

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040216\
 Data File : BF085998.D
 Acq On : 2 Apr 2016 8:48
 Operator : UM/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Manual Integrations
 APPROVED

Sohil
 4/4/2016 7:44:32 PM

Quant Time: Apr 04 01:43:18 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040216.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 01 23:17:06 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.77	152	108393	20.00	ng	0.00
21) Naphthalene-d8	8.06	136	436744	20.00	ng	0.00
38) Acenaphthene-d10	9.81	164	210498	20.00	ng	0.00
63) Phenanthrene-d10	11.29	188	403175	20.00	ng	-0.01
75) Chrysene-d12	13.93	240	339016	20.00	ng	0.00
86) Perylene-d12	15.33	264	301285	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.37	112	509862	80.40	ng	0.00
7) Phenol-d6	6.42	99	662991	82.31	ng	0.00
23) Nitrobenzene-d5	7.34	82	575045	77.65	ng	0.00
41) 2,4,6-Tribromophenol	10.60	330	162808	82.40	ng	0.00
44) 2-Fluorobiphenyl	9.14	172	1056846	83.48	ng	0.00
78) Terphenyl-d14	12.88	244	1097702	76.11	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.29	88	119519	39.75	ng	99
3) Pyridine	3.01	79	292448	43.45	ng	99
4) n-Nitrosodimethylamine	2.96	42	119515	40.38	ng	99
6) Aniline	6.44	93	423816	40.10	ng	98
8) 2-Chlorophenol	6.56	128	297206	39.30	ng	95
9) Benzaldehyde	6.33	77	164844	38.03	ng	93
10) Phenol	6.43	94	390435	42.49	ng	82
11) bis(2-Chloroethyl)ether	6.51	93	264193	36.31	ng	97
12) 1,3-Dichlorobenzene	6.72	146	311379	38.85	ng	98
13) 1,4-Dichlorobenzene	6.78	146	314681	38.11	ng	98
14) 1,2-Dichlorobenzene	6.94	146	301323	39.65	ng	99
15) Benzyl Alcohol	6.92	79	201330	38.63	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.06	45	350920	39.48	ng	92
17) 2-Methylphenol	7.04	107	227197	38.10	ng	97
18) Hexachloroethane	7.28	117	117714	38.76	ng	# 77
19) n-Nitroso-di-n-propylamine	7.20	70	188802	37.82	ng	97
20) 3+4-Methylphenols	7.20	107	282599	38.97	ng	95
22) Acetophenone	7.20	105	405368	39.48	ng	# 94
24) Nitrobenzene	7.37	77	316484	39.06	ng	# 85
25) Isophorone	7.61	82	571671	39.10	ng	# 93
26) 2-Nitrophenol	7.68	139	153540	39.61	ng	# 79
27) 2,4-Dimethylphenol	7.72	122	258167	37.08	ng	99
28) bis(2-Chloroethoxy)methane	7.81	93	319609	37.26	ng	98
29) 2,4-Dichlorophenol	7.93	162	227860	38.71	ng	96
30) 1,2,4-Trichlorobenzene	8.01	180	255590	38.68	ng	93
31) Naphthalene	8.08	128	813446	37.03	ng	99
32) Benzoic acid	7.87	122	196677	38.50	ng	99
33) 4-Chloroaniline	8.13	127	337329	38.01	ng	# 91
34) Hexachlorobutadiene	8.20	225	138927	39.11	ng	100
35) Caprolactam	8.52	113	84307	45.15	ng	# 67
36) 4-Chloro-3-methylphenol	8.62	107	264848	40.03	ng	97
37) 2-Methylnaphthalene	8.77	142	538814	37.55	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.94	216	235418	37.21	ng	100
40) Hexachlorocyclopentadiene	8.92	237	71364	40.35	ng	99

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040216\
 Data File : BF085998.D
 Acq On : 2 Apr 2016 8:48
 Operator : UM/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Manual Integrations
 APPROVED

Sohil
 4/4/2016 7:44:32 PM

Quant Time: Apr 04 01:43:18 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040216.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 01 23:17:06 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.06	196	158834	39.10	nq	99
43) 2,4,5-Trichlorophenol	9.10	196	159548	38.68	nq	98
45) 1,1'-Biphenyl	9.24	154	683028	37.63	nq	93
46) 2-Chloronaphthalene	9.26	162	519600	39.49	nq	99
47) 2-Nitroaniline	9.37	65	152910	39.72	nq #	69
48) Acenaphthylene	9.68	152	859318	40.77	nq	99
49) Dimethylphthalate	9.54	163	588298	37.71	nq	100
50) 2,6-Dinitrotoluene	9.61	165	141288	42.80	nq #	82
51) Acenaphthene	9.85	154	502692	40.10	nq	99
52) 3-Nitroaniline	9.78	138	167850	42.19	nq	89
53) 2,4-Dinitrophenol	9.89	184	62316	38.60	nq #	72
54) Dibenzofuran	10.02	168	666293	40.25	nq	99
55) 4-Nitrophenol	9.95	139	90351	38.52	nq	91
56) 2,4-Dinitrotoluene	10.01	165	158893	38.09	nq #	39
57) Fluorene	10.36	166	575193	40.68	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.14	232	121425	39.54	nq	96
59) Diethylphthalate	10.24	149	613563	38.96	nq	98
60) 4-Chlorophenyl-phenylether	10.35	204	267530	40.62	nq	95
61) 4-Nitroaniline	10.40	138	166288	42.44	nq	92
62) Azobenzene	10.51	77	616408	40.87	nq	99
64) 4,6-Dinitro-2-methylphenol	10.42	198	97612	39.95	nq	98
65) n-Nitrosodiphenylamine	10.48	169	510537	40.49	nq	99
66) 4-Bromophenyl-phenylether	10.84	248	167769	40.76	nq	94
67) Hexachlorobenzene	10.91	284	177057	41.60	nq	98
68) Atrazine	11.00	200	156165	38.33	nq	98
69) Pentachlorophenol	11.10	266	80822	40.51	nq	99
70) Phenanthrene	11.32	178	870600	39.58	nq	99
71) Anthracene	11.37	178	817610	35.49	nq	100
72) Carbazole	11.53	167	744653	37.60	nq	100
73) Di-n-butylphthalate	11.86	149	1019656	41.55	nq	100
74) Fluoranthene	12.50	202	854948	37.37	nq	99
76) Benzidine	12.62	184	438339	36.65	nq	99
77) Pyrene	12.73	202	858825	35.95	nq	100
79) Butylbenzylphthalate	13.35	149	426975	39.69	nq #	70
80) Benzo(a)anthracene	13.92	228	749895	37.53	nq	99
81) 3,3'-Dichlorobenzidine	13.88	252	576258	39.48	nq	98
82) Chrysene	13.96	228	786473	40.86	nq	100
83) Bis(2-ethylhexyl)phthalate	13.91	149	567630	39.76	nq	99
84) Di-n-octyl phthalate	14.52	149	998870	43.81	nq	98
85) Indeno(1,2,3-cd)pyrene	16.69	276	612905	39.24	nq	99
87) Benzo(b)fluoranthene	14.93	252	889111m	46.91	nq	
88) Benzo(k)fluoranthene	14.97	252	510344m	30.41	nq	
89) Benzo(a)pyrene	15.28	252	638668	38.03	nq	100
90) Dibenzo(a,h)anthracene	16.69	278	519160	38.43	nq	97
91) Benzo(g,h,i)perylene	17.09	276	486780	37.23	nq	98

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

```

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040216\
Data File : BF085998.D
Acq On    : 2 Apr 2016    8:48
Operator  : UM/SJ
Sample    : SSTCCCC040
Misc      :
ALS Vial  : 2    Sample Multiplier: 1

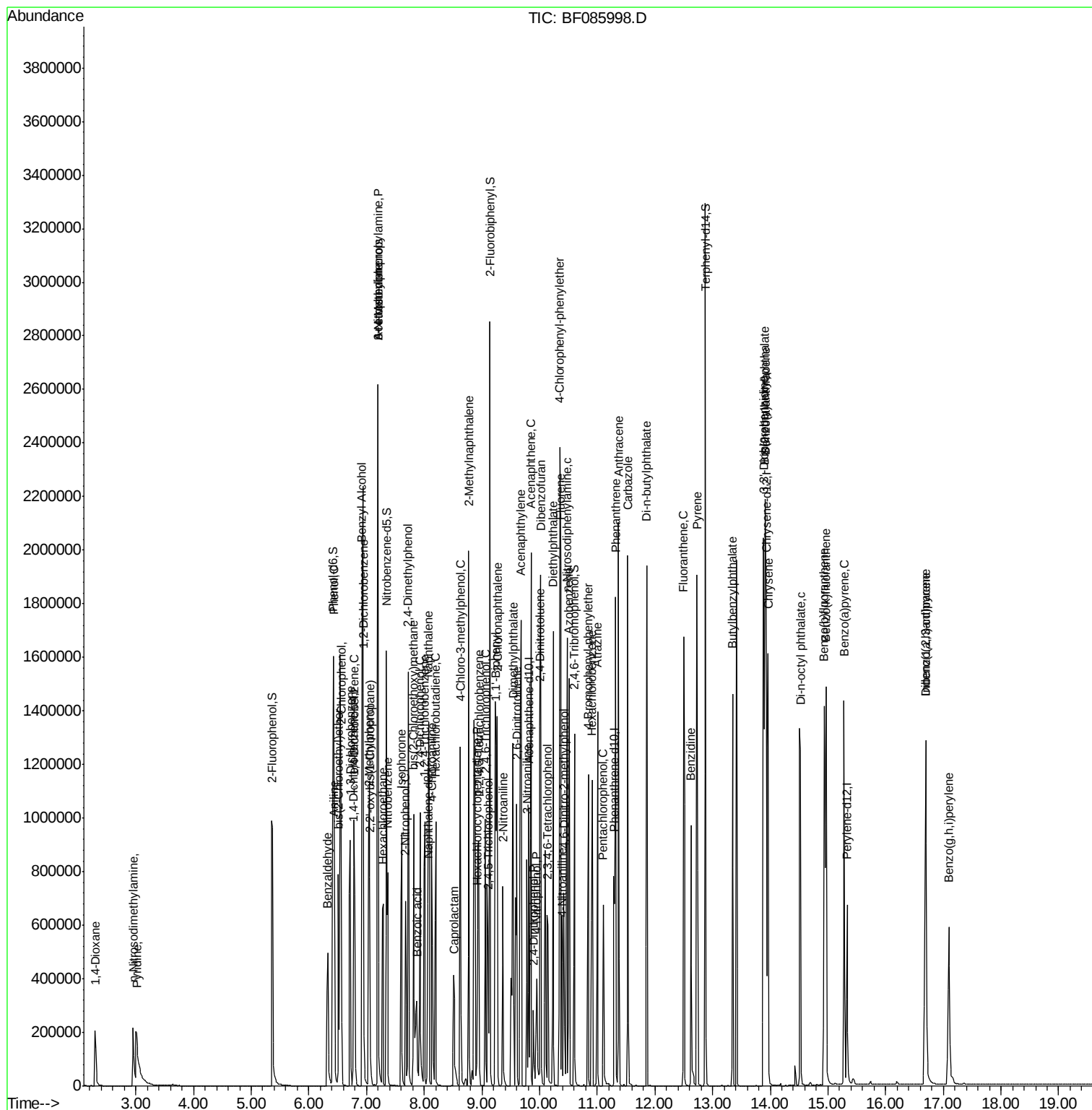
```

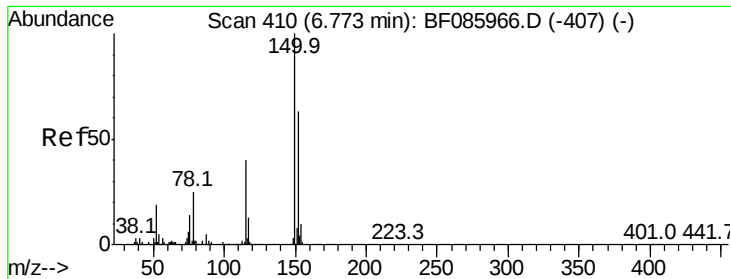
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED

Sohil
4/4/2016 7:44:32 PM

Quant Time: Apr 04 01:43:18 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040216.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 01 23:17:06 2016
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.77 min Scan# 410

Delta R.T. 0.00 min

Lab File: BF085998.D

Acq: 2 Apr 2016 8:48

Instrument :

BNA_F

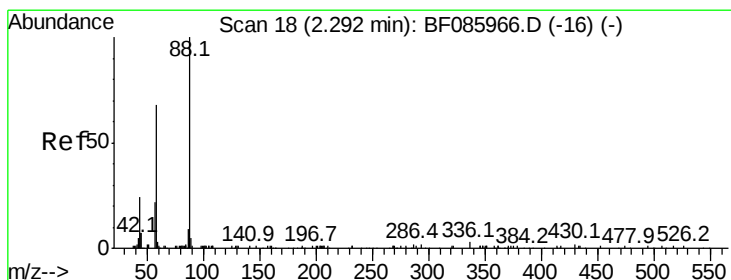
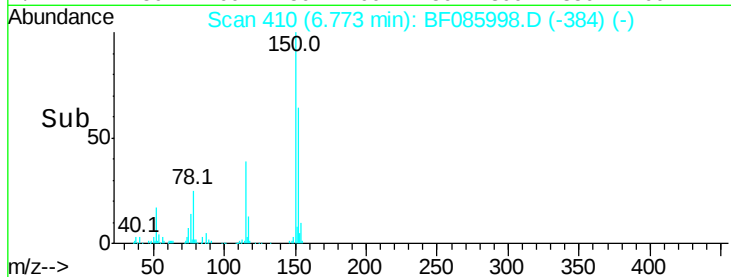
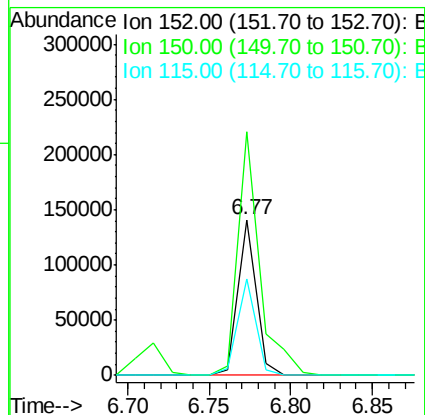
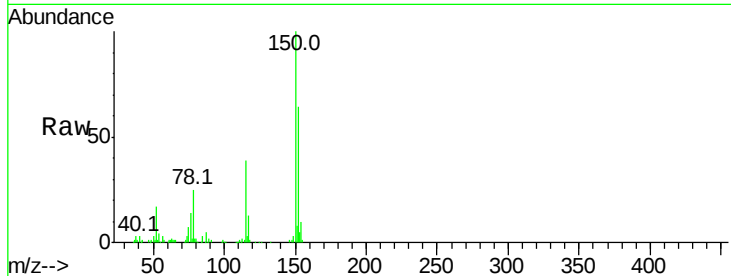
ClientSampleId :

SSTDCCC040

Tot Ion:	152	Resp:	108393
Ion Ratio	Lower	Upper	
152	100		
150	156.8	124.2	186.2
115	61.9	47.0	70.6

Manual Integrations
APPROVED

Sohil
4/4/2016 7:44:32 PM



#2

1,4-Dioxane

Concen: 39.75 ng

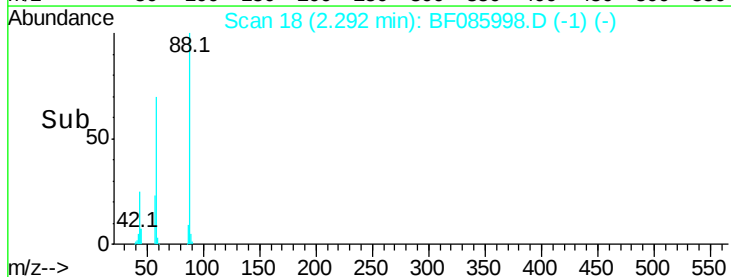
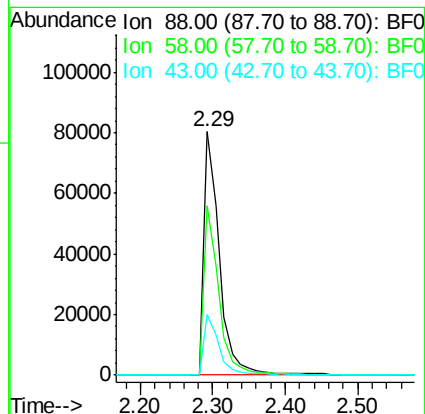
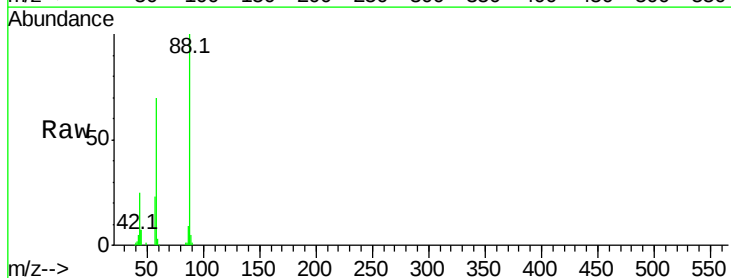
RT: 2.29 min Scan# 18

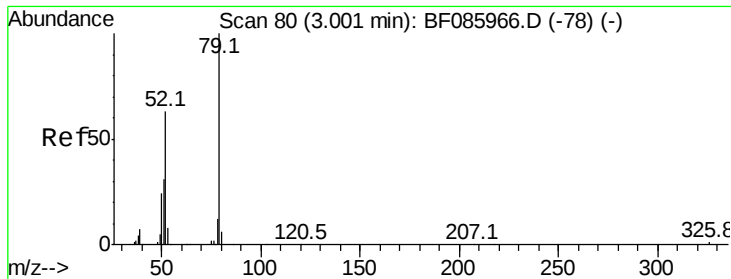
Delta R.T. 0.00 min

Lab File: BF085998.D

Acq: 2 Apr 2016 8:48

Tgt Ion:	88	Resp:	119519
Ion Ratio	Lower	Upper	
88	100		
58	66.6	54.2	81.2
43	24.4	19.3	28.9





#3

Pvrindine

Concen: 43.45 ng

RT: 3.01 min Scan# 81

Delta R.T. 0.01 min

Lab File: BF085998.D

Acq: 2 Apr 2016 8:48

Instrument :

BNA_F

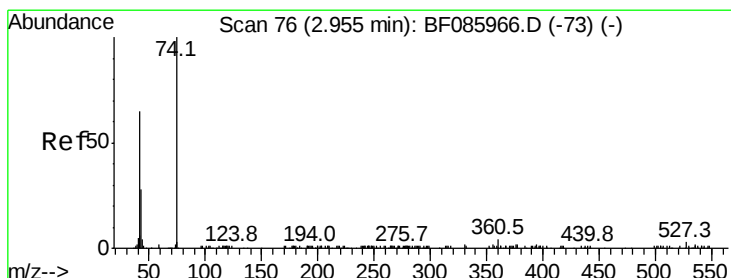
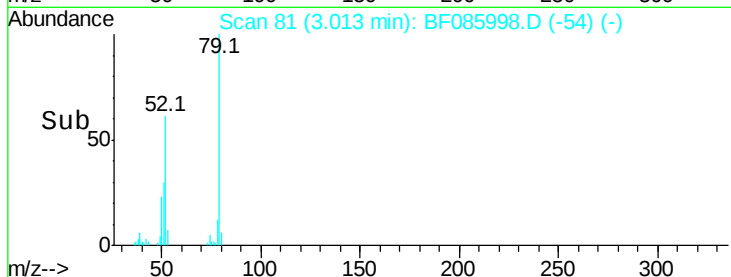
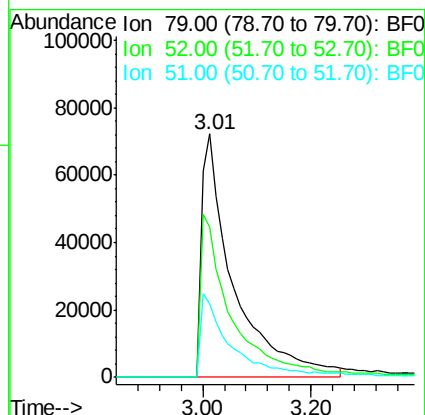
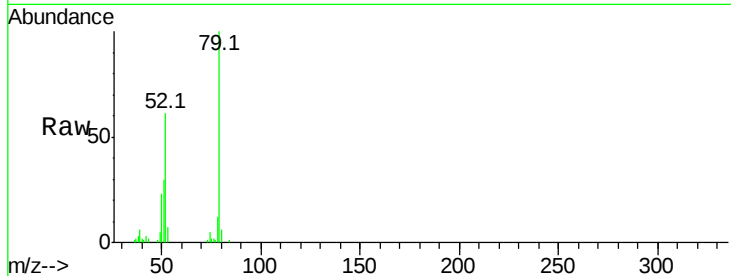
ClientSampleId :

SSTDCCC040

Tot Ion	Ion	Ratio	Resp	Lower	Upper
79	100		292448		
52	61.5	49.8	74.6		
51	30.1	24.7	37.1		

Manual Integrations
APPROVED

Sohil
4/4/2016 7:44:32 PM



#4

n-Nitrosodimethylamine

Concen: 40.38 ng

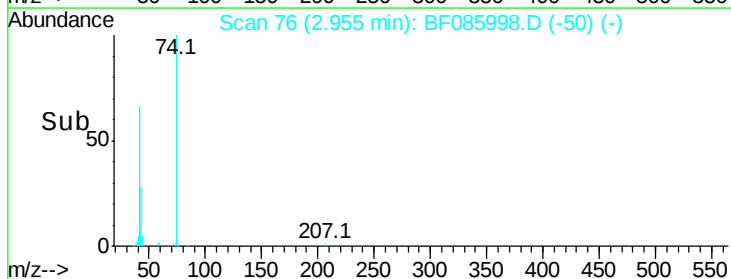
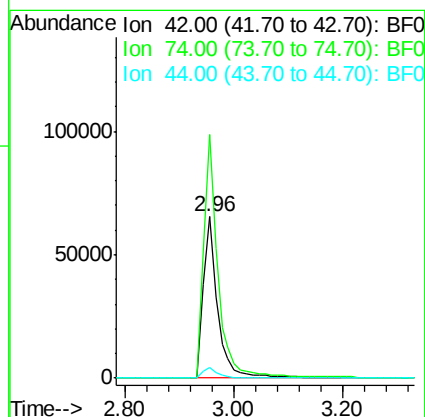
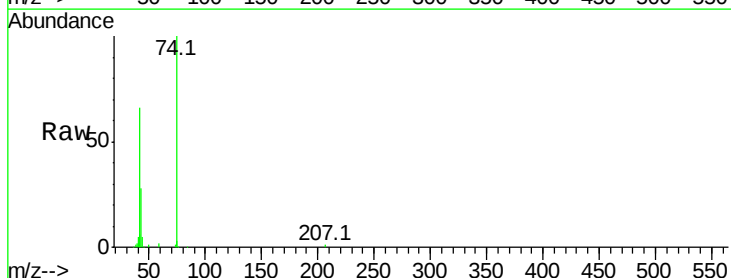
RT: 2.96 min Scan# 76

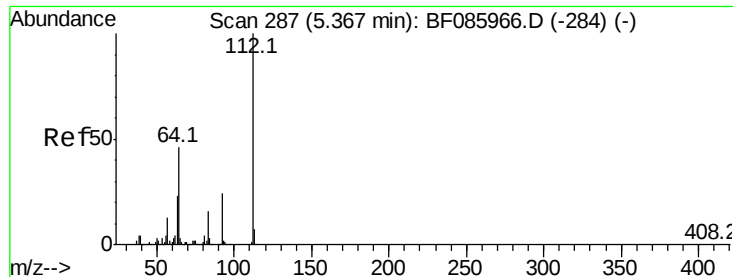
Delta R.T. 0.00 min

Lab File: BF085998.D

Acq: 2 Apr 2016 8:48

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
42	100		119515		
74	150.8	121.4	182.2		
44	6.8	5.6	8.4		





#5

2-Fluorophenol

Concen: 80.40 ng

RT: 5.37 min Scan# 287

Delta R.T. 0.00 min

Lab File: BF085998.D

Acq: 2 Apr 2016 8:48

Instrument :

BNA_F

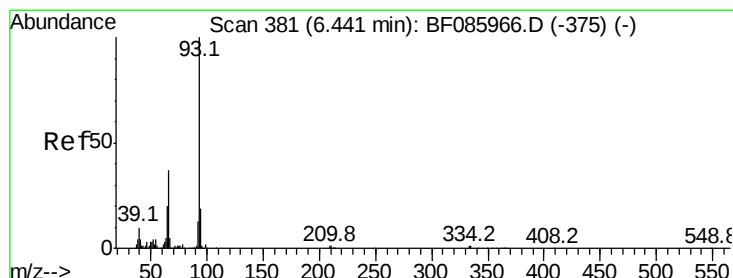
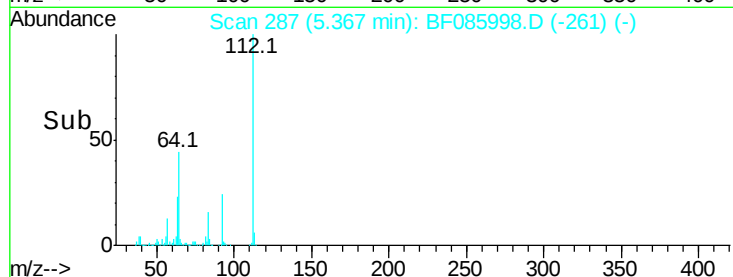
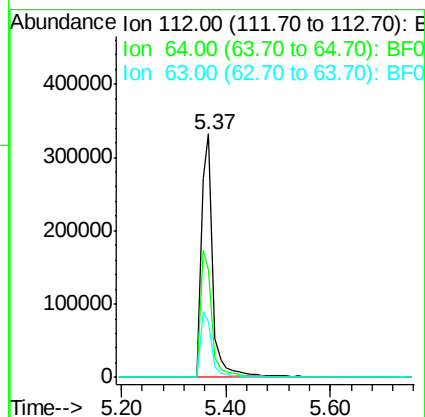
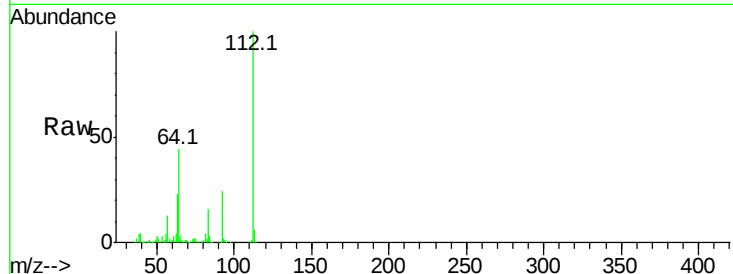
ClientSampleId :

SSTDCCC040

Tot Ion:	112	Resp:	509862
Ion Ratio	Lower	Upper	
112	100		
64	44.5	39.9	59.9
63	22.7	20.2	30.2

Manual Integrations
APPROVED

Sohil
4/4/2016 7:44:32 PM



#6

Aniline

Concen: 40.10 ng

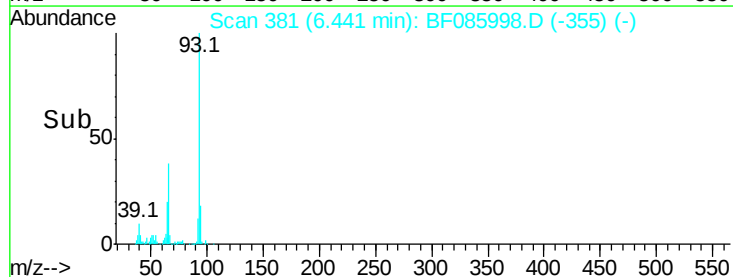
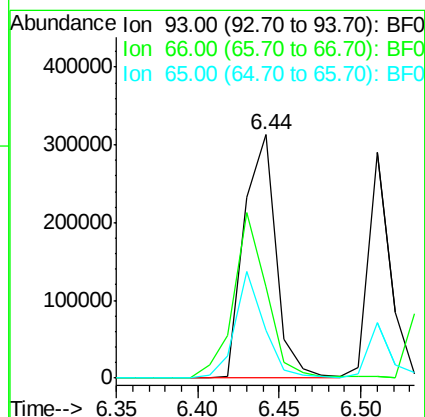
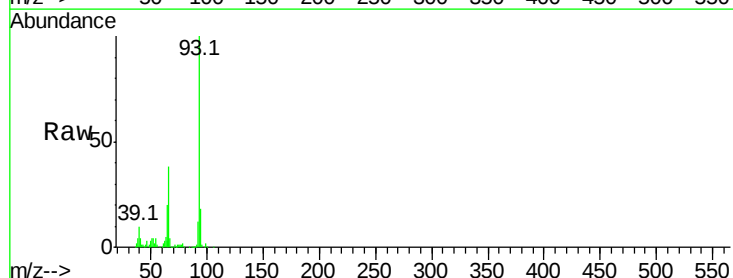
RT: 6.44 min Scan# 381

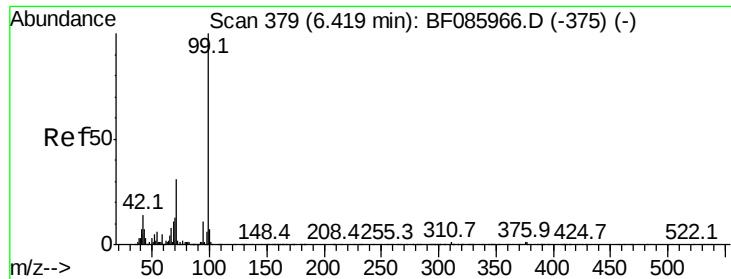
Delta R.T. 0.00 min

Lab File: BF085998.D

Acq: 2 Apr 2016 8:48

Tgt Ion:	93	Resp:	423816
Ion Ratio	Lower	Upper	
93	100		
66	37.5	31.4	47.2
65	19.6	15.7	23.5





#7

Phenol-d6

Concen: 82.31 ng

RT: 6.42 min Scan# 379

Delta R.T. 0.00 min

Lab File: BF085998.D

Acq: 2 Apr 2016 8:48

Instrument :

BNA_F

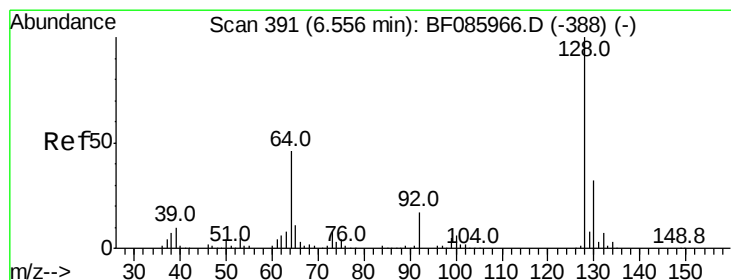
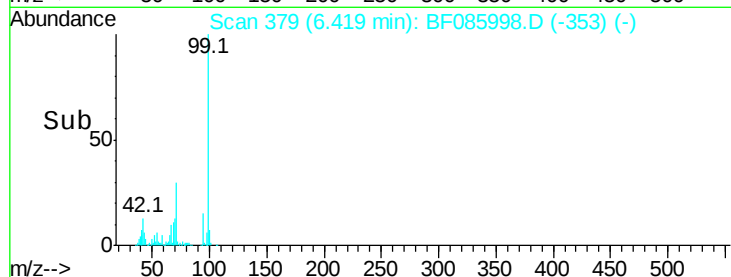
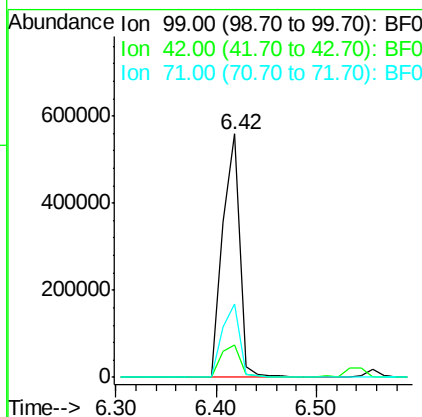
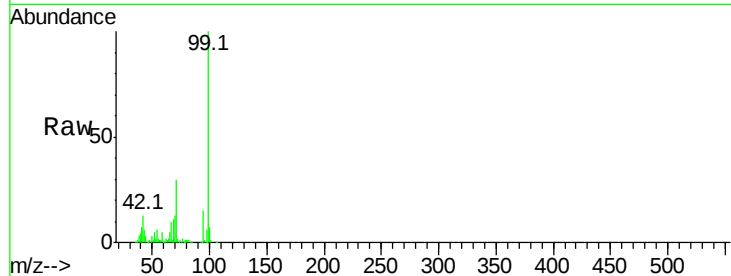
ClientSampleId :

SSTDCCC040

Tot Ion:	99	Resp:	662991
Ion Ratio	Lower	Upper	
99	100		
42	13.3	11.1	16.7
71	30.3	24.9	37.3

Manual Integrations
APPROVED

Sohil
4/4/2016 7:44:32 PM



#8

2-Chlorophenol

Concen: 39.30 ng

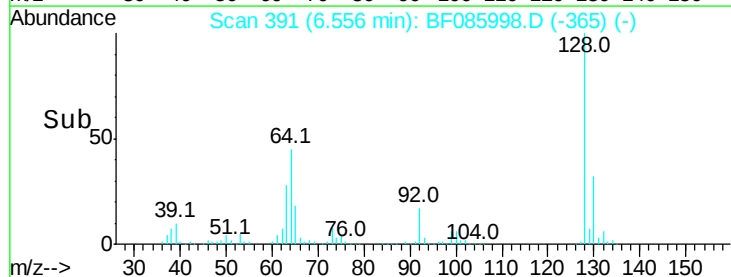
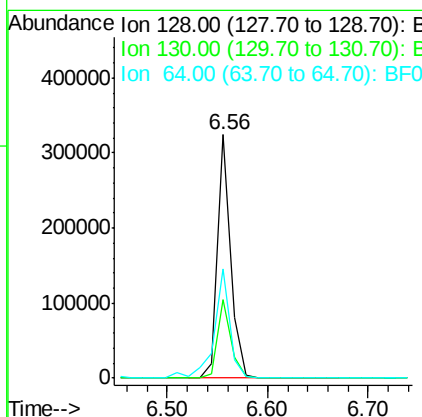
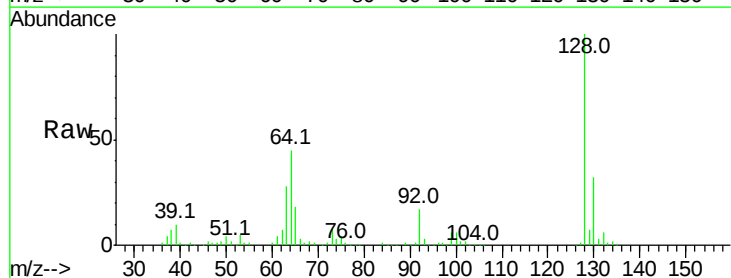
RT: 6.56 min Scan# 391

