

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050916\
 Data File : BF086828.D
 Acq On : 9 May 2016 17:50
 Operator : UM/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Manual Integrations
 APPROVED

sohil
 5/10/2016 11:05:49 AM

Quant Time: May 10 02:29:58 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon May 09 16:04:56 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.69	152	182752	20.00	ng	0.00
21) Naphthalene-d8	7.98	136	780968	20.00	ng	0.00
38) Acenaphthene-d10	9.73	164	384929	20.00	ng	0.00
63) Phenanthrene-d10	11.21	188	697004	20.00	ng	0.00
75) Chrysene-d12	13.84	240	531608	20.00	ng	0.00
86) Perylene-d12	15.21	264	418757	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.29	112	875820	81.16	ng	0.00
7) Phenol-d6	6.35	99	1125488	78.04	ng	-0.01
23) Nitrobenzene-d5	7.26	82	1170235	75.24	ng	0.00
41) 2,4,6-Tribromophenol	10.52	330	308635	75.74	ng	0.00
44) 2-Fluorobiphenyl	9.06	172	1559408	68.09	ng	0.00
78) Terphenyl-d14	12.80	244	1851269	73.89	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.18	88	206604	39.00	ng	# 72
3) Pyridine	2.85	79	546231	42.18	ng	# 66
4) n-Nitrosodimethylamine	2.81	42	385861	41.08	ng	# 48
6) Aniline	6.36	93	681307	39.06	ng	# 66
8) 2-Chlorophenol	6.49	128	499001	38.32	ng	99
9) Benzaldehyde	6.24	77	307638	36.84	ng	94
10) Phenol	6.37	94	607246	35.42	ng	79
11) bis(2-Chloroethyl)ether	6.44	93	542209	40.56	ng	94
12) 1,3-Dichlorobenzene	6.62	146	515935	36.61	ng	# 89
13) 1,4-Dichlorobenzene	6.70	146	516702m	35.96	ng	
14) 1,2-Dichlorobenzene	6.86	146	502589	40.13	ng	100
15) Benzyl Alcohol	6.85	79	389236	39.08	ng	# 87
16) 2,2'-oxybis(1-Chloropropan	6.98	45	1058095	36.41	ng	62
17) 2-Methylphenol	6.98	107	412749	39.83	ng	# 83
18) Hexachloroethane	7.20	117	201651	37.30	ng	93
19) n-Nitroso-di-n-propylamine	7.13	70	411561	40.83	ng	# 78
20) 3+4-Methylphenols	7.14	107	526520	38.91	ng	# 57
22) Acetophenone	7.12	105	686539	37.22	ng	99
24) Nitrobenzene	7.29	77	626337	39.15	ng	99
25) Isophorone	7.53	82	1065443	36.92	ng	98
26) 2-Nitrophenol	7.61	139	278439	39.59	ng	95
27) 2,4-Dimethylphenol	7.65	122	414664	34.61	ng	88
28) bis(2-Chloroethoxy)methane	7.74	93	619016	39.77	ng	98
29) 2,4-Dichlorophenol	7.85	162	390813	37.06	ng	92
30) 1,2,4-Trichlorobenzene	7.93	180	455440	38.63	ng	98
31) Naphthalene	8.01	128	1434045	36.66	ng	100
32) Benzoic acid	7.81	122	294939	41.92	ng	# 79
33) 4-Chloroaniline	8.06	127	590122	38.83	ng	# 93
34) Hexachlorobutadiene	8.12	225	258419	37.78	ng	99
35) Caprolactam	8.45	113	129853	36.20	ng	# 49
36) 4-Chloro-3-methylphenol	8.57	107	468314	36.62	ng	94
37) 2-Methylnaphthalene	8.69	142	904064	39.53	ng	97
39) 1,2,4,5-Tetrachlorobenzene	8.86	216	412206	36.83	ng	99
40) Hexachlorocyclopentadiene	8.84	237	197888	37.25	ng	95

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050916\
 Data File : BF086828.D
 Acq On : 9 May 2016 17:50
 Operator : UM/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Manual Integrations
 APPROVED

sohil
 5/10/2016 11:05:49 AM

Quant Time: May 10 02:29:58 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon May 09 16:04:56 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.98	196	268301	35.85	nq	95
43) 2,4,5-Trichlorophenol	9.02	196	291171	37.62	nq #	88
45) 1,1'-Biphenyl	9.16	154	1204825	39.35	nq	98
46) 2-Chloronaphthalene	9.18	162	931846	38.85	nq	98
47) 2-Nitroaniline	9.29	65	318494	36.33	nq #	74
48) Acenaphthylene	9.60	152	1410868	39.99	nq	99
49) Dimethylphthalate	9.47	163	1051423	35.80	nq	99
50) 2,6-Dinitrotoluene	9.53	165	222240	35.96	nq #	67
51) Acenaphthene	9.77	154	894828	40.77	nq	98
52) 3-Nitroaniline	9.70	138	240174	36.91	nq #	77
53) 2,4-Dinitrophenol	9.81	184	103745	37.38	nq #	84
54) Dibenzofuran	9.94	168	1099252	39.02	nq	99
55) 4-Nitrophenol	9.89	139	160033	39.34	nq	88
56) 2,4-Dinitrotoluene	9.94	165	294478	38.50	nq	86
57) Fluorene	10.28	166	952807	39.65	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.06	232	229658	39.41	nq	97
59) Diethylphthalate	10.17	149	1110346	38.80	nq	96
60) 4-Chlorophenyl-phenylether	10.27	204	399126	36.37	nq	98
61) 4-Nitroaniline	10.32	138	258278	41.33	nq #	69
62) Azobenzene	10.43	77	1159557	37.56	nq	87
64) 4,6-Dinitro-2-methylphenol	10.34	198	164413	37.97	nq #	40
65) n-Nitrosodiphenylamine	10.40	169	812358	37.94	nq	99
66) 4-Bromophenyl-phenylether	10.76	248	285627	40.42	nq #	85
67) Hexachlorobenzene	10.82	284	292134	35.37	nq #	73
68) Atrazine	10.93	200	277634	38.81	nq	95
69) Pentachlorophenol	11.02	266	162435	42.56	nq	98
70) Phenanthrene	11.23	178	1264817	34.00	nq	99
71) Anthracene	11.29	178	1522917	40.03	nq	100
72) Carbazole	11.45	167	1276498	39.03	nq	98
73) Di-n-butylphthalate	11.78	149	1539102	38.54	nq #	99
74) Fluoranthene	12.42	202	1483417	38.77	nq	91
76) Benzidine	12.54	184	631581	46.60	nq	99
77) Pyrene	12.64	202	1383743	34.00	nq	99
79) Butylbenzylphthalate	13.26	149	619248	35.97	nq #	70
80) Benzo(a)anthracene	13.83	228	1087544	36.44	nq	99
81) 3,3'-Dichlorobenzidine	13.80	252	762807	40.23	nq #	96
82) Chrysene	13.86	228	1045690	34.45	nq	98
83) Bis(2-ethylhexyl)phthalate	13.83	149	744221	35.94	nq	98
84) Di-n-octyl phthalate	14.43	149	1266824	36.93	nq #	84
85) Indeno(1,2,3-cd)pyrene	16.50	276	872494	34.54	nq	96
87) Benzo(b)fluoranthene	14.83	252	996365m	36.61	nq	
88) Benzo(k)fluoranthene	14.85	252	863776m	38.76	nq	
89) Benzo(a)pyrene	15.15	252	868958	37.02	nq #	96
90) Dibenzo(a,h)anthracene	16.51	278	728610	36.83	nq	97
91) Benzo(g,h,i)perylene	16.89	276	742833	36.95	nq #	93

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

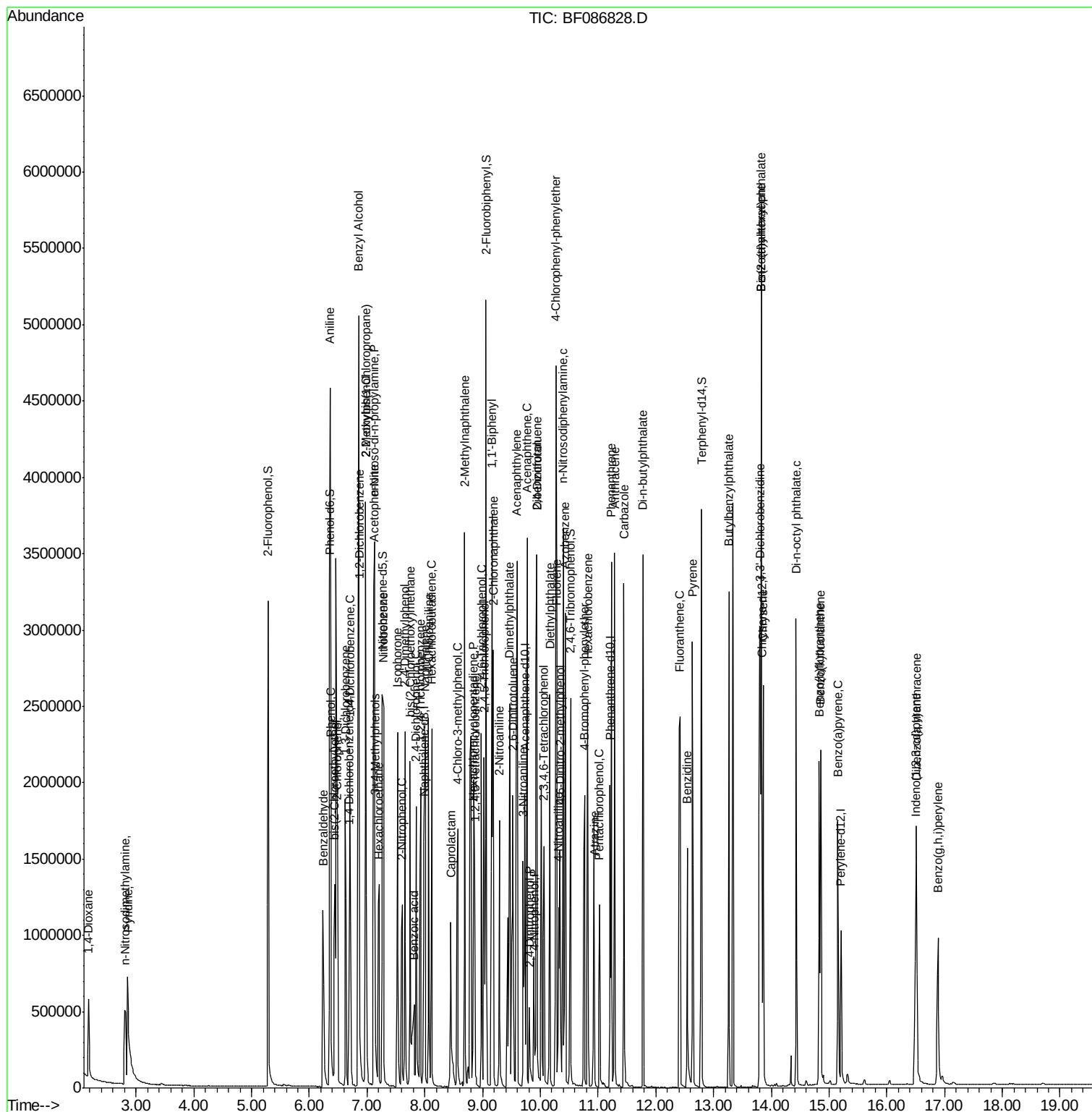
```
Data Path : Z:\HPCHEM1\BNA F\DATA\BF050916\  
Data File : BF086828.D  
Acq On    : 9 May 2016 17:50  
Operator  : UM/SJ  
Sample    : SSTCCC040  
Misc      :  
ALS Vial  : 2 Sample Multiplier: 1
```

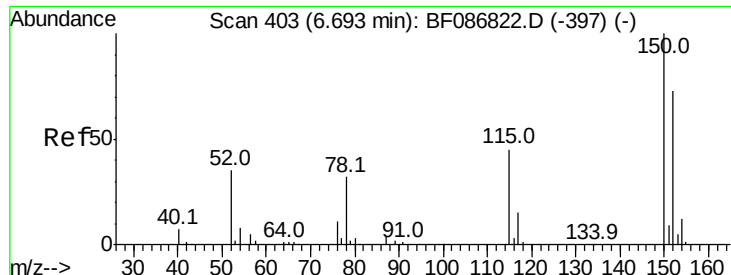
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED

sohil
5/10/2016 11:05:49 AM

Quant Time: May 10 02:29:58 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon May 09 16:04:56 2016
Response via : Initial Calibration





#1

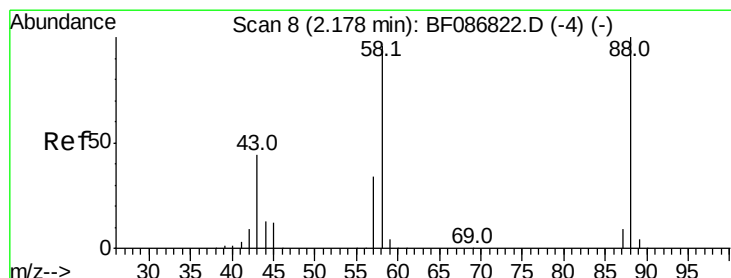
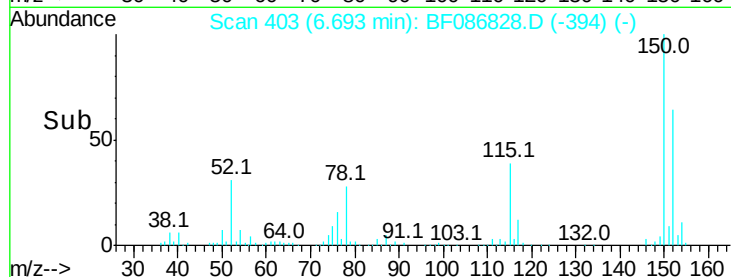
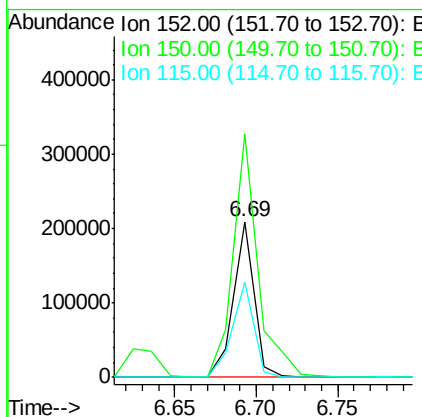
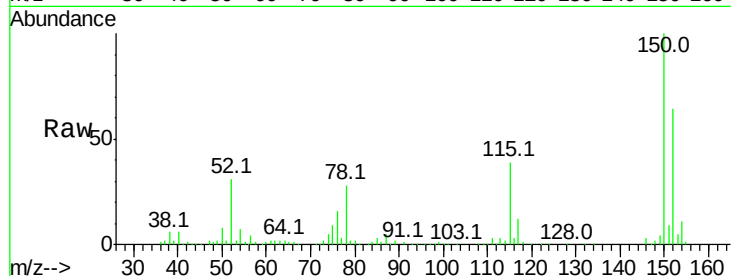
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.69 min Scan# 403
Delta R.T. -0.00 min
Lab File: BF086828.D
Acq: 9 May 2016 17:50

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.3	125.8	188.6
115	61.5	51.5	77.3

Manual Integrations
APPROVED

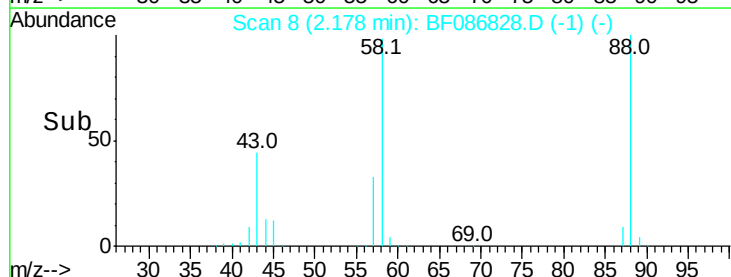
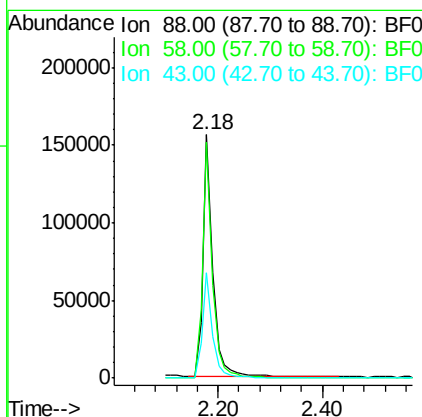
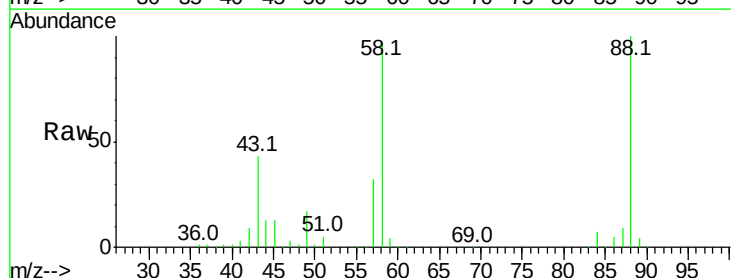
sohil
5/10/2016 11:05:49 AM

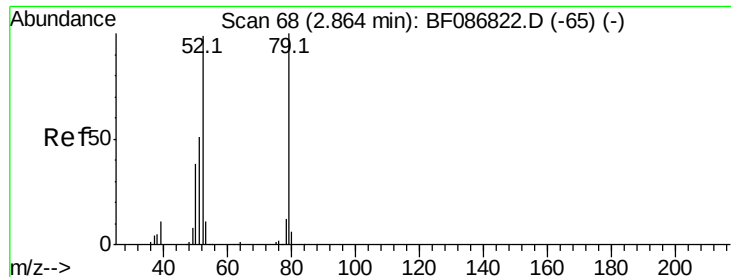


#2

1,4-Dioxane
Concen: 39.00 ng
RT: 2.18 min Scan# 8
Delta R.T. -0.00 min
Lab File: BF086828.D
Acq: 9 May 2016 17:50

Tgt Ion	Ratio	Lower	Upper
88	100		
58	97.2	59.6	89.4#
43	43.0	21.8	32.6#





#3

Pvridine

Concen: 42.18 ng

RT: 2.85 min Scan# 67

Delta R.T. -0.01 min

Lab File: BF086828.D

Acq: 9 May 2016 17:50

Instrument :

BNA_F

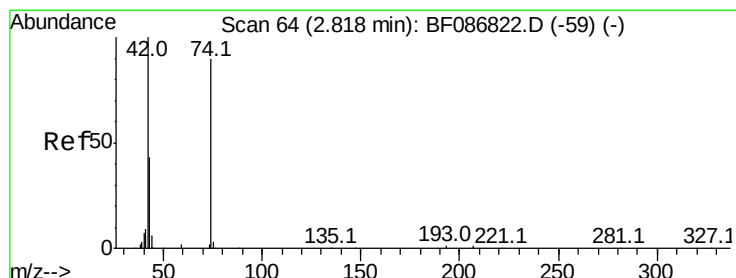
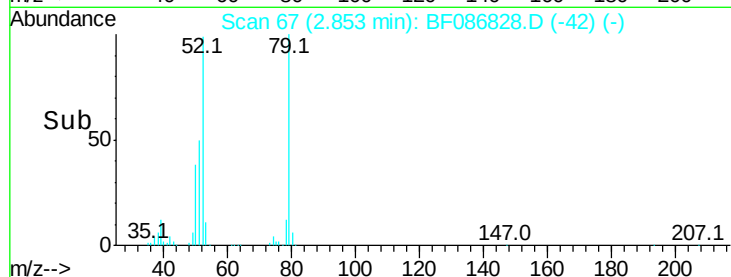
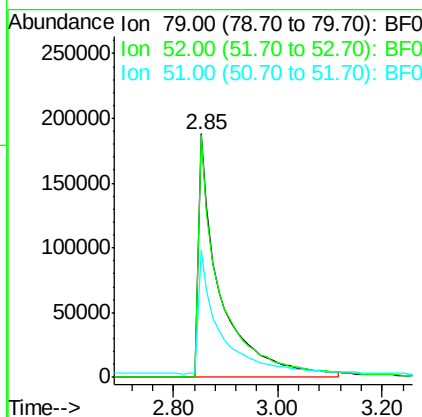
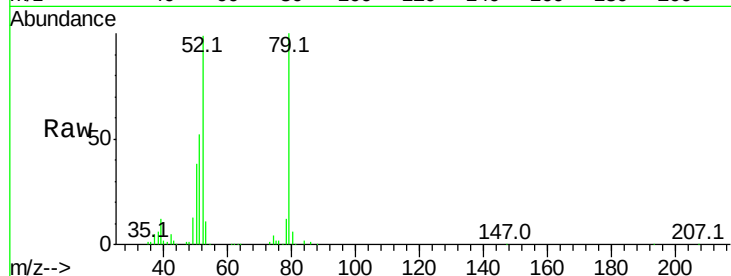
ClientSampleId :

SSTDCCC040

Tot Ion	Ion	Ratio	Resp	Lower	Upper
79	100				
52	99.4	55.9	83.9#		
51	52.3	28.1	42.1#		

Manual Integrations
APPROVED

sohil
5/10/2016 11:05:49 AM



#4

n-Nitrosodimethylamine

Concen: 41.08 ng

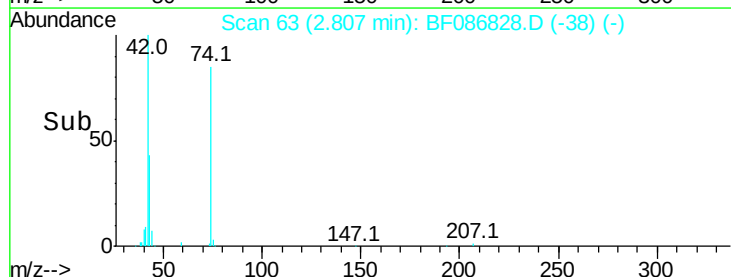
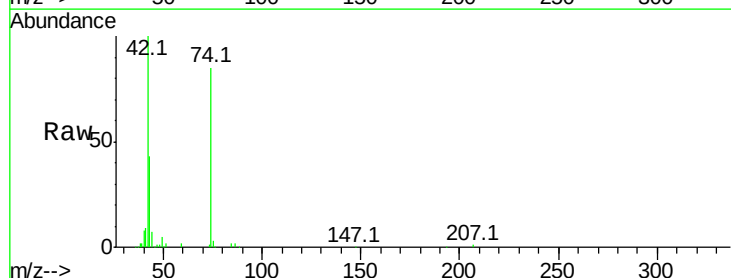
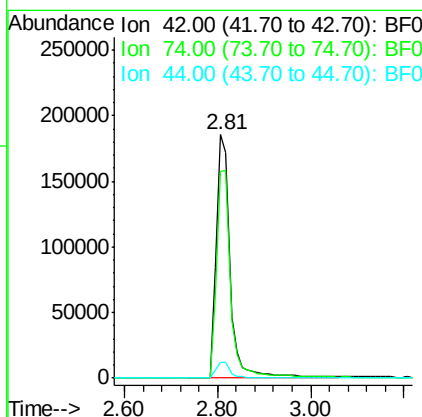
RT: 2.81 min Scan# 63

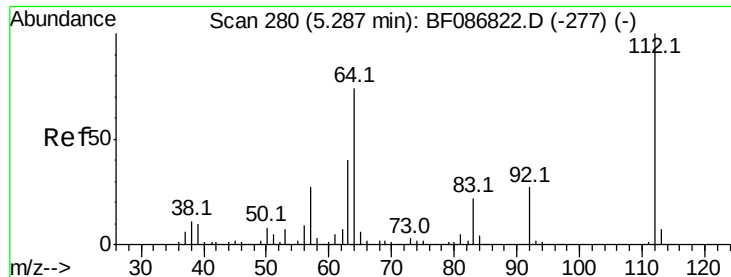
Delta R.T. -0.01 min

Lab File: BF086828.D

Acq: 9 May 2016 17:50

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
42	100				
74	84.6	123.4	185.0#		
44	6.6	5.8	8.6		





#5

2-Fluorophenol

Concen: 81.16 ng

RT: 5.29 min Scan# 280

Delta R.T. 0.00 min

Lab File: BF086828.D

Acq: 9 May 2016 17:50

Instrument :

BNA_F

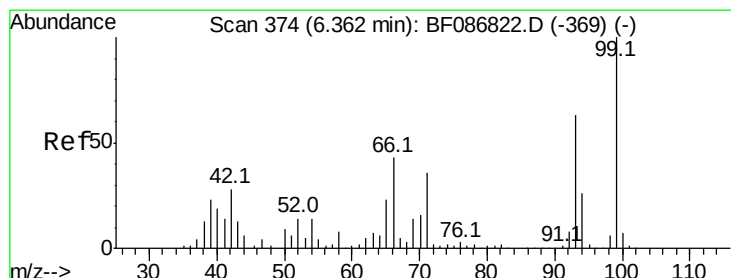
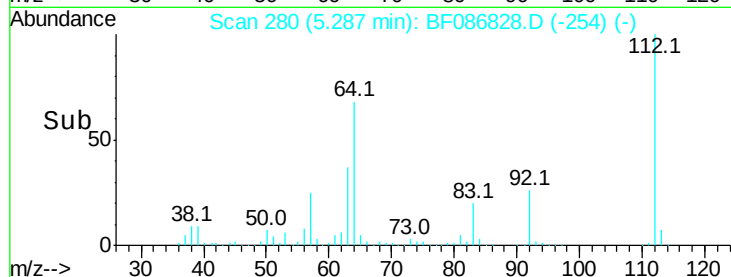
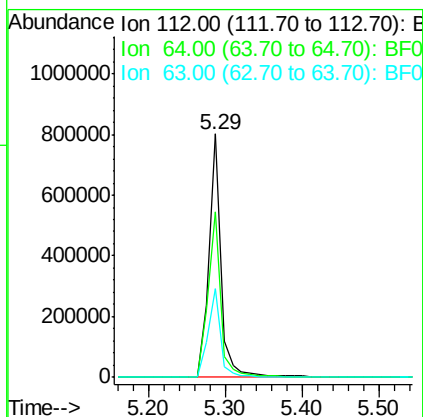
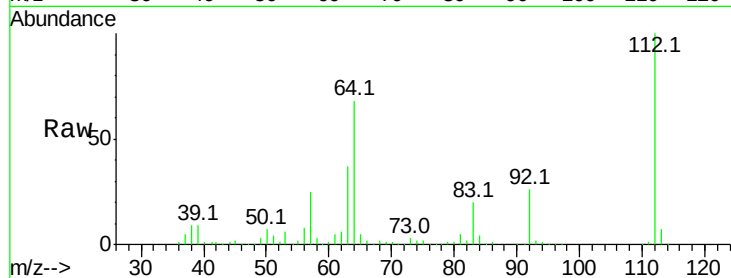
ClientSampleId :

SSTDCCC040

Tot Ion:	112	Resp:	875820
Ion Ratio	Lower	Upper	
112	100		
64	68.0	52.1	78.1
63	36.7	25.7	38.5

Manual Integrations
APPROVED

sohil
5/10/2016 11:05:49 AM



#6

Aniline

Concen: 39.06 ng

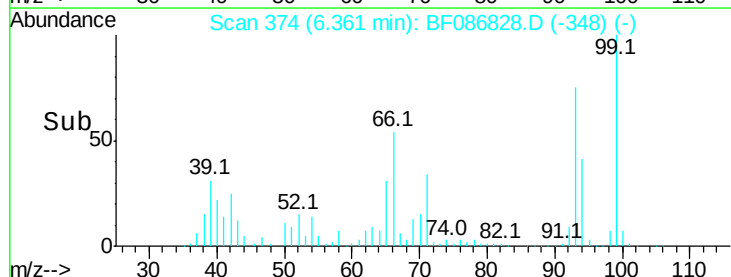
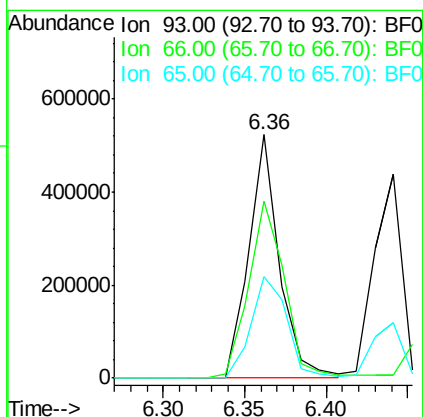
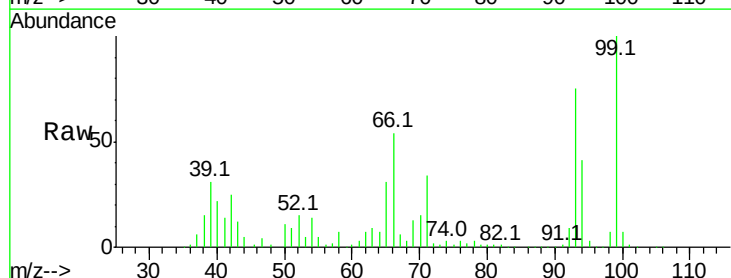
RT: 6.36 min Scan# 374

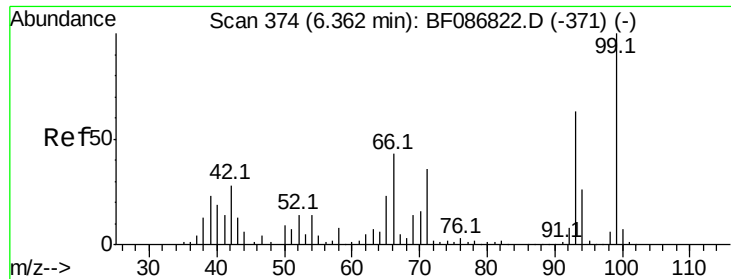
Delta R.T. -0.00 min

Lab File: BF086828.D

Acq: 9 May 2016 17:50

Tgt Ion:	93	Resp:	681307
Ion Ratio	Lower	Upper	
93	100		
66	72.7	39.0	58.6#
65	41.8	20.6	31.0#





#7

Phenol-d6

Concen: 78.04 ng

RT: 6.35 min Scan# 373

Delta R.T. -0.01 min

Lab File: BF086828.D

Acq: 9 May 2016 17:50

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion: 99 Resp: 1125488

Ion Ratio Lower Upper

99 100

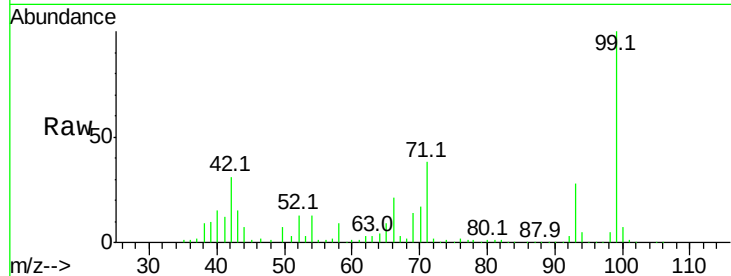
42 31.4 13.6 20.4#

71 37.6 24.6 36.8#

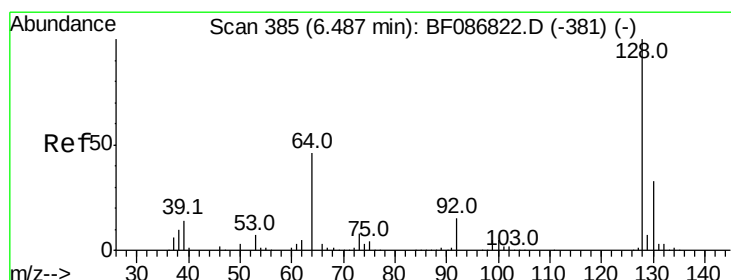
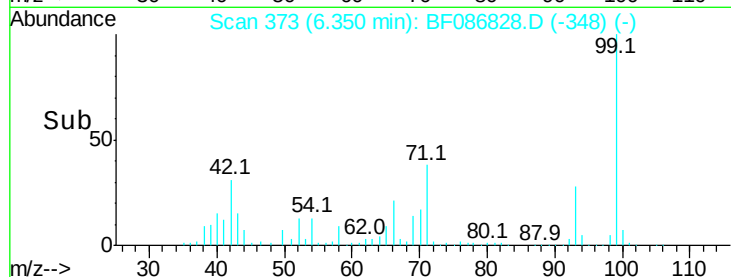
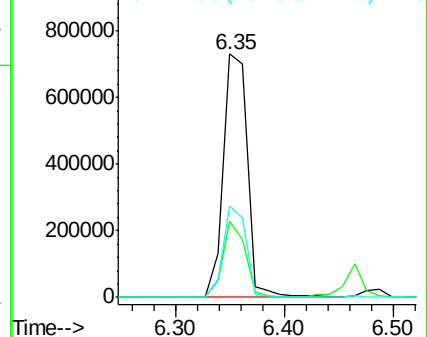
Manual Integrations
APPROVED

sohil

5/10/2016 11:05:49 AM



Abundance Ion 99.00 (98.70 to 99.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 38.32 ng

RT: 6.49 min Scan# 385

Delta R.T. -0.00 min

Lab File: BF086828.D

Acq: 9 May 2016 17:50

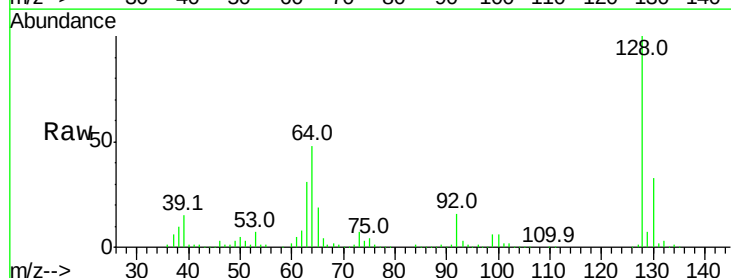
Tgt Ion: 128 Resp: 499001

Ion Ratio Lower Upper

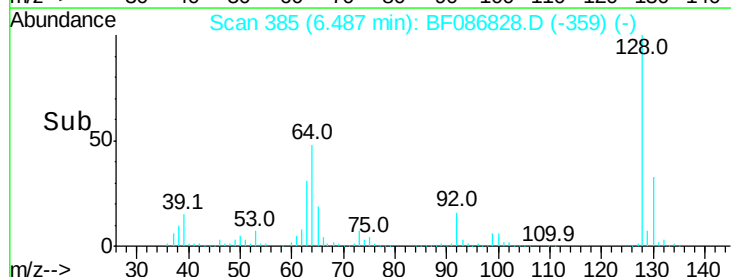
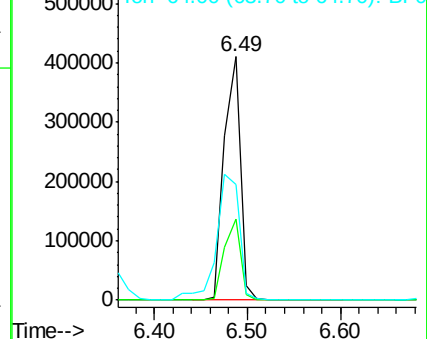
128 100

