

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040416\
 Data File : BF086064.D
 Acq On : 5 Apr 2016 5:06
 Operator : UM/SJ
 Sample : H2111-04MSD
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 AMBOY-SB-29COMP(0.5-15.0)MSD

Manual Integrations
 APPROVED

Sohil
 4/5/2016 6:39:19 PM

Quant Time: Apr 05 05:33:18 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040216.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 01 23:17:06 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.76	152	108842	20.00	ng	-0.01
21) Naphthalene-d8	8.05	136	408050	20.00	ng	-0.01
38) Acenaphthene-d10	9.80	164	161391	20.00	ng	-0.01
63) Phenanthrene-d10	11.29	188	253839	20.00	ng	-0.01
75) Chrysene-d12	13.92	240	174583	20.00	ng	-0.01
86) Perylene-d12	15.32	264	137172	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.37	112	892171	140.11	ng	0.00
7) Phenol-d6	6.42	99	1063782	131.52	ng	0.00
23) Nitrobenzene-d5	7.33	82	678491	98.06	ng	-0.01
41) 2,4,6-Tribromophenol	10.60	330	185497	122.46	ng	0.00
44) 2-Fluorobiphenyl	9.13	172	969958	99.93	ng	-0.01
78) Terphenyl-d14	12.87	244	715049	96.28	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.35	88	126818	42.01	ng	99
3) Pyridine	3.05	79	351885	52.07	ng	99
4) n-Nitrosodimethylamine	3.00	42	157552	53.01	ng	97
6) Aniline	6.43	93	230923	21.76	ng	# 1
8) 2-Chlorophenol	6.56	128	356365	46.93	ng	97
9) Benzaldehyde	6.30	77	165460	38.02	ng	90
10) Phenol	6.43	94	407574	44.18	ng	84
11) bis(2-Chloroethyl)ether	6.51	93	346284	47.40	ng	95
12) 1,3-Dichlorobenzene	6.70	146	375368m	46.64	ng	
13) 1,4-Dichlorobenzene	6.78	146	383840	46.29	ng	94
14) 1,2-Dichlorobenzene	6.93	146	340868	44.66	ng	97
15) Benzyl Alcohol	6.92	79	253346	48.42	ng	95
16) 2,2'-oxybis(1-Chloropropan	7.05	45	384680	43.10	ng	68
17) 2-Methylphenol	7.04	107	281733	47.06	ng	96
18) Hexachloroethane	7.28	117	97352	31.92	ng	98
19) n-Nitroso-di-n-propylamine	7.18	70	225945	45.07	ng	# 92
20) 3+4-Methylphenols	7.20	107	357388	49.08	ng	# 63
22) Acetophenone	7.18	105	481990	50.25	ng	# 90
24) Nitrobenzene	7.36	77	375730	49.63	ng	97
25) Isophorone	7.60	82	678546	49.68	ng	96
26) 2-Nitrophenol	7.68	139	135858	37.51	ng	92
27) 2,4-Dimethylphenol	7.72	122	325826	50.09	ng	95
28) bis(2-Chloroethoxy)methane	7.80	93	403485	50.35	ng	# 97
29) 2,4-Dichlorophenol	7.92	162	261718	47.59	ng	94
30) 1,2,4-Trichlorobenzene	8.00	180	293935	47.62	ng	96
31) Naphthalene	8.08	128	984586	47.97	ng	99
32) Benzoic acid	7.82	122	37906	7.94	ng	94
33) 4-Chloroaniline	8.13	127	113400	13.68	ng	98
34) Hexachlorobutadiene	8.19	225	157874	47.57	ng	99
35) Caprolactam	8.50	113	82474	47.27	ng	92
36) 4-Chloro-3-methylphenol	8.62	107	281924	45.60	ng	98
37) 2-Methylnaphthalene	8.76	142	558698	41.67	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.93	216	252887	52.13	ng	99
40) Hexachlorocyclopentadiene	8.91	237	8544	11.78	ng	94

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040416\
 Data File : BF086064.D
 Acq On : 5 Apr 2016 5:06
 Operator : UM/SJ
 Sample : H2111-04MSD
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 AMBOY-SB-29COMP(0.5-15.0)MSD

Manual Integrations
 APPROVED

Sohil
 4/5/2016 6:39:19 PM

Quant Time: Apr 05 05:33:18 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040216.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 01 23:17:06 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

42) 2,4,6-Trichlorophenol	9.05	196	156317	50.18	nq	100
43) 2,4,5-Trichlorophenol	9.09	196	164059	51.88	nq #	85
45) 1,1'-Biphenyl	9.23	154	702291	50.47	nq	96
46) 2-Chloronaphthalene	9.25	162	513958	50.95	nq	95
47) 2-Nitroaniline	9.36	65	178612	60.52	nq	97
48) Acenaphthylene	9.66	152	762934	47.21	nq	100
49) Dimethylphthalate	9.53	163	723792	60.51	nq	99
50) 2,6-Dinitrotoluene	9.60	165	107164	42.34	nq	99
51) Acenaphthene	9.84	154	451143	46.94	nq	99
52) 3-Nitroaniline	9.77	138	140716	46.13	nq	100
53) 2,4-Dinitrophenol	9.90	184	3164	5.41	nq	90
54) Dibenzofuran	10.01	168	623896	49.16	nq	98
55) 4-Nitrophenol	9.95	139	154002	85.64	nq	96
56) 2,4-Dinitrotoluene	10.01	165	123959	38.76	nq #	62
57) Fluorene	10.35	166	483580	44.60	nq	100
58) 2,3,4,6-Tetrachlorophenol	10.13	232	115574	49.08	nq	98
59) Diethylphthalate	10.22	149	580005	48.04	nq	97
60) 4-Chlorophenyl-phenylether	10.34	204	219484	43.46	nq	94
61) 4-Nitroaniline	10.38	138	151931	50.58	nq	94
62) Azobenzene	10.50	77	563612	48.74	nq	95
64) 4,6-Dinitro-2-methylphenol	10.42	198	5605	3.64	nq	95
65) n-Nitrosodiphenylamine	10.46	169	440893	55.54	nq	99
66) 4-Bromophenyl-phenylether	10.83	248	134052	51.73	nq	93
67) Hexachlorobenzene	10.90	284	132299	49.37	nq #	84
68) Atrazine	10.99	200	111483	43.46	nq	98
69) Pentachlorophenol	11.10	266	116426	92.70	nq	99
70) Phenanthrene	11.31	178	680951	49.17	nq	99
71) Anthracene	11.36	178	650824	44.86	nq	99
72) Carbazole	11.52	167	582909	46.75	nq	98
73) Di-n-butylphthalate	11.85	149	804307	52.05	nq	100
74) Fluoranthene	12.50	202	648382	45.02	nq	90
76) Benzidine	12.63	184	497764	80.81	nq	98
77) Pyrene	12.73	202	664691	54.03	nq	100
79) Butylbenzylphthalate	13.35	149	316830	57.19	nq	99
80) Benzo(a)anthracene	13.92	228	508101	49.37	nq	99
81) 3,3'-Dichlorobenzidine	13.87	252	150371	20.00	nq	98
82) Chrysene	13.95	228	496637	50.10	nq	99
83) Bis(2-ethylhexyl)phthalate	13.89	149	432356	58.81	nq	98
84) Di-n-octyl phthalate	14.51	149	737368	62.80	nq	99
85) Indeno(1,2,3-cd)pyrene	16.68	276	372163	46.27	nq	99
87) Benzo(b)fluoranthene	14.93	252	478083m	55.40	nq	
88) Benzo(k)fluoranthene	14.96	252	346734m	45.38	nq	
89) Benzo(a)pyrene	15.27	252	377526	49.38	nq	97
90) Dibenzo(a,h)anthracene	16.69	278	320346	52.08	nq	97
91) Benzo(g,h,i)perylene	17.09	276	300619	50.50	nq #	94

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

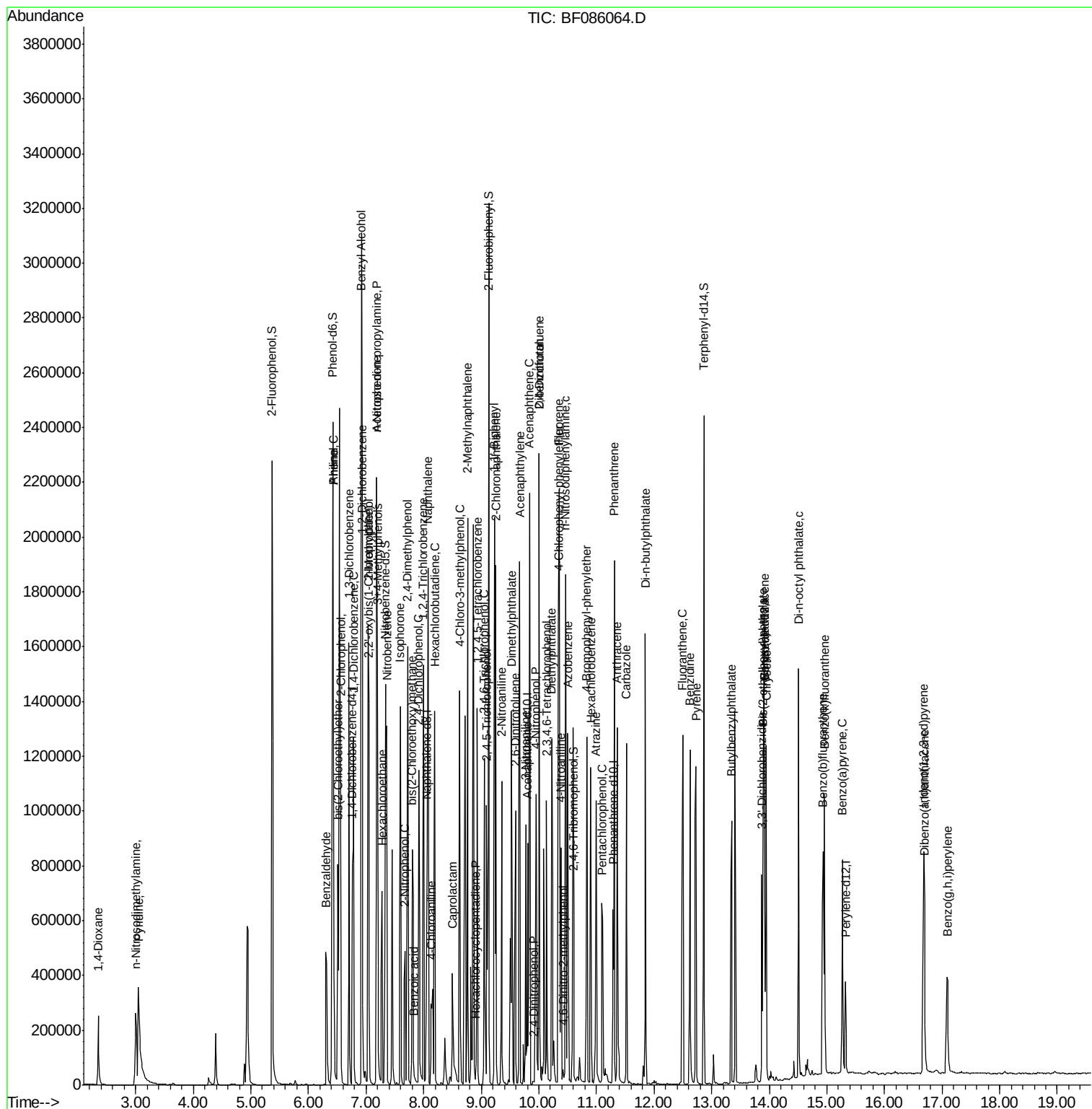
```
Data Path : Z:\HPCHEM1\BNA F\DATA\BF040416\  
Data File : BF086064.D  
Acq On    : 5 Apr 2016 5:06  
Operator  : UM/SJ  
Sample    : H2111-04MSD  
Misc      :  
ALS Vial  : 28 Sample Multiplier: 1
```

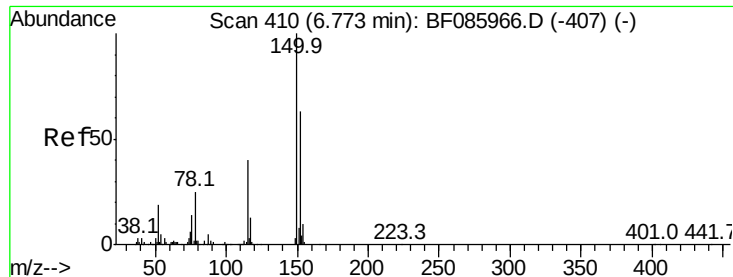
Instrument :
BNA_F
ClientSampleId :
AMBOY-SB-29COMP(0.5-15.0)MSD

Manual Integrations APPROVED

Sohil
4/5/2016 6:39:19 PM

Quant Time: Apr 05 05:33:18 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040216.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 01 23:17:06 2016
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.76 min Scan# 409

Delta R.T. -0.01 min

Lab File: BF086064.D

Acq: 5 Apr 2016 5:06

Instrument :

BNA_F

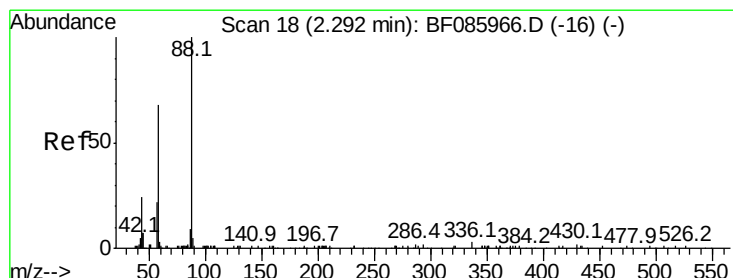
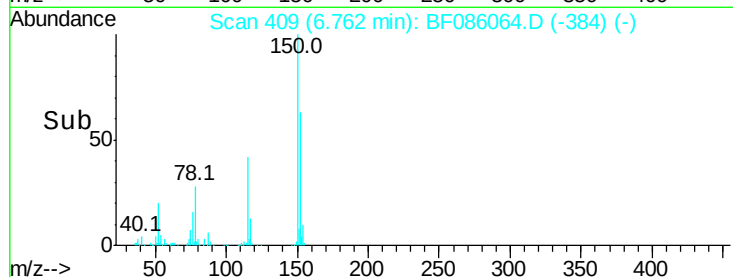
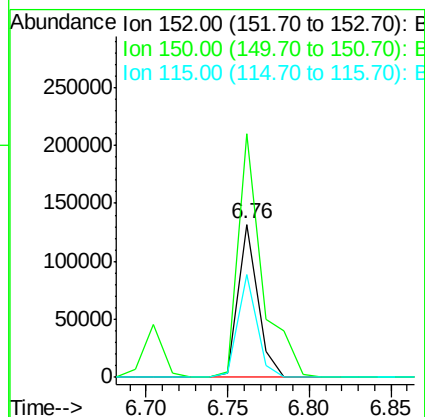
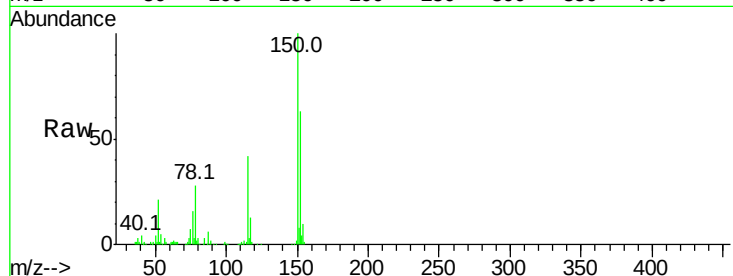
ClientSampleId :

AMBOY-SB-29COMP(0.5-15.0)MSD

Tot Ion:	152	Resp:	108842
Ion Ratio	Lower	Upper	
152	100		
150	159.1	124.2	186.2
115	66.9	47.0	70.6

Manual Integrations
APPROVED

Sohil
4/5/2016 6:39:19 PM



#2

1,4-Dioxane

Concen: 42.01 ng

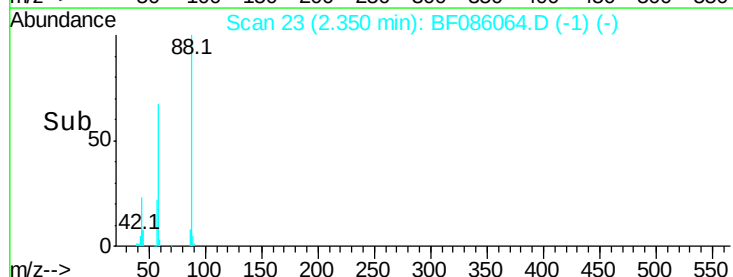
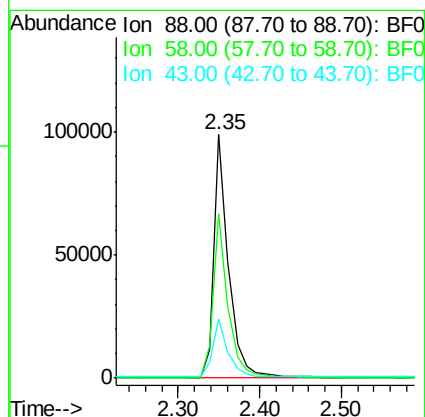
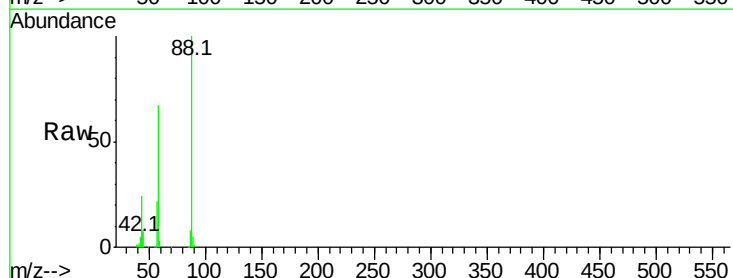
RT: 2.35 min Scan# 23

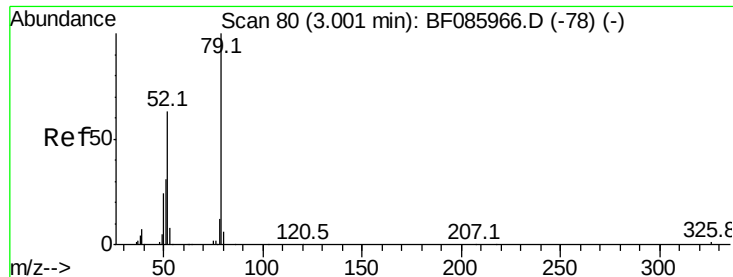
Delta R.T. 0.06 min

Lab File: BF086064.D

Acq: 5 Apr 2016 5:06

Tgt Ion:	88	Resp:	126818
Ion Ratio	Lower	Upper	
88	100		
58	68.4	54.2	81.2
43	24.4	19.3	28.9





#3

Pvridine

Concen: 52.07 ng

RT: 3.05 min Scan# 84

Delta R.T. 0.05 min

Lab File: BF086064.D

Acq: 5 Apr 2016 5:06

Instrument :

BNA_F

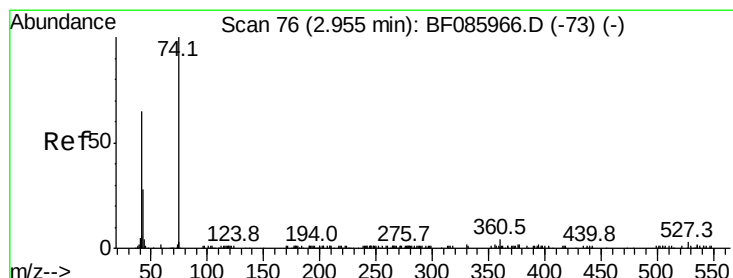
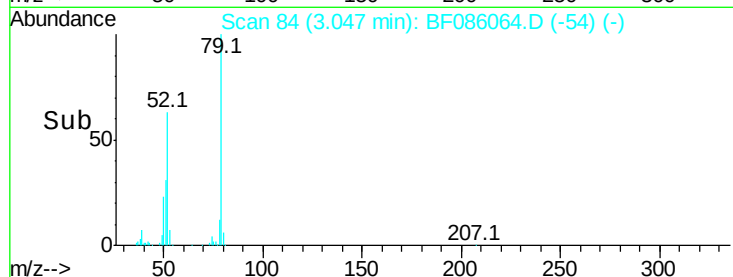
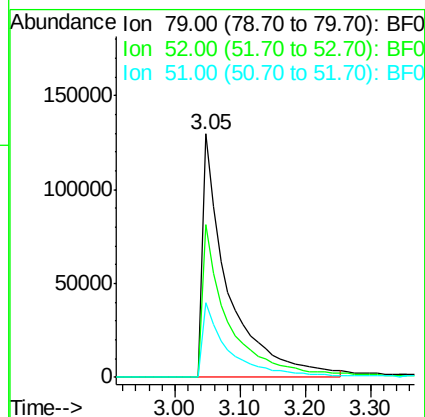
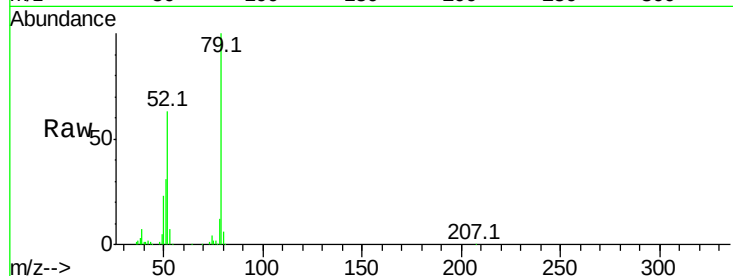
ClientSampleId :

AMBOY-SB-29COMP(0.5-15.0)MSD

Manual Integrations
APPROVED

Sohil
4/5/2016 6:39:19 PM

Tot Ion	79	Resp	351885
Ion Ratio	Lower	Upper	
79	100		
52	62.9	49.8	74.6
51	30.8	24.7	37.1



#4

n-Nitrosodimethylamine

Concen: 53.01 ng

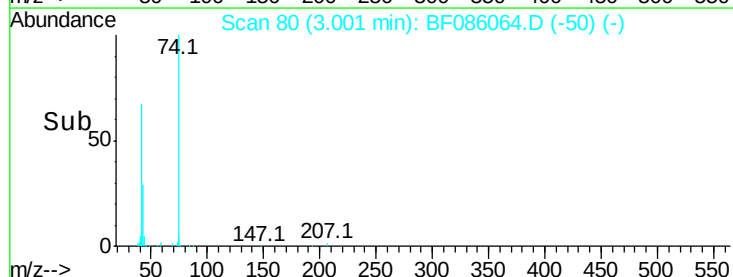
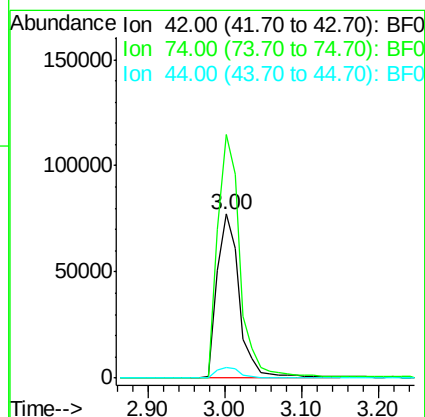
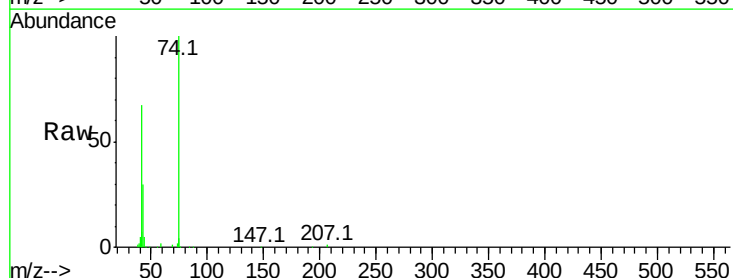
RT: 3.00 min Scan# 80

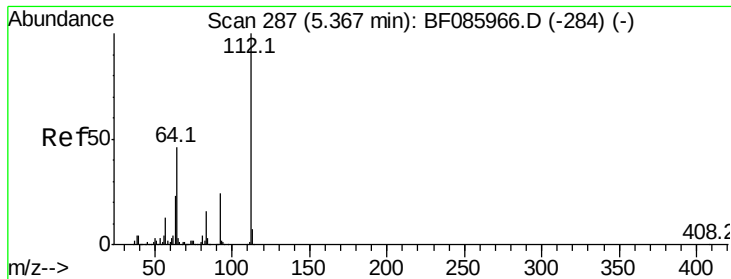
Delta R.T. 0.05 min

Lab File: BF086064.D

Acq: 5 Apr 2016 5:06

Tgt Ion	42	Resp	157552
Ion Ratio	Lower	Upper	
42	100		
74	148.3	121.4	182.2
44	6.7	5.6	8.4





#5

2-Fluorophenol

Concen: 140.11 ng

RT: 5.37 min Scan# 287

Delta R.T. 0.00 min

Lab File: BF086064.D

Acq: 5 Apr 2016 5:06

Instrument :

BNA_F

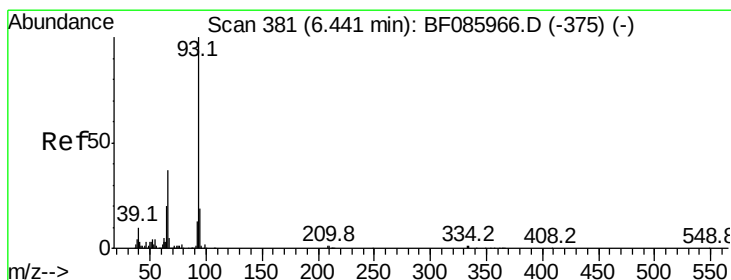
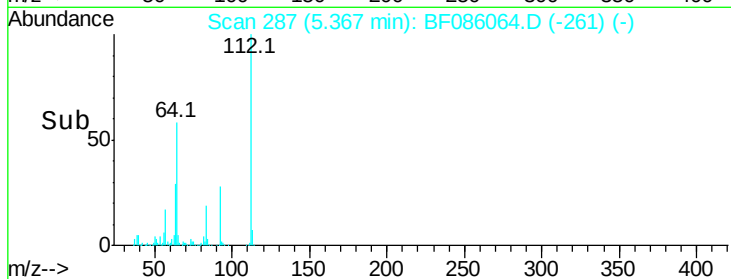
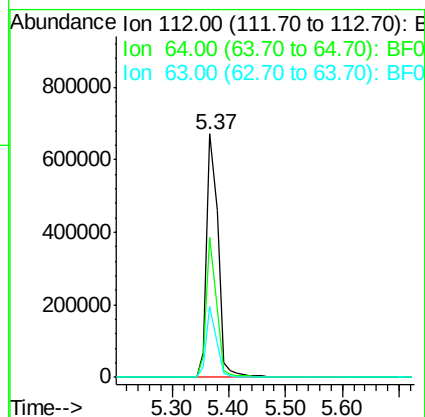
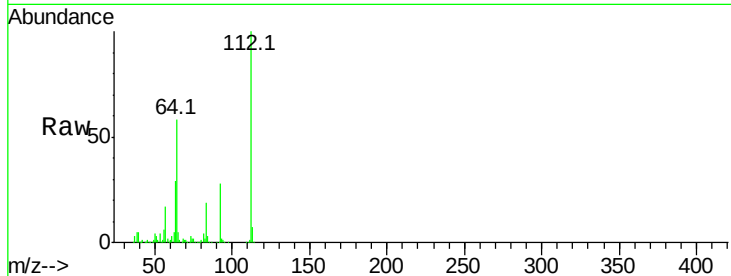
ClientSampleId :

AMBOY-SB-29COMP(0.5-15.0)MSD

Manual Integrations
APPROVED

Sohil
4/5/2016 6:39:19 PM

Tot Ion	Ratio	Resp	Lower	Upper
112	100	892171		
64	57.5	39.9	59.9	
63	28.9	20.2	30.2	



#6

Aniline

Concen: 21.76 ng

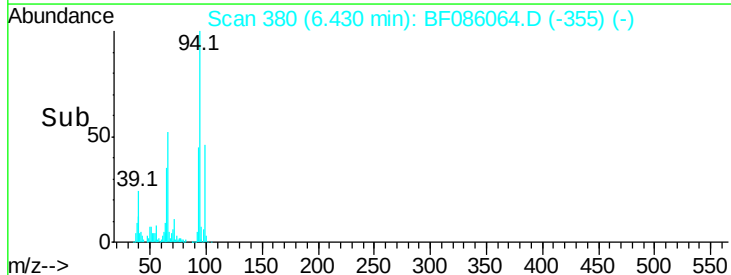
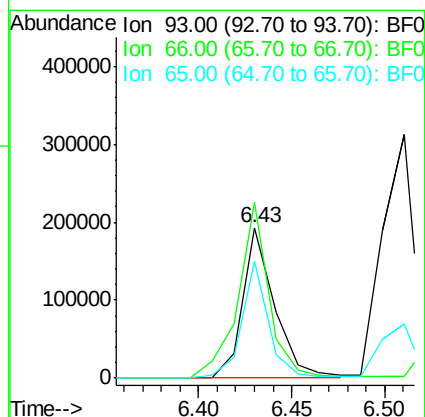
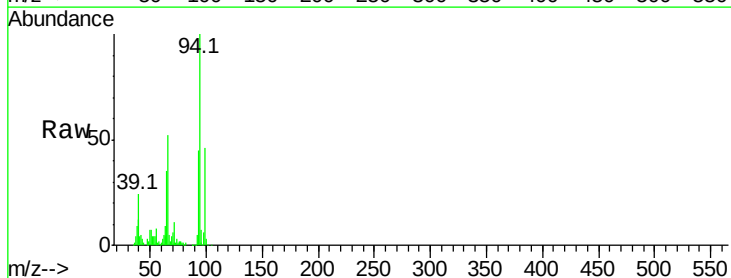
RT: 6.43 min Scan# 380

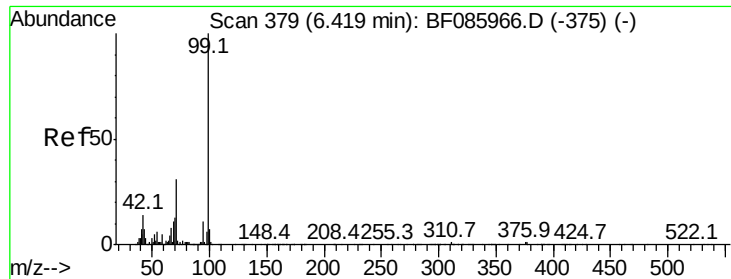
Delta R.T. -0.01 min

Lab File: BF086064.D

Acq: 5 Apr 2016 5:06

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	230923		
66	116.9	31.4	47.2#	
65	77.8	15.7	23.5#	





#7

Phenol-d6

Concen: 131.52 ng

RT: 6.42 min Scan# 379

Delta R.T. 0.00 min

Lab File: BF086064.D

Acq: 5 Apr 2016 5:06

Instrument :

BNA_F

ClientSampleId :

AMBOY-SB-29COMP(0.5-15.0)MSD

Tot Ion: 99 Resp: 1063782

Ion Ratio Lower Upper

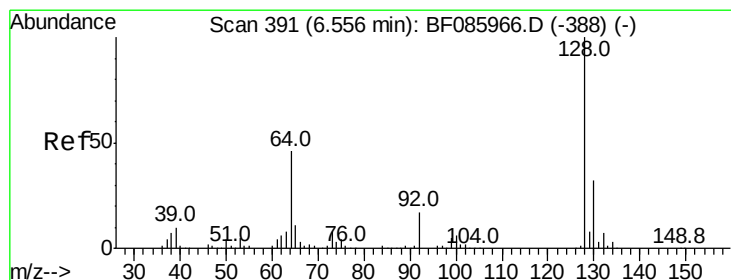
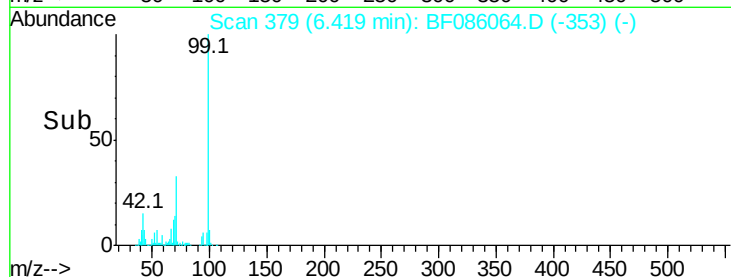
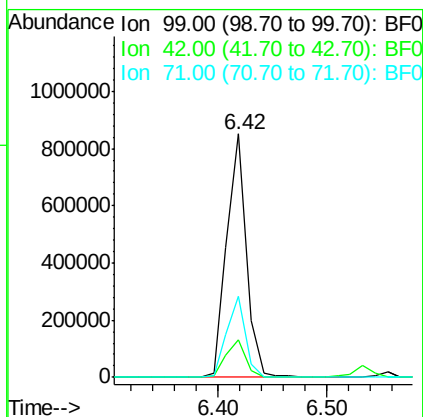
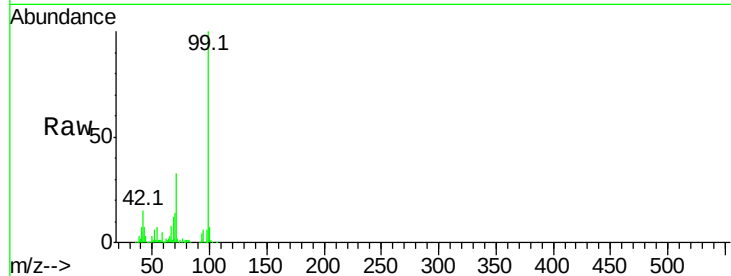
99 100

42 15.2 11.1 16.7

71 33.0 24.9 37.3

Manual Integrations
APPROVED

Sohil
4/5/2016 6:39:19 PM



#8

2-Chlorophenol

Concen: 46.93 ng

RT: 6.56 min Scan# 391

Delta R.T. 0.00 min

Lab File: BF086064.D

Acq: 5 Apr 2016 5:06

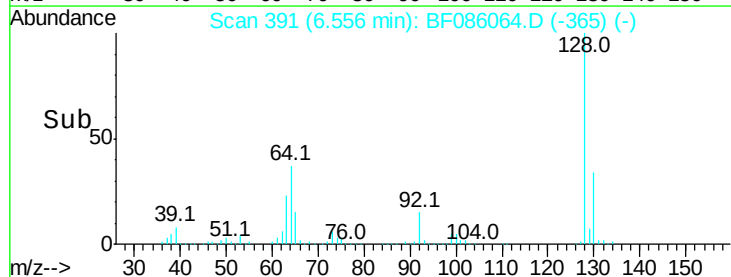
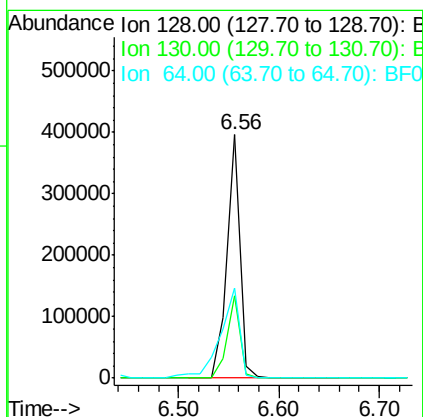
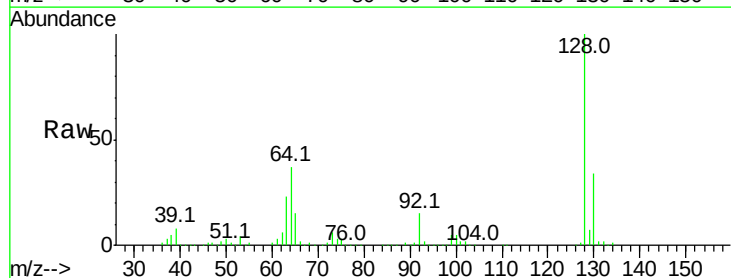
Tgt Ion: 128 Resp: 356365