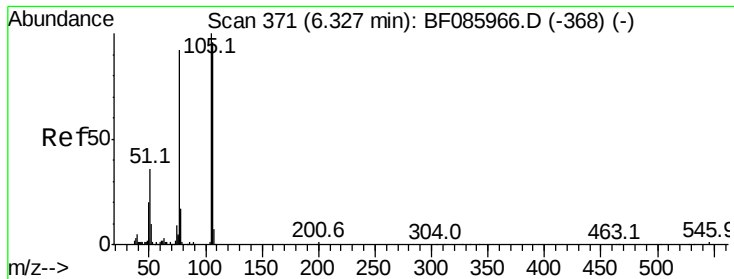
Delta R.T. 0.00 min

Lab File: BF085998.D

Acq: 2 Apr 2016 8:48

Tgt Ion:	128	Resp:	297206
Ion Ratio	Lower	Upper	
128	100		
130	32.3	12.9	52.9
64	44.8	20.2	60.2





#9

Benzaldehyde

Concen: 38.03 ng

RT: 6.33 min Scan# 371

Delta R.T. 0.00 min

Lab File: BF085998.D

Acq: 2 Apr 2016 8:48

Instrument :

BNA_F

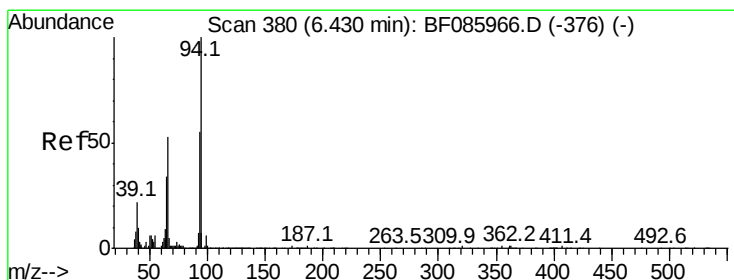
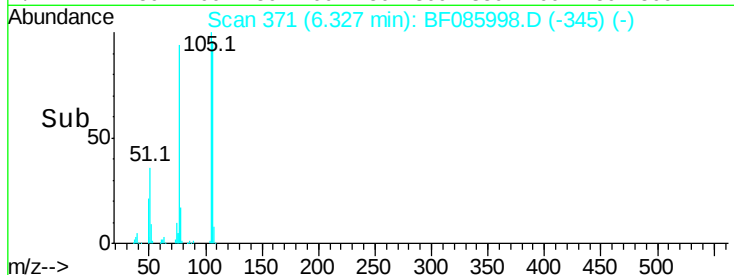
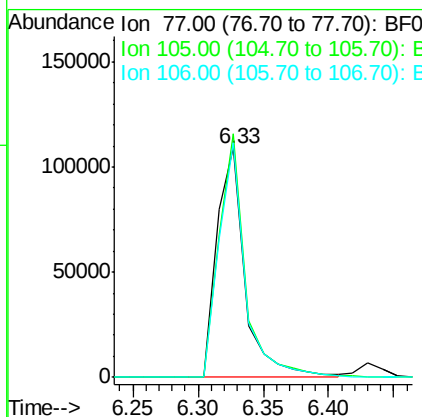
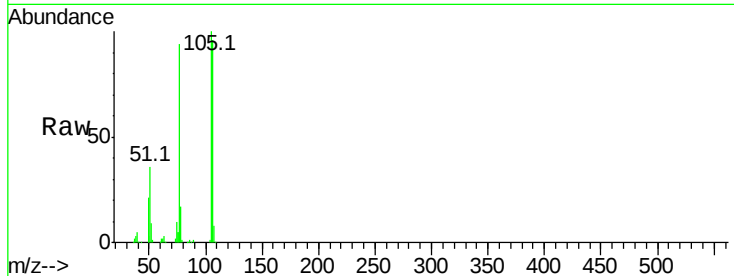
ClientSampleId :

SSTDCCC040

Tot Ion:	77	Resp:	164844
Ion	Ratio	Lower	Upper
77	100		
105	106.2	80.1	120.1
106	102.3	75.0	115.0

Manual Integrations
APPROVED

Sohil
4/4/2016 7:44:32 PM



#10

Phenol

Concen: 42.49 ng

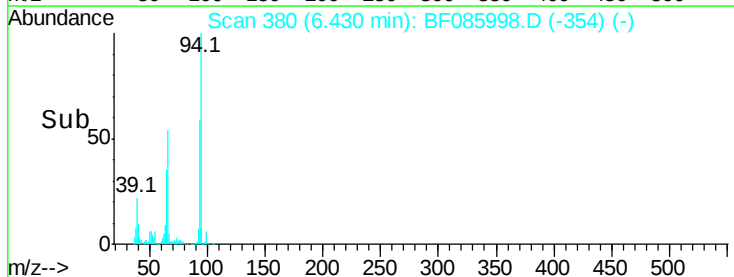
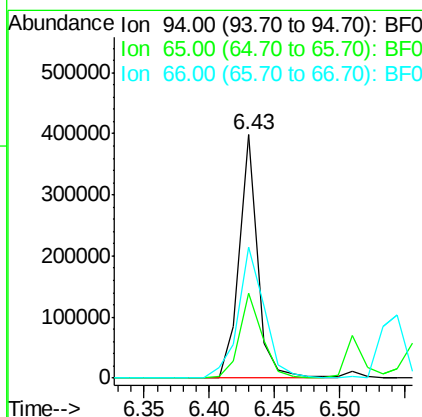
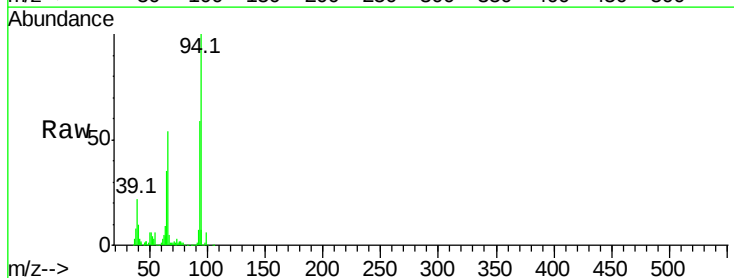
RT: 6.43 min Scan# 380

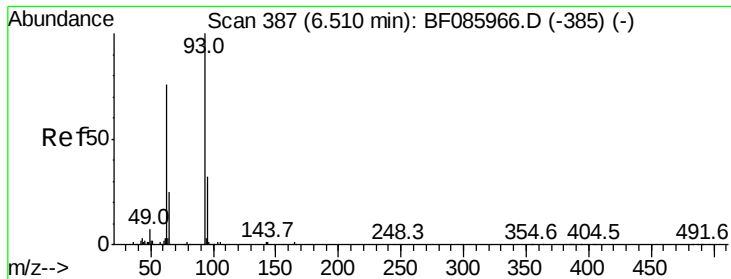
Delta R.T. 0.00 min

Lab File: BF085998.D

Acq: 2 Apr 2016 8:48

Tgt Ion:	94	Resp:	390435
Ion	Ratio	Lower	Upper
94	100		
65	34.6	8.6	48.6
66	53.6	20.0	60.0





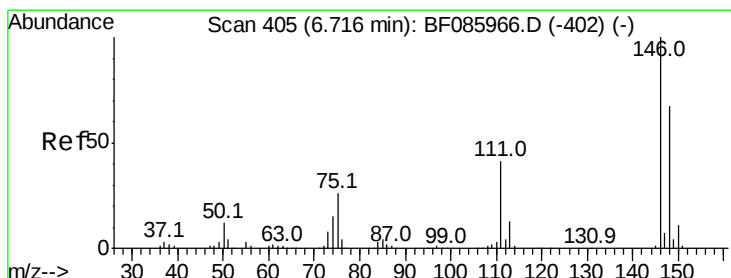
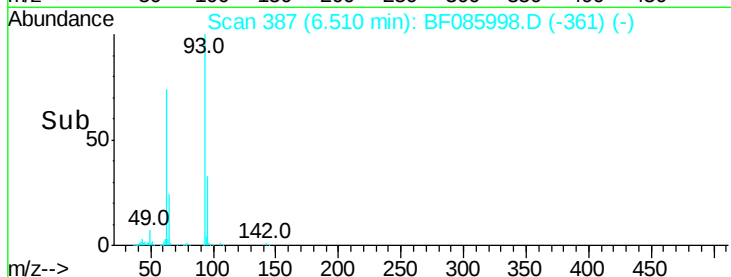
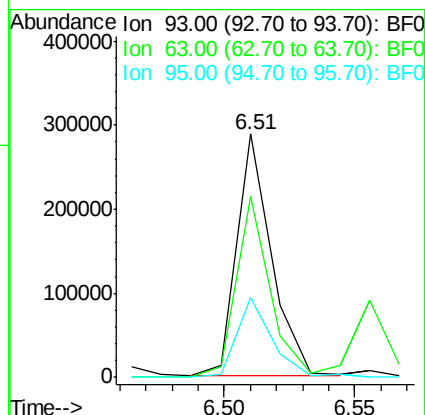
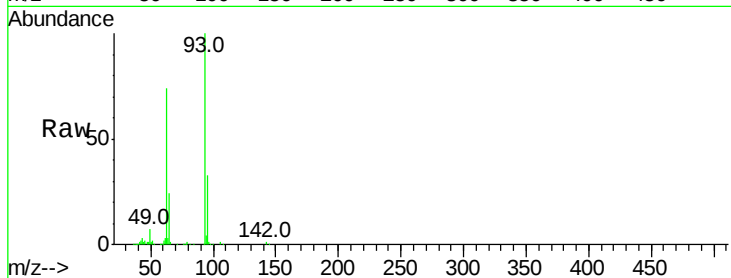
#11
bis(2-Chloroethyl)ether
Concen: 36.31 ng
RT: 6.51 min Scan# 387
Delta R.T. 0.00 min
Lab File: BF085998.D
Acq: 2 Apr 2016 8:48

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
93	100	264193		
63	74.4	50.9	90.9	
95	32.7	13.3	53.3	

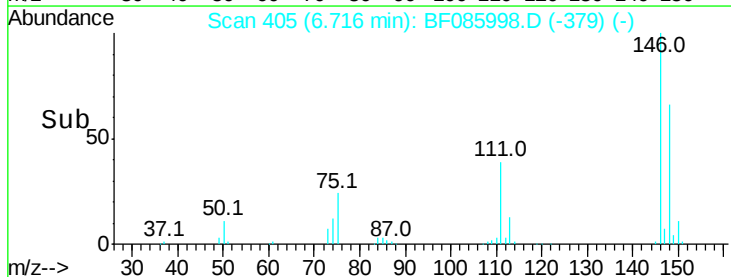
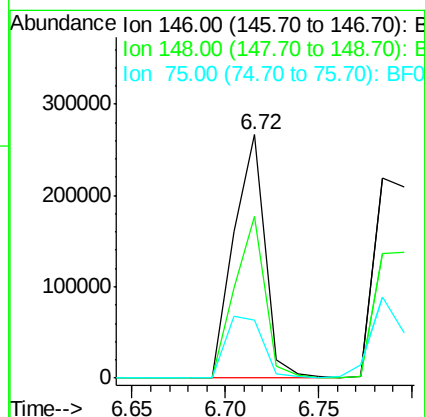
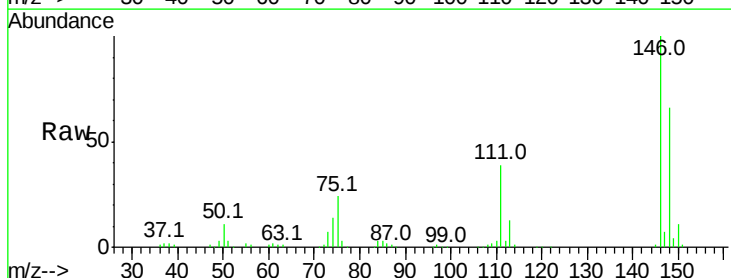
Manual Integrations
APPROVED

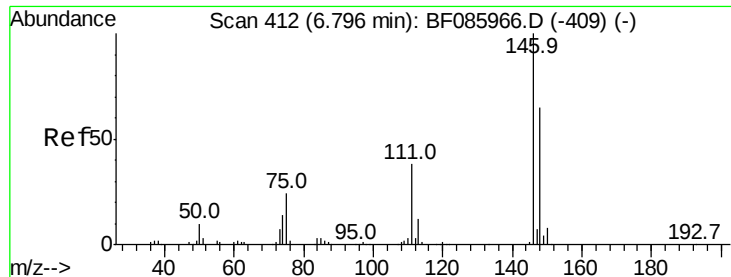
Sohil
4/4/2016 7:44:32 PM



#12
1,3-Dichlorobenzene
Concen: 38.85 ng
RT: 6.72 min Scan# 405
Delta R.T. 0.00 min
Lab File: BF085998.D
Acq: 2 Apr 2016 8:48

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	311379		
148	66.2	52.3	78.5	
75	24.0	17.4	26.2	





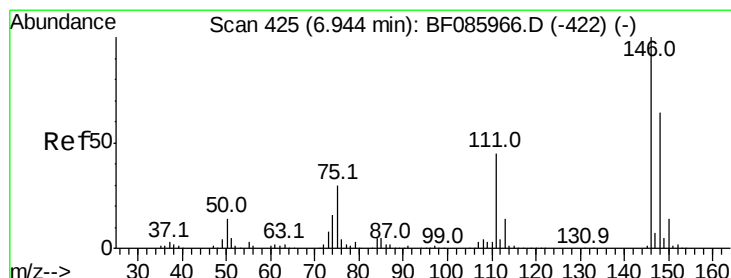
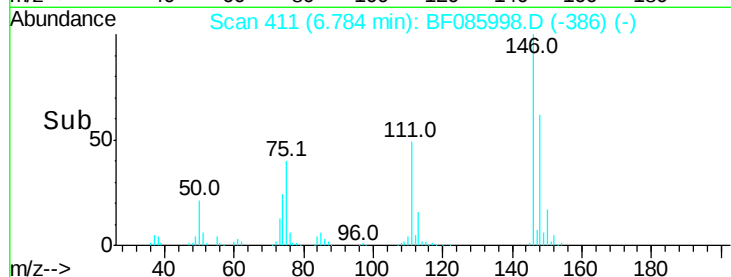
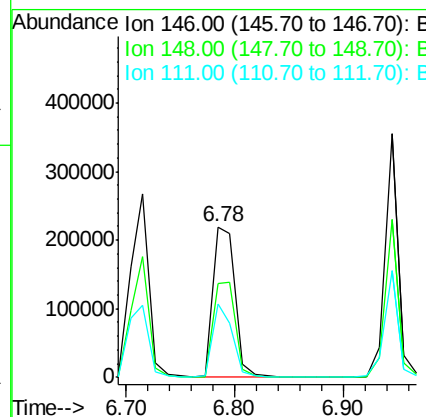
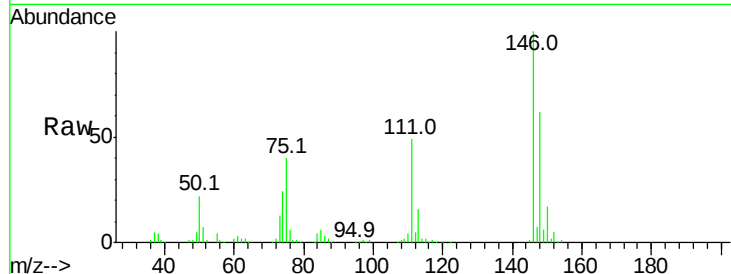
#13
 1,4-Dichlorobenzene
 Concen: 38.11 ng
 RT: 6.78 min Scan# 411
 Delta R.T. -0.01 min
 Lab File: BF085998.D
 Acq: 2 Apr 2016 8:48

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
146	100		
148	62.3	50.6	76.0
111	48.8	37.8	56.6

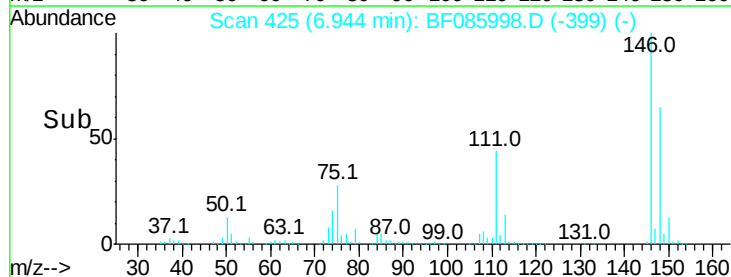
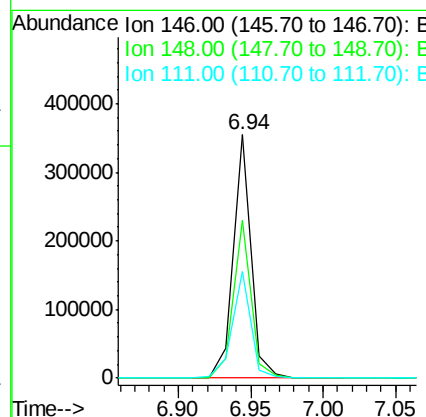
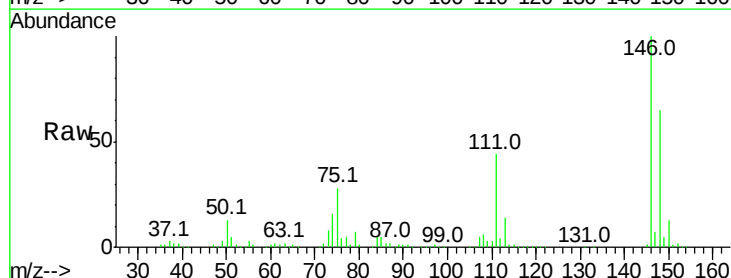
Manual Integrations
 APPROVED

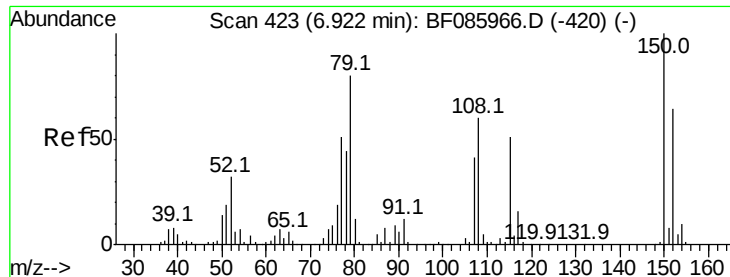
Sohil
 4/4/2016 7:44:32 PM



#14
 1,2-Dichlorobenzene
 Concen: 39.65 ng
 RT: 6.94 min Scan# 425
 Delta R.T. 0.00 min
 Lab File: BF085998.D
 Acq: 2 Apr 2016 8:48

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.0	51.4	77.2
111	43.7	34.6	52.0





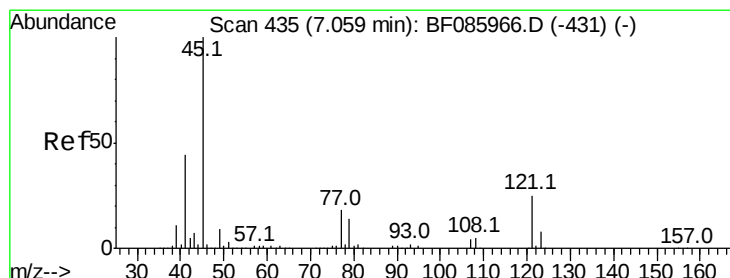
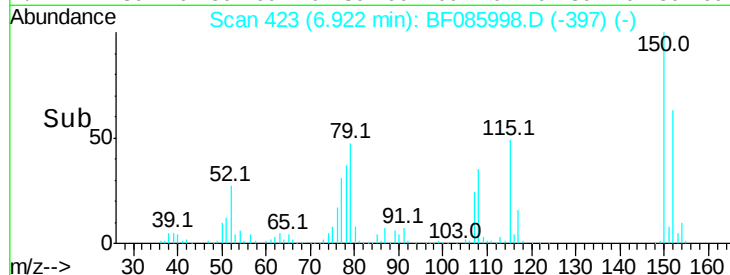
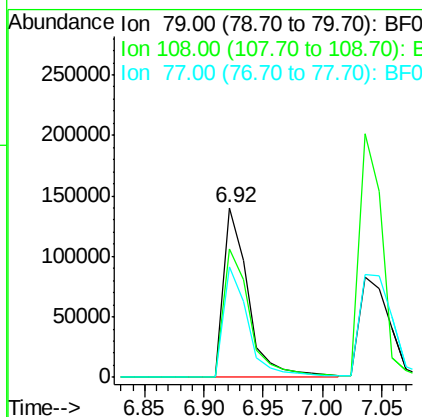
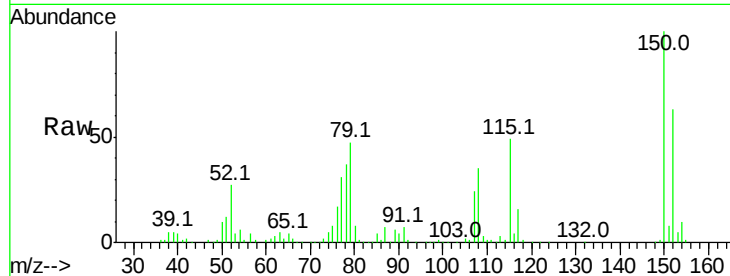
#15
Benzyl Alcohol
Concen: 38.63 ng
RT: 6.92 min Scan# 423
Delta R.T. 0.00 min
Lab File: BF085998.D
Acq: 2 Apr 2016 8:48

Instrument :
BNA_F
ClientSampled :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
79	100		
108	75.4	61.8	92.6
77	65.3	49.6	74.4

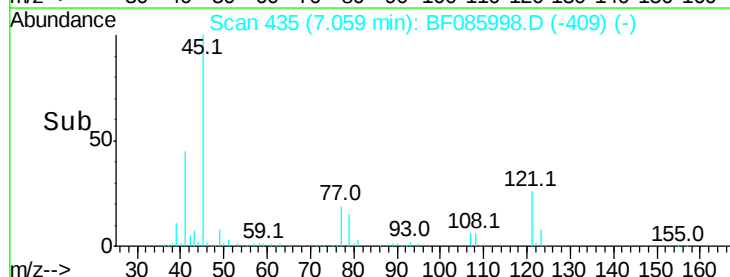
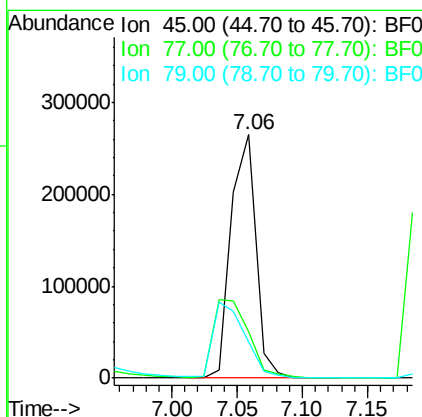
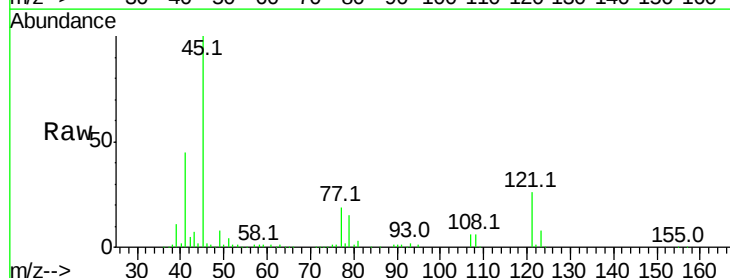
Manual Integrations
APPROVED

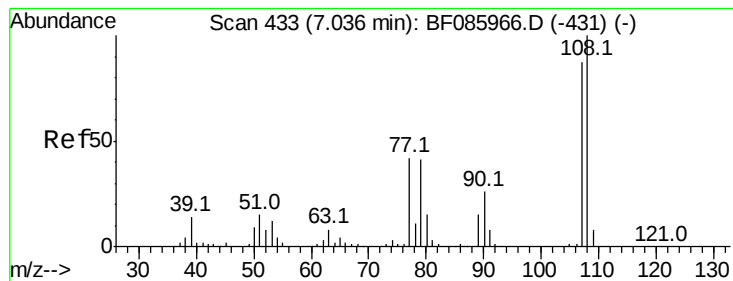
Sohil
4/4/2016 7:44:32 PM



#16
2,2'-oxybis(1-chloropropane)
Concen: 39.48 ng
RT: 7.06 min Scan# 435
Delta R.T. 0.00 min
Lab File: BF085998.D
Acq: 2 Apr 2016 8:48

Tgt Ion	Ratio	Lower	Upper
45	100		
77	19.0	0.0	35.7
79	15.1	0.0	32.2





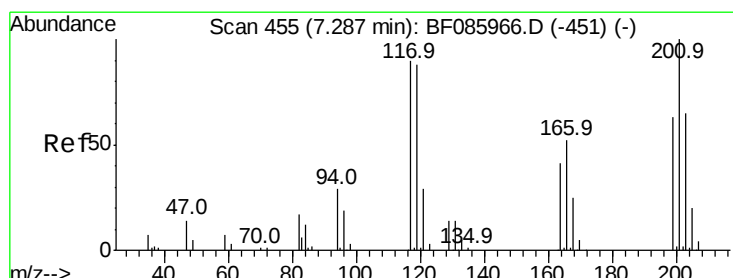
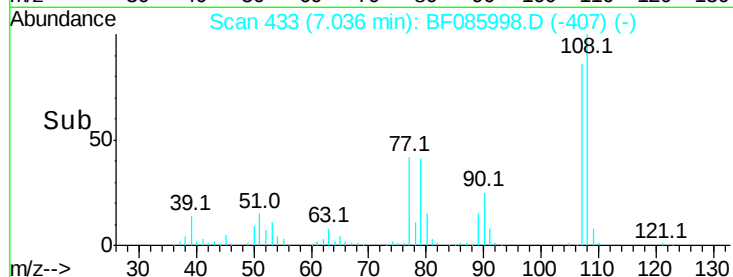
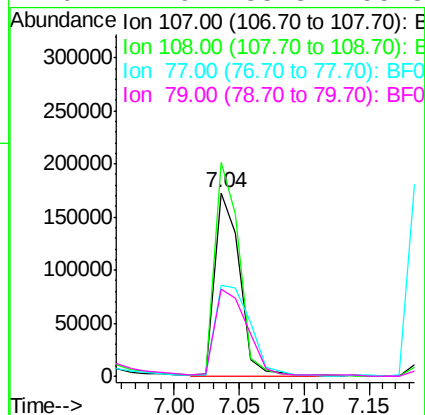
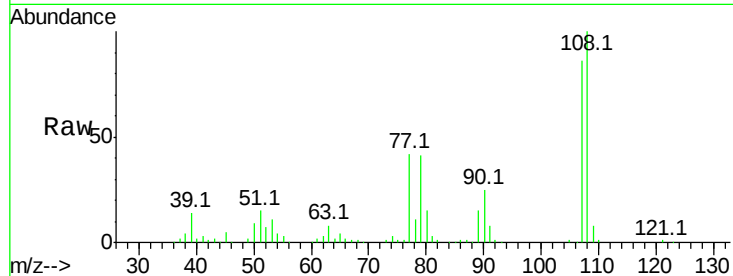
#17
2-Methylphenol
Concen: 38.10 ng
RT: 7.04 min Scan# 433
Delta R.T. 0.00 min
Lab File: BF085998.D
Acq: 2 Apr 2016 8:48

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
107	100	227197		
108	116.4	91.4	137.0	
77	49.3	36.2	54.2	
79	47.6	35.8	53.8	

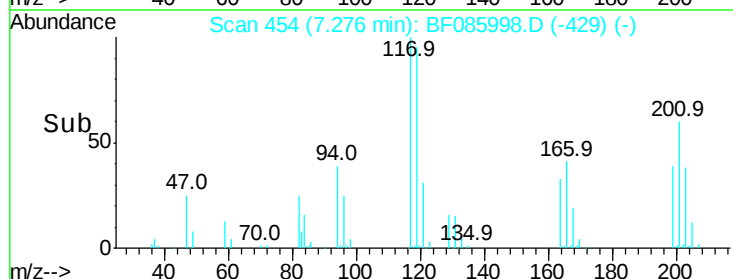
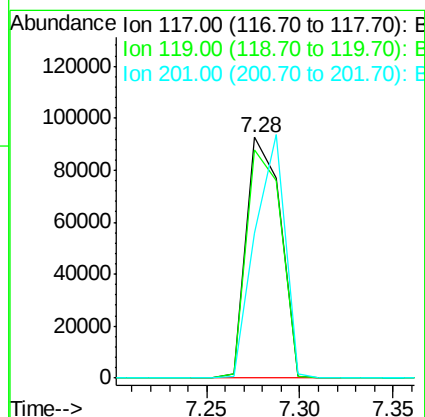
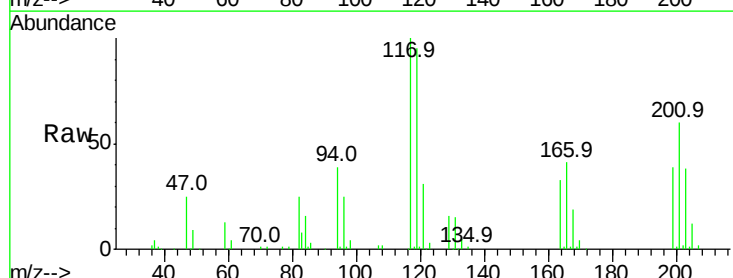
Manual Integrations
APPROVED

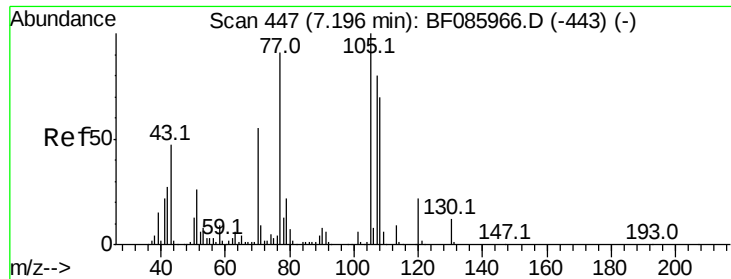
Sohil
4/4/2016 7:44:32 PM



#18
Hexachloroethane
Concen: 38.76 ng
RT: 7.28 min Scan# 454
Delta R.T. -0.01 min
Lab File: BF085998.D
Acq: 2 Apr 2016 8:48

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	117714		
119	95.0	76.7	115.1	
201	60.5	83.3	124.9#	





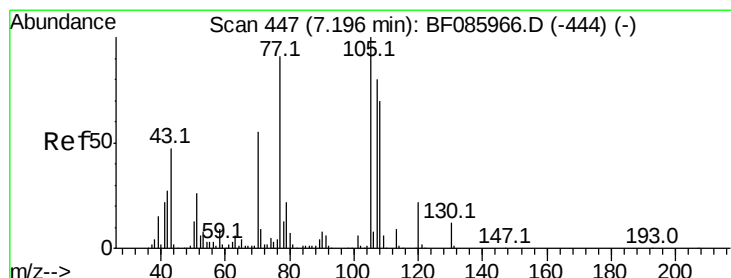
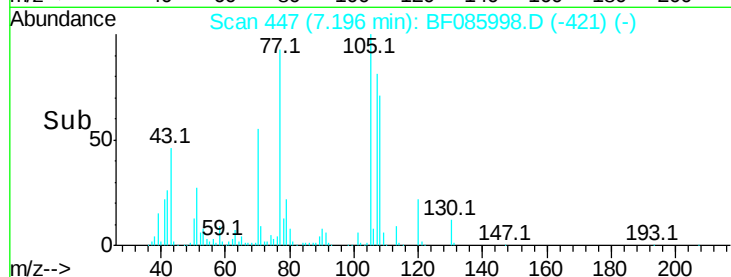
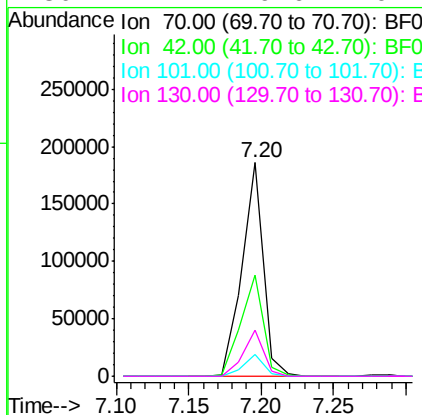
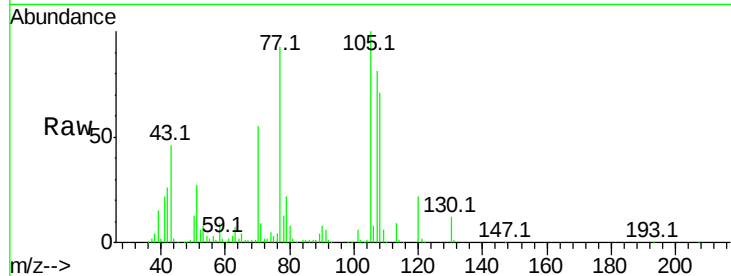
#19
n-Nitroso-di-n-propylamine
Concen: 37.82 ng
RT: 7.20 min Scan# 447
Delta R.T. 0.00 min
Lab File: BF085998.D
Acq: 2 Apr 2016 8:48

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100		188802		
42	47.3	37.1	55.7		
101	10.1	8.6	12.8		
130	21.7	19.6	29.4		

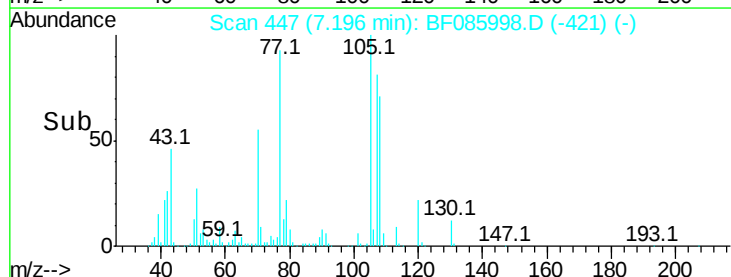
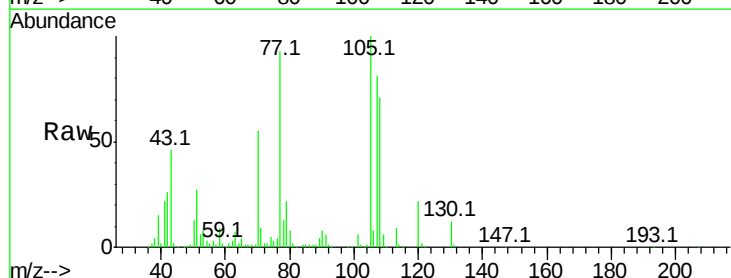
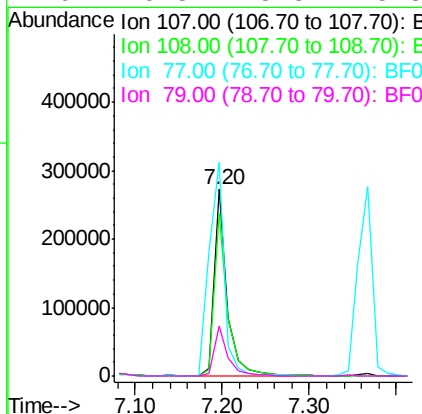
Manual Integrations
APPROVED

