

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050916\
 Data File : BF086834.D
 Acq On : 9 May 2016 21:36
 Operator : UM/SJ
 Sample : PB90374BS
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB90374BS

Manual Integrations
 APPROVED

sohil
 5/10/2016 11:06:00 AM

Quant Time: May 10 03:25:03 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	157982	20.00	ng	0.00
21) Naphthalene-d8	7.97	136	653345	20.00	ng	-0.01
38) Acenaphthene-d10	9.73	164	327323	20.00	ng	0.00
63) Phenanthrene-d10	11.21	188	630191	20.00	ng	0.00
75) Chrysene-d12	13.84	240	500257	20.00	ng	0.00
86) Perylene-d12	15.21	264	401366	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.30	112	1081356	115.92	ng	0.01
7) Phenol-d6	6.36	99	1559177	125.06	ng	0.00
23) Nitrobenzene-d5	7.26	82	974754	74.91	ng	0.00
41) 2,4,6-Tribromophenol	10.52	330	425225	122.71	ng	0.00
44) 2-Fluorobiphenyl	9.06	172	1580265	81.14	ng	0.00
78) Terphenyl-d14	12.79	244	1645436	69.79	ng	-0.01

Target Compounds						Qvalue
2) 1,4-Dioxane	2.26	88	142688	31.16	ng	# 69
3) Pyridine	2.94	79	380149	33.95	ng	# 64
4) n-Nitrosodimethylamine	2.89	42	311757	38.40	ng	# 52
6) Aniline	6.36	93	361324	23.96	ng	# 29
8) 2-Chlorophenol	6.49	128	435847	38.72	ng	97
9) Benzaldehyde	6.25	77	46092	6.38	ng	96
10) Phenol	6.37	94	567026	38.26	ng	83
11) bis(2-Chloroethyl)ether	6.44	93	456609	39.52	ng	96
12) 1,3-Dichlorobenzene	6.62	146	432325m	35.49	ng	
13) 1,4-Dichlorobenzene	6.70	146	444169m	35.75	ng	
14) 1,2-Dichlorobenzene	6.86	146	412379	38.09	ng	96
15) Benzyl Alcohol	6.85	79	389224	45.21	ng	89
16) 2,2'-oxybis(1-Chloropropan	6.98	45	888983	35.39	ng	70
17) 2-Methylphenol	6.98	107	365748	40.83	ng	# 82
18) Hexachloroethane	7.20	117	172780	36.97	ng	95
19) n-Nitroso-di-n-propylamine	7.12	70	331261	38.02	ng	# 64
20) 3+4-Methylphenols	7.13	107	493867	42.22	ng	# 65
22) Acetophenone	7.12	105	638060	41.35	ng	# 95
24) Nitrobenzene	7.29	77	529678	39.57	ng	91
25) Isophorone	7.53	82	950760	39.38	ng	98
26) 2-Nitrophenol	7.60	139	227450	38.66	ng	# 67
27) 2,4-Dimethylphenol	7.65	122	381762	38.09	ng	87
28) bis(2-Chloroethoxy)methane	7.74	93	571911	43.92	ng	99
29) 2,4-Dichlorophenol	7.85	162	367642	41.68	ng	95
30) 1,2,4-Trichlorobenzene	7.93	180	387303	39.27	ng	98
31) Naphthalene	8.00	128	1226438	37.48	ng	99
32) Benzoic acid	7.80	122	238094	40.45	ng	# 84
33) 4-Chloroaniline	8.06	127	218729	17.20	ng	97
34) Hexachlorobutadiene	8.12	225	226049	39.50	ng	97
35) Caprolactam	8.44	113	126151m	42.03	ng	
36) 4-Chloro-3-methylphenol	8.57	107	457022	42.72	ng	94
37) 2-Methylnaphthalene	8.69	142	864102	45.17	ng	97
39) 1,2,4,5-Tetrachlorobenzene	8.85	216	339583	35.68	ng	97
40) Hexachlorocyclopentadiene	8.84	237	376308	83.31	ng	96

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050916\
 Data File : BF086834.D
 Acq On : 9 May 2016 21:36
 Operator : UM/SJ
 Sample : PB90374BS
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB90374BS

Manual Integrations
 APPROVED

sohil
 5/10/2016 11:06:00 AM

Quant Time: May 10 03:25:03 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	250442	39.35	nq	94
43) 2,4,5-Trichlorophenol	9.02	196	253069	38.45	nq	# 77
45) 1,1'-Biphenyl	9.16	154	1068131	41.03	nq	100
46) 2-Chloronaphthalene	9.18	162	802149	39.33	nq	98
47) 2-Nitroaniline	9.29	65	309650	41.54	nq	# 76
48) Acenaphthylene	9.60	152	1289598	42.98	nq	99
49) Dimethylphthalate	9.47	163	993921	39.80	nq	100
50) 2,6-Dinitrotoluene	9.53	165	198360	37.74	nq	# 73
51) Acenaphthene	9.77	154	789736	42.31	nq	98
52) 3-Nitroaniline	9.70	138	128580	23.24	nq	# 79
53) 2,4-Dinitrophenol	9.81	184	222303	82.51	nq	84
54) Dibenzofuran	9.94	168	1138007	47.50	nq	99
55) 4-Nitrophenol	9.89	139	291177	78.99	nq	# 69
56) 2,4-Dinitrotoluene	9.94	165	268865	41.34	nq	# 84
57) Fluorene	10.28	166	867731	42.47	nq	100
58) 2,3,4,6-Tetrachlorophenol	10.06	232	233648	47.16	nq	95
59) Diethylphthalate	10.17	149	1011947	41.58	nq	96
60) 4-Chlorophenyl-phenylether	10.27	204	380499	42.13	nq	96
61) 4-Nitroaniline	10.32	138	218782	41.17	nq	# 71
62) Azobenzene	10.43	77	1163239	44.31	nq	87
64) 4,6-Dinitro-2-methylphenol	10.34	198	145283	37.11	nq	# 44
65) n-Nitrosodiphenylamine	10.40	169	805332	41.60	nq	100
66) 4-Bromophenyl-phenylether	10.76	248	256157	40.09	nq	# 79
67) Hexachlorobenzene	10.82	284	284175	38.06	nq	# 80
68) Atrazine	10.93	200	276822	42.80	nq	96
69) Pentachlorophenol	11.02	266	297348	86.16	nq	98
70) Phenanthrene	11.23	178	1231872	36.63	nq	99
71) Anthracene	11.29	178	1439305	41.85	nq	100
72) Carbazole	11.45	167	1287419	43.54	nq	99
73) Di-n-butylphthalate	11.78	149	1544270	42.77	nq	99
74) Fluoranthene	12.41	202	1327377	38.37	nq	99
76) Benzidine	12.55	184	376467	29.52	nq	96
77) Pyrene	12.64	202	1294716	33.81	nq	100
79) Butylbenzylphthalate	13.27	149	581962	35.92	nq	# 71
80) Benzo(a)anthracene	13.83	228	1093651	38.94	nq	99
81) 3,3'-Dichlorobenzidine	13.79	252	220336	12.35	nq	98
82) Chrysene	13.86	228	936741	32.79	nq	99
83) Bis(2-ethylhexyl)phthalate	13.83	149	728326	37.38	nq	98
84) Di-n-octyl phthalate	14.43	149	1279300	39.63	nq	# 84
85) Indeno(1,2,3-cd)pyrene	16.50	276	837418	35.23	nq	96
87) Benzo(b)fluoranthene	14.83	252	1007861m	38.64	nq	
88) Benzo(k)fluoranthene	14.85	252	846868m	39.65	nq	
89) Benzo(a)pyrene	15.15	252	869996	38.67	nq	# 97
90) Dibenzo(a,h)anthracene	16.51	278	696476	36.73	nq	95
91) Benzo(g,h,i)perylene	16.89	276	701079	36.39	nq	# 92

