

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040816\
 Data File : BF086198.D
 Acq On : 9 Apr 2016 5:18
 Operator : UM/SJ
 Sample : H2346-06MSD
 Misc :
 ALS Vial : 37 Sample Multiplier: 1

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

Manual Integrations
 APPROVED

Sohil
 4/11/2016 5:45:30 PM

Quant Time: Apr 09 06:53:04 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	111768	20.00	ng	-0.05
21) Naphthalene-d8	8.02	136	441150	20.00	ng	-0.05
38) Acenaphthene-d10	9.77	164	181491	20.00	ng	-0.05
63) Phenanthrene-d10	11.25	188	277294	20.00	ng	-0.05
75) Chrysene-d12	13.88	240	212911	20.00	ng	-0.05
86) Perylene-d12	15.28	264	178881	20.00	ng	-0.06

System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	817134	124.97	ng	-0.03
7) Phenol-d6	6.38	99	1048516	126.24	ng	-0.03
23) Nitrobenzene-d5	7.30	82	680697	90.99	ng	-0.05
41) 2,4,6-Tribromophenol	10.56	330	178606	104.85	ng	-0.05
44) 2-Fluorobiphenyl	9.09	172	946661	86.73	ng	-0.05
78) Terphenyl-d14	12.83	244	683082	75.42	ng	-0.05

Target Compounds						Qvalue
2) 1,4-Dioxane	2.29	88	121154	39.08	ng	98
3) Pyridine	2.99	79	314869	45.37	ng	99
4) n-Nitrosodimethylamine	2.94	42	141734	46.44	ng	97
6) Aniline	6.40	93	230404	21.14	ng	# 1
8) 2-Chlorophenol	6.52	128	333588	42.78	ng	96
9) Benzaldehyde	6.28	77	117841	26.37	ng	91
10) Phenol	6.40	94	349773	36.92	ng	# 70
11) bis(2-Chloroethyl)ether	6.48	93	353925	47.18	ng	96
12) 1,3-Dichlorobenzene	6.67	146	359934m	43.55	ng	
13) 1,4-Dichlorobenzene	6.75	146	361095	42.41	ng	93
14) 1,2-Dichlorobenzene	6.90	146	330517	42.17	ng	98
15) Benzyl Alcohol	6.89	79	254088	47.29	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.01	45	364652	39.79	ng	54
17) 2-Methylphenol	7.00	107	265223	43.14	ng	# 93
18) Hexachloroethane	7.23	117	110667	35.34	ng	# 77
19) n-Nitroso-di-n-propylamine	7.15	70	228590	44.40	ng	# 92
20) 3+4-Methylphenols	7.16	107	351224	46.97	ng	# 64
22) Acetophenone	7.15	105	473893	45.70	ng	# 89
24) Nitrobenzene	7.32	77	362846	44.34	ng	97
25) Isophorone	7.56	82	657931	44.56	ng	98
26) 2-Nitrophenol	7.64	139	155801	39.79	ng	95
27) 2,4-Dimethylphenol	7.69	122	321511	45.72	ng	97
28) bis(2-Chloroethoxy)methane	7.78	93	408158	47.11	ng	100
29) 2,4-Dichlorophenol	7.89	162	260515	43.82	ng	94
30) 1,2,4-Trichlorobenzene	7.96	180	288169	43.18	ng	97
31) Naphthalene	8.04	128	938639	42.30	ng	99
32) Benzoic acid	7.81	122	73840	14.31	ng	98
33) 4-Chloroaniline	8.10	127	116042	12.95	ng	99
34) Hexachlorobutadiene	8.16	225	152037	42.37	ng	99
35) Caprolactam	8.48	113	84042	44.56	ng	# 79
36) 4-Chloro-3-methylphenol	8.59	107	275441	41.21	ng	92
37) 2-Methylnaphthalene	8.73	142	559914	38.63	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.90	216	251128	46.04	ng	99
40) Hexachlorocyclopentadiene	8.88	237	20989	18.79	ng	98

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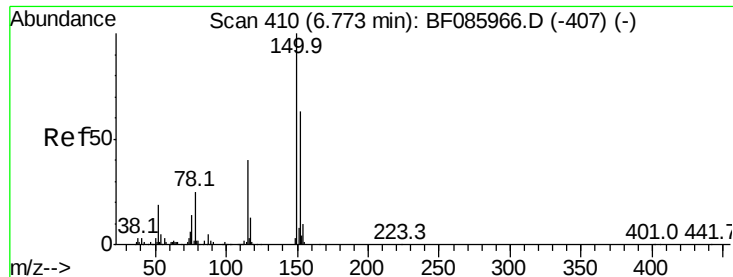
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.01	196	158274	45.18	nq	98
43) 2,4,5-Trichlorophenol	9.06	196	158928	44.69	nq #	76
45) 1,1'-Biphenyl	9.20	154	697988	44.60	nq	96
46) 2-Chloronaphthalene	9.22	162	522839	46.09	nq	95
47) 2-Nitroaniline	9.32	65	161776	48.74	nq	93
48) Acenaphthylene	9.63	152	766224	42.17	nq	99
49) Dimethylphthalate	9.49	163	737974	54.86	nq	99
50) 2,6-Dinitrotoluene	9.56	165	108616	38.16	nq #	85
51) Acenaphthene	9.80	154	465042	43.03	nq	99
52) 3-Nitroaniline	9.73	138	108971	31.77	nq	93
53) 2,4-Dinitrophenol	9.87	184	10509	11.48	nq #	76
54) Dibenzofuran	9.97	168	639984	44.84	nq	100
55) 4-Nitrophenol	9.92	139	147824	73.10	nq	86
56) 2,4-Dinitrotoluene	9.97	165	130950	36.41	nq #	49
57) Fluorene	10.32	166	506835	41.57	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.10	232	118312	44.68	nq #	97
59) Diethylphthalate	10.19	149	571288	42.08	nq	97
60) 4-Chlorophenyl-phenylether	10.30	204	225118	39.64	nq	98
61) 4-Nitroaniline	10.35	138	132413	39.20	nq	93
62) Azobenzene	10.46	77	583250	44.85	nq	98
64) 4,6-Dinitro-2-methylphenol	10.38	198	11737	6.98	nq	89
65) n-Nitrosodiphenylamine	10.43	169	456106	52.60	nq	99
66) 4-Bromophenyl-phenylether	10.80	248	146152	51.63	nq	96
67) Hexachlorobenzene	10.86	284	139550	47.67	nq #	91
68) Atrazine	10.96	200	117246	41.84	nq	95
69) Pentachlorophenol	11.07	266	110098	80.24	nq	99
70) Phenanthrene	11.28	178	685208	45.30	nq	99
71) Anthracene	11.32	178	635031	40.07	nq	99
72) Carbazole	11.48	167	571059	41.92	nq	99
73) Di-n-butylphthalate	11.81	149	834606	49.45	nq	100
74) Fluoranthene	12.45	202	581385	36.95	nq	99
76) Benzidine	12.59	184	432442	57.57	nq	98
77) Pyrene	12.68	202	573934	38.25	nq	99
79) Butylbenzylphthalate	13.30	149	292729	43.33	nq #	69
80) Benzo(a)anthracene	13.87	228	513031	40.88	nq	99
81) 3,3'-Dichlorobenzidine	13.84	252	161210	17.59	nq	99
82) Chrysene	13.92	228	487414	40.32	nq	99
83) Bis(2-ethylhexyl)phthalate	13.86	149	407562	45.45	nq	100
84) Di-n-octyl phthalate	14.48	149	740216	51.70	nq	99
85) Indeno(1,2,3-cd)pyrene	16.63	276	412458	42.05	nq	99
87) Benzo(b)fluoranthene	14.89	252	445030m	39.55	nq	
88) Benzo(k)fluoranthene	14.92	252	457210m	45.88	nq	
89) Benzo(a)pyrene	15.22	252	429650	43.09	nq	98
90) Dibenzo(a,h)anthracene	16.63	278	357500	44.57	nq	99
91) Benzo(g,h,i)perylene	17.01	276	327015	42.12	nq	97

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.73 min Scan# 406

Delta R.T. -0.05 min

Lab File: BF086198.D

Acq: 9 Apr 2016 5:18

Instrument :

BNA_F

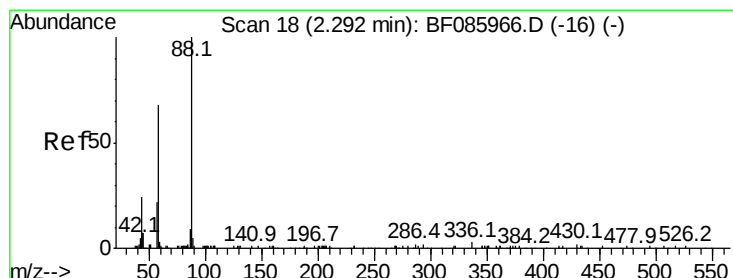
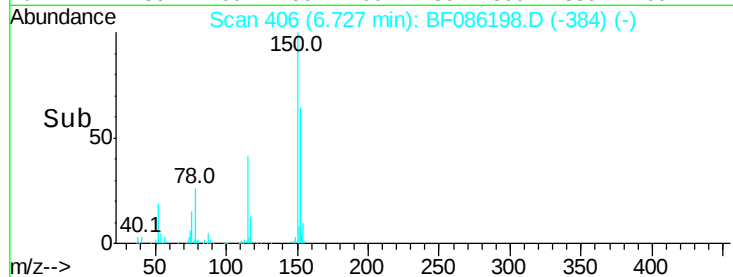
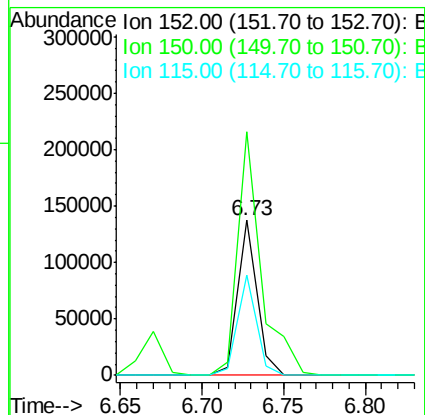
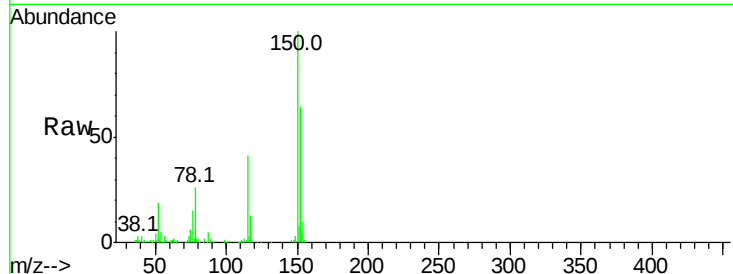
ClientSampleId :

AMBOY-SB-36(0.5-20.0)MSD

Tot Ion:	152	Resp:	111768
Ion Ratio	Lower	Upper	
152	100		
150	157.1	124.2	186.2
115	64.9	47.0	70.6

Manual Integrations
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#2

1,4-Dioxane

Concen: 39.08 ng

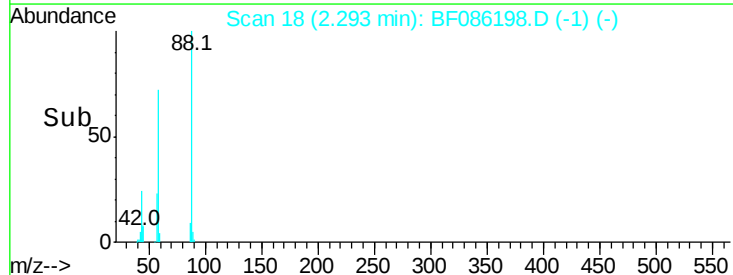
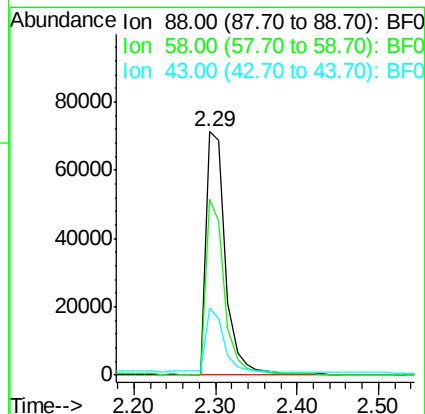
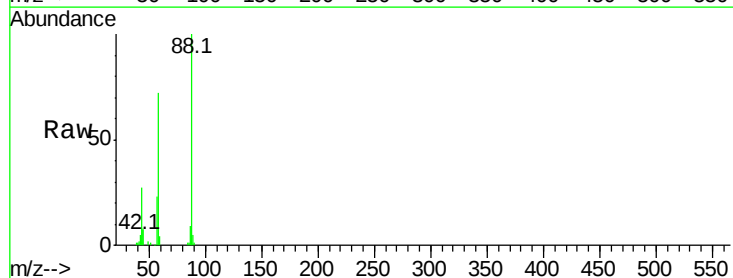
RT: 2.29 min Scan# 18

Delta R.T. 0.00 min

Lab File: BF086198.D

Acq: 9 Apr 2016 5:18

Tgt Ion:	88	Resp:	121154
Ion Ratio	Lower	Upper	
88	100		
58	69.2	54.2	81.2
43	25.7	19.3	28.9





#3

Pvridine

Concen: 45.37 ng

RT: 2.99 min Scan# 79

Delta R.T. -0.01 min

Lab File: BF086198.D

Acq: 9 Apr 2016 5:18

Instrument :

BNA_F

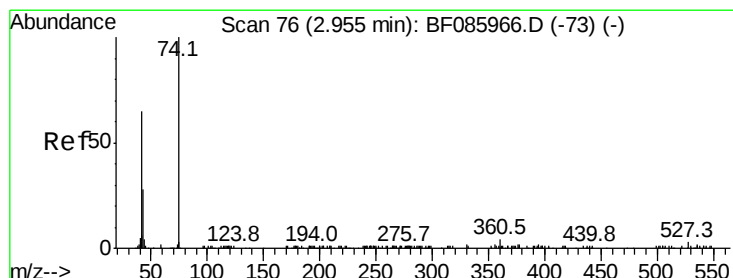
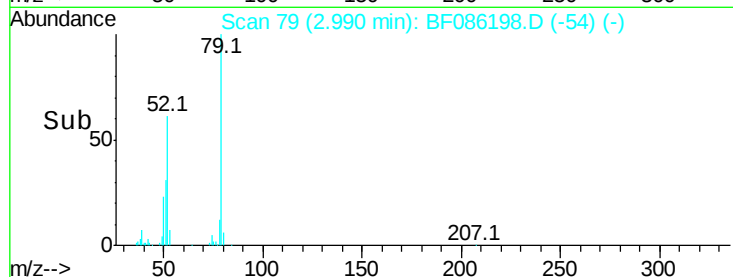
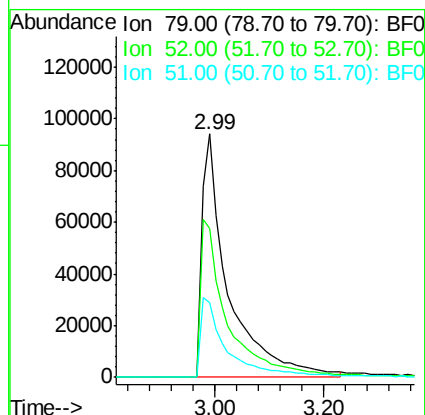
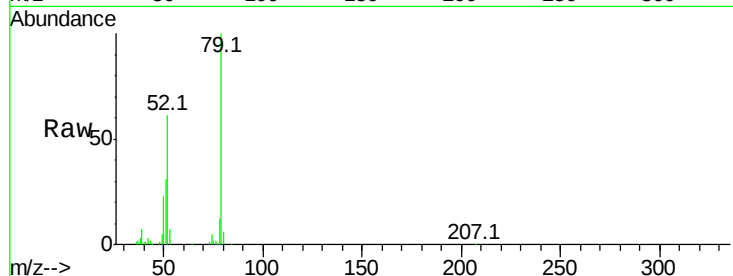
ClientSampleId :

AMBOY-SB-36(0.5-20.0)MSD

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Tot Ion	79	Resp	314869
Ion Ratio	Lower	Upper	
79	100		
52	61.1	49.8	74.6
51	30.5	24.7	37.1



#4

n-Nitrosodimethylamine

Concen: 46.44 ng

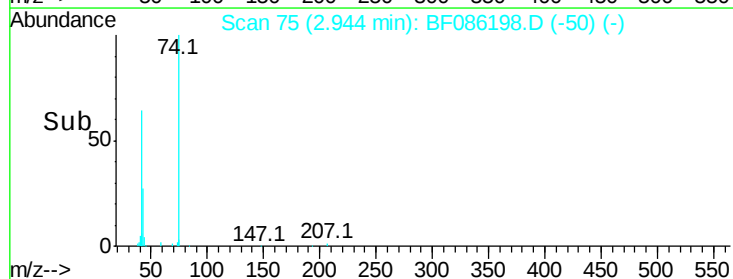
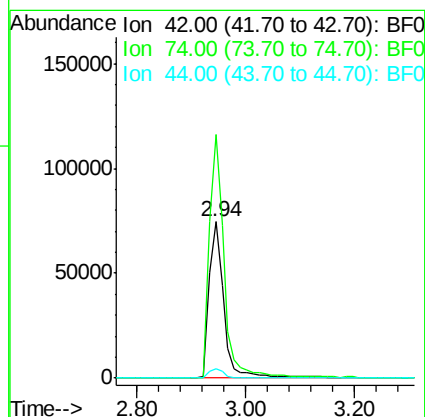
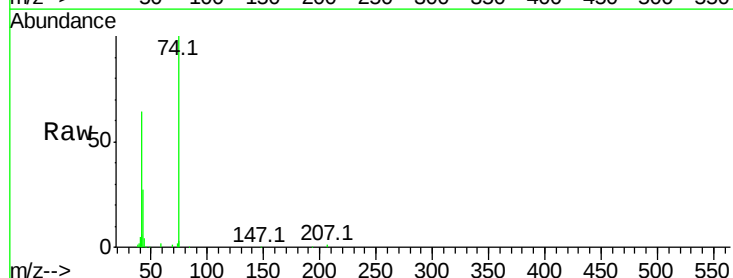
RT: 2.94 min Scan# 75

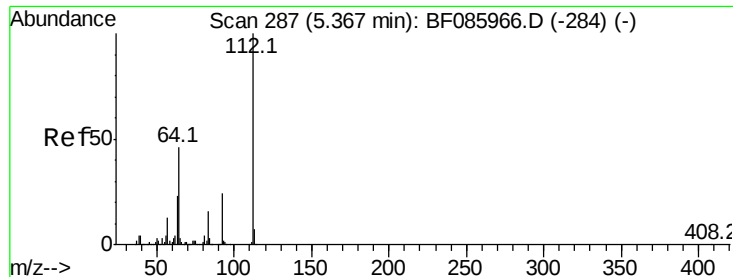
Delta R.T. -0.01 min

Lab File: BF086198.D

Acq: 9 Apr 2016 5:18

Tgt Ion	42	Resp	141734
Ion Ratio	Lower	Upper	
42	100		
74	155.7	121.4	182.2
44	6.4	5.6	8.4





#5

2-Fluorophenol

Concen: 124.97 ng

RT: 5.33 min Scan# 284

Delta R.T. -0.03 min

Lab File: BF086198.D

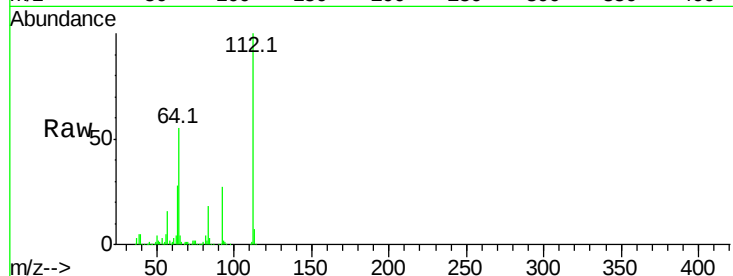
Acq: 9 Apr 2016 5:18

Instrument :

BNA_F

ClientSampleId :

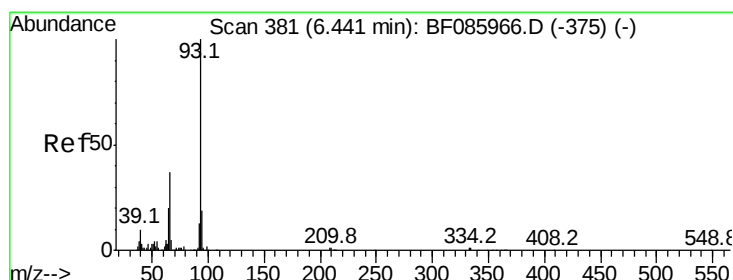
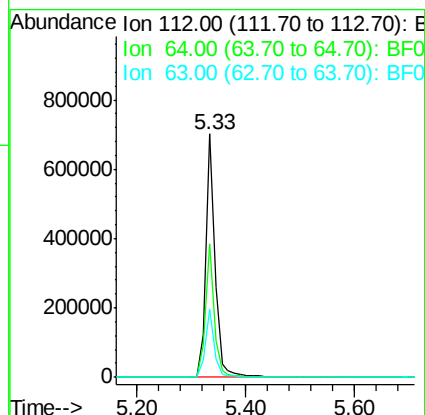
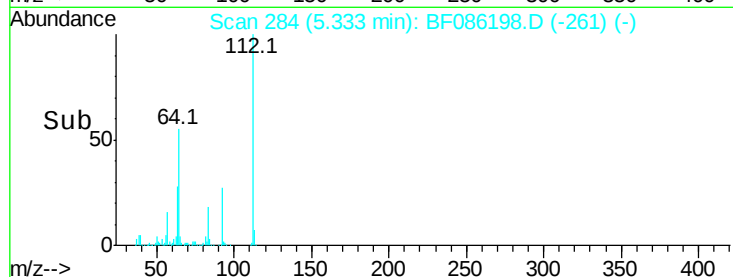
AMBOY-SB-36(0.5-20.0)MSD



Tot Ion	Ratio	Resp	Lower	Upper
112	100	817134		
64	54.8	39.9	59.9	
63	27.9	20.2	30.2	

Manual Integrations
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#6

Aniline

Concen: 21.14 ng

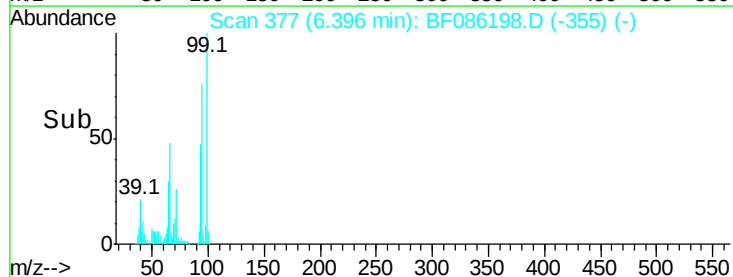
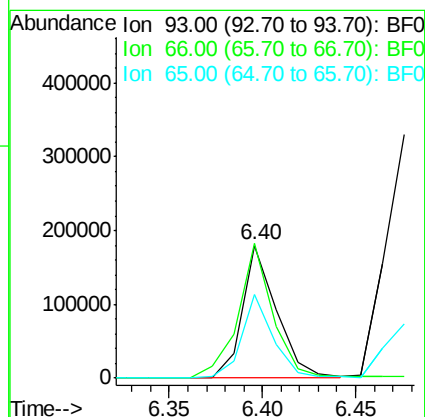
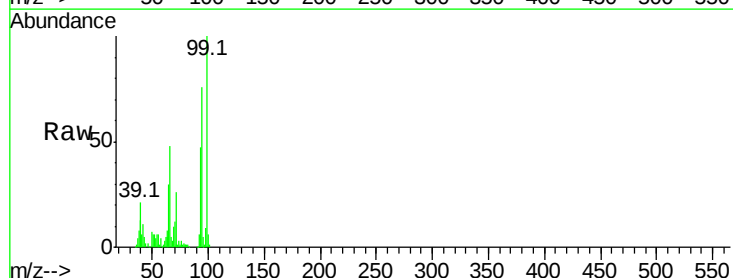
RT: 6.40 min Scan# 377

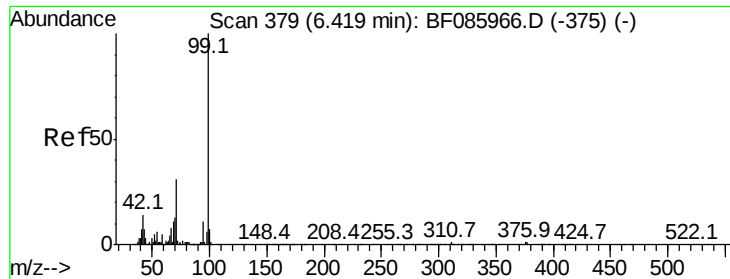
Delta R.T. -0.05 min

Lab File: BF086198.D

Acq: 9 Apr 2016 5:18

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	230404		
66	101.6	31.4	47.2#	
65	63.0	15.7	23.5#	





#7

Phenol-d6

Concen: 126.24 ng

RT: 6.38 min Scan# 376

Delta R.T. -0.03 min

Lab File: BF086198.D

Acq: 9 Apr 2016 5:18

Instrument :

BNA_F

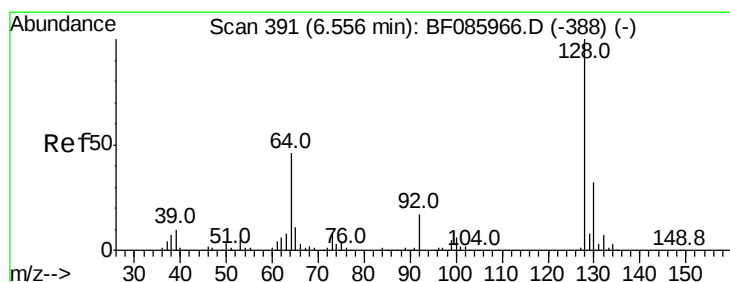
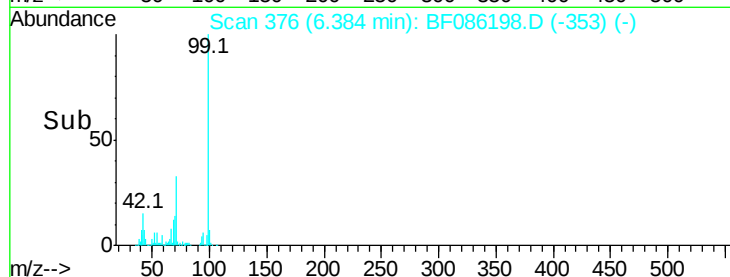
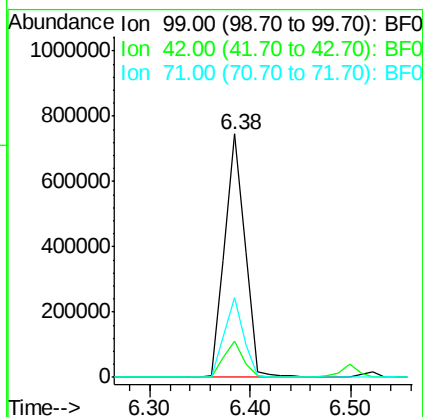
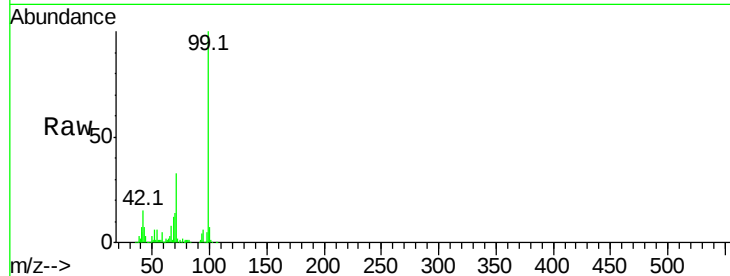
ClientSampleId :

AMBOY-SB-36(0.5-20.0)MSD

Tot Ion:	99	Resp:	1048516
Ion Ratio	Lower	Upper	
99	100		
42	15.0	11.1	16.7
71	32.9	24.9	37.3

Manual Integrations
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#8

2-Chlorophenol

Concen: 42.78 ng

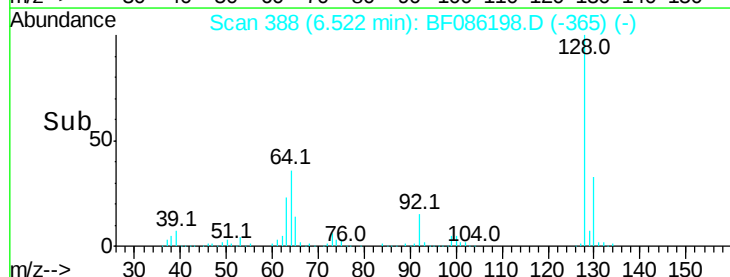
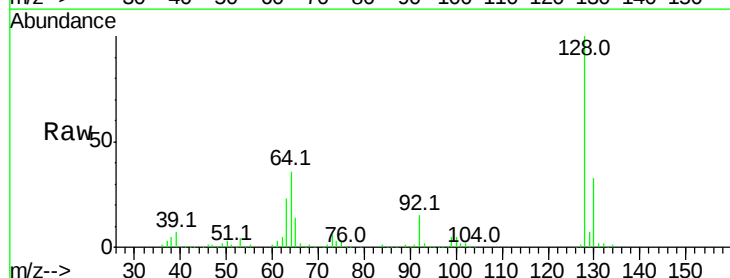
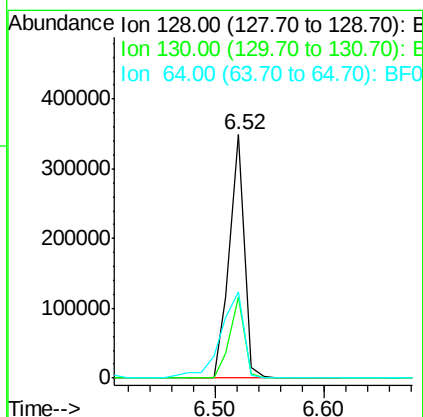
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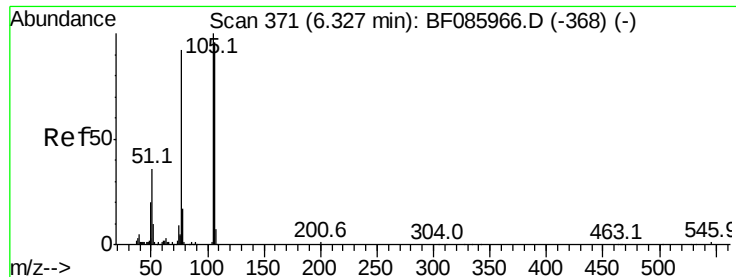
Delta R.T. -0.03 min

Lab File: BF086198.D

Acq: 9 Apr 2016 5:18

Tgt Ion:	128	Resp:	333588
Ion Ratio	Lower	Upper	
128	100		
130	33.3	12.9	52.9
64	35.6	20.2	60.2





#9

Benzaldehyde

Concen: 26.37 ng

RT: 6.28 min Scan# 367

Delta R.T. -0.05 min

Lab File: BF086198.D

Acq: 9 Apr 2016 5:18

Instrument :

BNA_F

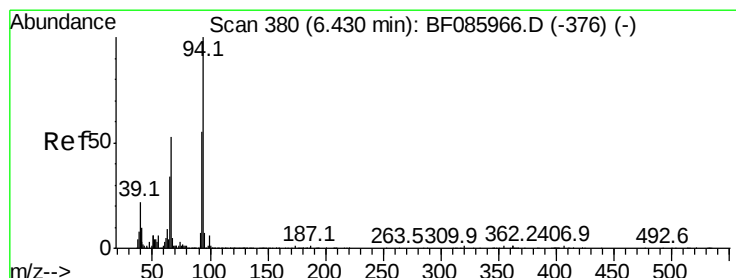
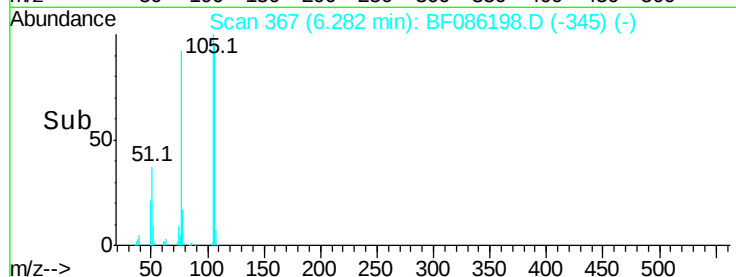
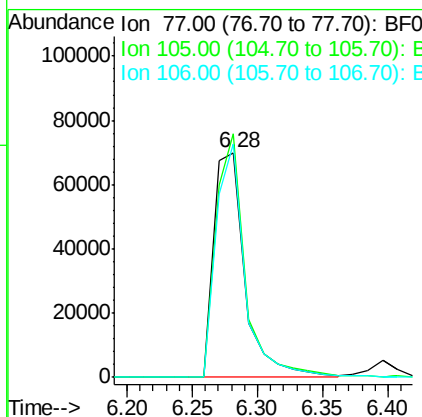
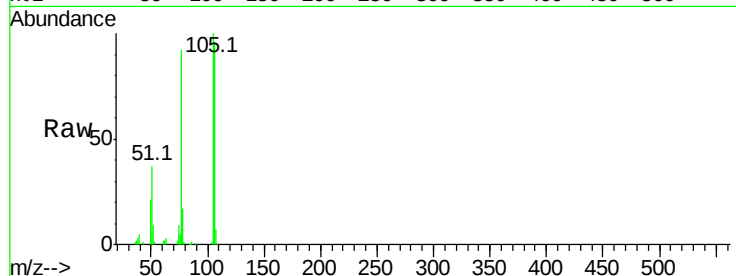
ClientSampleId :