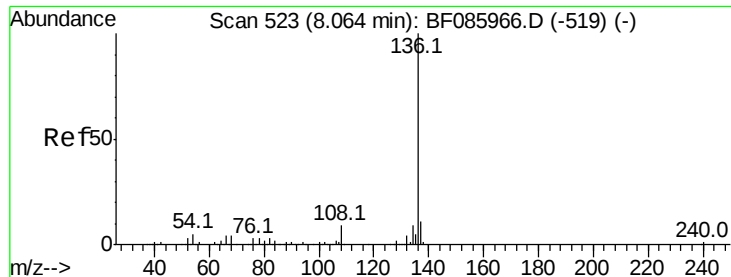
Sohil
4/4/2016 7:44:32 PM



#20
3+4-Methylphenols
Concen: 38.97 ng
RT: 7.20 min Scan# 447
Delta R.T. 0.00 min
Lab File: BF085998.D
Acq: 2 Apr 2016 8:48

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100		282599		
108	86.8	69.3	109.3		
77	114.4	101.7	141.7		
79	26.8	8.3	48.3		





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.06 min Scan# 523

Delta R.T. 0.00 min

Lab File: BF085998.D

Acq: 2 Apr 2016 8:48

Instrument :

BNA_F

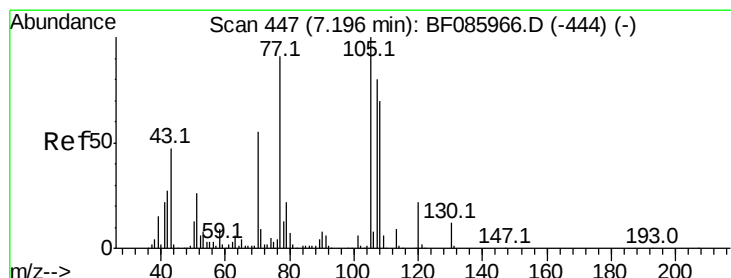
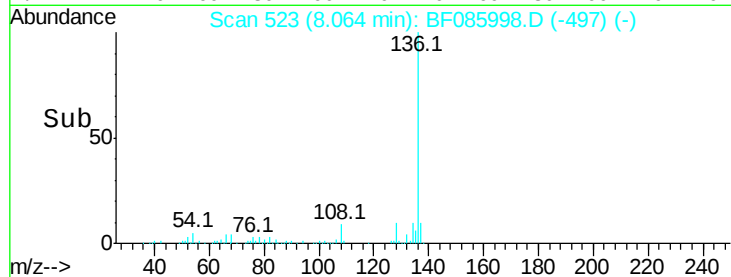
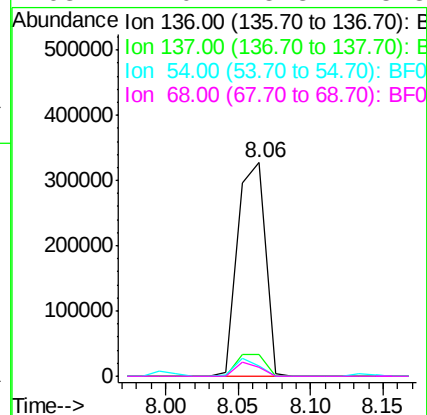
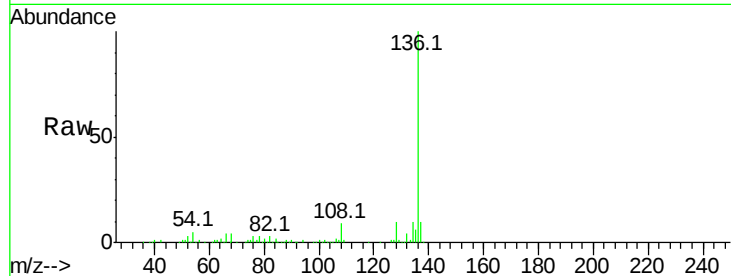
ClientSampleId :

SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	10.2	9.1	13.7	
54	4.6	7.4	11.0	
68	4.0	5.8	8.8	

Manual Integrations
APPROVED

Sohil
4/4/2016 7:44:32 PM



#22

Acetophenone

Concen: 39.48 ng

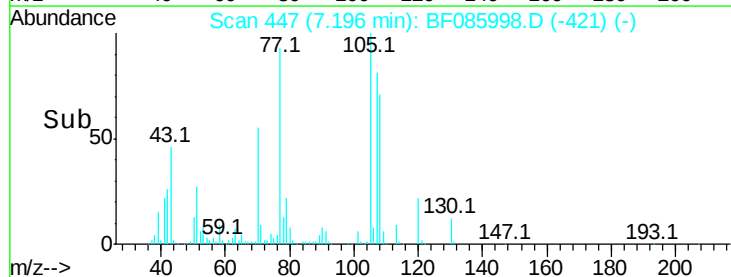
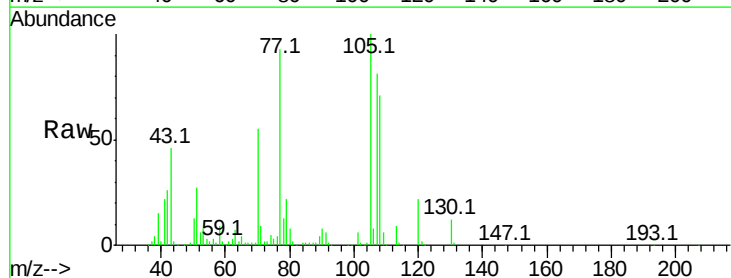
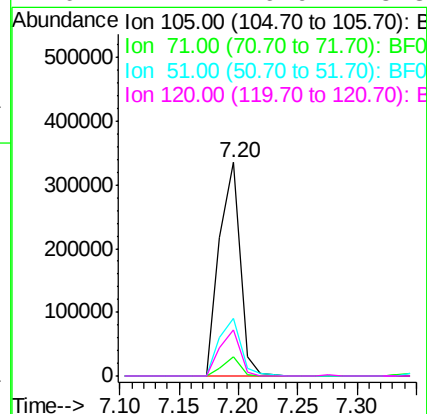
RT: 7.20 min Scan# 447

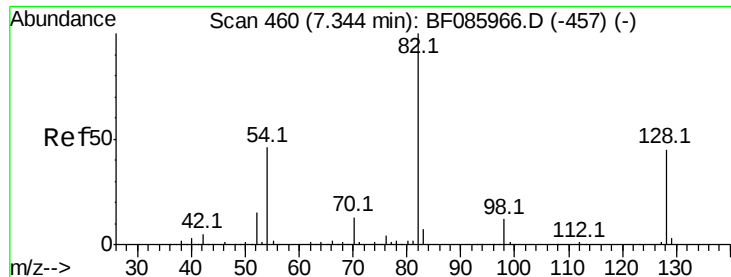
Delta R.T. 0.00 min

Lab File: BF085998.D

Acq: 2 Apr 2016 8:48

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	9.1	3.6	5.4	
51	27.0	25.4	38.0	
120	21.7	16.9	25.3	





#23

Nitrobenzene-d5

Concen: 77.65 ng

RT: 7.34 min Scan# 460

Delta R.T. 0.00 min

Lab File: BF085998.D

Acq: 2 Apr 2016 8:48

Instrument :

BNA_F

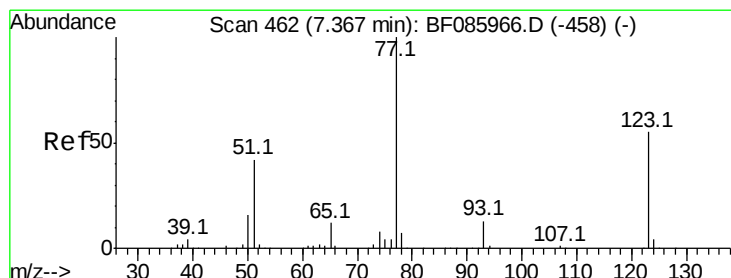
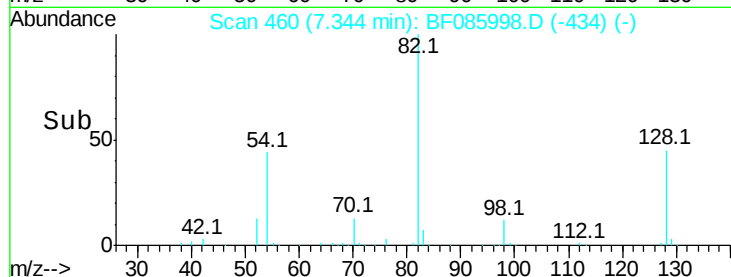
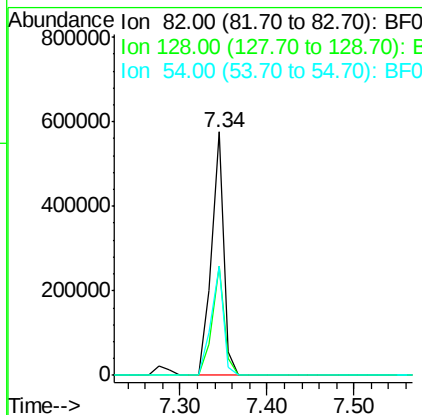
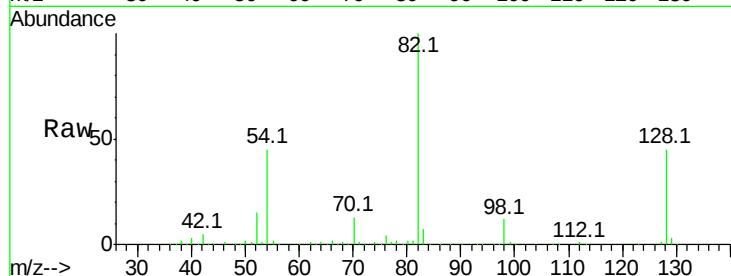
ClientSampleId :

SSTDCCC040

Tot Ion:	82	Resp:	575045
Ion Ratio	Lower	Upper	
82	100		
128	45.0	41.8	62.8
54	44.8	33.4	50.0

Manual Integrations
APPROVED

Sohil
4/4/2016 7:44:32 PM



#24

Nitrobenzene

Concen: 39.06 ng

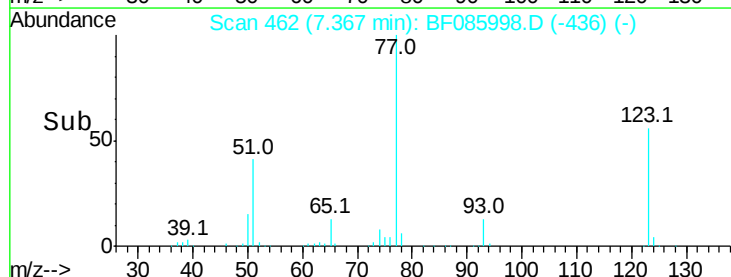
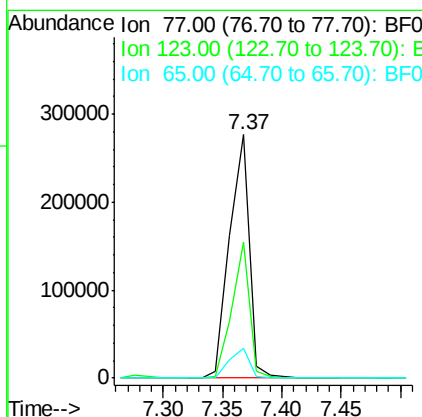
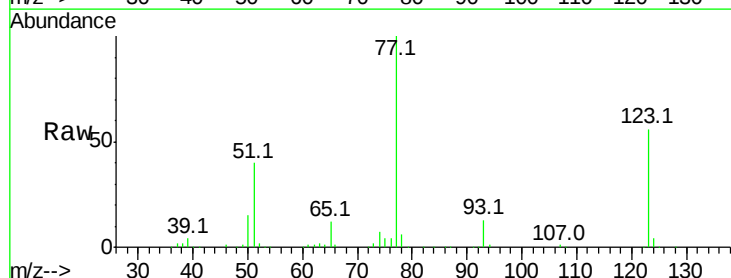
RT: 7.37 min Scan# 462

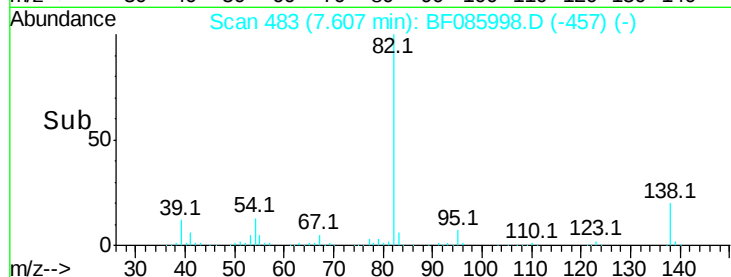
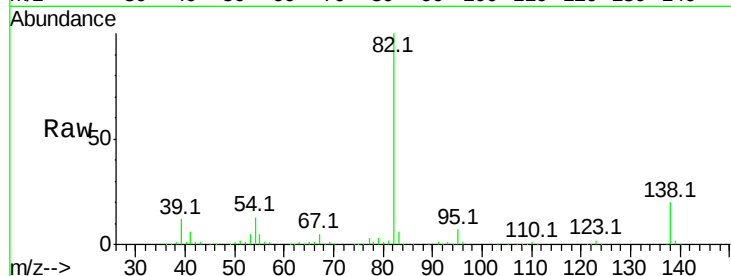
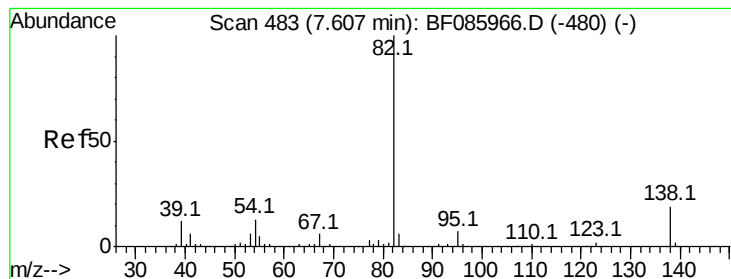
Delta R.T. 0.00 min

Lab File: BF085998.D

Acq: 2 Apr 2016 8:48

Tgt Ion:	77	Resp:	316484
Ion Ratio	Lower	Upper	
77	100		
123	55.6	35.0	52.4#
65	12.2	10.6	16.0





#25

Isophorone

Concen: 39.10 ng

RT: 7.61 min Scan# 483

Delta R.T. 0.00 min

Lab File: BF085998.D

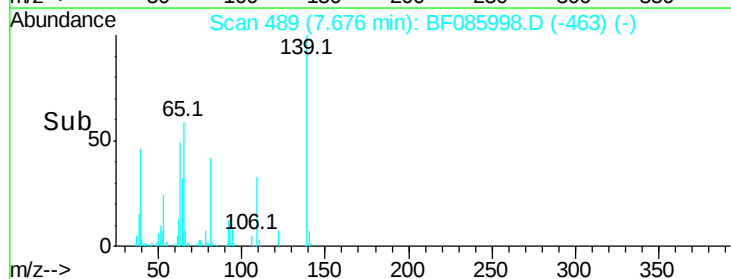
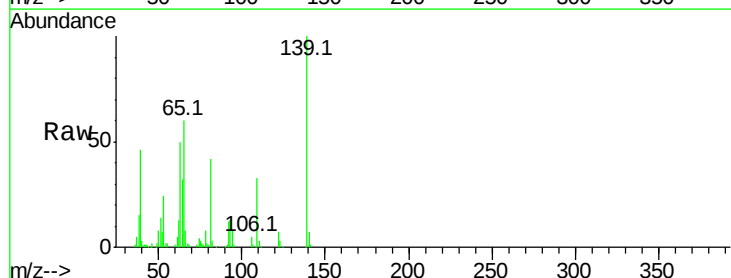
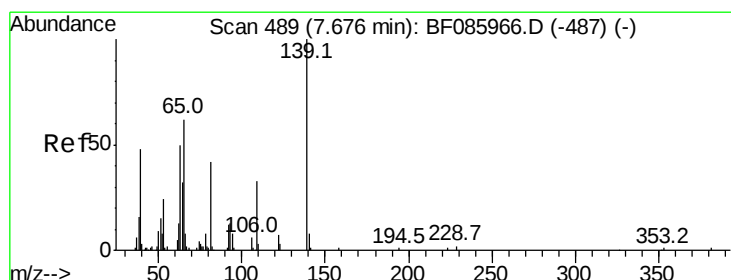
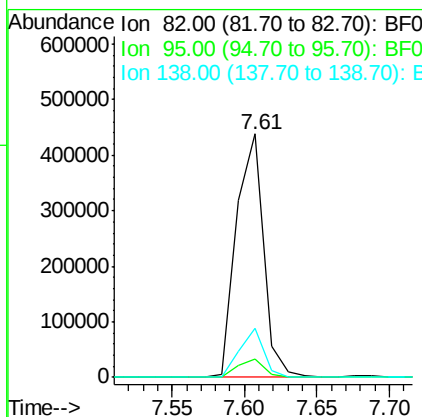
Acq: 2 Apr 2016 8:48

Tot Ion:	82	Resp:	571671
Ion Ratio	Lower	Upper	
82	100		
95	7.3	5.4	8.2
138	20.1	12.9	19.3#

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations
APPROVED

Sohil
4/4/2016 7:44:32 PM



#26

2-Nitrophenol

Concen: 39.61 ng

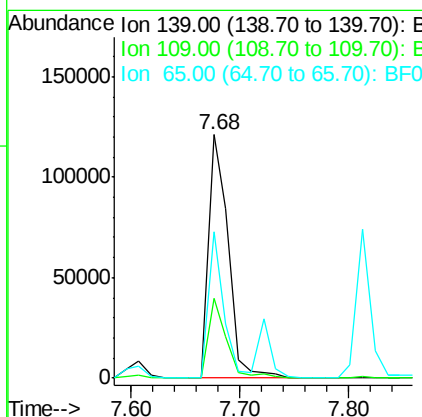
RT: 7.68 min Scan# 489

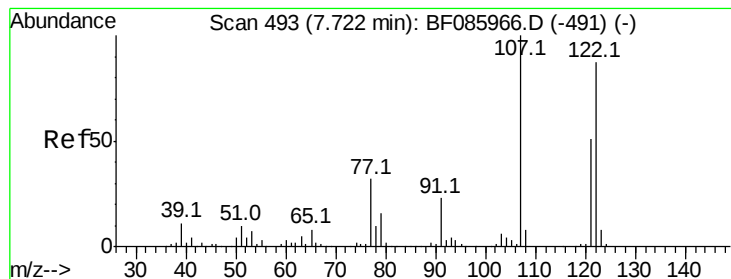
Delta R.T. 0.00 min

Lab File: BF085998.D

Acq: 2 Apr 2016 8:48

Tgt Ion:	139	Resp:	153540
Ion Ratio	Lower	Upper	
139	100		
109	33.0	22.1	33.1
65	59.9	33.9	50.9#





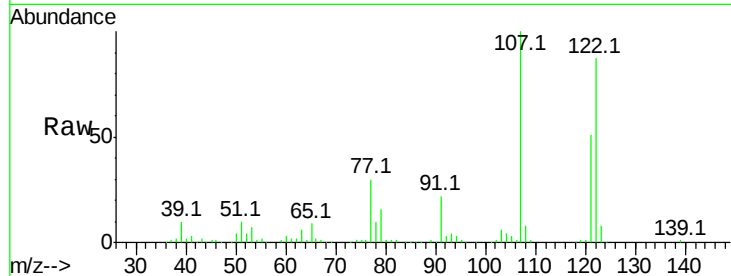
#27
 2,4-Dimethylphenol
 Concen: 37.08 ng
 RT: 7.72 min Scan# 493
 Delta R.T. 0.00 min
 Lab File: BF085998.D
 Acq: 2 Apr 2016 8:48

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

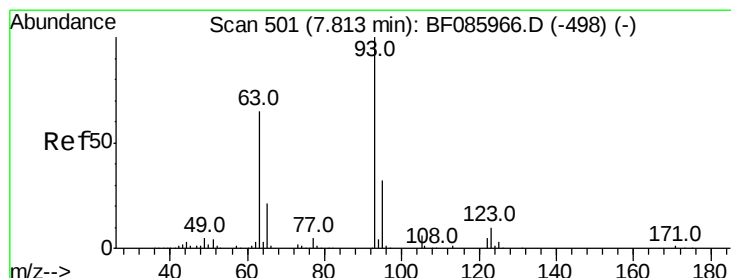
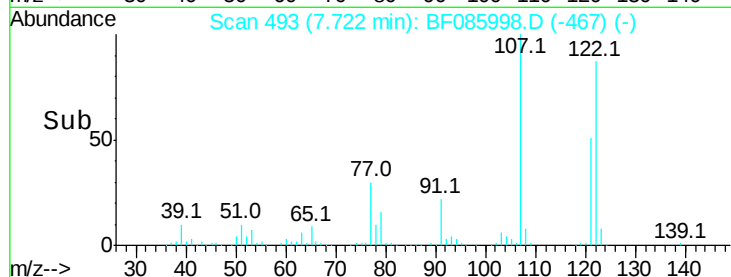
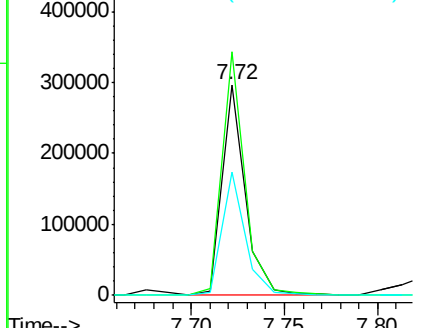
Tot Ion	Ratio	Resp	Lower	Upper
122	100	258167		
107	115.4	93.0	139.6	
121	58.4	45.9	68.9	

Manual Integrations
 APPROVED

Sohil
 4/4/2016 7:44:32 PM

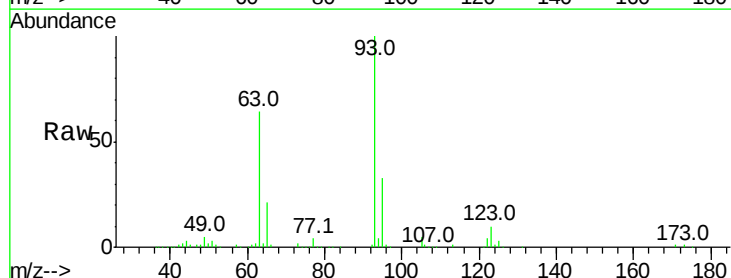


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

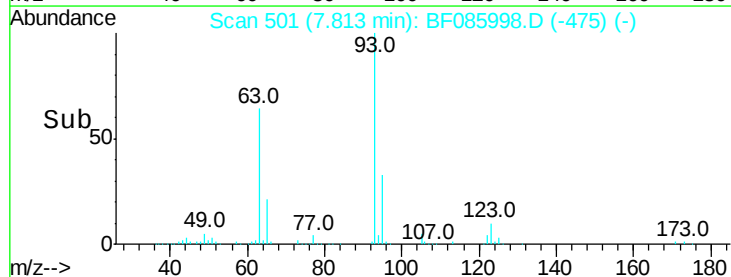
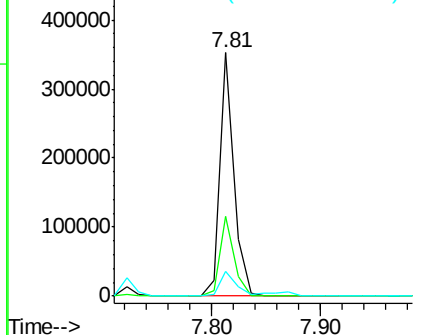


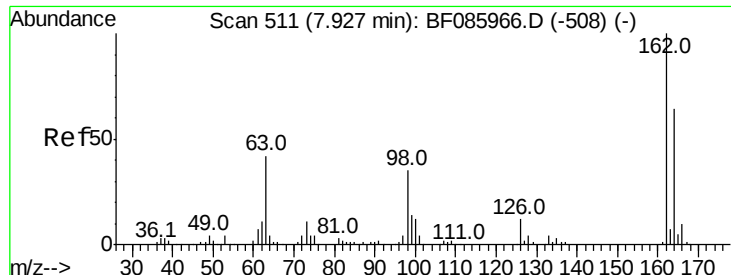
#28
 bis(2-Chloroethoxy)methane
 Concen: 37.26 ng
 RT: 7.81 min Scan# 501
 Delta R.T. 0.00 min
 Lab File: BF085998.D
 Acq: 2 Apr 2016 8:48

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	319609		
95	32.7	26.4	39.6	
123	10.4	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





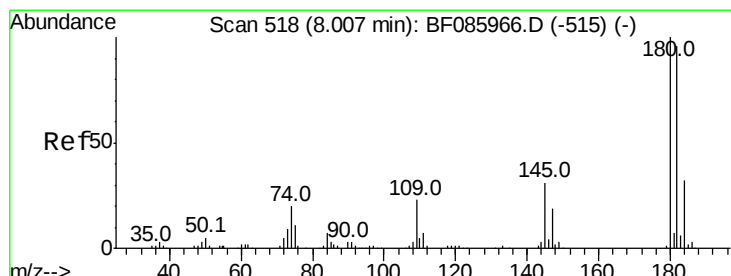
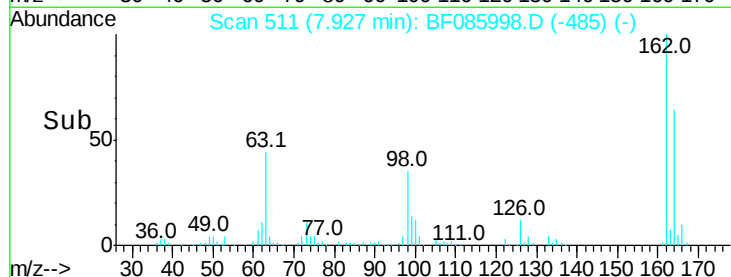
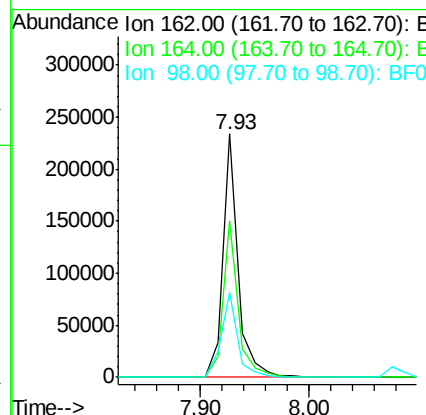
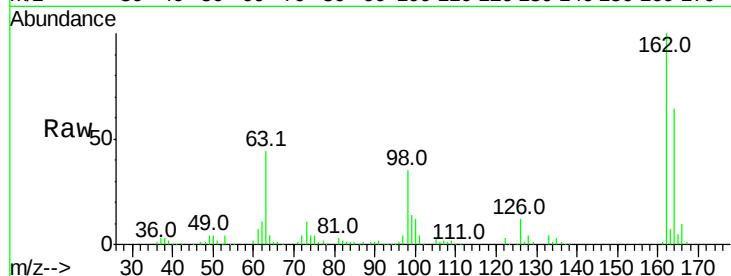
#29
 2,4-Dichlorophenol
 Concen: 38.71 ng
 RT: 7.93 min Scan# 511
 Delta R.T. 0.00 min
 Lab File: BF085998.D
 Acq: 2 Apr 2016 8:48

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:	162	Resp:	227860
Ion Ratio	Lower	Upper	
162	100		
164	64.4	43.7	83.7
98	35.1	20.4	60.4

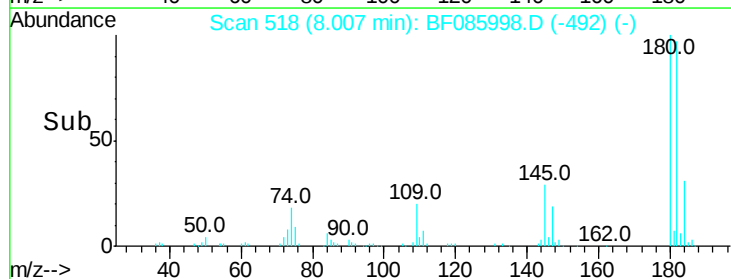
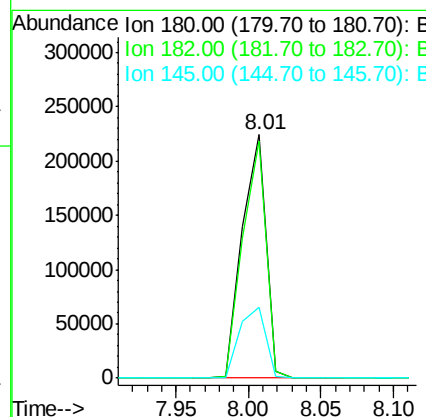
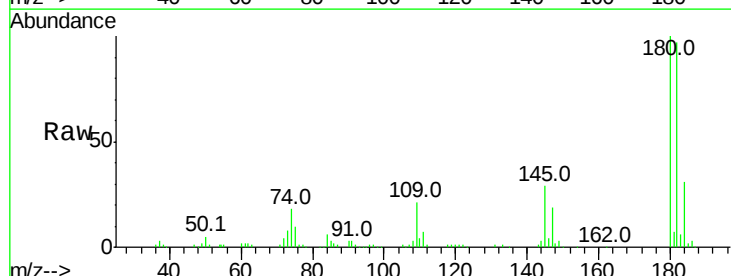
Manual Integrations
 APPROVED

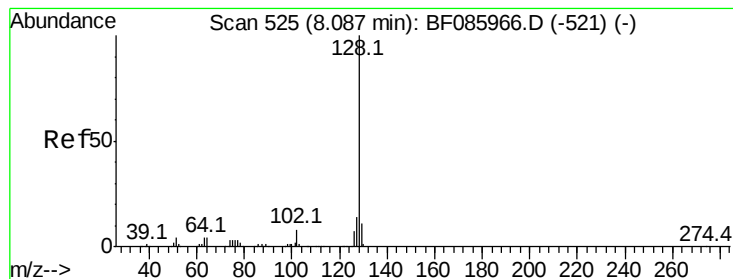
Sohil
 4/4/2016 7:44:32 PM



#30
 1,2,4-Trichlorobenzene
 Concen: 38.68 ng
 RT: 8.01 min Scan# 518
 Delta R.T. 0.00 min
 Lab File: BF085998.D
 Acq: 2 Apr 2016 8:48

Tgt Ion:	180	Resp:	255590
Ion Ratio	Lower	Upper	
180	100		
182	97.4	73.8	110.8
145	29.2	28.4	42.6





#31

Naphthalene

Concen: 37.03 ng

RT: 8.08 min Scan# 524

Delta R.T. -0.01 min

Lab File: BF085998.D

Acq: 2 Apr 2016 8:48

Instrument :

BNA_F

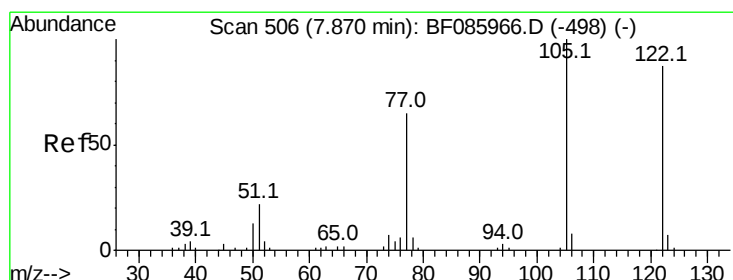
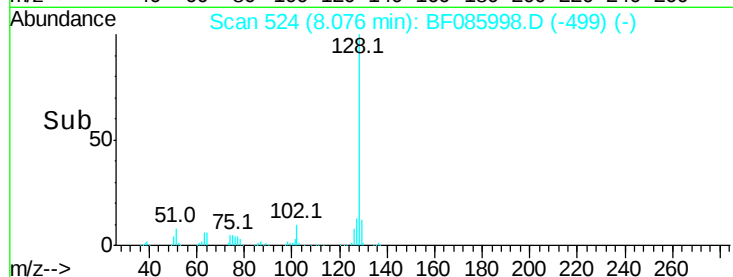
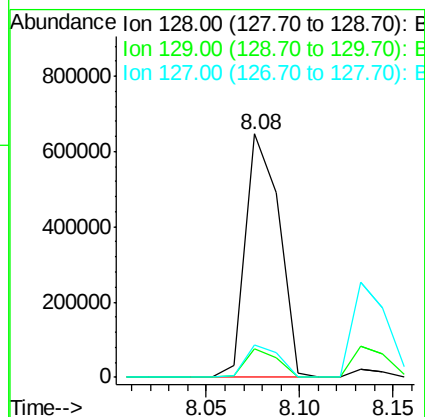
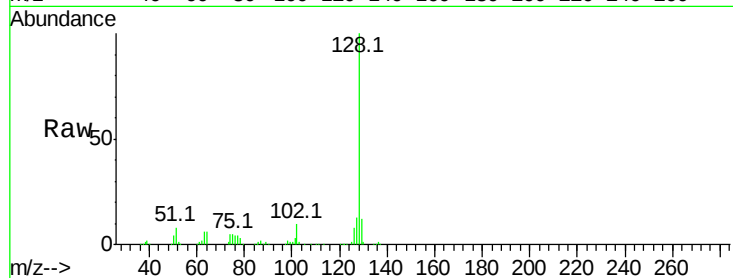
ClientSampleId :

SSTDCCC040

Tot Ion:	128	Resp:	813446
Ion Ratio	Lower	Upper	
128	100		
129	11.5	9.4	14.0
127	13.5	11.0	16.6