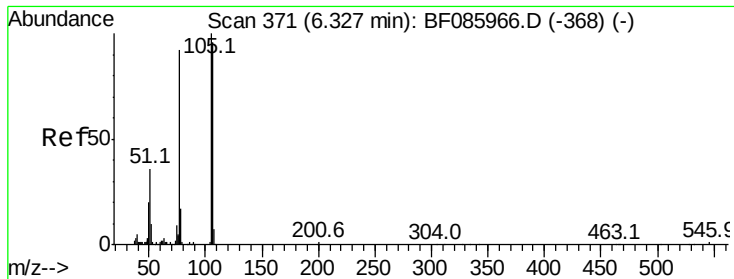
Ion Ratio Lower Upper

128 100

130 33.6 12.9 52.9

64 37.0 20.2 60.2





#9

Benzaldehyde

Concen: 38.02 ng

RT: 6.30 min Scan# 369

Delta R.T. -0.02 min

Lab File: BF086064.D

Acq: 5 Apr 2016 5:06

Instrument :

BNA_F

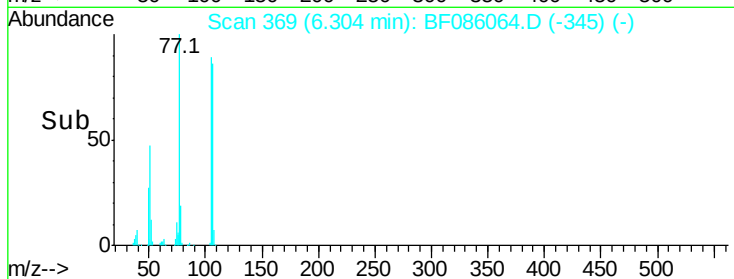
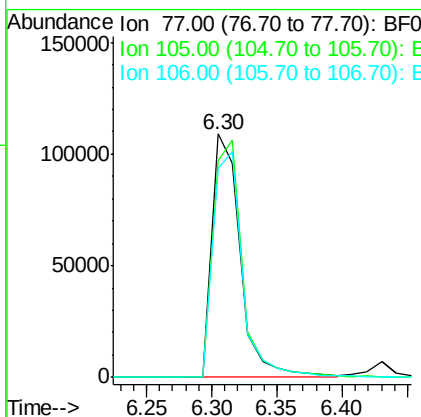
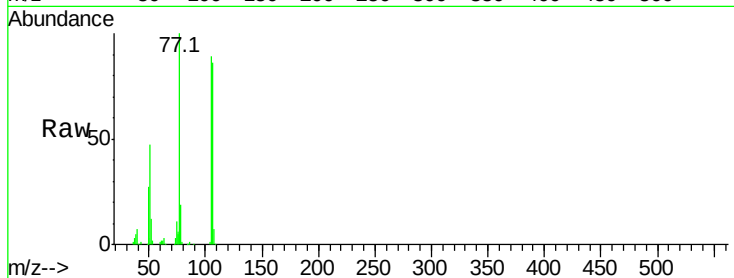
ClientSampleId :

AMBOY-SB-29COMP(0.5-15.0)MSD

Manual Integrations
APPROVED

Sohil
4/5/2016 6:39:19 PM

Tot Ion:	77	Resp:	165460
Ion Ratio	Lower	Upper	
77	100		
105	88.9	80.1	120.1
106	86.1	75.0	115.0



#10

Phenol

Concen: 44.18 ng

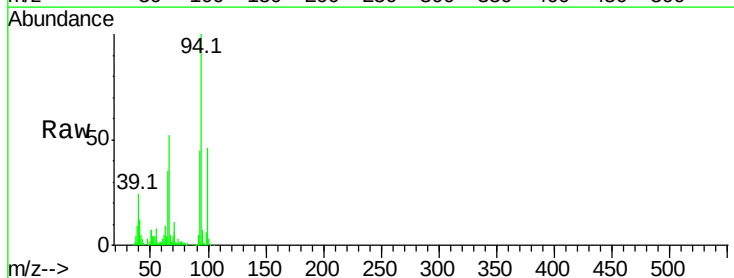
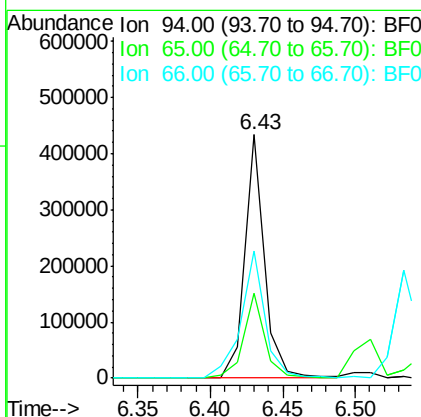
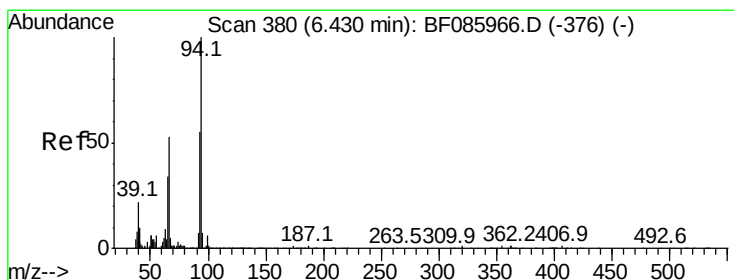
RT: 6.43 min Scan# 380

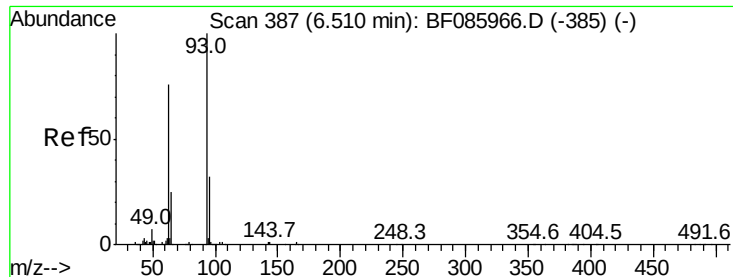
Delta R.T. 0.00 min

Lab File: BF086064.D

Acq: 5 Apr 2016 5:06

Tgt Ion:	94	Resp:	407574
Ion Ratio	Lower	Upper	
94	100		
65	34.6	8.6	48.6
66	52.1	20.0	60.0





#11

bis(2-Chloroethyl)ether

Concen: 47.40 ng

RT: 6.51 min Scan# 387

Delta R.T. 0.00 min

Lab File: BF086064.D

Acq: 5 Apr 2016 5:06

Instrument :

BNA_F

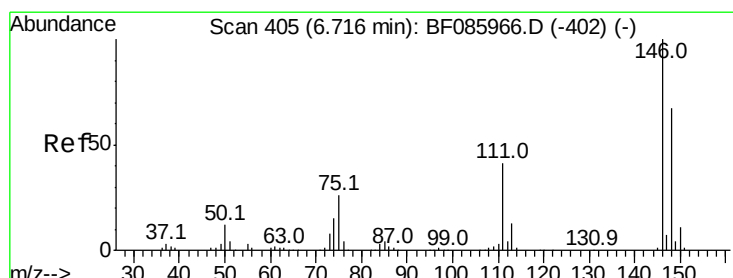
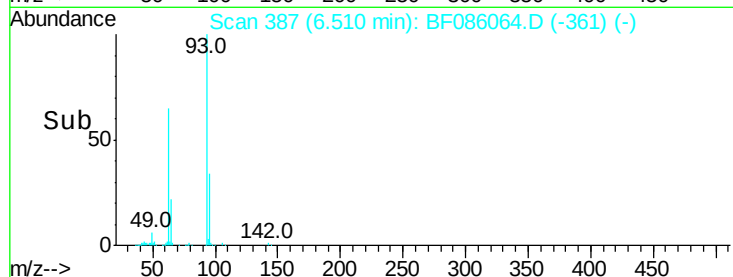
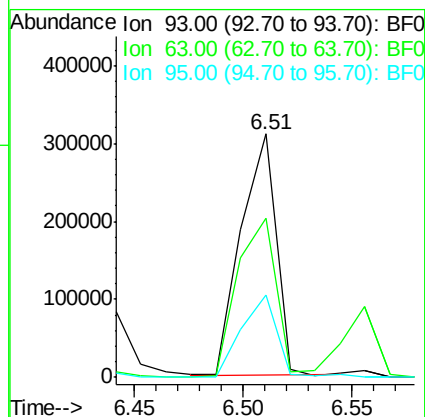
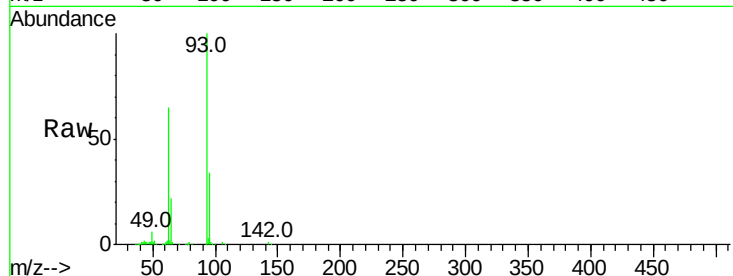
ClientSampleId :

AMBOY-SB-29COMP(0.5-15.0)MSD

Tot Ion	Ratio	Lower	Upper
93	100		
63	65.4	50.9	90.9
95	33.6	13.3	53.3

Manual Integrations
APPROVED

Sohil
4/5/2016 6:39:19 PM



#12

1,3-Dichlorobenzene

Concen: 46.64 ng m

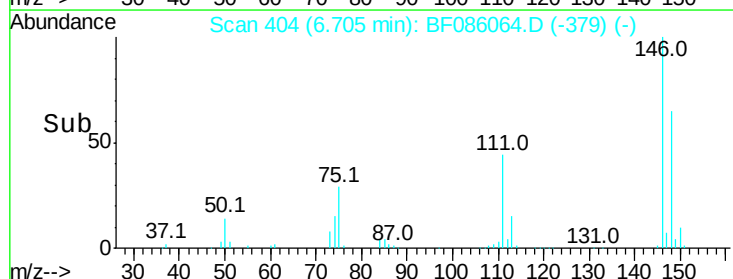
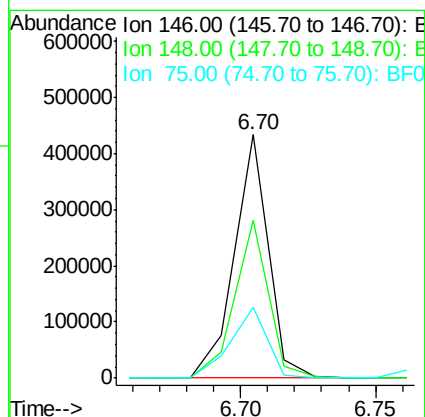
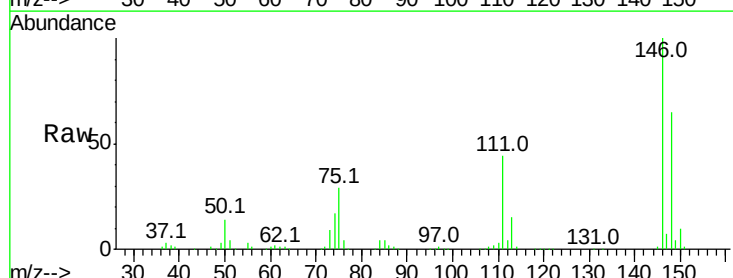
RT: 6.70 min Scan# 404

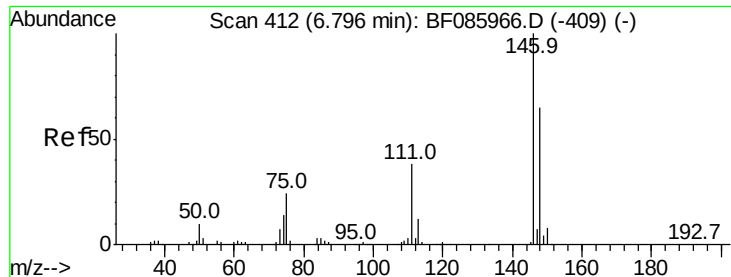
Delta R.T. -0.01 min

Lab File: BF086064.D

Acq: 5 Apr 2016 5:06

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.0	52.3	78.5
75	29.3	17.4	26.2





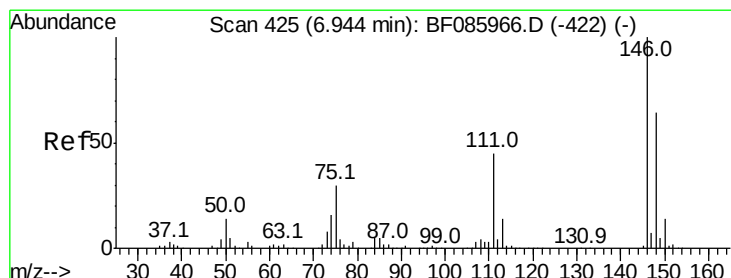
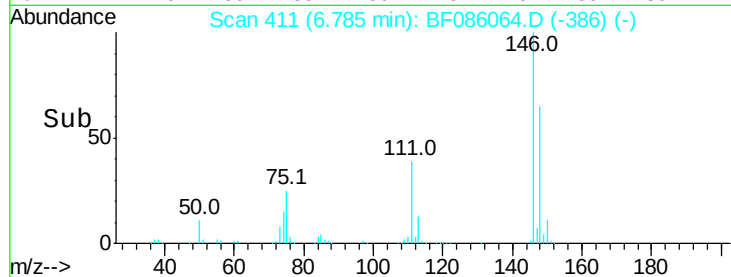
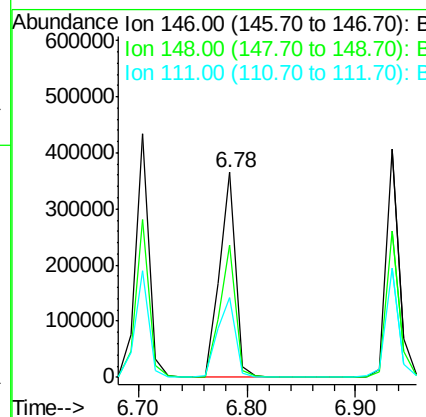
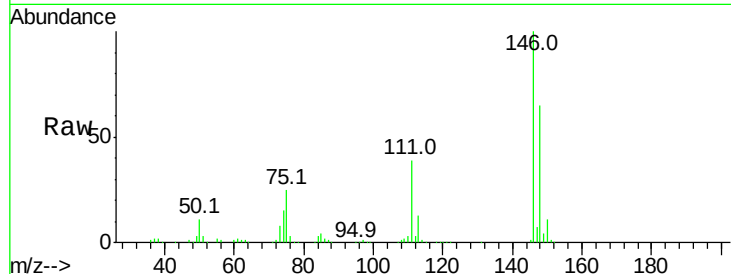
#13
1,4-Dichlorobenzene
Concen: 46.29 ng
RT: 6.78 min Scan# 411
Delta R.T. -0.01 min
Lab File: BF086064.D
Acq: 5 Apr 2016 5:06

Instrument :
BNA_F
ClientSampleId :
AMBOY-SB-29COMP(0.5-15.0)MSD

Tot Ion	Ratio	Resp	Lower	Upper
146	100	383840		
148	64.6	50.6	76.0	
111	39.0	37.8	56.6	

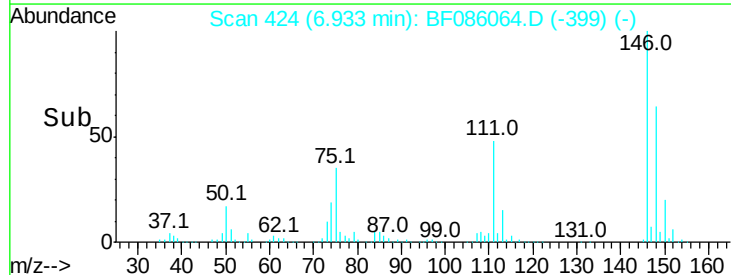
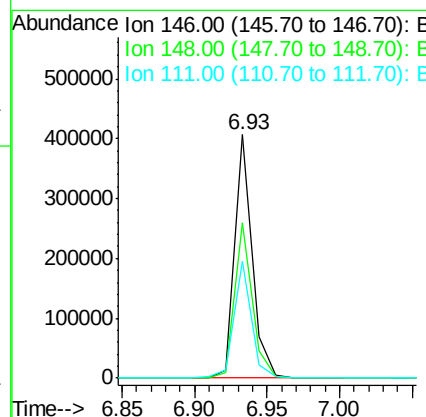
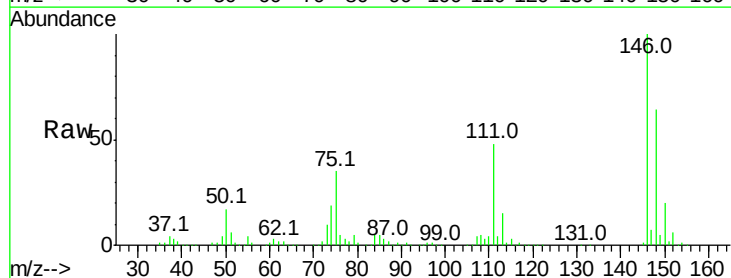
Manual Integrations
APPROVED

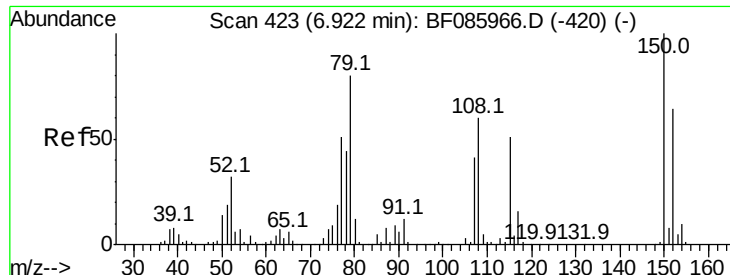
Sohil
4/5/2016 6:39:19 PM



#14
1,2-Dichlorobenzene
Concen: 44.66 ng
RT: 6.93 min Scan# 424
Delta R.T. -0.01 min
Lab File: BF086064.D
Acq: 5 Apr 2016 5:06

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	340868		
148	63.9	51.4	77.2	
111	47.9	34.6	52.0	





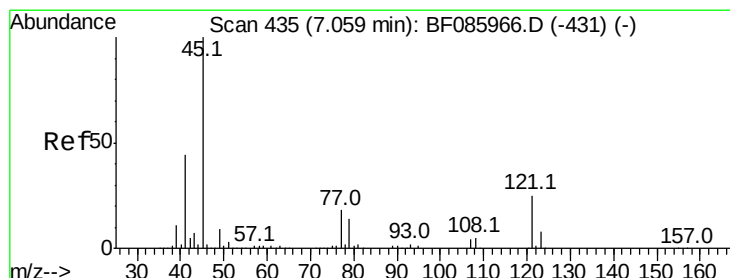
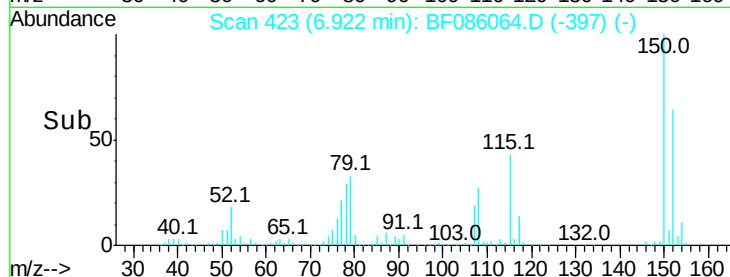
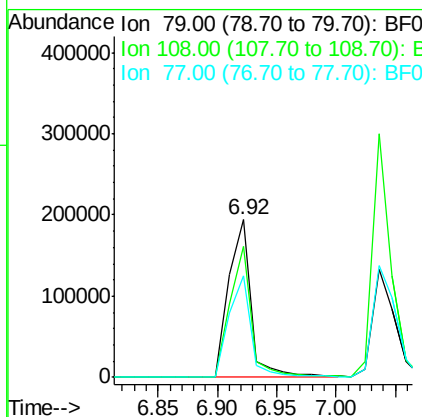
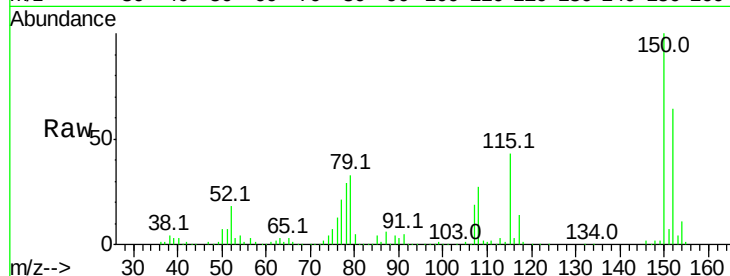
#15
Benzyl Alcohol
Concen: 48.42 ng
RT: 6.92 min Scan# 423
Delta R.T. 0.00 min
Lab File: BF086064.D
Acq: 5 Apr 2016 5:06

Instrument :
BNA_F
ClientSampleId :
AMBOY-SB-29COMP(0.5-15.0)MSD

Tot Ion	Ratio	Resp	Lower	Upper
79	100	253346		
108	83.4	61.8	92.6	
77	64.1	49.6	74.4	

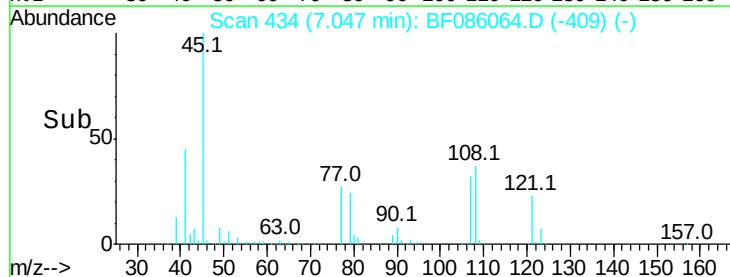
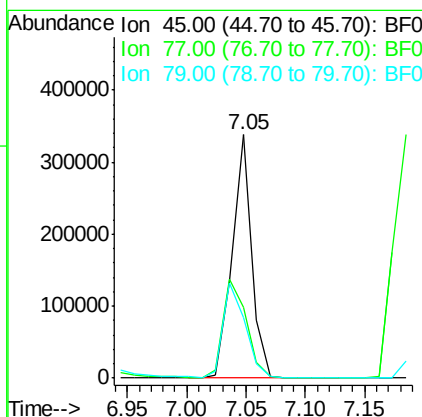
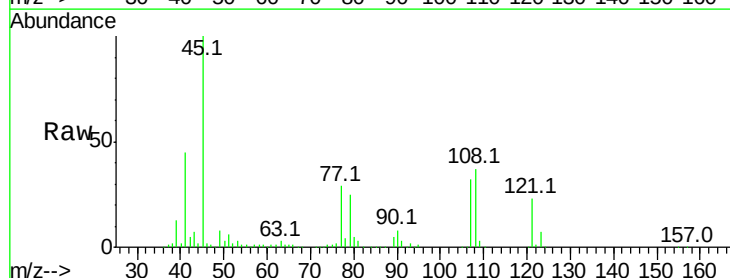
Manual Integrations
APPROVED

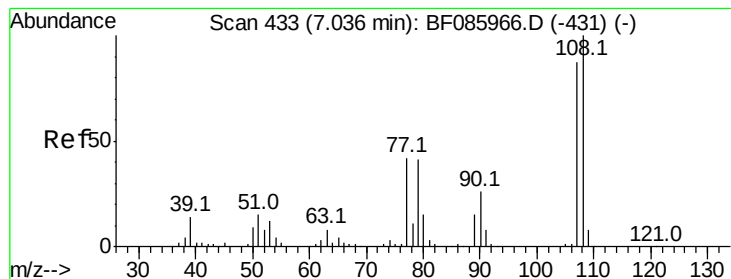
Sohil
4/5/2016 6:39:19 PM



#16
2,2'-oxybis(1-chloropropane)
Concen: 43.10 ng
RT: 7.05 min Scan# 434
Delta R.T. -0.01 min
Lab File: BF086064.D
Acq: 5 Apr 2016 5:06

Tgt Ion	Ratio	Resp	Lower	Upper
45	100	384680		
77	28.9	0.0	35.7	
79	25.0	0.0	32.2	





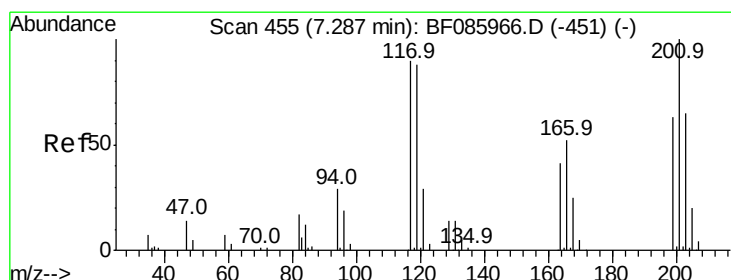
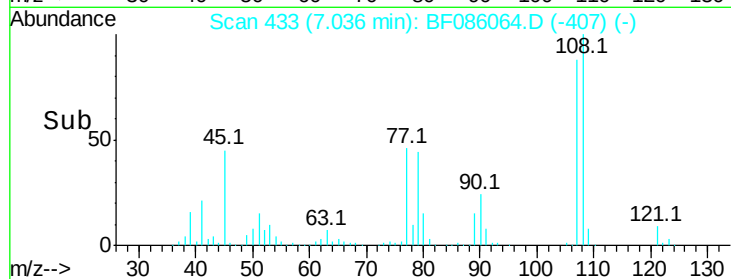
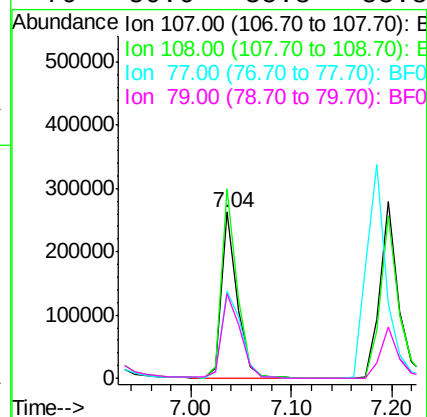
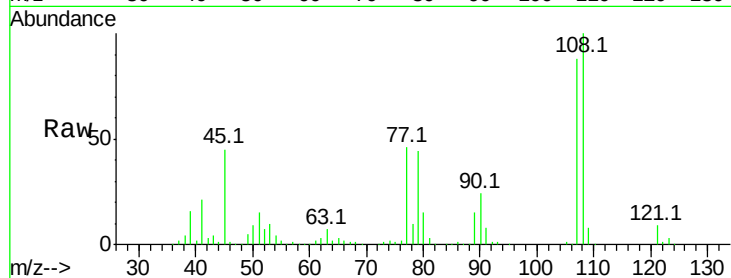
#17
2-Methylphenol
Concen: 47.06 ng
RT: 7.04 min Scan# 433
Delta R.T. 0.00 min
Lab File: BF086064.D
Acq: 5 Apr 2016 5:06

Instrument :
BNA_F
ClientSampleId :
AMBOY-SB-29COMP(0.5-15.0)MSD

Tot Ion	Ratio	Resp	Lower	Upper
107	100	281733		
108	114.0	91.4	137.0	
77	52.3	36.2	54.2	
79	50.6	35.8	53.8	

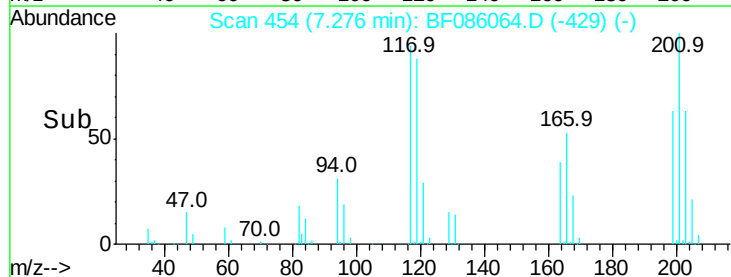
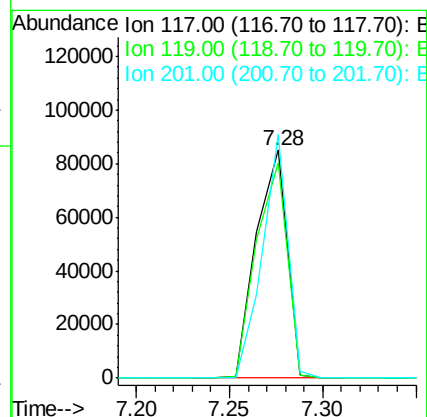
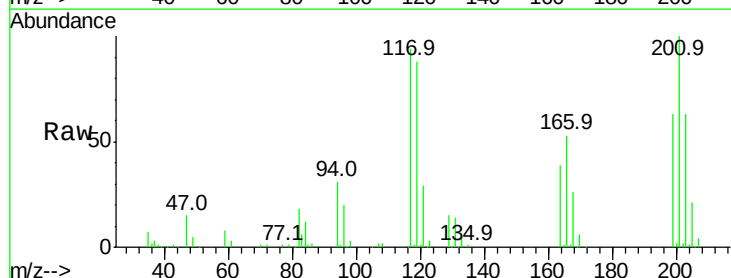
Manual Integrations
APPROVED

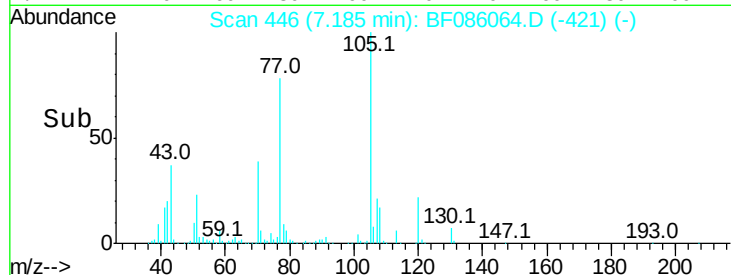
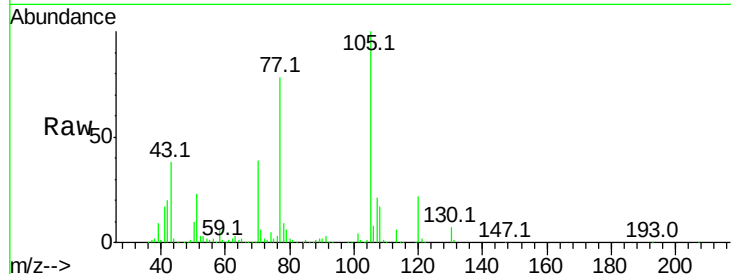
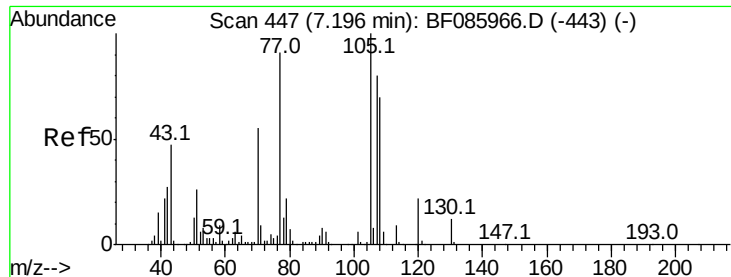
Sohil
4/5/2016 6:39:19 PM



#18
Hexachloroethane
Concen: 31.92 ng
RT: 7.28 min Scan# 454
Delta R.T. -0.01 min
Lab File: BF086064.D
Acq: 5 Apr 2016 5:06

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	97352		
119	94.4	76.7	115.1	
201	106.7	83.3	124.9	





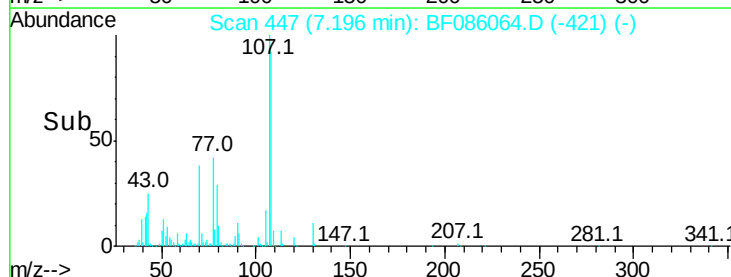
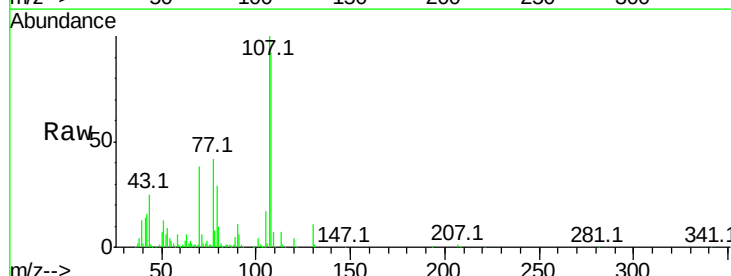
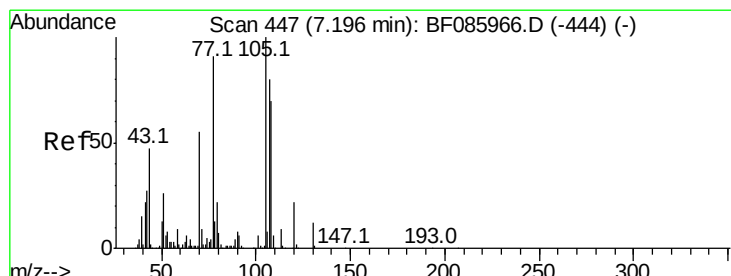
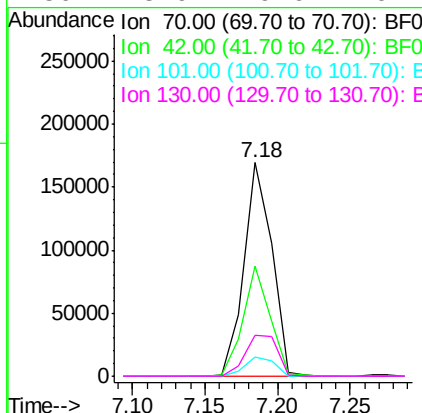
#19
n-Nitroso-di-n-propylamine
Concen: 45.07 ng
RT: 7.18 min Scan# 446
Delta R.T. -0.01 min
Lab File: BF086064.D
Acq: 5 Apr 2016 5:06

Instrument :
BNA_F
ClientSampleId :
AMBOY-SB-29COMP(0.5-15.0)MSD

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	51.4	37.1	55.7	
101	9.0	8.6	12.8	
130	18.9	19.6	29.4	