AMBOY-SB-36(0.5-20.0)MSD

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Tot Ion	Ratio	Lower	Upper
77	100		
105	108.3	80.1	120.1
106	104.1	75.0	115.0



#10

Phenol

Concen: 36.92 ng

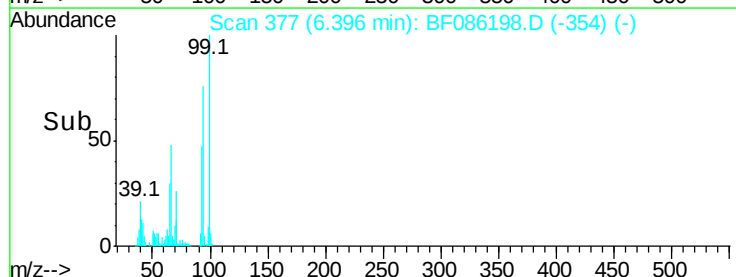
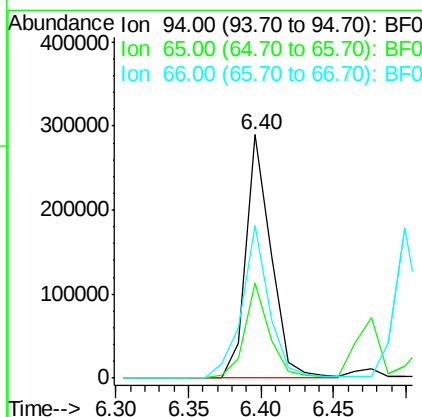
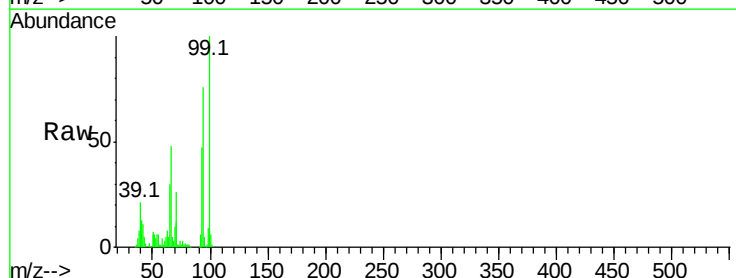
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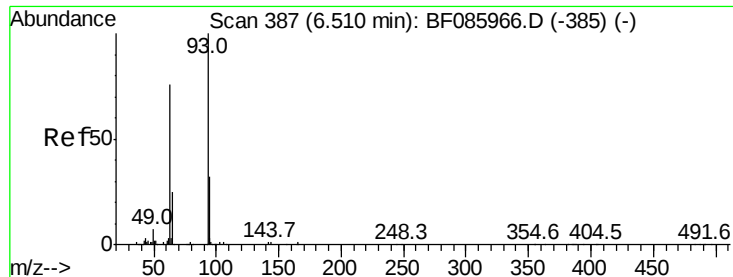
Delta R.T. -0.03 min

Lab File: BF086198.D

Acq: 9 Apr 2016 5:18

Tgt Ion	Ratio	Lower	Upper
94	100		
65	39.0	8.6	48.6
66	62.9	20.0	60.0





#11

bis(2-Chloroethyl)ether

Concen: 47.18 ng

RT: 6.48 min Scan# 384

Delta R.T. -0.03 min

Lab File: BF086198.D

Acq: 9 Apr 2016 5:18

Instrument :

BNA_F

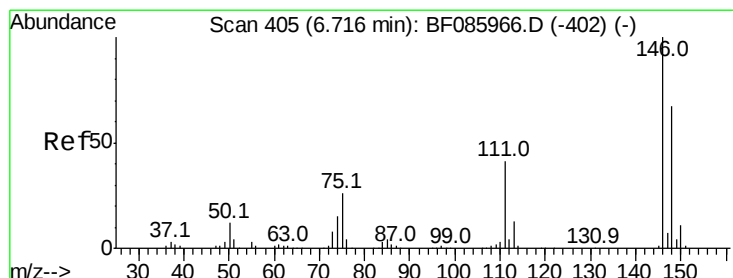
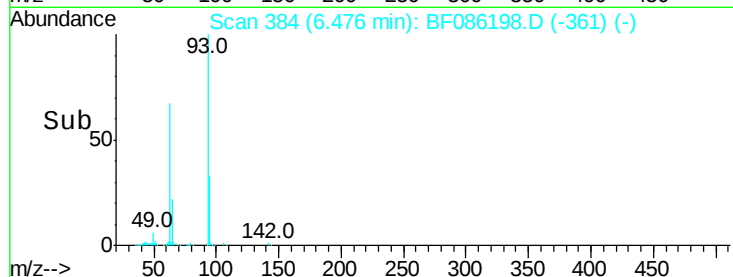
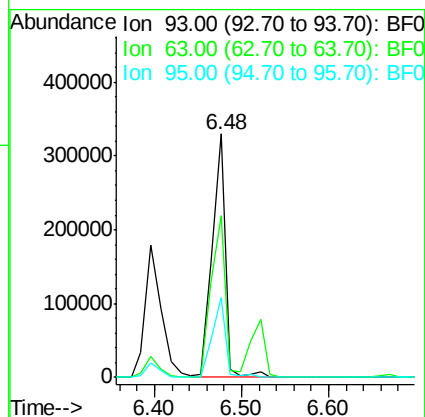
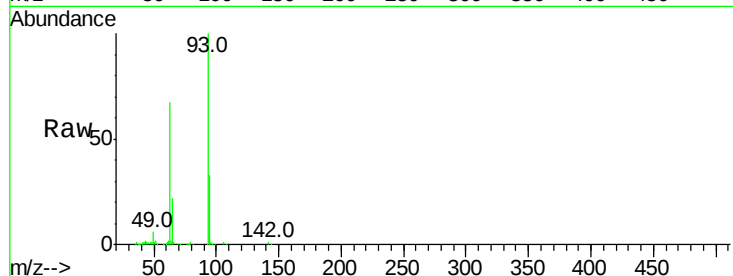
ClientSampleId :

AMBOY-SB-36(0.5-20.0)MSD

Tot Ion	Ratio	Resp	Lower	Upper
93	100			
63	66.6	50.9	90.9	
95	32.7	13.3	53.3	

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#12

1,3-Dichlorobenzene

Concen: 43.55 ng m

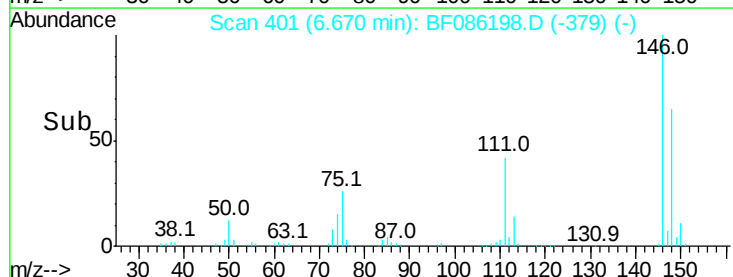
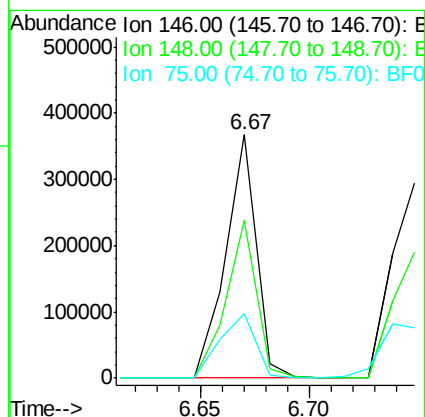
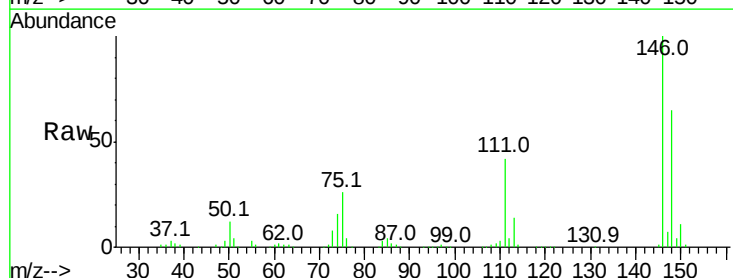
RT: 6.67 min Scan# 401

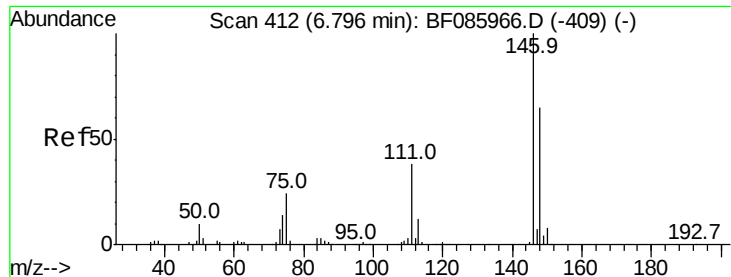
Delta R.T. -0.05 min

Lab File: BF086198.D

Acq: 9 Apr 2016 5:18

Tgt Ion	Ratio	Resp	Lower	Upper
146	100			
148	64.9	52.3	78.5	
75	26.4	17.4	26.2	





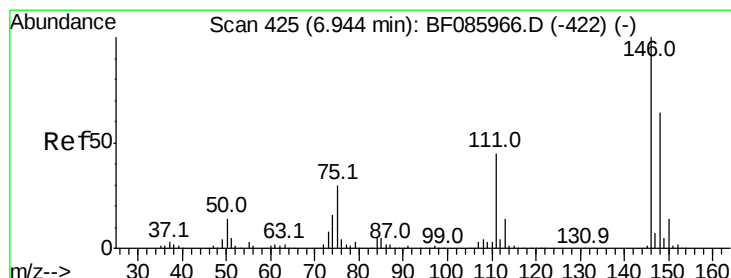
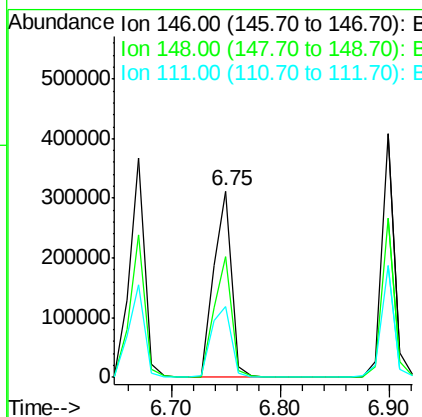
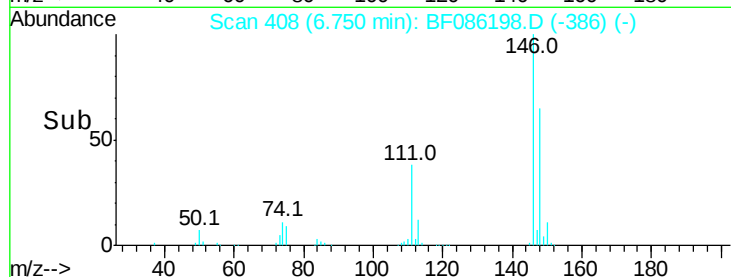
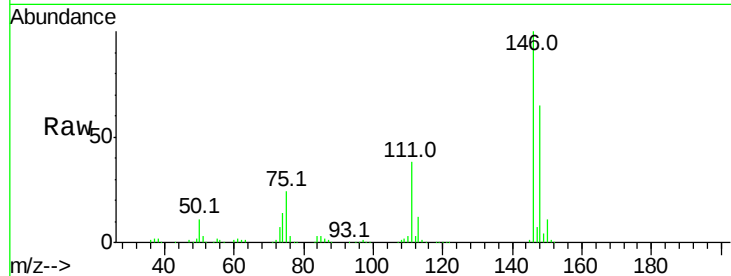
#13
 1,4-Dichlorobenzene
 Concen: 42.41 ng
 RT: 6.75 min Scan# 408
 Delta R.T. -0.05 min
 Lab File: BF086198.D
 Acq: 9 Apr 2016 5:18

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

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.6	50.6	76.0
111	38.2	37.8	56.6

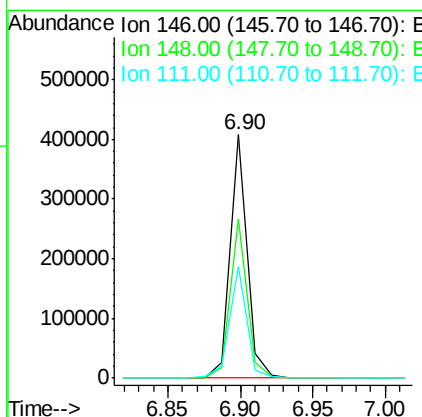
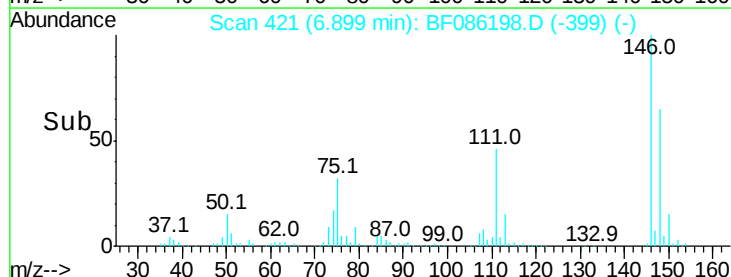
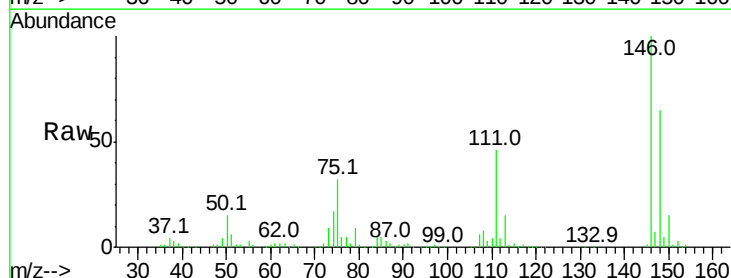
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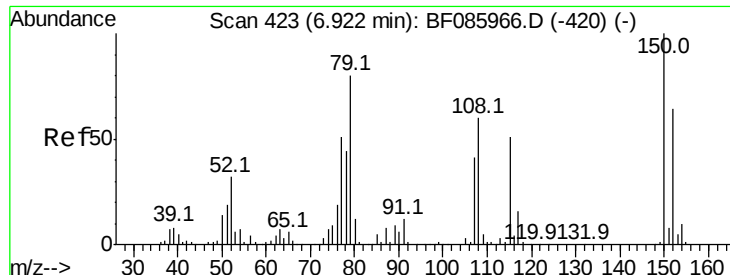
Sohil
 4/11/2016 5:45:30 PM



#14
 1,2-Dichlorobenzene
 Concen: 42.17 ng
 RT: 6.90 min Scan# 421
 Delta R.T. -0.05 min
 Lab File: BF086198.D
 Acq: 9 Apr 2016 5:18

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.2	51.4	77.2
111	46.1	34.6	52.0





#15

Benzyl Alcohol

Concen: 47.29 ng

RT: 6.89 min Scan# 420

Delta R.T. -0.03 min

Lab File: BF086198.D

Acq: 9 Apr 2016 5:18

Instrument :

BNA_F

ClientSampleId :

AMBOY-SB-36(0.5-20.0)MSD

Tot Ion: 79 Resp: 254088

Ion Ratio Lower Upper

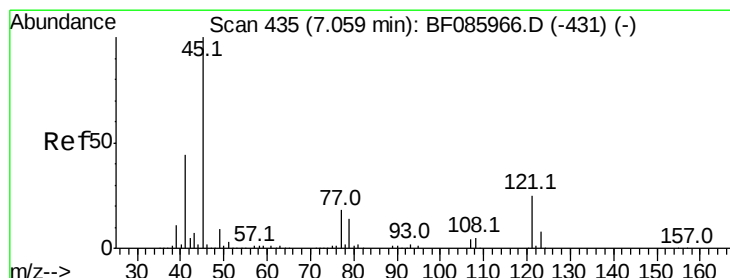
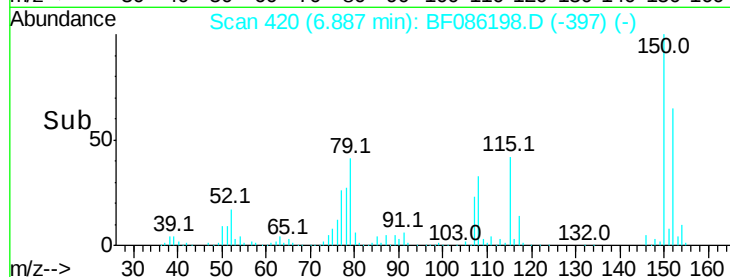
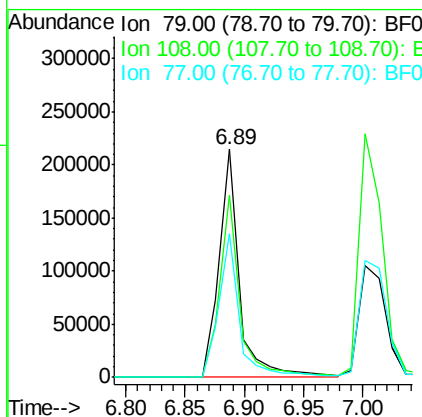
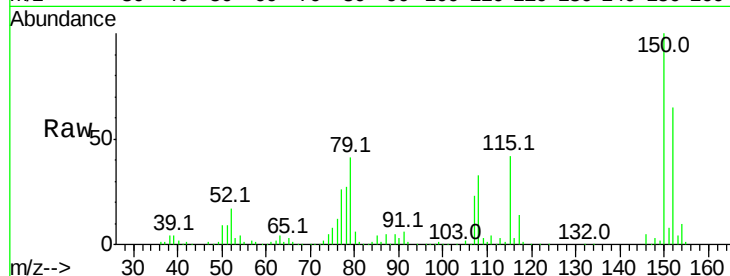
79 100

108 79.8 61.8 92.6

77 63.0 49.6 74.4

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 39.79 ng

RT: 7.01 min Scan# 431

Delta R.T. -0.05 min

Lab File: BF086198.D

Acq: 9 Apr 2016 5:18

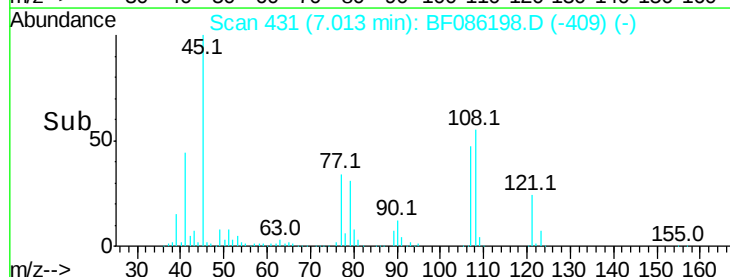
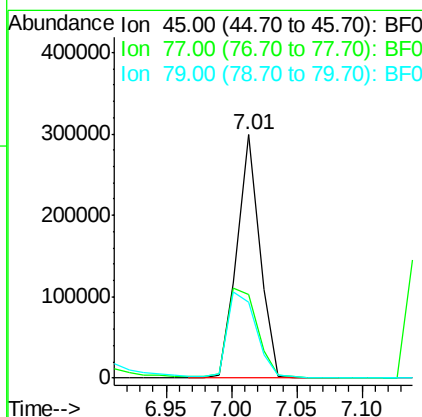
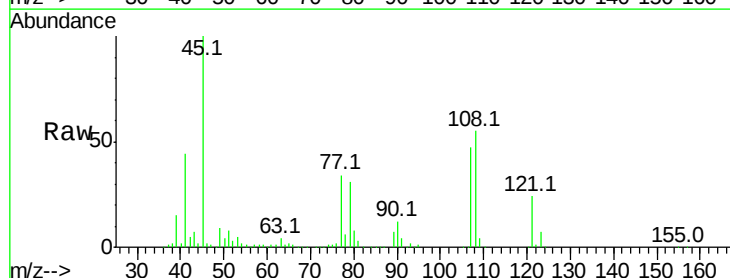
Tgt Ion: 45 Resp: 364652

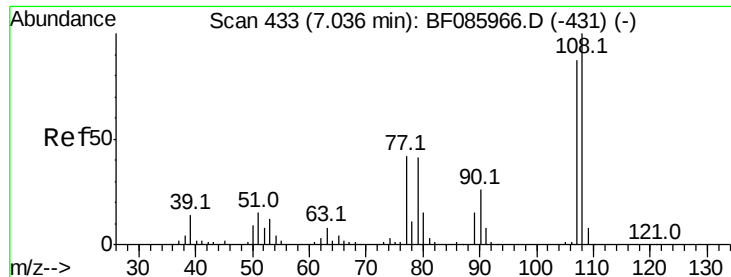
Ion Ratio Lower Upper

45 100

77 34.3 0.0 35.7

79 31.2 0.0 32.2





#17

2-Methylphenol

Concen: 43.14 ng

RT: 7.00 min Scan# 430

Delta R.T. -0.03 min

Lab File: BF086198.D

Acq: 9 Apr 2016 5:18

Instrument :

BNA_F

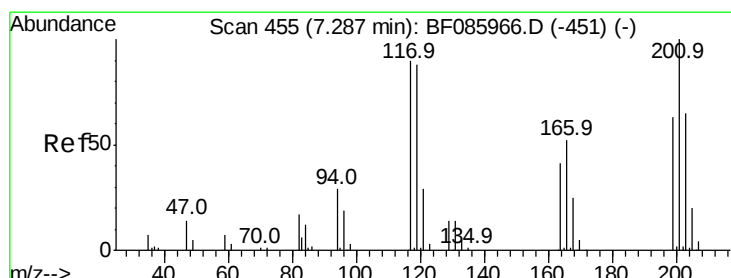
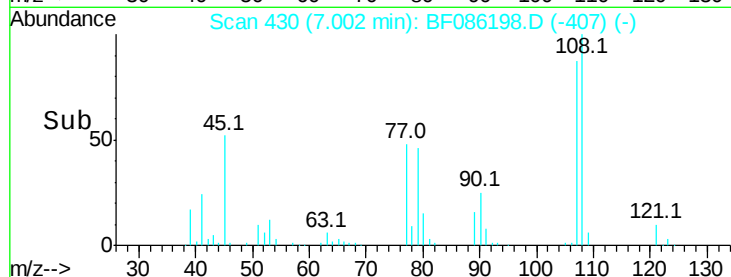
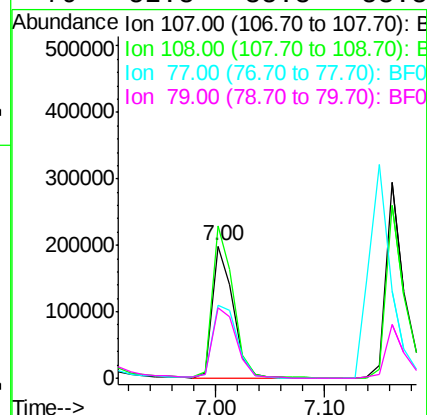
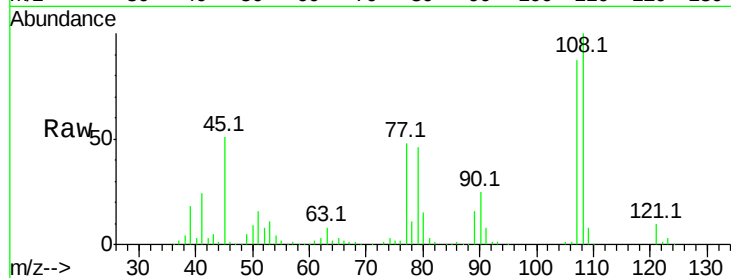
ClientSampleId :

AMBOY-SB-36(0.5-20.0)MSD

Tot Ion:	107	Resp:	265223
Ion Ratio	Lower	Upper	
107	100		
108	115.0	91.4	137.0
77	55.4	36.2	54.2#
79	52.8	35.8	53.8

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#18

Hexachloroethane

Concen: 35.34 ng

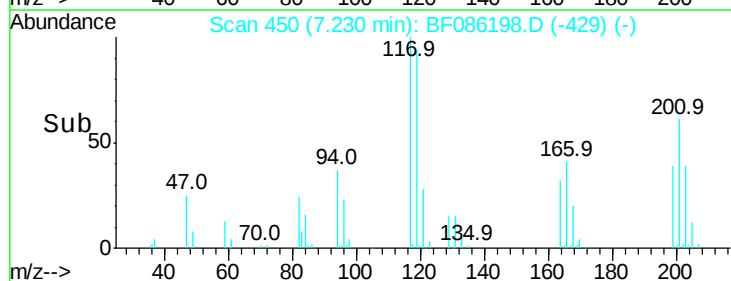
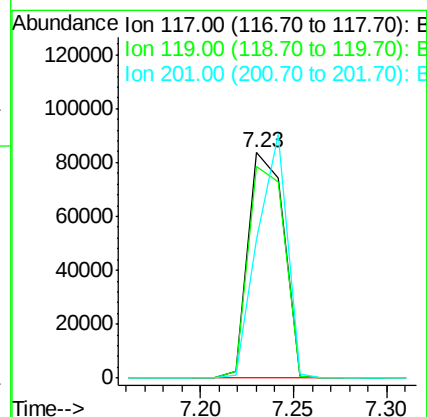
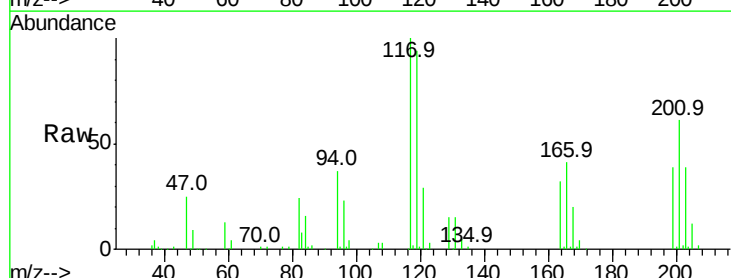
RT: 7.23 min Scan# 450

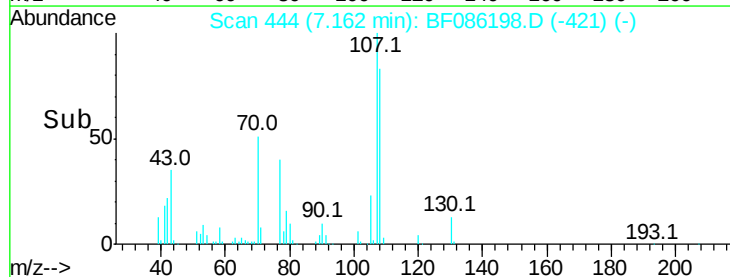
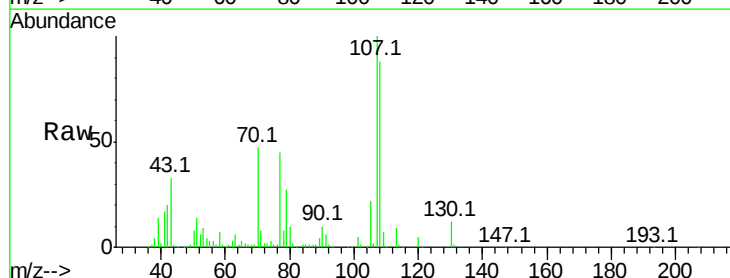
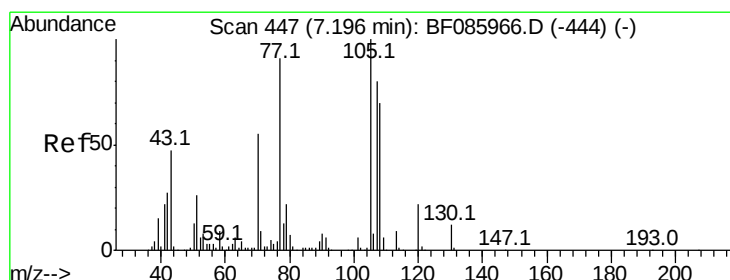
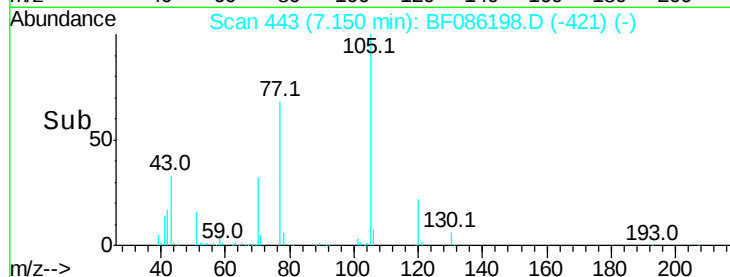
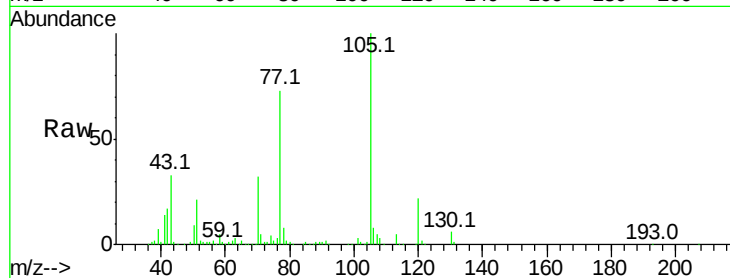
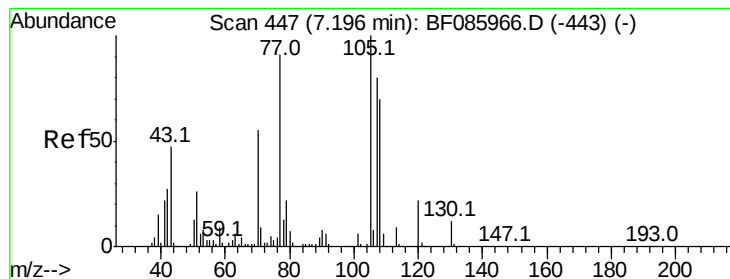
Delta R.T. -0.06 min

Lab File: BF086198.D

Acq: 9 Apr 2016 5:18

Tgt Ion:	117	Resp:	110667
Ion Ratio	Lower	Upper	
117	100		
119	94.0	76.7	115.1
201	61.2	83.3	124.9#





#19

n-Nitroso-di-n-propylamine

Concen: 44.40 ng

RT: 7.15 min Scan# 443

Delta R.T. -0.05 min

Lab File: BF086198.D

Acq: 9 Apr 2016 5:18

Instrument :

BNA_F

ClientSampleId :

AMBOY-SB-36(0.5-20.0)MSD

Tot Ion: 70 Resp: 228590

Ion Ratio Lower Upper

70 100

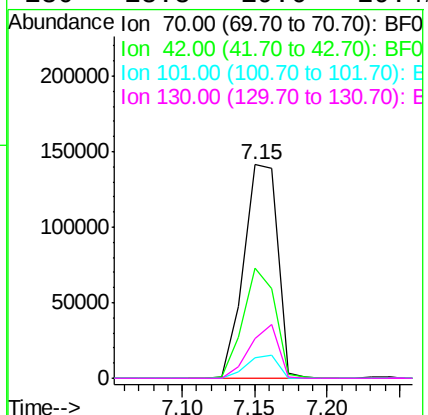
42 51.7 37.1 55.7

101 9.4 8.6 12.8

130 18.8 19.6 29.4#

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#20

3+4-Methylphenols

Concen: 46.97 ng

RT: 7.16 min Scan# 444

Delta R.T. -0.03 min

Lab File: BF086198.D

Acq: 9 Apr 2016 5:18

Tgt Ion:107 Resp: 351224

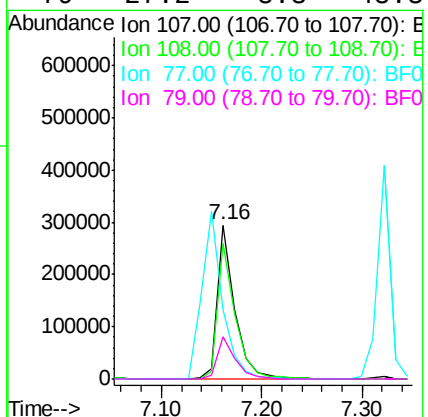
Ion Ratio Lower Upper

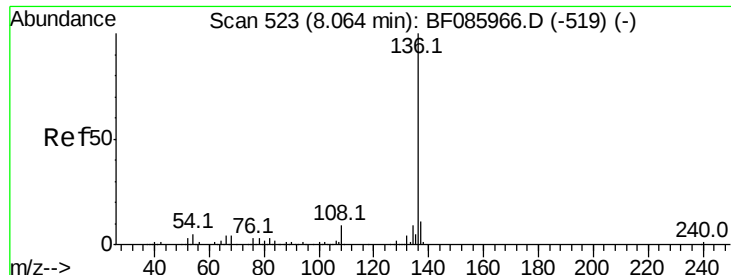
107 100

108 88.1 69.3 109.3

77 44.7 101.7 141.7#

79 27.2 8.3 48.3





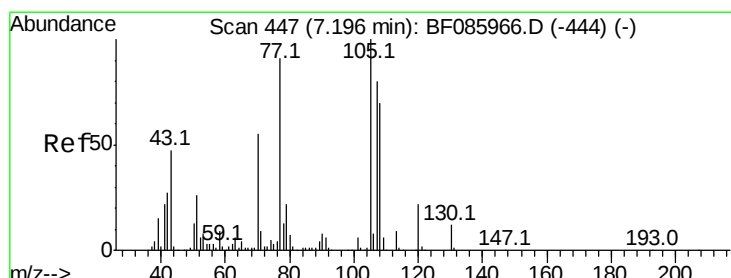
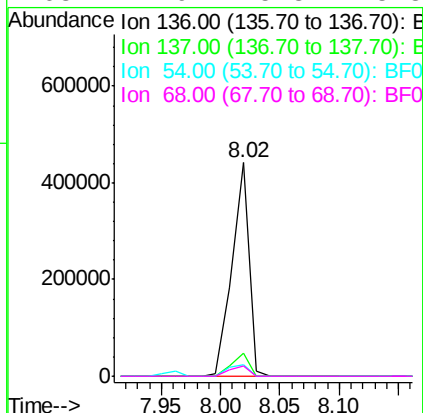
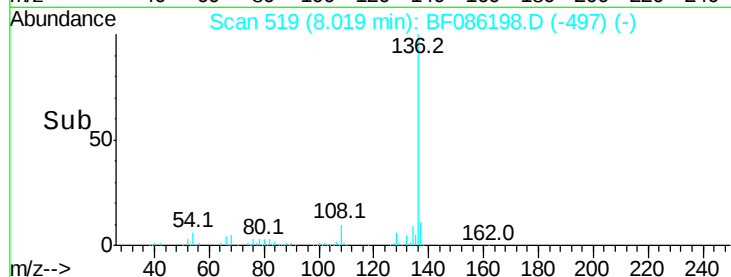
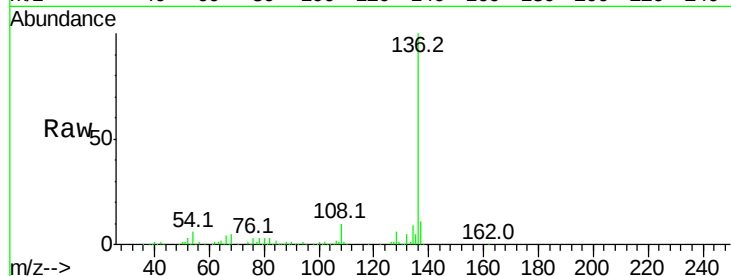
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.02 min Scan# 519
Delta R.T. -0.05 min
Lab File: BF086198.D
Acq: 9 Apr 2016 5:18

