

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040816\
 Data File : BF086197.D
 Acq On : 9 Apr 2016 4:49
 Operator : UM/SJ
 Sample : H2346-06MS
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 AMBOY-SB-36(0.5-20.0)MS

Manual Integrations
 APPROVED

Sohil
 4/11/2016 5:45:29 PM

Quant Time: Apr 09 06:51:20 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	6.73	152	114132	20.00	ng	-0.05
21) Naphthalene-d8	8.02	136	446243	20.00	ng	-0.05
38) Acenaphthene-d10	9.77	164	186055	20.00	ng	-0.05
63) Phenanthrene-d10	11.25	188	289030	20.00	ng	-0.05
75) Chrysene-d12	13.88	240	217622	20.00	ng	-0.05
86) Perylene-d12	15.28	264	186630	20.00	ng	-0.06

System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	833104	124.77	ng	-0.03
7) Phenol-d6	6.38	99	1080868	127.44	ng	-0.03
23) Nitrobenzene-d5	7.30	82	709759	93.80	ng	-0.05
41) 2,4,6-Tribromophenol	10.56	330	195850	112.15	ng	-0.05
44) 2-Fluorobiphenyl	9.09	172	1010503	90.30	ng	-0.05
78) Terphenyl-d14	12.83	244	750710	81.09	ng	-0.05

Target Compounds					Qvalue	
2) 1,4-Dioxane	2.30	88	129252	40.83	ng	98
3) Pyridine	2.99	79	300838	42.45	ng	99
4) n-Nitrosodimethylamine	2.94	42	149331	47.92	ng	99
6) Aniline	6.40	93	233460	20.98	ng	# 9
8) 2-Chlorophenol	6.52	128	347991	43.70	ng	97
9) Benzaldehyde	6.27	77	118932	26.06	ng	90
10) Phenol	6.40	94	347386	35.91	ng	# 64
11) bis(2-Chloroethyl)ether	6.48	93	333014	43.47	ng	98
12) 1,3-Dichlorobenzene	6.67	146	371145	43.98	ng	97
13) 1,4-Dichlorobenzene	6.75	146	366023	42.10	ng	94
14) 1,2-Dichlorobenzene	6.90	146	333401	41.66	ng	98
15) Benzyl Alcohol	6.89	79	249750	45.52	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.01	45	365041	39.00	ng	51
17) 2-Methylphenol	7.00	107	269726	42.96	ng	# 93
18) Hexachloroethane	7.23	117	111266	34.79	ng	# 80
19) n-Nitroso-di-n-propylamine	7.15	70	225349	42.87	ng	# 92
20) 3+4-Methylphenols	7.16	107	351109	45.98	ng	# 65
22) Acetophenone	7.15	105	471904	44.99	ng	# 90
24) Nitrobenzene	7.32	77	360657	43.57	ng	98
25) Isophorone	7.56	82	660407	44.21	ng	98
26) 2-Nitrophenol	7.64	139	152142	38.41	ng	94
27) 2,4-Dimethylphenol	7.69	122	322746	45.37	ng	99
28) bis(2-Chloroethoxy)methane	7.78	93	408986	46.66	ng	99
29) 2,4-Dichlorophenol	7.89	162	261809	43.53	ng	92
30) 1,2,4-Trichlorobenzene	7.96	180	294768	43.66	ng	97
31) Naphthalene	8.04	128	980431	43.68	ng	99
32) Benzoic acid	7.80	122	56652	10.85	ng	99
33) 4-Chloroaniline	8.10	127	116084	12.80	ng	99
34) Hexachlorobutadiene	8.16	225	155337	42.80	ng	100
35) Caprolactam	8.48	113	85850	45.00	ng	# 84
36) 4-Chloro-3-methylphenol	8.59	107	279619	41.36	ng	92
37) 2-Methylnaphthalene	8.73	142	572300	39.03	ng	97
39) 1,2,4,5-Tetrachlorobenzene	8.90	216	262270	46.90	ng	98
40) Hexachlorocyclopentadiene	8.88	237	21493	18.78	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.01	196	159721	44.48	nq	100
43) 2,4,5-Trichlorophenol	9.07	196	165090	45.28	nq	100
45) 1,1'-Biphenyl	9.20	154	715652	44.61	nq	96
46) 2-Chloronaphthalene	9.22	162	525641	45.20	nq	96
47) 2-Nitroaniline	9.32	65	166280	48.87	nq	96
48) Acenaphthylene	9.63	152	786615	42.23	nq	100
49) Dimethylphthalate	9.49	163	730292	52.96	nq	99
50) 2,6-Dinitrotoluene	9.56	165	112025	38.40	nq	# 85
51) Acenaphthene	9.80	154	464323	41.91	nq	99
52) 3-Nitroaniline	9.73	138	116233	33.05	nq	97
53) 2,4-Dinitrophenol	9.87	184	7859	9.10	nq	# 80
54) Dibenzofuran	9.97	168	665556	45.49	nq	100
55) 4-Nitrophenol	9.92	139	152326	73.48	nq	85
56) 2,4-Dinitrotoluene	9.97	165	129206	35.05	nq	# 47
57) Fluorene	10.32	166	514335	41.15	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.10	232	120858	44.52	nq	97
59) Diethylphthalate	10.19	149	592074	42.54	nq	96
60) 4-Chlorophenyl-phenylether	10.30	204	223998	38.47	nq	97
61) 4-Nitroaniline	10.35	138	136287	39.36	nq	93
62) Azobenzene	10.46	77	591548	44.37	nq	99
64) 4,6-Dinitro-2-methylphenol	10.38	198	11433	6.53	nq	94
65) n-Nitrosodiphenylamine	10.43	169	466461	51.61	nq	100
66) 4-Bromophenyl-phenylether	10.80	248	148610	50.36	nq	96
67) Hexachlorobenzene	10.86	284	146958	48.16	nq	# 93
68) Atrazine	10.96	200	121553	41.62	nq	96
69) Pentachlorophenol	11.07	266	112916	78.96	nq	98
70) Phenanthrene	11.28	178	727795	46.16	nq	100
71) Anthracene	11.32	178	664237	40.21	nq	100
72) Carbazole	11.48	167	581754	40.97	nq	99
73) Di-n-butylphthalate	11.81	149	836678	47.56	nq	100
74) Fluoranthene	12.45	202	622107	37.93	nq	99
76) Benzidine	12.59	184	495241	64.50	nq	98
77) Pyrene	12.68	202	635815	41.46	nq	99
79) Butylbenzylphthalate	13.30	149	308540	44.68	nq	# 66
80) Benzo(a)anthracene	13.87	228	544884	42.48	nq	100
81) 3,3'-Dichlorobenzidine	13.84	252	166696	17.79	nq	99
82) Chrysene	13.92	228	533068	43.14	nq	100
83) Bis(2-ethylhexyl)phthalate	13.86	149	430044	46.92	nq	99
84) Di-n-octyl phthalate	14.48	149	798982	54.59	nq	98
85) Indeno(1,2,3-cd)pyrene	16.63	276	430865	42.98	nq	99
87) Benzo(b)fluoranthene	14.89	252	466359m	39.72	nq	
88) Benzo(k)fluoranthene	14.92	252	489205m	47.06	nq	
89) Benzo(a)pyrene	15.23	252	448509	43.12	nq	# 95
90) Dibenzo(a,h)anthracene	16.63	278	372759	44.54	nq	99
91) Benzo(g,h,i)perylene	17.01	276	344974	42.59	nq	98

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

```

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Misc      :
ALS Vial  : 36    Sample Multiplier: 1

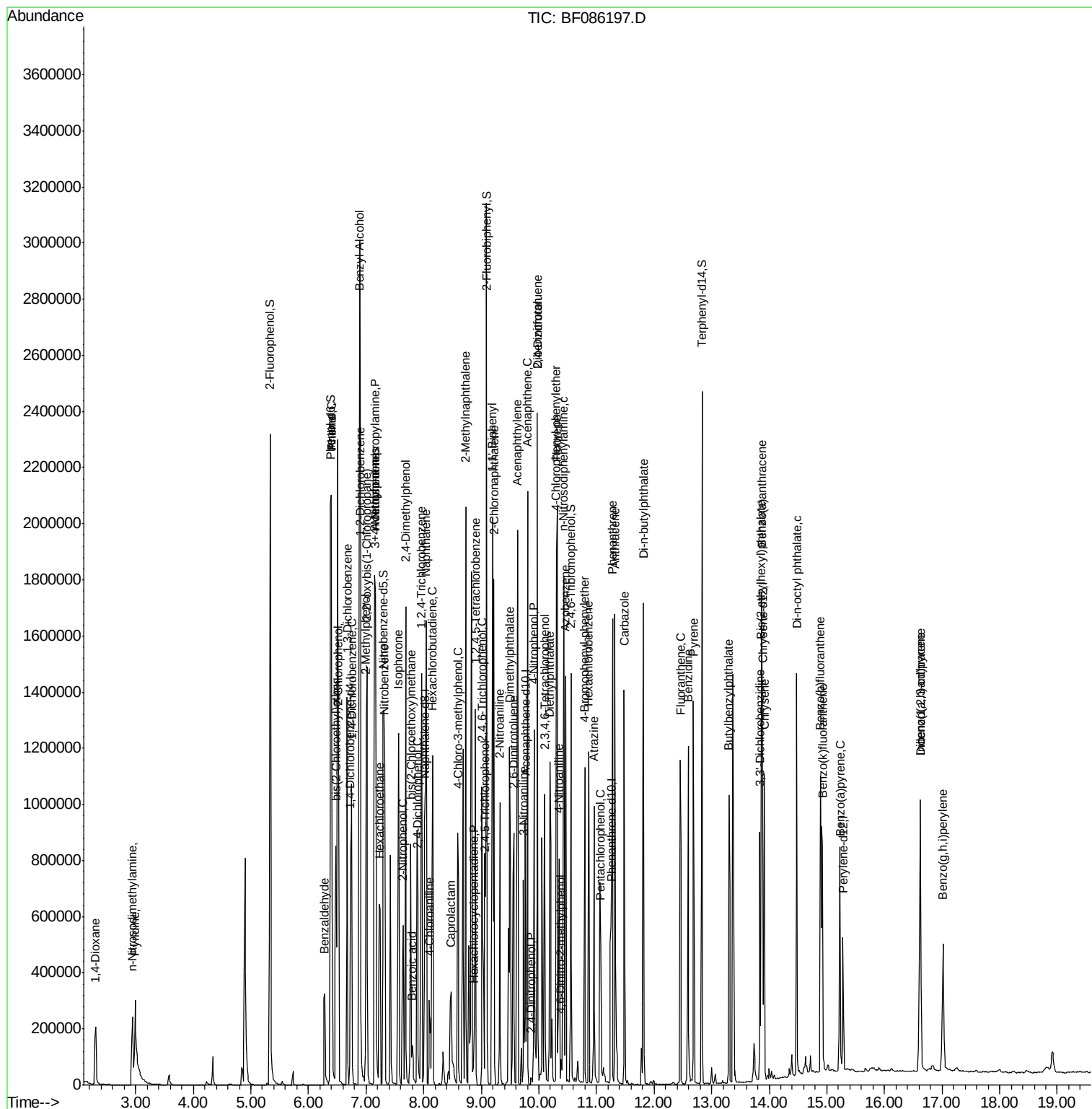
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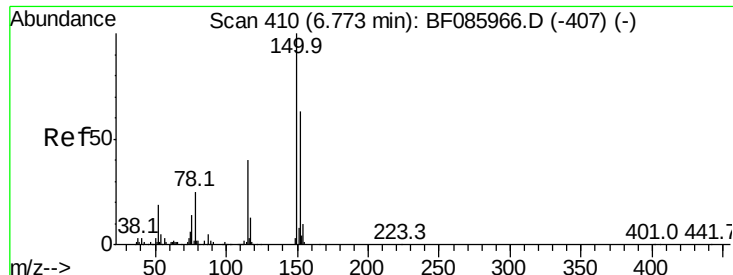
Instrument :
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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.73 min Scan# 406

Delta R.T. -0.05 min

Lab File: BF086197.D

Acq: 9 Apr 2016 4:49

Instrument :

BNA_F

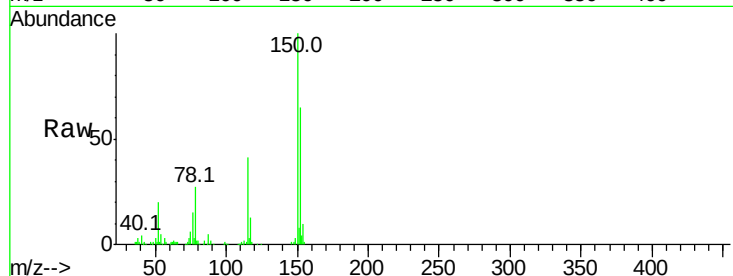
ClientSampleId :

AMBOY-SB-36(0.5-20.0)MS

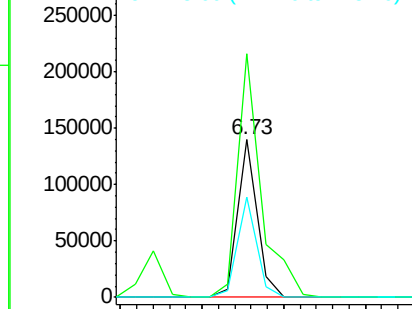
Tot Ion:	152	Resp:	114132
Ion Ratio	Lower	Upper	
152	100		
150	154.5	124.2	186.2
115	63.4	47.0	70.6

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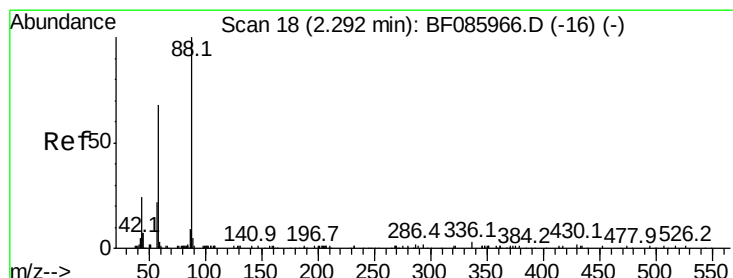
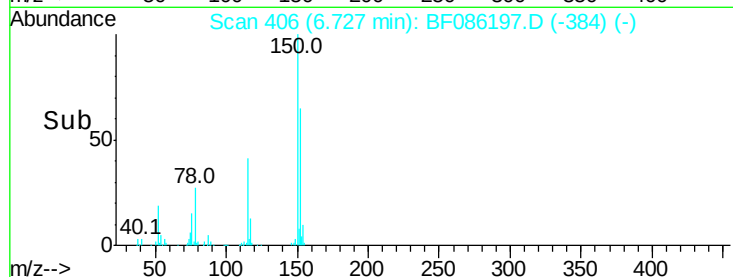
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Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



