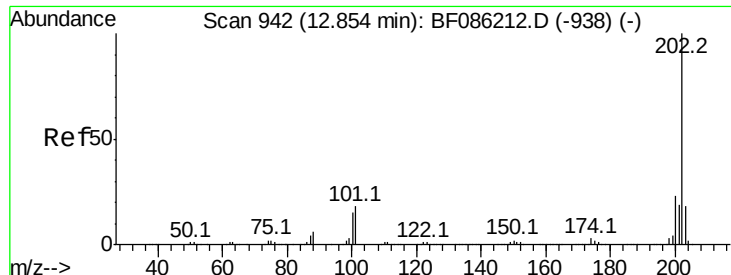
Acq: 16 Apr 2016 6:32

Tgt Ion:	184	Resp:	524838
Ion Ratio		Lower	Upper
184	100		
185	15.7	14.2	21.2
183	11.3	9.8	14.6



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 39.15 ng

RT: 12.85 min Scan# 942

Delta R.T. -0.00 min

Lab File: BF086247.D

Acq: 16 Apr 2016 6:32

Instrument :

BNA_F

ClientSampleId :

PB89866BS

Tot Ion:202 Resp: 1629690

Ion Ratio Lower Upper

202 100

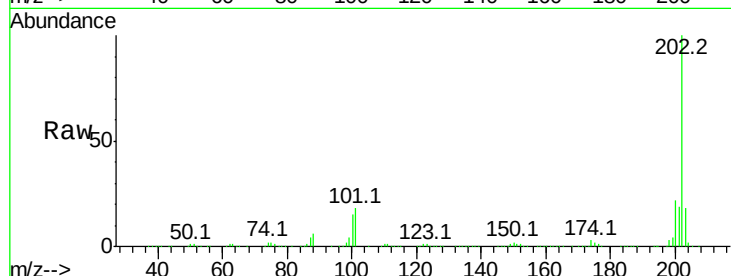
200 22.2 18.3 27.5

203 17.9 14.9 22.3

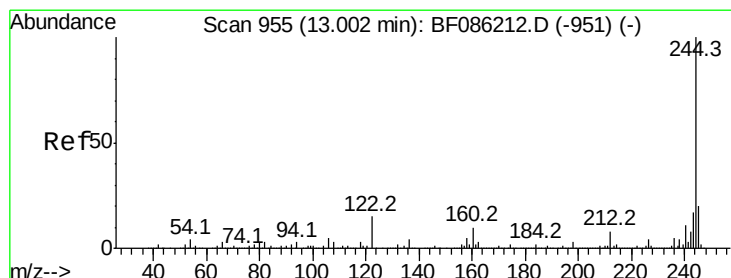
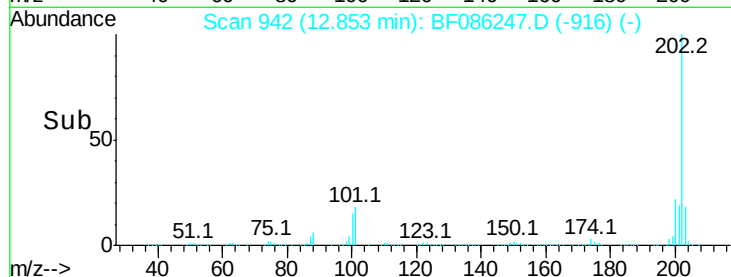
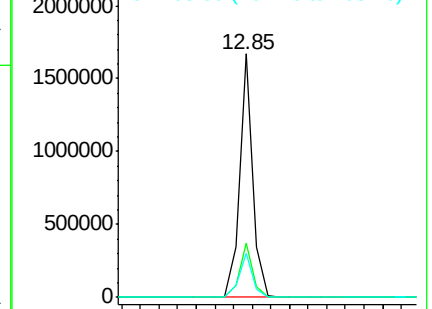
Manual Integrations
APPROVED

Sohil

4/18/2016 7:31:03 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: 78.48 ng

RT: 13.00 min Scan# 955

Delta R.T. 0.00 min

Lab File: BF086247.D

Acq: 16 Apr 2016 6:32

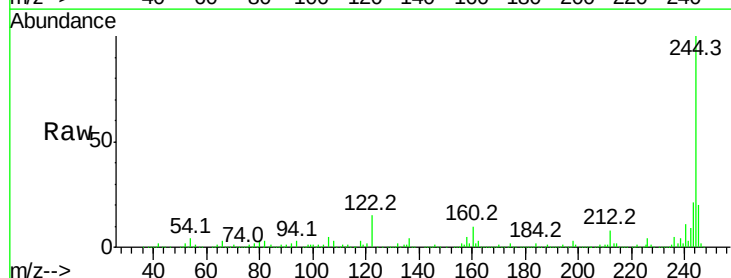
Tgt Ion:244 Resp: 1693526

Ion Ratio Lower Upper

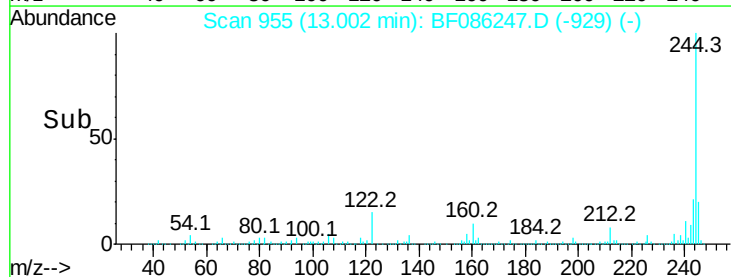
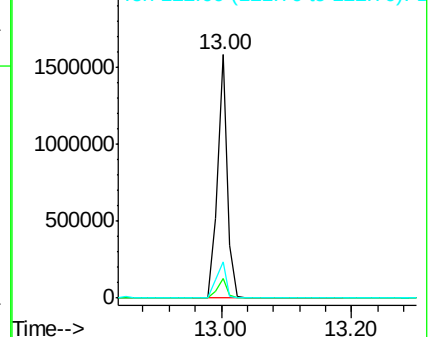
244 100