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

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	10.7	9.1	13.7	
54	5.6	7.4	11.0	
68	4.9	5.8	8.8	

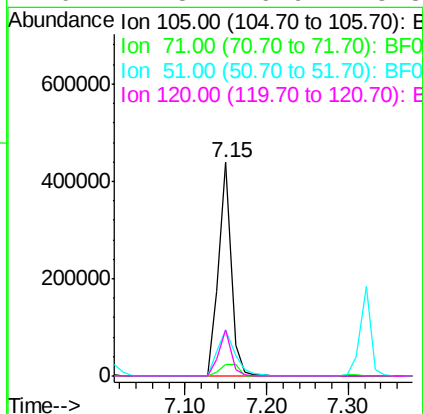
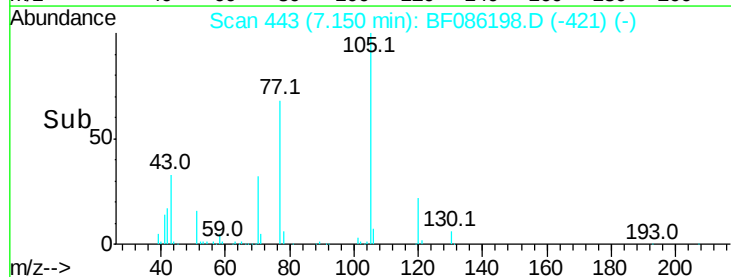
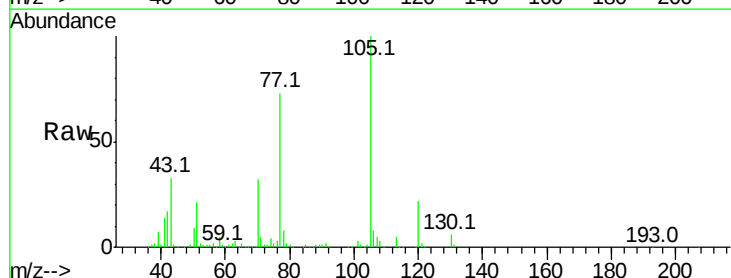
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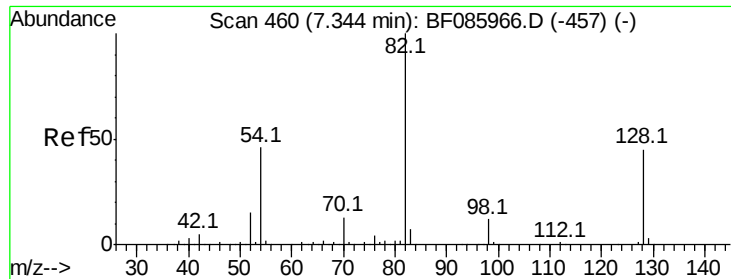
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#22
Acetophenone
Concen: 45.70 ng
RT: 7.15 min Scan# 443
Delta R.T. -0.05 min
Lab File: BF086198.D
Acq: 9 Apr 2016 5:18

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	5.3	3.6	5.4	
51	21.4	25.4	38.0	
120	21.8	16.9	25.3	





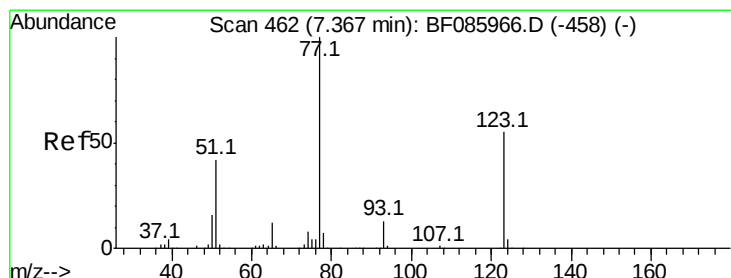
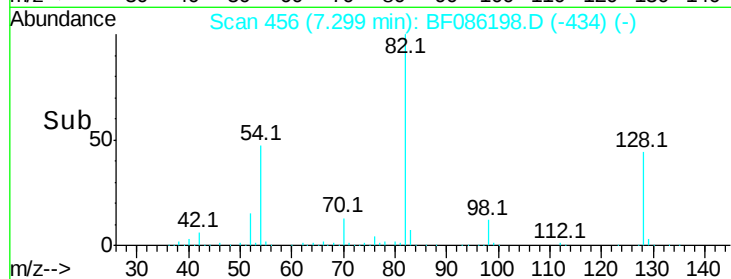
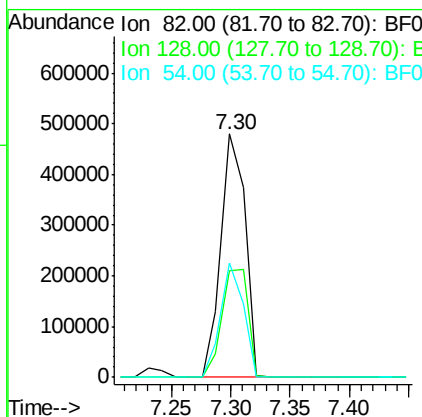
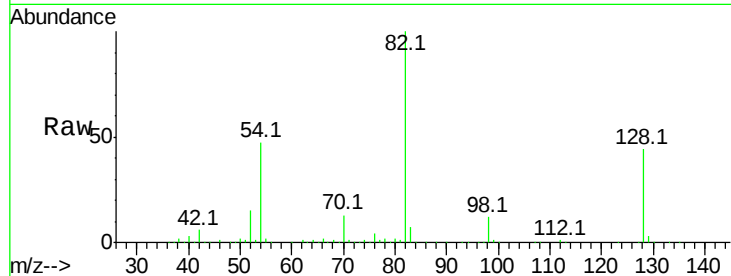
#23
 Nitrobenzene-d5
 Concen: 90.99 ng
 RT: 7.30 min Scan# 456
 Delta R.T. -0.05 min
 Lab File: BF086198.D
 Acq: 9 Apr 2016 5:18

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

Tot Ion	Ratio	Lower	Upper
82	100		
128	44.1	41.8	62.8
54	47.0	33.4	50.0

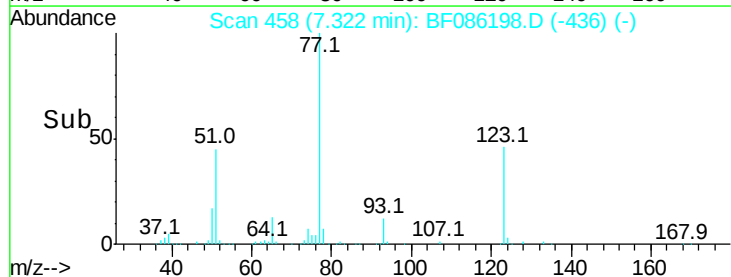
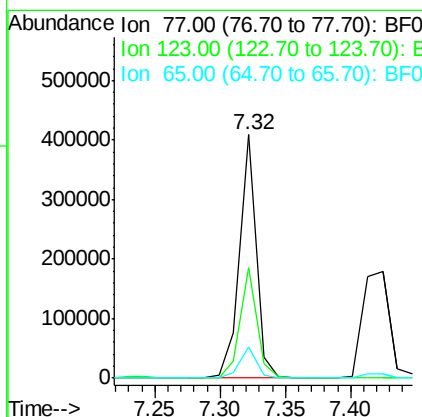
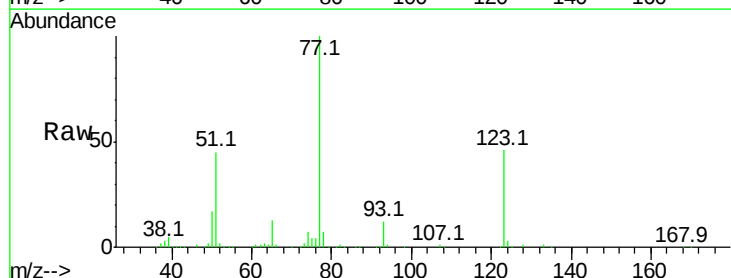
Manual Integrations
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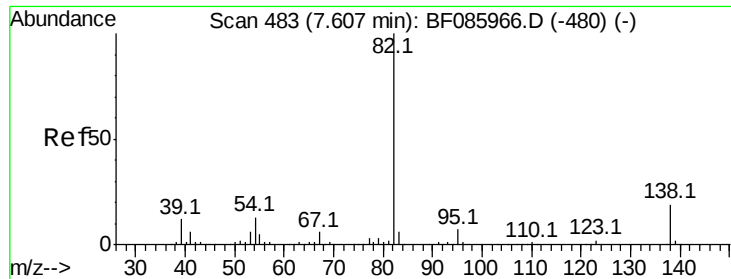
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 4/11/2016 5:45:30 PM



#24
 Nitrobenzene
 Concen: 44.34 ng
 RT: 7.32 min Scan# 458
 Delta R.T. -0.05 min
 Lab File: BF086198.D
 Acq: 9 Apr 2016 5:18

Tgt Ion	Ratio	Lower	Upper
77	100		
123	45.6	35.0	52.4
65	12.8	10.6	16.0





#25

Isophorone

Concen: 44.56 ng

RT: 7.56 min Scan# 479

Delta R.T. -0.05 min

Lab File: BF086198.D

Acq: 9 Apr 2016 5:18

Instrument :

BNA_F

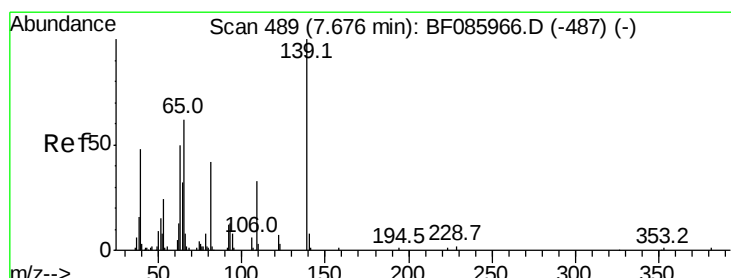
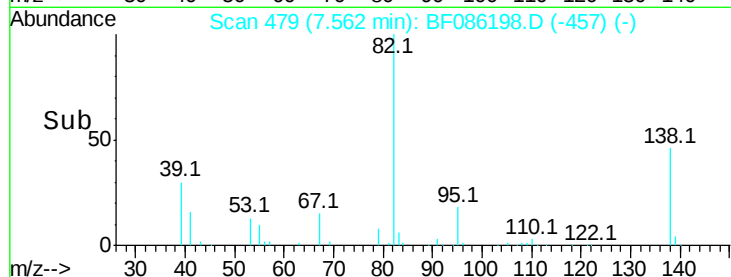
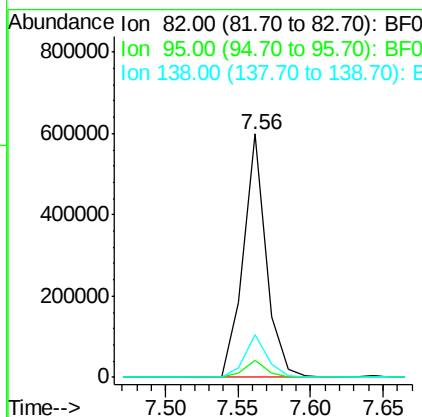
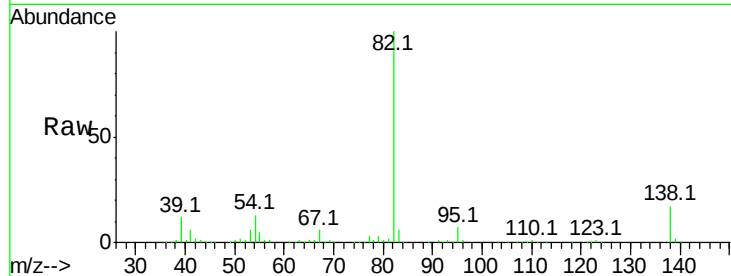
ClientSampleId :

AMBOY-SB-36(0.5-20.0)MSD

Tot Ion:	82	Resp:	657931
Ion Ratio	Lower	Upper	
82	100		
95	6.9	5.4	8.2
138	17.3	12.9	19.3

Manual Integrations
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#26

2-Nitrophenol

Concen: 39.79 ng

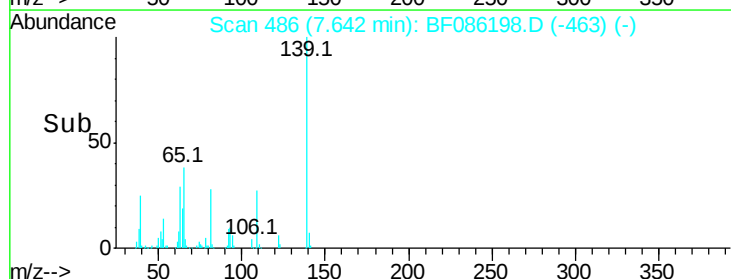
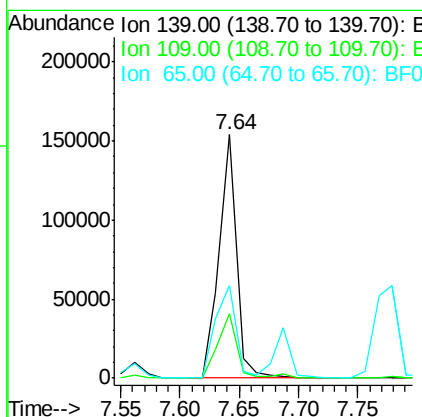
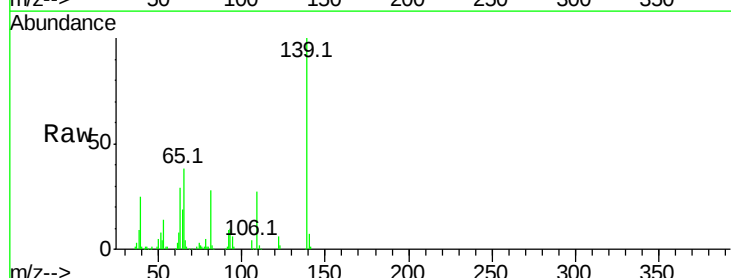
RT: 7.64 min Scan# 486

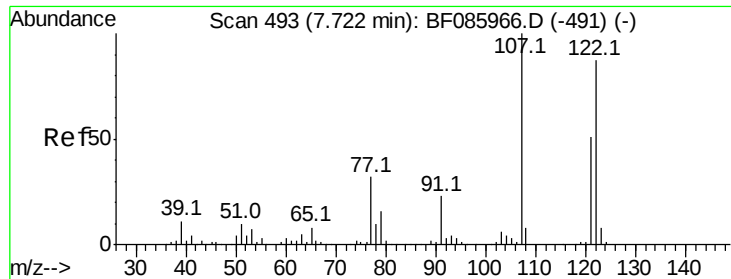
Delta R.T. -0.03 min

Lab File: BF086198.D

Acq: 9 Apr 2016 5:18

Tgt Ion:	139	Resp:	155801
Ion Ratio	Lower	Upper	
139	100		
109	26.6	22.1	33.1
65	38.1	33.9	50.9





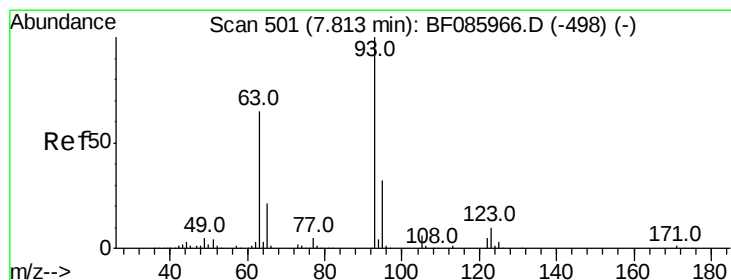
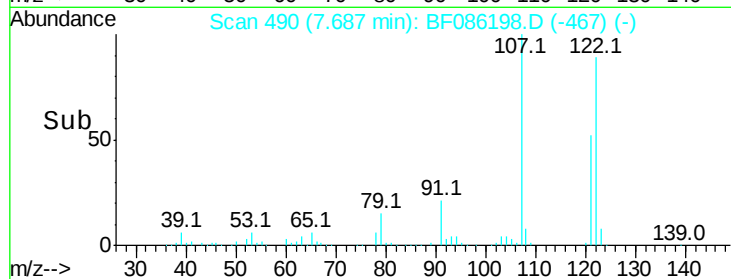
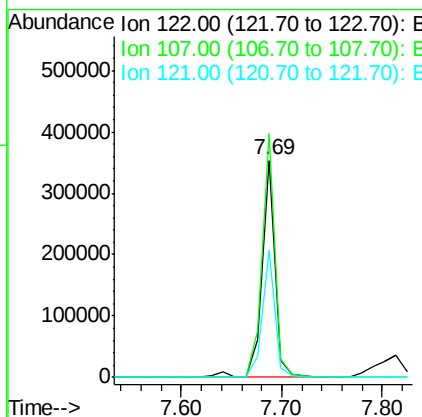
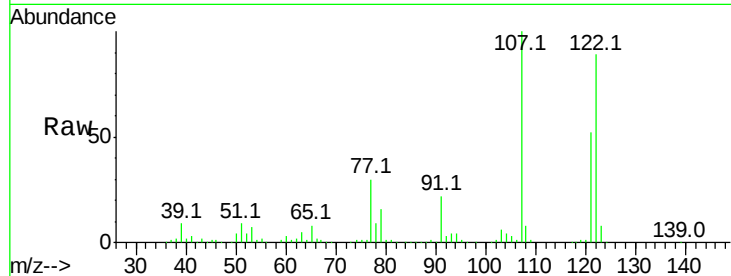
#27
 2,4-Dimethylphenol
 Concen: 45.72 ng
 RT: 7.69 min Scan# 490
 Delta R.T. -0.03 min
 Lab File: BF086198.D
 Acq: 9 Apr 2016 5:18

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

Tot Ion	Ratio	Resp	Lower	Upper
122	100	321511		
107	112.3	93.0	139.6	
121	58.9	45.9	68.9	

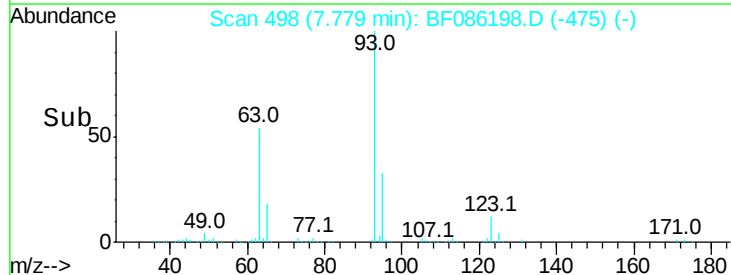
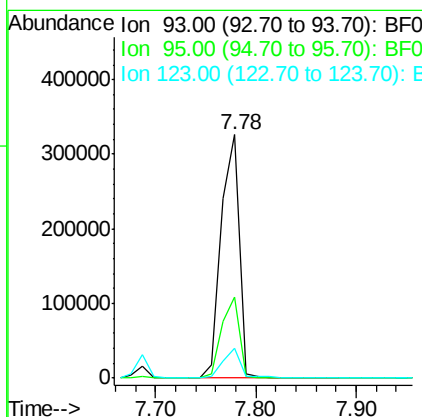
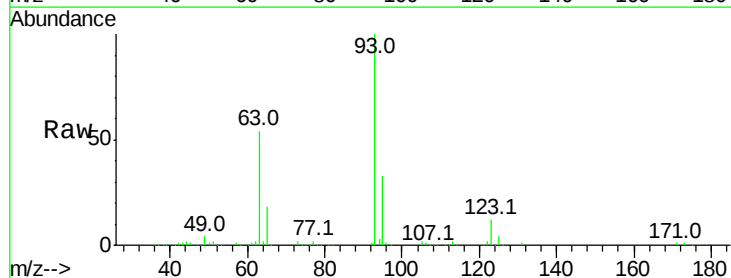
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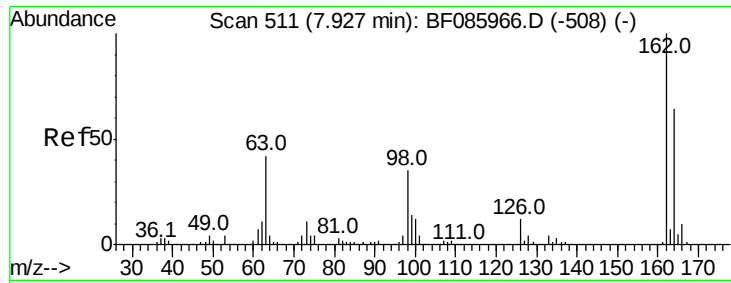
Sohil
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#28
 bis(2-Chloroethoxy)methane
 Concen: 47.11 ng
 RT: 7.78 min Scan# 498
 Delta R.T. -0.03 min
 Lab File: BF086198.D
 Acq: 9 Apr 2016 5:18

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	408158		
95	33.2	26.4	39.6	
123	12.0	9.8	14.6	





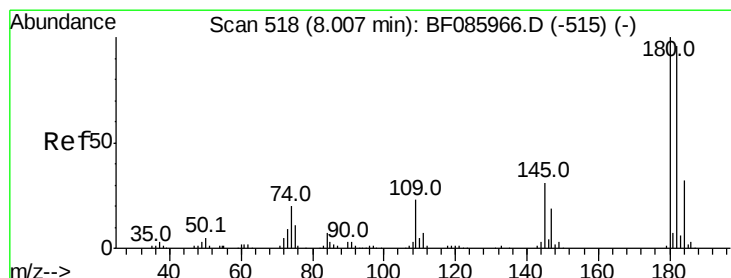
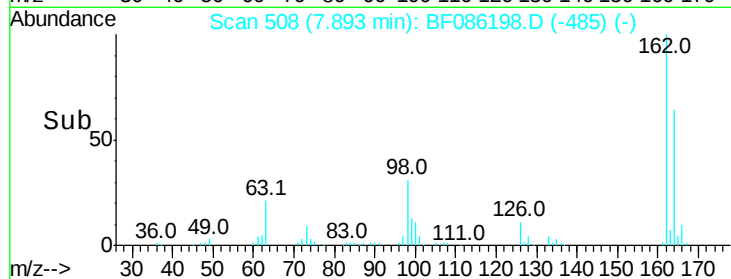
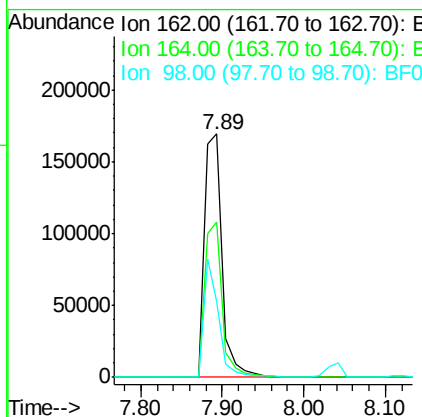
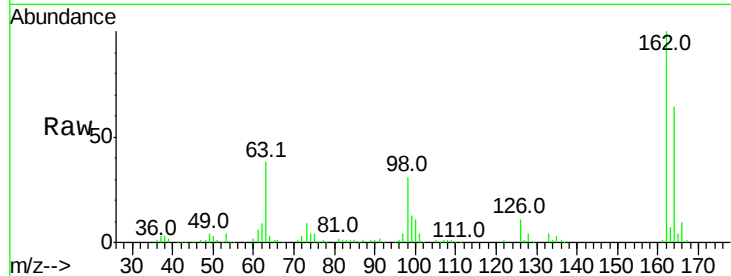
#29
 2,4-Dichlorophenol
 Concen: 43.82 ng
 RT: 7.89 min Scan# 508
 Delta R.T. -0.03 min
 Lab File: BF086198.D
 Acq: 9 Apr 2016 5:18

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

Tot Ion	Ratio	Resp	Lower	Upper
162	100	260515		
164	63.8	43.7	83.7	
98	31.2	20.4	60.4	

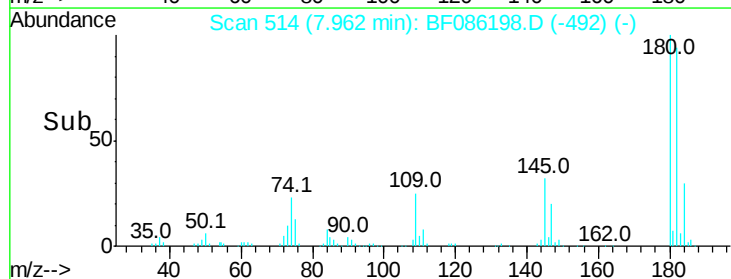
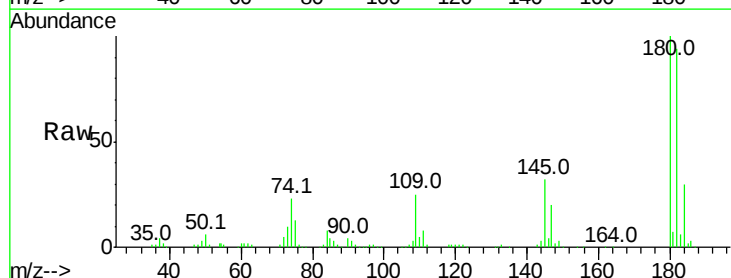
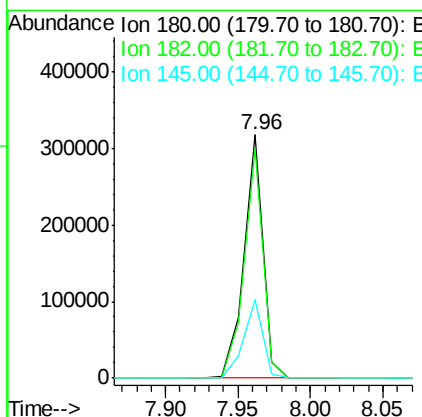
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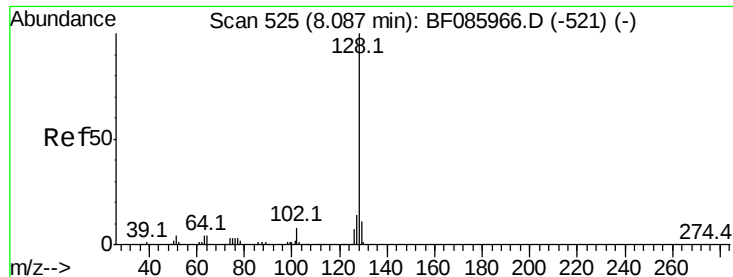
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#30
 1,2,4-Trichlorobenzene
 Concen: 43.18 ng
 RT: 7.96 min Scan# 514
 Delta R.T. -0.05 min
 Lab File: BF086198.D
 Acq: 9 Apr 2016 5:18

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	288169		
182	94.3	73.8	110.8	
145	32.4	28.4	42.6	





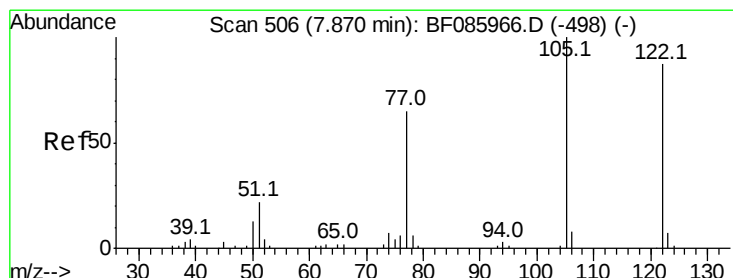
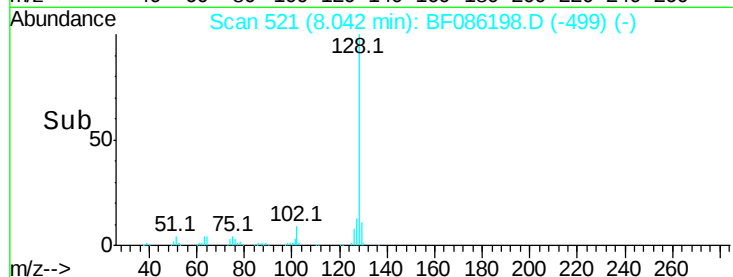
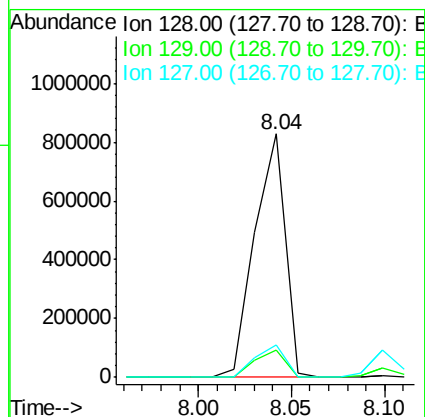
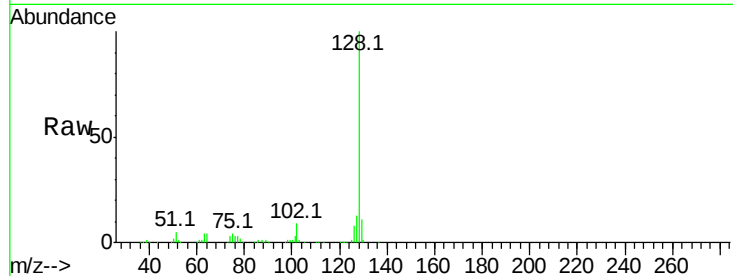
#31
Naphthalene
Concen: 42.30 ng
RT: 8.04 min Scan# 521
Delta R.T. -0.05 min
Lab File: BF086198.D
Acq: 9 Apr 2016 5:18

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

Tot Ion:	128	Resp:	938639
Ion Ratio	Lower	Upper	
128	100		
129	11.1	9.4	14.0
127	13.5	11.0	16.6

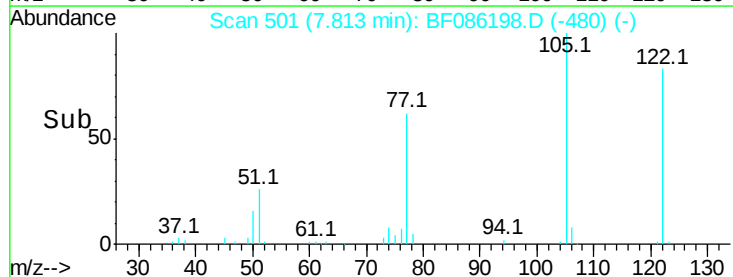
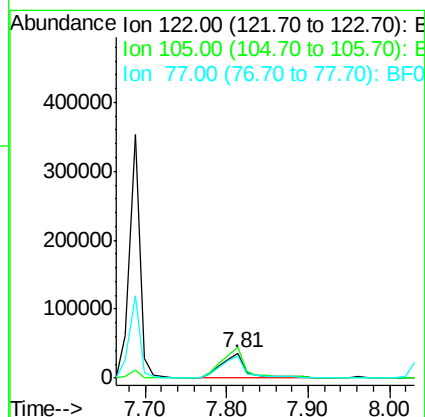
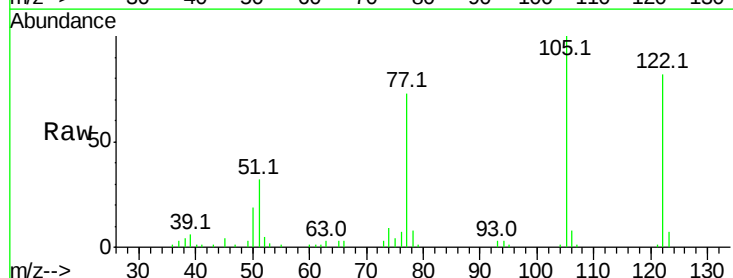
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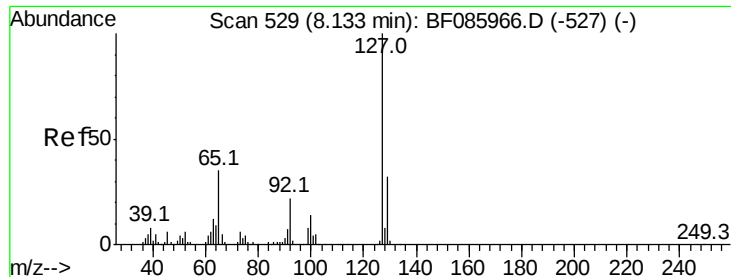
Sohil
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#32
Benzoic acid
Concen: 14.31 ng
RT: 7.81 min Scan# 501
Delta R.T. -0.06 min
Lab File: BF086198.D
Acq: 9 Apr 2016 5:18