Time-->



#2

1,4-Dioxane

Concen: 40.83 ng

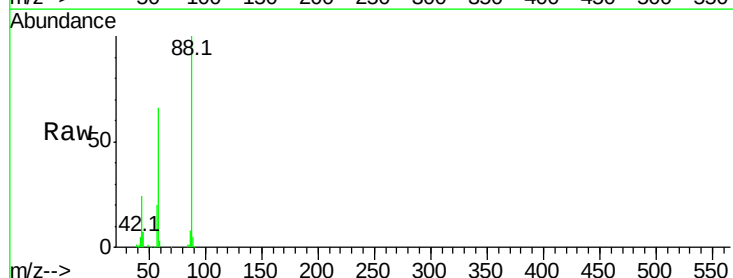
RT: 2.30 min Scan# 19

Delta R.T. 0.01 min

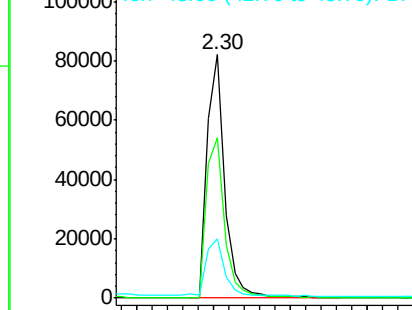
Lab File: BF086197.D

Acq: 9 Apr 2016 4:49

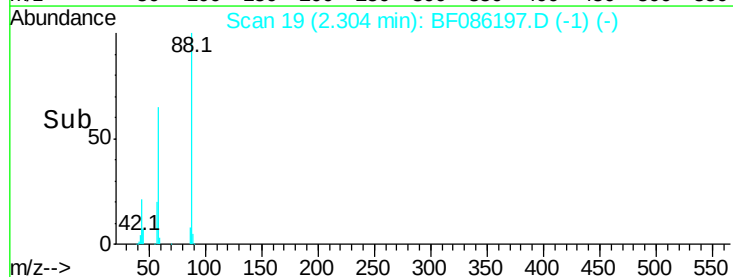
Tgt Ion:	88	Resp:	129252
Ion Ratio	Lower	Upper	
88	100		
58	69.5	54.2	81.2
43	25.1	19.3	28.9

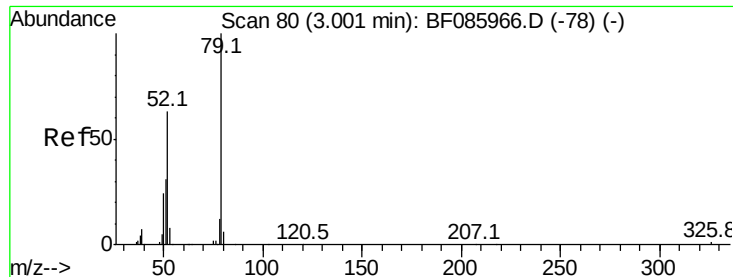


Abundance Ion 88.00 (87.70 to 88.70): BF0
Ion 58.00 (57.70 to 58.70): BF0
Ion 43.00 (42.70 to 43.70): BF0



Time-->





#3

Pvridine

Concen: 42.45 ng

RT: 2.99 min Scan# 79

Delta R.T. -0.01 min

Lab File: BF086197.D

Acq: 9 Apr 2016 4:49

Instrument :

BNA_F

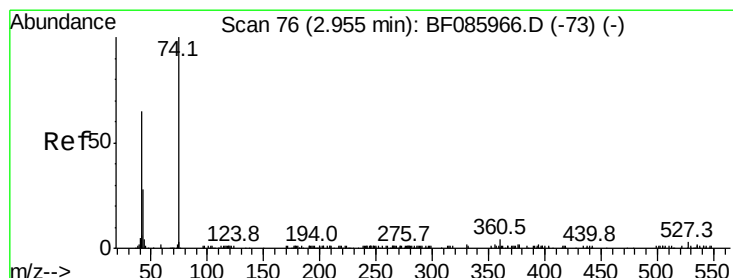
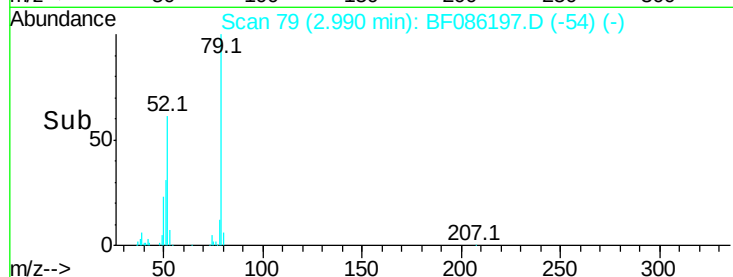
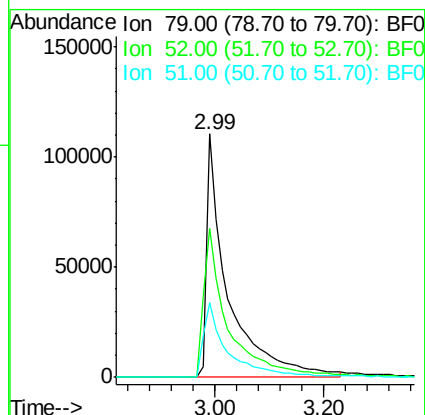
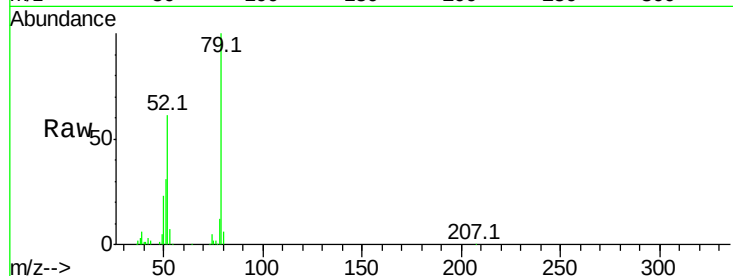
ClientSampleId :

AMBOY-SB-36(0.5-20.0)MS

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Tot Ion	Ratio	Lower	Upper
79	100		
52	61.2	49.8	74.6
51	30.6	24.7	37.1



#4

n-Nitrosodimethylamine

Concen: 47.92 ng

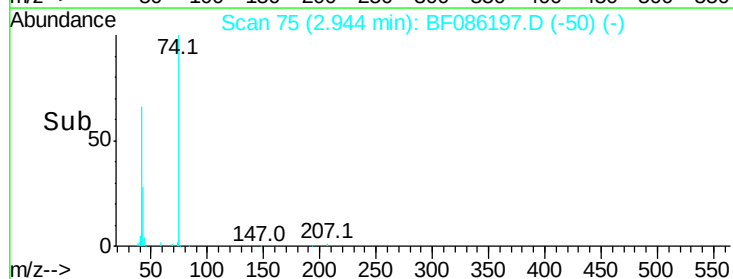
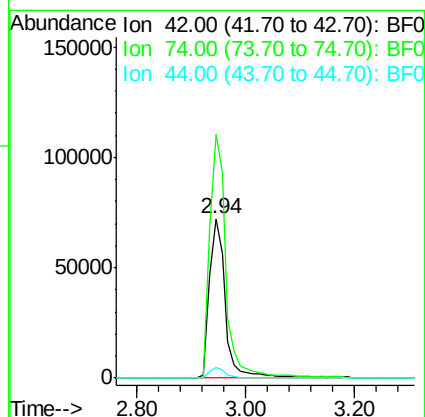
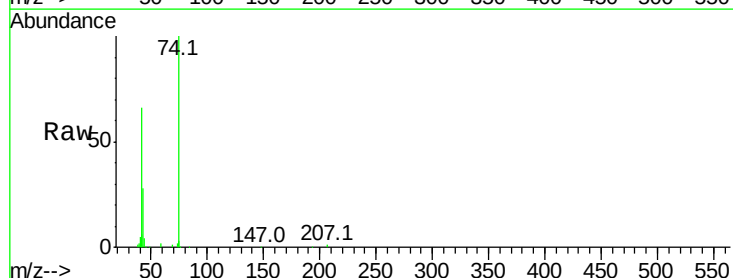
RT: 2.94 min Scan# 75

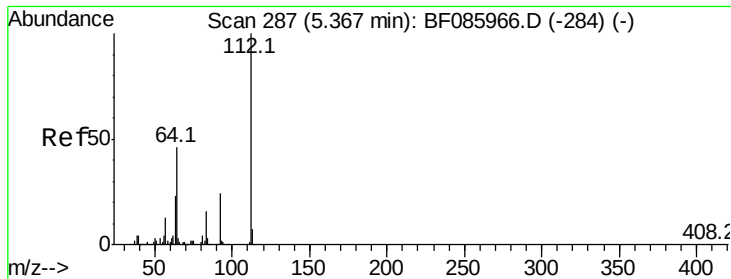
Delta R.T. -0.01 min

Lab File: BF086197.D

Acq: 9 Apr 2016 4:49

Tgt Ion	Ratio	Lower	Upper
42	100		
74	152.5	121.4	182.2
44	6.7	5.6	8.4





#5

2-Fluorophenol

Concen: 124.77 ng

RT: 5.33 min Scan# 284

Delta R.T. -0.03 min

Lab File: BF086197.D

Acq: 9 Apr 2016 4:49

Instrument :

BNA_F

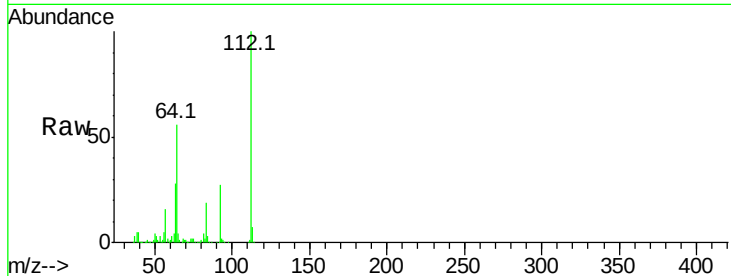
ClientSampleId :

AMBOY-SB-36(0.5-20.0)MS

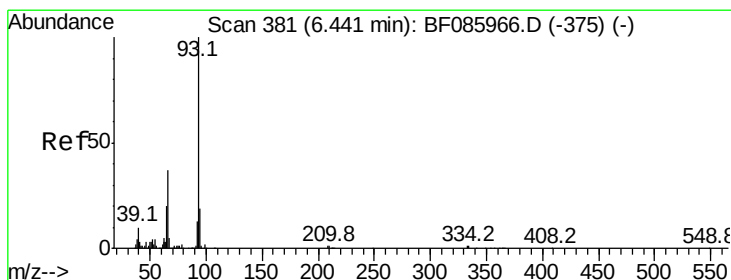
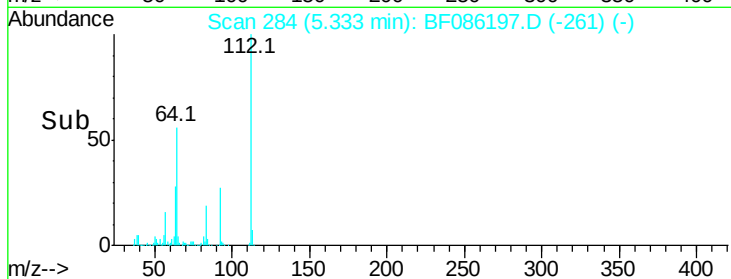
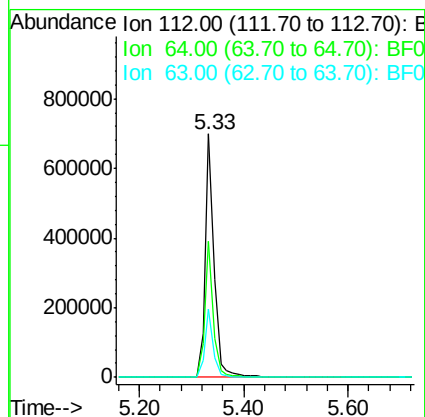
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Tot Ion	Ratio	Resp	Lower	Upper
112	100	833104		
64	55.9	39.9	59.9	
63	27.9	20.2	30.2	



#6

Aniline

Concen: 20.98 ng

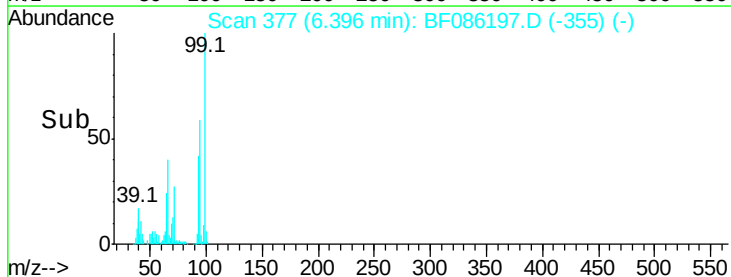
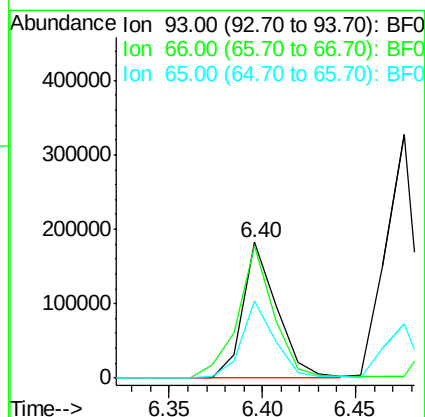
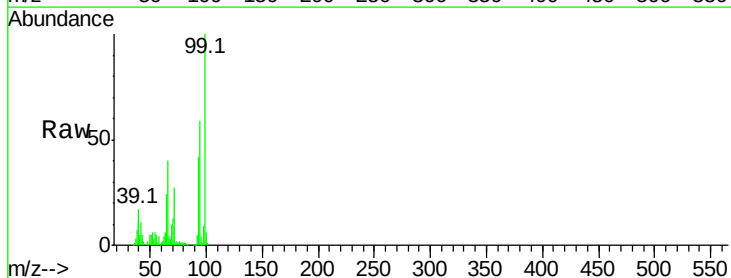
RT: 6.40 min Scan# 377

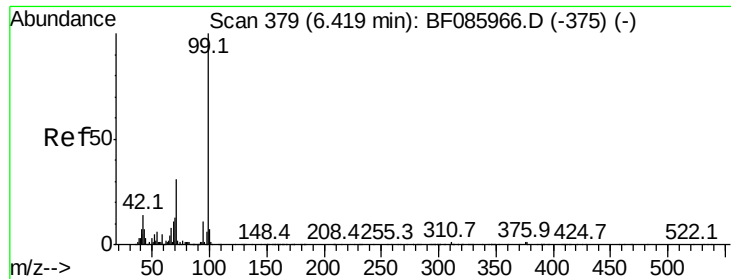
Delta R.T. -0.05 min

Lab File: BF086197.D

Acq: 9 Apr 2016 4:49

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	233460		
66	97.5	31.4	47.2#	
65	57.1	15.7	23.5#	





#7

Phenol-d6

Concen: 127.44 ng

RT: 6.38 min Scan# 376

Delta R.T. -0.03 min

Lab File: BF086197.D

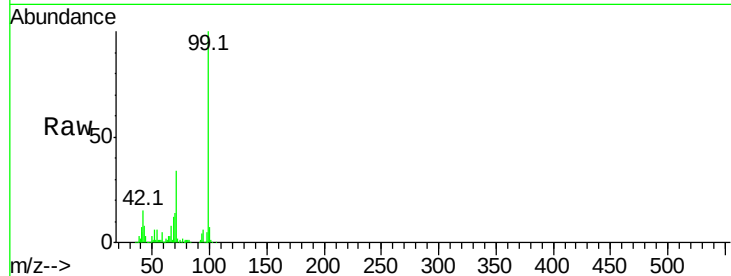
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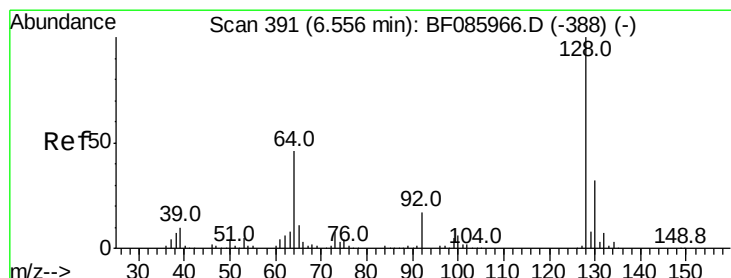
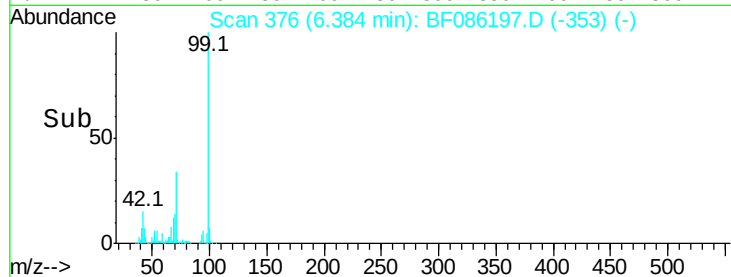
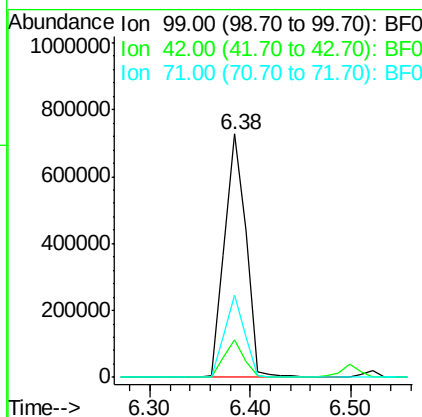
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Tot Ion	99	Ratio	100	Resp	1080868
Ion	99	Ratio	100	Lower	Upper
42	15.2	11.1	16.7		
71	33.6	24.9	37.3		

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#8

2-Chlorophenol

Concen: 43.70 ng

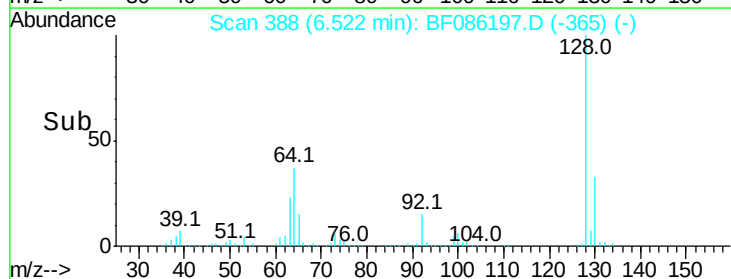
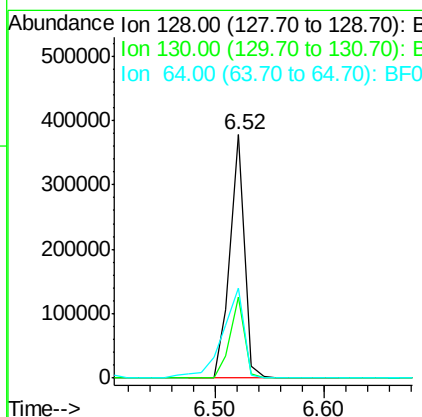
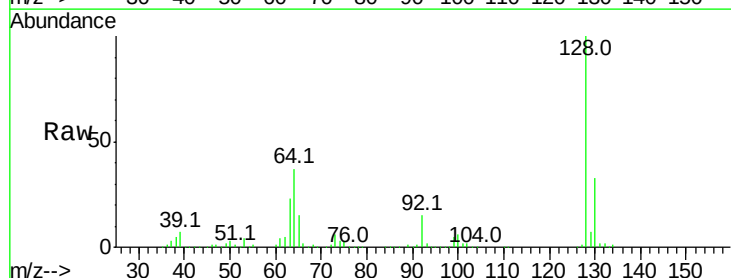
RT: 6.52 min Scan# 388

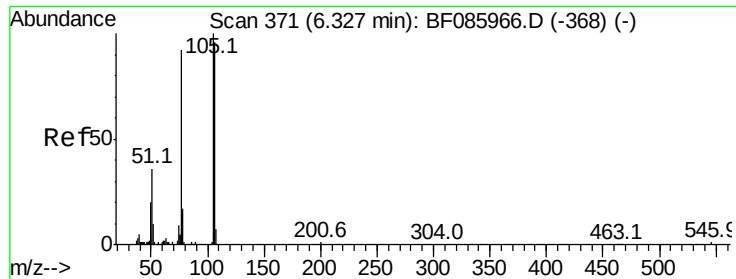
Delta R.T. -0.03 min

Lab File: BF086197.D

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Tgt Ion	128	Ratio	100	Resp	347991
Ion	128	Ratio	100	Lower	Upper
130	33.4	12.9	52.9		
64	36.8	20.2	60.2		





#9

Benzaldehyde

Concen: 26.06 ng

RT: 6.27 min Scan# 366

Delta R.T. -0.06 min

Lab File: BF086197.D

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Instrument :

BNA_F

ClientSampleId :

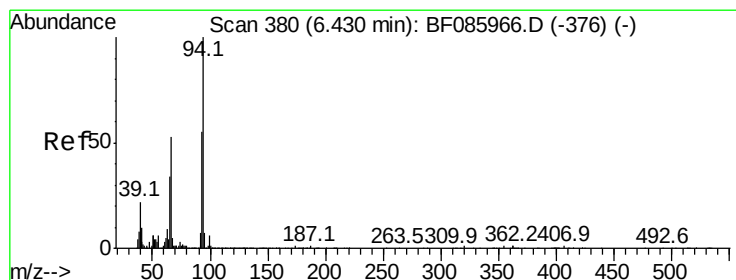
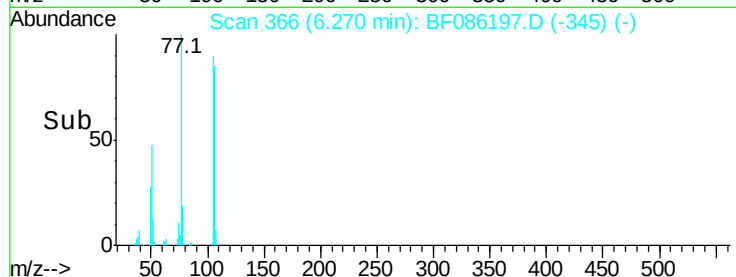
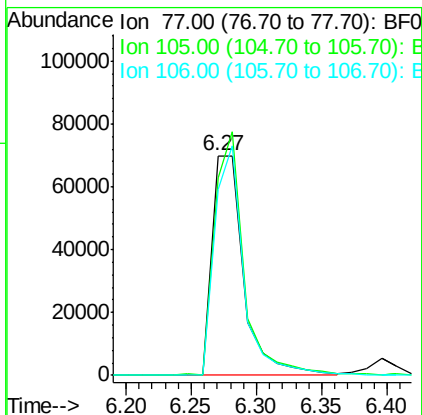
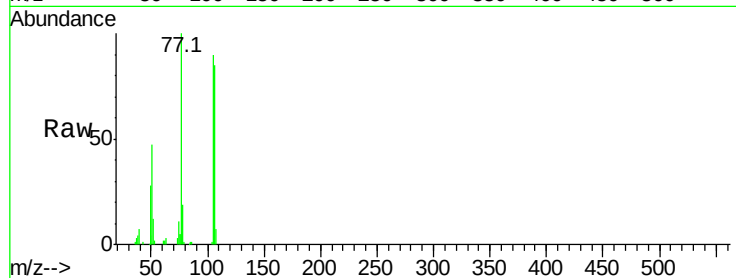
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Tot Ion	Ratio	Lower	Upper
77	100		
105	90.1	80.1	120.1
106	84.6	75.0	115.0



#10

Phenol

Concen: 35.91 ng

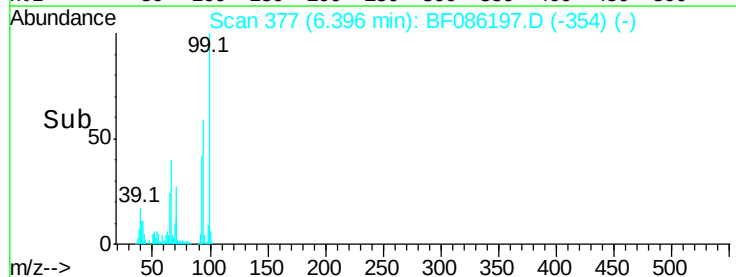
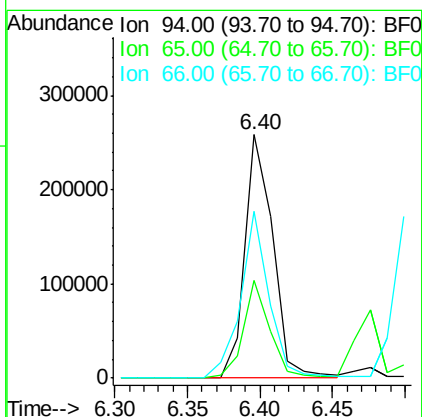
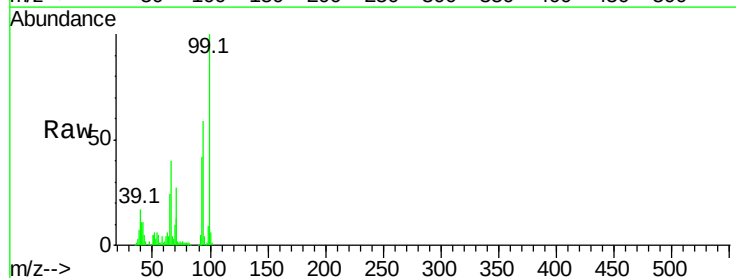
RT: 6.40 min Scan# 377

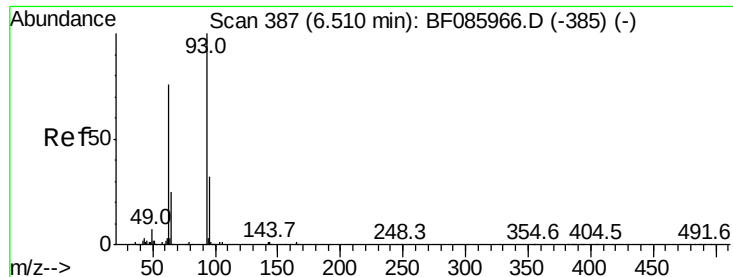
Delta R.T. -0.03 min

Lab File: BF086197.D

Acq: 9 Apr 2016 4:49

Tgt Ion	Ratio	Lower	Upper
94	100		
65	40.3	8.6	48.6
66	68.7	20.0	60.0





#11

bis(2-Chloroethyl)ether

Concen: 43.47 ng

RT: 6.48 min Scan# 384

Delta R.T. -0.03 min

Lab File: BF086197.D

Acq: 9 Apr 2016 4:49

Instrument :

BNA_F

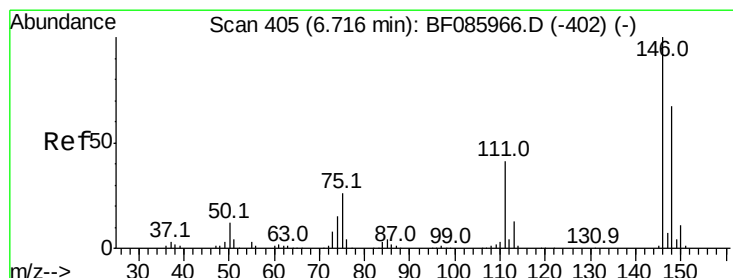
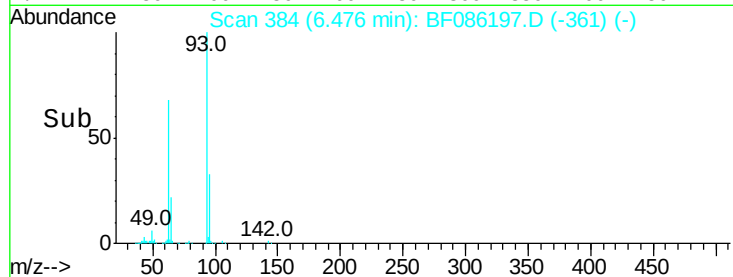
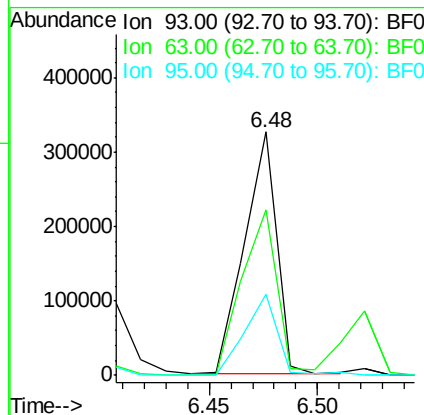
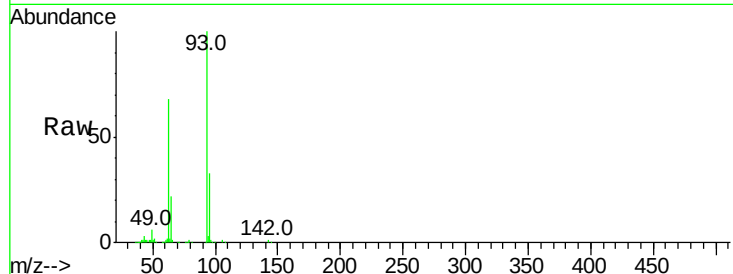
ClientSampleId :

AMBOY-SB-36(0.5-20.0)MS

Tot Ion	93	Resp	333014
Ion Ratio	Lower	Upper	
93	100		
63	68.2	50.9	90.9
95	33.5	13.3	53.3

Manual Integrations
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#12

1,3-Dichlorobenzene

Concen: 43.98 ng

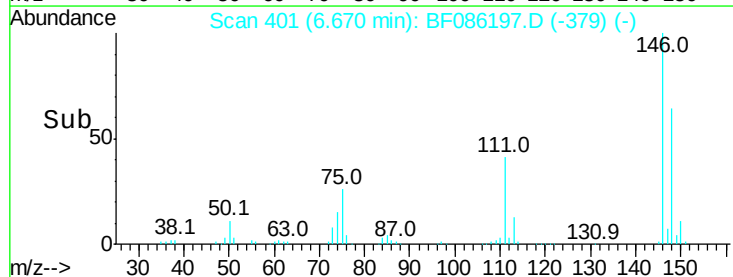
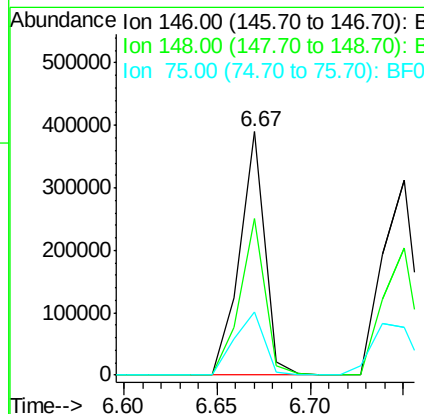
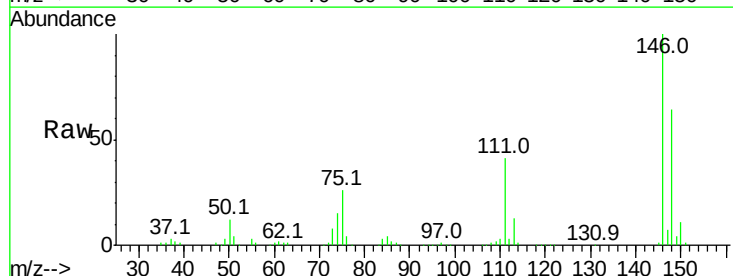
RT: 6.67 min Scan# 401

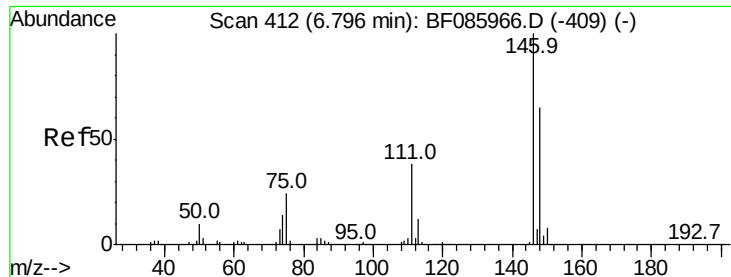
Delta R.T. -0.05 min

Lab File: BF086197.D

Acq: 9 Apr 2016 4:49

Tgt Ion	146	Resp	371145
Ion Ratio	Lower	Upper	
146	100		
148	64.1	52.3	78.5
75	25.9	17.4	26.2





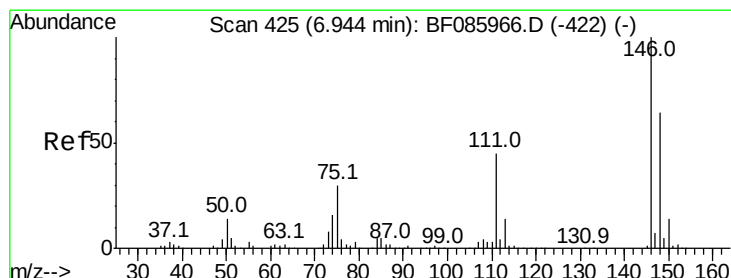
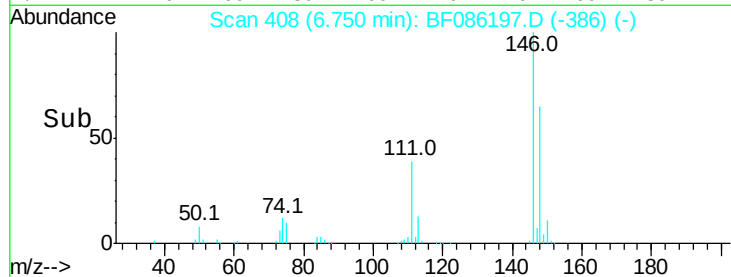
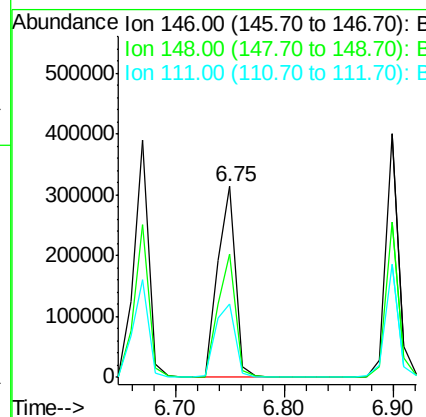
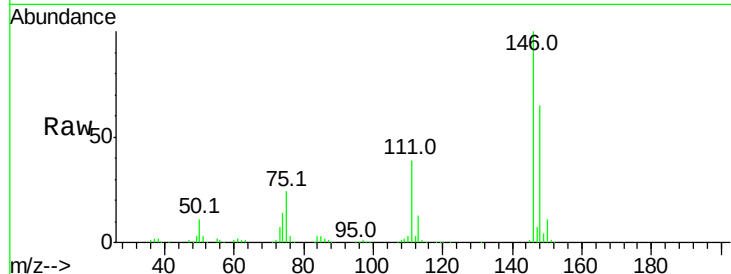
#13
 1,4-Dichlorobenzene
 Concen: 42.10 ng
 RT: 6.75 min Scan# 408
 Delta R.T. -0.05 min
 Lab File: BF086197.D
 Acq: 9 Apr 2016 4:49

Instrument :
 BNA_F
 ClientSampleId :
 AMBOY-SB-36(0.5-20.0)MS

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.7	50.6	76.0
111	38.7	37.8	56.6

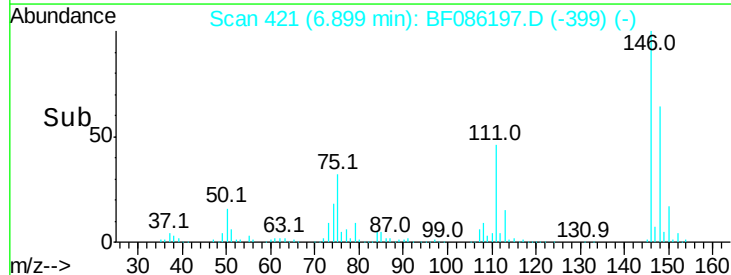
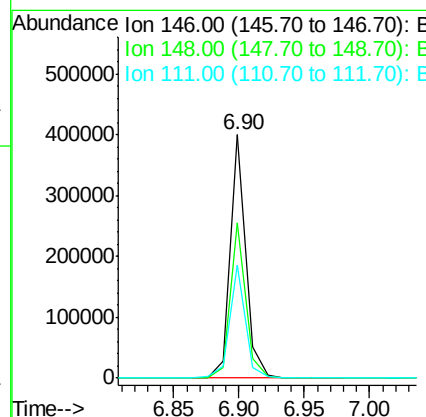
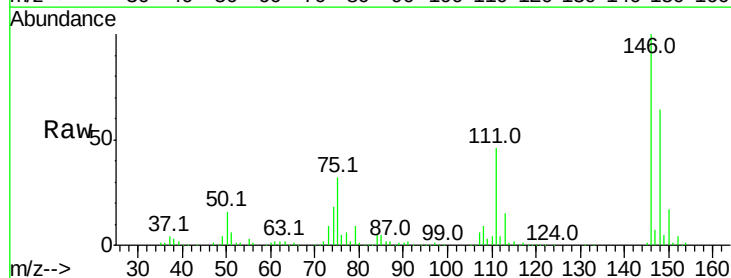
Manual Integrations
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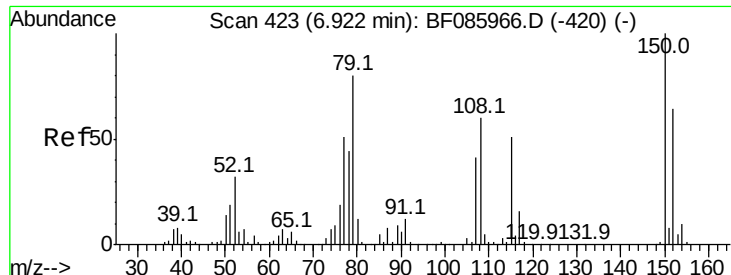
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#14
 1,2-Dichlorobenzene
 Concen: 41.66 ng
 RT: 6.90 min Scan# 421
 Delta R.T. -0.05 min
 Lab File: BF086197.D
 Acq: 9 Apr 2016 4:49

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.0	51.4	77.2
111	46.2	34.6	52.0