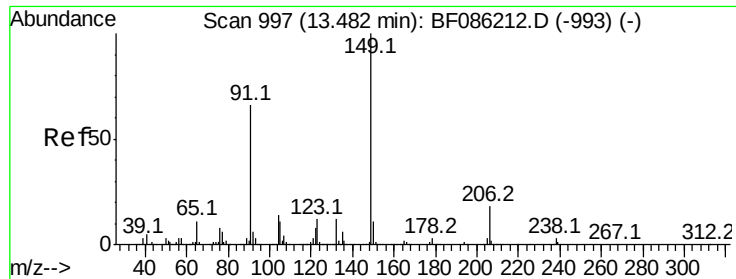
212 7.9 6.4 9.6

122 15.2 11.7 17.5



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





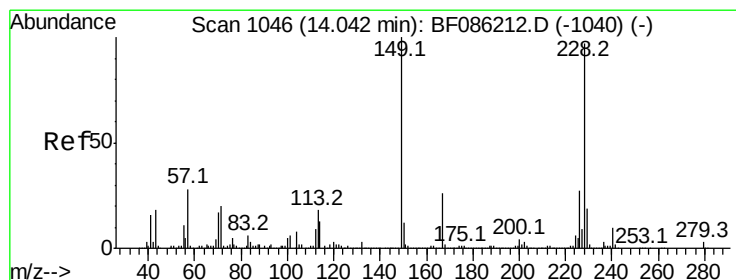
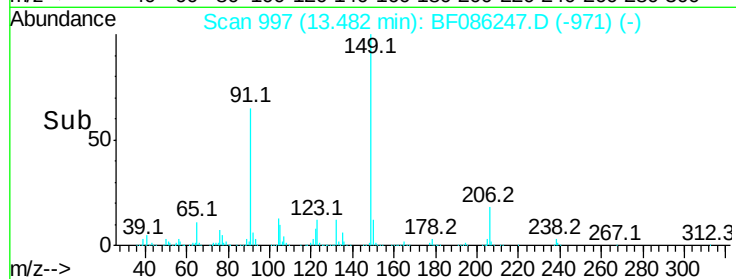
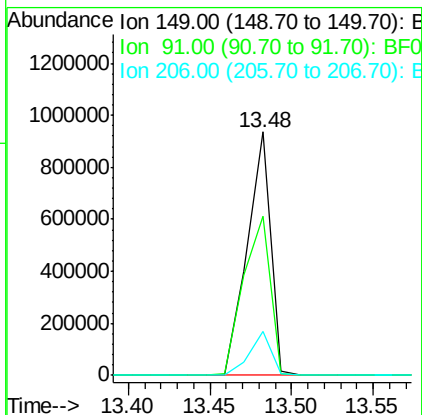
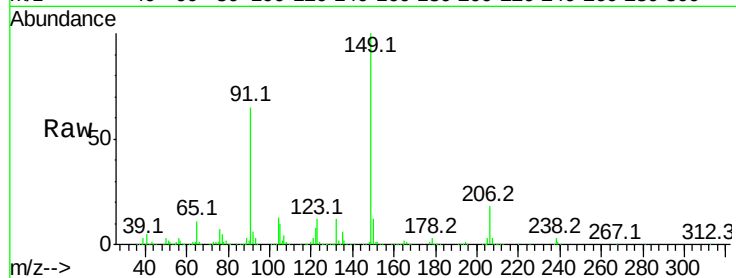
#79
Butylbenzylphthalate
Concen: 48.51 ng
RT: 13.48 min Scan# 997
Delta R.T. -0.00 min
Lab File: BF086247.D
Acq: 16 Apr 2016 6:32

Instrument :
BNA_F
ClientSampleId :
PB89866BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	932809		
91	65.1	48.7	73.1	
206	18.2	15.7	23.5	

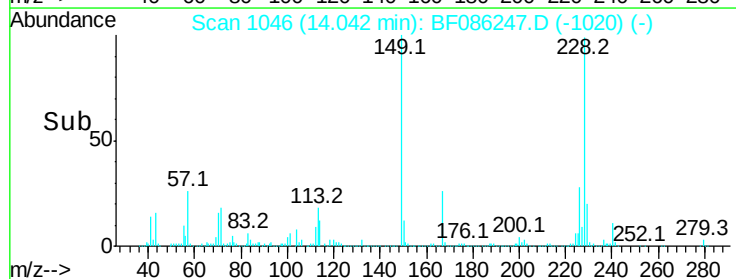
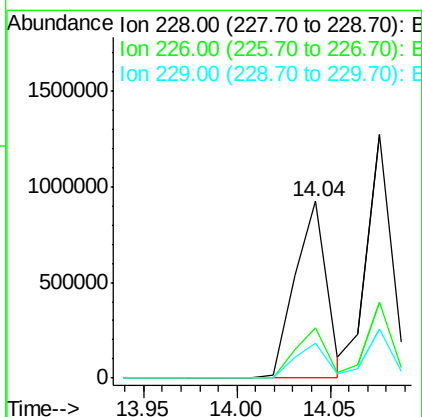
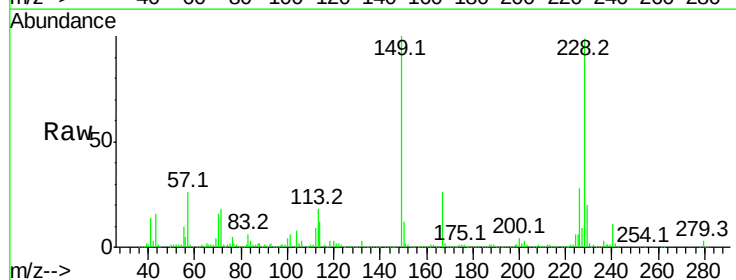
Manual Integrations
APPROVED