Manual Integrations
APPROVED

Sohil
4/4/2016 7:44:32 PM



#32

Benzoic acid

Concen: 38.50 ng

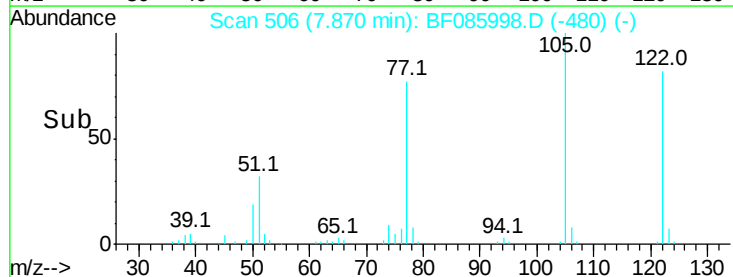
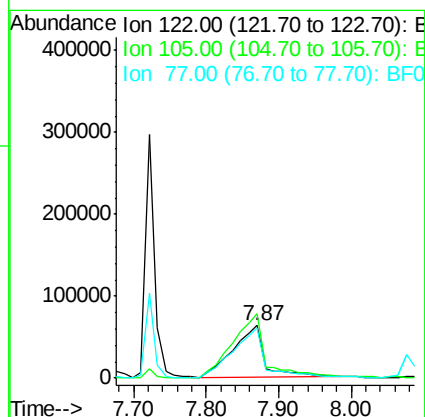
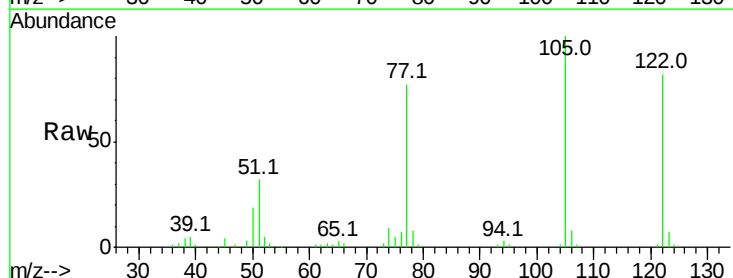
RT: 7.87 min Scan# 506

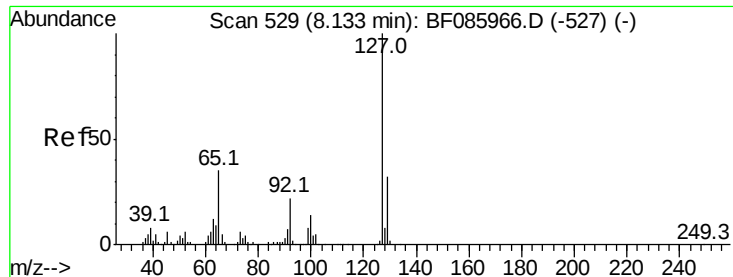
Delta R.T. 0.00 min

Lab File: BF085998.D

Acq: 2 Apr 2016 8:48

Tgt Ion:	122	Resp:	196677
Ion Ratio	Lower	Upper	
122	100		
105	122.7	102.9	142.9
77	94.4	71.8	111.8





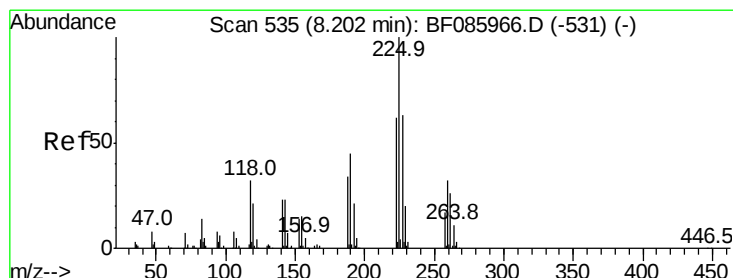
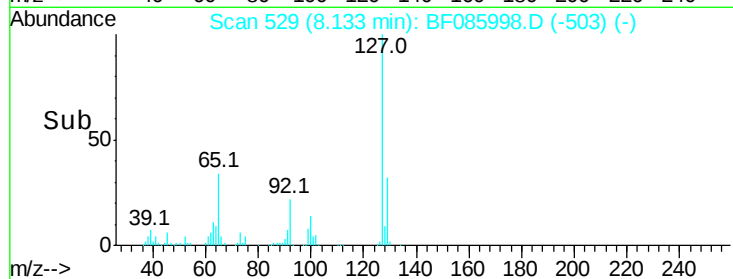
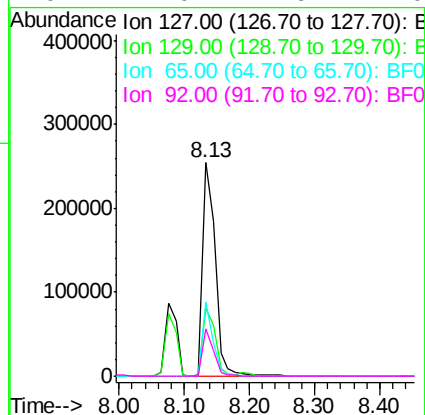
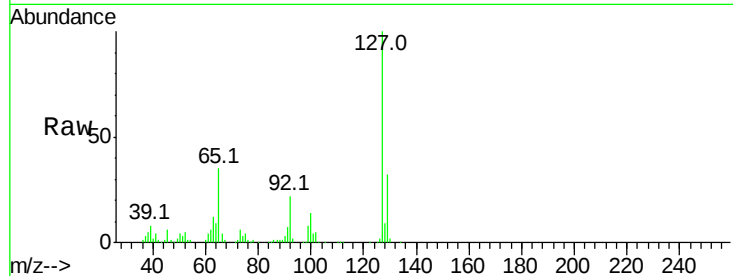
#33
4-Chloroaniline
Concen: 38.01 ng
RT: 8.13 min Scan# 529
Delta R.T. 0.00 min
Lab File: BF085998.D
Acq: 2 Apr 2016 8:48

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp Lower	Upper
127	100		
129	31.9	26.1	39.1
65	34.6	19.5	29.3
92	22.0	14.6	22.0

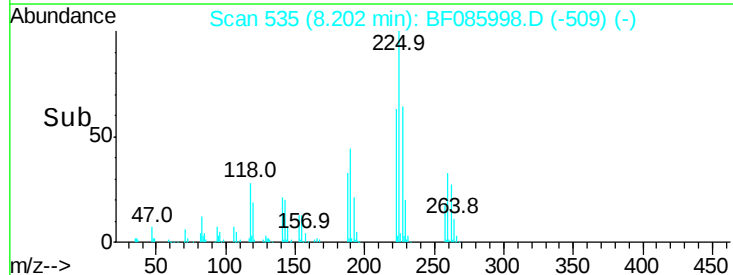
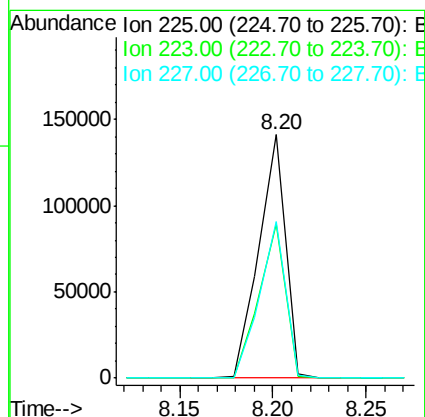
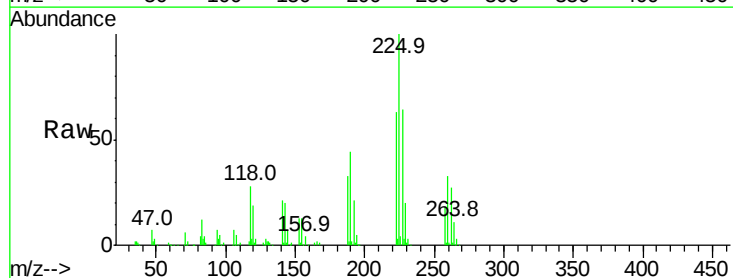
Manual Integrations
APPROVED

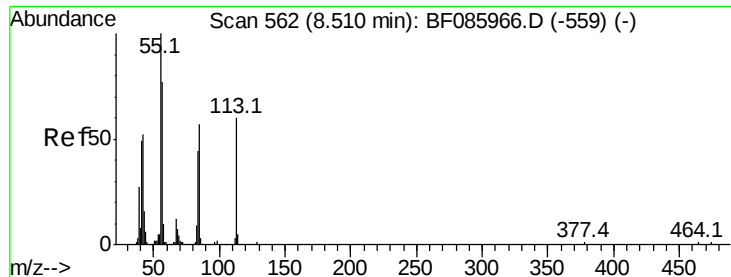
Sohil
4/4/2016 7:44:32 PM



#34
Hexachlorobutadiene
Concen: 39.11 ng
RT: 8.20 min Scan# 535
Delta R.T. 0.00 min
Lab File: BF085998.D
Acq: 2 Apr 2016 8:48

Tgt Ion	Ratio	Resp Lower	Upper
225	100		
223	63.1	50.4	75.6
227	64.3	51.4	77.2





#35

Caprolactam

Concen: 45.15 ng

RT: 8.52 min Scan# 563

Delta R.T. 0.01 min

Lab File: BF085998.D

Acq: 2 Apr 2016 8:48

Instrument :

BNA_F

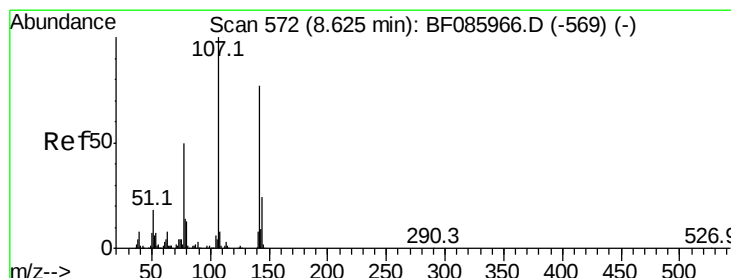
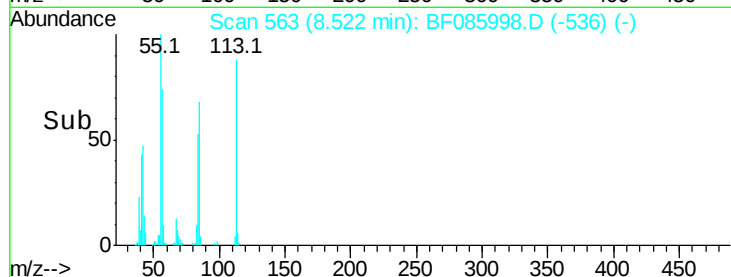
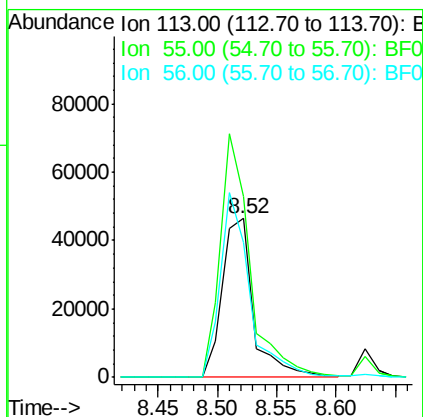
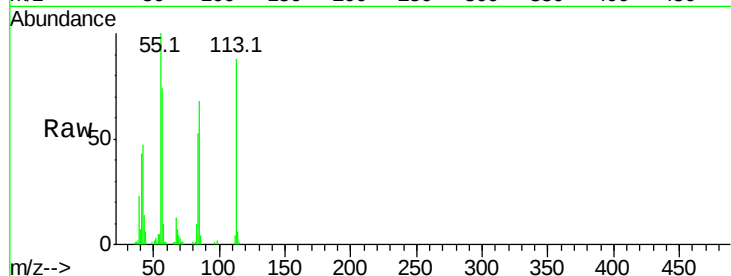
ClientSampleId :

SSTDCCC040

Tot Ion	Ratio	Lower	Upper
113	100		
55	114.2	139.4	179.4#
56	84.8	100.4	140.4#

Manual Integrations
APPROVED

Sohil
4/4/2016 7:44:32 PM



#36

4-Chloro-3-methylphenol

Concen: 40.03 ng

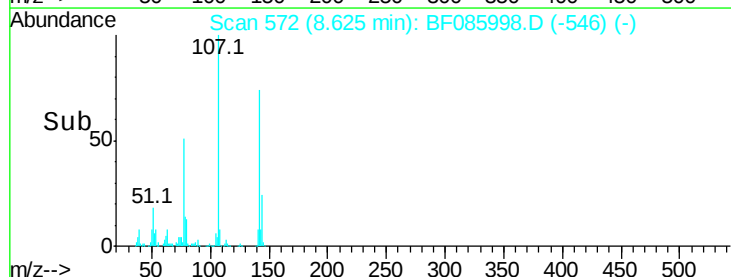
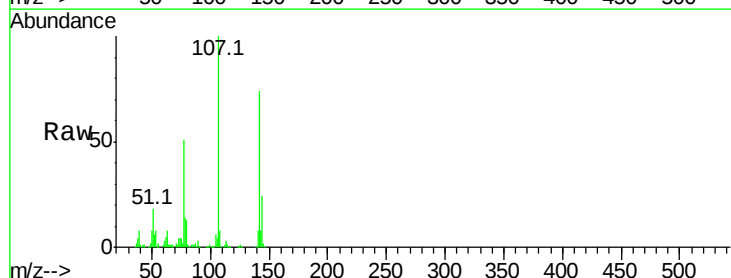
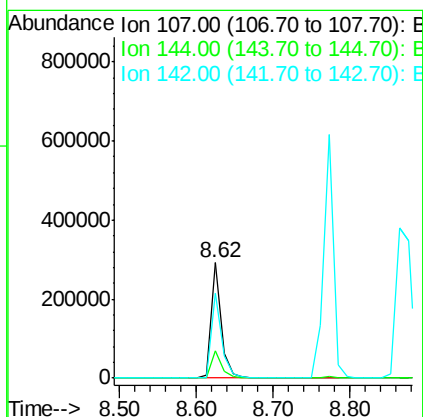
RT: 8.62 min Scan# 572

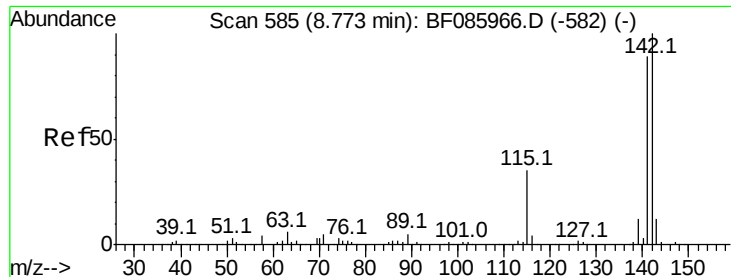
Delta R.T. 0.00 min

Lab File: BF085998.D

Acq: 2 Apr 2016 8:48

Tgt Ion	Ratio	Lower	Upper
107	100		
144	23.8	19.3	28.9
142	73.5	61.4	92.0





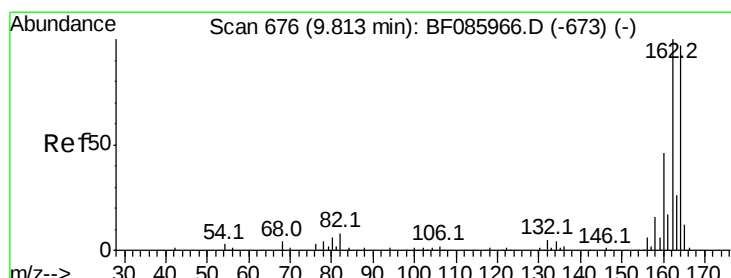
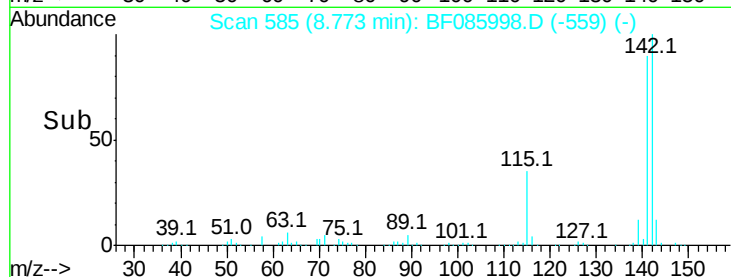
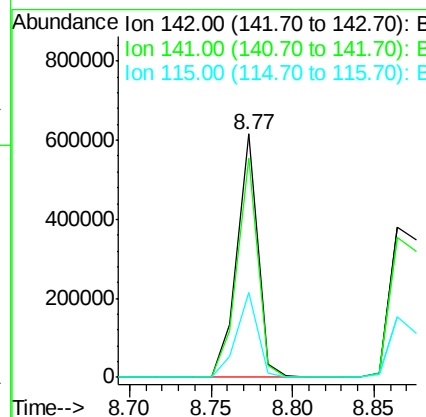
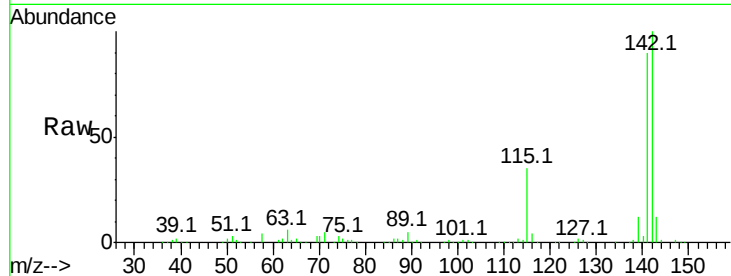
#37
2-Methylnaphthalene
Concen: 37.55 ng
RT: 8.77 min Scan# 585
Delta R.T. 0.00 min
Lab File: BF085998.D
Acq: 2 Apr 2016 8:48

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
142	100	538814		
141	90.1		71.6	107.4
115	35.1		26.8	40.2

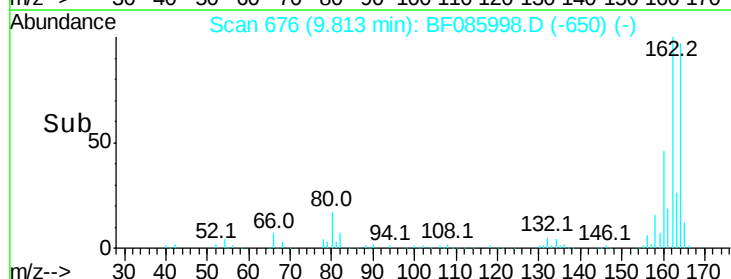
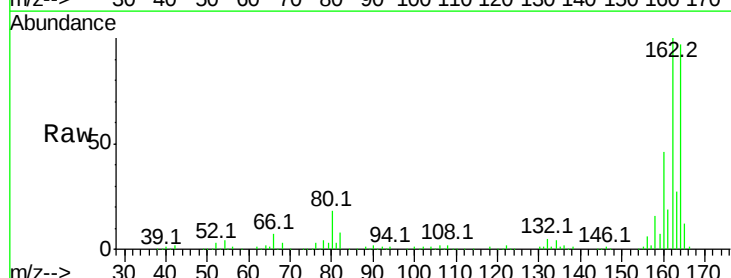
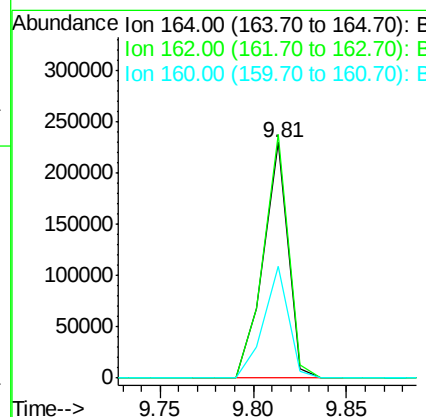
Manual Integrations
APPROVED

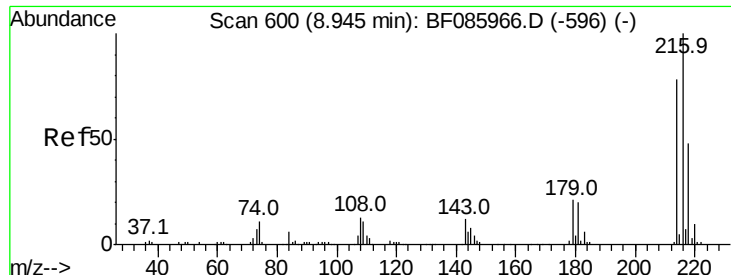
Sohil
4/4/2016 7:44:32 PM



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.81 min Scan# 676
Delta R.T. 0.00 min
Lab File: BF085998.D
Acq: 2 Apr 2016 8:48

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	210498		
162	103.3		82.1	123.1
160	47.7		37.4	56.2





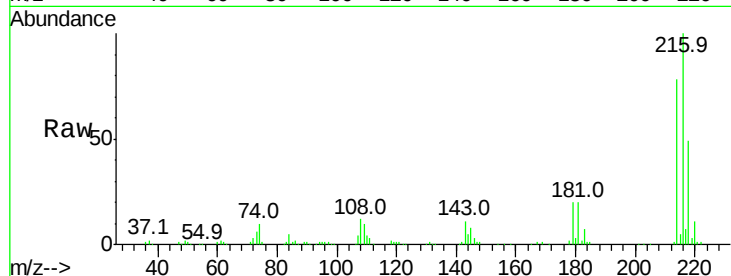
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 37.21 ng
 RT: 8.94 min Scan# 600
 Delta R.T. 0.00 min
 Lab File: BF085998.D
 Acq: 2 Apr 2016 8:48

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

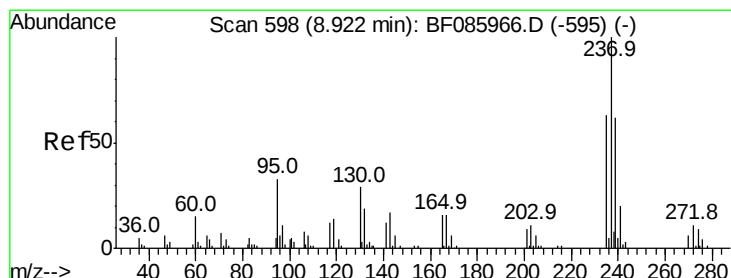
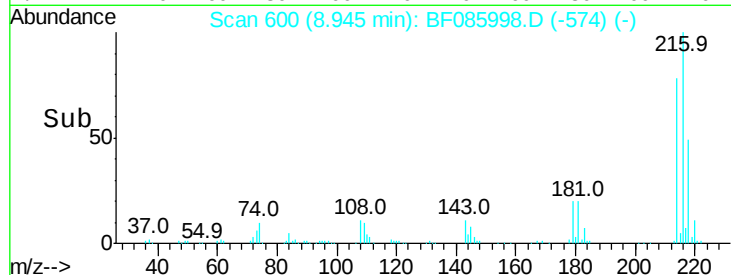
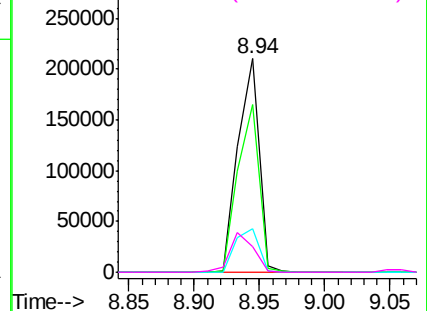
Tot Ion	Ratio	Resp	Lower	Upper
216	100	235418		
214	79.0	63.1	94.7	
179	23.1	18.2	27.2	
108	20.8	17.3	25.9	

Manual Integrations
 APPROVED

Sohil
 4/4/2016 7:44:32 PM

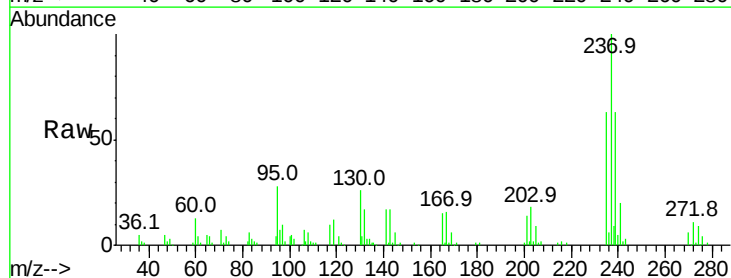


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

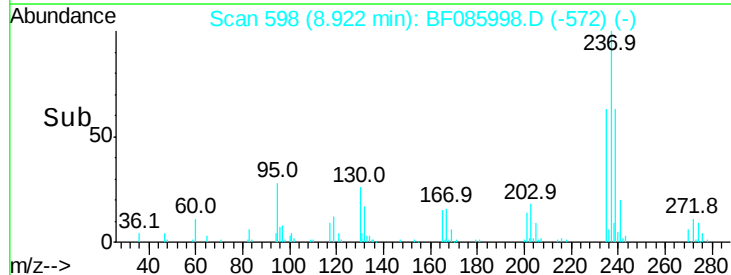
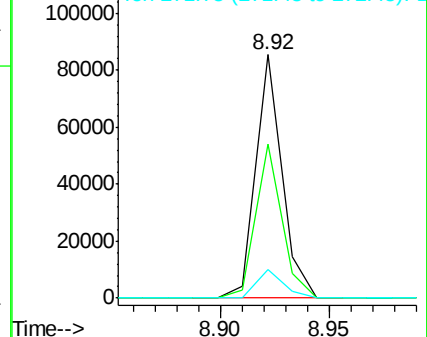


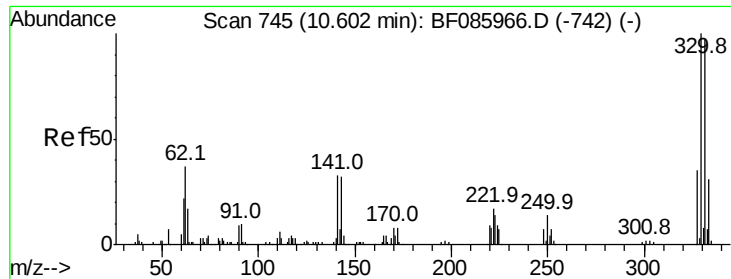
#40
 Hexachlorocyclopentadiene
 Concen: 40.35 ng
 RT: 8.92 min Scan# 598
 Delta R.T. 0.00 min
 Lab File: BF085998.D
 Acq: 2 Apr 2016 8:48

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	71364		
235	63.1	43.7	83.7	
272	11.5	0.0	31.9	



Abundance Ion 236.80 (236.50 to 237.50): E
 Ion 234.90 (234.60 to 235.60): E
 Ion 271.75 (271.45 to 272.45): E





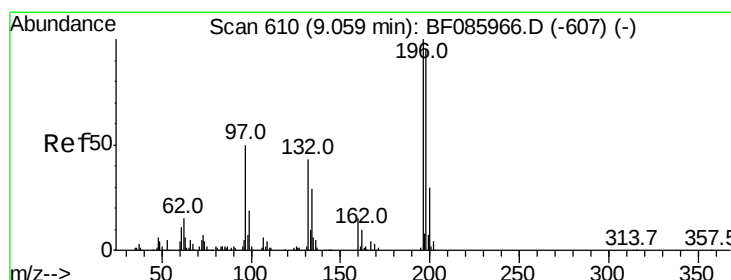
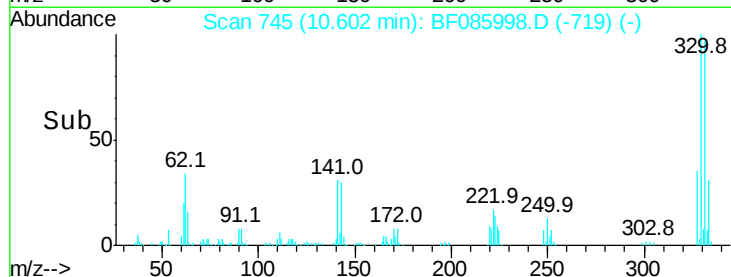
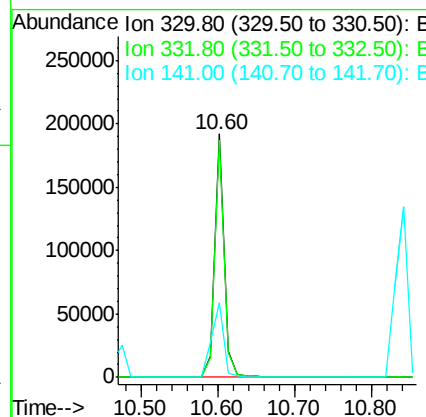
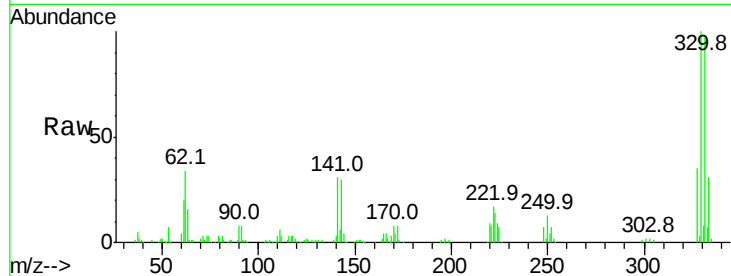
#41
 2,4,6-Tribromophenol
 Concen: 82.40 ng
 RT: 10.60 min Scan# 745
 Delta R.T. 0.00 min
 Lab File: BF085998.D
 Acq: 2 Apr 2016 8:48

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
330	100	162808		
332	96.9	78.2	117.2	
141	39.6	31.5	47.3	

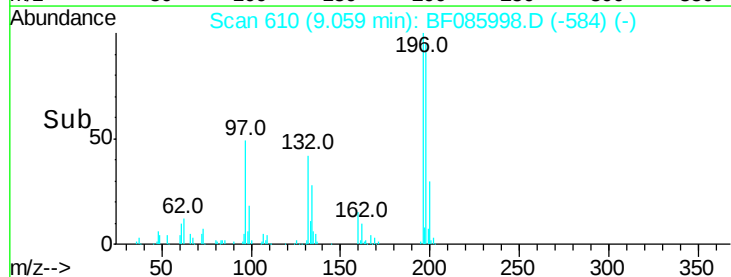
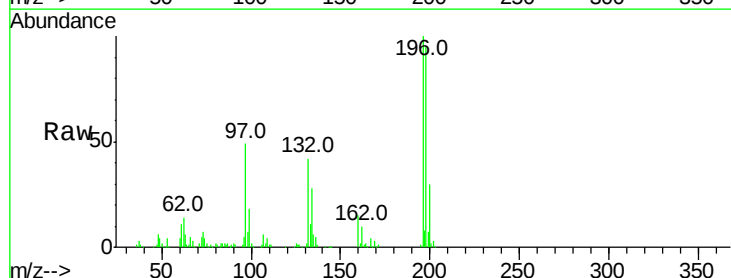
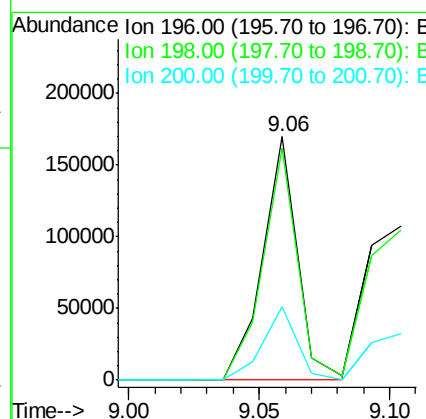
Manual Integrations
 APPROVED

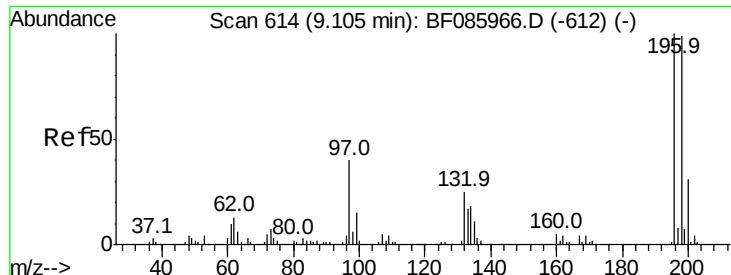
Sohil
 4/4/2016 7:44:32 PM



#42
 2,4,6-Trichlorophenol
 Concen: 39.10 ng
 RT: 9.06 min Scan# 610
 Delta R.T. 0.00 min
 Lab File: BF085998.D
 Acq: 2 Apr 2016 8:48

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	158834		
198	95.4	75.3	112.9	
200	30.2	23.7	35.5	





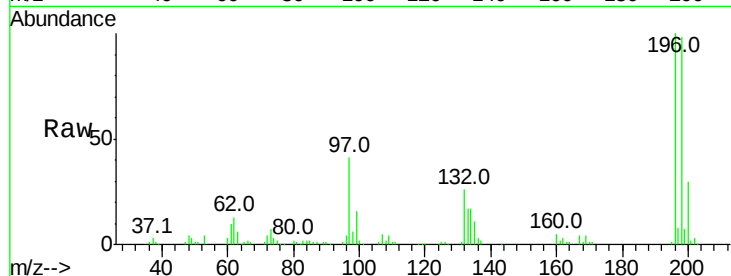
#43
 2,4,5-Trichlorophenol
 Concen: 38.68 ng
 RT: 9.10 min Scan# 614
 Delta R.T. 0.00 min
 Lab File: BF085998.D
 Acq: 2 Apr 2016 8:48

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
196	100	159548		
198	97.5	76.6	114.8	
97	40.6	30.5	45.7	
132	25.6	20.2	30.2	

Manual Integrations
 APPROVED

Sohil
 4/4/2016 7:44:32 PM



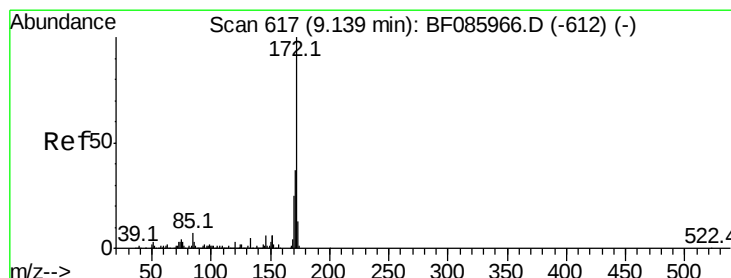
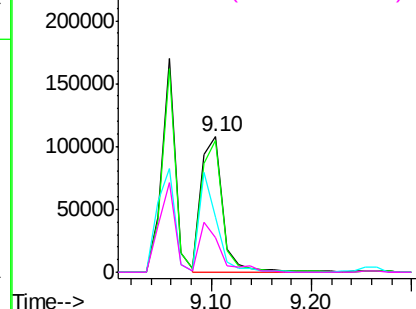
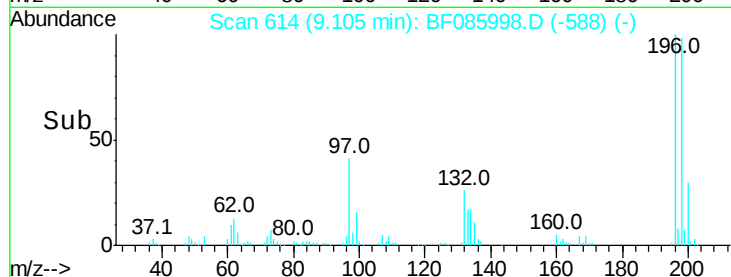
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

