

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040816\
 Data File : BF086184.D
 Acq On : 8 Apr 2016 22:45
 Operator : UM/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Manual Integrations
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Sohil
 4/11/2016 5:45:19 PM

Quant Time: Apr 09 00:41:44 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	141735	20.00	ng	-0.05
21) Naphthalene-d8	8.02	136	599583	20.00	ng	-0.05
38) Acenaphthene-d10	9.77	164	271757	20.00	ng	-0.05
63) Phenanthrene-d10	11.25	188	504590	20.00	ng	-0.05
75) Chrysene-d12	13.88	240	350667	20.00	ng	-0.05
86) Perylene-d12	15.28	264	270475	20.00	ng	-0.06

System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	721262	86.98	ng	-0.05
7) Phenol-d6	6.38	99	854668	81.15	ng	-0.03
23) Nitrobenzene-d5	7.31	82	853910	83.99	ng	-0.03
41) 2,4,6-Tribromophenol	10.56	330	193580	75.89	ng	-0.05
44) 2-Fluorobiphenyl	9.09	172	1233301	75.46	ng	-0.05
78) Terphenyl-d14	12.83	244	1169766	78.41	ng	-0.05

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.24	88	174035	44.27	ng	100
3) Pyridine	2.92	79	392078	44.55	ng	100
4) n-Nitrosodimethylamine	2.89	42	158877	41.05	ng	98
6) Aniline	6.40	93	539770	39.06	ng	# 43
8) 2-Chlorophenol	6.51	128	405851	41.04	ng	88
9) Benzaldehyde	6.28	77	227642	40.17	ng	93
10) Phenol	6.40	94	513303	42.72	ng	# 72
11) bis(2-Chloroethyl)ether	6.48	93	426255	44.80	ng	97
12) 1,3-Dichlorobenzene	6.67	146	446849	42.64	ng	98
13) 1,4-Dichlorobenzene	6.75	146	440861	40.83	ng	92
14) 1,2-Dichlorobenzene	6.90	146	403575	40.61	ng	99
15) Benzyl Alcohol	6.89	79	260600	38.24	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.01	45	450552	38.77	ng	70
17) 2-Methylphenol	7.00	107	312030	40.02	ng	# 95
18) Hexachloroethane	7.23	117	162566	40.93	ng	# 81
19) n-Nitroso-di-n-propylamine	7.16	70	263332	40.34	ng	98
20) 3+4-Methylphenols	7.16	107	388717	40.99	ng	# 72
22) Acetophenone	7.15	105	546661	38.78	ng	# 92
24) Nitrobenzene	7.32	77	409294	36.80	ng	98
25) Isophorone	7.56	82	810024	40.36	ng	99
26) 2-Nitrophenol	7.64	139	238724	44.86	ng	97
27) 2,4-Dimethylphenol	7.69	122	403280	42.19	ng	97
28) bis(2-Chloroethoxy)methane	7.78	93	495489	42.08	ng	100
29) 2,4-Dichlorophenol	7.88	162	323126	39.99	ng	96
30) 1,2,4-Trichlorobenzene	7.96	180	368920	40.67	ng	96
31) Naphthalene	8.04	128	1191304	39.50	ng	99
32) Benzoic acid	7.85	122	240319	34.27	ng	98
33) 4-Chloroaniline	8.10	127	499828	41.03	ng	99
34) Hexachlorobutadiene	8.16	225	199190	40.85	ng	99
35) Caprolactam	8.49	113	99742	38.91	ng	99
36) 4-Chloro-3-methylphenol	8.59	107	355594	39.15	ng	99
37) 2-Methylnaphthalene	8.73	142	701165	35.59	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.90	216	355841	43.57	ng	99
40) Hexachlorocyclopentadiene	8.88	237	84270	37.79	ng	98

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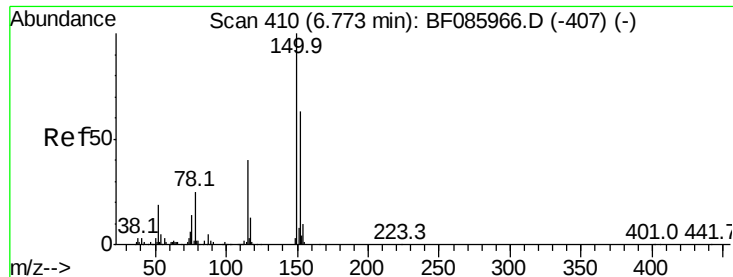
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.01	196	217469	41.46	nq	99
43) 2,4,5-Trichlorophenol	9.06	196	226452	42.52	nq	# 88
45) 1,1'-Biphenyl	9.20	154	963038	41.10	nq	96
46) 2-Chloronaphthalene	9.22	162	698086	41.10	nq	94
47) 2-Nitroaniline	9.32	65	194653	39.17	nq	94
48) Acenaphthylene	9.63	152	1033688	37.99	nq	100
49) Dimethylphthalate	9.50	163	846686	42.04	nq	99
50) 2,6-Dinitrotoluene	9.57	165	192252	45.11	nq	# 63
51) Acenaphthene	9.80	154	628825	38.86	nq	99
52) 3-Nitroaniline	9.74	138	211888	41.25	nq	# 73
53) 2,4-Dinitrophenol	9.86	184	71182	35.37	nq	# 74
54) Dibenzofuran	9.97	168	807093	37.77	nq	99
55) 4-Nitrophenol	9.92	139	112084	37.02	nq	98
56) 2,4-Dinitrotoluene	9.97	165	190970	35.46	nq	# 48
57) Fluorene	10.32	166	695120	38.08	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.10	232	164009	41.36	nq	95
59) Diethylphthalate	10.20	149	805387	39.62	nq	96
60) 4-Chlorophenyl-phenylether	10.30	204	320835	37.73	nq	99
61) 4-Nitroaniline	10.35	138	194733	38.50	nq	89
62) Azobenzene	10.46	77	756540	38.85	nq	98
64) 4,6-Dinitro-2-methylphenol	10.38	198	114947	37.59	nq	94
65) n-Nitrosodiphenylamine	10.43	169	587103	37.20	nq	99
66) 4-Bromophenyl-phenylether	10.80	248	223036	43.29	nq	97
67) Hexachlorobenzene	10.86	284	227668	42.74	nq	# 93
68) Atrazine	10.97	200	199391	39.11	nq	95
69) Pentachlorophenol	11.06	266	84079	33.68	nq	98
70) Phenanthrene	11.28	178	1079650	39.22	nq	100
71) Anthracene	11.32	178	993791	34.46	nq	100
72) Carbazole	11.48	167	862122	34.78	nq	99
73) Di-n-butylphthalate	11.81	149	1188732	38.70	nq	99
74) Fluoranthene	12.45	202	1017090	35.52	nq	99
76) Benzidine	12.59	184	442602	35.77	nq	99
77) Pyrene	12.68	202	998743	40.42	nq	99
79) Butylbenzylphthalate	13.30	149	516332	46.40	nq	# 71
80) Benzo(a)anthracene	13.87	228	843121	40.79	nq	99
81) 3,3'-Dichlorobenzidine	13.85	252	651868	43.18	nq	# 95
82) Chrysene	13.92	228	874404	43.92	nq	100
83) Bis(2-ethylhexyl)phthalate	13.86	149	644444	43.64	nq	99
84) Di-n-octyl phthalate	14.48	149	1134983	48.13	nq	98
85) Indeno(1,2,3-cd)pyrene	16.61	276	643751	39.85	nq	99
87) Benzo(b)fluoranthene	14.89	252	651094m	38.27	nq	
88) Benzo(k)fluoranthene	14.91	252	651659m	43.25	nq	
89) Benzo(a)pyrene	15.22	252	591997	39.27	nq	98
90) Dibenzo(a,h)anthracene	16.61	278	540883	44.59	nq	96
91) Benzo(g,h,i)perylene	17.01	276	536420	45.70	nq	95

(#) = 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: BF086184.D

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BNA_F

ClientSampleId :

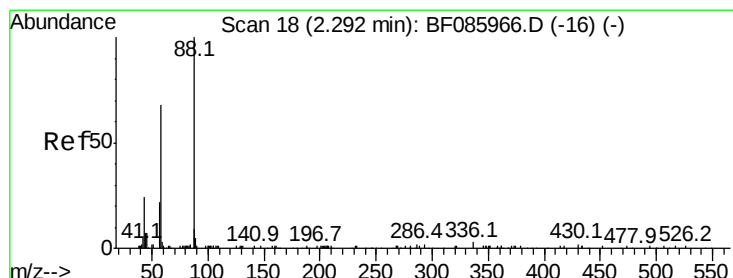
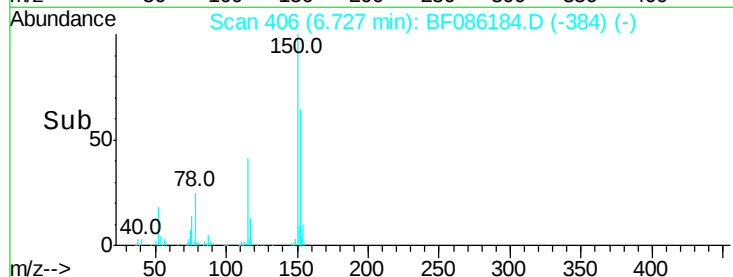
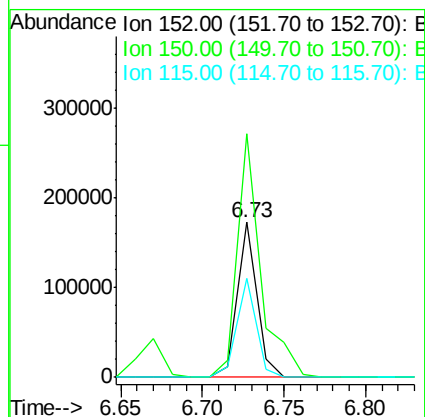
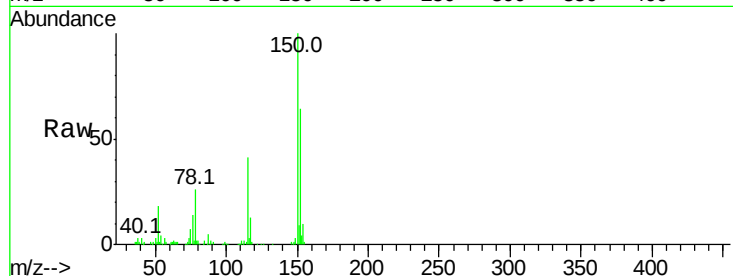
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Tot Ion:	152	Resp:	141735
Ion Ratio	Lower	Upper	
152	100		
150	157.1	124.2	186.2
115	64.0	47.0	70.6



#2

1,4-Dioxane

Concen: 44.27 ng

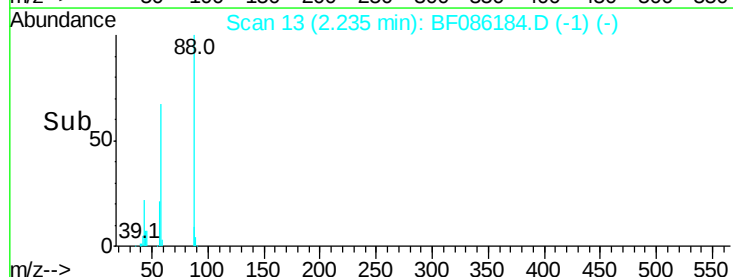
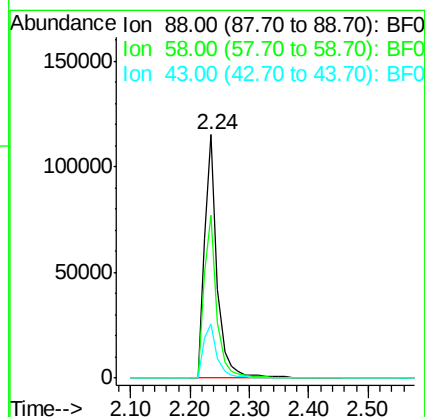
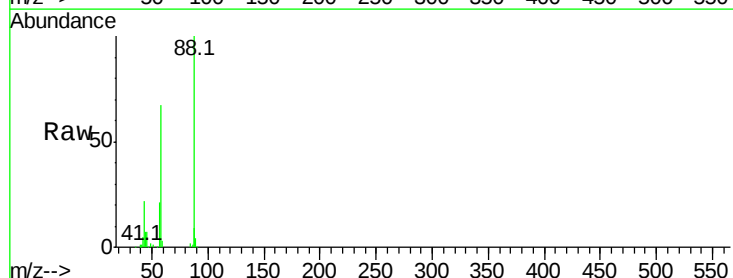
RT: 2.24 min Scan# 13

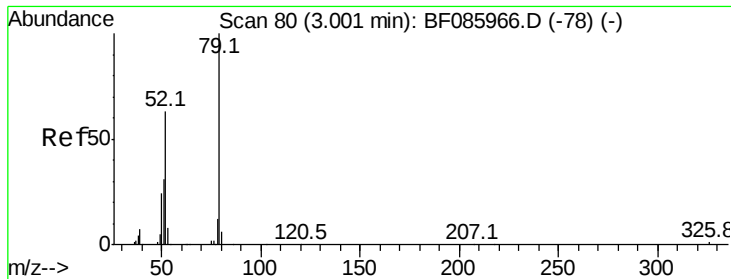
Delta R.T. -0.06 min

Lab File: BF086184.D

Acq: 8 Apr 2016 22:45

Tgt Ion:	88	Resp:	174035
Ion Ratio	Lower	Upper	
88	100		
58	67.2	54.2	81.2
43	24.0	19.3	28.9





#3

Pvridine

Concen: 44.55 ng

RT: 2.92 min Scan# 73

Delta R.T. -0.08 min

Lab File: BF086184.D

Acq: 8 Apr 2016 22:45

Instrument :

BNA_F

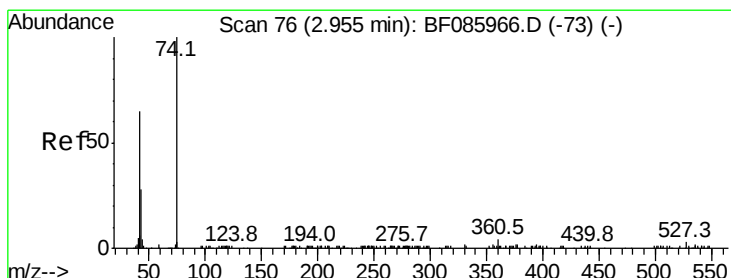
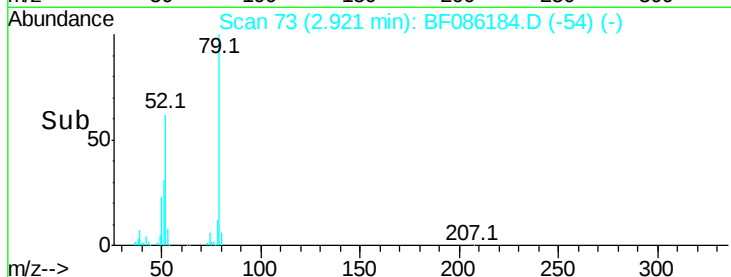
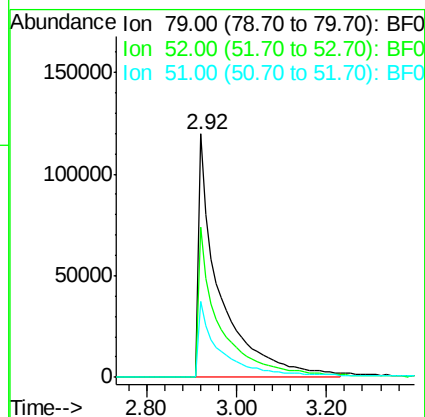
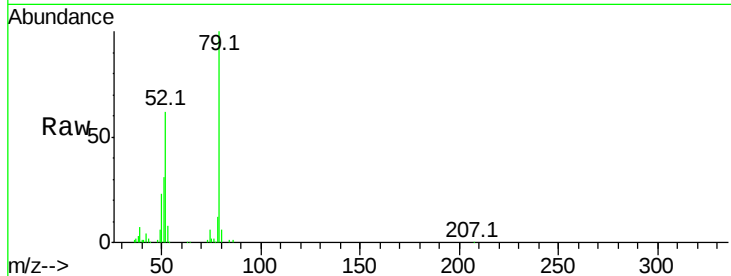
ClientSampleId :

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Tot Ion	Ion	Ratio	Resp	Lower	Upper
79	79	100	392078		
52	52	61.9		49.8	74.6
51	51	31.2		24.7	37.1

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#4

n-Nitrosodimethylamine

Concen: 41.05 ng

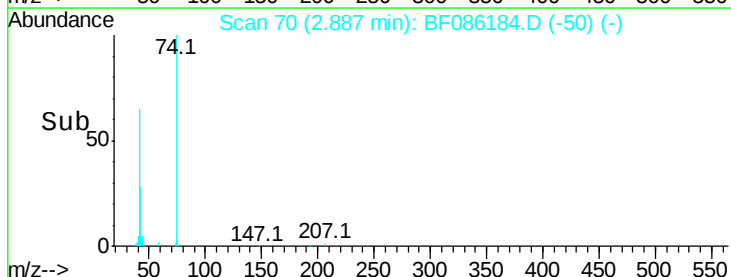
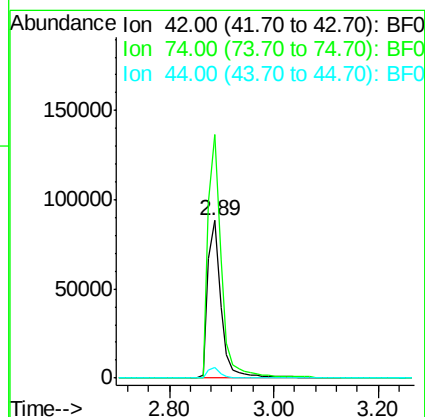
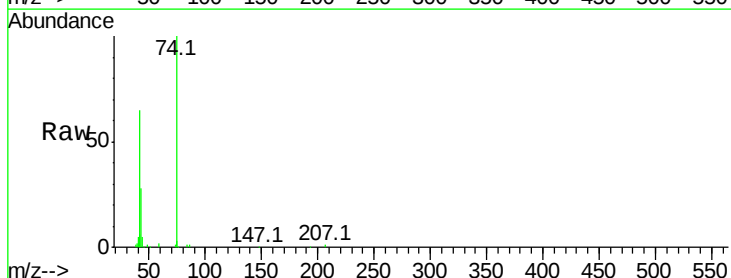
RT: 2.89 min Scan# 70

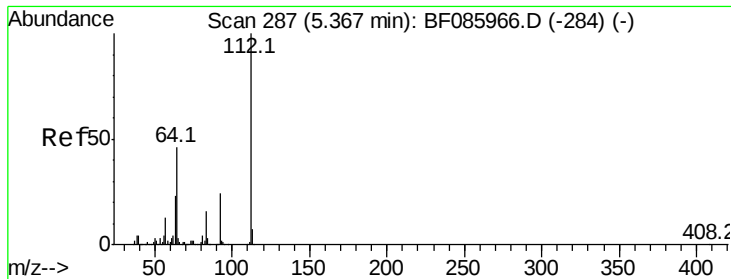
Delta R.T. -0.07 min

Lab File: BF086184.D

Acq: 8 Apr 2016 22:45

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
42	42	100	158877		
74	74	154.5		121.4	182.2
44	44	7.2		5.6	8.4





#5

2-Fluorophenol

Concen: 86.98 ng

RT: 5.32 min Scan# 283

Delta R.T. -0.05 min

Lab File: BF086184.D

Acq: 8 Apr 2016 22:45

Instrument :

BNA_F

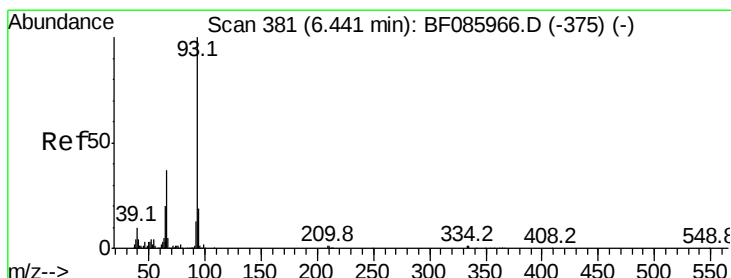
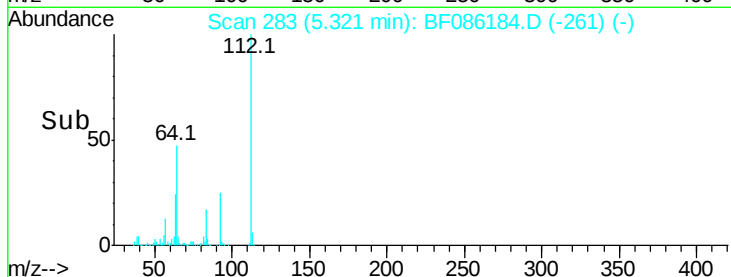
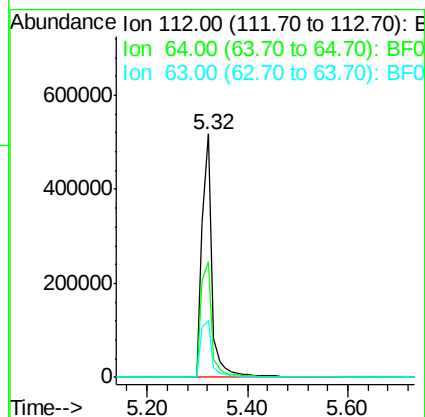
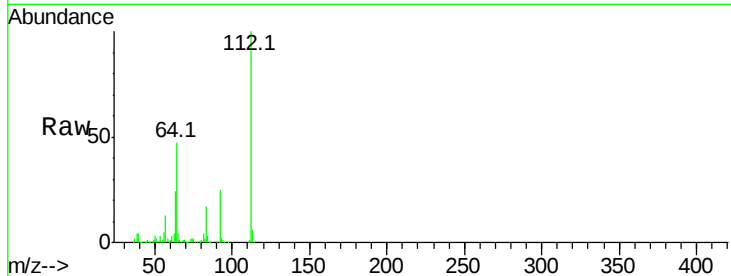
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Tot Ion	Ion	Ratio	Resp	Lower	Upper
112	100		721262		
64	47.5	39.9	59.9		
63	23.6	20.2	30.2		



#6

Aniline

Concen: 39.06 ng

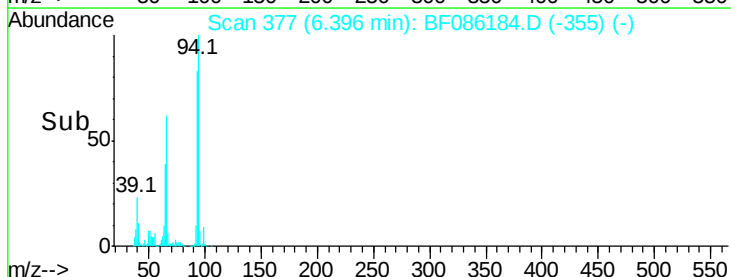
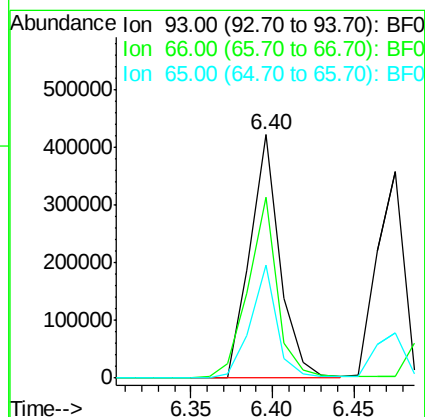
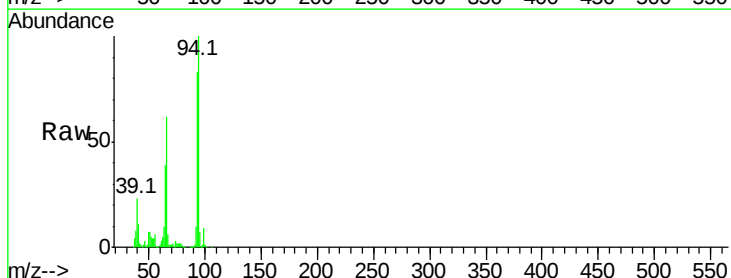
RT: 6.40 min Scan# 377

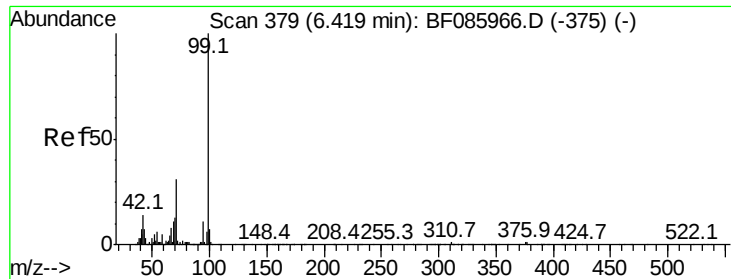
Delta R.T. -0.05 min

Lab File: BF086184.D

Acq: 8 Apr 2016 22:45

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
93	100		539770		
66	74.2	31.4	47.2#		
65	46.3	15.7	23.5#		





#7

Phenol-d6

Concen: 81.15 ng

RT: 6.38 min Scan# 376

Delta R.T. -0.03 min

Lab File: BF086184.D

Acq: 8 Apr 2016 22:45

Instrument :

BNA_F

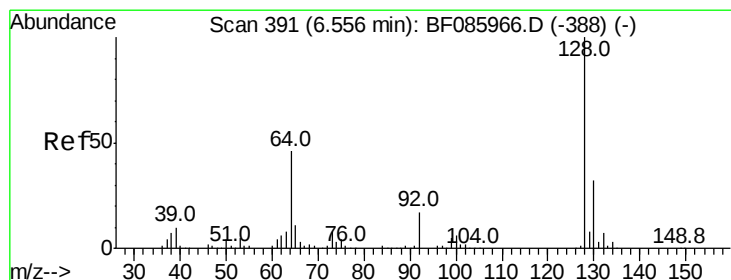
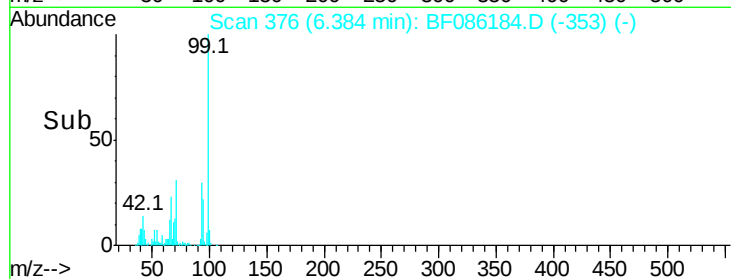
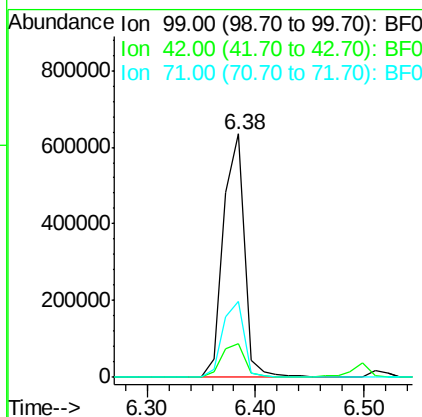
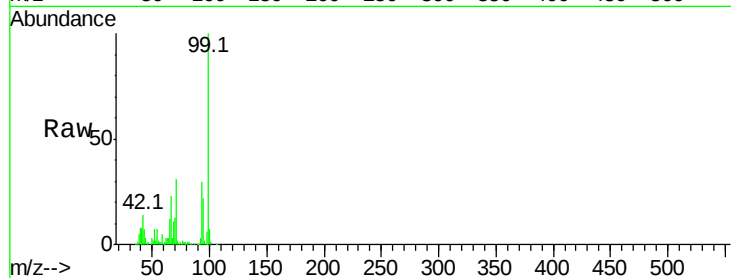
ClientSampleId :

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Tot Ion:	99	Resp:	854668
Ion Ratio	Lower	Upper	
99	100		
42	13.9	11.1	16.7
71	31.4	24.9	37.3

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#8

2-Chlorophenol

Concen: 41.04 ng

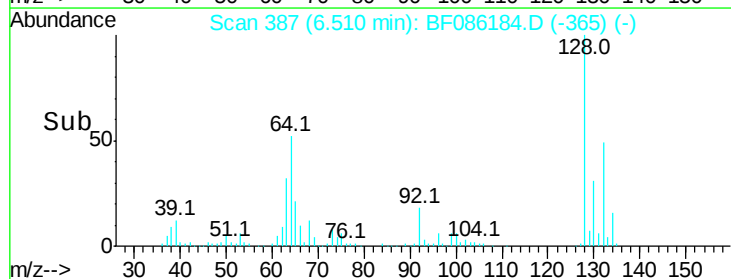
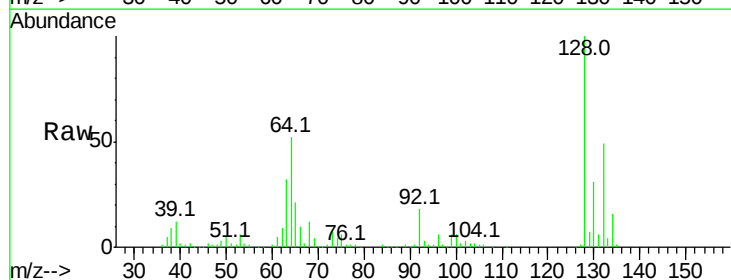
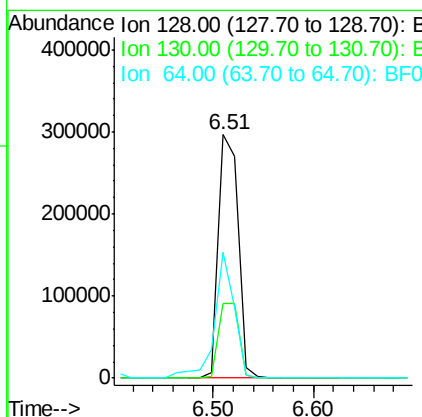
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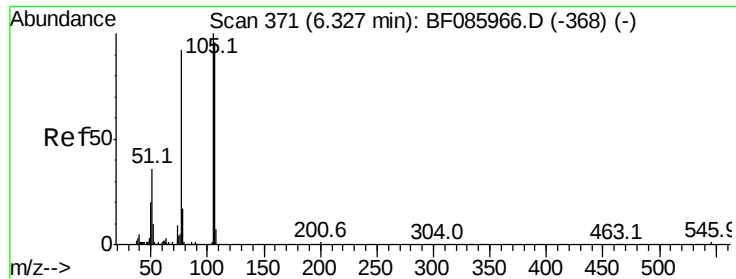
Delta R.T. -0.05 min

Lab File: BF086184.D

Acq: 8 Apr 2016 22:45

Tgt Ion:	128	Resp:	405851
Ion Ratio	Lower	Upper	
128	100		
130	30.9	12.9	52.9
64	51.9	20.2	60.2





#9

Benzaldehyde

Concen: 40.17 ng

RT: 6.28 min Scan# 367

Delta R.T. -0.05 min

Lab File: BF086184.D

Acq: 8 Apr 2016 22:45

Instrument :

BNA_F

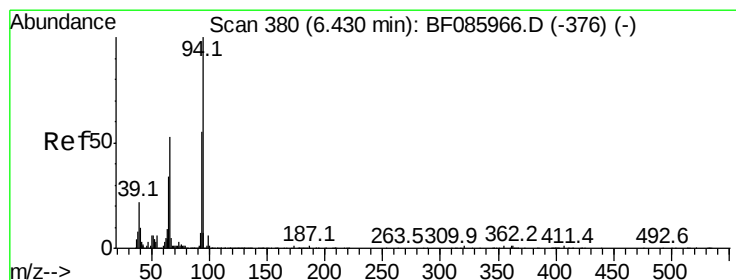
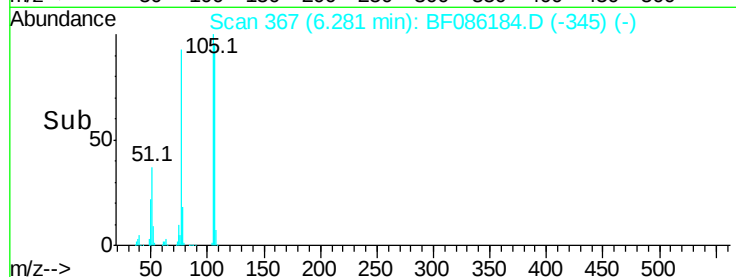
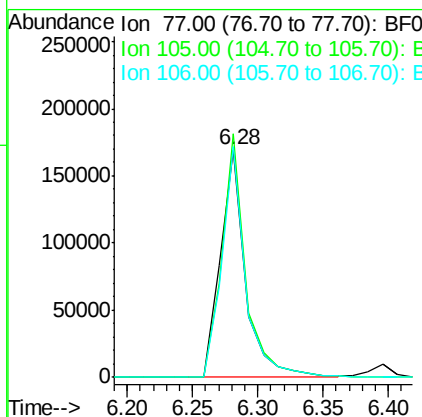
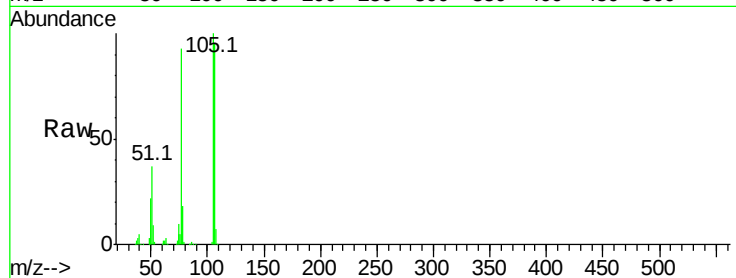
ClientSampleId :