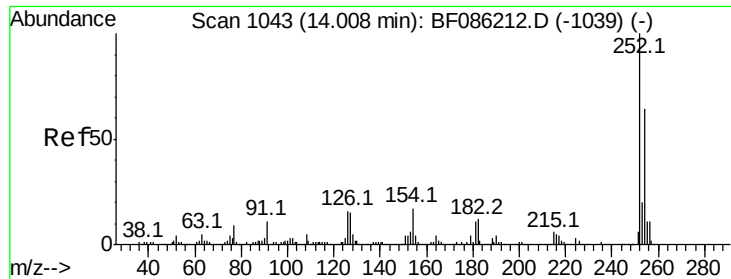
Sohil
4/18/2016 7:31:03 PM



#80
Benzo(a)anthracene
Concen: 36.60 ng
RT: 14.04 min Scan# 1046
Delta R.T. -0.00 min
Lab File: BF086247.D
Acq: 16 Apr 2016 6:32

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	1090138		
226	28.3	22.5	33.7	
229	19.9	16.2	24.2	





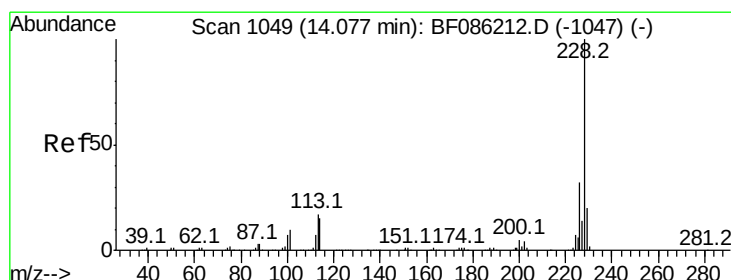
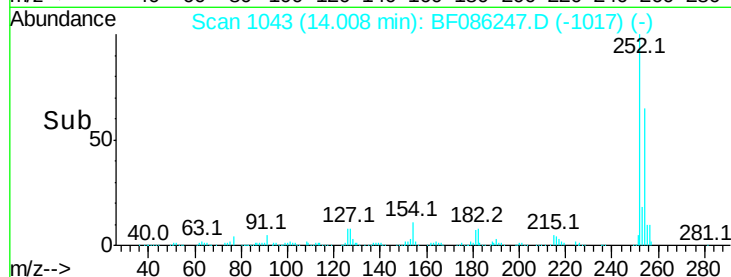
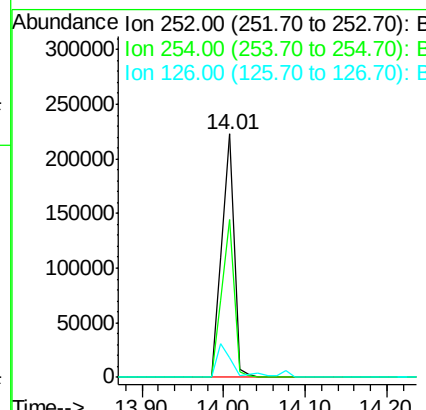
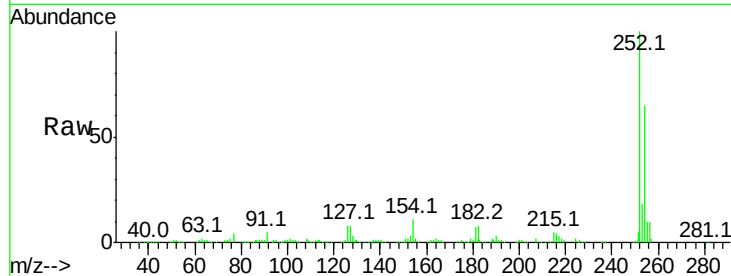
#81
 3,3'-Dichlorobenzidine
 Concen: 13.75 ng
 RT: 14.01 min Scan# 1043
 Delta R.T. -0.00 min
 Lab File: BF086247.D
 Acq: 16 Apr 2016 6:32