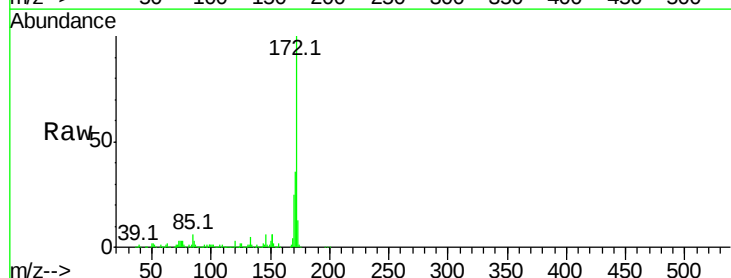
Ion 97.00 (96.70 to 97.70): BF0

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 83.48 ng
 RT: 9.14 min Scan# 617
 Delta R.T. 0.00 min
 Lab File: BF085998.D
 Acq: 2 Apr 2016 8:48

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1056846		
171	35.9	29.4	44.2	
170	24.6	19.8	29.6	

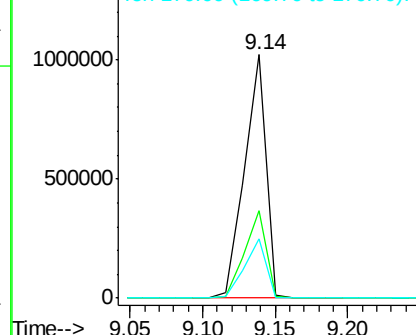
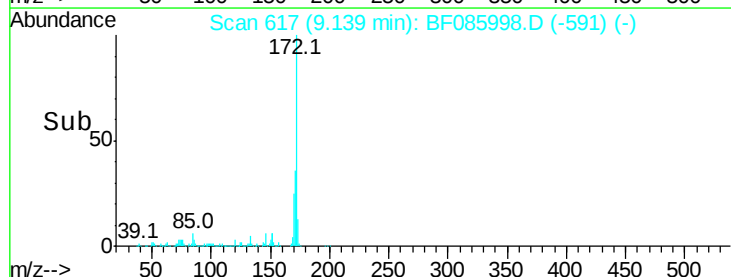


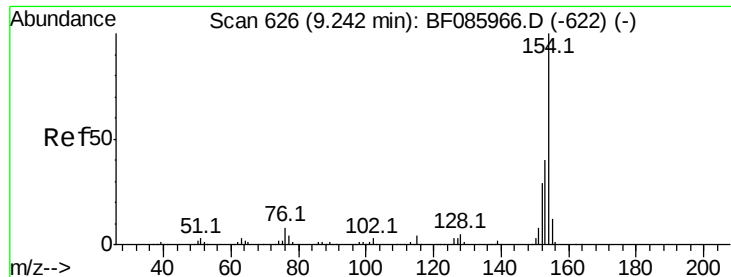
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#45

1,1'-Biphenyl

Concen: 37.63 ng

RT: 9.24 min Scan# 626

Delta R.T. 0.00 min

Lab File: BF085998.D

Acq: 2 Apr 2016 8:48

Instrument :

BNA_F

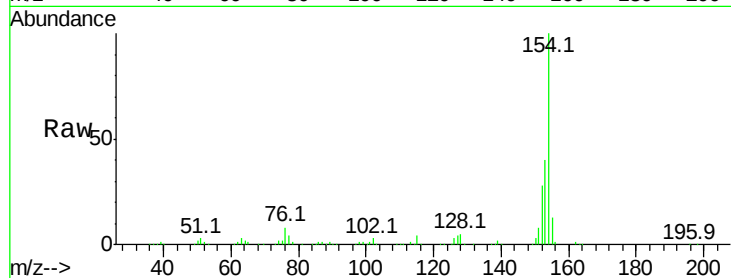
ClientSampleId :

SSTDCCC040

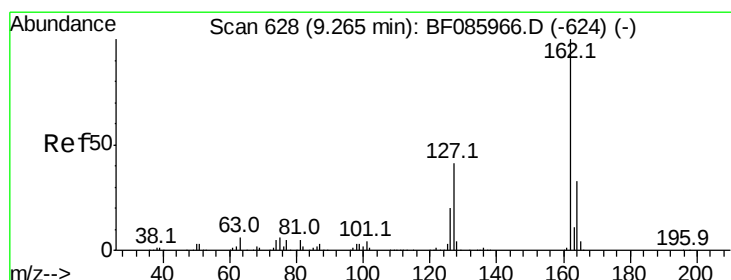
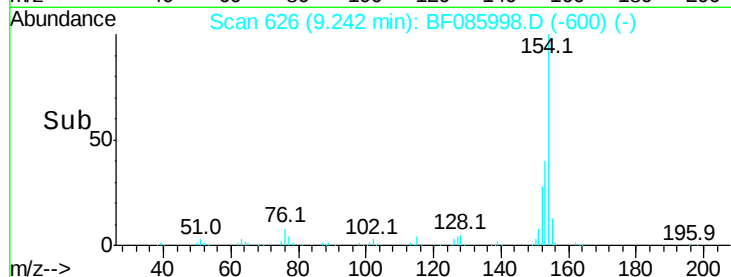
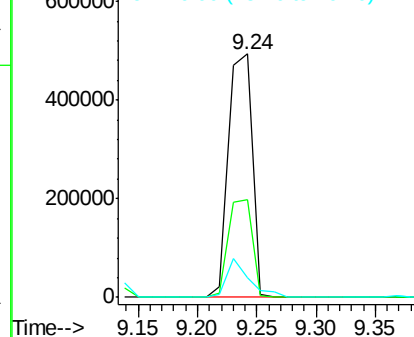
Tot Ion:	154	Resp:	683028
Ion Ratio	Lower	Upper	
154	100		
153	40.1	20.8	60.8
76	8.1	0.0	36.7

Manual Integrations
APPROVED

Sohil
4/4/2016 7:44:32 PM



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



#46

2-Chloronaphthalene

Concen: 39.49 ng

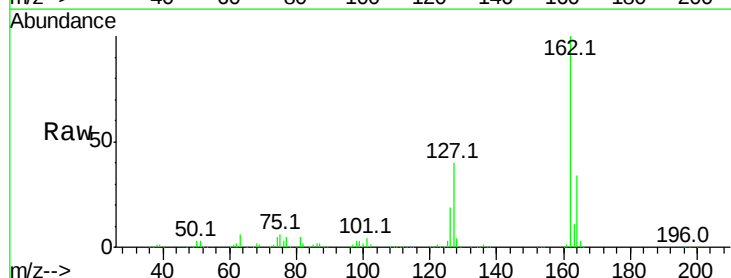
RT: 9.26 min Scan# 628

Delta R.T. 0.00 min

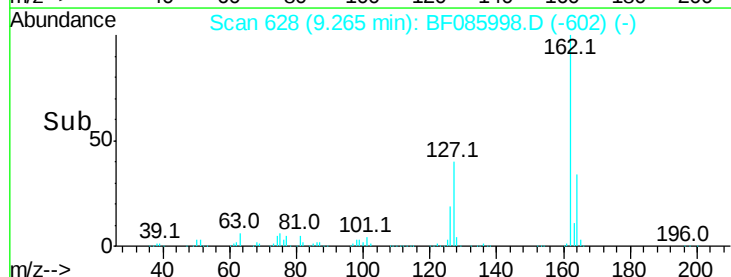
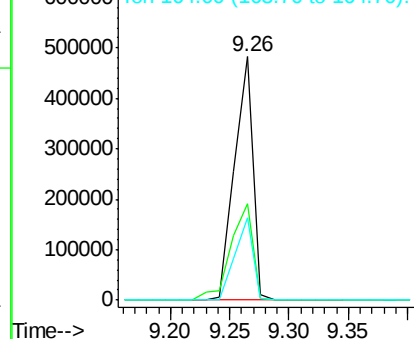
Lab File: BF085998.D

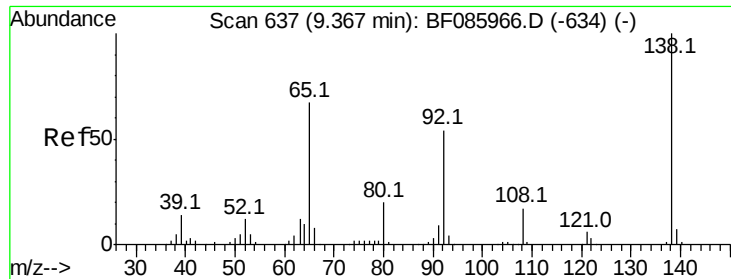
Acq: 2 Apr 2016 8:48

Tgt Ion:	162	Resp:	519600
Ion Ratio	Lower	Upper	
162	100		
127	39.7	31.7	47.5
164	33.6	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





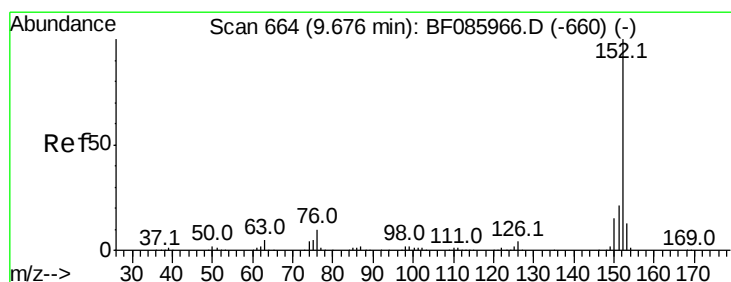
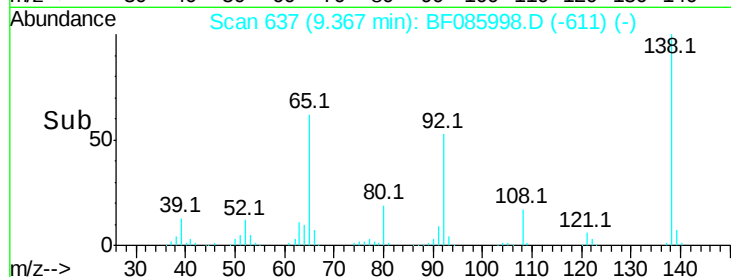
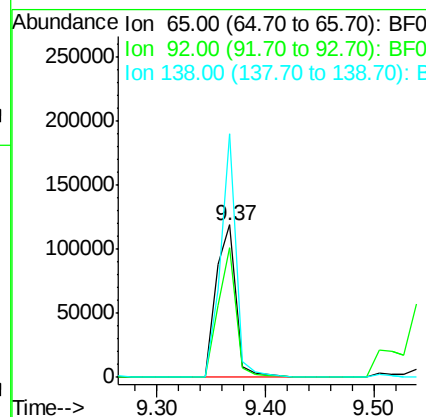
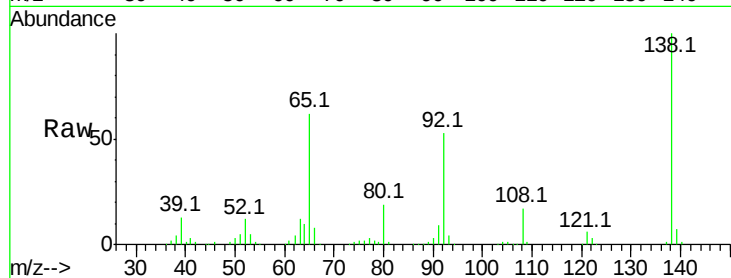
#47
2-Nitroaniline
Concen: 39.72 ng
RT: 9.37 min Scan# 637
Delta R.T. 0.00 min
Lab File: BF085998.D
Acq: 2 Apr 2016 8:48

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
65	100		
92	85.4	59.7	89.5
138	160.0	91.4	137.0

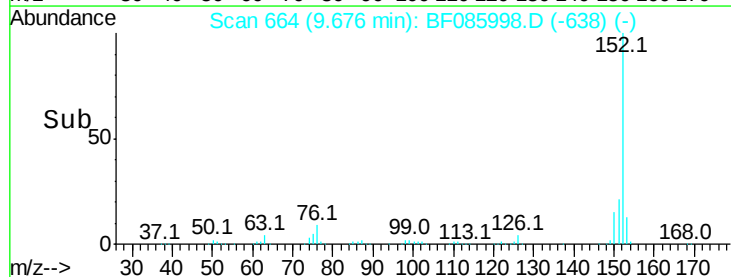
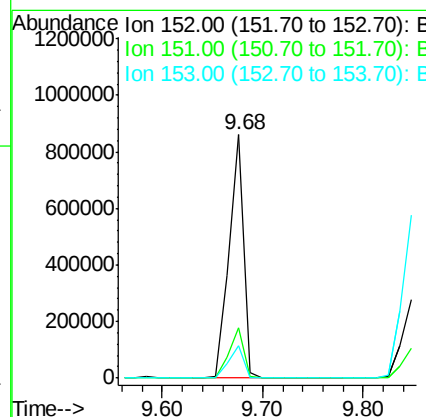
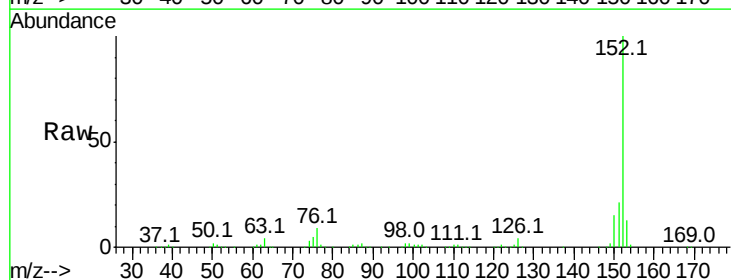
Manual Integrations
APPROVED

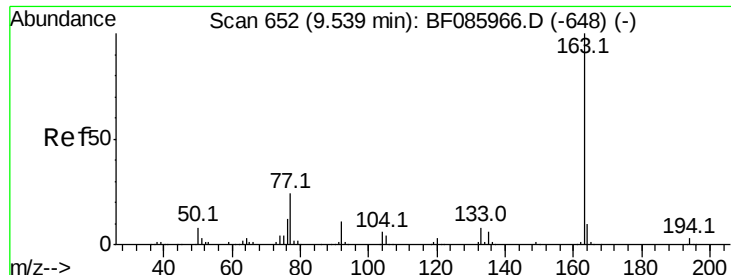
Sohil
4/4/2016 7:44:32 PM



#48
Acenaphthylene
Concen: 40.77 ng
RT: 9.68 min Scan# 664
Delta R.T. 0.00 min
Lab File: BF085998.D
Acq: 2 Apr 2016 8:48

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





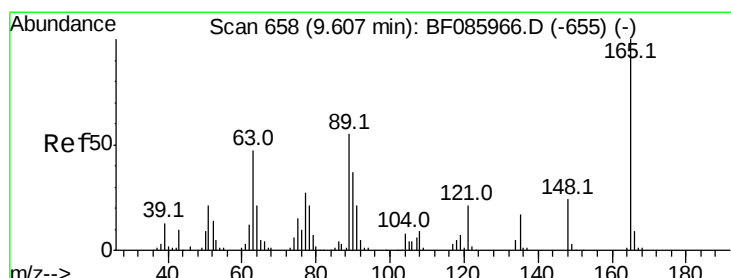
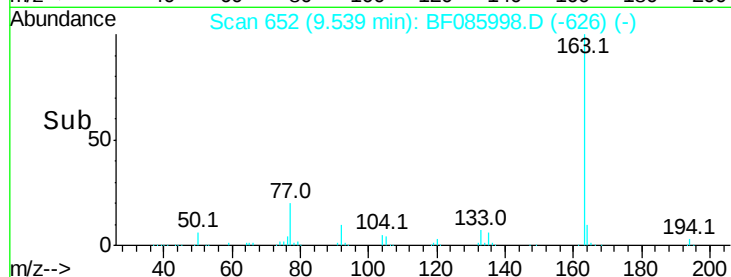
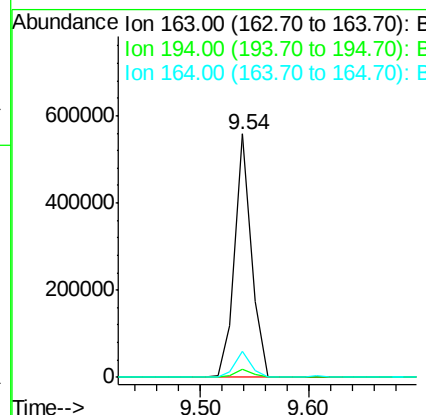
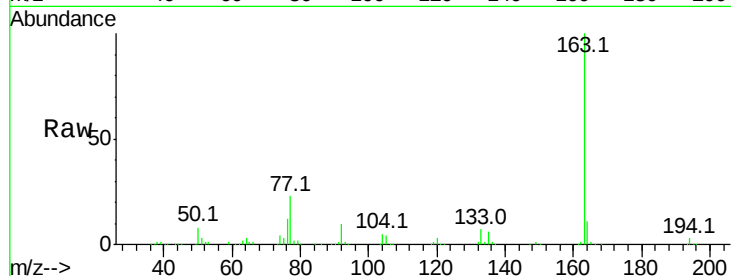
#49
Dimethylphthalate
Concen: 37.71 ng
RT: 9.54 min Scan# 652
Delta R.T. 0.00 min
Lab File: BF085998.D
Acq: 2 Apr 2016 8:48

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp Lower	Resp Upper
163	100		
194	3.4	2.9	4.3
164	10.5	8.3	12.5

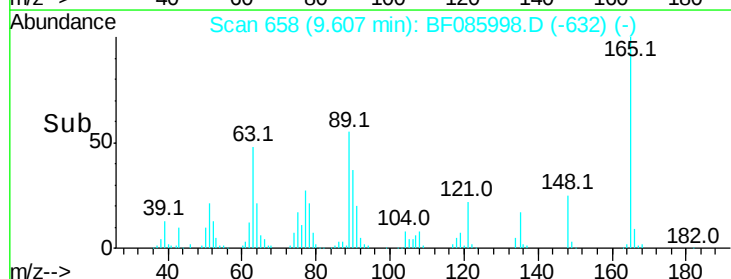
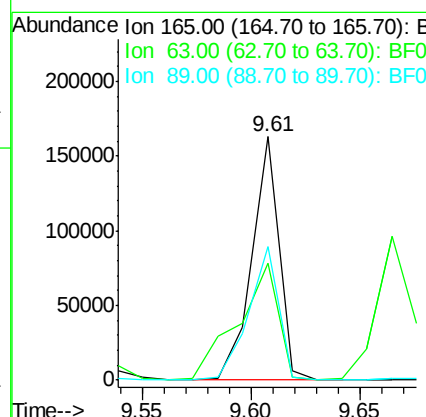
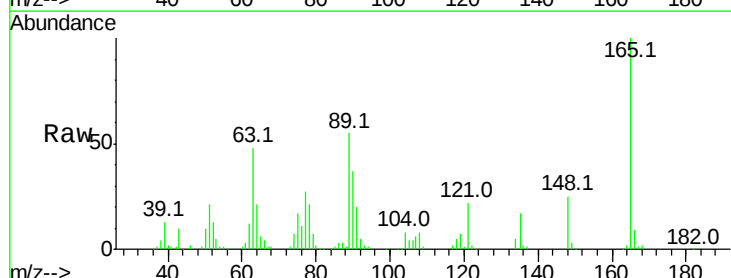
Manual Integrations
APPROVED

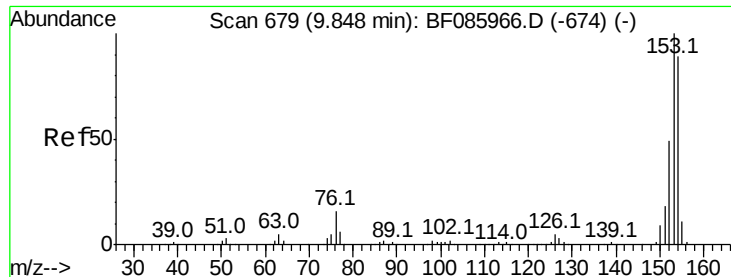
Sohil
4/4/2016 7:44:32 PM



#50
2,6-Dinitrotoluene
Concen: 42.80 ng
RT: 9.61 min Scan# 658
Delta R.T. 0.00 min
Lab File: BF085998.D
Acq: 2 Apr 2016 8:48

Tgt Ion	Ratio	Resp Lower	Resp Upper
165	100		
63	48.2	51.8	77.8#
89	54.7	53.7	80.5





#51

Acenaphthene

Concen: 40.10 ng

RT: 9.85 min Scan# 679

Delta R.T. 0.00 min

Lab File: BF085998.D

Acq: 2 Apr 2016 8:48

Instrument :

BNA_F

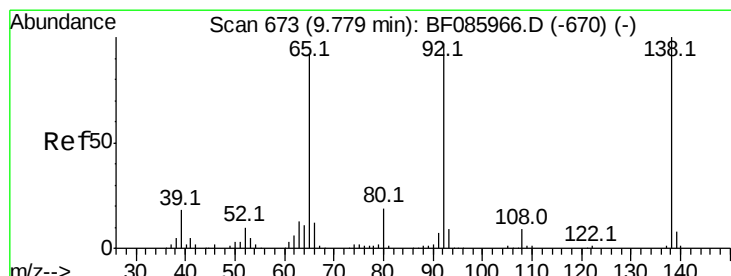
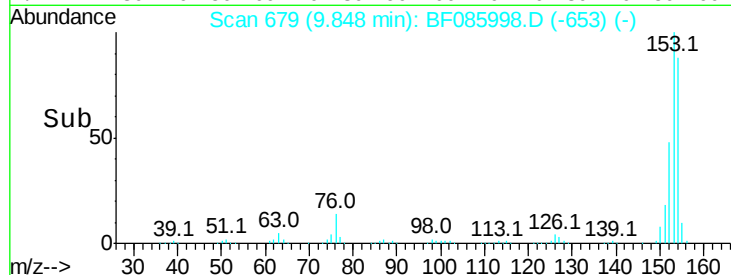
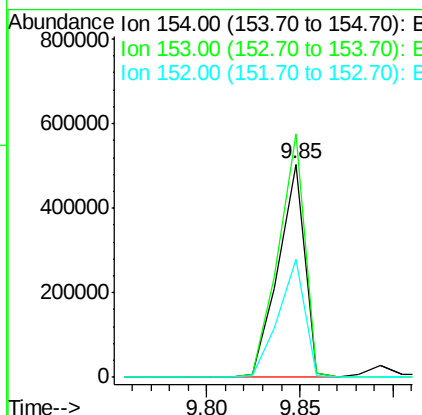
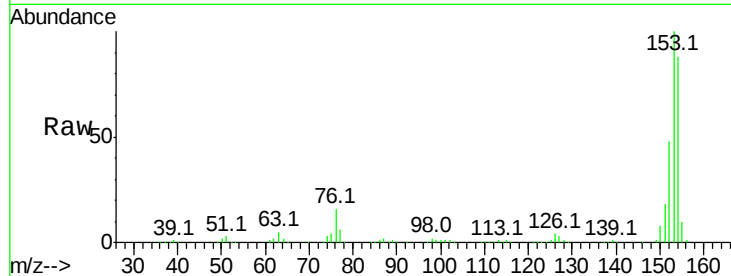
ClientSampleId :

SSTDCCC040

Tot Ion:	154	Resp:	502692
Ion Ratio	Lower	Upper	
154	100		
153	114.1	90.1	135.1
152	55.2	44.2	66.2

Manual Integrations
APPROVED

Sohil
4/4/2016 7:44:32 PM



#52

3-Nitroaniline

Concen: 42.19 ng

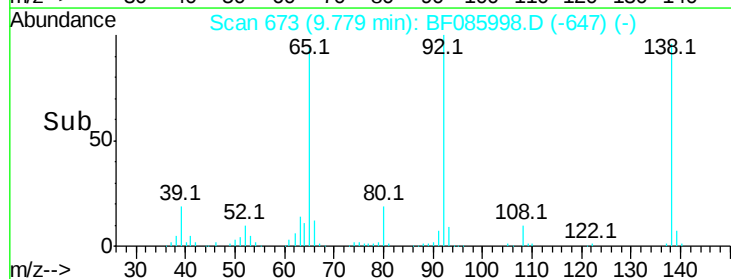
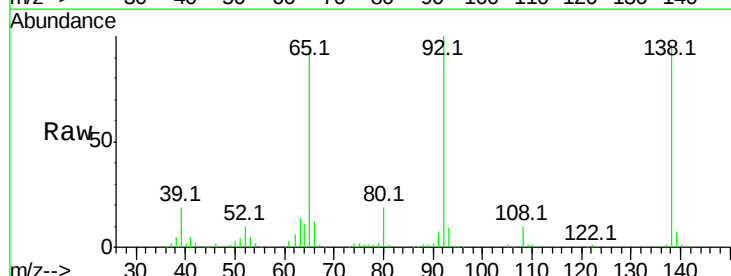
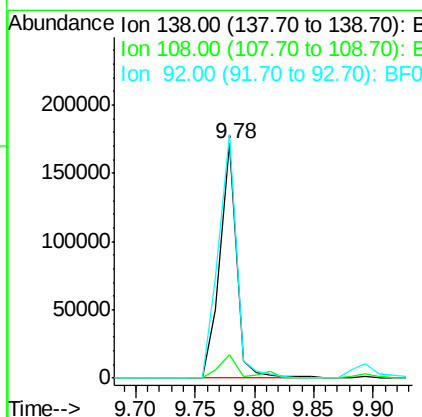
RT: 9.78 min Scan# 673

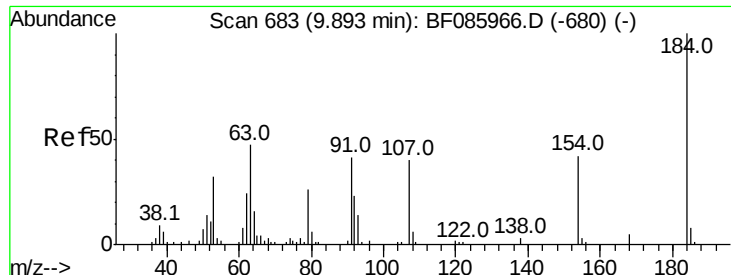
Delta R.T. 0.00 min

Lab File: BF085998.D

Acq: 2 Apr 2016 8:48

Tgt Ion:	138	Resp:	167850
Ion Ratio	Lower	Upper	
138	100		
108	10.0	8.7	13.1
92	104.0	93.3	139.9





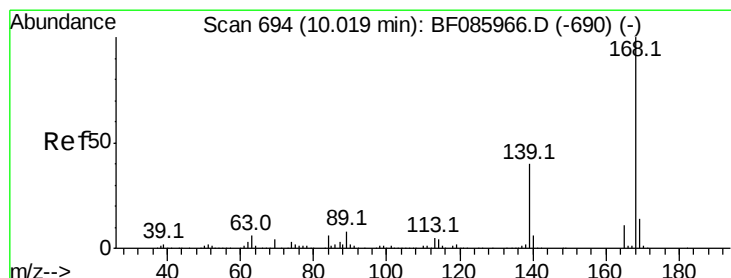
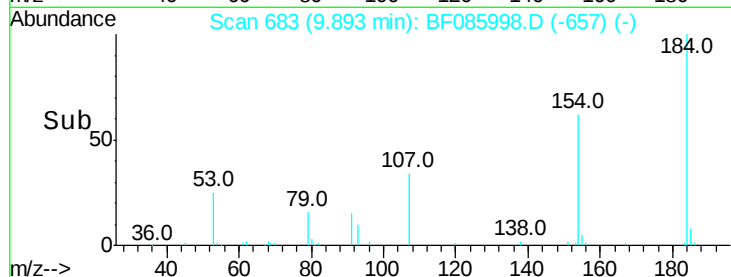
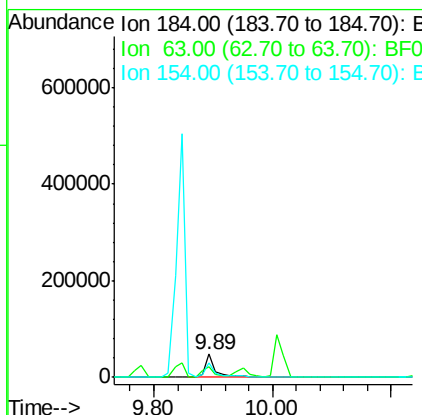
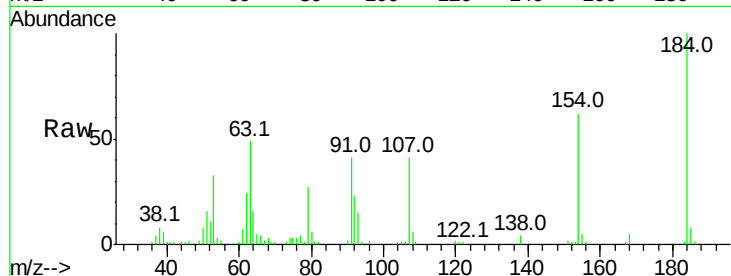
#53
 2,4-Dinitrophenol
 Concen: 38.60 ng
 RT: 9.89 min Scan# 683
 Delta R.T. 0.00 min
 Lab File: BF085998.D
 Acq: 2 Apr 2016 8:48

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
184	100			
63	48.7	69.5	104.3	#
154	62.4	58.3	87.5	

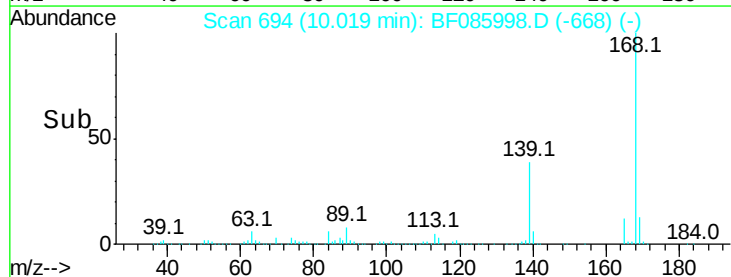
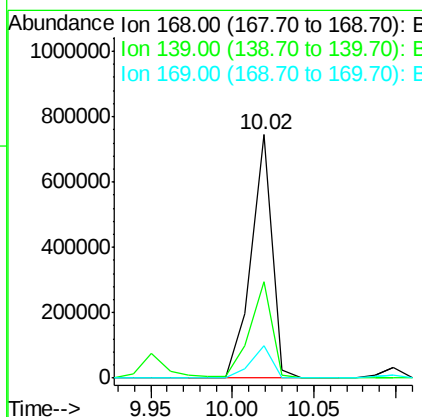
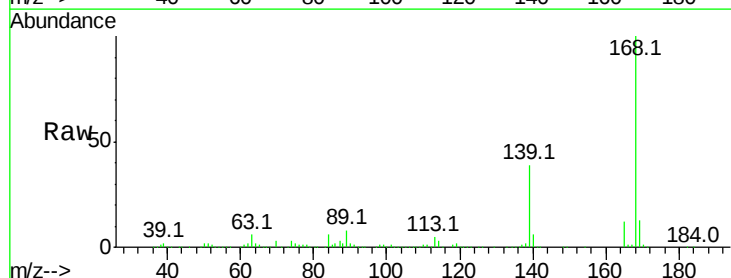
Manual Integrations
 APPROVED

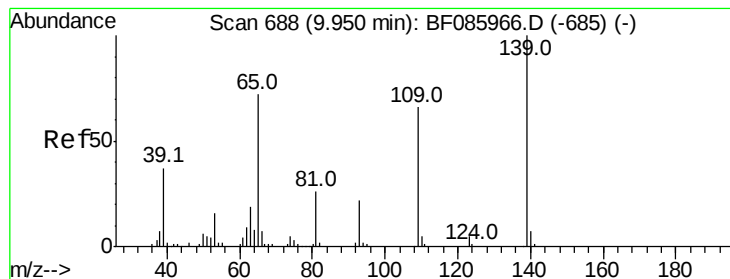
Sohil
 4/4/2016 7:44:32 PM



#54
 Dibenzofuran
 Concen: 40.25 ng
 RT: 10.02 min Scan# 694
 Delta R.T. 0.00 min
 Lab File: BF085998.D
 Acq: 2 Apr 2016 8:48

Tgt Ion	Ratio	Resp	Lower	Upper
168	100			
139	39.4	31.9	47.9	
169	13.2	11.0	16.6	





#55

4-Nitrophenol

Concen: 38.52 ng

RT: 9.95 min Scan# 688

Delta R.T. 0.00 min

Lab File: BF085998.D

Acq: 2 Apr 2016 8:48

Instrument :

BNA_F

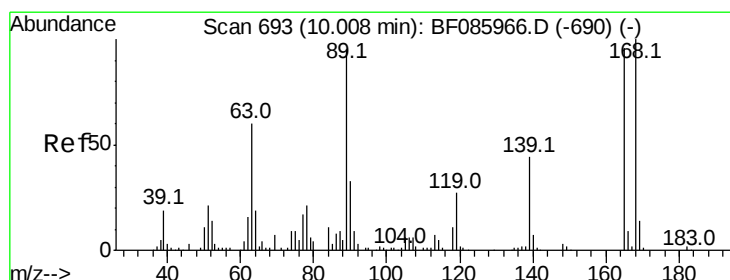
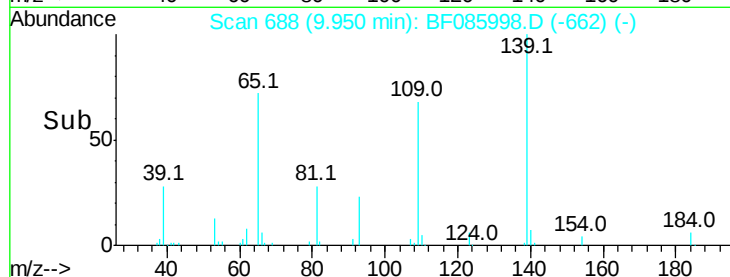
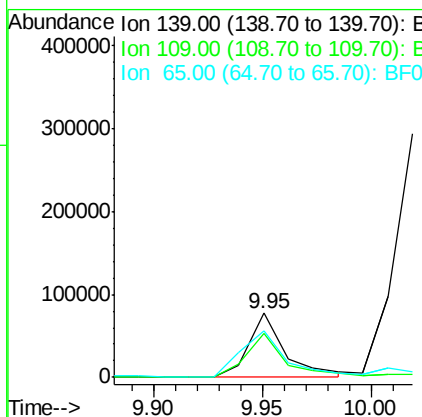
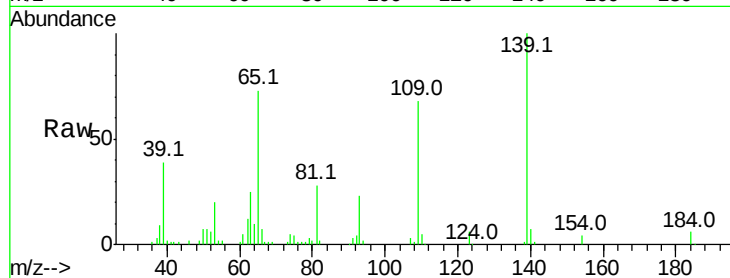
ClientSampleId :