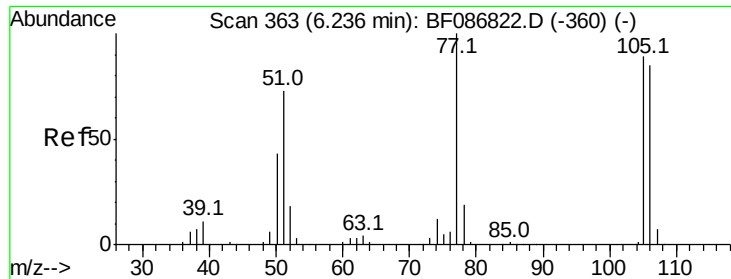
130 33.1 12.5 52.5

64 47.5 27.3 67.3



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 36.84 ng

RT: 6.24 min Scan# 363

Delta R.T. -0.00 min

Lab File: BF086828.D

Acq: 9 May 2016 17:50

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion: 77 Resp: 307638

Ion Ratio Lower Upper

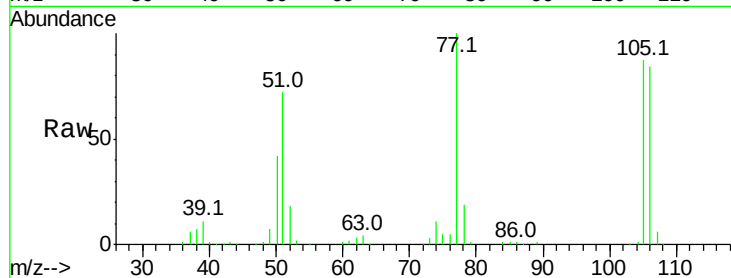
77 100

105 87.3 72.7 112.7

106 84.2 70.8 110.8

Manual Integrations
APPROVED

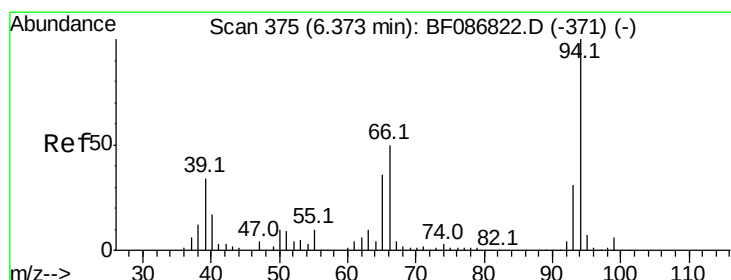
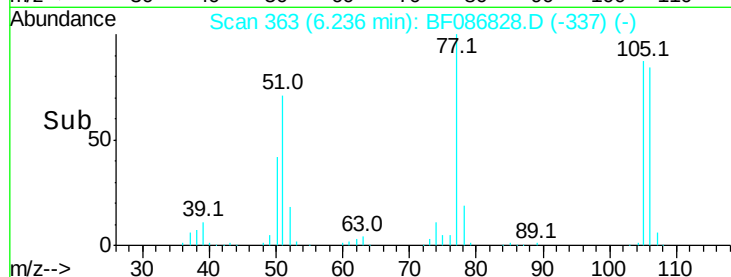
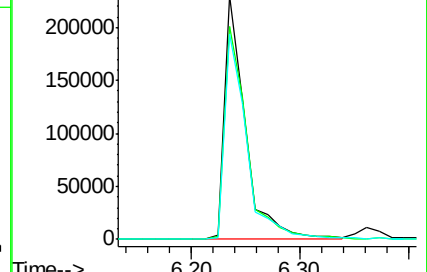
sohil
5/10/2016 11:05:49 AM



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 35.42 ng

RT: 6.37 min Scan# 375

Delta R.T. -0.00 min

Lab File: BF086828.D

Acq: 9 May 2016 17:50

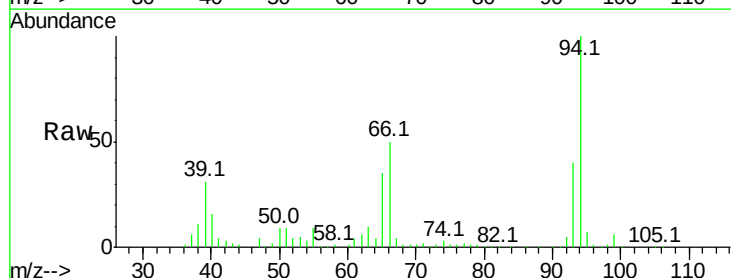
Tgt Ion: 94 Resp: 607246

Ion Ratio Lower Upper

94 100

65 35.0 7.2 47.2

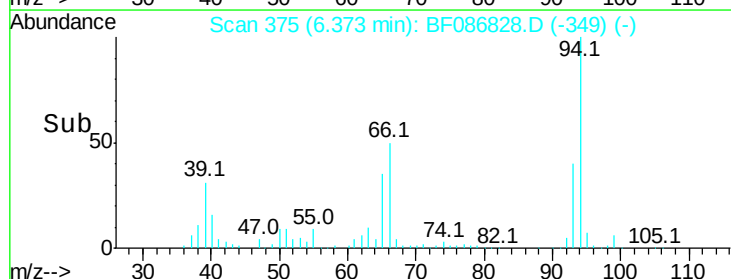
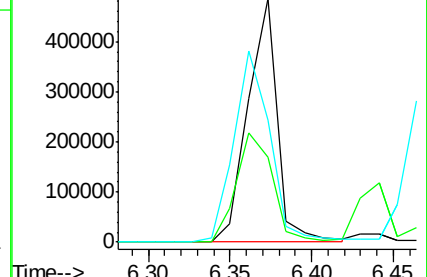
66 50.2 14.9 54.9

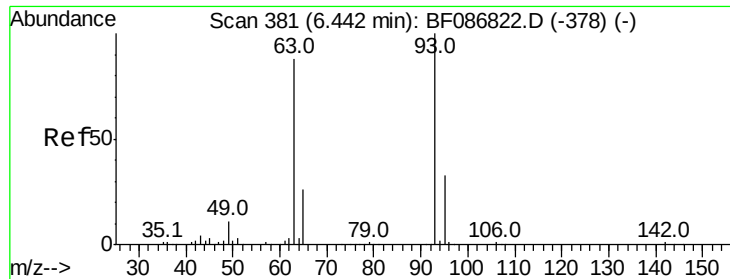


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#11

bis(2-Chloroethyl)ether

Concen: 40.56 ng

RT: 6.44 min Scan# 381

Delta R.T. -0.00 min

Lab File: BF086828.D

Acq: 9 May 2016 17:50

Instrument :

BNA_F

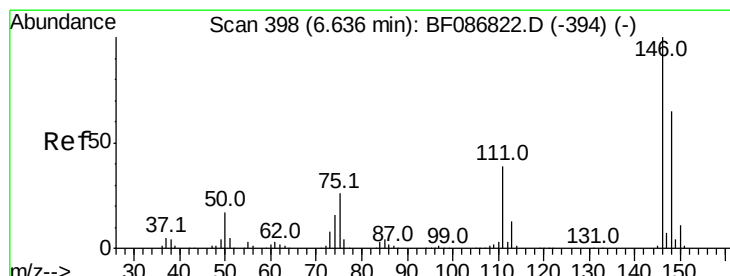
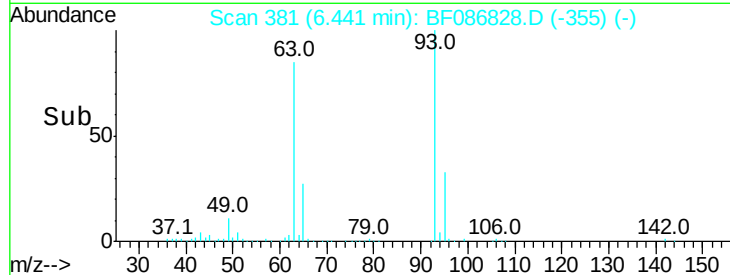
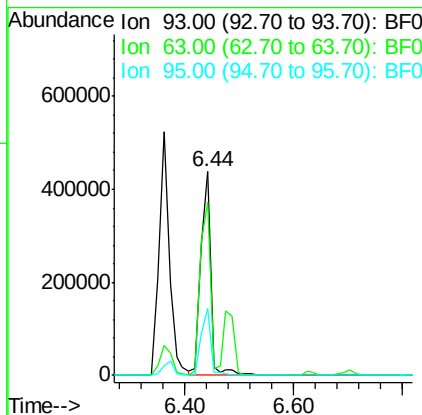
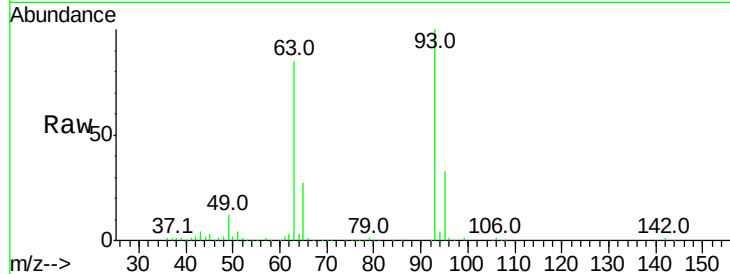
ClientSampleId :

SSTDCCC040

Tot Ion:	93	Resp:	542209
Ion Ratio	Lower	Upper	
93	100		
63	85.3	58.0	98.0
95	32.7	11.9	51.9

Manual Integrations
APPROVED

sohil
5/10/2016 11:05:49 AM



#12

1,3-Dichlorobenzene

Concen: 36.61 ng

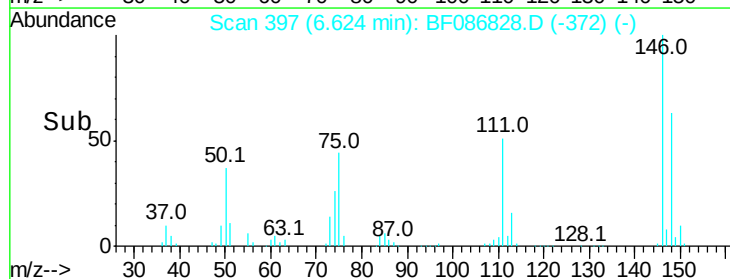
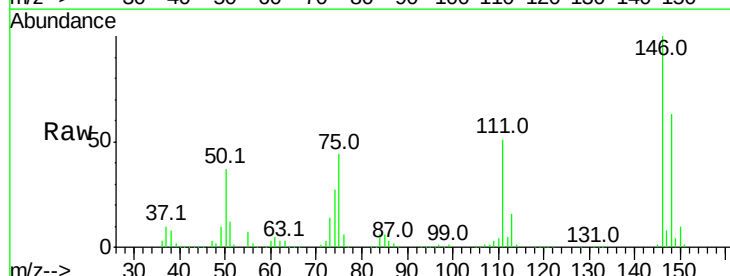
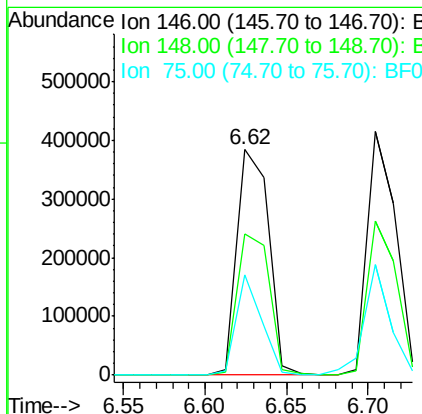
RT: 6.62 min Scan# 397

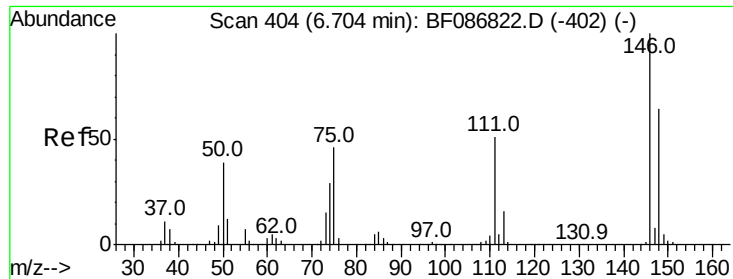
Delta R.T. -0.01 min

Lab File: BF086828.D

Acq: 9 May 2016 17:50

Tgt Ion:	146	Resp:	515935
Ion Ratio	Lower	Upper	
146	100		
148	62.9	52.4	78.6
75	44.4	22.8	34.2#





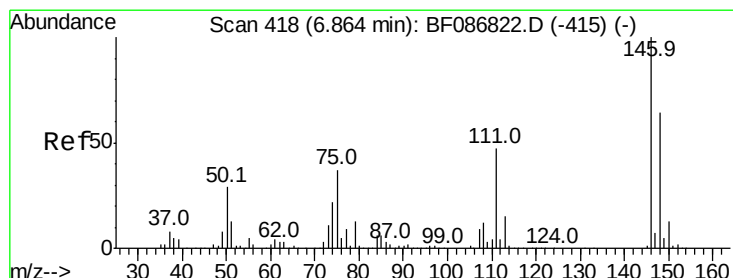
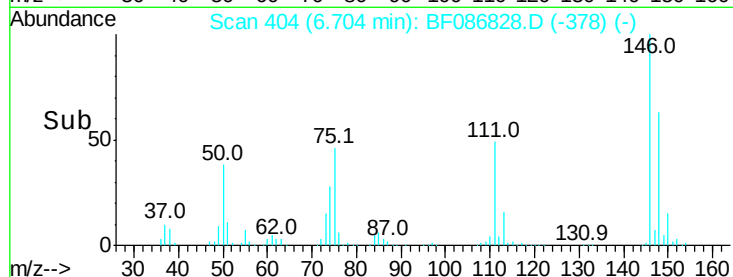
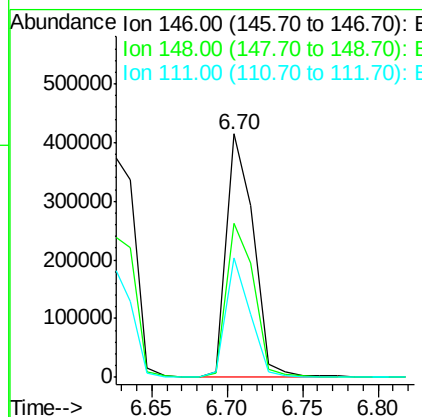
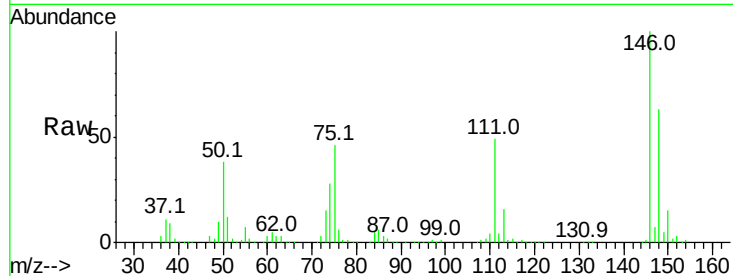
#13
 1,4-Dichlorobenzene
 Concen: 35.96 ng/ml
 RT: 6.70 min Scan# 404
 Delta R.T. -0.00 min
 Lab File: BF086828.D
 Acq: 9 May 2016 17:50

Instrument :
 BNA_F
 ClientSampleID :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.1	52.2	78.4
111	49.3	30.7	46.1

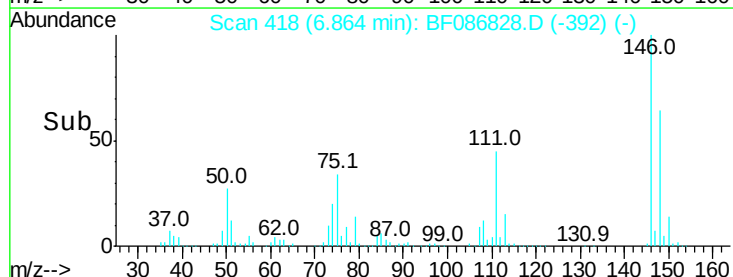
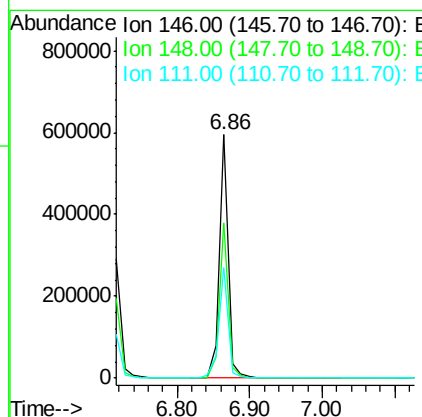
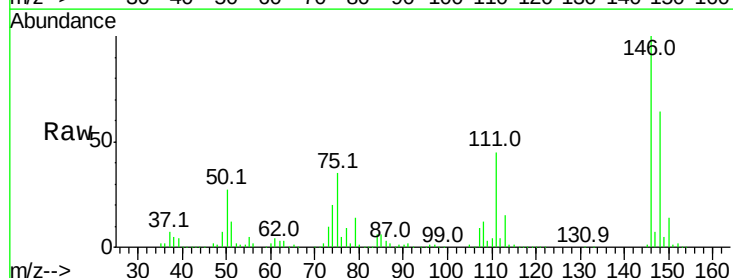
Manual Integrations
 APPROVED

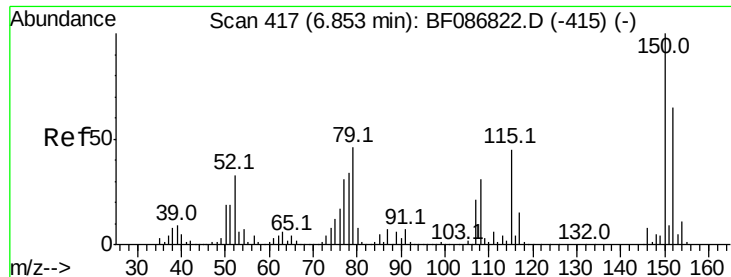
sohil
 5/10/2016 11:05:49 AM



#14
 1,2-Dichlorobenzene
 Concen: 40.13 ng/ml
 RT: 6.86 min Scan# 418
 Delta R.T. -0.00 min
 Lab File: BF086828.D
 Acq: 9 May 2016 17:50

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.9	51.0	76.6
111	45.4	36.2	54.4





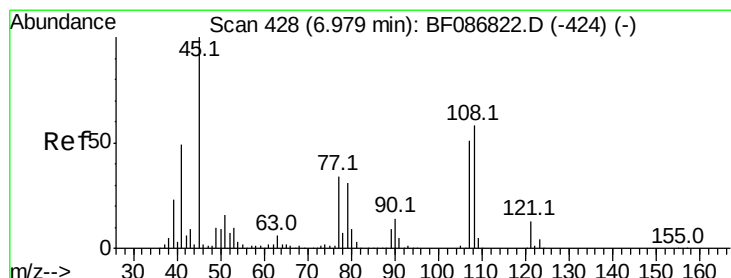
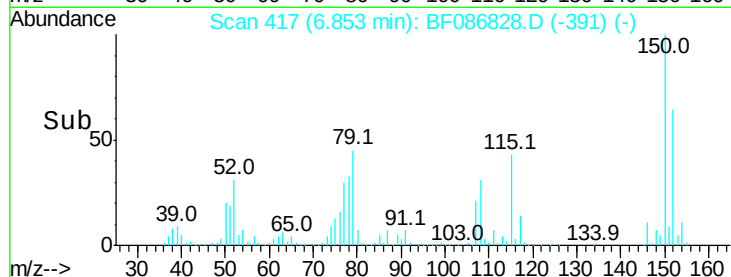
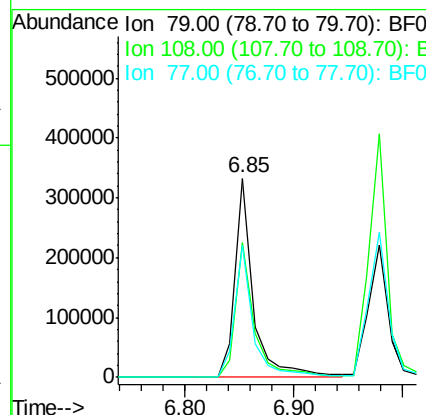
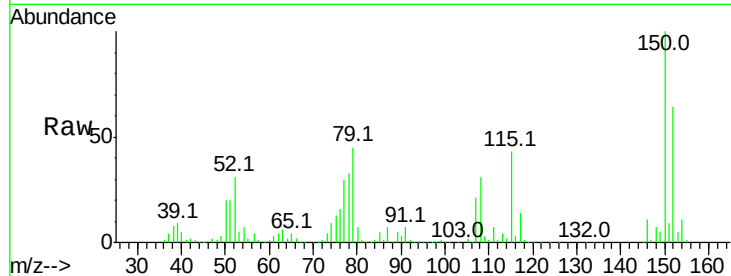
#15
Benzyl Alcohol
Concen: 39.08 ng
RT: 6.85 min Scan# 417
Delta R.T. -0.00 min
Lab File: BF086828.D
Acq: 9 May 2016 17:50

Instrument :
BNA_F
Client Sampled :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
79	100		
108	67.9	68.4	102.6#
77	66.5	50.6	76.0

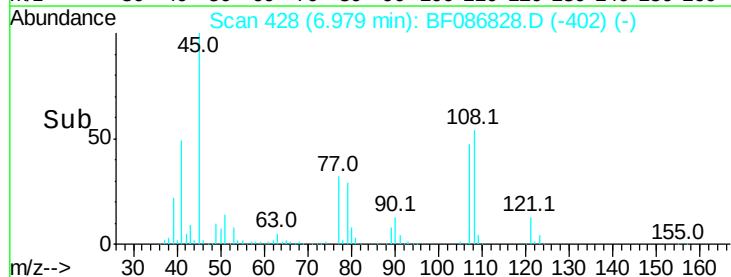
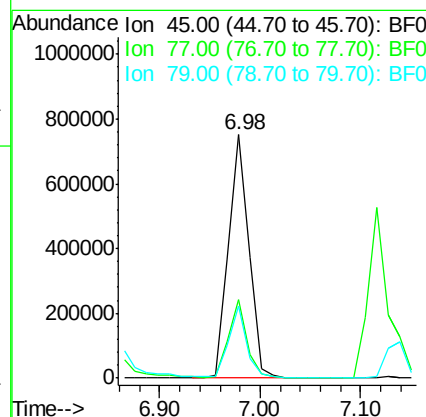
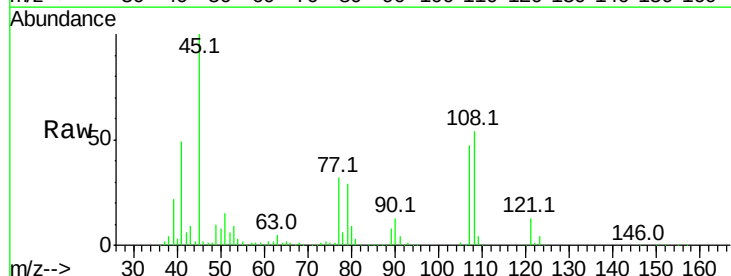
Manual Integrations
APPROVED

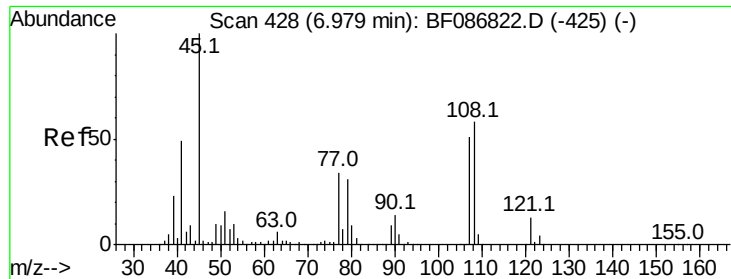
sohil
5/10/2016 11:05:49 AM



#16
2,2'-oxybis(1-chloropropane)
Concen: 36.41 ng
RT: 6.98 min Scan# 428
Delta R.T. -0.00 min
Lab File: BF086828.D
Acq: 9 May 2016 17:50

Tgt Ion	Ratio	Lower	Upper
45	100		
77	32.2	0.0	36.4
79	29.5	0.0	33.4





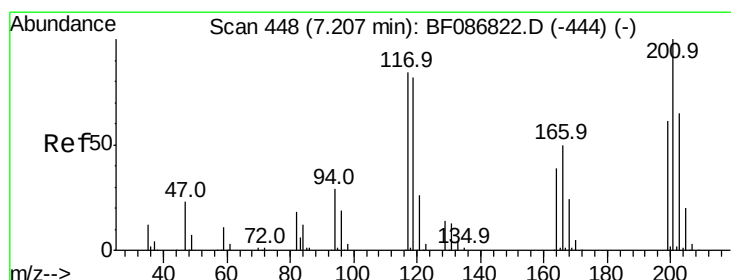
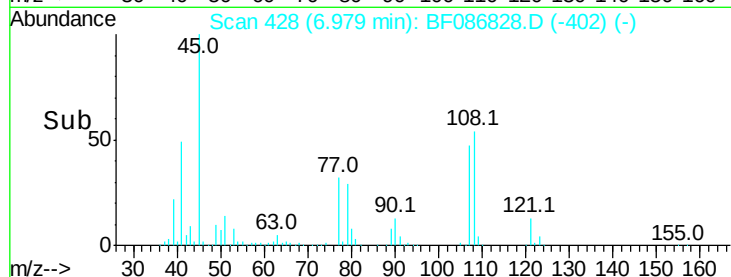
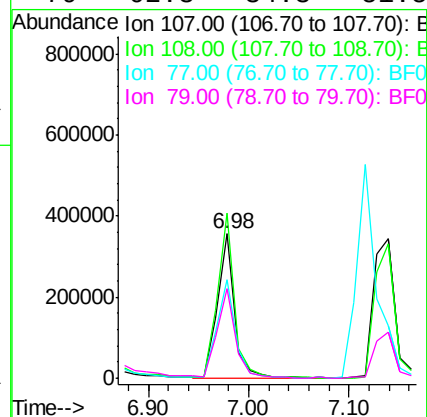
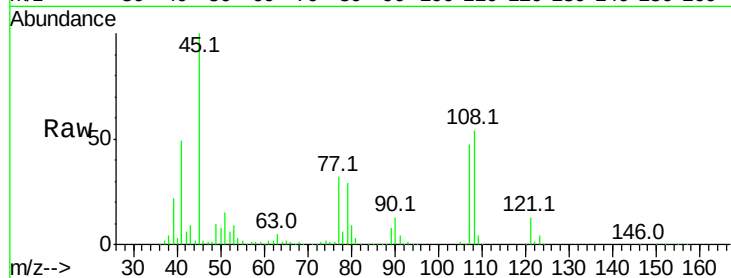
#17
2-Methylphenol
Concen: 39.83 ng
RT: 6.98 min Scan# 428
Delta R.T. -0.00 min
Lab File: BF086828.D
Acq: 9 May 2016 17:50

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
107	100	412749		
108	114.3	93.7	140.5	
77	68.1	33.4	50.0#	
79	62.3	34.3	51.5#	

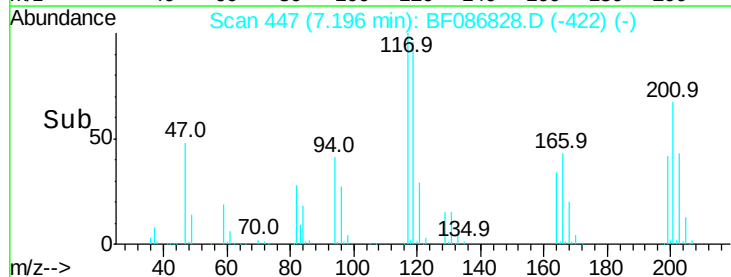
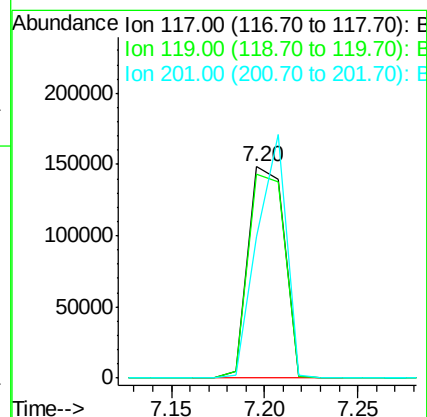
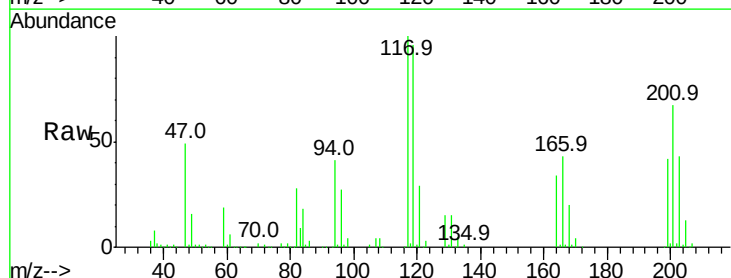
Manual Integrations
APPROVED

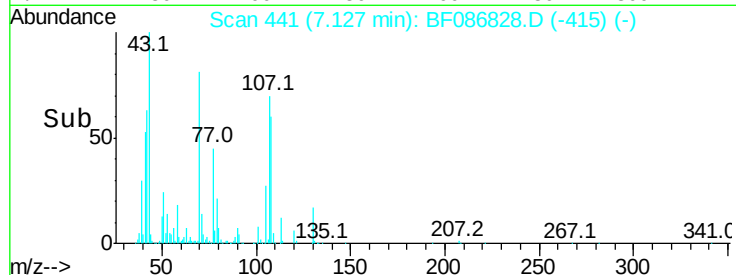
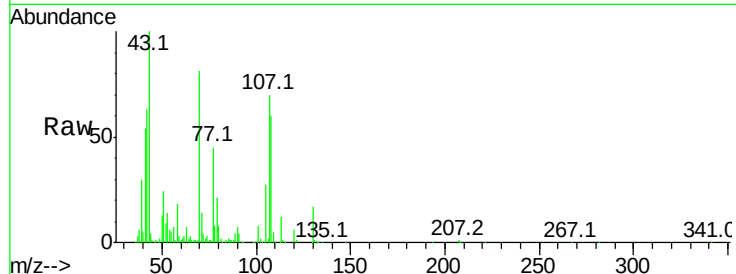
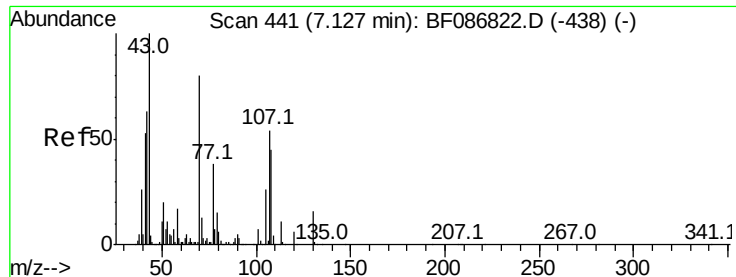
sohil
5/10/2016 11:05:49 AM



#18
Hexachloroethane
Concen: 37.30 ng
RT: 7.20 min Scan# 447
Delta R.T. -0.01 min
Lab File: BF086828.D
Acq: 9 May 2016 17:50

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	201651		
119	96.4	76.5	114.7	
201	66.7	63.0	94.6	





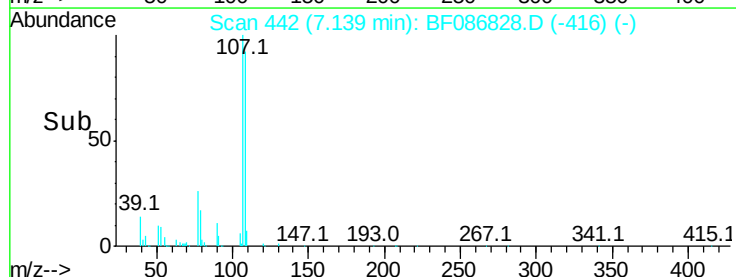
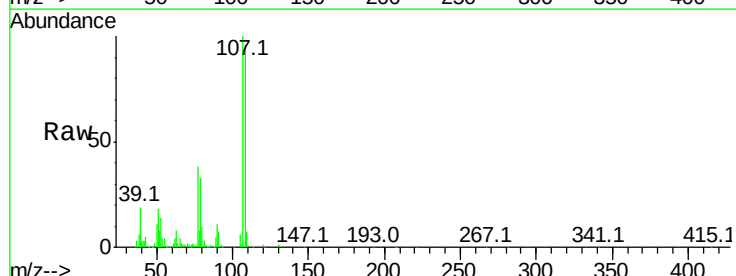
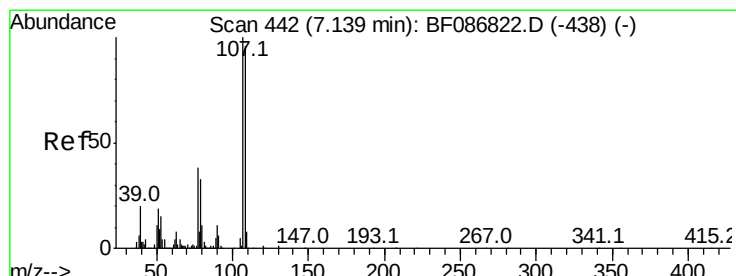
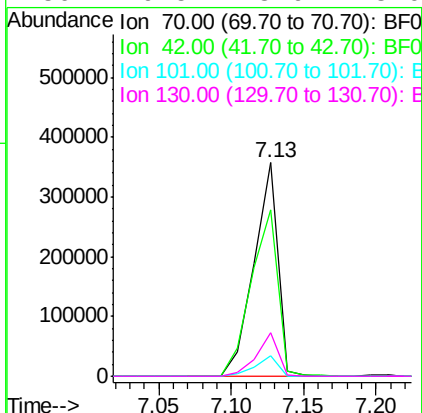
#19
n-Nitroso-di-n-propylamine
Concen: 40.83 ng
RT: 7.13 min Scan# 441
Delta R.T. -0.00 min
Lab File: BF086828.D
Acq: 9 May 2016 17:50