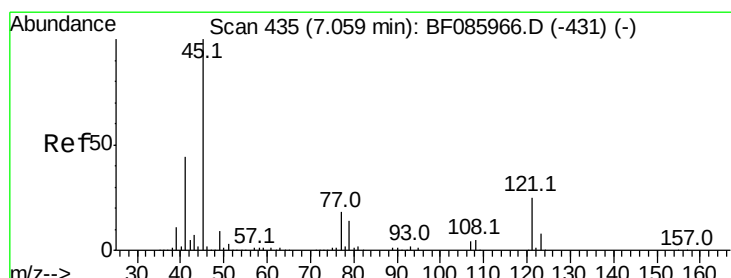
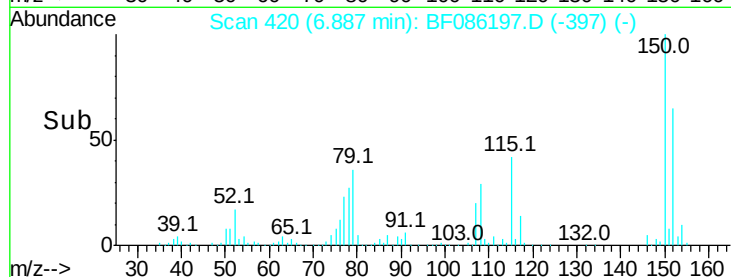
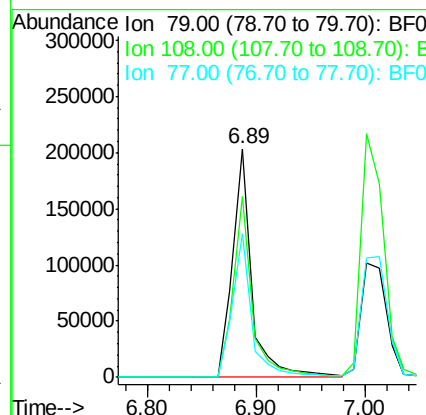
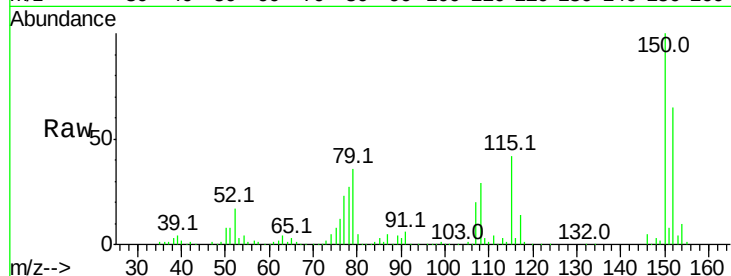
#15
Benzyl Alcohol
Concen: 45.52 ng
RT: 6.89 min Scan# 420
Delta R.T. -0.03 min
Lab File: BF086197.D
Acq: 9 Apr 2016 4:49

Instrument :
BNA_F
ClientSampleId :
AMBOY-SB-36(0.5-20.0)MS

Tot Ion	Ratio	Resp	Lower	Upper
79	100	249750		
108	78.9	61.8	92.6	
77	63.2	49.6	74.4	

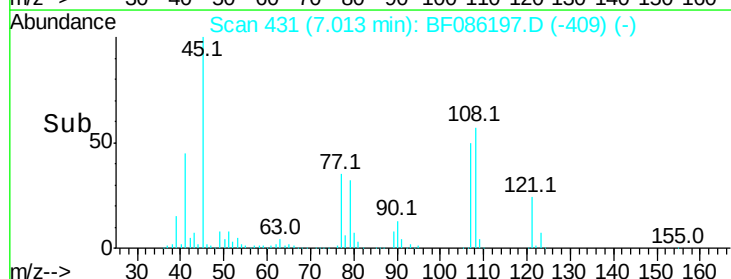
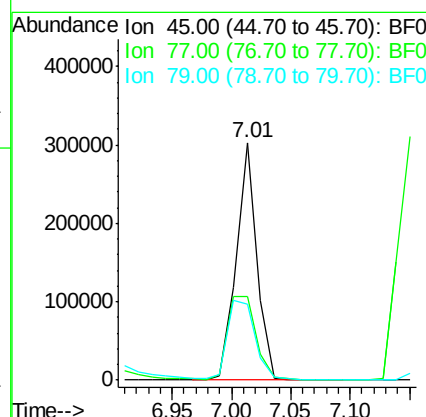
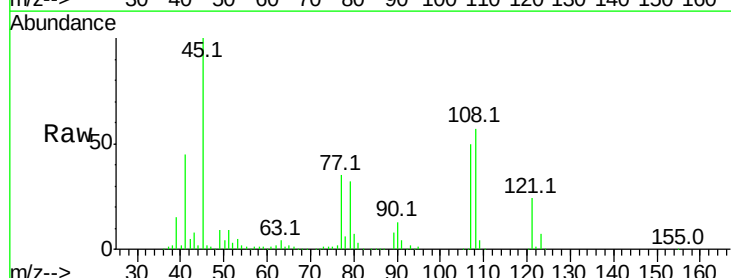
Manual Integrations
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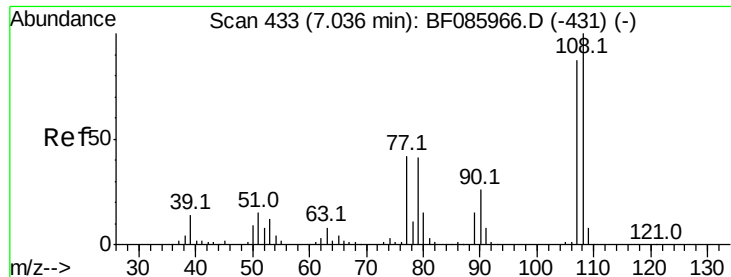
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 39.00 ng
RT: 7.01 min Scan# 431
Delta R.T. -0.05 min
Lab File: BF086197.D
Acq: 9 Apr 2016 4:49

Tgt Ion	Ratio	Resp	Lower	Upper
45	100	365041		
77	35.5	0.0	35.7	
79	32.0	0.0	32.2	





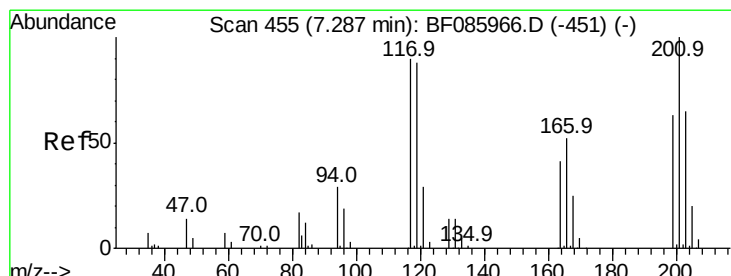
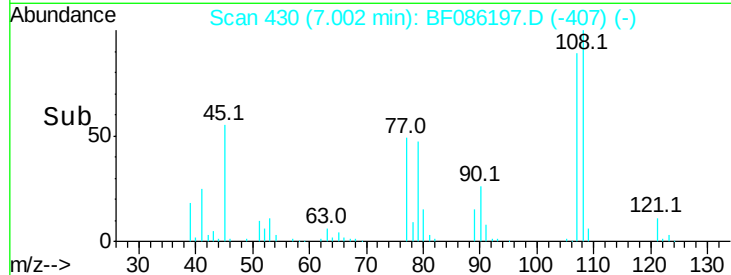
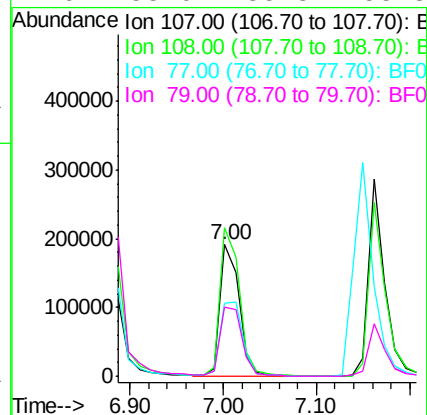
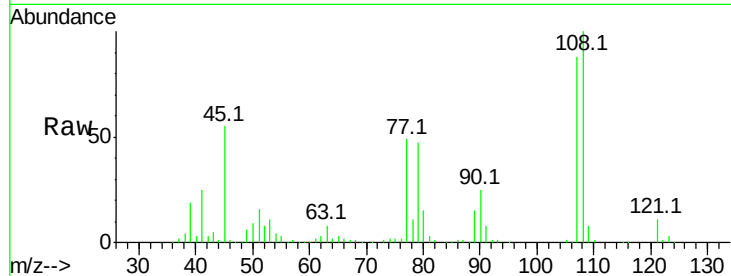
#17
2-Methylphenol
Concen: 42.96 ng
RT: 7.00 min Scan# 430
Delta R.T. -0.03 min
Lab File: BF086197.D
Acq: 9 Apr 2016 4:49

Instrument :
BNA_F
ClientSampleId :
AMBOY-SB-36(0.5-20.0)MS

Tot Ion	Ratio	Resp	Lower	Upper
107	100	269726		
108	113.3	91.4	137.0	
77	55.5	36.2	54.2#	
79	53.0	35.8	53.8	

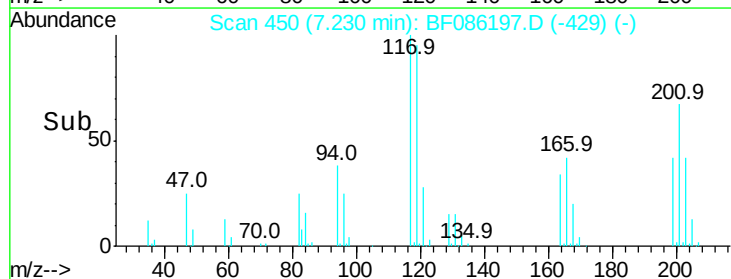
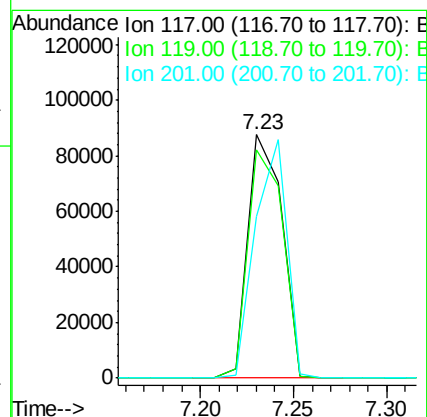
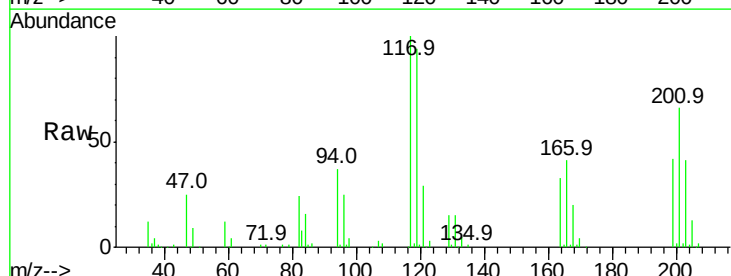
Manual Integrations
APPROVED

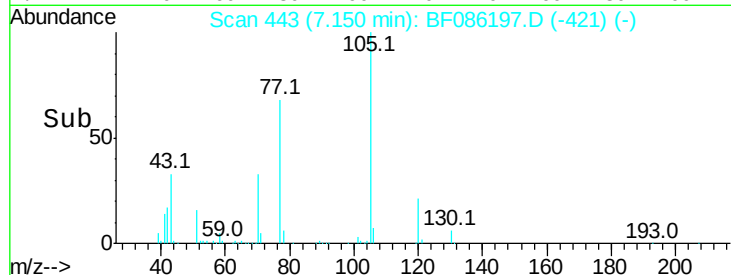
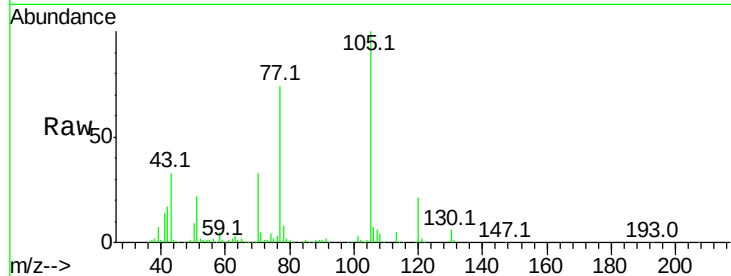
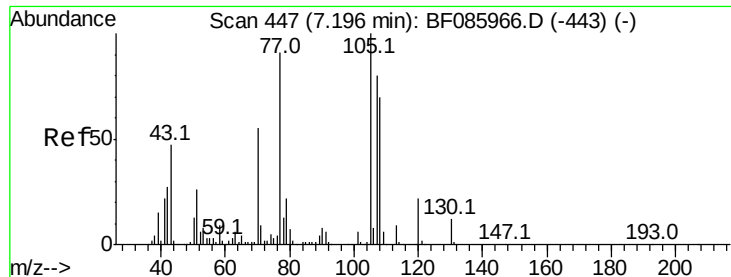
Sohil
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#18
Hexachloroethane
Concen: 34.79 ng
RT: 7.23 min Scan# 450
Delta R.T. -0.06 min
Lab File: BF086197.D
Acq: 9 Apr 2016 4:49

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	111266		
119	93.7	76.7	115.1	
201	66.5	83.3	124.9#	





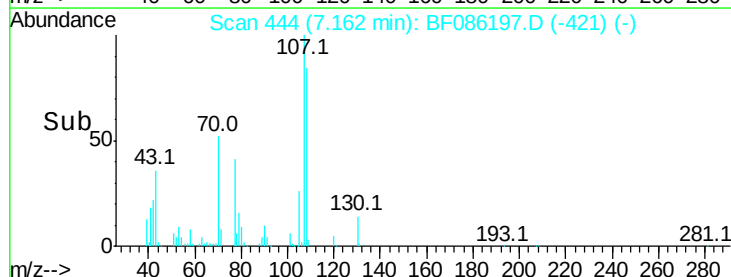
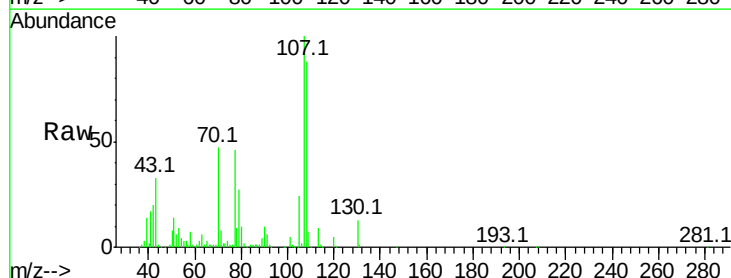
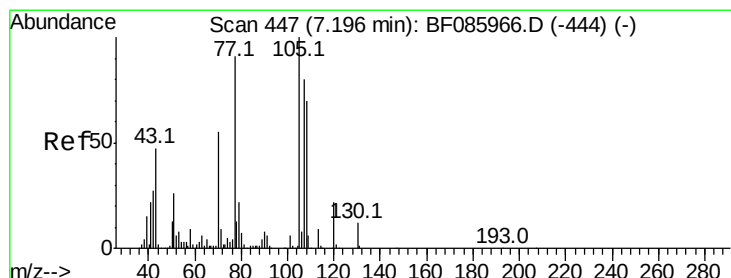
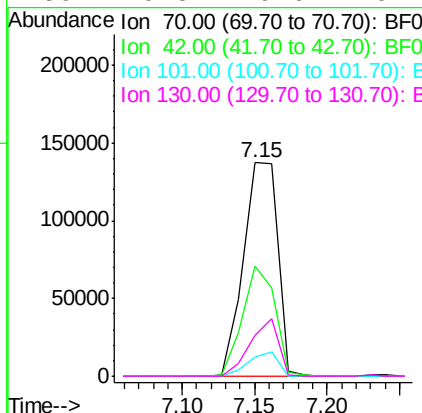
#19
n-Nitroso-di-n-propylamine
Concen: 42.87 ng
RT: 7.15 min Scan# 443
Delta R.T. -0.05 min
Lab File: BF086197.D
Acq: 9 Apr 2016 4:49

Instrument :
BNA_F
ClientSampleId :
AMBOY-SB-36(0.5-20.0)MS

Tot Ion	Ratio	Lower	Upper
70	100		
42	51.5	37.1	55.7
101	9.2	8.6	12.8
130	19.3	19.6	29.4#

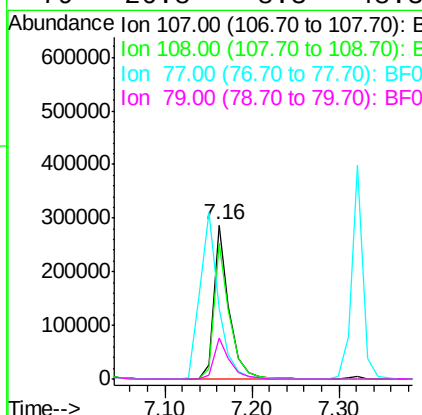
Manual Integrations
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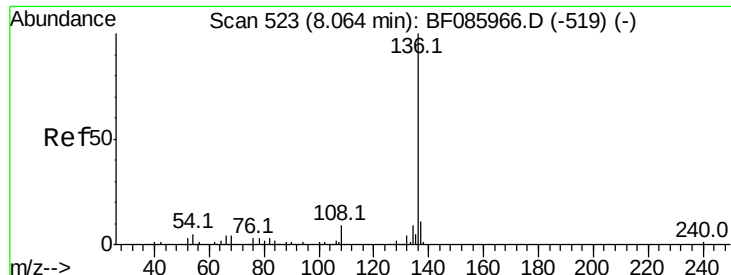
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#20
3+4-Methylphenols
Concen: 45.98 ng
RT: 7.16 min Scan# 444
Delta R.T. -0.03 min
Lab File: BF086197.D
Acq: 9 Apr 2016 4:49

Tgt Ion	Ratio	Lower	Upper
107	100		
108	88.4	69.3	109.3
77	45.7	101.7	141.7#
79	26.8	8.3	48.3





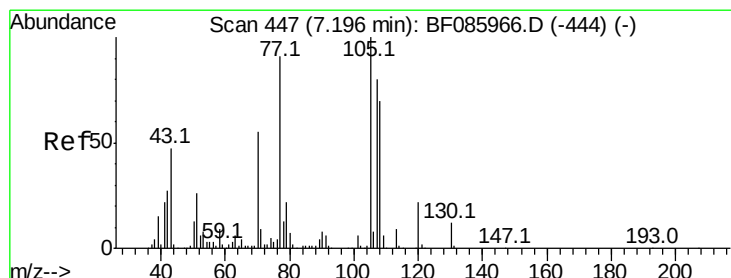
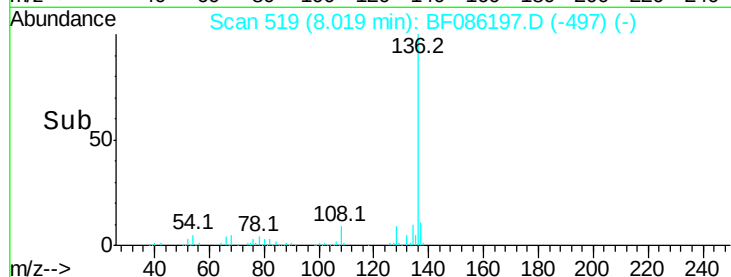
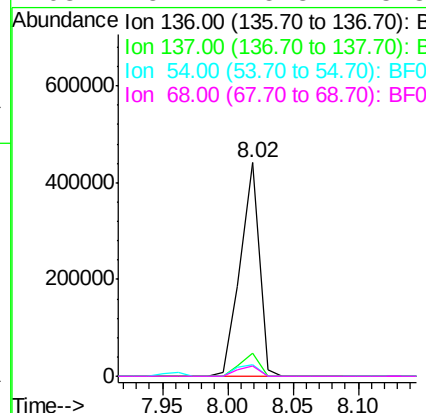
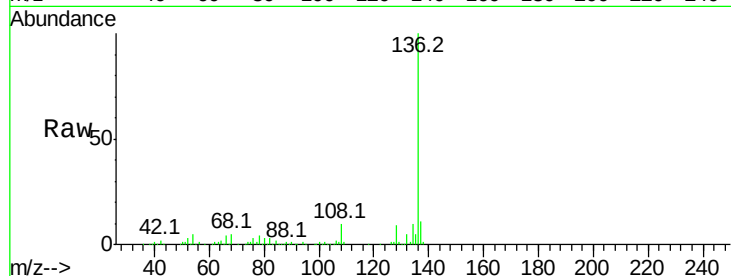
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.02 min Scan# 519
Delta R.T. -0.05 min
Lab File: BF086197.D
Acq: 9 Apr 2016 4:49

Instrument :
BNA_F
ClientSampleId :
AMBOY-SB-36(0.5-20.0)MS

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	10.8	9.1	13.7	
54	5.5	7.4	11.0	
68	5.1	5.8	8.8	

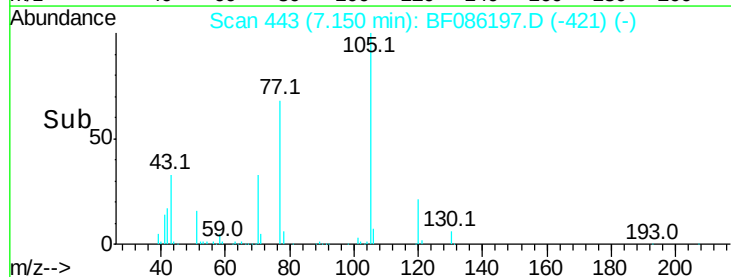
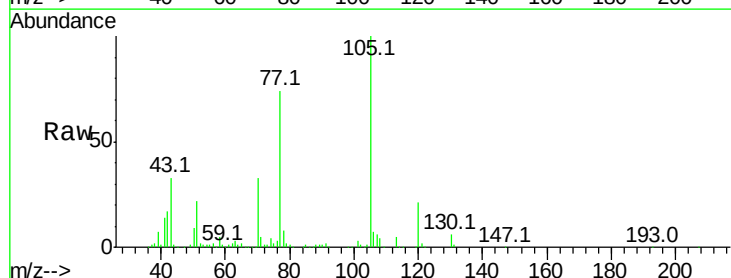
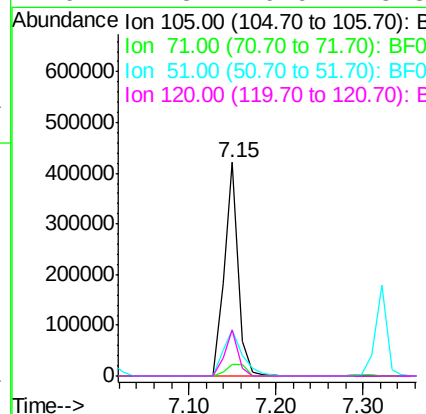
Manual Integrations
APPROVED

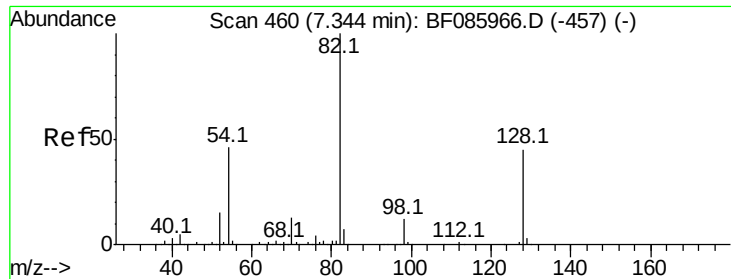
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#22
Acetophenone
Concen: 44.99 ng
RT: 7.15 min Scan# 443
Delta R.T. -0.05 min
Lab File: BF086197.D
Acq: 9 Apr 2016 4:49

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	5.5	3.6	5.4	
51	21.8	25.4	38.0	
120	21.3	16.9	25.3	





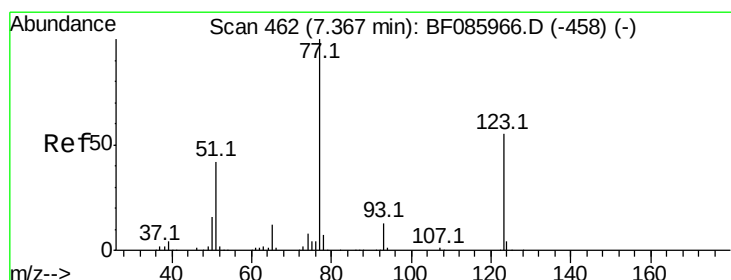
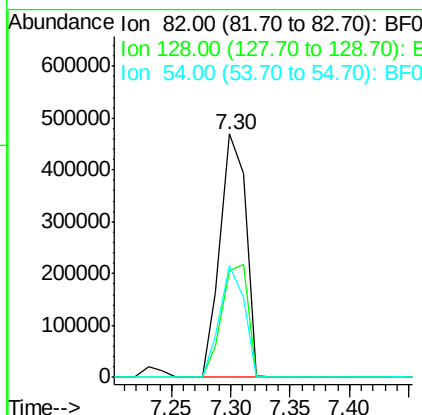
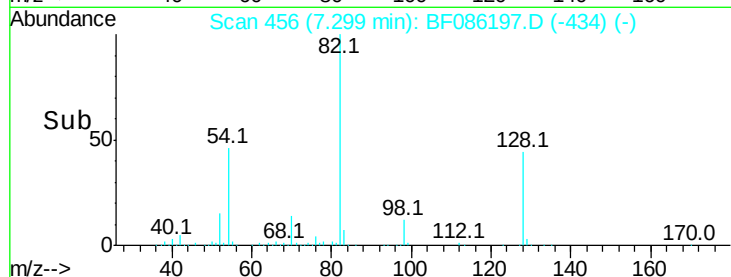
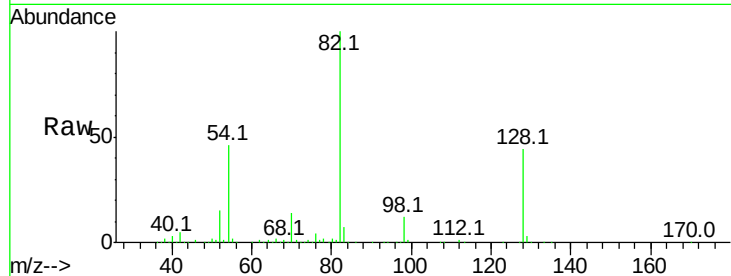
#23
Nitrobenzene-d5
Concen: 93.80 ng
RT: 7.30 min Scan# 456
Delta R.T. -0.05 min
Lab File: BF086197.D
Acq: 9 Apr 2016 4:49

Instrument :
BNA_F
ClientSampleId :
AMBOY-SB-36(0.5-20.0)MS

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	43.6	41.8	62.8	
54	45.7	33.4	50.0	

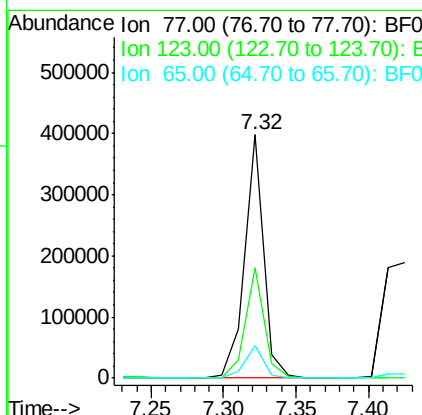
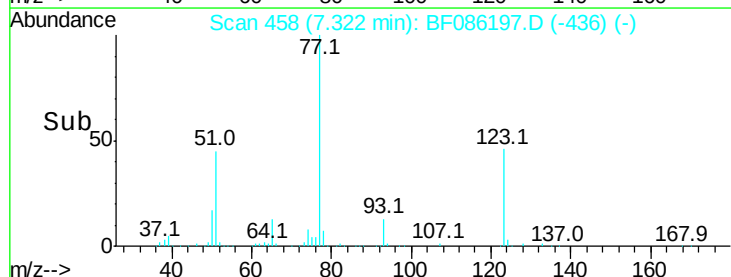
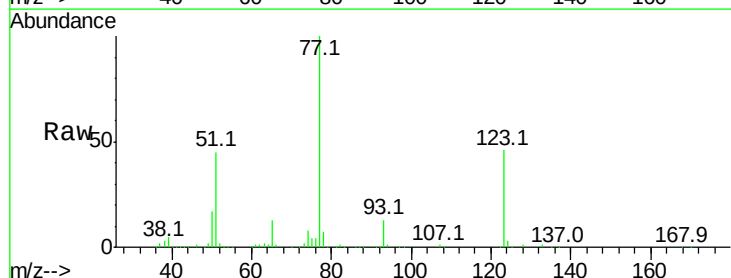
Manual Integrations
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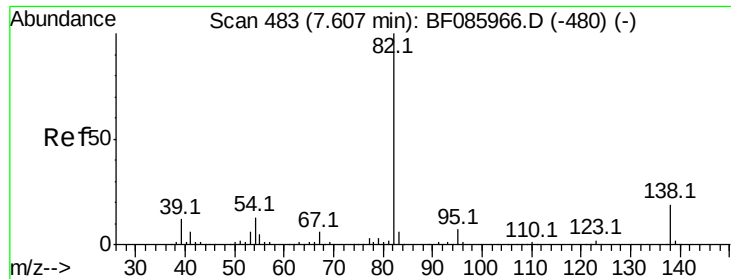
Sohil
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#24
Nitrobenzene
Concen: 43.57 ng
RT: 7.32 min Scan# 458
Delta R.T. -0.05 min
Lab File: BF086197.D
Acq: 9 Apr 2016 4:49

Tgt Ion	Ratio	Resp	Lower	Upper
77	100			
123	45.6	35.0	52.4	
65	13.2	10.6	16.0	





#25

Isophorone

Concen: 44.21 ng

RT: 7.56 min Scan# 479

Delta R.T. -0.05 min

Lab File: BF086197.D

Acq: 9 Apr 2016 4:49

Instrument :

BNA_F

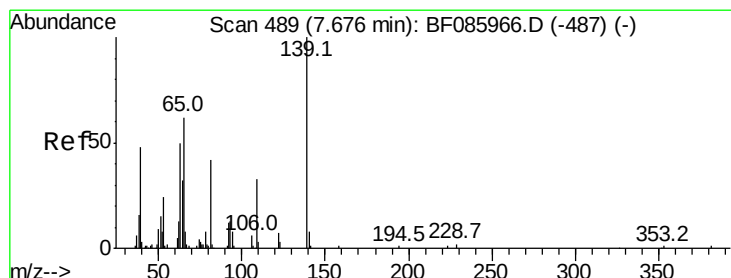
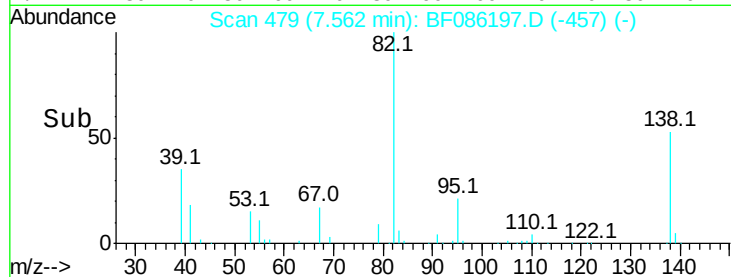
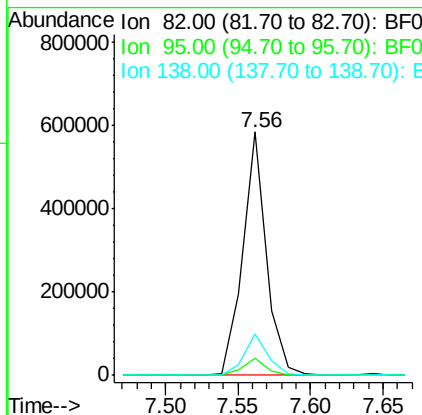
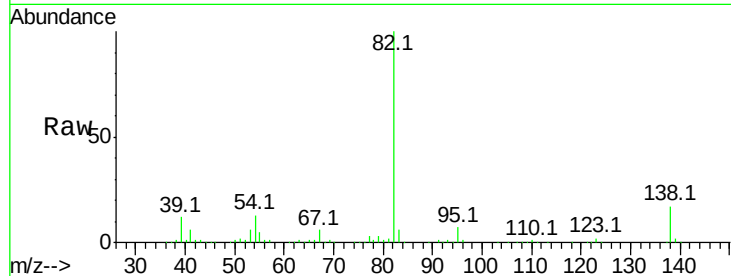
ClientSampleId :

AMBOY-SB-36(0.5-20.0)MS

Tot Ion:	82	Resp:	660407
Ion Ratio		Lower	Upper
82	100		
95	7.0	5.4	8.2
138	17.3	12.9	19.3

Manual Integrations
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#26

2-Nitrophenol

Concen: 38.41 ng

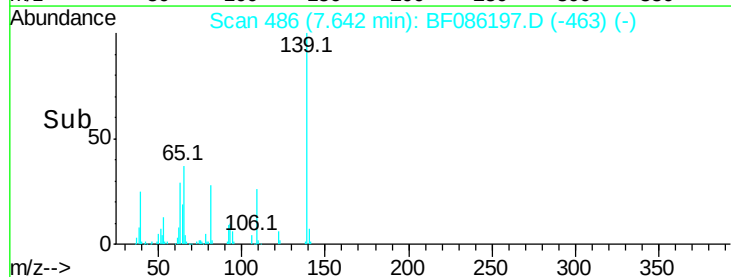
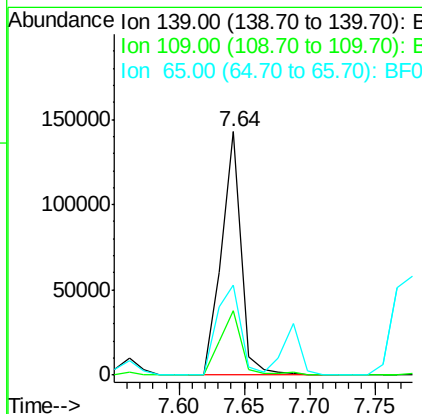
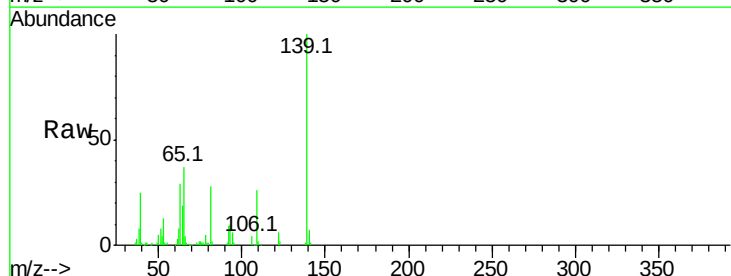
RT: 7.64 min Scan# 486

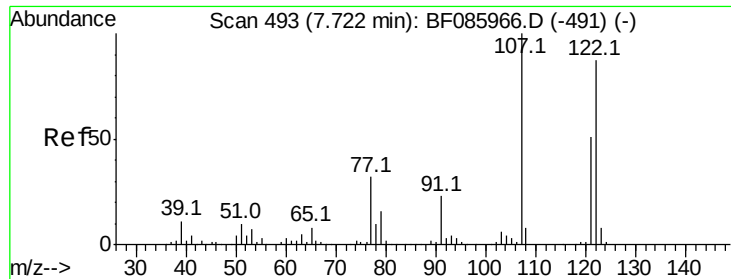
Delta R.T. -0.03 min

Lab File: BF086197.D

Acq: 9 Apr 2016 4:49

Tgt Ion:	139	Resp:	152142
Ion Ratio		Lower	Upper
139	100		
109	26.5	22.1	33.1
65	36.8	33.9	50.9





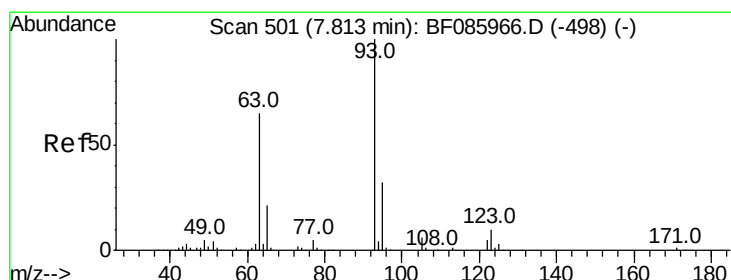
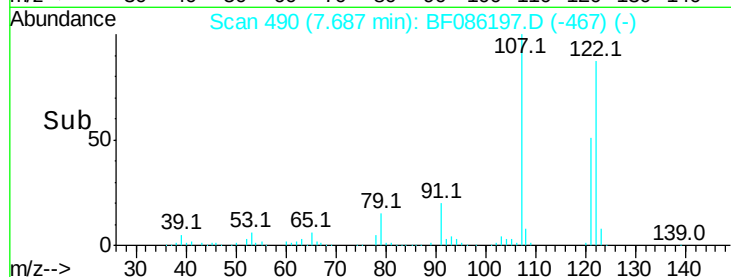
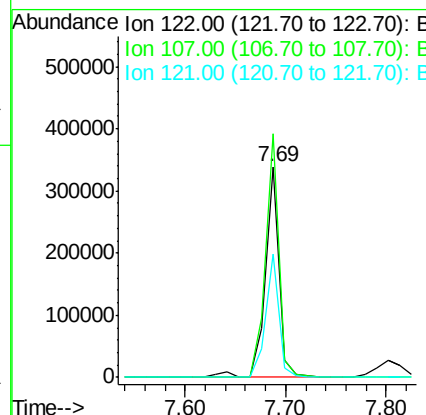
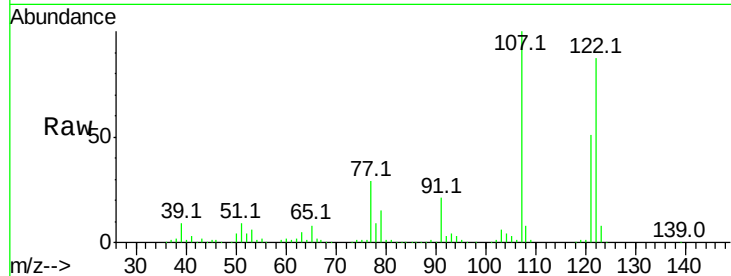
#27
 2,4-Dimethylphenol
 Concen: 45.37 ng
 RT: 7.69 min Scan# 490
 Delta R.T. -0.03 min
 Lab File: BF086197.D
 Acq: 9 Apr 2016 4:49

Instrument :
 BNA_F
 ClientSampleId :
 AMBOY-SB-36(0.5-20.0)MS

Tot Ion	Ratio	Resp	Lower	Upper
122	100	322746		