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Tot Ion	Ratio	Lower	Upper
77	100		
105	107.1	80.1	120.1
106	101.7	75.0	115.0



#10

Phenol

Concen: 42.72 ng

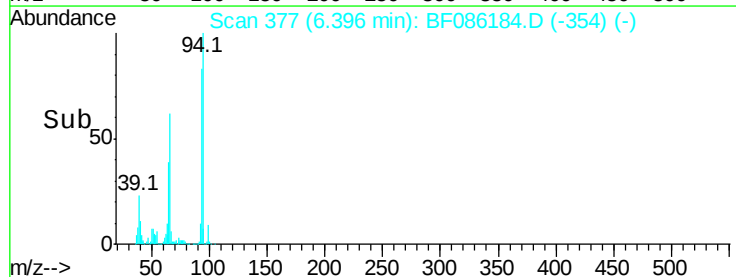
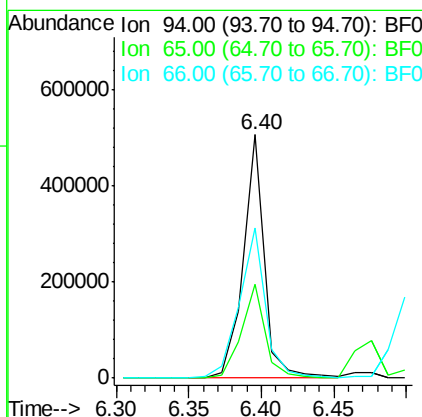
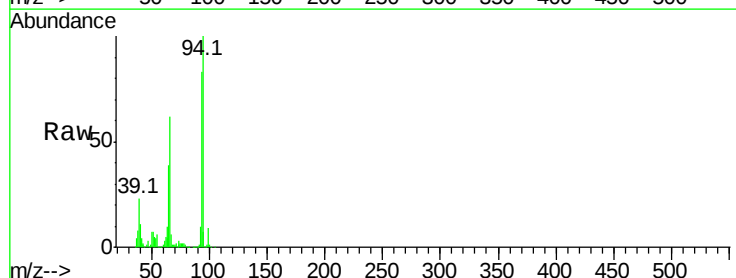
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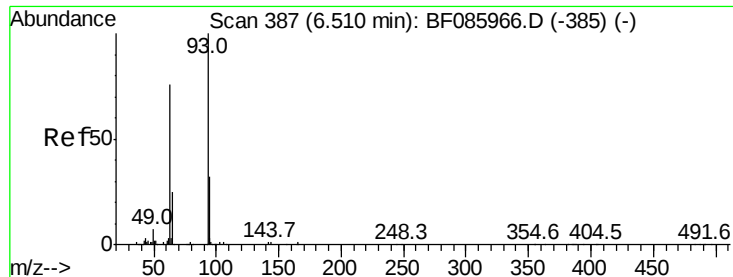
Delta R.T. -0.03 min

Lab File: BF086184.D

Acq: 8 Apr 2016 22:45

Tgt Ion	Ratio	Lower	Upper
94	100		
65	38.5	8.6	48.6
66	61.7	20.0	60.0





#11

bis(2-Chloroethyl)ether

Concen: 44.80 ng

RT: 6.48 min Scan# 384

Delta R.T. -0.03 min

Lab File: BF086184.D

Acq: 8 Apr 2016 22:45

Instrument :

BNA_F

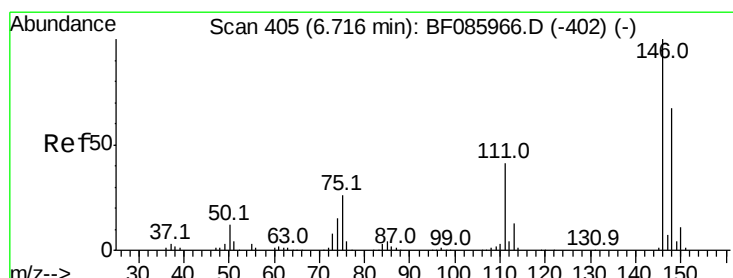
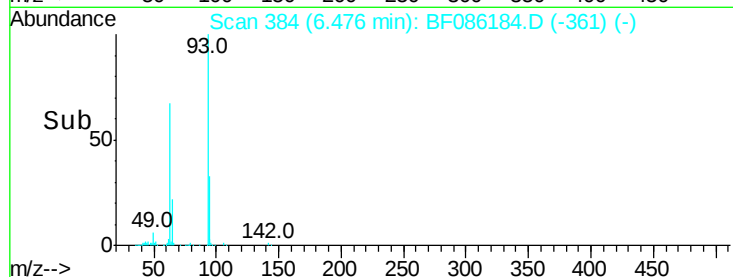
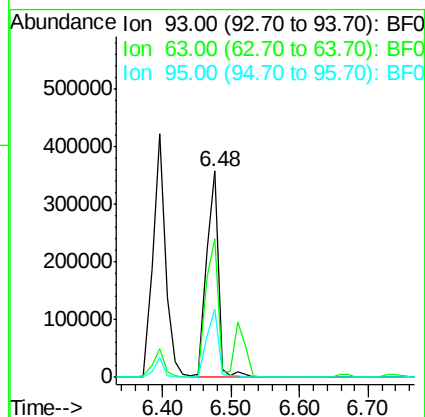
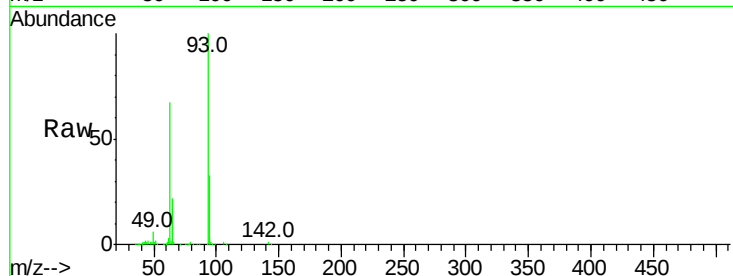
ClientSampleId :

SSTDCCC040

Tot Ion:	93	Resp:	426255
Ion Ratio	Lower	Upper	
93	100		
63	67.0	50.9	90.9
95	33.4	13.3	53.3

Manual Integrations
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#12

1,3-Dichlorobenzene

Concen: 42.64 ng

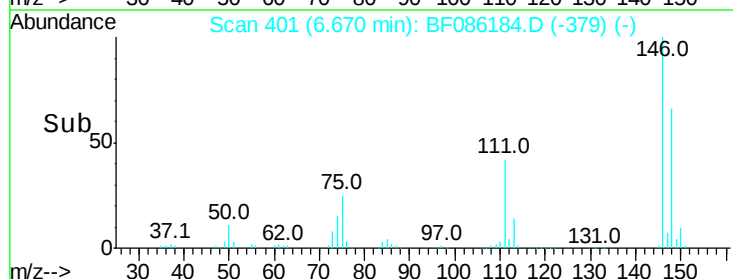
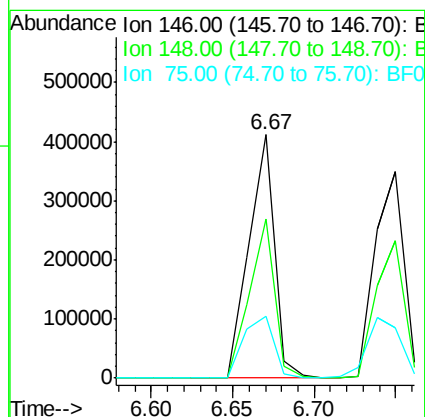
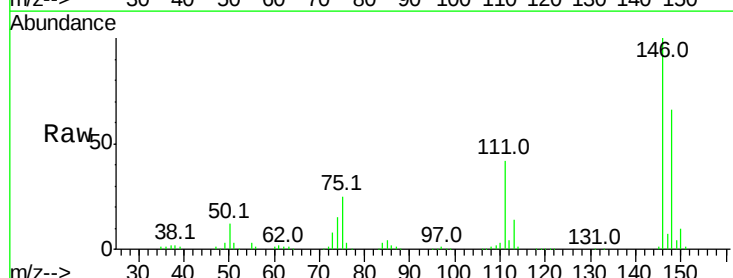
RT: 6.67 min Scan# 401

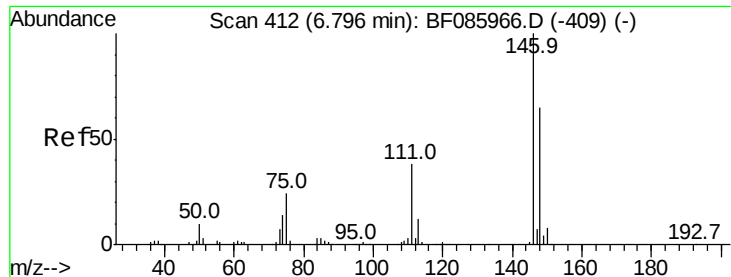
Delta R.T. -0.05 min

Lab File: BF086184.D

Acq: 8 Apr 2016 22:45

Tgt Ion:	146	Resp:	446849
Ion Ratio	Lower	Upper	
146	100		
148	65.5	52.3	78.5
75	25.4	17.4	26.2





#13

1,4-Dichlorobenzene

Concen: 40.83 ng

RT: 6.75 min Scan# 408

Delta R.T. -0.05 min

Lab File: BF086184.D

Acq: 8 Apr 2016 22:45

Instrument :

BNA_F

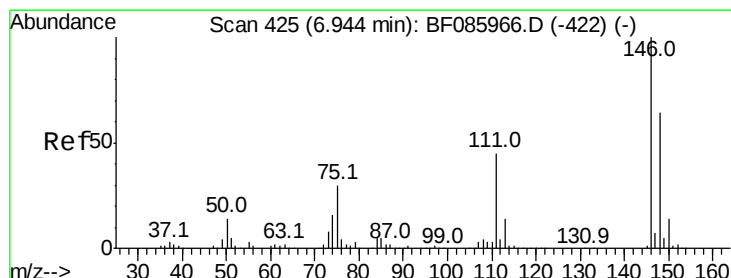
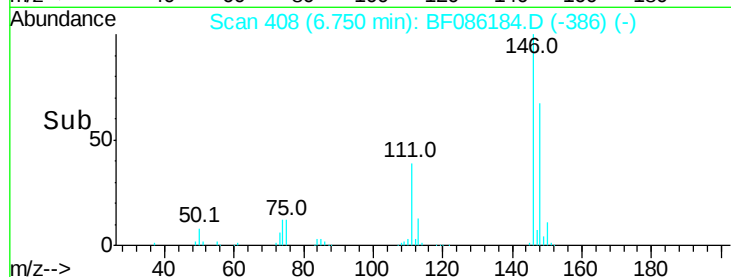
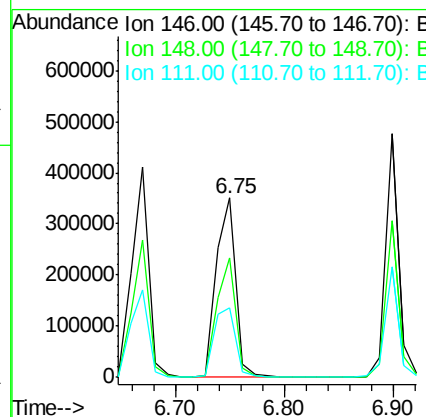
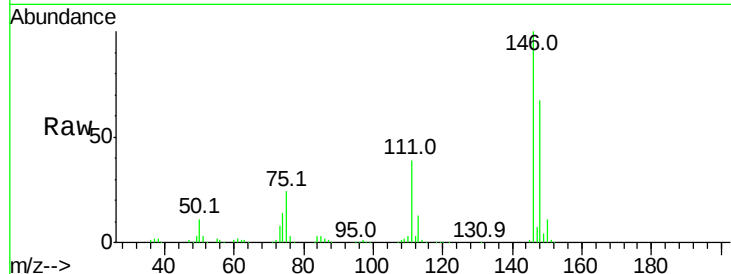
ClientSampleId :

SSTDCCC040

Tot Ion:	146	Resp:	440861
Ion Ratio	Lower	Upper	
146	100		
148	66.6	50.6	76.0
111	38.6	37.8	56.6

Manual Integrations
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#14

1,2-Dichlorobenzene

Concen: 40.61 ng

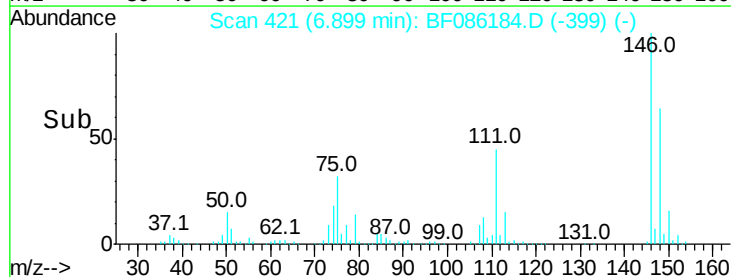
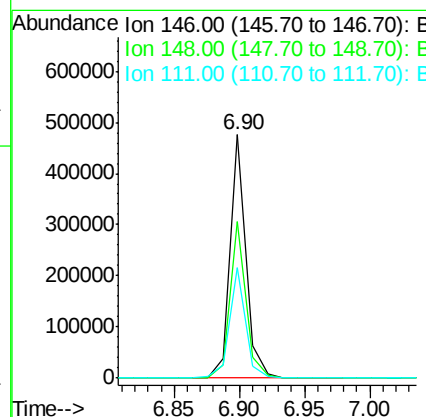
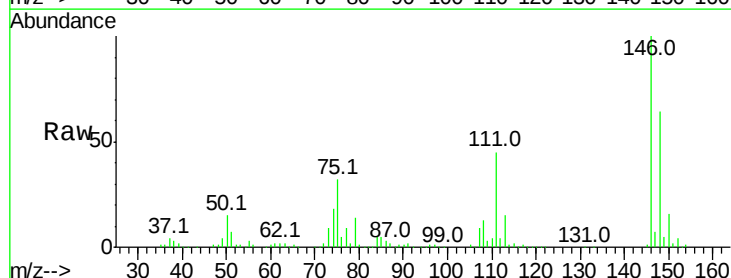
RT: 6.90 min Scan# 421

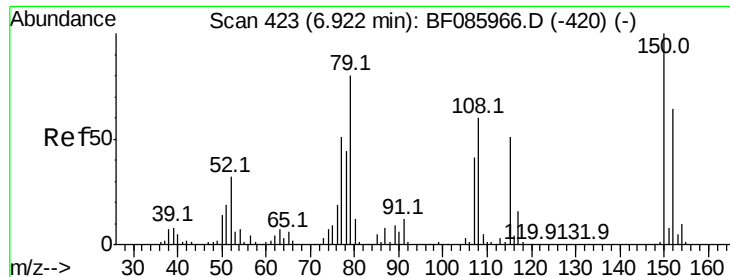
Delta R.T. -0.05 min

Lab File: BF086184.D

Acq: 8 Apr 2016 22:45

Tgt Ion:	146	Resp:	403575
Ion Ratio	Lower	Upper	
146	100		
148	64.2	51.4	77.2
111	45.4	34.6	52.0





#15

Benzyl Alcohol

Concen: 38.24 ng

RT: 6.89 min Scan# 420

Delta R.T. -0.03 min

Lab File: BF086184.D

Acq: 8 Apr 2016 22:45

Instrument :

BNA_F

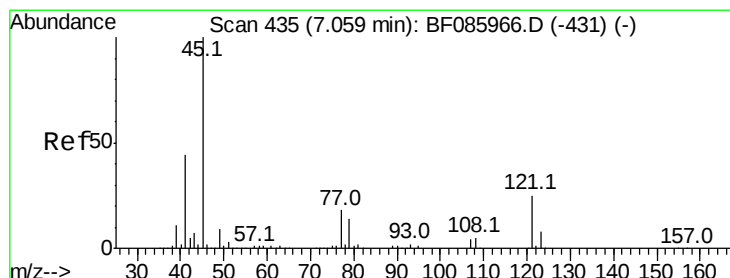
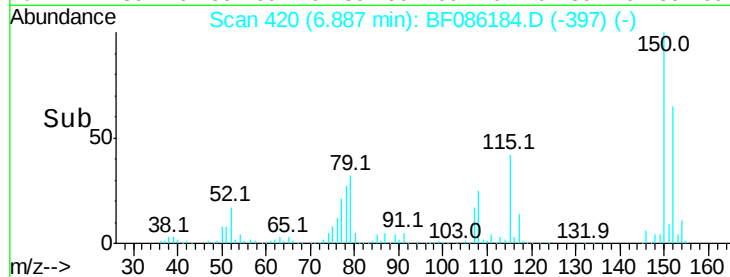
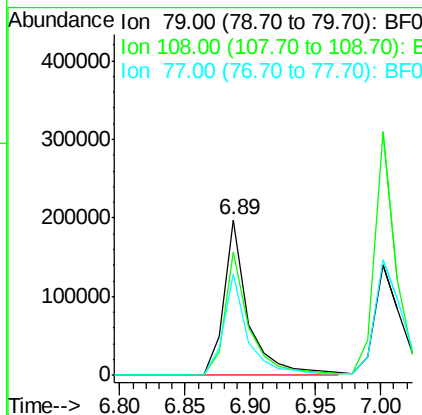
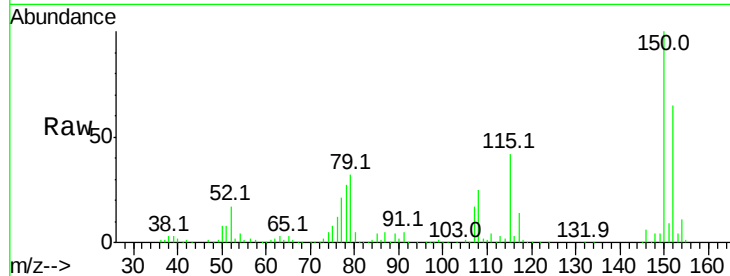
ClientSampleId :

SSTDCCC040

Tot Ion:	79	Resp:	260600
Ion Ratio	Lower	Upper	
79	100		
108	79.3	61.8	92.6
77	64.9	49.6	74.4

Manual Integrations
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#16

2,2'-oxybis(1-Chloropropane)

Concen: 38.77 ng

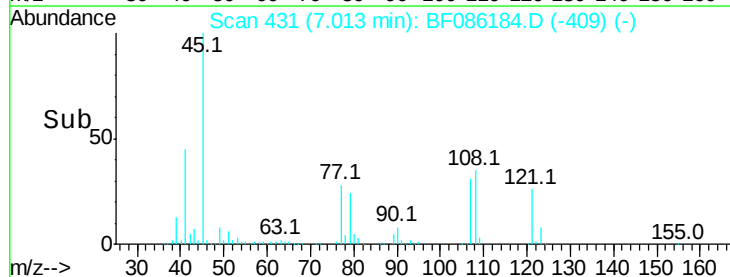
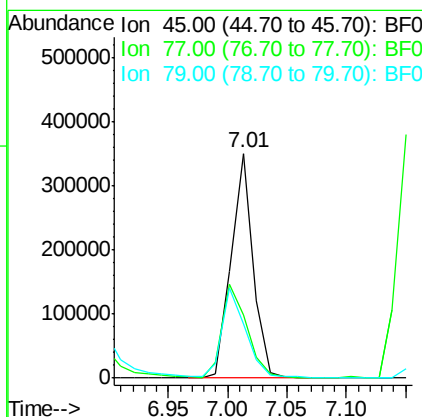
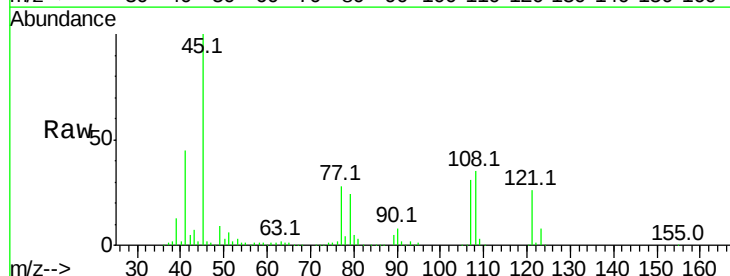
RT: 7.01 min Scan# 431

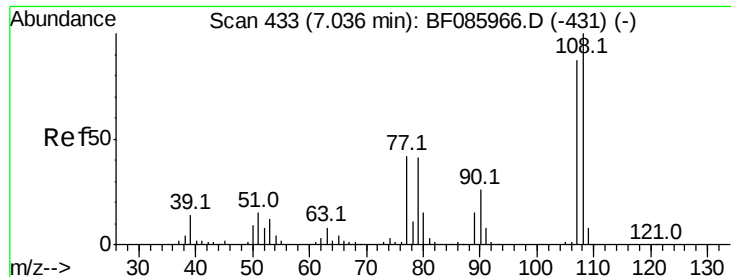
Delta R.T. -0.05 min

Lab File: BF086184.D

Acq: 8 Apr 2016 22:45

Tgt Ion:	45	Resp:	450552
Ion Ratio	Lower	Upper	
45	100		
77	28.1	0.0	35.7
79	24.2	0.0	32.2





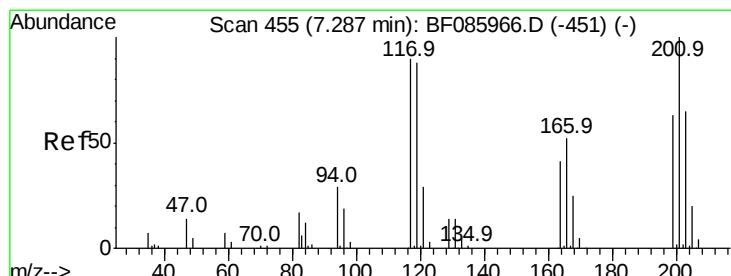
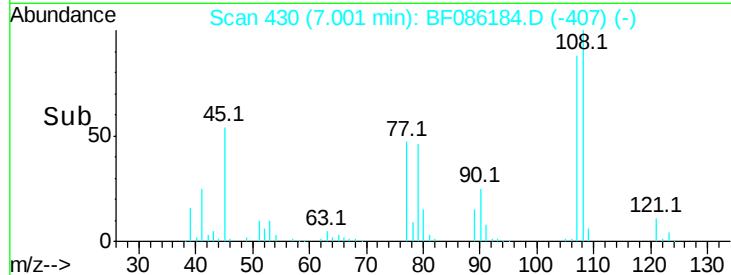
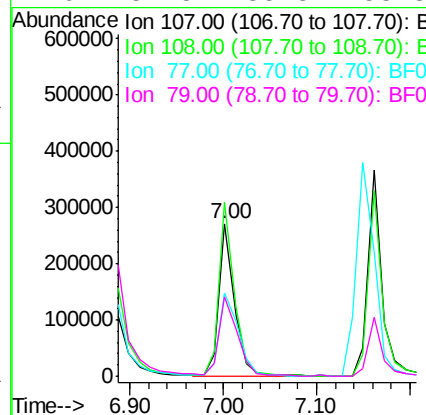
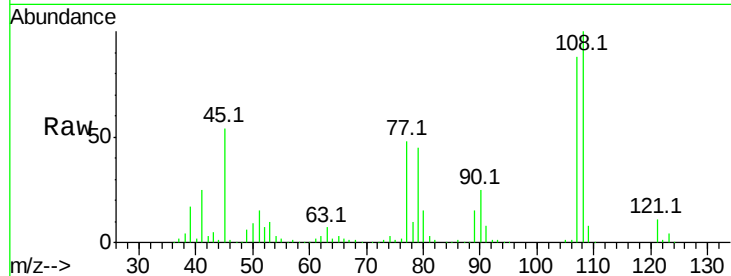
#17
2-Methylphenol
Concen: 40.02 ng
RT: 7.00 min Scan# 430
Delta R.T. -0.03 min
Lab File: BF086184.D
Acq: 8 Apr 2016 22:45

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	114.2	91.4	137.0	
77	54.3	36.2	54.2#	
79	51.8	35.8	53.8	

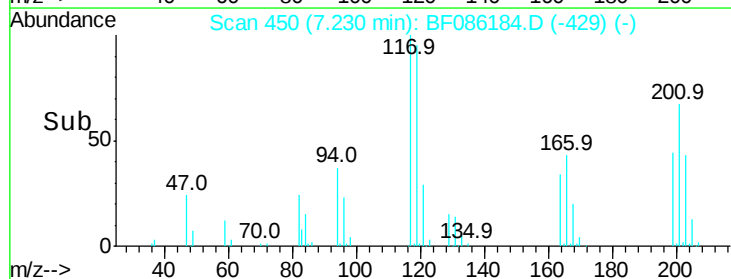
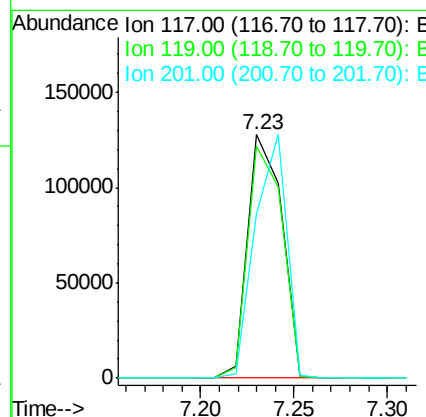
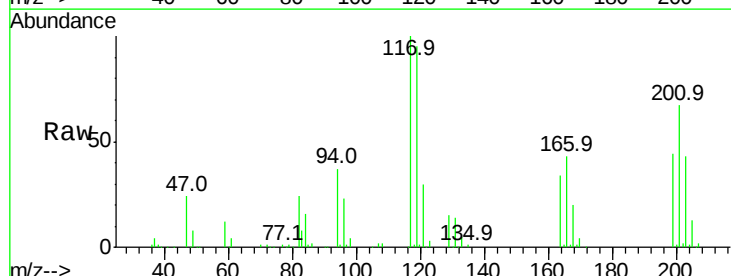
Manual Integrations
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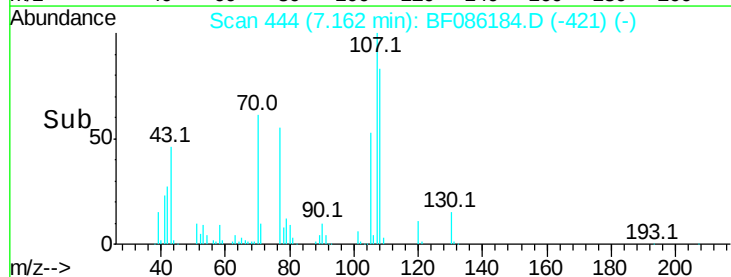
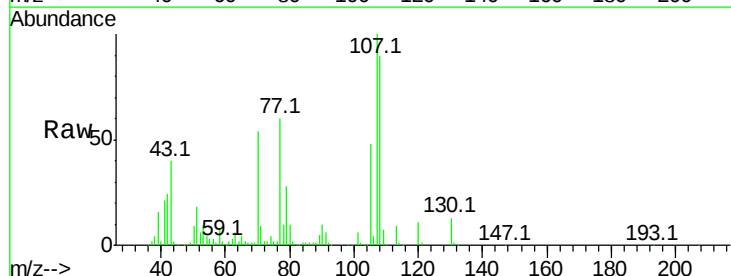
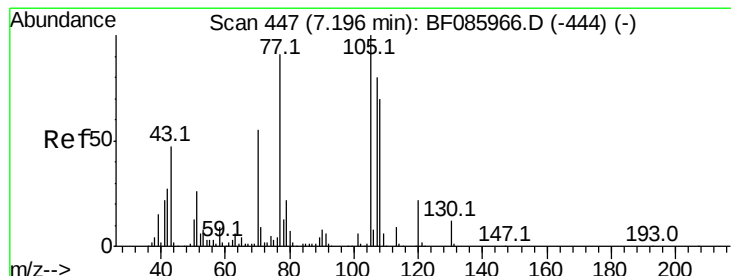
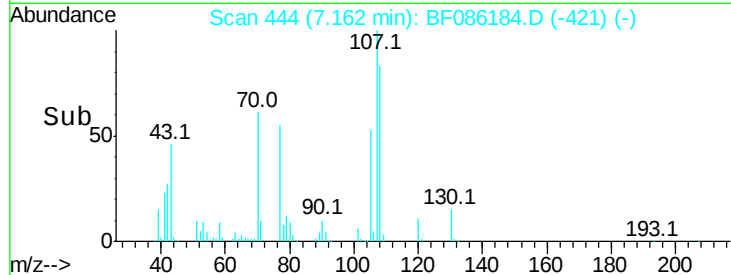
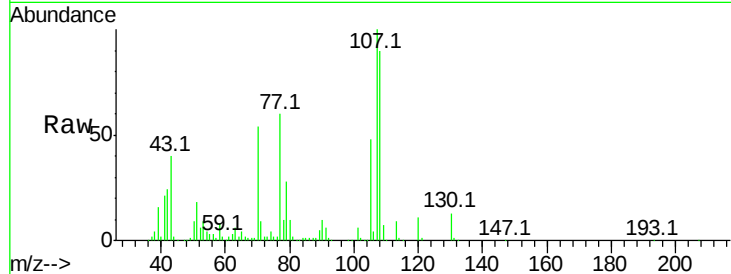
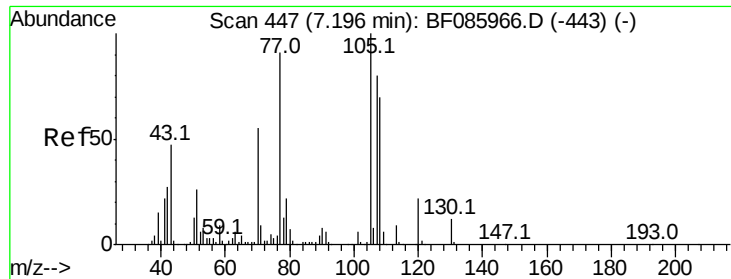
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#18
Hexachloroethane
Concen: 40.93 ng
RT: 7.23 min Scan# 450
Delta R.T. -0.06 min
Lab File: BF086184.D
Acq: 8 Apr 2016 22:45

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	95.2	76.7	115.1	
201	67.2	83.3	124.9#	





#19

n-Nitroso-di-n-propylamine

Concen: 40.34 ng

RT: 7.16 min Scan# 444

Delta R.T. -0.03 min

Lab File: BF086184.D

Acq: 8 Apr 2016 22:45

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion: 70 Resp: 263332

Ion Ratio Lower Upper

70 100

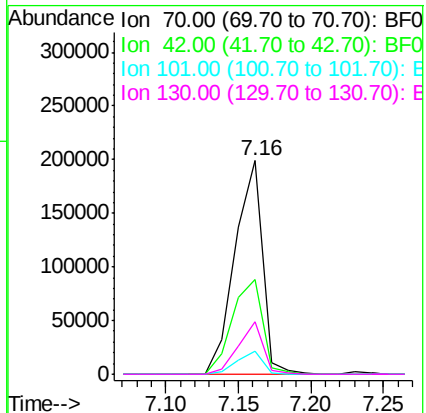
42 44.7 37.1 55.7

101 10.5 8.6 12.8

130 24.4 19.6 29.4

Manual Integrations
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#20

3+4-Methylphenols

Concen: 40.99 ng

RT: 7.16 min Scan# 444

Delta R.T. -0.03 min

Lab File: BF086184.D

Acq: 8 Apr 2016 22:45

Tgt Ion:107 Resp: 388717

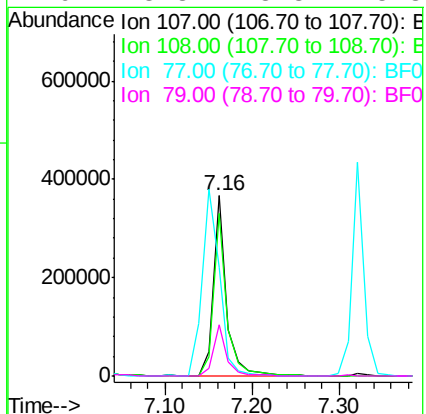
Ion Ratio Lower Upper

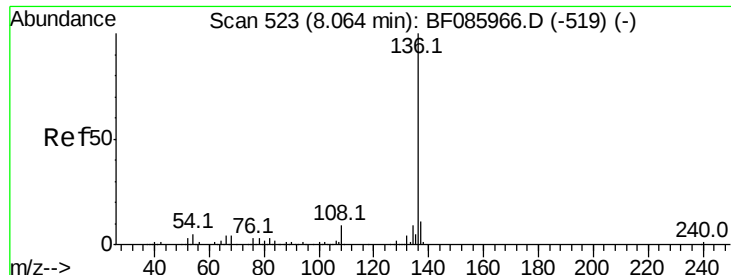
107 100

108 90.1 69.3 109.3

77 60.2 101.7 141.7#

79 28.3 8.3 48.3





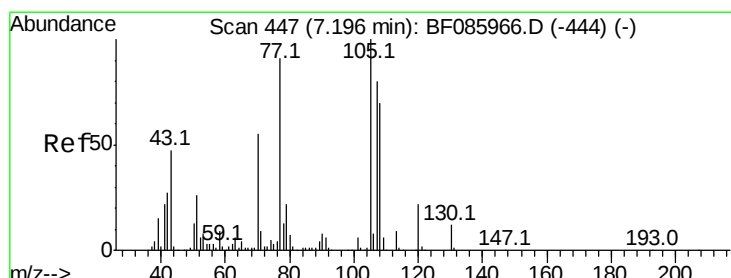
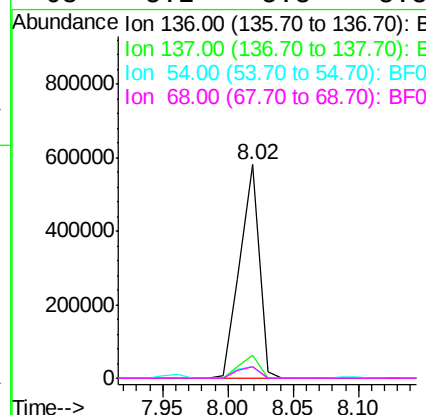
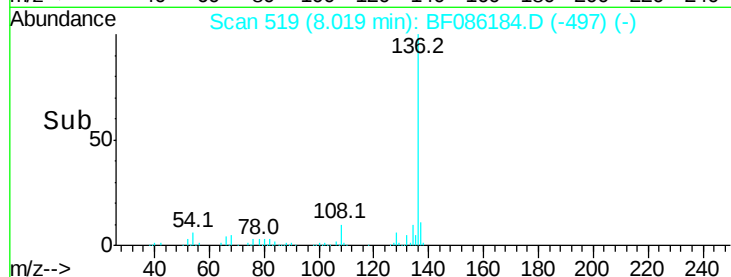
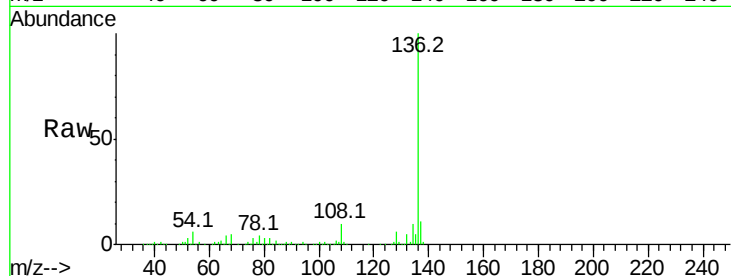
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.02 min Scan# 519
Delta R.T. -0.05 min
Lab File: BF086184.D
Acq: 8 Apr 2016 22:45