Instrument :
 BNA_F
 ClientSampleId :
 PB89866BS

Tot Ion	Ratio	Resp Lower	Upper
252	100		
254	64.7	52.1	78.1
126	8.3	13.2	19.8

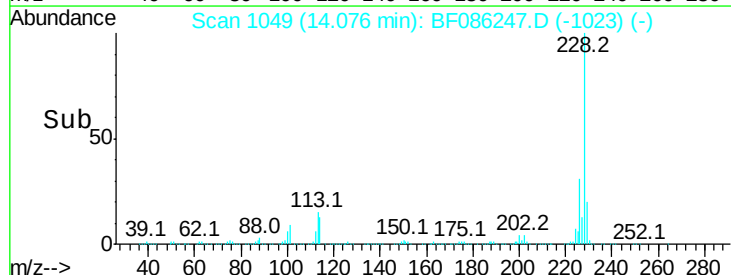
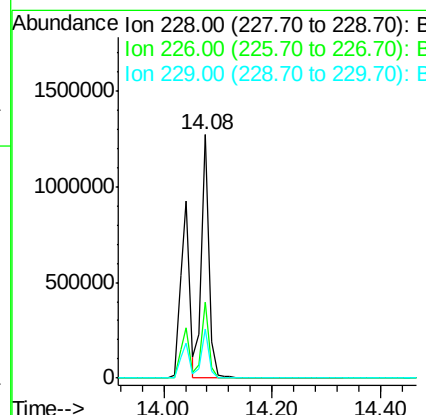
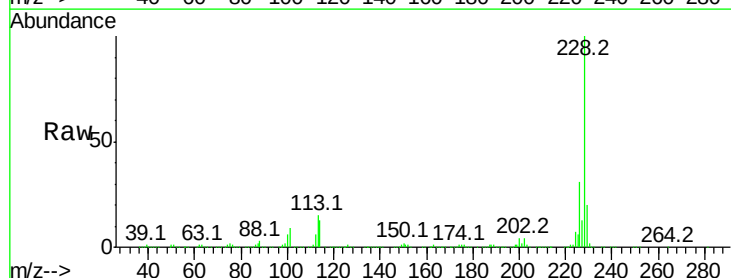
Manual Integrations
 APPROVED

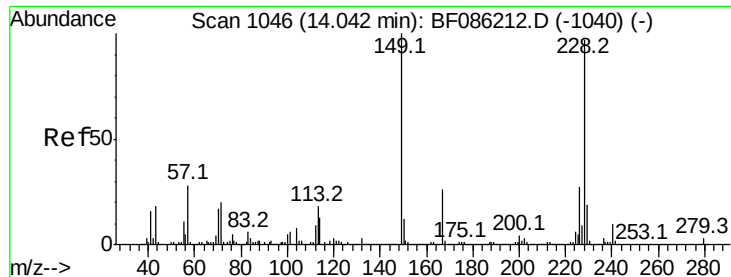
Sohil
 4/18/2016 7:31:03 PM



#82
 Chrysene
 Concen: 37.70 ng
 RT: 14.08 min Scan# 1049
 Delta R.T. -0.00 min
 Lab File: BF086247.D
 Acq: 16 Apr 2016 6:32

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
226	31.4	25.4	38.2
229	20.1	16.5	24.7





#83

Bis(2-ethylhexyl)phthalate

Concen: 42.35 ng

RT: 14.04 min Scan# 1046

Delta R.T. -0.00 min

Lab File: BF086247.D

Acq: 16 Apr 2016 6:32

Instrument :

BNA_F

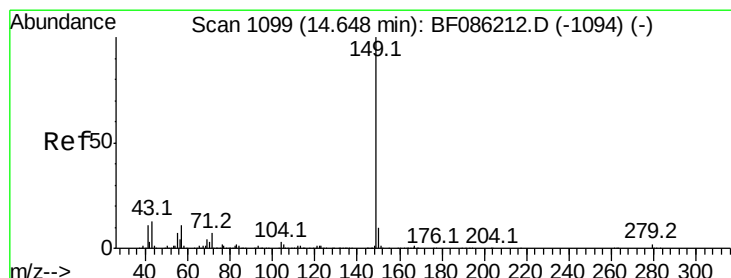
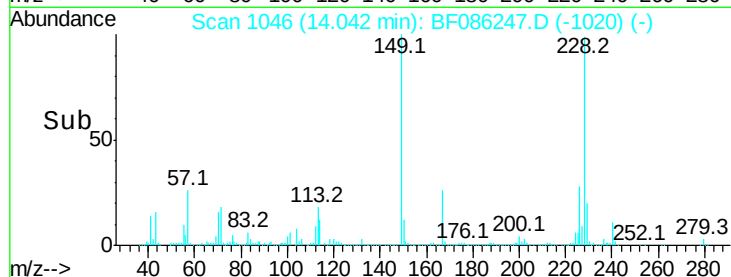
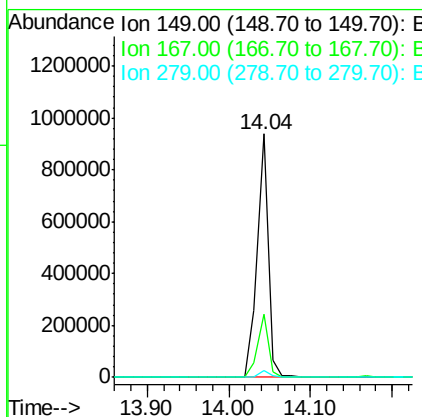
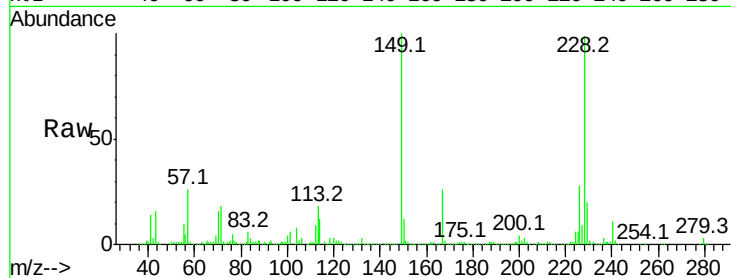
ClientSampleId :

PB89866BS

Tot Ion:	149	Resp:	879384
Ion Ratio	Lower	Upper	
149	100		
167	25.7	21.0	31.4
279	2.8	2.4	3.6