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
70	100		
42	77.7	43.1	64.7#
101	9.3	8.1	12.1
130	20.5	18.6	28.0

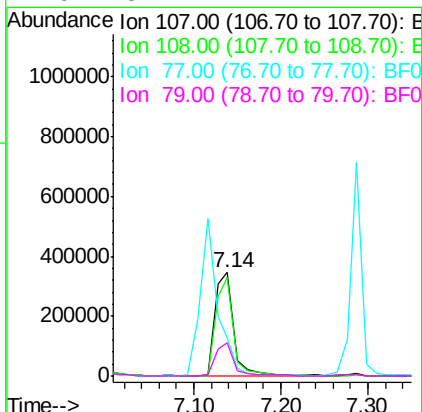
Manual Integrations
APPROVED

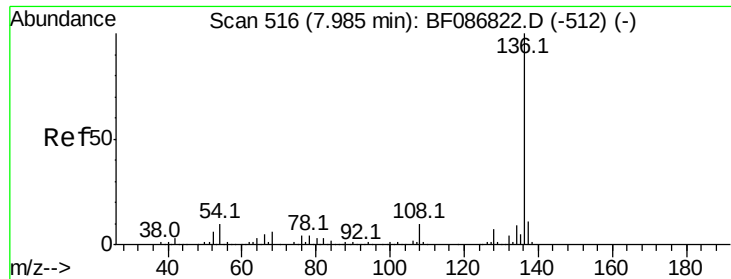
sohil
5/10/2016 11:05:49 AM



#20
3+4-Methylphenols
Concen: 38.91 ng
RT: 7.14 min Scan# 442
Delta R.T. -0.00 min
Lab File: BF086828.D
Acq: 9 May 2016 17:50

Tgt Ion	Ratio	Lower	Upper
107	100		
108	95.8	68.5	108.5
77	37.6	101.6	141.6#
79	32.7	7.4	47.4





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.98 min Scan# 516

Delta R.T. -0.00 min

Lab File: BF086828.D

Acq: 9 May 2016 17:50

Instrument :

BNA_F

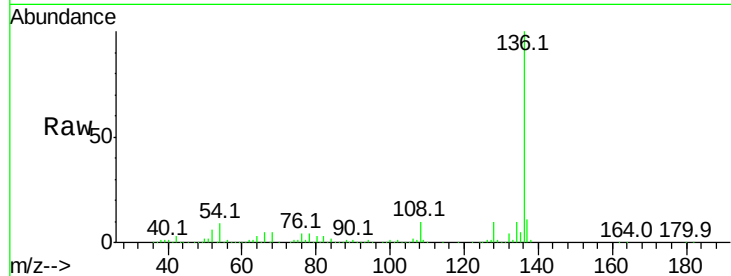
ClientSampleId :

SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
136	100	780968		
137	10.6	8.8	13.2	
54	9.3	5.0	7.4#	
68	5.5	4.4	6.6	

Manual Integrations
APPROVED

sohil
5/10/2016 11:05:49 AM



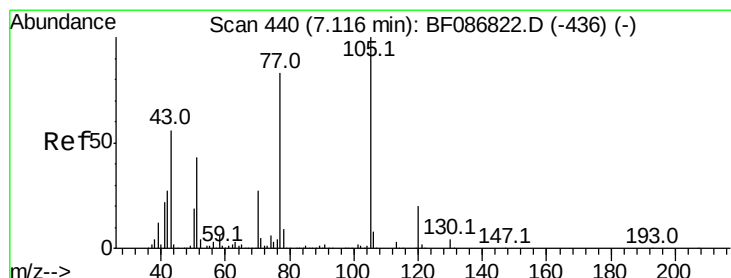
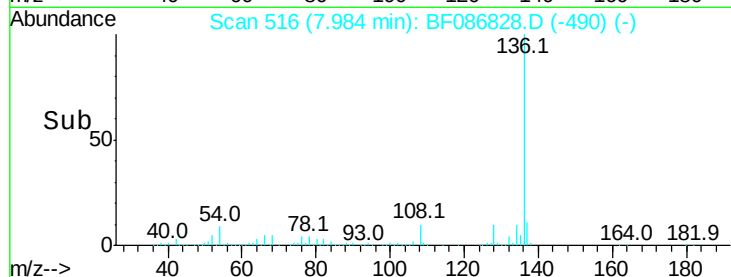
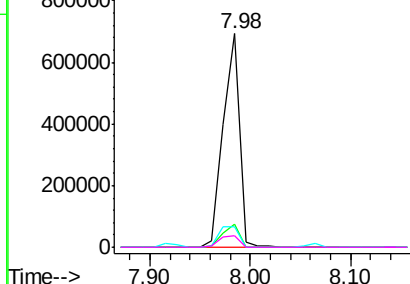
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 37.22 ng

RT: 7.12 min Scan# 440

Delta R.T. -0.00 min

Lab File: BF086828.D

Acq: 9 May 2016 17:50

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	686539		
71	5.1	4.8	7.2	
51	41.4	32.6	49.0	
120	20.9	16.5	24.7	

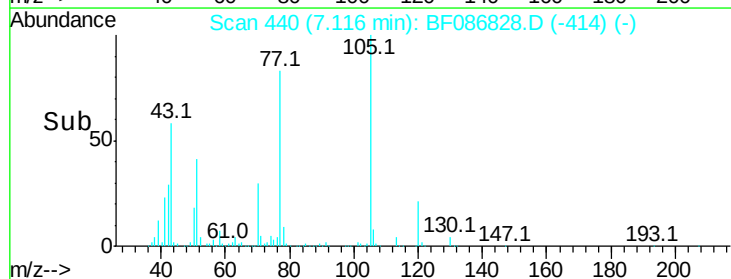
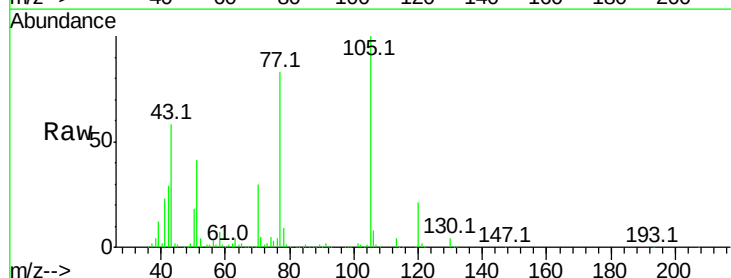
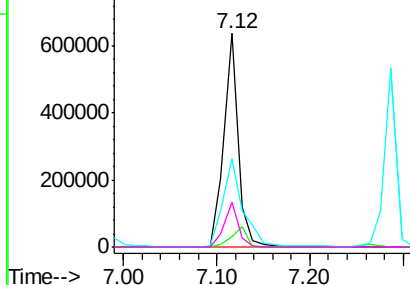
Abundance

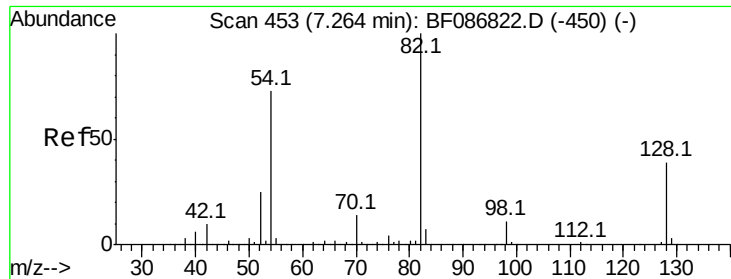
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E





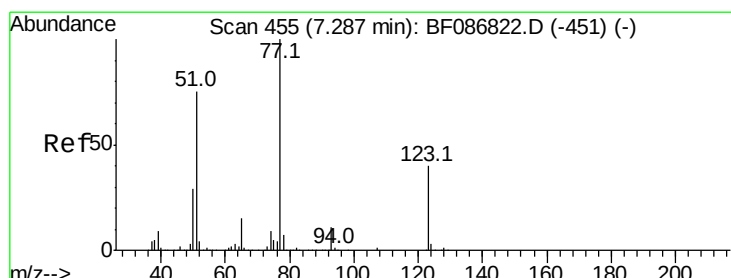
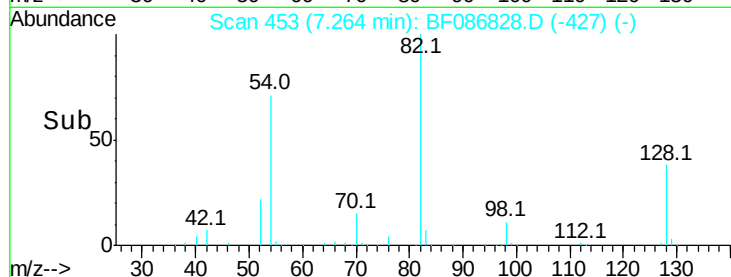
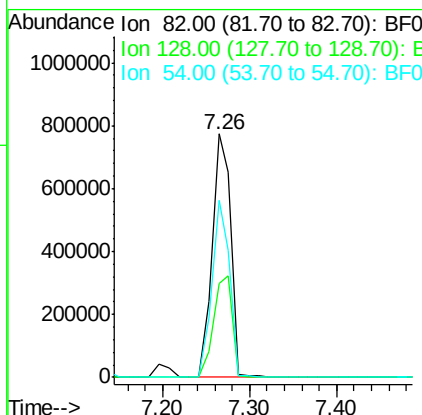
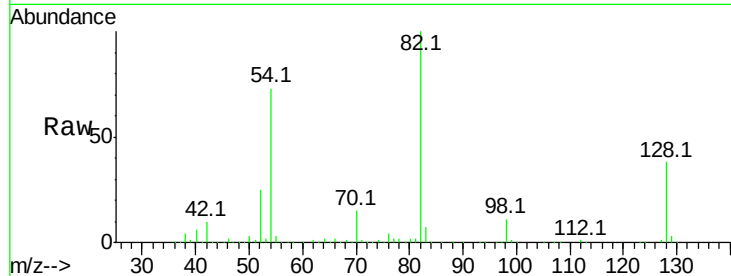
#23
 Nitrobenzene-d5
 Concen: 75.24 ng
 RT: 7.26 min Scan# 453
 Delta R.T. -0.00 min
 Lab File: BF086828.D
 Acq: 9 May 2016 17:50

Instrument :
 BNA_F
 ClientSampled :
 SSTCCCC040

Tot Ion: 82 Resp: 1170235
 Ion Ratio Lower Upper
 82 100
 128 38.4 40.6 61.0#
 54 72.7 38.1 57.1#

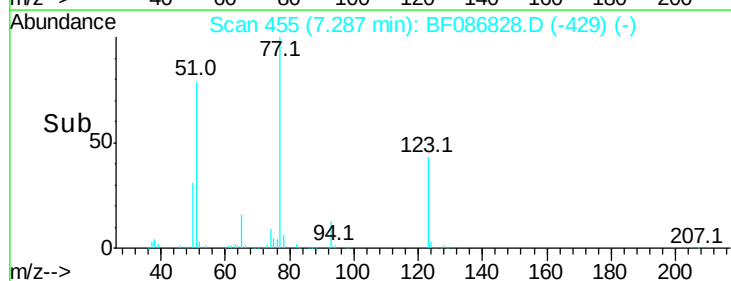
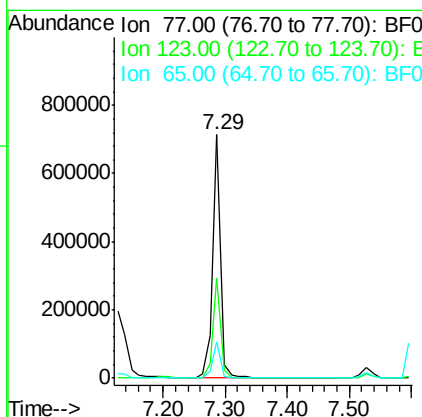
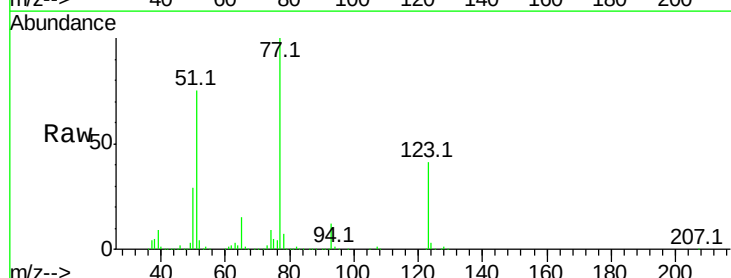
Manual Integrations
 APPROVED

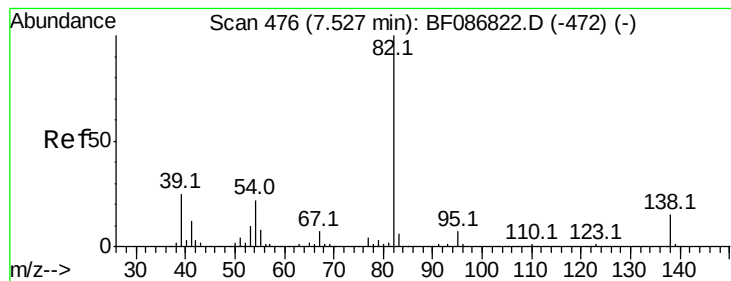
sohil
 5/10/2016 11:05:49 AM



#24
 Nitrobenzene
 Concen: 39.15 ng
 RT: 7.29 min Scan# 455
 Delta R.T. -0.00 min
 Lab File: BF086828.D
 Acq: 9 May 2016 17:50

Tgt Ion: 77 Resp: 626337
 Ion Ratio Lower Upper
 77 100
 123 41.3 33.0 49.4
 65 15.1 10.8 16.2





#25

Isophorone

Concen: 36.92 ng

RT: 7.53 min Scan# 476

Delta R.T. -0.00 min

Lab File: BF086828.D

Acq: 9 May 2016 17:50

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion: 82 Resp: 1065443

Ion Ratio Lower Upper

82 100

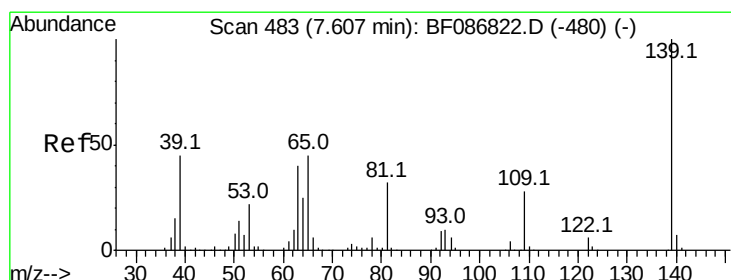
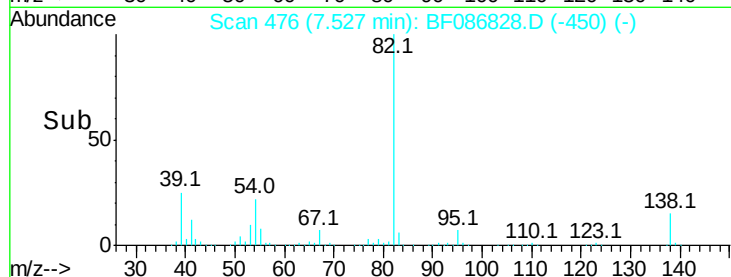
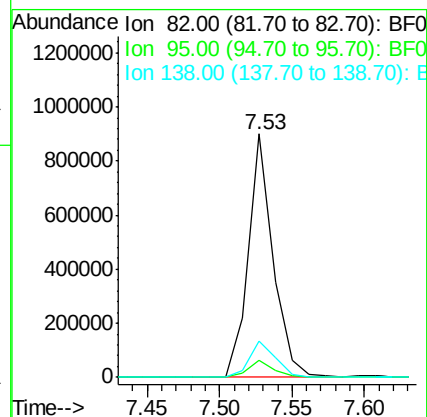
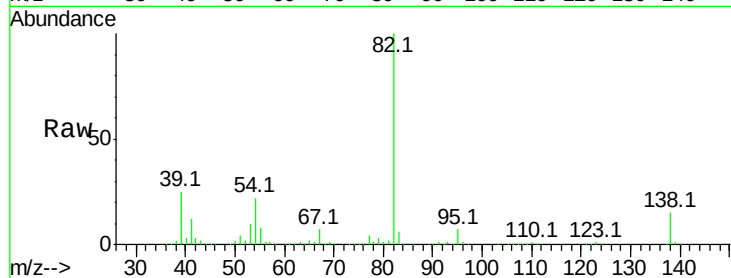
95 7.0 5.1 7.7

138 14.7 12.4 18.6

Manual Integrations
APPROVED

sohil

5/10/2016 11:05:49 AM



#26

2-Nitrophenol

Concen: 39.59 ng

RT: 7.61 min Scan# 483

Delta R.T. -0.00 min

Lab File: BF086828.D

Acq: 9 May 2016 17:50

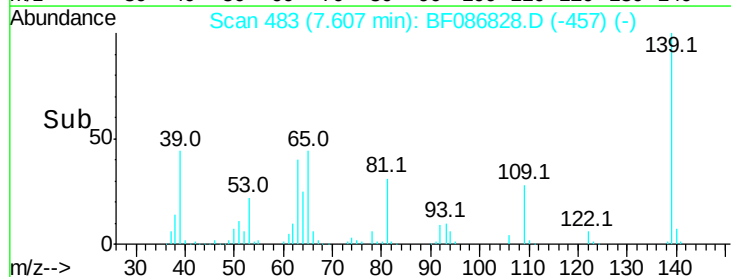
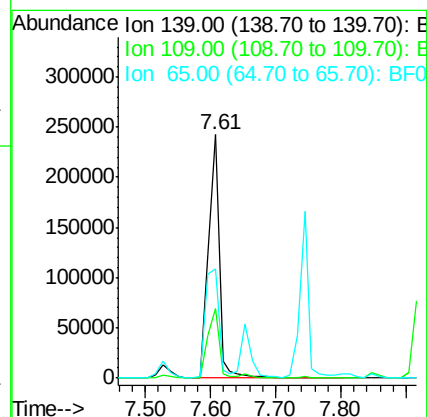
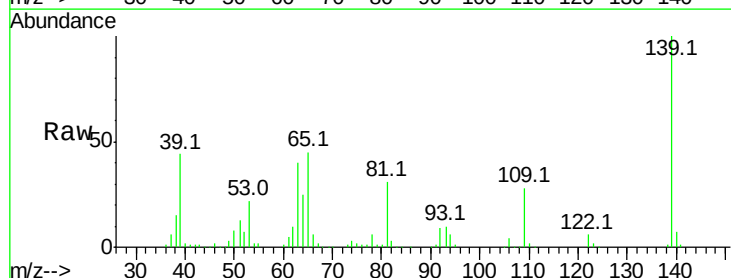
Tgt Ion: 139 Resp: 278439

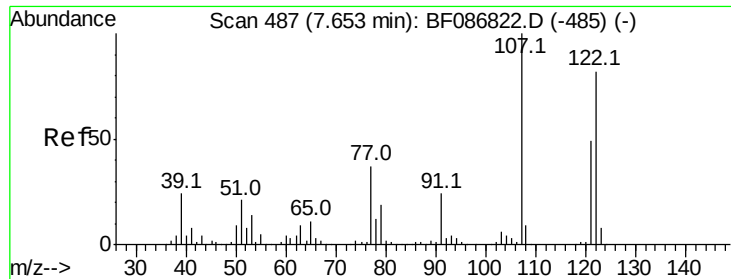
Ion Ratio Lower Upper

139 100

109 28.3 19.5 29.3

65 44.7 37.5 56.3





#27

2,4-Dimethylphenol

Concen: 34.61 ng

RT: 7.65 min Scan# 487

Delta R.T. -0.00 min

Lab File: BF086828.D

Acq: 9 May 2016 17:50

Instrument :

BNA_F

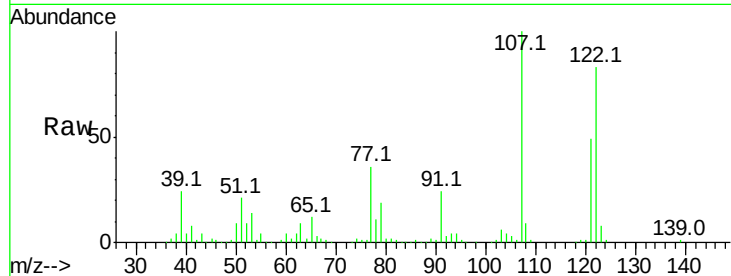
ClientSampleId :

SSTDCCC040

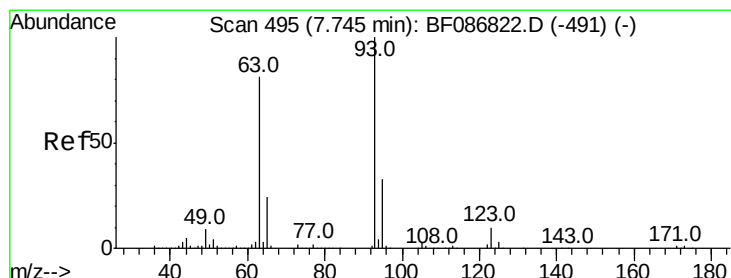
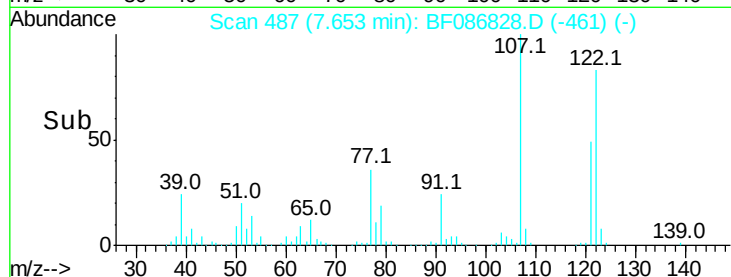
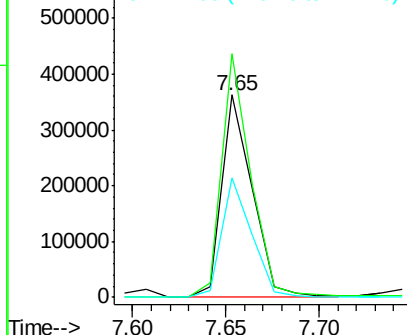
Tot Ion:	122	Resp:	414664
Ion Ratio	Lower	Upper	
122	100		
107	120.3	82.0	123.0
121	58.9	46.1	69.1

Manual Integrations
APPROVED

sohil
5/10/2016 11:05:49 AM



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: 39.77 ng

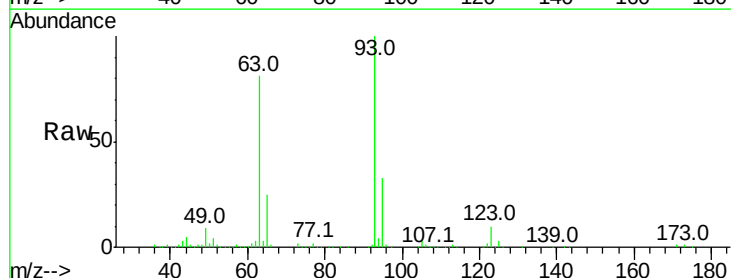
RT: 7.74 min Scan# 495

Delta R.T. -0.00 min

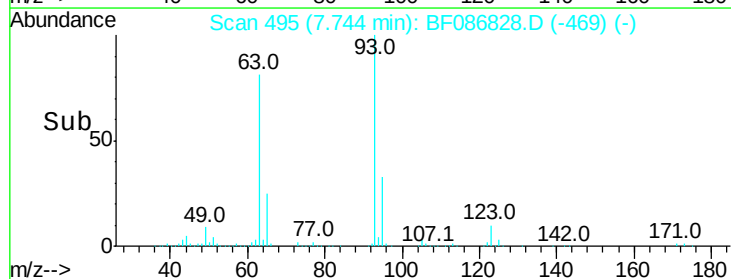
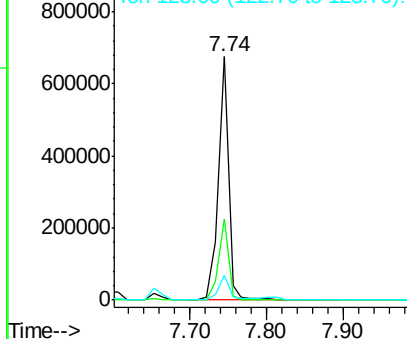
Lab File: BF086828.D

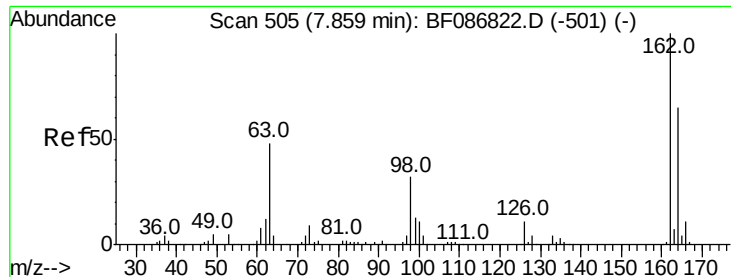
Acq: 9 May 2016 17:50

Tgt Ion:	93	Resp:	619016
Ion Ratio	Lower	Upper	
93	100		
95	33.1	26.0	39.0
123	10.3	9.5	14.3



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





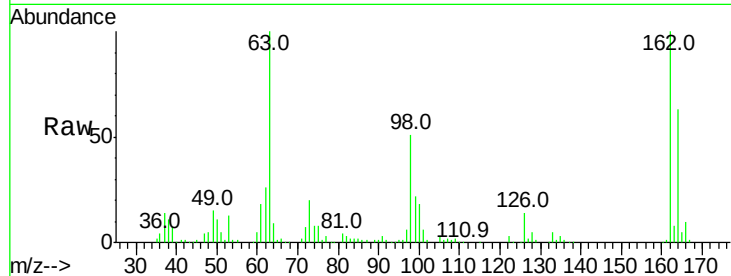
#29
 2,4-Dichlorophenol
 Concen: 37.06 ng
 RT: 7.85 min Scan# 504
 Delta R.T. -0.01 min
 Lab File: BF086828.D
 Acq: 9 May 2016 17:50

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

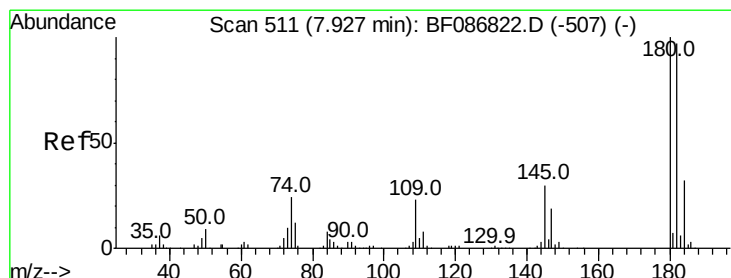
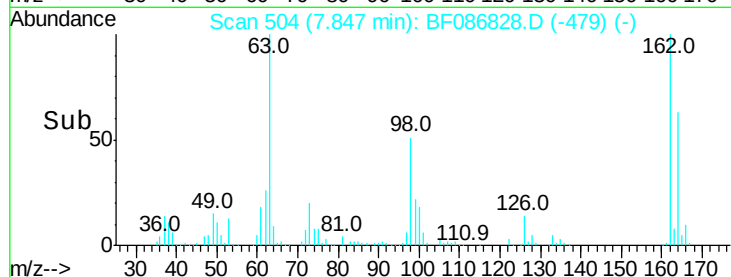
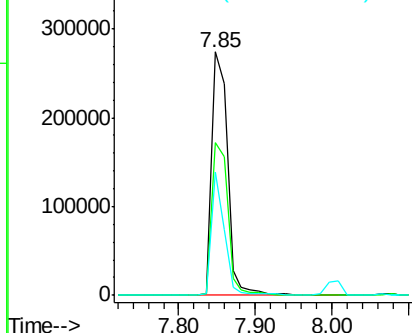
Tot Ion:	162	Resp:	390813
Ion Ratio	Lower	Upper	
162	100		
164	63.0	42.2	82.2
98	50.8	19.0	59.0

Manual Integrations
 APPROVED

sohil
 5/10/2016 11:05:49 AM

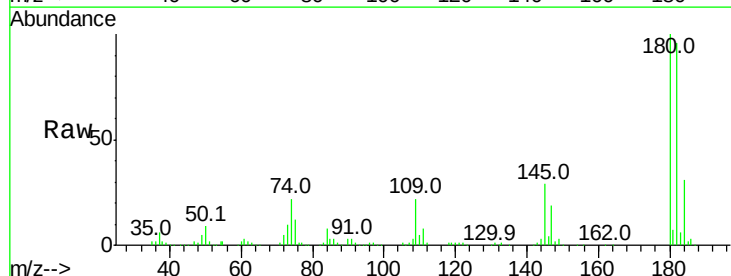


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

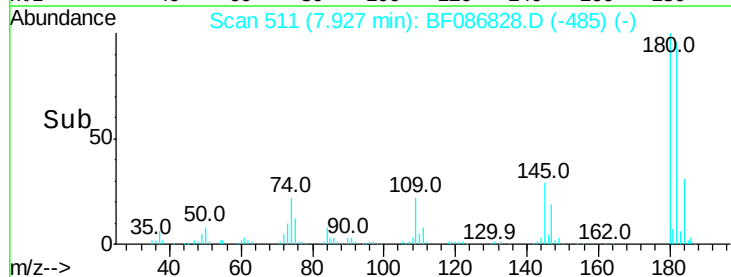
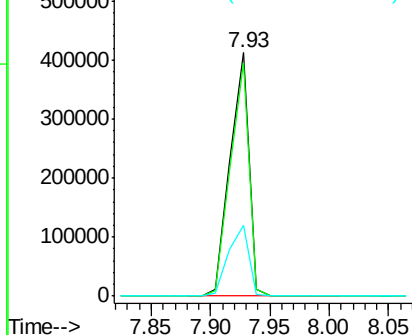


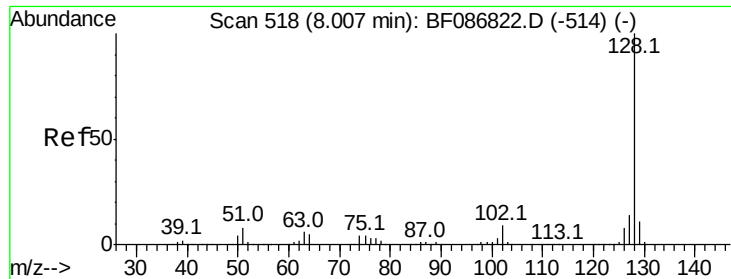
#30
 1,2,4-Trichlorobenzene
 Concen: 38.63 ng
 RT: 7.93 min Scan# 511
 Delta R.T. -0.00 min
 Lab File: BF086828.D
 Acq: 9 May 2016 17:50

Tgt Ion:	180	Resp:	455440
Ion Ratio	Lower	Upper	
180	100		
182	95.6	78.0	117.0
145	29.3	24.2	36.2



Abundance Ion 180.00 (179.70 to 180.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 145.00 (144.70 to 145.70): E





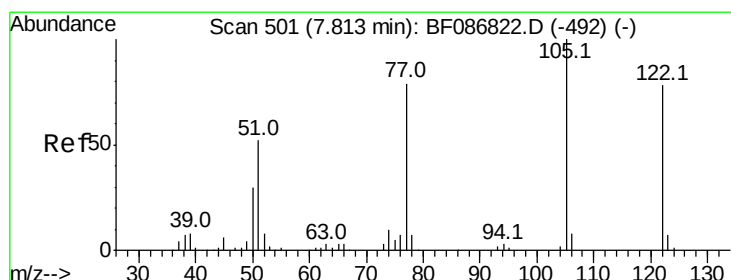
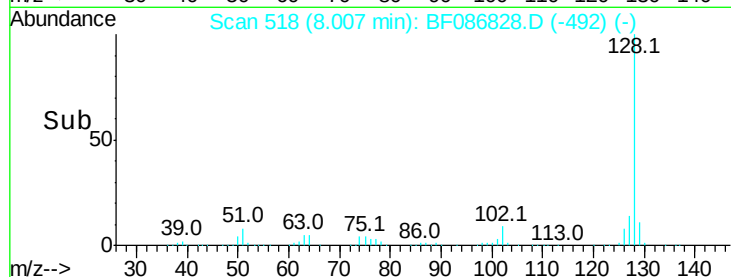
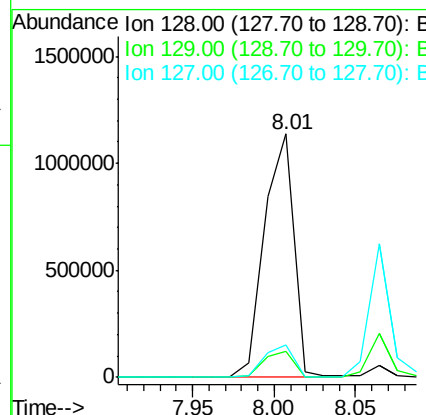
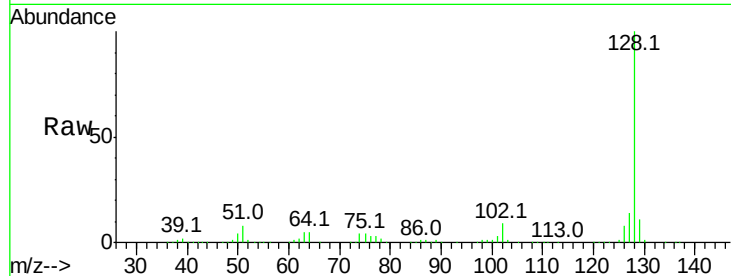
#31
Naphthalene
Concen: 36.66 ng
RT: 8.01 min Scan# 518
Delta R.T. -0.00 min
Lab File: BF086828.D
Acq: 9 May 2016 17:50

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:128 Resp: 1434045
Ion Ratio Lower Upper
128 100
129 10.9 8.6 13.0
127 13.5 10.8 16.2