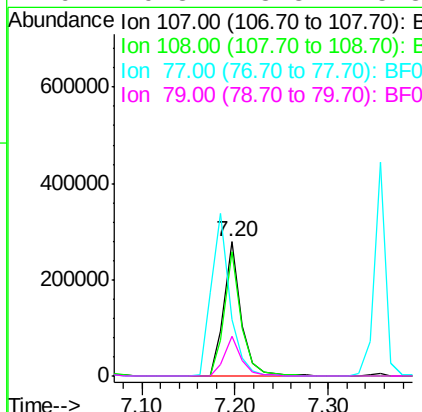
Manual Integrations
APPROVED

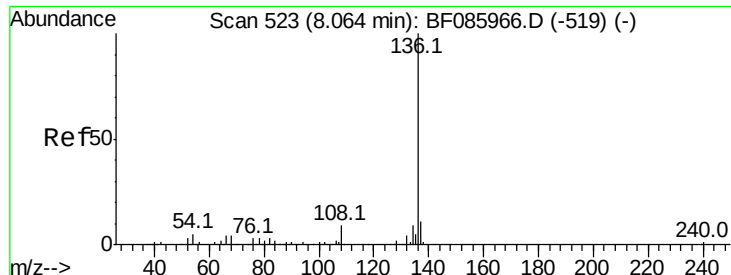
Sohil
4/5/2016 6:39:19 PM



#20
3+4-Methylphenols
Concen: 49.08 ng
RT: 7.20 min Scan# 447
Delta R.T. 0.00 min
Lab File: BF086064.D
Acq: 5 Apr 2016 5:06

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	92.1	69.3	109.3	
77	42.4	101.7	141.7	
79	29.3	8.3	48.3	





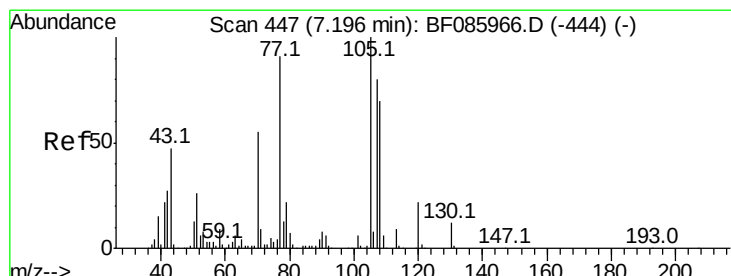
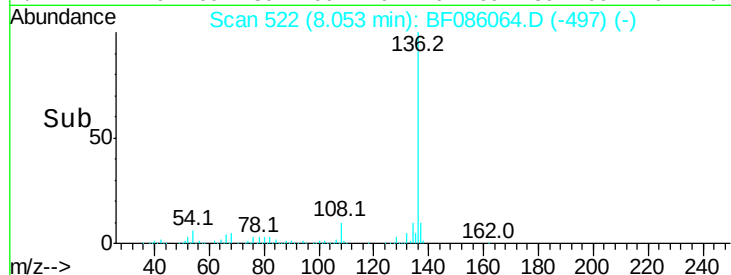
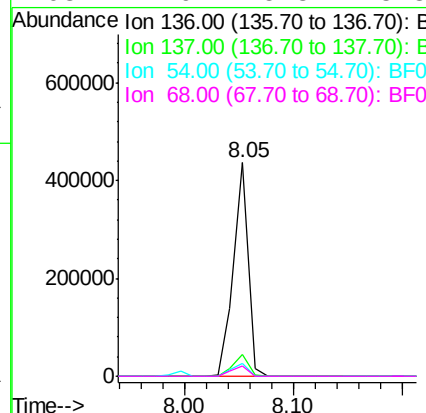
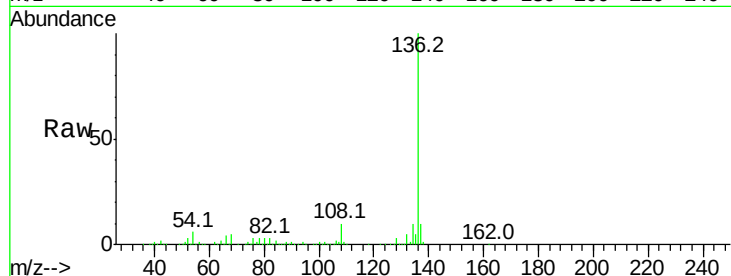
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.05 min Scan# 522
Delta R.T. -0.01 min
Lab File: BF086064.D
Acq: 5 Apr 2016 5:06

Instrument :
BNA_F
ClientSampleId :
AMBOY-SB-29COMP(0.5-15.0)MSD

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	10.5	9.1	13.7	
54	5.9	7.4	11.0	
68	4.9	5.8	8.8	

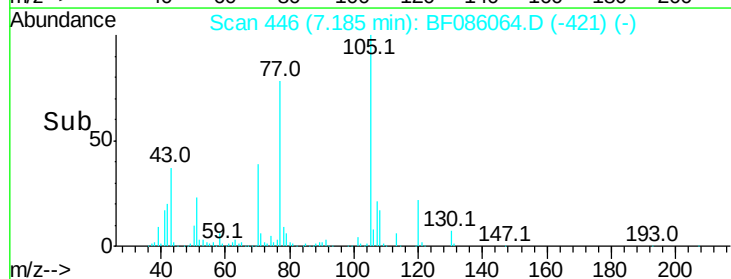
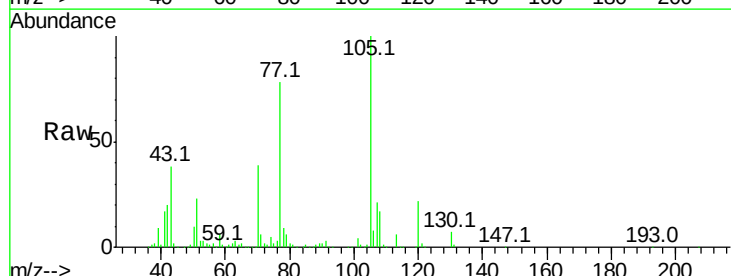
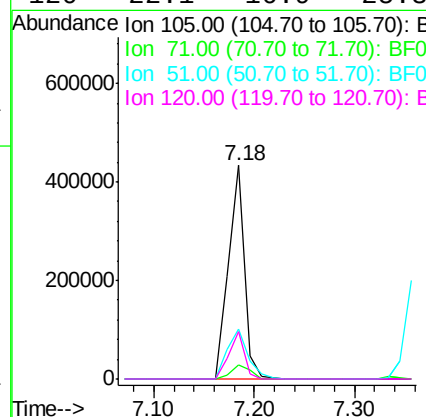
Manual Integrations
APPROVED

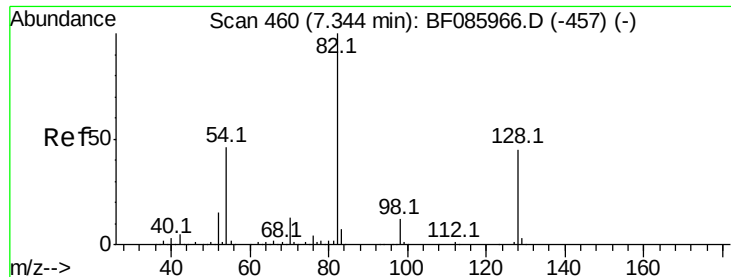
Sohil
4/5/2016 6:39:19 PM



#22
Acetophenone
Concen: 50.25 ng
RT: 7.18 min Scan# 446
Delta R.T. -0.01 min
Lab File: BF086064.D
Acq: 5 Apr 2016 5:06

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	6.5	3.6	5.4	
51	23.2	25.4	38.0	
120	22.1	16.9	25.3	





#23

Nitrobenzene-d5

Concen: 98.06 ng

RT: 7.33 min Scan# 459

Delta R.T. -0.01 min

Lab File: BF086064.D

Acq: 5 Apr 2016 5:06

Instrument :

BNA_F

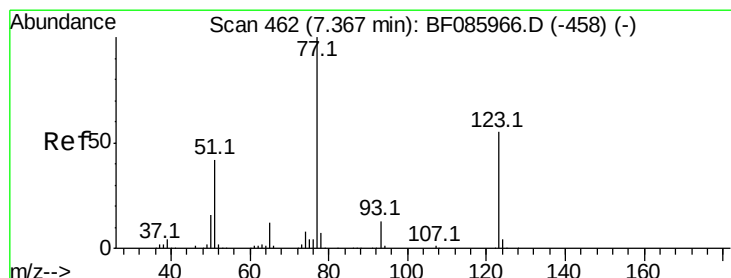
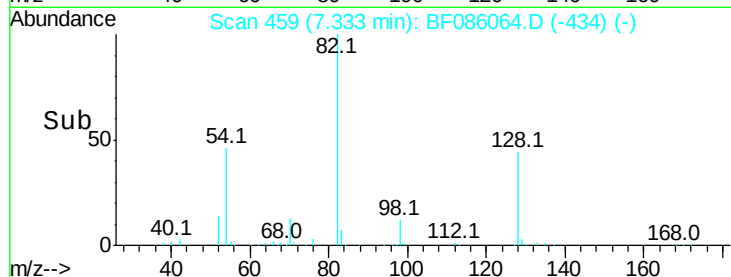
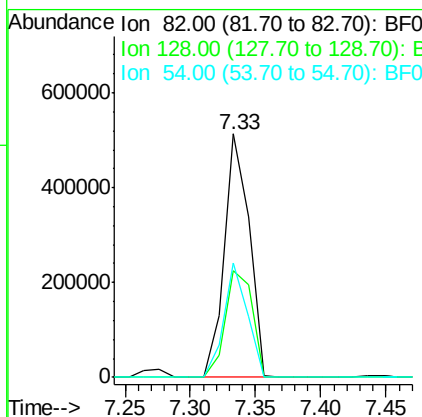
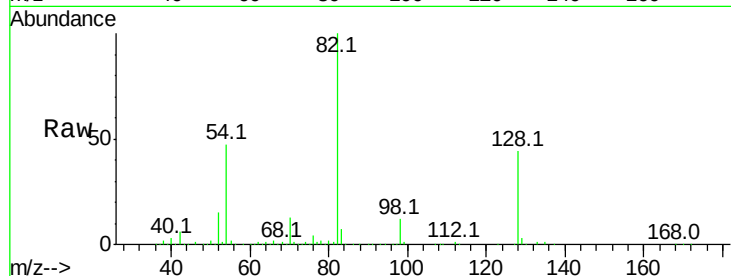
ClientSampleId :

AMBOY-SB-29COMP(0.5-15.0)MSD

Tot Ion:	82	Resp:	678491
Ion Ratio	Lower	Upper	
82	100		
128	43.7	41.8	62.8
54	47.0	33.4	50.0

Manual Integrations
APPROVED

Sohil
4/5/2016 6:39:19 PM



#24

Nitrobenzene

Concen: 49.63 ng

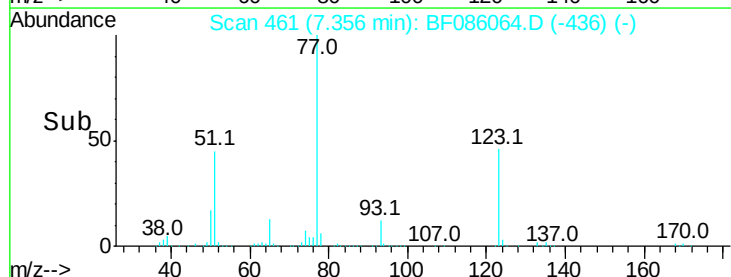
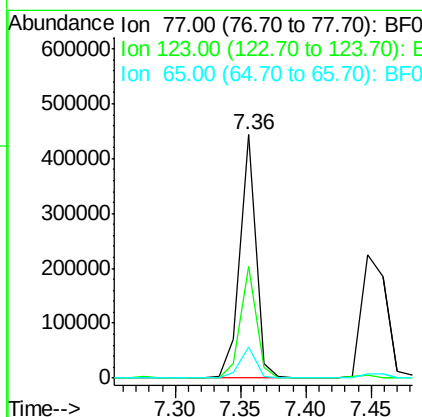
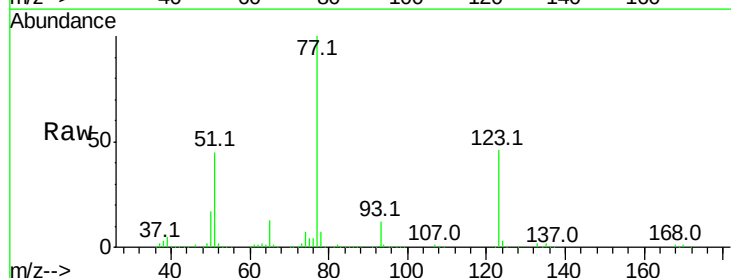
RT: 7.36 min Scan# 461

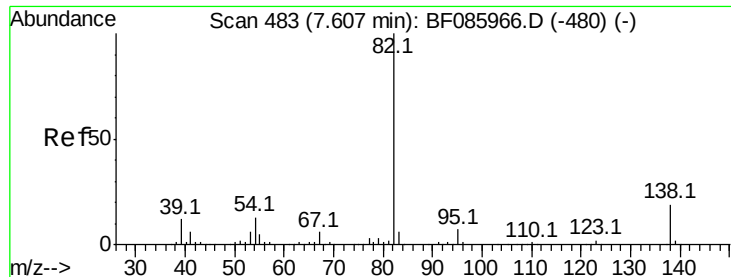
Delta R.T. -0.01 min

Lab File: BF086064.D

Acq: 5 Apr 2016 5:06

Tgt Ion:	77	Resp:	375730
Ion Ratio	Lower	Upper	
77	100		
123	46.0	35.0	52.4
65	12.7	10.6	16.0





#25

Isophorone

Concen: 49.68 ng

RT: 7.60 min Scan# 482

Delta R.T. -0.01 min

Lab File: BF086064.D

Acq: 5 Apr 2016 5:06

Instrument :

BNA_F

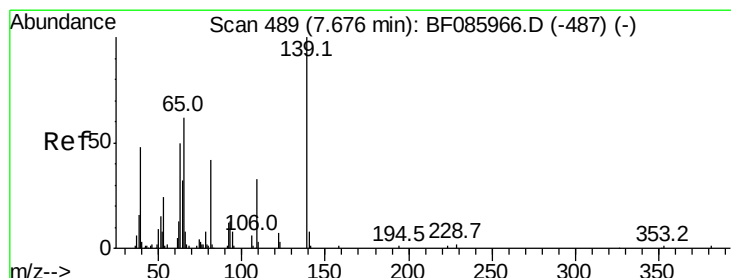
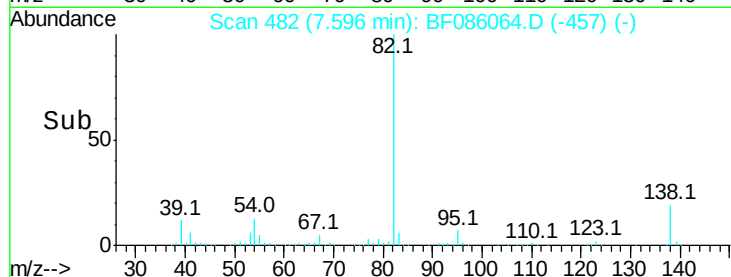
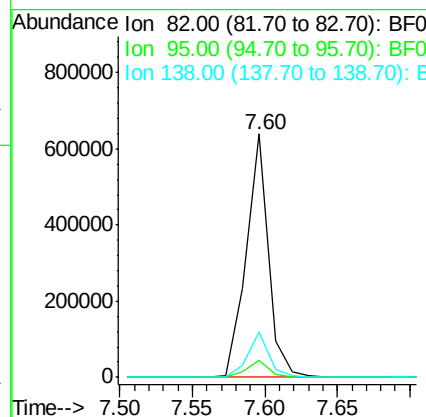
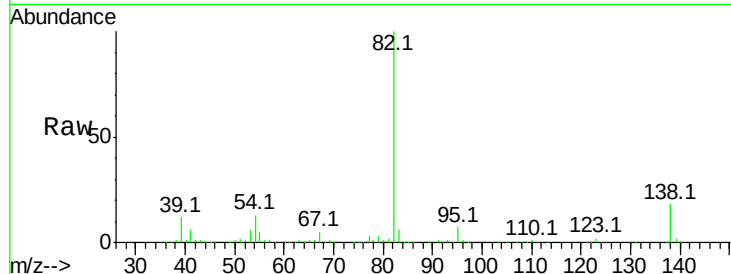
ClientSampleId :

AMBOY-SB-29COMP(0.5-15.0)MSD

Tot Ion:	82	Resp:	678546
Ion Ratio	Lower	Upper	
82	100		
95	7.2	5.4	8.2
138	18.5	12.9	19.3

Manual Integrations
APPROVED

Sohil
4/5/2016 6:39:19 PM



#26

2-Nitrophenol

Concen: 37.51 ng

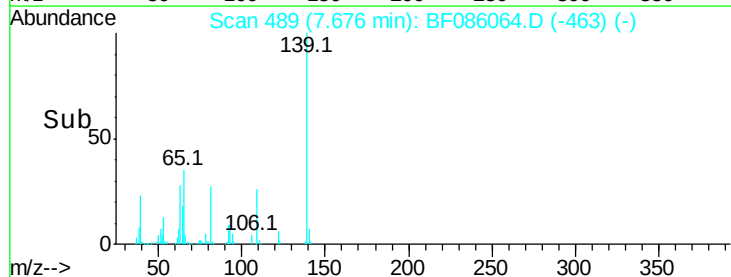
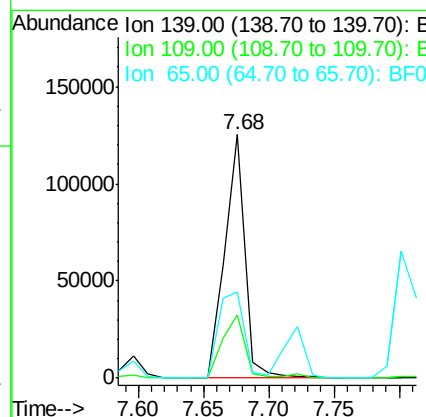
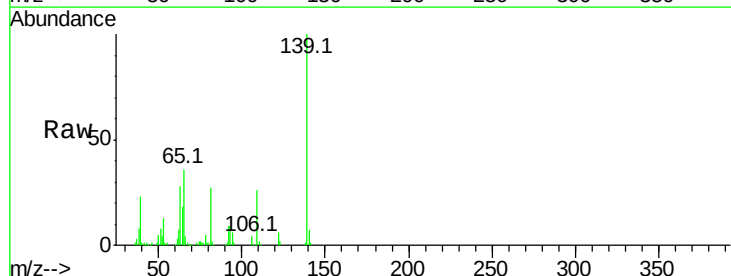
RT: 7.68 min Scan# 489

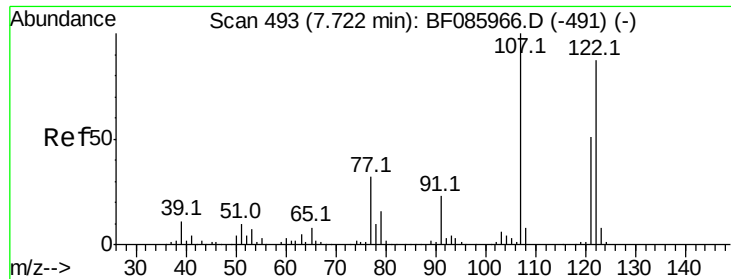
Delta R.T. 0.00 min

Lab File: BF086064.D

Acq: 5 Apr 2016 5:06

Tgt Ion:	139	Resp:	135858
Ion Ratio	Lower	Upper	
139	100		
109	26.0	22.1	33.1
65	35.6	33.9	50.9





#27

2,4-Dimethylphenol

Concen: 50.09 ng

RT: 7.72 min Scan# 493

Delta R.T. 0.00 min

Lab File: BF086064.D

Acq: 5 Apr 2016 5:06

Instrument :

BNA_F

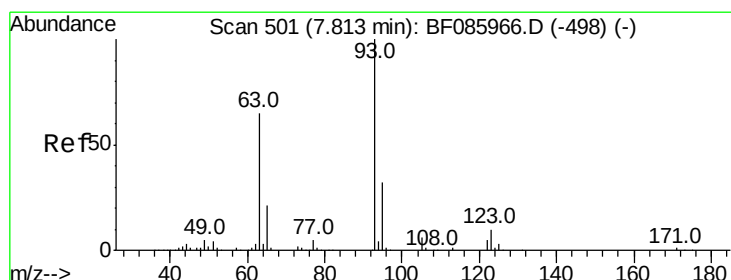
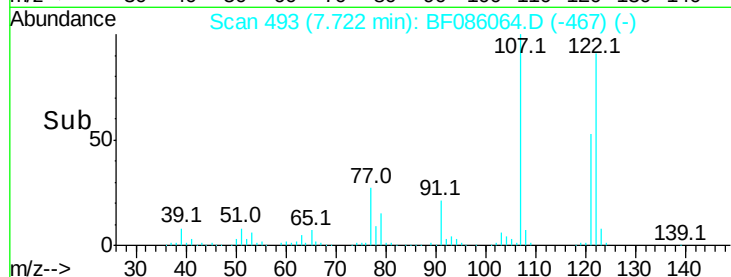
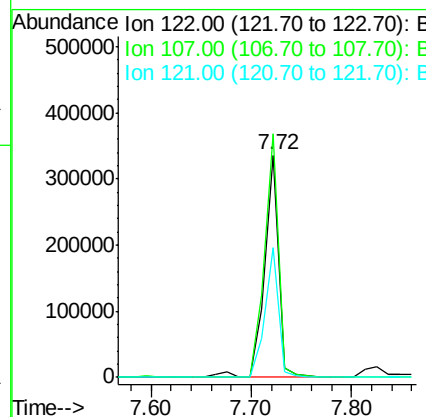
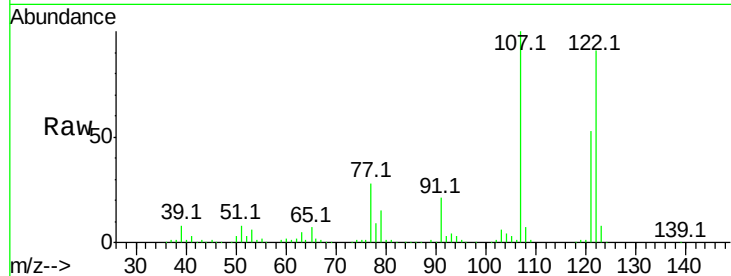
ClientSampleId :

AMBOY-SB-29COMP(0.5-15.0)MSD

Tot Ion:	122	Resp:	325826
Ion Ratio	Lower	Upper	
122	100		
107	109.6	93.0	139.6
121	58.3	45.9	68.9

Manual Integrations
APPROVED

Sohil
4/5/2016 6:39:19 PM



#28

bis(2-Chloroethoxy)methane

Concen: 50.35 ng

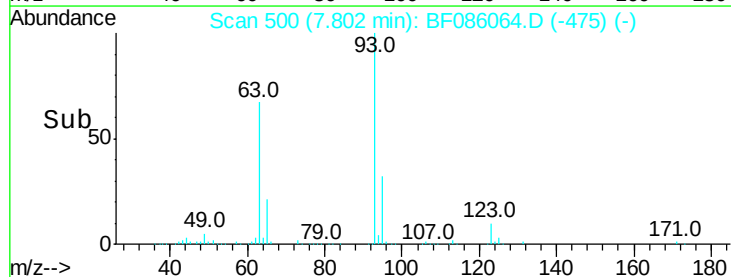
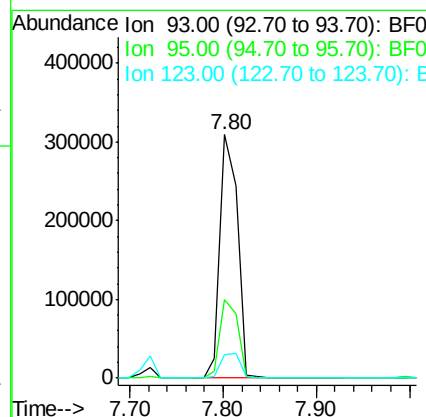
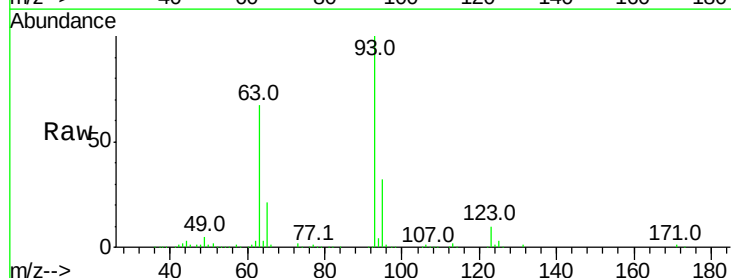
RT: 7.80 min Scan# 500

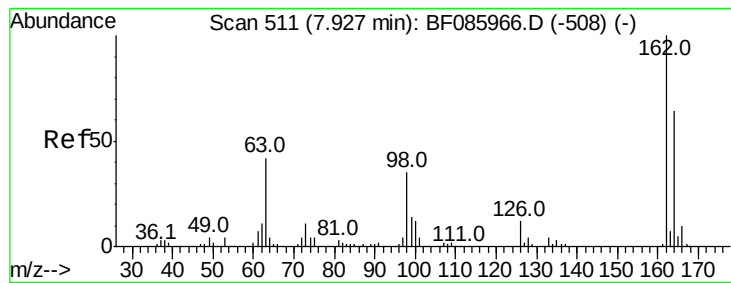
Delta R.T. -0.01 min

Lab File: BF086064.D

Acq: 5 Apr 2016 5:06

Tgt Ion:	93	Resp:	403485
Ion Ratio	Lower	Upper	
93	100		
95	32.0	26.4	39.6
123	9.7	9.8	14.6#





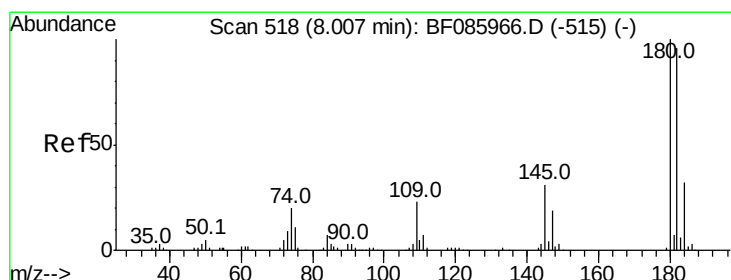
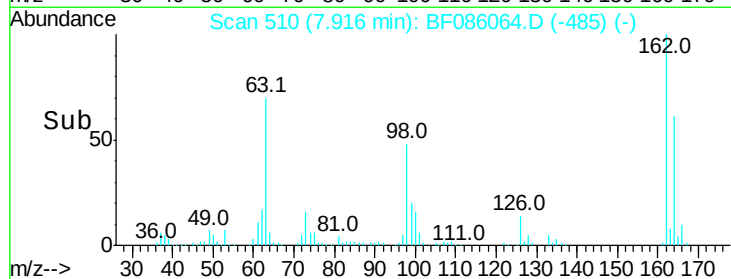
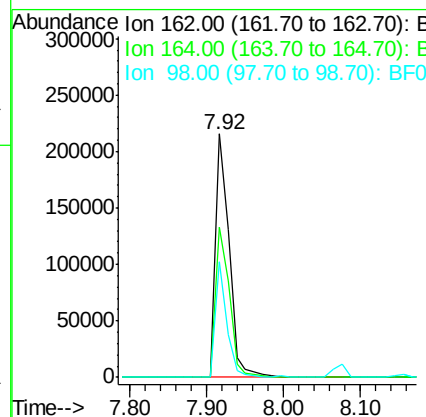
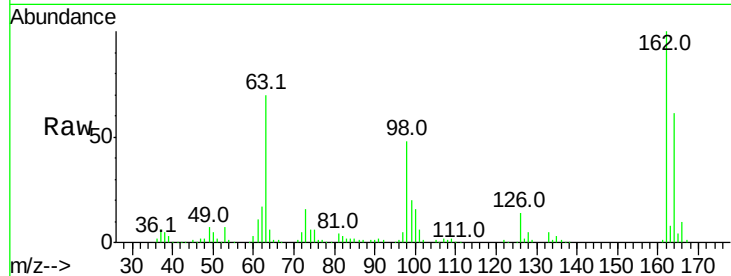
#29
 2,4-Dichlorophenol
 Concen: 47.59 ng
 RT: 7.92 min Scan# 510
 Delta R.T. -0.01 min
 Lab File: BF086064.D
 Acq: 5 Apr 2016 5:06

Instrument :
 BNA_F
 ClientSampleId :
 AMBOY-SB-29COMP(0.5-15.0)MSD

Tot Ion	Ratio	Resp	Lower	Upper
162	100	261718		
164	61.5	43.7	83.7	
98	47.6	20.4	60.4	

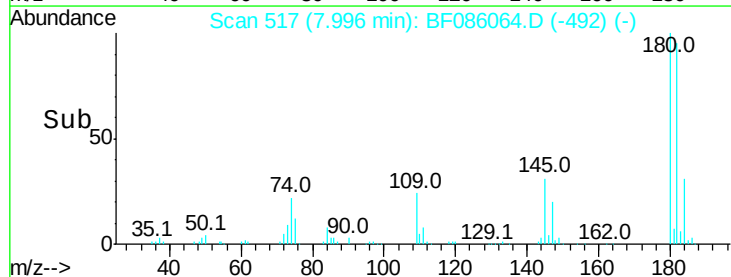
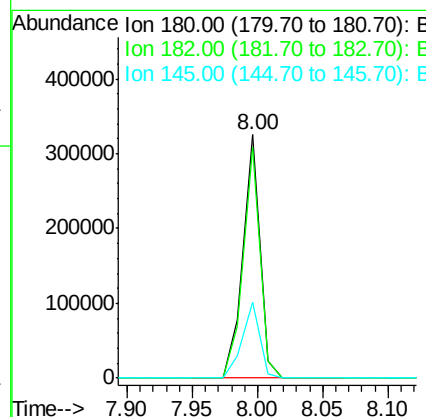
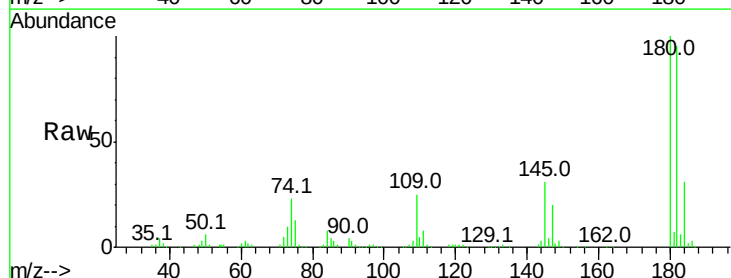
Manual Integrations
 APPROVED

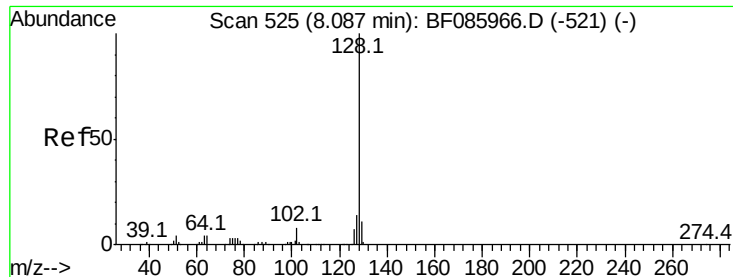
Sohil
 4/5/2016 6:39:19 PM



#30
 1,2,4-Trichlorobenzene
 Concen: 47.62 ng
 RT: 8.00 min Scan# 517
 Delta R.T. -0.01 min
 Lab File: BF086064.D
 Acq: 5 Apr 2016 5:06

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	293935		
182	94.7	73.8	110.8	
145	31.4	28.4	42.6	





#31

Naphthalene

Concen: 47.97 ng

RT: 8.08 min Scan# 524

Delta R.T. -0.01 min

Lab File: BF086064.D

Acq: 5 Apr 2016 5:06

Instrument :

BNA_F

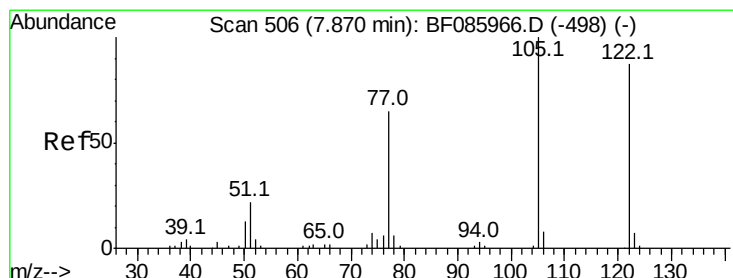
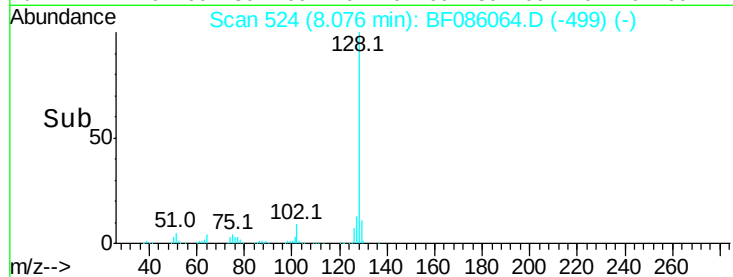
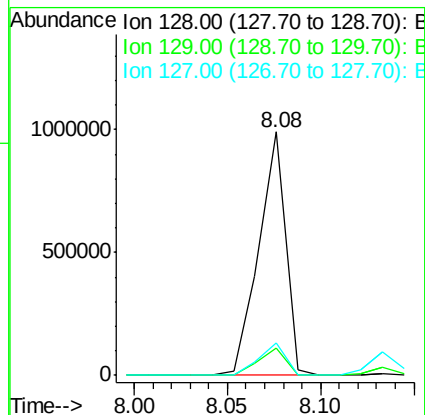
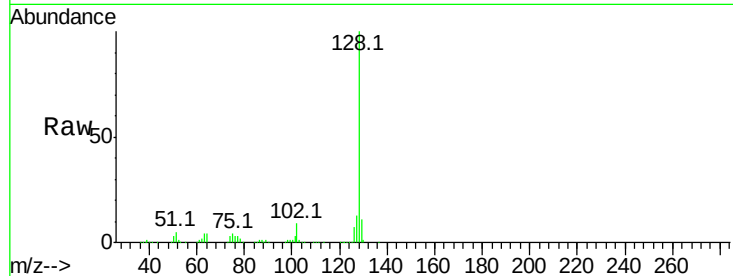
ClientSampleId :

AMBOY-SB-29COMP(0.5-15.0)MSD

Tot Ion:	128	Resp:	984586
Ion Ratio	Lower	Upper	
128	100		
129	11.0	9.4	14.0
127	13.4	11.0	16.6