107	115.5	93.0	139.6	
121	58.8	45.9	68.9	

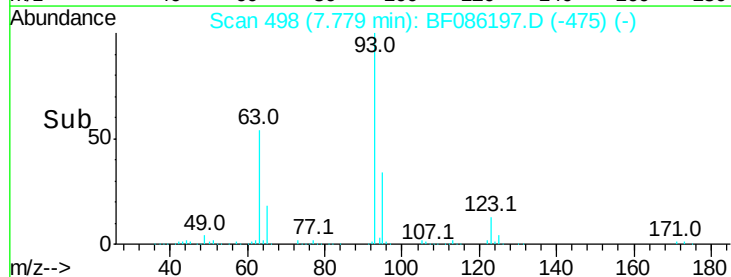
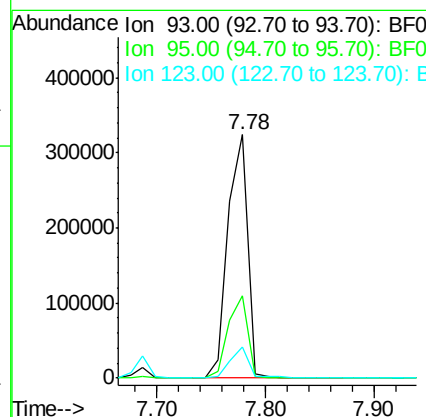
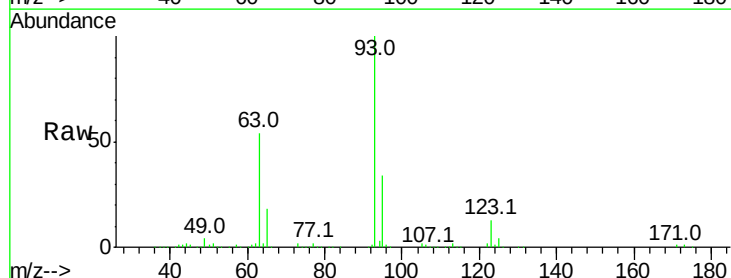
Manual Integrations
 APPROVED

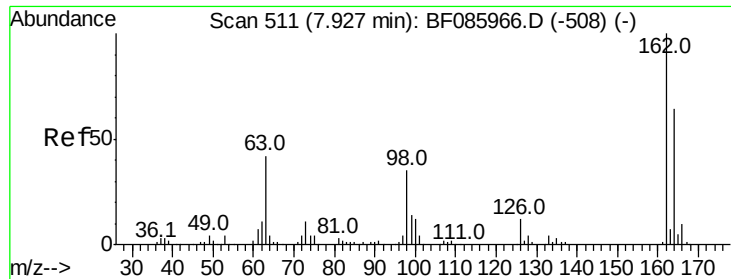
Sohil
 4/11/2016 5:45:29 PM



#28
 bis(2-Chloroethoxy)methane
 Concen: 46.66 ng
 RT: 7.78 min Scan# 498
 Delta R.T. -0.03 min
 Lab File: BF086197.D
 Acq: 9 Apr 2016 4:49

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	408986		
95	33.7	26.4	39.6	
123	12.6	9.8	14.6	





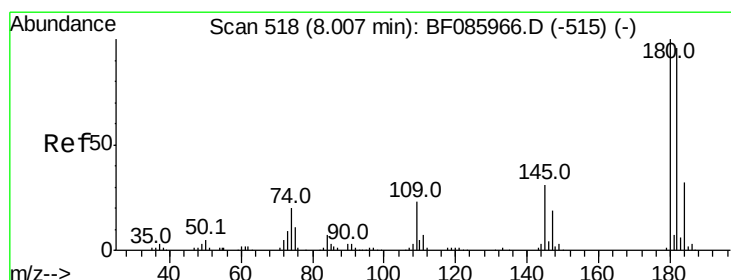
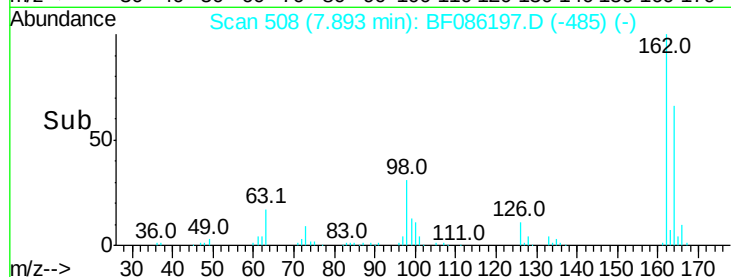
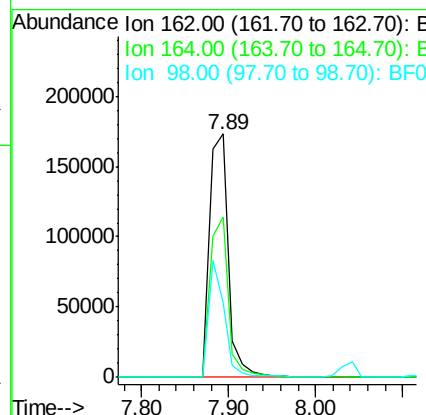
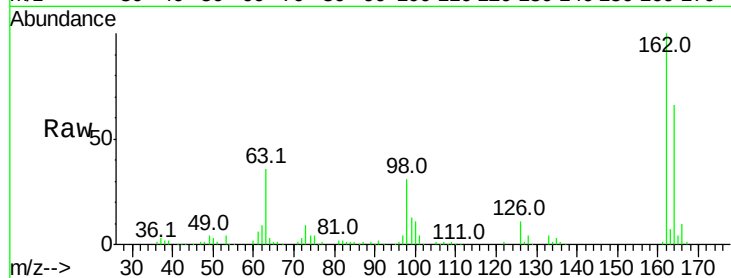
#29
 2,4-Dichlorophenol
 Concen: 43.53 ng
 RT: 7.89 min Scan# 508
 Delta R.T. -0.03 min
 Lab File: BF086197.D
 Acq: 9 Apr 2016 4:49

Instrument :
 BNA_F
 ClientSampleId :
 AMBOY-SB-36(0.5-20.0)MS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	261809		
164	65.6	43.7	83.7	
98	30.7	20.4	60.4	

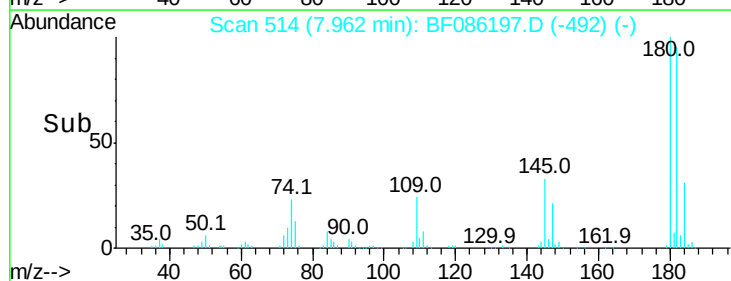
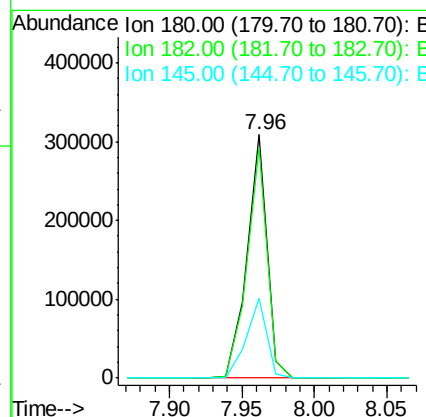
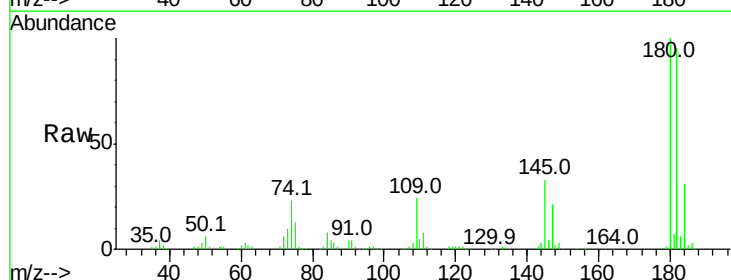
Manual Integrations
 APPROVED

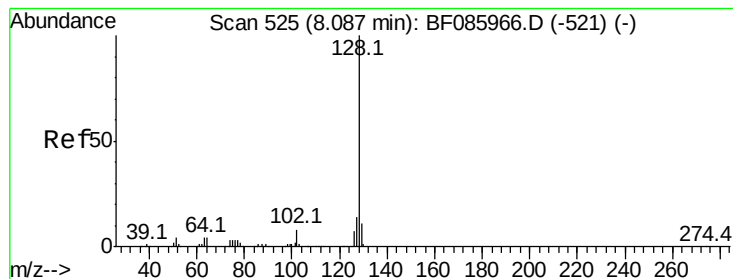
Sohil
 4/11/2016 5:45:29 PM



#30
 1,2,4-Trichlorobenzene
 Concen: 43.66 ng
 RT: 7.96 min Scan# 514
 Delta R.T. -0.05 min
 Lab File: BF086197.D
 Acq: 9 Apr 2016 4:49

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	294768		
182	94.8	73.8	110.8	
145	32.7	28.4	42.6	





#31

Naphthalene

Concen: 43.68 ng

RT: 8.04 min Scan# 521

Delta R.T. -0.05 min

Lab File: BF086197.D

Acq: 9 Apr 2016 4:49

Instrument :

BNA_F

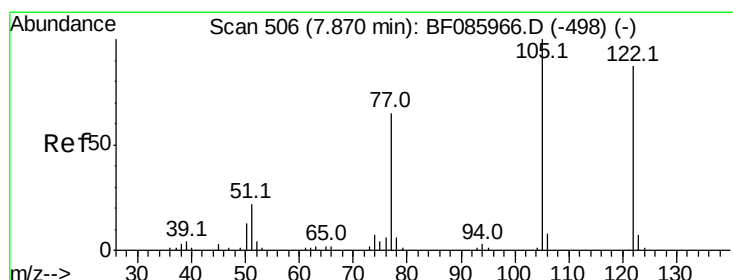
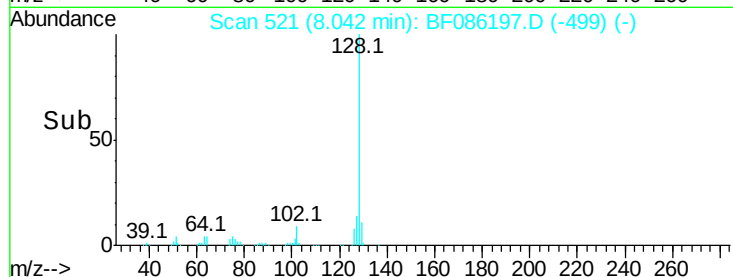
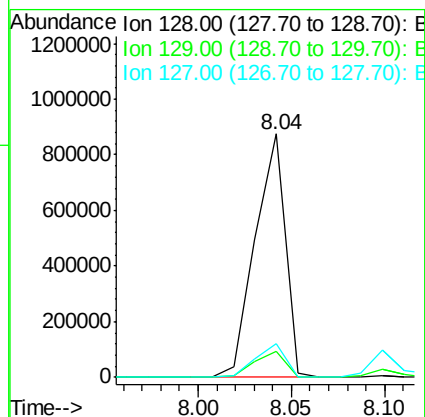
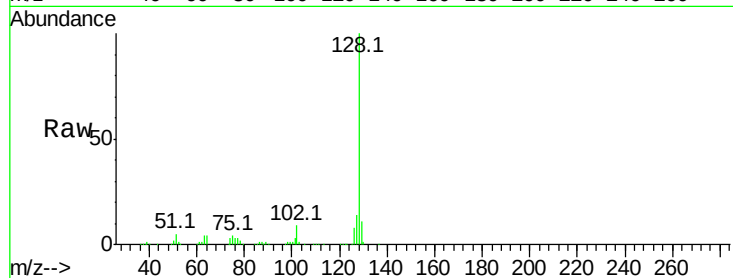
ClientSampleId :

AMBOY-SB-36(0.5-20.0)MS

Tot Ion:	128	Resp:	980431
Ion Ratio	Lower	Upper	
128	100		
129	10.9	9.4	14.0
127	13.7	11.0	16.6

Manual Integrations
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#32

Benzoic acid

Concen: 10.85 ng

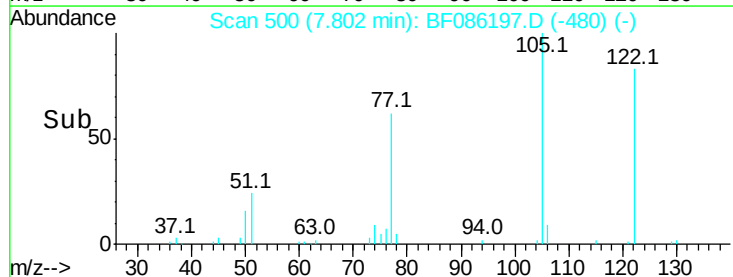
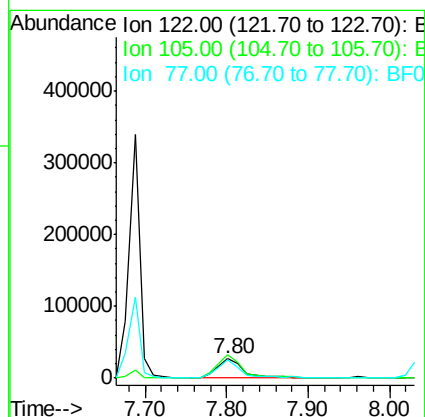
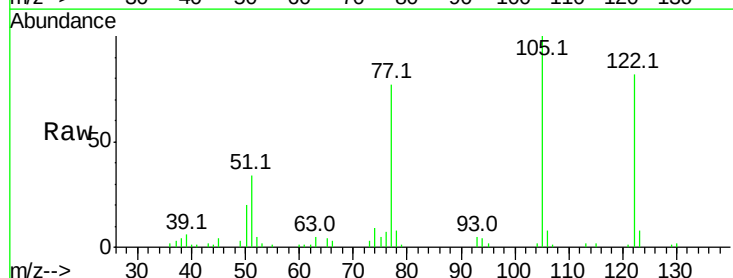
RT: 7.80 min Scan# 500

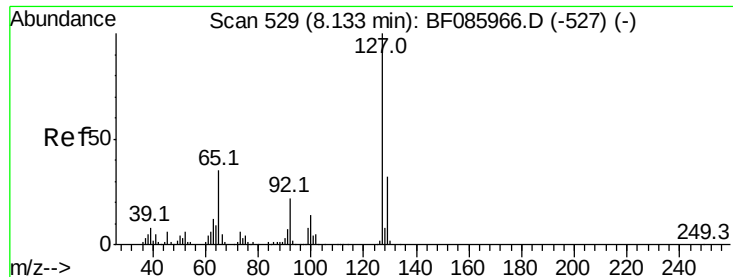
Delta R.T. -0.07 min

Lab File: BF086197.D

Acq: 9 Apr 2016 4:49

Tgt Ion:	122	Resp:	56652
Ion Ratio	Lower	Upper	
122	100		
105	122.3	102.9	142.9
77	94.0	71.8	111.8





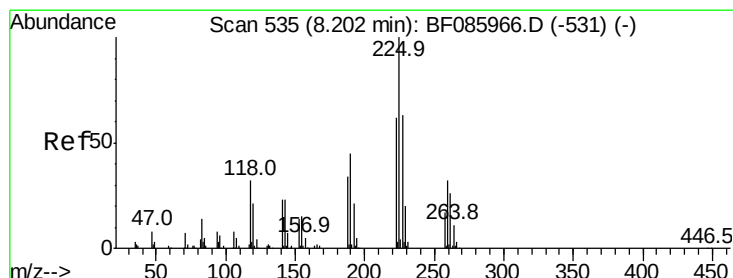
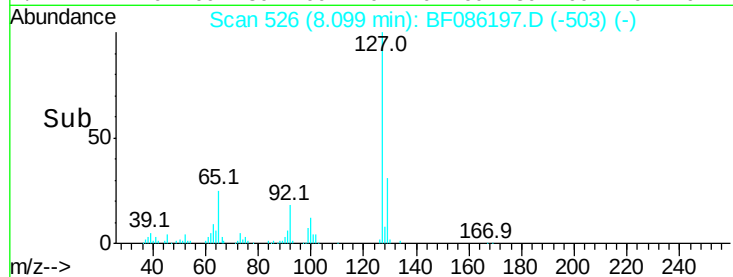
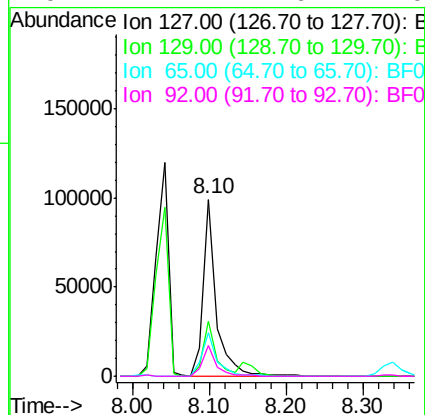
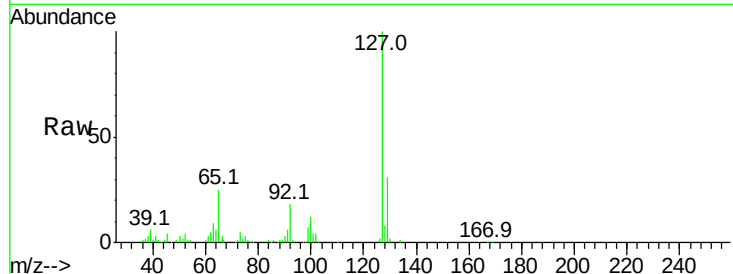
#33
4-Chloroaniline
Concen: 12.80 ng
RT: 8.10 min Scan# 526
Delta R.T. -0.03 min
Lab File: BF086197.D
Acq: 9 Apr 2016 4:49

Instrument :
BNA_F
ClientSampleId :
AMBOY-SB-36(0.5-20.0)MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	31.4	26.1	39.1		
65	24.7	19.5	29.3		
92	17.7	14.6	22.0		

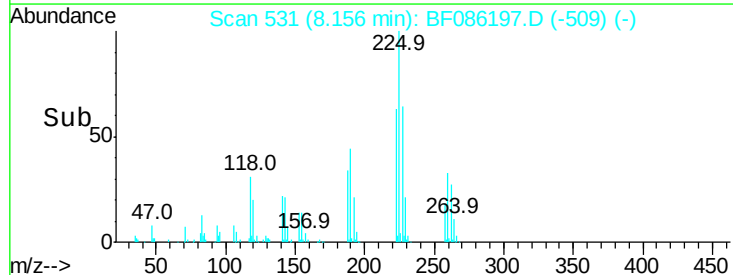
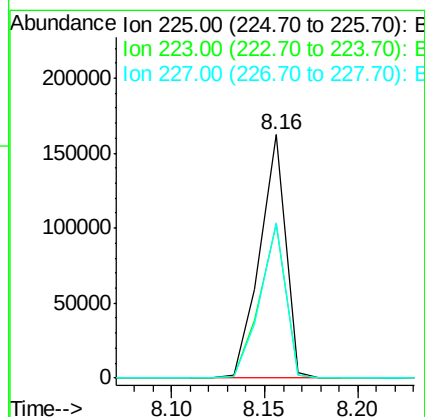
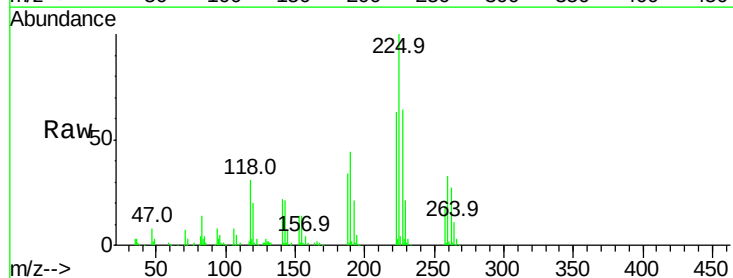
Manual Integrations
APPROVED

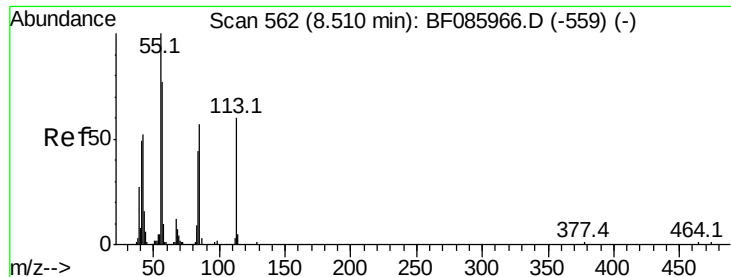
Sohil
4/11/2016 5:45:29 PM



#34
Hexachlorobutadiene
Concen: 42.80 ng
RT: 8.16 min Scan# 531
Delta R.T. -0.05 min
Lab File: BF086197.D
Acq: 9 Apr 2016 4:49

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	63.1	50.4	75.6		
227	63.8	51.4	77.2		





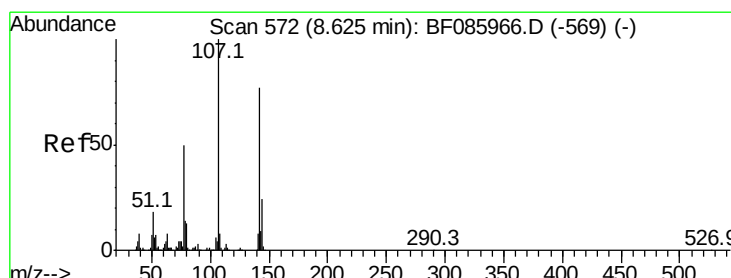
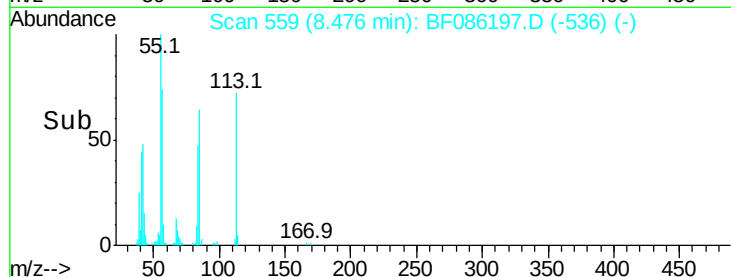
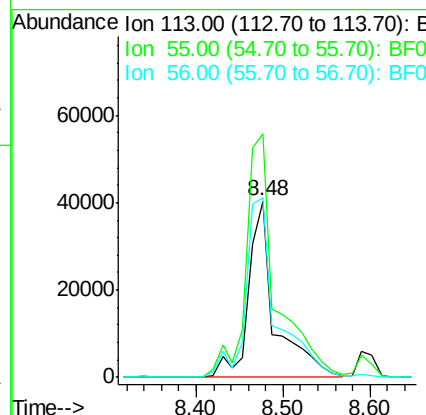
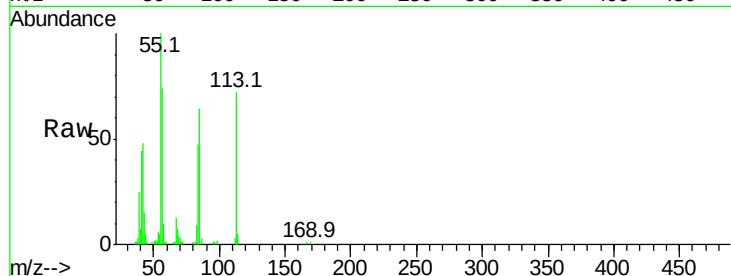
#35
 Caprolactam
 Concen: 45.00 ng
 RT: 8.48 min Scan# 559
 Delta R.T. -0.03 min
 Lab File: BF086197.D
 Acq: 9 Apr 2016 4:49

Instrument :
 BNA_F
 ClientSampleId :
 AMBOY-SB-36(0.5-20.0)MS

Tot Ion	Ratio	Resp	Lower	Upper
113	100			
55	138.0	139.4	179.4#	
56	102.1	100.4	140.4	

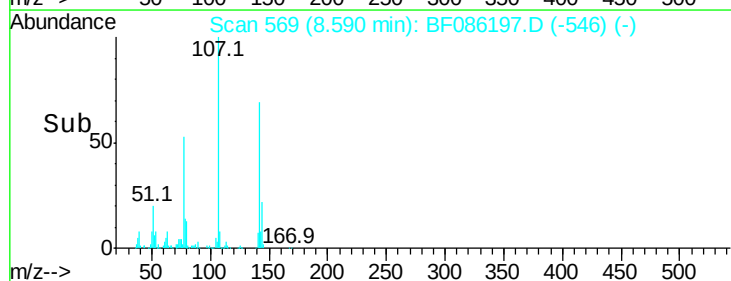
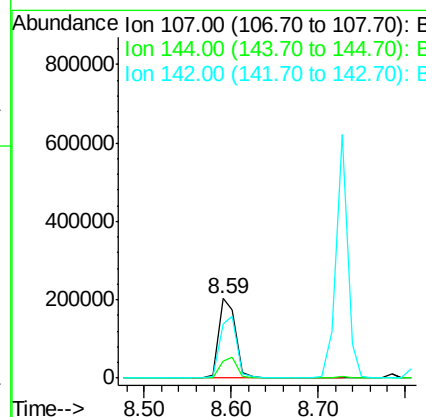
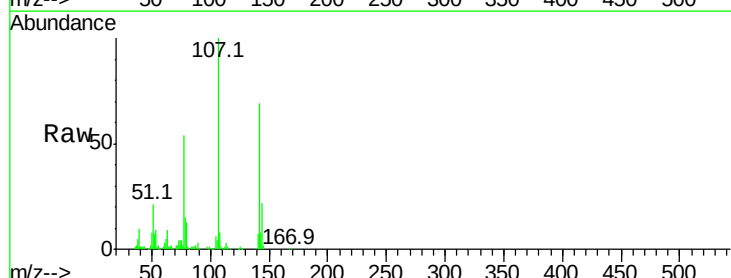
Manual Integrations
 APPROVED

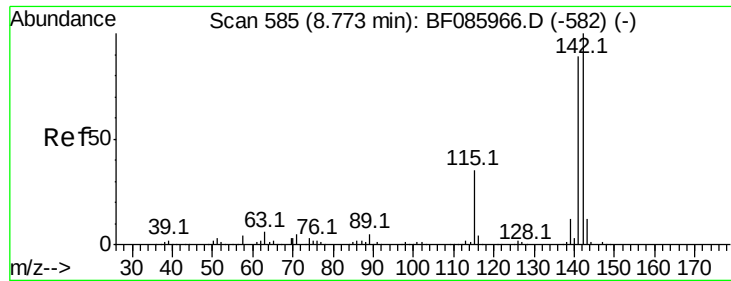
Sohil
 4/11/2016 5:45:29 PM



#36
 4-Chloro-3-methylphenol
 Concen: 41.36 ng
 RT: 8.59 min Scan# 569
 Delta R.T. -0.03 min
 Lab File: BF086197.D
 Acq: 9 Apr 2016 4:49

Tgt Ion	Ratio	Resp	Lower	Upper
107	100			
144	21.7	19.3	28.9	
142	68.7	61.4	92.0	





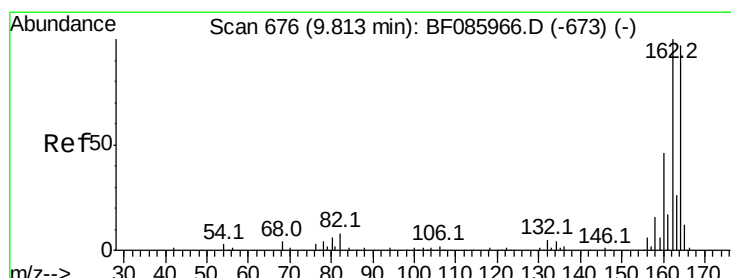
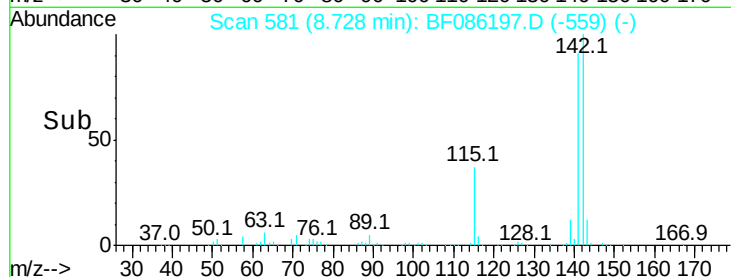
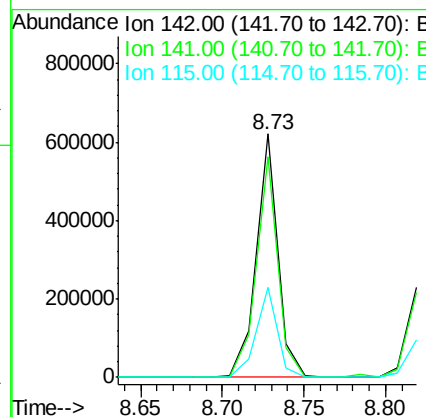
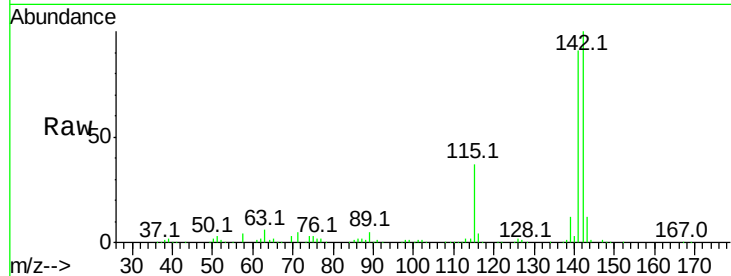
#37
2-Methylnaphthalene
Concen: 39.03 ng
RT: 8.73 min Scan# 581
Delta R.T. -0.05 min
Lab File: BF086197.D
Acq: 9 Apr 2016 4:49

Instrument :
BNA_F
ClientSampleId :
AMBOY-SB-36(0.5-20.0)MS

Tot Ion	Ratio	Lower	Upper
142	100		
141	90.8	71.6	107.4
115	36.9	26.8	40.2

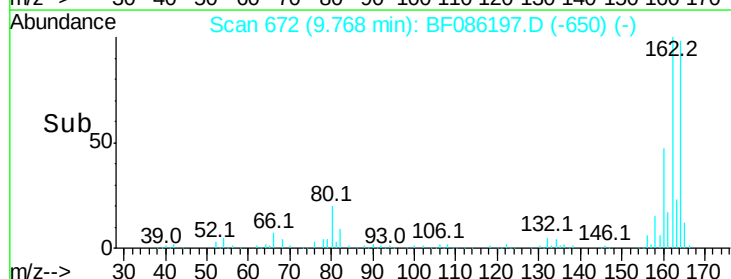
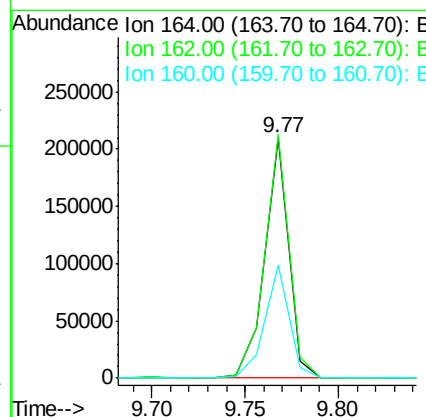
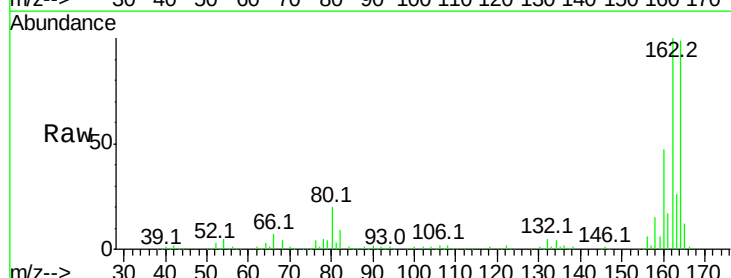
Manual Integrations
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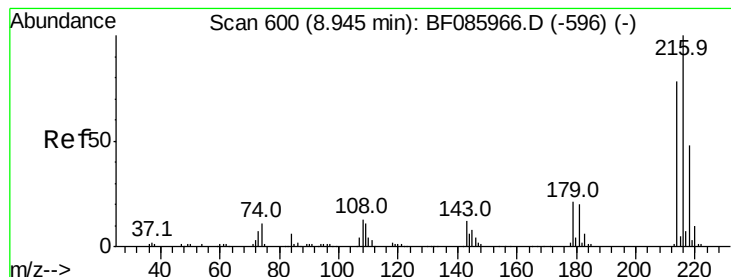
Sohil
4/11/2016 5:45:29 PM



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.77 min Scan# 672
Delta R.T. -0.05 min
Lab File: BF086197.D
Acq: 9 Apr 2016 4:49

Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.3	82.1	123.1
160	47.1	37.4	56.2





#39

1,2,4,5-Tetrachlorobenzene

Concen: 46.90 ng

RT: 8.90 min Scan# 596

Delta R.T. -0.05 min

Lab File: BF086197.D

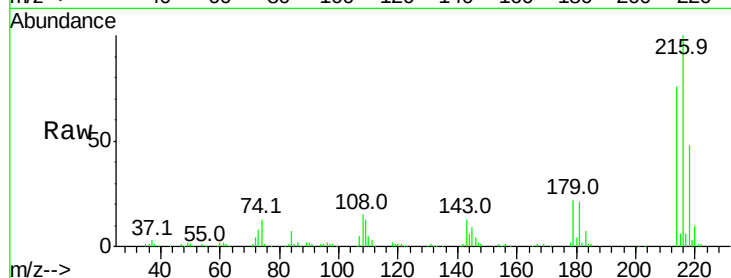
Acq: 9 Apr 2016 4:49

Instrument :

BNA_F

ClientSampleId :

AMBOY-SB-36(0.5-20.0)MS



Tot Ion:216 Resp: 262270

Ion Ratio Lower Upper

216 100

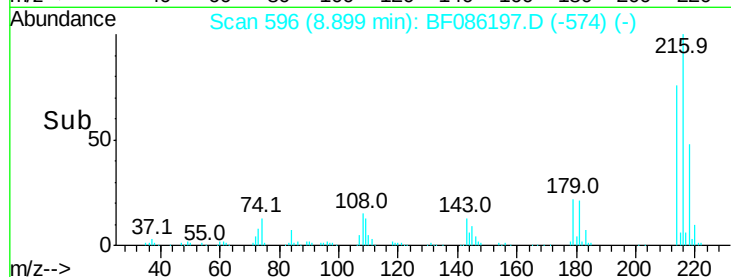
214 77.4 63.1 94.7

179 23.0 18.2 27.2

108 19.4 17.3 25.9

Manual Integrations
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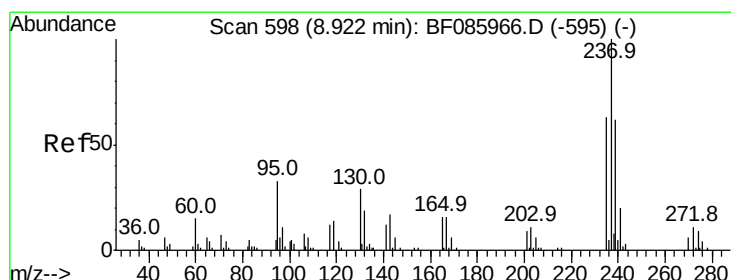
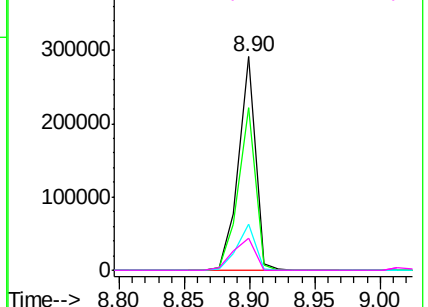


Abundance Ion 216.00 (215.70 to 216.70): E

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: 18.78 ng

RT: 8.88 min Scan# 594

Delta R.T. -0.04 min

Lab File: BF086197.D

Acq: 9 Apr 2016 4:49

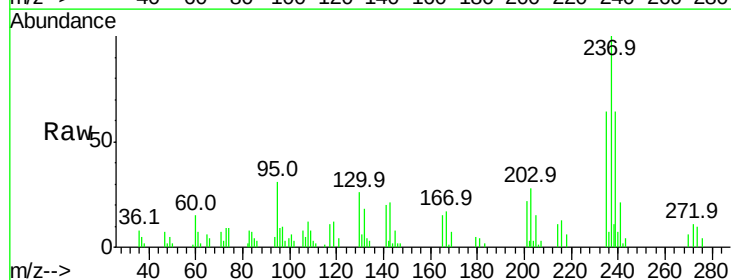
Tgt Ion:237 Resp: 21493

Ion Ratio Lower Upper

237 100

235 63.9 43.7 83.7

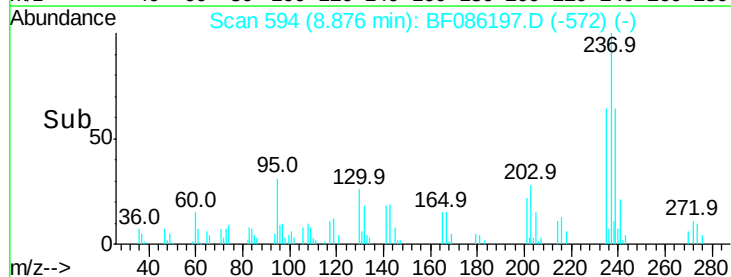