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

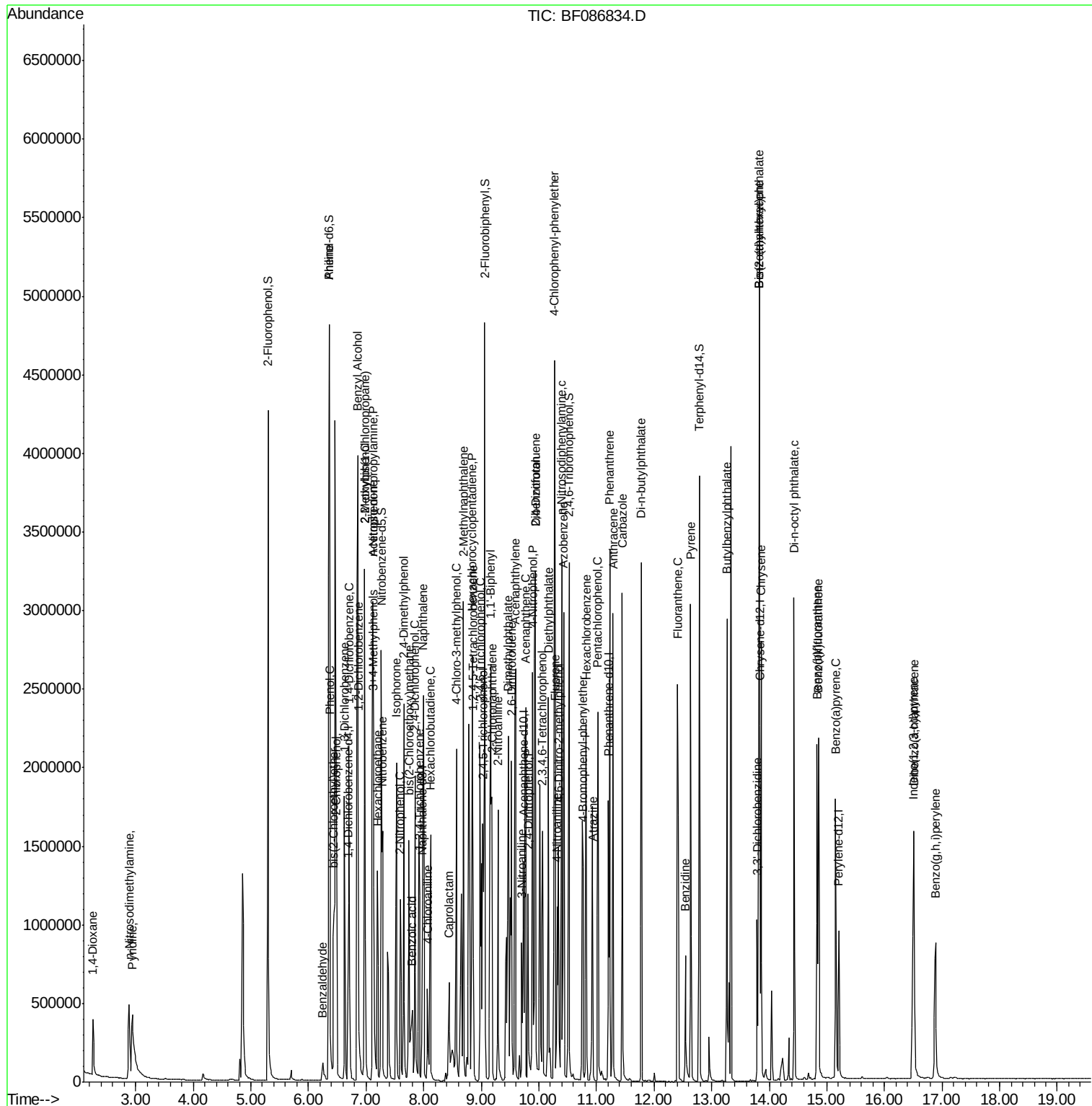
```
Data Path : Z:\HPCHEM1\BNA F\DATA\BF050916\  
Data File : BF086834.D  
Acq On    : 9 May 2016 21:36  
Operator  : UM/SJ  
Sample    : PB90374BS  
Misc      :  
ALS Vial  : 8 Sample Multiplier: 1
```

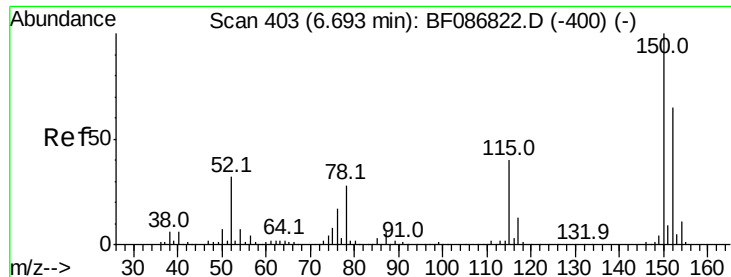
Instrument :
BNA_F
ClientSampleId :
PB90374BS

Manual Integrations APPROVED

sohil
5/10/2016 11:06:00 AM

Quant Time: May 10 03:25:03 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: BF086834.D

Acq: 9 May 2016 21:36

Instrument :

BNA_F

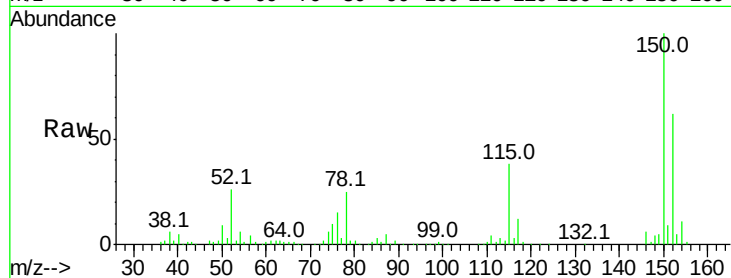
ClientSampleId :

PB90374BS

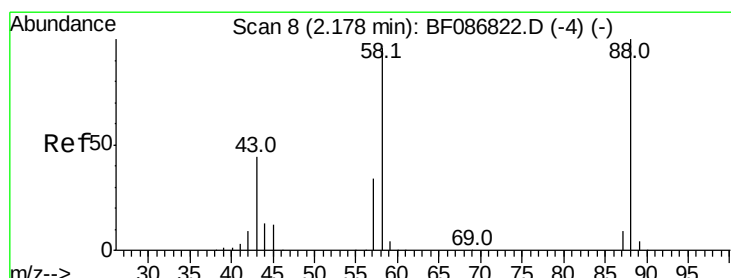
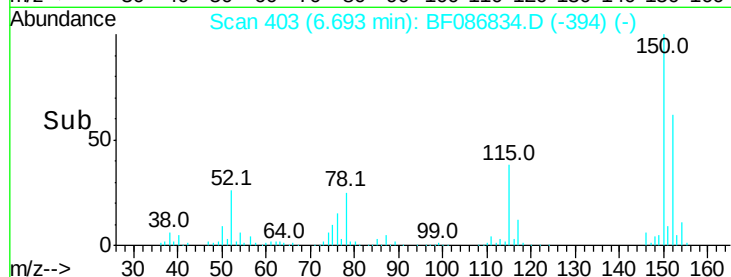
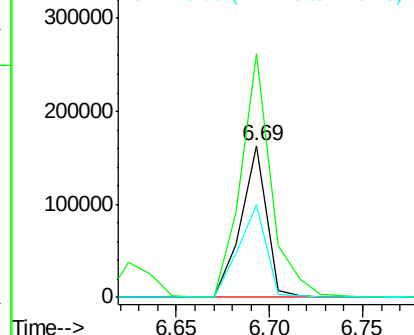
Tot Ion:	152	Resp:	157982
Ion Ratio	Lower	Upper	
152	100		
150	160.2	125.8	188.6
115	60.7	51.5	77.3

Manual Integrations
APPROVED

sohil
5/10/2016 11:06:00 AM



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



#2

1,4-Dioxane

Concen: 31.16 ng

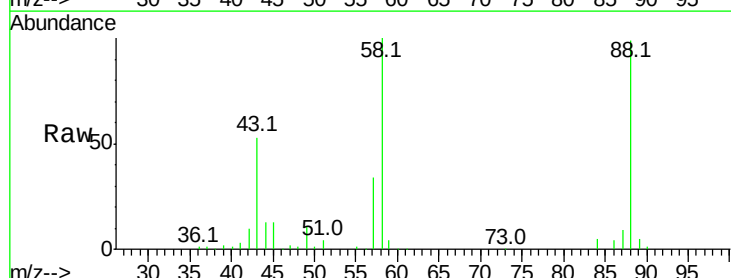
RT: 2.26 min Scan# 15

Delta R.T. 0.08 min

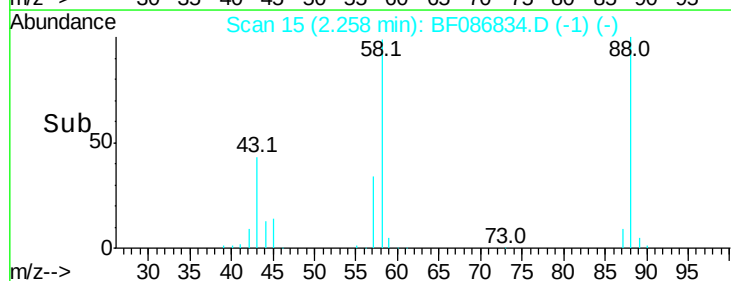
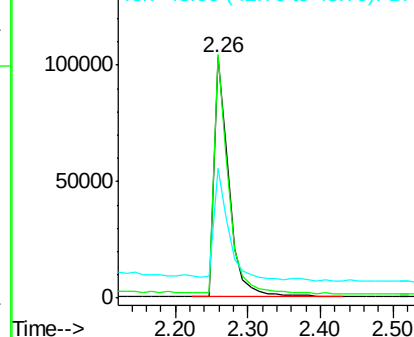
Lab File: BF086834.D