Manual Integrations
APPROVED

Sohil
4/5/2016 6:39:19 PM



#32

Benzoic acid

Concen: 7.94 ng

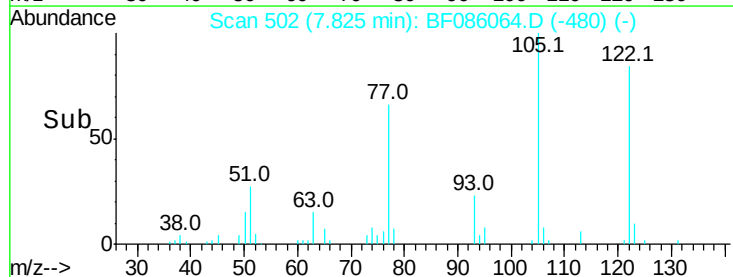
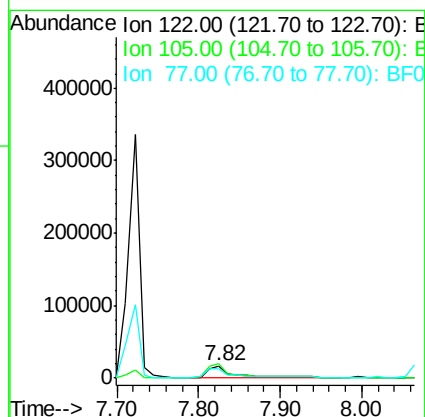
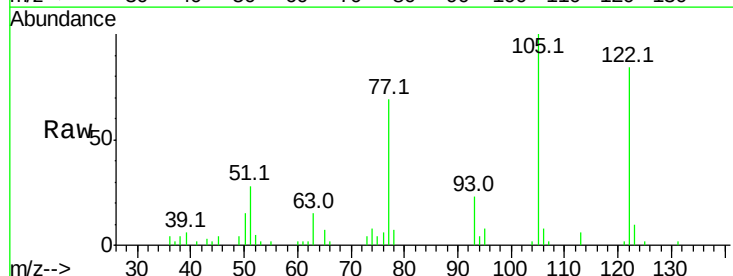
RT: 7.82 min Scan# 502

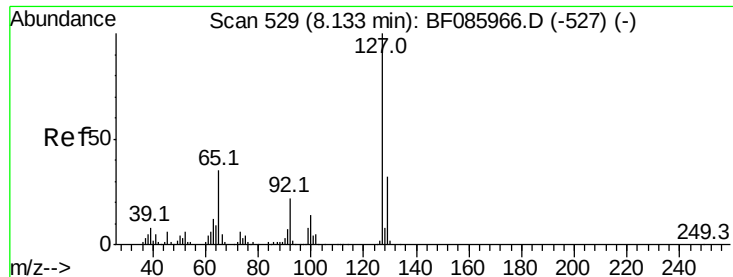
Delta R.T. -0.05 min

Lab File: BF086064.D

Acq: 5 Apr 2016 5:06

Tgt Ion:	122	Resp:	37906
Ion Ratio	Lower	Upper	
122	100		
105	119.1	102.9	142.9
77	81.6	71.8	111.8





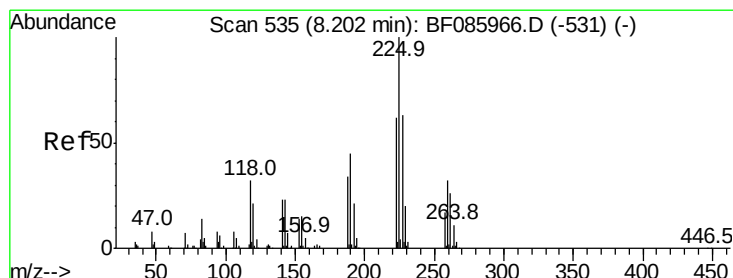
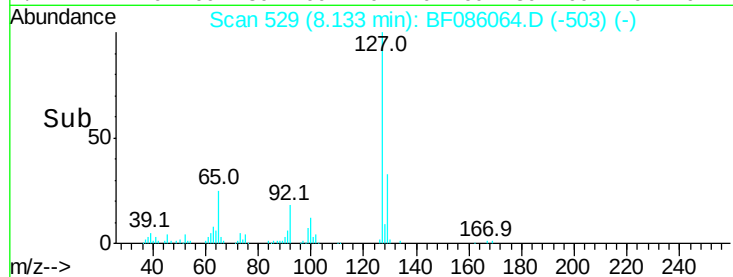
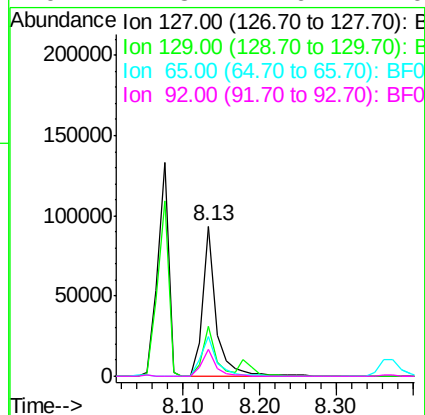
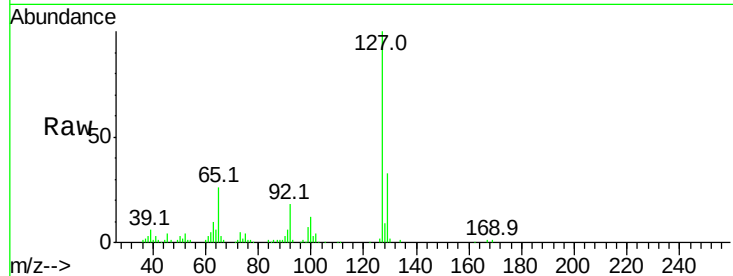
#33
4-Chloroaniline
Concen: 13.68 ng
RT: 8.13 min Scan# 529
Delta R.T. 0.00 min
Lab File: BF086064.D
Acq: 5 Apr 2016 5:06

Instrument :
BNA_F
ClientSampleId :
AMBOY-SB-29COMP(0.5-15.0)MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	33.2	26.1	39.1		
65	26.1	19.5	29.3		
92	17.8	14.6	22.0		

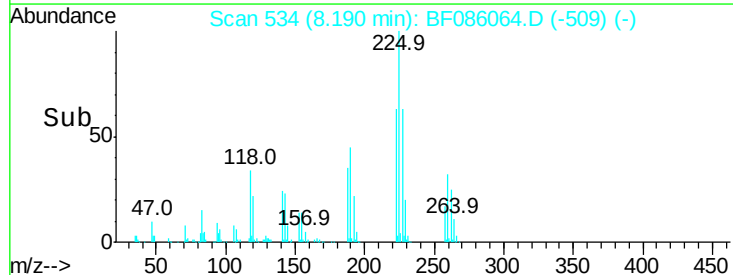
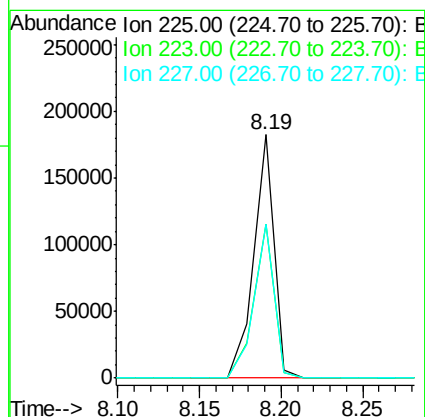
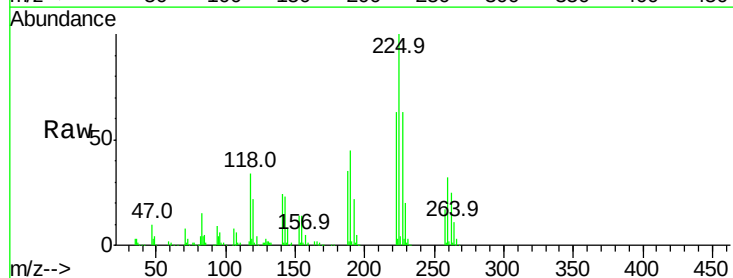
Manual Integrations
APPROVED

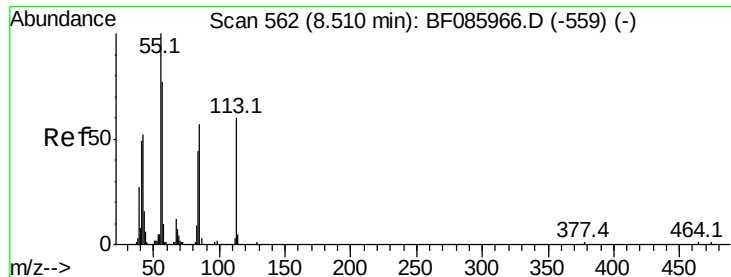
Sohil
4/5/2016 6:39:19 PM



#34
Hexachlorobutadiene
Concen: 47.57 ng
RT: 8.19 min Scan# 534
Delta R.T. -0.01 min
Lab File: BF086064.D
Acq: 5 Apr 2016 5:06

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	63.0	50.4	75.6		
227	63.4	51.4	77.2		





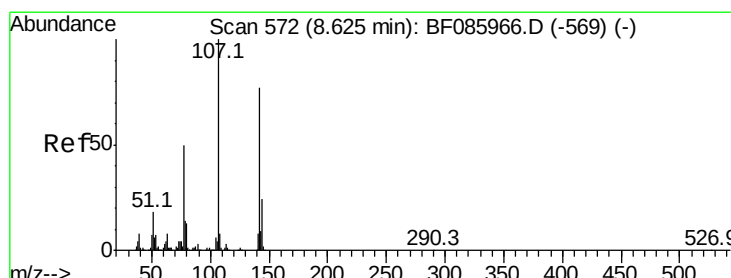
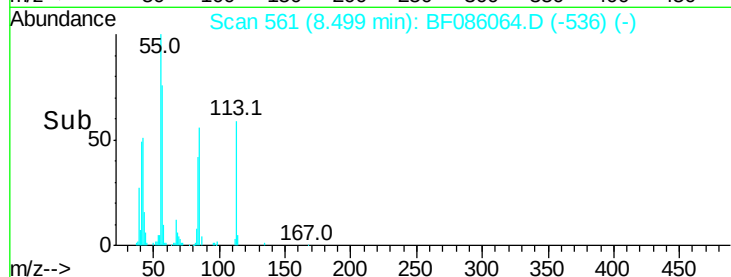
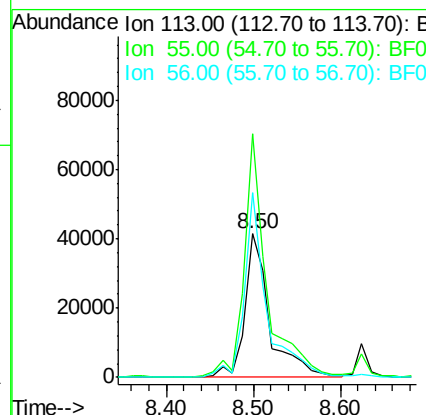
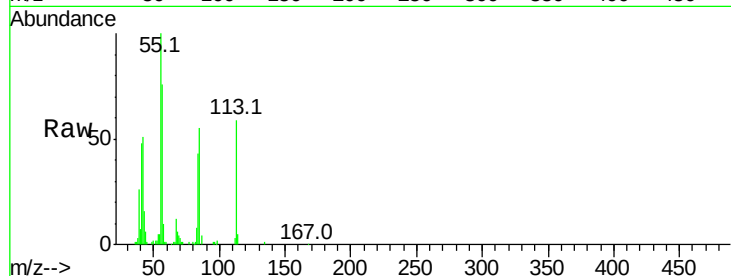
#35
 Caprolactam
 Concen: 47.27 ng
 RT: 8.50 min Scan# 561
 Delta R.T. -0.01 min
 Lab File: BF086064.D
 Acq: 5 Apr 2016 5:06

Instrument :
 BNA_F
 ClientSampleId :
 AMBOY-SB-29COMP(0.5-15.0)MSD

Tot Ion	Ratio	Lower	Upper
113	100		
55	169.8	139.4	179.4
56	128.6	100.4	140.4

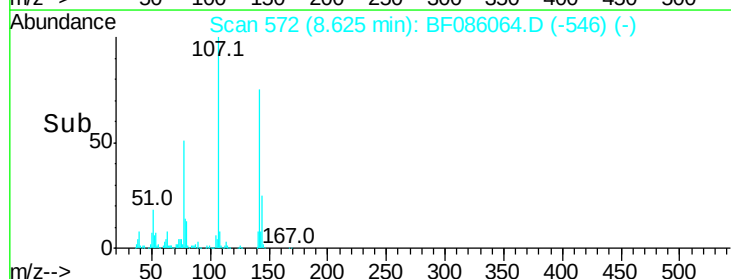
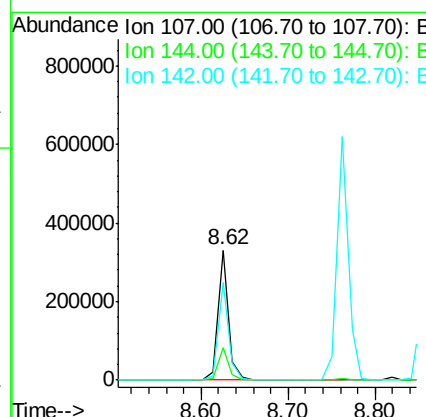
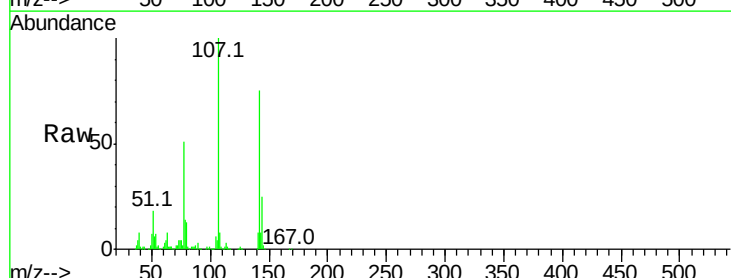
Manual Integrations
 APPROVED

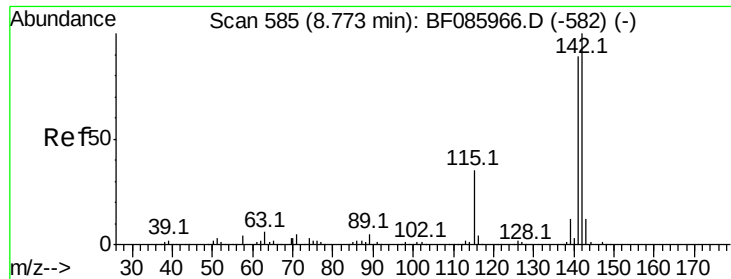
Sohil
 4/5/2016 6:39:19 PM



#36
 4-Chloro-3-methylphenol
 Concen: 45.60 ng
 RT: 8.62 min Scan# 572
 Delta R.T. 0.00 min
 Lab File: BF086064.D
 Acq: 5 Apr 2016 5:06

Tgt Ion	Ratio	Lower	Upper
107	100		
144	24.6	19.3	28.9
142	75.2	61.4	92.0





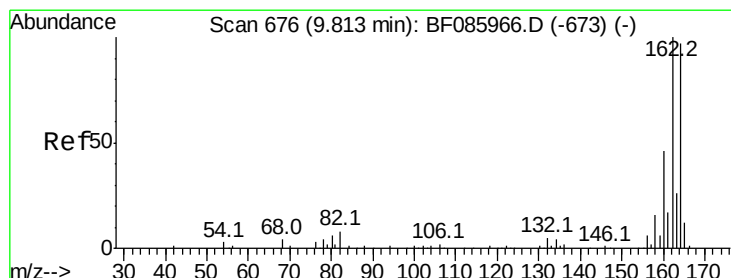
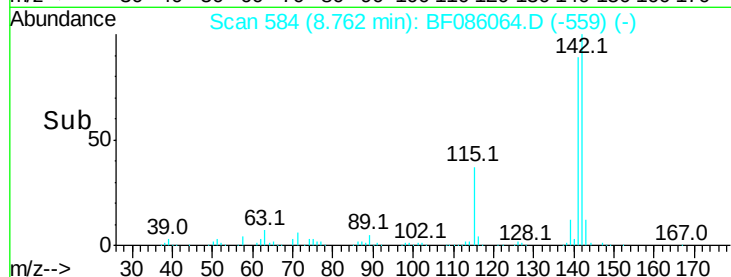
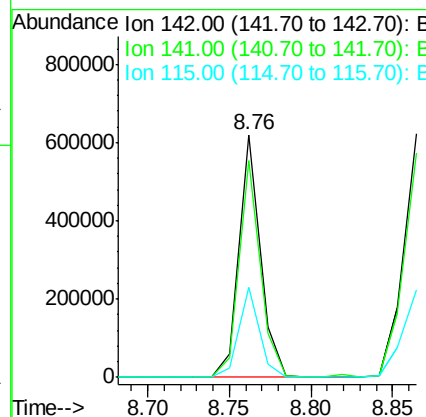
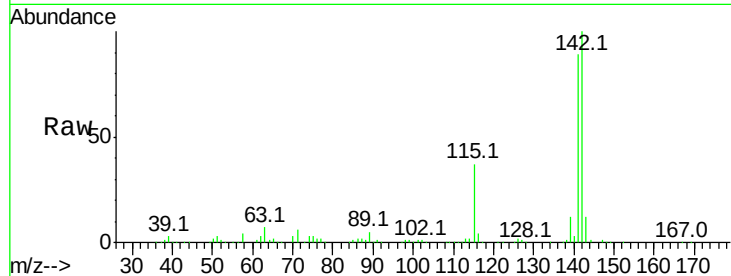
#37
 2-Methylnaphthalene
 Concen: 41.67 ng
 RT: 8.76 min Scan# 584
 Delta R.T. -0.01 min
 Lab File: BF086064.D
 Acq: 5 Apr 2016 5:06

Instrument :
 BNA_F
 ClientSampleId :
 AMBOY-SB-29COMP(0.5-15.0)MSD

Tot Ion	Ratio	Resp	Lower	Upper
142	100	558698		
141	89.1	71.6	107.4	
115	37.0	26.8	40.2	

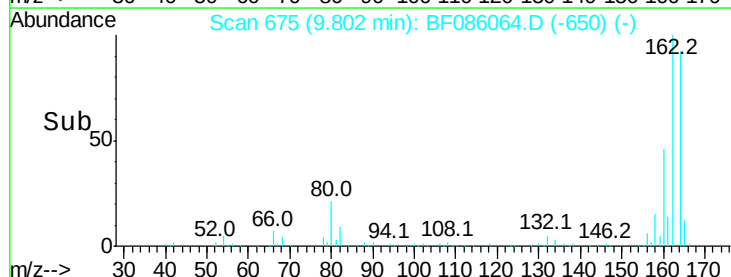
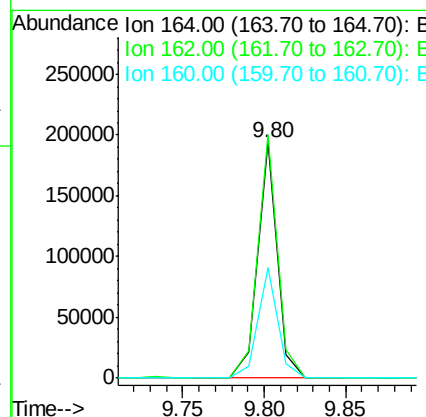
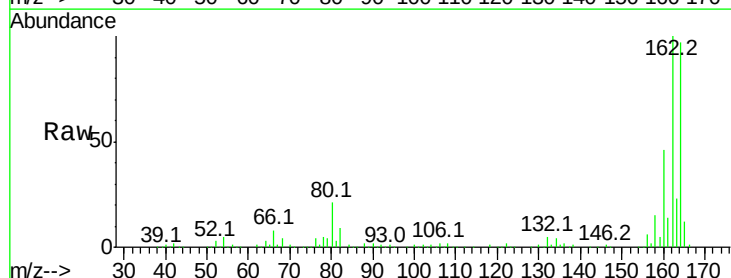
Manual Integrations
 APPROVED

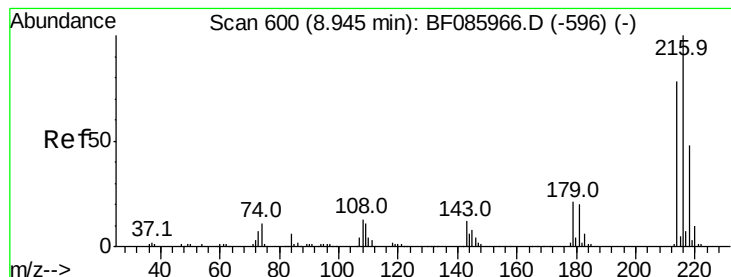
Sohil
 4/5/2016 6:39:19 PM



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.80 min Scan# 675
 Delta R.T. -0.01 min
 Lab File: BF086064.D
 Acq: 5 Apr 2016 5:06

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	161391		
162	103.3	82.1	123.1	
160	47.1	37.4	56.2	





#39

1,2,4,5-Tetrachlorobenzene

Concen: 52.13 ng

RT: 8.93 min Scan# 599

Delta R.T. -0.01 min

Lab File: BF086064.D

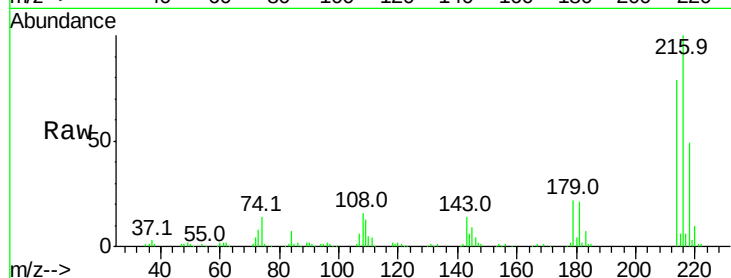
Acq: 5 Apr 2016 5:06

Instrument :

BNA_F

ClientSampleId :

AMBOY-SB-29COMP(0.5-15.0)MSD



Tot Ion:216 Resp: 252887

Ion Ratio Lower Upper

216 100

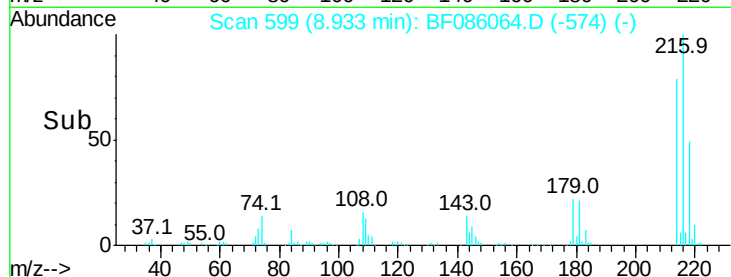
214 79.4 63.1 94.7

179 23.3 18.2 27.2

108 20.1 17.3 25.9

Manual Integrations
APPROVED

Sohil
4/5/2016 6:39:19 PM

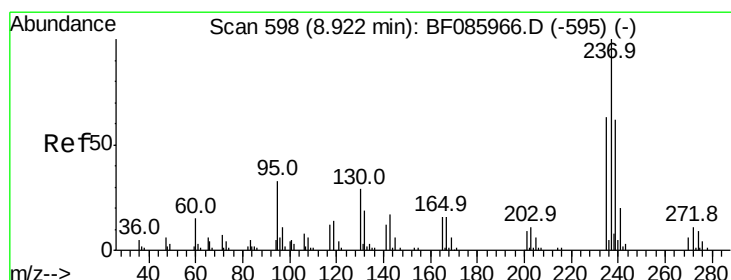
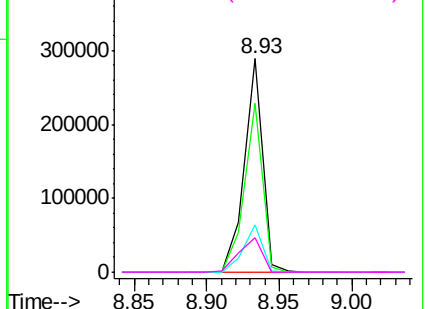


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 11.78 ng

RT: 8.91 min Scan# 597

Delta R.T. -0.01 min

Lab File: BF086064.D

Acq: 5 Apr 2016 5:06

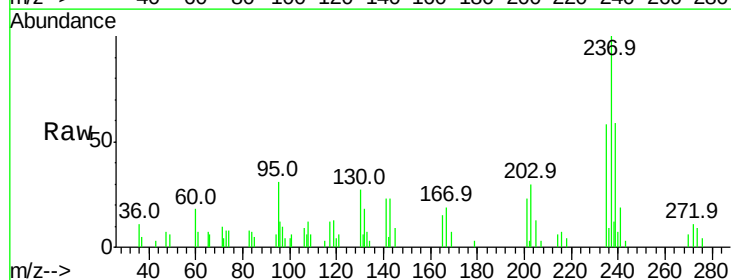
Tgt Ion:237 Resp: 8544

Ion Ratio Lower Upper

237 100

235 58.2 43.7 83.7

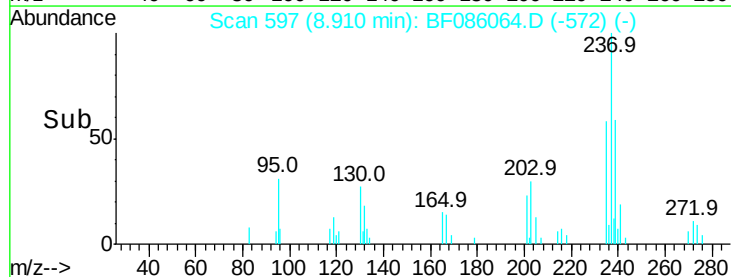
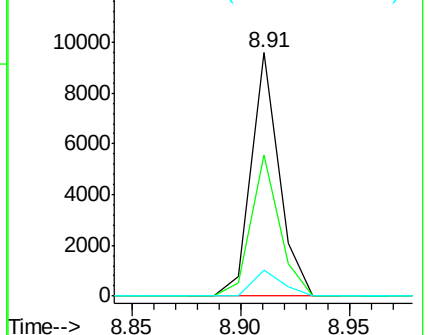
272 10.8 0.0 31.9

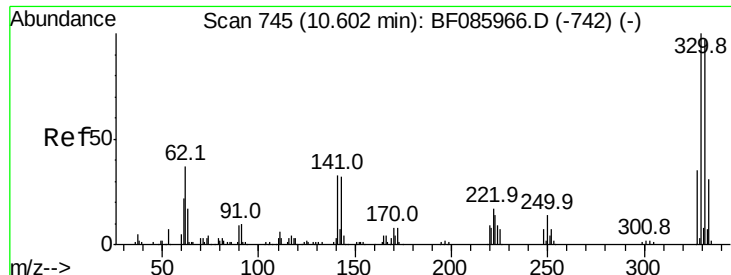


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E





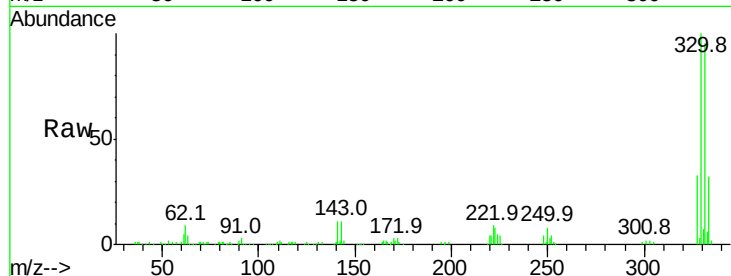
#41
 2,4,6-Tribromophenol
 Concen: 122.46 ng
 RT: 10.60 min Scan# 745
 Delta R.T. 0.00 min
 Lab File: BF086064.D
 Acq: 5 Apr 2016 5:06

Instrument :
 BNA_F
 ClientSampleId :
 AMBOY-SB-29COMP(0.5-15.0)MSD

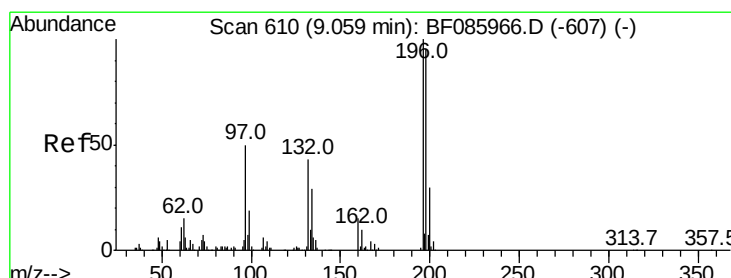
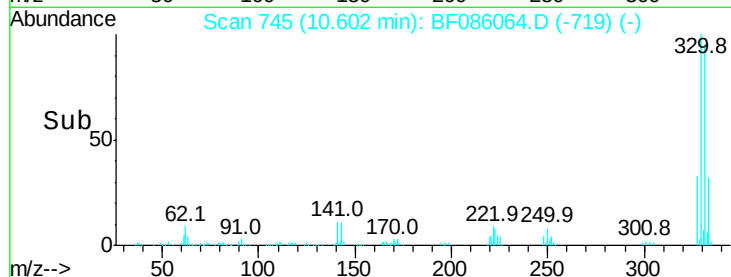
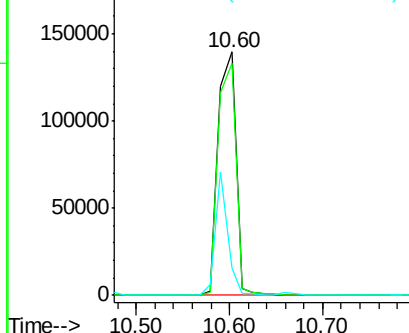
Tot Ion	Ratio	Resp	Lower	Upper
330	100	185497		
332	96.2	78.2	117.2	
141	35.4	31.5	47.3	

Manual Integrations
 APPROVED

Sohil
 4/5/2016 6:39:19 PM

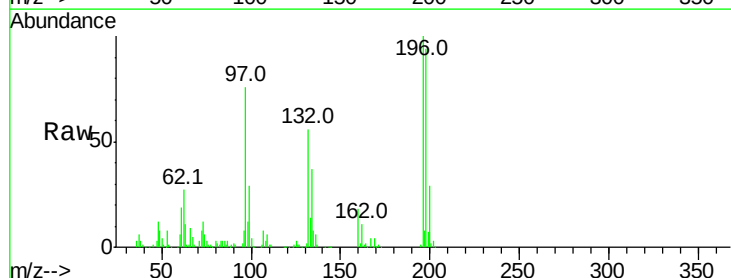


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

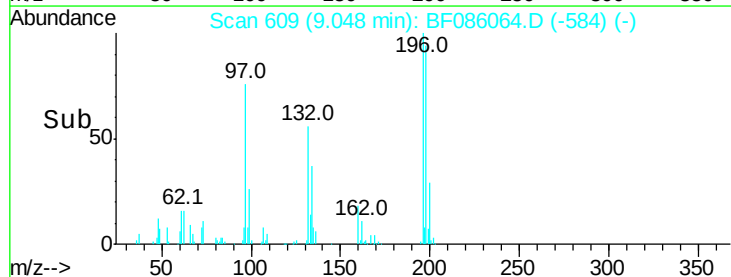
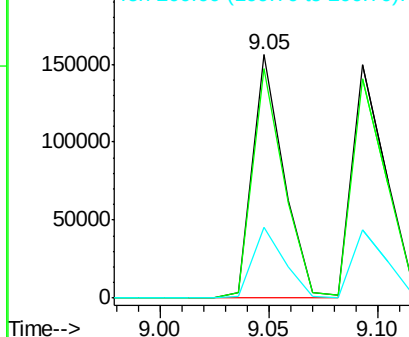


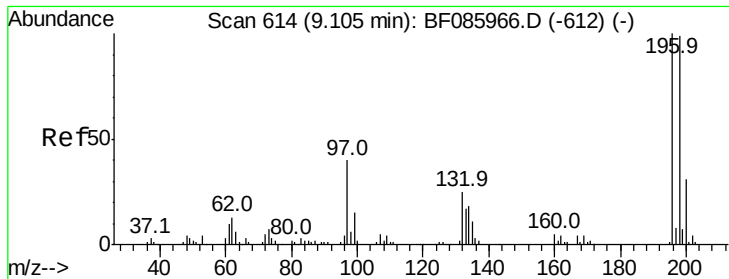
#42
 2,4,6-Trichlorophenol
 Concen: 50.18 ng
 RT: 9.05 min Scan# 609
 Delta R.T. -0.01 min
 Lab File: BF086064.D
 Acq: 5 Apr 2016 5:06

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	156317		
198	94.4	75.3	112.9	
200	29.0	23.7	35.5	



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





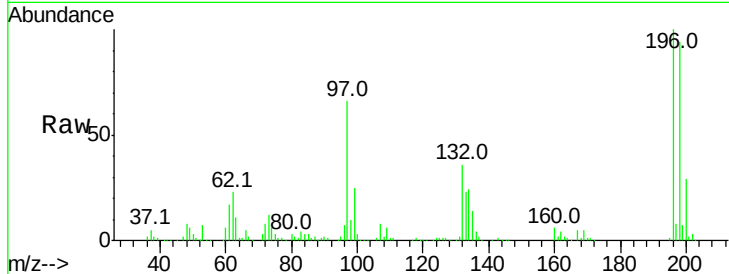
#43
 2,4,5-Trichlorophenol
 Concen: 51.88 ng
 RT: 9.09 min Scan# 613
 Delta R.T. -0.01 min
 Lab File: BF086064.D
 Acq: 5 Apr 2016 5:06

Instrument :
 BNA_F
 ClientSampleId :
 AMBOY-SB-29COMP(0.5-15.0)MSD

Tot Ion	Ratio	Resp	Lower	Upper
196	100	164059		
198	94.0	76.6	114.8	
97	65.9	30.5	45.7#	
132	35.8	20.2	30.2#	

Manual Integrations
 APPROVED

Sohil
 4/5/2016 6:39:19 PM



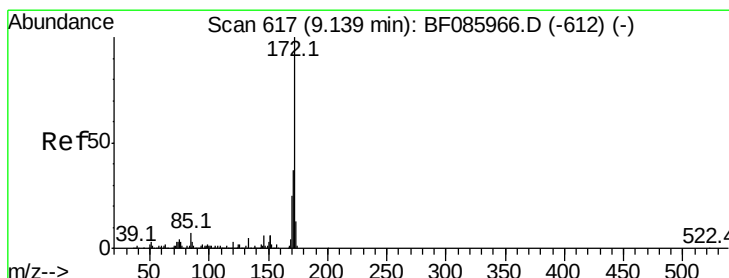
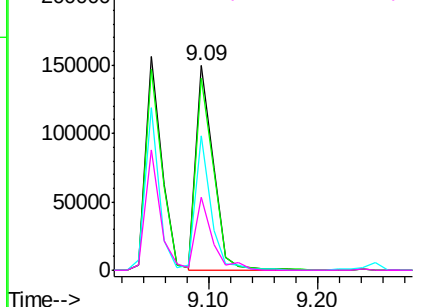
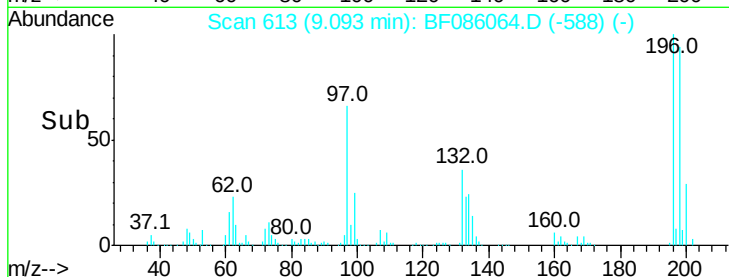
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

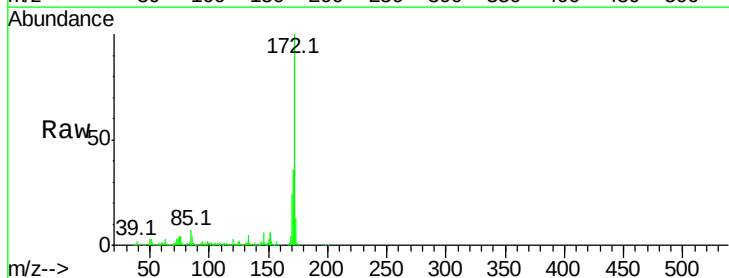
Ion 97.00 (96.70 to 97.70): BF0

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 99.93 ng
 RT: 9.13 min Scan# 616
 Delta R.T. -0.01 min
 Lab File: BF086064.D
 Acq: 5 Apr 2016 5:06