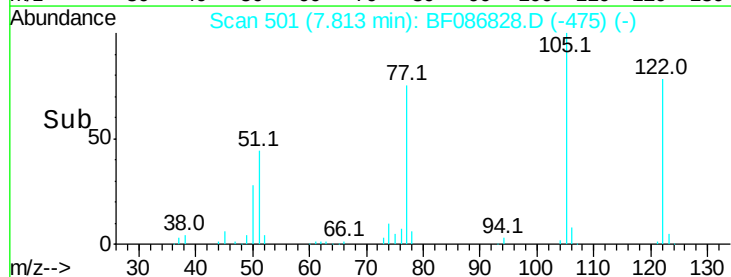
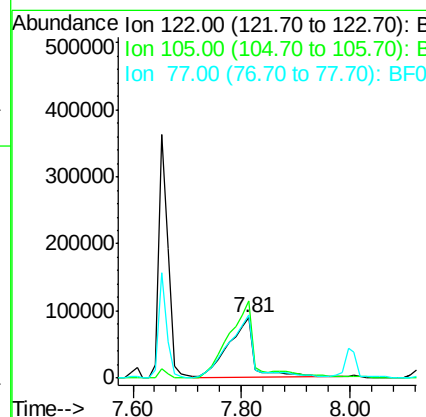
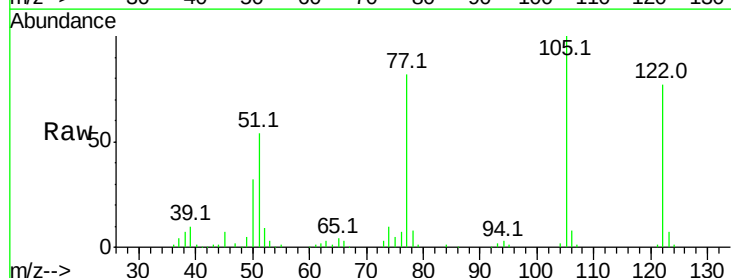
Manual Integrations
APPROVED

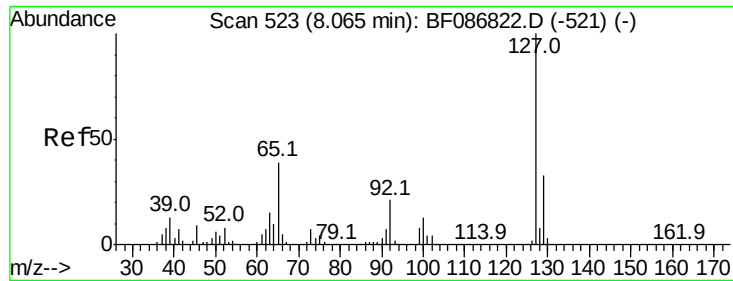
sohil
5/10/2016 11:05:49 AM



#32
Benzoic acid
Concen: 41.92 ng
RT: 7.81 min Scan# 501
Delta R.T. -0.00 min
Lab File: BF086828.D
Acq: 9 May 2016 17:50

Tgt Ion:122 Resp: 294939
Ion Ratio Lower Upper
122 100
105 129.3 92.6 132.6
77 105.4 60.0 100.0#





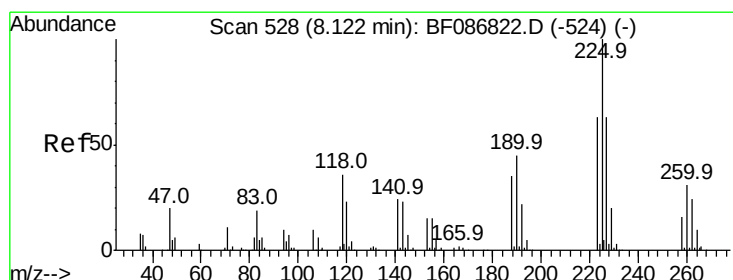
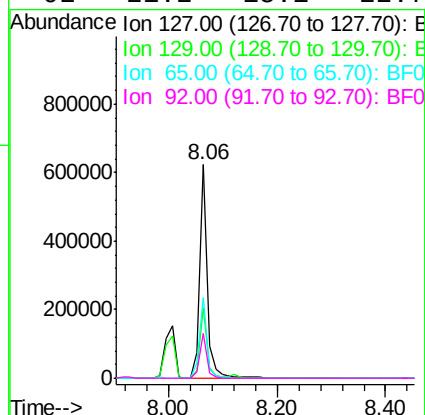
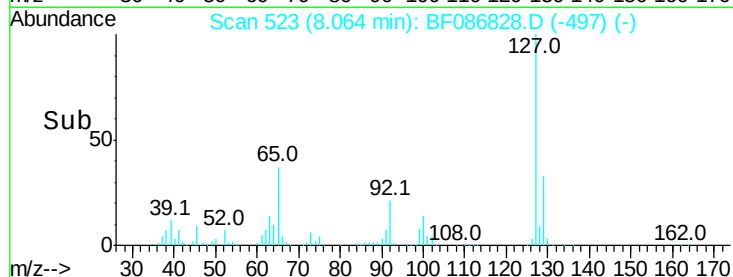
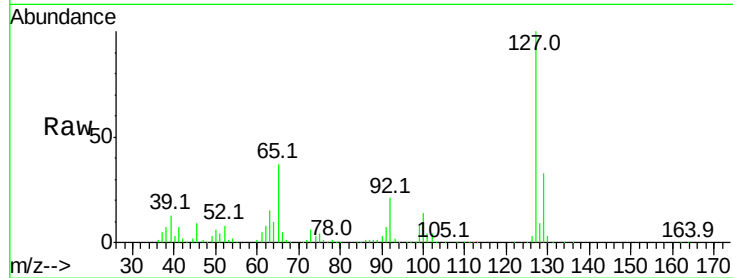
#33
4-Chloroaniline
Concen: 38.83 ng
RT: 8.06 min Scan# 523
Delta R.T. -0.00 min
Lab File: BF086828.D
Acq: 9 May 2016 17:50

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	33.2	26.2	39.4		
65	37.5	23.0	34.4		
92	21.2	15.1	22.7		

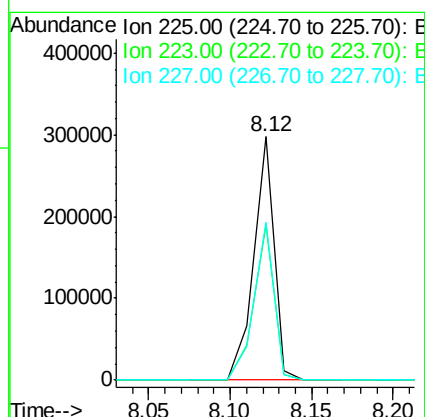
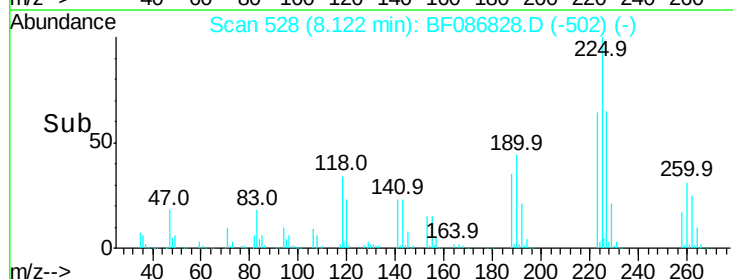
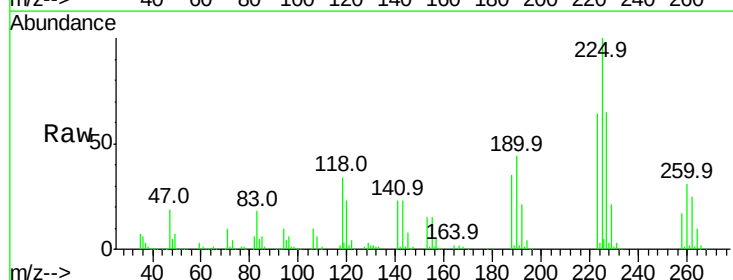
Manual Integrations
APPROVED

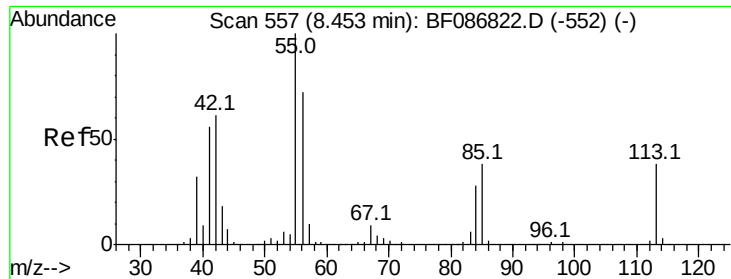
sohil
5/10/2016 11:05:49 AM



#34
Hexachlorobutadiene
Concen: 37.78 ng
RT: 8.12 min Scan# 528
Delta R.T. -0.00 min
Lab File: BF086828.D
Acq: 9 May 2016 17:50

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	63.7	51.5	77.3		
227	65.0	52.2	78.2		





#35

Caprolactam

Concen: 36.20 ng

RT: 8.45 min Scan# 557

Delta R.T. -0.00 min

Lab File: BF086828.D

Acq: 9 May 2016 17:50

Instrument :

BNA_F

ClientSampled :

SSTDCCC040

Tot Ion:113 Resp: 129853
Ion Ratio Lower Upper

113 100

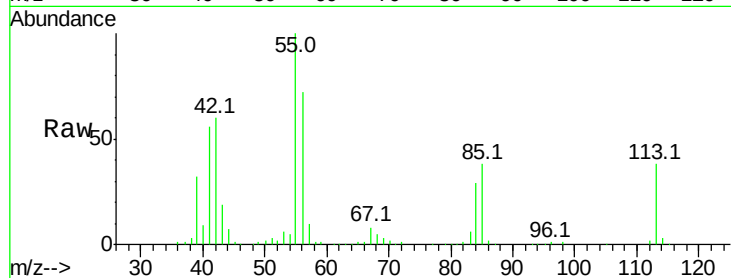
55 261.0 162.0 202.0#

56 189.2 115.3 155.3#

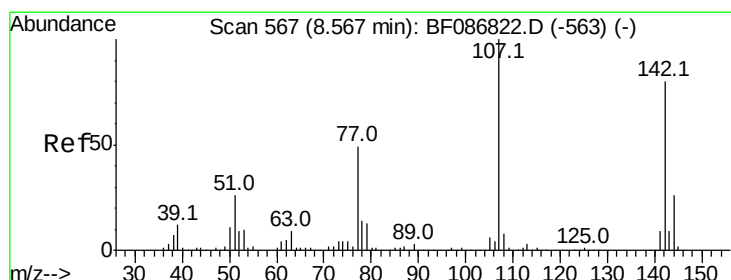
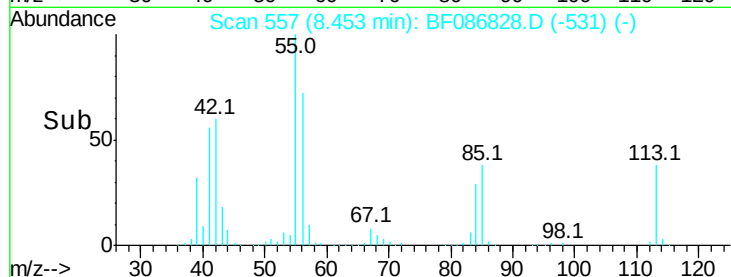
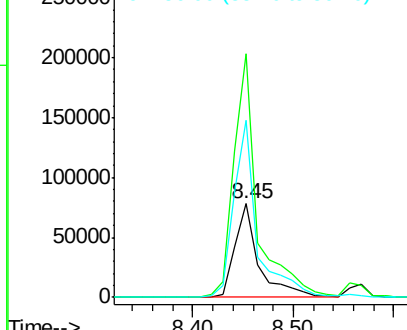
Manual Integrations
APPROVED

sohil

5/10/2016 11:05:49 AM



Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BF0
Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 36.62 ng

RT: 8.57 min Scan# 567

Delta R.T. -0.00 min

Lab File: BF086828.D

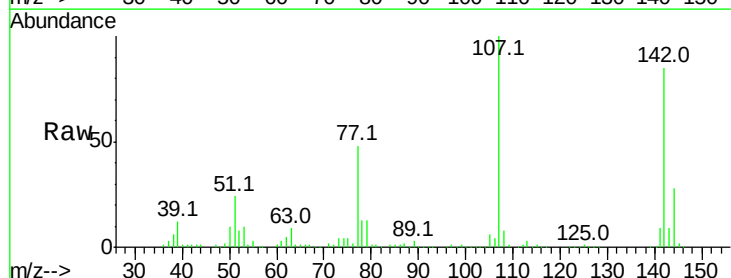
Acq: 9 May 2016 17:50

Tgt Ion:107 Resp: 468314
Ion Ratio Lower Upper

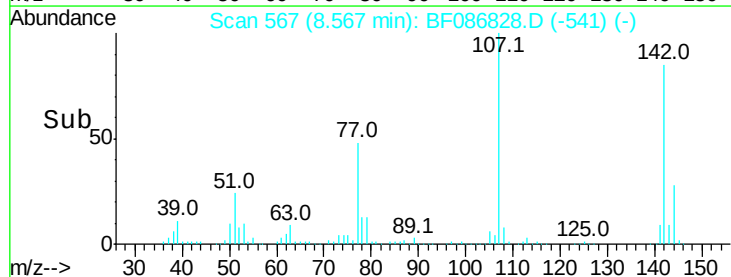
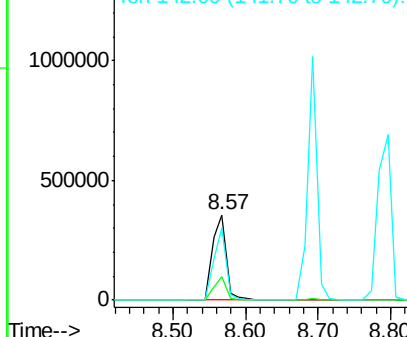
107 100

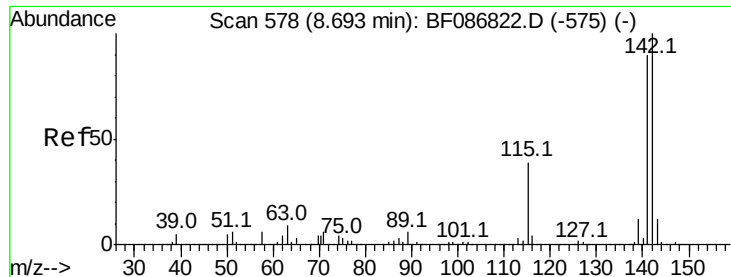
144 27.7 20.7 31.1

142 84.9 63.2 94.8



Abundance Ion 107.00 (106.70 to 107.70): E
Ion 144.00 (143.70 to 144.70): E
Ion 142.00 (141.70 to 142.70): E





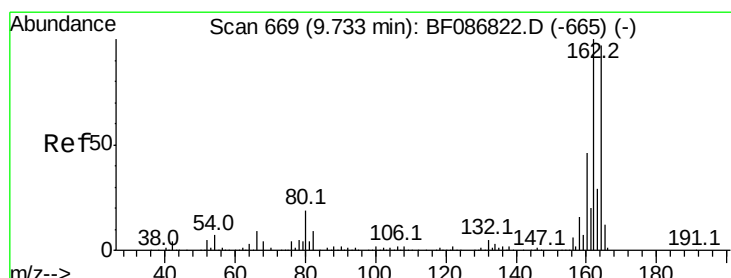
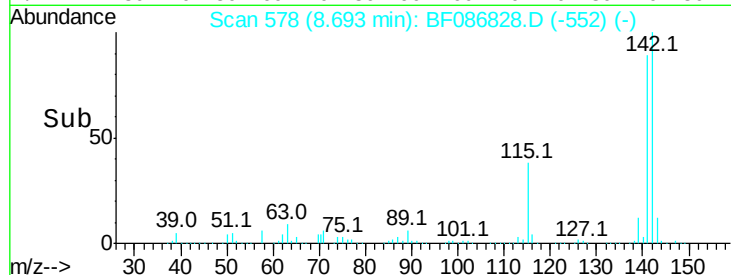
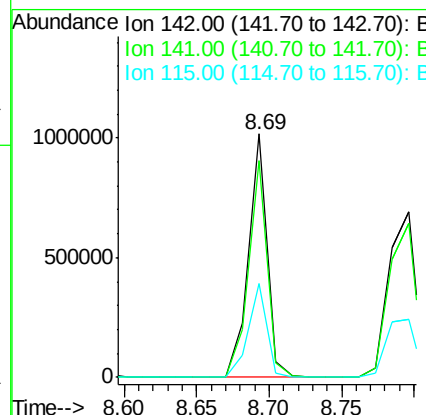
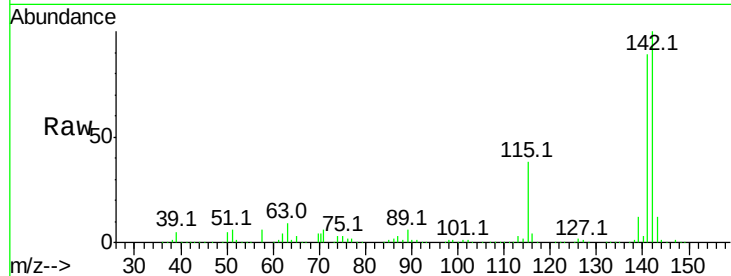
#37
2-Methylnaphthalene
Concen: 39.53 ng
RT: 8.69 min Scan# 578
Delta R.T. -0.00 min
Lab File: BF086828.D
Acq: 9 May 2016 17:50

Instrument :
BNA_F
ClientSampled :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.1	71.0	106.6
115	38.3	26.6	39.8

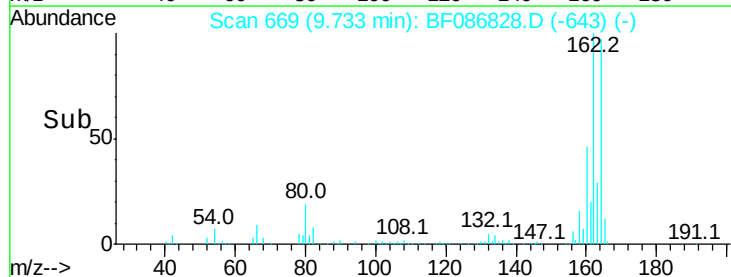
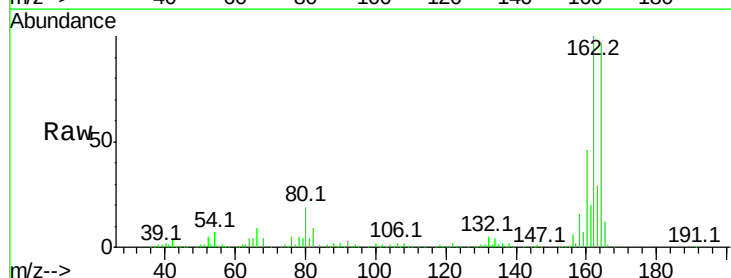
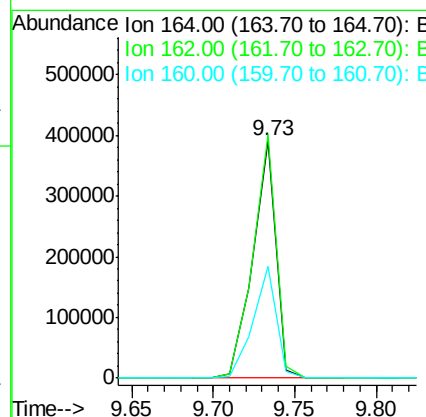
Manual Integrations
APPROVED

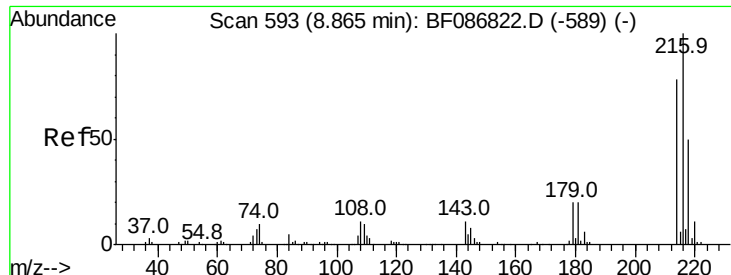
sohil
5/10/2016 11:05:49 AM



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.73 min Scan# 669
Delta R.T. -0.00 min
Lab File: BF086828.D
Acq: 9 May 2016 17:50

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.6	82.8	124.2
160	47.1	36.9	55.3





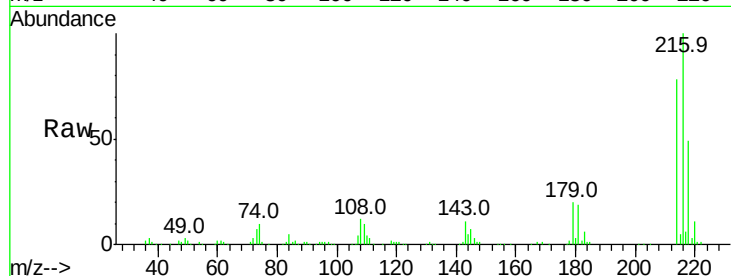
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 36.83 ng
 RT: 8.86 min Scan# 593
 Delta R.T. -0.00 min
 Lab File: BF086828.D
 Acq: 9 May 2016 17:50

Instrument :
 BNA_F
 ClientSampleId :
 SSTCCCC040

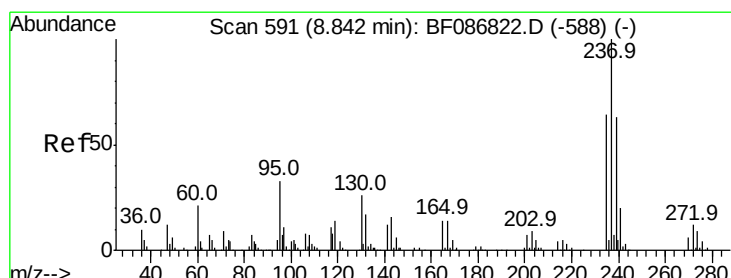
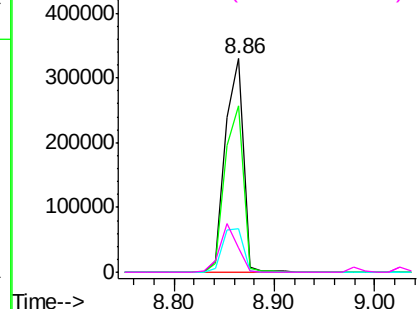
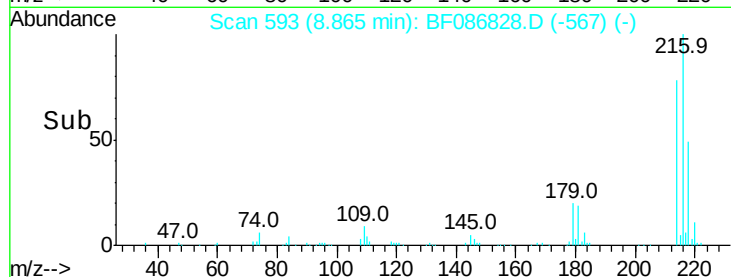
Tot Ion	Ratio	Resp	Lower	Upper
216	100	412206		
214	79.3	62.6	93.8	
179	23.1	18.2	27.4	
108	22.5	17.5	26.3	

Manual Integrations
 APPROVED

sohil
 5/10/2016 11:05:49 AM

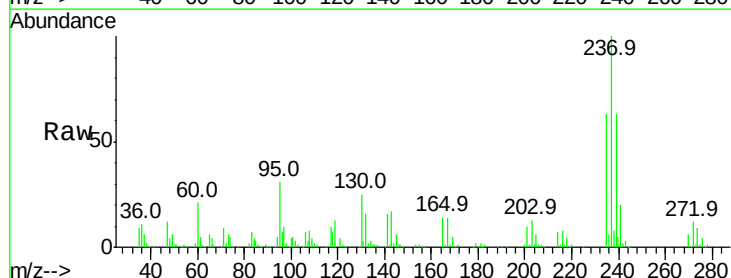


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

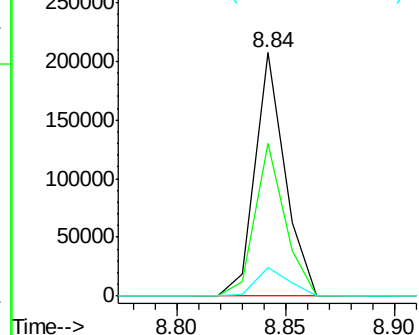
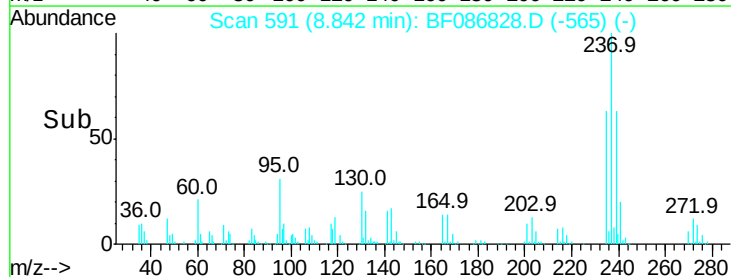


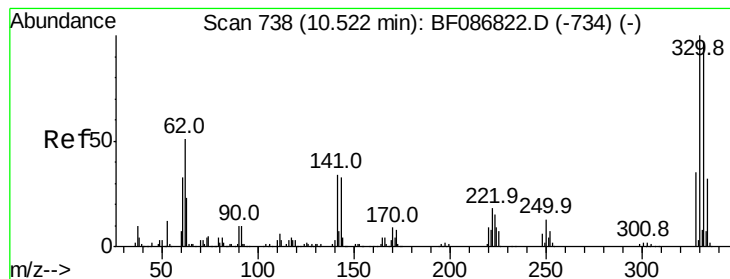
#40
 Hexachlorocyclopentadiene
 Concen: 37.25 ng
 RT: 8.84 min Scan# 591
 Delta R.T. -0.00 min
 Lab File: BF086828.D
 Acq: 9 May 2016 17:50

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	197888		
235	63.0	47.2	87.2	
272	11.7	0.0	31.1	



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





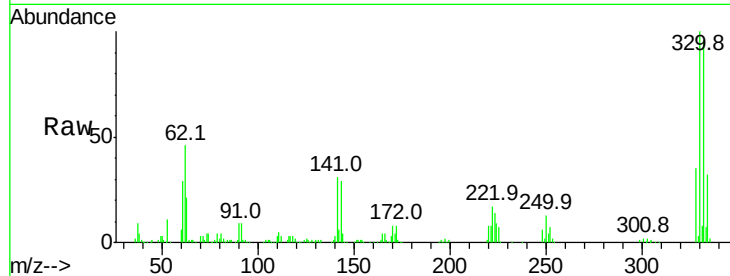
#41
 2,4,6-Tribromophenol
 Concen: 75.74 ng
 RT: 10.52 min Scan# 738
 Delta R.T. -0.00 min
 Lab File: BF086828.D
 Acq: 9 May 2016 17:50

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

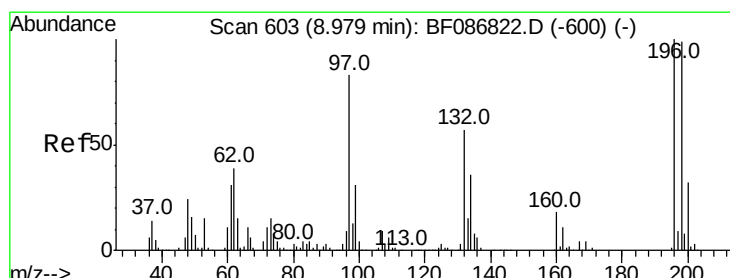
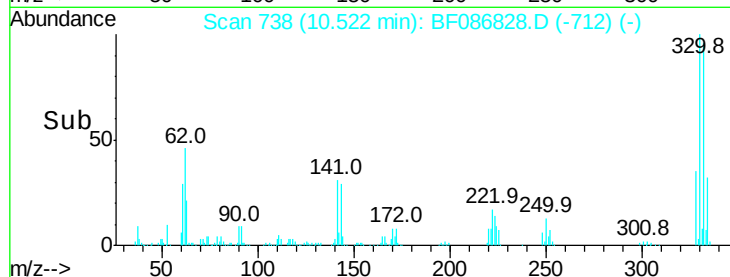
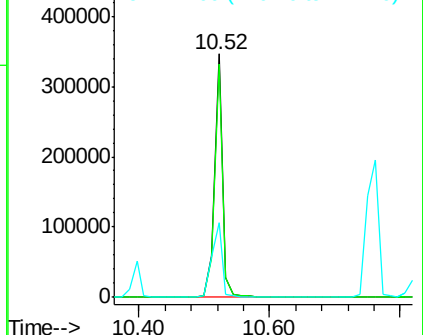
Tot Ion	Ratio	Resp	Lower	Upper
330	100			
332	95.7	79.0	118.4	
141	38.3	31.2	46.8	

Manual Integrations
 APPROVED

sohil
 5/10/2016 11:05:49 AM

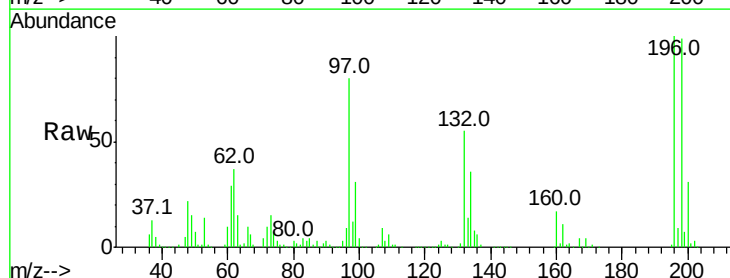


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

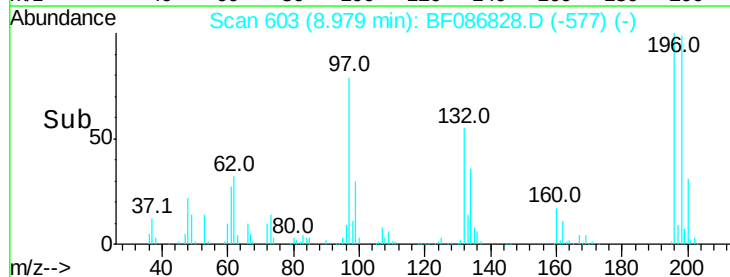
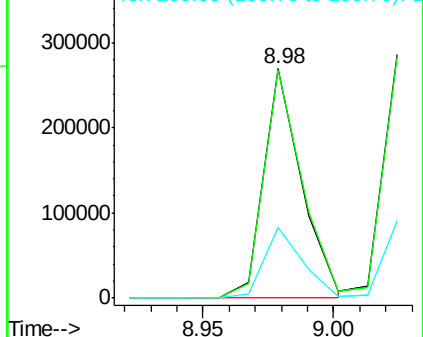


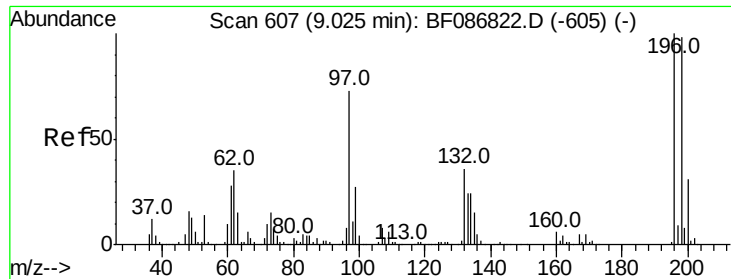
#42
 2,4,6-Trichlorophenol
 Concen: 35.85 ng
 RT: 8.98 min Scan# 603
 Delta R.T. -0.00 min
 Lab File: BF086828.D
 Acq: 9 May 2016 17:50

Tgt Ion	Ratio	Resp	Lower	Upper
196	100			
198	99.3	74.7	112.1	
200	31.1	23.8	35.6	



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





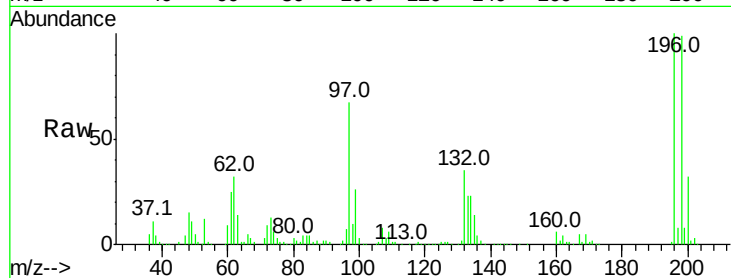
#43
 2,4,5-Trichlorophenol
 Concen: 37.62 ng
 RT: 9.02 min Scan# 607
 Delta R.T. -0.00 min
 Lab File: BF086828.D
 Acq: 9 May 2016 17:50

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ion	Ratio	Resp	Lower	Upper
196	100		291171		
198	99.0	77.5	116.3		
97	66.8	34.8	52.2#		
132	34.8	23.0	34.4#		

Manual Integrations
 APPROVED

sohil
 5/10/2016 11:05:49 AM



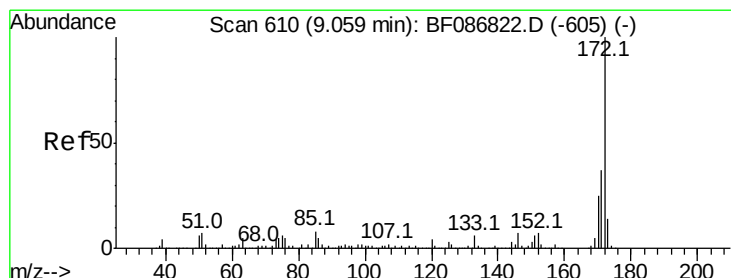
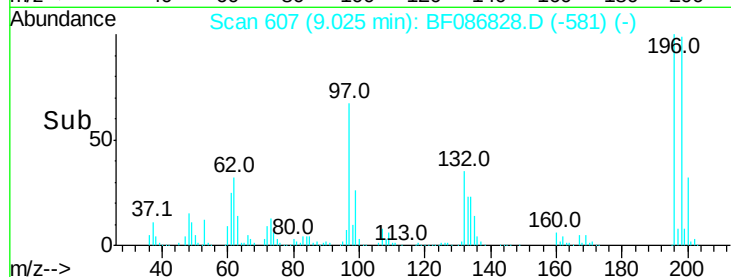
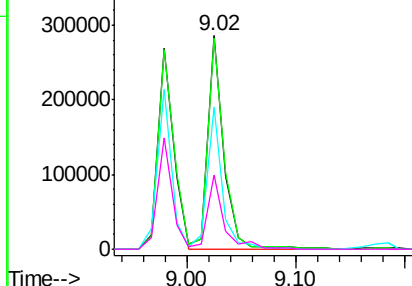
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