Tgt Ion:	122	Resp:	73840
Ion Ratio	Lower	Upper	
122	100		
105	122.1	102.9	142.9
77	89.2	71.8	111.8





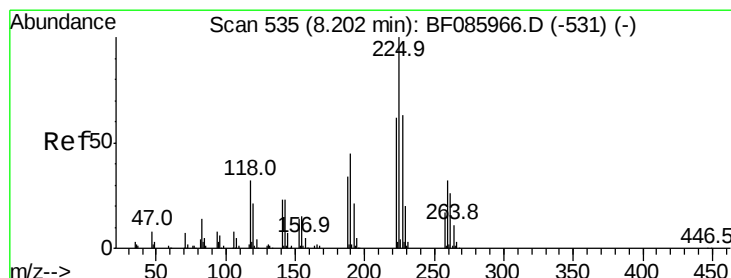
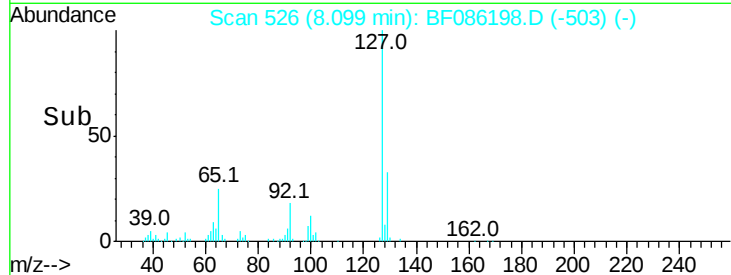
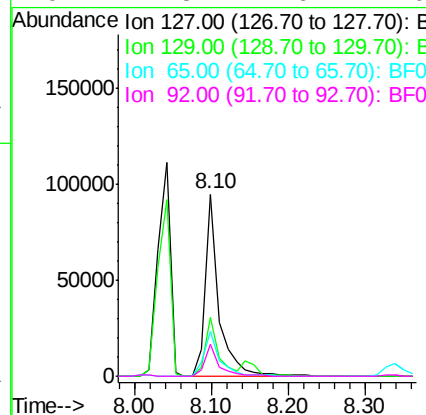
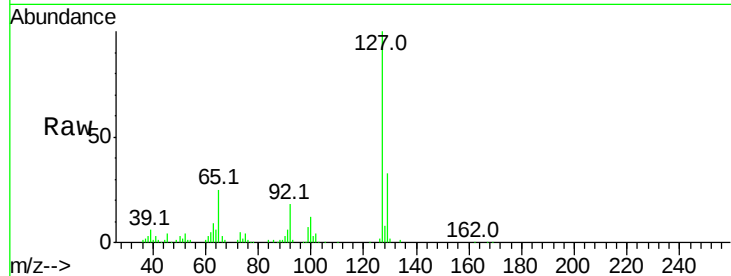
#33
4-Chloroaniline
Concen: 12.95 ng
RT: 8.10 min Scan# 526
Delta R.T. -0.03 min
Lab File: BF086198.D
Acq: 9 Apr 2016 5:18

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

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	32.5	26.1	39.1		
65	24.9	19.5	29.3		
92	17.8	14.6	22.0		

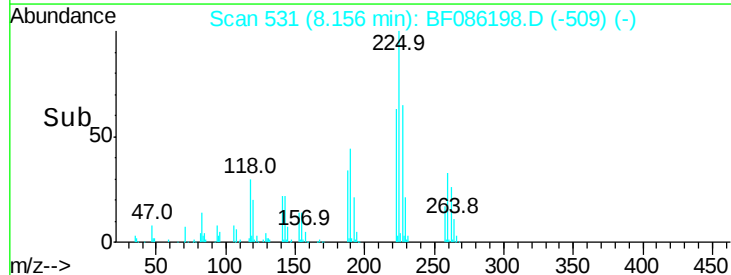
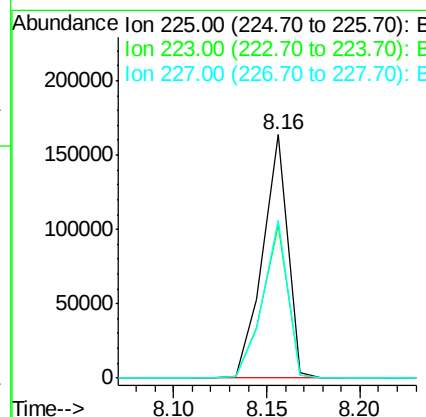
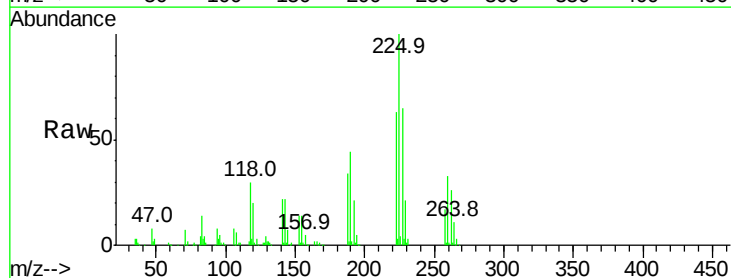
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#34
Hexachlorobutadiene
Concen: 42.37 ng
RT: 8.16 min Scan# 531
Delta R.T. -0.05 min
Lab File: BF086198.D
Acq: 9 Apr 2016 5:18

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	62.9	50.4	75.6		
227	65.0	51.4	77.2		





#35

Caprolactam

Concen: 44.56 ng

RT: 8.48 min Scan# 559

Delta R.T. -0.03 min

Lab File: BF086198.D

Acq: 9 Apr 2016 5:18

Instrument :

BNA_F

ClientSampleId :

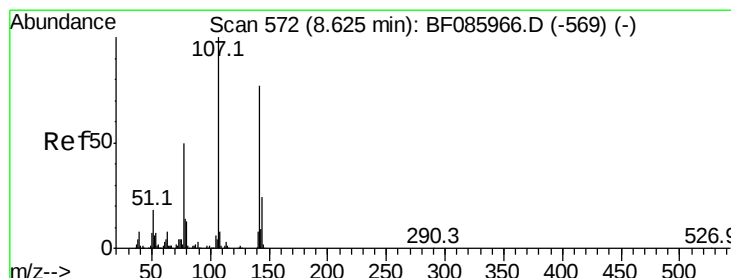
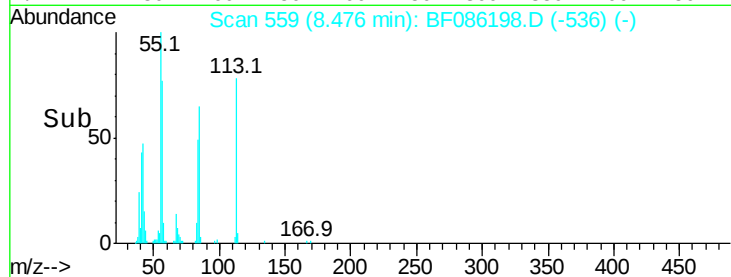
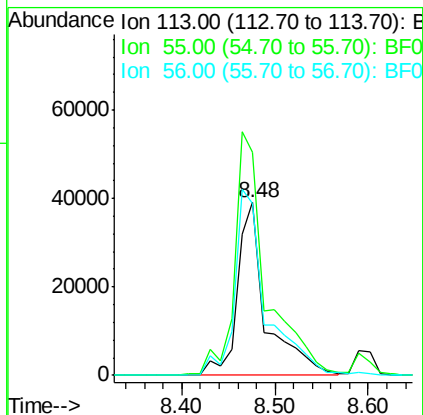
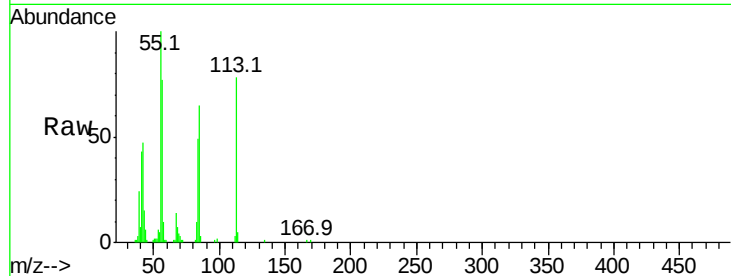
AMBOY-SB-36(0.5-20.0)MSD

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Tot Ion:	113	Resp:	84042
Ion Ratio	Lower	Upper	
113	100		
55	128.7	139.4	179.4#
56	99.6	100.4	140.4#



#36

4-Chloro-3-methylphenol

Concen: 41.21 ng

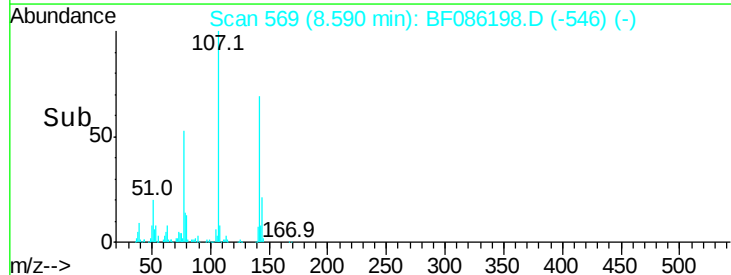
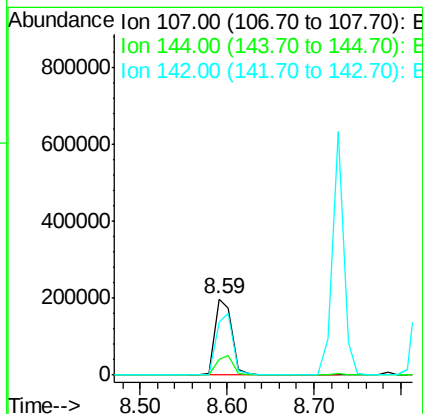
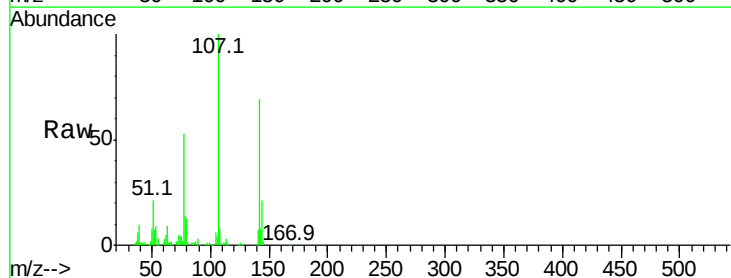
RT: 8.59 min Scan# 569

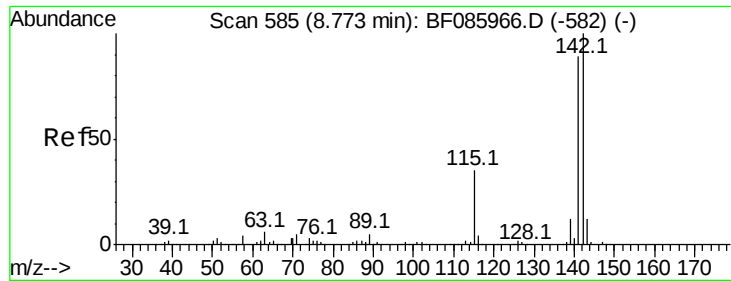
Delta R.T. -0.03 min

Lab File: BF086198.D

Acq: 9 Apr 2016 5:18

Tgt Ion:	107	Resp:	275441
Ion Ratio	Lower	Upper	
107	100		
144	21.4	19.3	28.9
142	68.8	61.4	92.0





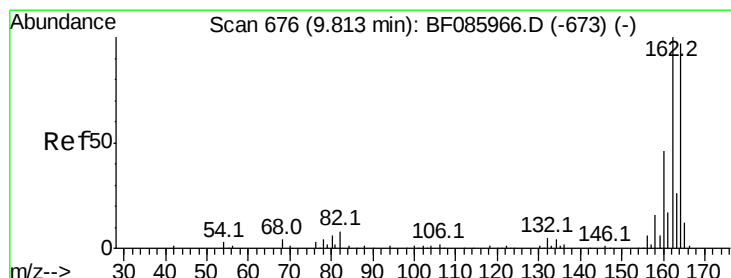
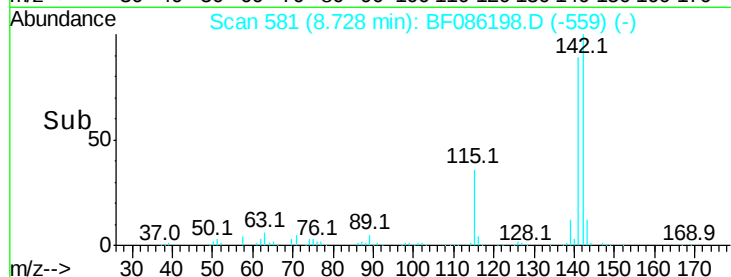
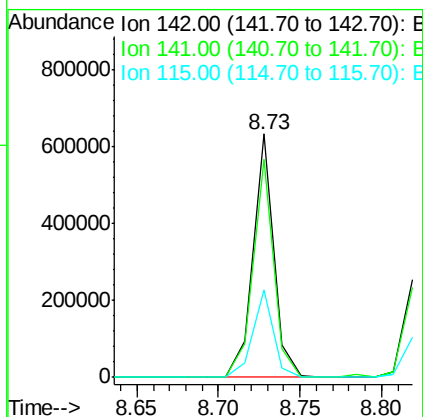
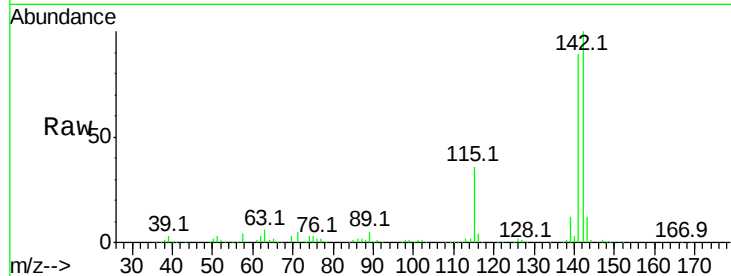
#37
 2-Methylnaphthalene
 Concen: 38.63 ng
 RT: 8.73 min Scan# 581
 Delta R.T. -0.05 min
 Lab File: BF086198.D
 Acq: 9 Apr 2016 5:18

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

Tot Ion	Ratio	Resp	Lower	Upper
142	100	559914		
141	89.3		71.6	107.4
115	36.2		26.8	40.2

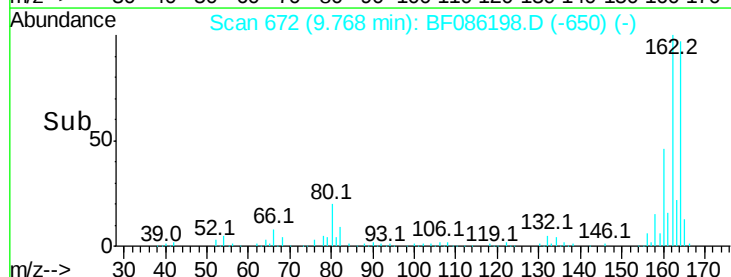
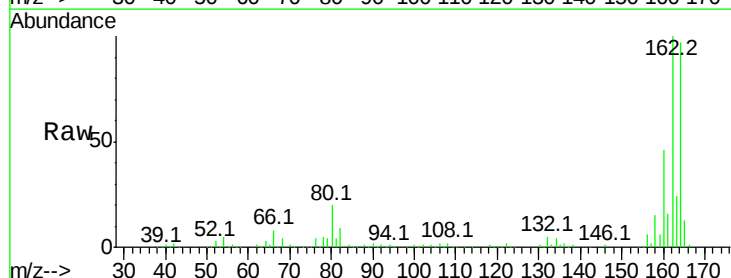
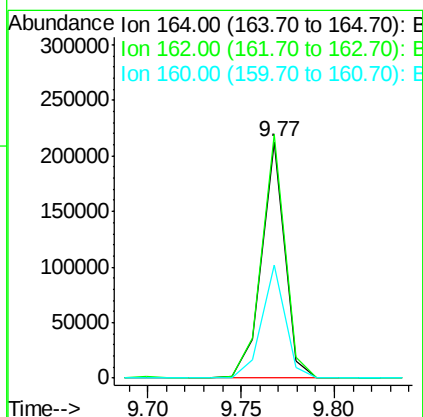
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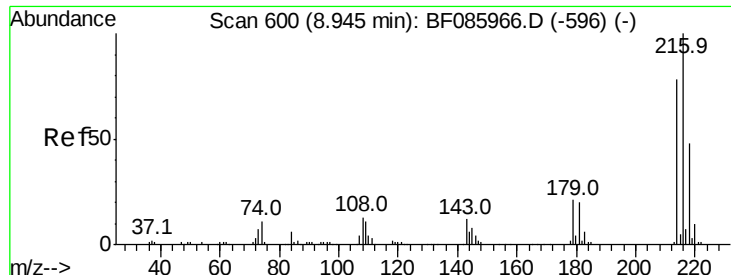
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#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.77 min Scan# 672
 Delta R.T. -0.05 min
 Lab File: BF086198.D
 Acq: 9 Apr 2016 5:18

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	181491		
162	102.9		82.1	123.1
160	47.5		37.4	56.2





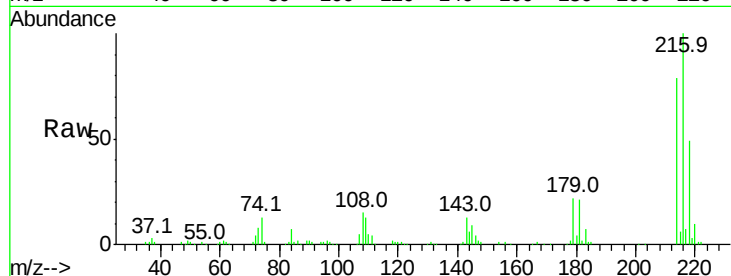
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 46.04 ng
 RT: 8.90 min Scan# 596
 Delta R.T. -0.05 min
 Lab File: BF086198.D
 Acq: 9 Apr 2016 5:18

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

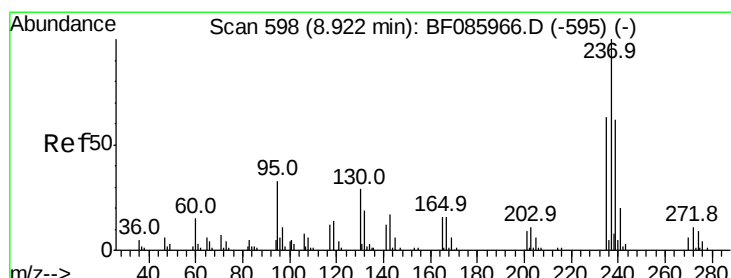
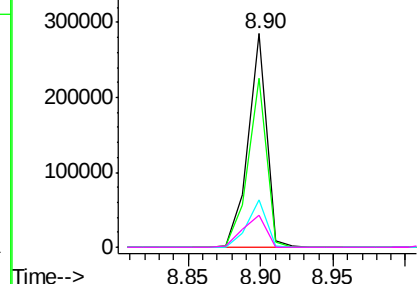
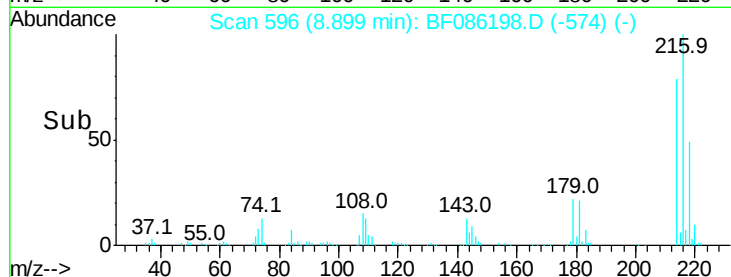
Tot Ion	Ratio	Resp	Lower	Upper
216	100	251128		
214	79.4	63.1	94.7	
179	23.2	18.2	27.2	
108	19.5	17.3	25.9	

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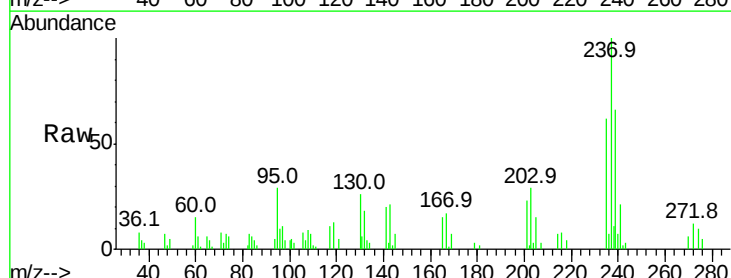


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

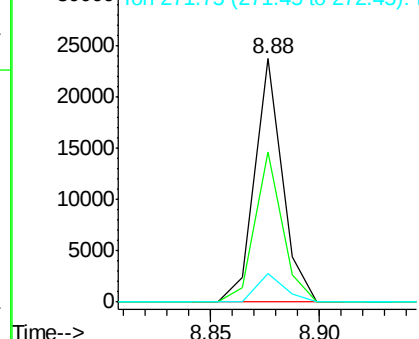
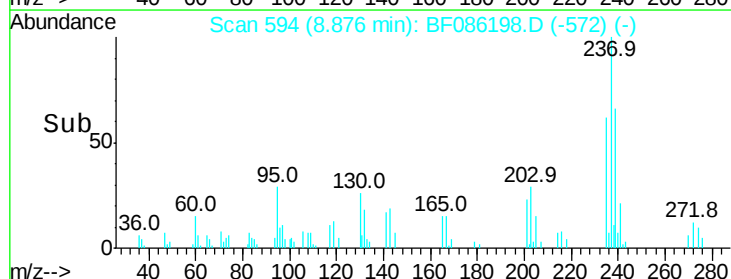


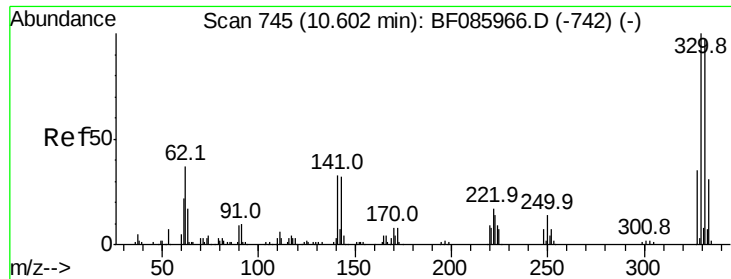
#40
 Hexachlorocyclopentadiene
 Concen: 18.79 ng
 RT: 8.88 min Scan# 594
 Delta R.T. -0.04 min
 Lab File: BF086198.D
 Acq: 9 Apr 2016 5:18

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	20989		
235	61.8	43.7	83.7	
272	11.9	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





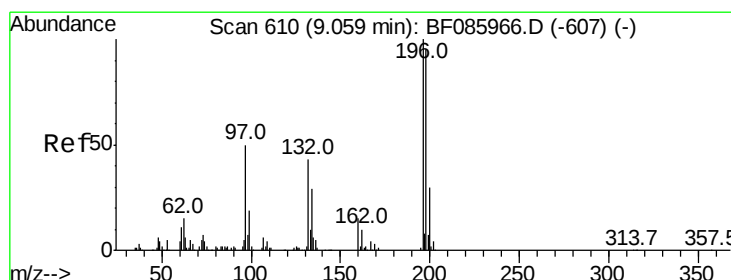
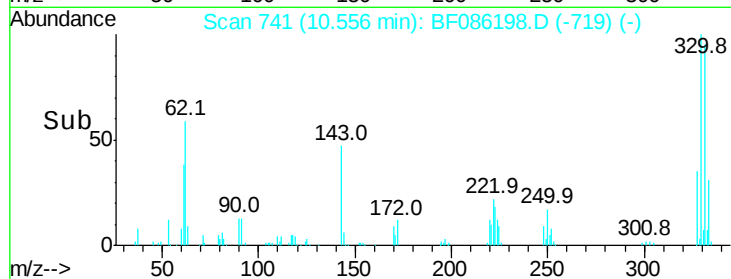
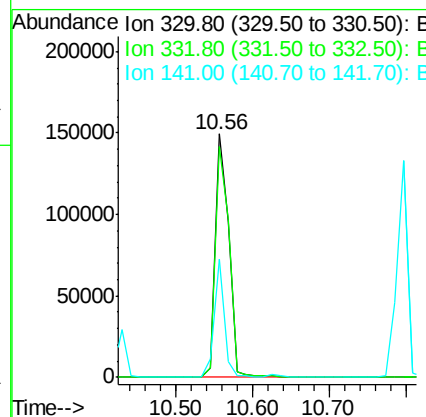
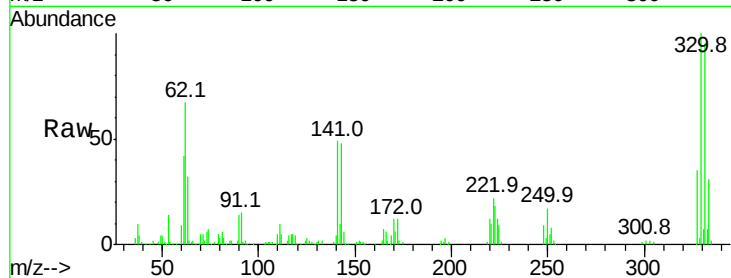
#41
 2,4,6-Tribromophenol
 Concen: 104.85 ng
 RT: 10.56 min Scan# 741
 Delta R.T. -0.05 min
 Lab File: BF086198.D
 Acq: 9 Apr 2016 5:18

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

Tot Ion	Ratio	Resp	Lower	Upper
330	100	178606		
332	97.5	78.2	117.2	
141	37.2	31.5	47.3	

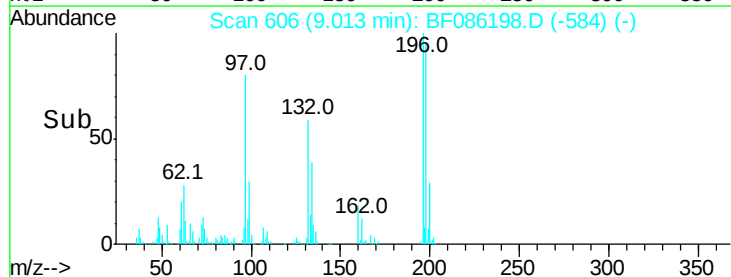
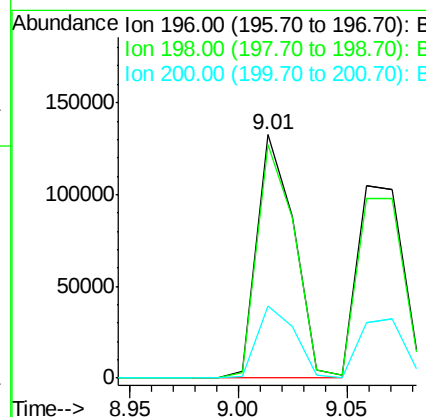
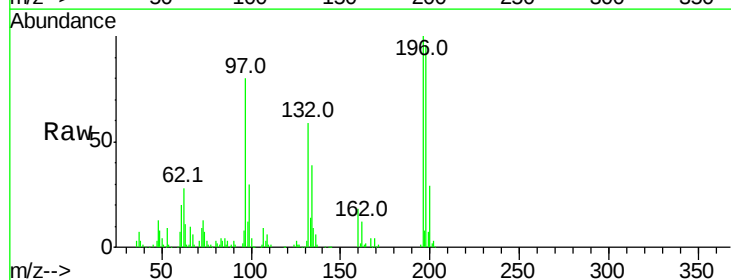
Manual Integrations
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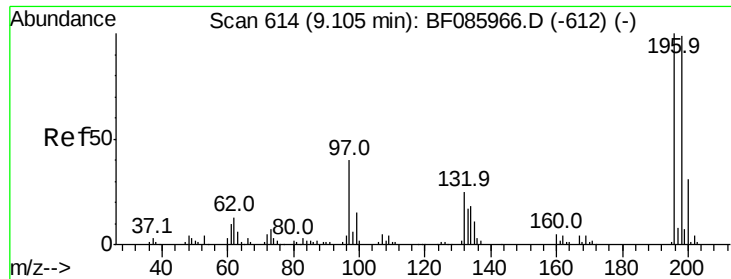
Sohil
 4/11/2016 5:45:30 PM



#42
 2,4,6-Trichlorophenol
 Concen: 45.18 ng
 RT: 9.01 min Scan# 606
 Delta R.T. -0.05 min
 Lab File: BF086198.D
 Acq: 9 Apr 2016 5:18

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	158274		
198	96.0	75.3	112.9	
200	29.4	23.7	35.5	





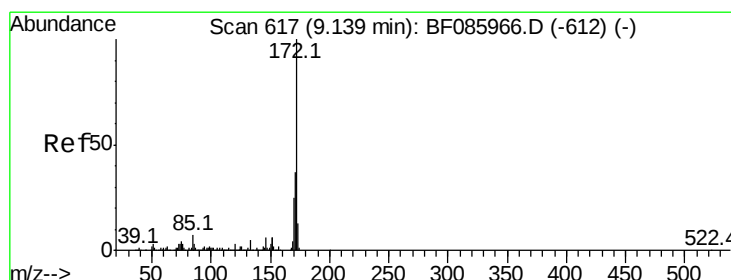
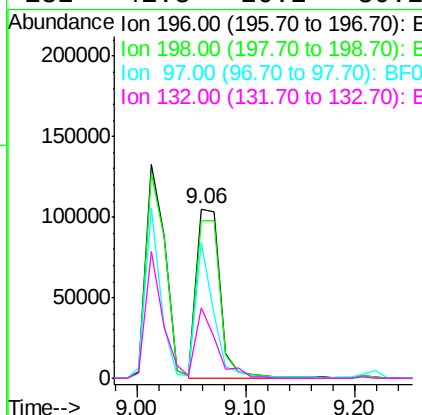
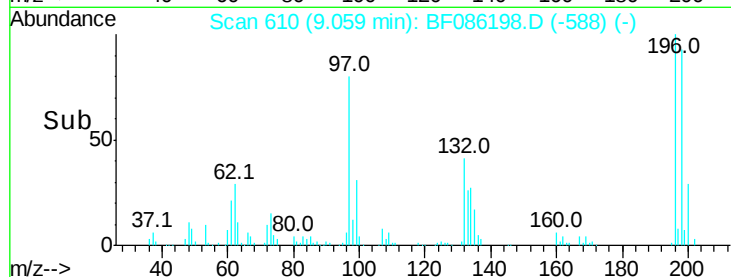
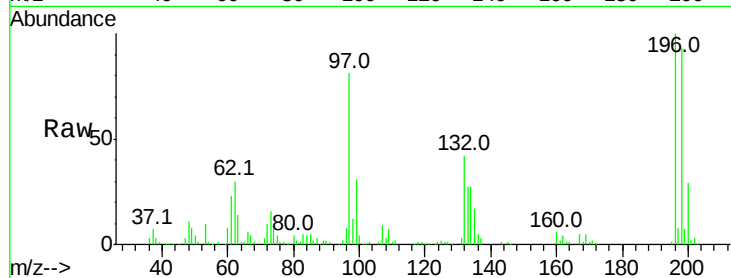
#43
 2,4,5-Trichlorophenol
 Concen: 44.69 ng
 RT: 9.06 min Scan# 610
 Delta R.T. -0.05 min
 Lab File: BF086198.D
 Acq: 9 Apr 2016 5:18

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

Tot Ion	Ratio	Resp	Lower	Upper
196	100	158928		
198	93.1	76.6	114.8	
97	80.5	30.5	45.7#	
132	41.8	20.2	30.2#	

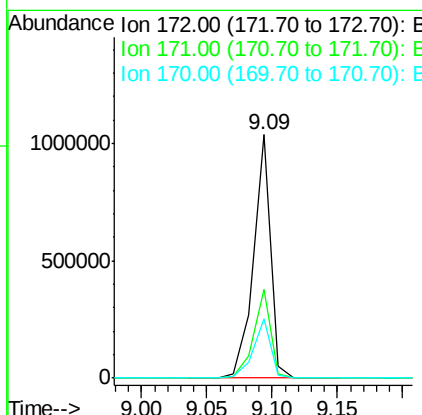
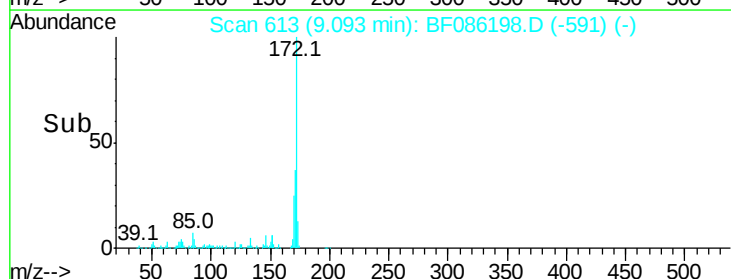
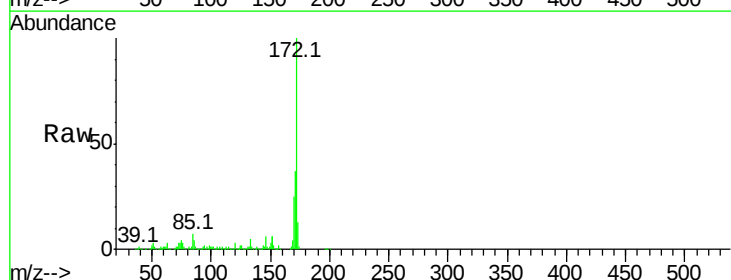
Manual Integrations
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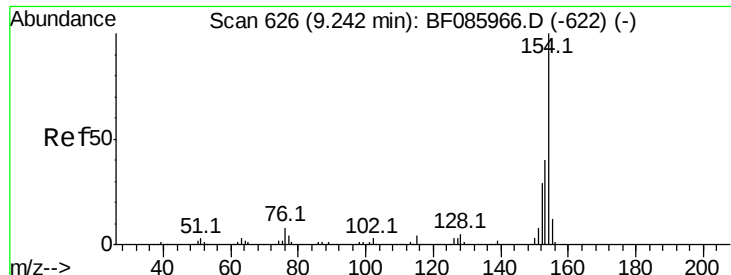
Sohil
 4/11/2016 5:45:30 PM