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	969958		
171	36.4	29.4	44.2	
170	24.4	19.8	29.6	

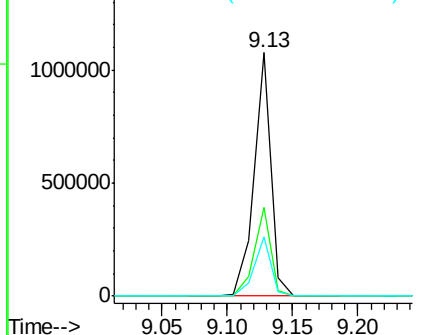
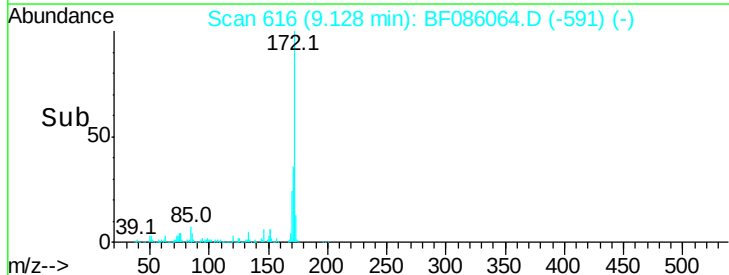


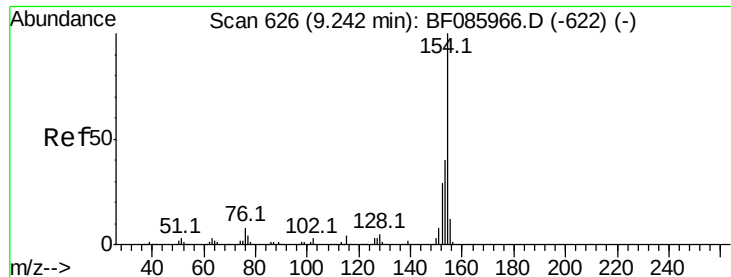
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#45

1,1'-Biphenyl

Concen: 50.47 ng

RT: 9.23 min Scan# 625

Delta R.T. -0.01 min

Lab File: BF086064.D

Acq: 5 Apr 2016 5:06

Instrument :

BNA_F

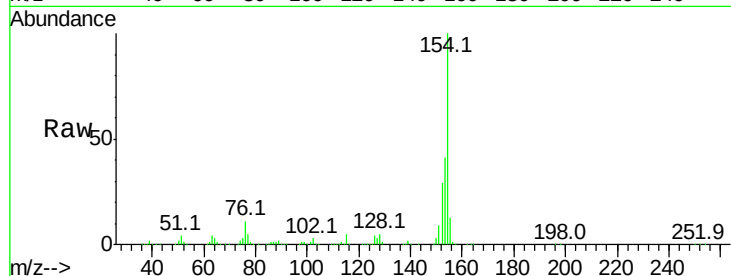
ClientSampleId :

AMBOY-SB-29COMP(0.5-15.0)MSD

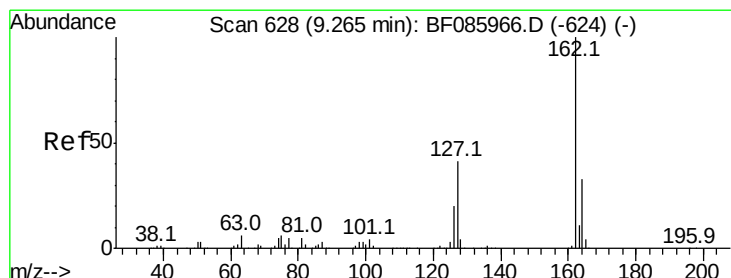
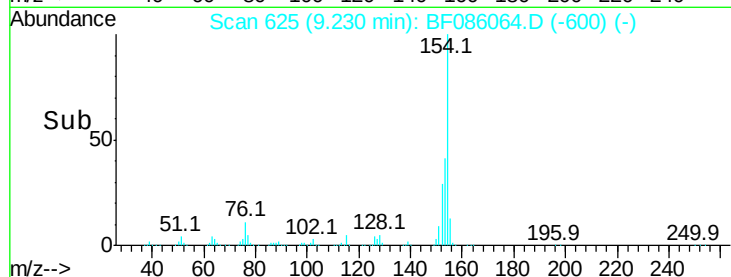
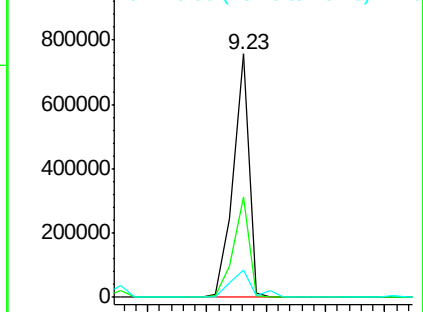
Tot Ion:	154	Resp:	702291
Ion Ratio	Lower	Upper	
154	100		
153	41.3	20.8	60.8
76	11.0	0.0	36.7

Manual Integrations
APPROVED

Sohil
4/5/2016 6:39:19 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: 50.95 ng

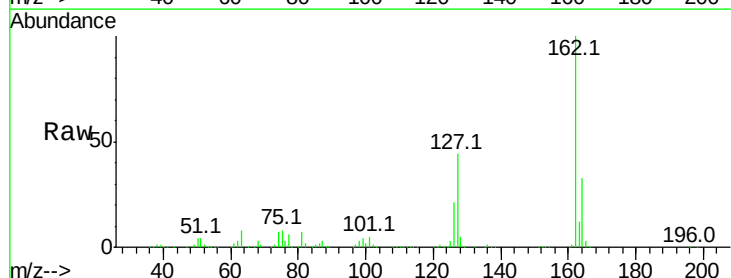
RT: 9.25 min Scan# 627

Delta R.T. -0.01 min

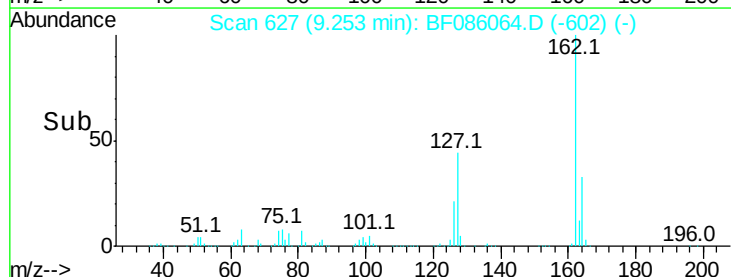
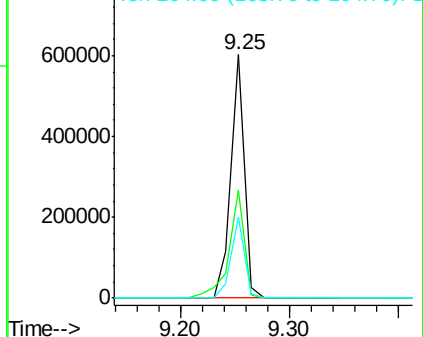
Lab File: BF086064.D

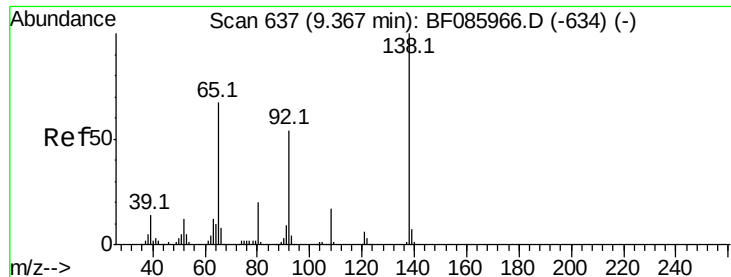
Acq: 5 Apr 2016 5:06

Tgt Ion:	162	Resp:	513958
Ion Ratio	Lower	Upper	
162	100		
127	44.3	31.7	47.5
164	33.2	27.3	40.9



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: 60.52 ng

RT: 9.36 min Scan# 636

Delta R.T. -0.01 min

Lab File: BF086064.D

Acq: 5 Apr 2016 5:06

Instrument :

BNA_F

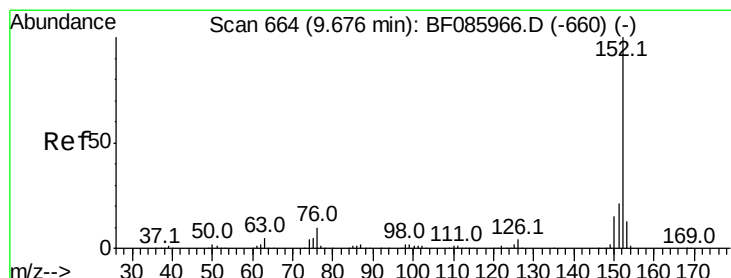
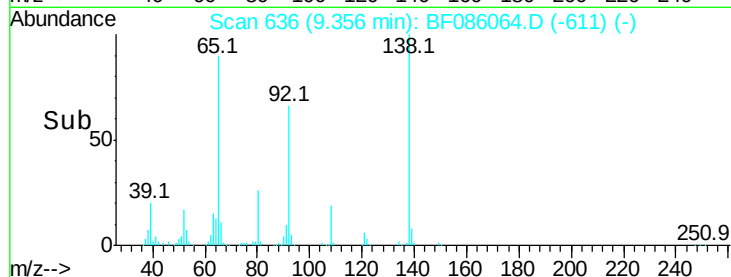
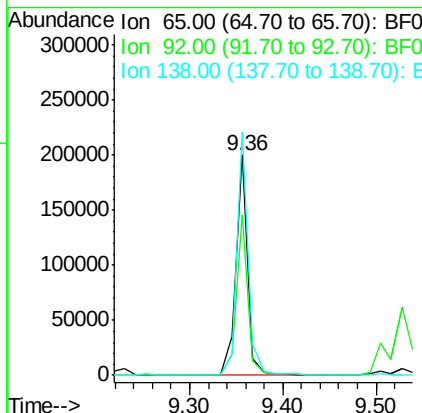
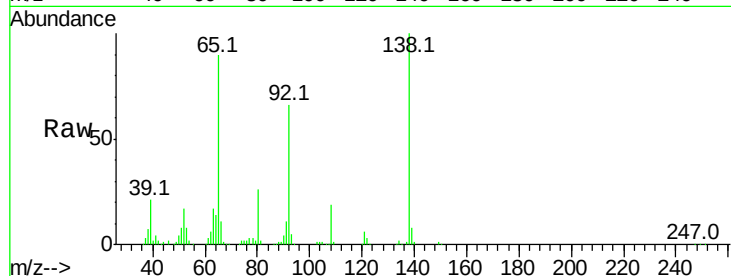
ClientSampleId :

AMBOY-SB-29COMP(0.5-15.0)MSD

Tot Ion:	65	Resp:	178612
Ion Ratio	Lower	Upper	
65	100		
92	72.8	59.7	89.5
138	110.6	91.4	137.0

Manual Integrations
APPROVED

Sohil
4/5/2016 6:39:19 PM



#48

Acenaphthylene

Concen: 47.21 ng

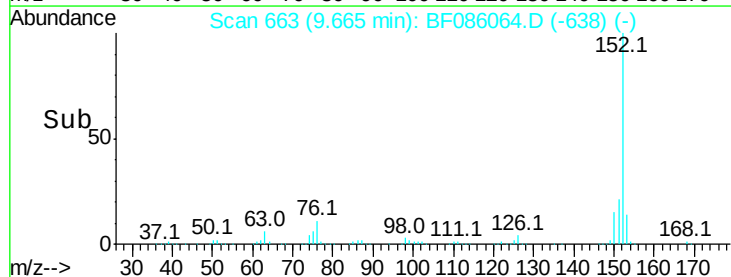
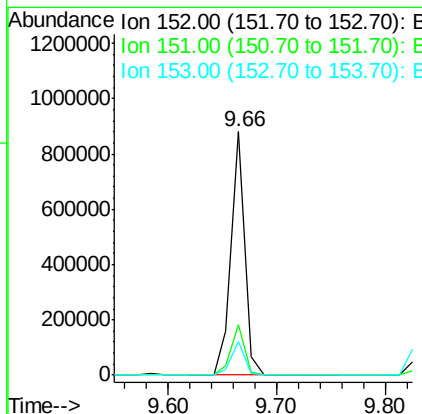
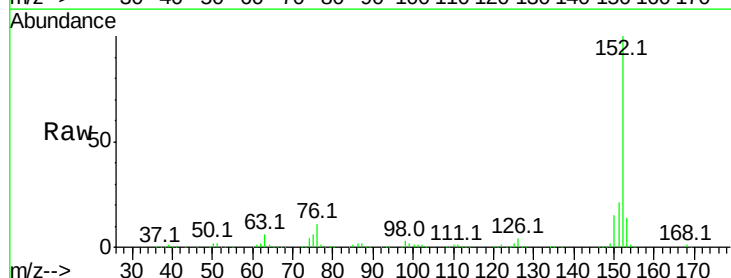
RT: 9.66 min Scan# 663

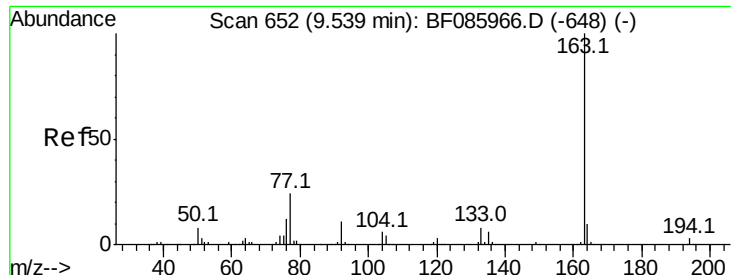
Delta R.T. -0.01 min

Lab File: BF086064.D

Acq: 5 Apr 2016 5:06

Tgt Ion:	152	Resp:	762934
Ion Ratio	Lower	Upper	
152	100		
151	20.8	16.8	25.2
153	13.6	10.9	16.3





#49

Dimethylphthalate

Concen: 60.51 ng

RT: 9.53 min Scan# 651

Delta R.T. -0.01 min

Lab File: BF086064.D

Acq: 5 Apr 2016 5:06

Instrument :

BNA_F

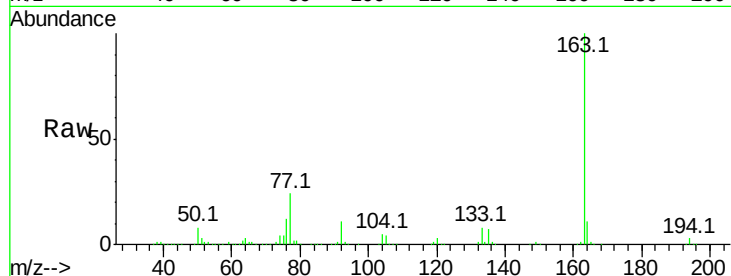
ClientSampleId :

AMBOY-SB-29COMP(0.5-15.0)MSD

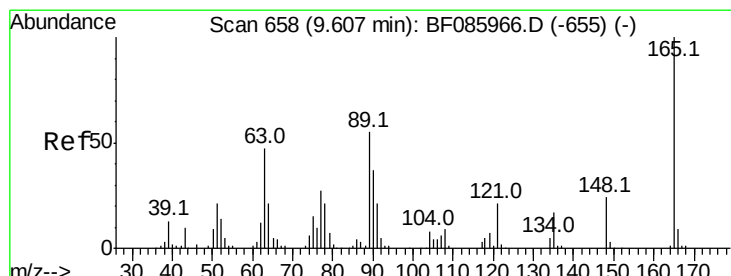
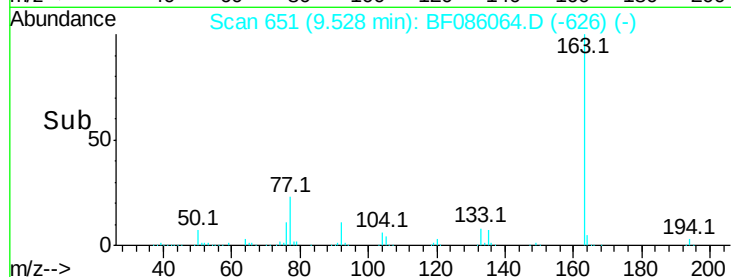
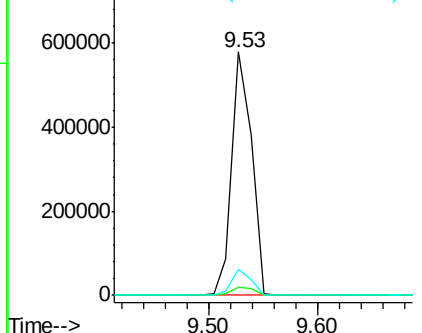
Tot Ion:	163	Resp:	723792
Ion Ratio	Lower	Upper	
163	100		
194	3.3	2.9	4.3
164	10.6	8.3	12.5

Manual Integrations
APPROVED

Sohil
4/5/2016 6:39:19 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: 42.34 ng

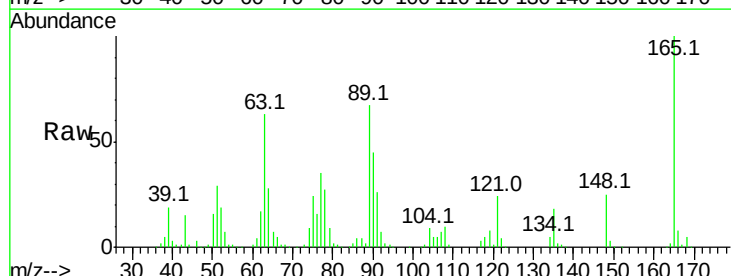
RT: 9.60 min Scan# 657

Delta R.T. -0.01 min

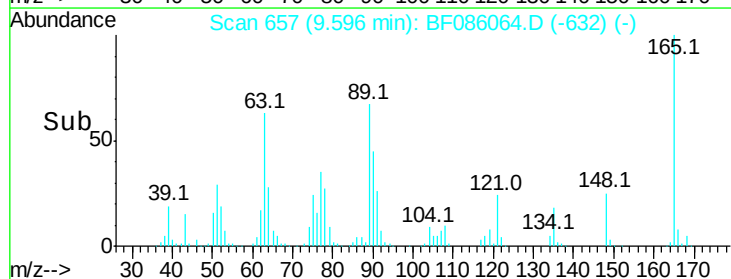
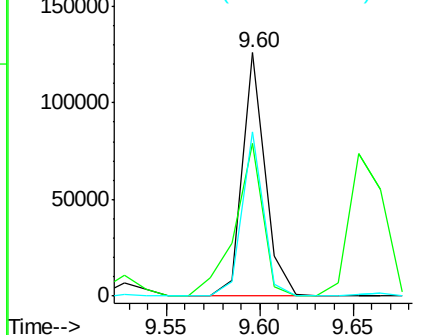
Lab File: BF086064.D

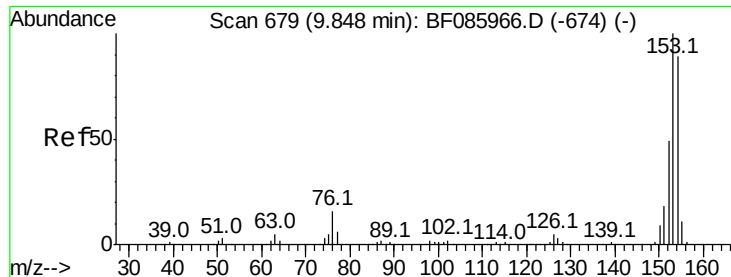
Acq: 5 Apr 2016 5:06

Tgt Ion:	165	Resp:	107164
Ion Ratio	Lower	Upper	
165	100		
63	62.9	51.8	77.8
89	67.2	53.7	80.5



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





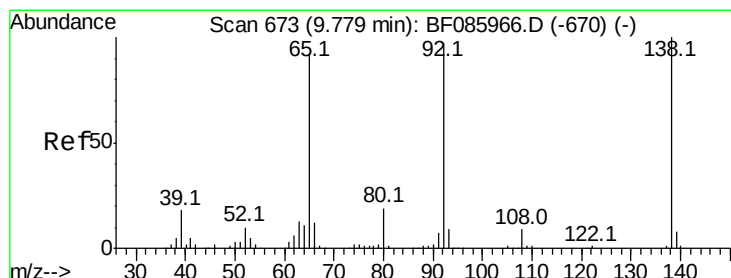
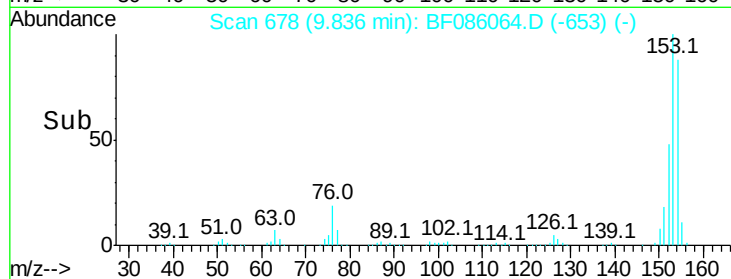
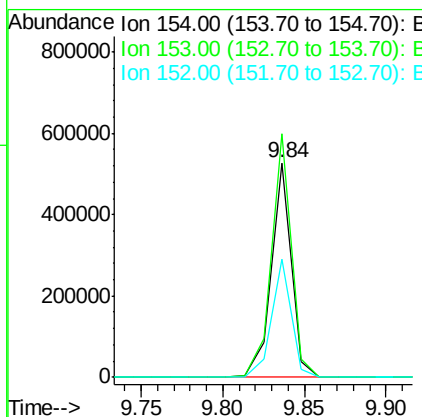
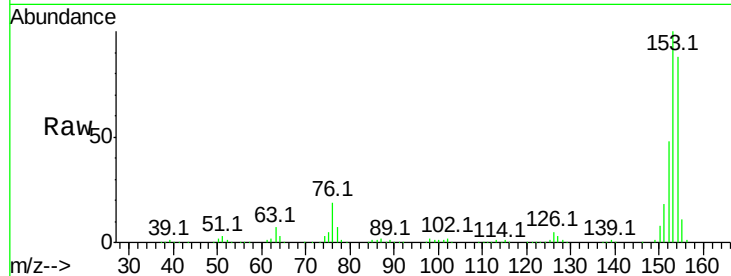
#51
Acenaphthene
Concen: 46.94 ng
RT: 9.84 min Scan# 678
Delta R.T. -0.01 min
Lab File: BF086064.D
Acq: 5 Apr 2016 5:06

Instrument :
BNA_F
ClientSampleId :
AMBOY-SB-29COMP(0.5-15.0)MSD

Tot Ion	Ratio	Lower	Upper
154	100		
153	113.5	90.1	135.1
152	54.9	44.2	66.2

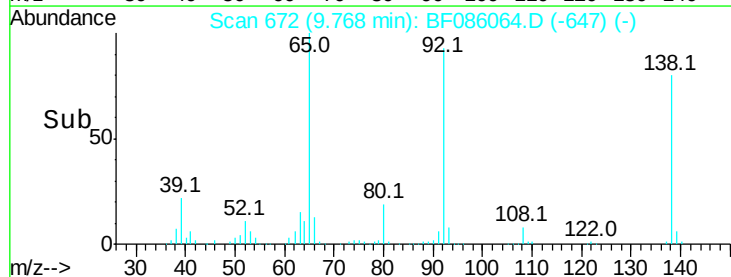
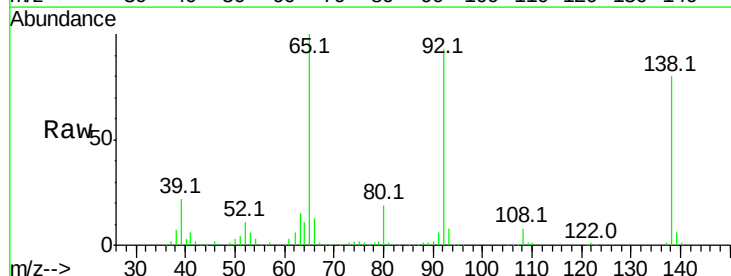
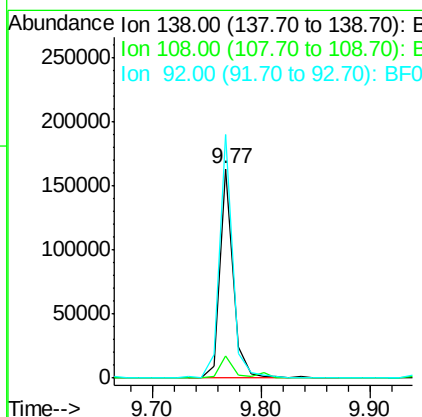
Manual Integrations
APPROVED

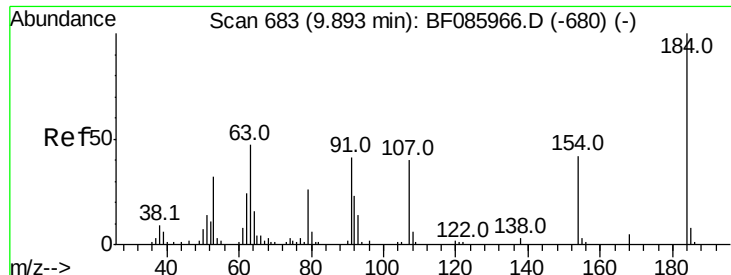
Sohil
4/5/2016 6:39:19 PM



#52
3-Nitroaniline
Concen: 46.13 ng
RT: 9.77 min Scan# 672
Delta R.T. -0.01 min
Lab File: BF086064.D
Acq: 5 Apr 2016 5:06

Tgt Ion	Ratio	Lower	Upper
138	100		
108	10.4	8.7	13.1
92	116.5	93.3	139.9





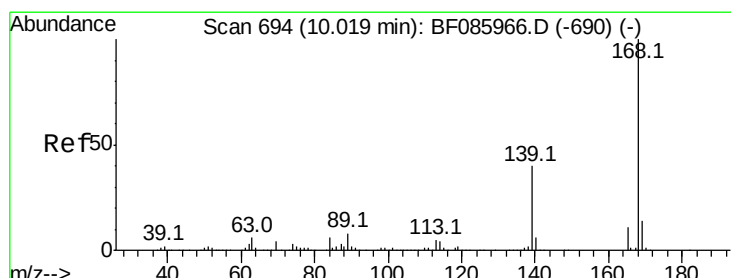
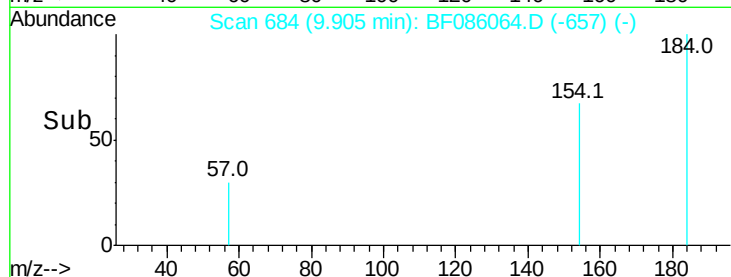
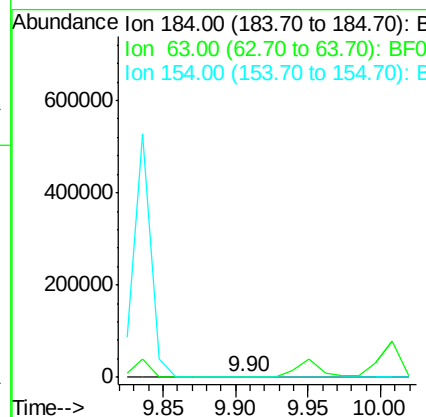
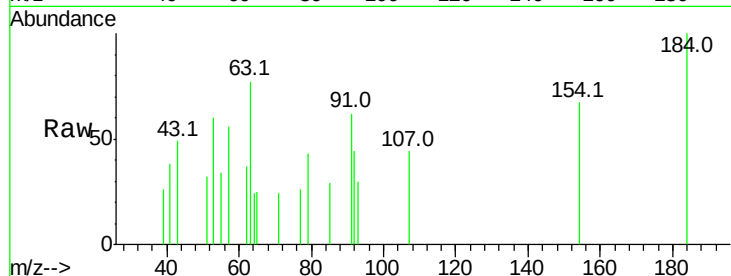
#53
 2,4-Dinitrophenol
 Concen: 5.41 ng
 RT: 9.90 min Scan# 684
 Delta R.T. 0.01 min
 Lab File: BF086064.D
 Acq: 5 Apr 2016 5:06

Instrument :
 BNA_F
 ClientSampleId :
 AMBOY-SB-29COMP(0.5-15.0)MSD

Tot Ion	Ratio	Resp	Lower	Upper
184	100			
63	76.6	69.5	104.3	
154	66.5	58.3	87.5	

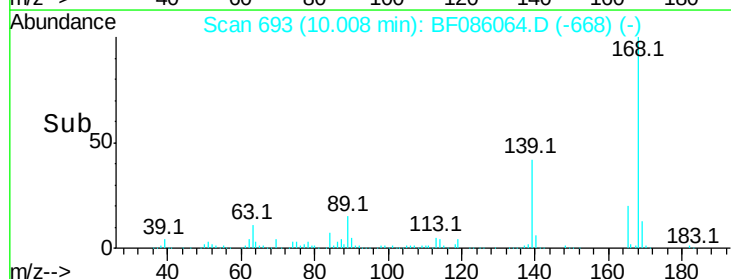
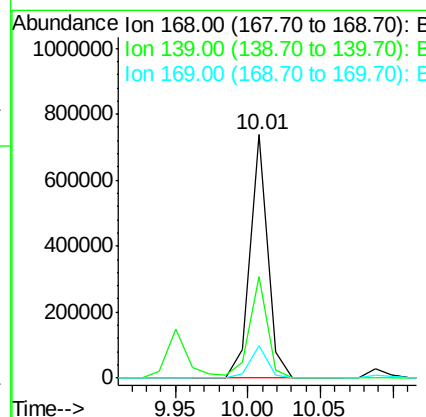
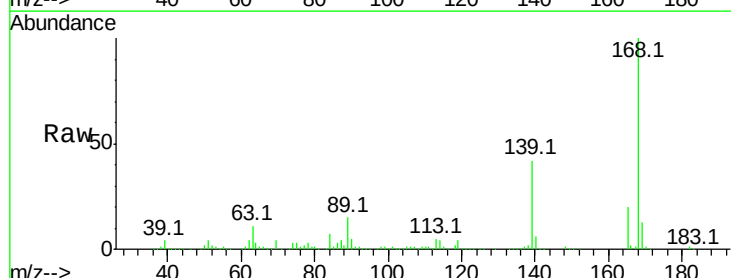
Manual Integrations
 APPROVED

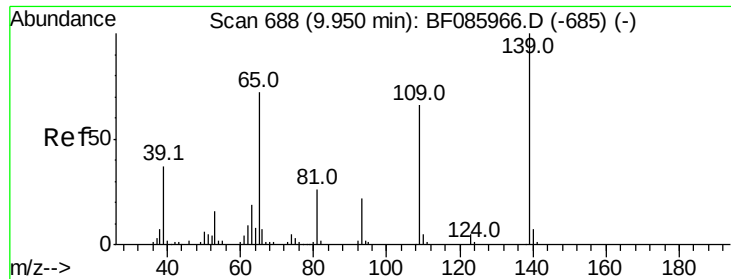
Sohil
 4/5/2016 6:39:19 PM



#54
 Dibenzofuran
 Concen: 49.16 ng
 RT: 10.01 min Scan# 693
 Delta R.T. -0.01 min
 Lab File: BF086064.D
 Acq: 5 Apr 2016 5:06

Tgt Ion	Ratio	Resp	Lower	Upper
168	100			
139	41.5	31.9	47.9	
169	13.4	11.0	16.6	





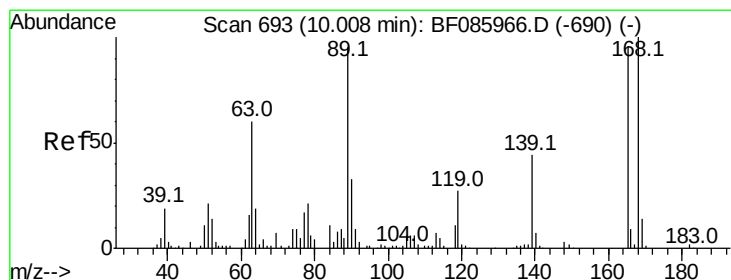
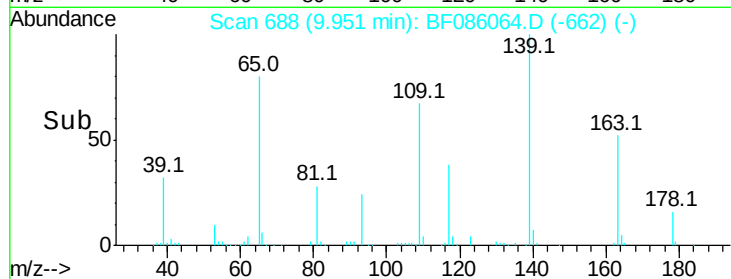
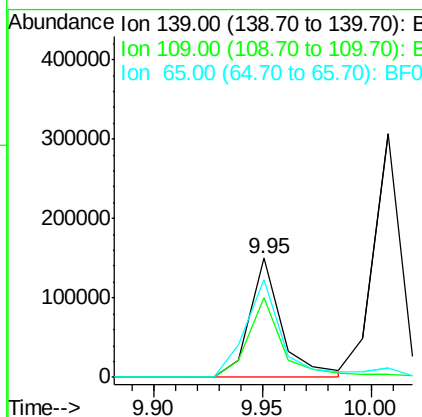
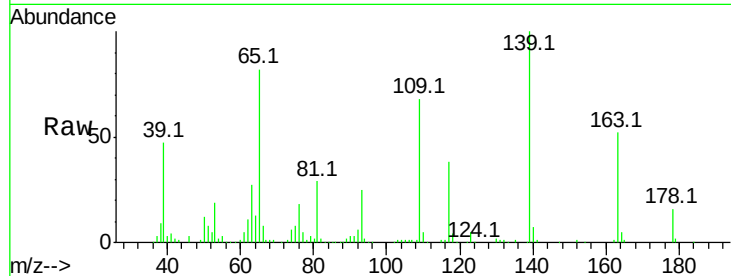
#55
4-Nitrophenol
Concen: 85.64 ng
RT: 9.95 min Scan# 688
Delta R.T. 0.00 min
Lab File: BF086064.D
Acq: 5 Apr 2016 5:06