Manual Integrations
APPROVED

Sohil
4/18/2016 7:31:03 PM



#84

Di-n-octyl phthalate

Concen: 40.42 ng

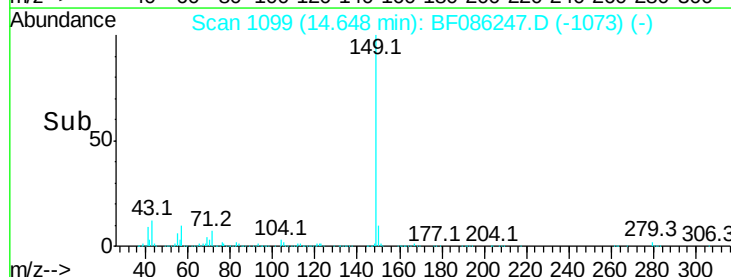
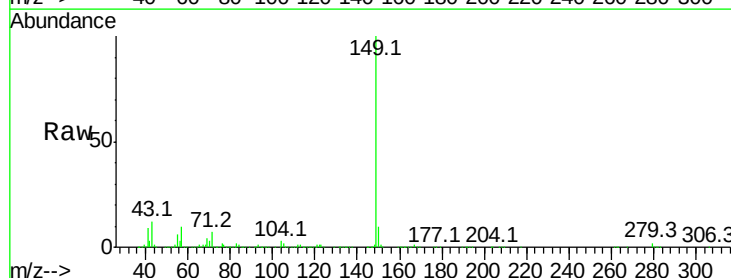
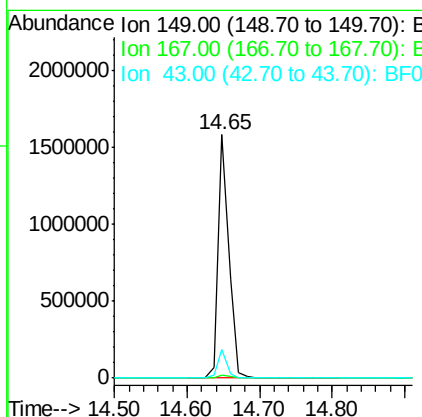
RT: 14.65 min Scan# 1099

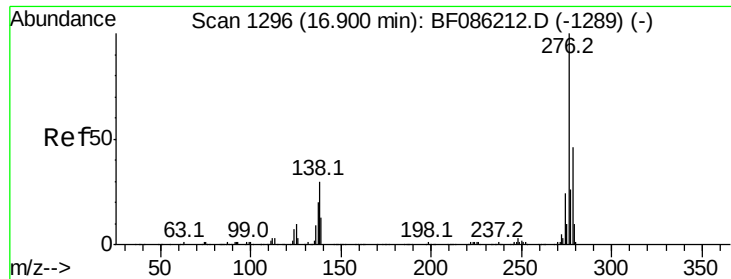
Delta R.T. -0.00 min

Lab File: BF086247.D

Acq: 16 Apr 2016 6:32

Tgt Ion:	149	Resp:	1617881
Ion Ratio	Lower	Upper	
149	100		
167	1.4	1.1	1.7
43	10.2	9.1	13.7





#85

Indeno(1,2,3-cd)pyrene

Concen: 48.51 ng

RT: 16.90 min Scan# 1296

Delta R.T. -0.00 min

Lab File: BF086247.D

Acq: 16 Apr 2016 6:32

Instrument :

BNA_F

ClientSampleId :

PB89866BS

Tot Ion:276 Resp: 1266472

Ion Ratio Lower Upper

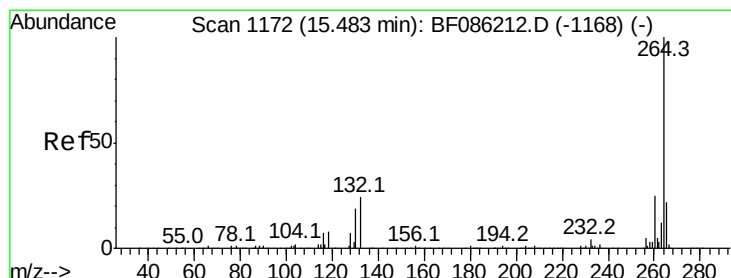
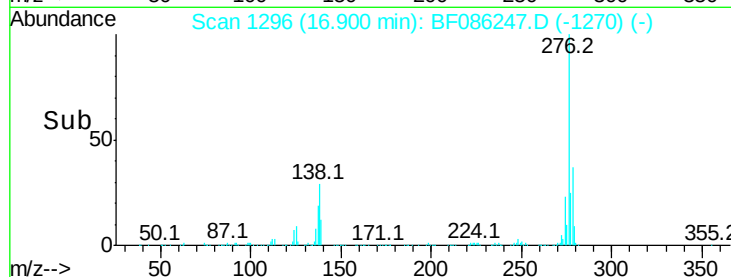
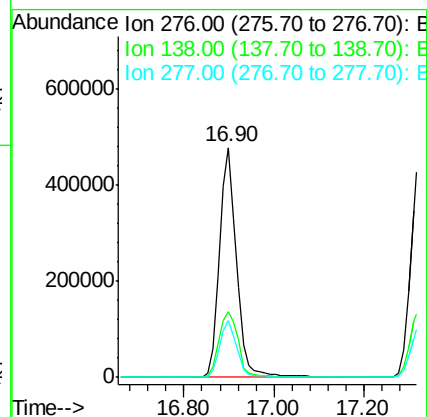
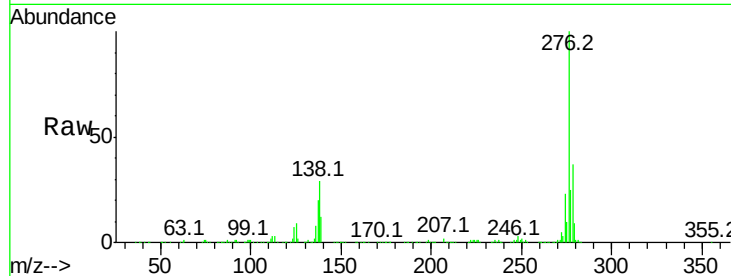
276 100