SSTDCCC040

Tot Ion:	139	Resp:	90351
Ion Ratio	Lower	Upper	
139	100		
109	67.9	49.2	89.2
65	73.1	66.9	106.9

Manual Integrations
APPROVED

Sohil
4/4/2016 7:44:32 PM



#56

2,4-Dinitrotoluene

Concen: 38.09 ng

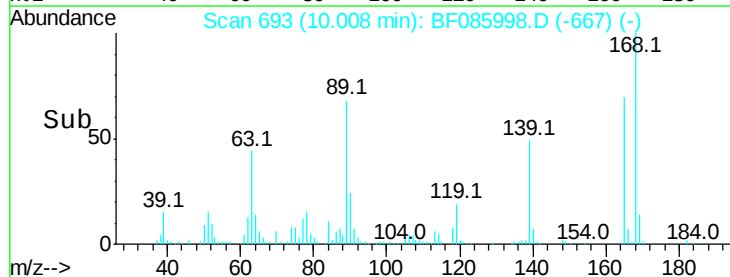
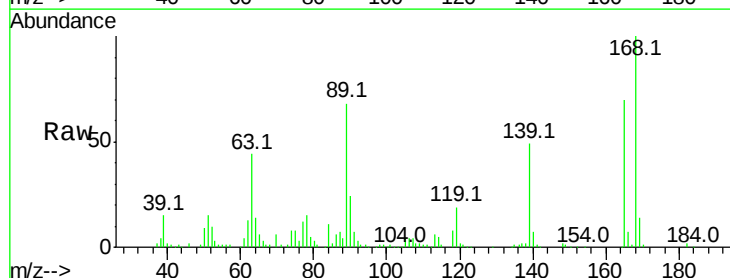
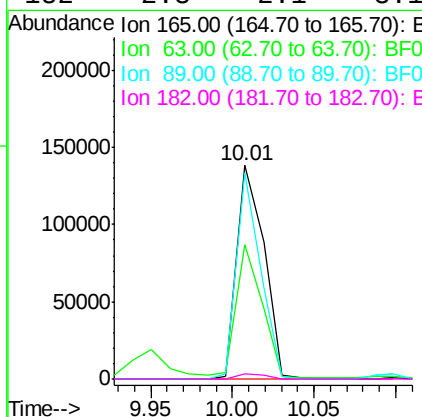
RT: 10.01 min Scan# 693

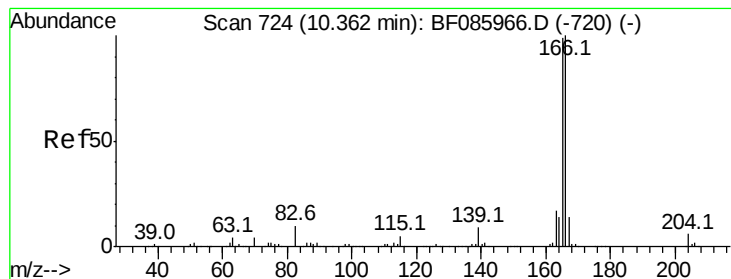
Delta R.T. 0.00 min

Lab File: BF085998.D

Acq: 2 Apr 2016 8:48

Tgt Ion:	165	Resp:	158893
Ion Ratio	Lower	Upper	
165	100		
63	63.2	24.9	37.3#
89	96.7	41.0	61.6#
182	2.3	2.1	3.1





#57

Fluorene

Concen: 40.68 ng

RT: 10.36 min Scan# 724

Delta R.T. 0.00 min

Lab File: BF085998.D

Acq: 2 Apr 2016 8:48

Instrument :

BNA_F

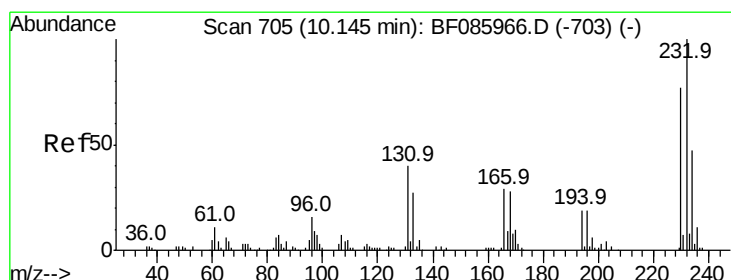
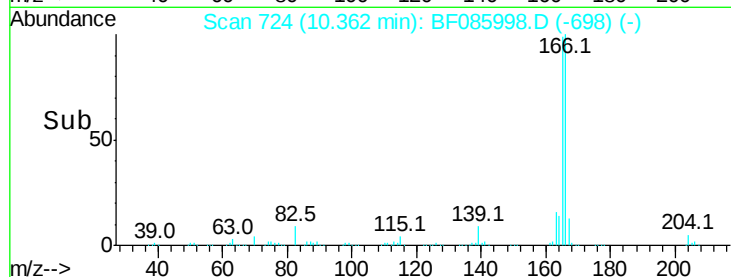
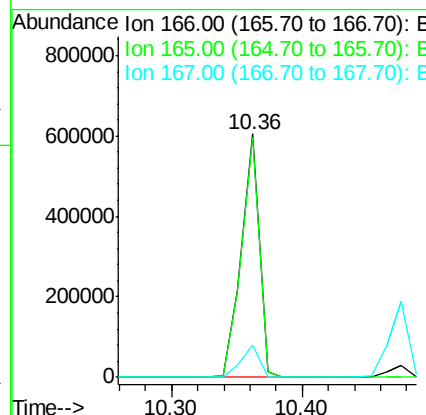
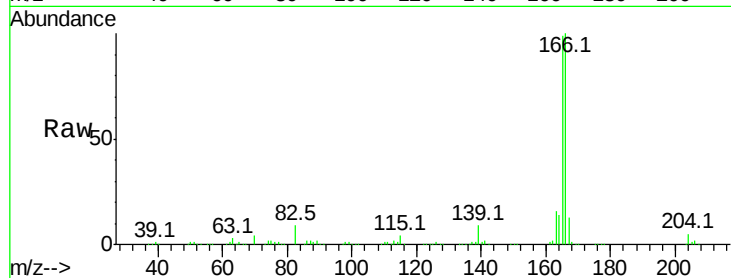
ClientSampleId :

SSTDCCC040

Tot Ion:	166	Resp:	575193
Ion Ratio	Lower	Upper	
166	100		
165	98.6	79.4	119.0
167	13.1	11.0	16.4

Manual Integrations
APPROVED

Sohil
4/4/2016 7:44:32 PM



#58

2,3,4,6-Tetrachlorophenol

Concen: 39.54 ng

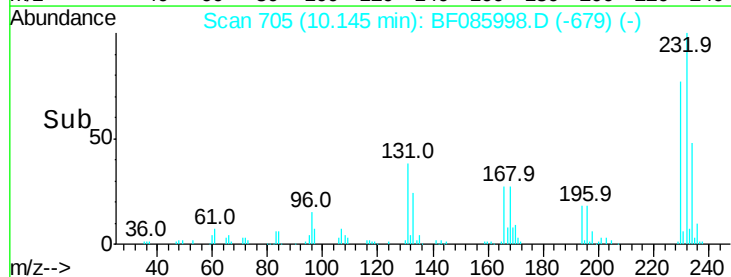
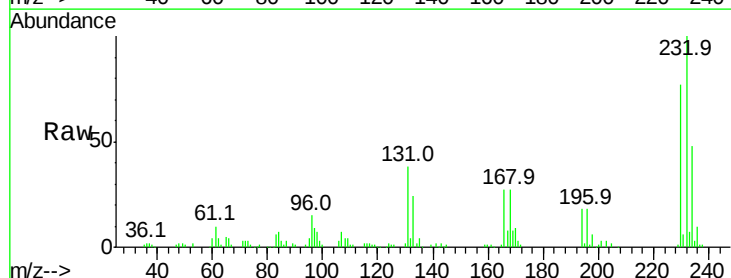
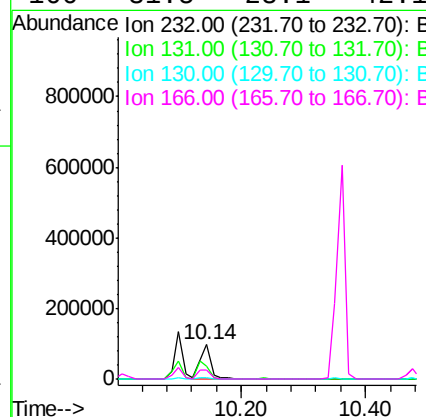
RT: 10.14 min Scan# 705

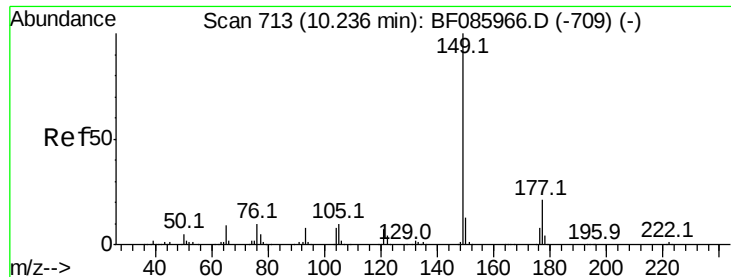
Delta R.T. 0.00 min

Lab File: BF085998.D

Acq: 2 Apr 2016 8:48

Tgt Ion:	232	Resp:	121425
Ion Ratio	Lower	Upper	
232	100		
131	53.5	44.9	67.3
130	2.4	2.3	3.5
166	31.5	28.1	42.1





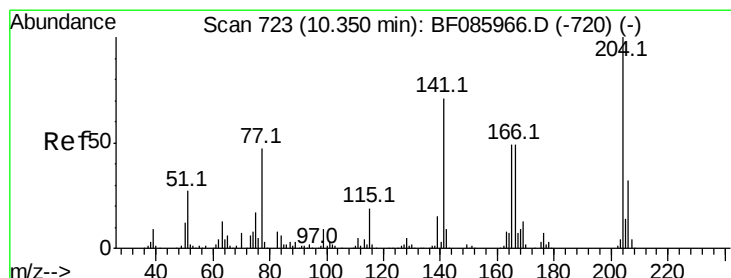
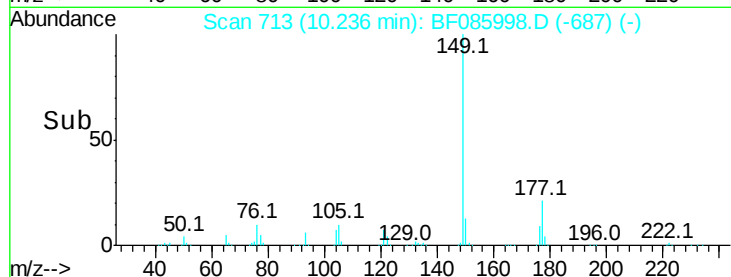
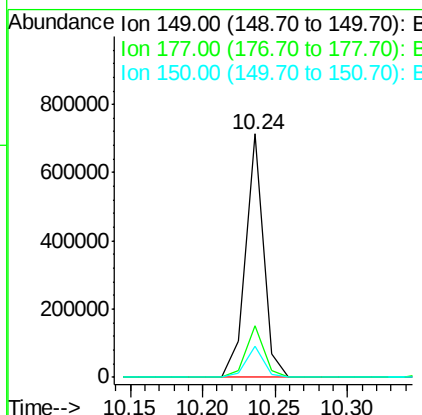
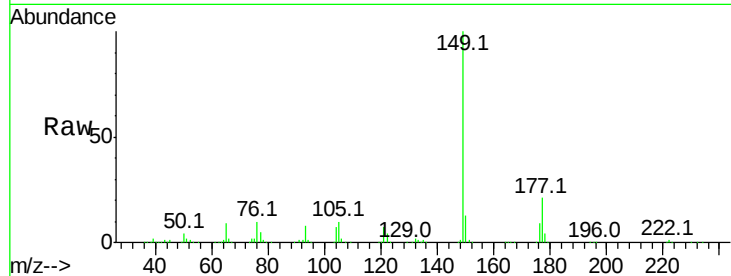
#59
Diethylphthalate
Concen: 38.96 ng
RT: 10.24 min Scan# 713
Delta R.T. 0.00 min
Lab File: BF085998.D
Acq: 2 Apr 2016 8:48

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
149	100	613563		
177	21.2	17.9	26.9	
150	12.9	10.2	15.2	

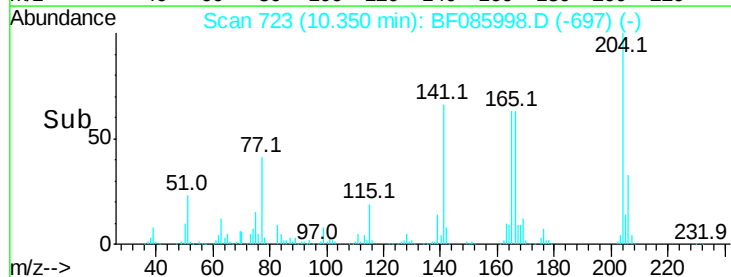
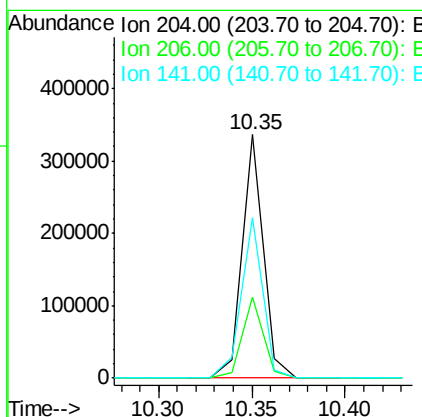
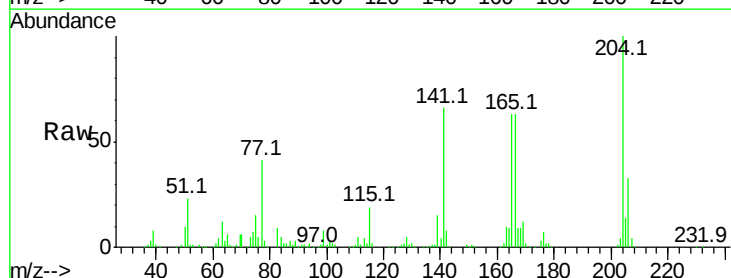
Manual Integrations
APPROVED

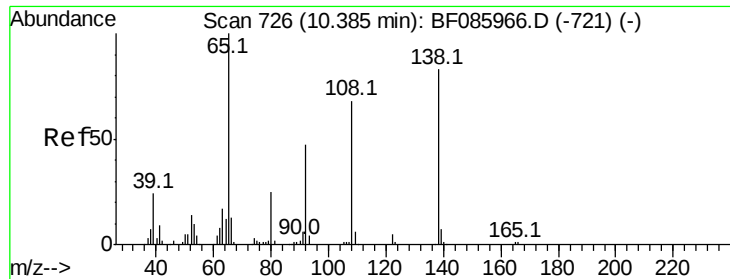
Sohil
4/4/2016 7:44:32 PM



#60
4-Chlorophenyl-phenylether
Concen: 40.62 ng
RT: 10.35 min Scan# 723
Delta R.T. 0.00 min
Lab File: BF085998.D
Acq: 2 Apr 2016 8:48

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	267530		
206	33.1	26.6	39.8	
141	65.9	57.4	86.0	





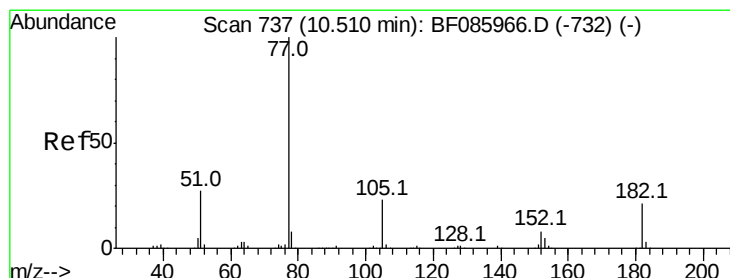
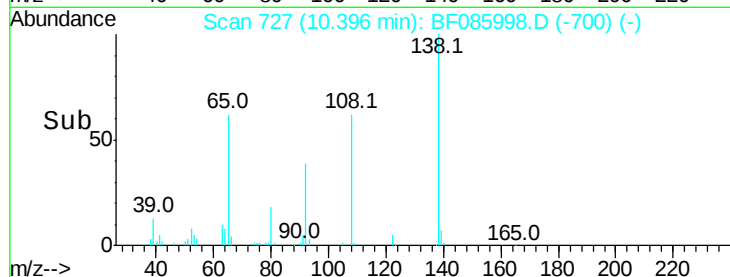
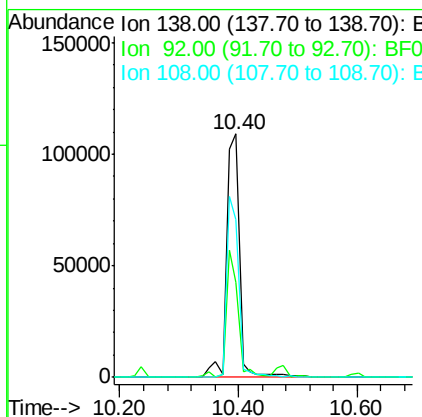
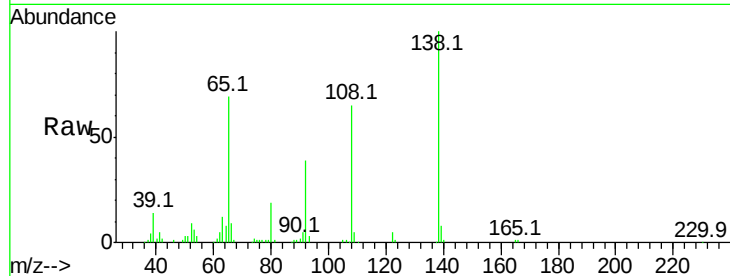
#61
4-Nitroaniline
Concen: 42.44 ng
RT: 10.40 min Scan# 727
Delta R.T. 0.01 min
Lab File: BF085998.D
Acq: 2 Apr 2016 8:48

Instrument :
BNA_F
ClientSampled :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
138	100	166288		
92	39.2	26.4	66.4	
108	64.6	49.0	89.0	

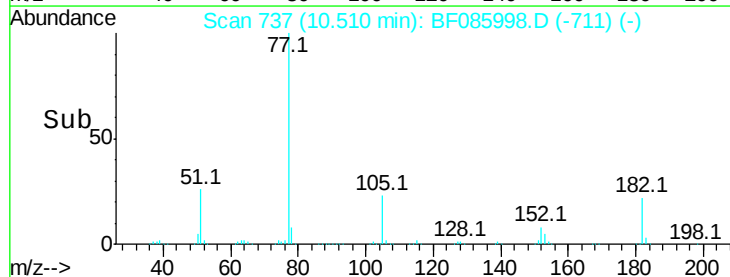
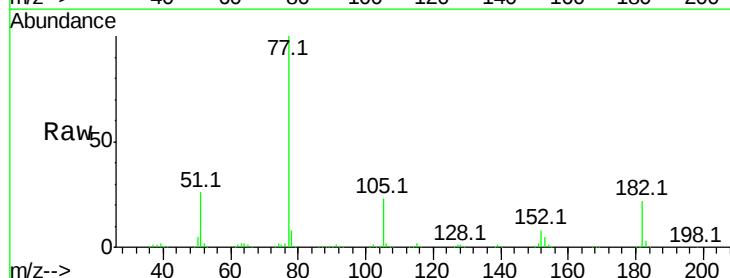
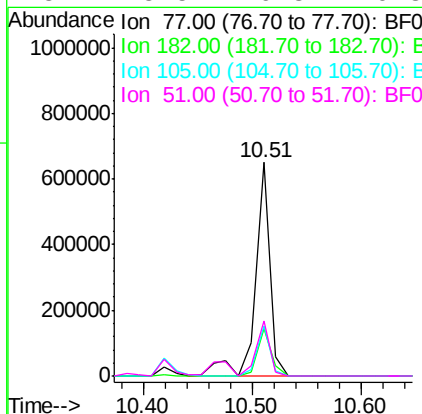
Manual Integrations
APPROVED

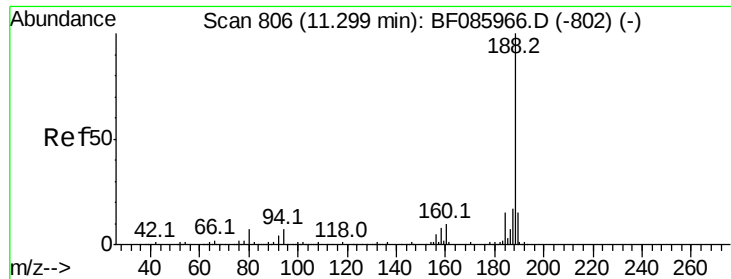
Sohil
4/4/2016 7:44:32 PM



#62
Azobenzene
Concen: 40.87 ng
RT: 10.51 min Scan# 737
Delta R.T. 0.00 min
Lab File: BF085998.D
Acq: 2 Apr 2016 8:48

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	616408		
182	22.2	1.9	41.9	
105	23.3	3.5	43.5	
51	25.5	6.3	46.3	





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.29 min Scan# 805

Delta R.T. -0.01 min

Lab File: BF085998.D

Acq: 2 Apr 2016 8:48

Instrument :

BNA_F

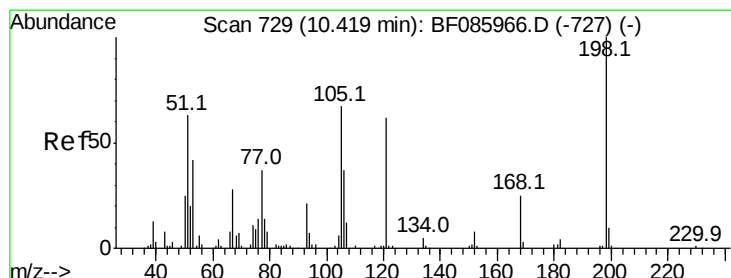
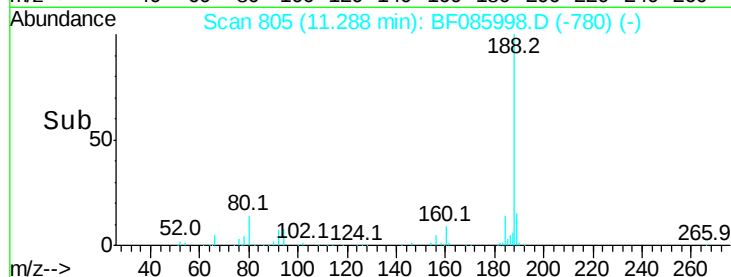
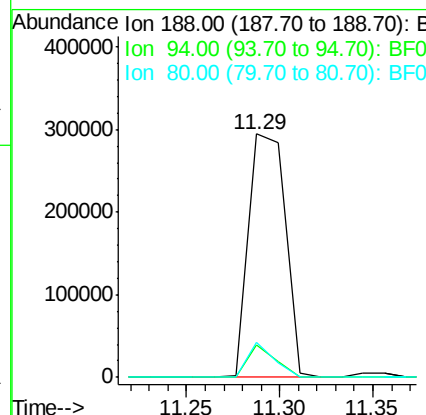
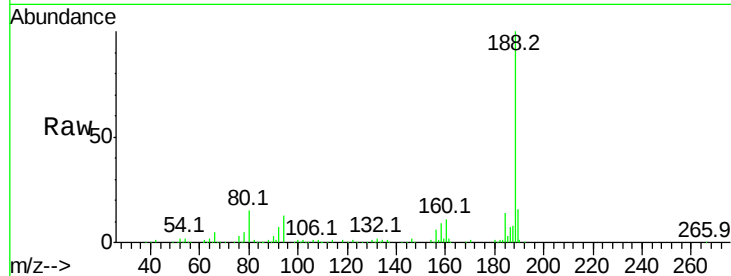
ClientSampleId :

SSTDCCC040

Tot Ion:	188	Resp:	403175
Ion Ratio	Lower	Upper	
188	100		
94	13.5	5.4	8.0#
80	14.6	5.5	8.3#

Manual Integrations
APPROVED

Sohil
4/4/2016 7:44:32 PM



#64

4,6-Dinitro-2-methylphenol

Concen: 39.95 ng

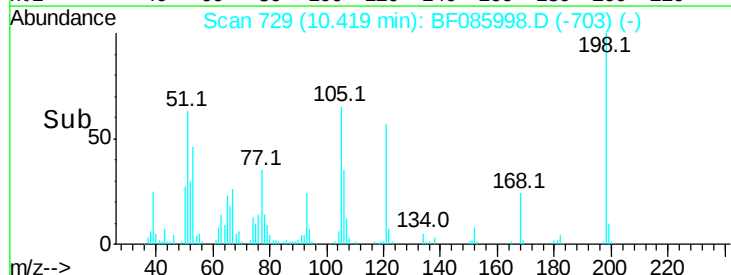
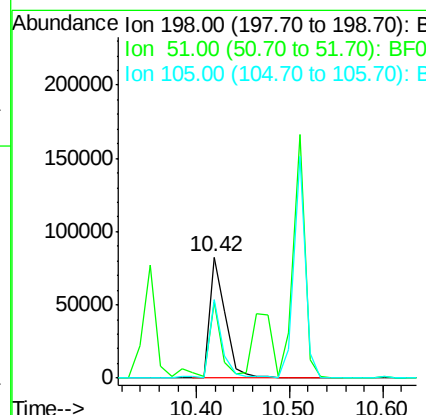
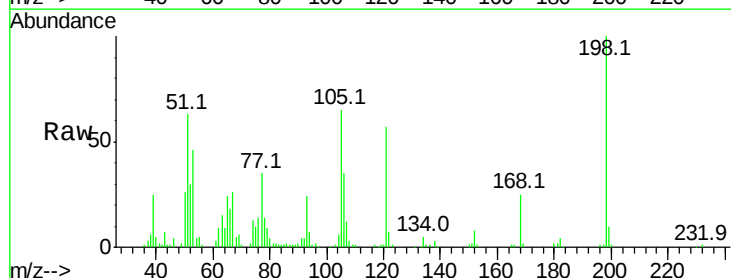
RT: 10.42 min Scan# 729

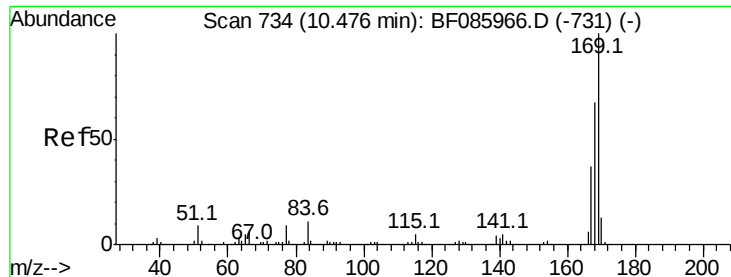
Delta R.T. 0.00 min

Lab File: BF085998.D

Acq: 2 Apr 2016 8:48

Tgt Ion:	198	Resp:	97612
Ion Ratio	Lower	Upper	
198	100		
51	62.7	45.4	85.4
105	65.1	45.9	85.9





#65

n-Nitrosodiphenylamine

Concen: 40.49 ng

RT: 10.48 min Scan# 734

Delta R.T. 0.00 min

Lab File: BF085998.D

Acq: 2 Apr 2016 8:48

Instrument :

BNA_F

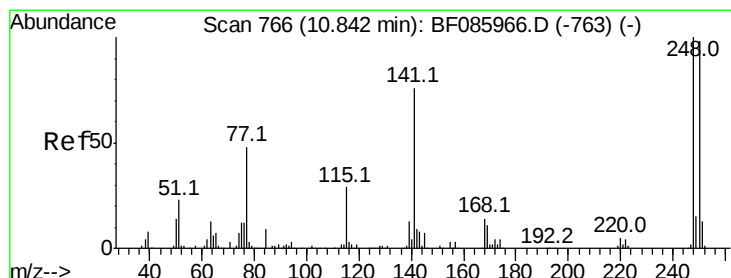
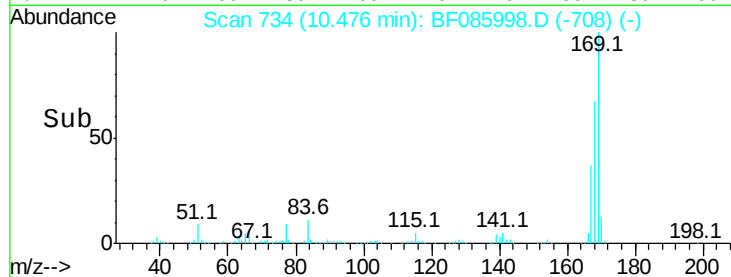
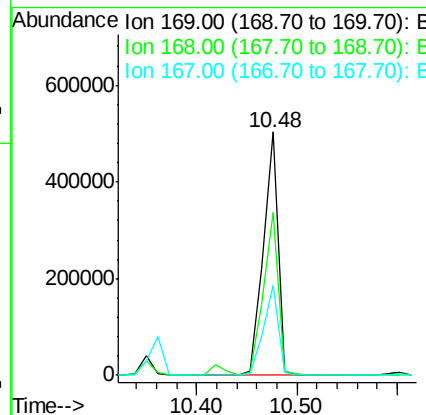
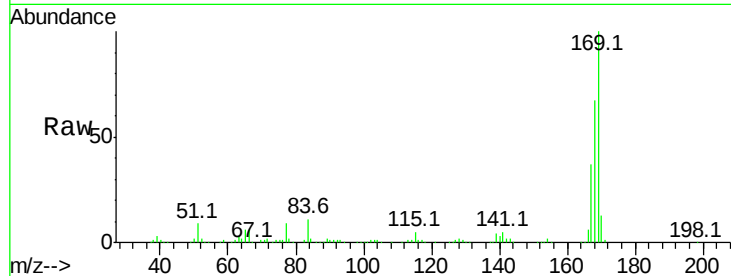
ClientSampleId :

SSTDCCC040

Tot Ion:	169	Resp:	510537
Ion Ratio	Lower	Upper	
169	100		
168	66.8	54.4	81.6
167	37.2	29.4	44.0

Manual Integrations
APPROVED

Sohil
4/4/2016 7:44:32 PM



#66

4-Bromophenyl-phenylether

Concen: 40.76 ng

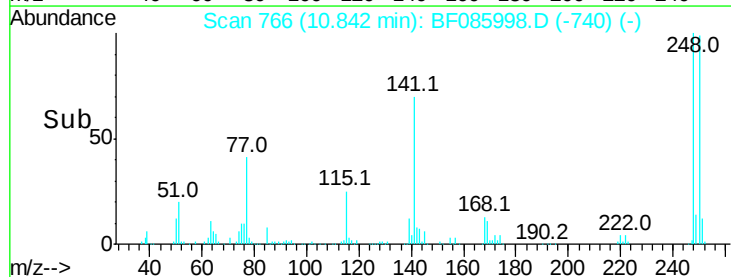
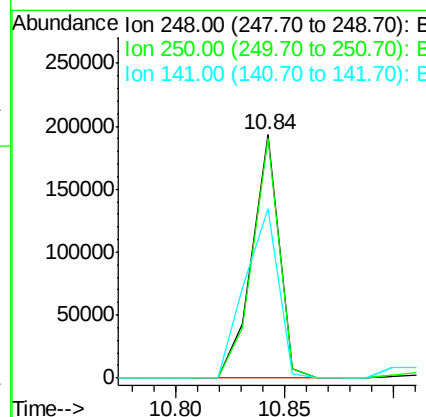
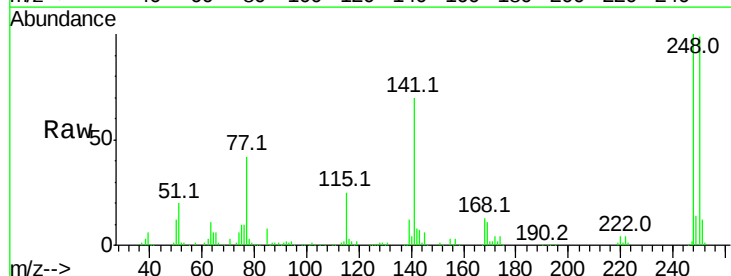
RT: 10.84 min Scan# 766

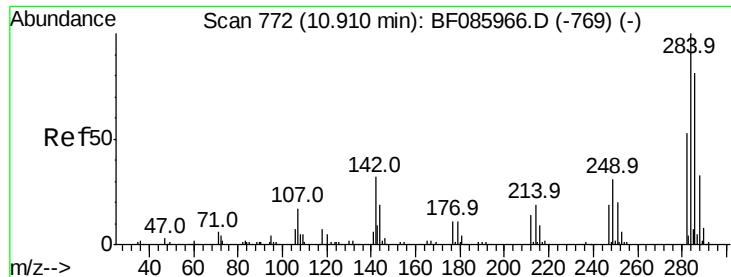
Delta R.T. 0.00 min

Lab File: BF085998.D

Acq: 2 Apr 2016 8:48

Tgt Ion:	248	Resp:	167769
Ion Ratio	Lower	Upper	
248	100		
250	98.6	77.4	116.0
141	69.6	63.6	95.4





#67

Hexachlorobenzene

Concen: 41.60 ng

RT: 10.91 min Scan# 772

Delta R.T. 0.00 min

Lab File: BF085998.D

Acq: 2 Apr 2016 8:48

Instrument :

BNA_F

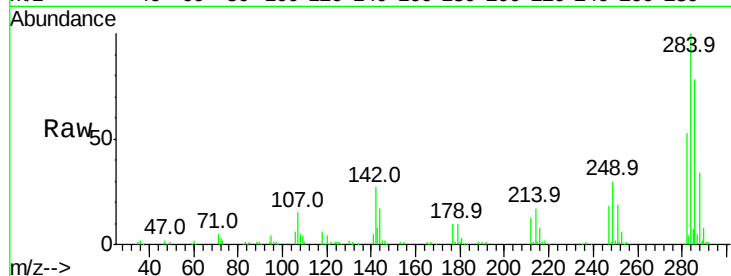
ClientSampleId :