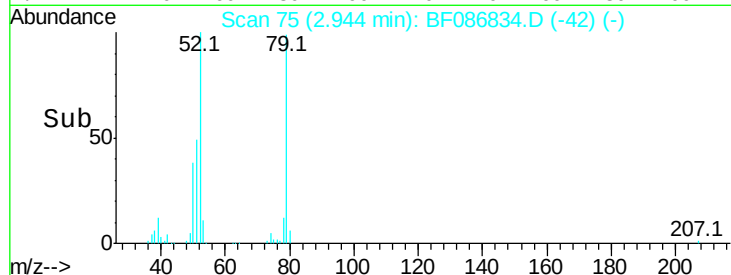
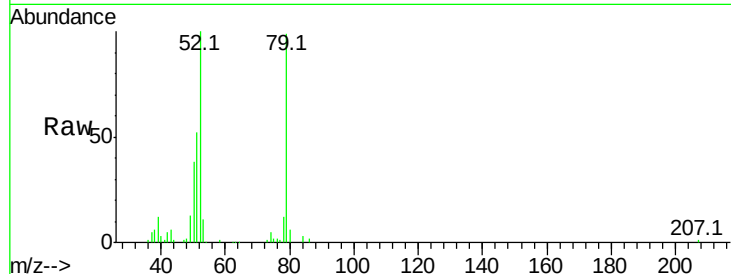
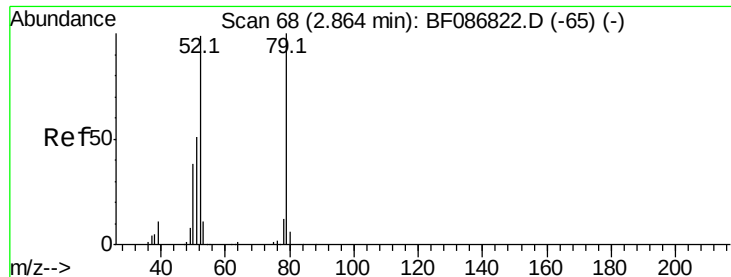
Acq: 9 May 2016 21:36

Tgt Ion:	88	Resp:	142688
Ion Ratio	Lower	Upper	
88	100		
58	96.6	59.6	89.4#
43	50.1	21.8	32.6#



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





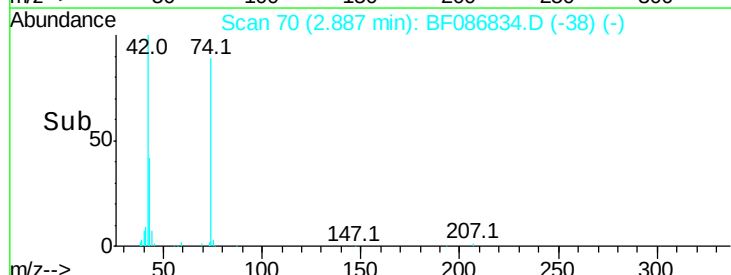
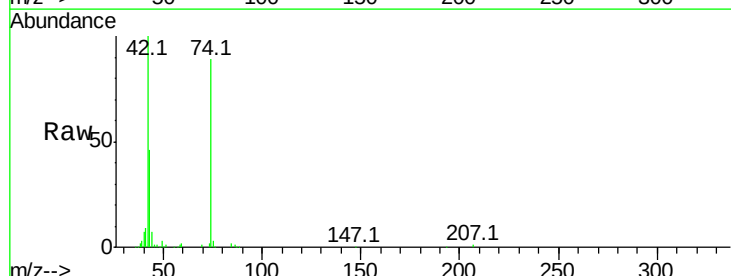
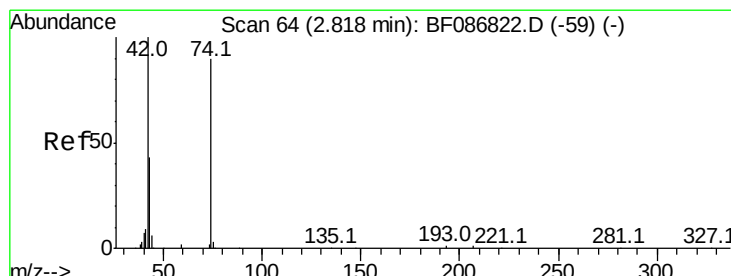
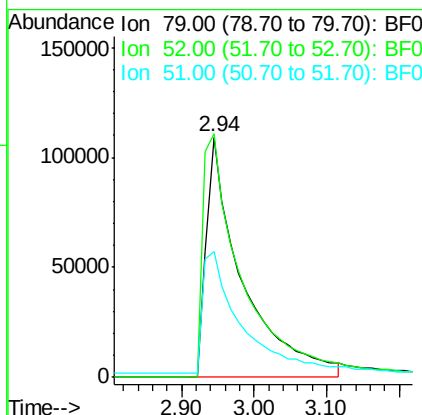
#3
 Pvridine
 Concen: 33.95 ng
 RT: 2.94 min Scan# 75
 Delta R.T. 0.08 min
 Lab File: BF086834.D
 Acq: 9 May 2016 21:36

Tot Ion	Ratio	Lower	Upper
79	100		
52	101.4	55.9	83.9#
51	52.4	28.1	42.1#

Instrument :
 BNA_F
 ClientSampleId :
 PB90374BS

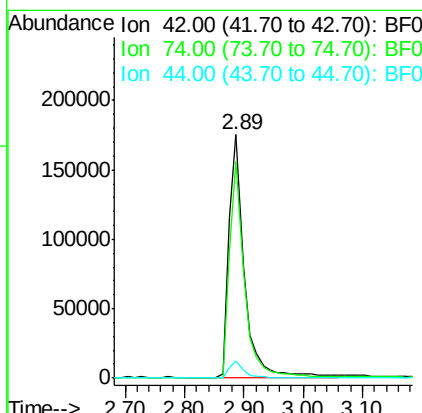
Manual Integrations
 APPROVED

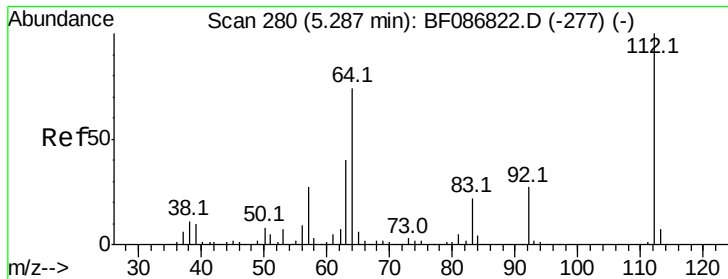
sohil
 5/10/2016 11:06:00 AM



#4
 n-Nitrosodimethylamine
 Concen: 38.40 ng
 RT: 2.89 min Scan# 70
 Delta R.T. 0.07 min
 Lab File: BF086834.D
 Acq: 9 May 2016 21:36

Tgt Ion	Ratio	Lower	Upper
42	100		
74	88.8	123.4	185.0#
44	6.8	5.8	8.6





#5

2-Fluorophenol

Concen: 115.92 ng

RT: 5.30 min Scan# 281

Delta R.T. 0.01 min

Lab File: BF086834.D

Acq: 9 May 2016 21:36

Instrument :