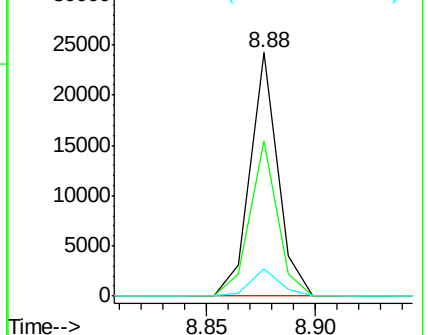
272 11.0 0.0 31.9

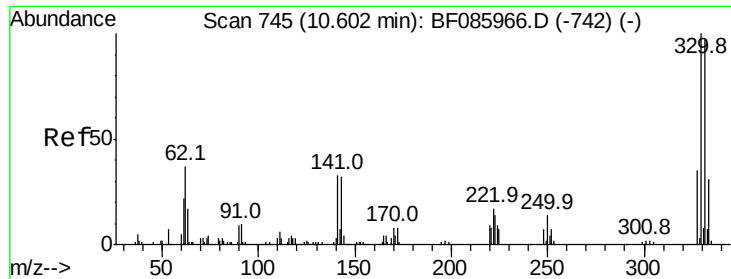


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E





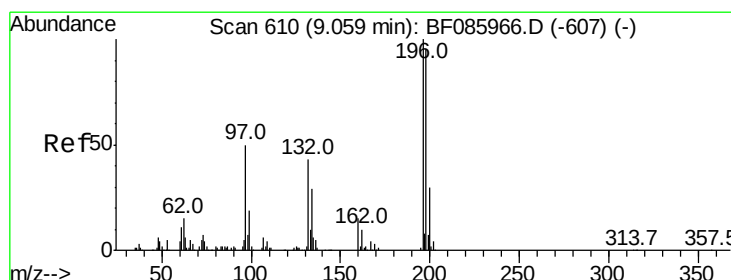
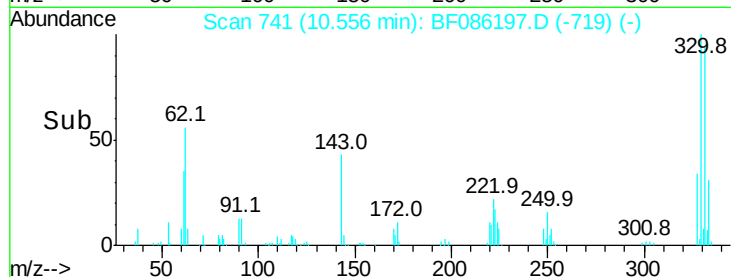
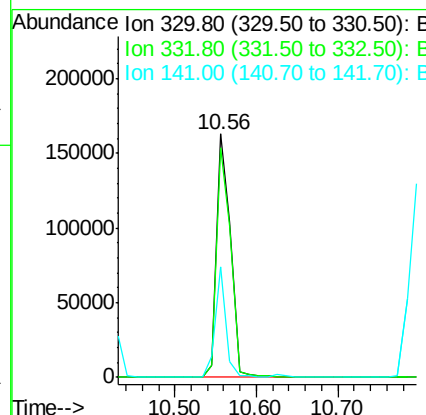
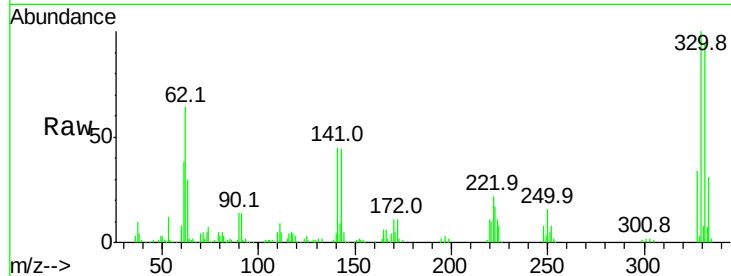
#41
 2,4,6-Tribromophenol
 Concen: 112.15 ng
 RT: 10.56 min Scan# 741
 Delta R.T. -0.05 min
 Lab File: BF086197.D
 Acq: 9 Apr 2016 4:49

Instrument :
 BNA_F
 ClientSampleId :
 AMBOY-SB-36(0.5-20.0)MS

Tot Ion	Ratio	Resp	Lower	Upper
330	100	195850		
332	95.8	78.2	117.2	
141	35.6	31.5	47.3	

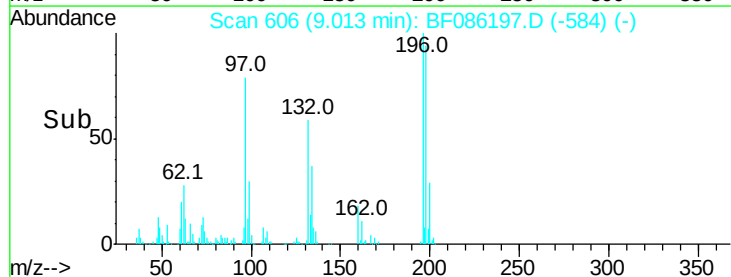
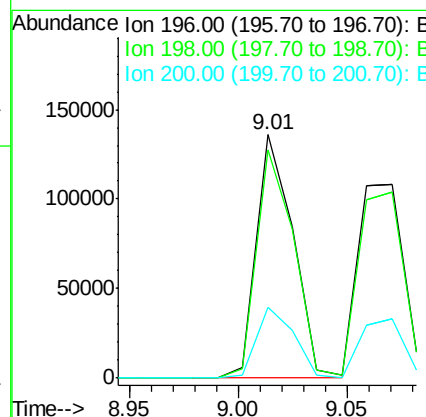
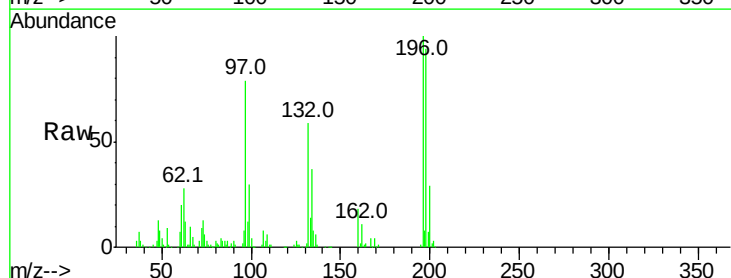
Manual Integrations
 APPROVED

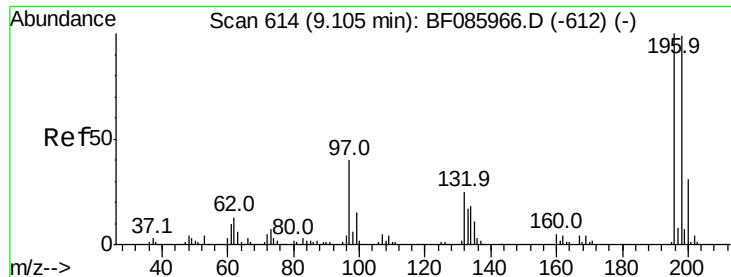
Sohil
 4/11/2016 5:45:29 PM



#42
 2,4,6-Trichlorophenol
 Concen: 44.48 ng
 RT: 9.01 min Scan# 606
 Delta R.T. -0.05 min
 Lab File: BF086197.D
 Acq: 9 Apr 2016 4:49

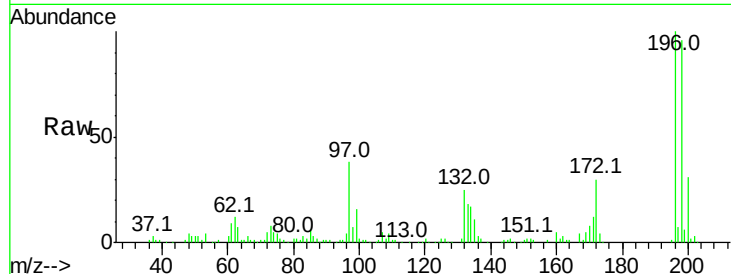
Tgt Ion	Ratio	Resp	Lower	Upper
196	100	159721		
198	93.8	75.3	112.9	
200	29.1	23.7	35.5	





#43
 2,4,5-Trichlorophenol
 Concen: 45.28 ng
 RT: 9.07 min Scan# 611
 Delta R.T. -0.03 min
 Lab File: BF086197.D
 Acq: 9 Apr 2016 4:49

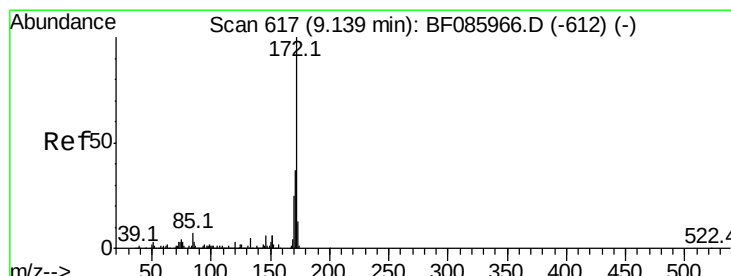
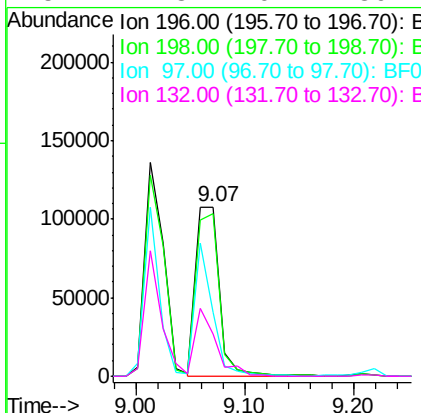
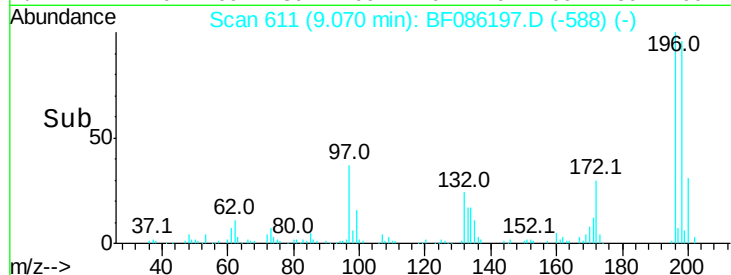
Instrument :
 BNA_F
 ClientSampleId :
 AMBOY-SB-36(0.5-20.0)MS



Tot Ion:	196	Resp:	165090
Ion Ratio	Lower	Upper	
196	100		
198	96.0	76.6	114.8
97	37.9	30.5	45.7
132	24.8	20.2	30.2

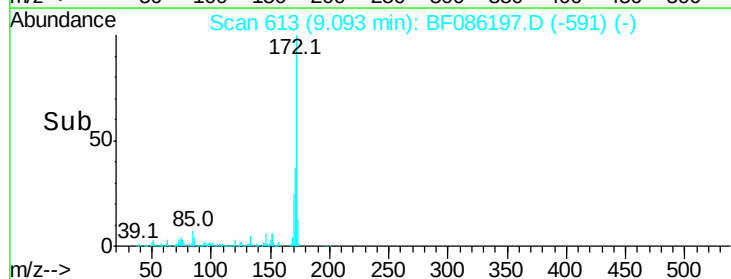
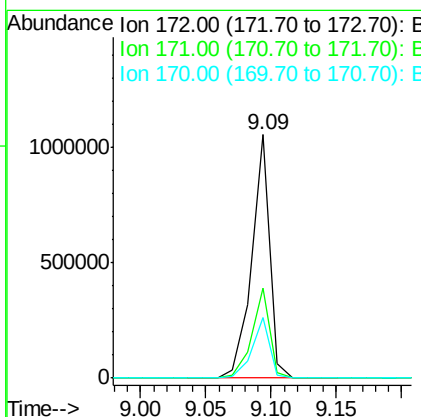
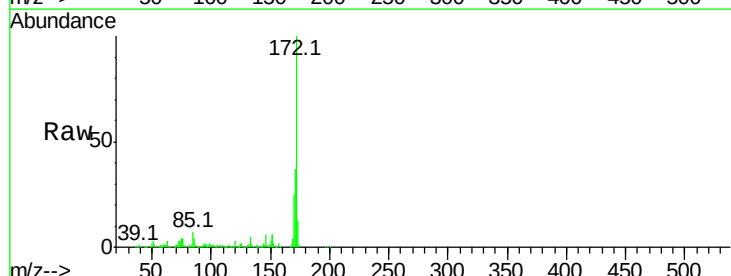
Manual Integrations
 APPROVED

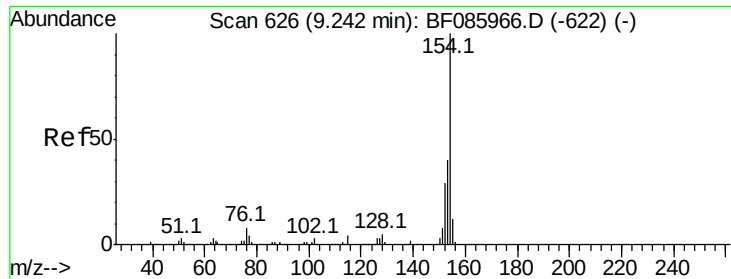
Sohil
 4/11/2016 5:45:29 PM



#44
 2-Fluorobiphenyl
 Concen: 90.30 ng
 RT: 9.09 min Scan# 613
 Delta R.T. -0.05 min
 Lab File: BF086197.D
 Acq: 9 Apr 2016 4:49

Tgt Ion:	172	Resp:	1010503
Ion Ratio	Lower	Upper	
172	100		
171	37.2	29.4	44.2
170	25.1	19.8	29.6





#45

1,1'-Biphenyl

Concen: 44.61 ng

RT: 9.20 min Scan# 622

Delta R.T. -0.05 min

Lab File: BF086197.D

Acq: 9 Apr 2016 4:49

Instrument :

BNA_F

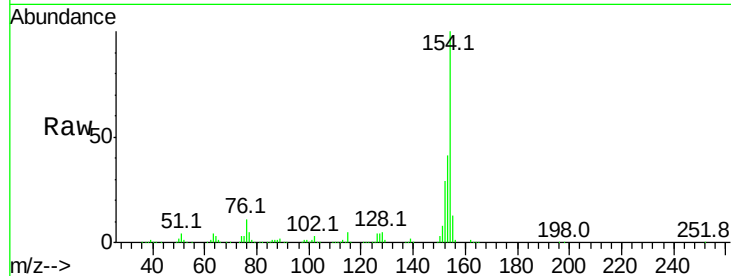
ClientSampleId :

AMBOY-SB-36(0.5-20.0)MS

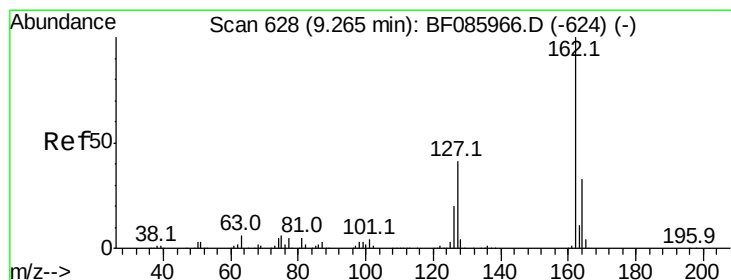
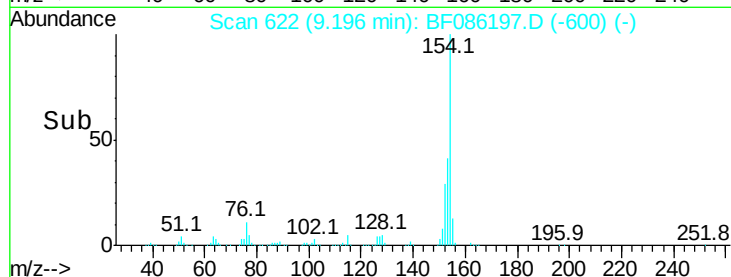
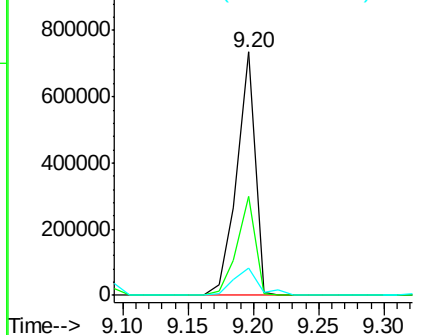
Tot Ion:	154	Resp:	715652
Ion Ratio	Lower	Upper	
154	100		
153	40.8	20.8	60.8
76	11.2	0.0	36.7

Manual Integrations
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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: 45.20 ng

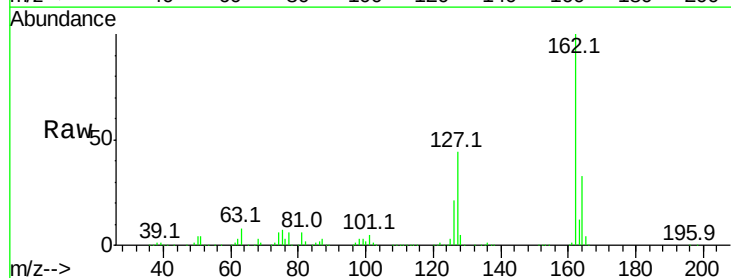
RT: 9.22 min Scan# 624

Delta R.T. -0.05 min

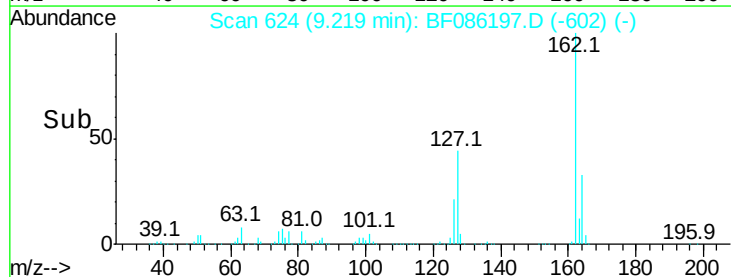
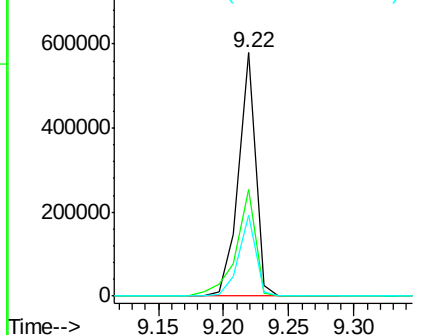
Lab File: BF086197.D

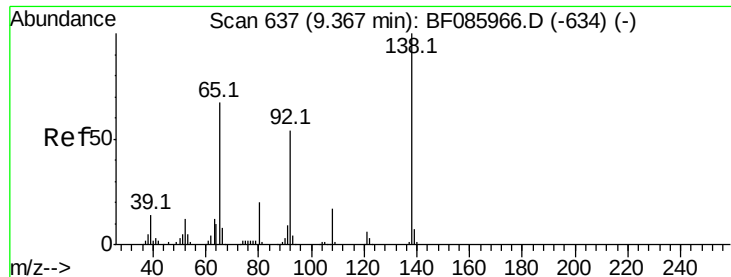
Acq: 9 Apr 2016 4:49

Tgt Ion:	162	Resp:	525641
Ion Ratio	Lower	Upper	
162	100		
127	43.8	31.7	47.5
164	33.4	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





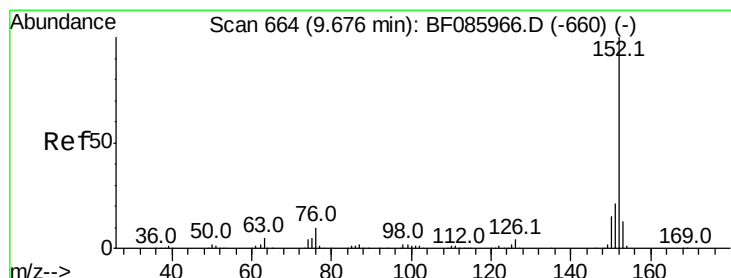
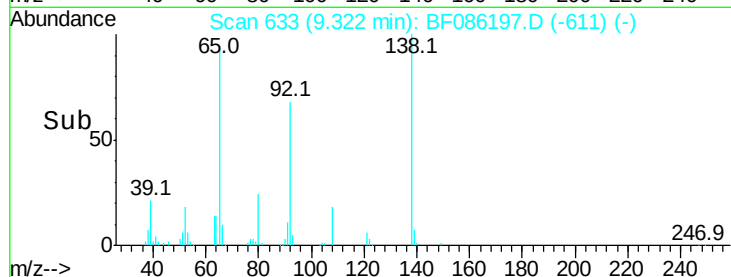
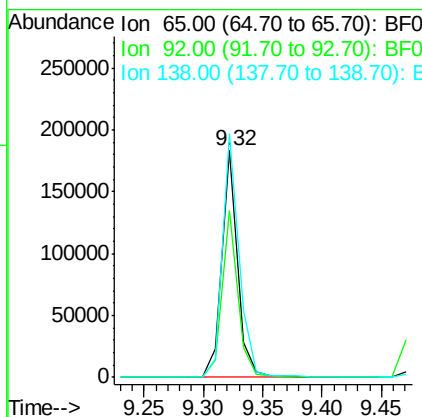
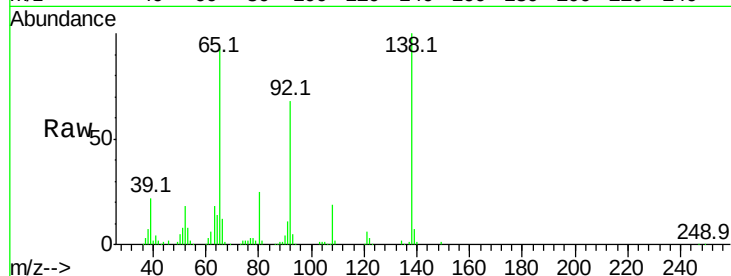
#47
2-Nitroaniline
Concen: 48.87 ng
RT: 9.32 min Scan# 633
Delta R.T. -0.05 min
Lab File: BF086197.D
Acq: 9 Apr 2016 4:49

Instrument :
BNA_F
ClientSampled :
AMBOY-SB-36(0.5-20.0)MS

Tot Ion	Ratio	Lower	Upper
65	100		
92	73.5	59.7	89.5
138	107.3	91.4	137.0

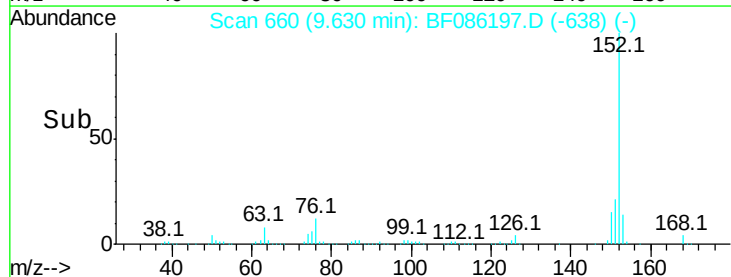
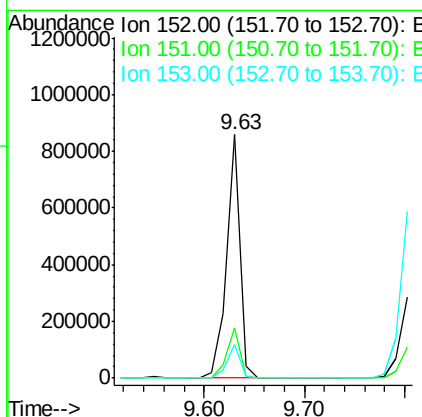
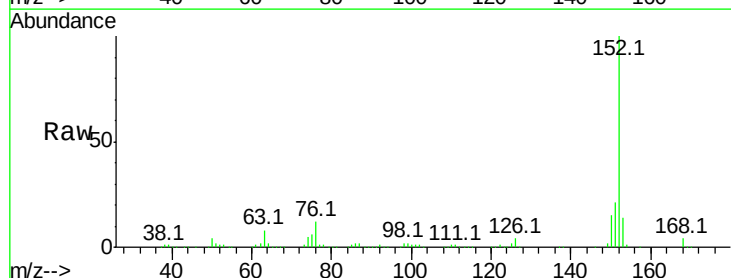
Manual Integrations
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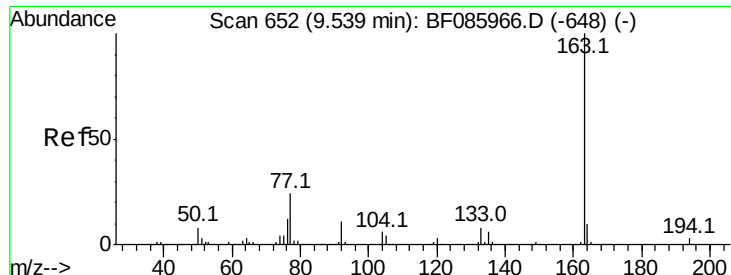
Sohil
4/11/2016 5:45:29 PM



#48
Acenaphthylene
Concen: 42.23 ng
RT: 9.63 min Scan# 660
Delta R.T. -0.05 min
Lab File: BF086197.D
Acq: 9 Apr 2016 4:49

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.9	16.8	25.2
153	13.7	10.9	16.3





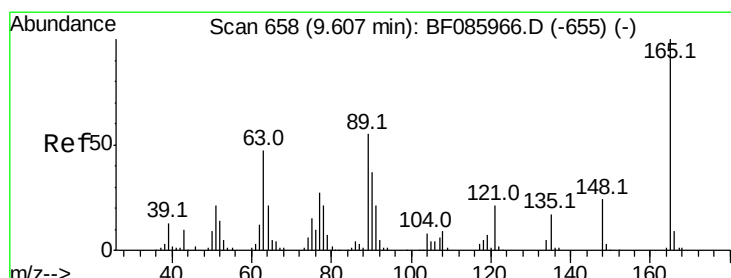
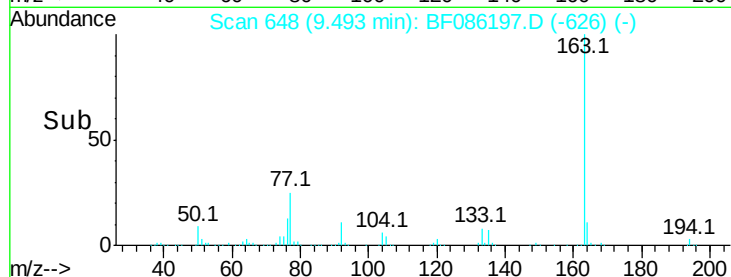
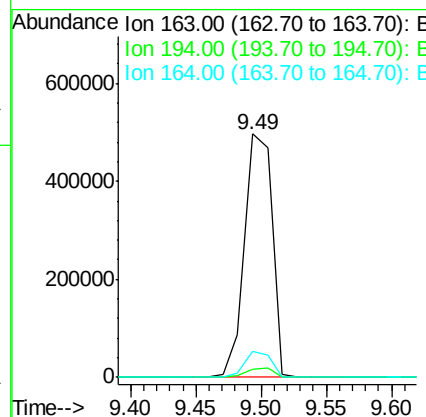
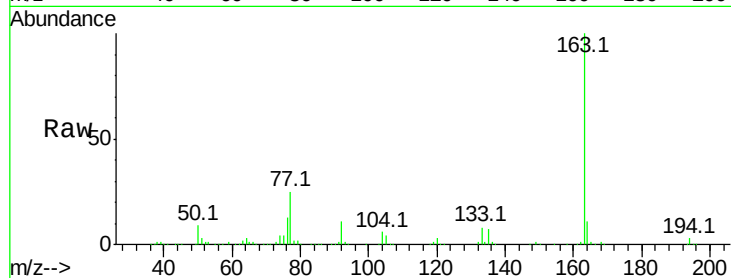
#49
Dimethylphthalate
Concen: 52.96 ng
RT: 9.49 min Scan# 648
Delta R.T. -0.05 min
Lab File: BF086197.D
Acq: 9 Apr 2016 4:49

Instrument :
BNA_F
ClientSampleId :
AMBOY-SB-36(0.5-20.0)MS

Tot Ion	Ratio	Resp	Lower	Upper
163	100	730292		
194	3.3		2.9	4.3
164	10.7		8.3	12.5

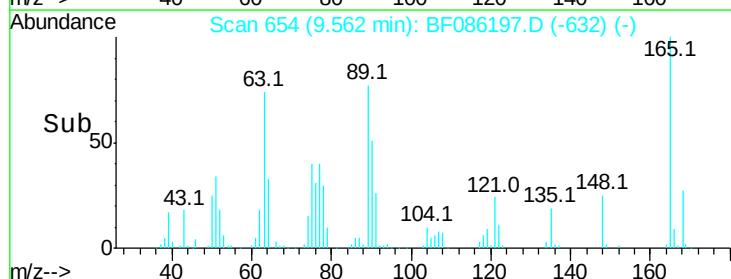
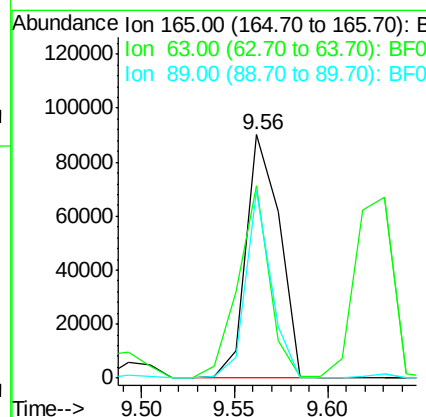
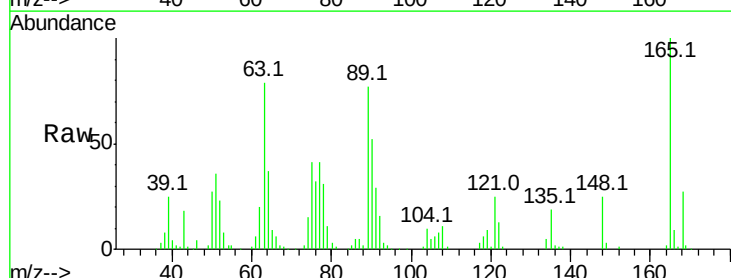
Manual Integrations
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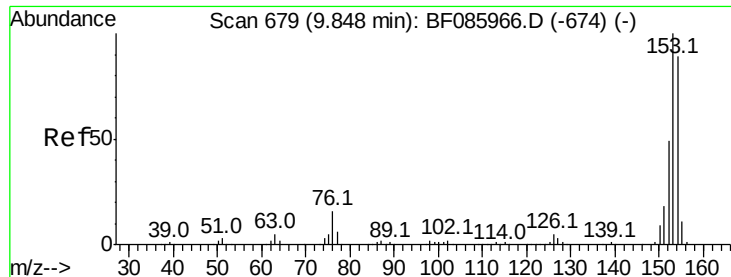
Sohil
4/11/2016 5:45:29 PM



#50
2,6-Dinitrotoluene
Concen: 38.40 ng
RT: 9.56 min Scan# 654
Delta R.T. -0.05 min
Lab File: BF086197.D
Acq: 9 Apr 2016 4:49

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	112025		
63	78.8		51.8	77.8#
89	77.1		53.7	80.5





#51

Acenaphthene

Concen: 41.91 ng

RT: 9.80 min Scan# 675

Delta R.T. -0.05 min

Lab File: BF086197.D

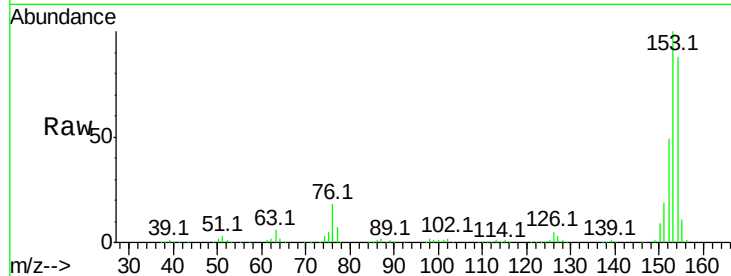
Acq: 9 Apr 2016 4:49

Instrument :

BNA_F

ClientSampleId :

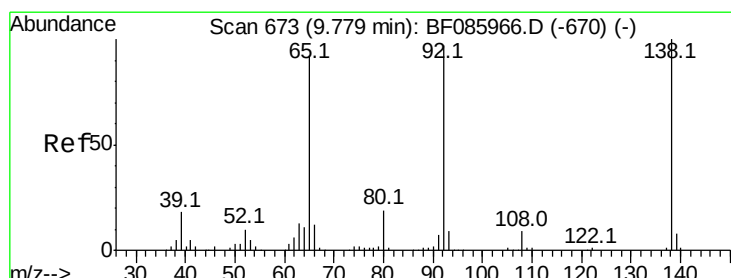
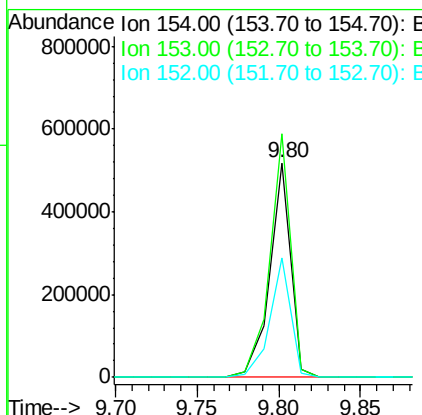
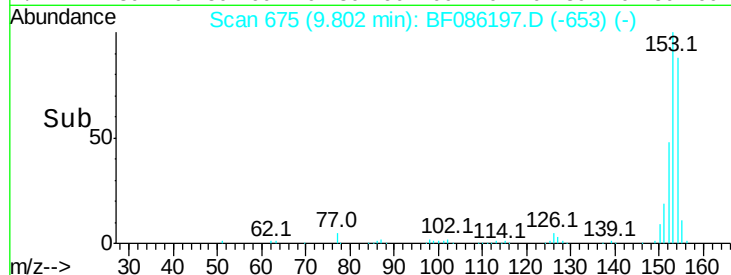
AMBOY-SB-36(0.5-20.0)MS



Tot Ion:	154	Resp:	464323
Ion Ratio	Lower	Upper	
154	100		
153	113.6	90.1	135.1
152	55.5	44.2	66.2

Manual Integrations
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4/11/2016 5:45:29 PM



#52

3-Nitroaniline

Concen: 33.05 ng

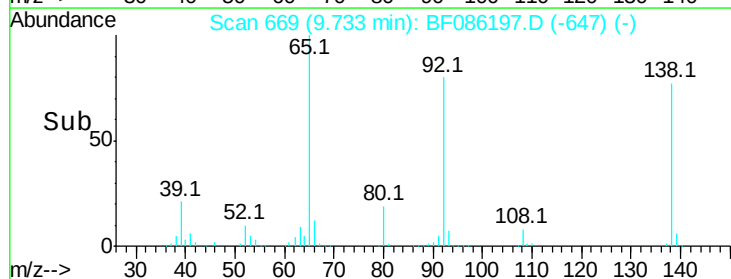
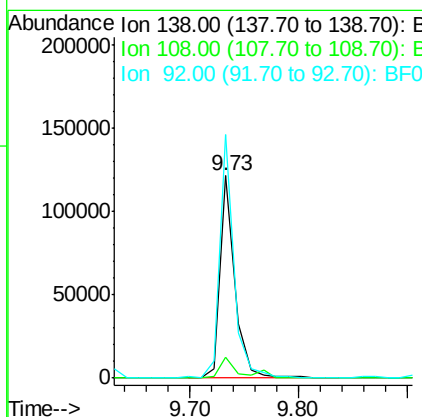
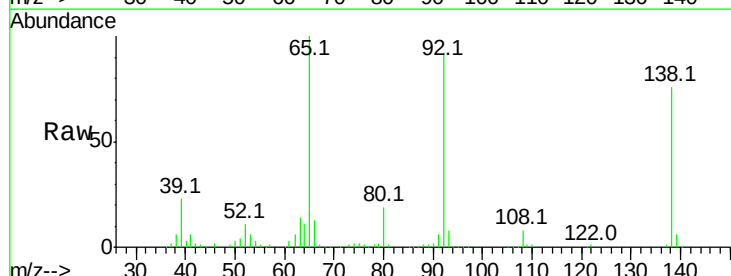
RT: 9.73 min Scan# 669

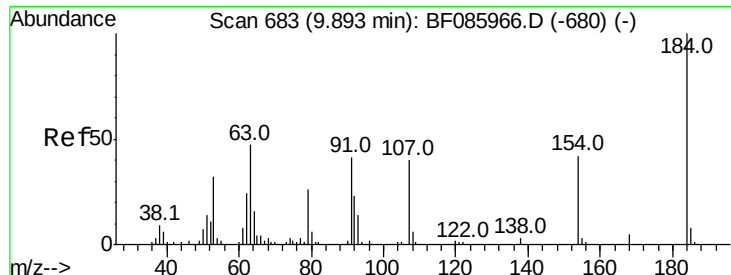
Delta R.T. -0.05 min

Lab File: BF086197.D

Acq: 9 Apr 2016 4:49

Tgt Ion:	138	Resp:	116233
Ion Ratio	Lower	Upper	
138	100		
108	10.4	8.7	13.1
92	120.3	93.3	139.9





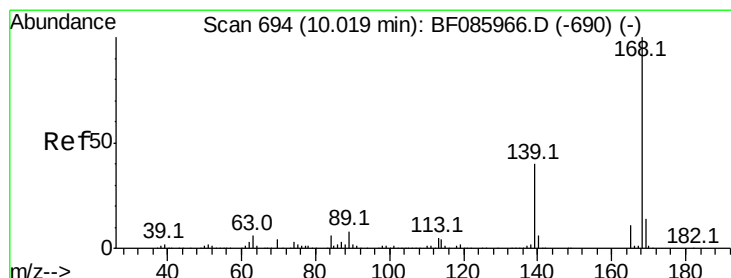
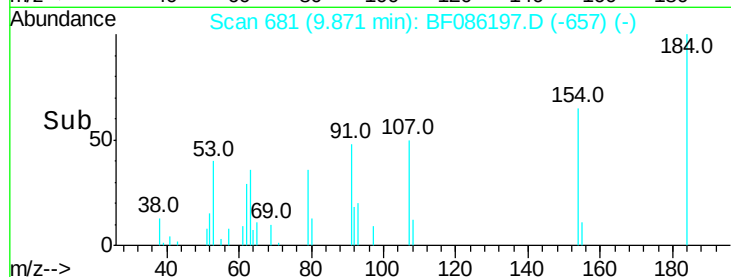
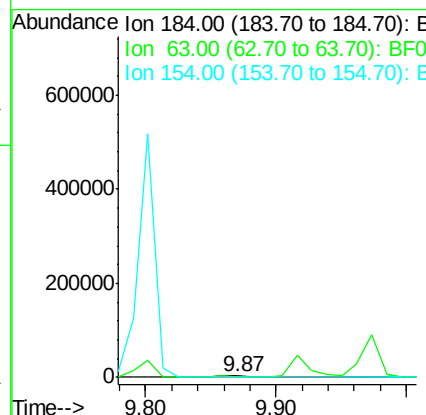
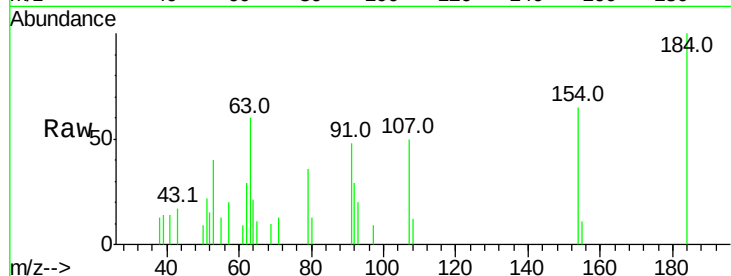
#53
 2,4-Dinitrophenol
 Concen: 9.10 ng