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp Lower	Upper
136	100		
137	11.0	9.1	13.7
54	5.6	7.4	11.0#
68	5.2	5.8	8.8#

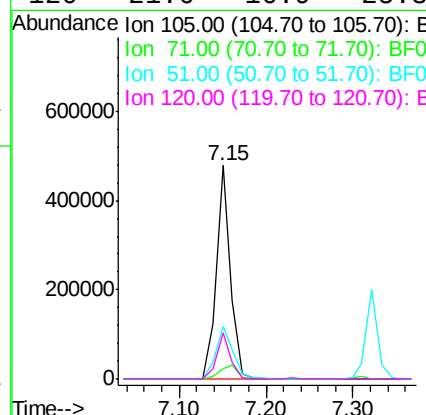
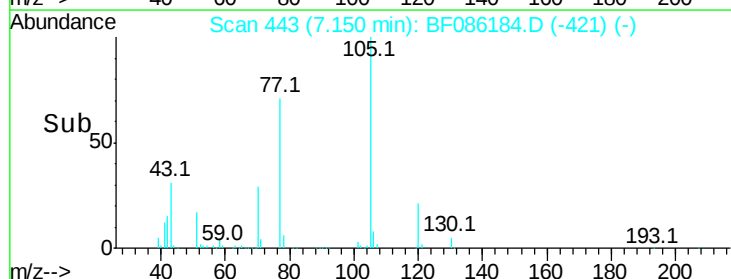
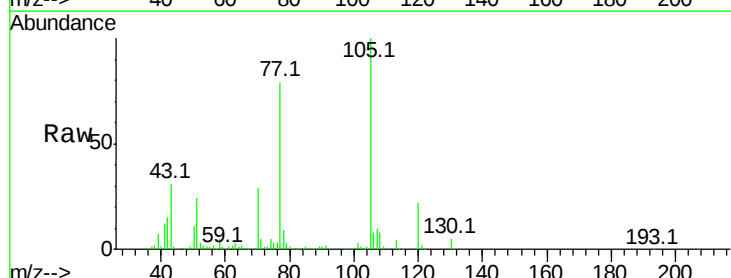
Manual Integrations
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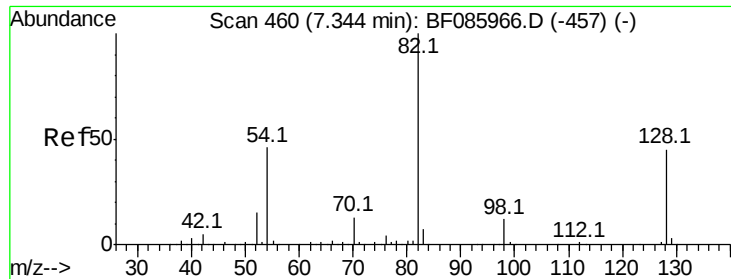
Sohil
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#22
Acetophenone
Concen: 38.78 ng
RT: 7.15 min Scan# 443
Delta R.T. -0.05 min
Lab File: BF086184.D
Acq: 8 Apr 2016 22:45

Tgt Ion	Ratio	Resp Lower	Upper
105	100		
71	4.8	3.6	5.4
51	24.3	25.4	38.0#
120	21.6	16.9	25.3





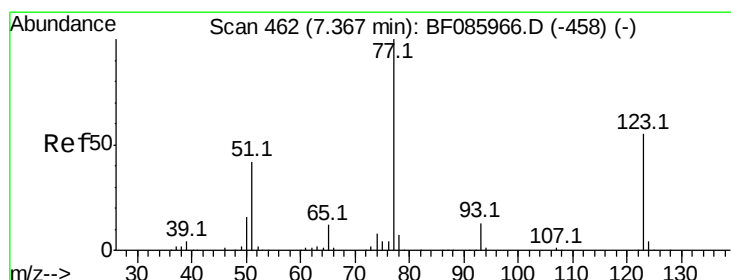
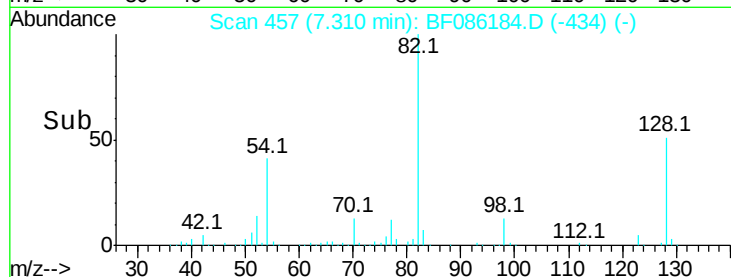
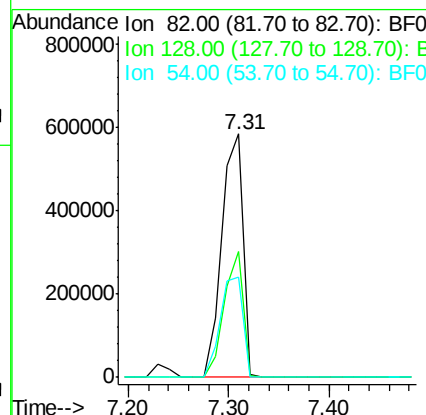
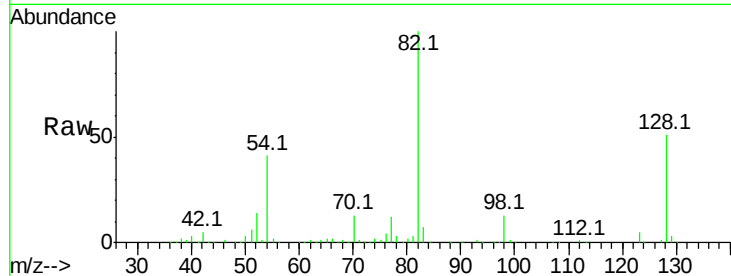
#23
 Nitrobenzene-d5
 Concen: 83.99 ng
 RT: 7.31 min Scan# 457
 Delta R.T. -0.03 min
 Lab File: BF086184.D
 Acq: 8 Apr 2016 22:45

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
82	100	853910		
128	51.4		41.8	62.8
54	41.4		33.4	50.0

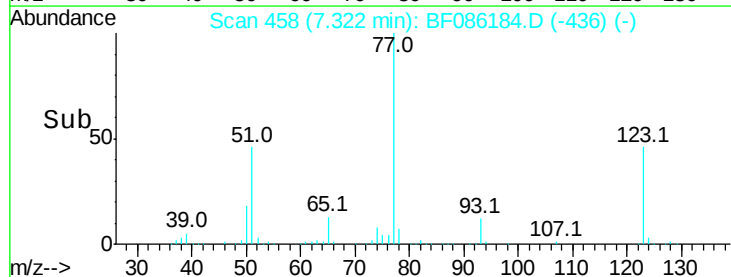
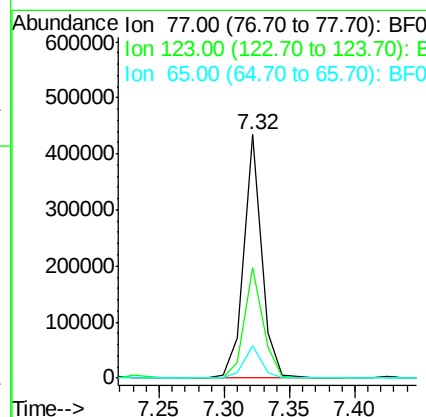
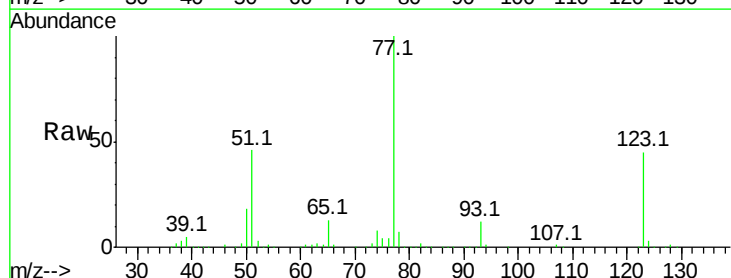
Manual Integrations
 APPROVED

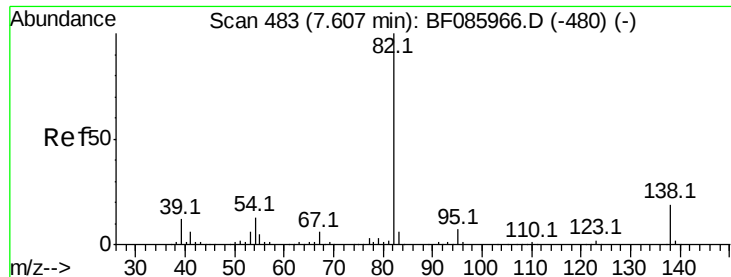
Sohil
 4/11/2016 5:45:19 PM



#24
 Nitrobenzene
 Concen: 36.80 ng
 RT: 7.32 min Scan# 458
 Delta R.T. -0.05 min
 Lab File: BF086184.D
 Acq: 8 Apr 2016 22:45

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	409294		
123	45.5		35.0	52.4
65	13.2		10.6	16.0





#25

Isophorone

Concen: 40.36 ng

RT: 7.56 min Scan# 479

Delta R.T. -0.05 min

Lab File: BF086184.D

Acq: 8 Apr 2016 22:45

Instrument :

BNA_F

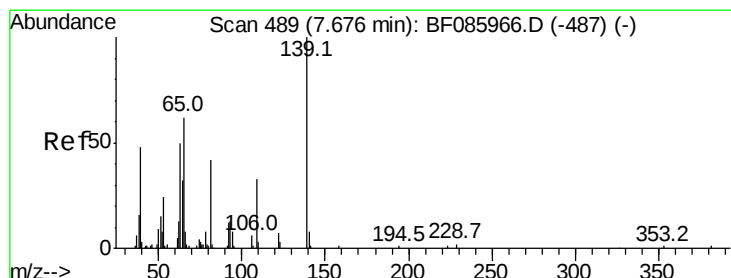
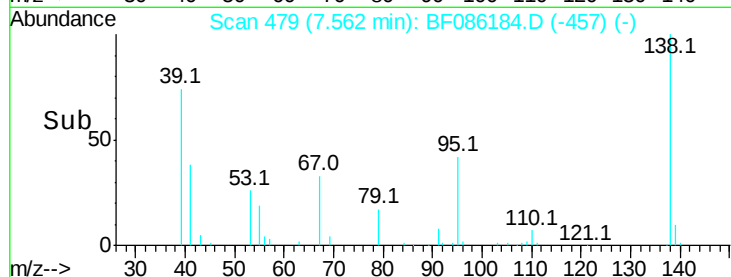
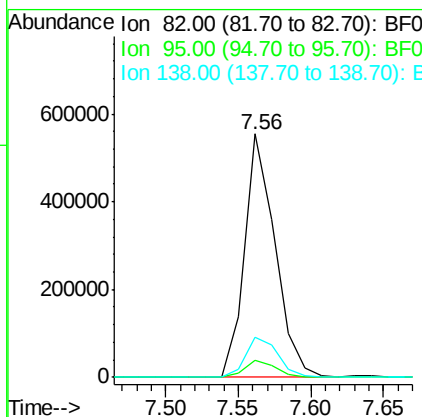
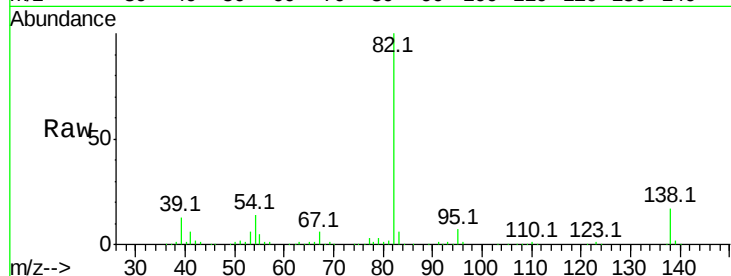
ClientSampleId :

SSTDCCC040

Tot Ion:	82	Resp:	810024
Ion Ratio	Lower	Upper	
82	100		
95	7.0	5.4	8.2
138	16.6	12.9	19.3

Manual Integrations
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4/11/2016 5:45:19 PM



#26

2-Nitrophenol

Concen: 44.86 ng

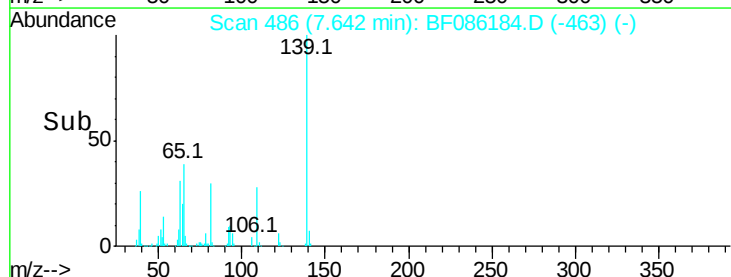
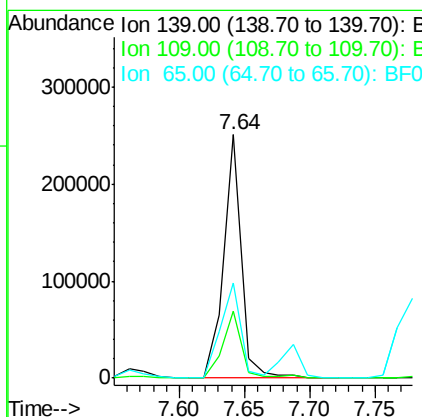
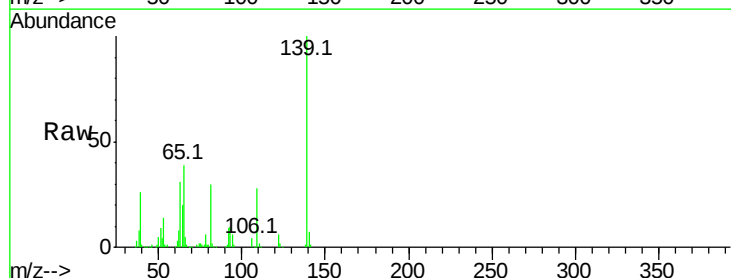
RT: 7.64 min Scan# 486

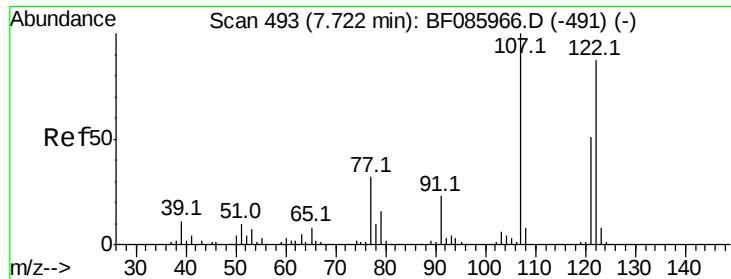
Delta R.T. -0.03 min

Lab File: BF086184.D

Acq: 8 Apr 2016 22:45

Tgt Ion:	139	Resp:	238724
Ion Ratio	Lower	Upper	
139	100		
109	27.6	22.1	33.1
65	39.3	33.9	50.9





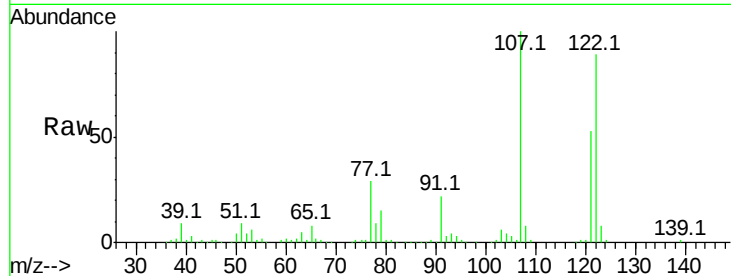
#27
2,4-Dimethylphenol
Concen: 42.19 ng
RT: 7.69 min Scan# 490
Delta R.T. -0.03 min
Lab File: BF086184.D
Acq: 8 Apr 2016 22:45

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

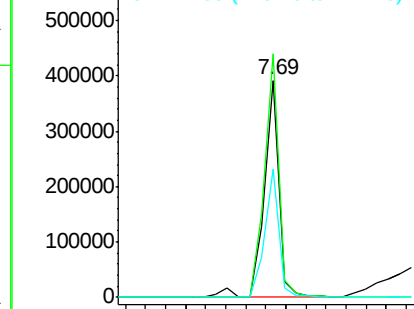
Tot Ion	Ratio	Resp	Lower	Upper
122	100			
107	112.0	93.0	139.6	
121	59.3	45.9	68.9	

Manual Integrations
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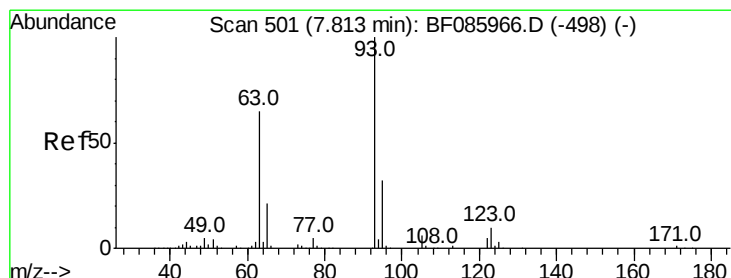
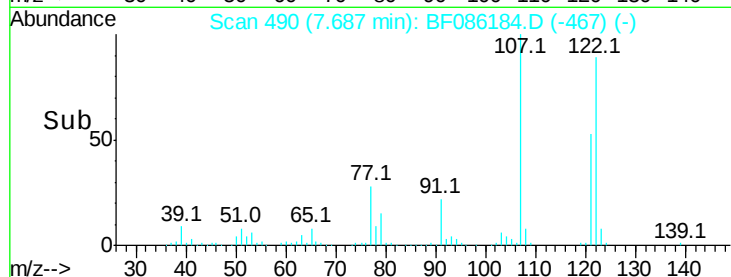
Sohil
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Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E

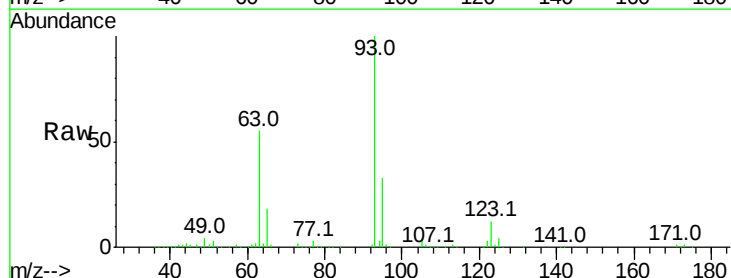


Time-->

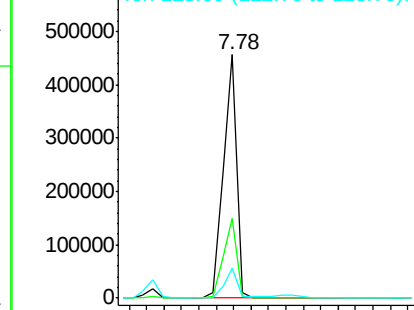


#28
bis(2-Chloroethoxy)methane
Concen: 42.08 ng
RT: 7.78 min Scan# 498
Delta R.T. -0.03 min
Lab File: BF086184.D
Acq: 8 Apr 2016 22:45

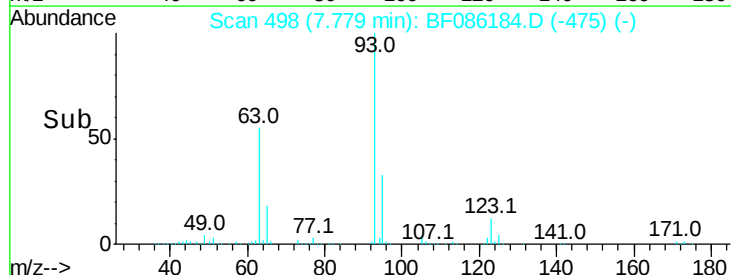
Tgt Ion	Ratio	Resp	Lower	Upper
93	100			
95	32.9	26.4	39.6	
123	12.0	9.8	14.6	

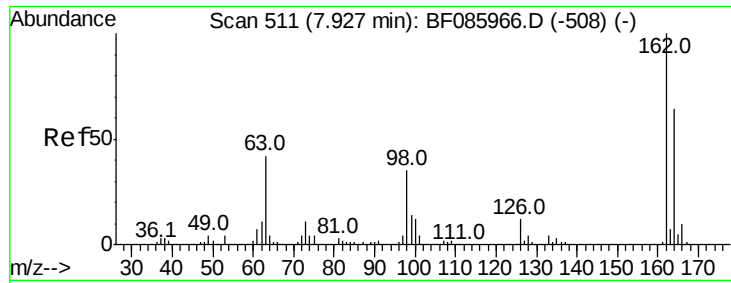


Abundance Ion 93.00 (92.70 to 93.70): BF0
Ion 95.00 (94.70 to 95.70): BF0
Ion 123.00 (122.70 to 123.70): E



Time-->





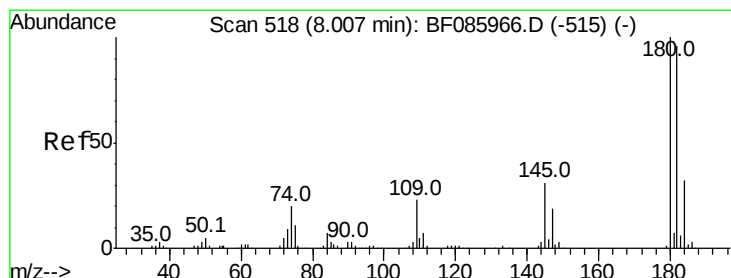
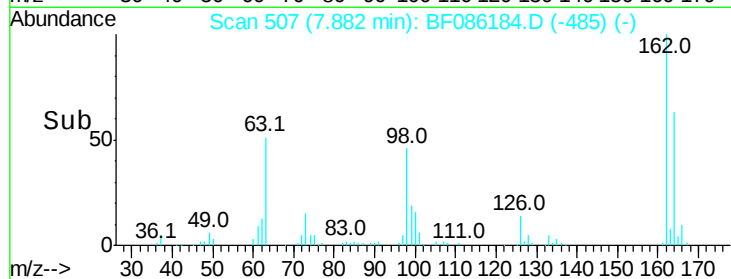
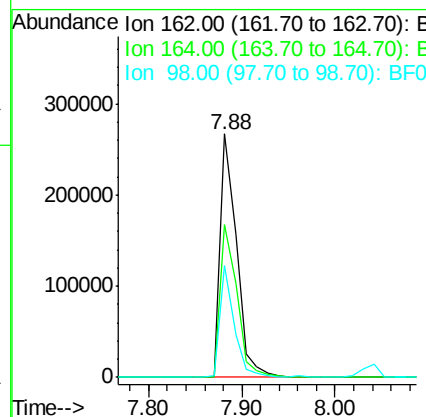
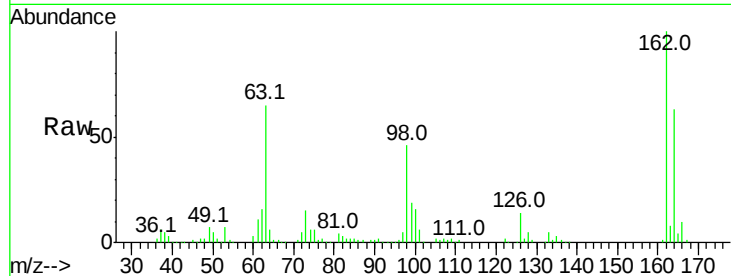
#29
 2,4-Dichlorophenol
 Concen: 39.99 ng
 RT: 7.88 min Scan# 507
 Delta R.T. -0.05 min
 Lab File: BF086184.D
 Acq: 8 Apr 2016 22:45

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ion	Ratio	Resp	Lower	Upper
162	100		323126		
164	62.9	43.7	83.7		
98	45.8	20.4	60.4		

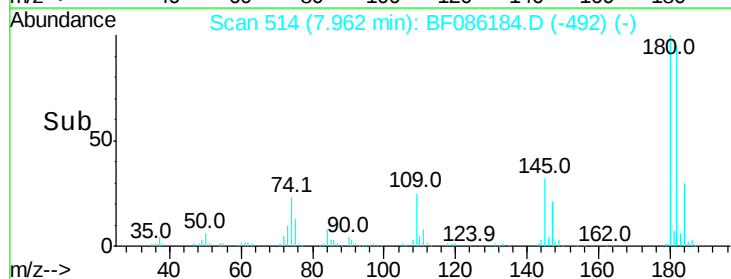
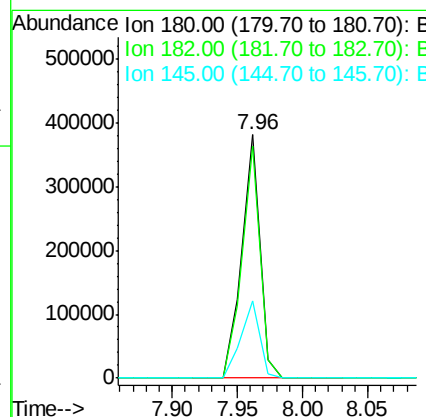
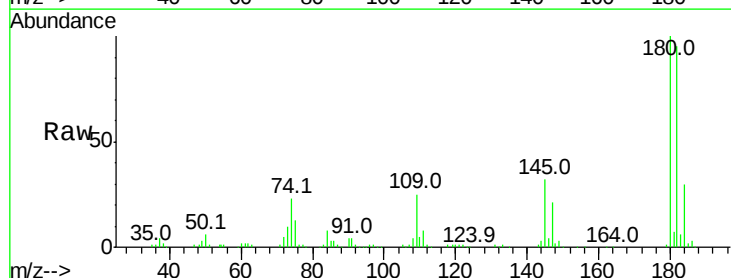
Manual Integrations
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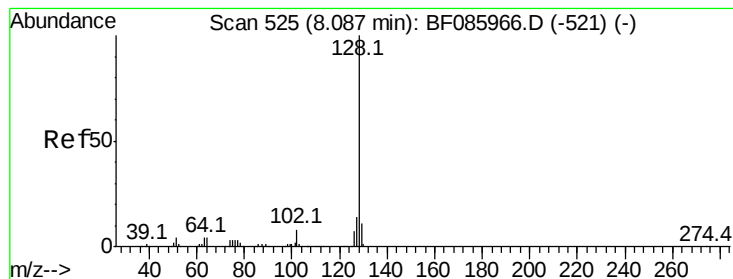
Sohil
 4/11/2016 5:45:19 PM



#30
 1,2,4-Trichlorobenzene
 Concen: 40.67 ng
 RT: 7.96 min Scan# 514
 Delta R.T. -0.05 min
 Lab File: BF086184.D
 Acq: 8 Apr 2016 22:45

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
180	100		368920		
182	95.1	73.8	110.8		
145	31.9	28.4	42.6		





#31

Naphthalene

Concen: 39.50 ng

RT: 8.04 min Scan# 521

Delta R.T. -0.05 min

Lab File: BF086184.D

Acq: 8 Apr 2016 22:45

Instrument :

BNA_F

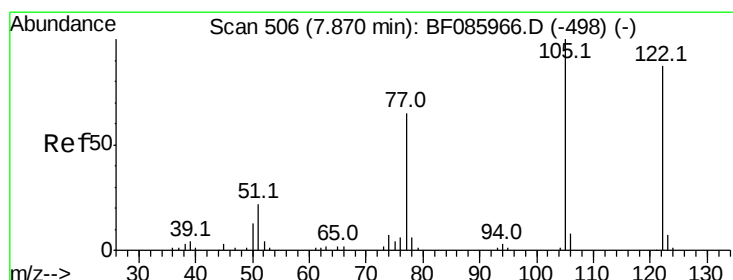
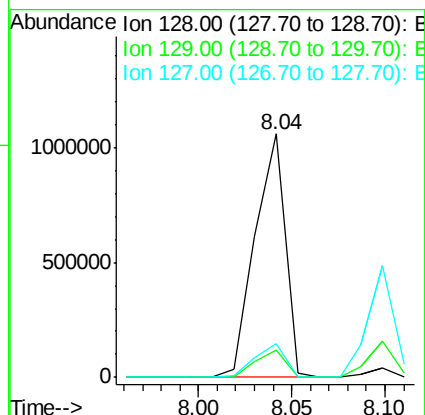
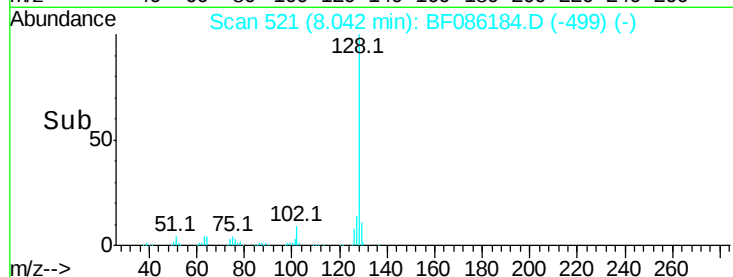
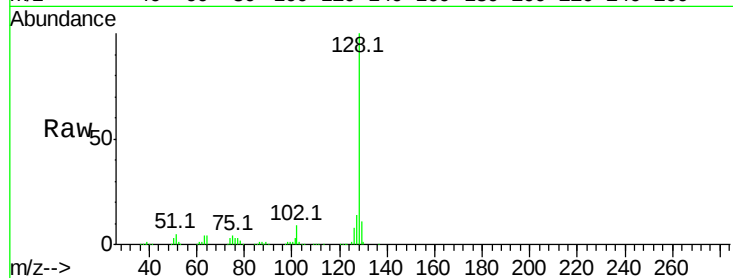
ClientSampleId :

SSTDCCC040

Tot Ion:	128	Resp:	1191304
Ion	Ratio	Lower	Upper
128	100		
129	11.0	9.4	14.0
127	13.6	11.0	16.6

Manual Integrations
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#32

Benzoic acid

Concen: 34.27 ng

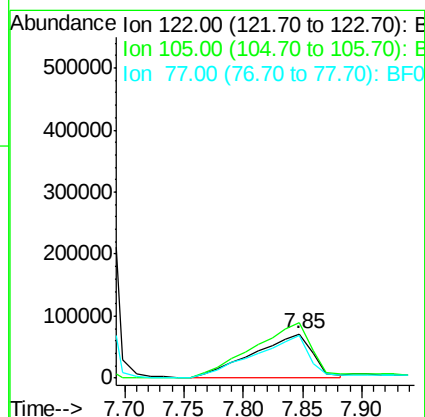
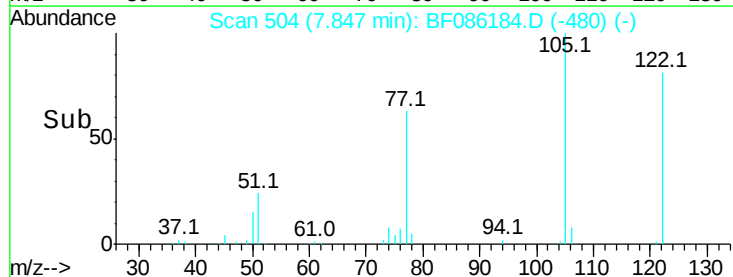
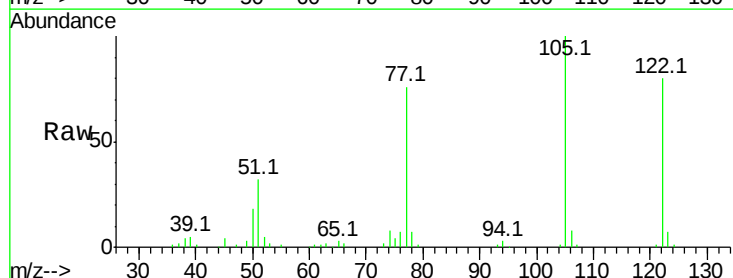
RT: 7.85 min Scan# 504