138 32.6 23.8 35.6

277 25.1 20.2 30.2

Manual Integrations
APPROVED

Sohil
4/18/2016 7:31:03 PM



#86

Perylene-d12

Concen: 20.00 ng

RT: 15.48 min Scan# 1172

Delta R.T. -0.00 min

Lab File: BF086247.D

Acq: 16 Apr 2016 6:32

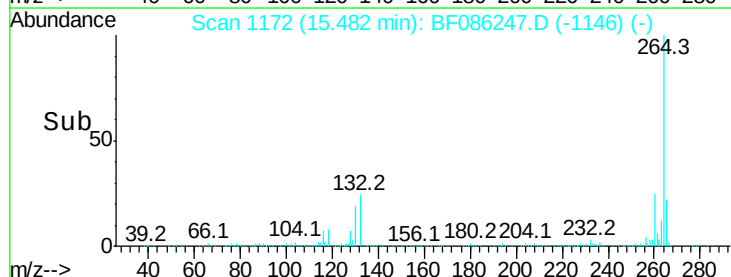
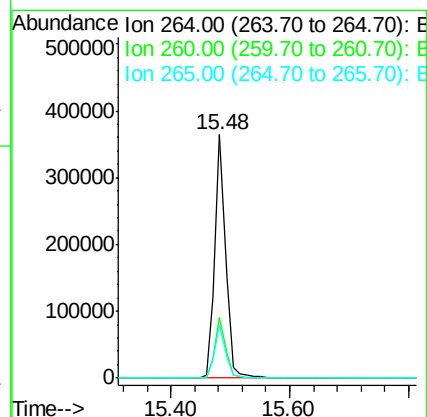
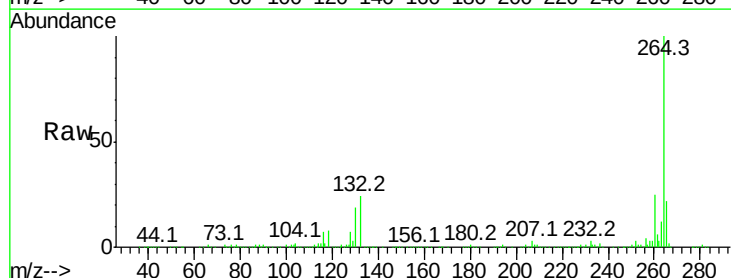
Tgt Ion:264 Resp: 467546

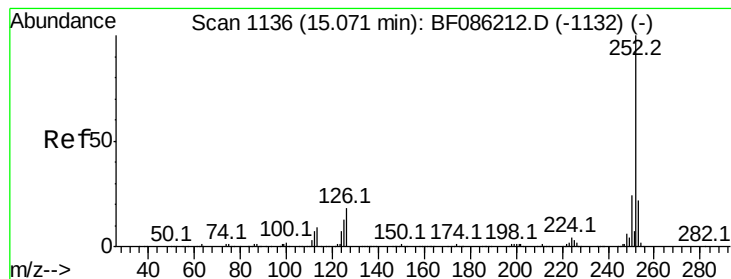
Ion Ratio Lower Upper

264 100

260 24.7 20.0 30.0

265 22.0 17.4 26.0





#87

Benzo(b)fluoranthene

Concen: 36.48 ng

RT: 15.07 min Scan# 1136

Delta R.T. -0.00 min

Lab File: BF086247.D

Acq: 16 Apr 2016 6:32

Instrument :

BNA_F

ClientSampleId :

PB89866BS

Tot Ion:252 Resp: 1052263

Ion Ratio Lower Upper

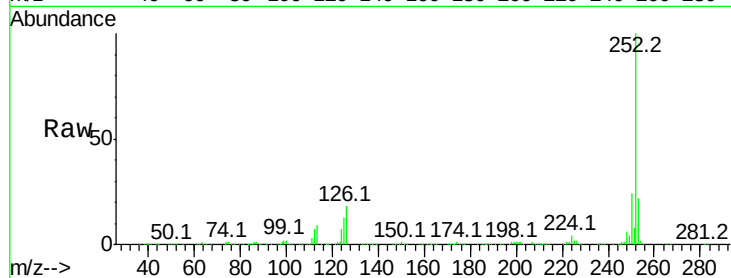
252 100

253 21.8 17.7 26.5

125 13.2 10.3 15.5

Manual Integrations
APPROVED

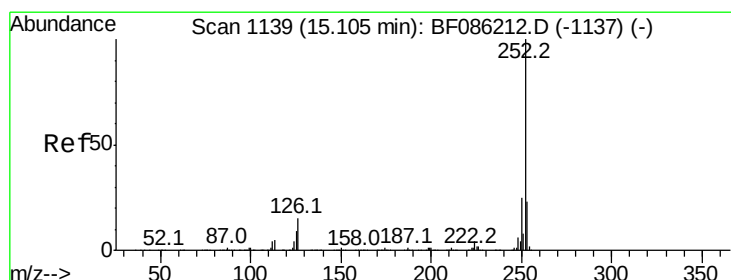
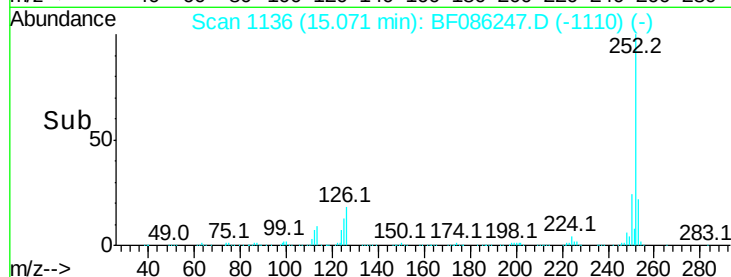
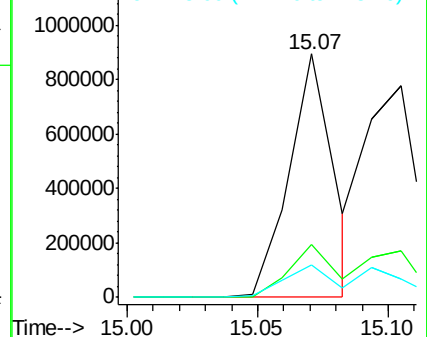
Sohil
4/18/2016 7:31:03 PM