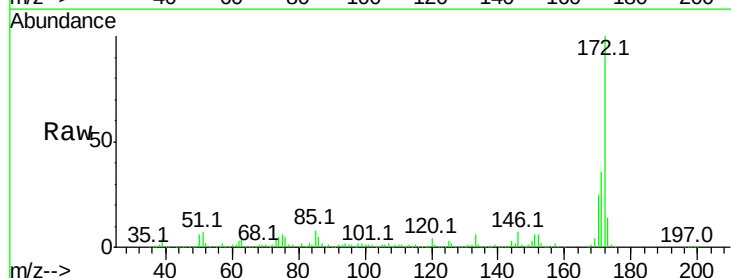
Ion 97.00 (96.70 to 97.70): BF0

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 68.09 ng
 RT: 9.06 min Scan# 610
 Delta R.T. -0.00 min
 Lab File: BF086828.D
 Acq: 9 May 2016 17:50

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
172	100		1559408		
171	36.3	29.0	43.6		
170	24.9	19.8	29.8		

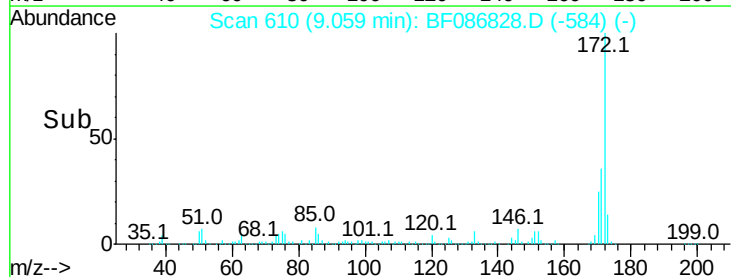
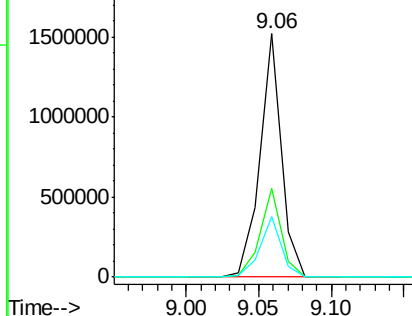


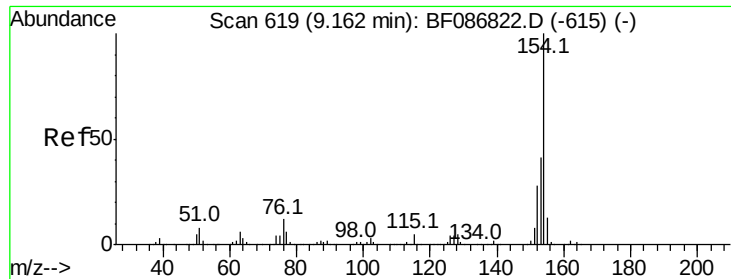
Abundance

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: 39.35 ng

RT: 9.16 min Scan# 619

Delta R.T. -0.00 min

Lab File: BF086828.D

Acq: 9 May 2016 17:50

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:154 Resp: 1204825

Ion Ratio Lower Upper

154 100

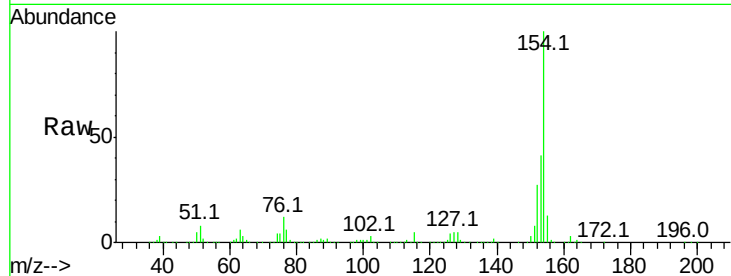
153 41.1 20.3 60.3

76 11.8 0.0 30.2

Manual Integrations
APPROVED

sohil

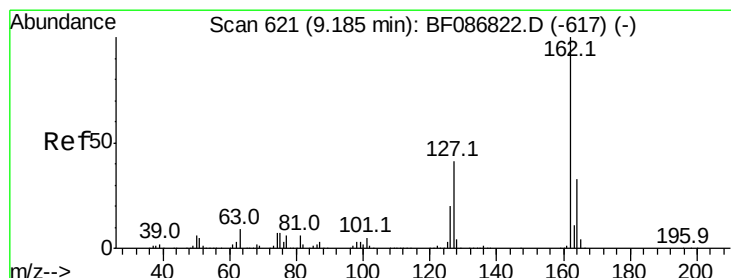
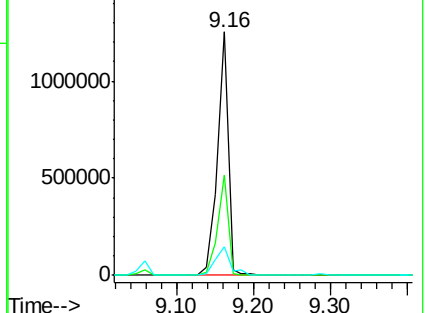
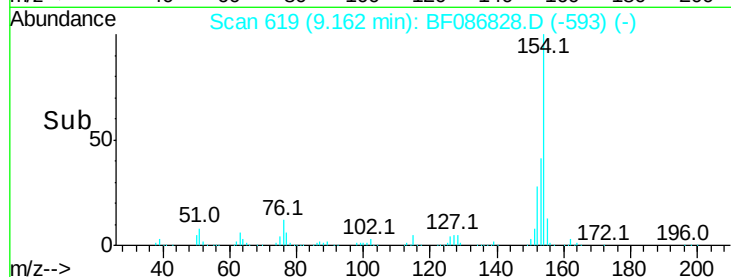
5/10/2016 11:05:49 AM



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: 38.85 ng

RT: 9.18 min Scan# 621

Delta R.T. -0.00 min

Lab File: BF086828.D

Acq: 9 May 2016 17:50

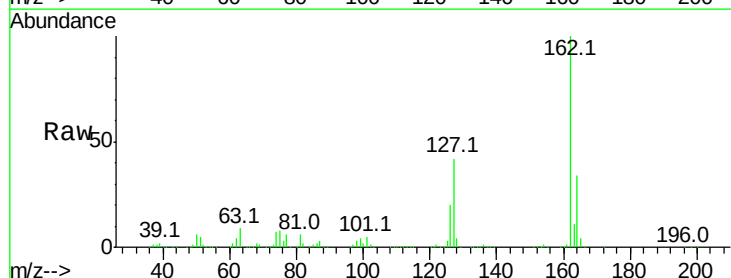
Tgt Ion:162 Resp: 931846

Ion Ratio Lower Upper

162 100

127 41.6 31.8 47.6

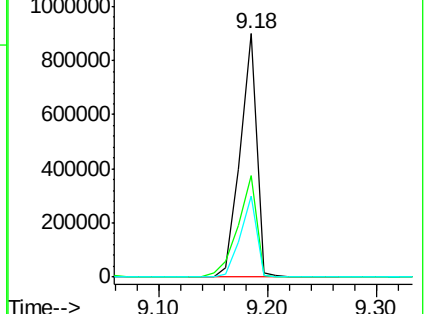
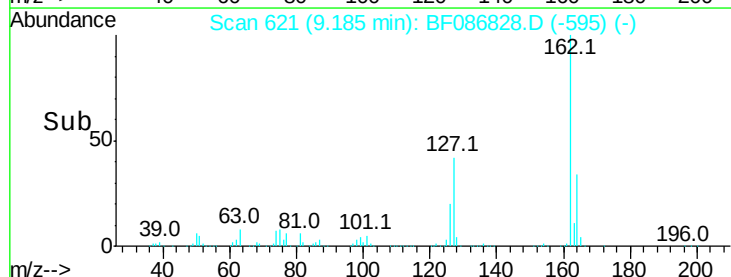
164 33.5 27.0 40.6

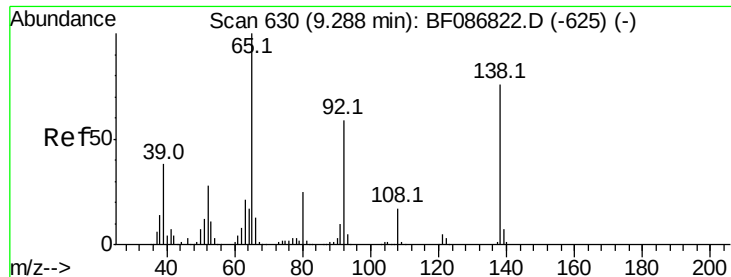


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 36.33 ng

RT: 9.29 min Scan# 630

Delta R.T. -0.00 min

Lab File: BF086828.D

Acq: 9 May 2016 17:50

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion: 65 Resp: 318494

Ion Ratio Lower Upper

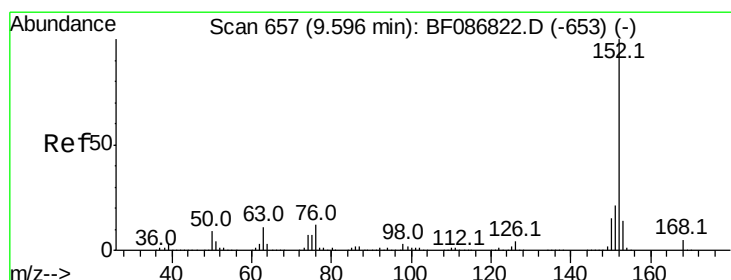
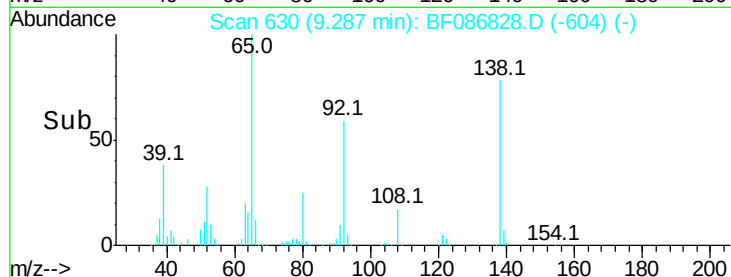
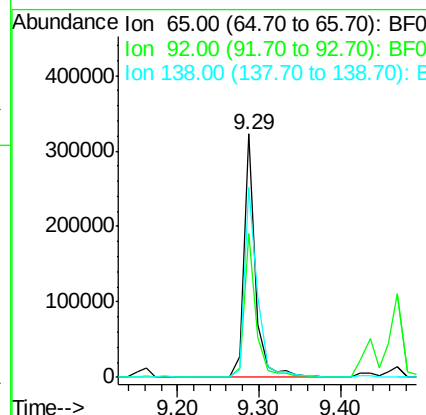
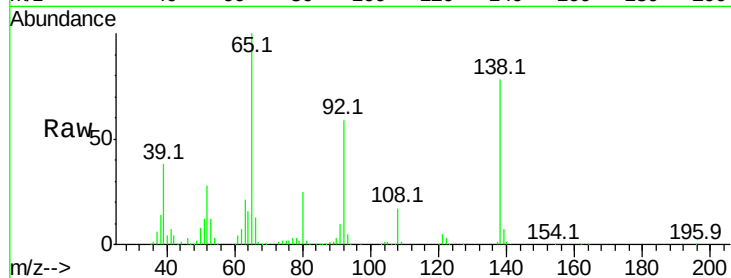
65 100

92 58.9 57.4 86.2

138 77.9 90.1 135.1#

Manual Integrations
APPROVED

sohil
5/10/2016 11:05:49 AM



#48

Acenaphthylene

Concen: 39.99 ng

RT: 9.60 min Scan# 657

Delta R.T. -0.00 min

Lab File: BF086828.D

Acq: 9 May 2016 17:50

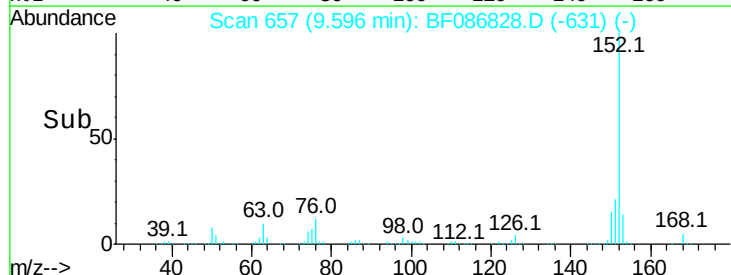
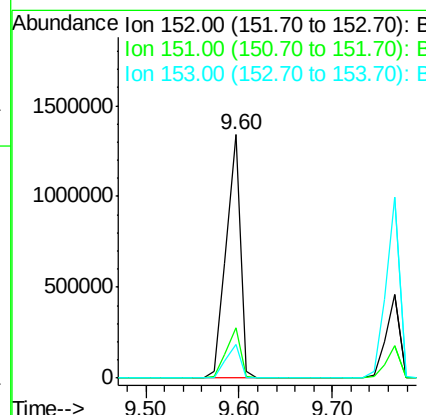
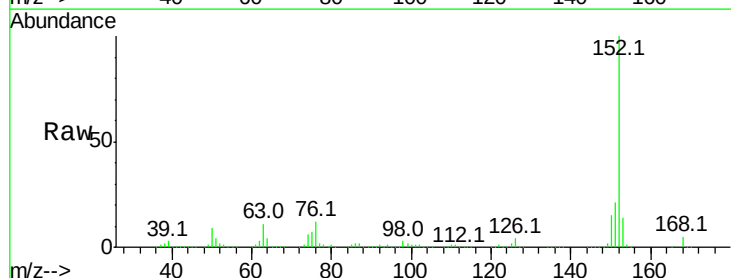
Tgt Ion:152 Resp: 1410868

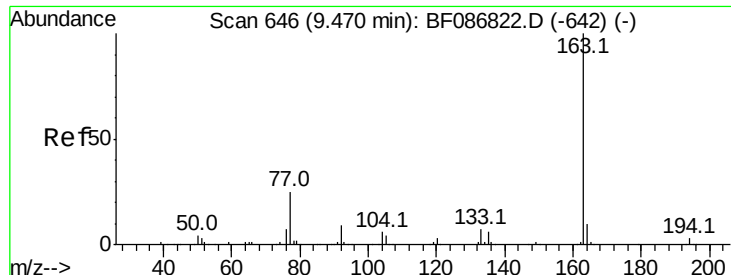
Ion Ratio Lower Upper

152 100

151 20.7 16.8 25.2

153 13.9 10.9 16.3





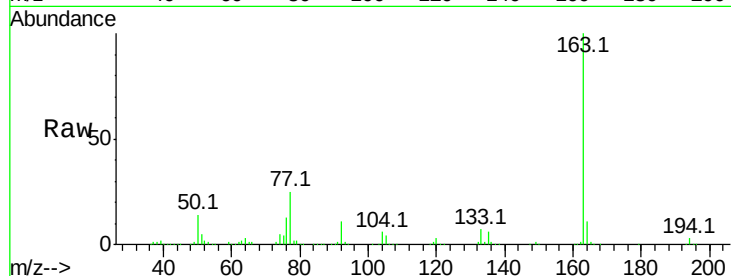
#49
Dimethylphthalate
Concen: 35.80 ng
RT: 9.47 min Scan# 646
Delta R.T. -0.00 min
Lab File: BF086828.D
Acq: 9 May 2016 17:50

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

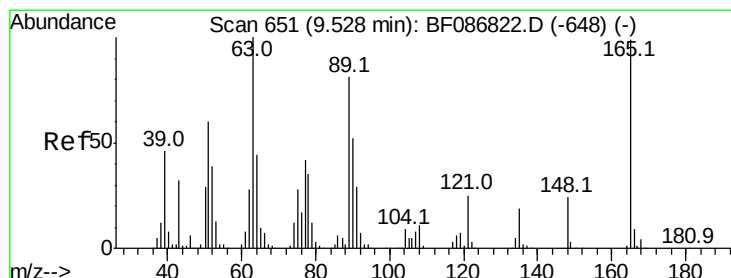
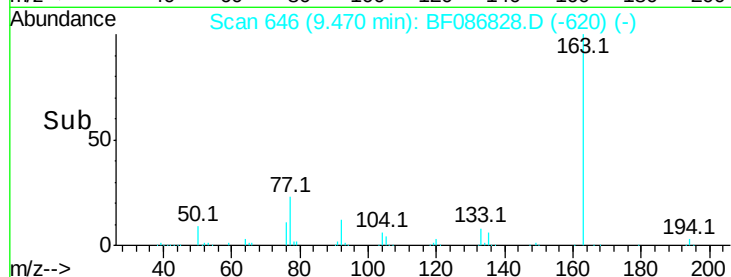
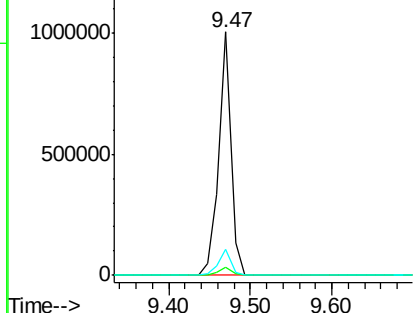
Tot Ion:163 Resp: 1051423
Ion Ratio Lower Upper
163 100
194 3.1 2.6 4.0
164 10.5 8.2 12.4

Manual Integrations
APPROVED

sohil
5/10/2016 11:05:49 AM

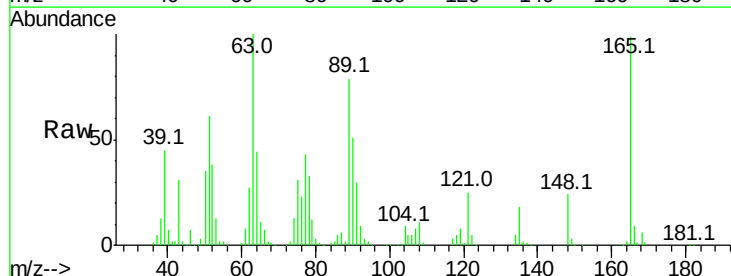


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

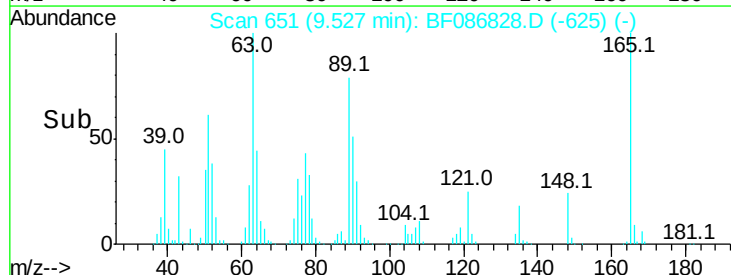
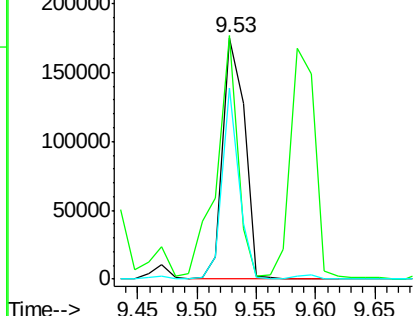


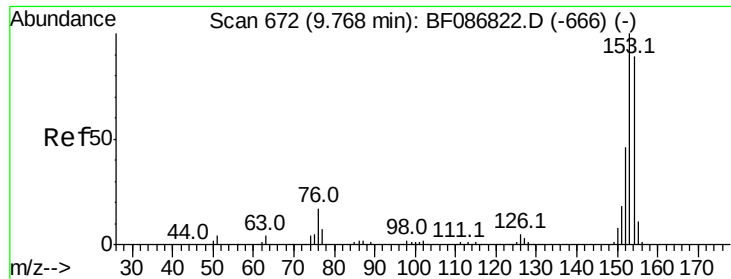
#50
2,6-Dinitrotoluene
Concen: 35.96 ng
RT: 9.53 min Scan# 651
Delta R.T. -0.00 min
Lab File: BF086828.D
Acq: 9 May 2016 17:50

Tgt Ion:165 Resp: 222240
Ion Ratio Lower Upper
165 100
63 100.8 51.8 77.8#
89 79.4 50.7 76.1#



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





#51

Acenaphthene

Concen: 40.77 ng

RT: 9.77 min Scan# 672

Delta R.T. -0.00 min

Lab File: BF086828.D

Acq: 9 May 2016 17:50

Instrument :

BNA_F

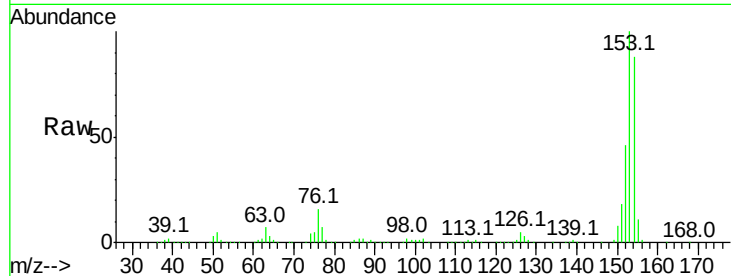
ClientSampled :

SSTDCCC040

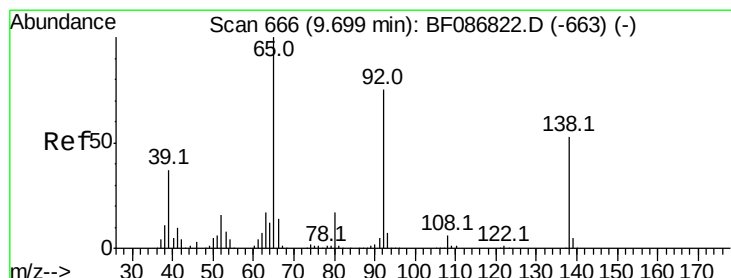
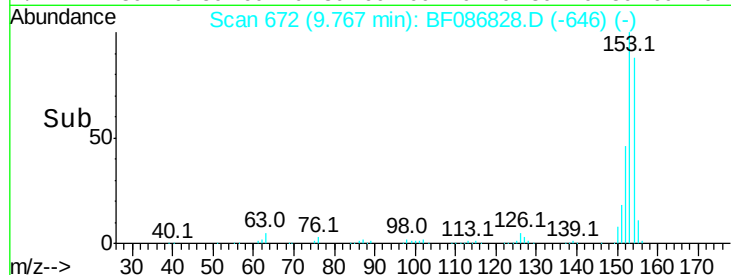
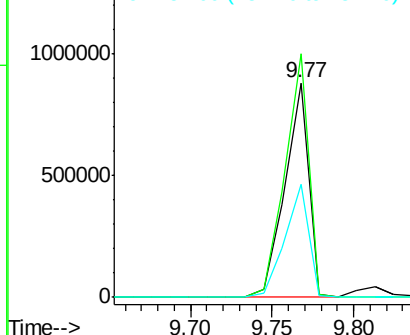
Tot Ion:	154	Resp:	894828
Ion Ratio	Lower	Upper	
154	100		
153	113.7	89.8	134.6
152	52.5	43.4	65.0

Manual Integrations
APPROVED

sohil
5/10/2016 11:05:49 AM



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 36.91 ng

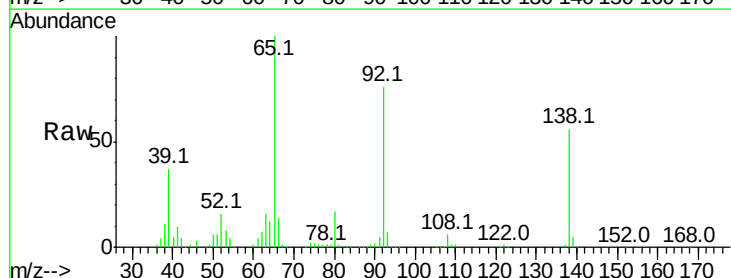
RT: 9.70 min Scan# 666

Delta R.T. -0.00 min

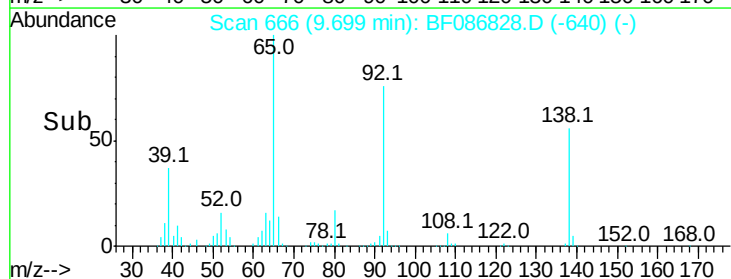
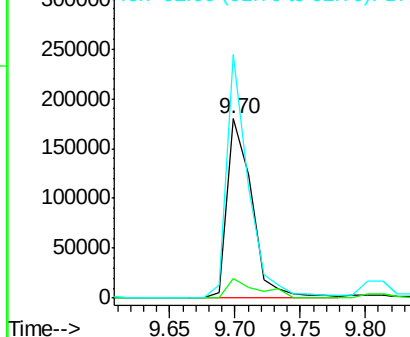
Lab File: BF086828.D

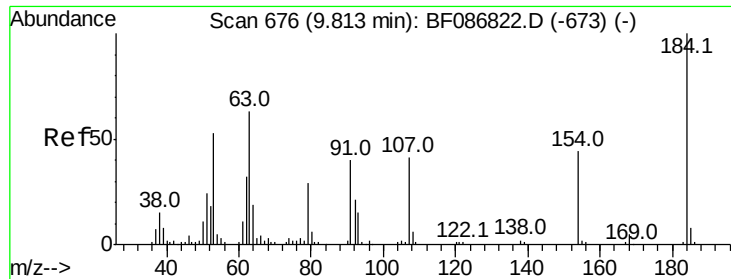
Acq: 9 May 2016 17:50

Tgt Ion:	138	Resp:	240174
Ion Ratio	Lower	Upper	
138	100		
108	10.9	7.8	11.6
92	135.9	87.8	131.8#



Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF0





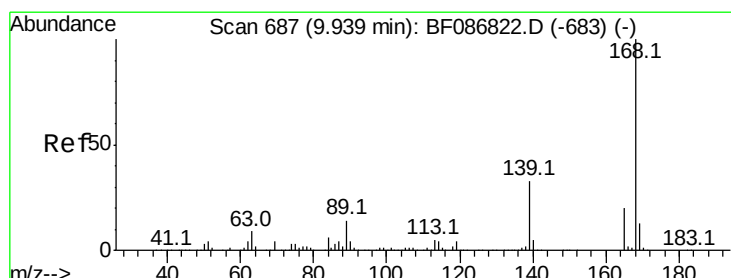
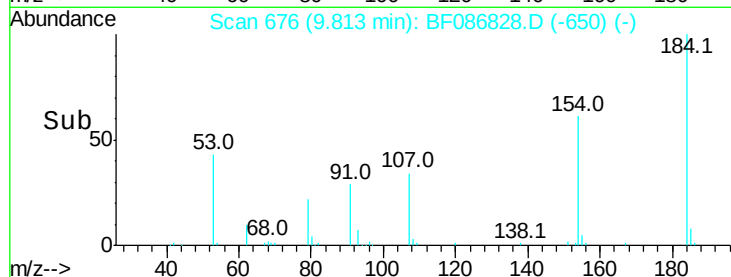
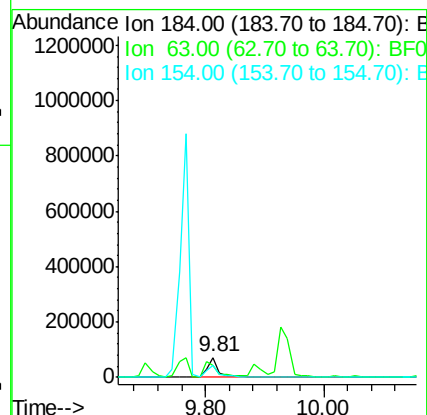
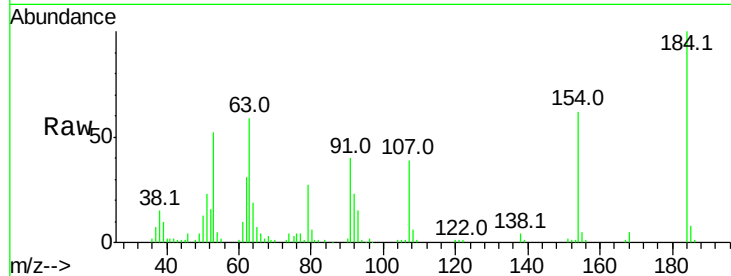
#53
 2,4-Dinitrophenol
 Concen: 37.38 ng
 RT: 9.81 min Scan# 676
 Delta R.T. 0.00 min
 Lab File: BF086828.D
 Acq: 9 May 2016 17:50

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
184	100			
63	59.0	55.8	83.8	
154	62.1	62.4	93.6	

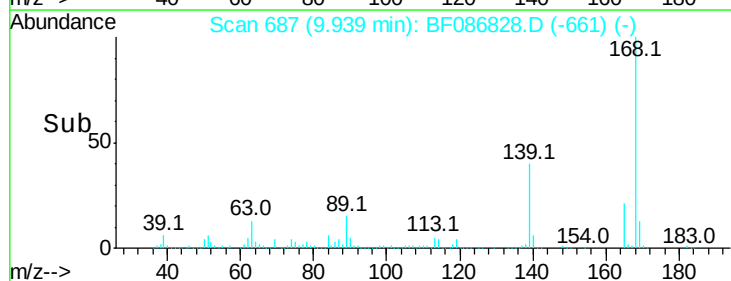
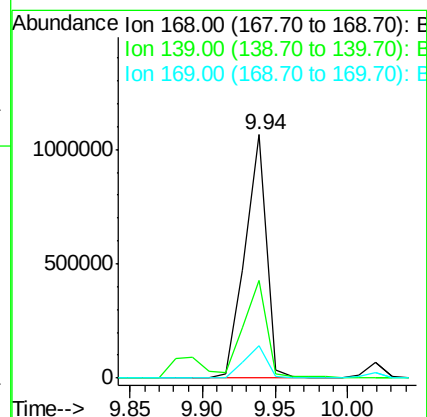
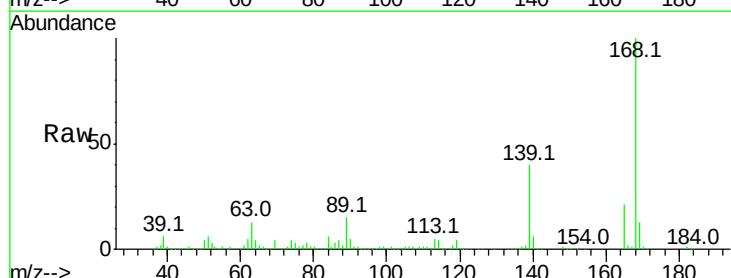
Manual Integrations
 APPROVED

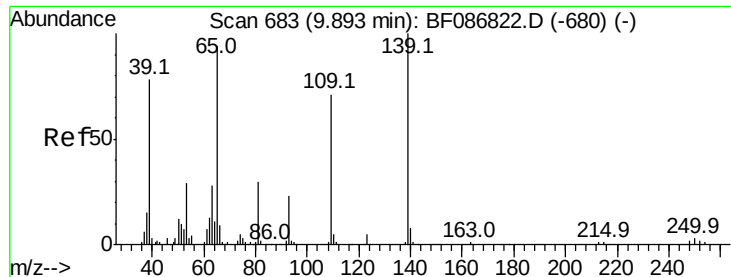
sohil
 5/10/2016 11:05:49 AM



#54
 Dibenzofuran
 Concen: 39.02 ng
 RT: 9.94 min Scan# 687
 Delta R.T. -0.00 min
 Lab File: BF086828.D
 Acq: 9 May 2016 17:50

Tgt Ion	Ratio	Resp	Lower	Upper
168	100			
139	40.4	31.4	47.0	
169	13.3	10.7	16.1	





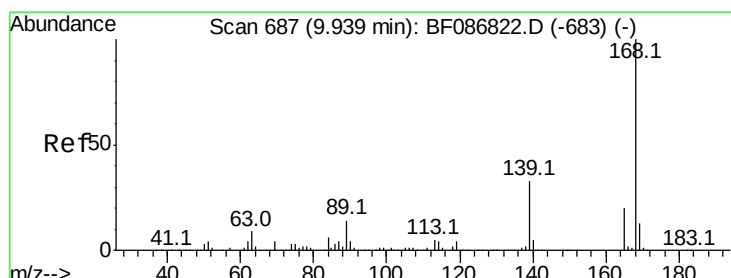
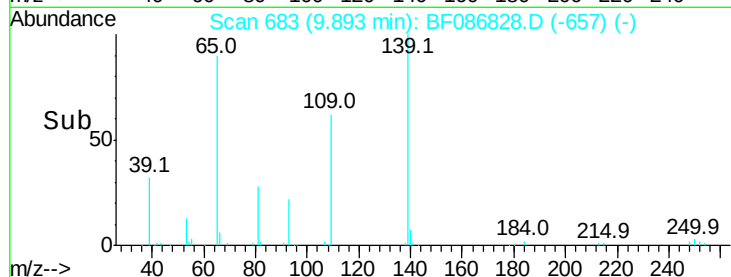
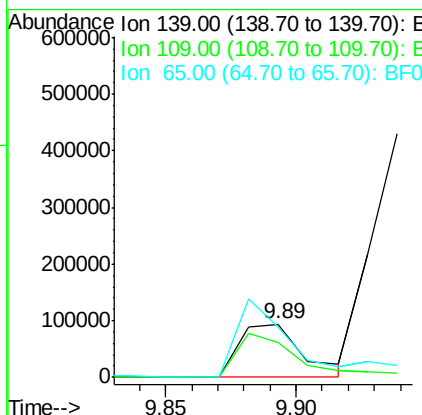
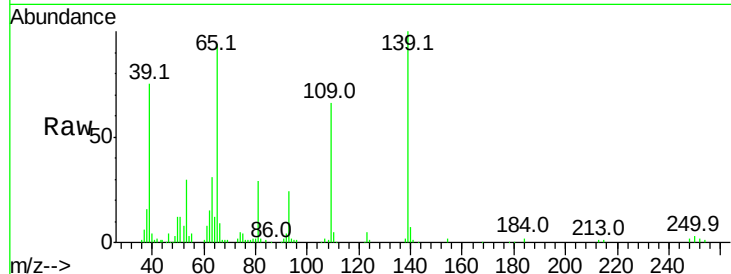
#55
4-Nitrophenol
Concen: 39.34 ng
RT: 9.89 min Scan# 683
Delta R.T. 0.00 min
Lab File: BF086828.D
Acq: 9 May 2016 17:50