BNA_F

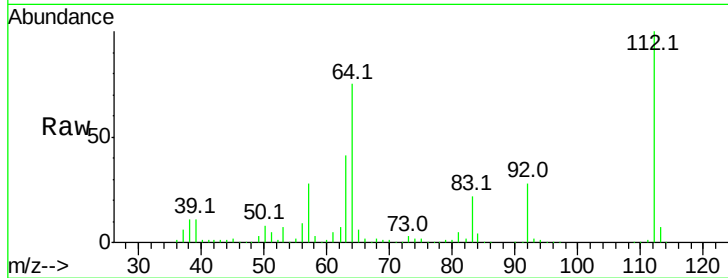
ClientSampled :

PB90374BS

Tot Ion	Ratio	Lower	Upper
112	100		
64	75.3	52.1	78.1
63	41.0	25.7	38.5

Manual Integrations
APPROVED

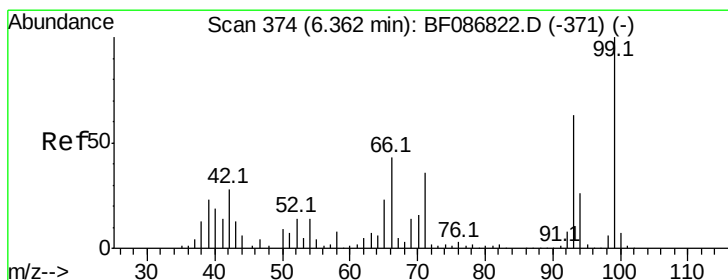
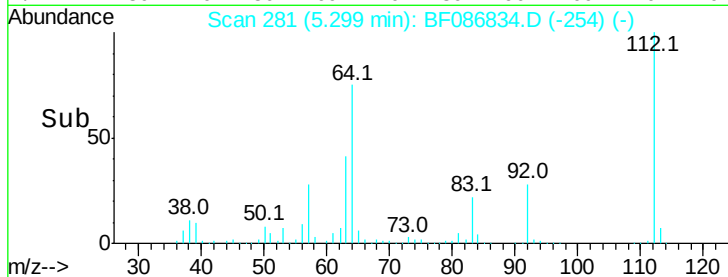
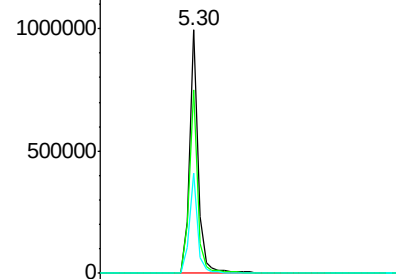
sohil
5/10/2016 11:06:00 AM



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 23.96 ng

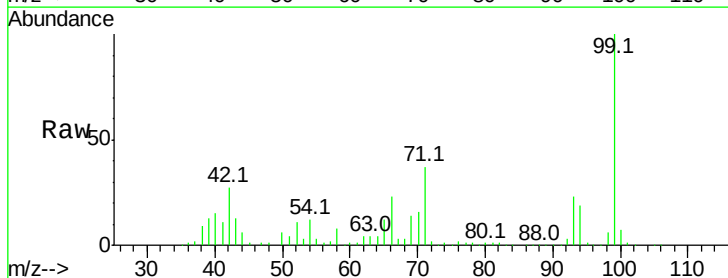
RT: 6.36 min Scan# 374

Delta R.T. 0.00 min

Lab File: BF086834.D

Acq: 9 May 2016 21:36

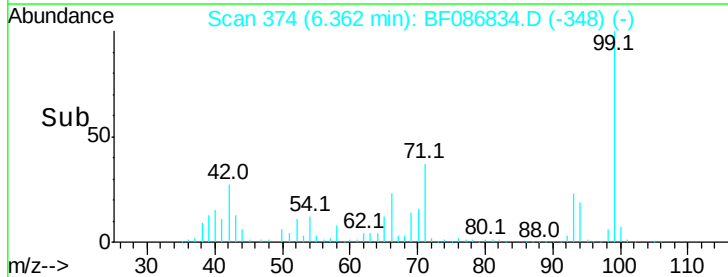
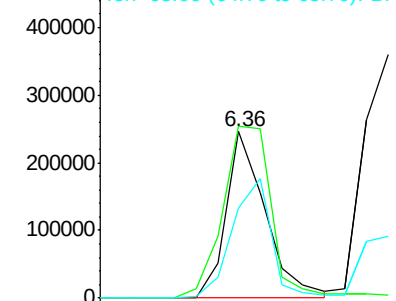
Tgt Ion	Ratio	Lower	Upper
93	100		
66	103.2	39.0	58.6
65	54.0	20.6	31.0

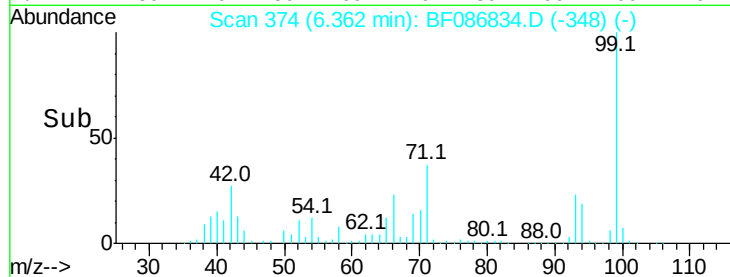
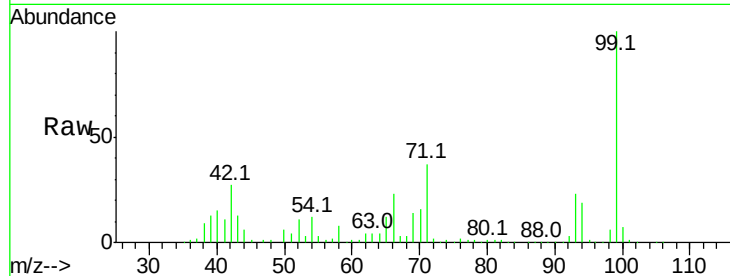
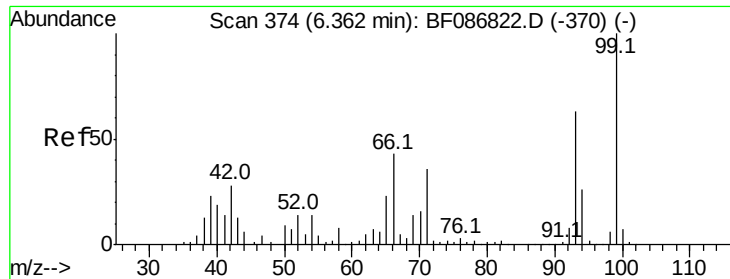


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 125.06 ng

RT: 6.36 min Scan# 374

Delta R.T. 0.00 min

Lab File: BF086834.D

Acq: 9 May 2016 21:36

Tot Ion: 99 Resp: 1559177

Ion Ratio Lower Upper

99 100

42 26.9 13.6 20.4#

71 36.9 24.6 36.8#

Instrument :

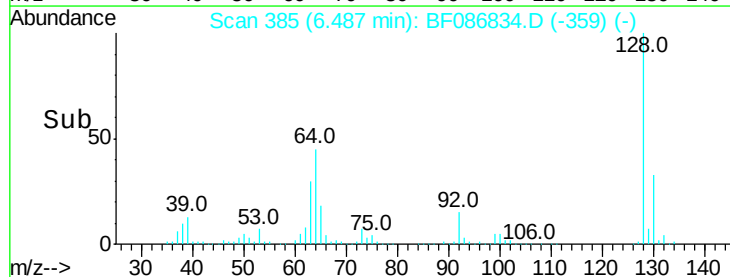
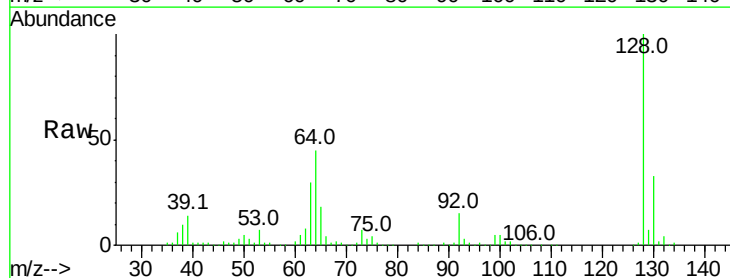
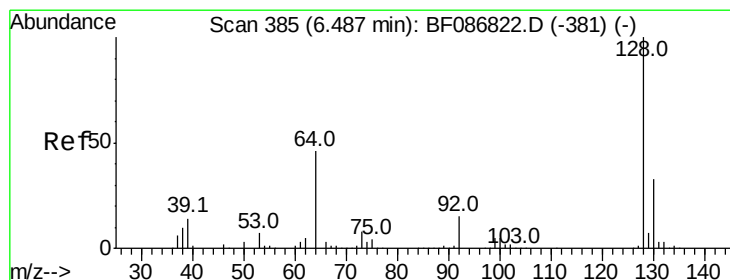
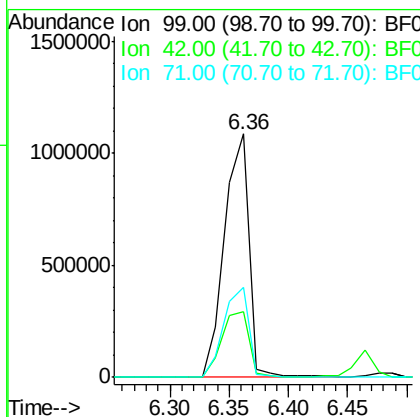
BNA_F