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 40.60 ng m

RT: 15.11 min Scan# 1139

Delta R.T. -0.00 min

Lab File: BF086247.D

Acq: 16 Apr 2016 6:32

Tgt Ion:252 Resp: 1067853

Ion Ratio Lower Upper

252 100

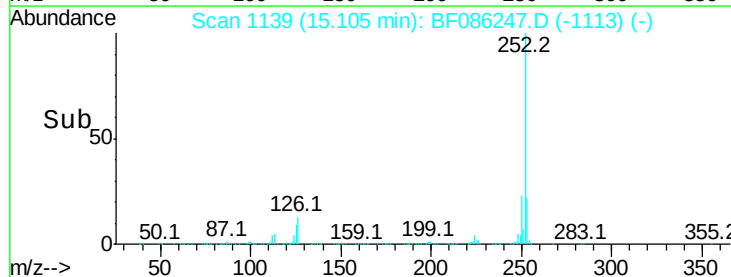
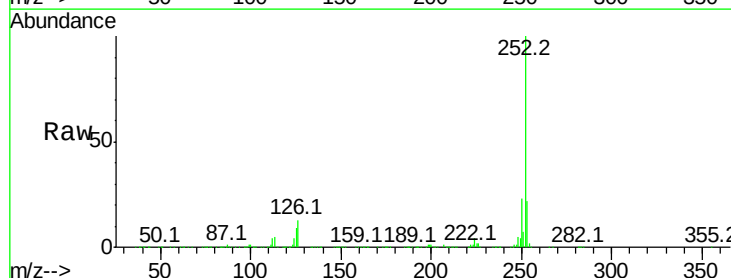
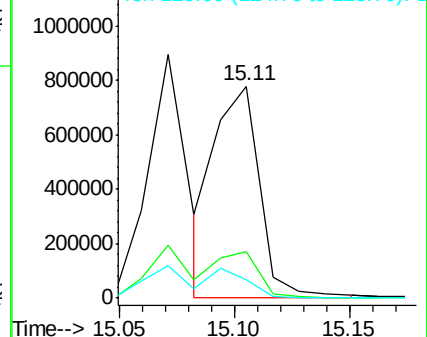
253 21.9 17.5 26.3

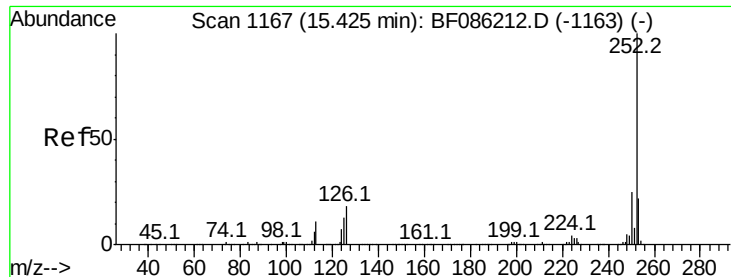
125 8.9 7.8 11.6

Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





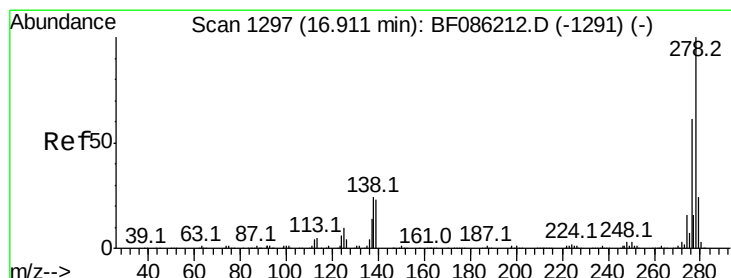
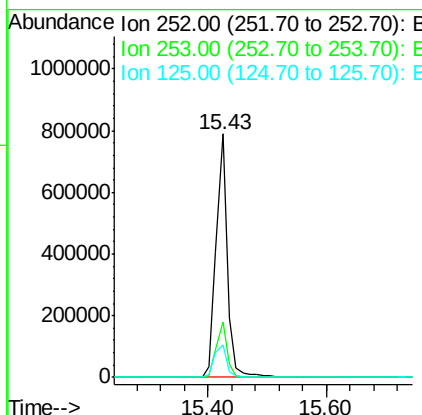
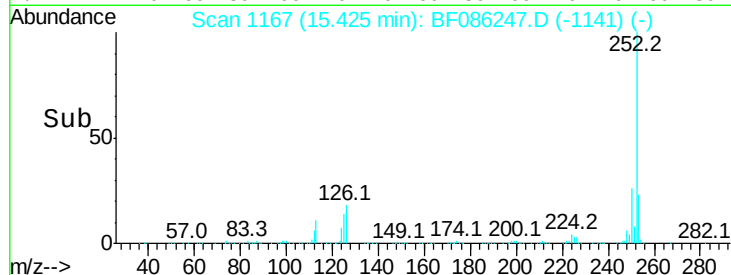
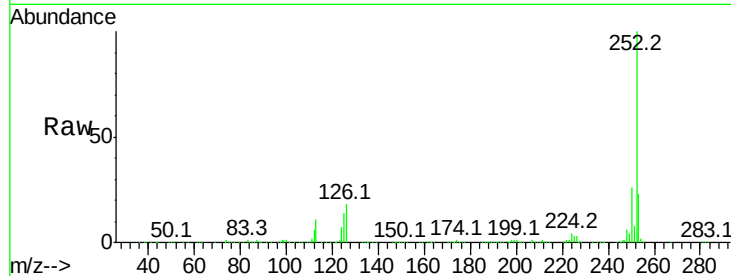
#89
Benzo(a)pyrene
Concen: 41.22 ng
RT: 15.43 min Scan# 1167
Delta R.T. -0.00 min
Lab File: BF086247.D
Acq: 16 Apr 2016 6:32