#44
 2-Fluorobiphenyl
 Concen: 86.73 ng
 RT: 9.09 min Scan# 613
 Delta R.T. -0.05 min
 Lab File: BF086198.D
 Acq: 9 Apr 2016 5:18

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	946661		
171	36.6	29.4	44.2	
170	24.5	19.8	29.6	





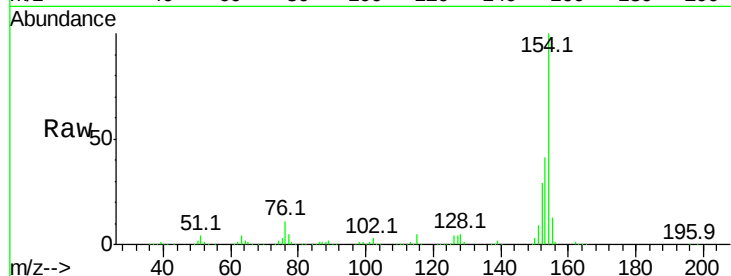
#45
 1,1'-Biphenyl
 Concen: 44.60 ng
 RT: 9.20 min Scan# 622
 Delta R.T. -0.05 min
 Lab File: BF086198.D
 Acq: 9 Apr 2016 5:18

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

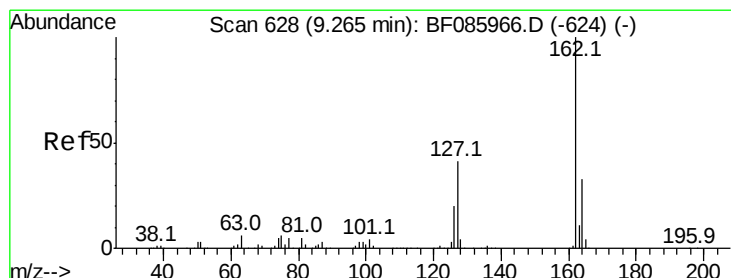
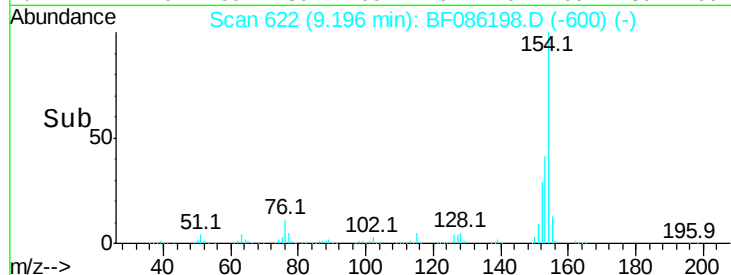
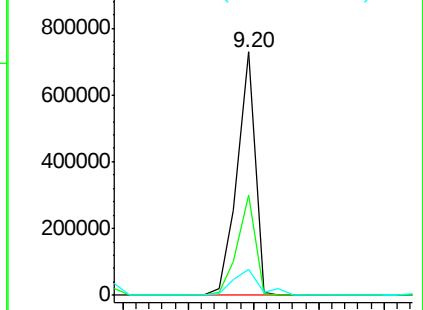
Tot Ion	Ratio	Resp	Lower	Upper
154	100			
153	41.0	20.8	60.8	
76	10.9	0.0	36.7	

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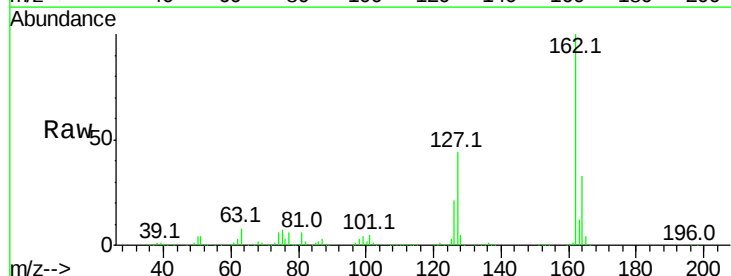


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

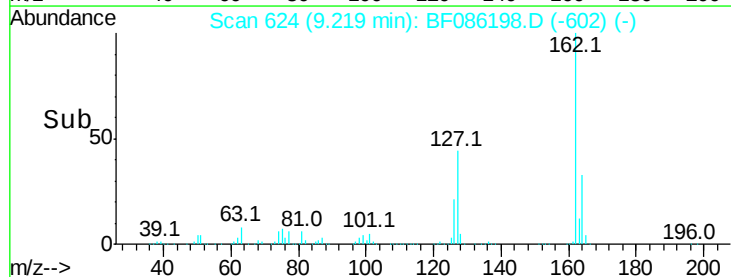
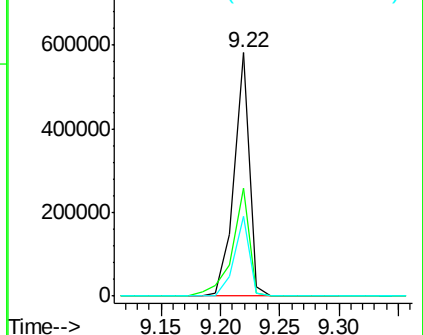


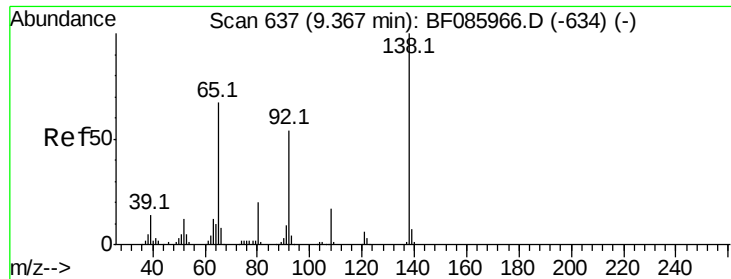
#46
 2-Chloronaphthalene
 Concen: 46.09 ng
 RT: 9.22 min Scan# 624
 Delta R.T. -0.05 min
 Lab File: BF086198.D
 Acq: 9 Apr 2016 5:18

Tgt Ion	Ratio	Resp	Lower	Upper
162	100			
127	44.2	31.7	47.5	
164	32.9	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





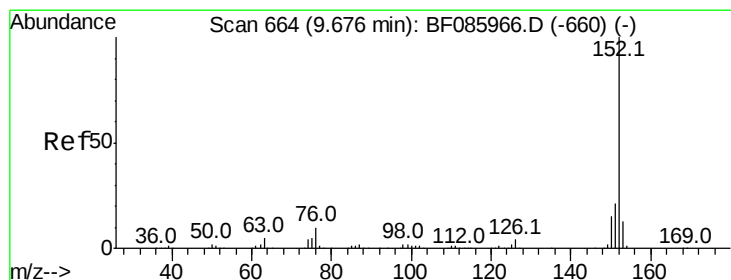
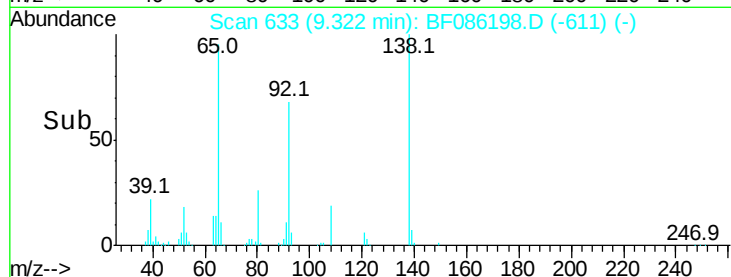
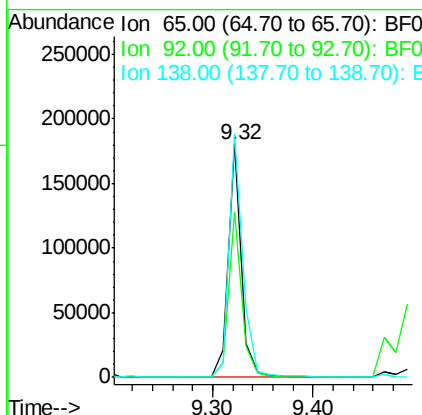
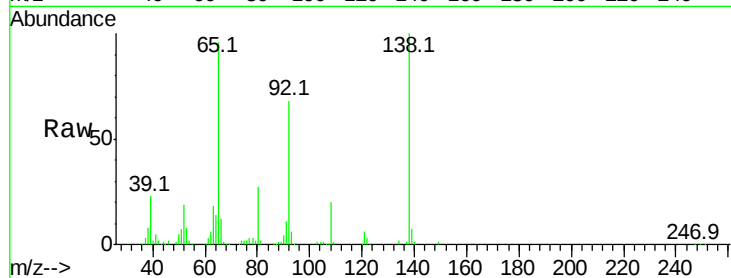
#47
2-Nitroaniline
Concen: 48.74 ng
RT: 9.32 min Scan# 633
Delta R.T. -0.05 min
Lab File: BF086198.D
Acq: 9 Apr 2016 5:18

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

Tot Ion	Ratio	Lower	Upper
65	100		
92	71.2	59.7	89.5
138	104.4	91.4	137.0

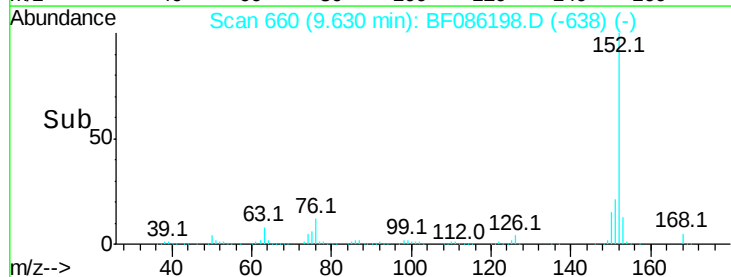
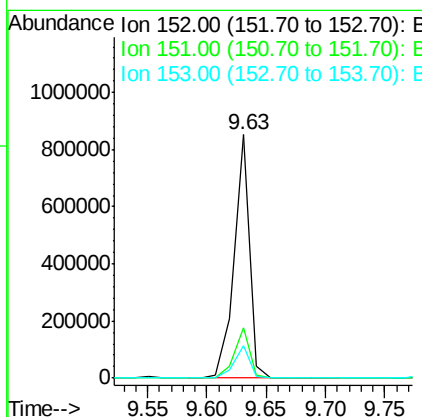
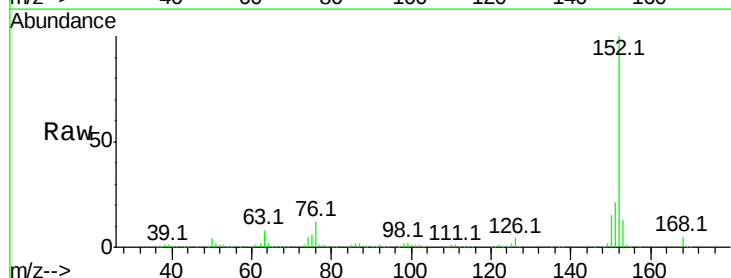
Manual Integrations
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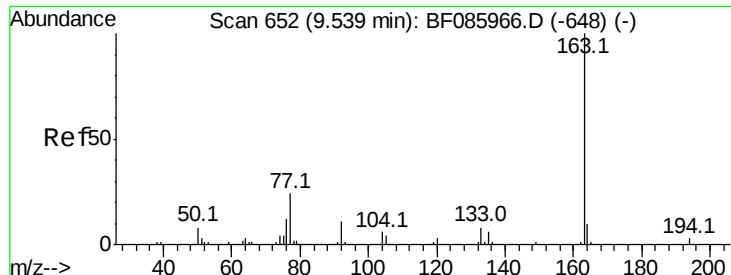
Sohil
4/11/2016 5:45:30 PM



#48
Acenaphthylene
Concen: 42.17 ng
RT: 9.63 min Scan# 660
Delta R.T. -0.05 min
Lab File: BF086198.D
Acq: 9 Apr 2016 5:18

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.7	16.8	25.2
153	13.2	10.9	16.3





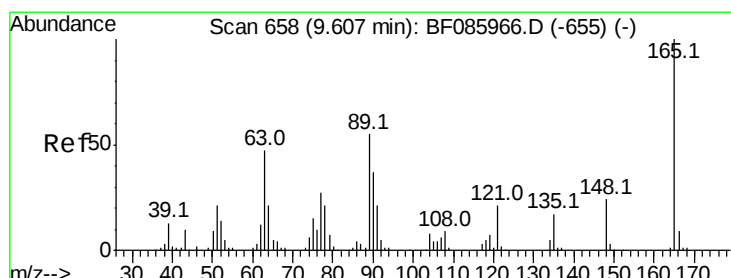
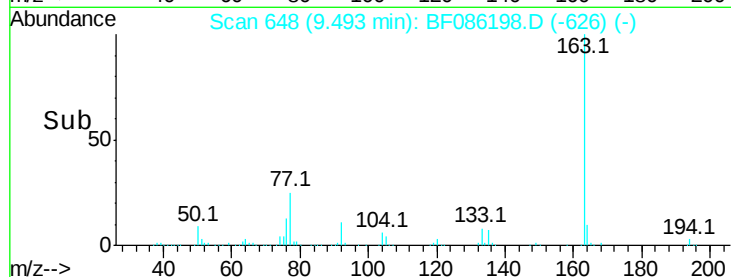
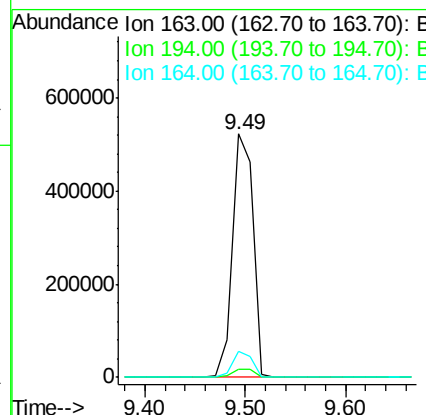
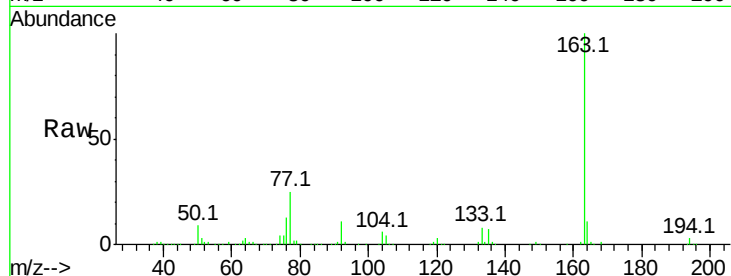
#49
Dimethylphthalate
Concen: 54.86 ng
RT: 9.49 min Scan# 648
Delta R.T. -0.05 min
Lab File: BF086198.D
Acq: 9 Apr 2016 5:18

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

Tot Ion	Ratio	Resp	Lower	Upper
163	100			
194	3.2	2.9	4.3	
164	10.6	8.3	12.5	

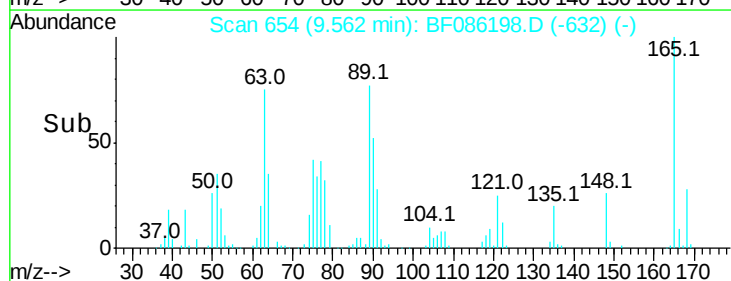
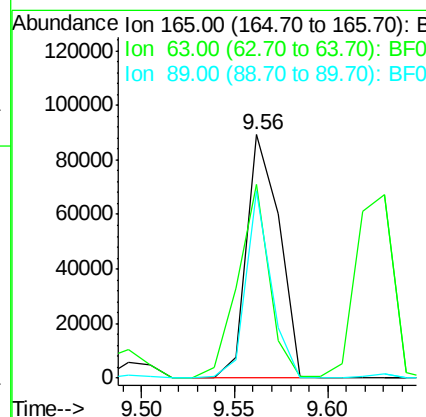
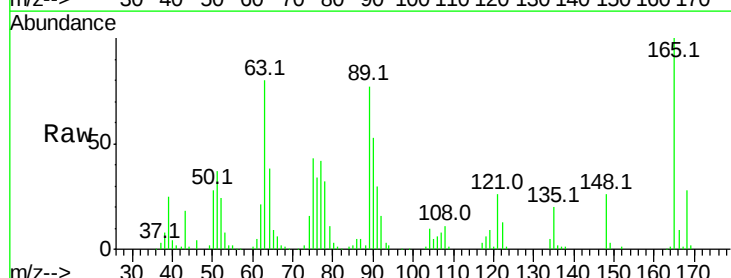
Manual Integrations
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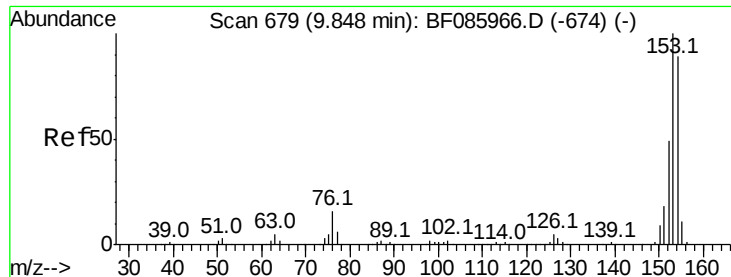
Sohil
4/11/2016 5:45:30 PM



#50
2,6-Dinitrotoluene
Concen: 38.16 ng
RT: 9.56 min Scan# 654
Delta R.T. -0.05 min
Lab File: BF086198.D
Acq: 9 Apr 2016 5:18

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	79.6	51.8	77.8#	
89	76.9	53.7	80.5	





#51

Acenaphthene

Concen: 43.03 ng

RT: 9.80 min Scan# 675

Delta R.T. -0.05 min

Lab File: BF086198.D

Acq: 9 Apr 2016 5:18

Instrument :

BNA_F

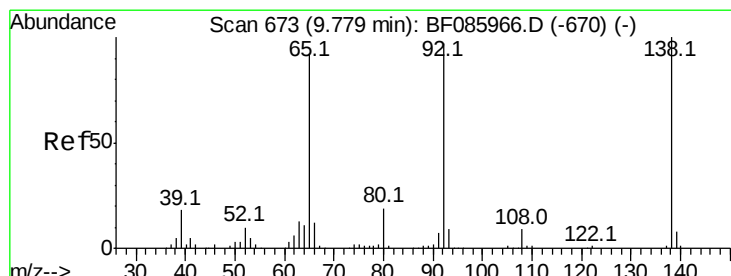
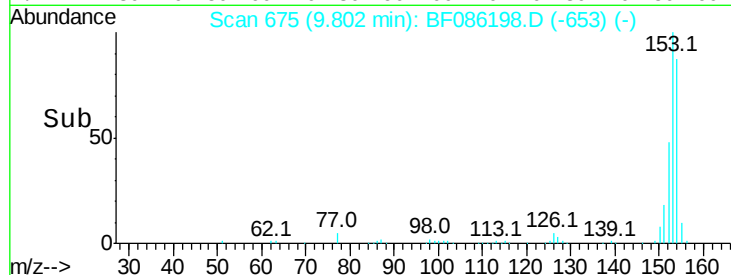
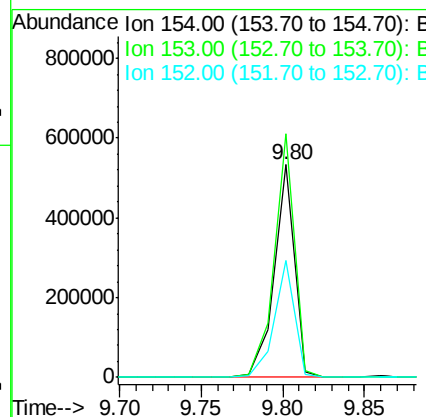
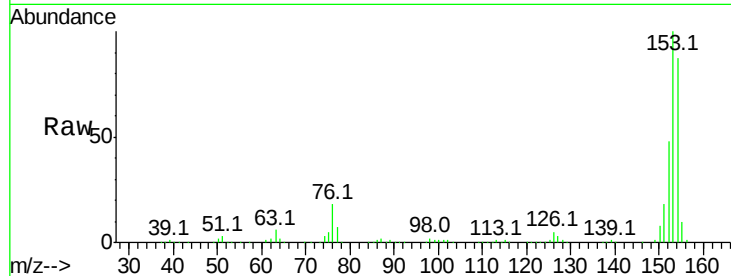
ClientSampleId :

AMBOY-SB-36(0.5-20.0)MSD

Tot Ion:	154	Resp:	465042
Ion Ratio	Lower	Upper	
154	100		
153	114.6	90.1	135.1
152	55.3	44.2	66.2

Manual Integrations
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4/11/2016 5:45:30 PM



#52

3-Nitroaniline

Concen: 31.77 ng

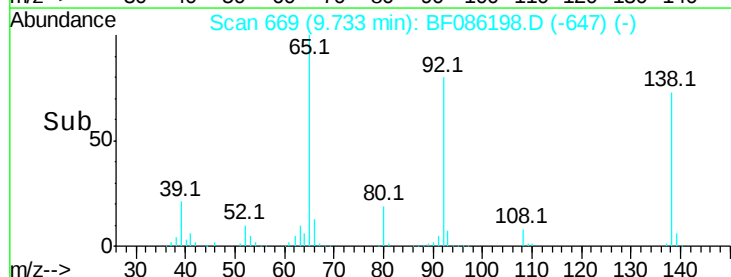
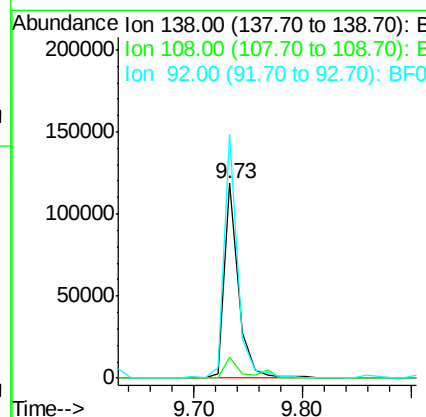
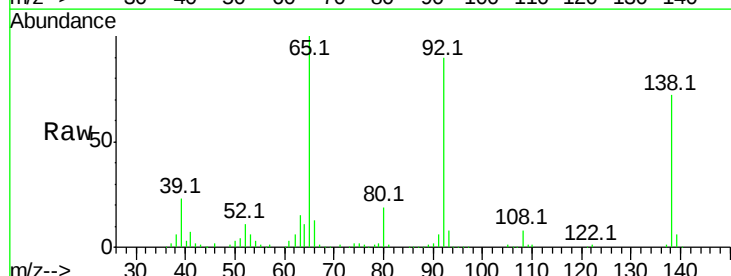
RT: 9.73 min Scan# 669

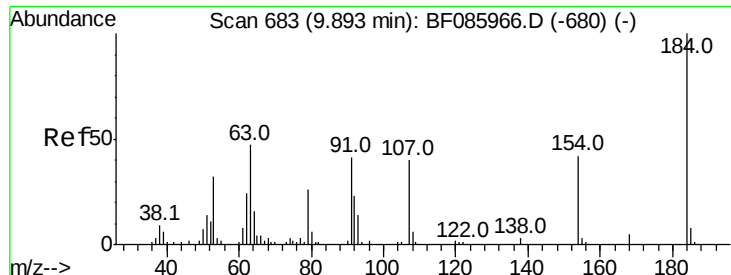
Delta R.T. -0.05 min

Lab File: BF086198.D

Acq: 9 Apr 2016 5:18

Tgt Ion:	138	Resp:	108971
Ion Ratio	Lower	Upper	
138	100		
108	10.9	8.7	13.1
92	125.2	93.3	139.9





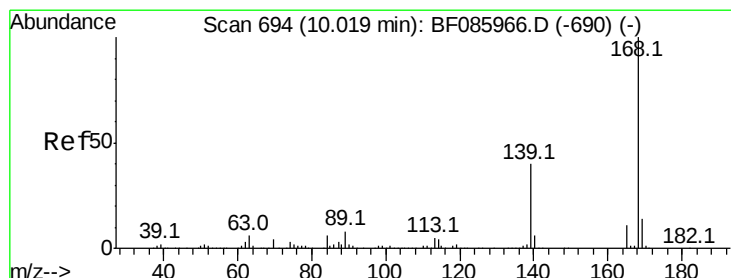
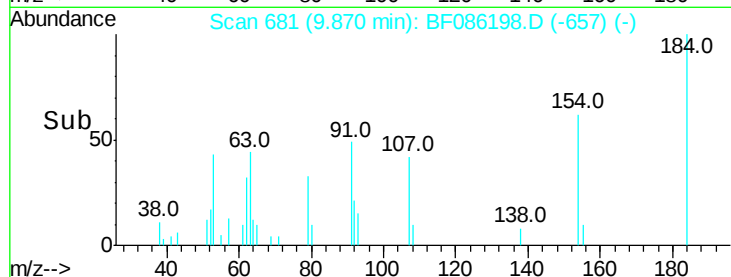
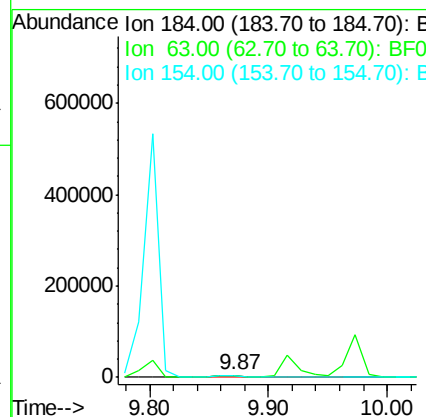
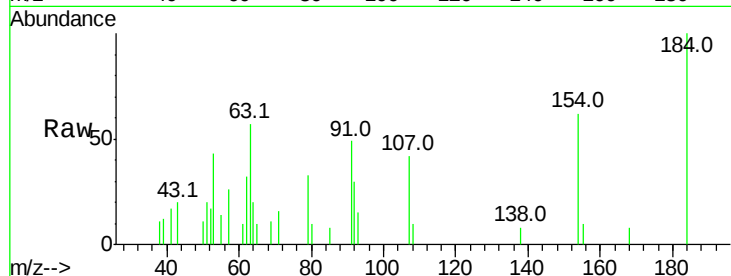
#53
 2,4-Dinitrophenol
 Concen: 11.48 ng
 RT: 9.87 min Scan# 681
 Delta R.T. -0.02 min
 Lab File: BF086198.D
 Acq: 9 Apr 2016 5:18

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

Tot Ion	Ratio	Lower	Upper
184	100		
63	57.3	69.5	104.3#
154	61.6	58.3	87.5

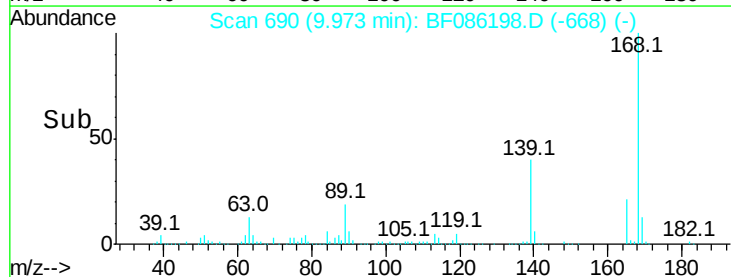
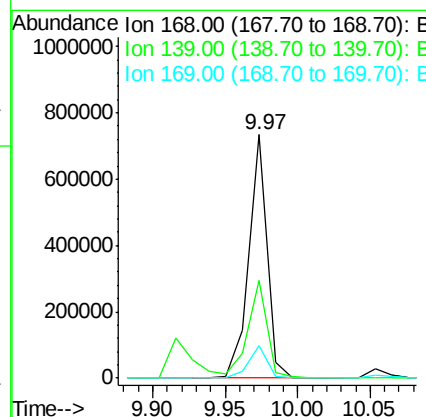
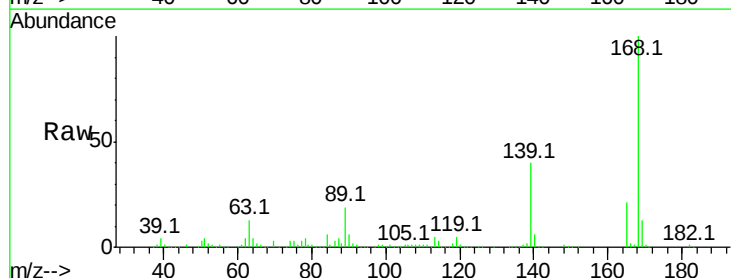
Manual Integrations
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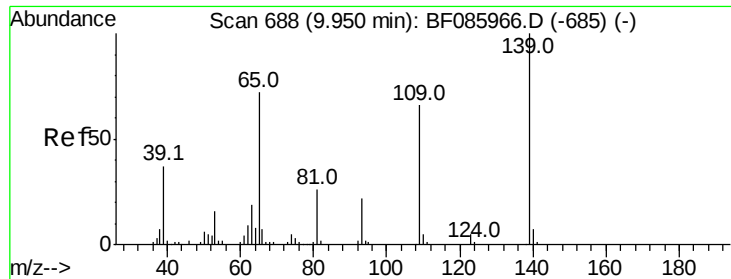
Sohil
 4/11/2016 5:45:30 PM



#54
 Dibenzofuran
 Concen: 44.84 ng
 RT: 9.97 min Scan# 690
 Delta R.T. -0.05 min
 Lab File: BF086198.D
 Acq: 9 Apr 2016 5:18

Tgt Ion	Ratio	Lower	Upper
168	100		
139	40.1	31.9	47.9
169	13.3	11.0	16.6





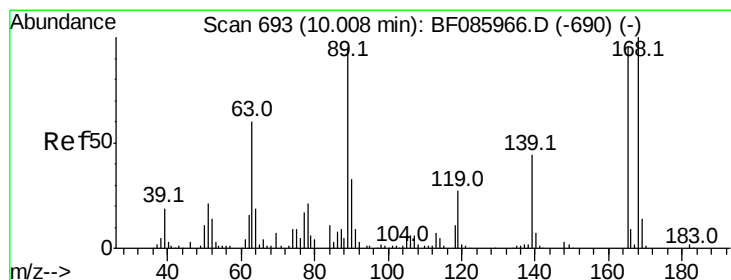
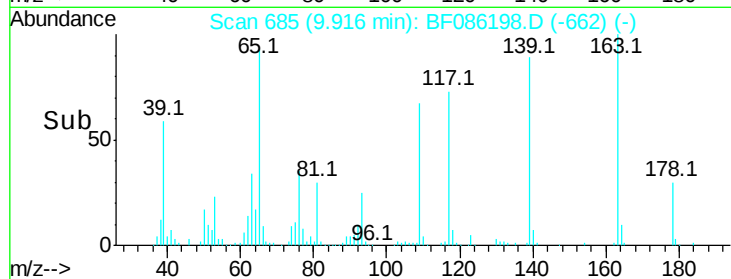
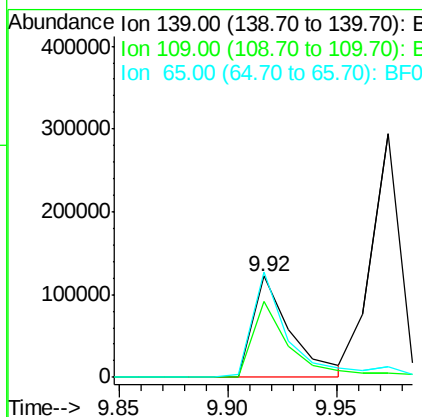
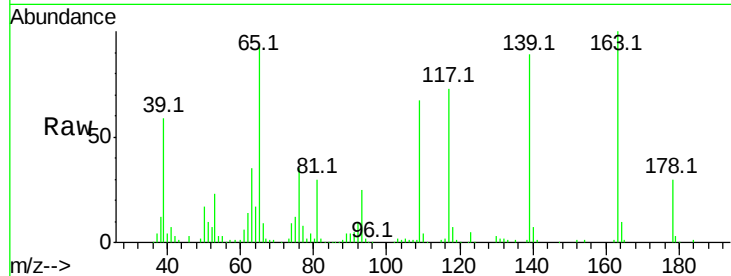
#55
4-Nitrophenol
Concen: 73.10 ng
RT: 9.92 min Scan# 685
Delta R.T. -0.03 min
Lab File: BF086198.D
Acq: 9 Apr 2016 5:18

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

Tot Ion	Ratio	Resp	Lower	Upper
139	100			
109	75.0	49.2	89.2	
65	104.6	66.9	106.9	