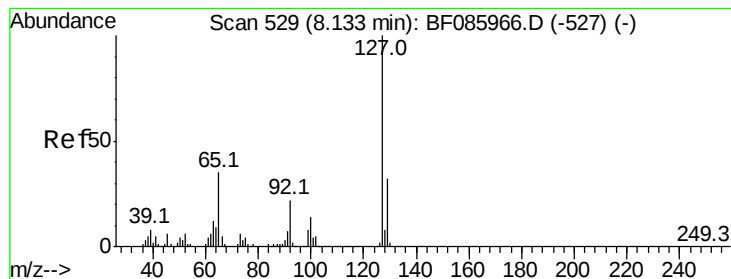
Delta R.T. -0.02 min

Lab File: BF086184.D

Acq: 8 Apr 2016 22:45

Tgt Ion:	122	Resp:	240319
Ion	Ratio	Lower	Upper
122	100		
105	125.1	102.9	142.9
77	94.7	71.8	111.8





#33

4-Chloroaniline

Concen: 41.03 ng

RT: 8.10 min Scan# 526

Delta R.T. -0.03 min

Lab File: BF086184.D

Acq: 8 Apr 2016 22:45

Instrument :

BNA_F

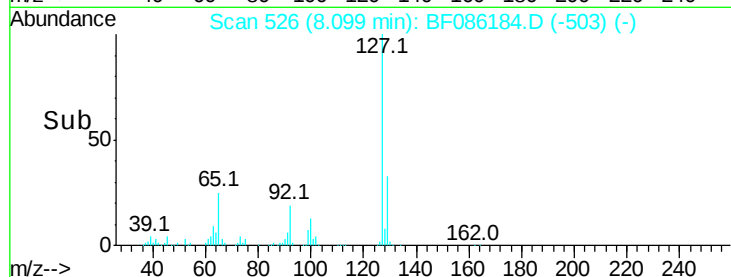
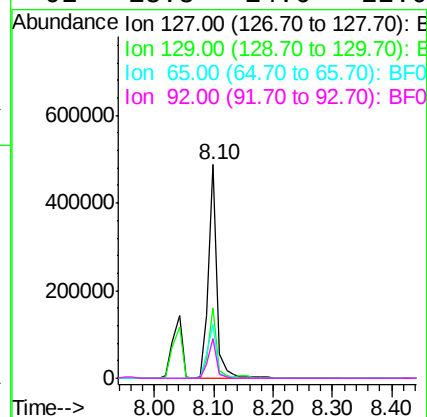
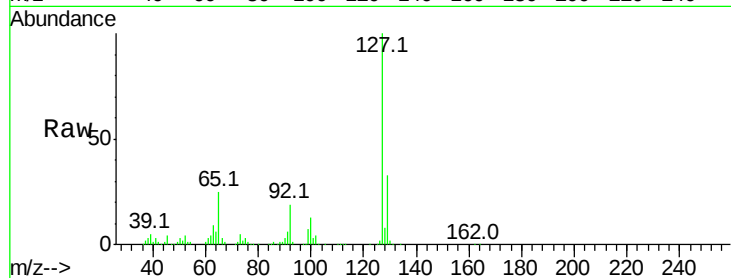
ClientSampleId :

SSTDCCC040

Tot Ion	Ratio	Resp Lower	Upper
127	100		
129	32.9	26.1	39.1
65	25.2	19.5	29.3
92	18.8	14.6	22.0

Manual Integrations
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#34

Hexachlorobutadiene

Concen: 40.85 ng

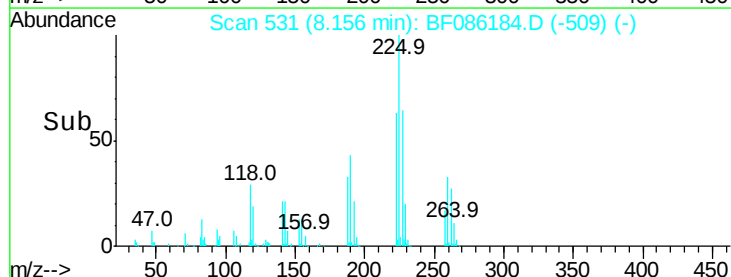
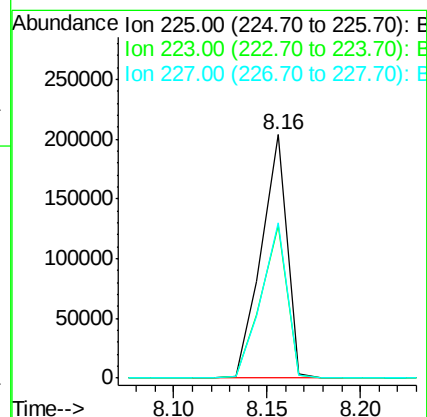
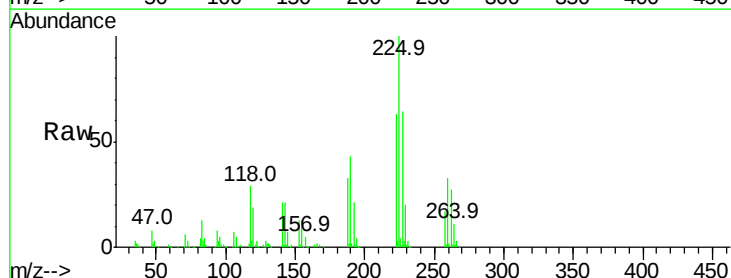
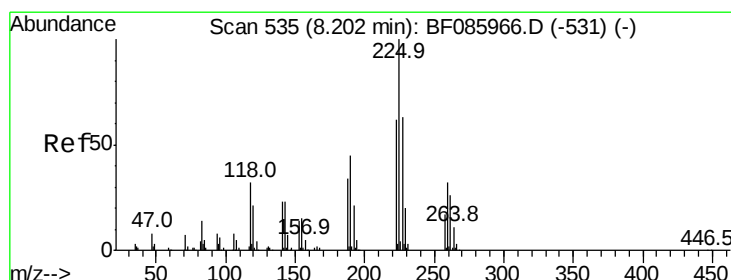
RT: 8.16 min Scan# 531

Delta R.T. -0.05 min

Lab File: BF086184.D

Acq: 8 Apr 2016 22:45

Tgt Ion	Ratio	Resp Lower	Upper
225	100		
223	62.6	50.4	75.6
227	63.6	51.4	77.2





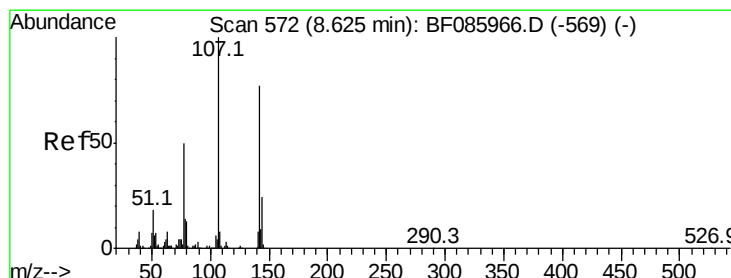
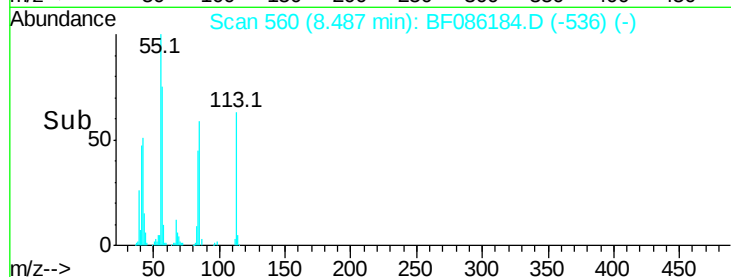
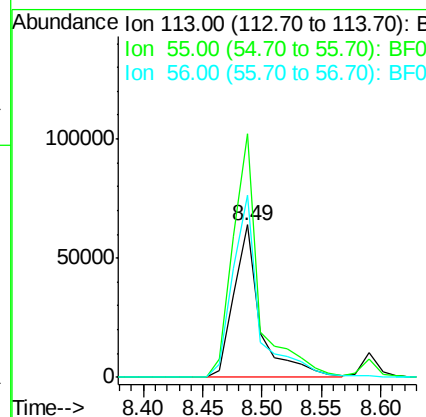
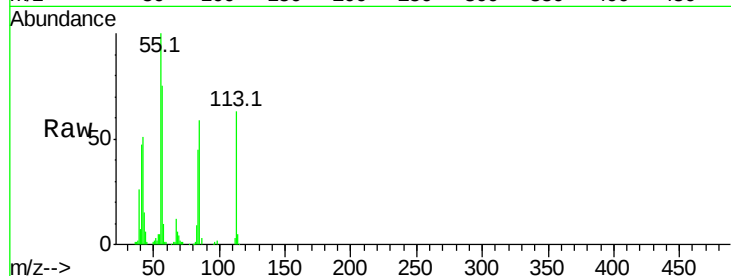
#35
 Caprolactam
 Concen: 38.91 ng
 RT: 8.49 min Scan# 560
 Delta R.T. -0.02 min
 Lab File: BF086184.D
 Acq: 8 Apr 2016 22:45

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
113	100		
55	159.8	139.4	179.4
56	119.5	100.4	140.4

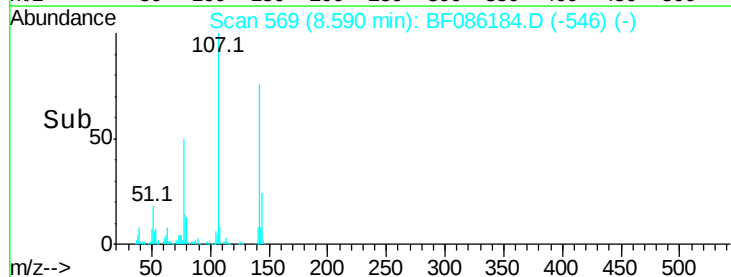
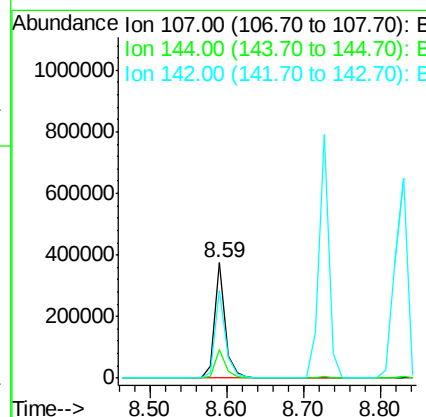
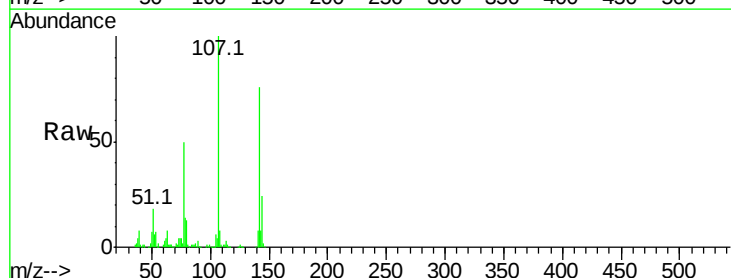
Manual Integrations
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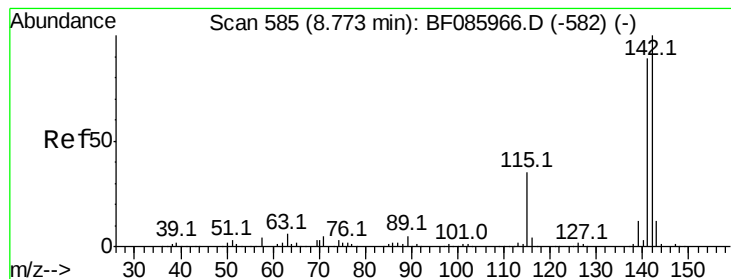
Sohil
 4/11/2016 5:45:19 PM



#36
 4-Chloro-3-methylphenol
 Concen: 39.15 ng
 RT: 8.59 min Scan# 569
 Delta R.T. -0.03 min
 Lab File: BF086184.D
 Acq: 8 Apr 2016 22:45

Tgt Ion	Ratio	Lower	Upper
107	100		
144	24.3	19.3	28.9
142	75.9	61.4	92.0





#37

2-Methylnaphthalene

Concen: 35.59 ng

RT: 8.73 min Scan# 581

Delta R.T. -0.05 min

Lab File: BF086184.D

Acq: 8 Apr 2016 22:45

Instrument :

BNA_F

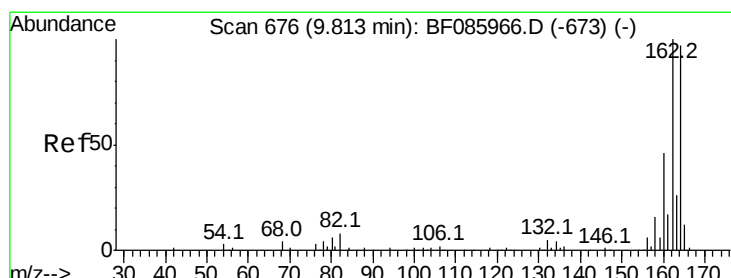
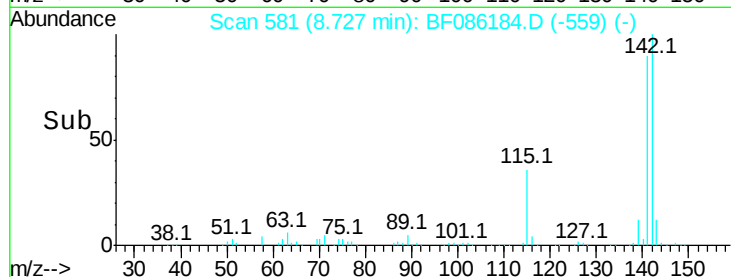
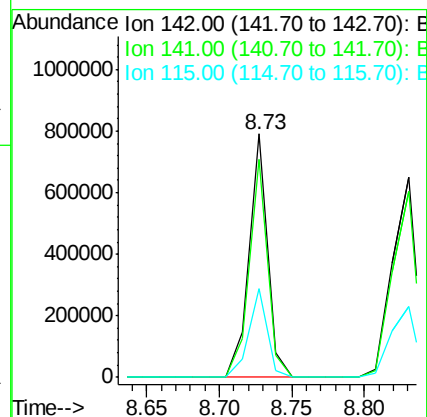
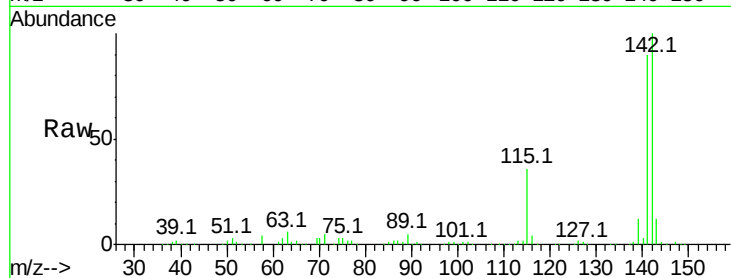
ClientSampleId :

SSTDCCC040

Tot Ion:	142	Resp:	701165
Ion Ratio	Lower	Upper	
142	100		
141	89.5	71.6	107.4
115	36.3	26.8	40.2

Manual Integrations
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#38

Acenaphthene-d10

Concen: 20.00 ng

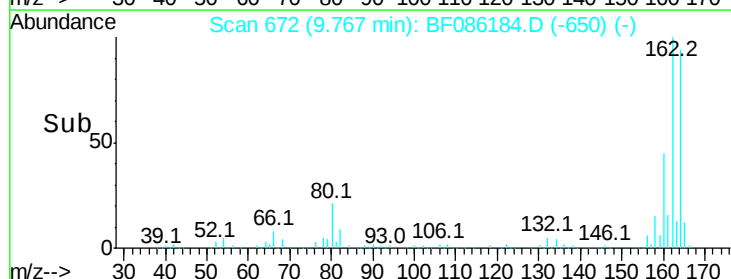
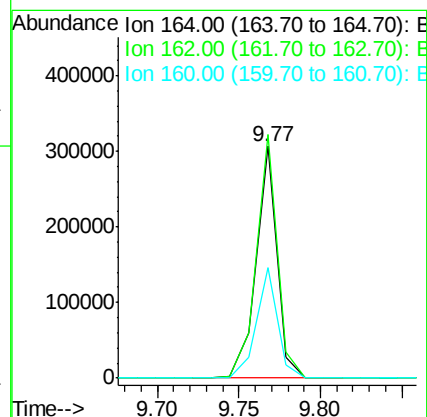
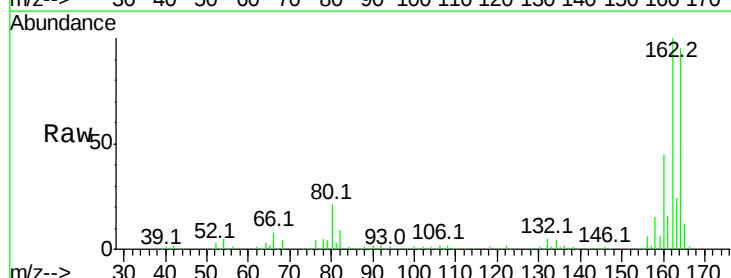
RT: 9.77 min Scan# 672

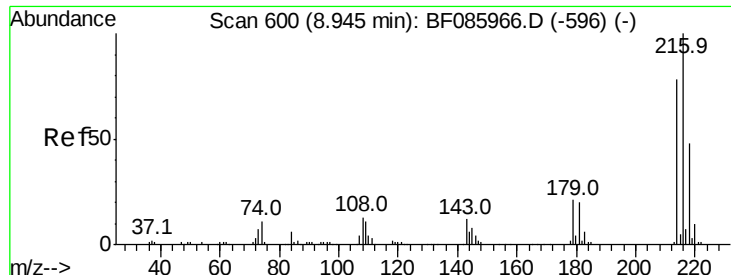
Delta R.T. -0.05 min

Lab File: BF086184.D

Acq: 8 Apr 2016 22:45

Tgt Ion:	164	Resp:	271757
Ion Ratio	Lower	Upper	
164	100		
162	104.9	82.1	123.1
160	47.4	37.4	56.2





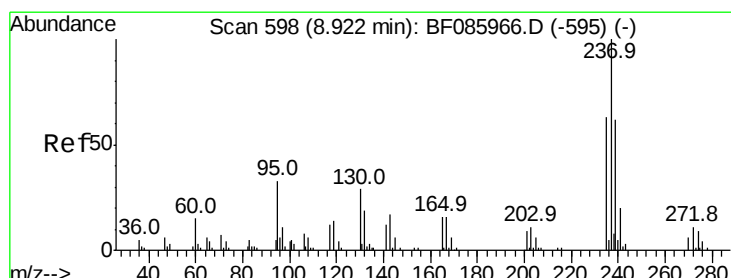
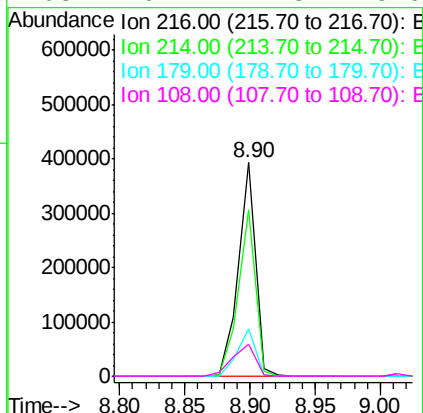
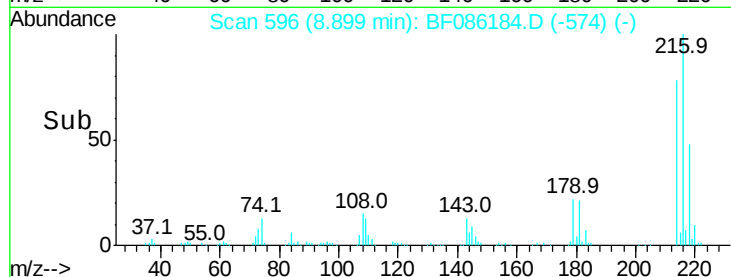
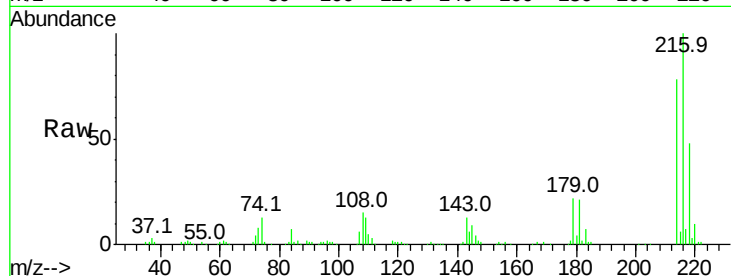
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 43.57 ng
 RT: 8.90 min Scan# 596
 Delta R.T. -0.05 min
 Lab File: BF086184.D
 Acq: 8 Apr 2016 22:45

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
216	100	355841		
214	78.7	63.1	94.7	
179	23.2	18.2	27.2	
108	20.1	17.3	25.9	

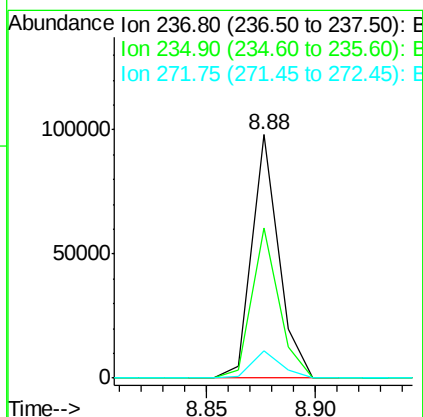
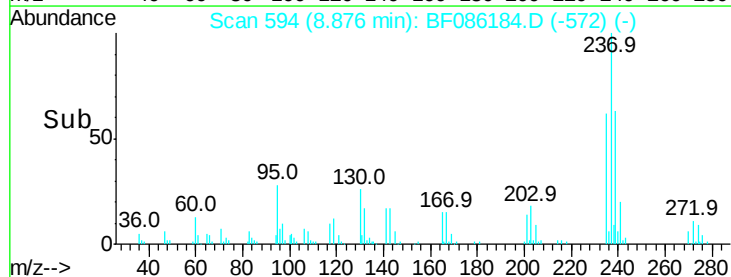
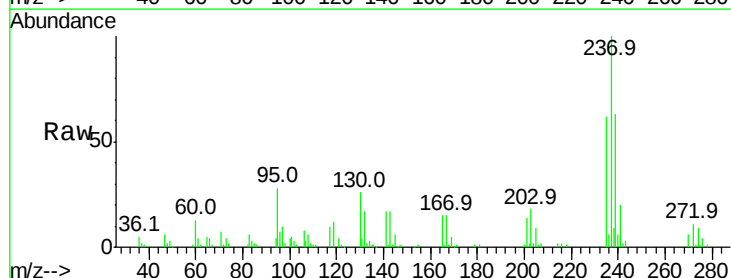
Manual Integrations
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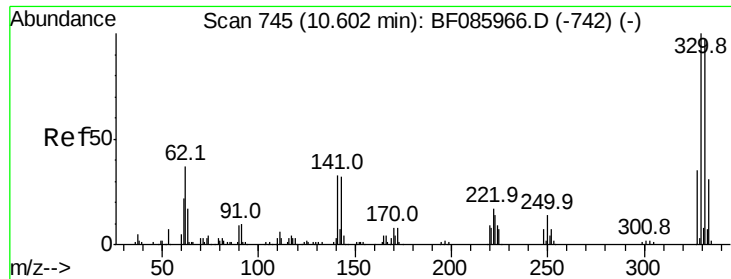
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#40
 Hexachlorocyclopentadiene
 Concen: 37.79 ng
 RT: 8.88 min Scan# 594
 Delta R.T. -0.05 min
 Lab File: BF086184.D
 Acq: 8 Apr 2016 22:45

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	84270		
235	61.6	43.7	83.7	
272	11.4	0.0	31.9	





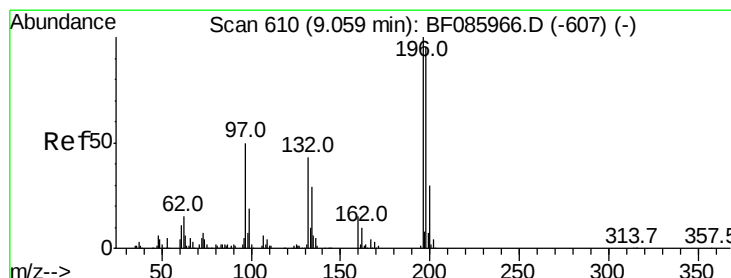
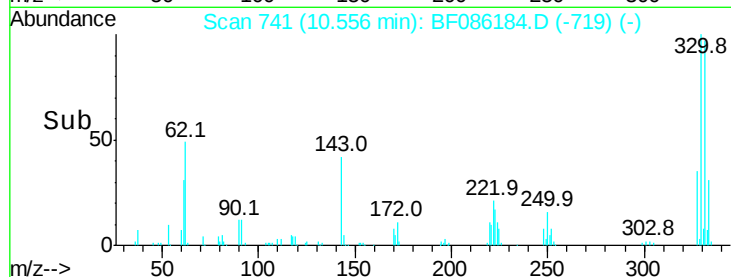
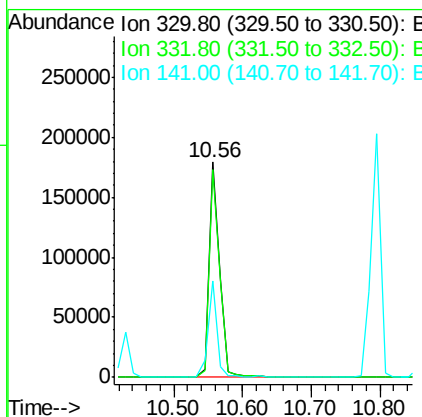
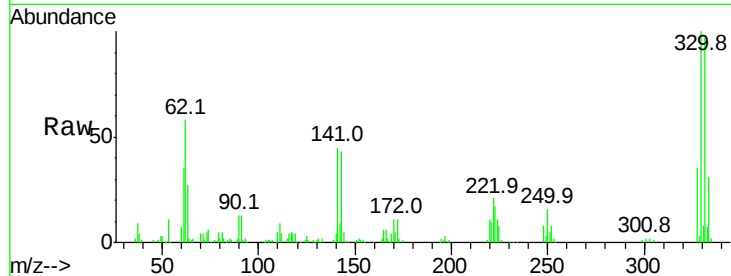
#41
 2,4,6-Tribromophenol
 Concen: 75.89 ng
 RT: 10.56 min Scan# 741
 Delta R.T. -0.05 min
 Lab File: BF086184.D
 Acq: 8 Apr 2016 22:45

Instrument :
 BNA_F
 ClientSampled :
 SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
330	100	193580		
332	97.3	78.2	117.2	
141	38.3	31.5	47.3	

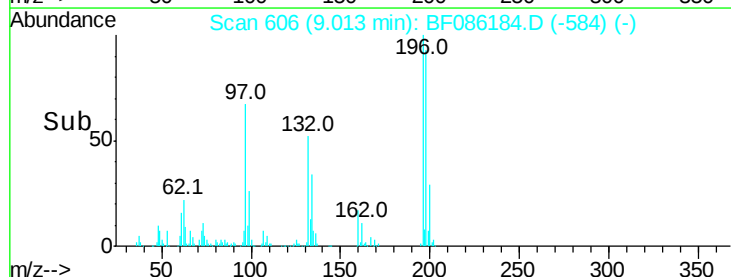
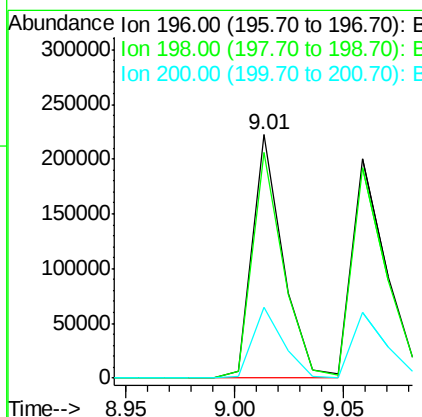
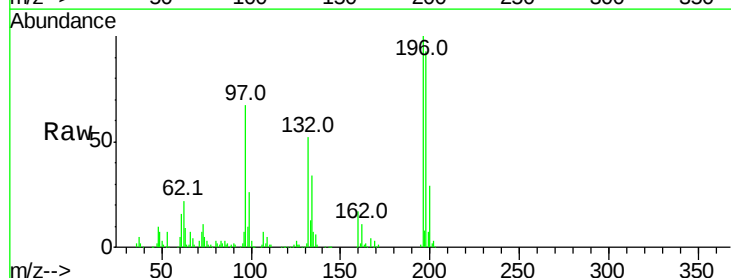
Manual Integrations
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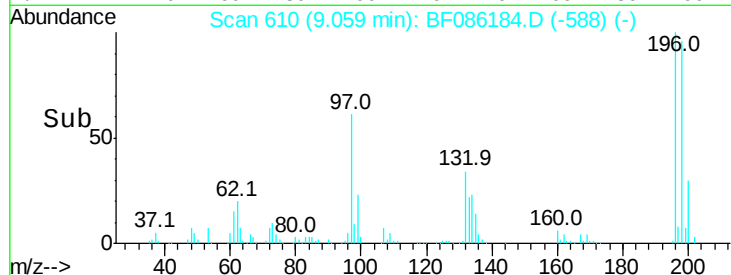
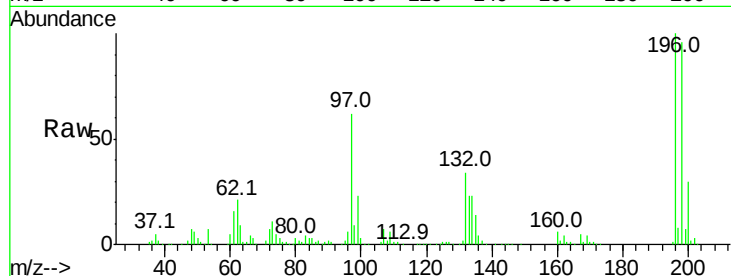
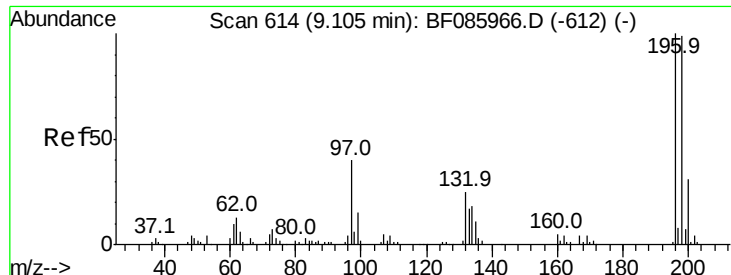
Sohil
 4/11/2016 5:45:19 PM



#42
 2,4,6-Trichlorophenol
 Concen: 41.46 ng
 RT: 9.01 min Scan# 606
 Delta R.T. -0.05 min
 Lab File: BF086184.D
 Acq: 8 Apr 2016 22:45

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	217469		
198	92.7	75.3	112.9	
200	28.9	23.7	35.5	





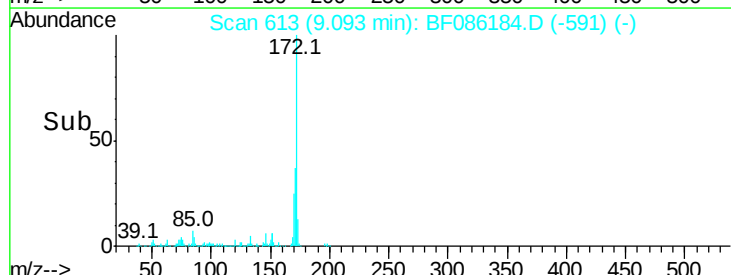
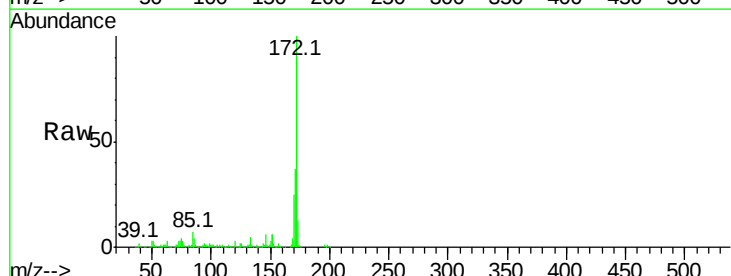
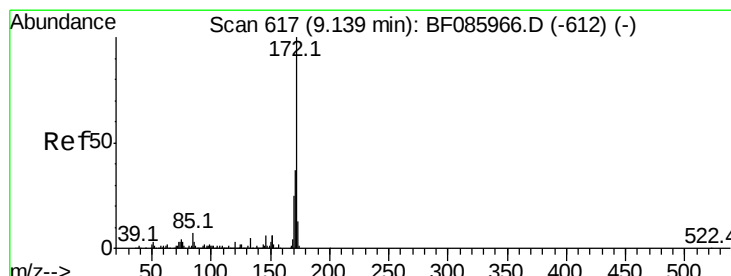
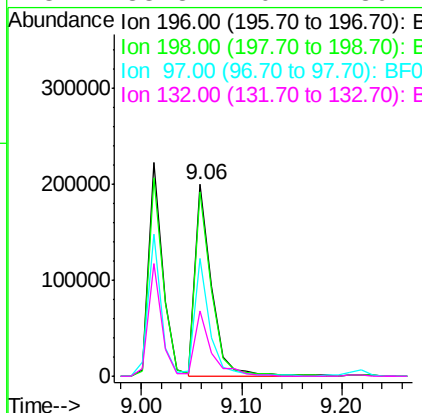
#43
2,4,5-Trichlorophenol
Concen: 42.52 ng
RT: 9.06 min Scan# 610
Delta R.T. -0.05 min
Lab File: BF086184.D
Acq: 8 Apr 2016 22:45