 RT: 9.87 min Scan# 681
 Delta R.T. -0.02 min
 Lab File: BF086197.D
 Acq: 9 Apr 2016 4:49

Instrument :
 BNA_F
 ClientSampleId :
 AMBOY-SB-36(0.5-20.0)MS

Tot Ion:184 Resp: 7859
 Ion Ratio Lower Upper
 184 100
 63 60.3 69.5 104.3#
 154 65.4 58.3 87.5

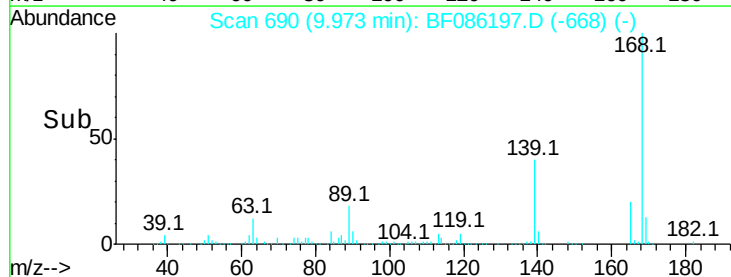
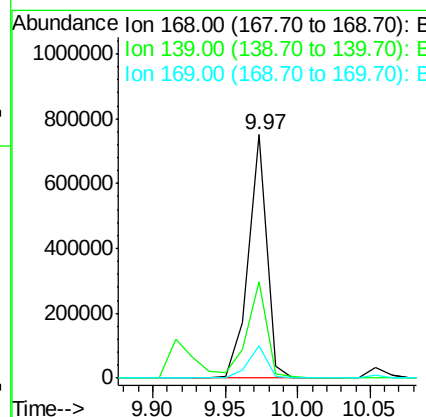
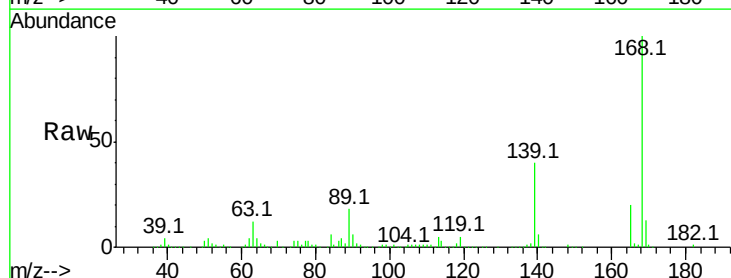
Manual Integrations
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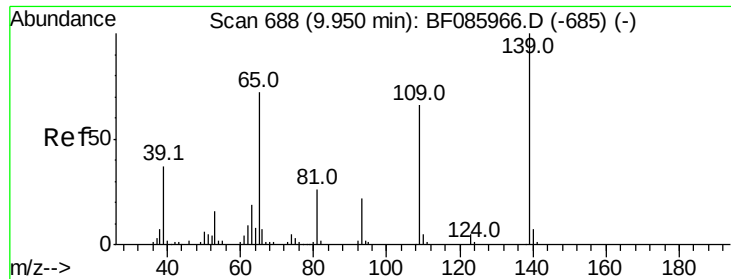
Sohil
 4/11/2016 5:45:29 PM



#54
 Dibenzofuran
 Concen: 45.49 ng
 RT: 9.97 min Scan# 690
 Delta R.T. -0.05 min
 Lab File: BF086197.D
 Acq: 9 Apr 2016 4:49

Tgt Ion:168 Resp: 665556
 Ion Ratio Lower Upper
 168 100
 139 39.7 31.9 47.9
 169 13.5 11.0 16.6





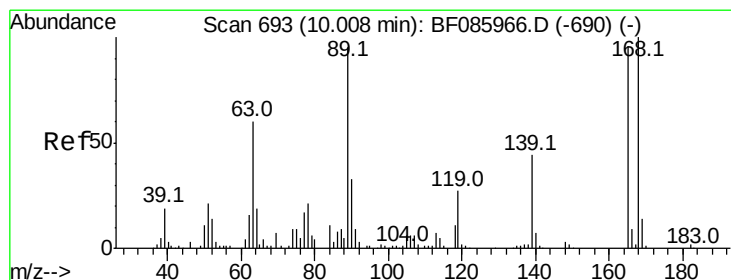
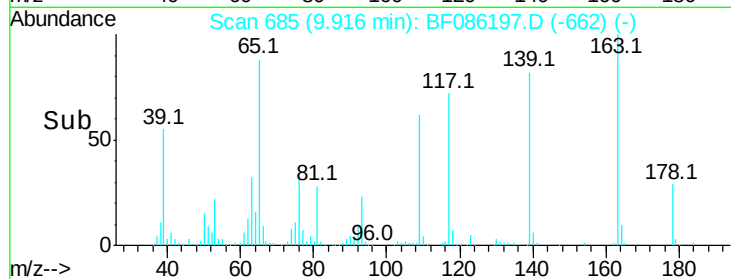
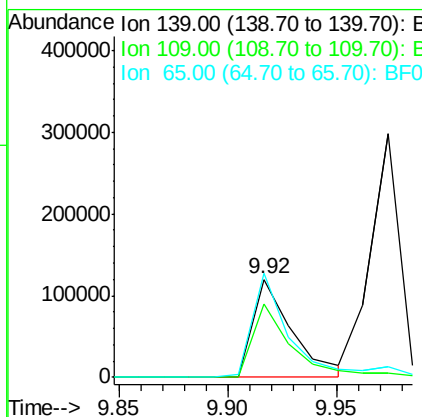
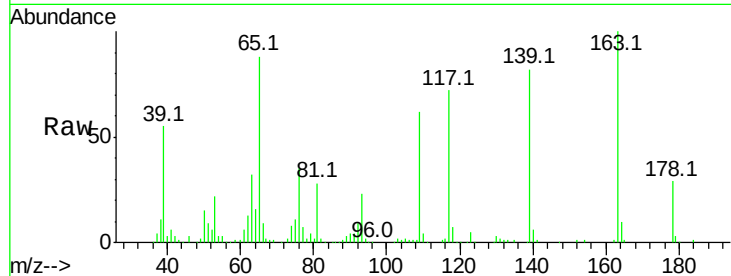
#55
4-Nitrophenol
Concen: 73.48 ng
RT: 9.92 min Scan# 685
Delta R.T. -0.03 min
Lab File: BF086197.D
Acq: 9 Apr 2016 4:49

Instrument :
BNA_F
ClientSampleId :
AMBOY-SB-36(0.5-20.0)MS

Tot Ion	Ratio	Resp	Lower	Upper
139	100	152326		
109	74.8	49.2	89.2	
65	106.3	66.9	106.9	

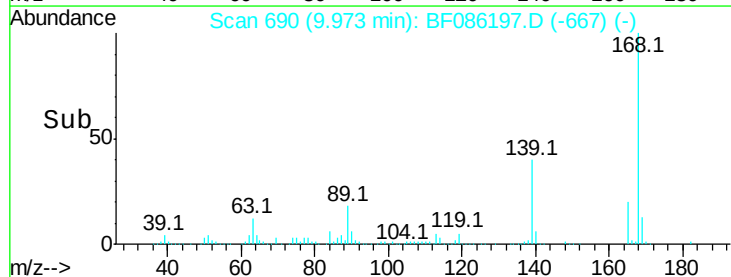
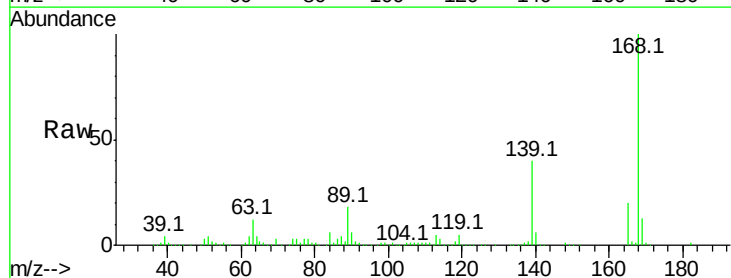
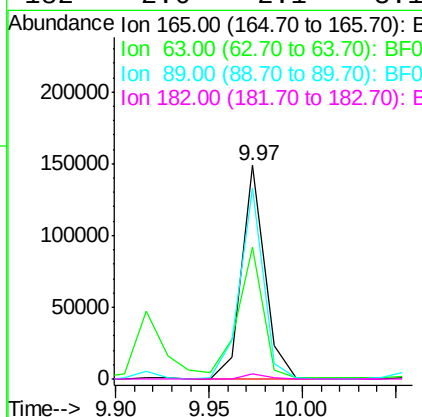
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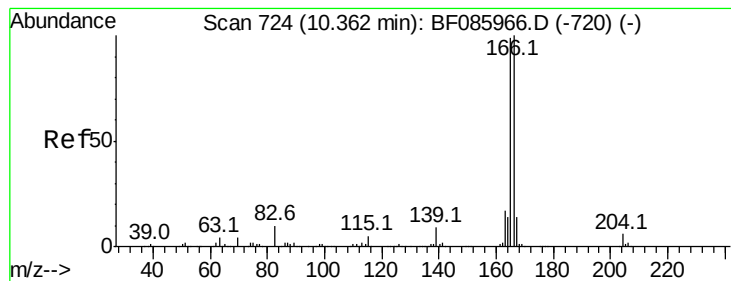
Sohil
4/11/2016 5:45:29 PM



#56
2,4-Dinitrotoluene
Concen: 35.05 ng
RT: 9.97 min Scan# 690
Delta R.T. -0.03 min
Lab File: BF086197.D
Acq: 9 Apr 2016 4:49

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	129206		
63	61.5	24.9	37.3#	
89	89.5	41.0	61.6#	
182	2.6	2.1	3.1	





#57

Fluorene

Concen: 41.15 ng

RT: 10.32 min Scan# 720

Delta R.T. -0.05 min

Lab File: BF086197.D

Acq: 9 Apr 2016 4:49

Instrument :

BNA_F

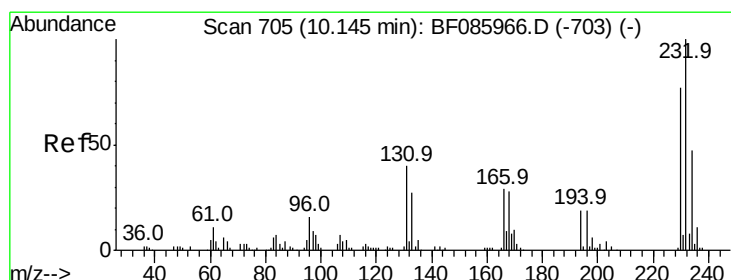
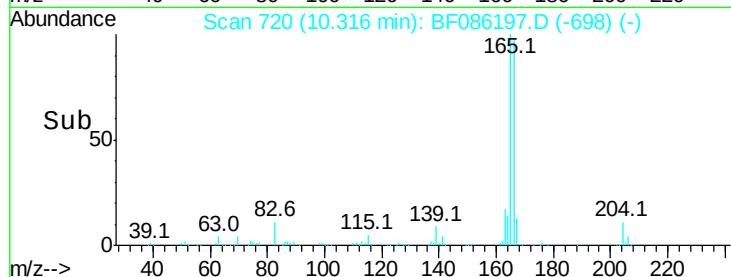
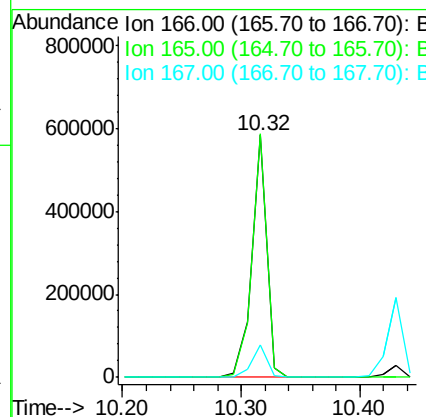
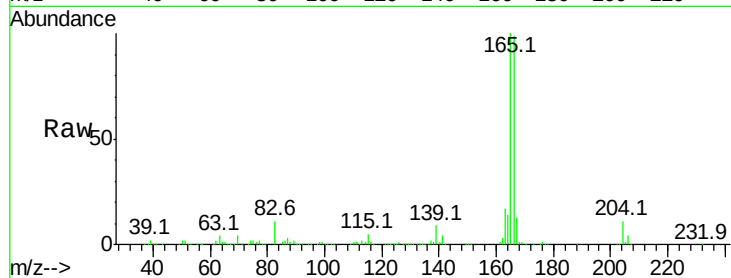
ClientSampleId :

AMBOY-SB-36(0.5-20.0)MS

Manual Integrations
APPROVED

Sohil
4/11/2016 5:45:29 PM

Tot Ion	Ratio	Resp	Lower	Upper
166	100			
165	100.7	79.4	119.0	
167	13.2	11.0	16.4	



#58

2,3,4,6-Tetrachlorophenol

Concen: 44.52 ng

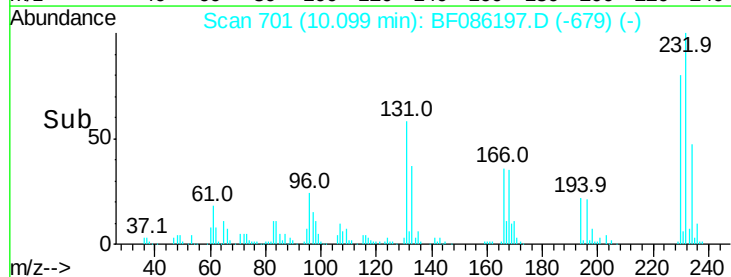
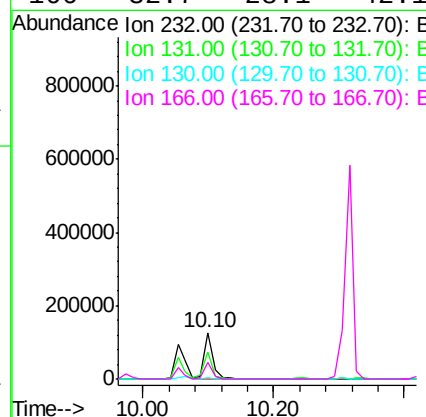
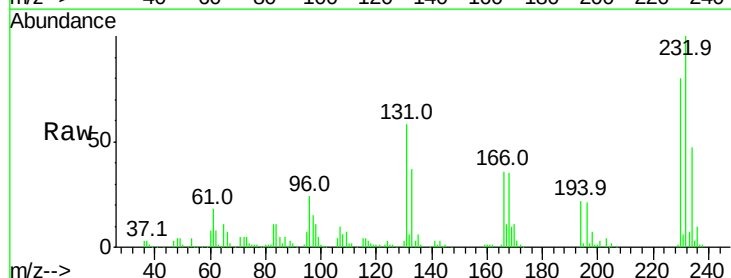
RT: 10.10 min Scan# 701

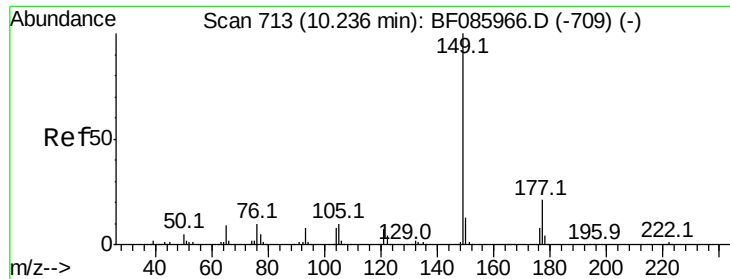
Delta R.T. -0.05 min

Lab File: BF086197.D

Acq: 9 Apr 2016 4:49

Tgt Ion	Ratio	Resp	Lower	Upper
232	100			
131	54.6	44.9	67.3	
130	2.5	2.3	3.5	
166	32.7	28.1	42.1	





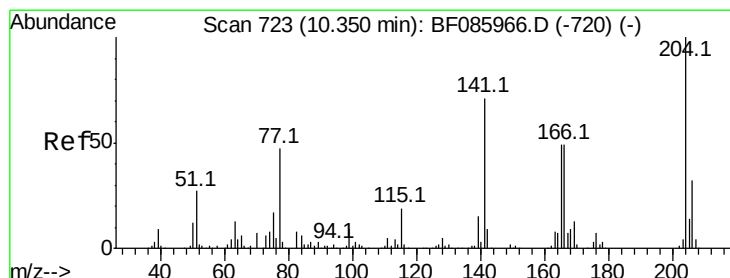
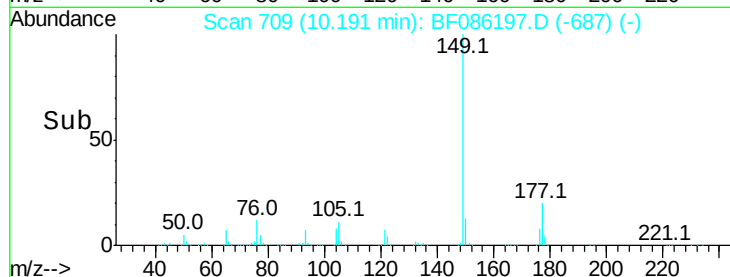
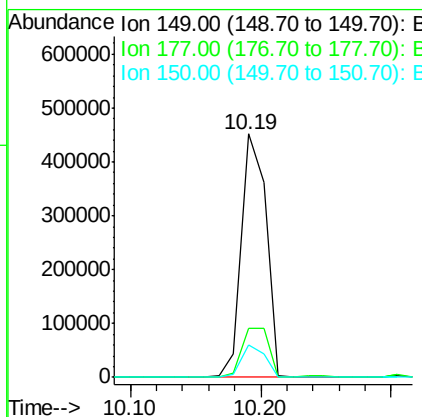
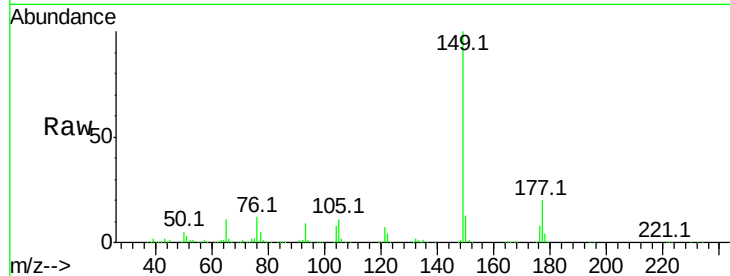
#59
Diethylphthalate
Concen: 42.54 ng
RT: 10.19 min Scan# 709
Delta R.T. -0.05 min
Lab File: BF086197.D
Acq: 9 Apr 2016 4:49

Instrument :
BNA_F
ClientSampleId :
AMBOY-SB-36(0.5-20.0)MS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	592074		
177	20.0		17.9	26.9
150	13.1		10.2	15.2

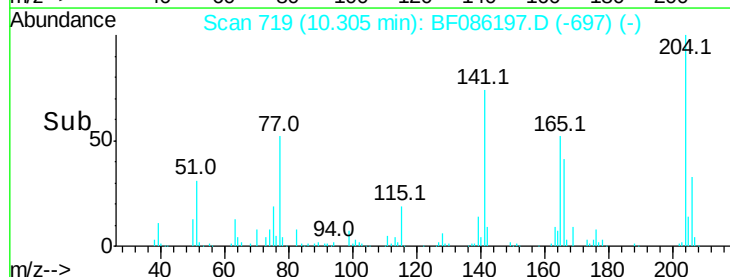
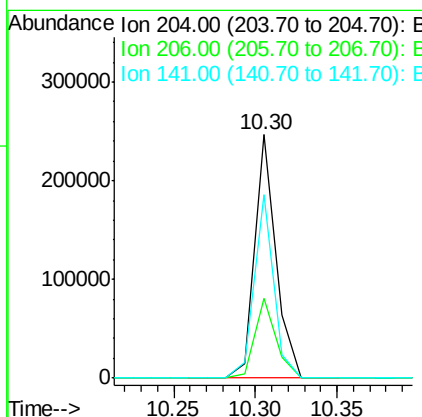
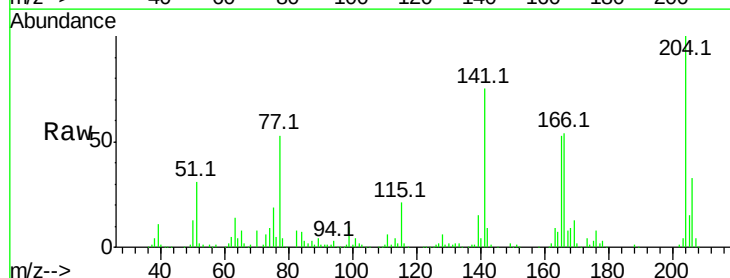
Manual Integrations
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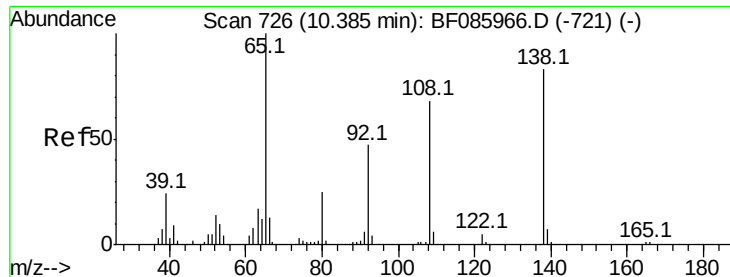
Sohil
4/11/2016 5:45:29 PM



#60
4-Chlorophenyl-phenylether
Concen: 38.47 ng
RT: 10.30 min Scan# 719
Delta R.T. -0.05 min
Lab File: BF086197.D
Acq: 9 Apr 2016 4:49

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	223998		
206	32.9		26.6	39.8
141	75.2		57.4	86.0





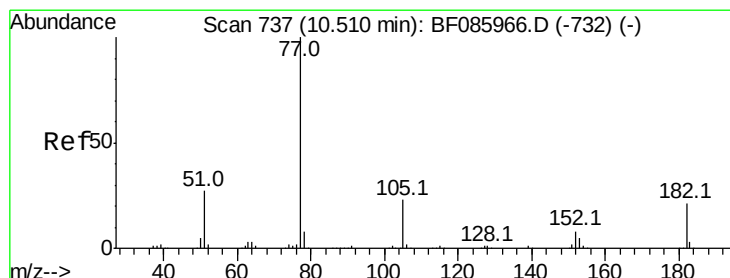
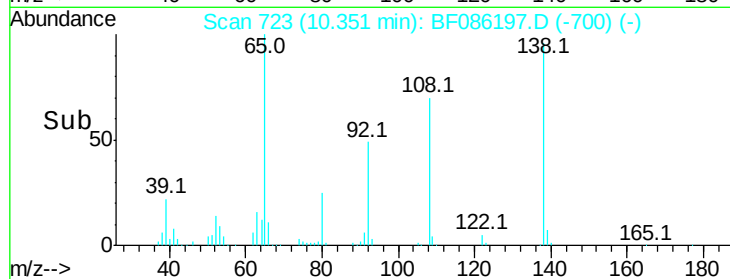
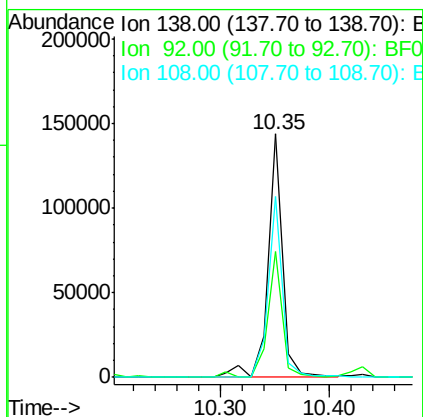
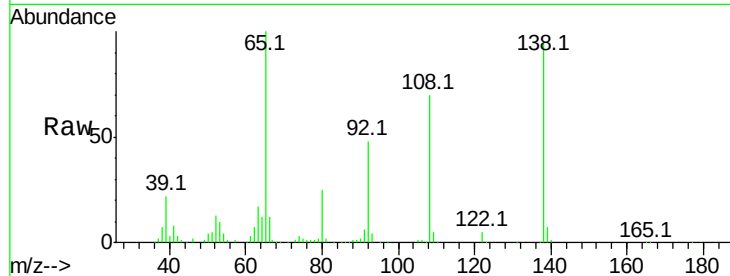
#61
4-Nitroaniline
Concen: 39.36 ng
RT: 10.35 min Scan# 723
Delta R.T. -0.03 min
Lab File: BF086197.D
Acq: 9 Apr 2016 4:49

Instrument :
BNA_F
ClientSampleId :
AMBOY-SB-36(0.5-20.0)MS

Tot Ion	Ratio	Resp	Lower	Upper
138	100	136287		
92	51.5	26.4	66.4	
108	74.4	49.0	89.0	

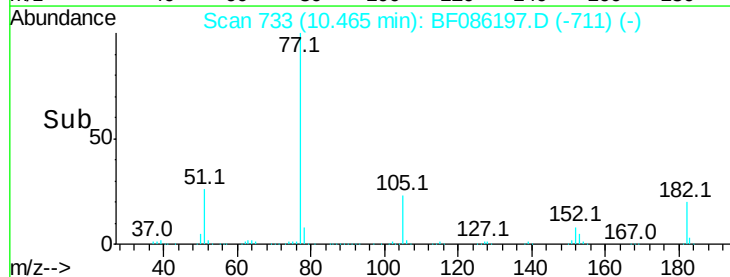
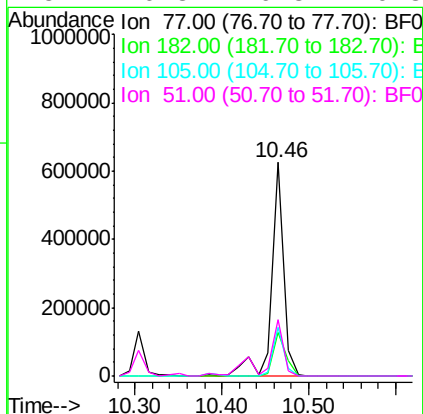
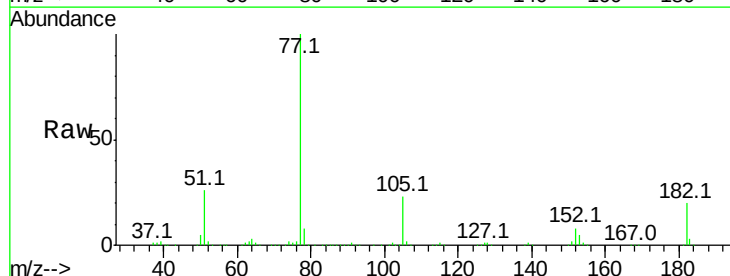
Manual Integrations
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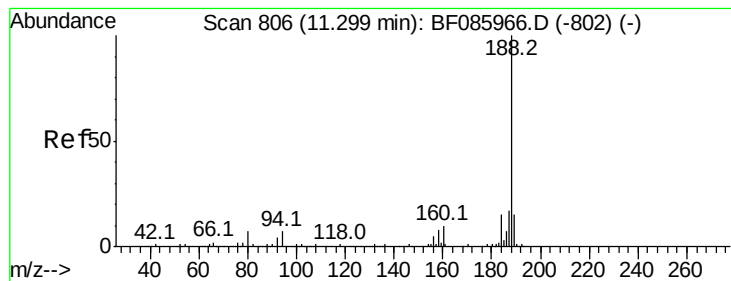
Sohil
4/11/2016 5:45:29 PM



#62
Azobenzene
Concen: 44.37 ng
RT: 10.46 min Scan# 733
Delta R.T. -0.05 min
Lab File: BF086197.D
Acq: 9 Apr 2016 4:49

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	591548		
182	20.4	1.9	41.9	
105	23.1	3.5	43.5	
51	26.3	6.3	46.3	





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.25 min Scan# 802

Delta R.T. -0.05 min

Lab File: BF086197.D

Acq: 9 Apr 2016 4:49

Instrument :

BNA_F

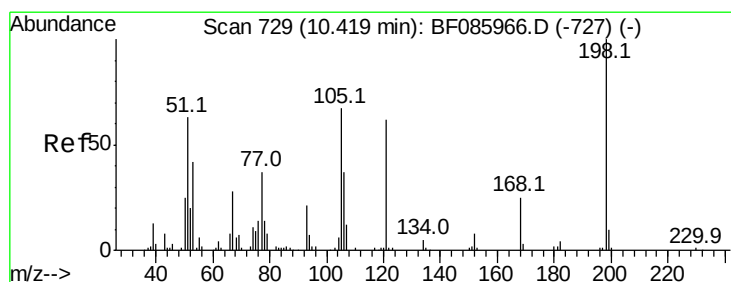
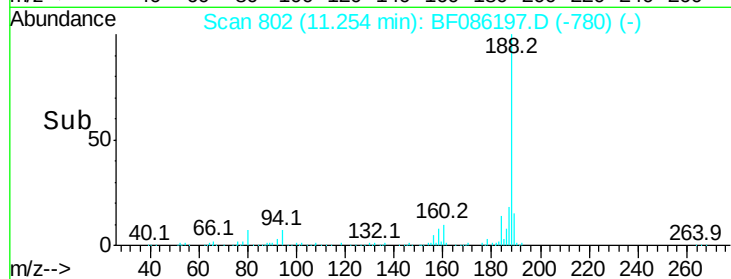
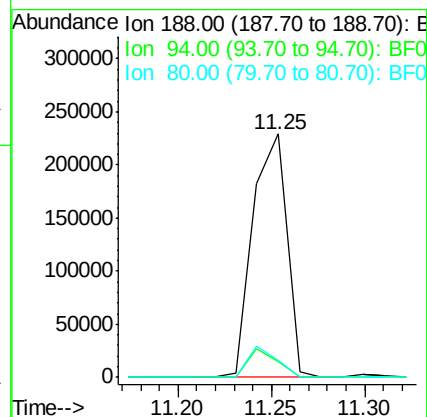
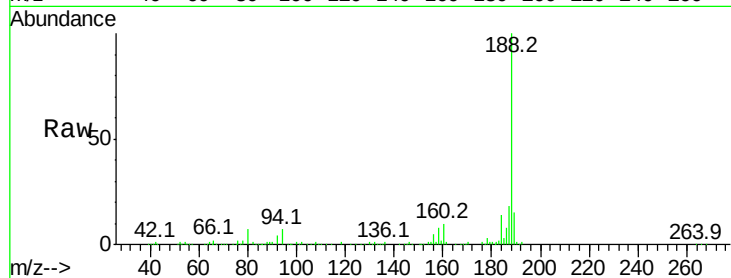
ClientSampleId :

AMBOY-SB-36(0.5-20.0)MS

Tot Ion	188	Resp	289030
Ion Ratio	Lower	Upper	
188	100		
94	6.7	5.4	8.0
80	6.8	5.5	8.3

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#64

4,6-Dinitro-2-methylphenol

Concen: 6.53 ng

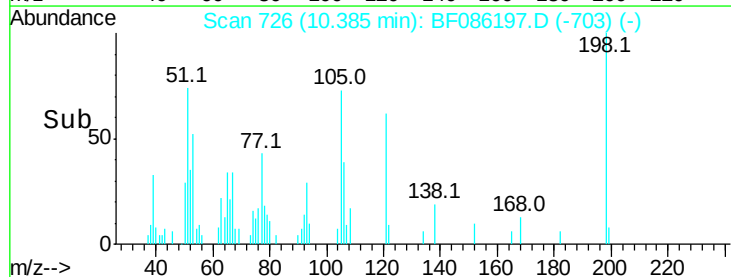
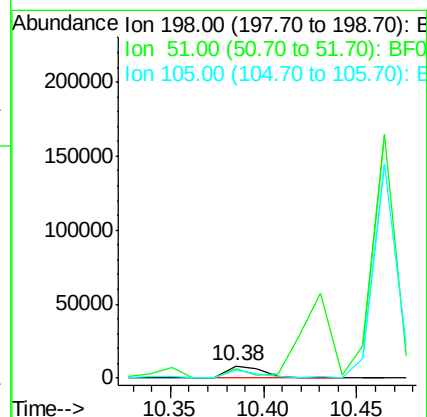
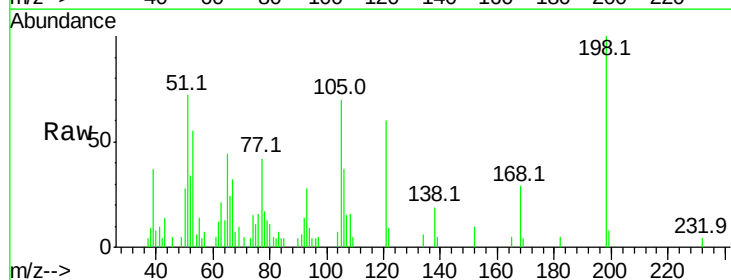
RT: 10.38 min Scan# 726

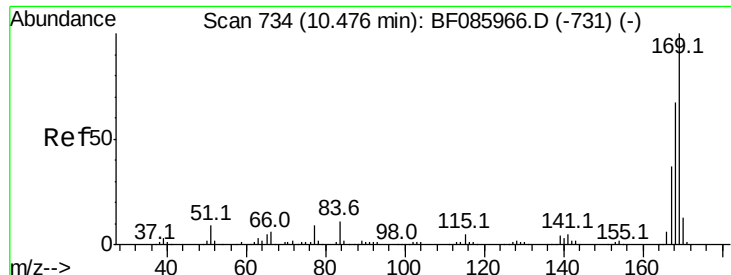
Delta R.T. -0.03 min

Lab File: BF086197.D

Acq: 9 Apr 2016 4:49

Tgt Ion	198	Resp	11433
Ion Ratio	Lower	Upper	
198	100		
51	71.7	45.4	85.4
105	69.8	45.9	85.9





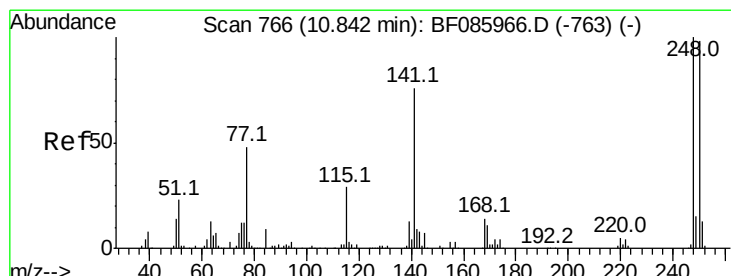
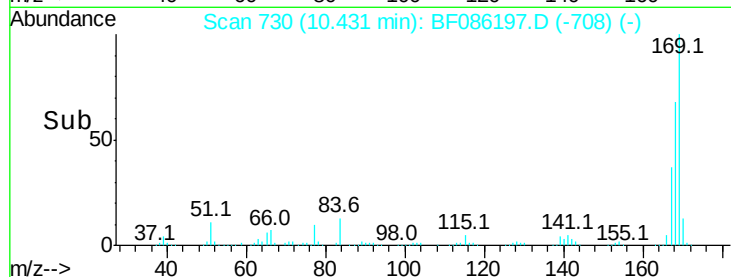
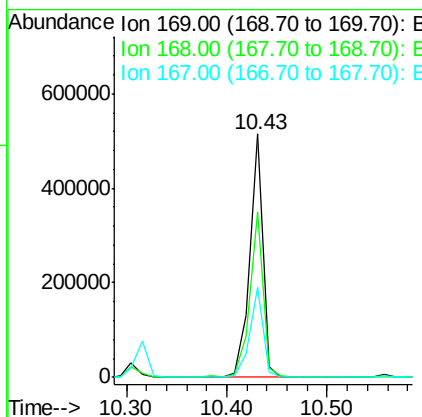
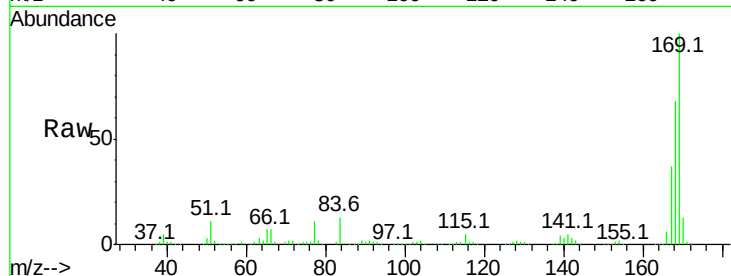
#65
 n-Nitrosodiphenylamine
 Concen: 51.61 ng
 RT: 10.43 min Scan# 730
 Delta R.T. -0.05 min
 Lab File: BF086197.D
 Acq: 9 Apr 2016 4:49

Instrument :
 BNA_F
 ClientSampleId :
 AMBOY-SB-36(0.5-20.0)MS

Tot Ion	Ratio	Resp	Lower	Upper
169	100	466461		
168	67.8		54.4	81.6
167	37.0		29.4	44.0

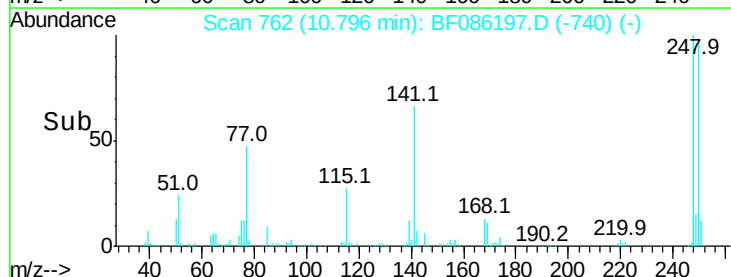
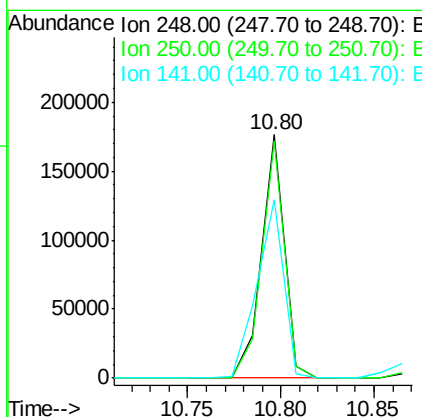
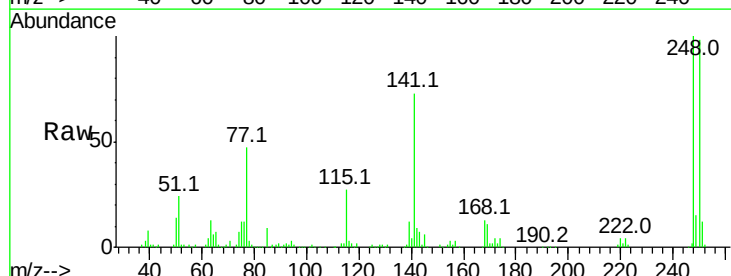