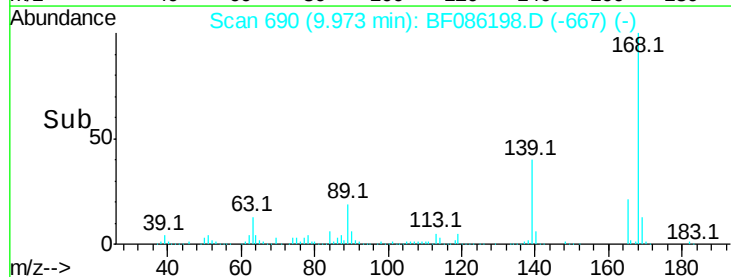
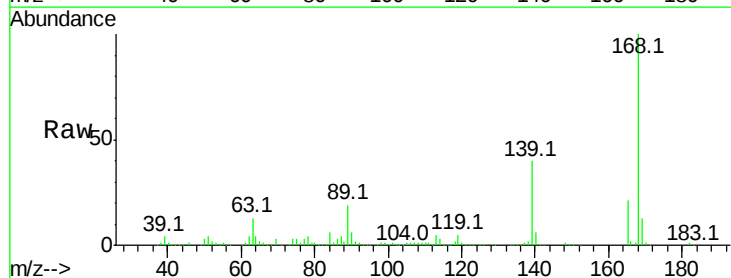
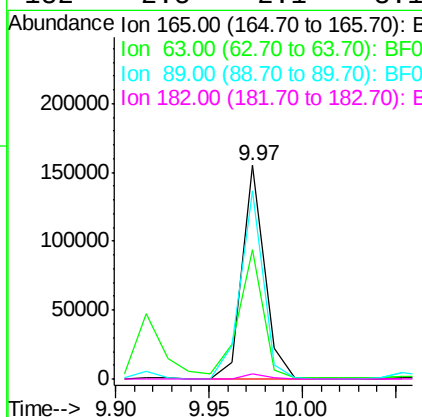
Manual Integrations
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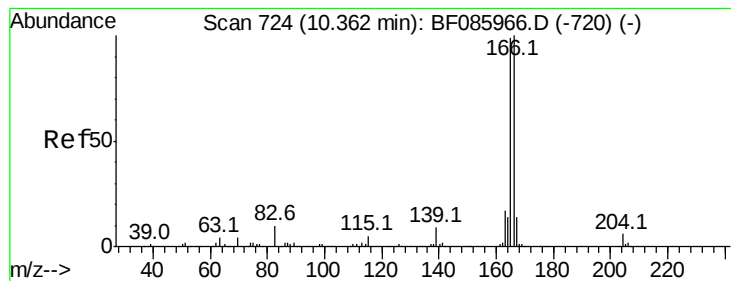
Sohil
4/11/2016 5:45:30 PM



#56
2,4-Dinitrotoluene
Concen: 36.41 ng
RT: 9.97 min Scan# 690
Delta R.T. -0.03 min
Lab File: BF086198.D
Acq: 9 Apr 2016 5:18

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	60.3	24.9	37.3#	
89	88.2	41.0	61.6#	
182	2.5	2.1	3.1	





#57

Fluorene

Concen: 41.57 ng

RT: 10.32 min Scan# 720

Delta R.T. -0.05 min

Lab File: BF086198.D

Acq: 9 Apr 2016 5:18

Instrument :

BNA_F

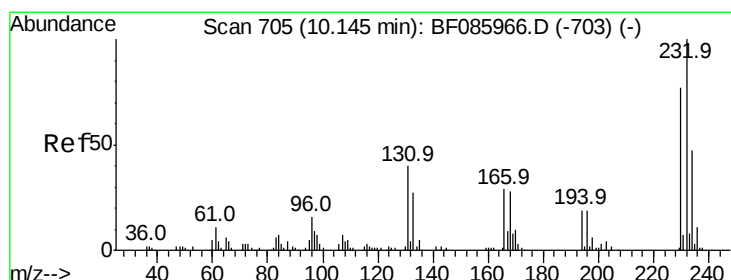
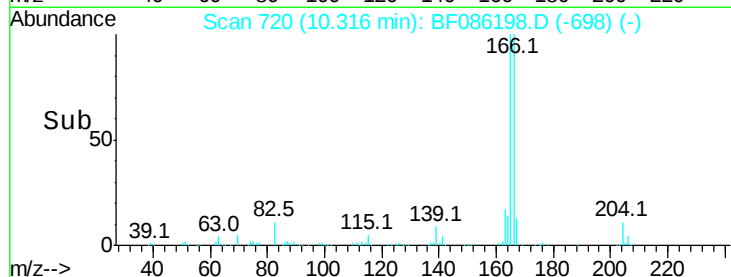
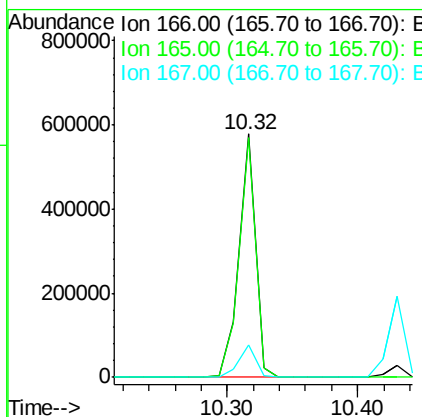
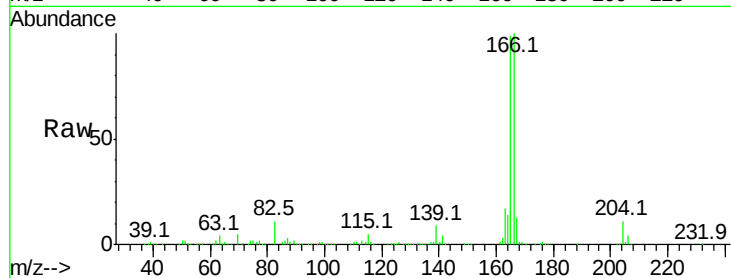
ClientSampleId :

AMBOY-SB-36(0.5-20.0)MSD

Manual Integrations
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4/11/2016 5:45:30 PM

Tot Ion	Ion	Ratio	Resp	Lower	Upper
166	100				
165	98.7	79.4	119.0		
167	13.3	11.0	16.4		



#58

2,3,4,6-Tetrachlorophenol

Concen: 44.68 ng

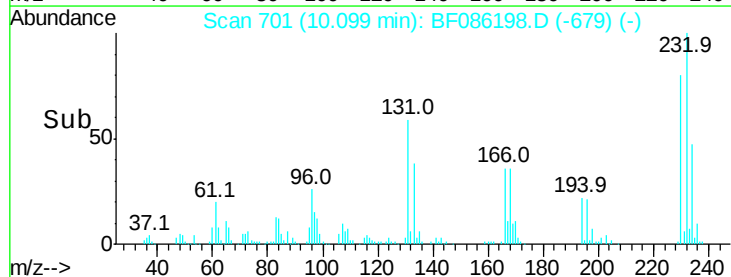
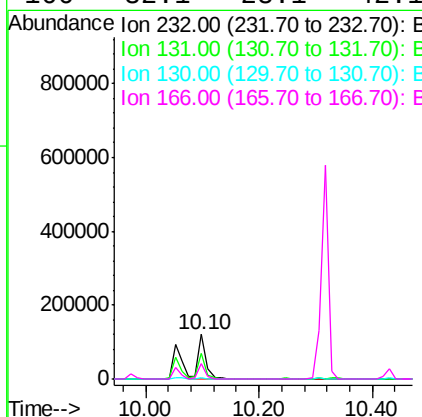
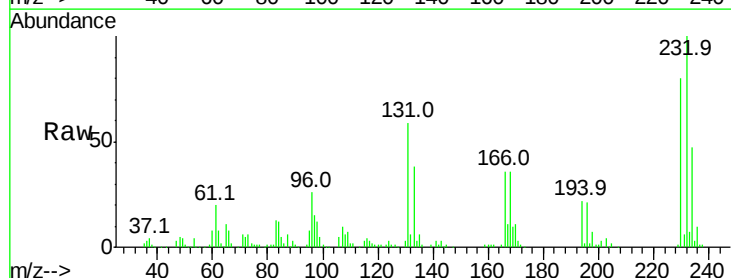
RT: 10.10 min Scan# 701

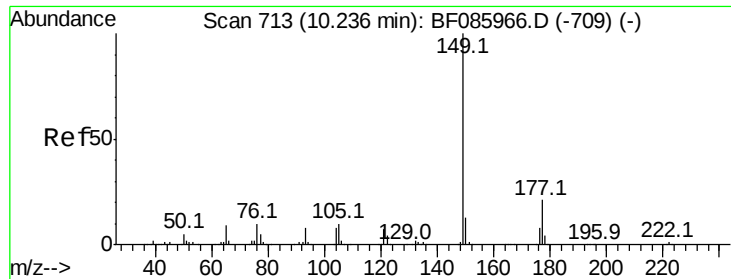
Delta R.T. -0.05 min

Lab File: BF086198.D

Acq: 9 Apr 2016 5:18

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
232	100				
131	54.5	44.9	67.3		
130	2.3	2.3	3.5#		
166	32.1	28.1	42.1		





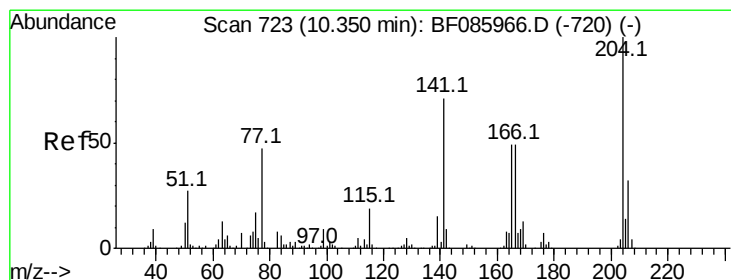
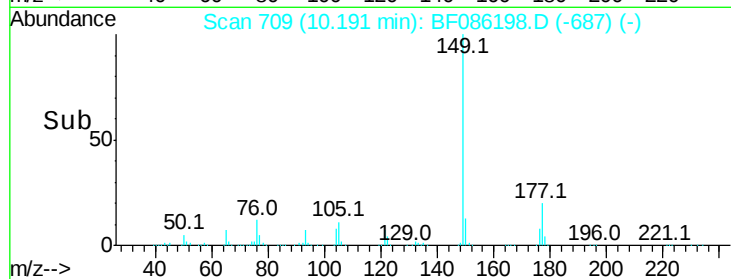
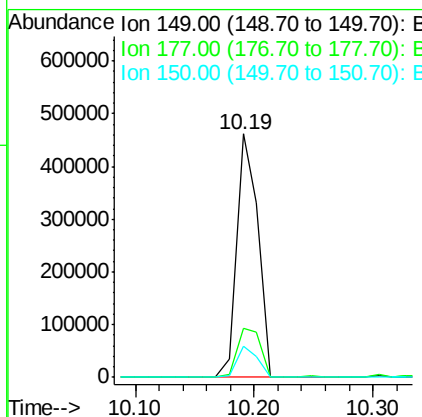
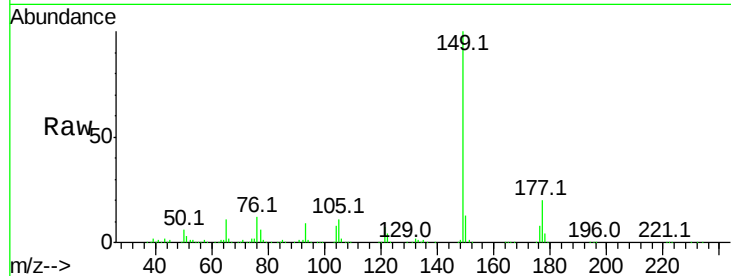
#59
Diethylphthalate
Concen: 42.08 ng
RT: 10.19 min Scan# 709
Delta R.T. -0.05 min
Lab File: BF086198.D
Acq: 9 Apr 2016 5:18

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

Tot Ion	Ratio	Resp	Lower	Upper
149	100	571288		
177	20.1		17.9	26.9
150	12.9		10.2	15.2

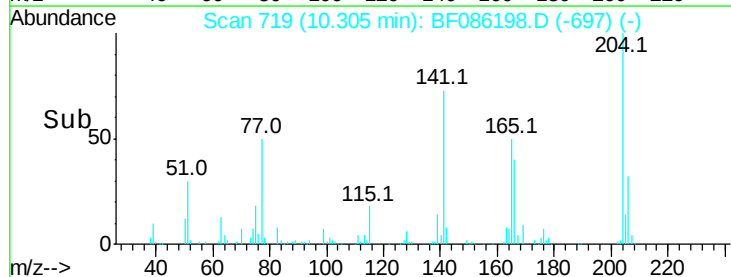
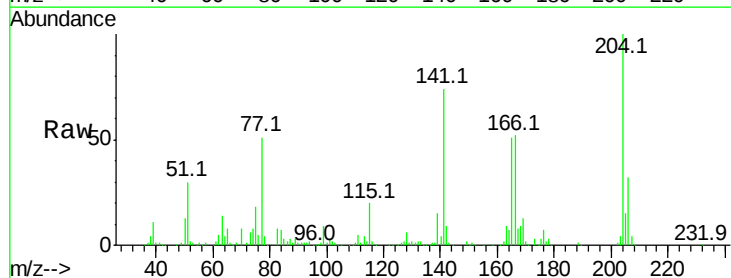
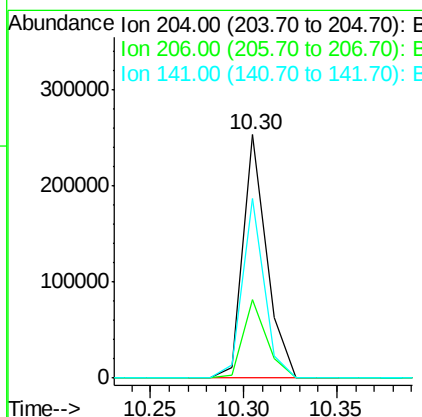
Manual Integrations
APPROVED

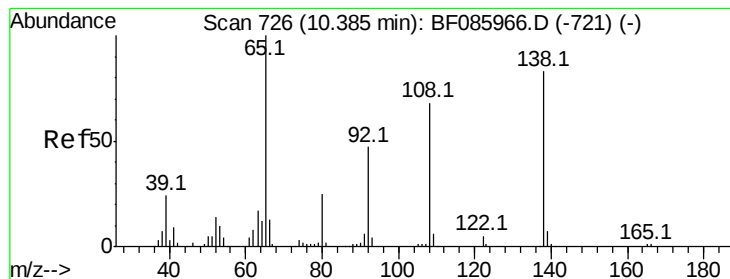
Sohil
4/11/2016 5:45:30 PM



#60
4-Chlorophenyl-phenylether
Concen: 39.64 ng
RT: 10.30 min Scan# 719
Delta R.T. -0.05 min
Lab File: BF086198.D
Acq: 9 Apr 2016 5:18

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	225118		
206	32.4		26.6	39.8
141	73.9		57.4	86.0





#61

4-Nitroaniline

Concen: 39.20 ng

RT: 10.35 min Scan# 723

Delta R.T. -0.03 min

Lab File: BF086198.D

Acq: 9 Apr 2016 5:18

Instrument :

BNA_F

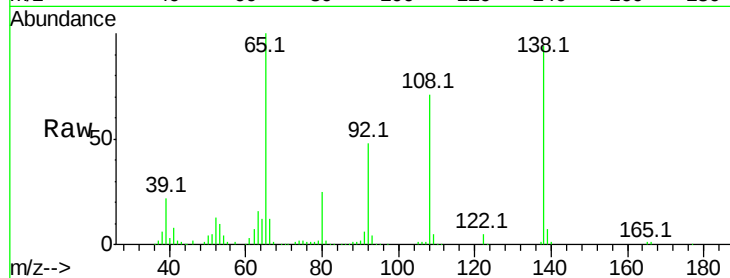
ClientSampleId :

AMBOY-SB-36(0.5-20.0)MSD

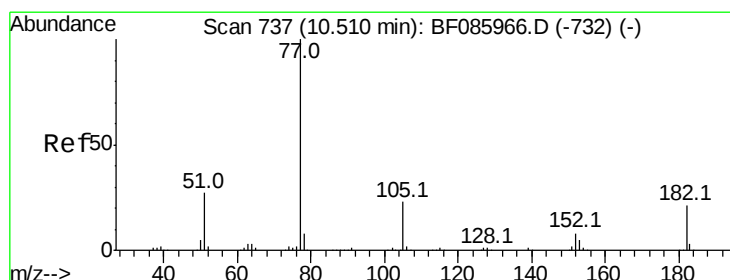
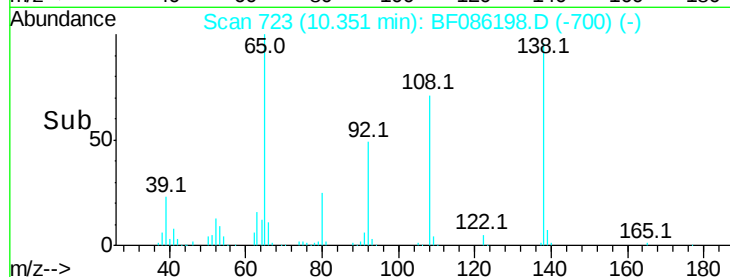
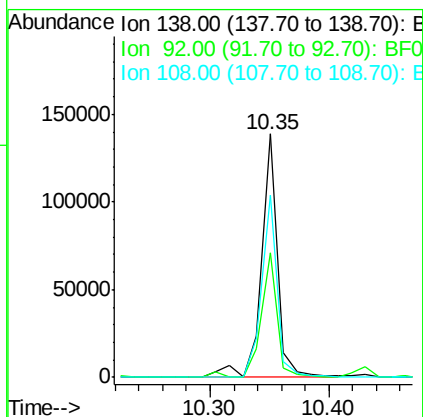
Manual Integrations
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Tot Ion	138	Resp	132413
Ion Ratio	Lower	Upper	
138	100		
92	51.0	26.4	66.4
108	74.9	49.0	89.0



#62

Azobenzene

Concen: 44.85 ng

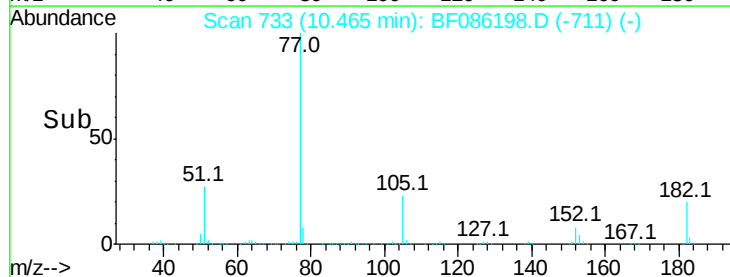
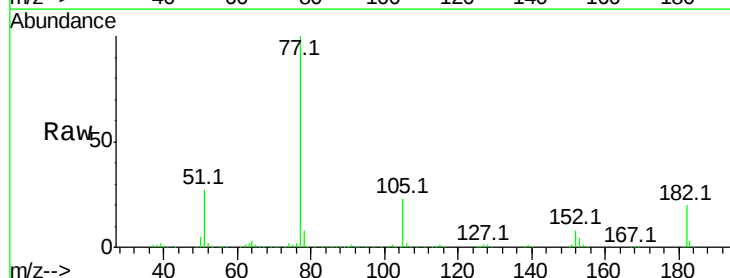
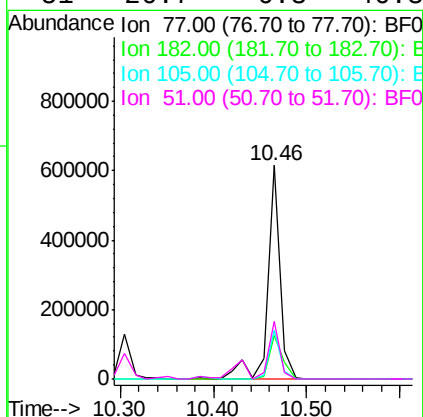
RT: 10.46 min Scan# 733

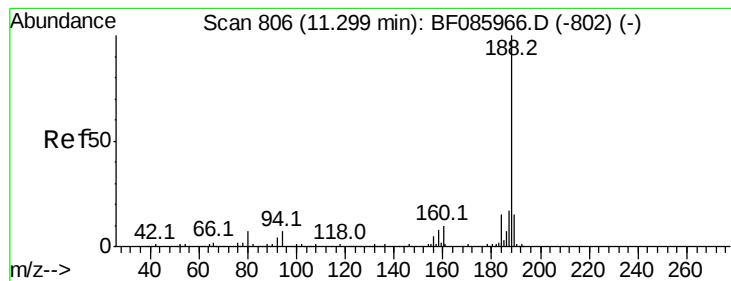
Delta R.T. -0.05 min

Lab File: BF086198.D

Acq: 9 Apr 2016 5:18

Tgt Ion	77	Resp	583250
Ion Ratio	Lower	Upper	
77	100		
182	20.1	1.9	41.9
105	22.7	3.5	43.5
51	26.7	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: BF086198.D

Acq: 9 Apr 2016 5:18

Instrument :

BNA_F

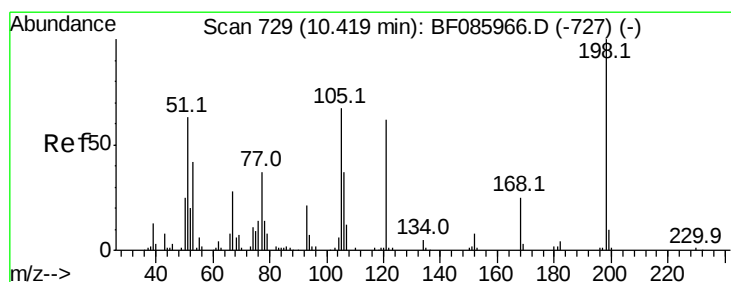
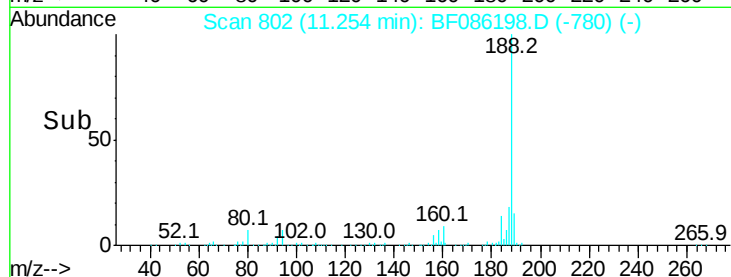
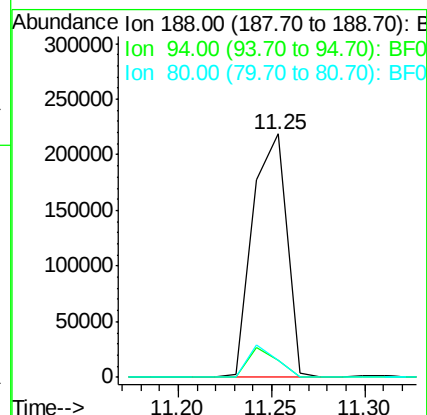
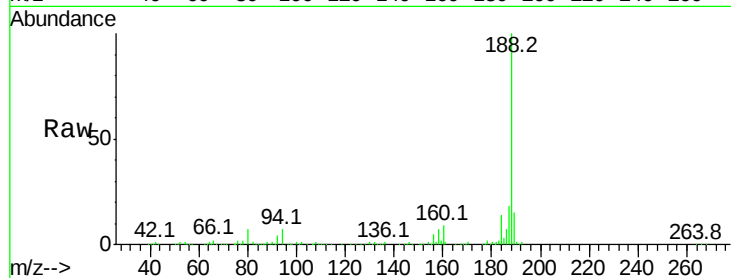
ClientSampleId :

AMBOY-SB-36(0.5-20.0)MSD

Tot Ion:188	Resp:	277294
Ion Ratio	Lower	Upper
188 100		
94 6.8	5.4	8.0
80 7.2	5.5	8.3

Manual Integrations
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Sohil
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#64

4,6-Dinitro-2-methylphenol

Concen: 6.98 ng

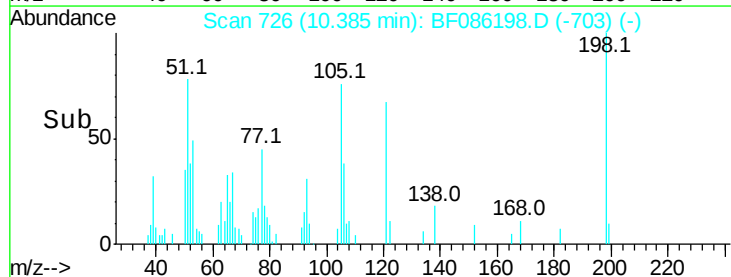
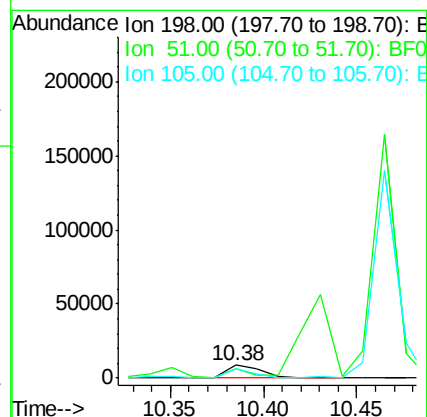
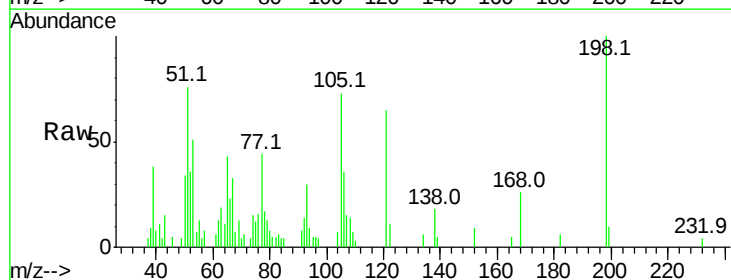
RT: 10.38 min Scan# 726

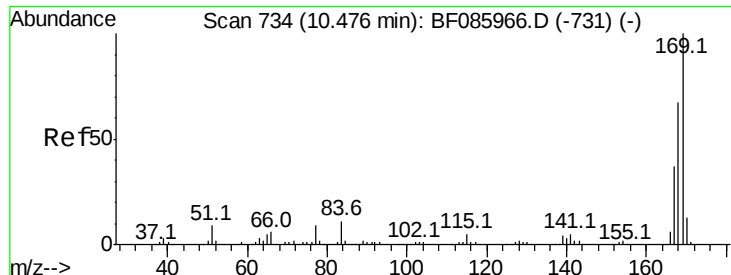
Delta R.T. -0.03 min

Lab File: BF086198.D

Acq: 9 Apr 2016 5:18

Tgt Ion:198	Resp:	11737
Ion Ratio	Lower	Upper
198 100		
51 75.6	45.4	85.4
105 73.4	45.9	85.9





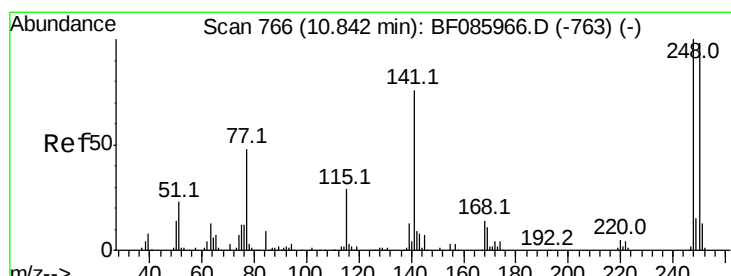
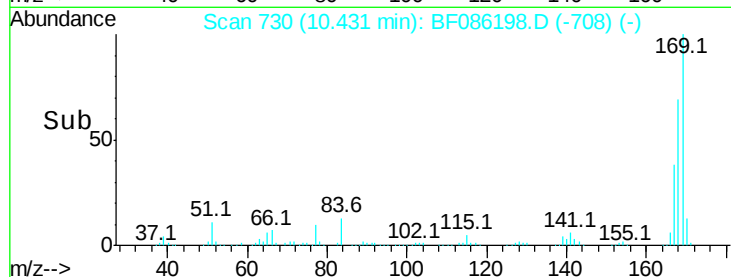
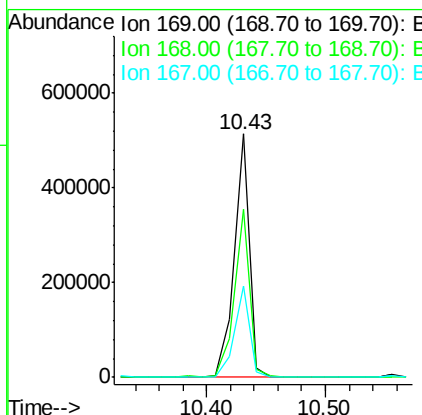
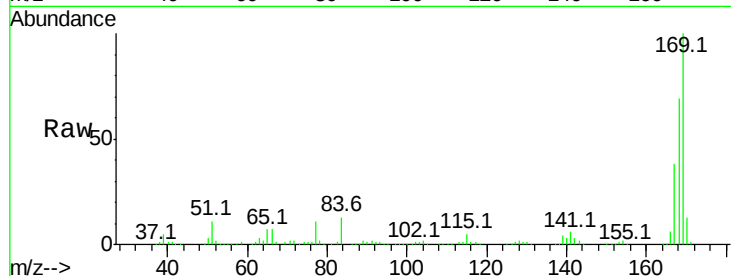
#65
 n-Nitrosodiphenylamine
 Concen: 52.60 ng
 RT: 10.43 min Scan# 730
 Delta R.T. -0.05 min
 Lab File: BF086198.D
 Acq: 9 Apr 2016 5:18

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

Tot Ion	Ratio	Resp	Lower	Upper
169	100	456106		
168	69.0		54.4	81.6
167	37.5		29.4	44.0

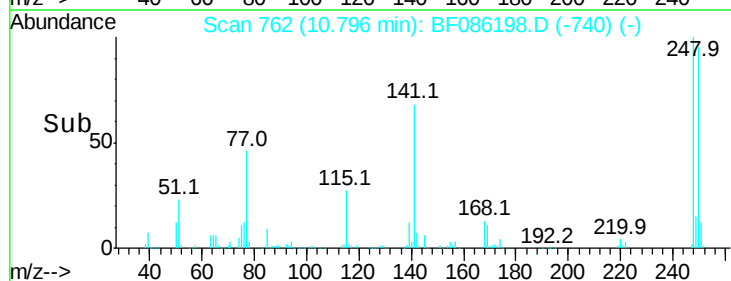
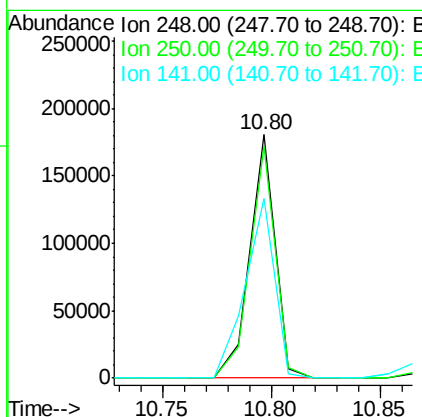
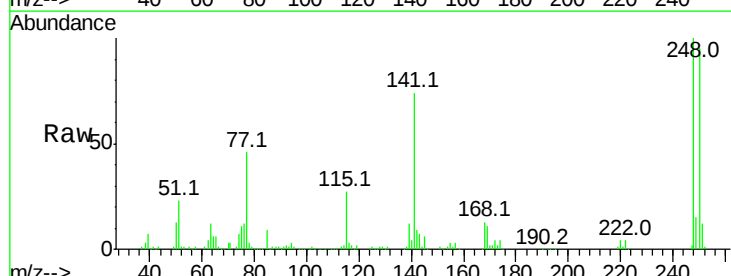
Manual Integrations
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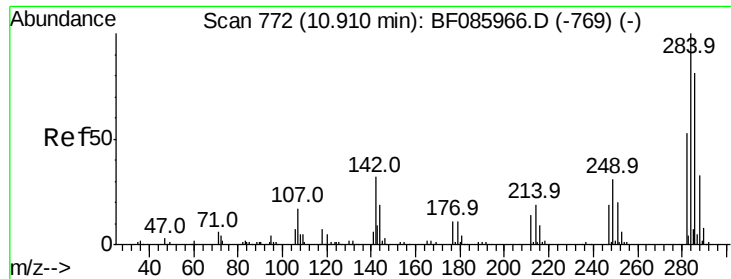
Sohil
 4/11/2016 5:45:30 PM



#66
 4-Bromophenyl-phenylether
 Concen: 51.63 ng
 RT: 10.80 min Scan# 762
 Delta R.T. -0.05 min
 Lab File: BF086198.D
 Acq: 9 Apr 2016 5:18

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	146152		
250	95.4		77.4	116.0
141	73.6		63.6	95.4