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
139	100	160033		
109	65.8	36.9	76.9	
65	94.2	64.0	104.0	

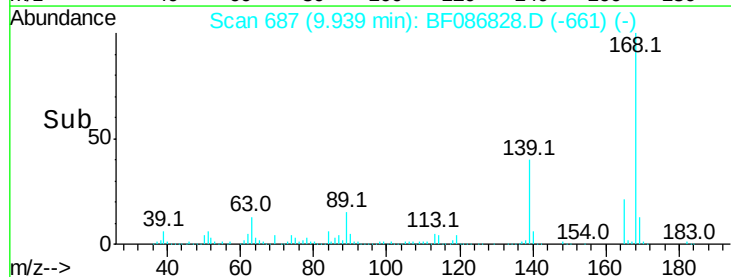
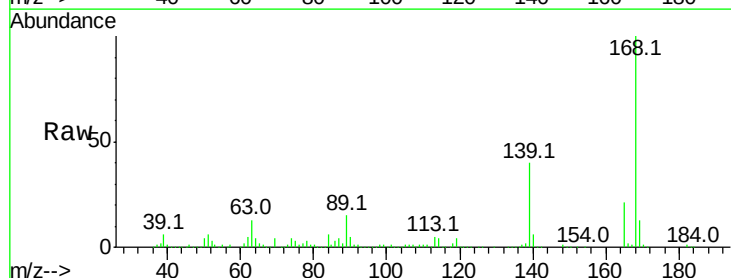
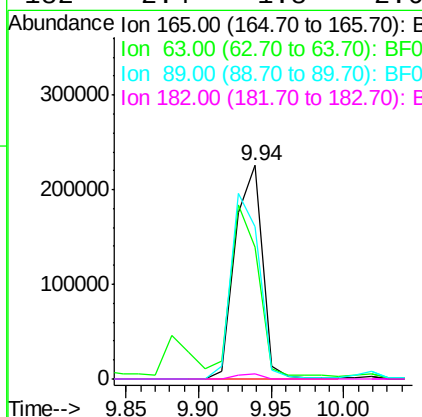
Manual Integrations
APPROVED

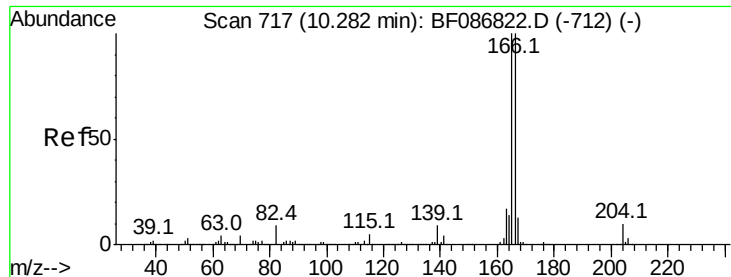
sohil
5/10/2016 11:05:49 AM



#56
2,4-Dinitrotoluene
Concen: 38.50 ng
RT: 9.94 min Scan# 687
Delta R.T. -0.00 min
Lab File: BF086828.D
Acq: 9 May 2016 17:50

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	294478		
63	61.7	44.3	66.5	
89	71.4	70.0	105.0	
182	2.4	1.8	2.6	





#57

Fluorene

Concen: 39.65 ng

RT: 10.28 min Scan# 717

Delta R.T. -0.00 min

Lab File: BF086828.D

Acq: 9 May 2016 17:50

Instrument :

BNA_F

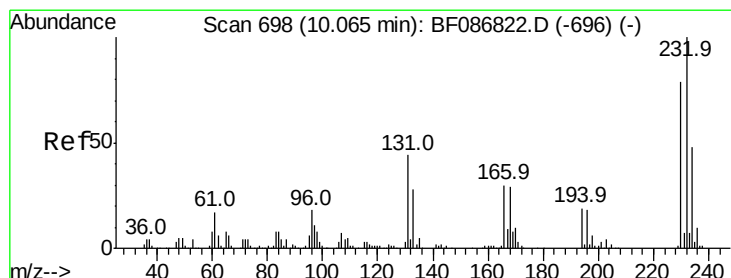
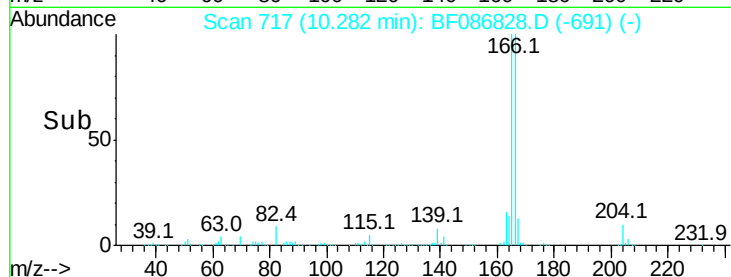
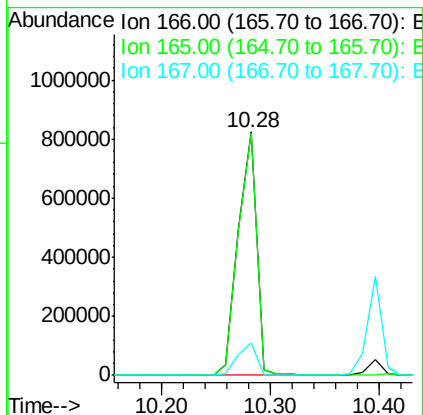
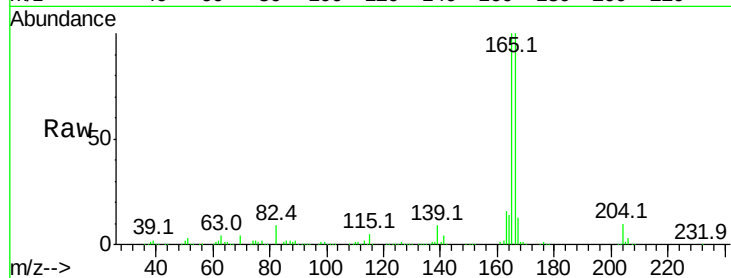
ClientSampleId :

SSTDCCC040

Tot Ion:	166	Resp:	952807
Ion Ratio	Lower	Upper	
166	100		
165	99.7	79.0	118.6
167	13.2	10.6	15.8

Manual Integrations
APPROVED

sohil
5/10/2016 11:05:49 AM



#58

2,3,4,6-Tetrachlorophenol

Concen: 39.41 ng

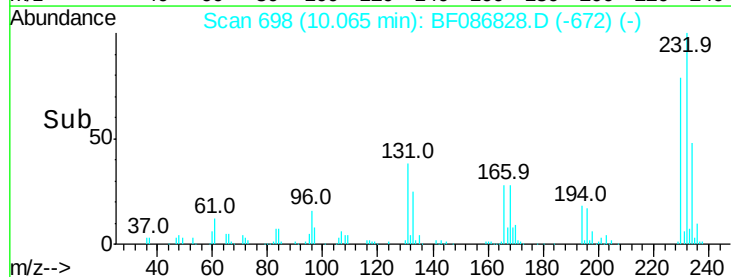
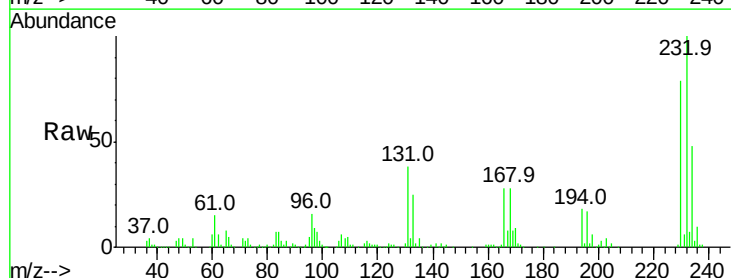
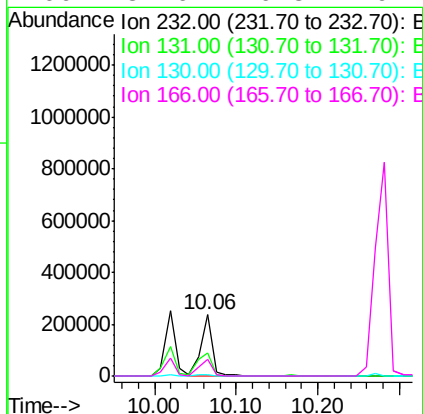
RT: 10.06 min Scan# 698

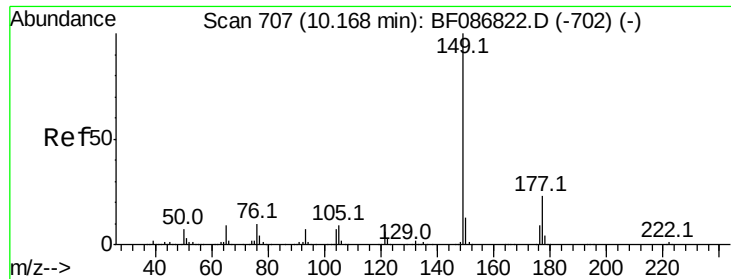
Delta R.T. -0.00 min

Lab File: BF086828.D

Acq: 9 May 2016 17:50

Tgt Ion:	232	Resp:	229658
Ion Ratio	Lower	Upper	
232	100		
131	49.9	41.9	62.9
130	2.4	2.2	3.4
166	31.6	26.8	40.2





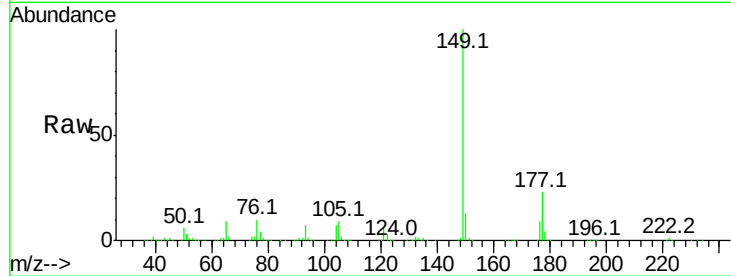
#59
Diethylphthalate
Concen: 38.80 ng
RT: 10.17 min Scan# 707
Delta R.T. -0.00 min
Lab File: BF086828.D
Acq: 9 May 2016 17:50

Instrument :
BNA_F
ClientSampled :
SSTDCCC040

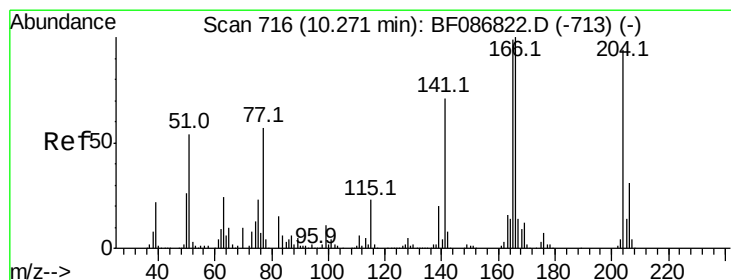
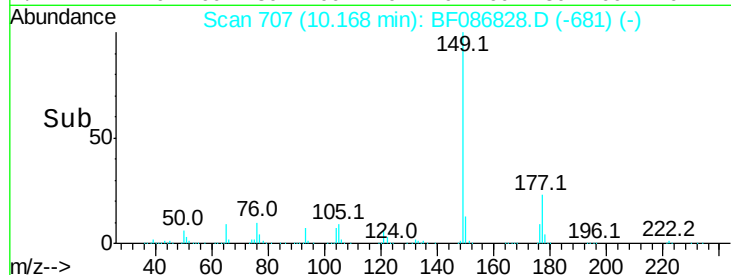
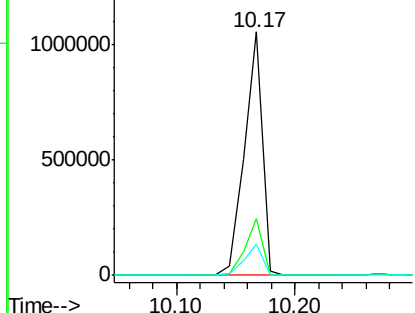
Tot Ion:149 Resp: 1110346
Ion Ratio Lower Upper
149 100
177 23.2 16.6 24.8
150 12.8 10.0 15.0

Manual Integrations
APPROVED

sohil
5/10/2016 11:05:49 AM

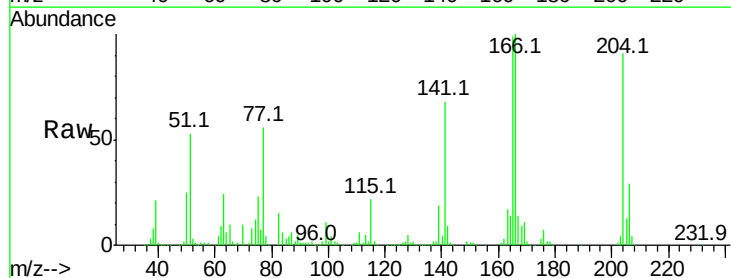


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

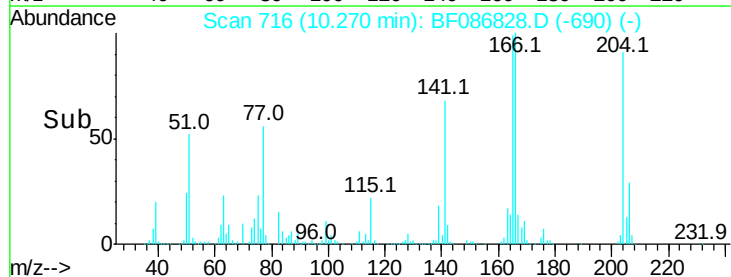
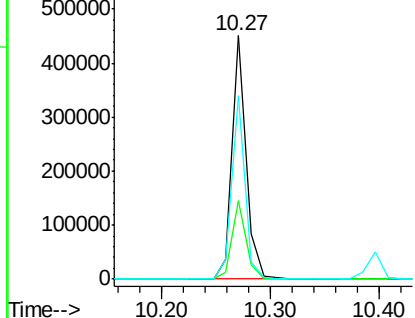


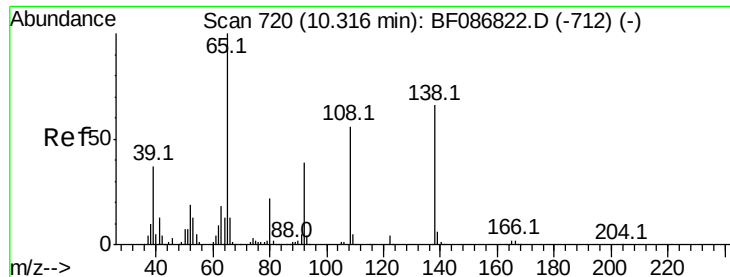
#60
4-Chlorophenyl-phenylether
Concen: 36.37 ng
RT: 10.27 min Scan# 716
Delta R.T. 0.00 min
Lab File: BF086828.D
Acq: 9 May 2016 17:50

Tgt Ion:204 Resp: 399126
Ion Ratio Lower Upper
204 100
206 32.2 25.4 38.0
141 75.2 61.6 92.4



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





#61

4-Nitroaniline

Concen: 41.33 ng

RT: 10.32 min Scan# 720

Delta R.T. -0.00 min

Lab File: BF086828.D

Acq: 9 May 2016 17:50

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:138 Resp: 258278

Ion Ratio Lower Upper

138 100

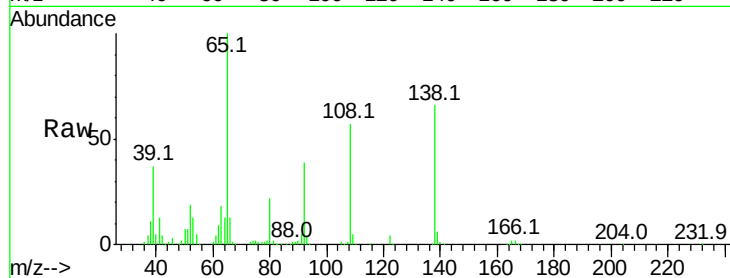
92 59.0 24.7 64.7

108 85.4 37.4 77.4#

Manual Integrations
APPROVED

sohil

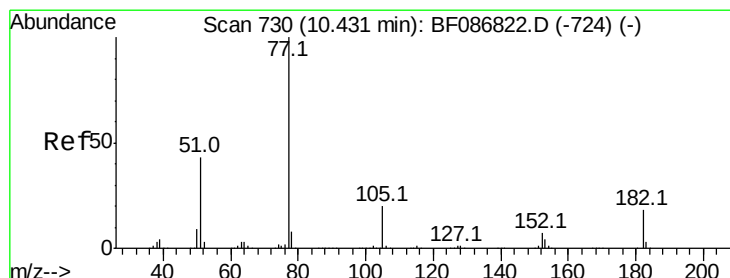
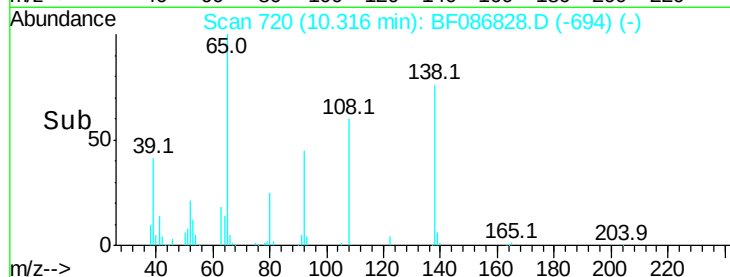
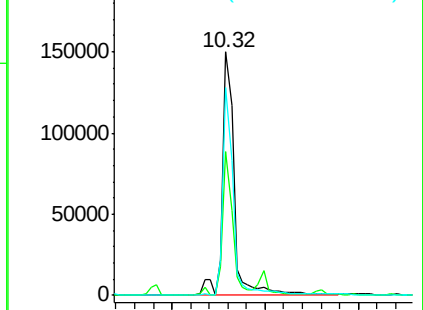
5/10/2016 11:05:49 AM



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 37.56 ng

RT: 10.43 min Scan# 730

Delta R.T. -0.00 min

Lab File: BF086828.D

Acq: 9 May 2016 17:50

Tgt Ion: 77 Resp: 1159557

Ion Ratio Lower Upper

77 100

182 18.4 0.0 38.8

105 20.3 3.2 43.2

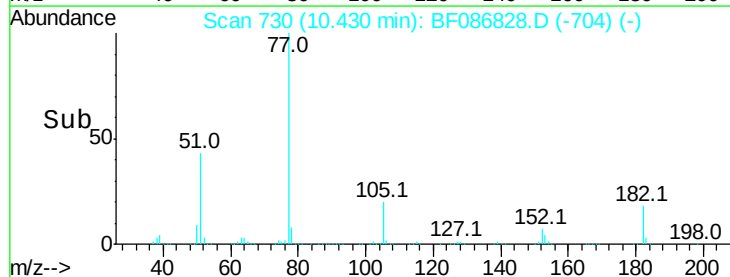
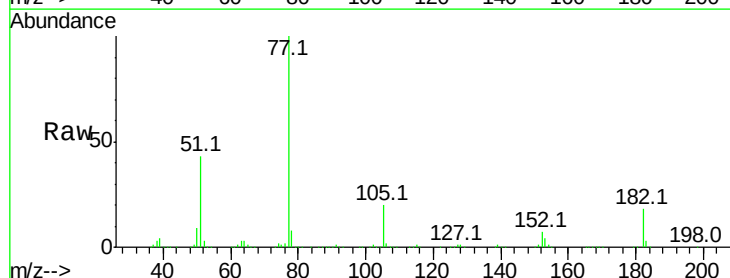
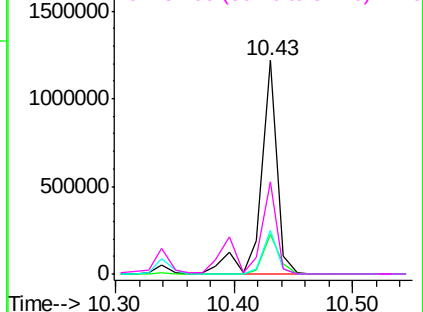
51 42.9 8.8 48.8

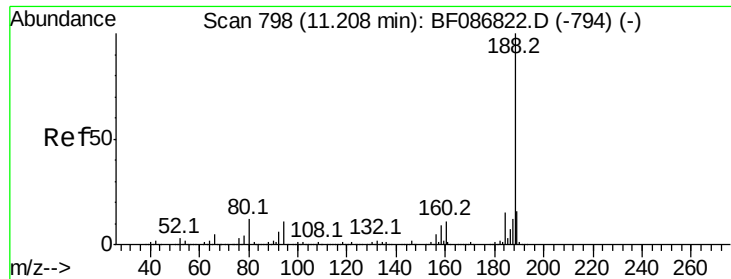
Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.21 min Scan# 798

Delta R.T. -0.00 min

Lab File: BF086828.D

Acq: 9 May 2016 17:50

Instrument :

BNA_F

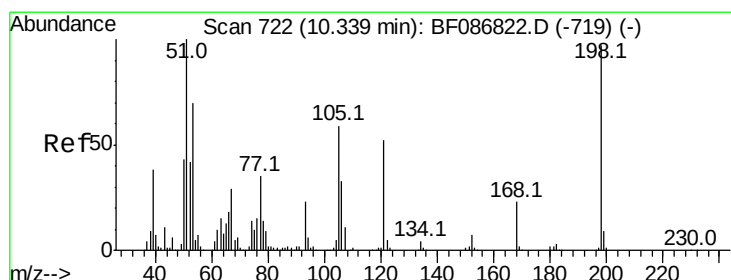
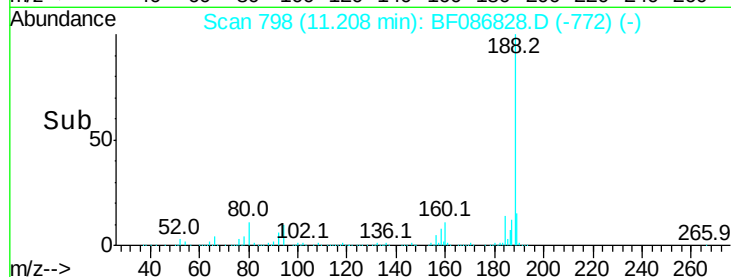
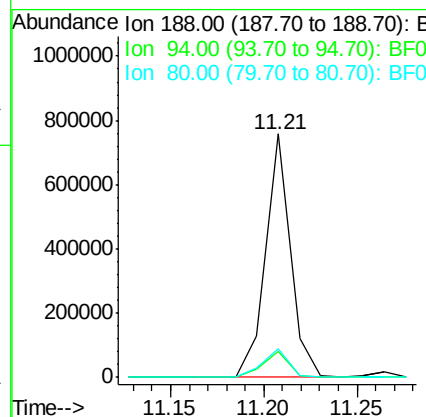
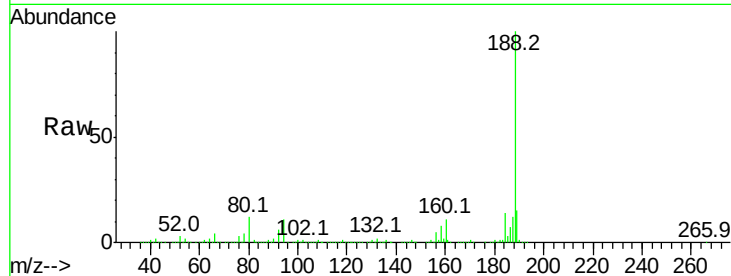
ClientSampleId :

SSTDCCC040

Tot Ion:	188	Resp:	697004
Ion Ratio	Lower	Upper	
188	100		
94	10.5	6.8	10.2#
80	11.6	7.1	10.7#

Manual Integrations
APPROVED

sohil
5/10/2016 11:05:49 AM



#64

4,6-Dinitro-2-methylphenol

Concen: 37.97 ng

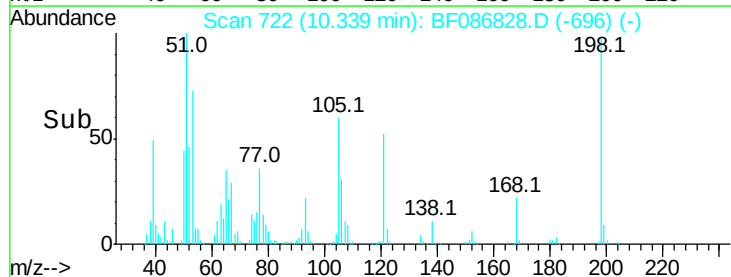
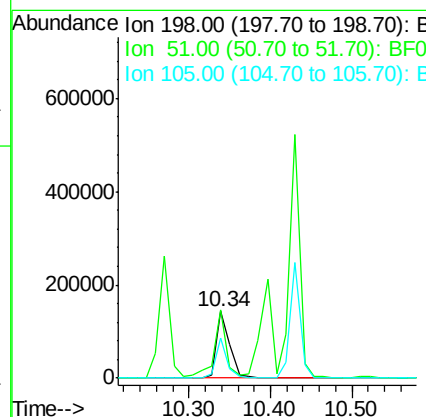
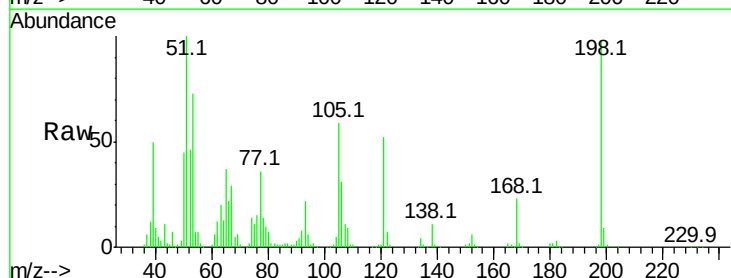
RT: 10.34 min Scan# 722

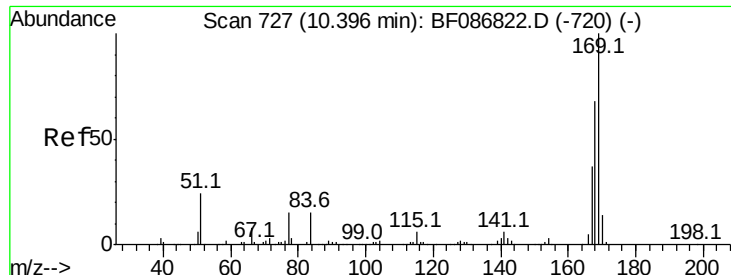
Delta R.T. -0.00 min

Lab File: BF086828.D

Acq: 9 May 2016 17:50

Tgt Ion:	198	Resp:	164413
Ion Ratio	Lower	Upper	
198	100		
51	102.0	20.5	60.5#
105	60.7	24.5	64.5





#65

n-Nitrosodiphenylamine

Concen: 37.94 ng

RT: 10.40 min Scan# 727

Delta R.T. -0.00 min

Lab File: BF086828.D

Acq: 9 May 2016 17:50

Instrument :

BNA_F

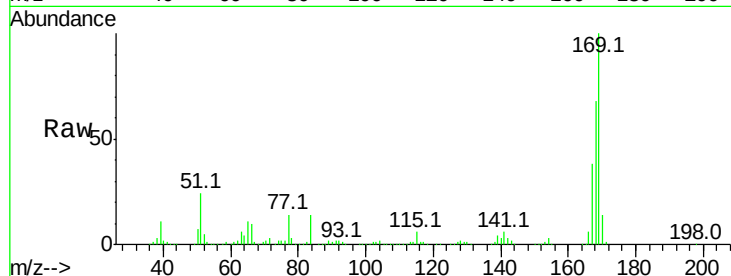
ClientSampleId :

SSTDCCC040

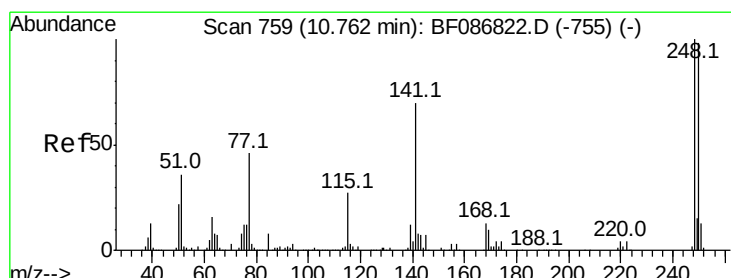
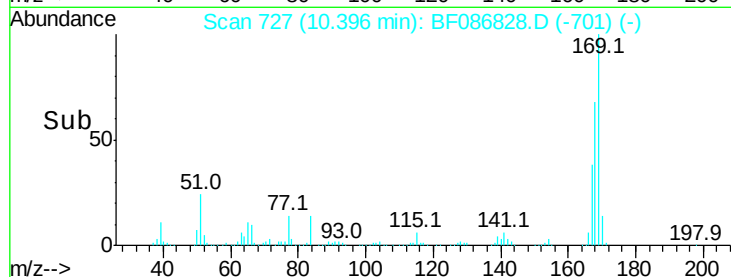
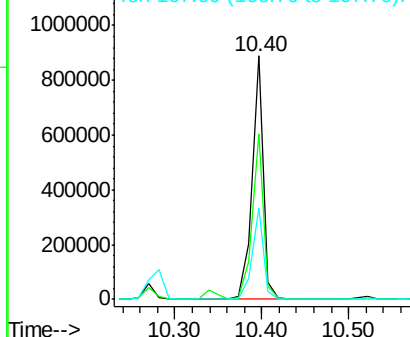
Tot Ion:	169	Resp:	812358
Ion Ratio	Lower	Upper	
169	100		
168	68.0	53.8	80.6
167	37.7	29.5	44.3

Manual Integrations
APPROVED

sohil
5/10/2016 11:05:49 AM



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



#66

4-Bromophenyl-phenylether

Concen: 40.42 ng

RT: 10.76 min Scan# 759

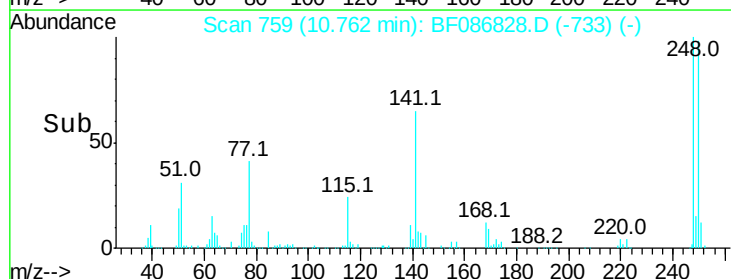
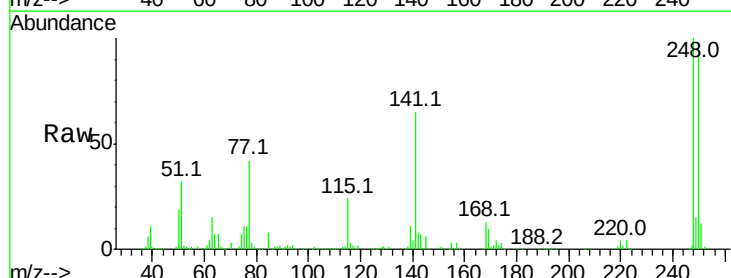
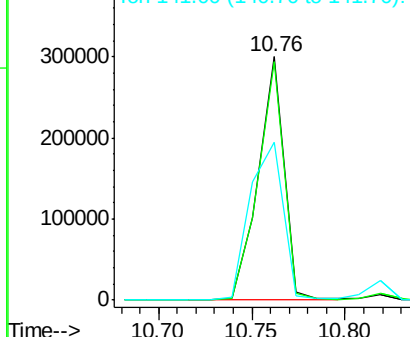
Delta R.T. -0.00 min

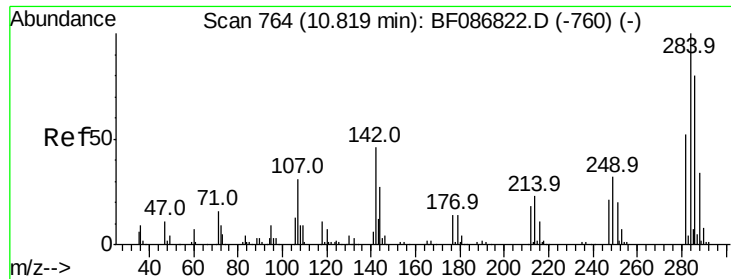
Lab File: BF086828.D

Acq: 9 May 2016 17:50

Tgt Ion:	248	Resp:	285627
Ion Ratio	Lower	Upper	
248	100		
250	97.9	78.6	117.8
141	65.0	76.0	114.0#

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





#67

Hexachlorobenzene

Concen: 35.37 ng

RT: 10.82 min Scan# 764

Delta R.T. -0.00 min

Lab File: BF086828.D

Acq: 9 May 2016 17:50

Instrument :

BNA_F

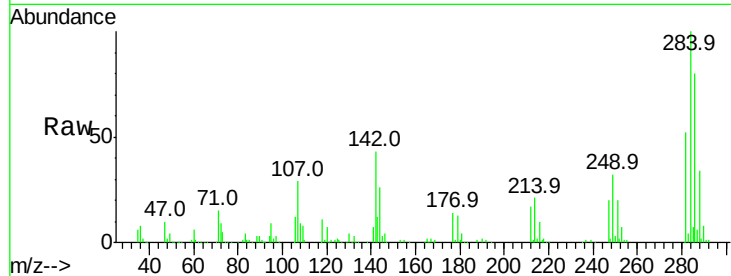
ClientSampleId :

SSTDCCC040

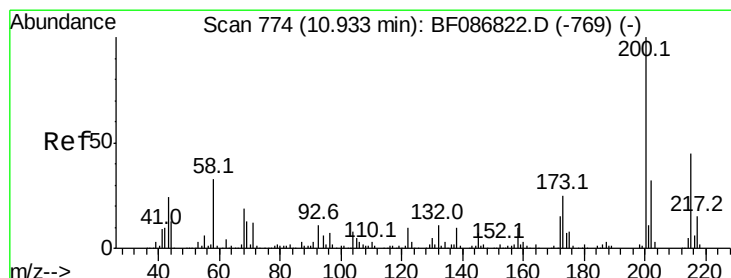
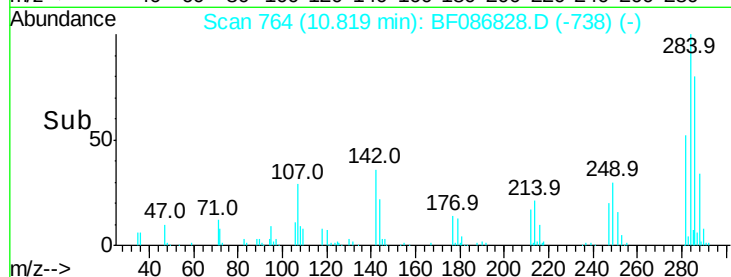
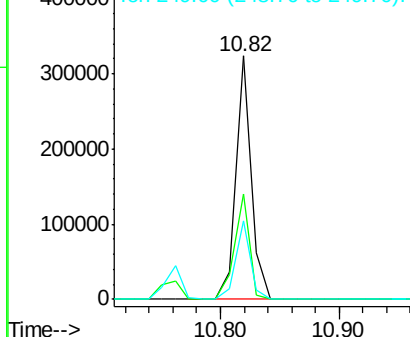
Tot Ion:	284	Resp:	292134
Ion Ratio	Lower	Upper	
284	100		
142	43.3	16.7	25.1#
249	32.3	21.3	31.9#