SSTDCCC040

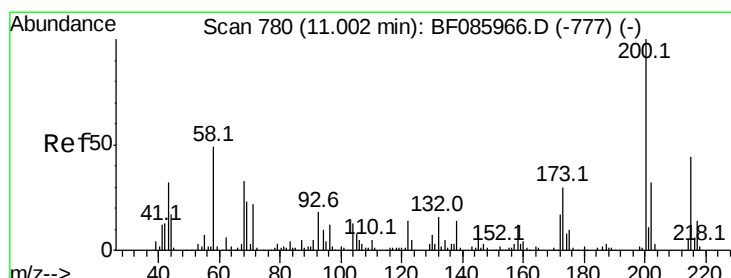
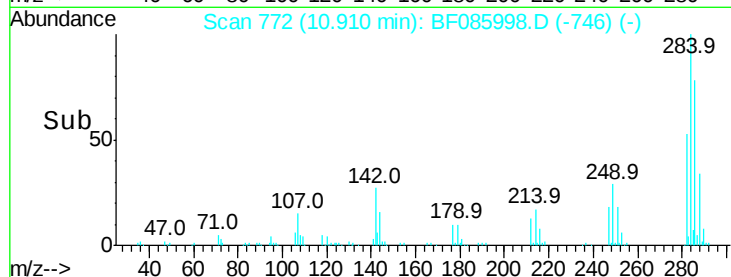
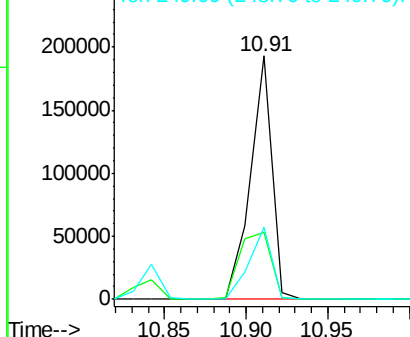
Tot Ion:	284	Resp:	177057
Ion Ratio		Lower	Upper
284	100		
142	27.3	23.1	34.7
249	29.5	24.2	36.2

Manual Integrations
APPROVED

Sohil
4/4/2016 7:44:32 PM



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



#68

Atrazine

Concen: 38.33 ng

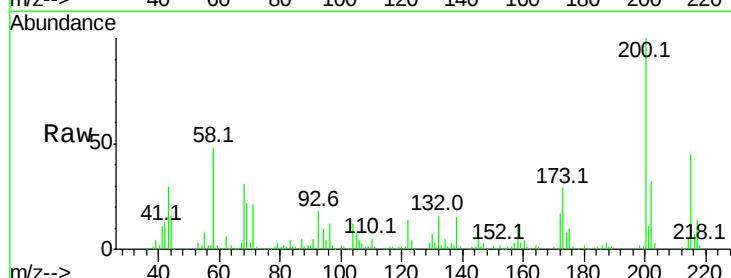
RT: 11.00 min Scan# 780

Delta R.T. 0.00 min

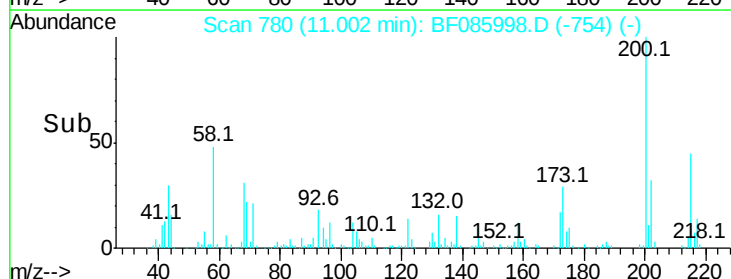
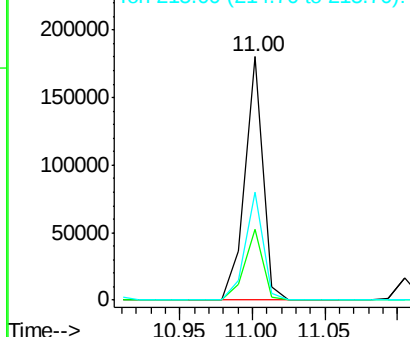
Lab File: BF085998.D

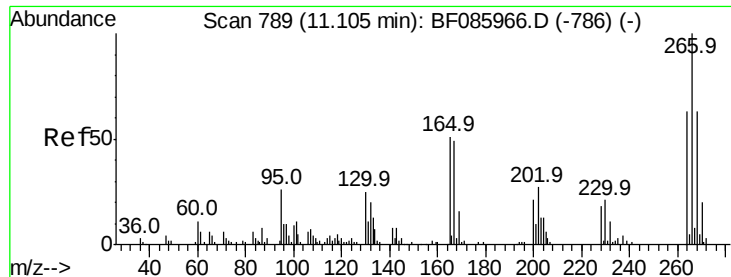
Acq: 2 Apr 2016 8:48

Tgt Ion:	200	Resp:	156165
Ion Ratio		Lower	Upper
200	100		
173	29.2	7.7	47.7
215	44.6	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





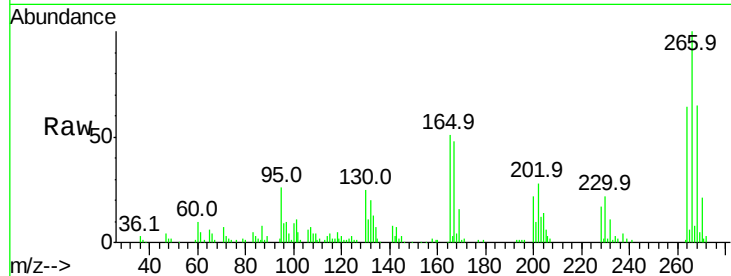
#69
 Pentachlorophenol
 Concen: 40.51 ng
 RT: 11.10 min Scan# 789
 Delta R.T. 0.00 min
 Lab File: BF085998.D
 Acq: 2 Apr 2016 8:48

Instrument :
 BNA_F
 ClientSampled :
 SSTDCCC040

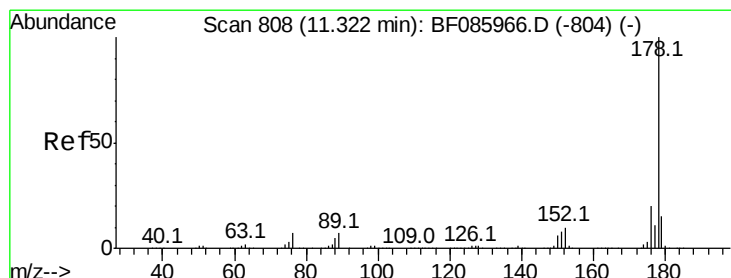
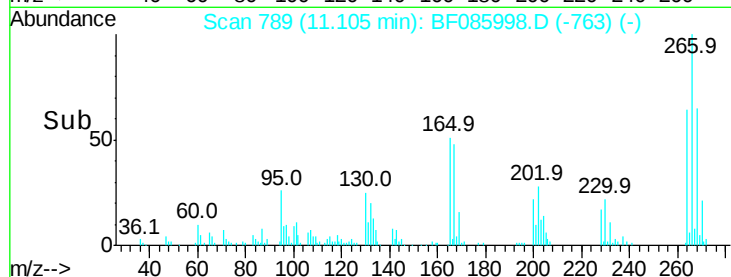
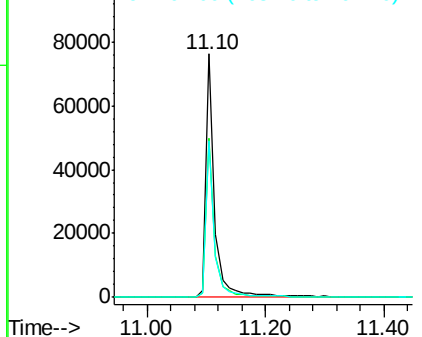
Tot Ion	Ratio	Resp	Lower	Upper
266	100	80822		
268	65.2		51.5	77.3
264	64.1		50.6	76.0

Manual Integrations
 APPROVED

Sohil
 4/4/2016 7:44:32 PM

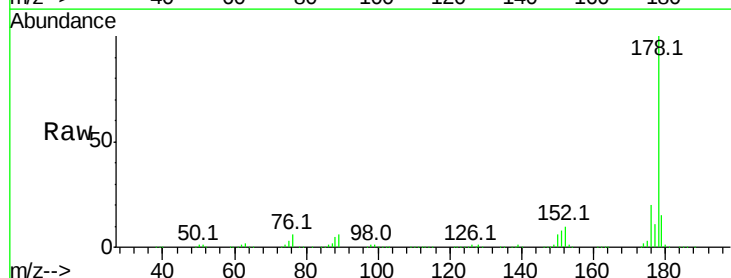


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

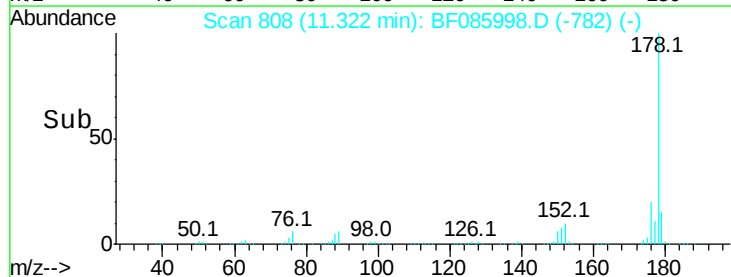
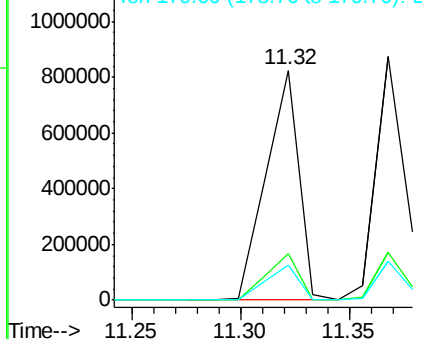


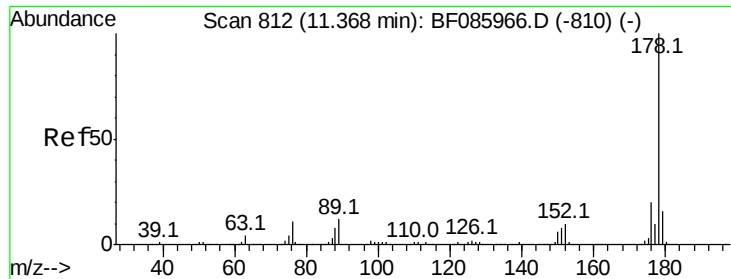
#70
 Phenanthrene
 Concen: 39.58 ng
 RT: 11.32 min Scan# 808
 Delta R.T. 0.00 min
 Lab File: BF085998.D
 Acq: 2 Apr 2016 8:48

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	870600		
176	20.1		16.3	24.5
179	15.5		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





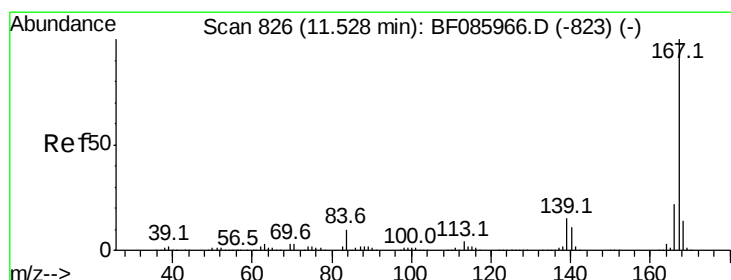
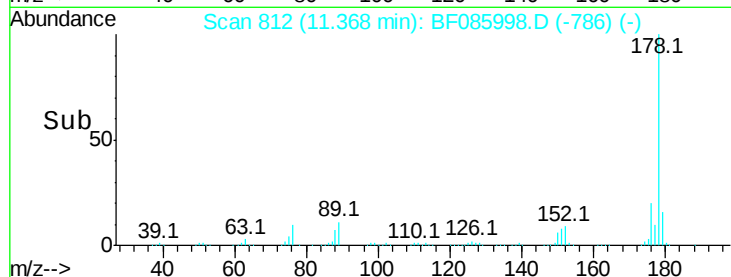
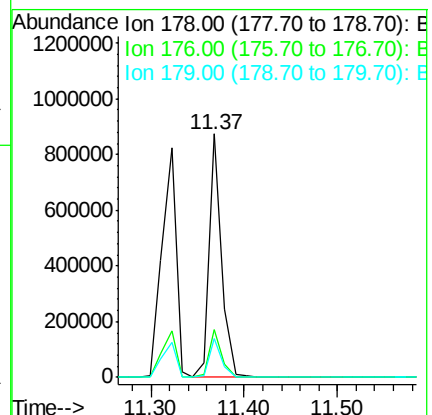
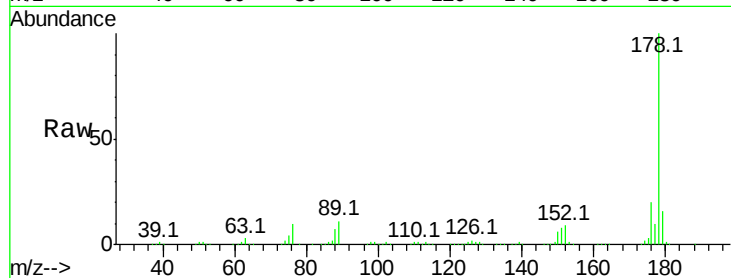
#71
 Anthracene
 Concen: 35.49 ng
 RT: 11.37 min Scan# 812
 Delta R.T. 0.00 min
 Lab File: BF085998.D
 Acq: 2 Apr 2016 8:48

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.7	15.9	23.9
179	16.0	13.0	19.4

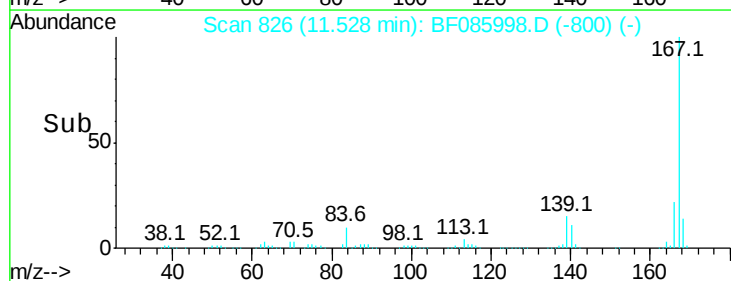
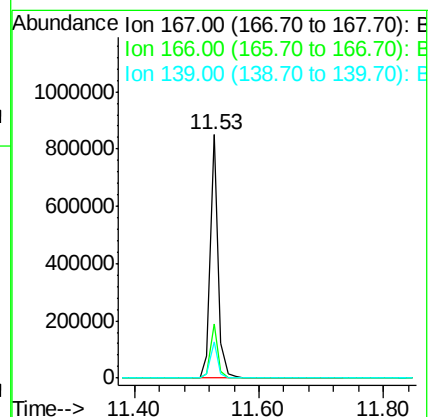
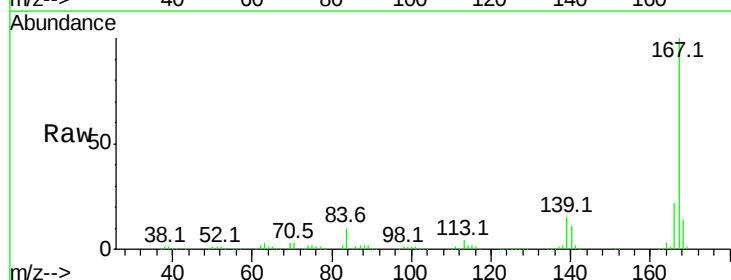
Manual Integrations
 APPROVED

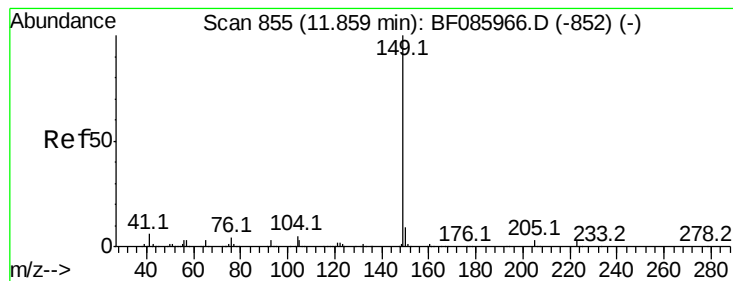
Sohil
 4/4/2016 7:44:32 PM



#72
 Carbazole
 Concen: 37.60 ng
 RT: 11.53 min Scan# 826
 Delta R.T. 0.00 min
 Lab File: BF085998.D
 Acq: 2 Apr 2016 8:48

Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.1	17.8	26.8
139	14.8	11.6	17.4





#73

Di-n-butylphthalate

Concen: 41.55 ng

RT: 11.86 min Scan# 855

Delta R.T. 0.00 min

Lab File: BF085998.D

Acq: 2 Apr 2016 8:48

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:149 Resp: 1019656

Ion Ratio Lower Upper

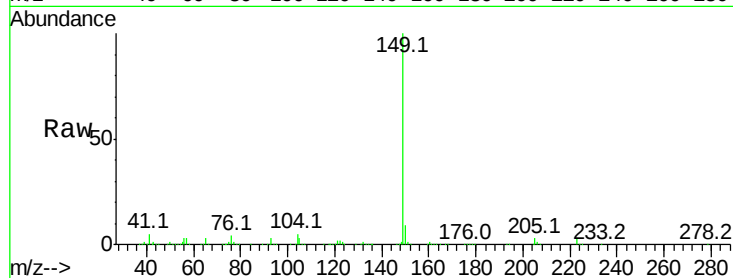
149 100

150 9.4 7.6 11.4

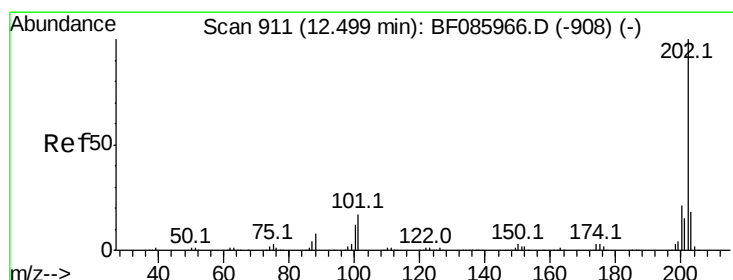
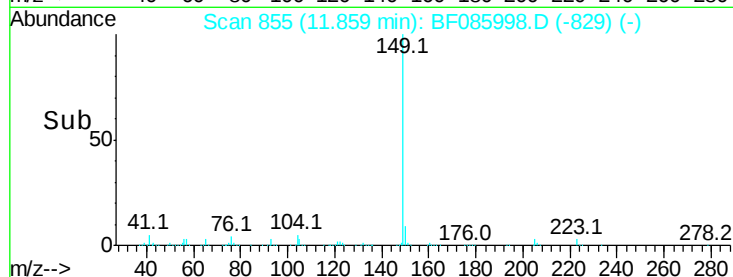
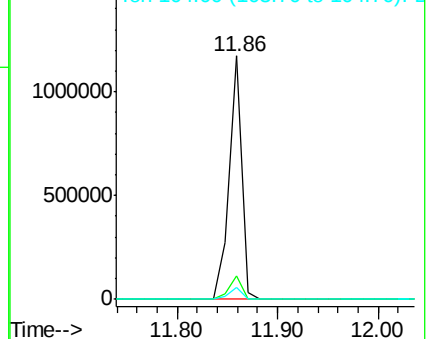
104 4.7 3.8 5.8

Manual Integrations
APPROVED

Sohil
4/4/2016 7:44:32 PM



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: 37.37 ng

RT: 12.50 min Scan# 911

Delta R.T. 0.00 min

Lab File: BF085998.D

Acq: 2 Apr 2016 8:48

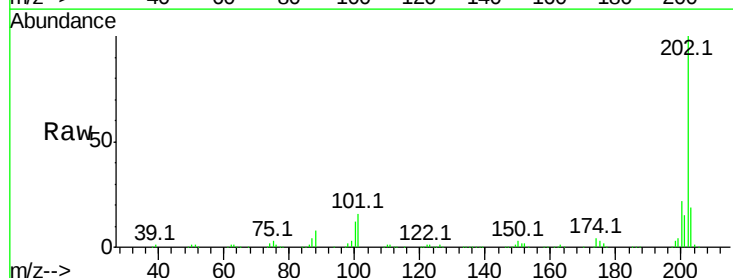
Tgt Ion:202 Resp: 854948

Ion Ratio Lower Upper

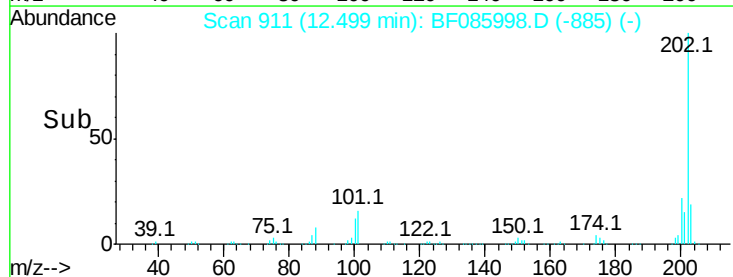
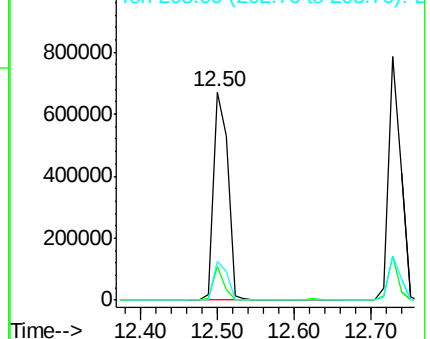
202 100

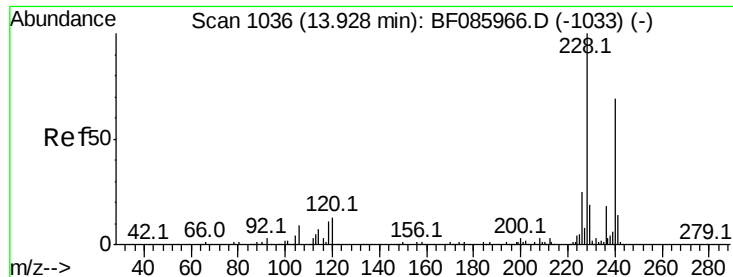
101 16.4 0.0 36.6

203 18.6 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: 13.93 min Scan# 1036

Delta R.T. 0.00 min

Lab File: BF085998.D

Acq: 2 Apr 2016 8:48

Instrument :

BNA_F

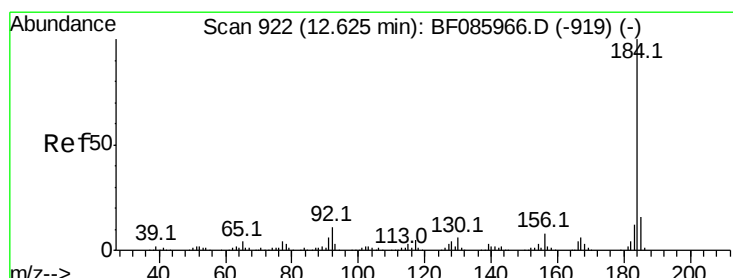
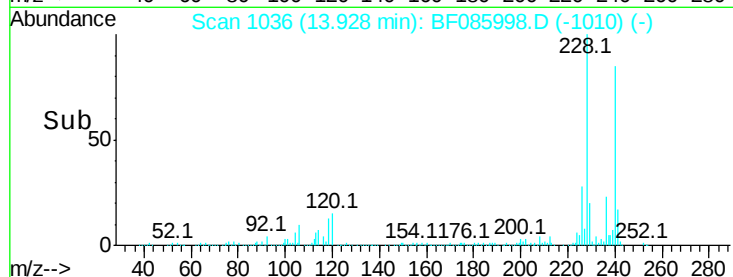
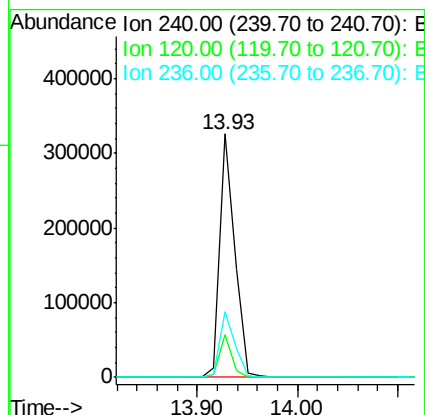
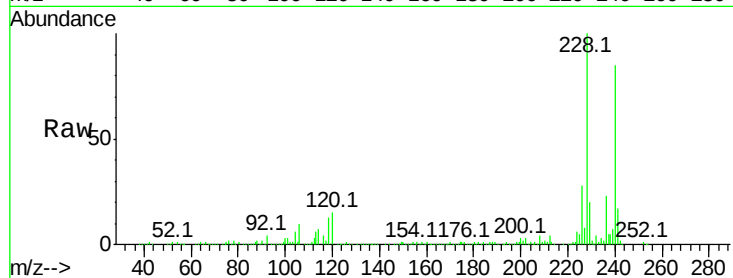
ClientSampleId :

SSTDCCC040

Tot Ion:	240	Resp:	339016
Ion Ratio	Lower	Upper	
240	100		
120	17.4	13.8	20.8
236	27.0	20.6	30.8

Manual Integrations
APPROVED

Sohil
4/4/2016 7:44:32 PM



#76

Benzidine

Concen: 36.65 ng

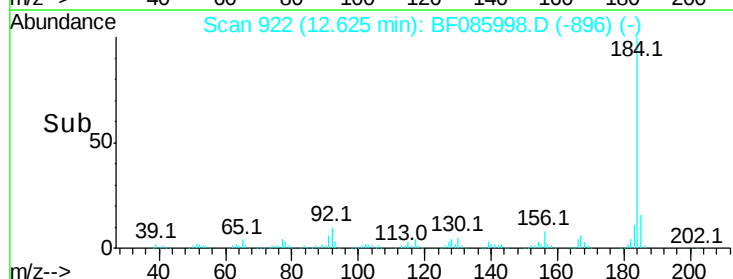
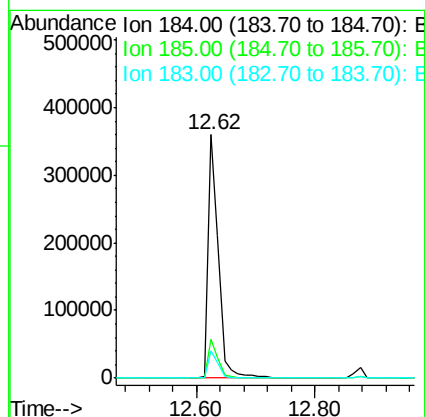
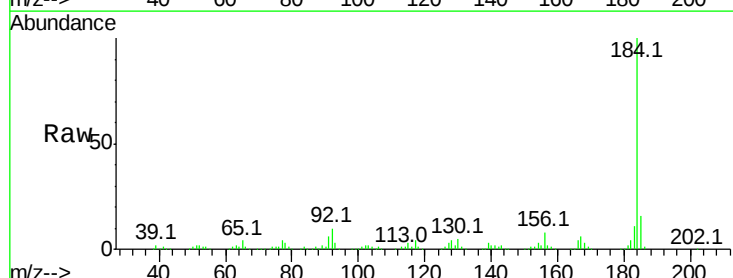
RT: 12.62 min Scan# 922

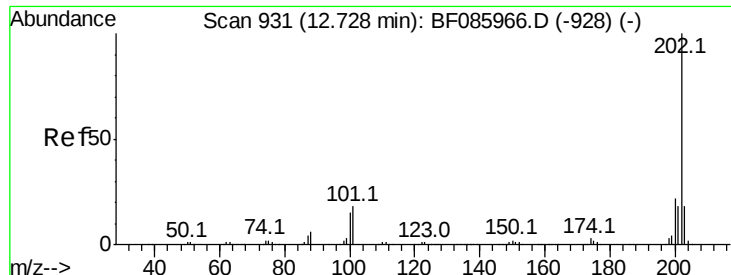
Delta R.T. 0.00 min

Lab File: BF085998.D

Acq: 2 Apr 2016 8:48

Tgt Ion:	184	Resp:	438339
Ion Ratio	Lower	Upper	
184	100		
185	15.8	12.4	18.6
183	11.3	9.4	14.2





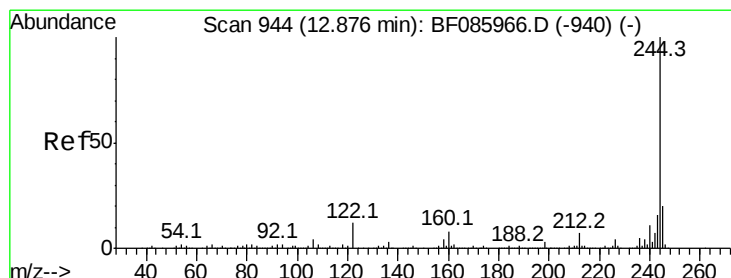
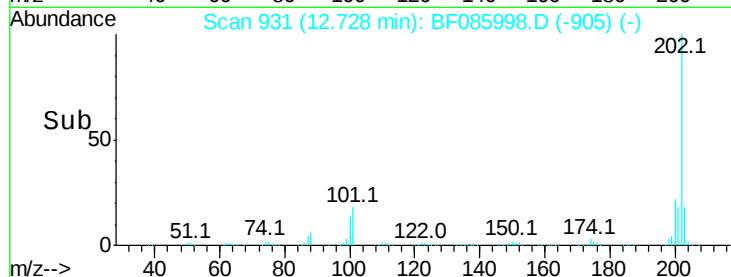
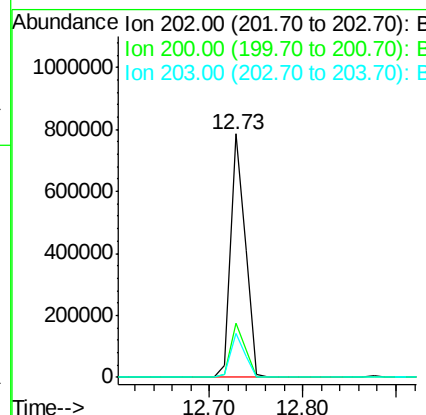
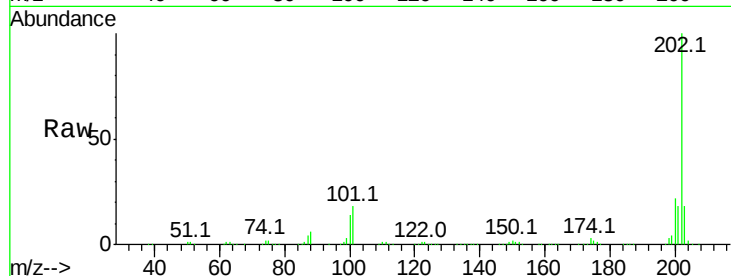
#77
Pvrene
Concen: 35.95 ng
RT: 12.73 min Scan# 931
Delta R.T. 0.00 min
Lab File: BF085998.D
Acq: 2 Apr 2016 8:48

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
202	100	858825		
200	22.0		17.6	26.4
203	17.9		14.0	21.0

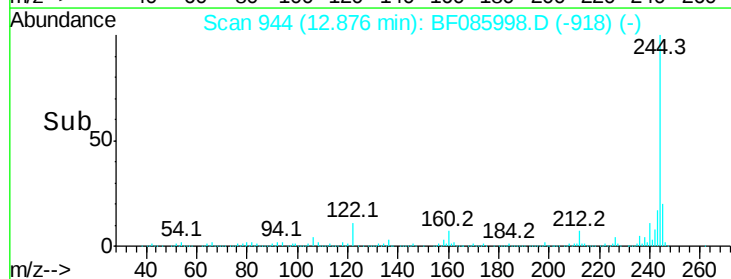
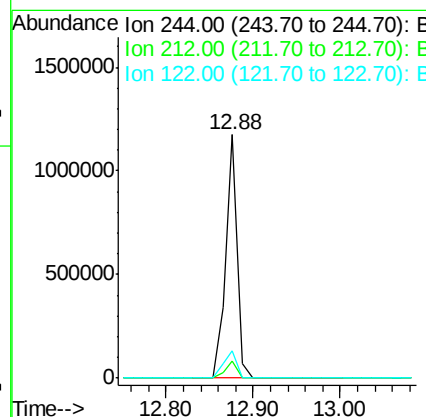
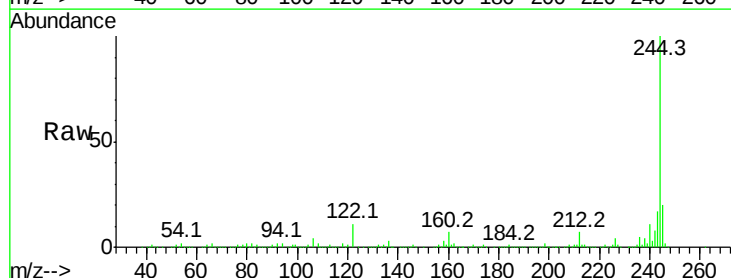
Manual Integrations
APPROVED

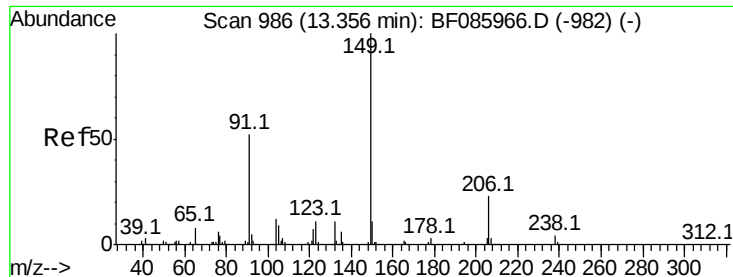
Sohil
4/4/2016 7:44:32 PM



#78
Terphenyl-d14
Concen: 76.11 ng
RT: 12.88 min Scan# 944
Delta R.T. 0.00 min
Lab File: BF085998.D
Acq: 2 Apr 2016 8:48

Tgt Ion	Ratio	Resp	Lower	Upper
244	100	1097702		
212	7.1		6.1	9.1
122	11.2		10.2	15.4