ClientSampleId :

PB90374BS

Manual Integrations
APPROVED

sohil
5/10/2016 11:06:00 AM



#8

2-Chlorophenol

Concen: 38.72 ng

RT: 6.49 min Scan# 385

Delta R.T. 0.00 min

Lab File: BF086834.D

Acq: 9 May 2016 21:36

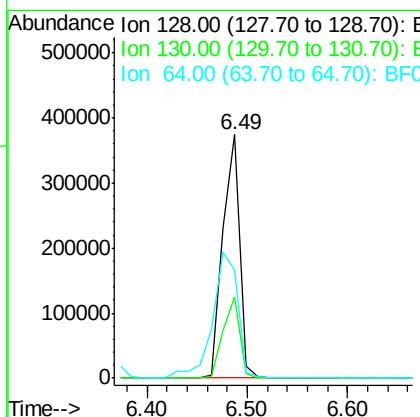
Tgt Ion:128 Resp: 435847

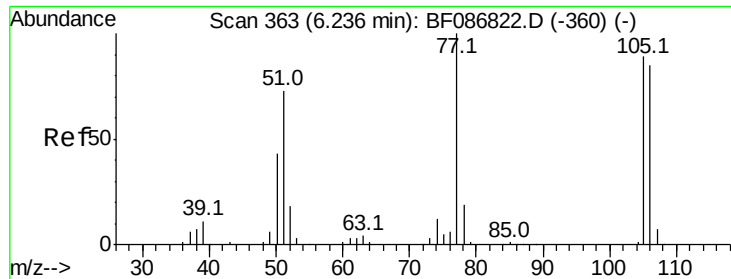
Ion Ratio Lower Upper

128 100

130 33.4 12.5 52.5

64 44.6 27.3 67.3





#9

Benzaldehyde

Concen: 6.38 ng

RT: 6.25 min Scan# 364

Delta R.T. 0.01 min

Lab File: BF086834.D

Acq: 9 May 2016 21:36

Instrument :

BNA_F

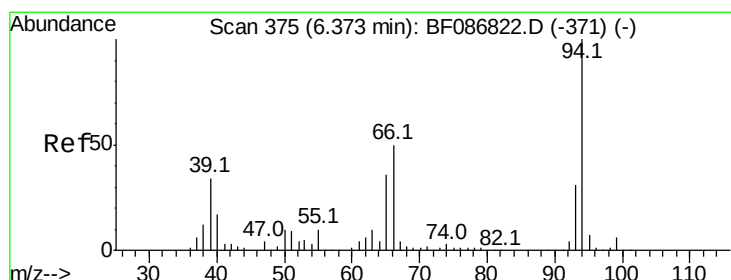
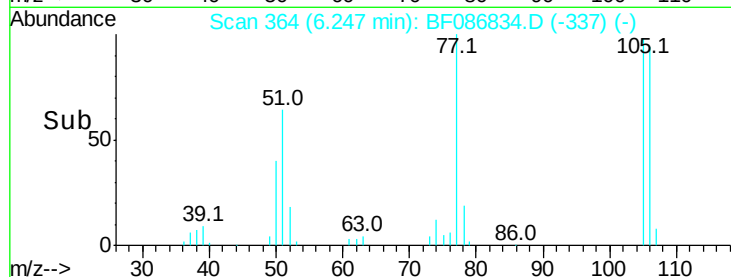
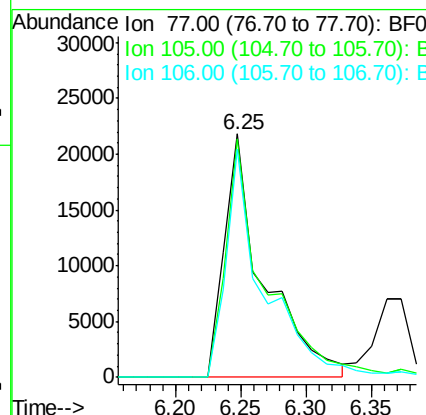
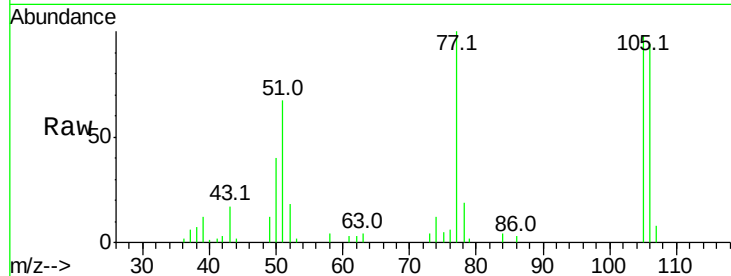
ClientSampled :

PB90374BS

Tot Ion:	77	Resp:	46092
Ion	Ratio	Lower	Upper
77	100		
105	98.1	72.7	112.7
106	93.7	70.8	110.8

Manual Integrations
APPROVED

sohil
5/10/2016 11:06:00 AM



#10

Phenol

Concen: 38.26 ng

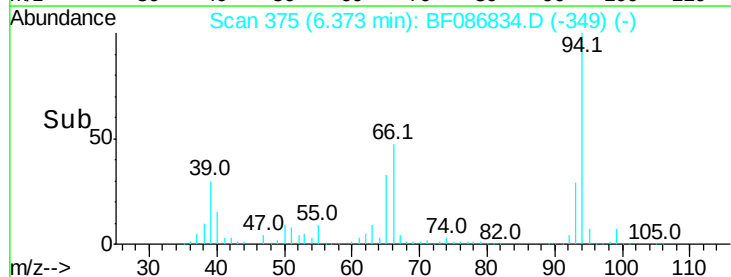
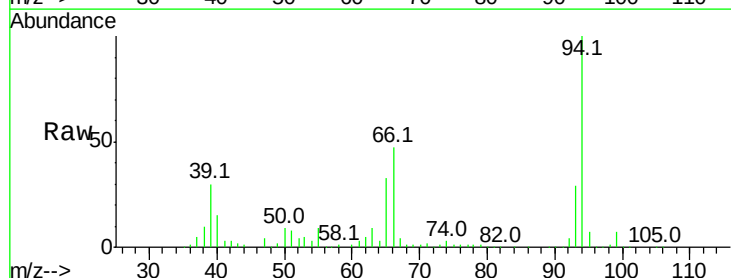
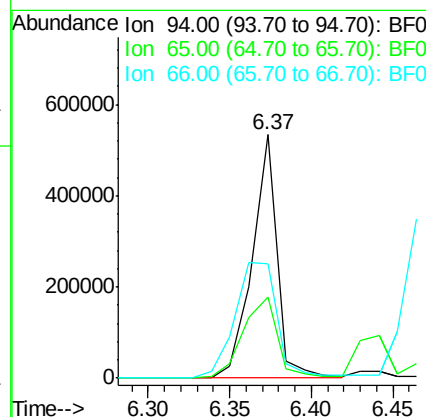
RT: 6.37 min Scan# 375