Instrument :
BNA_F
ClientSampleId :
AMBOY-SB-29COMP(0.5-15.0)MSD

Tot Ion	Ratio	Resp	Lower	Upper
139	100			
109	67.6	49.2	89.2	
65	82.4	66.9	106.9	

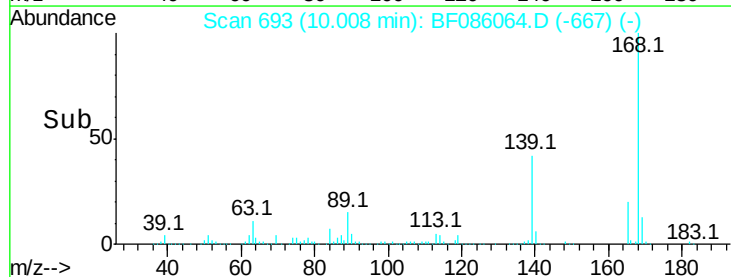
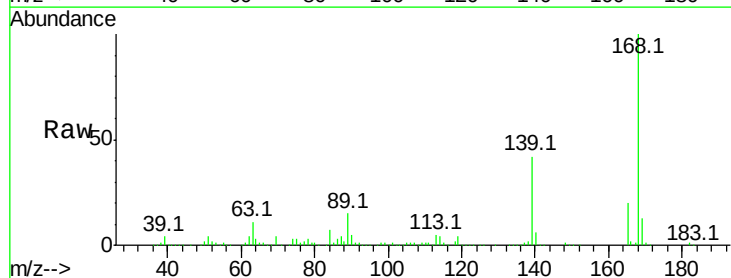
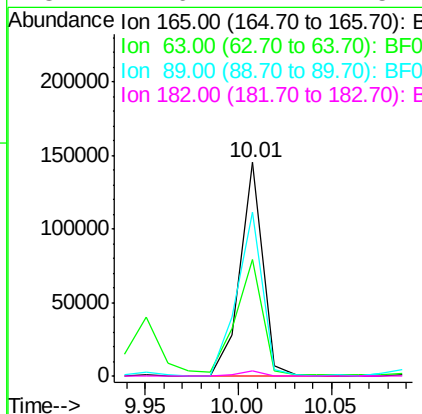
Manual Integrations
APPROVED

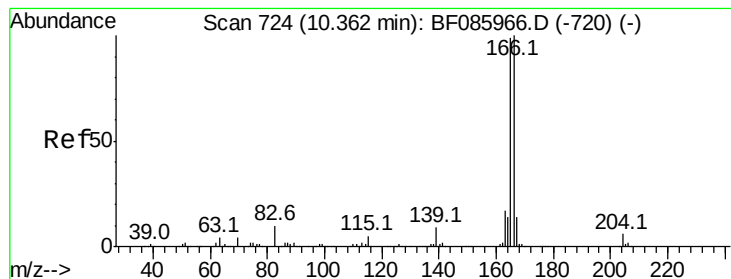
Sohil
4/5/2016 6:39:19 PM



#56
2,4-Dinitrotoluene
Concen: 38.76 ng
RT: 10.01 min Scan# 693
Delta R.T. 0.00 min
Lab File: BF086064.D
Acq: 5 Apr 2016 5:06

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	54.7	24.9	37.3#	
89	76.8	41.0	61.6#	
182	2.6	2.1	3.1	





#57

Fluorene

Concen: 44.60 ng

RT: 10.35 min Scan# 723

Delta R.T. -0.01 min

Lab File: BF086064.D

Acq: 5 Apr 2016 5:06

Instrument :

BNA_F

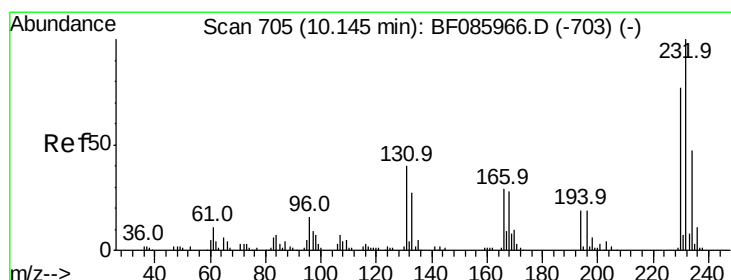
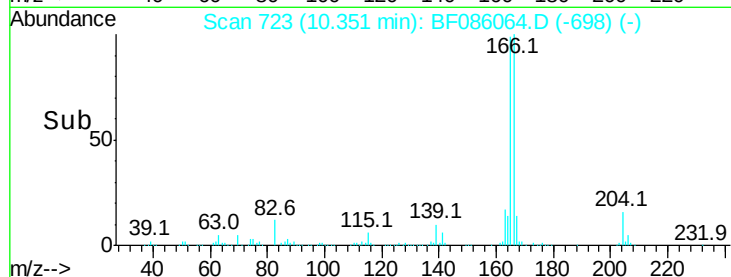
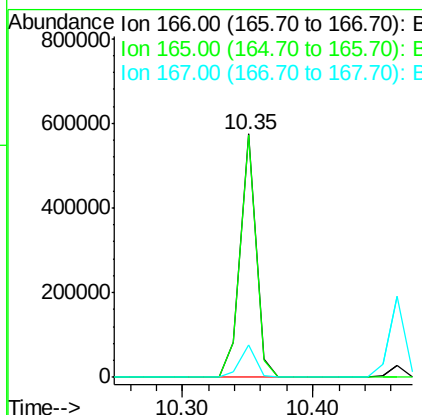
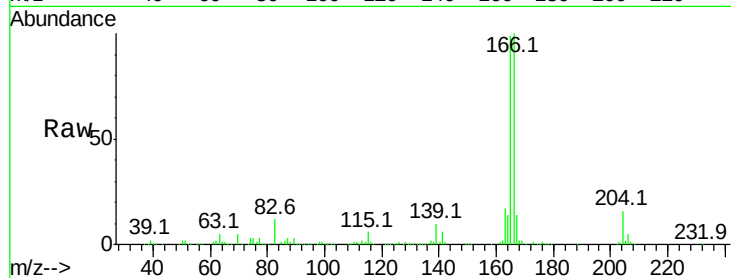
ClientSampleId :

AMBOY-SB-29COMP(0.5-15.0)MSD

Tot Ion:	166	Resp:	483580
Ion Ratio	Lower	Upper	
166	100		
165	99.4	79.4	119.0
167	13.5	11.0	16.4

Manual Integrations
APPROVED

Sohil
4/5/2016 6:39:19 PM



#58

2,3,4,6-Tetrachlorophenol

Concen: 49.08 ng

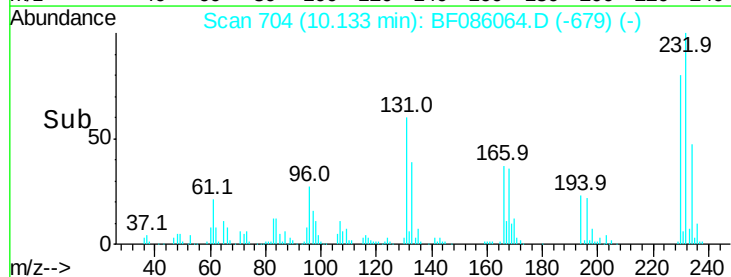
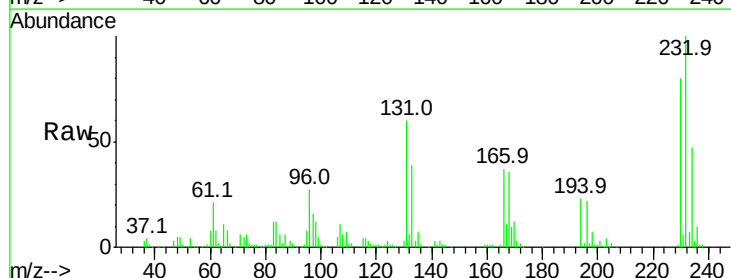
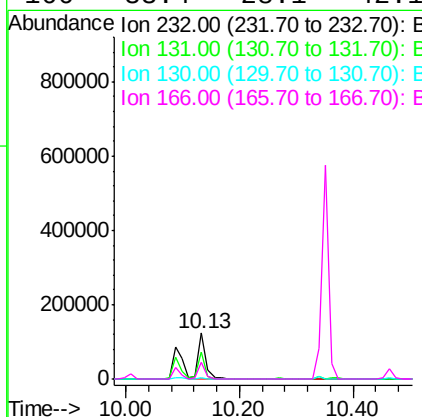
RT: 10.13 min Scan# 704

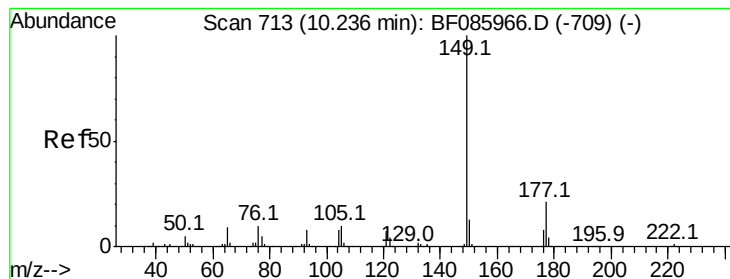
Delta R.T. -0.01 min

Lab File: BF086064.D

Acq: 5 Apr 2016 5:06

Tgt Ion:	232	Resp:	115574
Ion Ratio	Lower	Upper	
232	100		
131	55.2	44.9	67.3
130	2.5	2.3	3.5
166	33.4	28.1	42.1





#59

Diethylphthalate

Concen: 48.04 ng

RT: 10.22 min Scan# 712

Delta R.T. -0.01 min

Lab File: BF086064.D

Acq: 5 Apr 2016 5:06

Instrument :

BNA_F

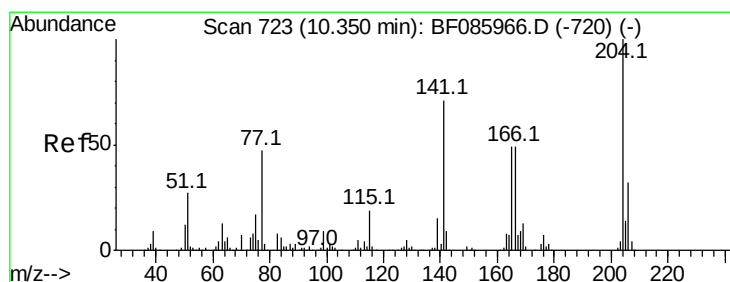
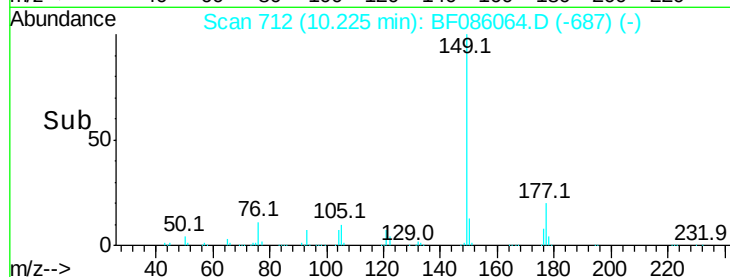
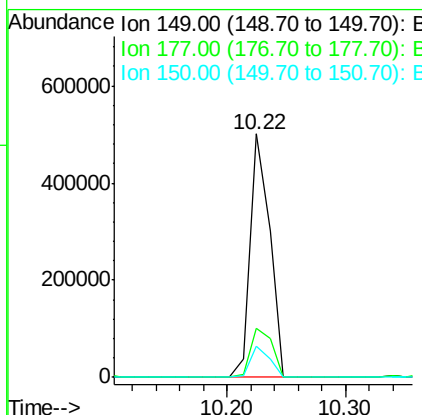
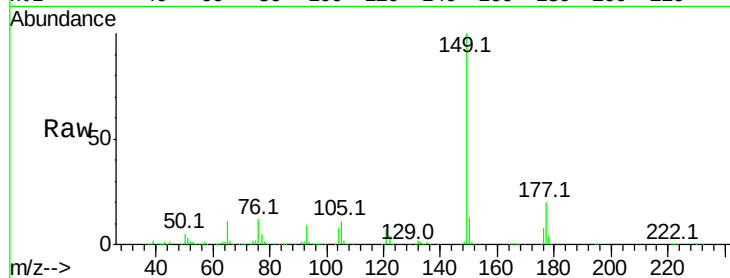
ClientSampleId :

AMBOY-SB-29COMP(0.5-15.0)MSD

Tot Ion:	149	Resp:	580005
Ion Ratio	Lower	Upper	
149	100		
177	20.2	17.9	26.9
150	12.8	10.2	15.2

Manual Integrations
APPROVED

Sohil
4/5/2016 6:39:19 PM



#60

4-Chlorophenyl-phenylether

Concen: 43.46 ng

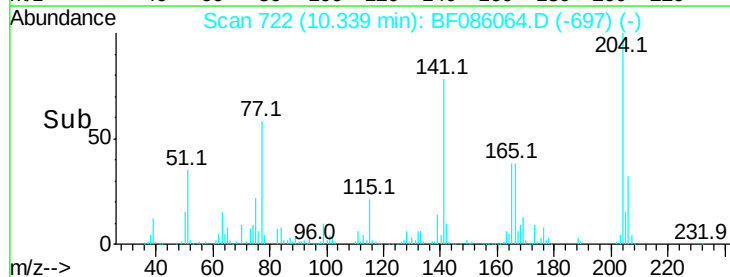
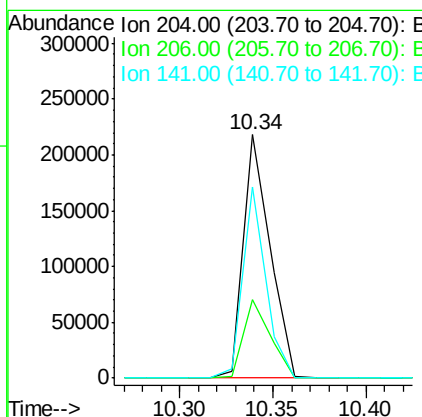
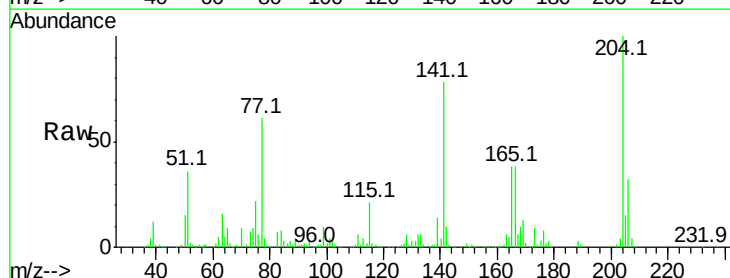
RT: 10.34 min Scan# 722

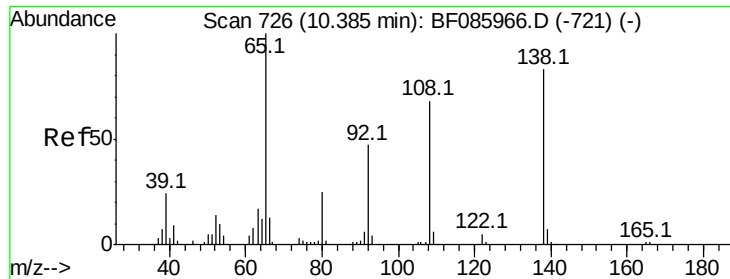
Delta R.T. -0.01 min

Lab File: BF086064.D

Acq: 5 Apr 2016 5:06

Tgt Ion:	204	Resp:	219484
Ion Ratio	Lower	Upper	
204	100		
206	32.0	26.6	39.8
141	78.3	57.4	86.0





#61

4-Nitroaniline

Concen: 50.58 ng

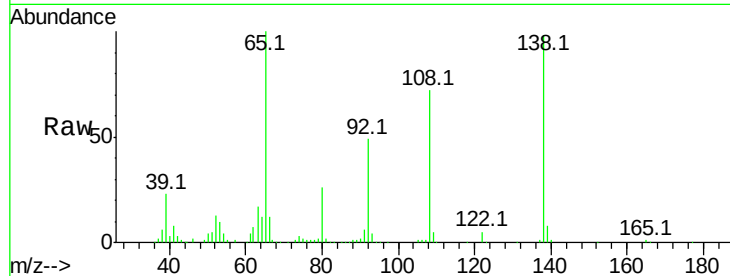
RT: 10.38 min Scan# 726

Delta R.T. 0.00 min

Lab File: BF086064.D

Acq: 5 Apr 2016 5:06

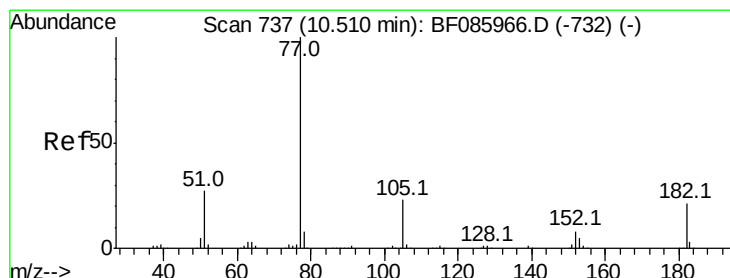
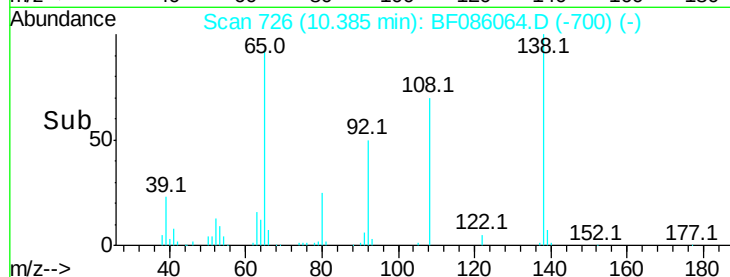
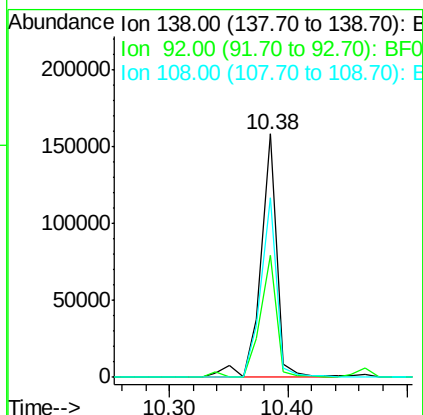
Instrument :
BNA_F
ClientSampleId :
AMBOY-SB-29COMP(0.5-15.0)MSD



Tot Ion	138	Resp	151931
Ion Ratio	Lower	Upper	
138	100		
92	50.2	26.4	66.4
108	73.6	49.0	89.0

Manual Integrations
APPROVED

Sohil
4/5/2016 6:39:19 PM



#62

Azobenzene

Concen: 48.74 ng

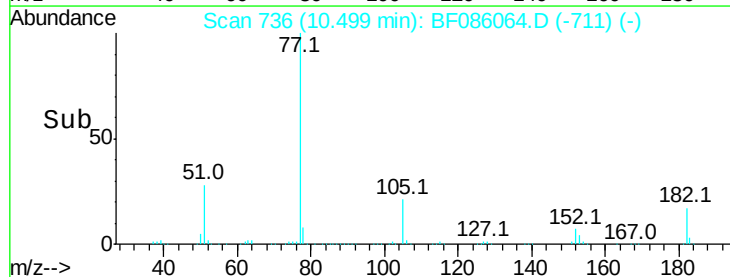
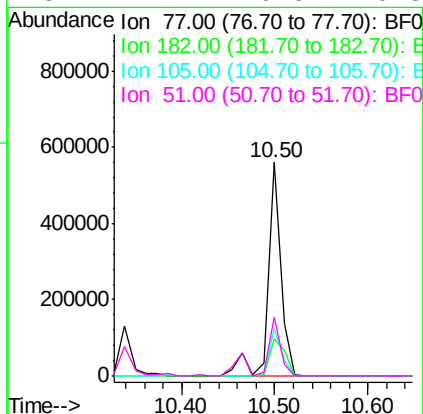
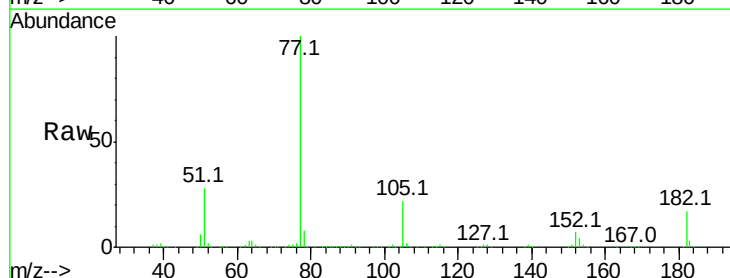
RT: 10.50 min Scan# 736

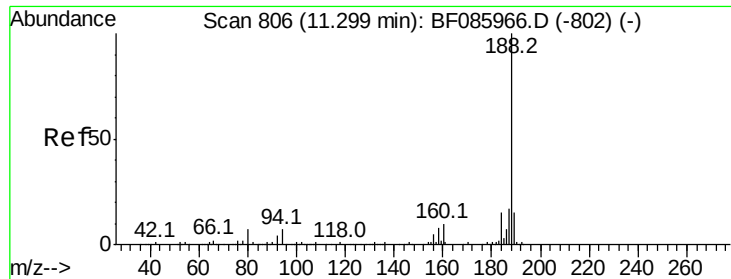
Delta R.T. -0.01 min

Lab File: BF086064.D

Acq: 5 Apr 2016 5:06

Tgt Ion	77	Resp	563612
Ion Ratio	Lower	Upper	
77	100		
182	17.4	1.9	41.9
105	22.0	3.5	43.5
51	27.7	6.3	46.3





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.29 min Scan# 805

Delta R.T. -0.01 min

Lab File: BF086064.D

Acq: 5 Apr 2016 5:06

Instrument :

BNA_F

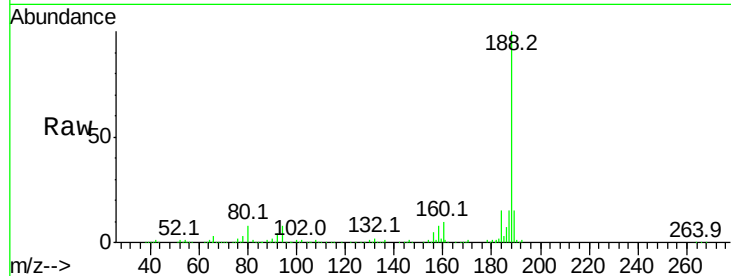
ClientSampleId :

AMBOY-SB-29COMP(0.5-15.0)MSD

Tot Ion:	188	Resp:	253839
Ion Ratio	Lower	Upper	
188	100		
94	7.6	5.4	8.0
80	7.9	5.5	8.3

Manual Integrations
APPROVED

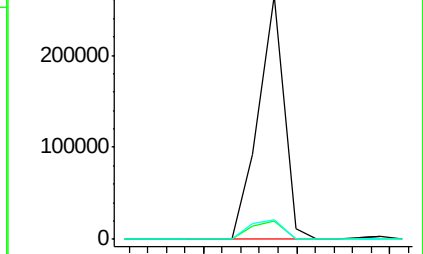
Sohil
4/5/2016 6:39:19 PM



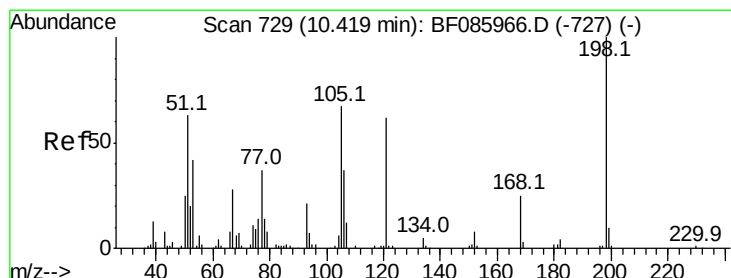
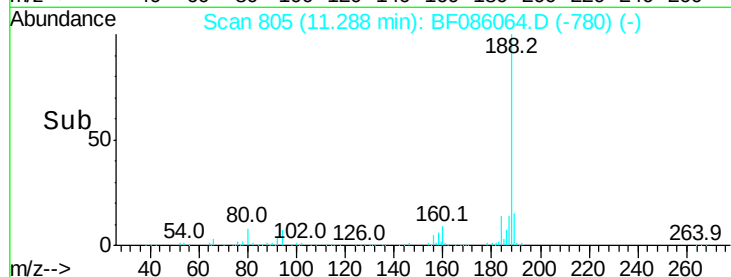
Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



Time-->



#64

4,6-Dinitro-2-methylphenol

Concen: 3.64 ng

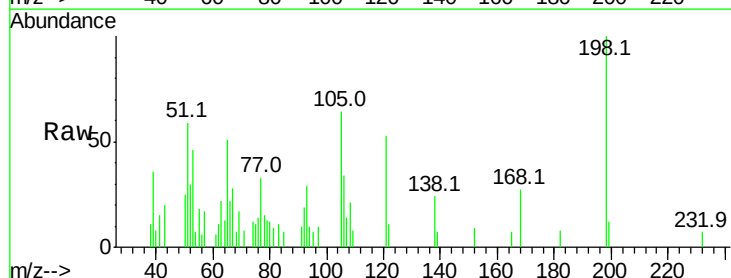
RT: 10.42 min Scan# 729

Delta R.T. 0.00 min

Lab File: BF086064.D

Acq: 5 Apr 2016 5:06

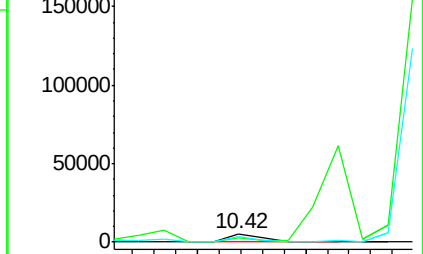
Tgt Ion:	198	Resp:	5605
Ion Ratio	Lower	Upper	
198	100		
51	59.3	45.4	85.4
105	64.3	45.9	85.9



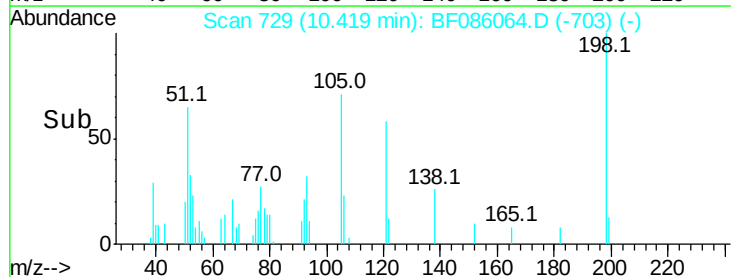
Abundance Ion 198.00 (197.70 to 198.70): E

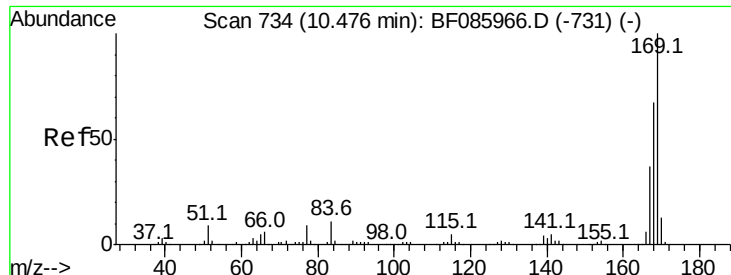
Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E



Time-->





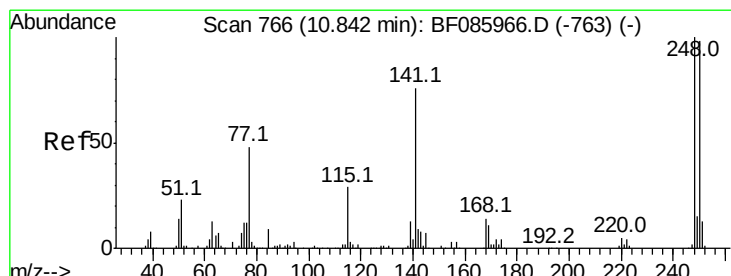
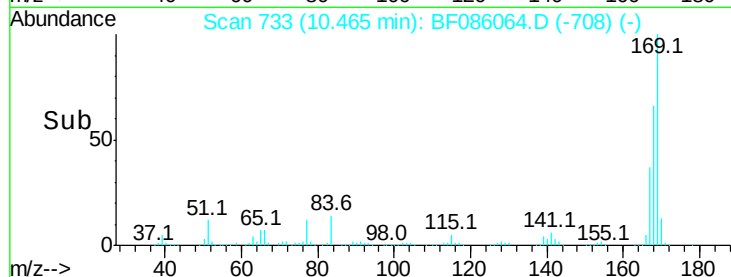
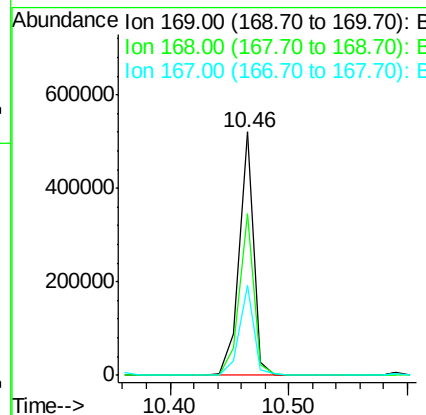
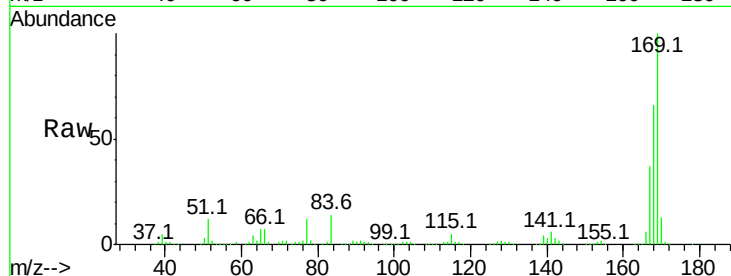
#65
 n-Nitrosodiphenylamine
 Concen: 55.54 ng
 RT: 10.46 min Scan# 733
 Delta R.T. -0.01 min
 Lab File: BF086064.D
 Acq: 5 Apr 2016 5:06

Instrument :
 BNA_F
 ClientSampleId :
 AMBOY-SB-29COMP(0.5-15.0)MSD

Tot Ion	Ratio	Resp	Lower	Upper
169	100	440893		
168	66.5	54.4	81.6	
167	36.7	29.4	44.0	

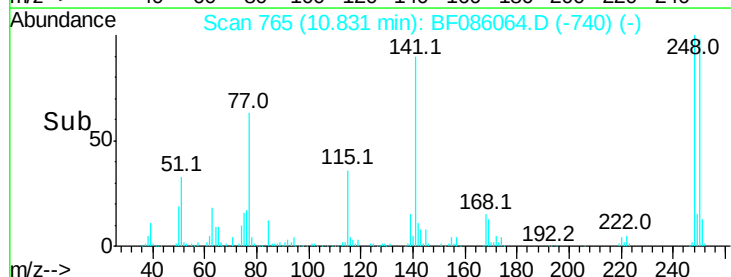
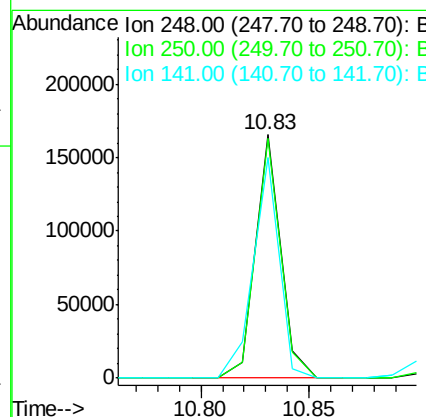
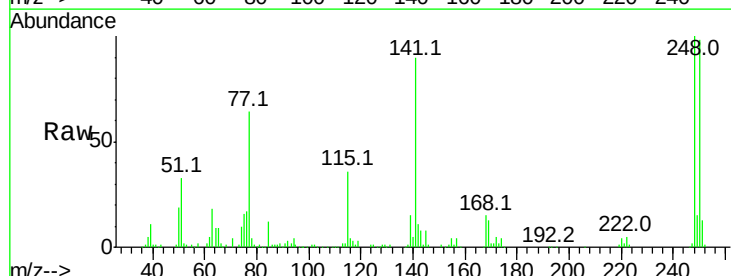
Manual Integrations
 APPROVED

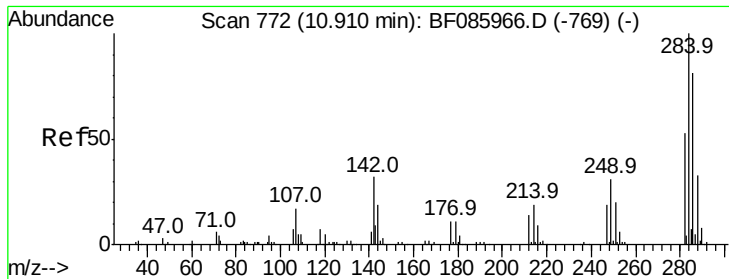
Sohil
 4/5/2016 6:39:19 PM



#66
 4-Bromophenyl-phenylether
 Concen: 51.73 ng
 RT: 10.83 min Scan# 765
 Delta R.T. -0.01 min
 Lab File: BF086064.D
 Acq: 5 Apr 2016 5:06

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	134052		
250	98.4	77.4	116.0	
141	90.5	63.6	95.4	





#67

Hexachlorobenzene

Concen: 49.37 ng

RT: 10.90 min Scan# 771

Delta R.T. -0.01 min

Lab File: BF086064.D

Acq: 5 Apr 2016 5:06

Instrument :

BNA_F

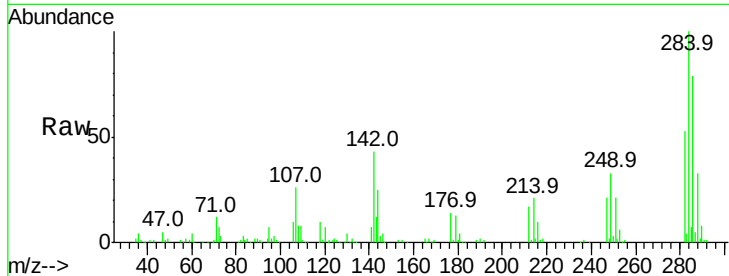
ClientSampleId :

AMBOY-SB-29COMP(0.5-15.0)MSD

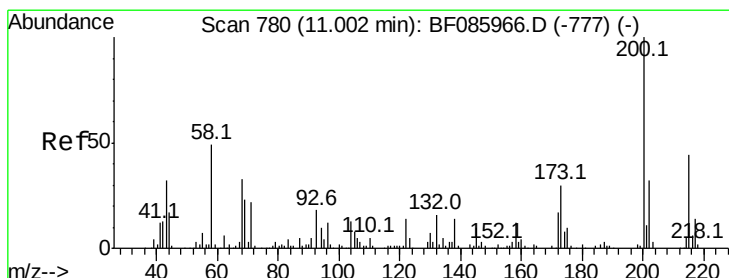
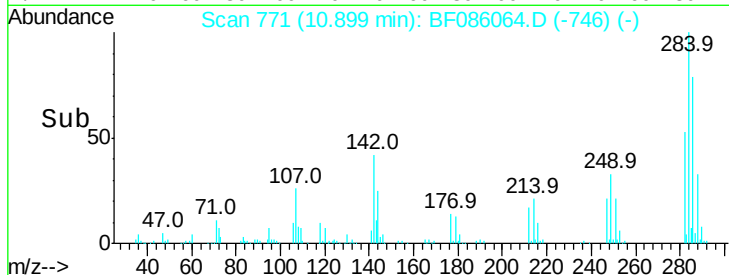
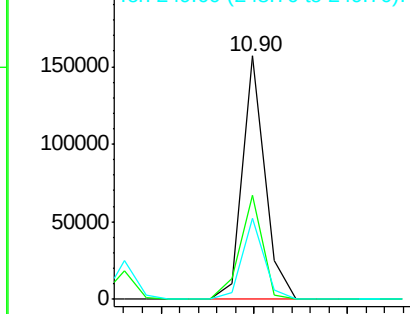
Tot Ion:	284	Resp:	132299
Ion Ratio		Lower	Upper
284	100		
142	42.7	23.1	34.7#
249	33.4	24.2	36.2