Tot Ion	Ratio	Resp	Lower	Upper
196	100	226452		
198	96.3	76.6	114.8	
97	61.7	30.5	45.7	#
132	33.8	20.2	30.2	#

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

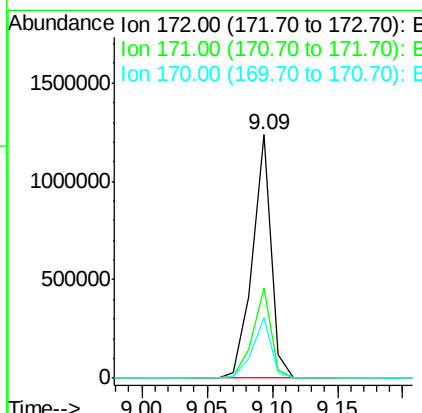
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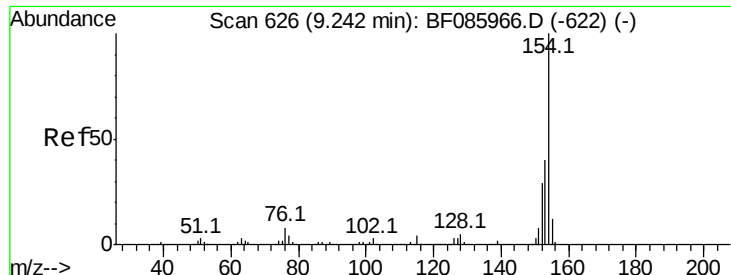
Sohil
4/11/2016 5:45:19 PM



#44
2-Fluorobiphenyl
Concen: 75.46 ng
RT: 9.09 min Scan# 613
Delta R.T. -0.05 min
Lab File: BF086184.D
Acq: 8 Apr 2016 22:45

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1233301		
171	37.2	29.4	44.2	
170	25.0	19.8	29.6	





#45

1,1'-Biphenyl

Concen: 41.10 ng

RT: 9.20 min Scan# 622

Delta R.T. -0.05 min

Lab File: BF086184.D

Acq: 8 Apr 2016 22:45

Instrument :

BNA_F

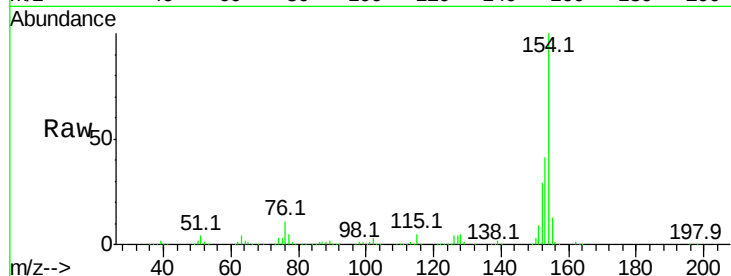
ClientSampleId :

SSTDCCC040

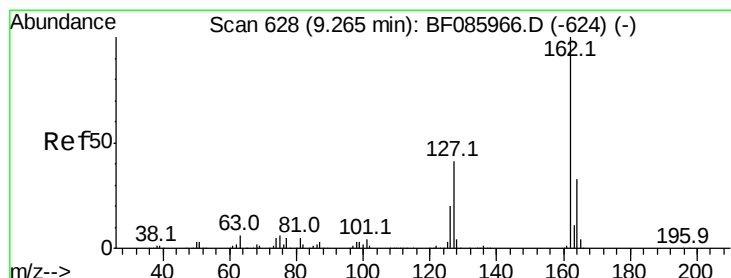
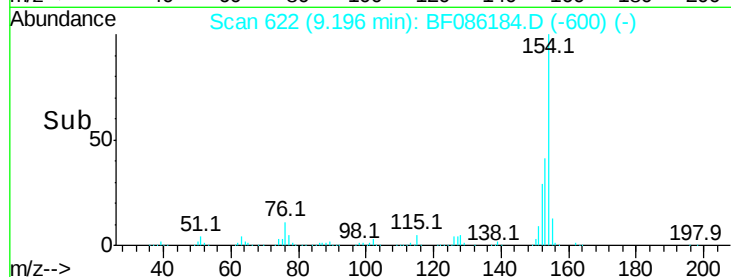
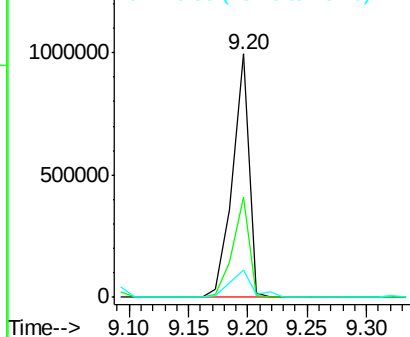
Tot Ion:	154	Resp:	963038
Ion Ratio	Lower	Upper	
154	100		
153	41.4	20.8	60.8
76	11.1	0.0	36.7

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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: 41.10 ng

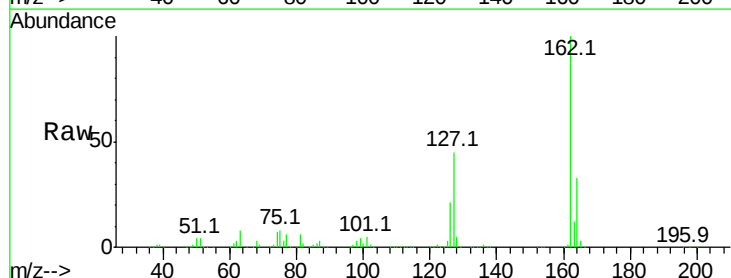
RT: 9.22 min Scan# 624

Delta R.T. -0.05 min

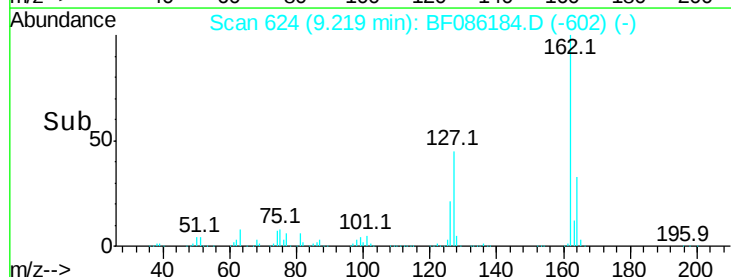
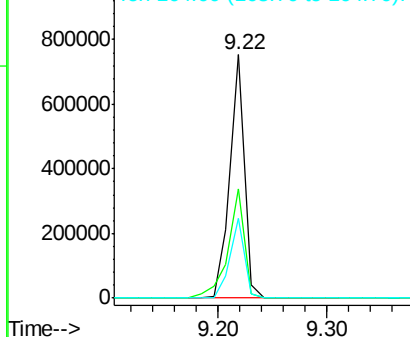
Lab File: BF086184.D

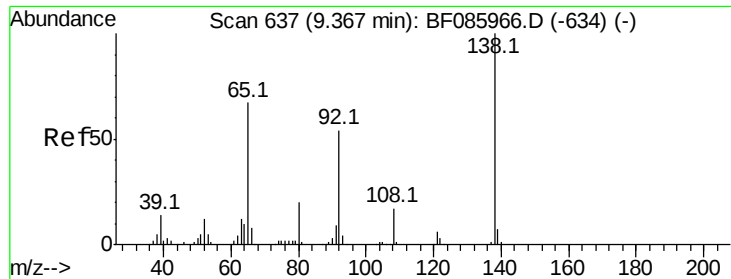
Acq: 8 Apr 2016 22:45

Tgt Ion:	162	Resp:	698086
Ion Ratio	Lower	Upper	
162	100		
127	44.9	31.7	47.5
164	32.8	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





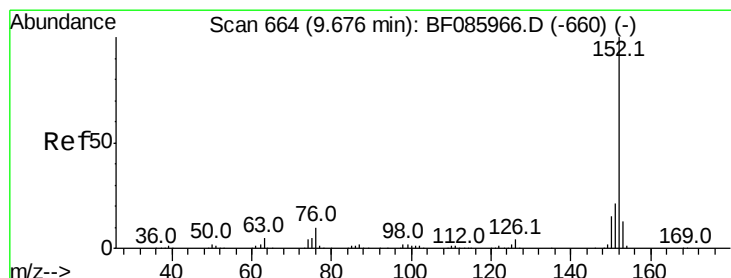
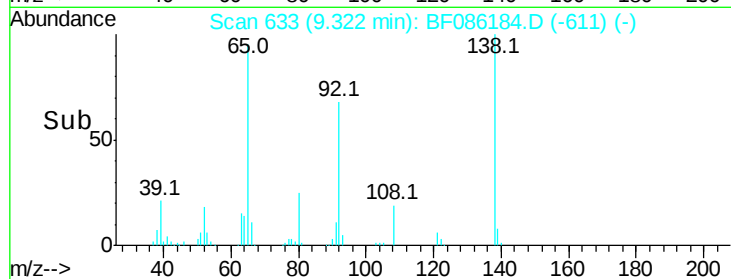
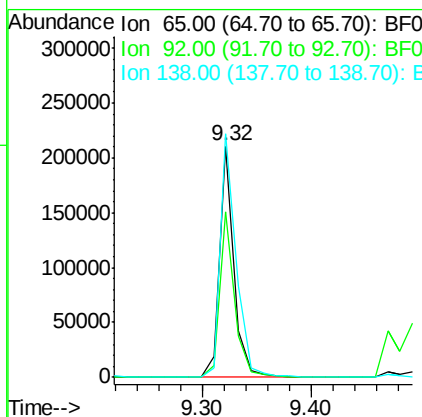
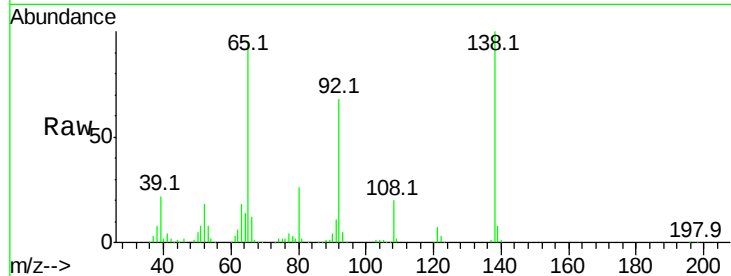
#47
2-Nitroaniline
Concen: 39.17 ng
RT: 9.32 min Scan# 633
Delta R.T. -0.05 min
Lab File: BF086184.D
Acq: 8 Apr 2016 22:45

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
65	100		
92	71.9	59.7	89.5
138	105.5	91.4	137.0

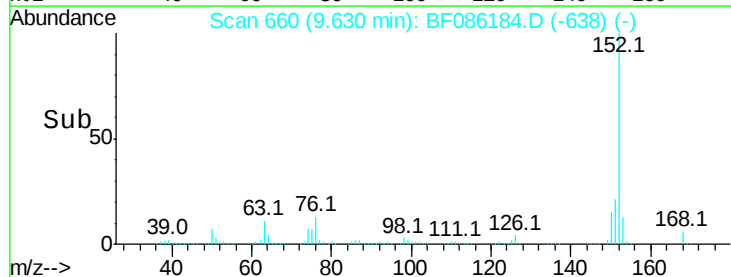
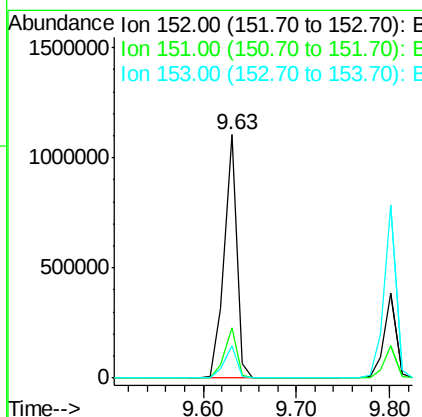
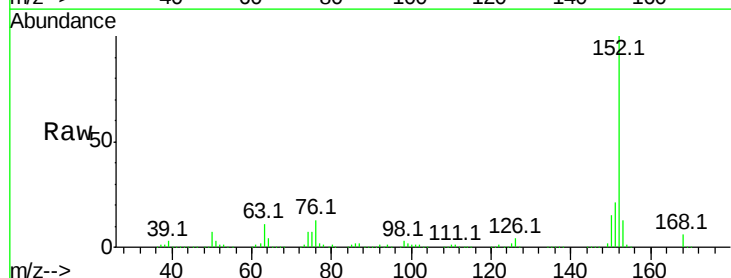
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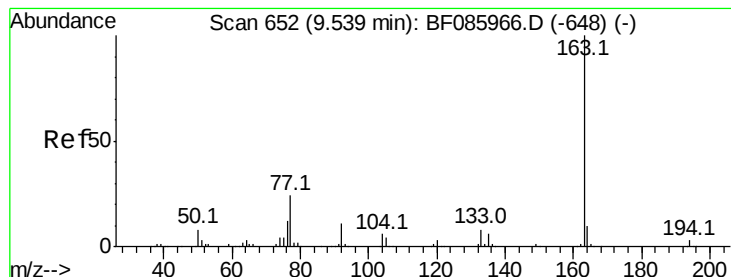
Sohil
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#48
Acenaphthylene
Concen: 37.99 ng
RT: 9.63 min Scan# 660
Delta R.T. -0.05 min
Lab File: BF086184.D
Acq: 8 Apr 2016 22:45

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.9	16.8	25.2
153	13.5	10.9	16.3





#49

Dimethylphthalate

Concen: 42.04 ng

RT: 9.50 min Scan# 649

Delta R.T. -0.03 min

Lab File: BF086184.D

Acq: 8 Apr 2016 22:45

Instrument :

BNA_F

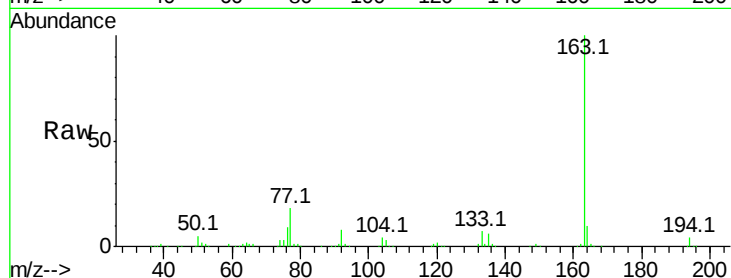
ClientSampleId :

SSTDCCC040

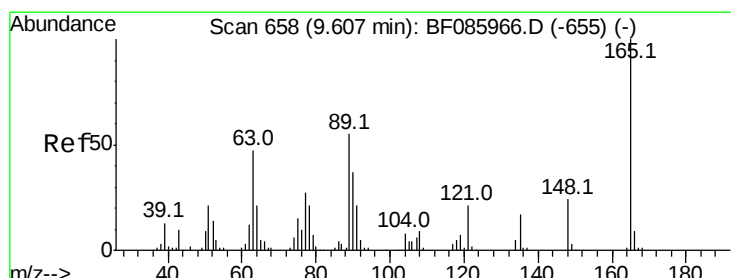
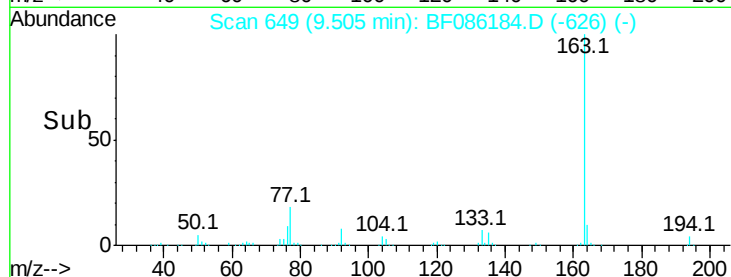
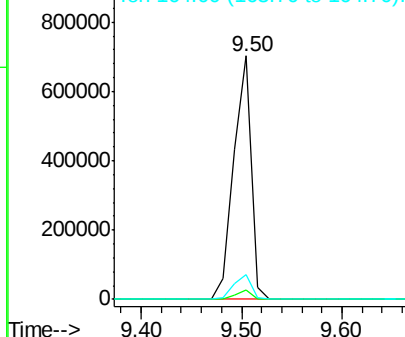
Tot Ion:	163	Resp:	846686
Ion Ratio	Lower	Upper	
163	100		
194	3.6	2.9	4.3
164	10.1	8.3	12.5

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



#50

2,6-Dinitrotoluene

Concen: 45.11 ng

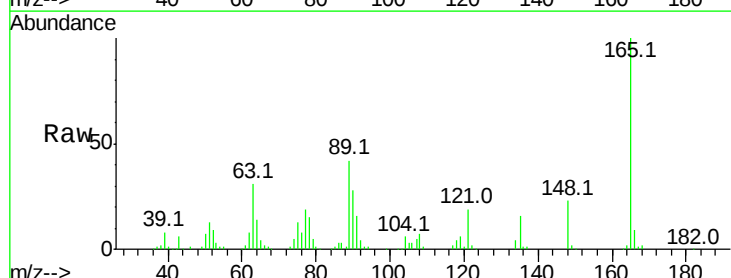
RT: 9.57 min Scan# 655

Delta R.T. -0.03 min

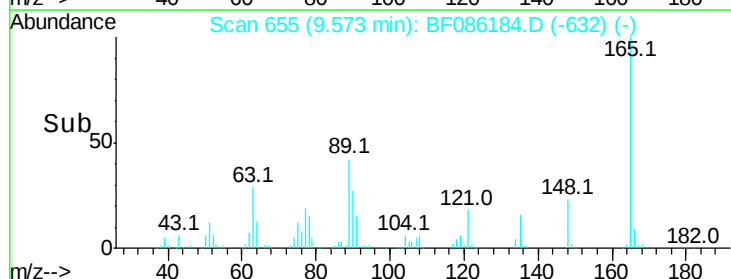
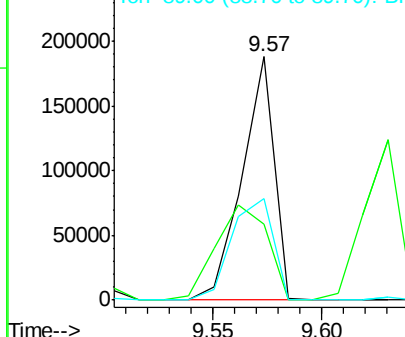
Lab File: BF086184.D

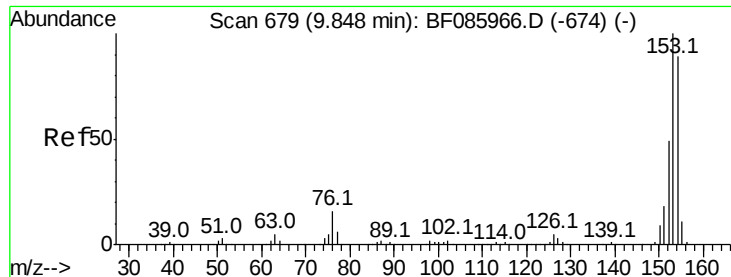
Acq: 8 Apr 2016 22:45

Tgt Ion:	165	Resp:	192252
Ion Ratio	Lower	Upper	
165	100		
63	31.4	51.8	77.8#
89	41.8	53.7	80.5#



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 38.86 ng

RT: 9.80 min Scan# 675

Delta R.T. -0.05 min

Lab File: BF086184.D

Acq: 8 Apr 2016 22:45

Instrument :

BNA_F

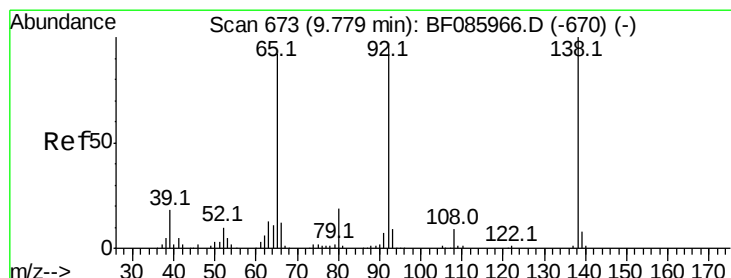
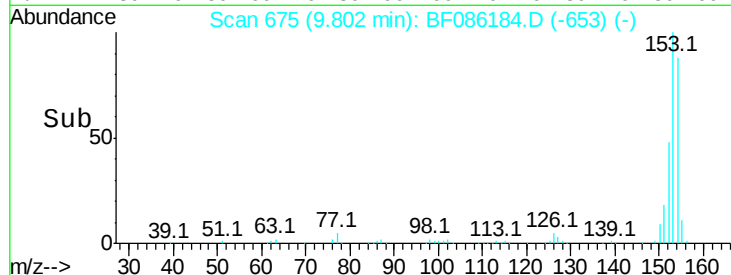
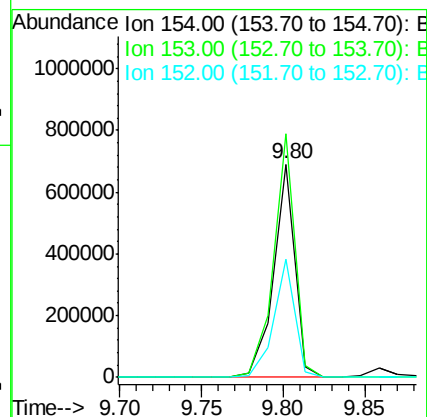
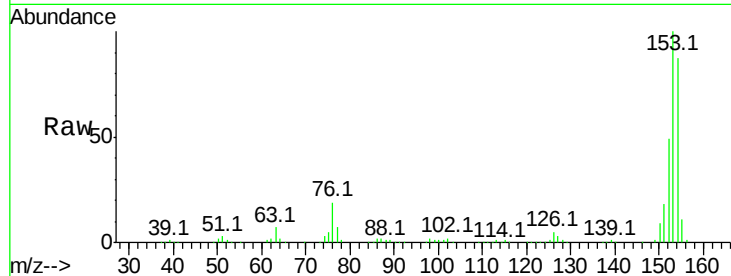
ClientSampleId :

SSTDCCC040

Tot Ion:	154	Resp:	628825
Ion Ratio	Lower	Upper	
154	100		
153	114.3	90.1	135.1
152	55.5	44.2	66.2

Manual Integrations
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#52

3-Nitroaniline

Concen: 41.25 ng

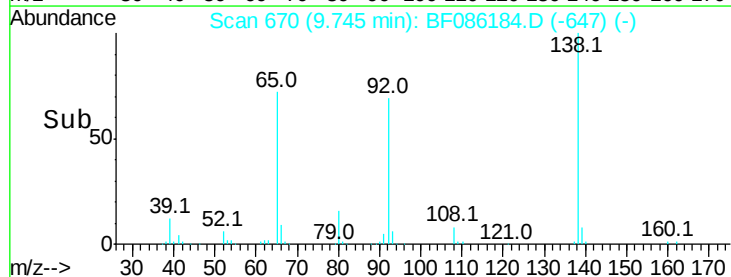
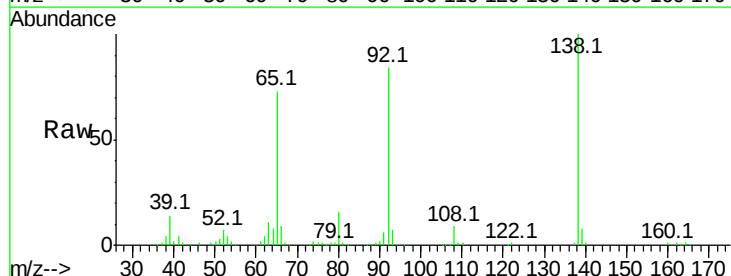
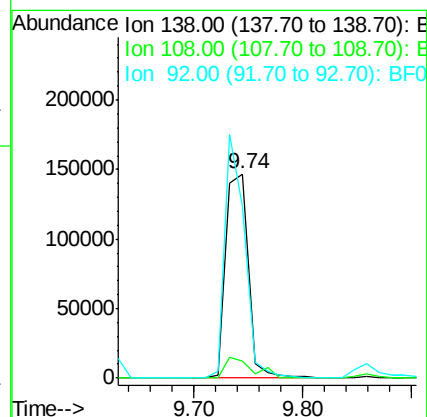
RT: 9.74 min Scan# 670

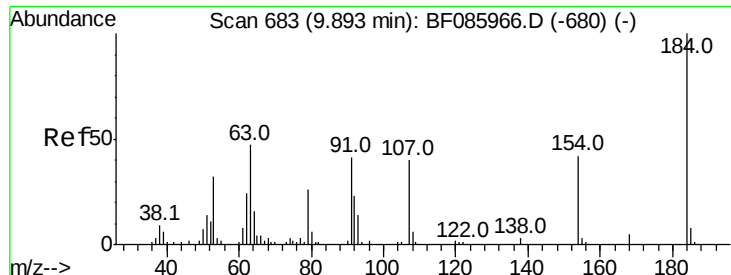
Delta R.T. -0.03 min

Lab File: BF086184.D

Acq: 8 Apr 2016 22:45

Tgt Ion:	138	Resp:	211888
Ion Ratio	Lower	Upper	
138	100		
108	8.5	8.7	13.1#
92	84.4	93.3	139.9#





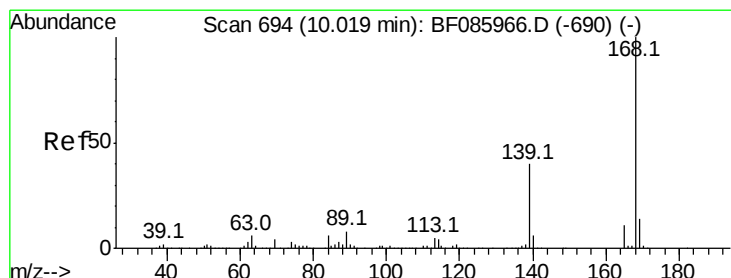
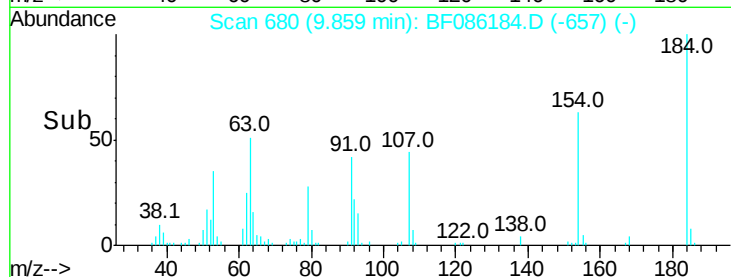
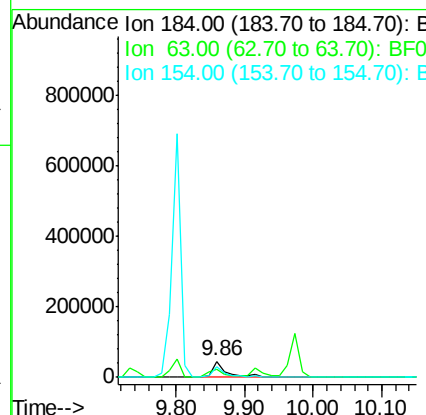
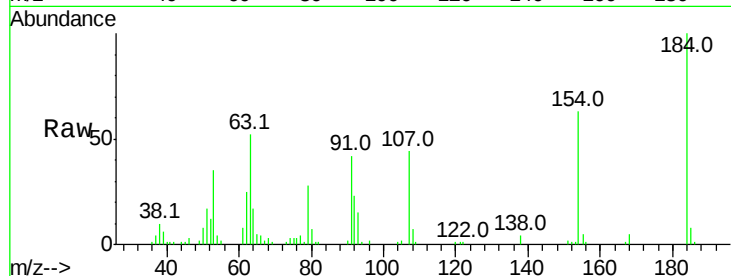
#53
 2,4-Dinitrophenol
 Concen: 35.37 ng
 RT: 9.86 min Scan# 680
 Delta R.T. -0.03 min
 Lab File: BF086184.D
 Acq: 8 Apr 2016 22:45

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
184	100			
63	52.2	69.5	104.3	#
154	62.6	58.3	87.5	

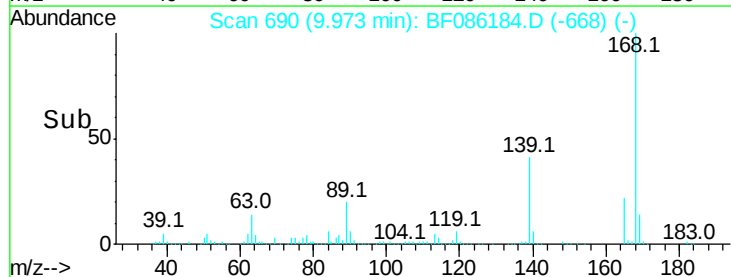
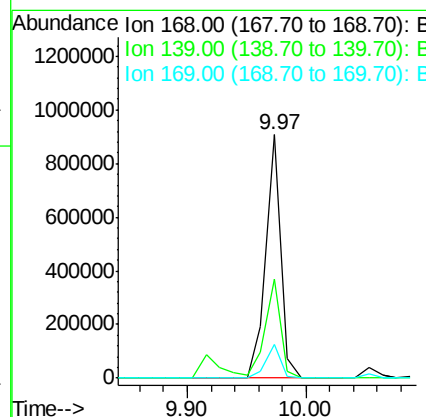
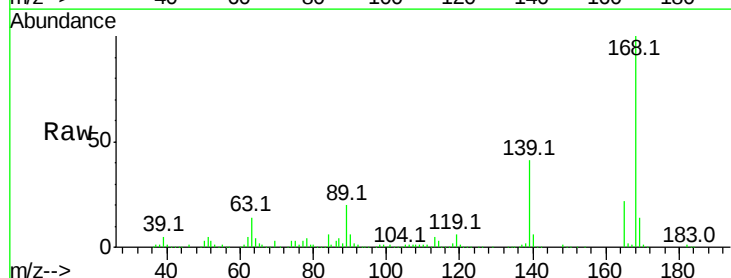
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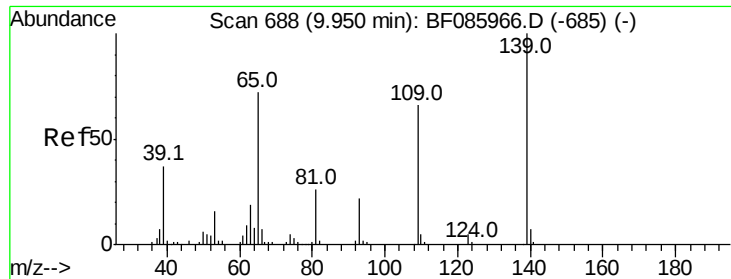
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#54
 Dibenzofuran
 Concen: 37.77 ng
 RT: 9.97 min Scan# 690
 Delta R.T. -0.05 min
 Lab File: BF086184.D
 Acq: 8 Apr 2016 22:45

Tgt Ion	Ratio	Resp	Lower	Upper
168	100			
139	40.7	31.9	47.9	
169	13.8	11.0	16.6	





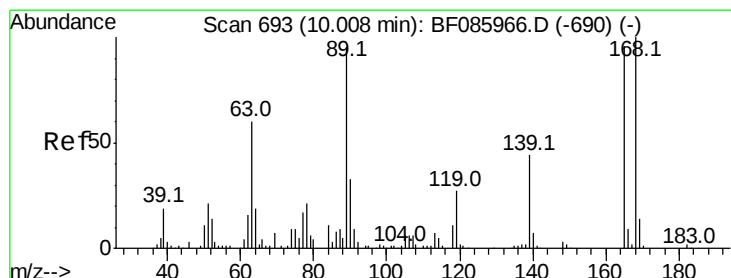
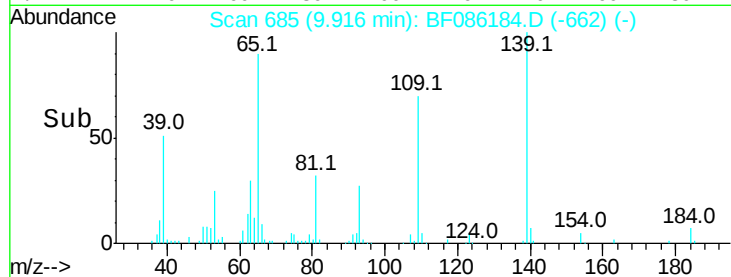
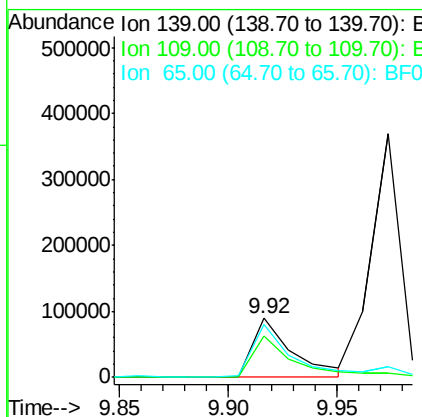
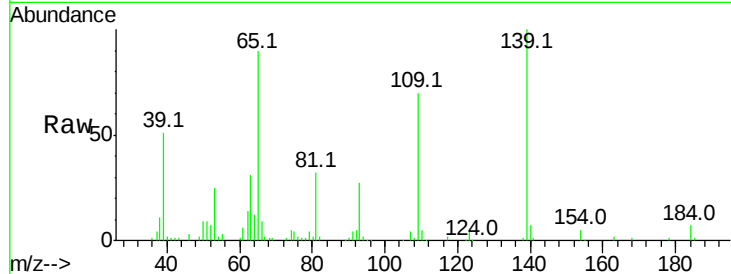
#55
4-Nitrophenol
Concen: 37.02 ng
RT: 9.92 min Scan# 685
Delta R.T. -0.03 min
Lab File: BF086184.D
Acq: 8 Apr 2016 22:45

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
139	100	112084		
109	70.1	49.2	89.2	
65	89.5	66.9	106.9	