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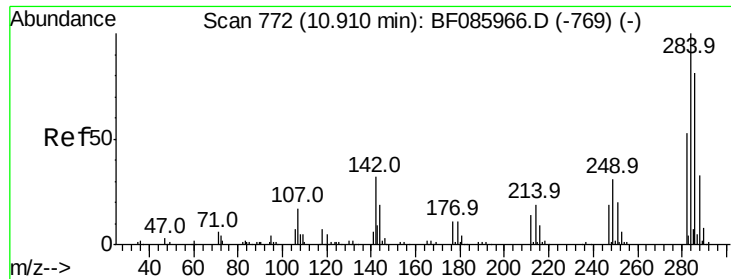
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 4/11/2016 5:45:29 PM



#66
 4-Bromophenyl-phenylether
 Concen: 50.36 ng
 RT: 10.80 min Scan# 762
 Delta R.T. -0.05 min
 Lab File: BF086197.D
 Acq: 9 Apr 2016 4:49

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	148610		
250	97.5		77.4	116.0
141	73.4		63.6	95.4





#67

Hexachlorobenzene

Concen: 48.16 ng

RT: 10.86 min Scan# 768

Delta R.T. -0.05 min

Lab File: BF086197.D

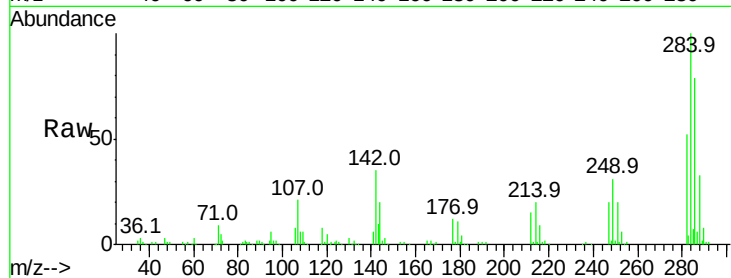
Acq: 9 Apr 2016 4:49

Instrument :

BNA_F

ClientSampleId :

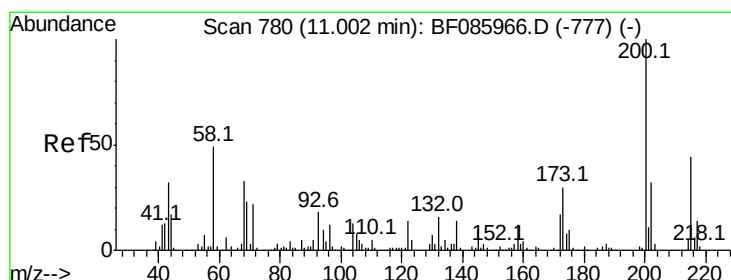
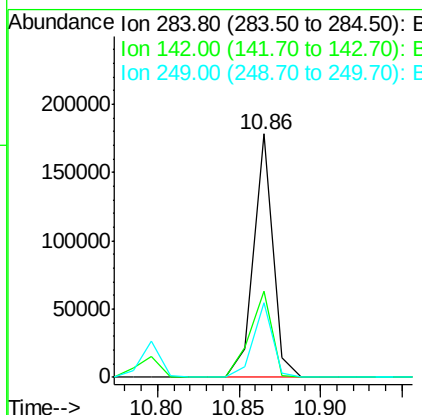
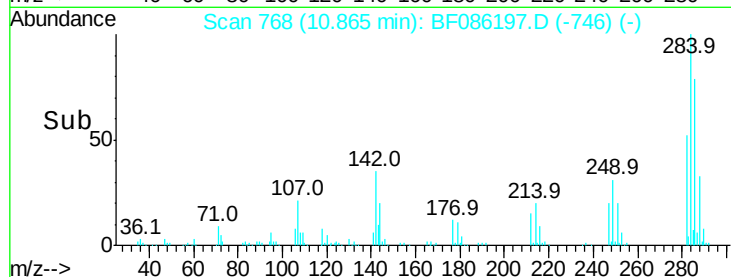
AMBOY-SB-36(0.5-20.0)MS



Tot Ion	Ratio	Resp	Lower	Upper
284	100			
142	35.4	23.1	34.7	#
249	30.9	24.2	36.2	

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#68

Atrazine

Concen: 41.62 ng

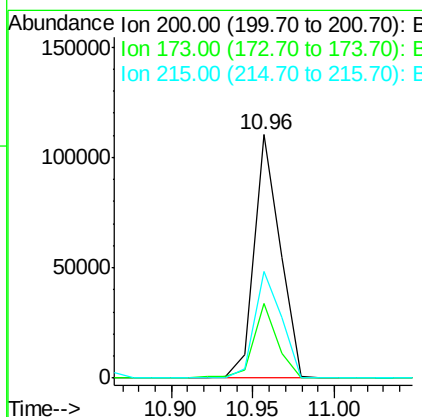
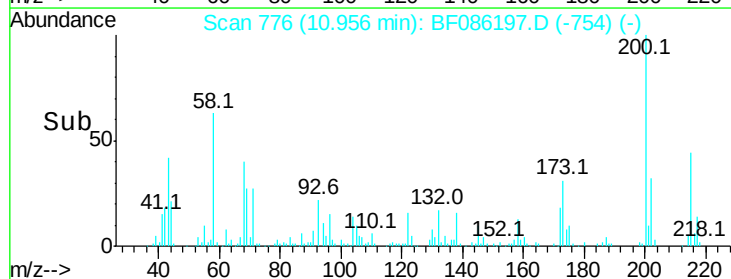
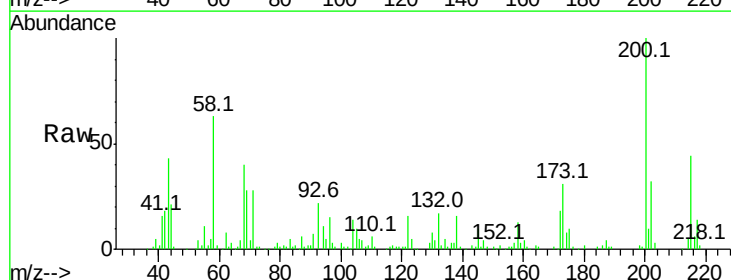
RT: 10.96 min Scan# 776

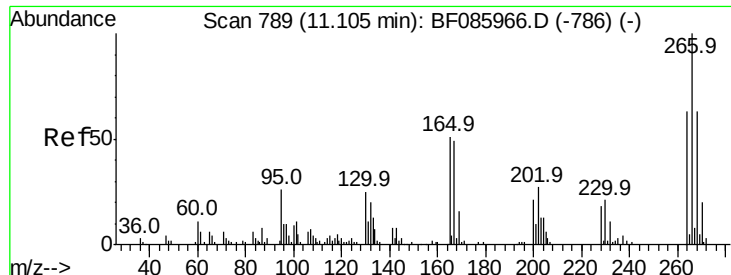
Delta R.T. -0.05 min

Lab File: BF086197.D

Acq: 9 Apr 2016 4:49

Tgt Ion	Ratio	Resp	Lower	Upper
200	100			
173	30.5	7.7	47.7	
215	43.7	25.4	65.4	





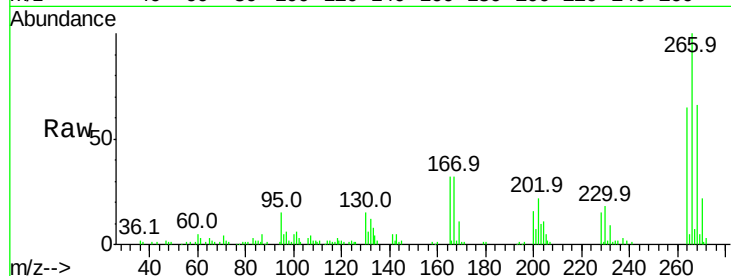
#69
 Pentachlorophenol
 Concen: 78.96 ng
 RT: 11.07 min Scan# 786
 Delta R.T. -0.03 min
 Lab File: BF086197.D
 Acq: 9 Apr 2016 4:49

Instrument :
 BNA_F
 ClientSampleId :
 AMBOY-SB-36(0.5-20.0)MS

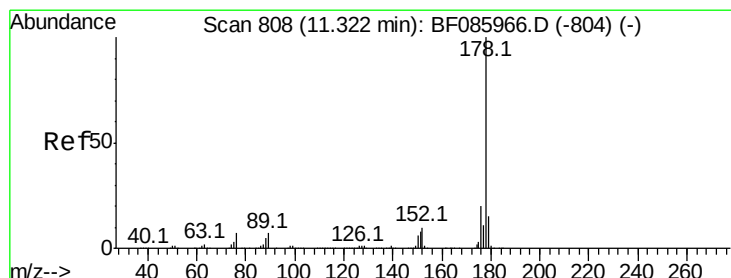
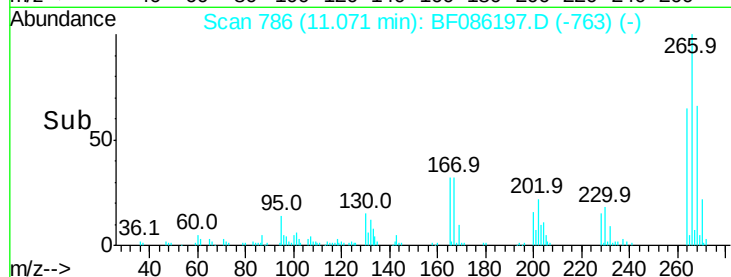
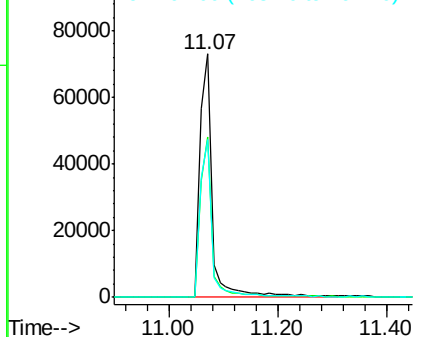
Tot Ion	Ratio	Resp	Lower	Upper
266	100			
268	65.8	51.5	77.3	
264	64.6	50.6	76.0	

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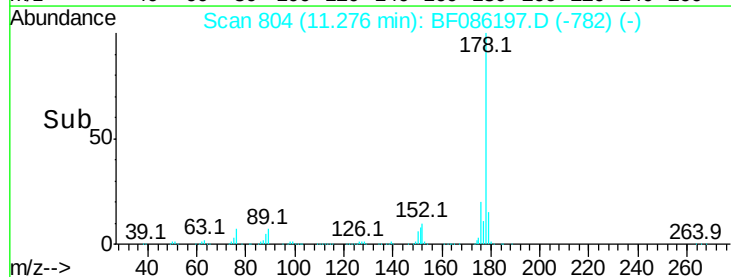
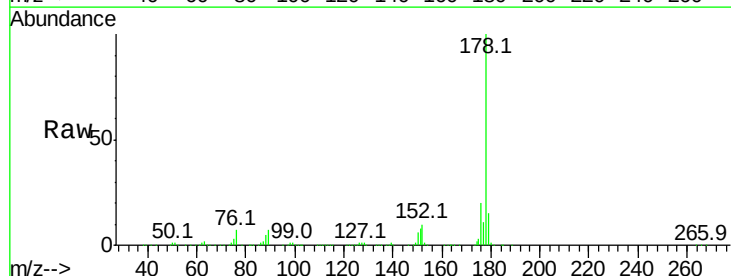
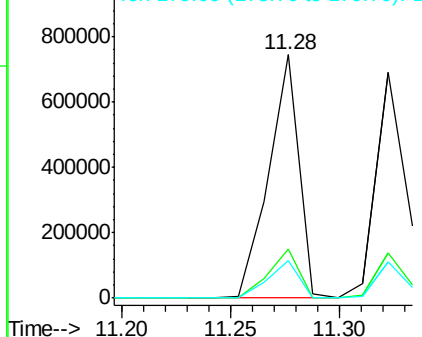
Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

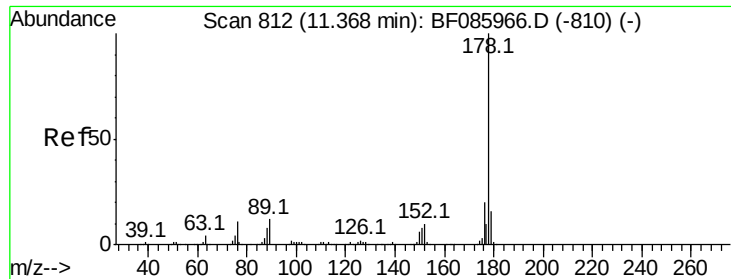


#70
 Phenanthrene
 Concen: 46.16 ng
 RT: 11.28 min Scan# 804
 Delta R.T. -0.05 min
 Lab File: BF086197.D
 Acq: 9 Apr 2016 4:49

Tgt Ion	Ratio	Resp	Lower	Upper
178	100			
176	20.3	16.3	24.5	
179	15.4	12.6	18.8	

Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E





#71

Anthracene

Concen: 40.21 ng

RT: 11.32 min Scan# 808

Delta R.T. -0.05 min

Lab File: BF086197.D

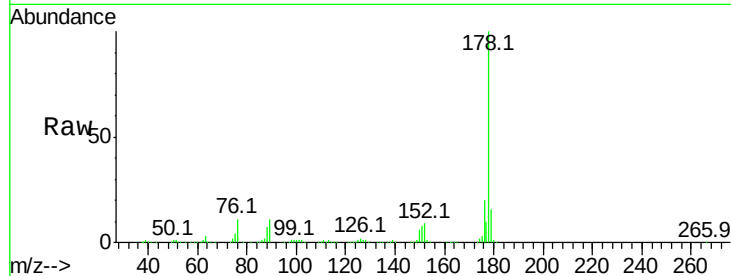
Acq: 9 Apr 2016 4:49

Instrument :

BNA_F

ClientSampleId :

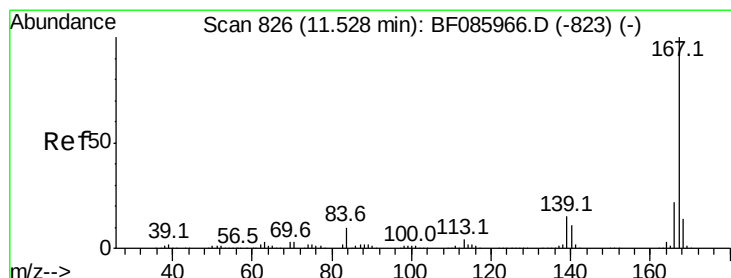
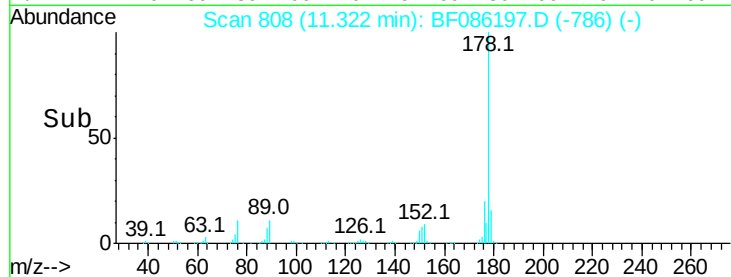
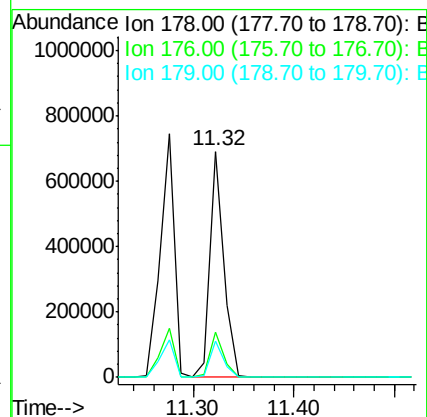
AMBOY-SB-36(0.5-20.0)MS



Tot Ion:	178	Resp:	664237
Ion Ratio	Lower	Upper	
178	100		
176	20.0	15.9	23.9
179	16.0	13.0	19.4

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#72

Carbazole

Concen: 40.97 ng

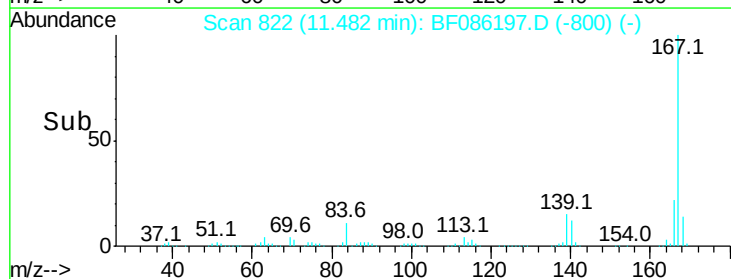
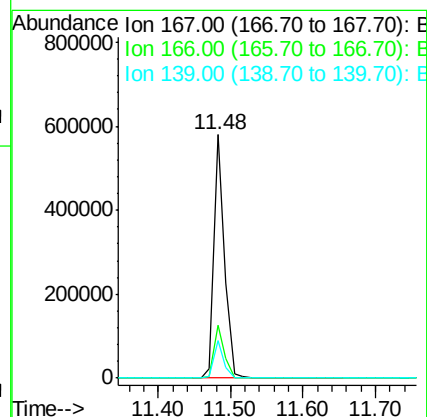
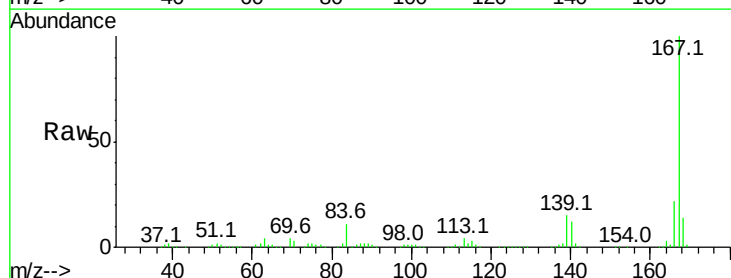
RT: 11.48 min Scan# 822

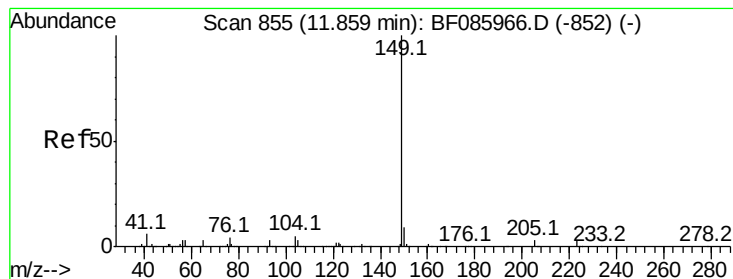
Delta R.T. -0.05 min

Lab File: BF086197.D

Acq: 9 Apr 2016 4:49

Tgt Ion:	167	Resp:	581754
Ion Ratio	Lower	Upper	
167	100		
166	21.9	17.8	26.8
139	15.3	11.6	17.4





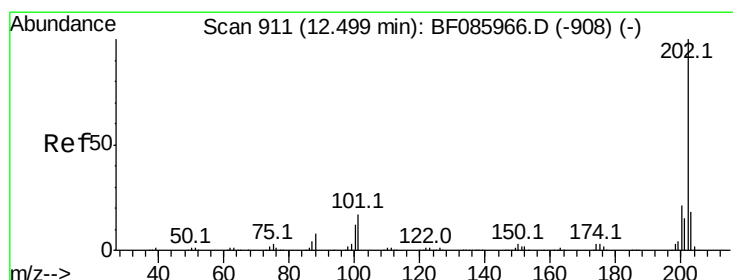
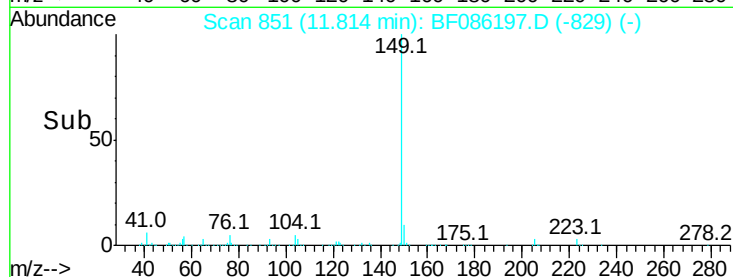
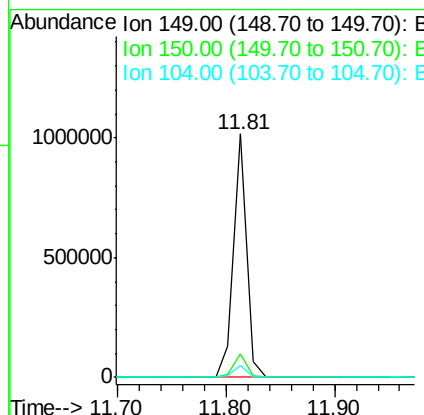
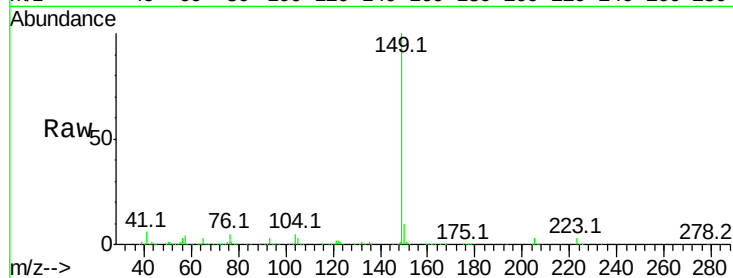
#73
Di-n-butylphthalate
Concen: 47.56 ng
RT: 11.81 min Scan# 851
Delta R.T. -0.05 min
Lab File: BF086197.D
Acq: 9 Apr 2016 4:49

Instrument :
BNA_F
ClientSampleId :
AMBOY-SB-36(0.5-20.0)MS

Tot Ion	Ratio	Resp	Lower	Upper
149	100			
150	9.5	7.6	11.4	
104	4.9	3.8	5.8	

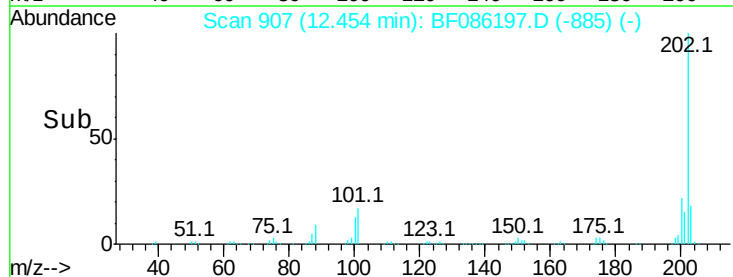
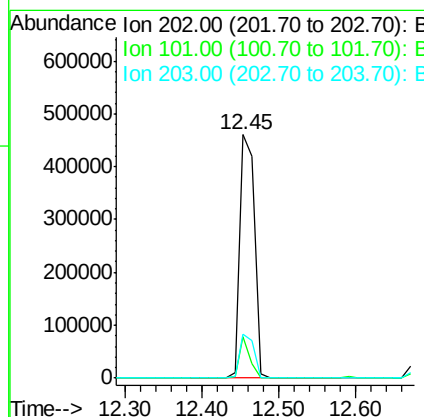
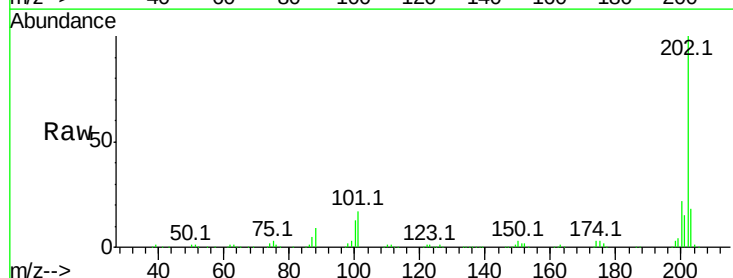
Manual Integrations
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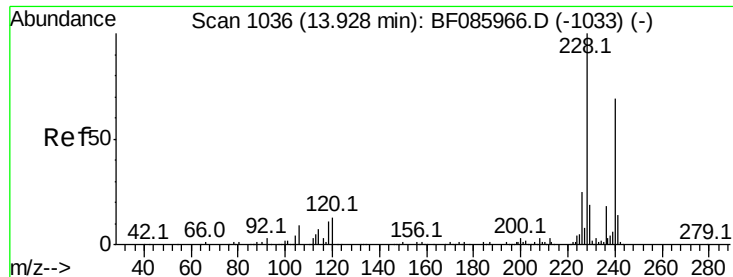
Sohil
4/11/2016 5:45:29 PM



#74
Fluoranthene
Concen: 37.93 ng
RT: 12.45 min Scan# 907
Delta R.T. -0.05 min
Lab File: BF086197.D
Acq: 9 Apr 2016 4:49

Tgt Ion	Ratio	Resp	Lower	Upper
202	100			
101	17.2	0.0	36.6	
203	17.9	0.0	38.1	





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.88 min Scan# 1032

Delta R.T. -0.05 min

Lab File: BF086197.D

Acq: 9 Apr 2016 4:49

Instrument :

BNA_F

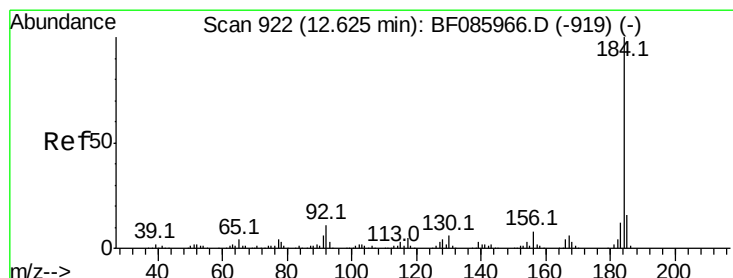
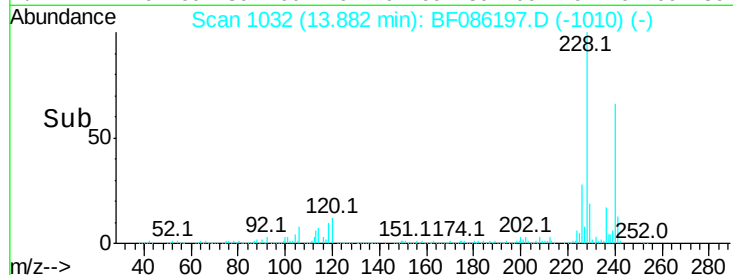
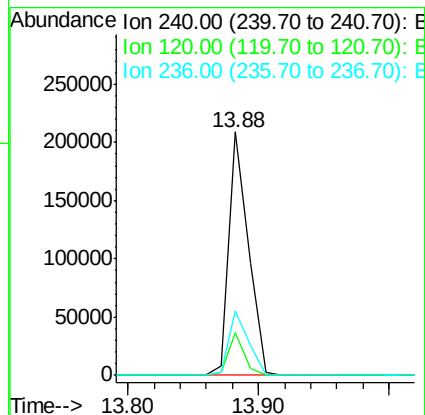
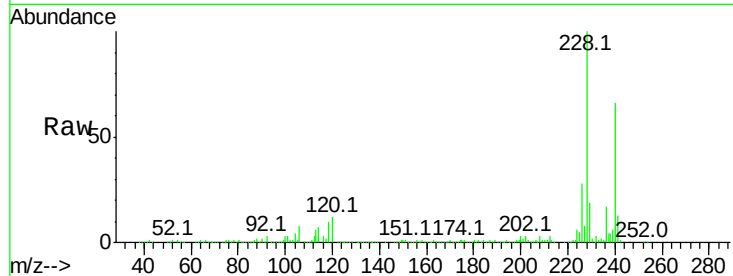
ClientSampleId :

AMBOY-SB-36(0.5-20.0)MS

Tot Ion:	240	Resp:	217622
Ion Ratio	Lower	Upper	
240	100		
120	17.8	13.8	20.8
236	26.4	20.6	30.8

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#76

Benzidine

Concen: 64.50 ng

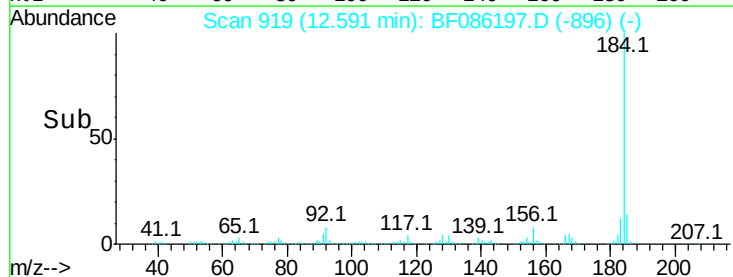
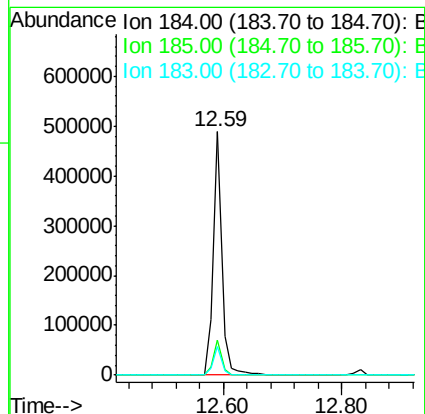
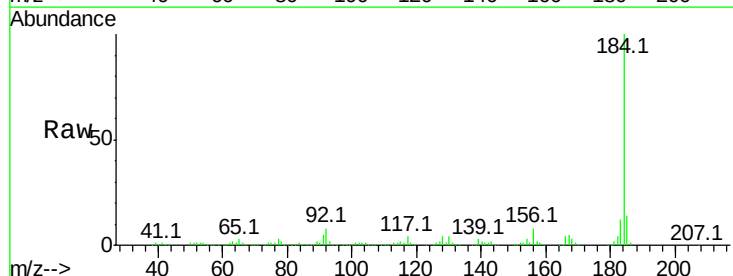
RT: 12.59 min Scan# 919

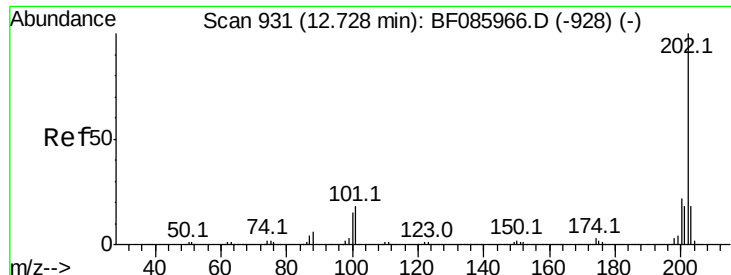
Delta R.T. -0.03 min

Lab File: BF086197.D

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Tgt Ion:	184	Resp:	495241
Ion Ratio	Lower	Upper	
184	100		
185	14.3	12.4	18.6
183	11.8	9.4	14.2





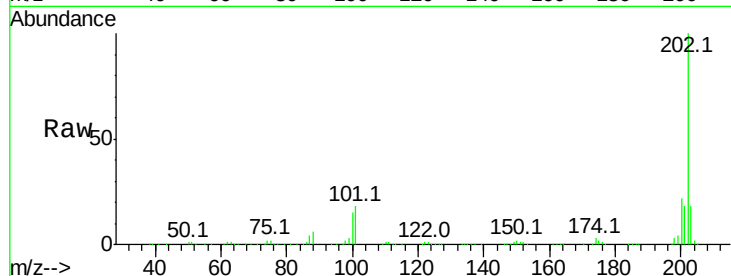
#77
Pvrene
Concen: 41.46 ng
RT: 12.68 min Scan# 927
Delta R.T. -0.05 min
Lab File: BF086197.D
Acq: 9 Apr 2016 4:49

Instrument :
BNA_F
ClientSampleId :
AMBOY-SB-36(0.5-20.0)MS

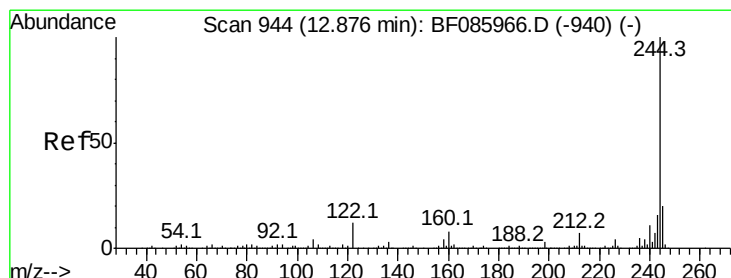
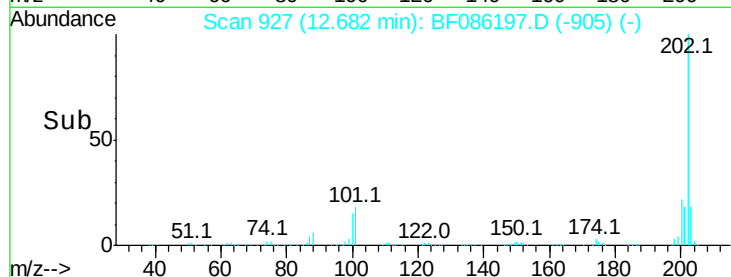
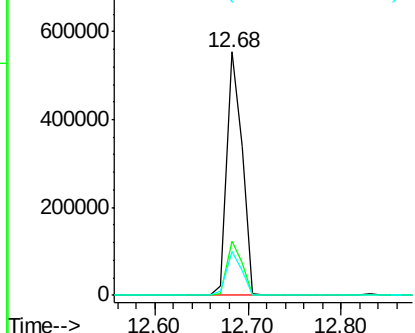
Tot Ion	Ratio	Resp Lower	Upper
202	100		
200	22.5	17.6	26.4
203	18.3	14.0	21.0

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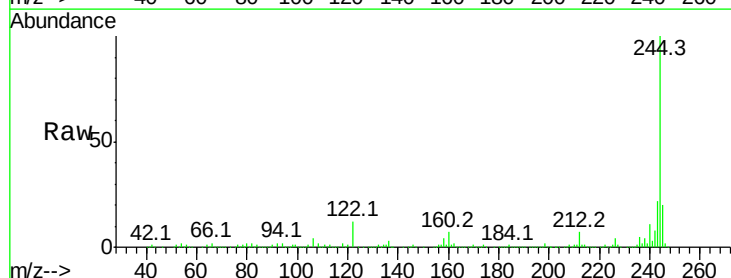


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

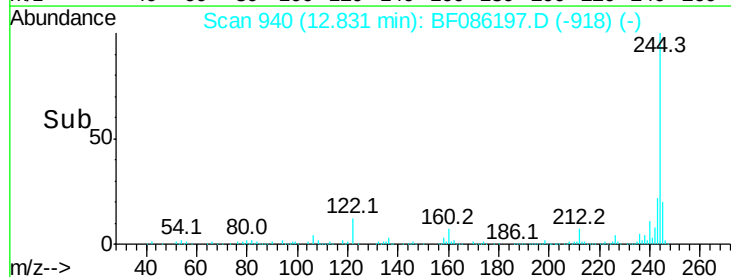
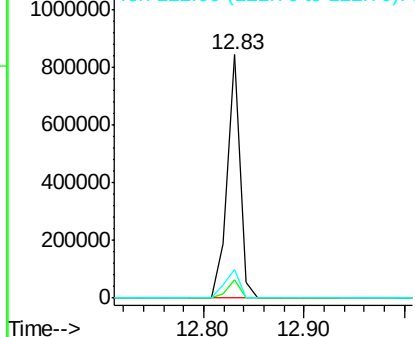


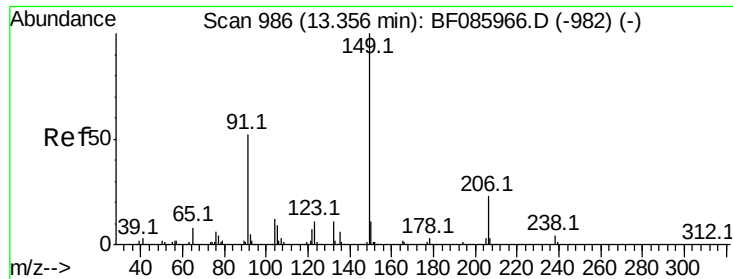
#78
Terphenyl-d14
Concen: 81.09 ng
RT: 12.83 min Scan# 940
Delta R.T. -0.05 min
Lab File: BF086197.D
Acq: 9 Apr 2016 4:49

Tgt Ion	Ratio	Resp Lower	Upper
244	100		
212	7.4	6.1	9.1
122	11.6	10.2	15.4



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





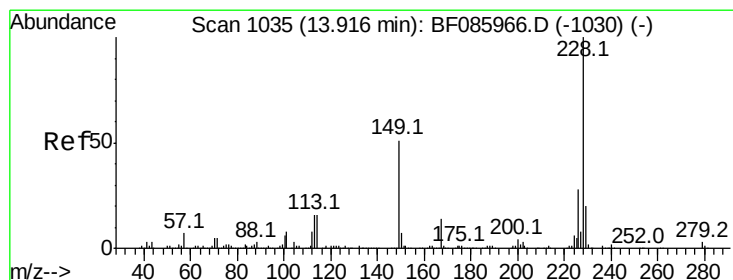