Manual Integrations
APPROVED

Sohil
4/5/2016 6:39:19 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: 43.46 ng

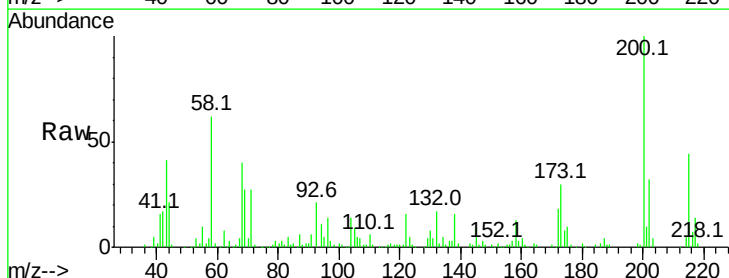
RT: 10.99 min Scan# 779

Delta R.T. -0.01 min

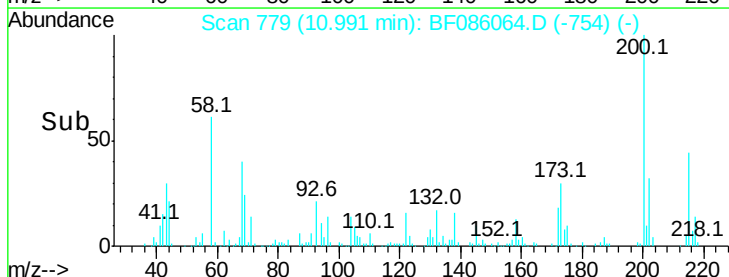
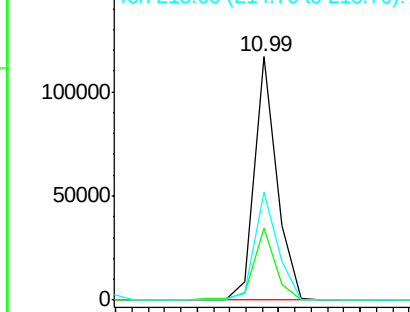
Lab File: BF086064.D

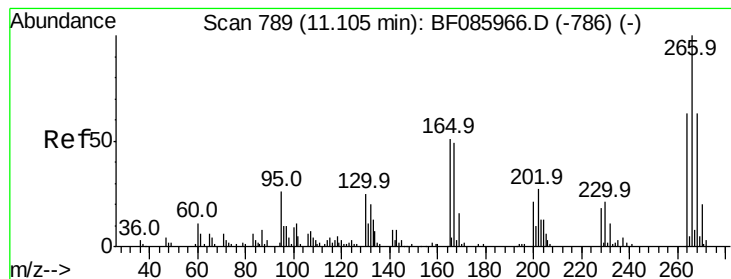
Acq: 5 Apr 2016 5:06

Tgt Ion:	200	Resp:	111483
Ion Ratio		Lower	Upper
200	100		
173	29.6	7.7	47.7
215	44.4	25.4	65.4



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: 92.70 ng

RT: 11.10 min Scan# 789

Delta R.T. 0.00 min

Lab File: BF086064.D

Acq: 5 Apr 2016 5:06

Instrument :

BNA_F

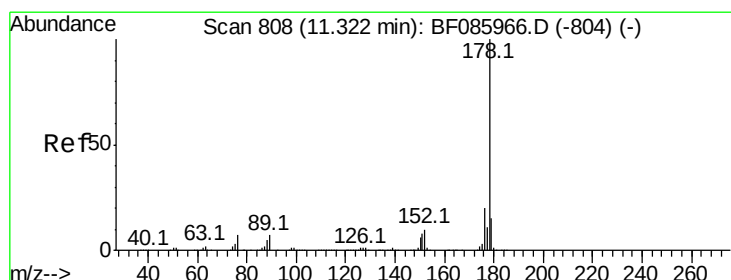
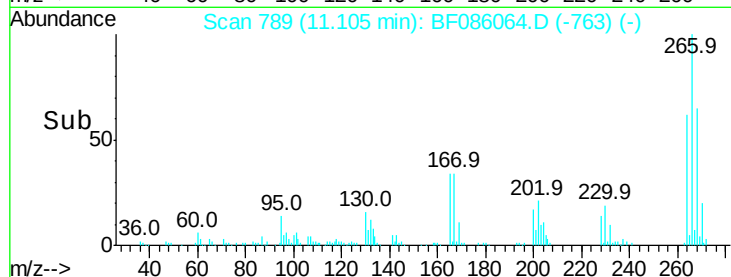
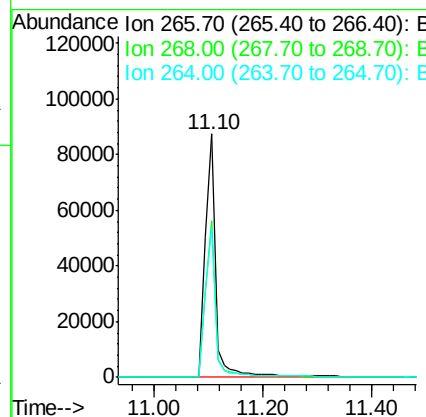
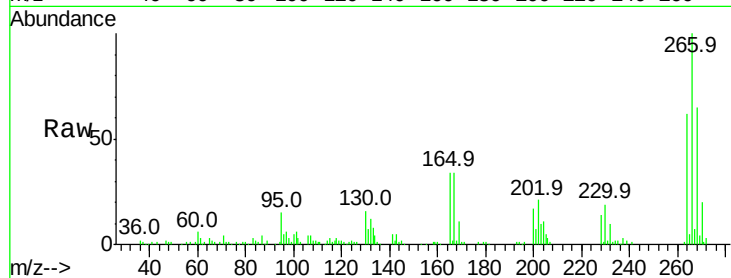
ClientSampleId :

AMBOY-SB-29COMP(0.5-15.0)MSD

Tot Ion:	266	Resp:	116426
Ion Ratio		Lower	Upper
266	100		
268	64.5	51.5	77.3
264	61.6	50.6	76.0

Manual Integrations
APPROVED

Sohil
4/5/2016 6:39:19 PM



#70

Phenanthrene

Concen: 49.17 ng

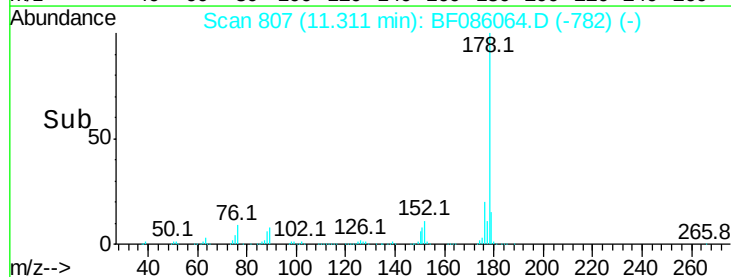
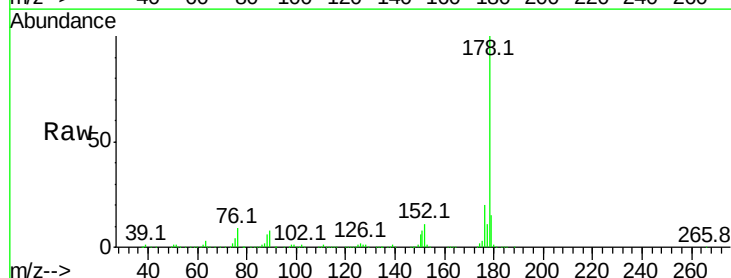
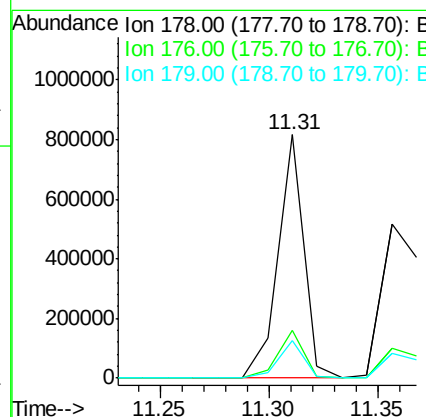
RT: 11.31 min Scan# 807

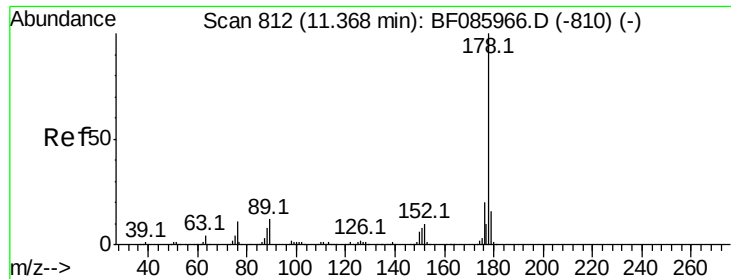
Delta R.T. -0.01 min

Lab File: BF086064.D

Acq: 5 Apr 2016 5:06

Tgt Ion:	178	Resp:	680951
Ion Ratio		Lower	Upper
178	100		
176	19.8	16.3	24.5
179	15.3	12.6	18.8





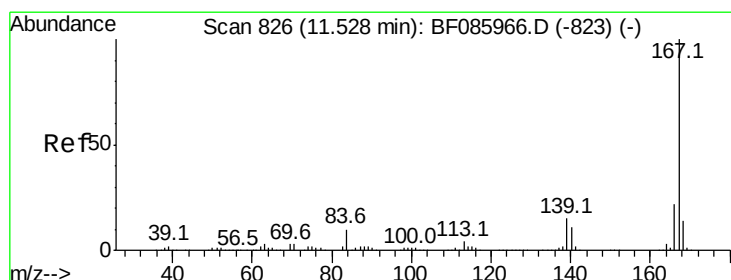
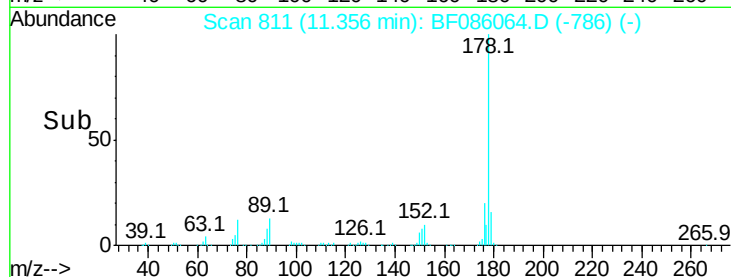
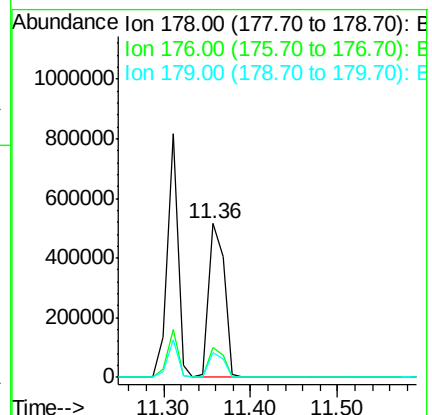
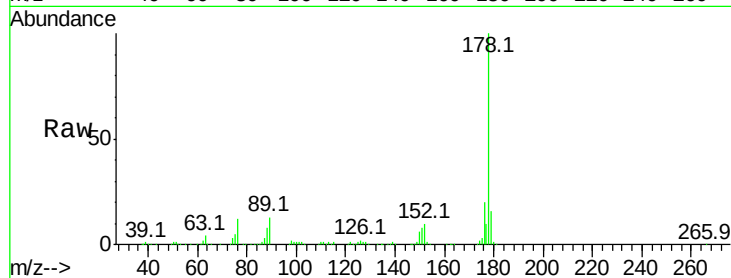
#71
 Anthracene
 Concen: 44.86 ng
 RT: 11.36 min Scan# 811
 Delta R.T. -0.01 min
 Lab File: BF086064.D
 Acq: 5 Apr 2016 5:06

Instrument :
 BNA_F
 ClientSampleId :
 AMBOY-SB-29COMP(0.5-15.0)MSD

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.6	15.9	23.9
179	15.9	13.0	19.4

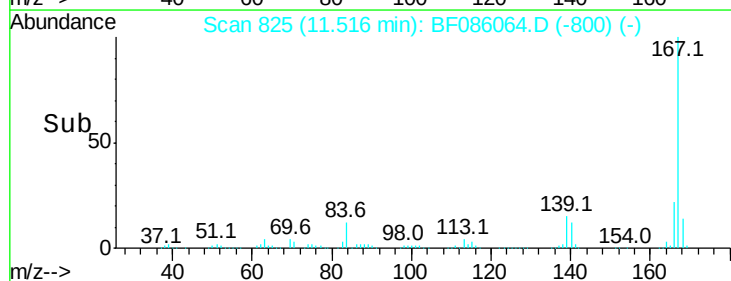
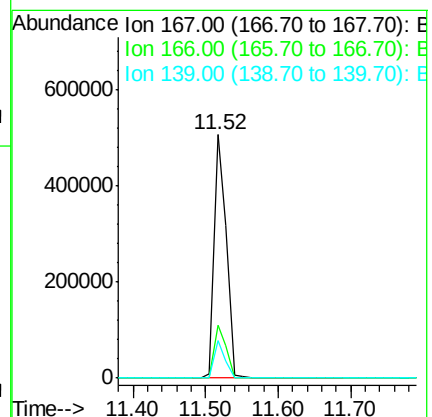
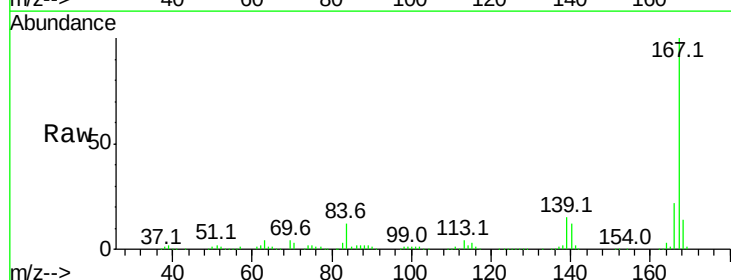
Manual Integrations
 APPROVED

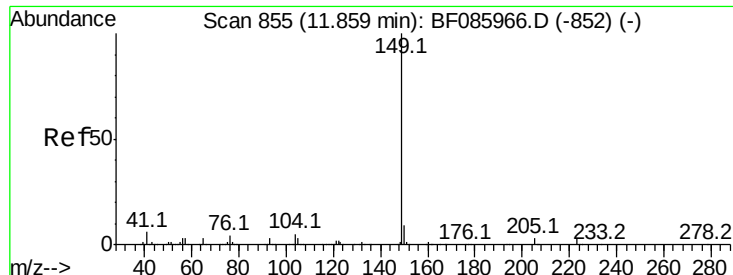
Sohil
 4/5/2016 6:39:19 PM



#72
 Carbazole
 Concen: 46.75 ng
 RT: 11.52 min Scan# 825
 Delta R.T. -0.01 min
 Lab File: BF086064.D
 Acq: 5 Apr 2016 5:06

Tgt Ion	Ratio	Lower	Upper
167	100		
166	21.7	17.8	26.8
139	15.5	11.6	17.4





#73

Di-n-butylphthalate

Concen: 52.05 ng

RT: 11.85 min Scan# 854

Delta R.T. -0.01 min

Lab File: BF086064.D

Acq: 5 Apr 2016 5:06

Instrument :

BNA_F

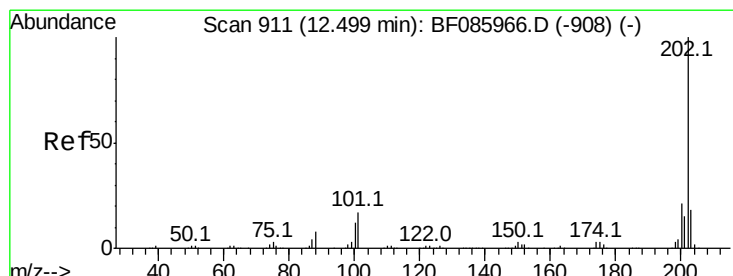
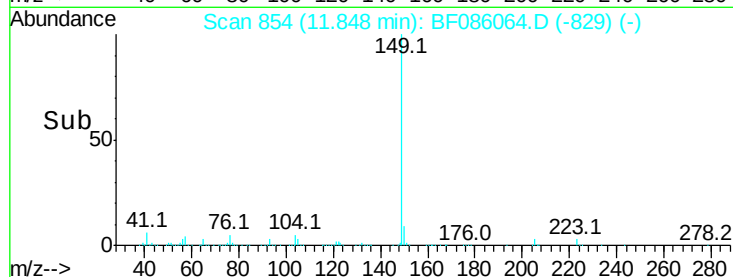
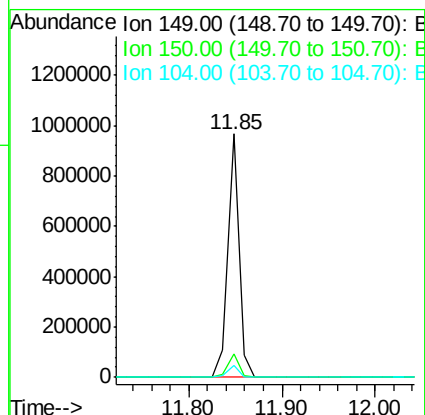
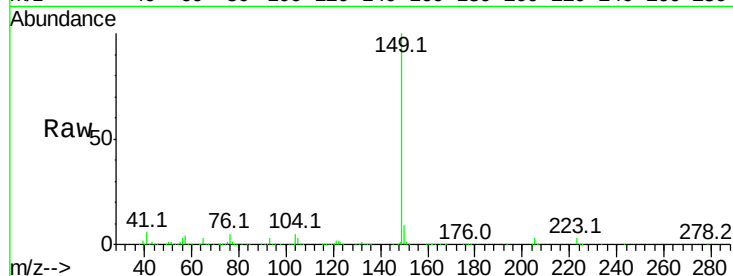
ClientSampleId :

AMBOY-SB-29COMP(0.5-15.0)MSD

Manual Integrations
APPROVED

Sohil
4/5/2016 6:39:19 PM

Tot Ion	Ratio	Resp	Lower	Upper
149	100			
150	9.5	7.6	11.4	
104	5.0	3.8	5.8	



#74

Fluoranthene

Concen: 45.02 ng

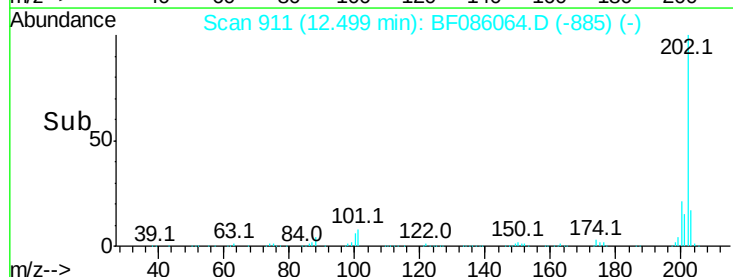
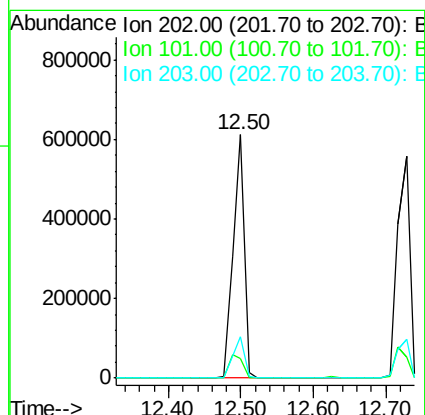
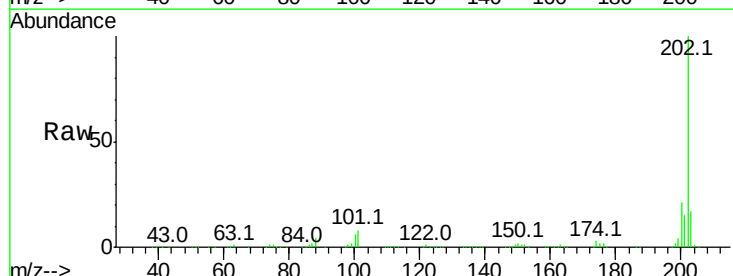
RT: 12.50 min Scan# 911

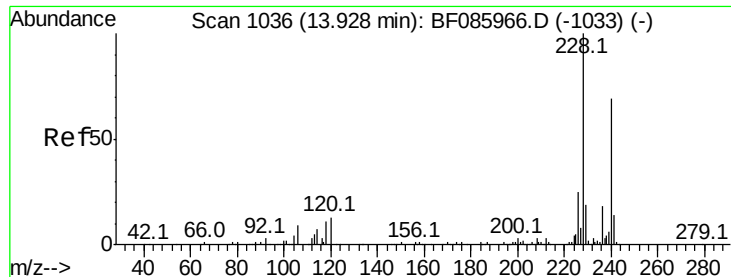
Delta R.T. 0.00 min

Lab File: BF086064.D

Acq: 5 Apr 2016 5:06

Tgt Ion	Ratio	Resp	Lower	Upper
202	100			
101	8.2	0.0	36.6	
203	17.2	0.0	38.1	





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.92 min Scan# 1035

Delta R.T. -0.01 min

Lab File: BF086064.D

Acq: 5 Apr 2016 5:06

Instrument :

BNA_F

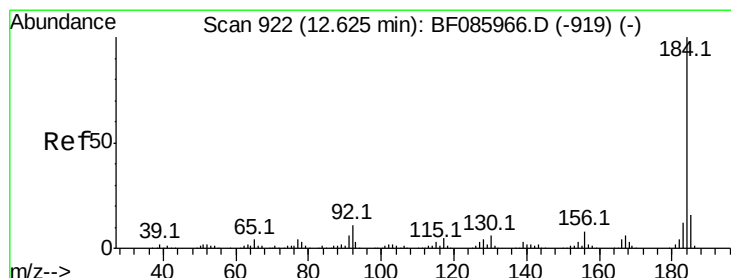
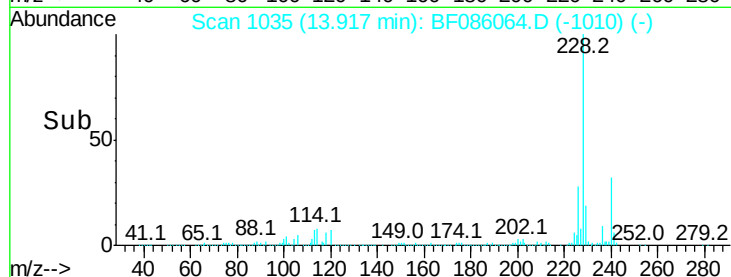
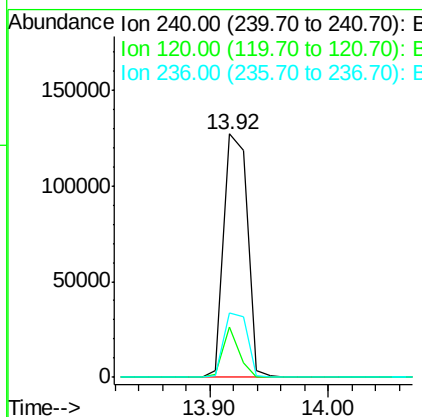
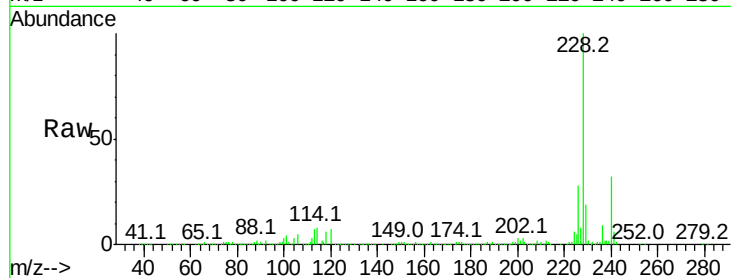
ClientSampleId :

AMBOY-SB-29COMP(0.5-15.0)MSD

Tot Ion:	240	Resp:	174583
Ion Ratio		Lower	Upper
240	100		
120	20.7	13.8	20.8
236	26.3	20.6	30.8

Manual Integrations
APPROVED

Sohil
4/5/2016 6:39:19 PM



#76

Benzidine

Concen: 80.81 ng

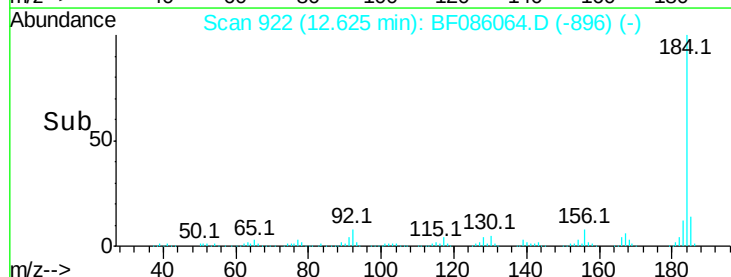
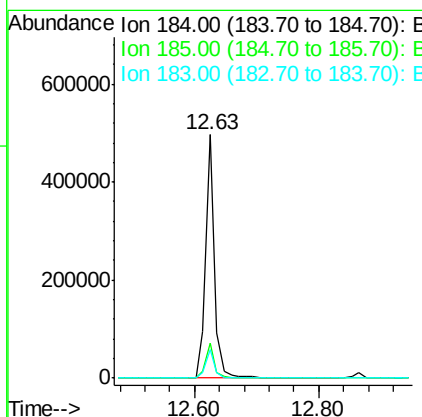
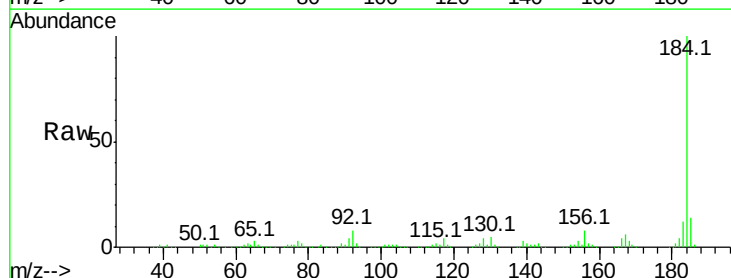
RT: 12.63 min Scan# 922

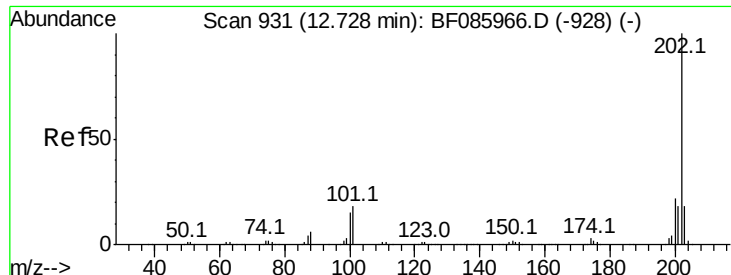
Delta R.T. 0.00 min

Lab File: BF086064.D

Acq: 5 Apr 2016 5:06

Tgt Ion:	184	Resp:	497764
Ion Ratio		Lower	Upper
184	100		
185	14.2	12.4	18.6
183	11.9	9.4	14.2





#77

Pvrene

Concen: 54.03 ng

RT: 12.73 min Scan# 931

Delta R.T. 0.00 min

Lab File: BF086064.D

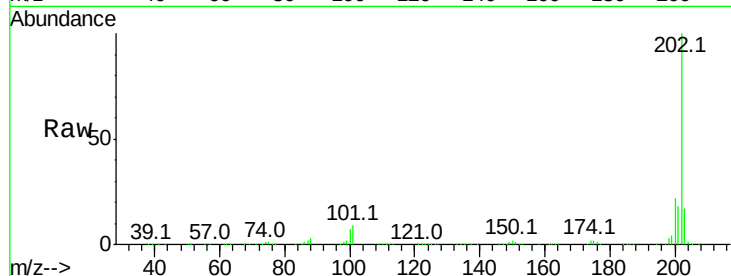
Acq: 5 Apr 2016 5:06

Instrument :

BNA_F

ClientSampleId :

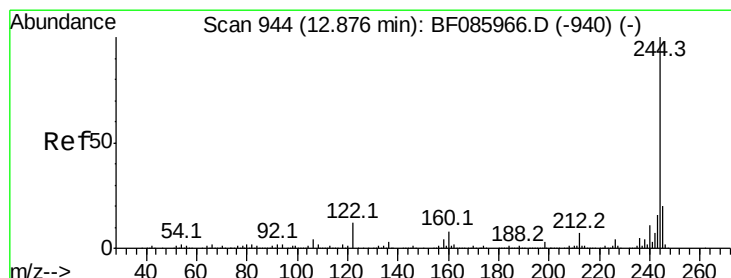
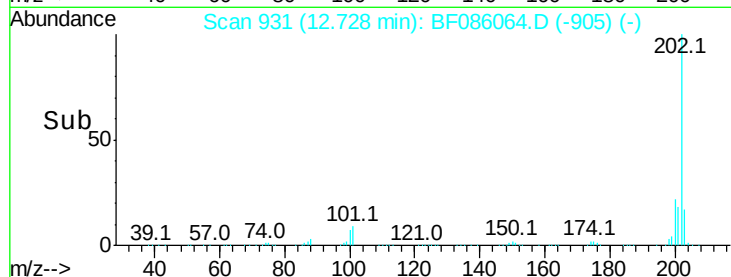
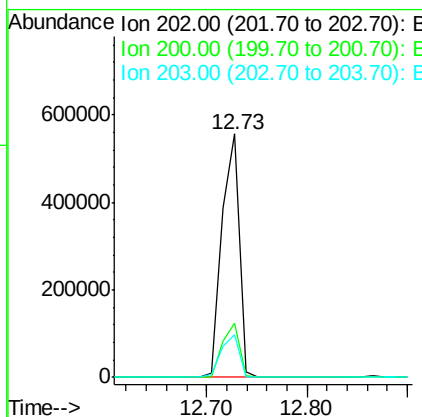
AMBOY-SB-29COMP(0.5-15.0)MSD



Tot Ion	Ratio	Resp	Lower	Upper
202	100			
200	22.0		17.6	26.4
203	17.5		14.0	21.0

Manual Integrations
APPROVED

Sohil
4/5/2016 6:39:19 PM



#78

Terphenyl-d14

Concen: 96.28 ng

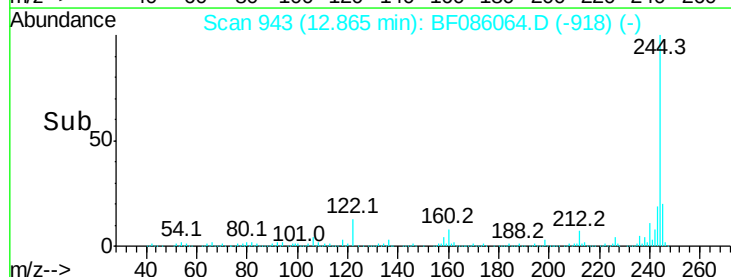
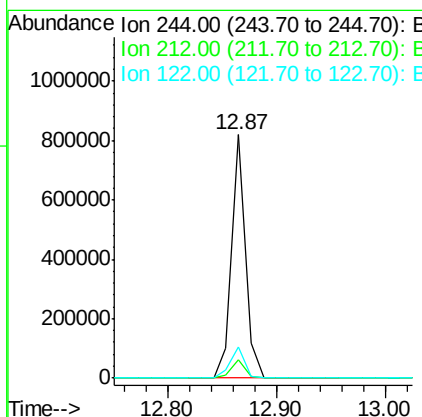
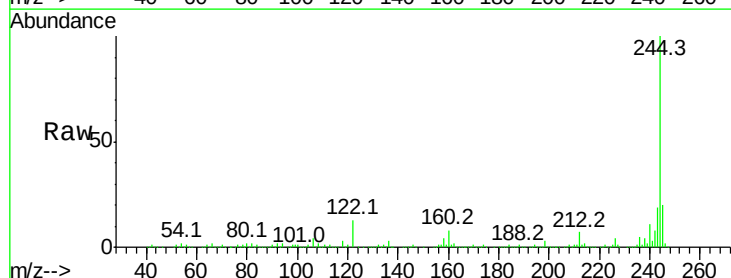
RT: 12.87 min Scan# 943

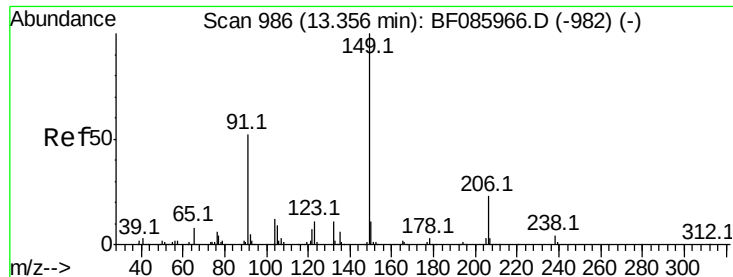
Delta R.T. -0.01 min

Lab File: BF086064.D

Acq: 5 Apr 2016 5:06

Tgt Ion	Ratio	Resp	Lower	Upper
244	100			
212	7.4		6.1	9.1
122	12.7		10.2	15.4





#79

Butylbenzylphthalate

Concen: 57.19 ng

RT: 13.35 min Scan# 985

Delta R.T. -0.01 min

Lab File: BF086064.D

Acq: 5 Apr 2016 5:06

Instrument :

BNA_F

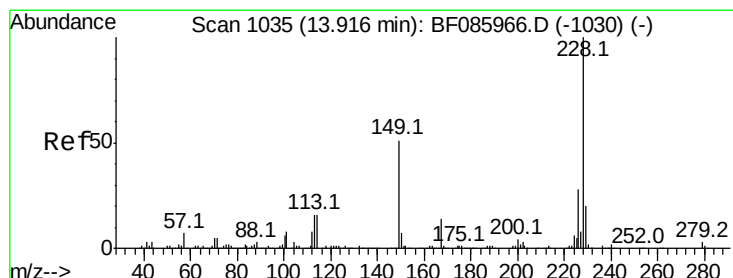
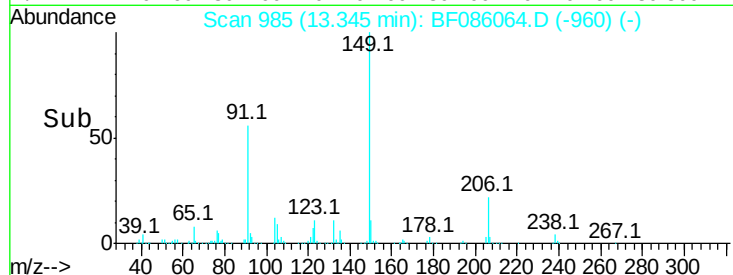
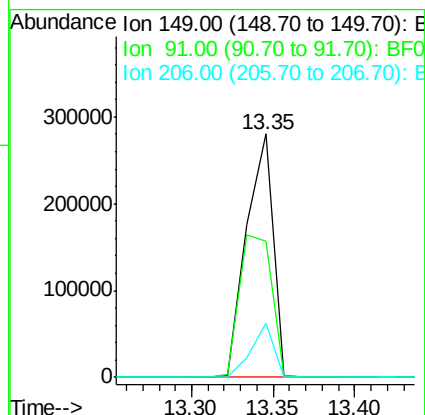
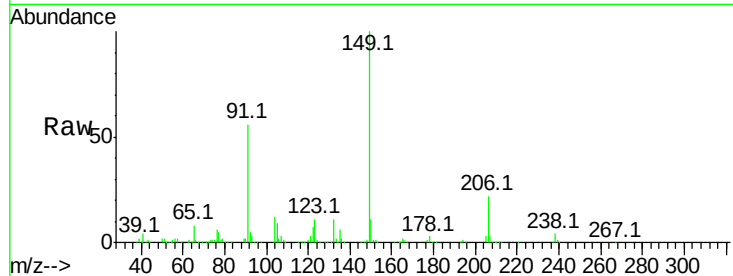
ClientSampleId :