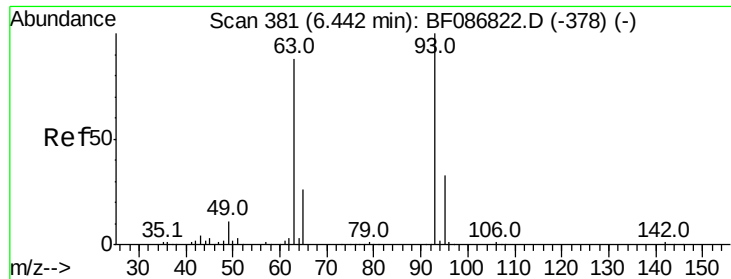
Delta R.T. 0.00 min

Lab File: BF086834.D

Acq: 9 May 2016 21:36

Tgt Ion:	94	Resp:	567026
Ion	Ratio	Lower	Upper
94	100		
65	33.1	7.2	47.2
66	46.8	14.9	54.9





#11

bis(2-Chloroethyl)ether

Concen: 39.52 ng

RT: 6.44 min Scan# 381

Delta R.T. 0.00 min

Lab File: BF086834.D

Acq: 9 May 2016 21:36

Instrument :

BNA_F

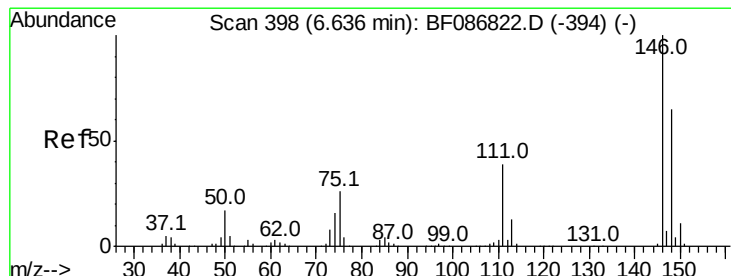
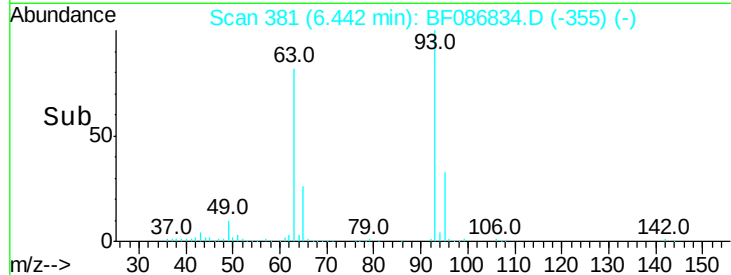
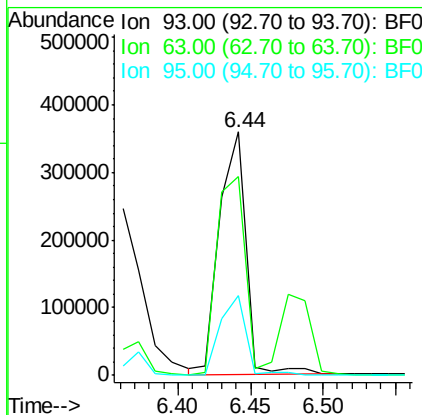
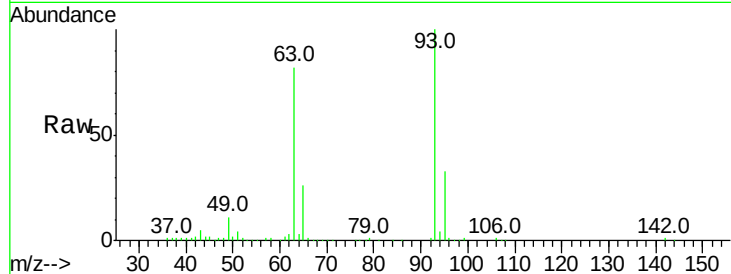
ClientSampleId :

PB90374BS

Tot Ion:	93	Resp:	456609
Ion Ratio	Lower	Upper	
93	100		
63	81.6	58.0	98.0
95	32.9	11.9	51.9

Manual Integrations
APPROVED

sohil
5/10/2016 11:06:00 AM



#12

1,3-Dichlorobenzene

Concen: 35.49 ng m

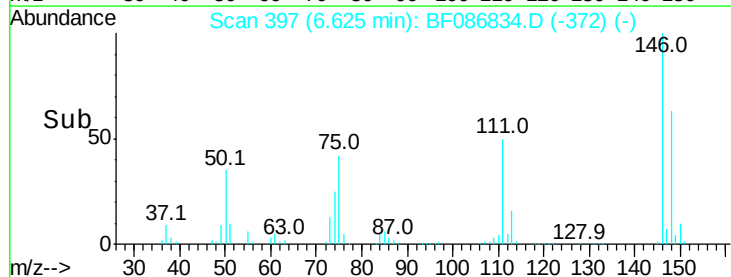
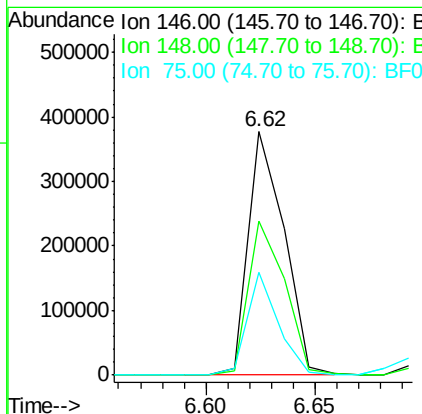
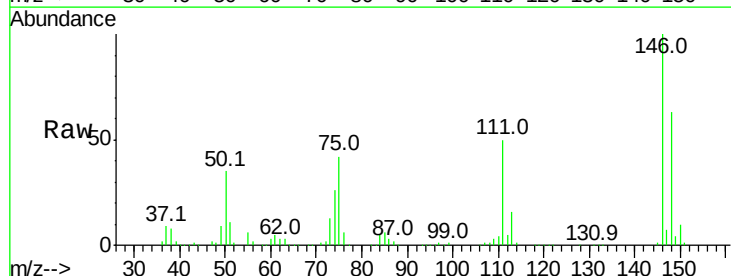
RT: 6.62 min Scan# 397

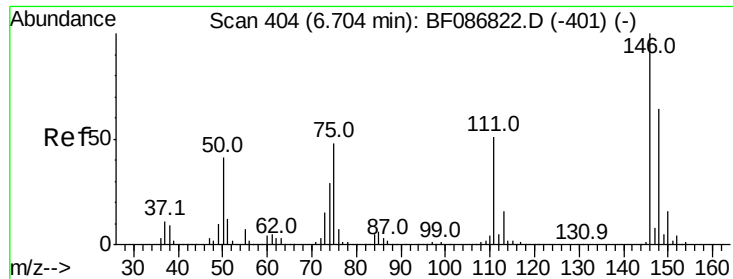
Delta R.T. -0.01 min

Lab File: BF086834.D

Acq: 9 May 2016 21:36

Tgt Ion:	146	Resp:	432325
Ion Ratio	Lower	Upper	
146	100		
148	63.2	52.4	78.6
75	42.2	22.8	34.2#





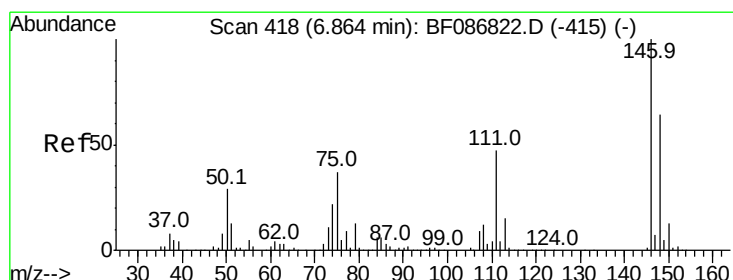
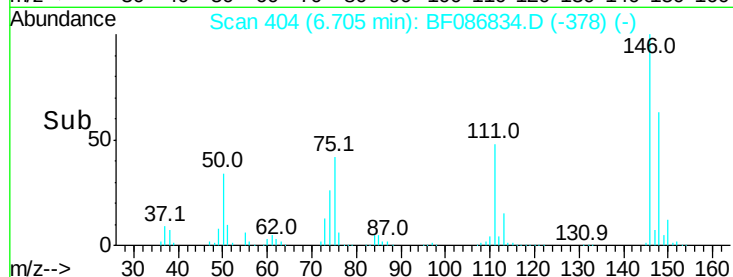
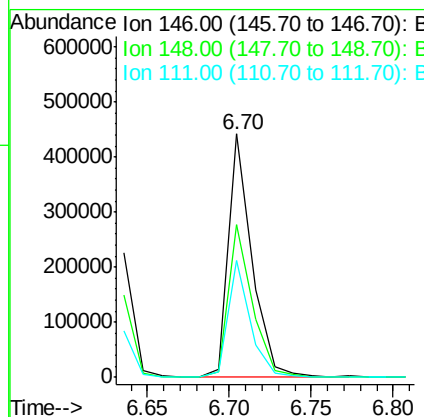
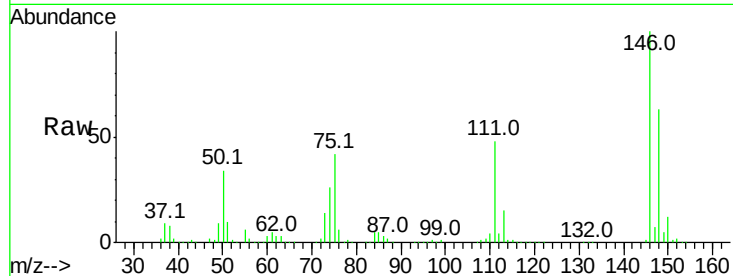
#13
 1,4-Dichlorobenzene
 Concen: 35.75 ng/ml
 RT: 6.70 min Scan# 404
 Delta R.T. 0.00 min
 Lab File: BF086834.D
 Acq: 9 May 2016 21:36