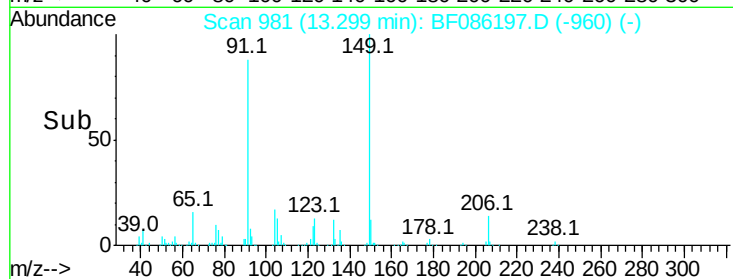
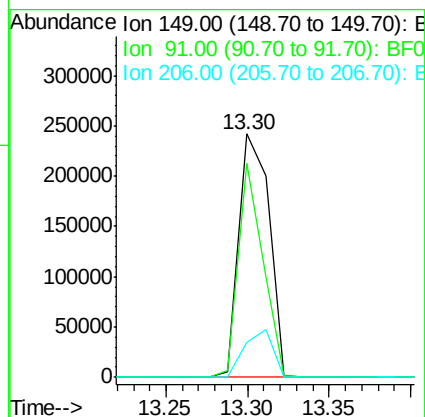
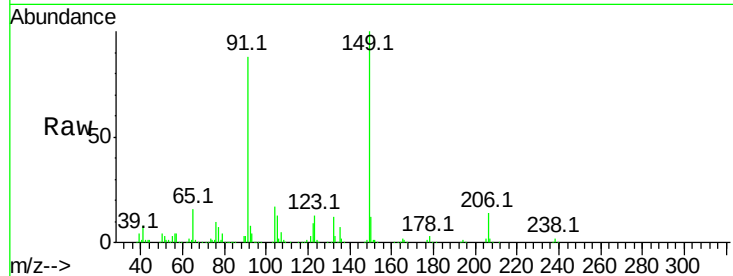
#79
Butylbenzylphthalate
Concen: 44.68 ng
RT: 13.30 min Scan# 981
Delta R.T. -0.06 min
Lab File: BF086197.D
Acq: 9 Apr 2016 4:49

Instrument :
BNA_F
ClientSampleId :
AMBOY-SB-36(0.5-20.0)MS

Tot Ion	Ratio	Resp Lower	Upper
149	100		
91	87.9	45.8	68.8#
206	14.4	17.8	26.8#

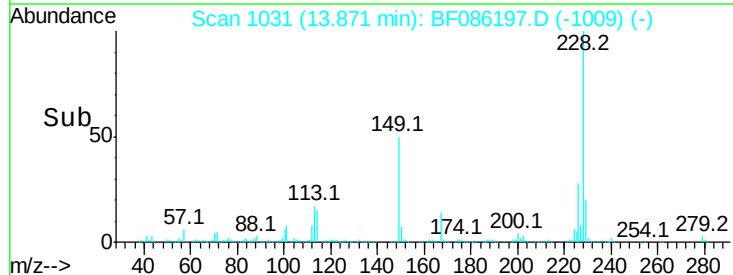
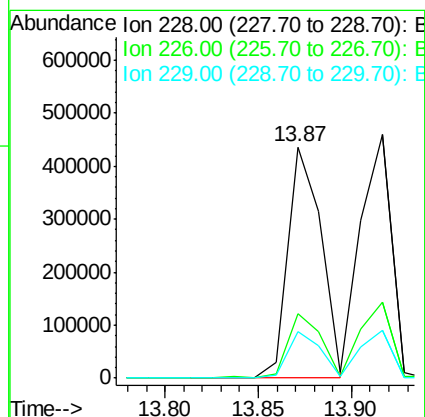
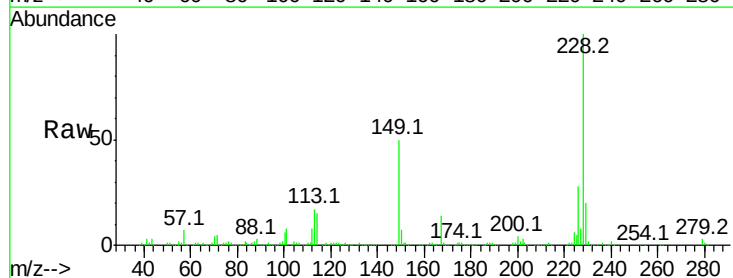
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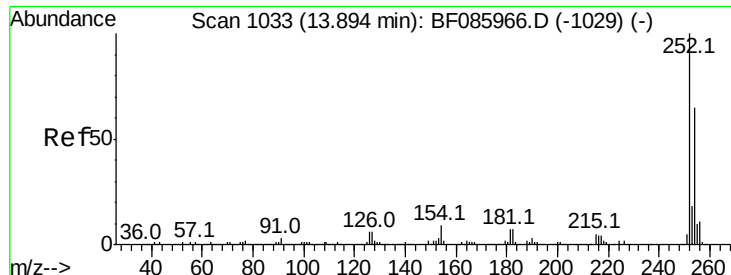
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#80
Benzo(a)anthracene
Concen: 42.48 ng
RT: 13.87 min Scan# 1031
Delta R.T. -0.05 min
Lab File: BF086197.D
Acq: 9 Apr 2016 4:49

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
226	27.9	22.1	33.1
229	20.3	16.2	24.4





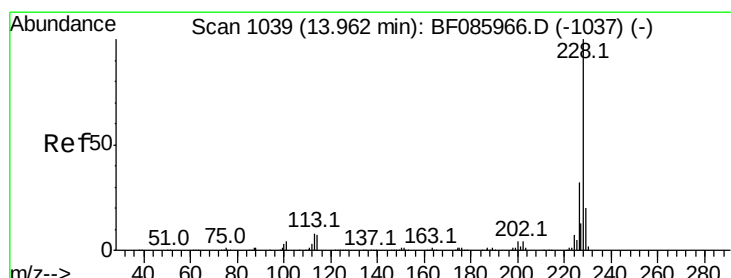
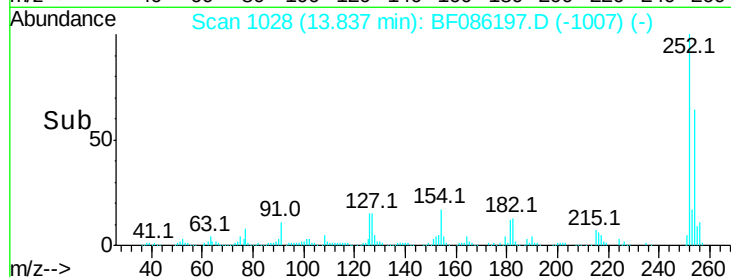
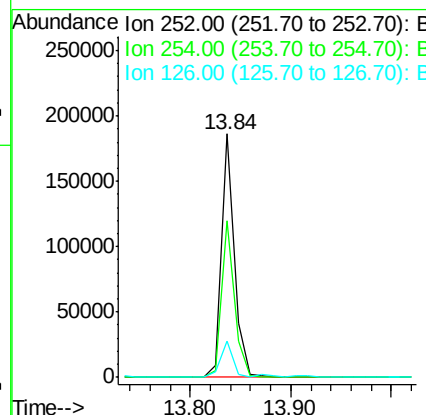
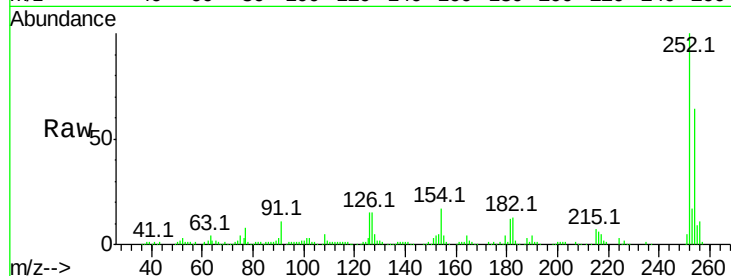
#81
 3,3'-Dichlorobenzidine
 Concen: 17.79 ng
 RT: 13.84 min Scan# 1028
 Delta R.T. -0.06 min
 Lab File: BF086197.D
 Acq: 9 Apr 2016 4:49

Instrument :
 BNA_F
 ClientSampleId :
 AMBOY-SB-36(0.5-20.0)MS

Tot Ion	Ratio	Lower	Upper
252	100		
254	64.3	50.7	76.1
126	15.1	11.8	17.6

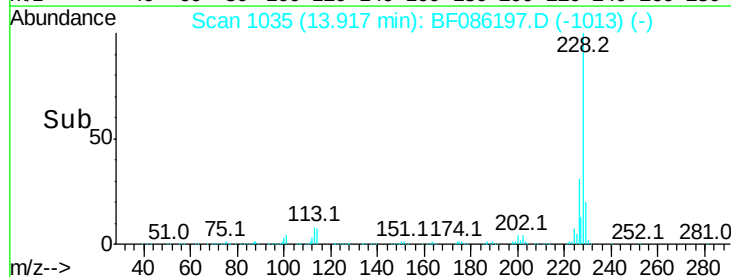
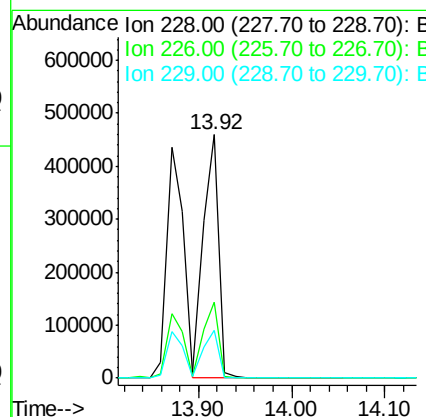
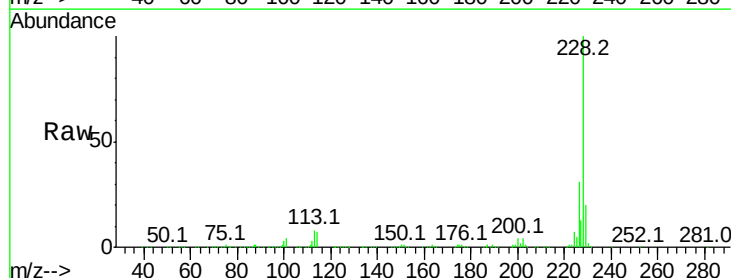
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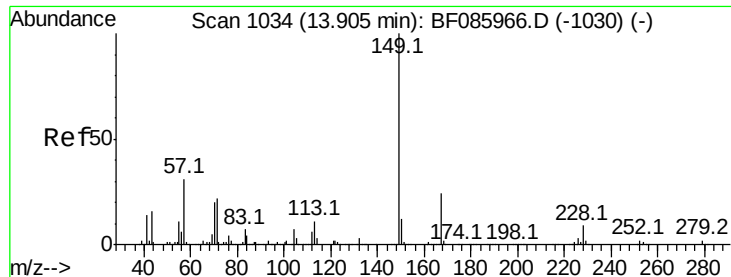
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#82
 Chrysene
 Concen: 43.14 ng
 RT: 13.92 min Scan# 1035
 Delta R.T. -0.05 min
 Lab File: BF086197.D
 Acq: 9 Apr 2016 4:49

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.3	25.0	37.6
229	19.6	15.7	23.5





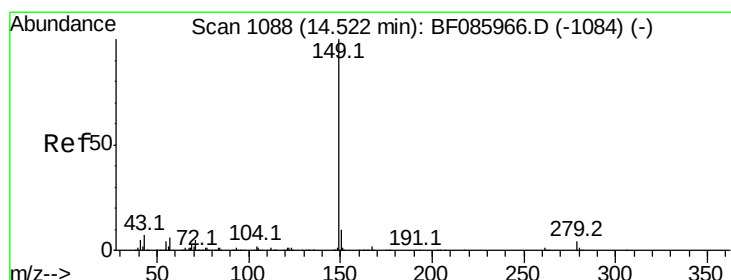
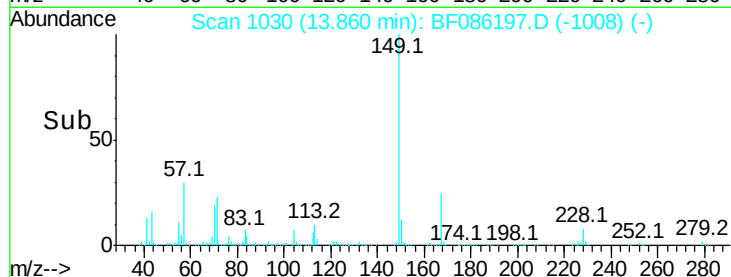
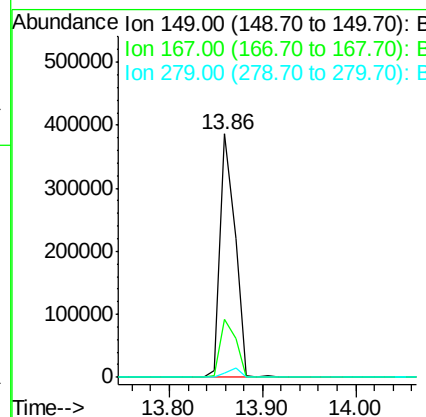
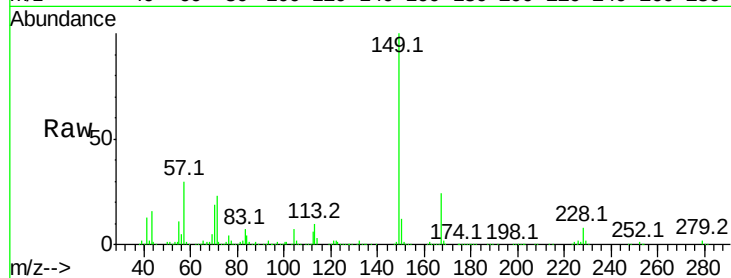
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 46.92 ng
 RT: 13.86 min Scan# 1030
 Delta R.T. -0.05 min
 Lab File: BF086197.D
 Acq: 9 Apr 2016 4:49

Instrument :
 BNA_F
 ClientSampleId :
 AMBOY-SB-36(0.5-20.0)MS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	430044		
167	23.7	19.4	29.2	
279	1.8	1.5	2.3	

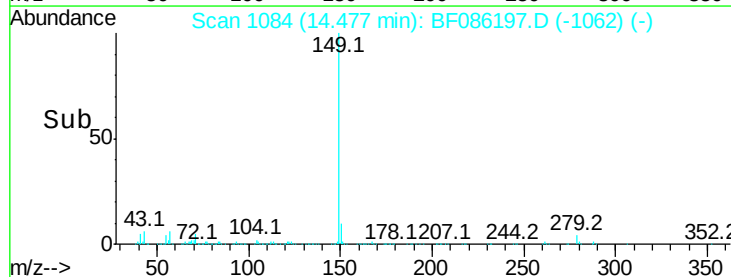
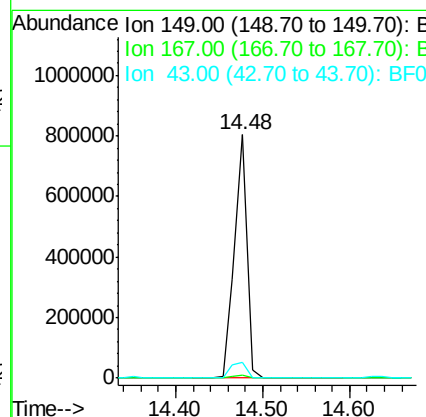
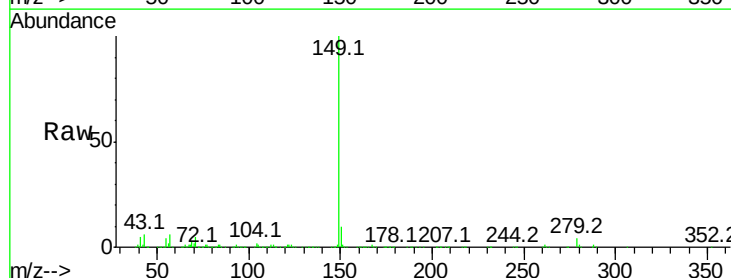
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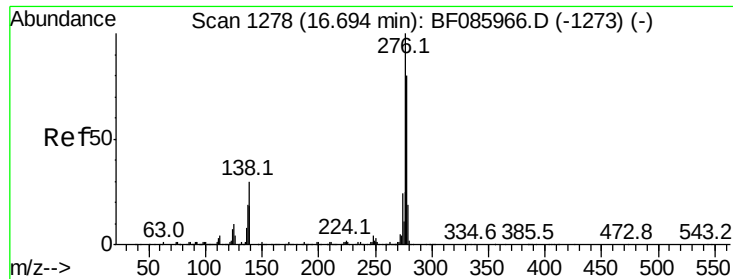
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#84
 Di-n-octyl phthalate
 Concen: 54.59 ng
 RT: 14.48 min Scan# 1084
 Delta R.T. -0.05 min
 Lab File: BF086197.D
 Acq: 9 Apr 2016 4:49

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	798982		
167	1.6	1.2	1.8	
43	8.1	7.1	10.7	





#85

Indeno(1,2,3-cd)pyrene

Concen: 42.98 ng

RT: 16.63 min Scan# 1272

Delta R.T. -0.07 min

Lab File: BF086197.D

Acq: 9 Apr 2016 4:49

Instrument :

BNA_F

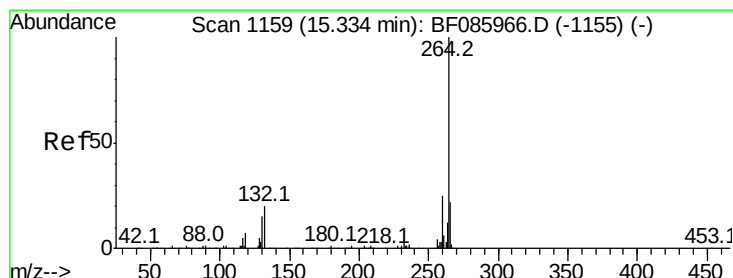
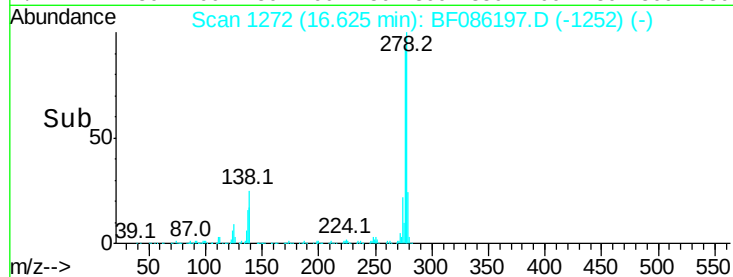
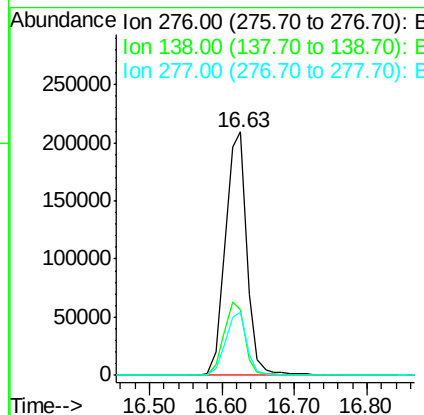
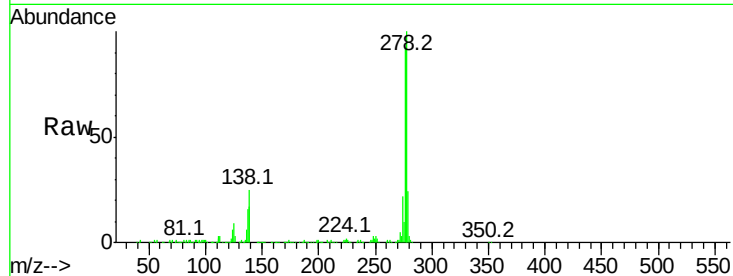
ClientSampleId :

AMBOY-SB-36(0.5-20.0)MS

Tot Ion:	276	Resp:	430865
Ion Ratio		Lower	Upper
276	100		
138	30.0	24.2	36.4
277	25.5	20.0	30.0

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#86

Perylene-d12

Concen: 20.00 ng

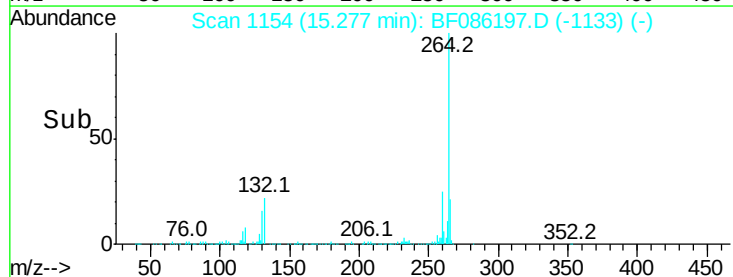
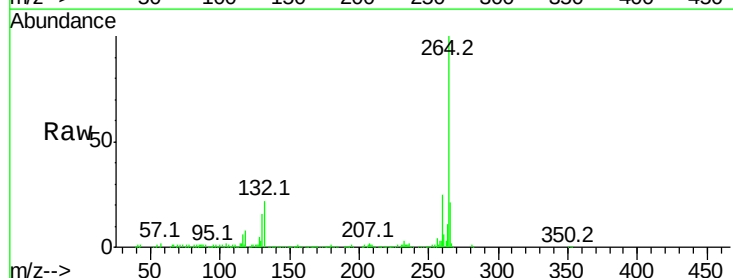
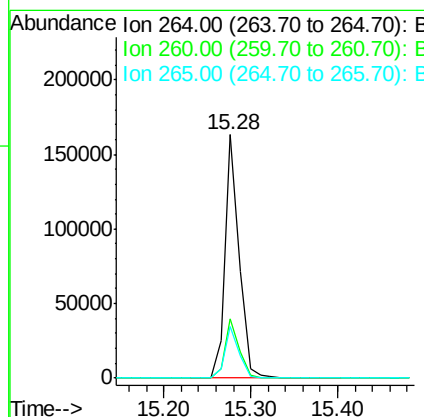
RT: 15.28 min Scan# 1154

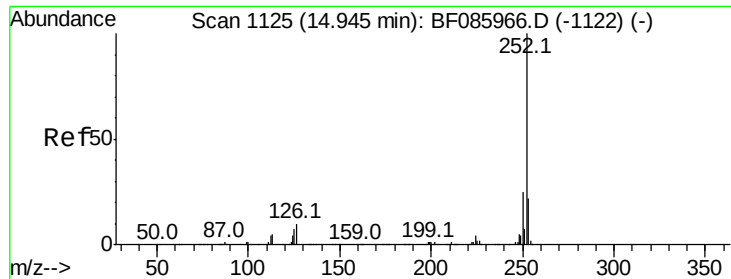
Delta R.T. -0.06 min

Lab File: BF086197.D

Acq: 9 Apr 2016 4:49

Tgt Ion:	264	Resp:	186630
Ion Ratio		Lower	Upper
264	100		
260	24.6	19.4	29.2
265	21.1	17.2	25.8





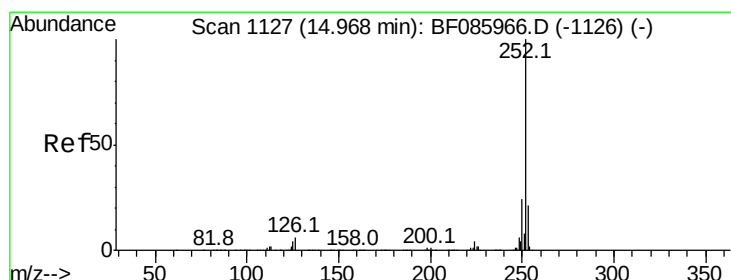
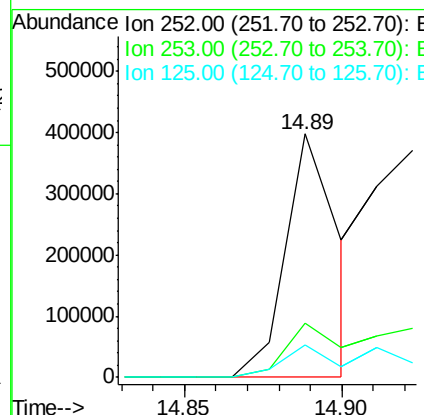
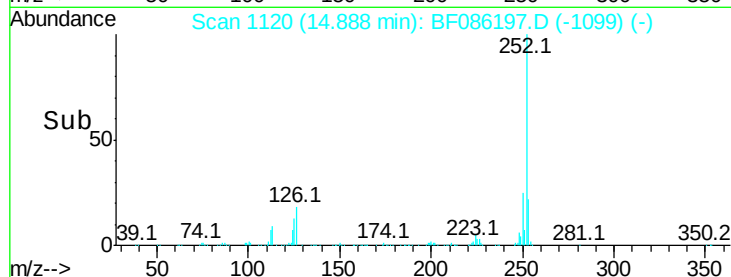
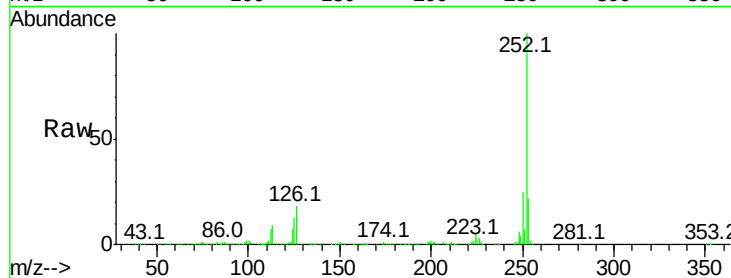
#87
Benzo(b)fluoranthene
Concen: 39.72 ng m
RT: 14.89 min Scan# 1120
Delta R.T. -0.06 min
Lab File: BF086197.D
Acq: 9 Apr 2016 4:49

Instrument :
BNA_F
ClientSampleId :
AMBOY-SB-36(0.5-20.0)MS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.6	26.4
125	13.4	10.3	15.5

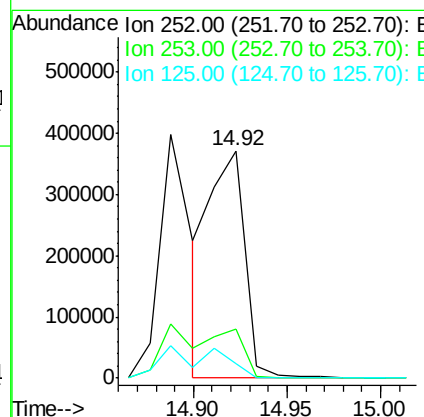
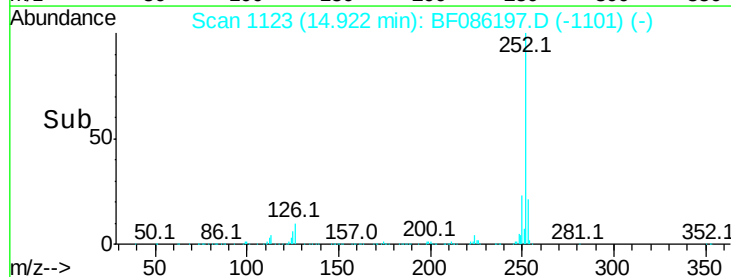
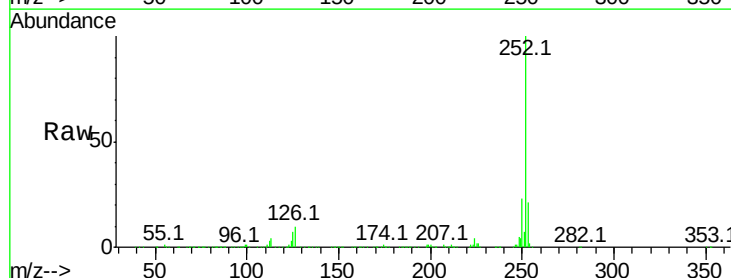
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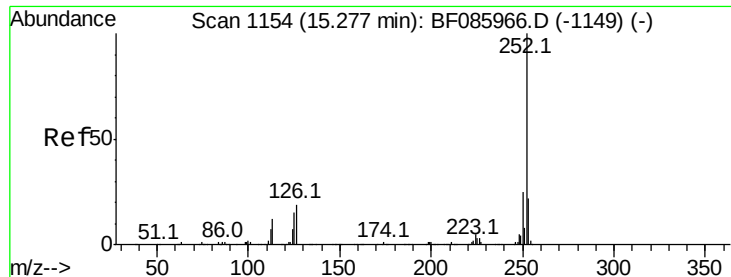
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#88
Benzo(k)fluoranthene
Concen: 47.06 ng m
RT: 14.92 min Scan# 1123
Delta R.T. -0.05 min
Lab File: BF086197.D
Acq: 9 Apr 2016 4:49

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.4	17.8	26.6
125	6.5	7.7	11.5





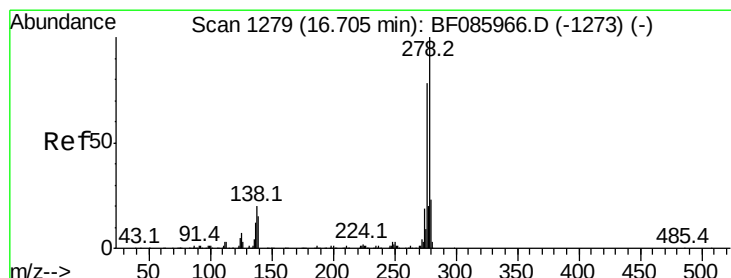
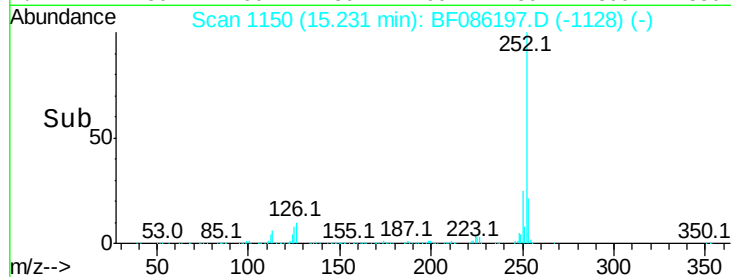
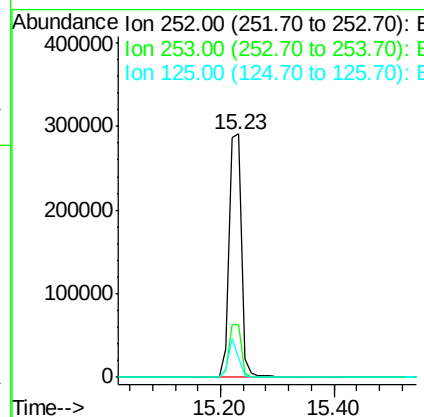
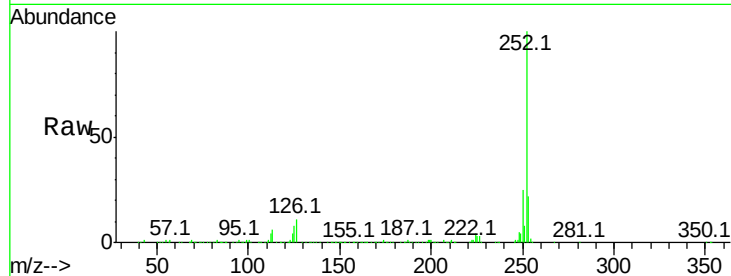
#89
Benzo(a)pyrene
Concen: 43.12 ng
RT: 15.23 min Scan# 1150
Delta R.T. -0.05 min
Lab File: BF086197.D
Acq: 9 Apr 2016 4:49

Instrument :
BNA_F
ClientSampleId :
AMBOY-SB-36(0.5-20.0)MS

Tot Ion	Ratio	Resp Lower	Upper
252	100		
253	21.5	17.4	26.0
125	8.1	10.3	15.5#

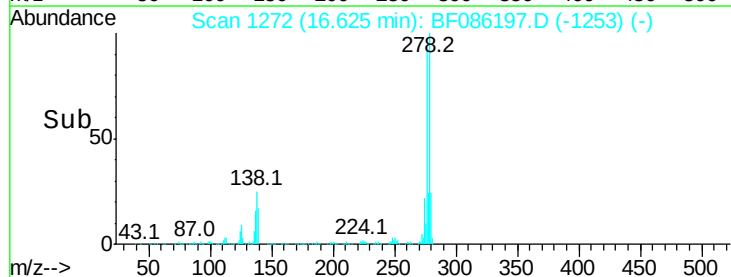
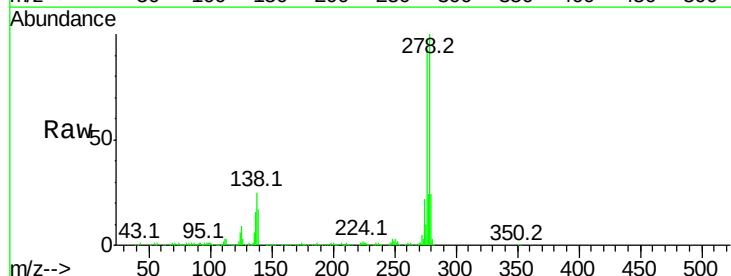
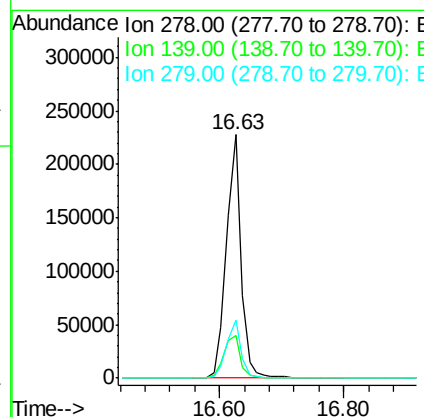
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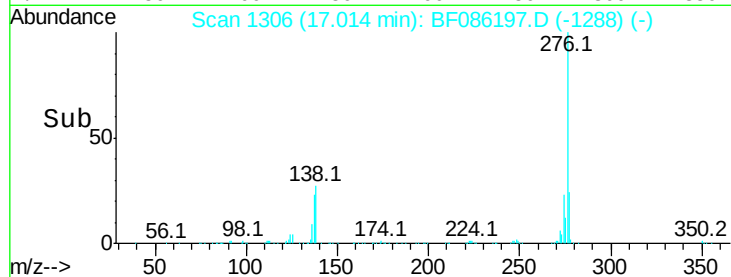
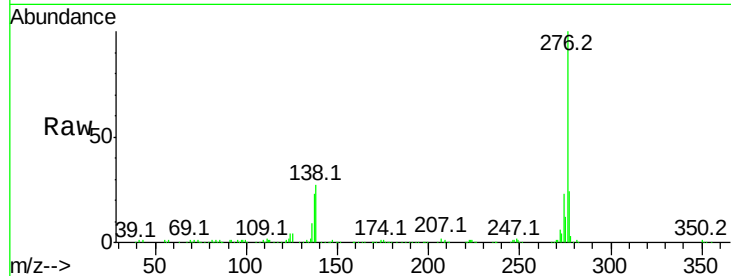
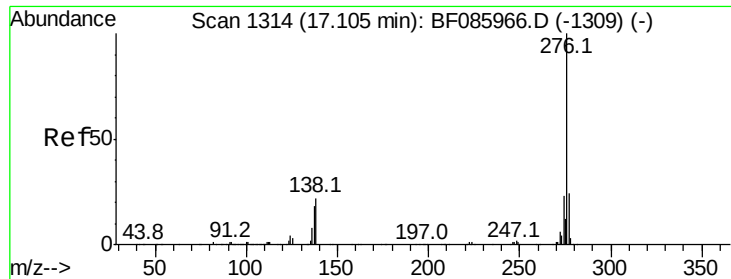
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#90
Dibenzo(a,h)anthracene
Concen: 44.54 ng
RT: 16.63 min Scan# 1272
Delta R.T. -0.08 min
Lab File: BF086197.D
Acq: 9 Apr 2016 4:49

Tgt Ion	Ratio	Resp Lower	Upper
278	100		
139	17.3	14.4	21.6
279	23.8	19.1	28.7





#91
 Benzo(a,h,i)perylene
 Concen: 42.59 ng
 RT: 17.01 min Scan# 1306
 Delta R.T. -0.09 min
 Lab File: BF086197.D
 Acq: 9 Apr 2016 4:49

Instrument :
 BNA_F
 ClientSampleId :
 AMBOY-SB-36(0.5-20.0)MS

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.8	18.8	28.2
138	27.0	22.6	34.0

Manual Integrations
 APPROVED

Sohil
 4/11/2016 5:45:29 PM