AMBOY-SB-29COMP(0.5-15.0)MSD

Tot Ion:	149	Resp:	316830
Ion Ratio	Lower	Upper	
149	100		
91	56.0	45.8	68.8
206	22.3	17.8	26.8

Manual Integrations
APPROVED

Sohil
4/5/2016 6:39:19 PM



#80

Benzo(a)anthracene

Concen: 49.37 ng

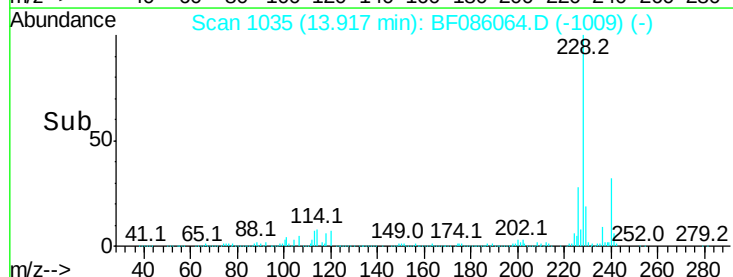
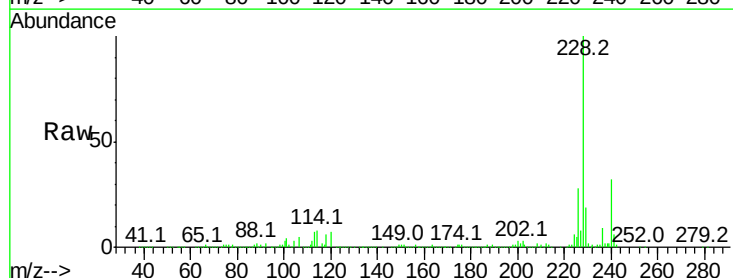
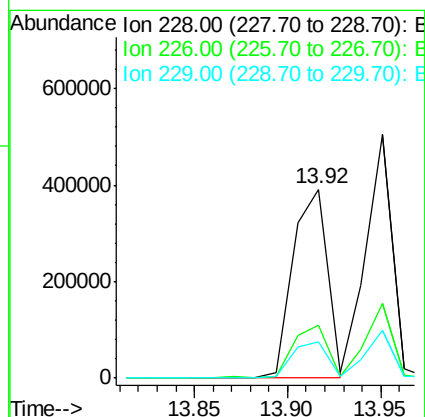
RT: 13.92 min Scan# 1035

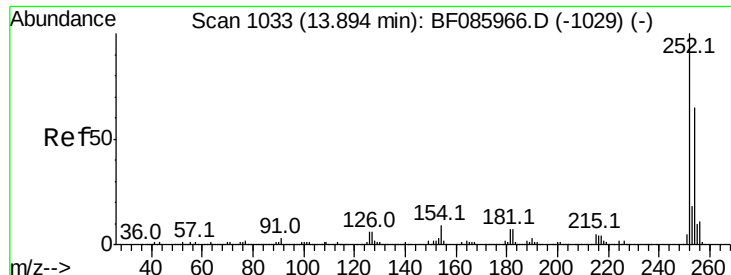
Delta R.T. 0.00 min

Lab File: BF086064.D

Acq: 5 Apr 2016 5:06

Tgt Ion:	228	Resp:	508101
Ion Ratio	Lower	Upper	
228	100		
226	27.6	22.1	33.1
229	19.3	16.2	24.4





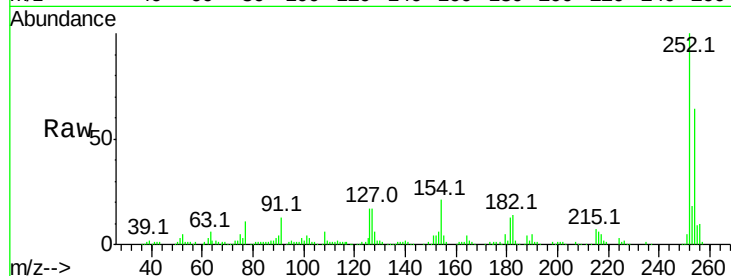
#81
 3,3'-Dichlorobenzidine
 Concen: 20.00 ng
 RT: 13.87 min Scan# 1031
 Delta R.T. -0.02 min
 Lab File: BF086064.D
 Acq: 5 Apr 2016 5:06

Instrument :
 BNA_F
 ClientSampleId :
 AMBOY-SB-29COMP(0.5-15.0)MSD

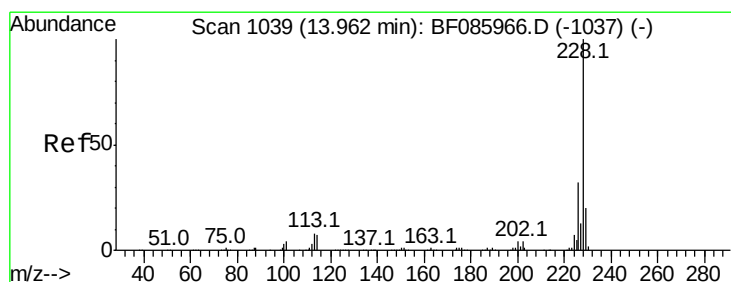
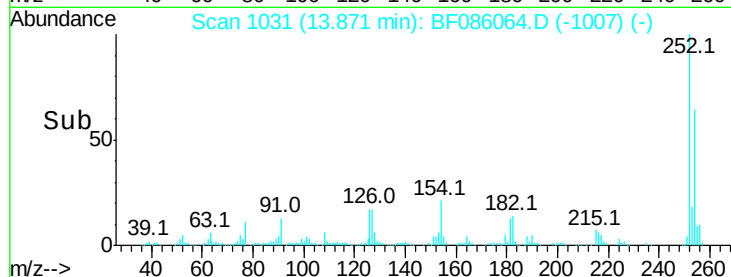
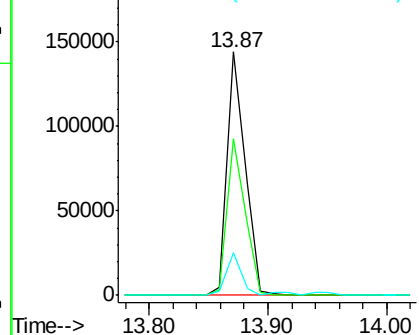
Tot Ion:	252	Resp:	150371
Ion Ratio		Lower	Upper
252	100		
254	64.1	50.7	76.1
126	17.3	11.8	17.6

Manual Integrations
 APPROVED

Sohil
 4/5/2016 6:39:19 PM



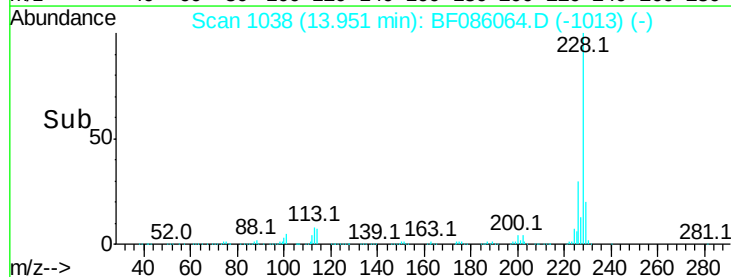
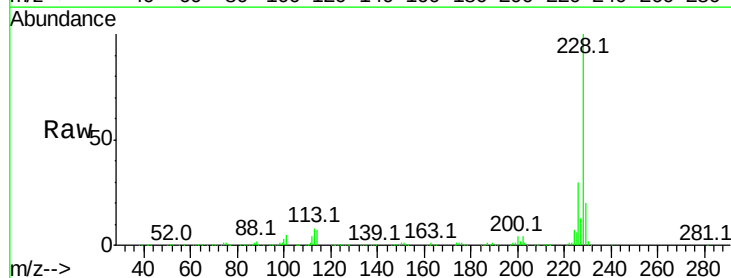
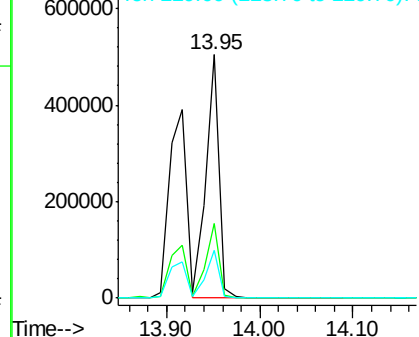
Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

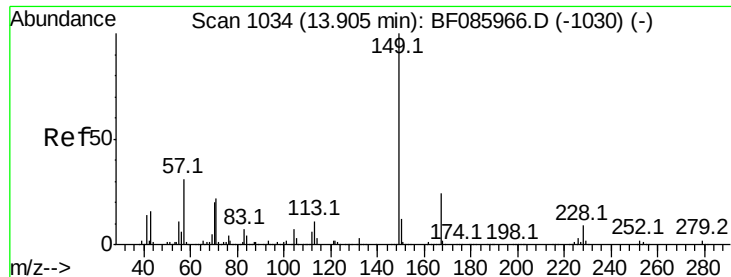


#82
 Chrysene
 Concen: 50.10 ng
 RT: 13.95 min Scan# 1038
 Delta R.T. -0.01 min
 Lab File: BF086064.D
 Acq: 5 Apr 2016 5:06

Tgt Ion:	228	Resp:	496637
Ion Ratio		Lower	Upper
228	100		
226	30.5	25.0	37.6
229	19.6	15.7	23.5

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





#83

Bis(2-ethylhexyl)phthalate

Concen: 58.81 ng

RT: 13.89 min Scan# 1033

Delta R.T. -0.01 min

Lab File: BF086064.D

Acq: 5 Apr 2016 5:06

Instrument :

BNA_F

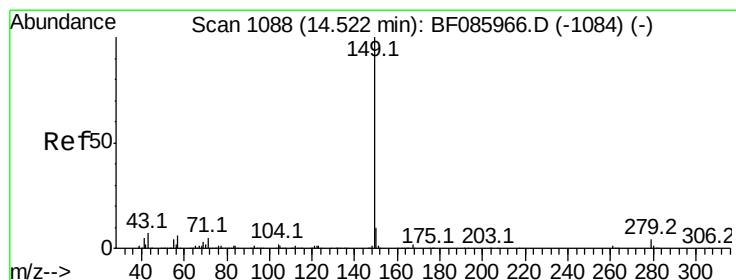
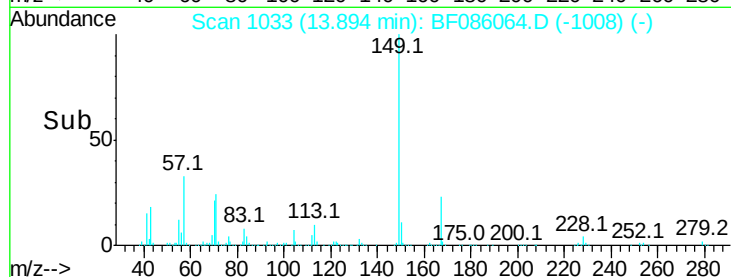
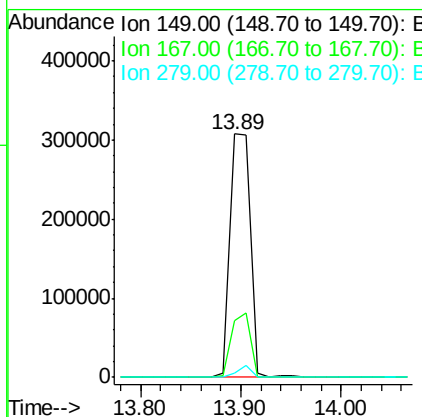
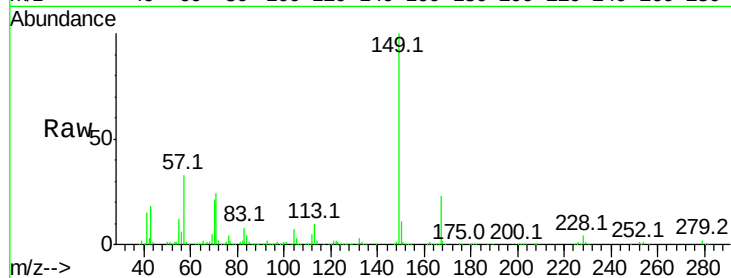
ClientSampleId :

AMBOY-SB-29COMP(0.5-15.0)MSD

Tot Ion:	149	Resp:	432356
Ion Ratio		Lower	Upper
149	100		
167	23.3	19.4	29.2
279	1.7	1.5	2.3

Manual Integrations
APPROVED

Sohil
4/5/2016 6:39:19 PM



#84

Di-n-octyl phthalate

Concen: 62.80 ng

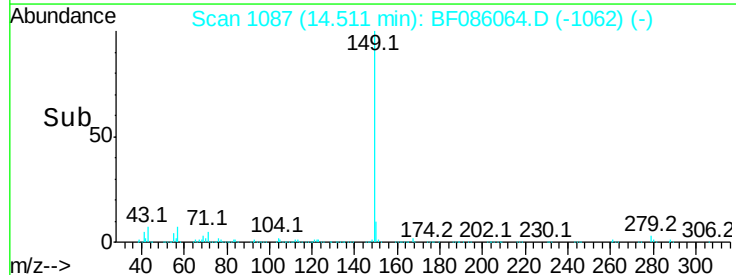
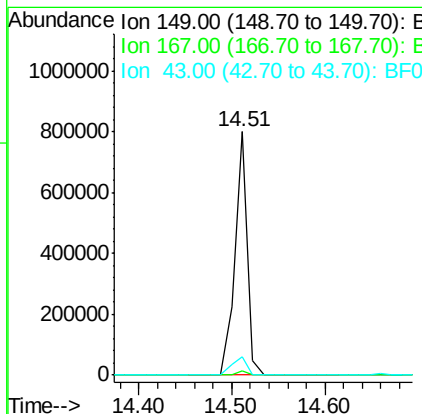
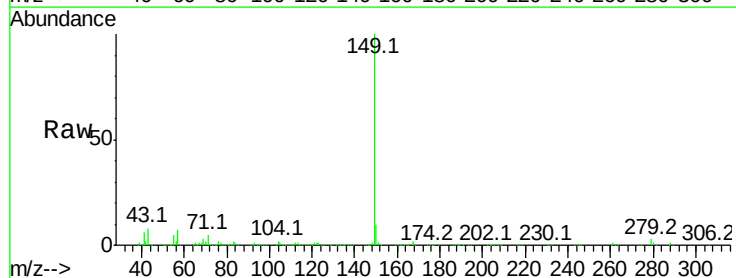
RT: 14.51 min Scan# 1087

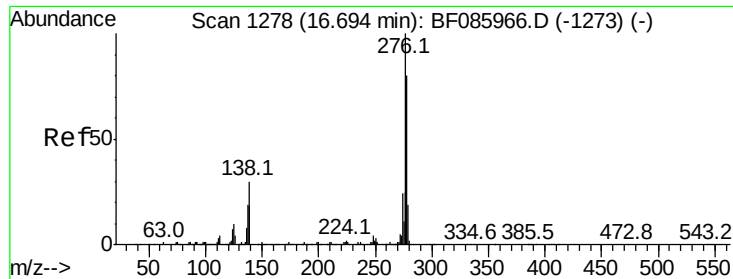
Delta R.T. -0.01 min

Lab File: BF086064.D

Acq: 5 Apr 2016 5:06

Tgt Ion:	149	Resp:	737368
Ion Ratio		Lower	Upper
149	100		
167	1.6	1.2	1.8
43	9.2	7.1	10.7





#85

Indeno(1,2,3-cd)pyrene

Concen: 46.27 ng

RT: 16.68 min Scan# 1277

Delta R.T. -0.01 min

Lab File: BF086064.D

Acq: 5 Apr 2016 5:06

Instrument :

BNA_F

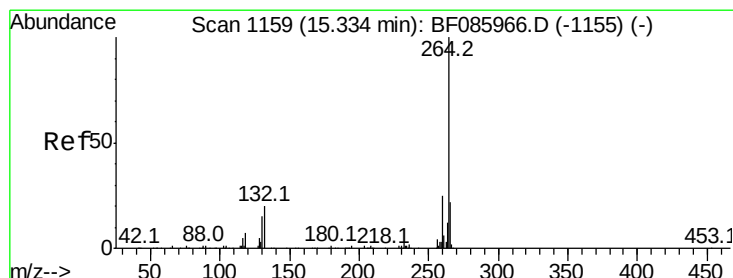
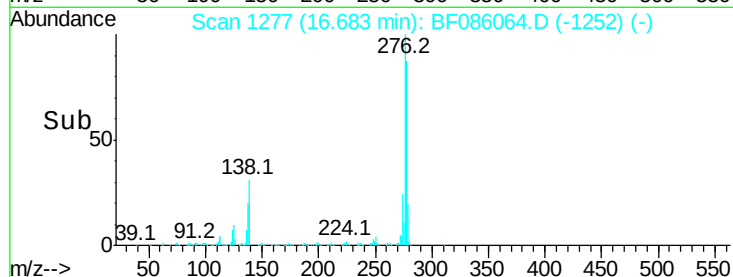
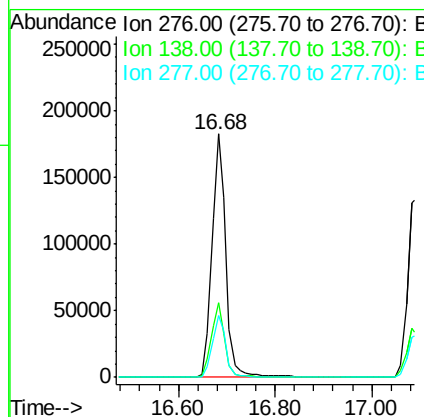
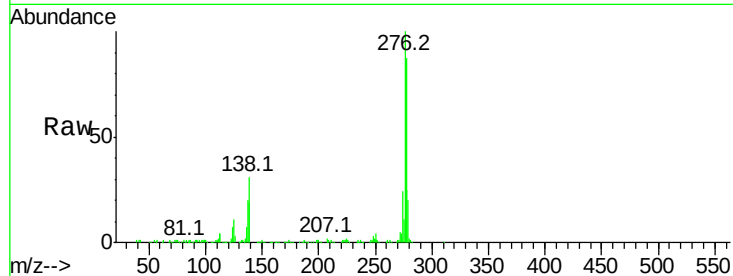
ClientSampleId :

AMBOY-SB-29COMP(0.5-15.0)MSD

Tot Ion:	276	Resp:	372163
Ion Ratio	Lower	Upper	
276	100		
138	29.9	24.2	36.4
277	24.9	20.0	30.0

Manual Integrations
APPROVED

Sohil
4/5/2016 6:39:19 PM



#86

Perylene-d12

Concen: 20.00 ng

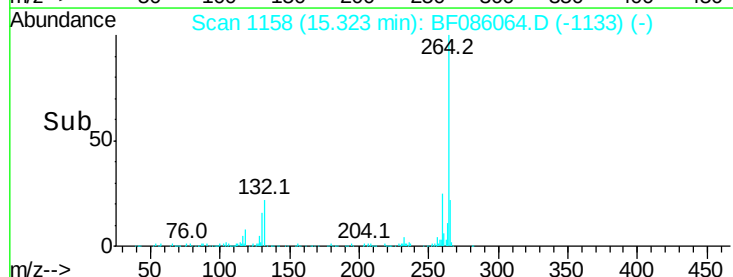
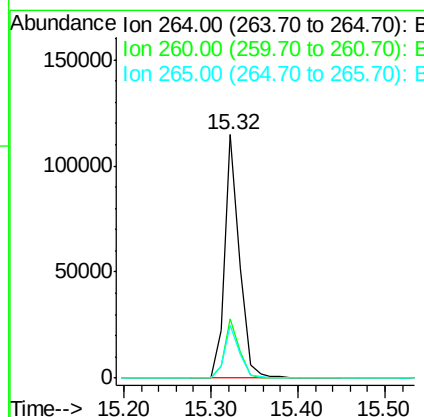
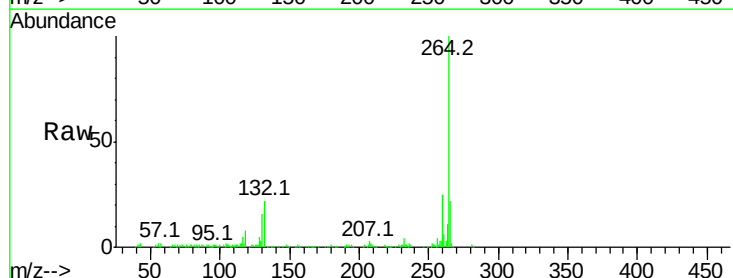
RT: 15.32 min Scan# 1158

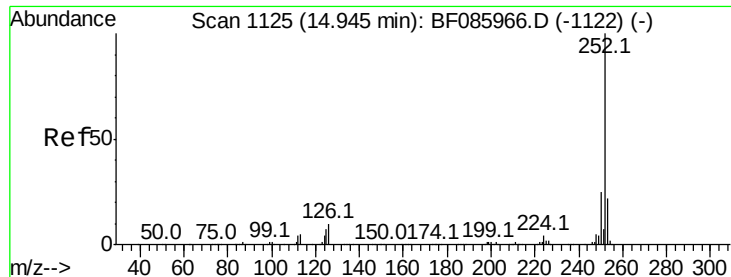
Delta R.T. -0.01 min

Lab File: BF086064.D

Acq: 5 Apr 2016 5:06

Tgt Ion:	264	Resp:	137172
Ion Ratio	Lower	Upper	
264	100		
260	24.6	19.4	29.2
265	22.0	17.2	25.8





#87

Benzo(b)fluoranthene

Concen: 55.40 ng m

RT: 14.93 min Scan# 1124

Delta R.T. -0.01 min

Lab File: BF086064.D

Acq: 5 Apr 2016 5:06

Instrument :

BNA_F

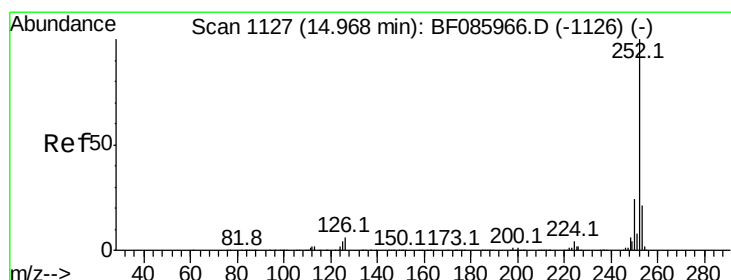
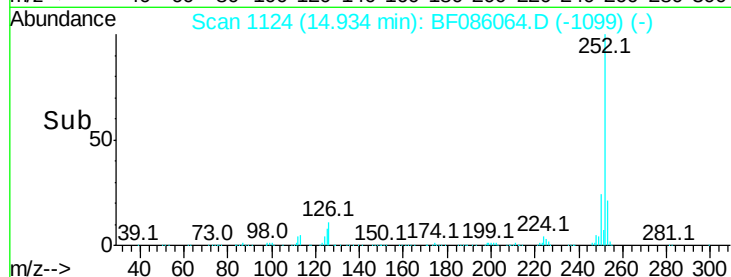
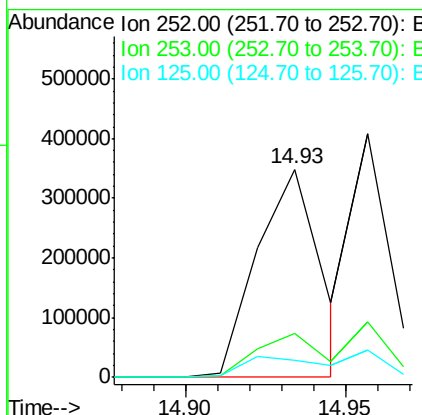
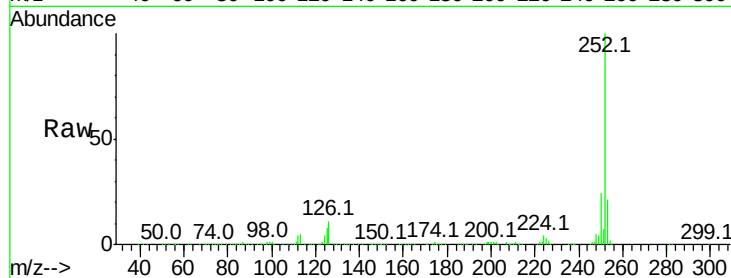
ClientSampleId :

AMBOY-SB-29COMP(0.5-15.0)MSD

Tot Ion:	252	Resp:	478083
Ion Ratio	Lower	Upper	
252	100		
253	21.0	17.6	26.4
125	8.3	10.3	15.5#

Manual Integrations
APPROVED

Sohil
4/5/2016 6:39:19 PM



#88

Benzo(k)fluoranthene

Concen: 45.38 ng m

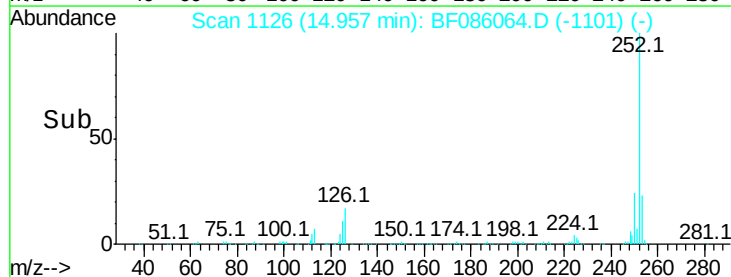
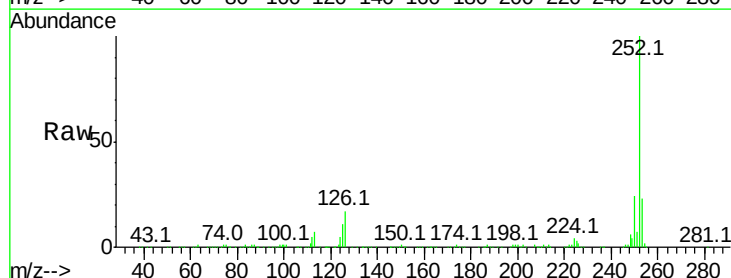
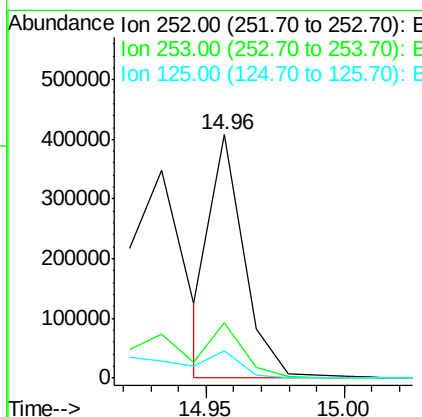
RT: 14.96 min Scan# 1126

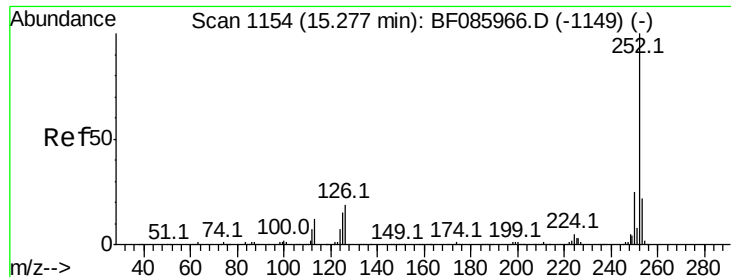
Delta R.T. -0.01 min

Lab File: BF086064.D

Acq: 5 Apr 2016 5:06

Tgt Ion:	252	Resp:	346734
Ion Ratio	Lower	Upper	
252	100		
253	22.6	17.8	26.6
125	11.1	7.7	11.5





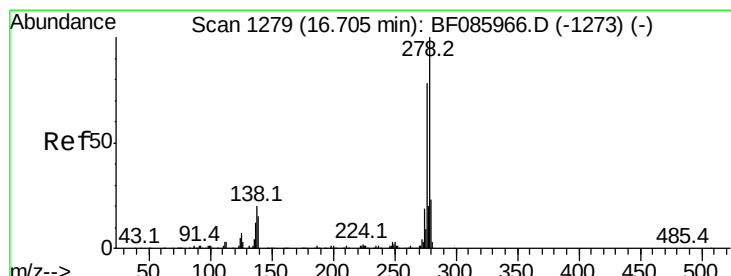
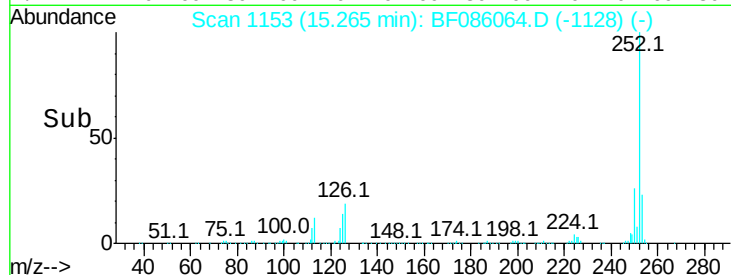
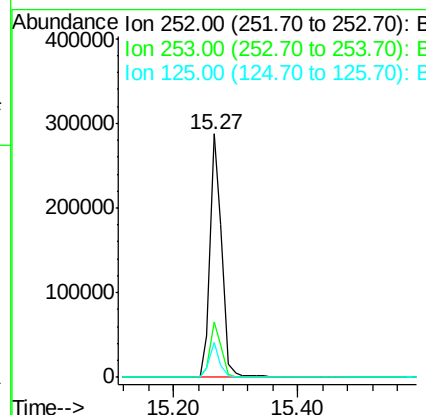
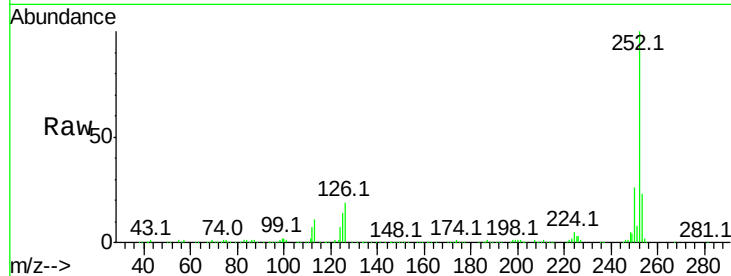
#89
Benzo(a)pyrene
Concen: 49.38 ng
RT: 15.27 min Scan# 1153
Delta R.T. -0.01 min
Lab File: BF086064.D
Acq: 5 Apr 2016 5:06

Instrument :
BNA_F
ClientSampleId :
AMBOY-SB-29COMP(0.5-15.0)MSD

Tot Ion	Ratio	Resp	Lower	Upper
252	100			
253	22.5	17.4	26.0	
125	14.4	10.3	15.5	

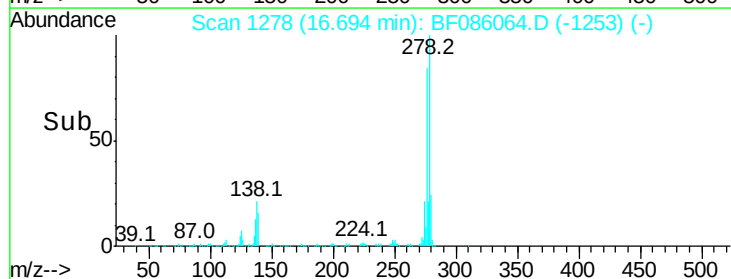
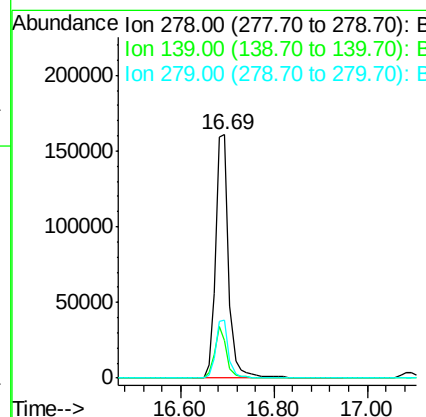
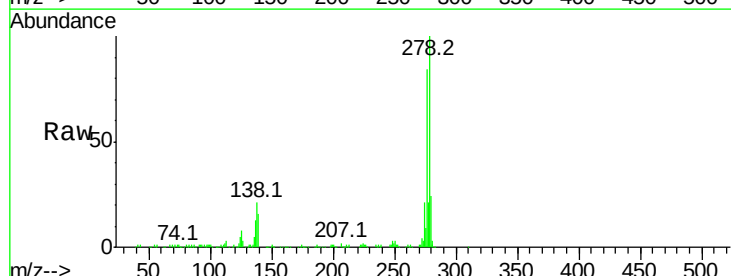
Manual Integrations
APPROVED

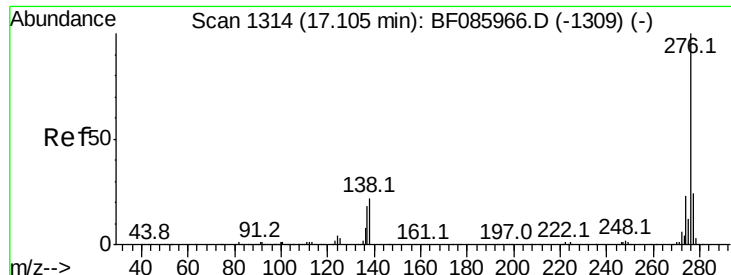
Sohil
4/5/2016 6:39:19 PM



#90
Dibenzo(a,h)anthracene
Concen: 52.08 ng
RT: 16.69 min Scan# 1278
Delta R.T. -0.01 min
Lab File: BF086064.D
Acq: 5 Apr 2016 5:06

Tgt Ion	Ratio	Resp	Lower	Upper
278	100			
139	15.5	14.4	21.6	
279	23.6	19.1	28.7	





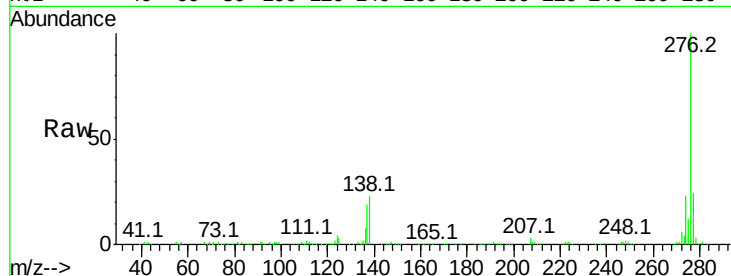
#91
 Benzo(a,h,i)perylene
 Concen: 50.50 ng
 RT: 17.09 min Scan# 1313
 Delta R.T. -0.01 min
 Lab File: BF086064.D
 Acq: 5 Apr 2016 5:06

Instrument :
 BNA_F
 ClientSampleId :
 AMBOY-SB-29COMP(0.5-15.0)MSD

Tot Ion	Ratio	Resp Lower	Upper
276	100		
277	23.6	18.8	28.2
138	22.6	22.6	34.0

Manual Integrations
 APPROVED

Sohil
 4/5/2016 6:39:19 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