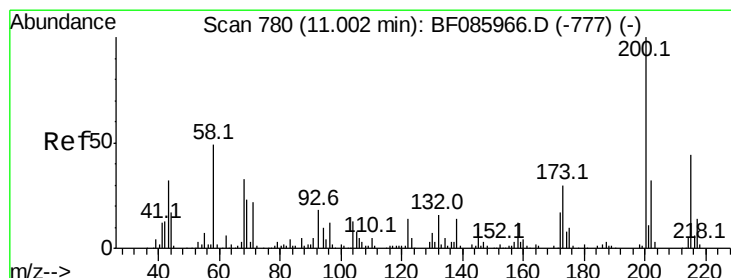
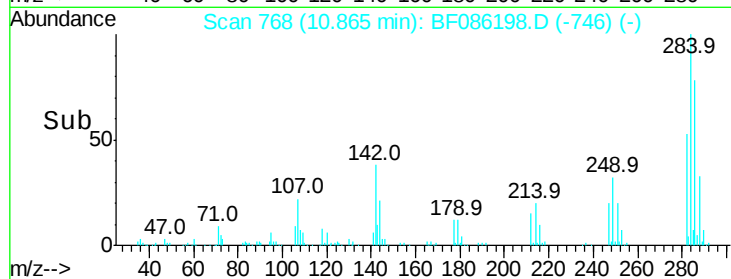
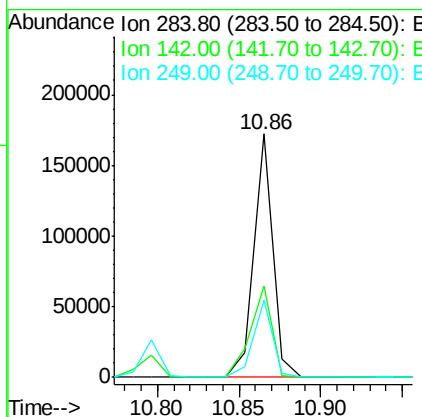
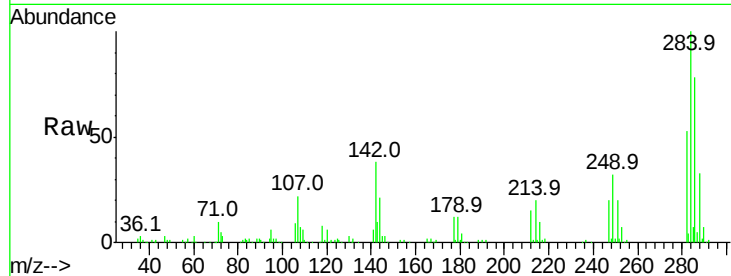
#67
Hexachlorobenzene
Concen: 47.67 ng
RT: 10.86 min Scan# 768
Delta R.T. -0.05 min
Lab File: BF086198.D
Acq: 9 Apr 2016 5:18

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

Tot Ion	Ratio	Resp	Lower	Upper
284	100			
142	37.6	23.1	34.7#	
249	31.8	24.2	36.2	

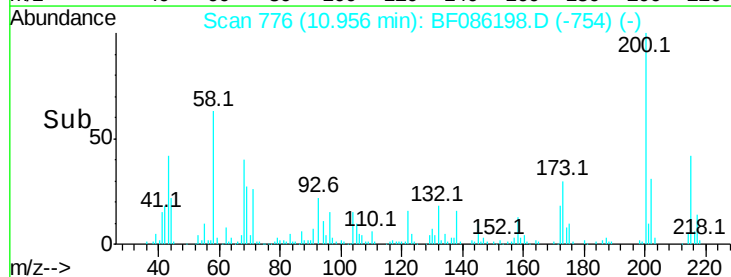
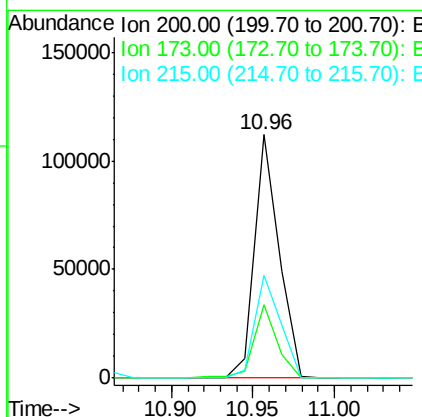
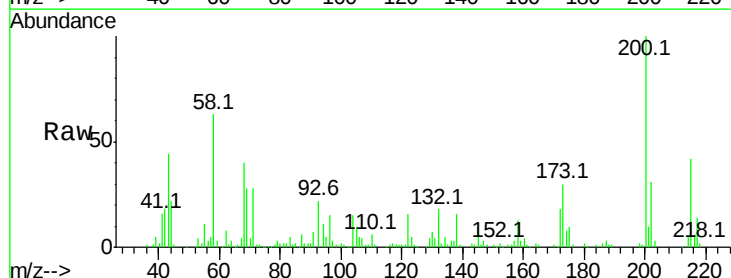
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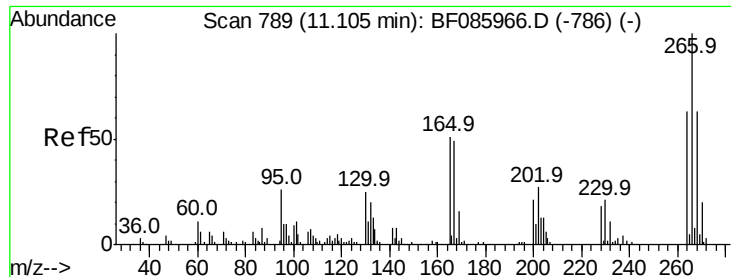
Sohil
4/11/2016 5:45:30 PM



#68
Atrazine
Concen: 41.84 ng
RT: 10.96 min Scan# 776
Delta R.T. -0.05 min
Lab File: BF086198.D
Acq: 9 Apr 2016 5:18

Tgt Ion	Ratio	Resp	Lower	Upper
200	100			
173	30.1	7.7	47.7	
215	42.0	25.4	65.4	





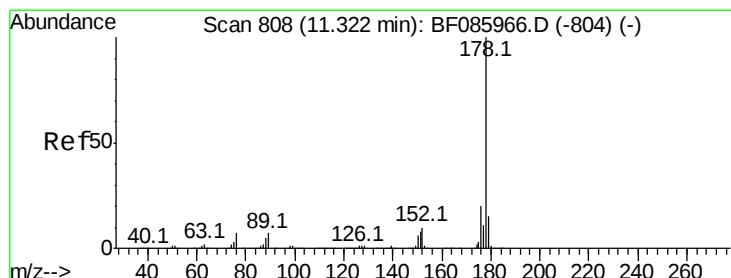
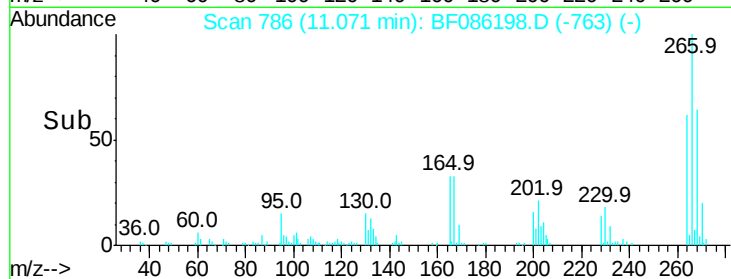
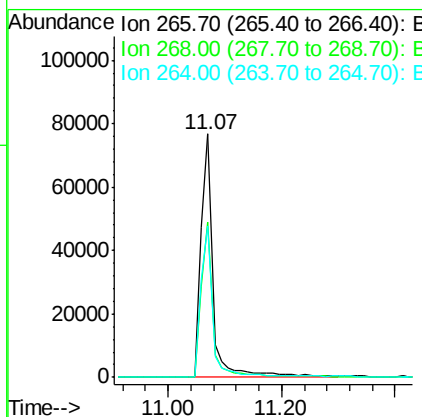
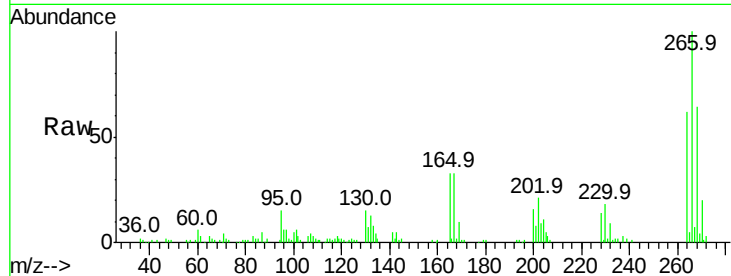
#69
 Pentachlorophenol
 Concen: 80.24 ng
 RT: 11.07 min Scan# 786
 Delta R.T. -0.03 min
 Lab File: BF086198.D
 Acq: 9 Apr 2016 5:18

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

Tot Ion:	266	Resp:	110098
Ion Ratio		Lower	Upper
266	100		
268	64.0	51.5	77.3
264	62.0	50.6	76.0

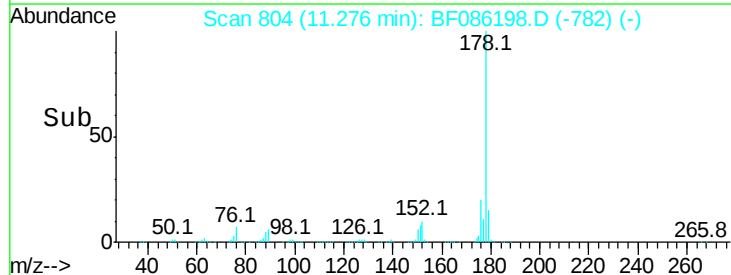
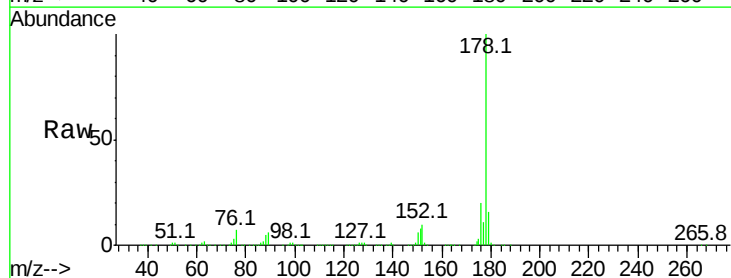
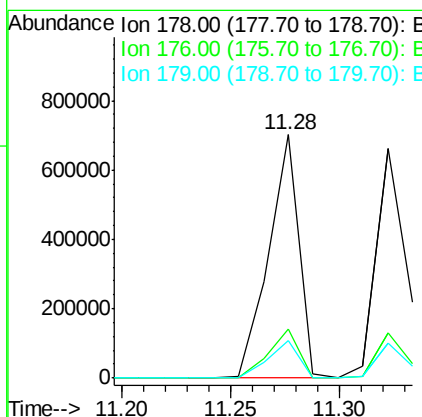
Manual Integrations
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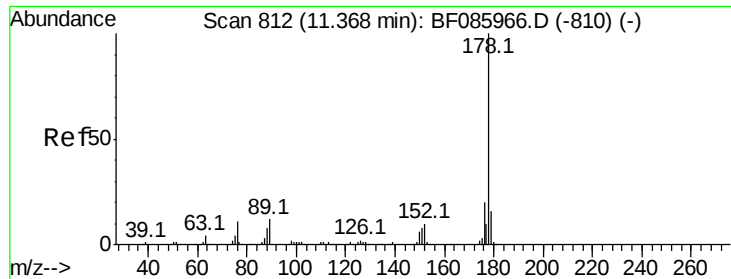
Sohil
 4/11/2016 5:45:30 PM



#70
 Phenanthrene
 Concen: 45.30 ng
 RT: 11.28 min Scan# 804
 Delta R.T. -0.05 min
 Lab File: BF086198.D
 Acq: 9 Apr 2016 5:18

Tgt Ion:	178	Resp:	685208
Ion Ratio		Lower	Upper
178	100		
176	20.0	16.3	24.5
179	15.6	12.6	18.8





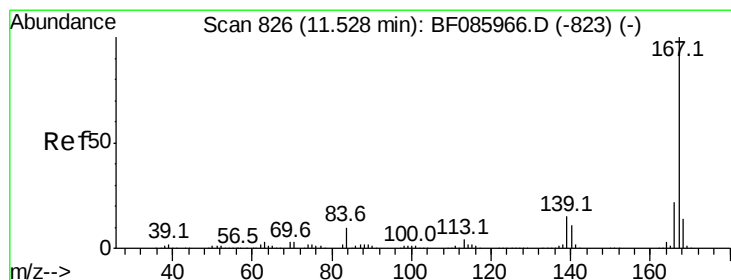
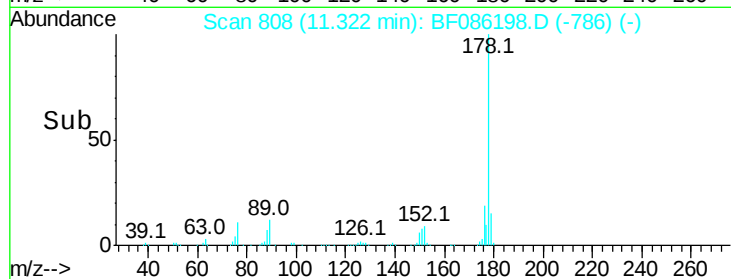
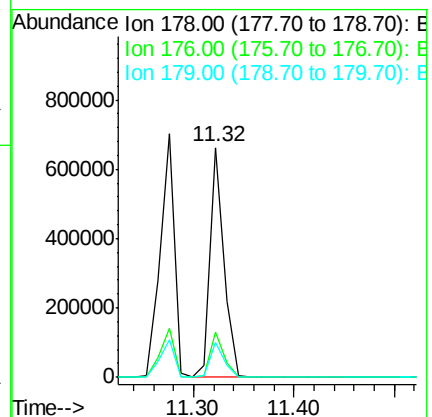
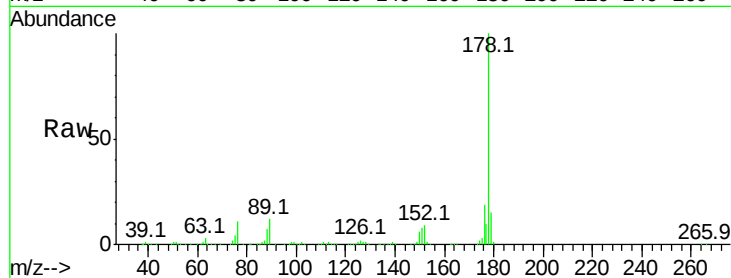
#71
 Anthracene
 Concen: 40.07 ng
 RT: 11.32 min Scan# 808
 Delta R.T. -0.05 min
 Lab File: BF086198.D
 Acq: 9 Apr 2016 5:18

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

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.4	15.9	23.9
179	15.5	13.0	19.4

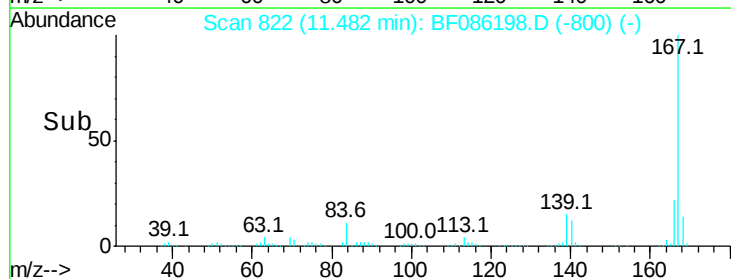
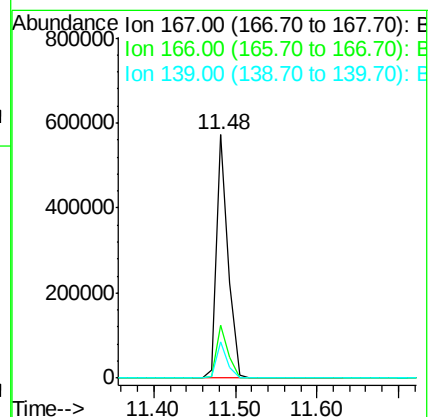
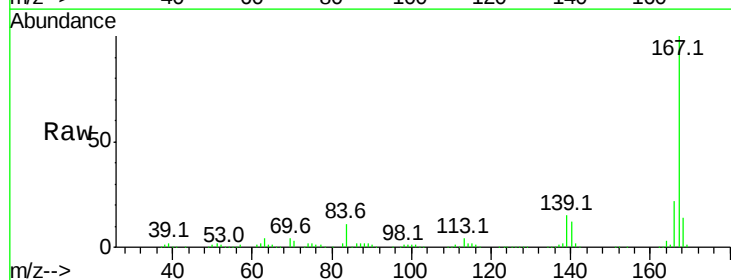
Manual Integrations
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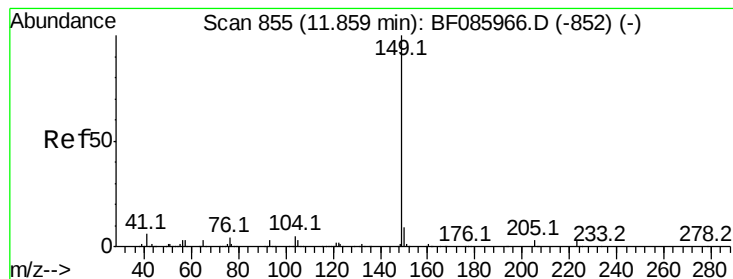
Sohil
 4/11/2016 5:45:30 PM



#72
 Carbazole
 Concen: 41.92 ng
 RT: 11.48 min Scan# 822
 Delta R.T. -0.05 min
 Lab File: BF086198.D
 Acq: 9 Apr 2016 5:18

Tgt Ion	Ratio	Lower	Upper
167	100		
166	21.7	17.8	26.8
139	15.2	11.6	17.4





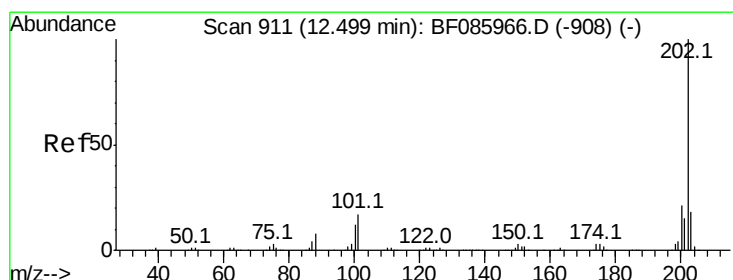
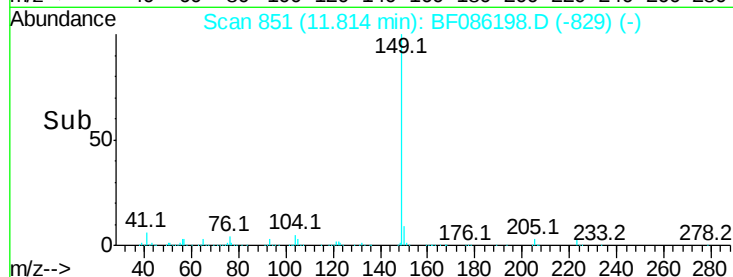
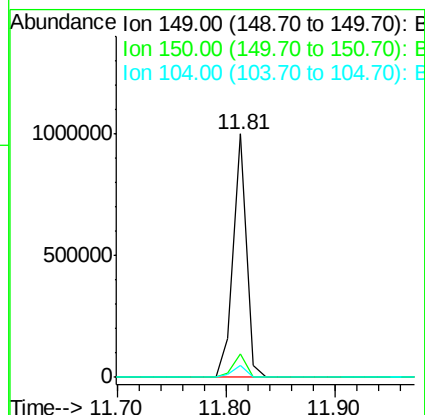
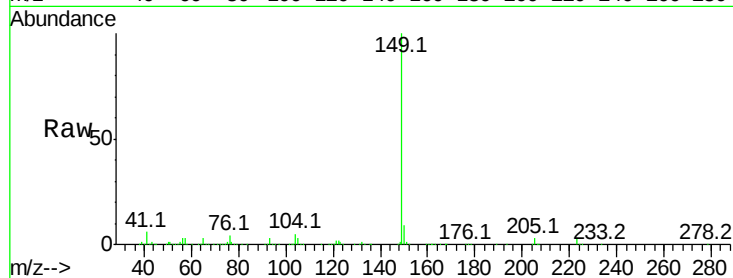
#73
Di-n-butylphthalate
Concen: 49.45 ng
RT: 11.81 min Scan# 851
Delta R.T. -0.05 min
Lab File: BF086198.D
Acq: 9 Apr 2016 5:18

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

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

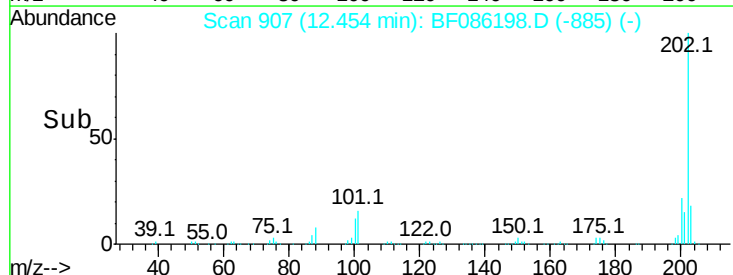
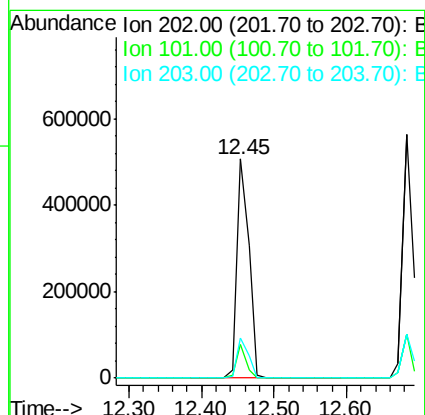
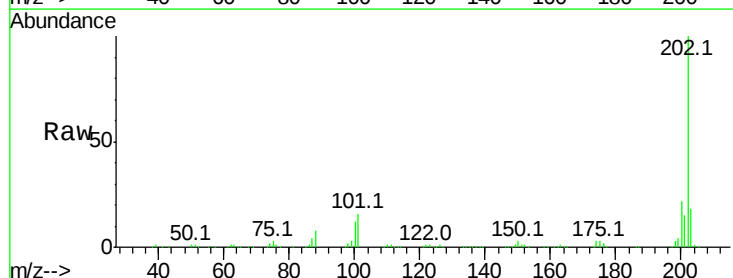
Manual Integrations
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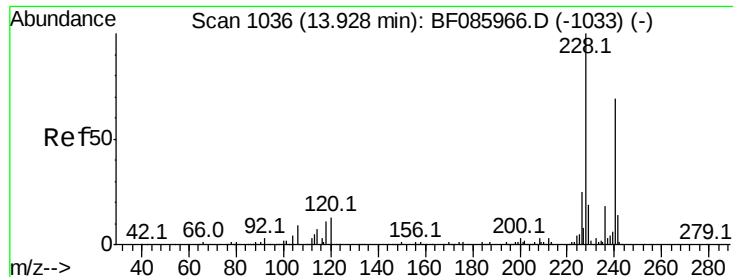
Sohil
4/11/2016 5:45:30 PM



#74
Fluoranthene
Concen: 36.95 ng
RT: 12.45 min Scan# 907
Delta R.T. -0.05 min
Lab File: BF086198.D
Acq: 9 Apr 2016 5:18

Tgt Ion	Ratio	Resp	Lower	Upper
202	100			
101	15.6	0.0	36.6	
203	18.0	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: BF086198.D

Acq: 9 Apr 2016 5:18

Instrument :

BNA_F

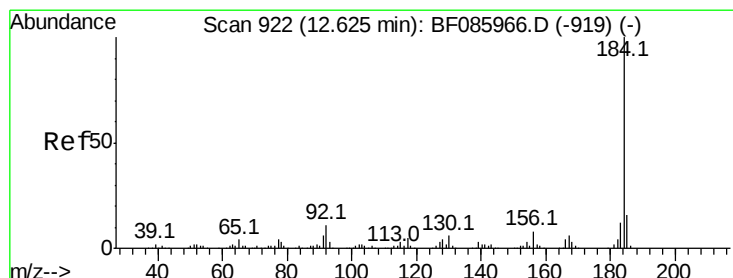
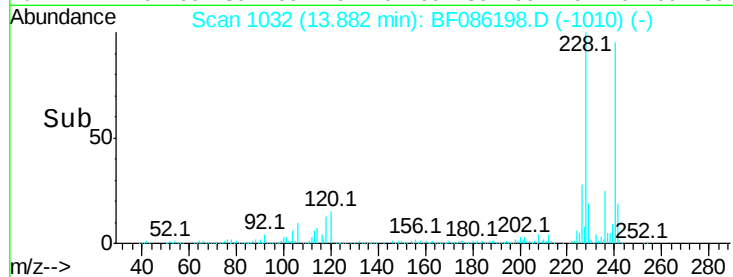
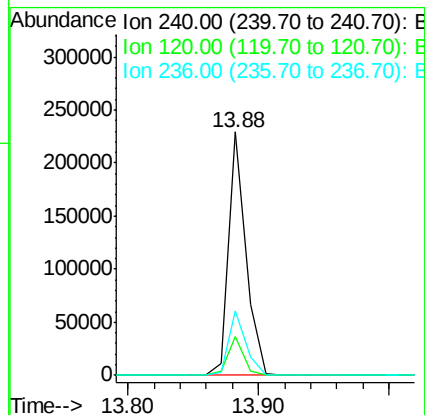
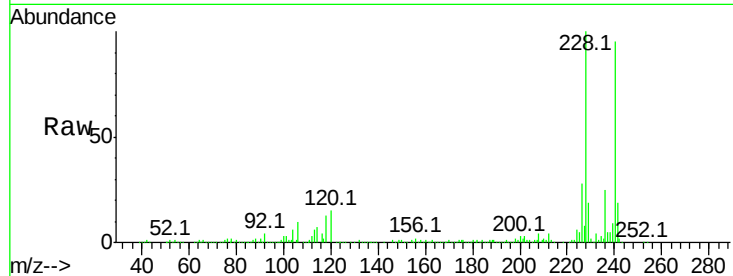
ClientSampleId :

AMBOY-SB-36(0.5-20.0)MSD

Tot Ion:	240	Resp:	212911
Ion Ratio	Lower	Upper	
240	100		
120	16.0	13.8	20.8
236	26.6	20.6	30.8

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#76

Benzidine

Concen: 57.57 ng

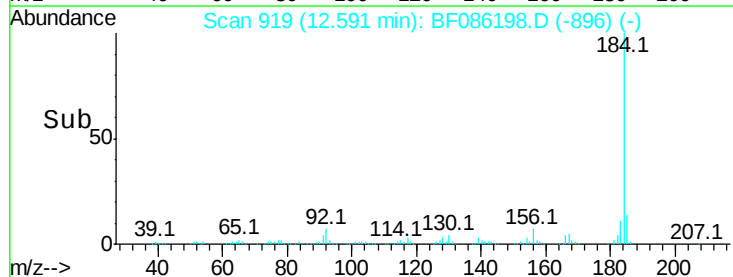
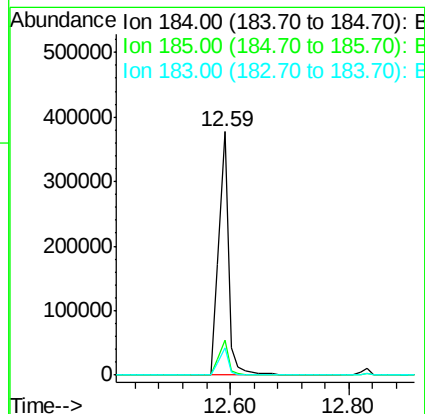
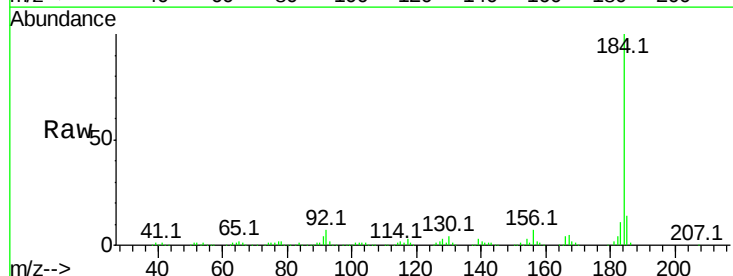
RT: 12.59 min Scan# 919

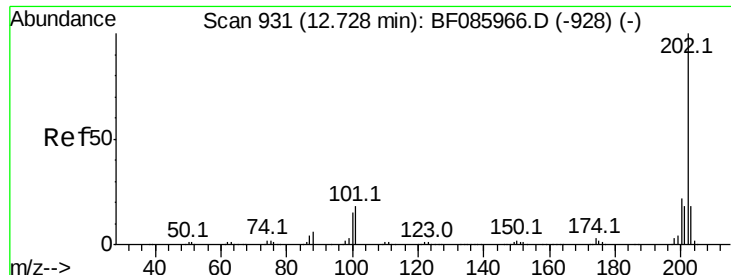
Delta R.T. -0.03 min

Lab File: BF086198.D

Acq: 9 Apr 2016 5:18

Tgt Ion:	184	Resp:	432442
Ion Ratio	Lower	Upper	
184	100		
185	14.2	12.4	18.6
183	11.4	9.4	14.2





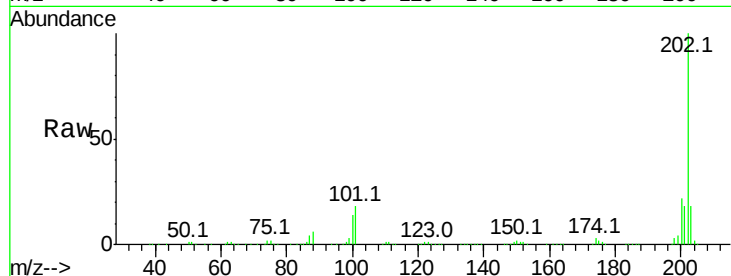
#77
Pvrene
Concen: 38.25 ng
RT: 12.68 min Scan# 927
Delta R.T. -0.05 min
Lab File: BF086198.D
Acq: 9 Apr 2016 5:18

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

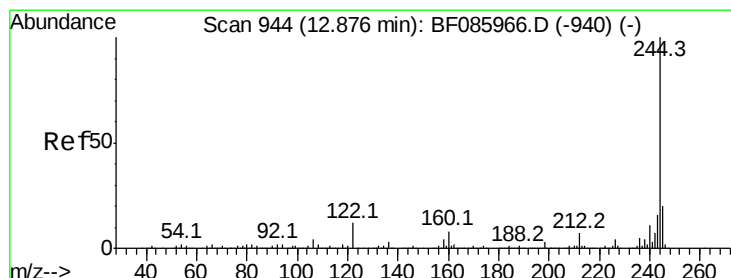
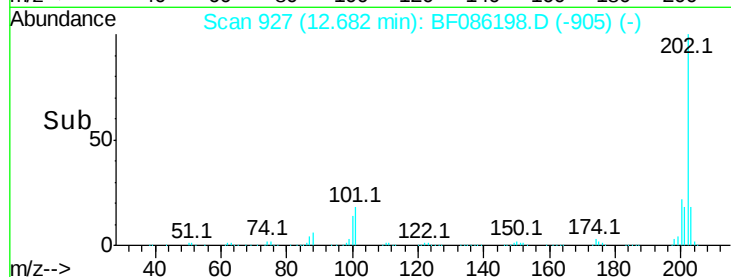
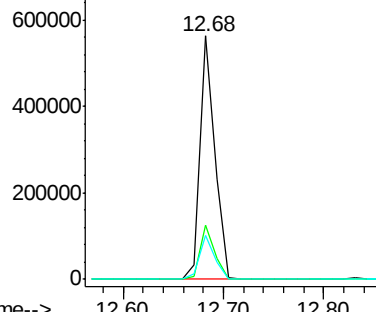
Tot Ion	Ratio	Resp Lower	Upper
202	100		
200	22.2	17.6	26.4
203	17.9	14.0	21.0

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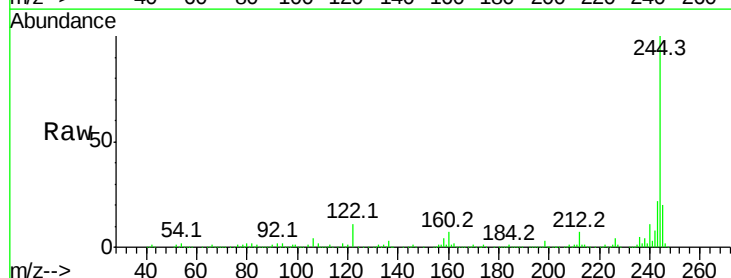


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

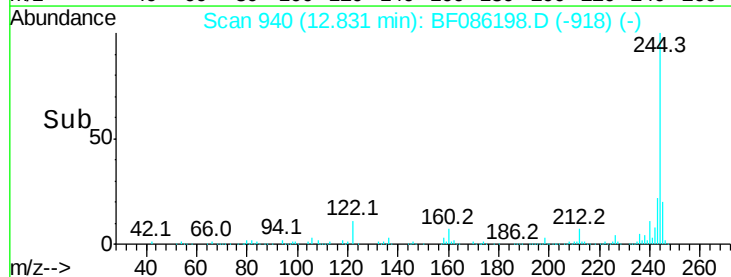
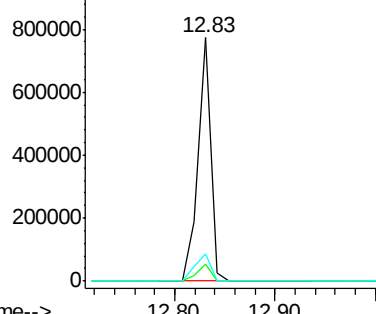


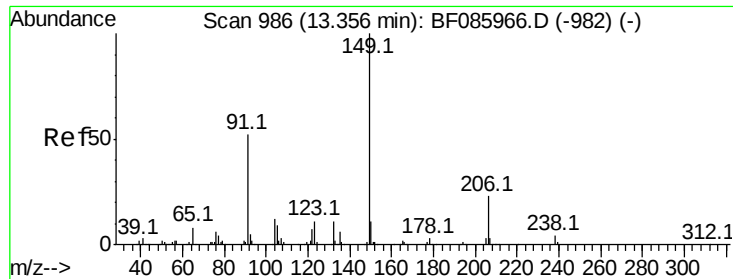
#78
Terphenyl-d14
Concen: 75.42 ng
RT: 12.83 min Scan# 940
Delta R.T. -0.05 min
Lab File: BF086198.D
Acq: 9 Apr 2016 5:18

Tgt Ion	Ratio	Resp Lower	Upper
244	100		
212	7.1	6.1	9.1
122	11.1	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