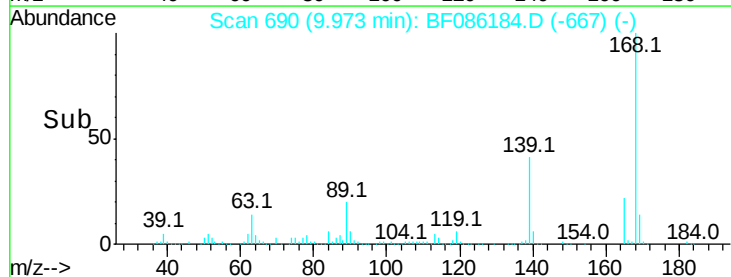
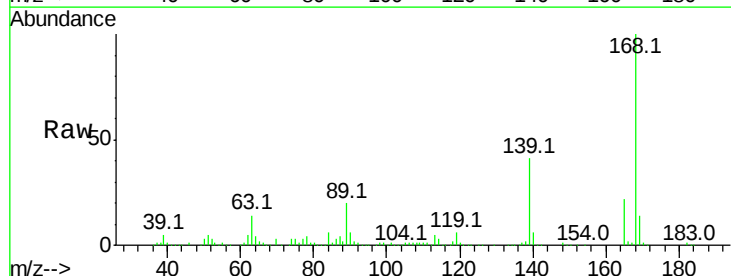
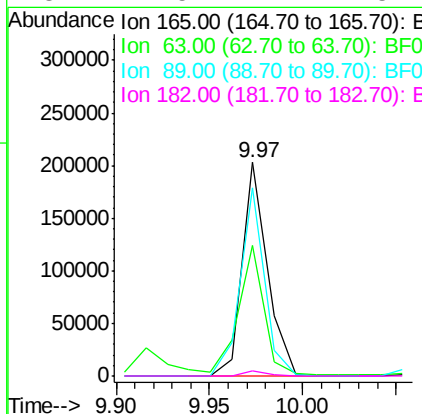
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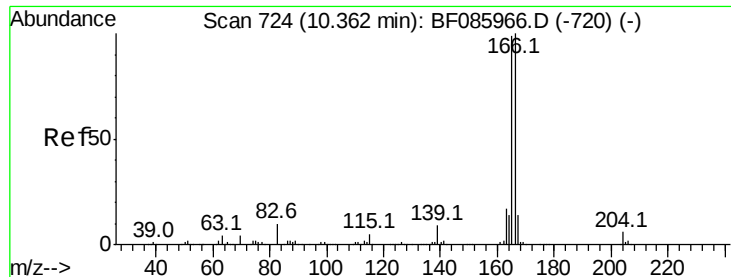
Sohil
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#56
2,4-Dinitrotoluene
Concen: 35.46 ng
RT: 9.97 min Scan# 690
Delta R.T. -0.03 min
Lab File: BF086184.D
Acq: 8 Apr 2016 22:45

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	190970		
63	61.2	24.9	37.3#	
89	88.3	41.0	61.6#	
182	2.5	2.1	3.1	





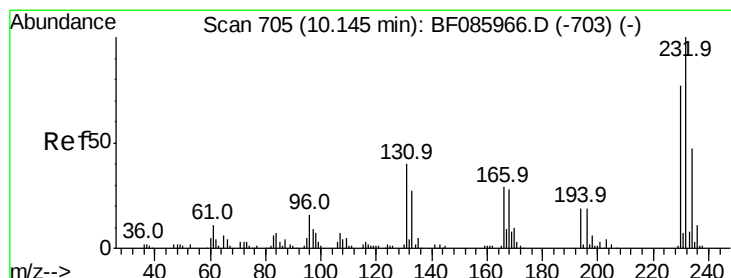
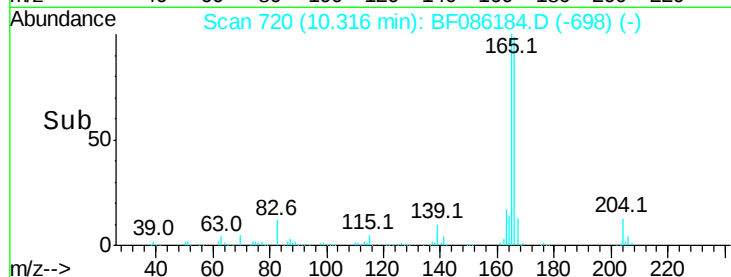
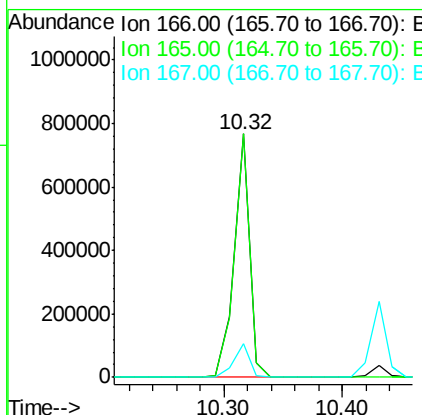
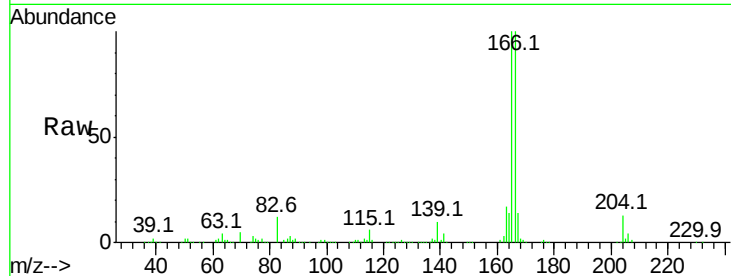
#57
 Fluorene
 Concen: 38.08 ng
 RT: 10.32 min Scan# 720
 Delta R.T. -0.05 min
 Lab File: BF086184.D
 Acq: 8 Apr 2016 22:45

Instrument :
 BNA_F
 ClientSampleId :
 SSTCCCC040

Tot Ion	Ratio	Resp	Lower	Upper
166	100	695120		
165	99.9	79.4	119.0	
167	13.6	11.0	16.4	

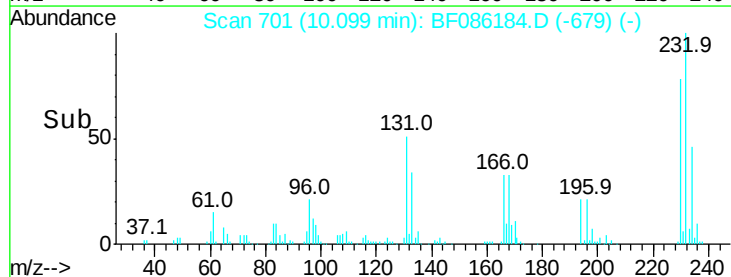
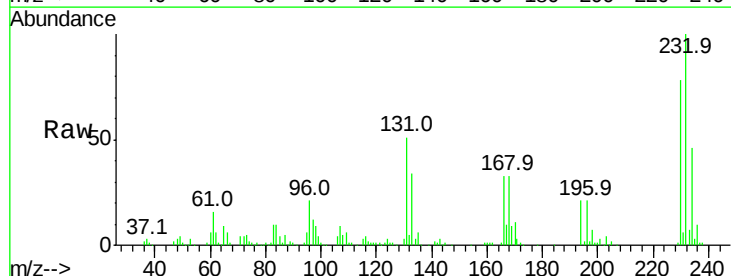
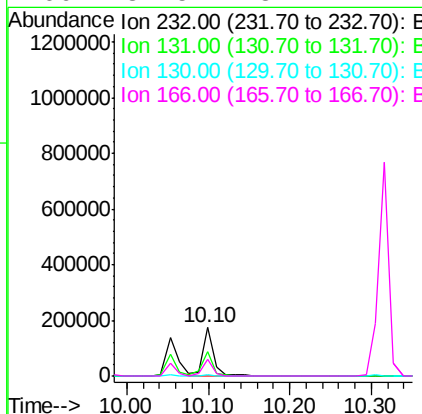
Manual Integrations
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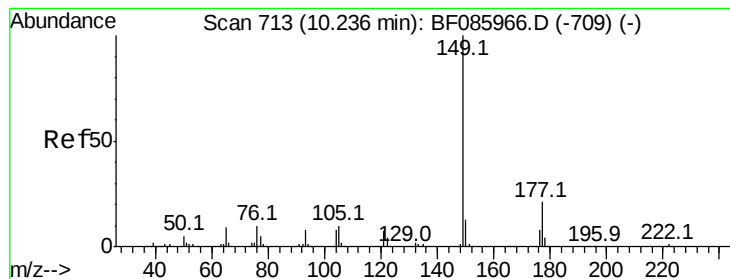
Sohil
 4/11/2016 5:45:19 PM



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 41.36 ng
 RT: 10.10 min Scan# 701
 Delta R.T. -0.05 min
 Lab File: BF086184.D
 Acq: 8 Apr 2016 22:45

Tgt Ion	Ratio	Resp	Lower	Upper
232	100	164009		
131	51.5	44.9	67.3	
130	2.6	2.3	3.5	
166	32.5	28.1	42.1	





#59

Diethylphthalate

Concen: 39.62 ng

RT: 10.20 min Scan# 710

Delta R.T. -0.03 min

Lab File: BF086184.D

Acq: 8 Apr 2016 22:45

Instrument :

BNA_F

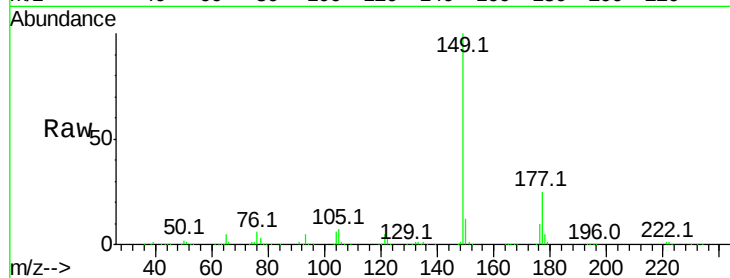
ClientSampleId :

SSTDCCC040

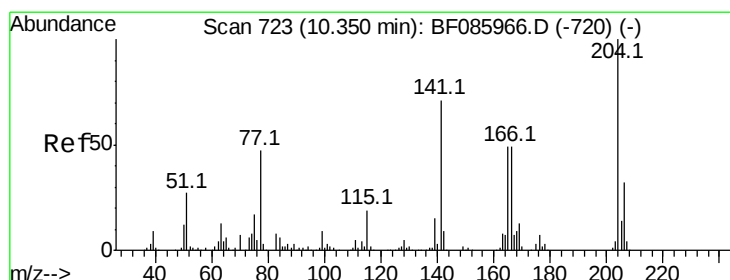
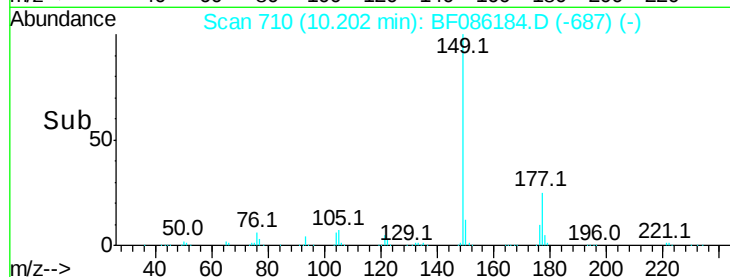
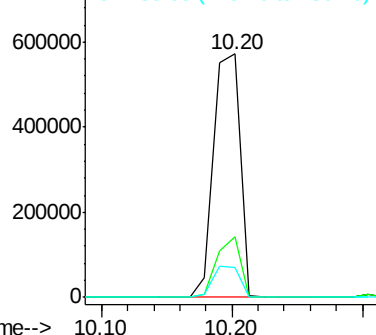
Tot Ion:	149	Resp:	805387
Ion Ratio	Lower	Upper	
149	100		
177	25.0	17.9	26.9
150	12.4	10.2	15.2

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Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 37.73 ng

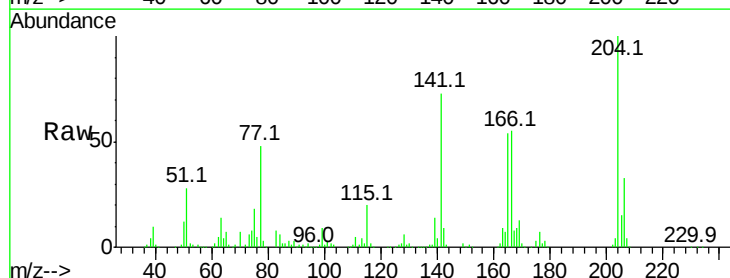
RT: 10.30 min Scan# 719

Delta R.T. -0.05 min

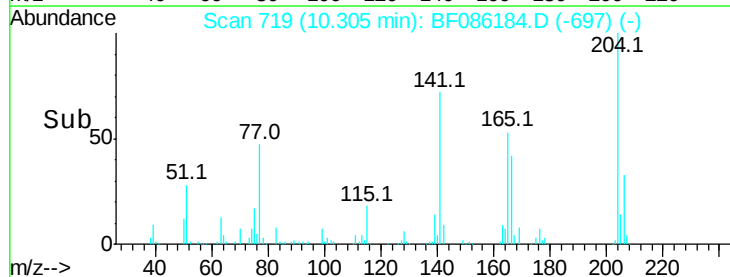
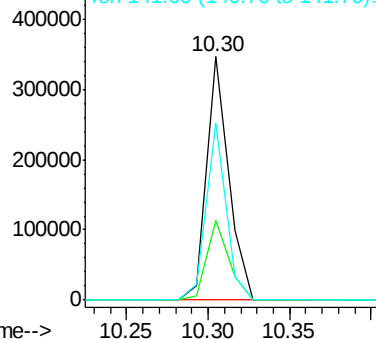
Lab File: BF086184.D

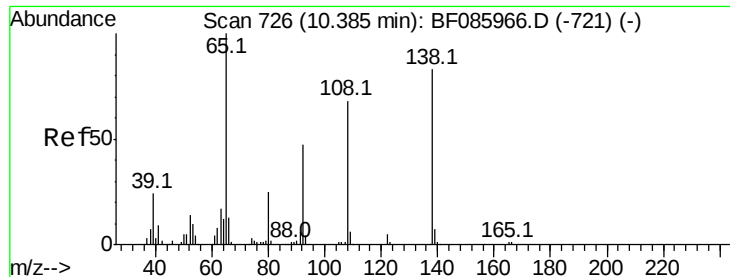
Acq: 8 Apr 2016 22:45

Tgt Ion:	204	Resp:	320835
Ion Ratio	Lower	Upper	
204	100		
206	32.7	26.6	39.8
141	72.7	57.4	86.0



Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E





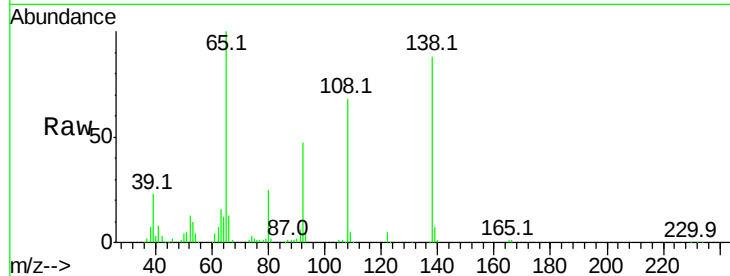
#61
4-Nitroaniline
Concen: 38.50 ng
RT: 10.35 min Scan# 723
Delta R.T. -0.03 min
Lab File: BF086184.D
Acq: 8 Apr 2016 22:45

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
138	100	194733		
92	53.7	26.4	66.4	
108	77.4	49.0	89.0	

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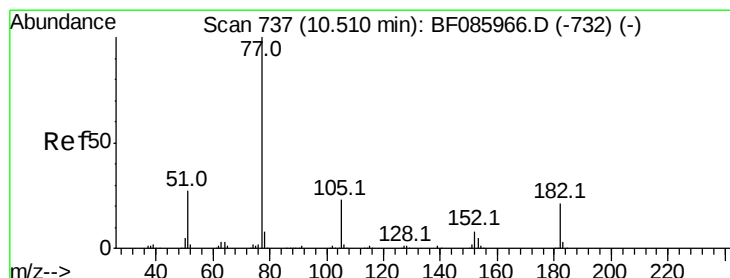
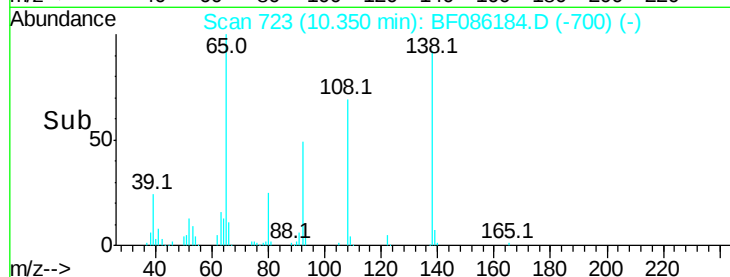
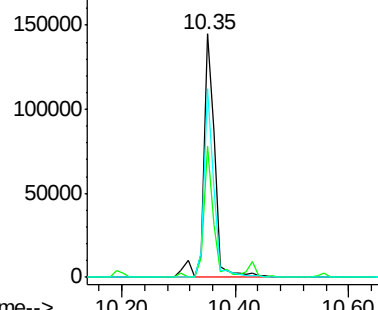


Abundance

Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E



#62
Azobenzene
Concen: 38.85 ng
RT: 10.46 min Scan# 733
Delta R.T. -0.05 min
Lab File: BF086184.D
Acq: 8 Apr 2016 22:45

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	756540		
182	20.1	1.9	41.9	
105	22.8	3.5	43.5	
51	26.4	6.3	46.3	

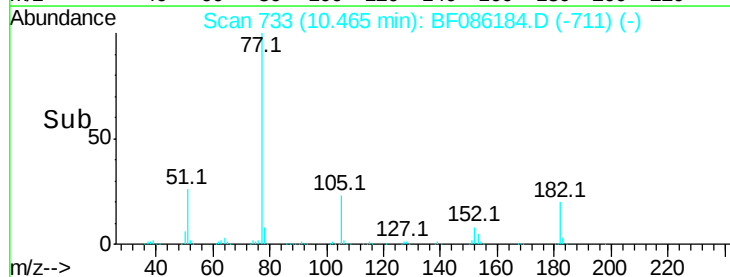
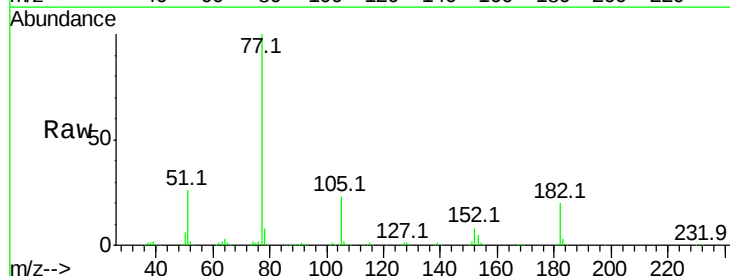
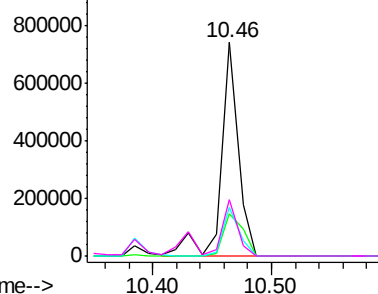
Abundance

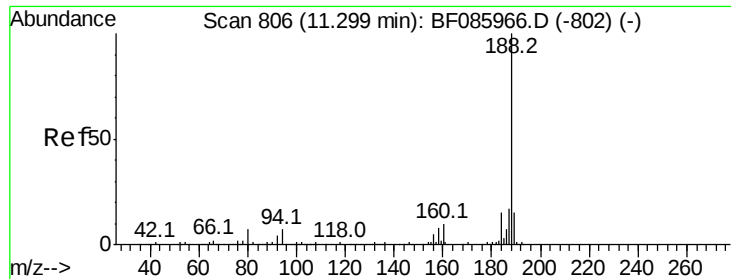
Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0





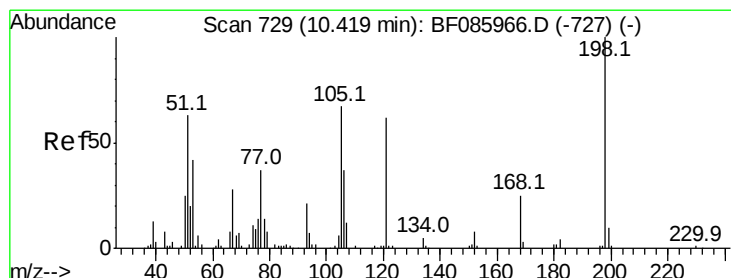
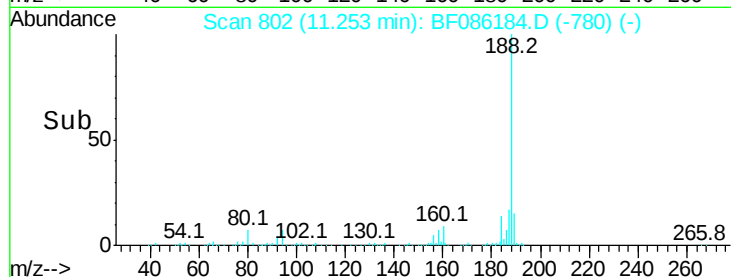
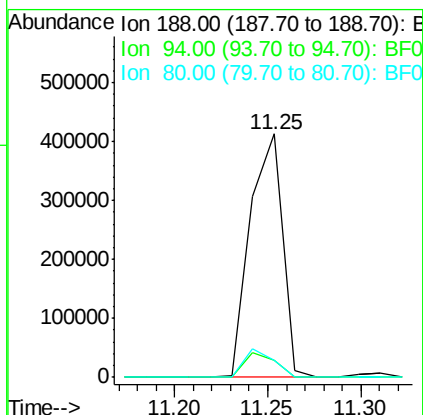
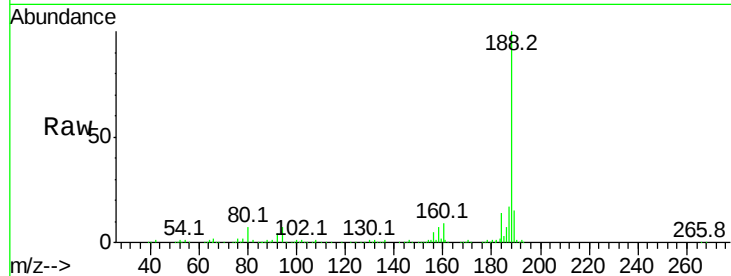
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.25 min Scan# 802
Delta R.T. -0.05 min
Lab File: BF086184.D
Acq: 8 Apr 2016 22:45

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp Lower	Upper
188	100		
94	7.0	5.4	8.0
80	6.9	5.5	8.3

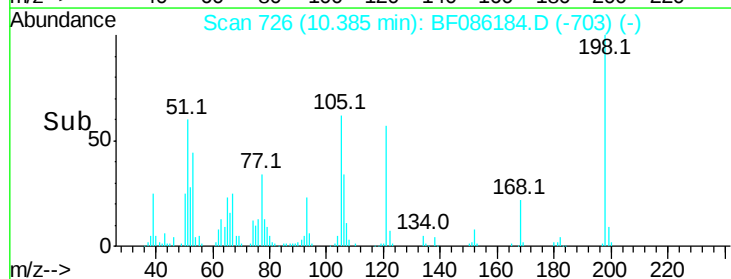
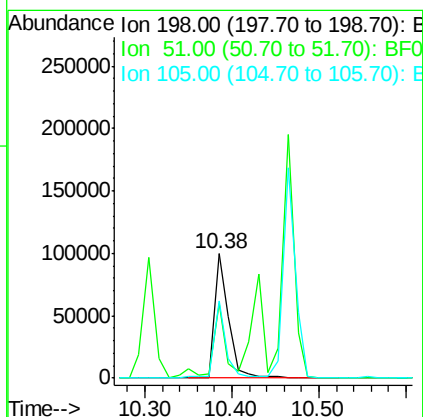
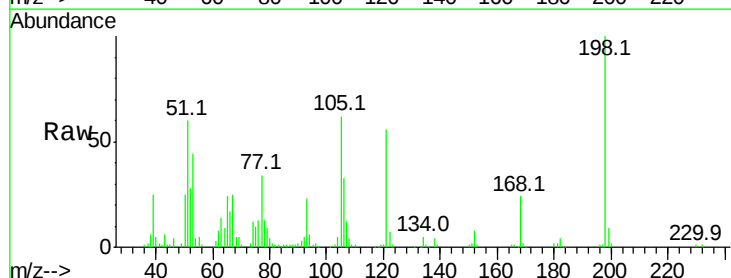
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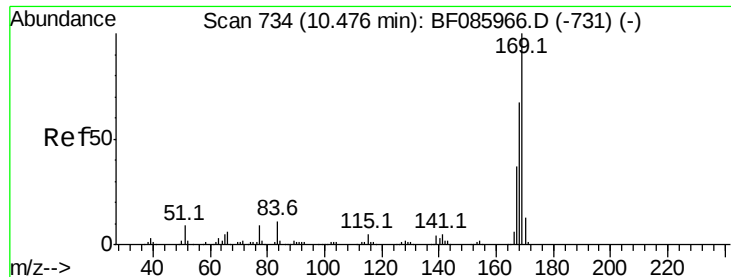
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#64
4,6-Dinitro-2-methylphenol
Concen: 37.59 ng
RT: 10.38 min Scan# 726
Delta R.T. -0.03 min
Lab File: BF086184.D
Acq: 8 Apr 2016 22:45

Tgt Ion	Ratio	Resp Lower	Upper
198	100		
51	60.0	45.4	85.4
105	62.0	45.9	85.9





#65

n-Nitrosodiphenylamine

Concen: 37.20 ng

RT: 10.43 min Scan# 730

Delta R.T. -0.05 min

Lab File: BF086184.D

Acq: 8 Apr 2016 22:45

Instrument :

BNA_F

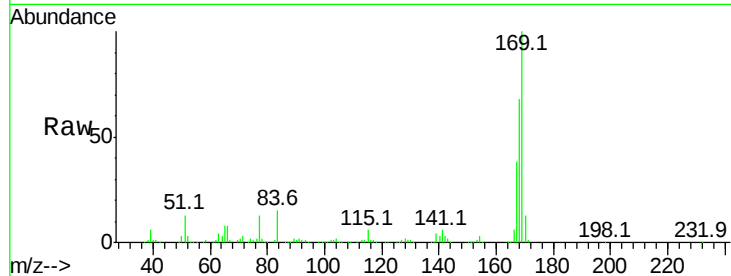
ClientSampleId :

SSTDCCC040

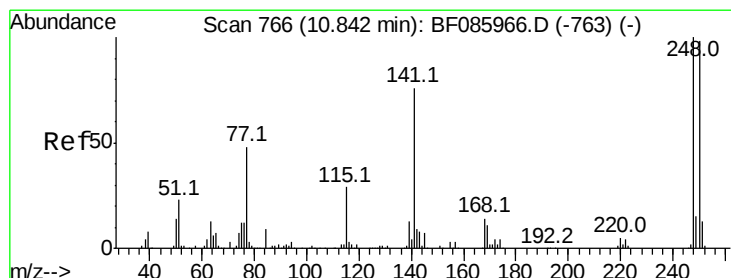
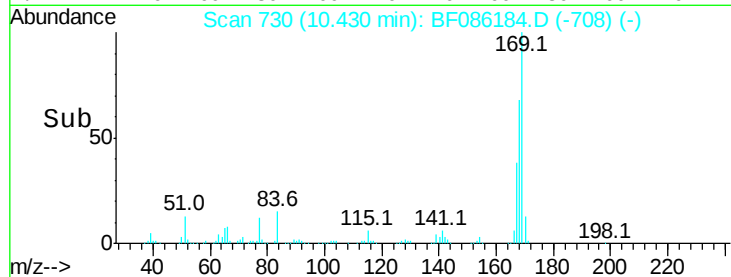
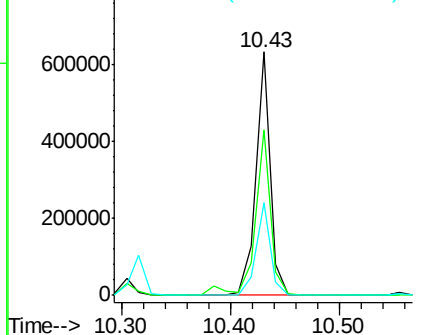
Tot Ion:	169	Resp:	587103
Ion Ratio	Lower	Upper	
169	100		
168	68.1	54.4	81.6
167	38.0	29.4	44.0

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



#66

4-Bromophenyl-phenylether

Concen: 43.29 ng

RT: 10.80 min Scan# 762

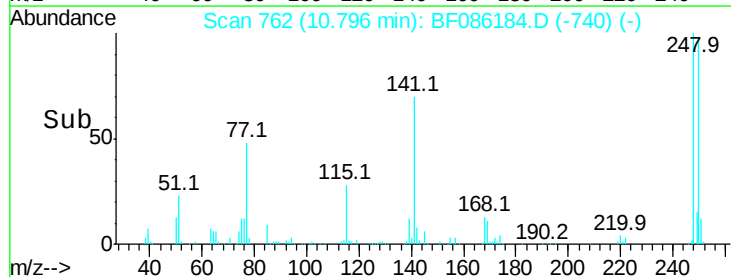
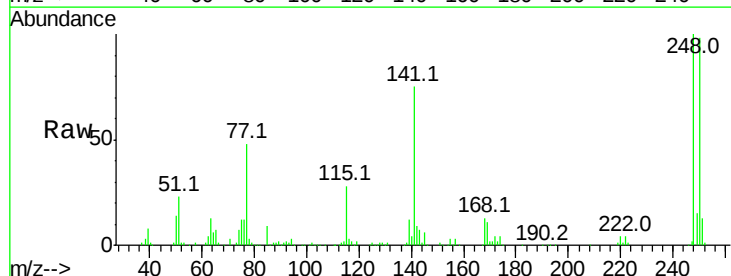
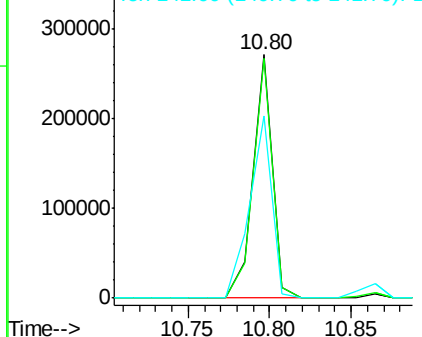
Delta R.T. -0.05 min

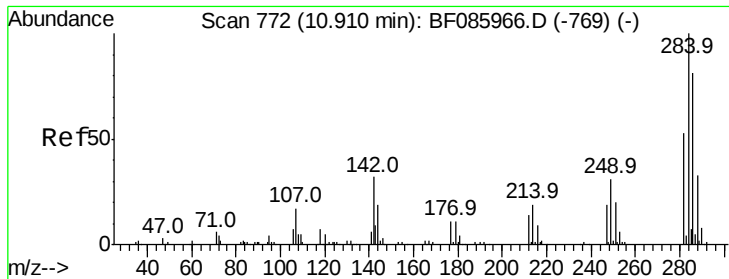
Lab File: BF086184.D

Acq: 8 Apr 2016 22:45

Tgt Ion:	248	Resp:	223036
Ion Ratio	Lower	Upper	
248	100		
250	98.4	77.4	116.0
141	74.7	63.6	95.4

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





#67

Hexachlorobenzene

Concen: 42.74 ng

RT: 10.86 min Scan# 768

Delta R.T. -0.05 min

Lab File: BF086184.D

Acq: 8 Apr 2016 22:45

Instrument :

BNA_F

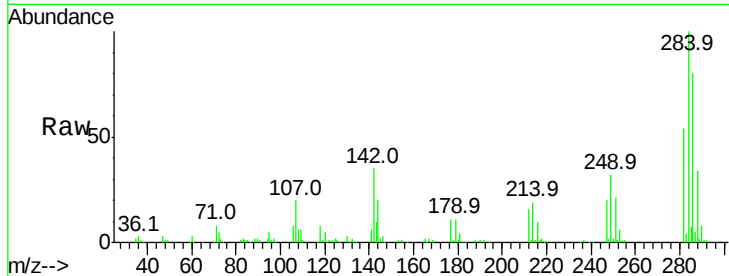
ClientSampleId :

SSTDCCC040

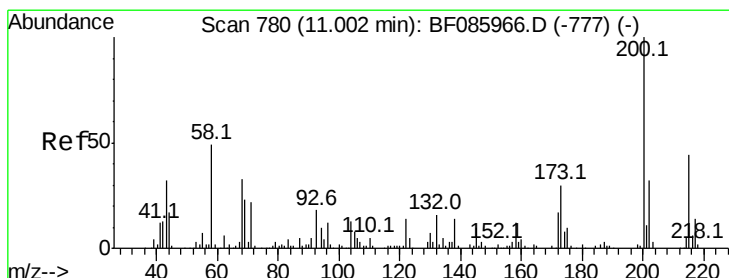
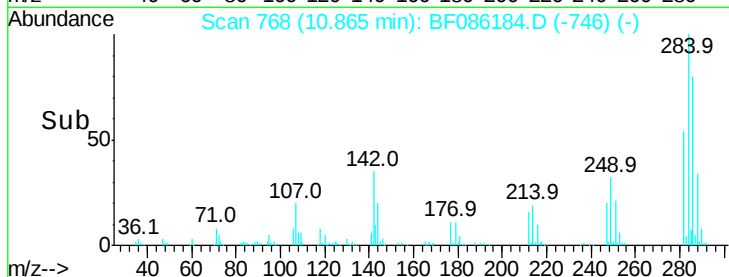
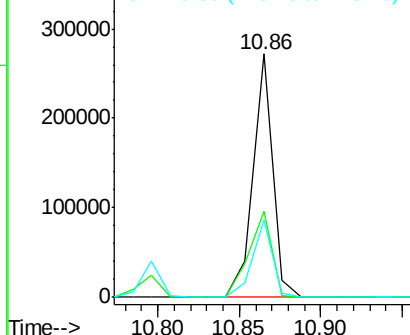
Tot Ion:	284	Resp:	227668
Ion Ratio	Lower	Upper	
284	100		
142	35.3	23.1	34.7#
249	31.8	24.2	36.2