Instrument :
 BNA_F
 ClientSampleID :
 PB90374BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	62.6	52.2	78.4
111	48.1	30.7	46.1

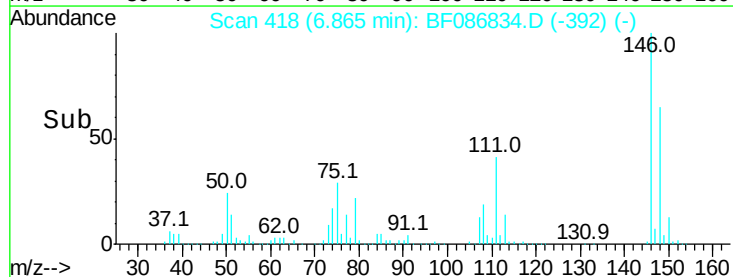
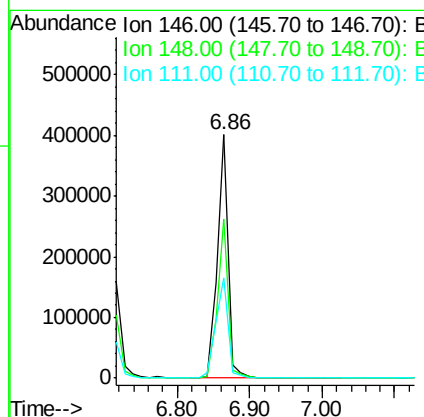
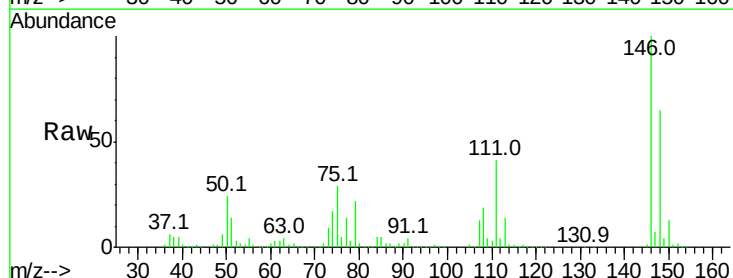
Manual Integrations
 APPROVED

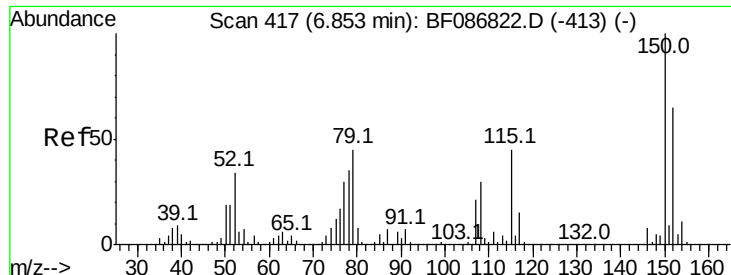
sohil
 5/10/2016 11:06:00 AM



#14
 1,2-Dichlorobenzene
 Concen: 38.09 ng/ml
 RT: 6.86 min Scan# 418
 Delta R.T. 0.00 min
 Lab File: BF086834.D
 Acq: 9 May 2016 21:36

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.4	51.0	76.6
111	41.4	36.2	54.4





#15

Benzyl Alcohol

Concen: 45.21 ng

RT: 6.85 min Scan# 417

Delta R.T. 0.00 min

Lab File: BF086834.D

Acq: 9 May 2016 21:36

Instrument :

BNA_F

ClientSampled :

PB90374BS

Tot Ion: 79 Resp: 389224

Ion Ratio Lower Upper

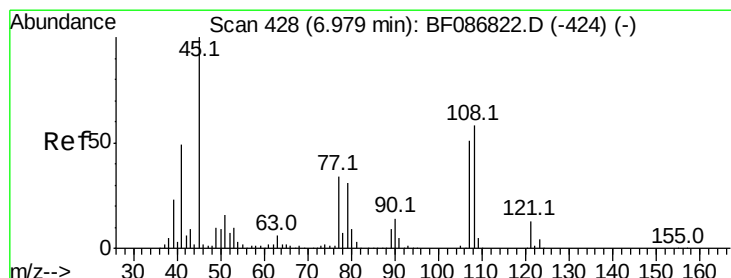
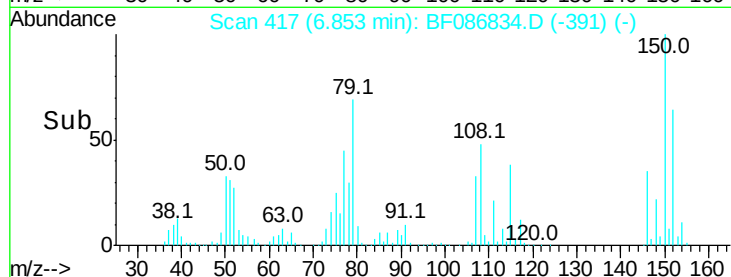
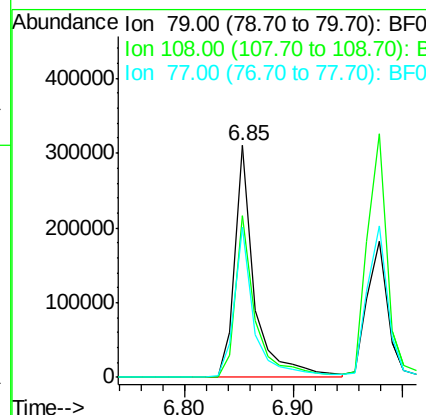
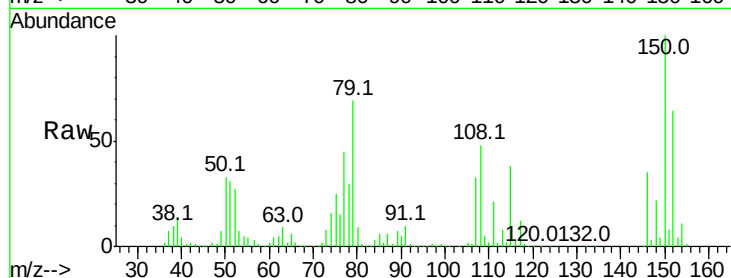
79 100

108 69.7 68.4 102.6

77 64.7 50.6 76.0

Manual Integrations
APPROVED

sohil
5/10/2016 11:06:00 AM



#16

2,2'-oxybis(1-Chloropropane)