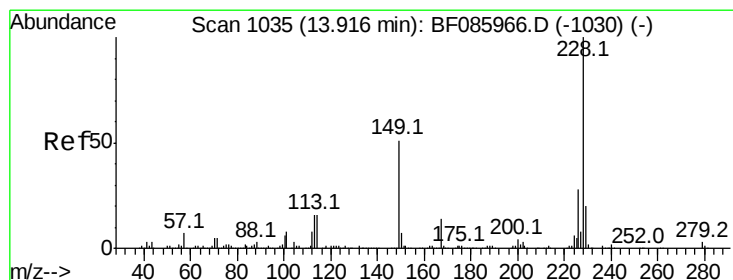
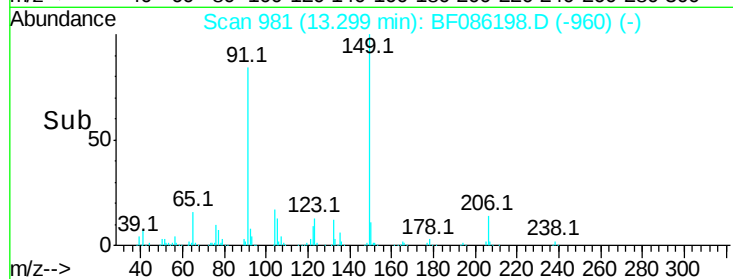
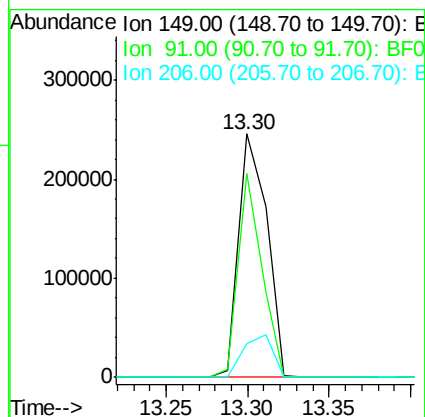
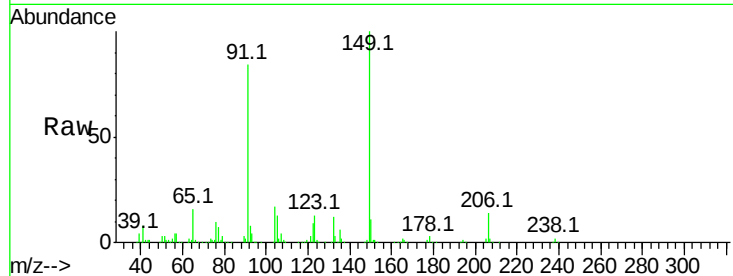
#79
Butylbenzylphthalate
Concen: 43.33 ng
RT: 13.30 min Scan# 981
Delta R.T. -0.06 min
Lab File: BF086198.D
Acq: 9 Apr 2016 5:18

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

Tot Ion	Ratio	Resp Lower	Resp Upper
149	100		
91	83.9	45.8	68.8#
206	13.9	17.8	26.8#

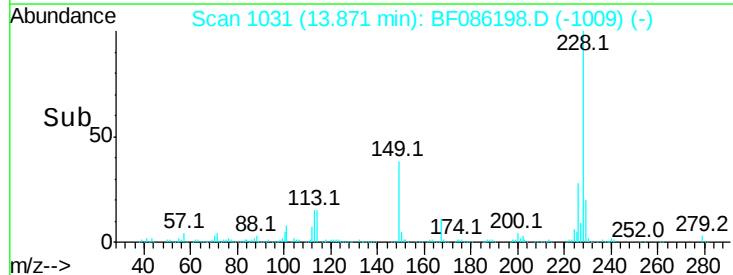
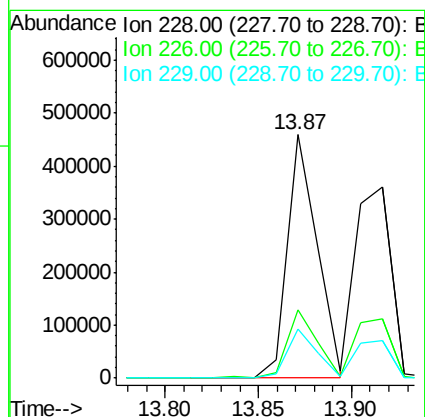
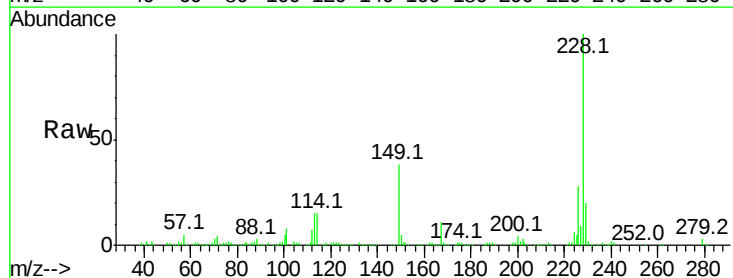
Manual Integrations
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#80
Benzo(a)anthracene
Concen: 40.88 ng
RT: 13.87 min Scan# 1031
Delta R.T. -0.05 min
Lab File: BF086198.D
Acq: 9 Apr 2016 5:18

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
226	27.9	22.1	33.1
229	20.0	16.2	24.4





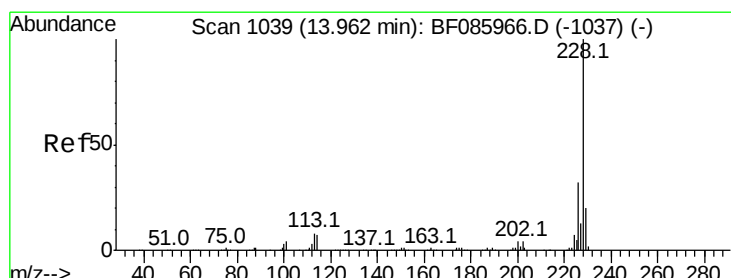
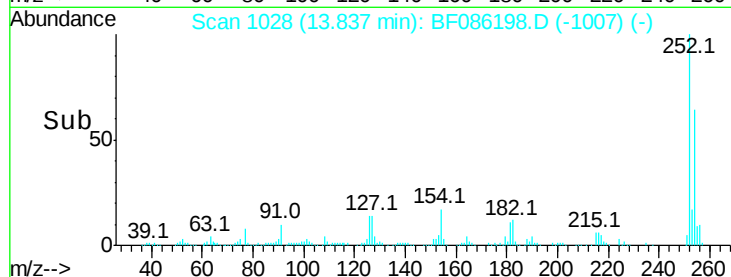
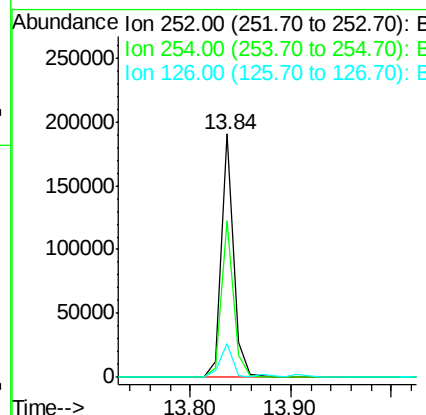
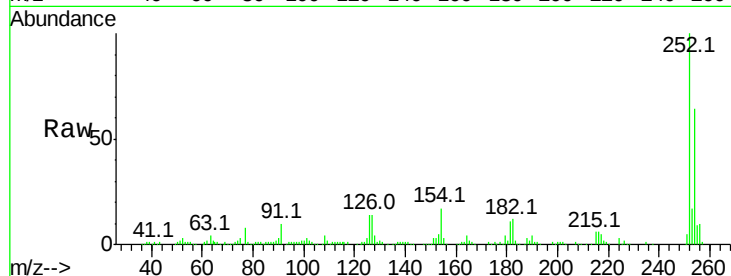
#81
 3,3'-Dichlorobenzidine
 Concen: 17.59 ng
 RT: 13.84 min Scan# 1028
 Delta R.T. -0.06 min
 Lab File: BF086198.D
 Acq: 9 Apr 2016 5:18

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

Tot Ion	Ratio	Lower	Upper
252	100		
254	64.1	50.7	76.1
126	13.8	11.8	17.6

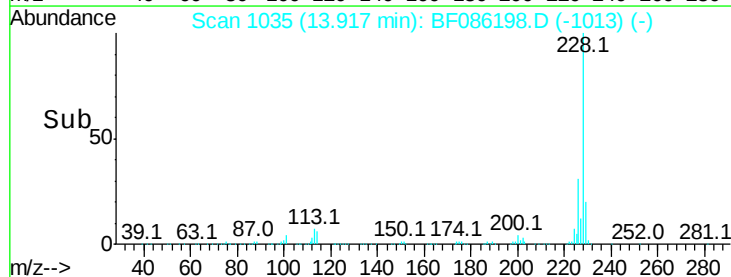
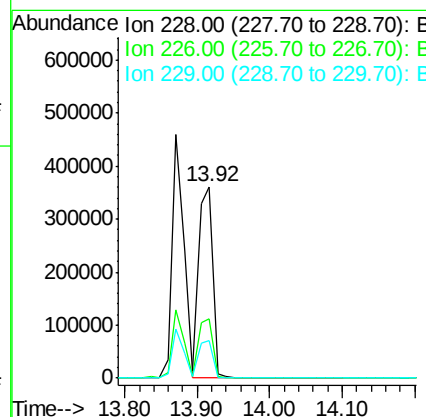
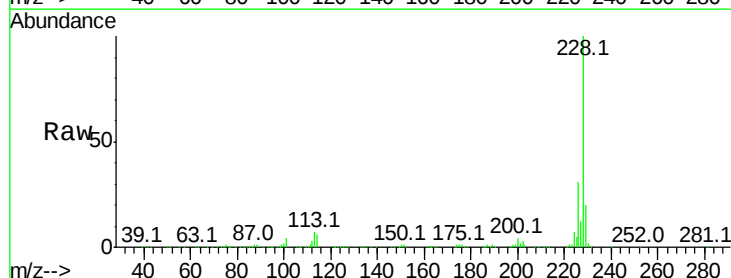
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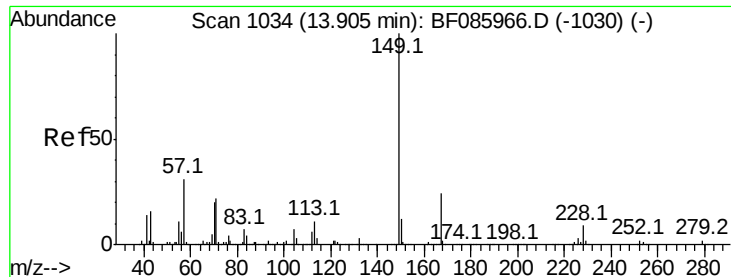
Sohil
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#82
 Chrysene
 Concen: 40.32 ng
 RT: 13.92 min Scan# 1035
 Delta R.T. -0.05 min
 Lab File: BF086198.D
 Acq: 9 Apr 2016 5:18

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.8	25.0	37.6
229	19.5	15.7	23.5





#83

Bis(2-ethylhexyl)phthalate

Concen: 45.45 ng

RT: 13.86 min Scan# 1030

Delta R.T. -0.05 min

Lab File: BF086198.D

Acq: 9 Apr 2016 5:18

Instrument :

BNA_F

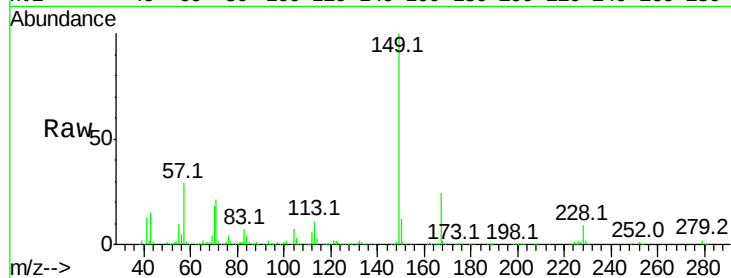
ClientSampleId :

AMBOY-SB-36(0.5-20.0)MSD

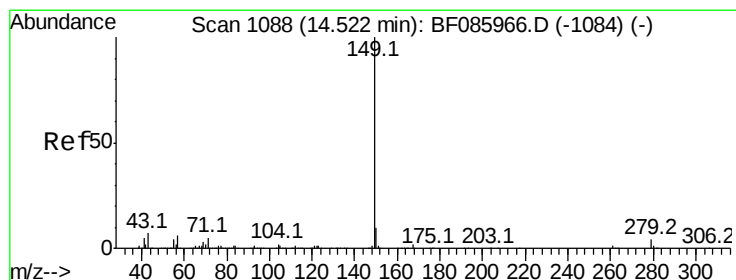
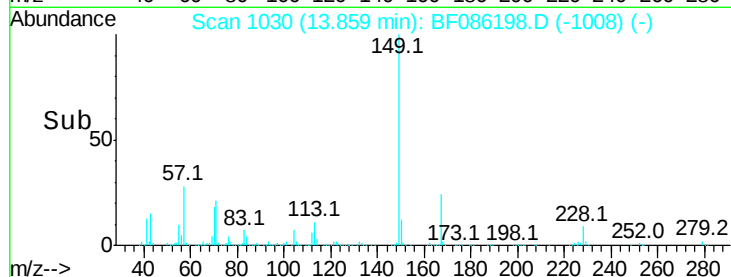
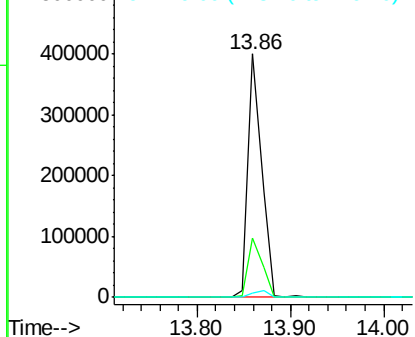
Tot Ion:	149	Resp:	407562
Ion Ratio	Lower	Upper	
149	100		
167	24.1	19.4	29.2
279	2.0	1.5	2.3

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Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 51.70 ng

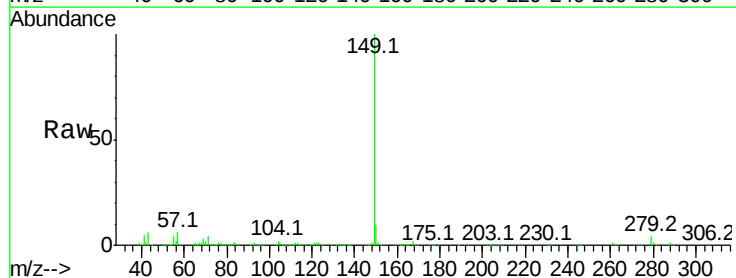
RT: 14.48 min Scan# 1084

Delta R.T. -0.05 min

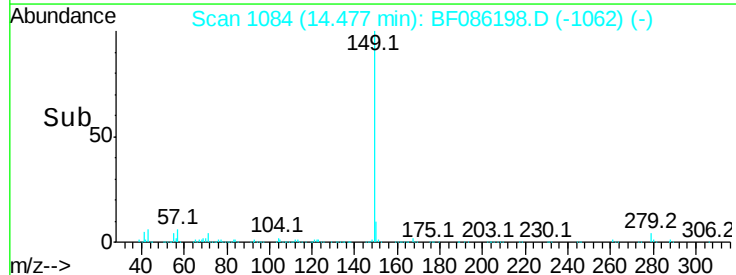
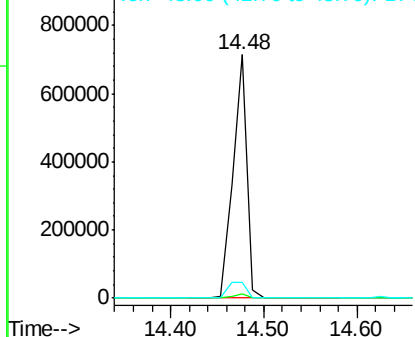
Lab File: BF086198.D

Acq: 9 Apr 2016 5:18

Tgt Ion:	149	Resp:	740216
Ion Ratio	Lower	Upper	
149	100		
167	1.6	1.2	1.8
43	8.5	7.1	10.7



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF0





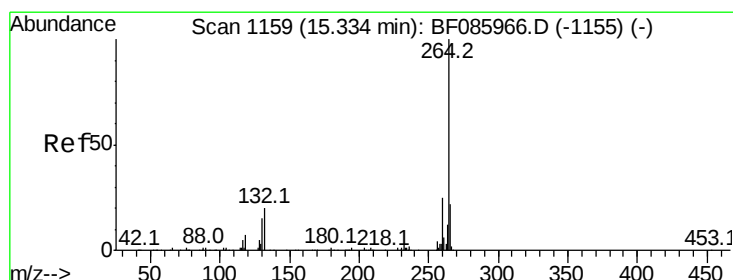
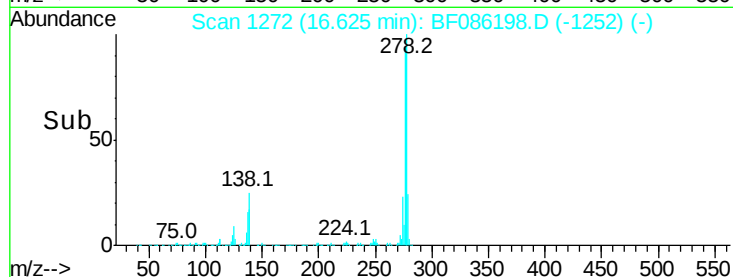
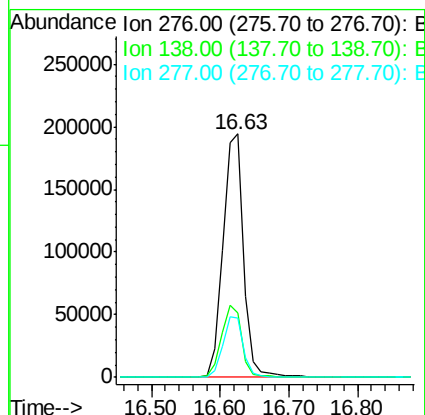
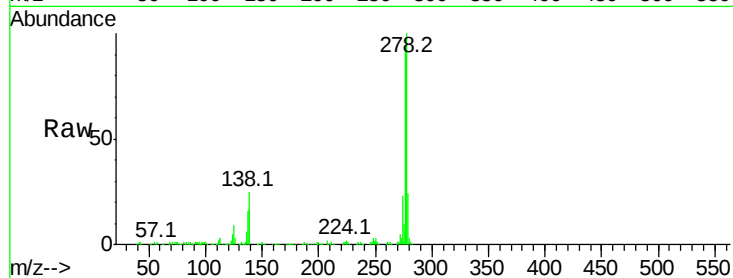
#85
Indeno(1,2,3-cd)pyrene
Concen: 42.05 ng
RT: 16.63 min Scan# 1272
Delta R.T. -0.07 min
Lab File: BF086198.D
Acq: 9 Apr 2016 5:18

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

Tot Ion:	276	Resp:	412458
Ion Ratio		Lower	Upper
276	100		
138	29.5	24.2	36.4
277	24.9	20.0	30.0

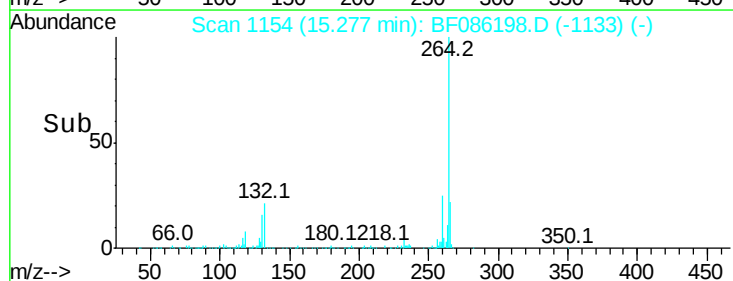
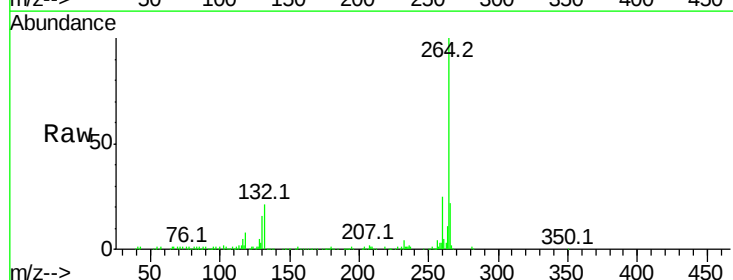
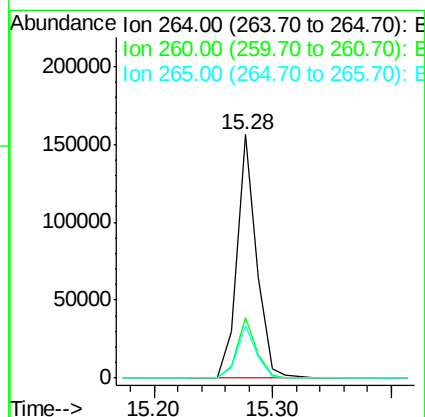
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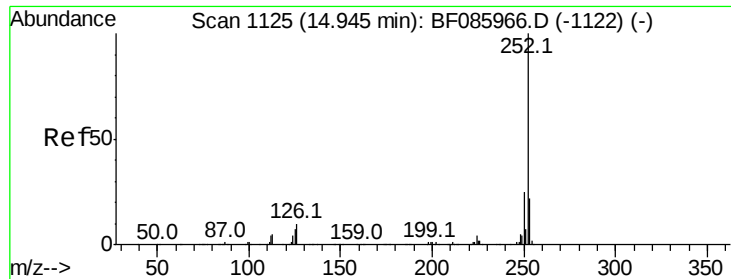
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#86
Perylene-d12
Concen: 20.00 ng
RT: 15.28 min Scan# 1154
Delta R.T. -0.06 min
Lab File: BF086198.D
Acq: 9 Apr 2016 5:18

Tgt Ion:	264	Resp:	178881
Ion Ratio		Lower	Upper
264	100		
260	24.6	19.4	29.2
265	21.9	17.2	25.8





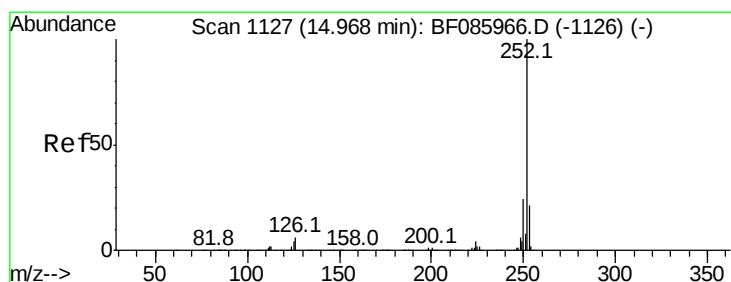
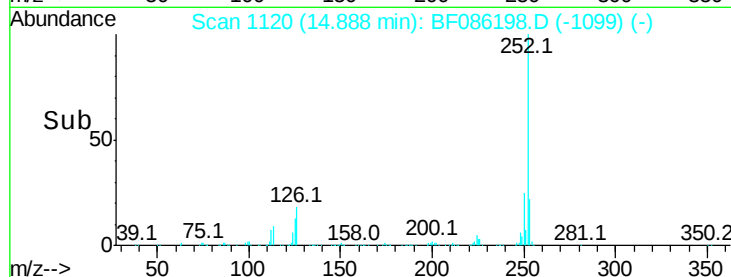
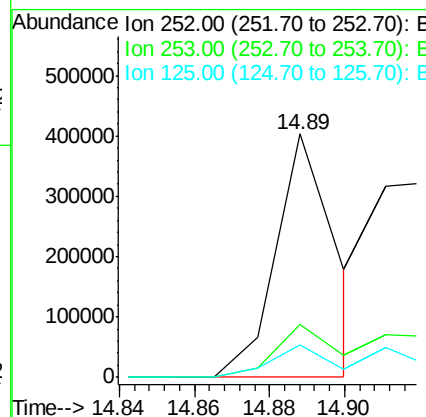
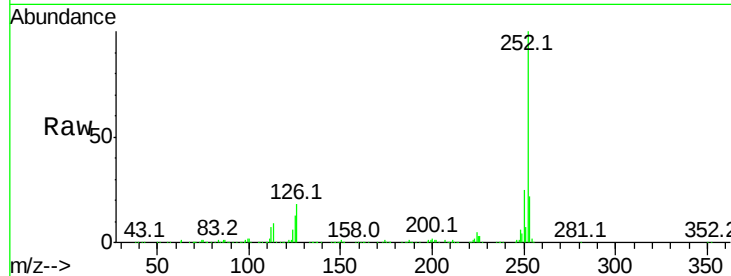
#87
Benzo(b)fluoranthene
Concen: 39.55 ng m
RT: 14.89 min Scan# 1120
Delta R.T. -0.06 min
Lab File: BF086198.D
Acq: 9 Apr 2016 5:18

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

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.6	26.4
125	13.2	10.3	15.5

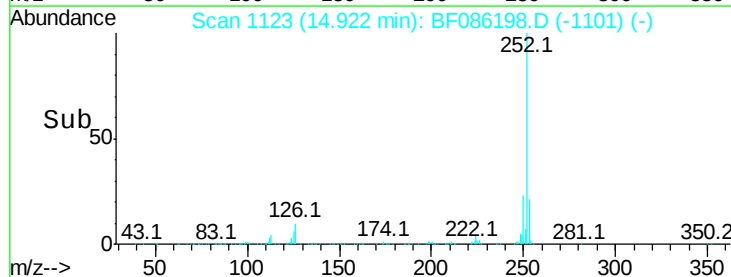
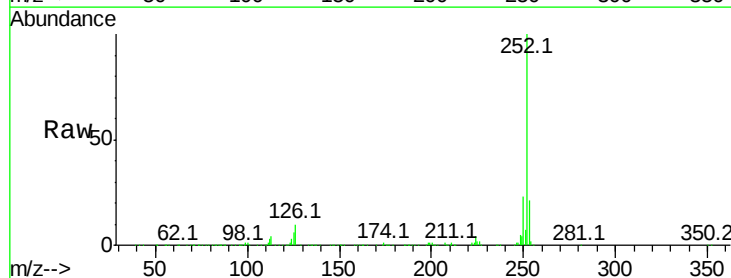
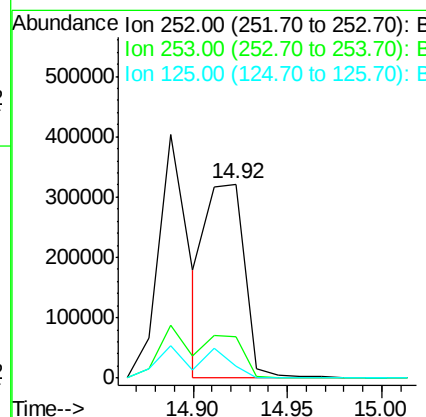
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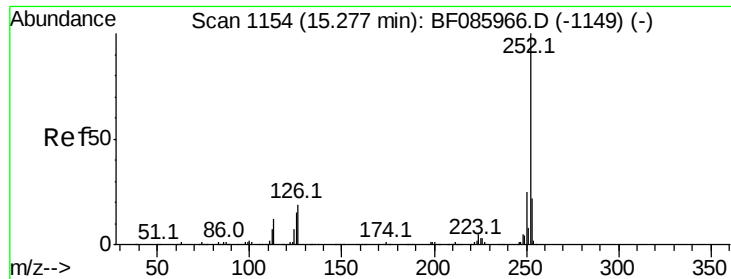
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#88
Benzo(k)fluoranthene
Concen: 45.88 ng m
RT: 14.92 min Scan# 1123
Delta R.T. -0.05 min
Lab File: BF086198.D
Acq: 9 Apr 2016 5:18

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.3	17.8	26.6
125	6.4	7.7	11.5#





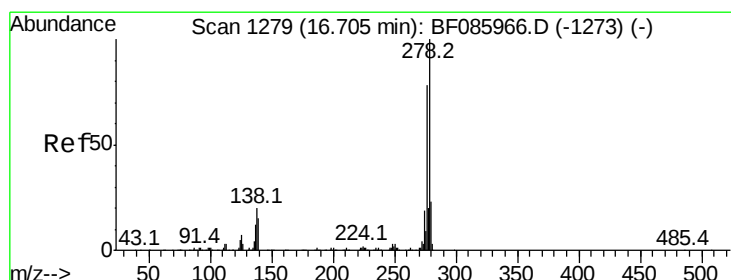
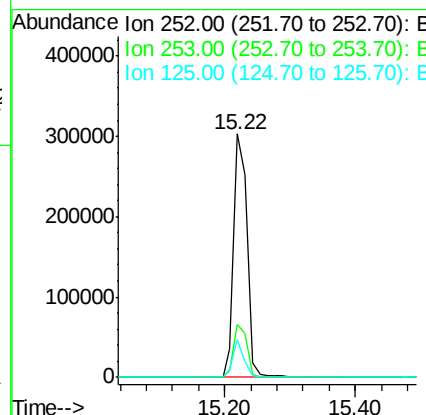
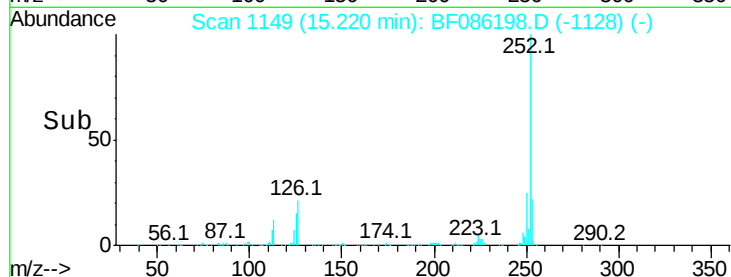
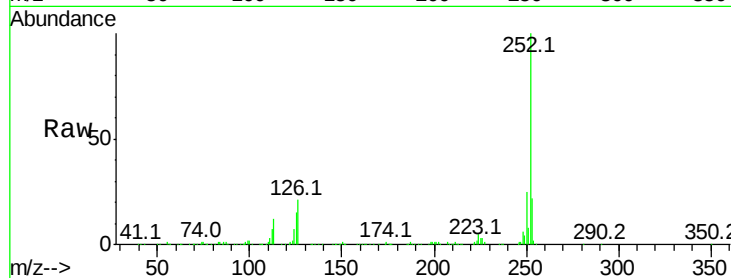
#89
Benzo(a)pyrene
Concen: 43.09 ng
RT: 15.22 min Scan# 1149
Delta R.T. -0.06 min
Lab File: BF086198.D
Acq: 9 Apr 2016 5:18

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

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.6	17.4	26.0
125	15.2	10.3	15.5

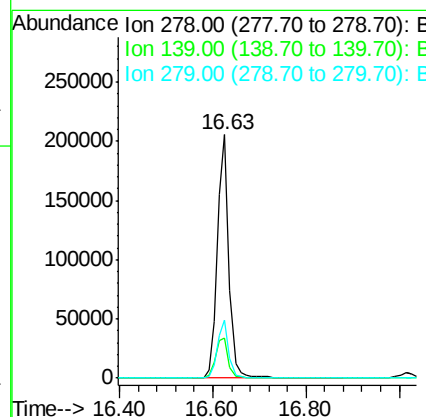
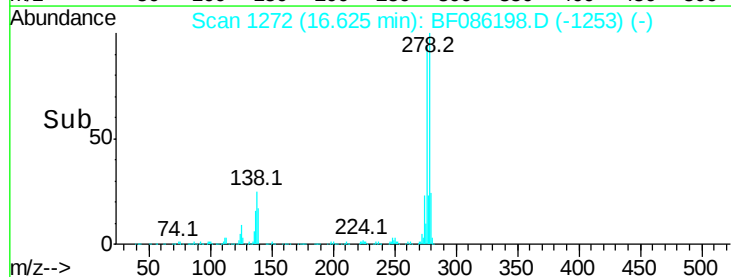
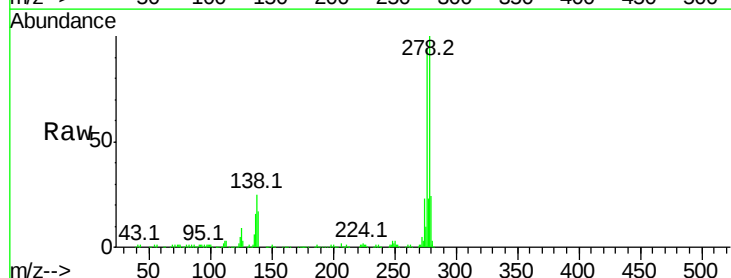
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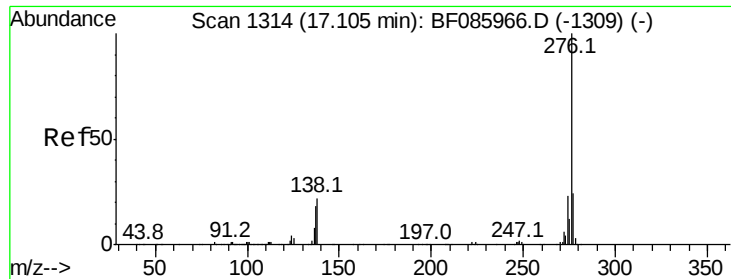
Sohil
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#90
Dibenzo(a,h)anthracene
Concen: 44.57 ng
RT: 16.63 min Scan# 1272
Delta R.T. -0.08 min
Lab File: BF086198.D
Acq: 9 Apr 2016 5:18

Tgt Ion	Ratio	Lower	Upper
278	100		
139	16.7	14.4	21.6
279	23.9	19.1	28.7





#91
 Benzo(a,h,i)perylene
 Concen: 42.12 ng
 RT: 17.01 min Scan# 1306
 Delta R.T. -0.09 min
 Lab File: BF086198.D
 Acq: 9 Apr 2016 5:18

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

Tot Ion:	276	Resp:	327015
Ion Ratio		Lower	Upper
276	100		
277	23.1	18.8	28.2
138	25.9	22.6	34.0

Manual Integrations
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