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Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 39.11 ng

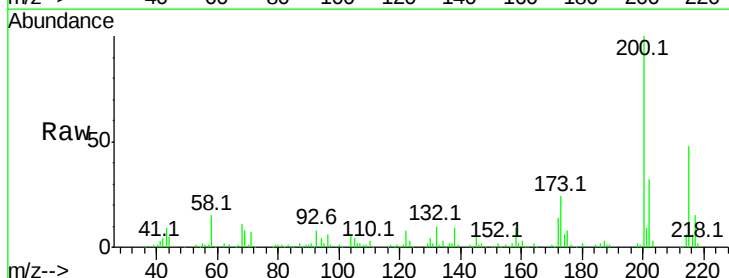
RT: 10.97 min Scan# 777

Delta R.T. -0.03 min

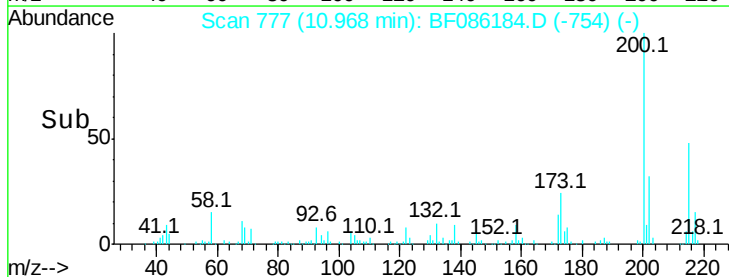
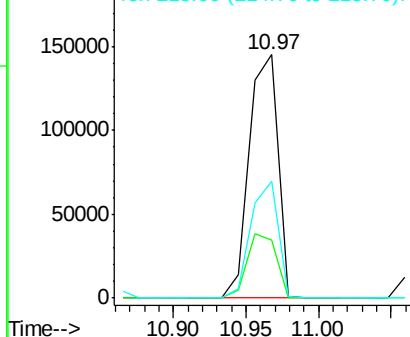
Lab File: BF086184.D

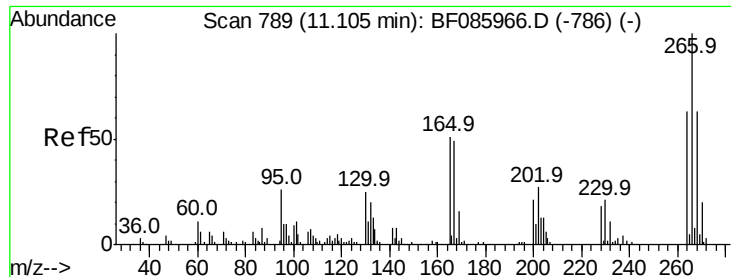
Acq: 8 Apr 2016 22:45

Tgt Ion:	200	Resp:	199391
Ion Ratio	Lower	Upper	
200	100		
173	24.0	7.7	47.7
215	48.1	25.4	65.4



Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E





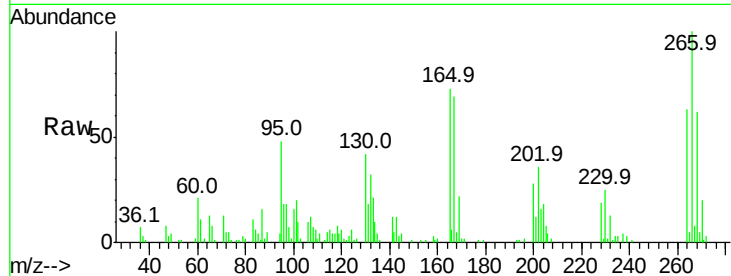
#69
 Pentachlorophenol
 Concen: 33.68 ng
 RT: 11.06 min Scan# 785
 Delta R.T. -0.05 min
 Lab File: BF086184.D
 Acq: 8 Apr 2016 22:45

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

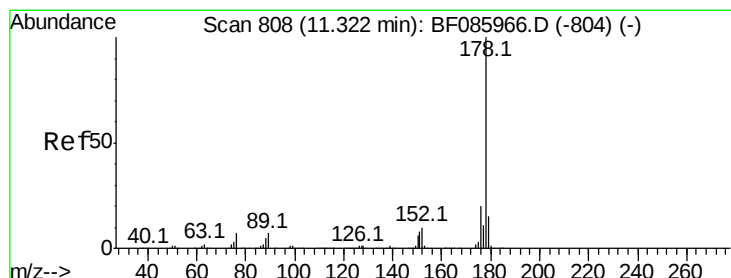
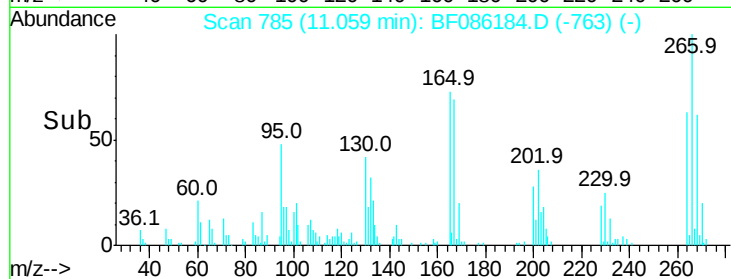
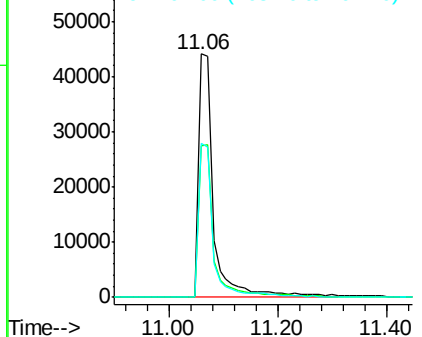
Tot Ion	Ratio	Lower	Upper
266	100		
268	62.1	51.5	77.3
264	63.5	50.6	76.0

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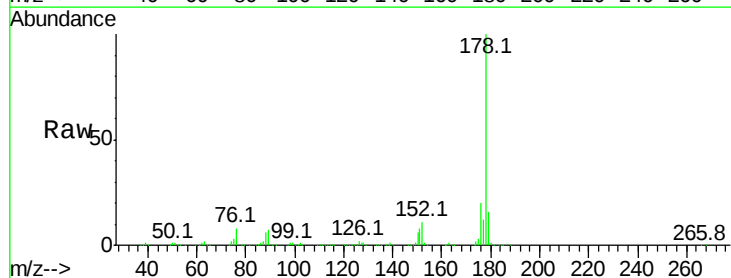


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

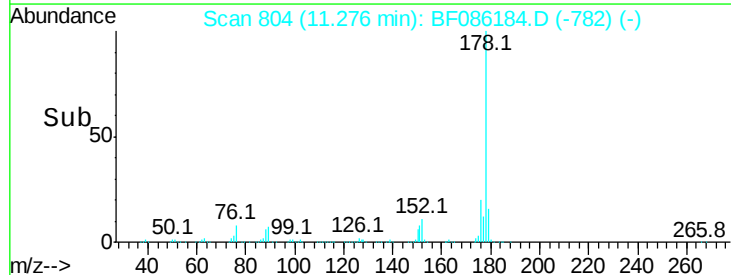
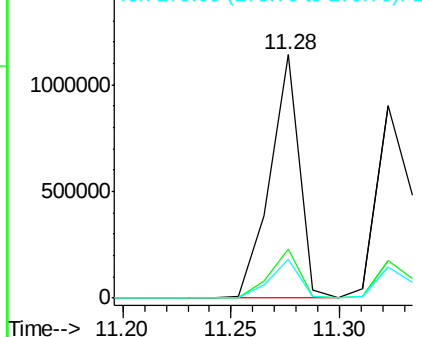


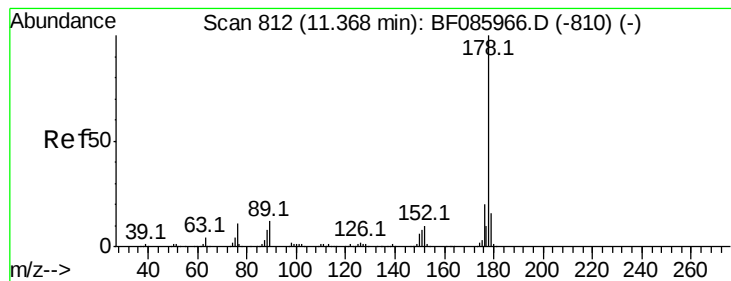
#70
 Phenanthrene
 Concen: 39.22 ng
 RT: 11.28 min Scan# 804
 Delta R.T. -0.05 min
 Lab File: BF086184.D
 Acq: 8 Apr 2016 22:45

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.3	16.3	24.5
179	15.7	12.6	18.8



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





#71

Anthracene

Concen: 34.46 ng

RT: 11.32 min Scan# 808

Delta R.T. -0.05 min

Lab File: BF086184.D

Acq: 8 Apr 2016 22:45

Instrument :

BNA_F

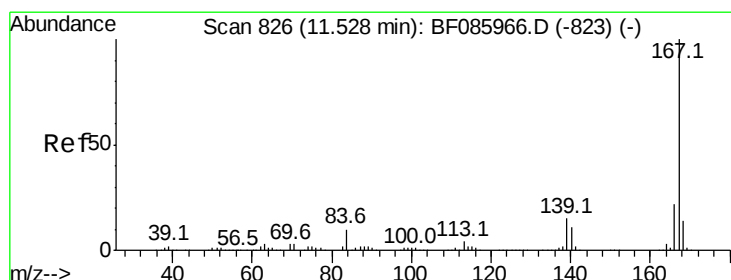
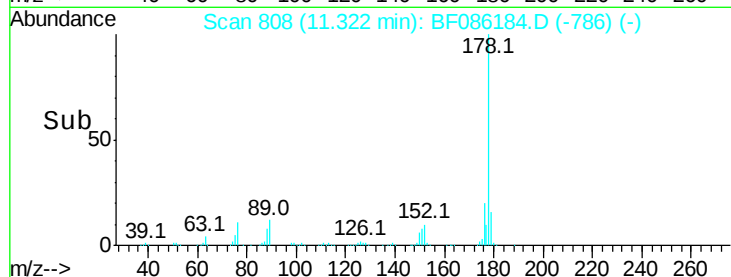
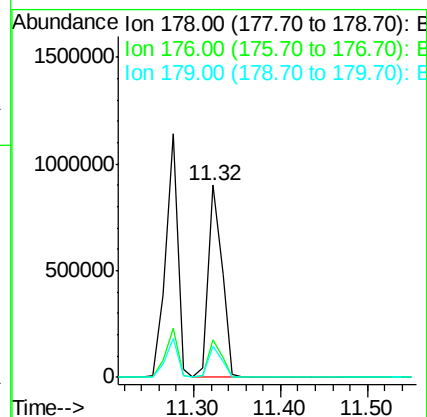
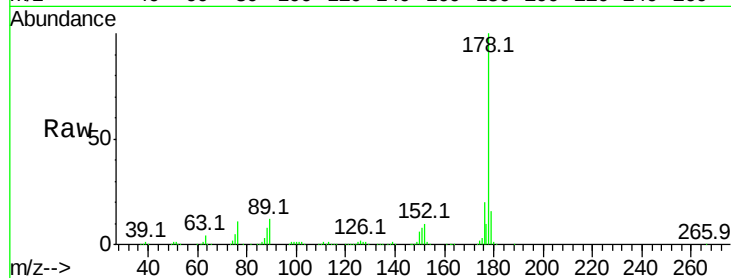
ClientSampleId :

SSTDCCC040

Tot Ion:	178	Resp:	993791
Ion Ratio	Lower	Upper	
178	100		
176	19.7	15.9	23.9
179	16.1	13.0	19.4

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#72

Carbazole

Concen: 34.78 ng

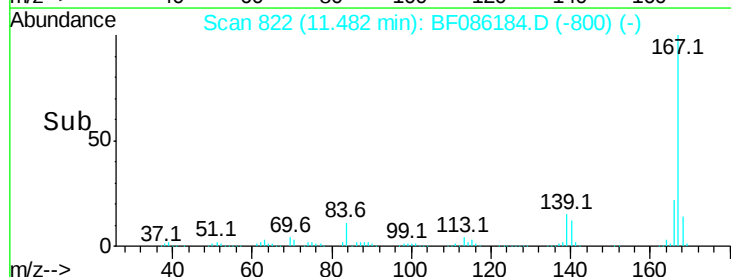
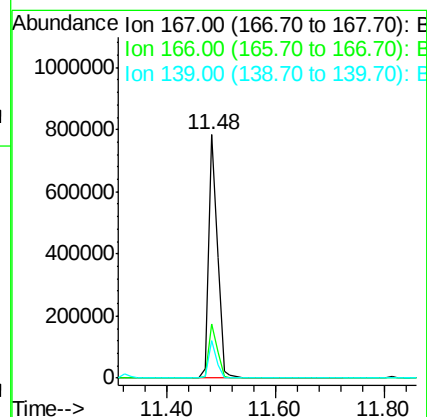
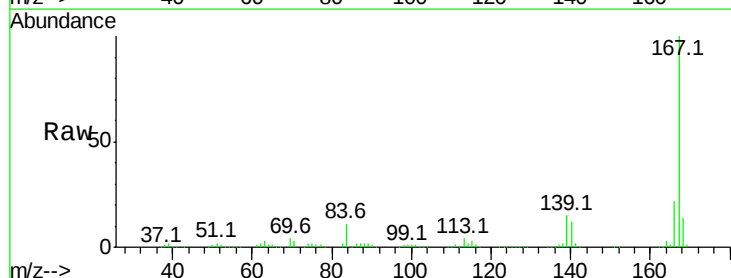
RT: 11.48 min Scan# 822

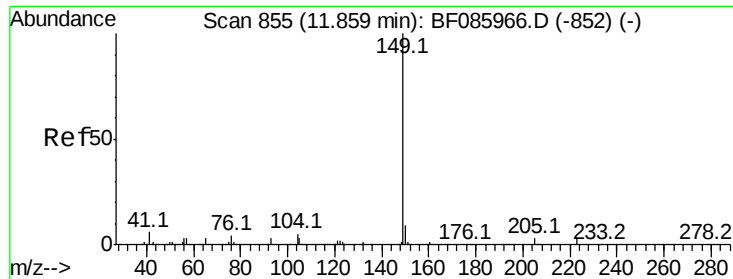
Delta R.T. -0.05 min

Lab File: BF086184.D

Acq: 8 Apr 2016 22:45

Tgt Ion:	167	Resp:	862122
Ion Ratio	Lower	Upper	
167	100		
166	22.4	17.8	26.8
139	15.4	11.6	17.4





#73

Di-n-butylphthalate

Concen: 38.70 ng

RT: 11.81 min Scan# 851

Delta R.T. -0.05 min

Lab File: BF086184.D

Acq: 8 Apr 2016 22:45

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:149 Resp: 1188732

Ion Ratio Lower Upper

149 100

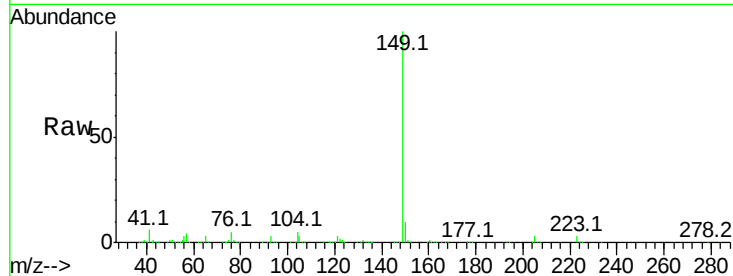
150 9.8 7.6 11.4

104 5.2 3.8 5.8

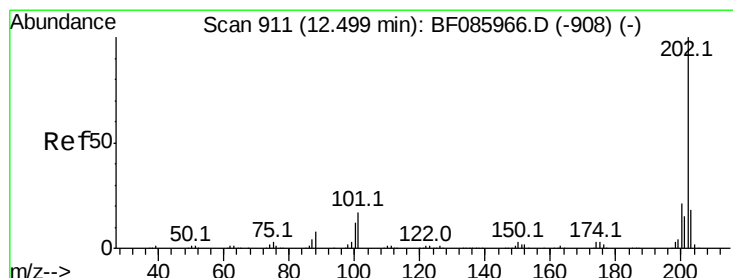
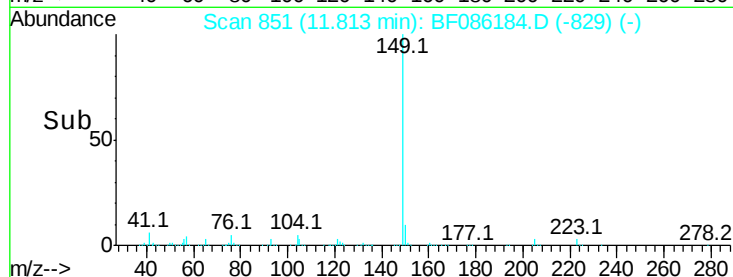
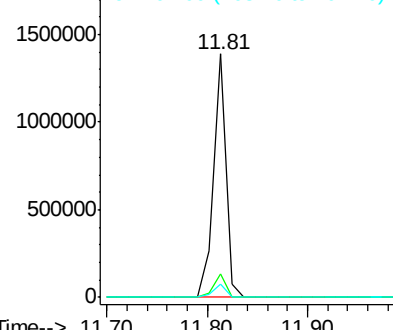
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Abundance Ion 149.00 (148.70 to 149.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 35.52 ng

RT: 12.45 min Scan# 907

Delta R.T. -0.05 min

Lab File: BF086184.D

Acq: 8 Apr 2016 22:45

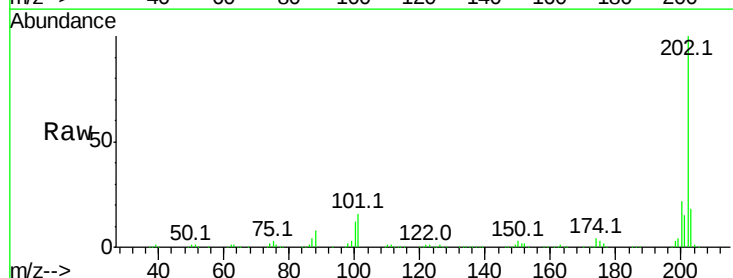
Tgt Ion:202 Resp: 1017090

Ion Ratio Lower Upper

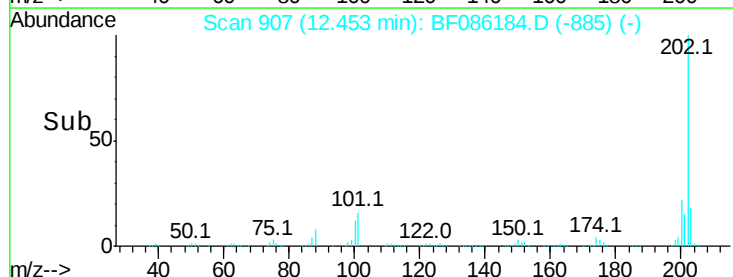
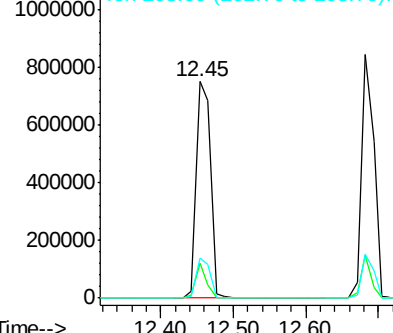
202 100

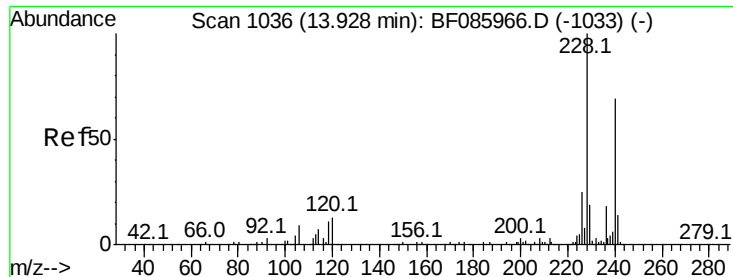
101 16.3 0.0 36.6

203 18.4 0.0 38.1



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.88 min Scan# 1032

Delta R.T. -0.05 min

Lab File: BF086184.D

Acq: 8 Apr 2016 22:45

Instrument :

BNA_F

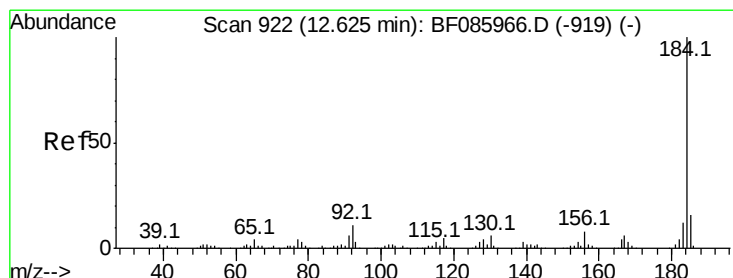
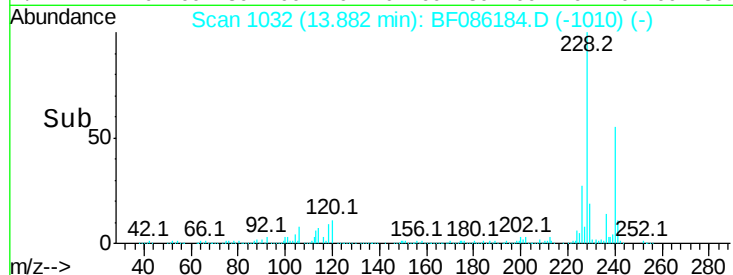
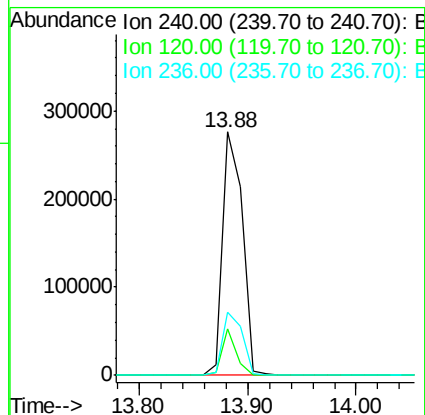
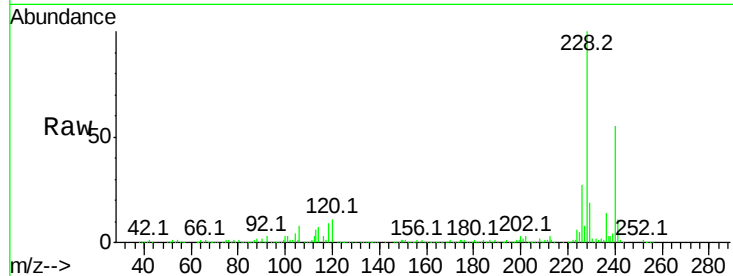
ClientSampleId :

SSTDCCC040

Tot Ion:	240	Resp:	350667
Ion Ratio		Lower	Upper
240	100		
120	19.1	13.8	20.8
236	26.1	20.6	30.8

Manual Integrations
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#76

Benzidine

Concen: 35.77 ng

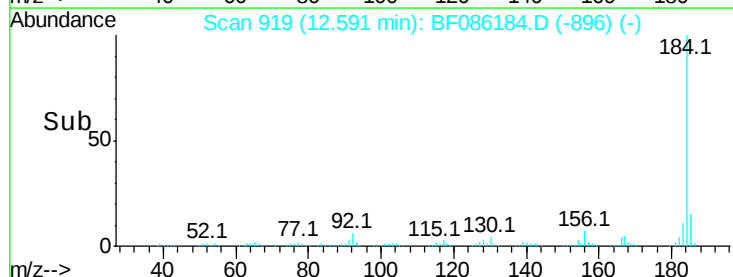
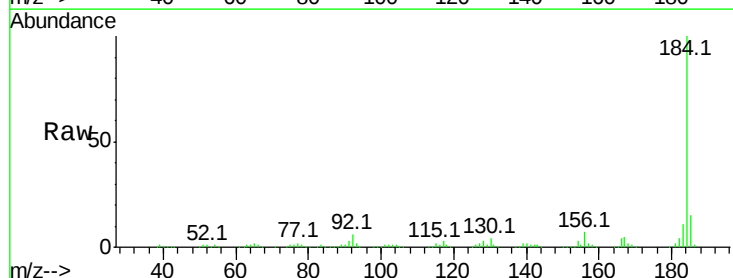
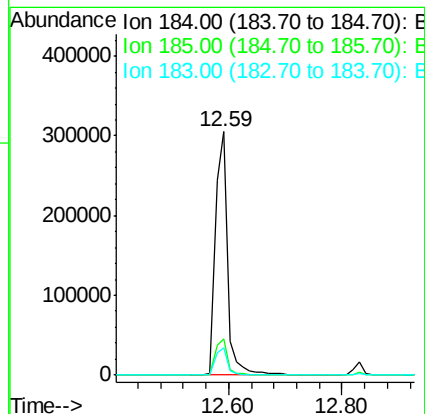
RT: 12.59 min Scan# 919

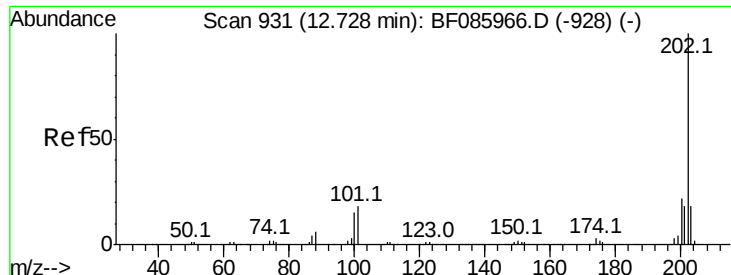
Delta R.T. -0.03 min

Lab File: BF086184.D

Acq: 8 Apr 2016 22:45

Tgt Ion:	184	Resp:	442602
Ion Ratio		Lower	Upper
184	100		
185	15.0	12.4	18.6
183	11.4	9.4	14.2





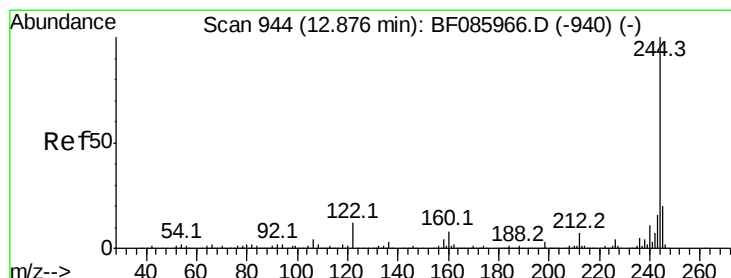
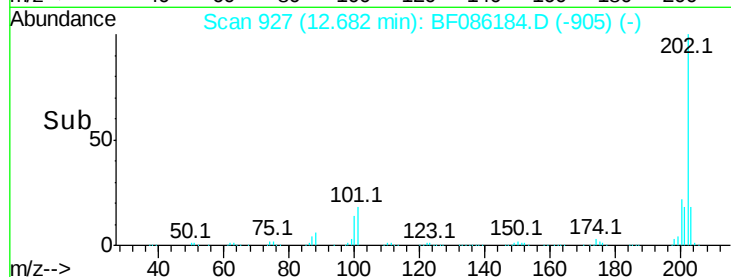
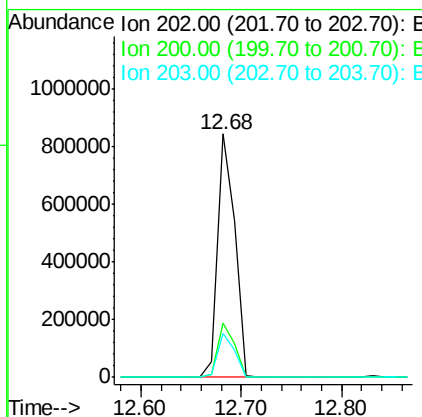
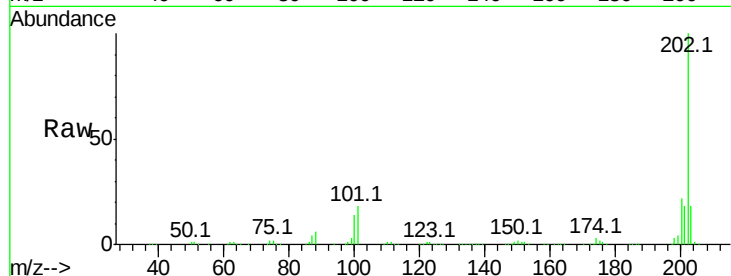
#77
Pvrene
Concen: 40.42 ng
RT: 12.68 min Scan# 927
Delta R.T. -0.05 min
Lab File: BF086184.D
Acq: 8 Apr 2016 22:45

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
202	100		
200	22.3	17.6	26.4
203	18.2	14.0	21.0

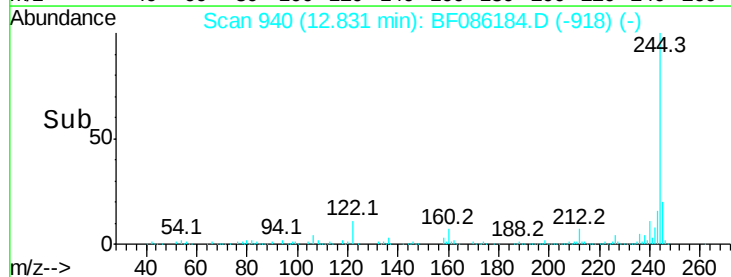
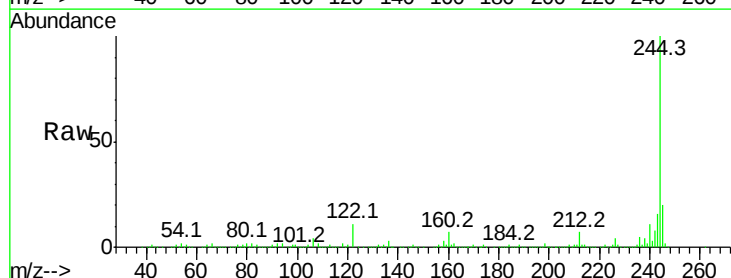
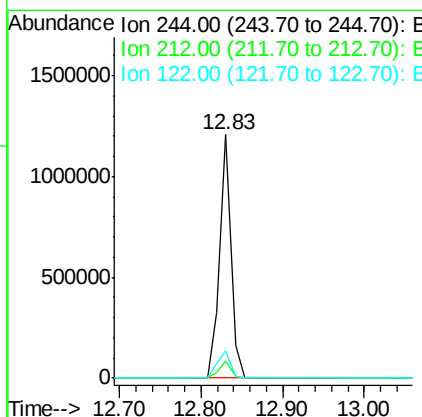
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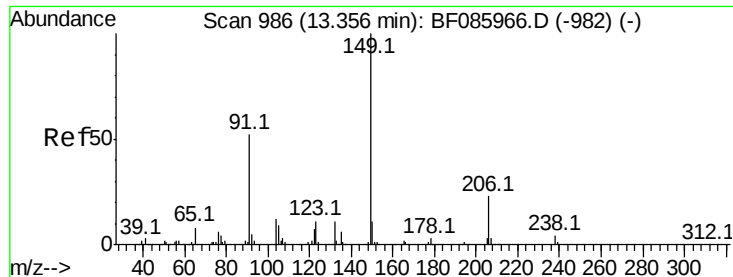
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#78
Terphenyl-d14
Concen: 78.41 ng
RT: 12.83 min Scan# 940
Delta R.T. -0.05 min
Lab File: BF086184.D
Acq: 8 Apr 2016 22:45

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.2	6.1	9.1
122	11.3	10.2	15.4





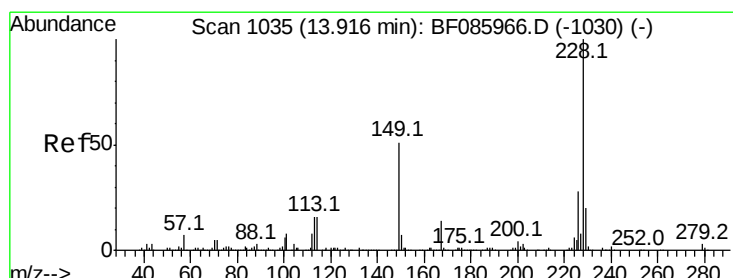
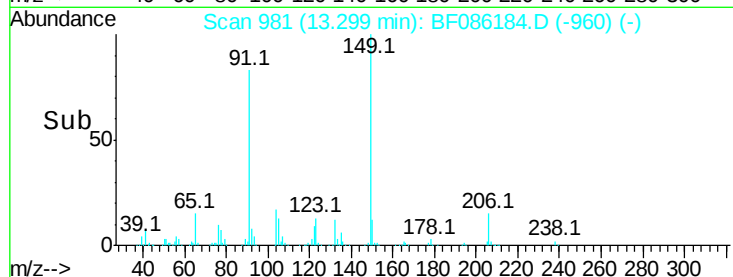
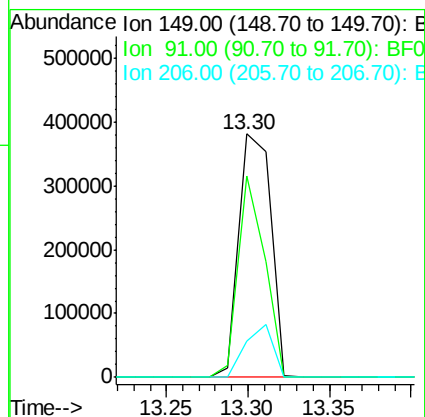
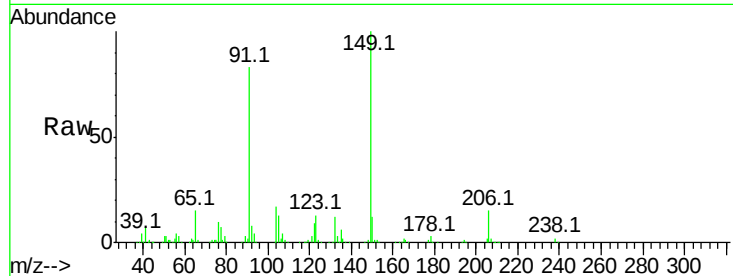
#79
Butylbenzylphthalate
Concen: 46.40 ng
RT: 13.30 min Scan# 981
Delta R.T. -0.06 min
Lab File: BF086184.D
Acq: 8 Apr 2016 22:45