Manual Integrations
APPROVED

sohil
5/10/2016 11:05:49 AM



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: 38.81 ng

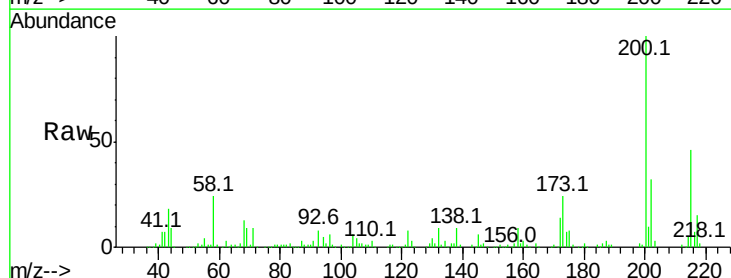
RT: 10.93 min Scan# 774

Delta R.T. -0.00 min

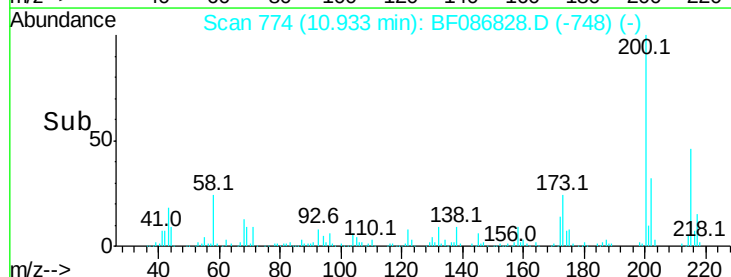
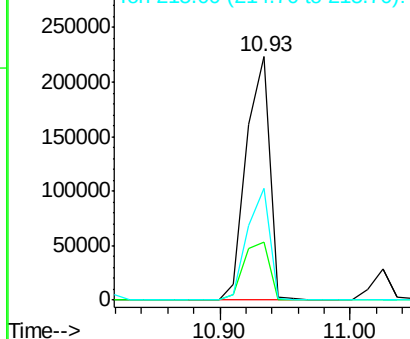
Lab File: BF086828.D

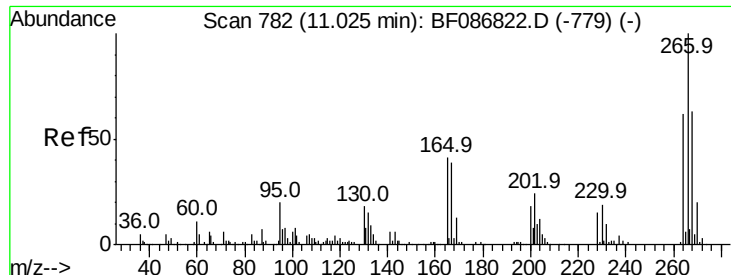
Acq: 9 May 2016 17:50

Tgt Ion:	200	Resp:	277634
Ion Ratio	Lower	Upper	
200	100		
173	23.6	8.5	48.5
215	45.7	27.2	67.2



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





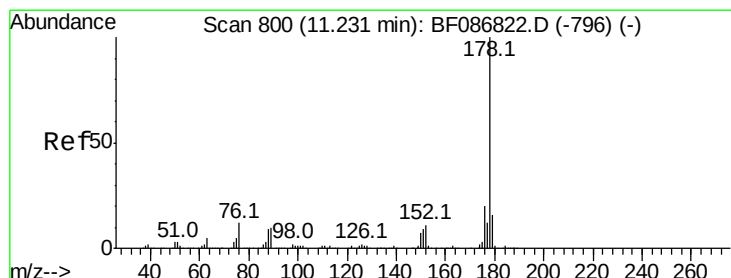
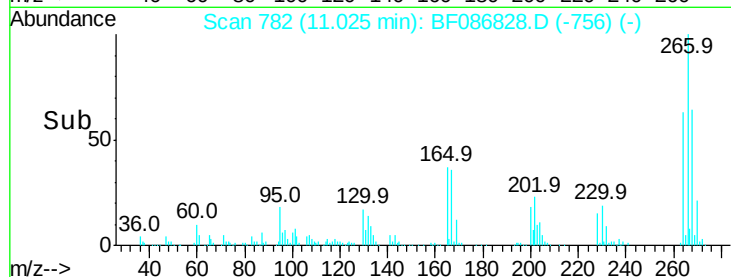
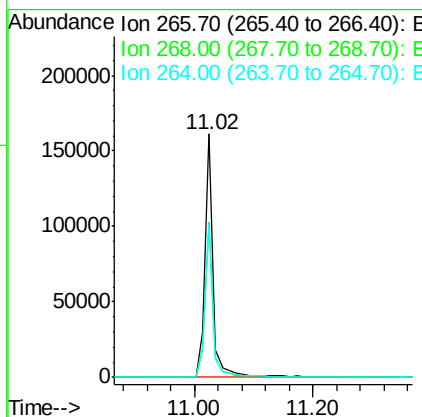
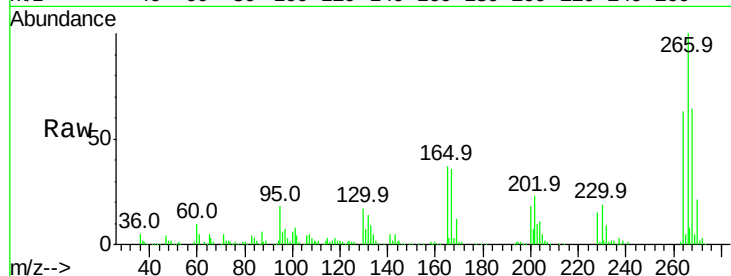
#69
 Pentachlorophenol
 Concen: 42.56 ng
 RT: 11.02 min Scan# 782
 Delta R.T. -0.00 min
 Lab File: BF086828.D
 Acq: 9 May 2016 17:50

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
266	100	162435		
268	63.6	51.5	77.3	
264	63.3	52.9	79.3	

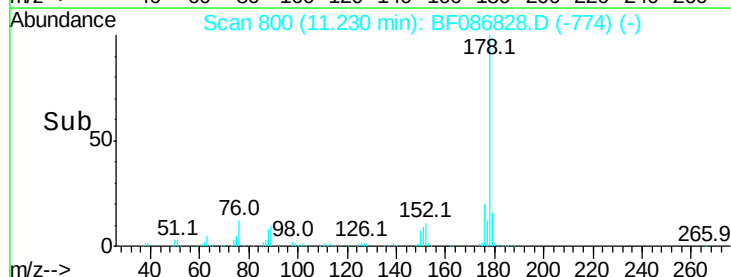
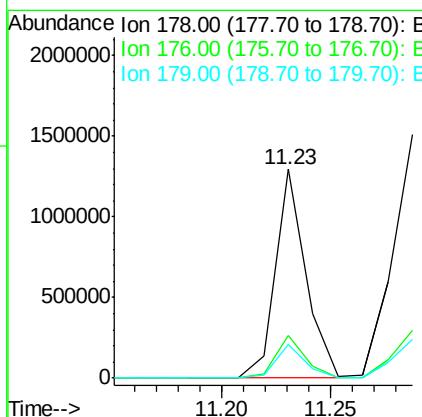
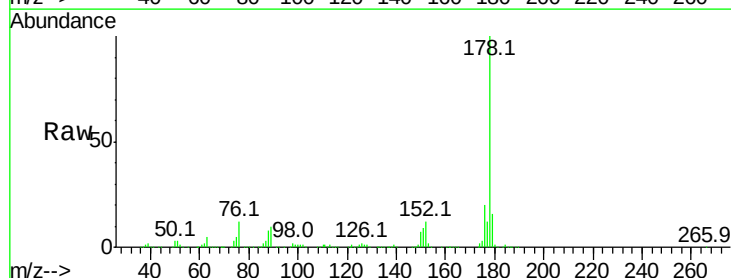
Manual Integrations
 APPROVED

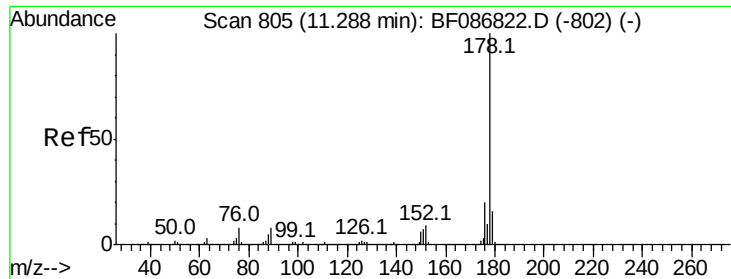
sohil
 5/10/2016 11:05:49 AM



#70
 Phenanthrene
 Concen: 34.00 ng
 RT: 11.23 min Scan# 800
 Delta R.T. -0.00 min
 Lab File: BF086828.D
 Acq: 9 May 2016 17:50

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	1264817		
176	20.3	16.0	24.0	
179	16.0	12.6	18.8	





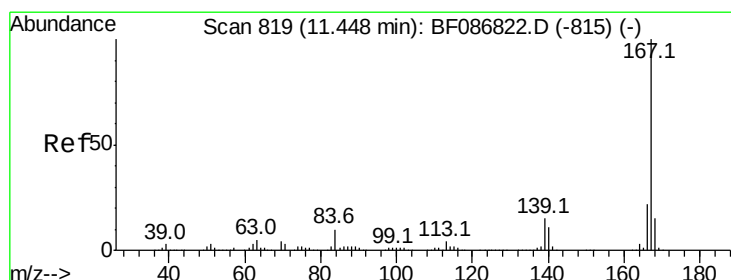
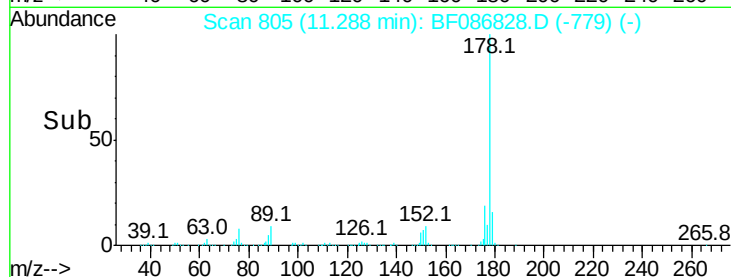
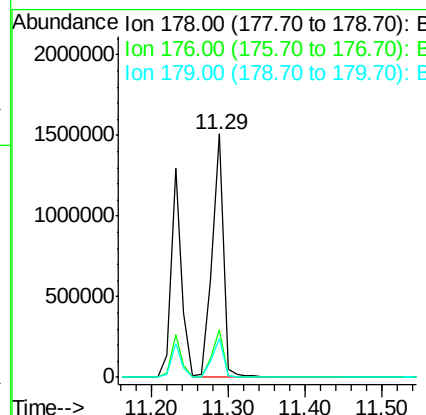
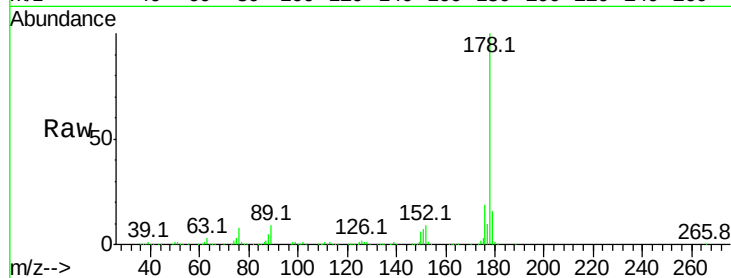
#71
 Anthracene
 Concen: 40.03 ng
 RT: 11.29 min Scan# 805
 Delta R.T. -0.00 min
 Lab File: BF086828.D
 Acq: 9 May 2016 17:50

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:178 Resp: 1522917
 Ion Ratio Lower Upper
 178 100
 176 19.4 15.6 23.4
 179 16.0 12.7 19.1

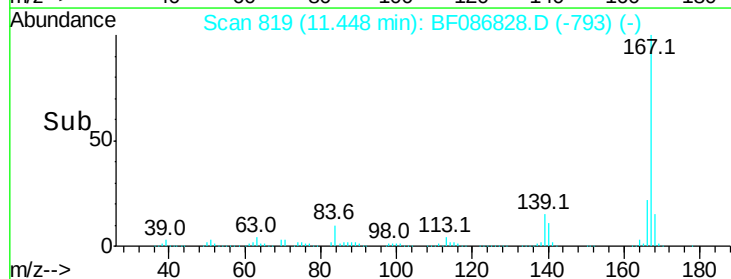
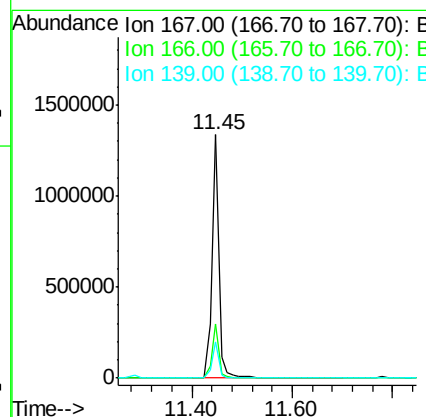
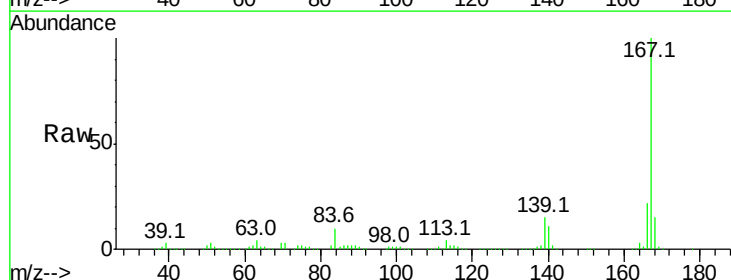
Manual Integrations
 APPROVED

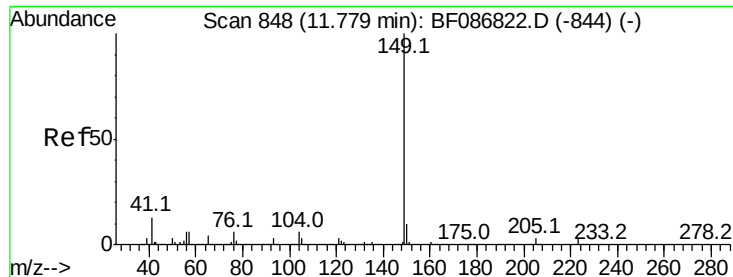
sohil
 5/10/2016 11:05:49 AM



#72
 Carbazole
 Concen: 39.03 ng
 RT: 11.45 min Scan# 819
 Delta R.T. -0.00 min
 Lab File: BF086828.D
 Acq: 9 May 2016 17:50

Tgt Ion:167 Resp: 1276498
 Ion Ratio Lower Upper
 167 100
 166 22.4 17.7 26.5
 139 14.8 10.8 16.2





#73

Di-n-butylphthalate

Concen: 38.54 ng

RT: 11.78 min Scan# 848

Delta R.T. -0.00 min

Lab File: BF086828.D

Acq: 9 May 2016 17:50

Instrument :

BNA_F

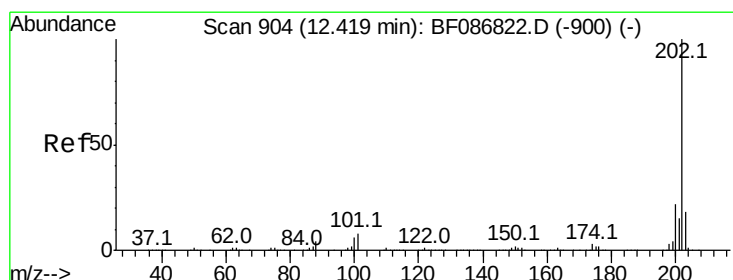
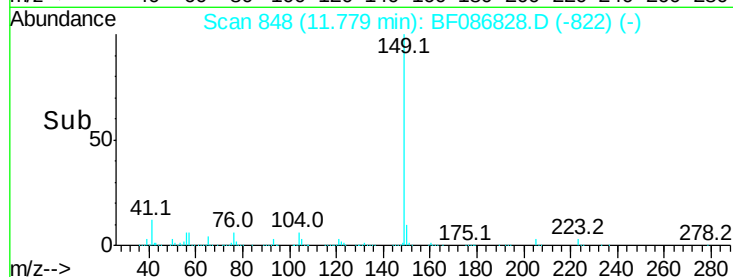
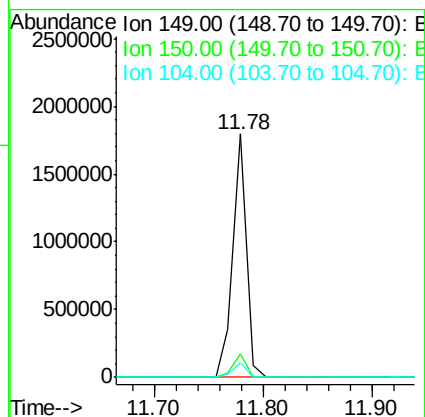
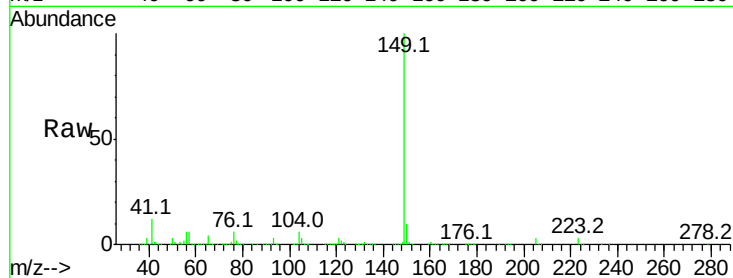
ClientSampleId :

SSTDCCC040

Tot Ion	Ratio	Lower	Upper
149	100		
150	9.6	7.6	11.4
104	5.8	3.8	5.6

Manual Integrations
APPROVED

sohil
5/10/2016 11:05:49 AM



#74

Fluoranthene

Concen: 38.77 ng

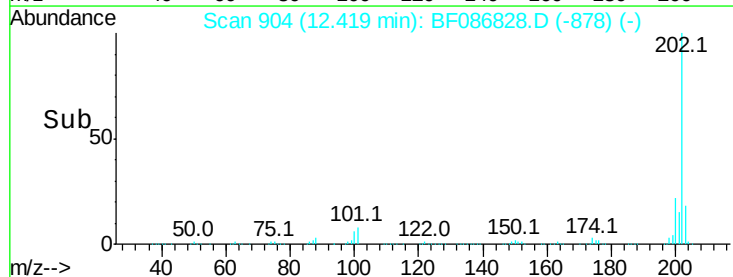
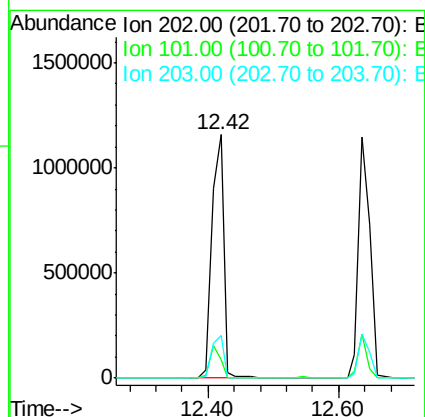
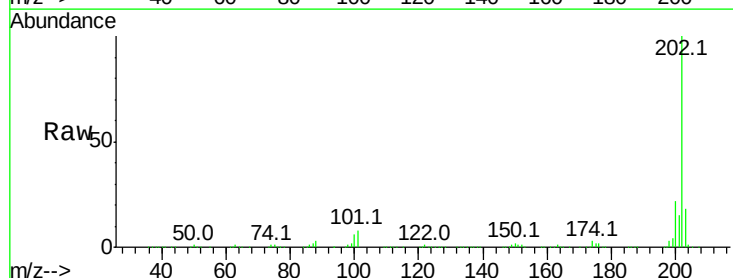
RT: 12.42 min Scan# 904

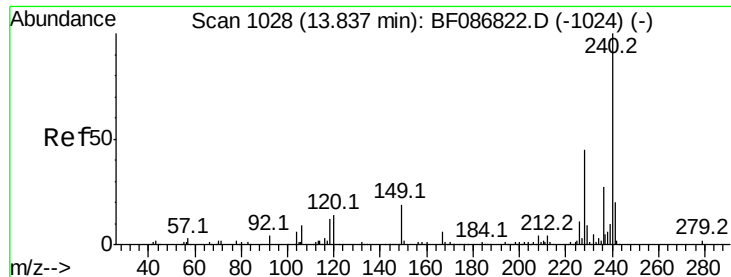
Delta R.T. -0.00 min

Lab File: BF086828.D

Acq: 9 May 2016 17:50

Tgt Ion	Ratio	Lower	Upper
202	100		
101	7.7	0.0	35.4
203	17.6	0.0	38.1





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.84 min Scan# 1028

Delta R.T. -0.00 min

Lab File: BF086828.D

Acq: 9 May 2016 17:50

Instrument :

BNA_F

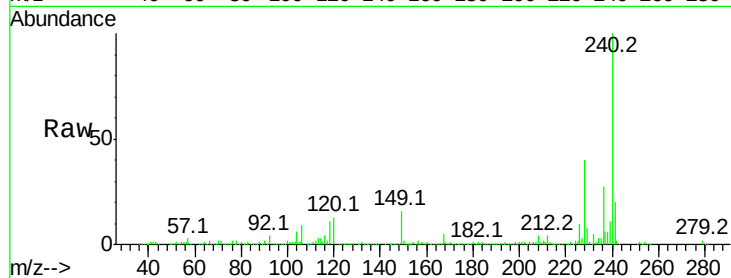
ClientSampleId :

SSTDCCC040

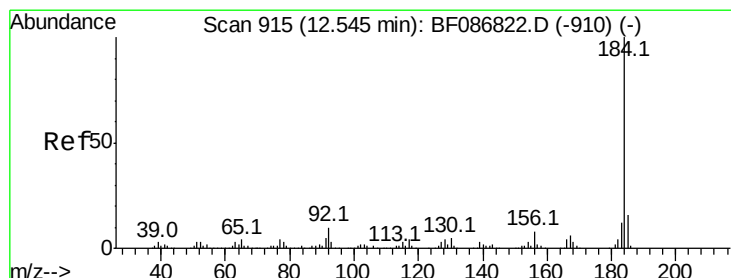
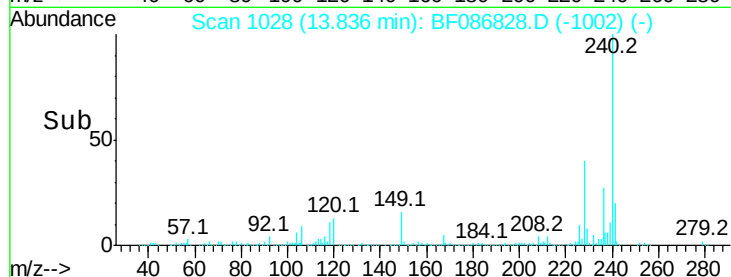
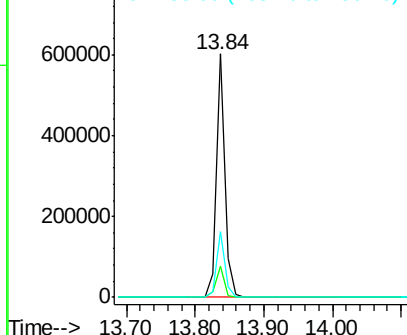
Tot Ion:	240	Resp:	531608
Ion Ratio		Lower	Upper
240	100		
120	13.0	11.2	16.8
236	26.9	21.2	31.8

Manual Integrations
APPROVED

sohil
5/10/2016 11:05:49 AM



Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 46.60 ng

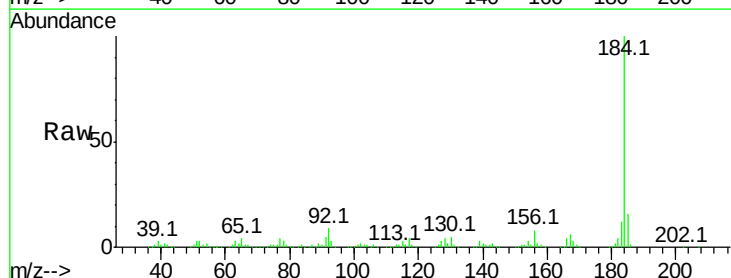
RT: 12.54 min Scan# 915

Delta R.T. -0.00 min

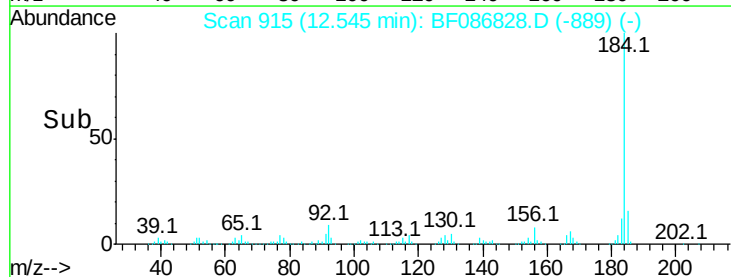
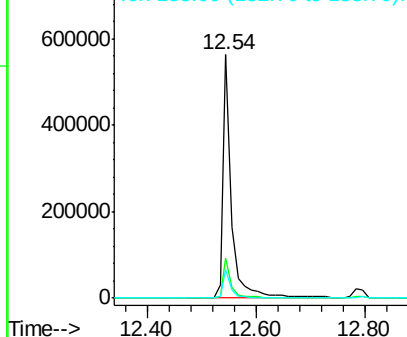
Lab File: BF086828.D

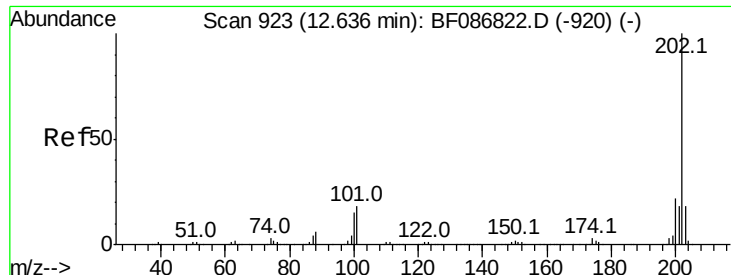
Acq: 9 May 2016 17:50

Tgt Ion:	184	Resp:	631581
Ion Ratio		Lower	Upper
184	100		
185	16.3	13.6	20.4
183	11.8	9.8	14.6



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E





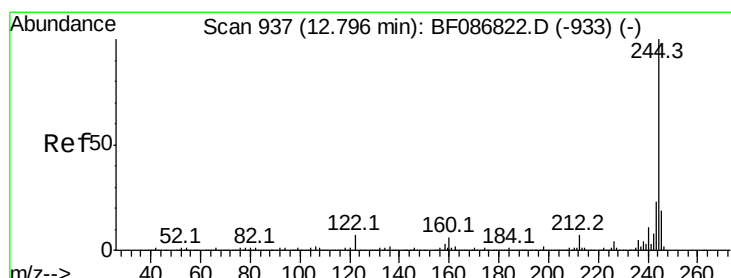
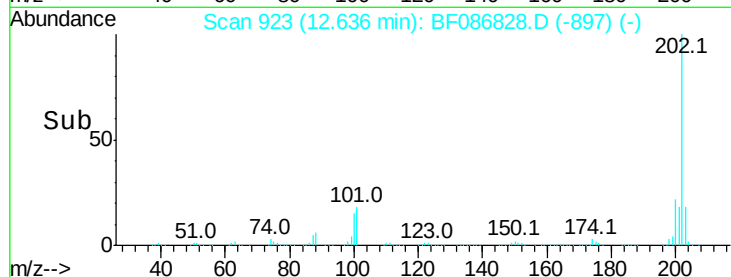
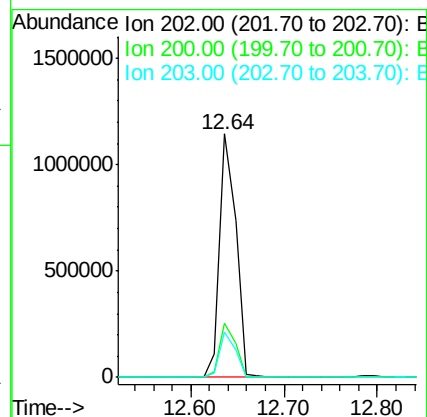
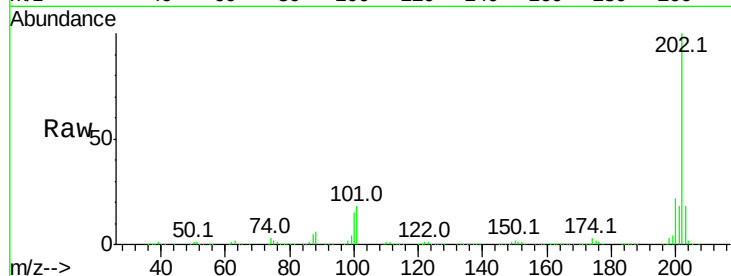
#77
Pvrene
Concen: 34.00 ng
RT: 12.64 min Scan# 923
Delta R.T. -0.00 min
Lab File: BF086828.D
Acq: 9 May 2016 17:50

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:202 Resp: 1383743
Ion Ratio Lower Upper
202 100
200 22.4 17.7 26.5
203 18.4 14.2 21.4

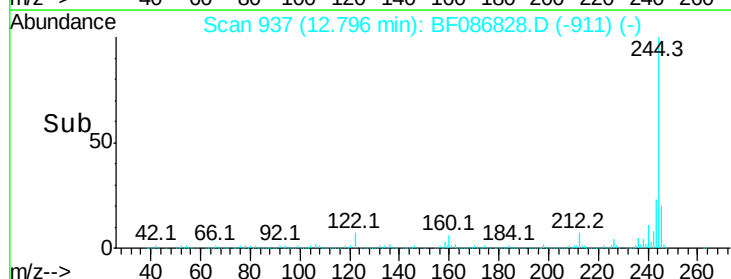
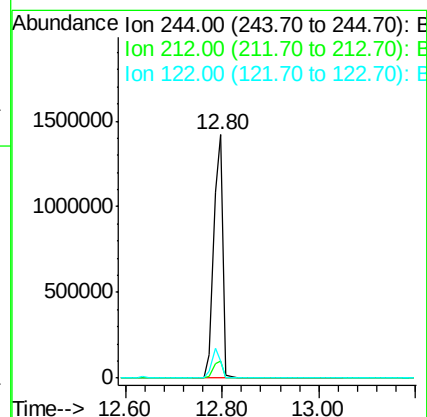
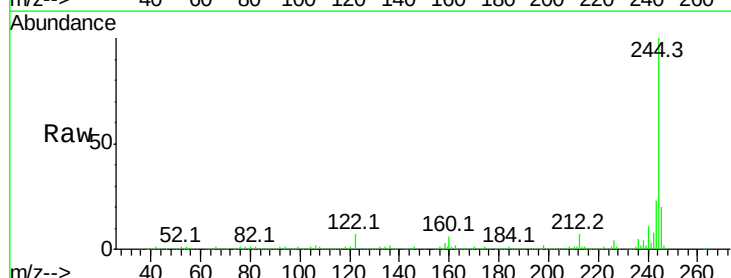
Manual Integrations
APPROVED

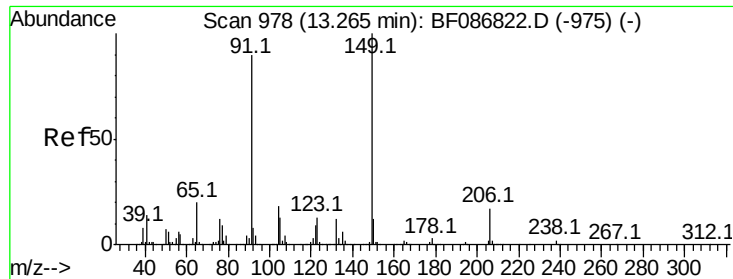
sohil
5/10/2016 11:05:49 AM



#78
Terphenyl-d14
Concen: 73.89 ng
RT: 12.80 min Scan# 937
Delta R.T. -0.00 min
Lab File: BF086828.D
Acq: 9 May 2016 17:50

Tgt Ion:244 Resp: 1851269
Ion Ratio Lower Upper
244 100
212 6.9 6.2 9.2
122 6.8 12.0 18.0#