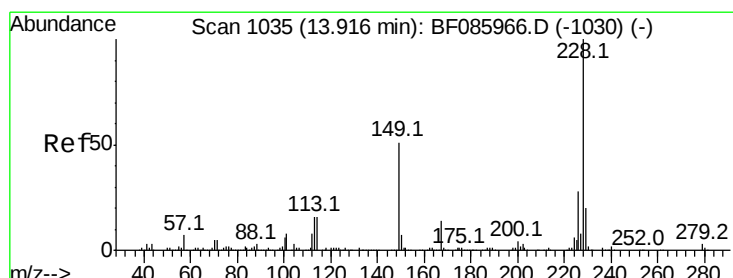
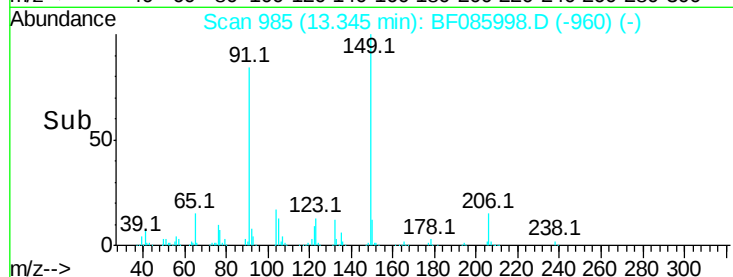
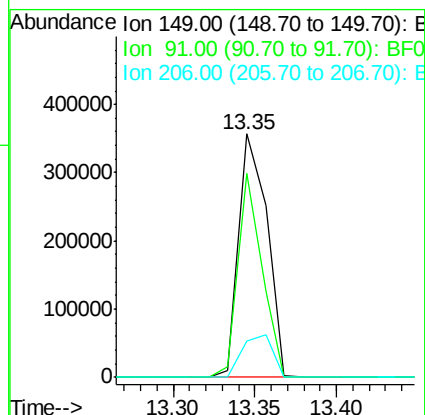
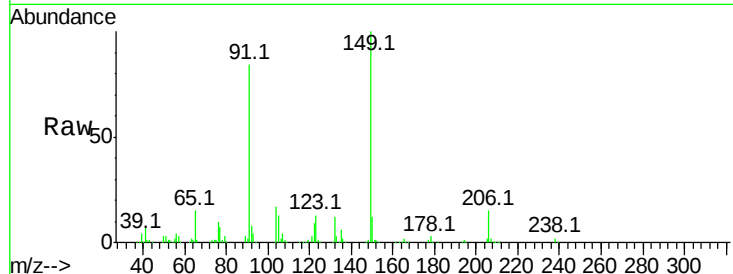
#79
Butylbenzylphthalate
Concen: 39.69 ng
RT: 13.35 min Scan# 985
Delta R.T. -0.01 min
Lab File: BF085998.D
Acq: 2 Apr 2016 8:48

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp Lower	Upper
149	100		
91	83.8	45.8	68.8#
206	14.9	17.8	26.8#

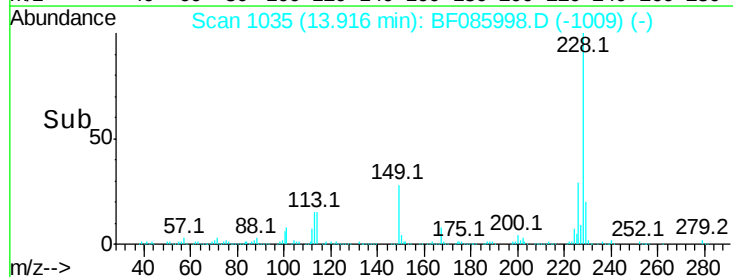
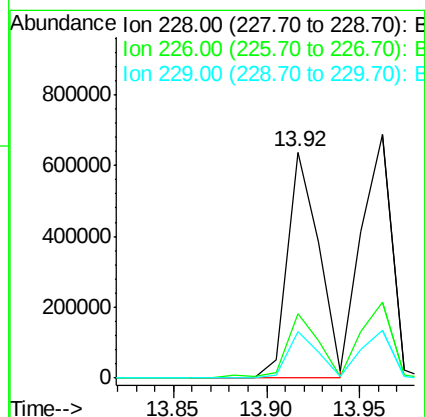
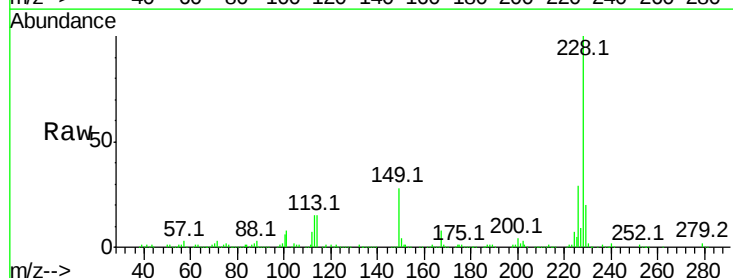
Manual Integrations
APPROVED

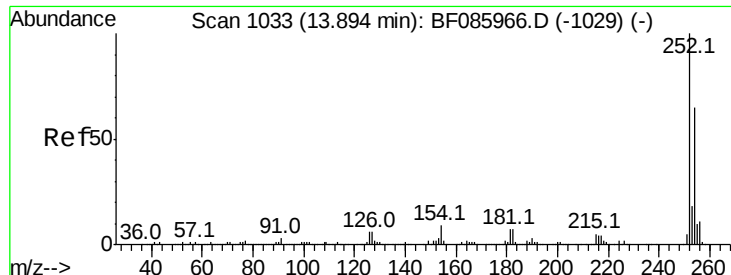
Sohil
4/4/2016 7:44:32 PM



#80
Benzo(a)anthracene
Concen: 37.53 ng
RT: 13.92 min Scan# 1035
Delta R.T. 0.00 min
Lab File: BF085998.D
Acq: 2 Apr 2016 8:48

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
226	28.6	22.1	33.1
229	20.3	16.2	24.4





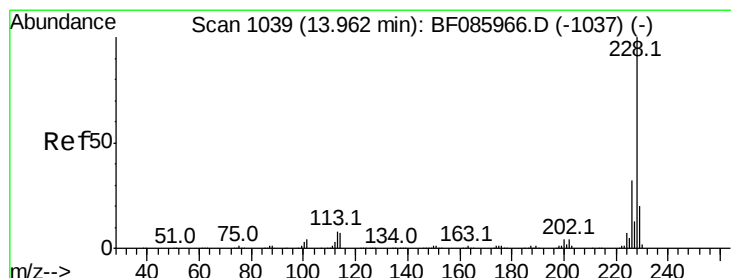
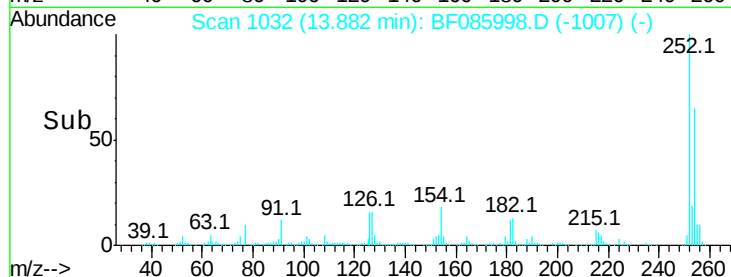
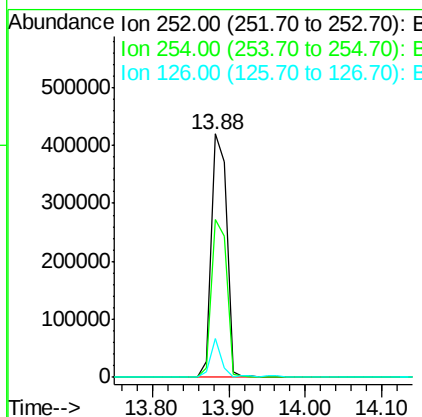
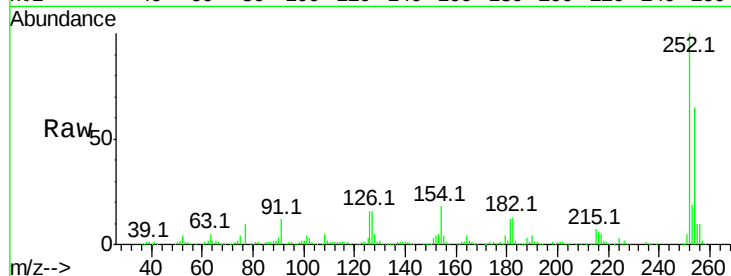
#81
 3,3'-Dichlorobenzidine
 Concen: 39.48 ng
 RT: 13.88 min Scan# 1032
 Delta R.T. -0.01 min
 Lab File: BF085998.D
 Acq: 2 Apr 2016 8:48

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
252	100	576258		
254	64.6		50.7	76.1
126	15.9		11.8	17.6

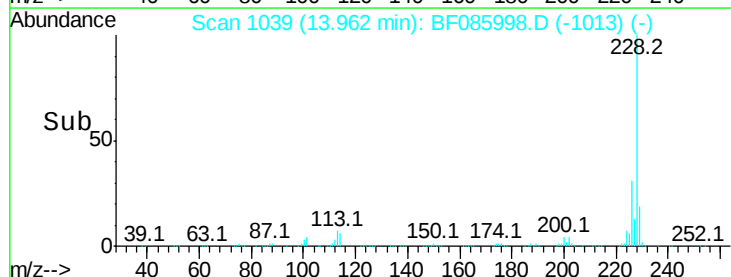
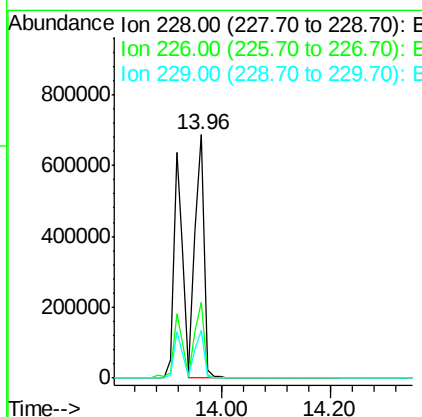
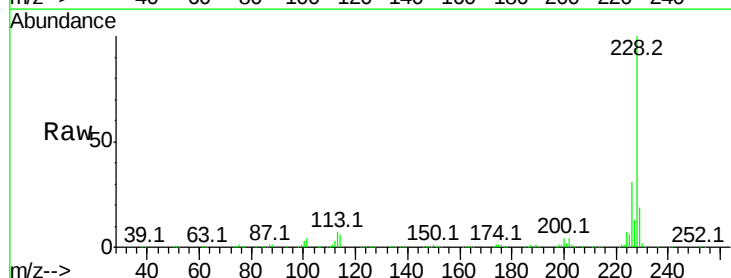
Manual Integrations
 APPROVED

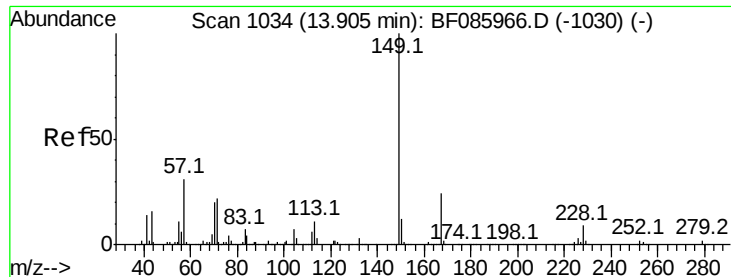
Sohil
 4/4/2016 7:44:32 PM



#82
 Chrysene
 Concen: 40.86 ng
 RT: 13.96 min Scan# 1039
 Delta R.T. 0.00 min
 Lab File: BF085998.D
 Acq: 2 Apr 2016 8:48

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	786473		
226	31.3		25.0	37.6
229	19.5		15.7	23.5





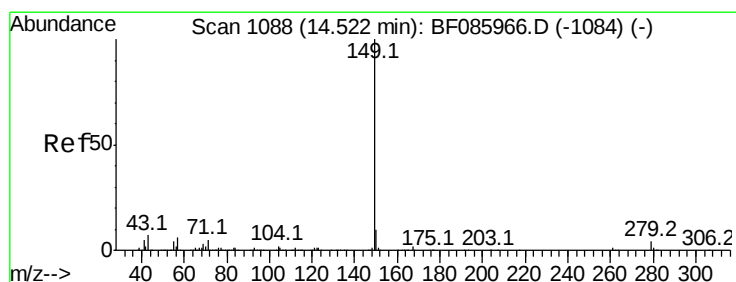
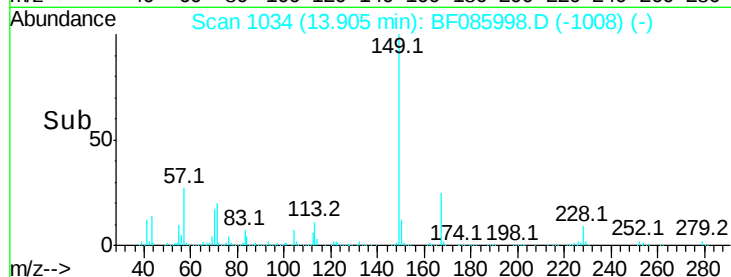
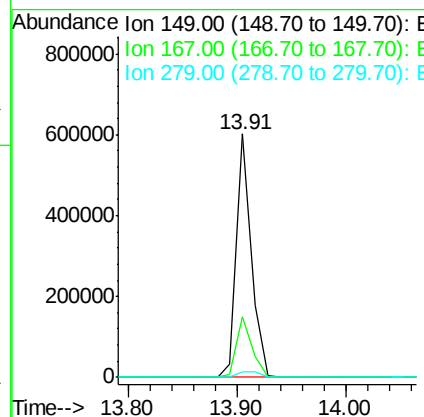
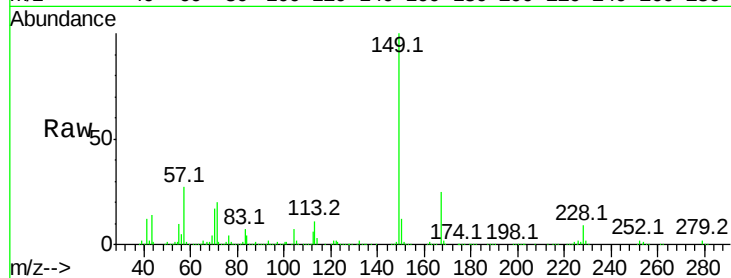
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 39.76 ng
 RT: 13.91 min Scan# 1034
 Delta R.T. 0.00 min
 Lab File: BF085998.D
 Acq: 2 Apr 2016 8:48

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
149	100	567630		
167	24.8	19.4	29.2	
279	2.3	1.5	2.3	

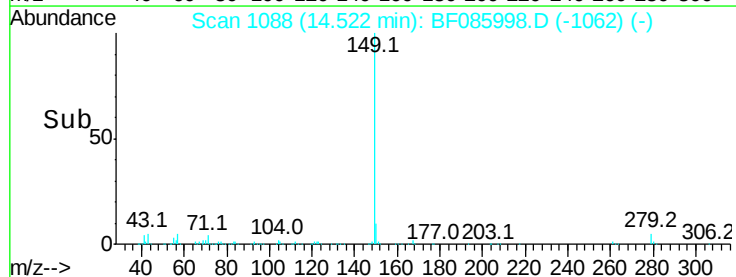
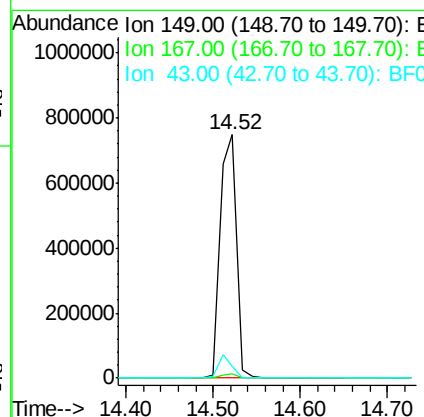
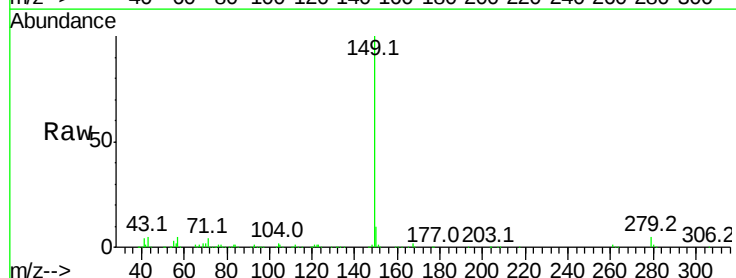
Manual Integrations
 APPROVED

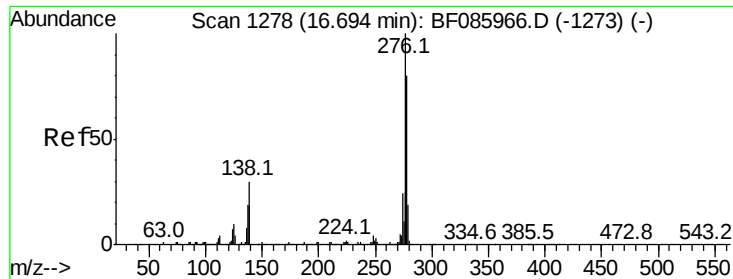
Sohil
 4/4/2016 7:44:32 PM



#84
 Di-n-octyl phthalate
 Concen: 43.81 ng
 RT: 14.52 min Scan# 1088
 Delta R.T. 0.00 min
 Lab File: BF085998.D
 Acq: 2 Apr 2016 8:48

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	998870		
167	1.4	1.2	1.8	
43	8.1	7.1	10.7	





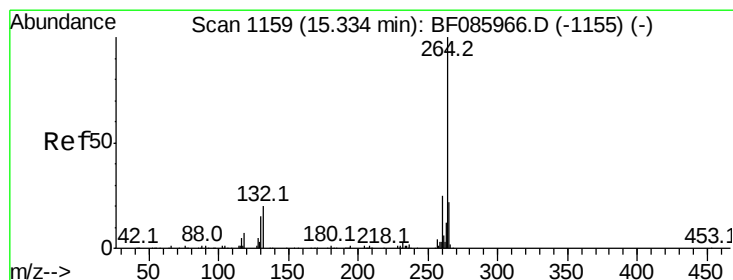
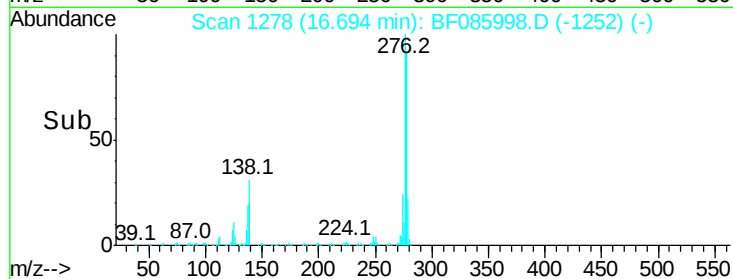
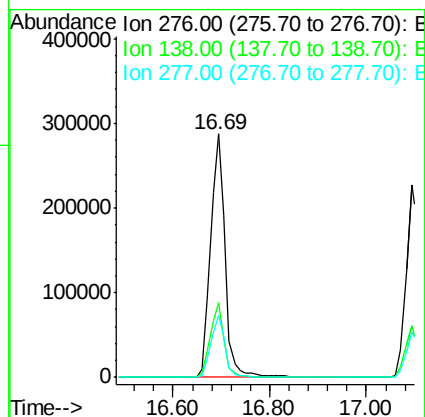
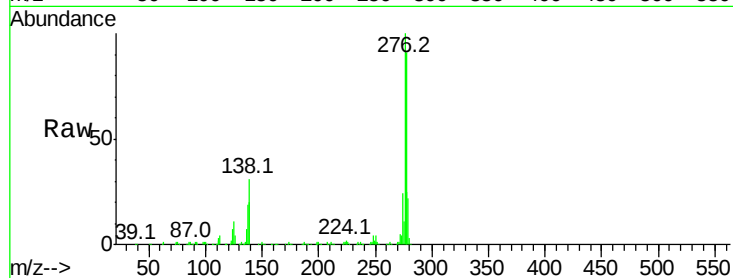
#85
Indeno(1,2,3-cd)pyrene
Concen: 39.24 ng
RT: 16.69 min Scan# 1278
Delta R.T. 0.00 min
Lab File: BF085998.D
Acq: 2 Apr 2016 8:48

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:	276	Resp:	612905
Ion Ratio		Lower	Upper
276	100		
138	29.1	24.2	36.4
277	25.0	20.0	30.0

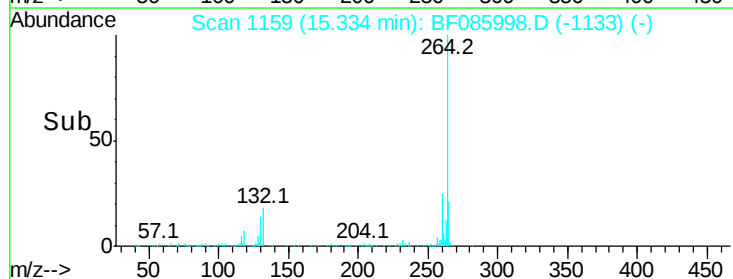
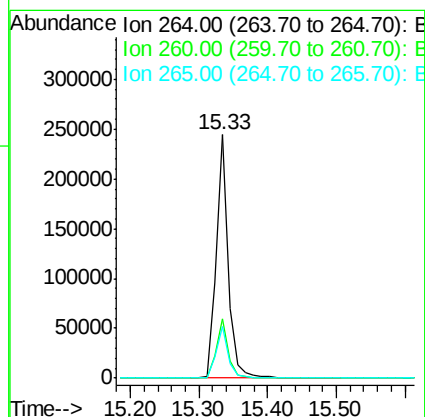
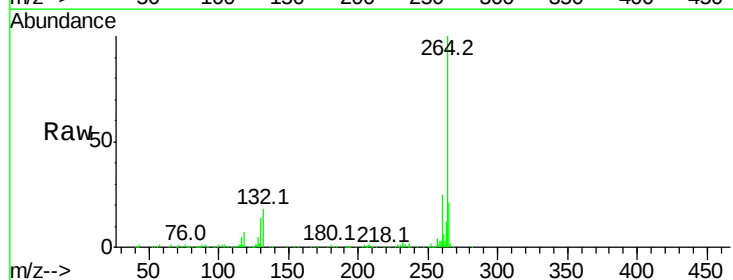
Manual Integrations
APPROVED

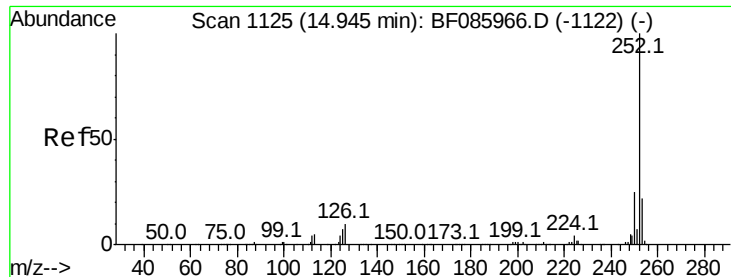
Sohil
4/4/2016 7:44:32 PM



#86
Perylene-d12
Concen: 20.00 ng
RT: 15.33 min Scan# 1159
Delta R.T. 0.00 min
Lab File: BF085998.D
Acq: 2 Apr 2016 8:48

Tgt Ion:	264	Resp:	301285
Ion Ratio		Lower	Upper
264	100		
260	24.5	19.4	29.2
265	21.3	17.2	25.8





#87

Benzo(b)fluoranthene

Concen: 46.91 ng m

RT: 14.93 min Scan# 1124

Delta R.T. -0.01 min

Lab File: BF085998.D

Acq: 2 Apr 2016 8:48

Instrument :

BNA_F

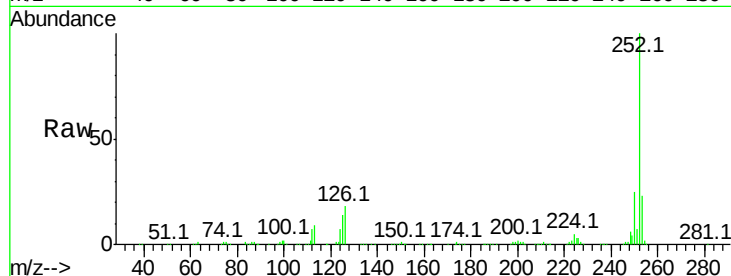
ClientSampleId :

SSTDCCC040

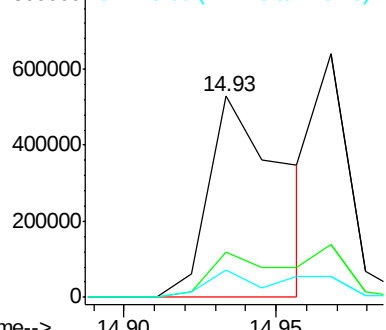
Tot Ion:	252	Resp:	889111
Ion Ratio	Lower	Upper	
252	100		
253	22.5	17.6	26.4
125	13.6	10.3	15.5

Manual Integrations
APPROVED

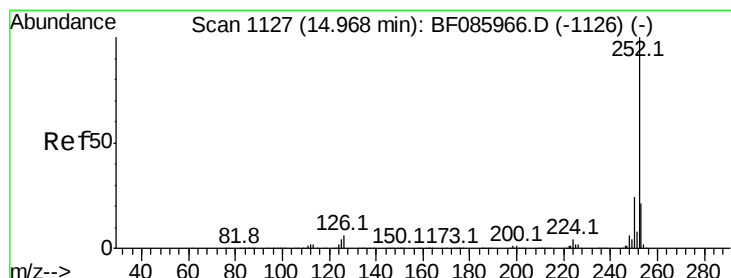
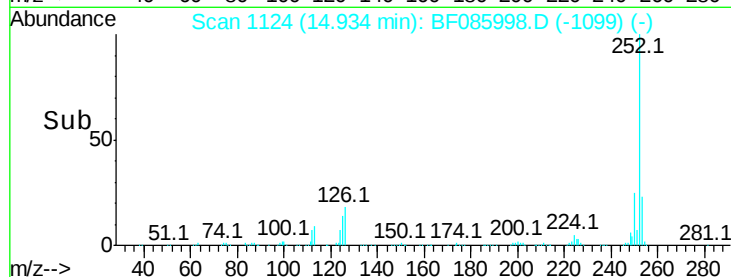
Sohil
4/4/2016 7:44:32 PM



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



Time-->



#88

Benzo(k)fluoranthene

Concen: 30.41 ng m

RT: 14.97 min Scan# 1127

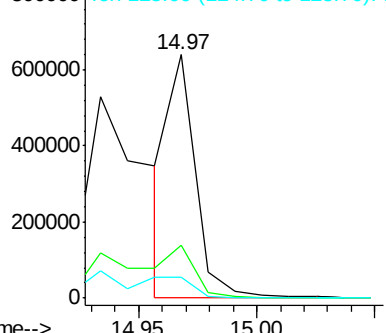
Delta R.T. 0.00 min

Lab File: BF085998.D

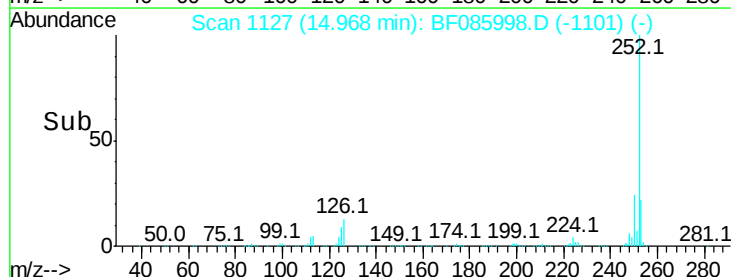
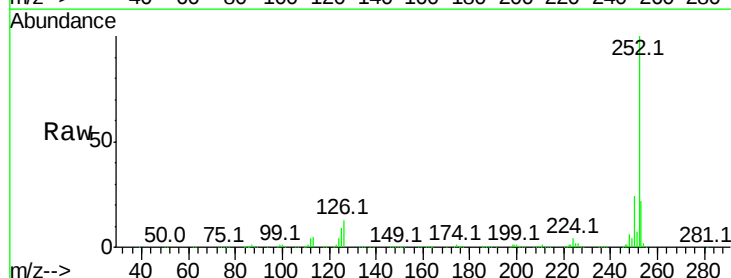
Acq: 2 Apr 2016 8:48

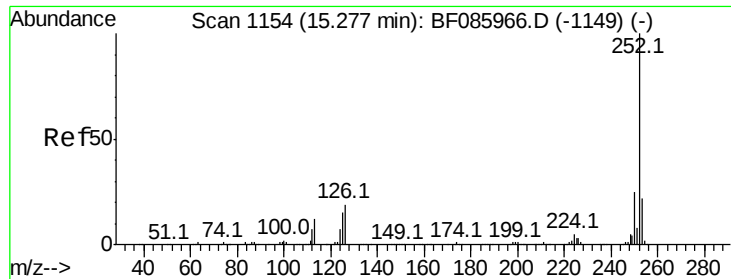
Tgt Ion:	252	Resp:	510344
Ion Ratio	Lower	Upper	
252	100		
253	21.8	17.8	26.6
125	8.5	7.7	11.5

Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



Time-->





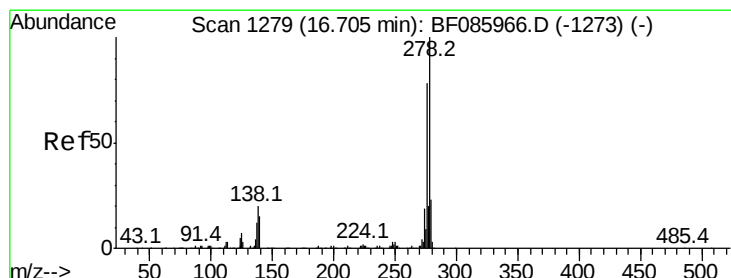
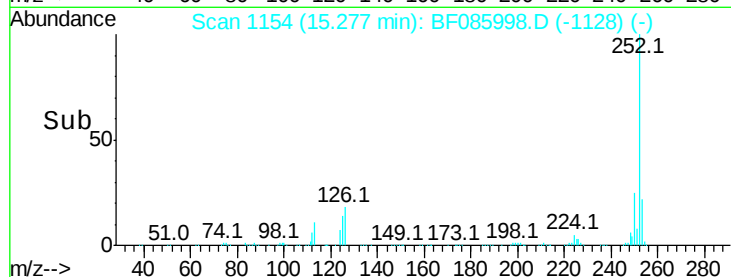
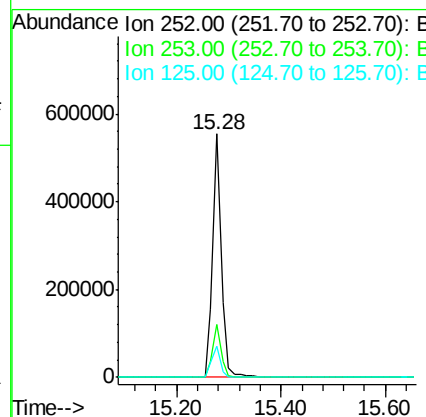
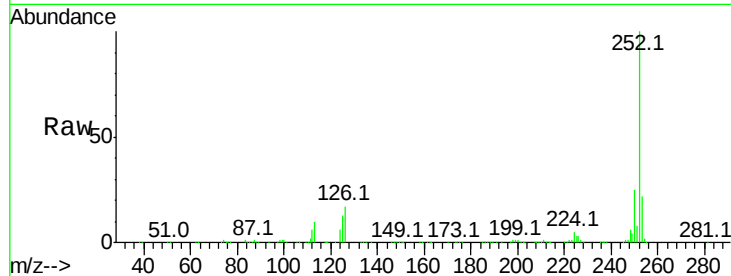
#89
Benzo(a)pyrene
Concen: 38.03 ng
RT: 15.28 min Scan# 1154
Delta R.T. 0.00 min
Lab File: BF085998.D
Acq: 2 Apr 2016 8:48

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp Lower	Upper
252	100		
253	21.9	17.4	26.0
125	13.0	10.3	15.5

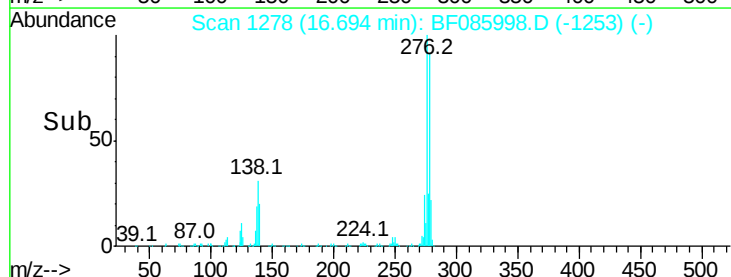
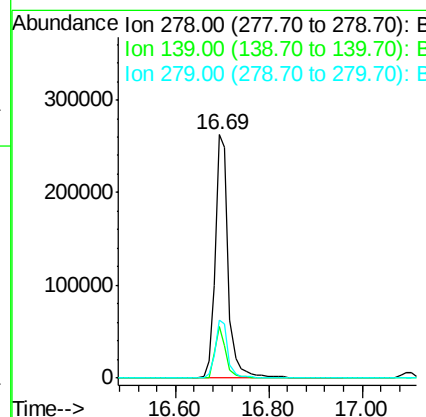
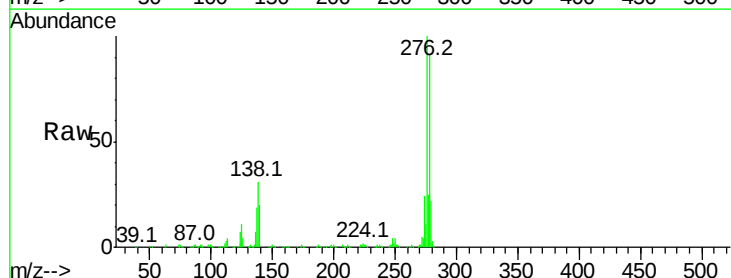
Manual Integrations
APPROVED

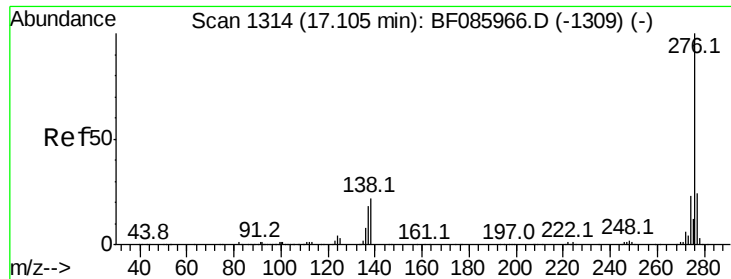
Sohil
4/4/2016 7:44:32 PM



#90
Dibenzo(a,h)anthracene
Concen: 38.43 ng
RT: 16.69 min Scan# 1278
Delta R.T. -0.01 min
Lab File: BF085998.D
Acq: 2 Apr 2016 8:48

Tgt Ion	Ratio	Resp Lower	Upper
278	100		
139	21.5	14.4	21.6
279	23.9	19.1	28.7





#91
 Benzo(a,h,i)perylene
 Concen: 37.23 ng
 RT: 17.09 min Scan# 1313
 Delta R.T. -0.01 min
 Lab File: BF085998.D
 Acq: 2 Apr 2016 8:48

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
276	100	486780		
277	23.3		18.8	28.2
138	26.7		22.6	34.0

Manual Integrations
 APPROVED

Sohil
 4/4/2016 7:44:32 PM