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp Lower	Upper
149	100		
91	82.8	45.8	68.8#
206	15.0	17.8	26.8#

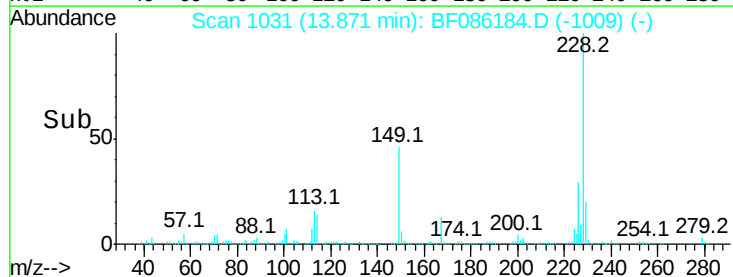
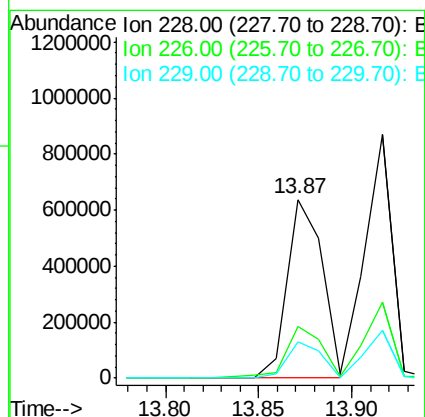
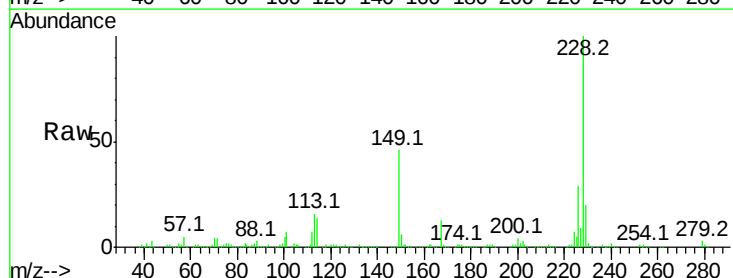
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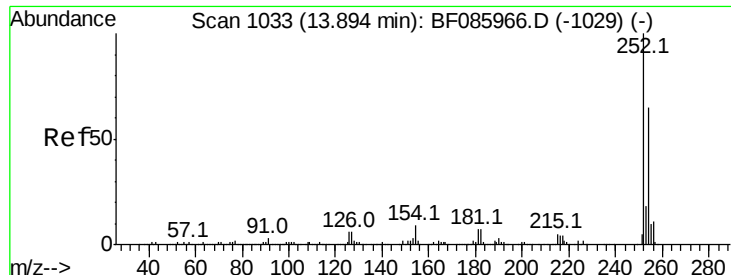
Sohil
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#80
Benzo(a)anthracene
Concen: 40.79 ng
RT: 13.87 min Scan# 1031
Delta R.T. -0.05 min
Lab File: BF086184.D
Acq: 8 Apr 2016 22:45

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
226	28.6	22.1	33.1
229	20.4	16.2	24.4





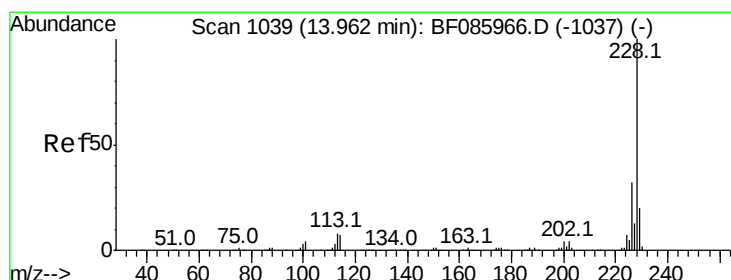
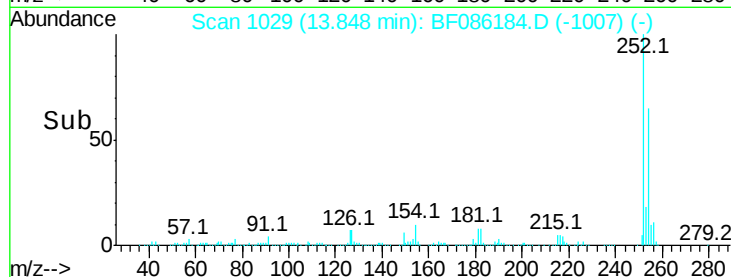
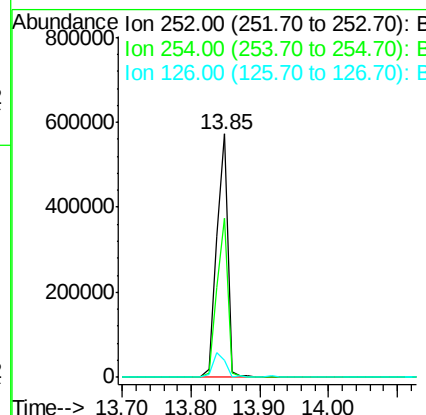
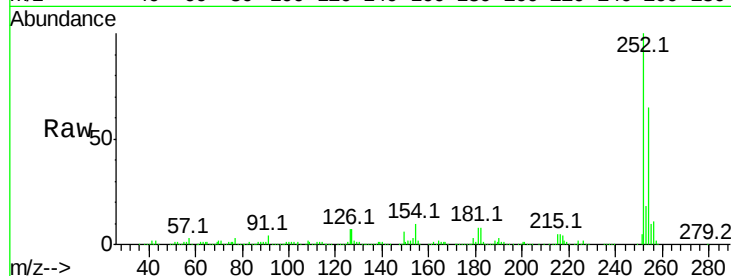
#81
 3,3'-Dichlorobenzidine
 Concen: 43.18 ng
 RT: 13.85 min Scan# 1029
 Delta R.T. -0.05 min
 Lab File: BF086184.D
 Acq: 8 Apr 2016 22:45

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
252	100		
254	65.3	50.7	76.1
126	7.0	11.8	17.6

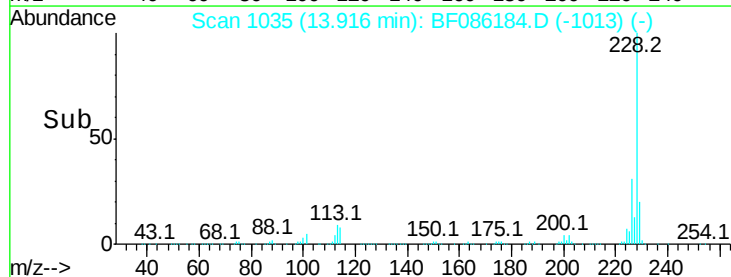
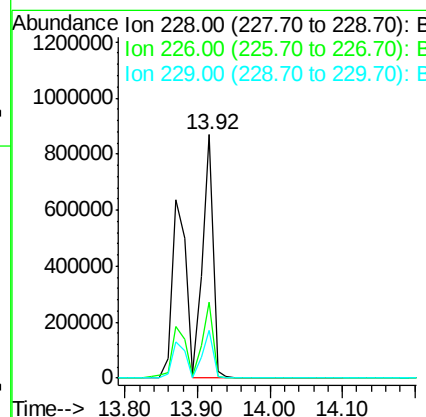
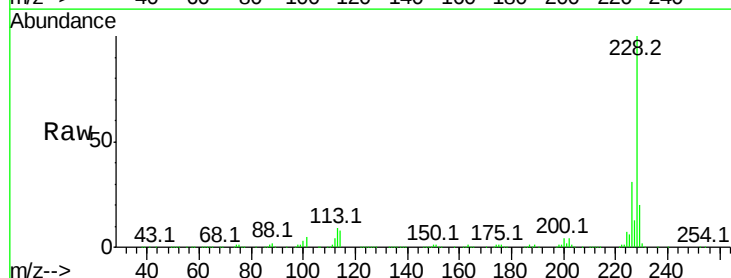
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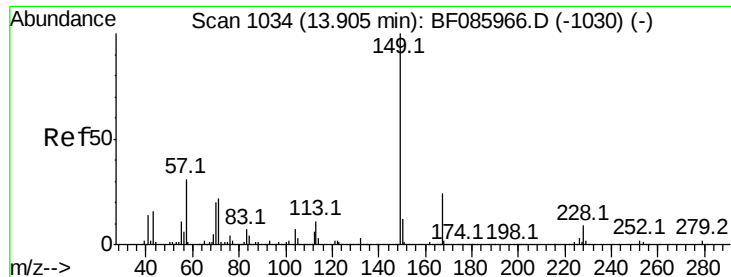
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#82
 Chrysene
 Concen: 43.92 ng
 RT: 13.92 min Scan# 1035
 Delta R.T. -0.05 min
 Lab File: BF086184.D
 Acq: 8 Apr 2016 22:45

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.3	25.0	37.6
229	19.7	15.7	23.5





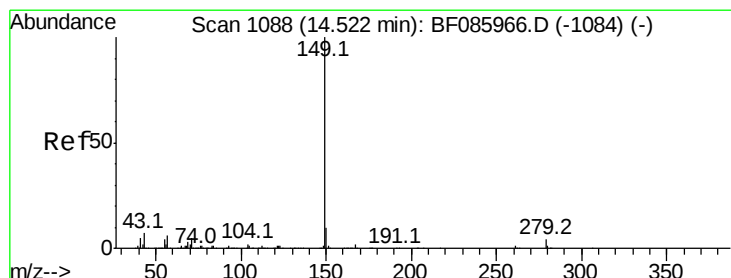
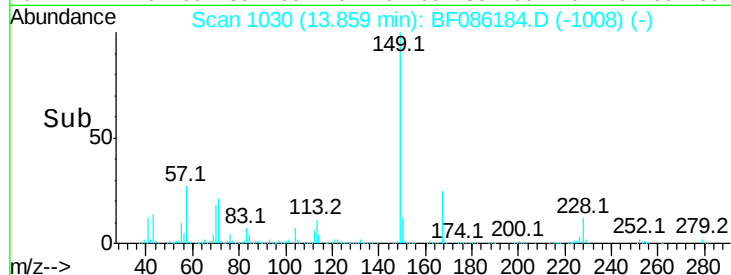
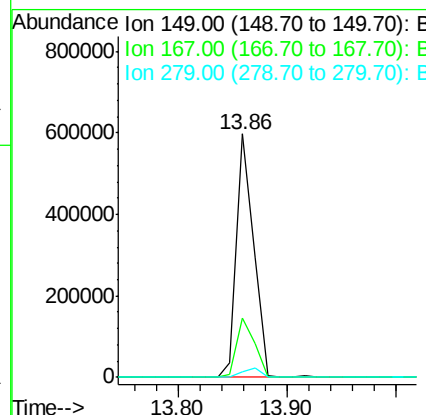
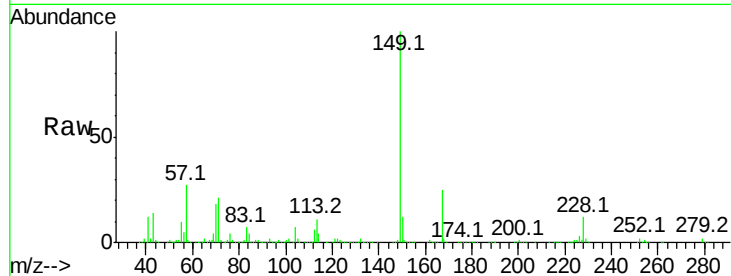
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 43.64 ng
 RT: 13.86 min Scan# 1030
 Delta R.T. -0.05 min
 Lab File: BF086184.D
 Acq: 8 Apr 2016 22:45

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
149	100		
167	24.6	19.4	29.2
279	2.2	1.5	2.3

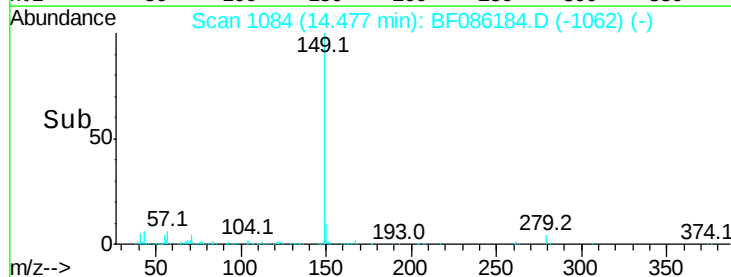
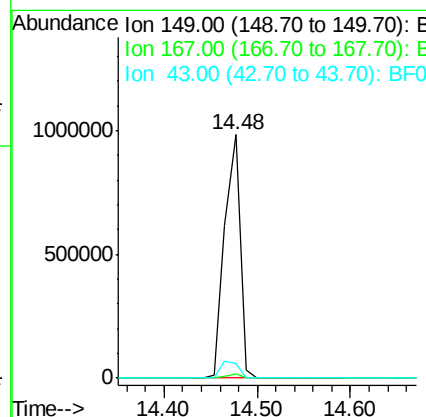
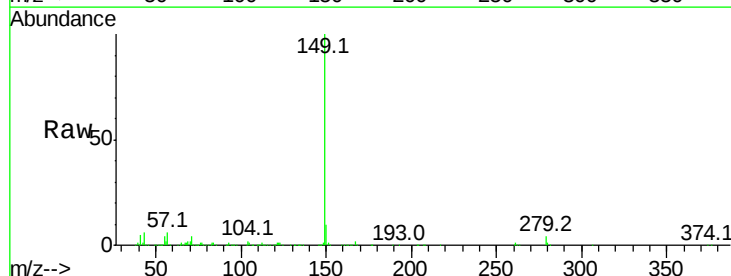
Manual Integrations
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#84
 Di-n-octyl phthalate
 Concen: 48.13 ng
 RT: 14.48 min Scan# 1084
 Delta R.T. -0.05 min
 Lab File: BF086184.D
 Acq: 8 Apr 2016 22:45

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.2	1.8
43	8.2	7.1	10.7





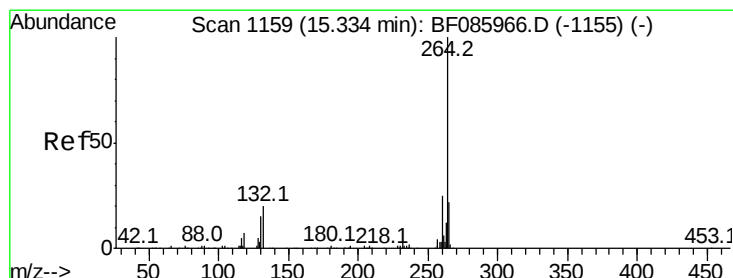
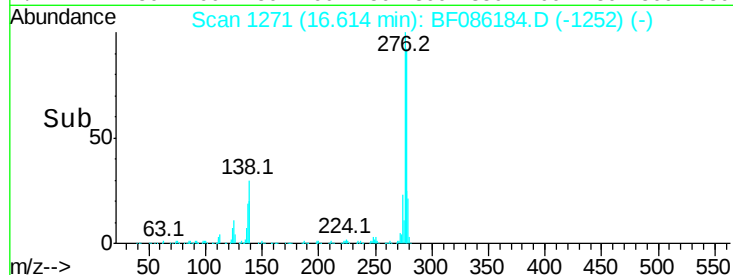
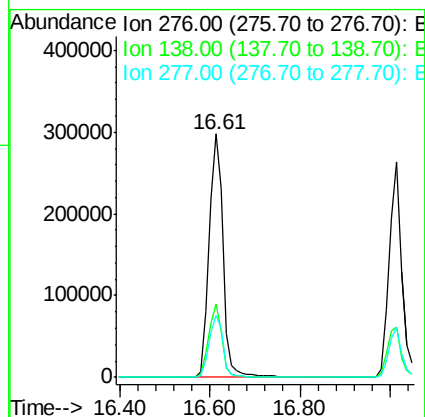
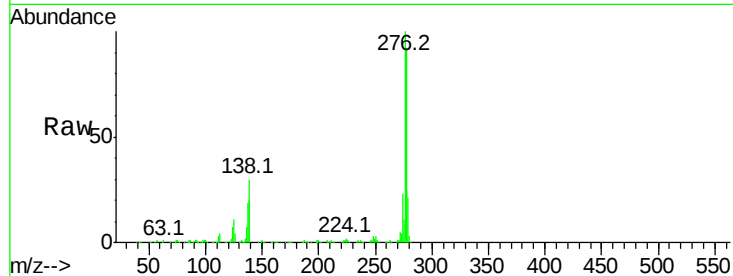
#85
Indeno(1,2,3-cd)pyrene
Concen: 39.85 ng
RT: 16.61 min Scan# 1271
Delta R.T. -0.08 min
Lab File: BF086184.D
Acq: 8 Apr 2016 22:45

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
276	100	643751		
138	28.9		24.2	36.4
277	25.1		20.0	30.0

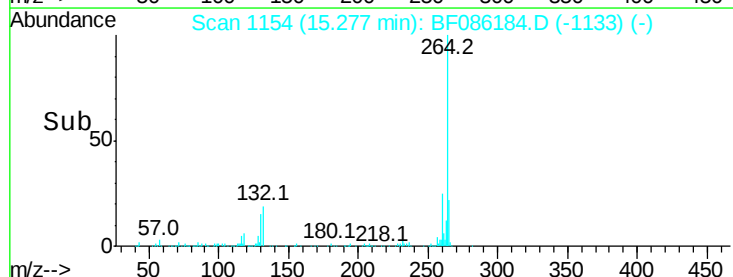
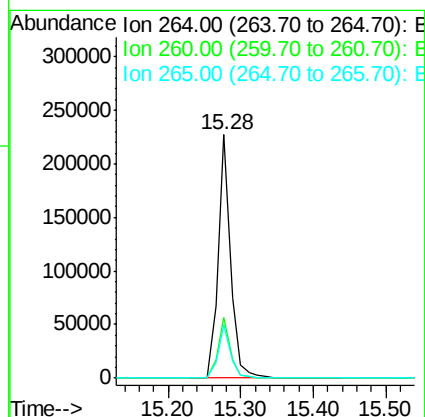
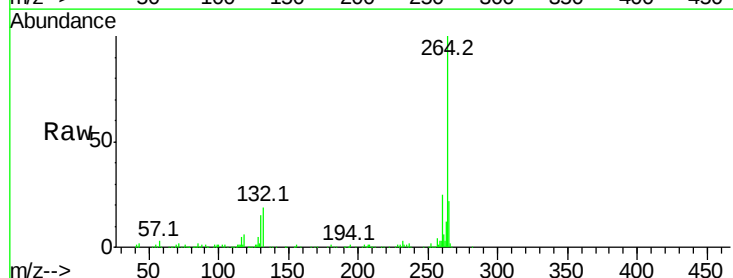
Manual Integrations
APPROVED

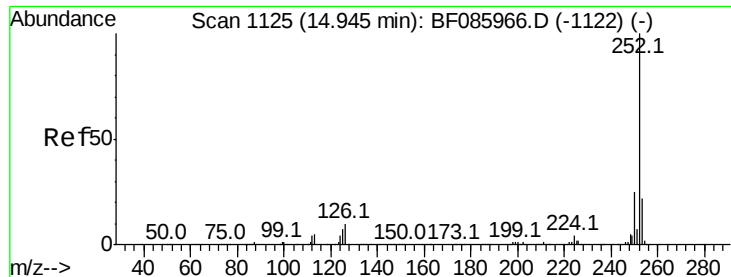
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#86
Perylene-d12
Concen: 20.00 ng
RT: 15.28 min Scan# 1154
Delta R.T. -0.06 min
Lab File: BF086184.D
Acq: 8 Apr 2016 22:45

Tgt Ion	Ratio	Resp	Lower	Upper
264	100	270475		
260	24.9		19.4	29.2
265	21.6		17.2	25.8





#87

Benzo(b)fluoranthene

Concen: 38.27 ng m

RT: 14.89 min Scan# 1120

Delta R.T. -0.06 min

Lab File: BF086184.D

Acq: 8 Apr 2016 22:45

Instrument :

BNA_F

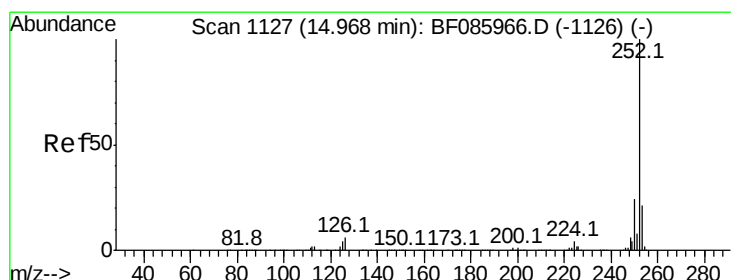
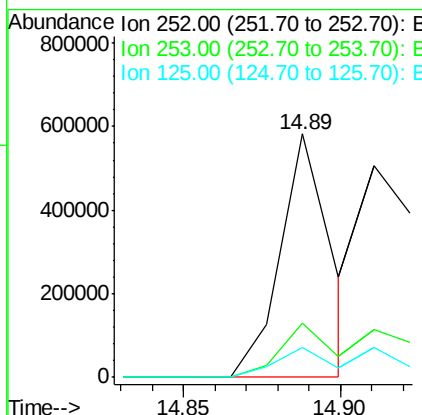
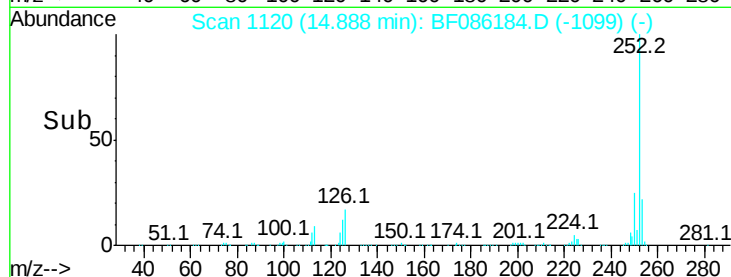
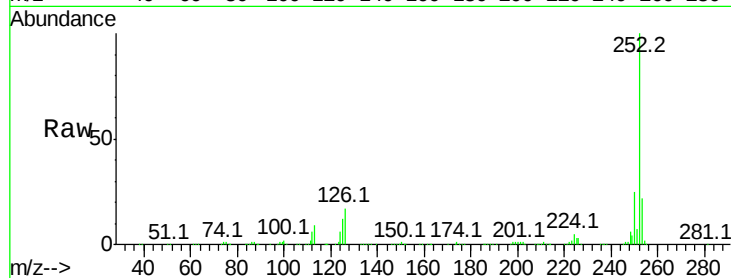
ClientSampleId :

SSTDCCC040

Tot Ion:	252	Resp:	651094
Ion Ratio	Lower	Upper	
252	100		
253	22.5	17.6	26.4
125	12.4	10.3	15.5

Manual Integrations
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#88

Benzo(k)fluoranthene

Concen: 43.25 ng m

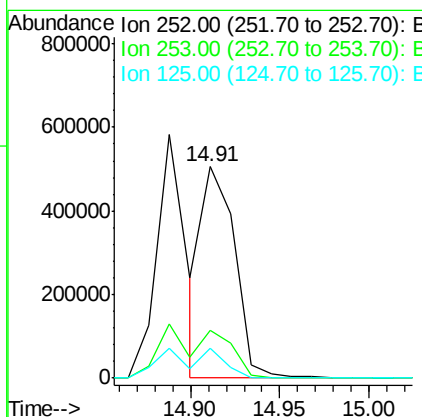
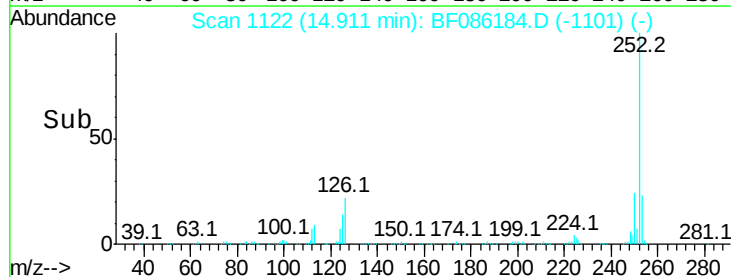
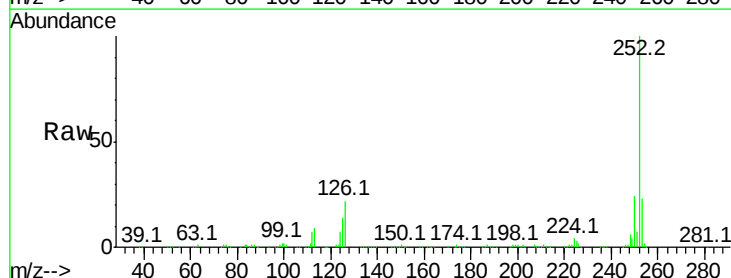
RT: 14.91 min Scan# 1122

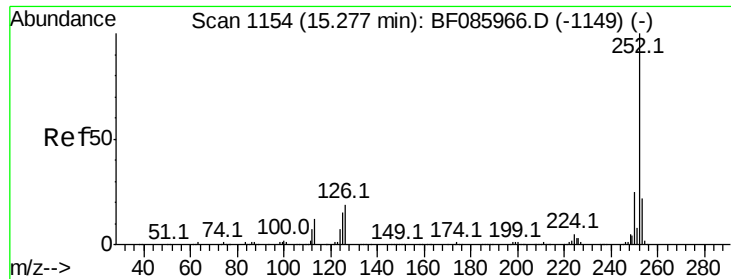
Delta R.T. -0.06 min

Lab File: BF086184.D

Acq: 8 Apr 2016 22:45

Tgt Ion:	252	Resp:	651659
Ion Ratio	Lower	Upper	
252	100		
253	22.7	17.8	26.6
125	14.4	7.7	11.5#





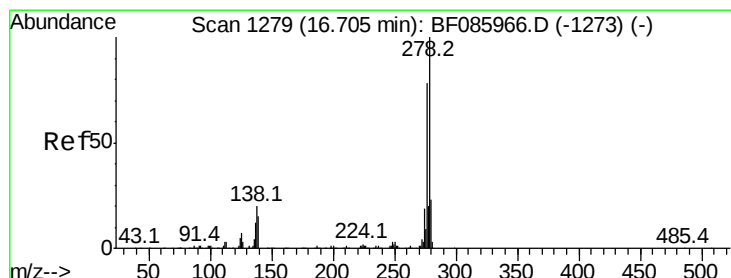
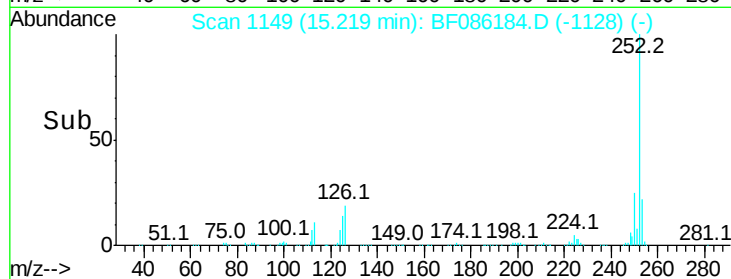
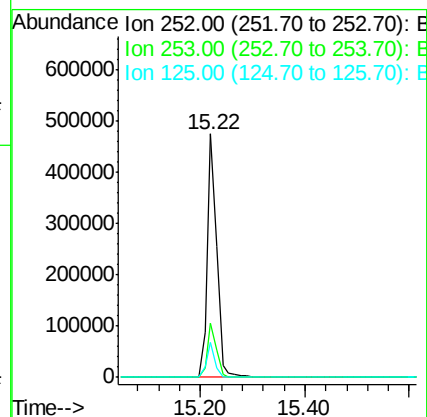
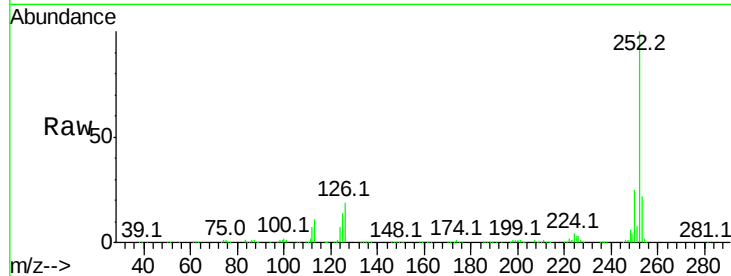
#89
Benzo(a)pyrene
Concen: 39.27 ng
RT: 15.22 min Scan# 1149
Delta R.T. -0.06 min
Lab File: BF086184.D
Acq: 8 Apr 2016 22:45

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.4	26.0
125	14.1	10.3	15.5

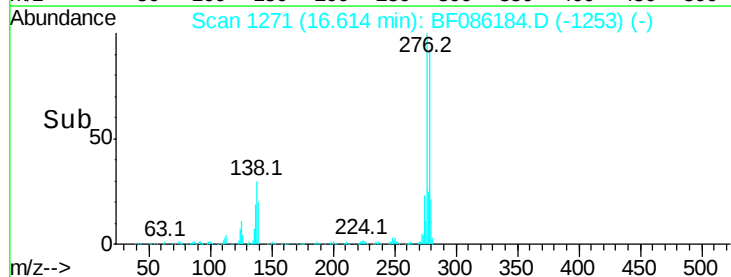
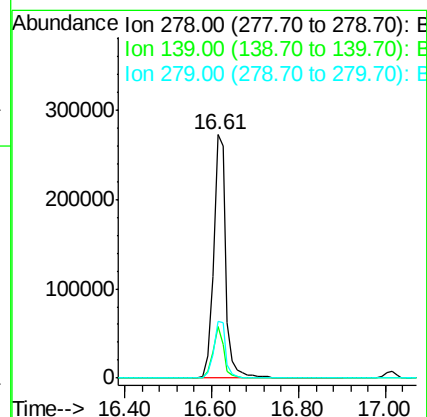
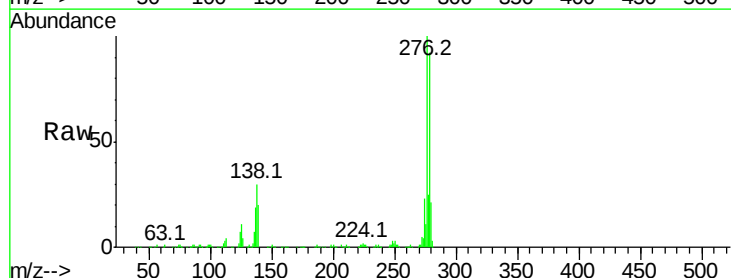
Manual Integrations
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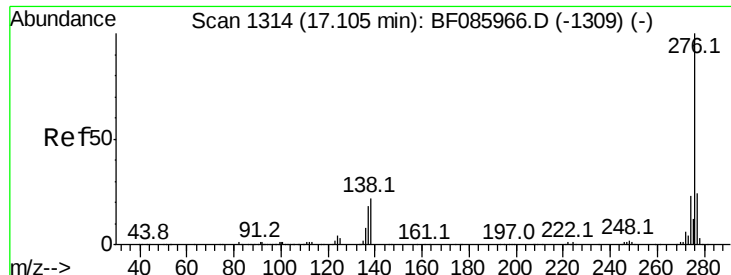
Sohil
4/11/2016 5:45:19 PM



#90
Dibenzo(a,h)anthracene
Concen: 44.59 ng
RT: 16.61 min Scan# 1271
Delta R.T. -0.09 min
Lab File: BF086184.D
Acq: 8 Apr 2016 22:45

Tgt Ion	Ratio	Lower	Upper
278	100		
139	21.4	14.4	21.6
279	23.3	19.1	28.7





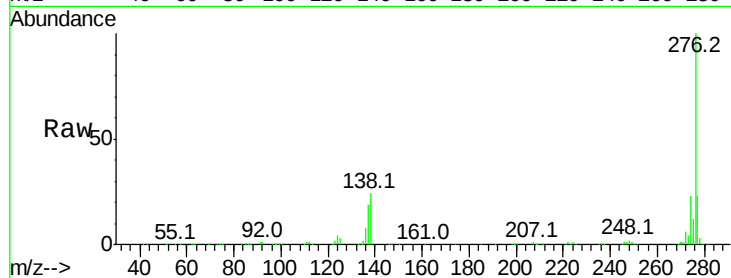
#91
 Benzo(a,h,i)perylene
 Concen: 45.70 ng
 RT: 17.01 min Scan# 1306
 Delta R.T. -0.09 min
 Lab File: BF086184.D
 Acq: 8 Apr 2016 22:45

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:	276	Resp:	536420
Ion Ratio	Lower	Upper	
276	100		
277	23.3	18.8	28.2
138	23.6	22.6	34.0

Manual Integrations
 APPROVED

Sohil
 4/11/2016 5:45:19 PM



Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 277.00 (276.70 to 277.70): E
 Ion 138.00 (137.70 to 138.70): E