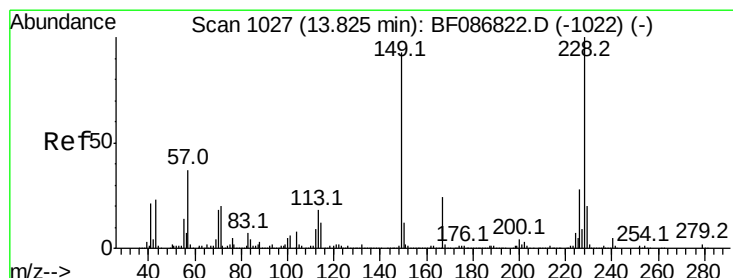
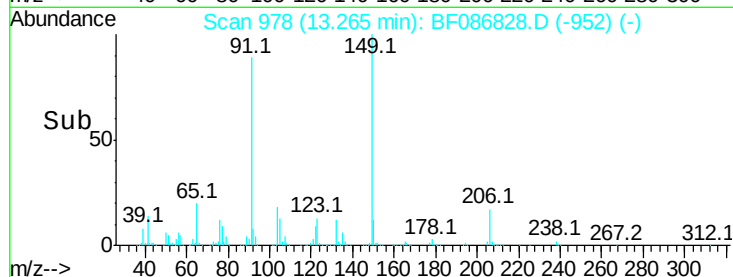
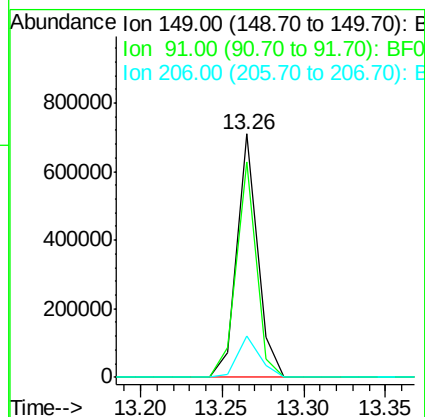
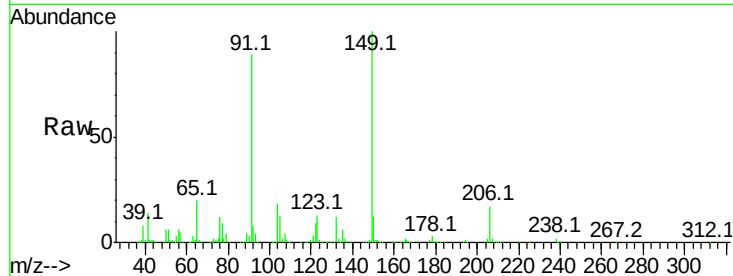
#79
Butylbenzylphthalate
Concen: 35.97 ng
RT: 13.26 min Scan# 978
Delta R.T. -0.00 min
Lab File: BF086828.D
Acq: 9 May 2016 17:50

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
149	100	619248		
91	88.5	48.0	72.0#	
206	17.0	15.8	23.6	

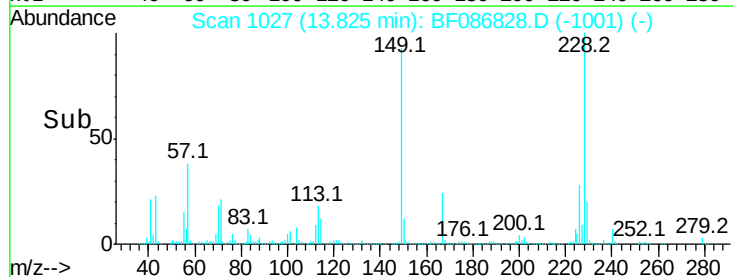
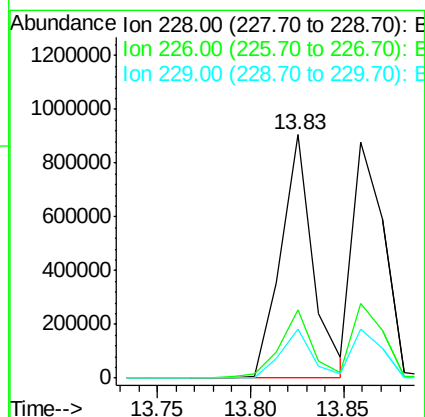
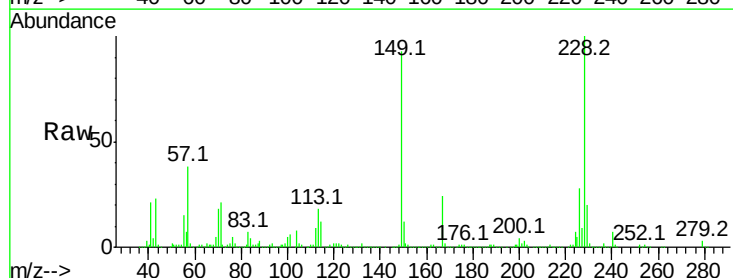
Manual Integrations
APPROVED

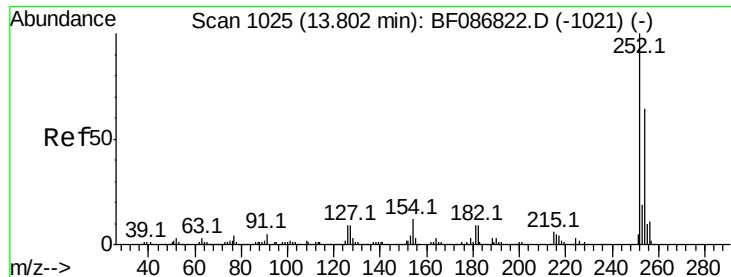
sohil
5/10/2016 11:05:49 AM



#80
Benzo(a)anthracene
Concen: 36.44 ng
RT: 13.83 min Scan# 1027
Delta R.T. -0.00 min
Lab File: BF086828.D
Acq: 9 May 2016 17:50

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	1087544		
226	28.3	22.5	33.7	
229	20.3	16.6	25.0	





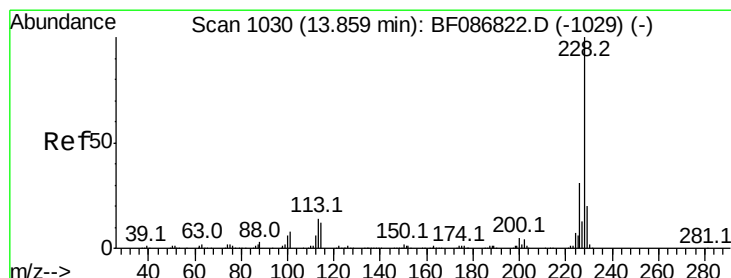
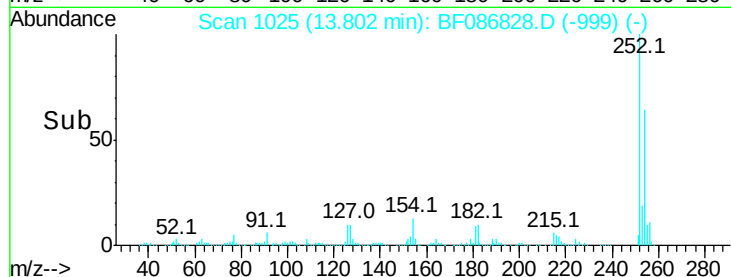
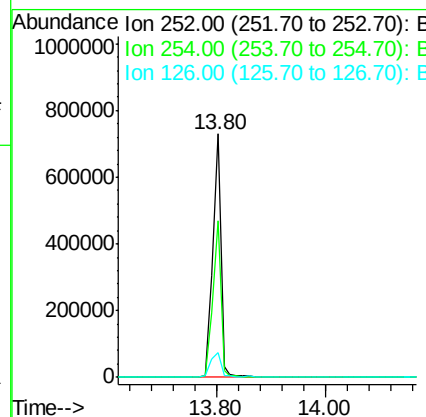
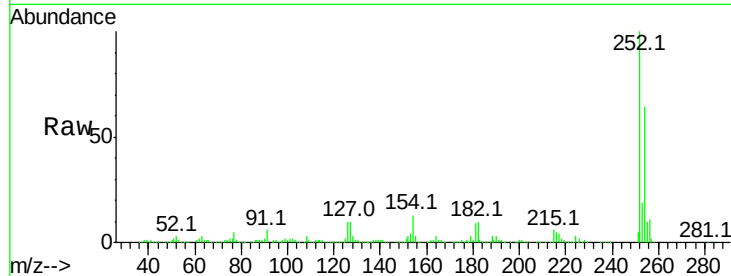
#81
 3,3'-Dichlorobenzidine
 Concen: 40.23 ng
 RT: 13.80 min Scan# 1025
 Delta R.T. -0.00 min
 Lab File: BF086828.D
 Acq: 9 May 2016 17:50

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
252	100		
254	64.3	50.7	76.1
126	9.9	12.7	19.1

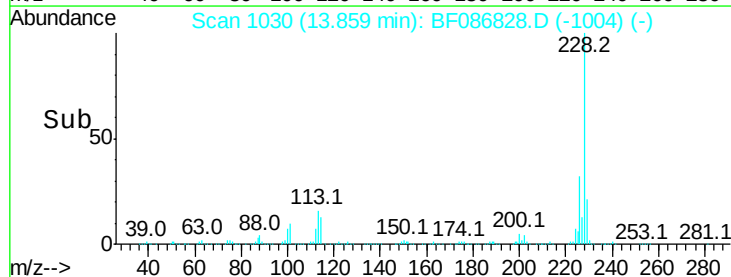
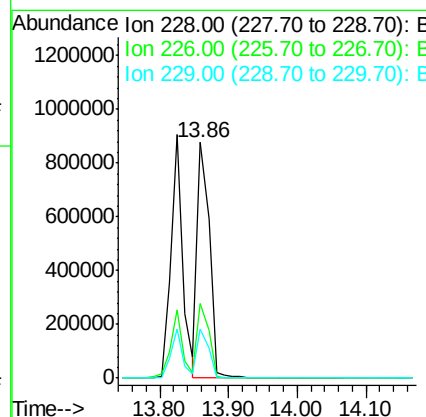
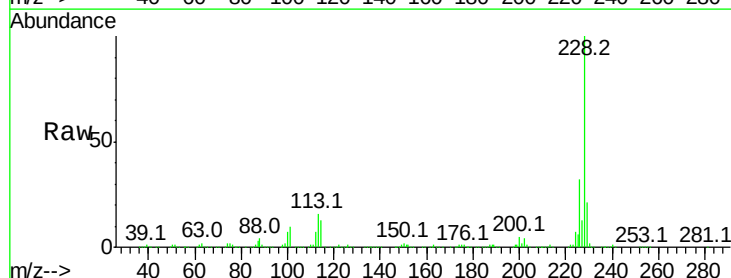
Manual Integrations
 APPROVED

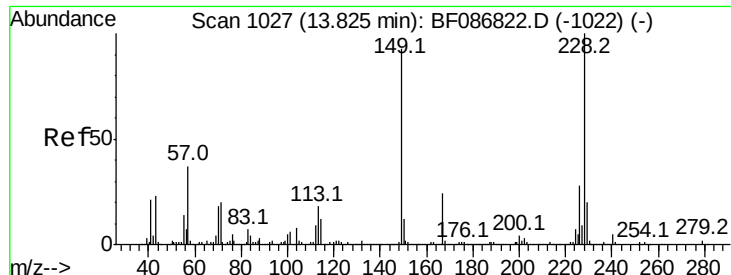
sohil
 5/10/2016 11:05:49 AM



#82
 Chrysene
 Concen: 34.45 ng
 RT: 13.86 min Scan# 1030
 Delta R.T. -0.00 min
 Lab File: BF086828.D
 Acq: 9 May 2016 17:50

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.5	24.4	36.6
229	20.7	15.8	23.8





#83

Bis(2-ethylhexyl)phthalate

Concen: 35.94 ng

RT: 13.83 min Scan# 1027

Delta R.T. -0.00 min

Lab File: BF086828.D

Acq: 9 May 2016 17:50

Instrument :

BNA_F

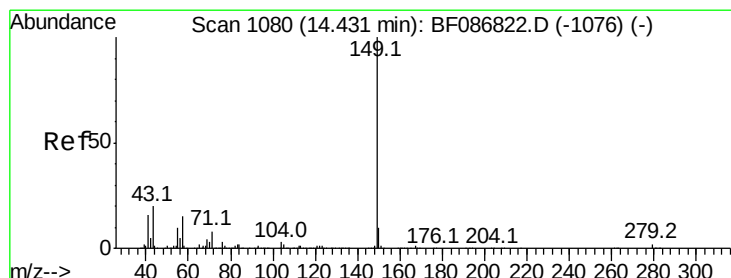
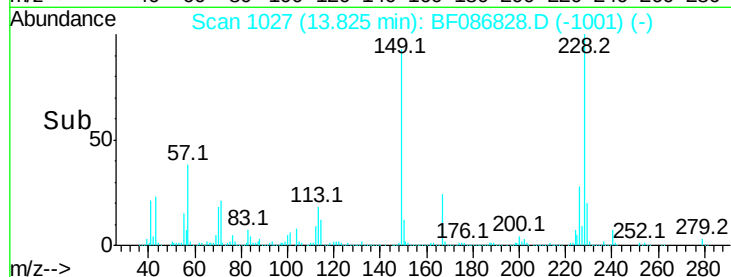
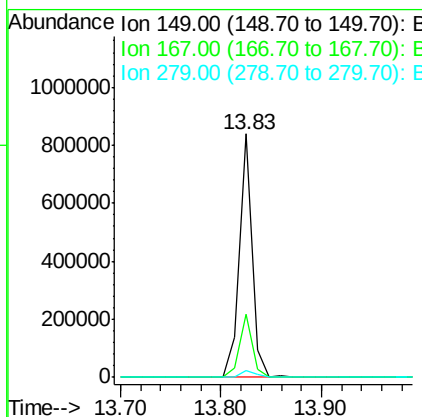
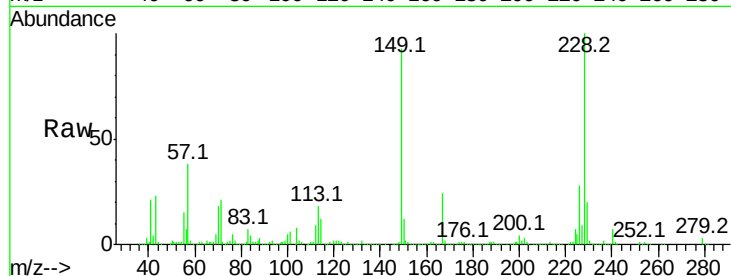
ClientSampled :

SSTDCCC040

Tot Ion:	149	Resp:	744221
Ion Ratio	Lower	Upper	
149	100		
167	25.9	21.8	32.6
279	2.7	2.6	4.0

Manual Integrations
APPROVED

sohil
5/10/2016 11:05:49 AM



#84

Di-n-octyl phthalate

Concen: 36.93 ng

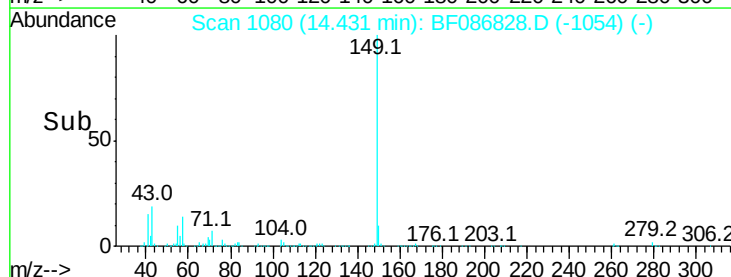
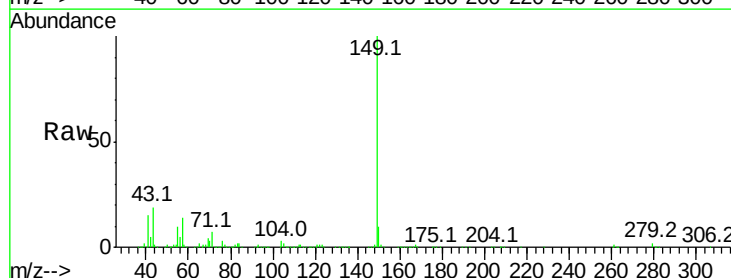
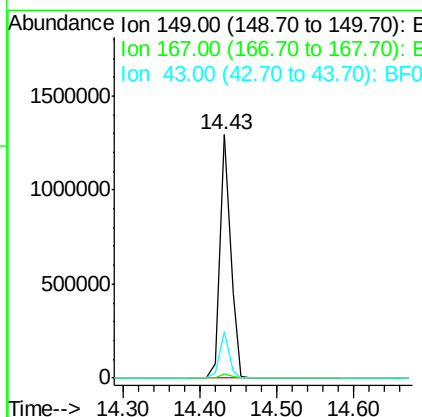
RT: 14.43 min Scan# 1080

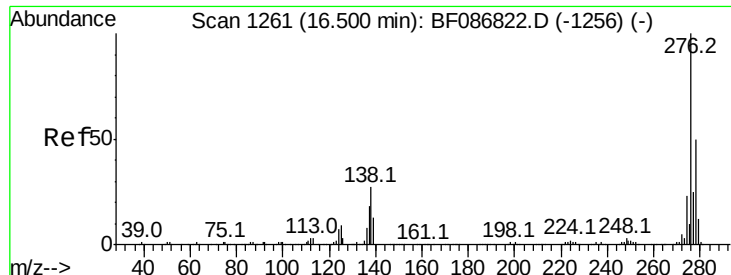
Delta R.T. -0.00 min

Lab File: BF086828.D

Acq: 9 May 2016 17:50

Tgt Ion:	149	Resp:	1266824
Ion Ratio	Lower	Upper	
149	100		
167	1.5	1.2	1.8
43	17.3	8.2	12.4#





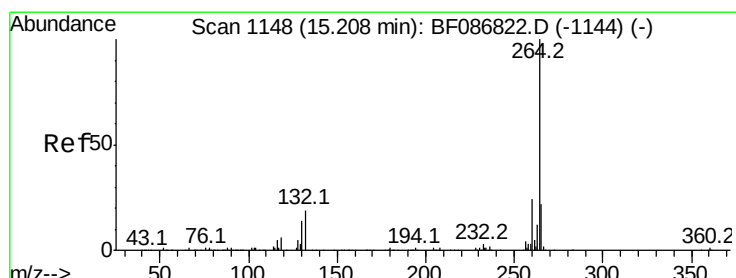
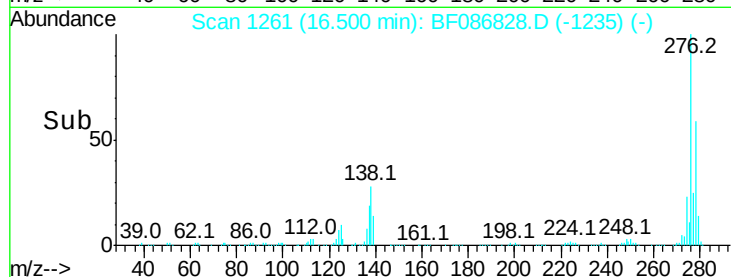
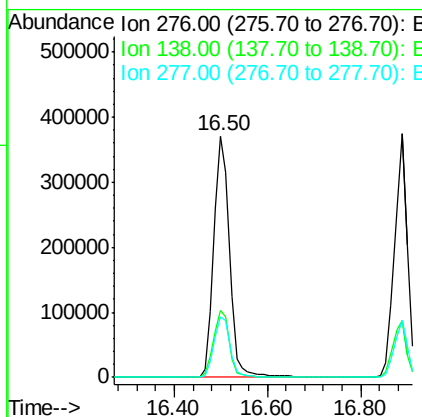
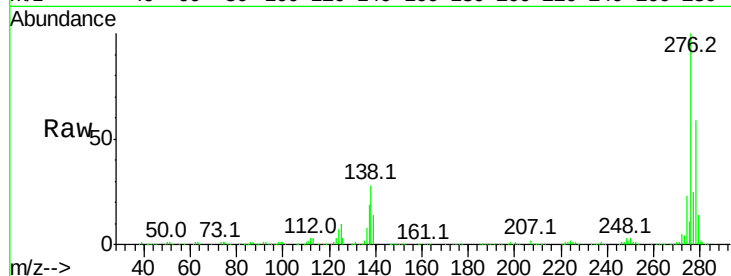
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 34.54 ng
 RT: 16.50 min Scan# 1261
 Delta R.T. -0.00 min
 Lab File: BF086828.D
 Acq: 9 May 2016 17:50

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
276	100		
138	28.2	25.6	38.4
277	25.5	20.5	30.7

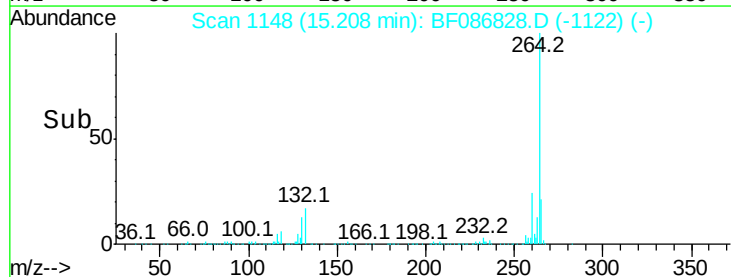
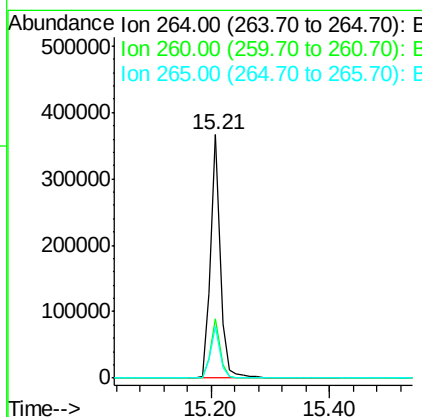
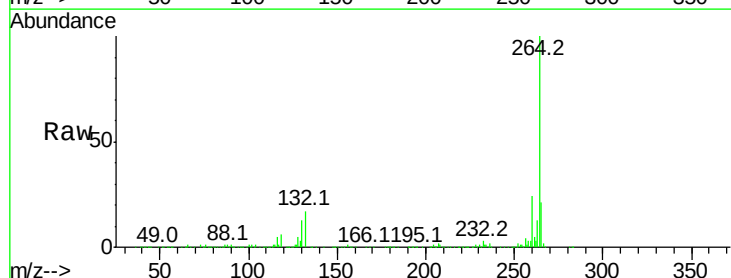
Manual Integrations
 APPROVED

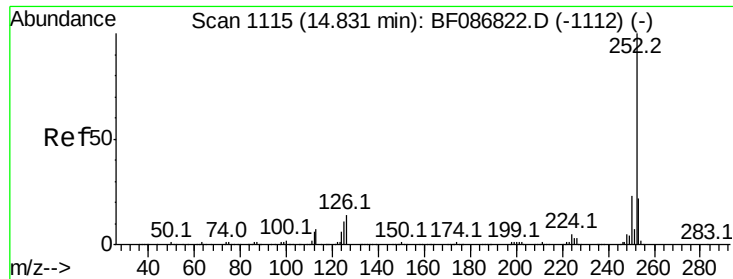
sohil
 5/10/2016 11:05:49 AM



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.21 min Scan# 1148
 Delta R.T. -0.00 min
 Lab File: BF086828.D
 Acq: 9 May 2016 17:50

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.5	29.3
265	21.2	17.3	25.9





#87

Benzo(b)fluoranthene

Concen: 36.61 ng m

RT: 14.83 min Scan# 1115

Delta R.T. -0.00 min

Lab File: BF086828.D

Acq: 9 May 2016 17:50

Instrument :

BNA_F

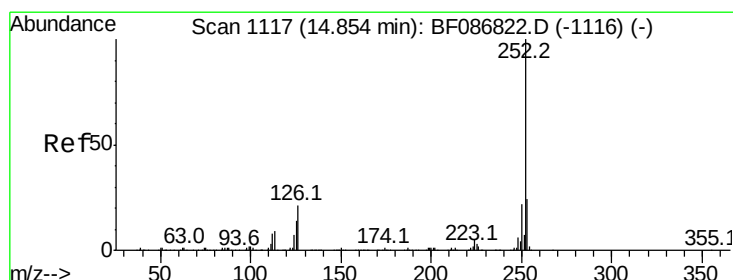
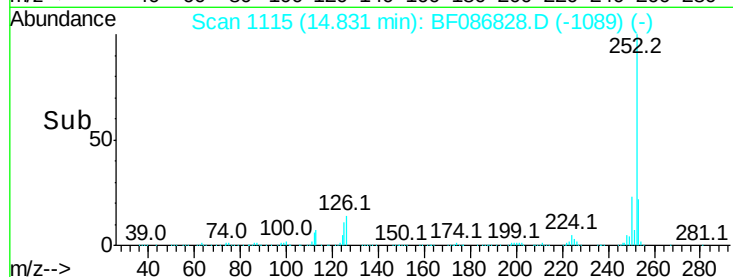
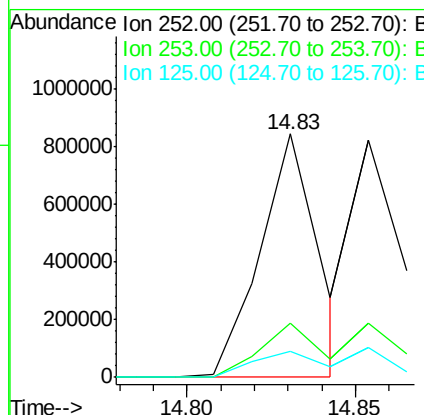
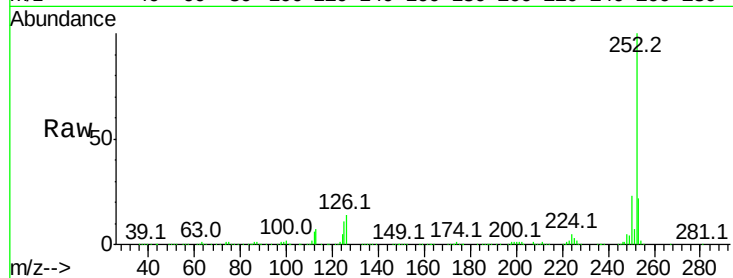
ClientSampled :

SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
252	100	996365		
253	22.3	17.8	26.6	
125	10.5	11.4	17.0	

Manual Integrations
APPROVED

sohil
5/10/2016 11:05:49 AM



#88

Benzo(k)fluoranthene

Concen: 38.76 ng m

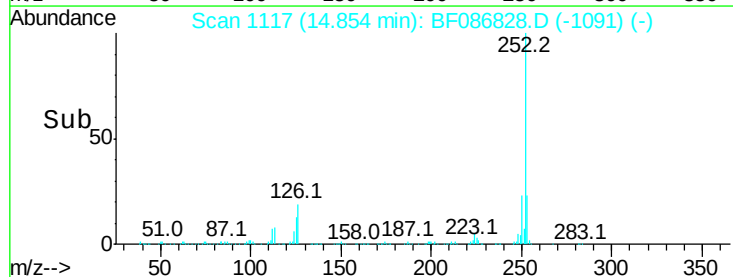
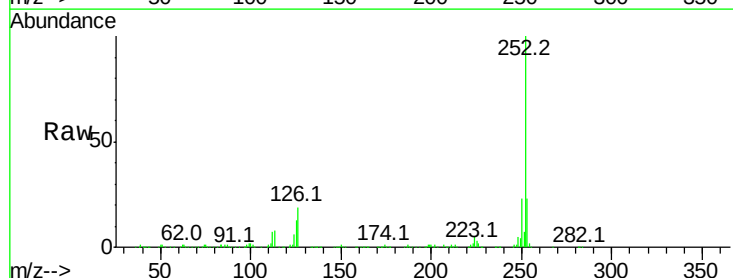
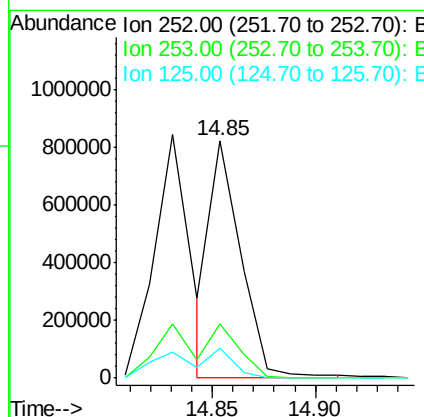
RT: 14.85 min Scan# 1117

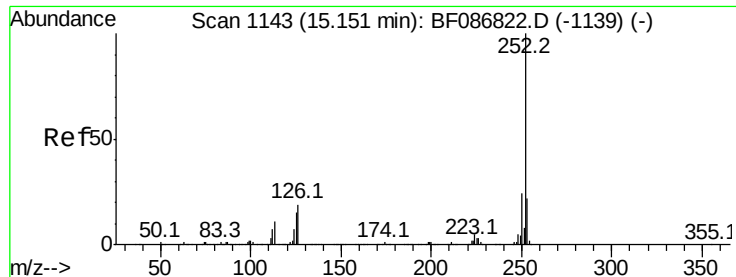
Delta R.T. -0.00 min

Lab File: BF086828.D

Acq: 9 May 2016 17:50

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	863776		
253	22.6	17.8	26.6	
125	12.7	9.1	13.7	





#89

Benzo(a)pyrene

Concen: 37.02 ng

RT: 15.15 min Scan# 1143

Delta R.T. -0.00 min

Lab File: BF086828.D

Acq: 9 May 2016 17:50

Instrument :

BNA_F

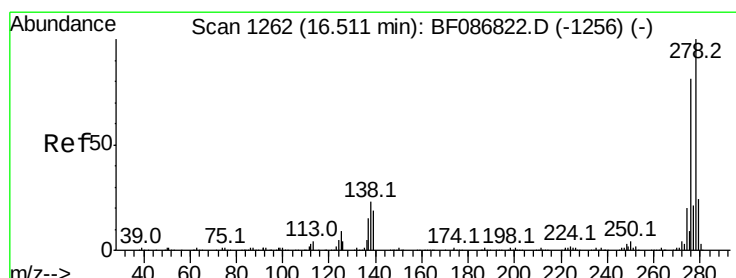
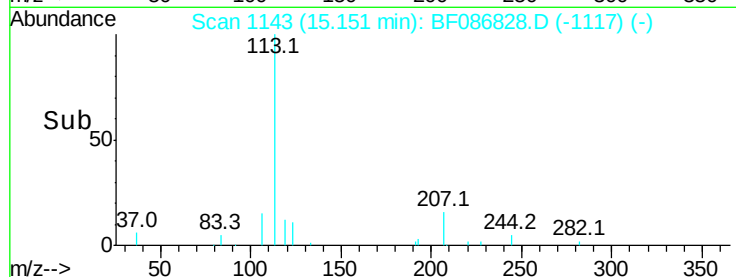
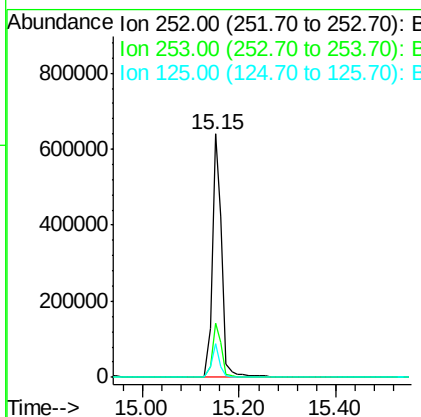
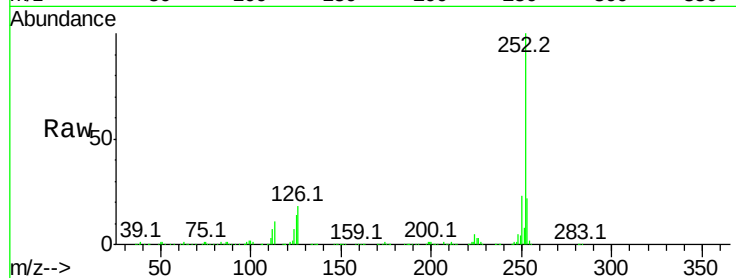
ClientSampleId :

SSTDCCC040

Tot Ion:	252	Resp:	868958
Ion Ratio	Lower	Upper	
252	100		
253	22.5	17.2	25.8
125	14.0	9.0	13.6

Manual Integrations
APPROVED

sohil
5/10/2016 11:05:49 AM



#90

Dibenzo(a,h)anthracene

Concen: 36.83 ng

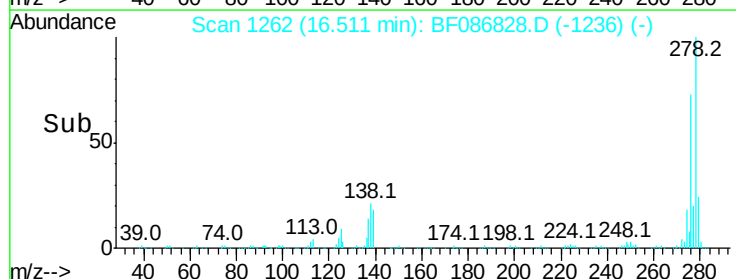
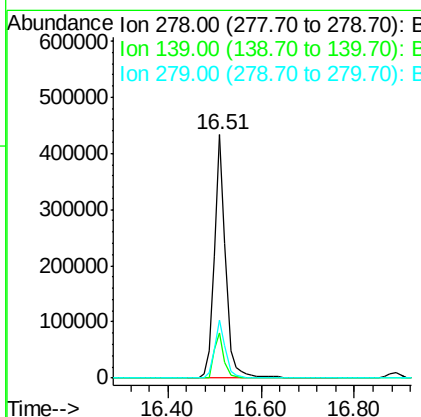
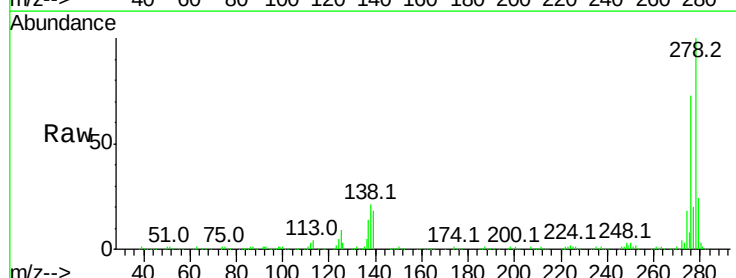
RT: 16.51 min Scan# 1262

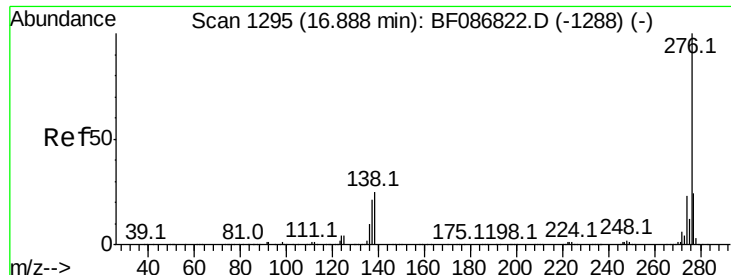
Delta R.T. -0.00 min

Lab File: BF086828.D

Acq: 9 May 2016 17:50

Tgt Ion:	278	Resp:	728610
Ion Ratio	Lower	Upper	
278	100		
139	18.5	16.6	24.8
279	23.6	19.6	29.4





#91
 Benzo(a,h,i)perylene
 Concen: 36.95 ng
 RT: 16.89 min Scan# 1295
 Delta R.T. -0.00 min
 Lab File: BF086828.D
 Acq: 9 May 2016 17:50

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp Lower	Upper
276	100		
277	23.2	19.6	29.4
138	23.5	23.6	35.4

Manual Integrations
 APPROVED

sohil
 5/10/2016 11:05:49 AM