Instrument :
BNA_F
ClientSampled :
PB89866BS

Tot Ion:252 Resp: 1030044
Ion Ratio Lower Upper
252 100
253 22.7 17.8 26.8
125 13.5 11.2 16.8

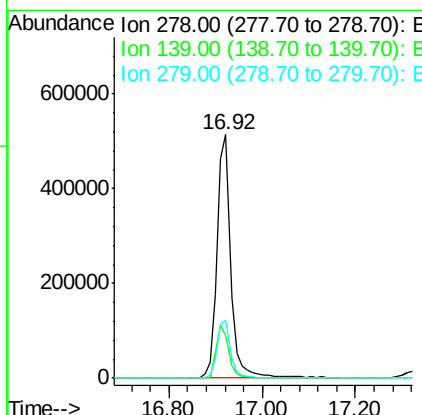
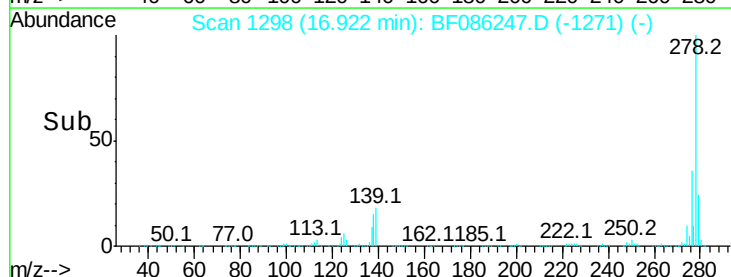
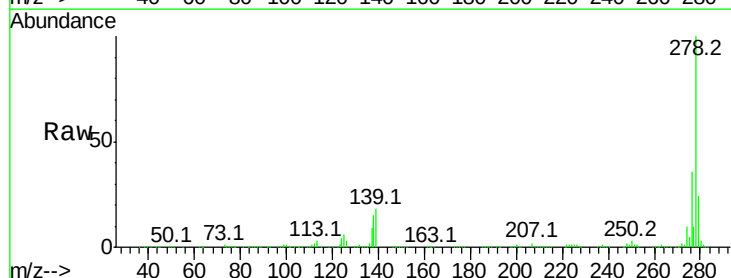
Manual Integrations
APPROVED

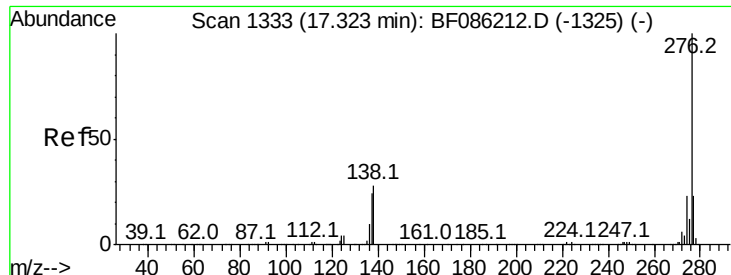
Sohil
4/18/2016 7:31:03 PM



#90
Dibenzo(a,h)anthracene
Concen: 47.43 ng
RT: 16.92 min Scan# 1298
Delta R.T. 0.01 min
Lab File: BF086247.D
Acq: 16 Apr 2016 6:32

Tgt Ion:278 Resp: 1047223
Ion Ratio Lower Upper
278 100
139 17.8 15.3 22.9
279 24.0 19.1 28.7





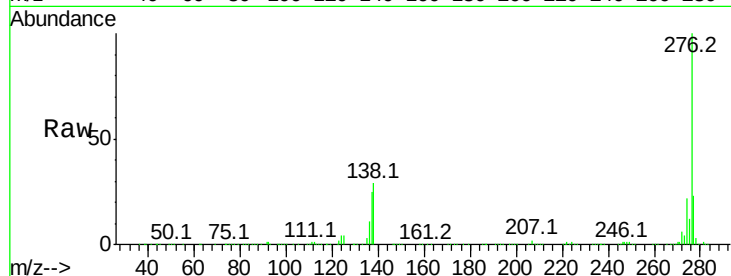
#91
 Benzo(a,h,i)perylene
 Concen: 47.92 ng
 RT: 17.32 min Scan# 1333
 Delta R.T. -0.00 min
 Lab File: BF086247.D
 Acq: 16 Apr 2016 6:32

Instrument :
 BNA_F
 ClientSampleId :
 PB89866BS

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.3	19.0	28.6
138	29.2	19.6	29.4

Manual Integrations
 APPROVED

Sohil
 4/18/2016 7:31:03 PM



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