Concen: 35.39 ng

RT: 6.98 min Scan# 428

Delta R.T. 0.00 min

Lab File: BF086834.D

Acq: 9 May 2016 21:36

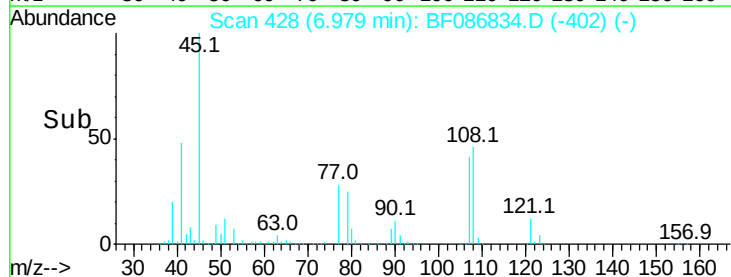
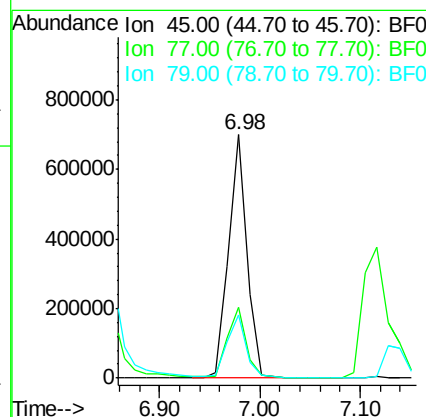
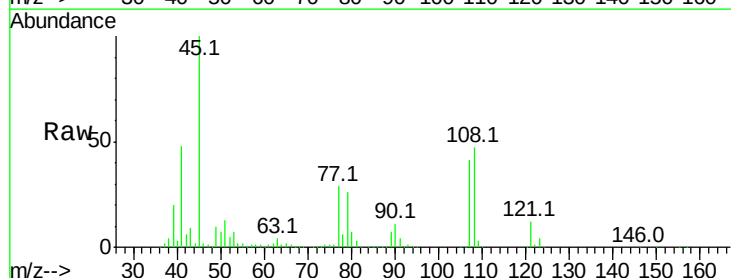
Tgt Ion: 45 Resp: 888983

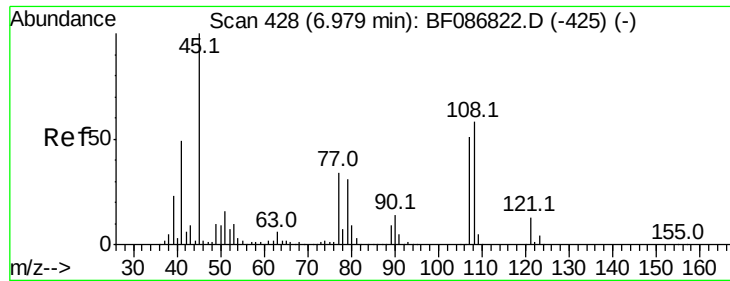
Ion Ratio Lower Upper

45 100

77 28.8 0.0 36.4

79 26.0 0.0 33.4





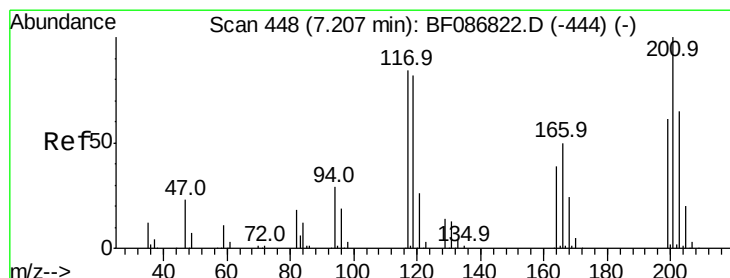
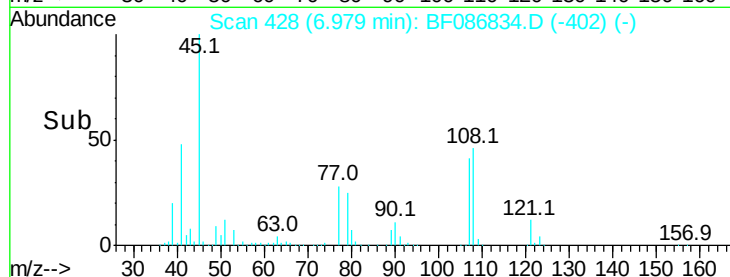
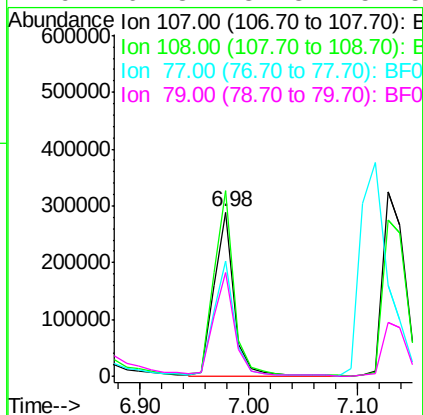
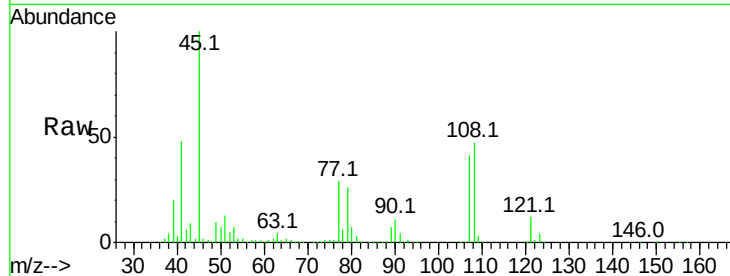
#17
2-Methylphenol
Concen: 40.83 ng
RT: 6.98 min Scan# 428
Delta R.T. 0.00 min
Lab File: BF086834.D
Acq: 9 May 2016 21:36

Instrument :
BNA_F
ClientSampleId :
PB90374BS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	112.5	93.7	140.5	
77	69.7	33.4	50.0#	
79	62.8	34.3	51.5#	

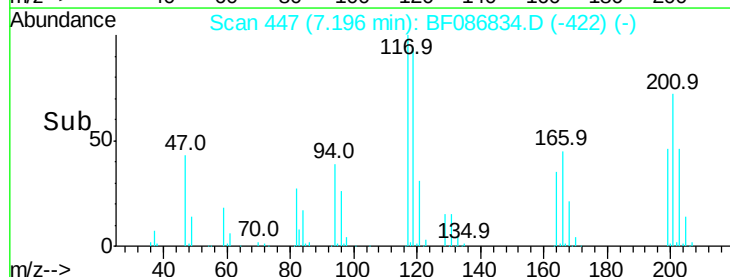
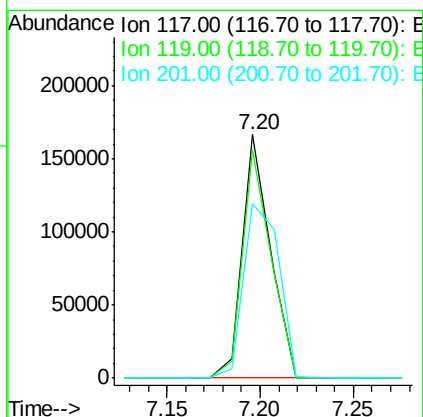
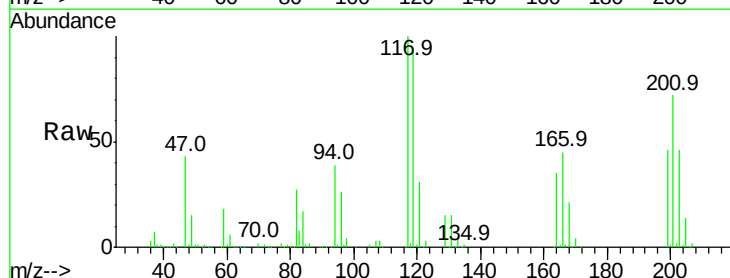
Manual Integrations
APPROVED

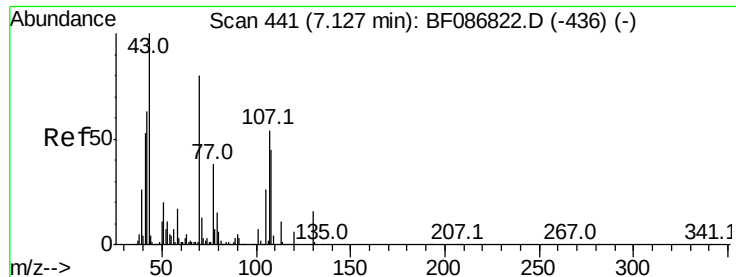
sohil
5/10/2016 11:06:00 AM



#18
Hexachloroethane
Concen: 36.97 ng
RT: 7.20 min Scan# 447
Delta R.T. -0.01 min
Lab File: BF086834.D
Acq: 9 May 2016 21:36

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	93.7	76.5	114.7	
201	71.7	63.0	94.6	





#19

n-Nitroso-di-n-propylamine

Concen: 38.02 ng

RT: 7.12 min Scan# 440

Delta R.T. -0.01 min

Lab File: BF086834.D

Acq: 9 May 2016 21:36

Instrument :

BNA_F

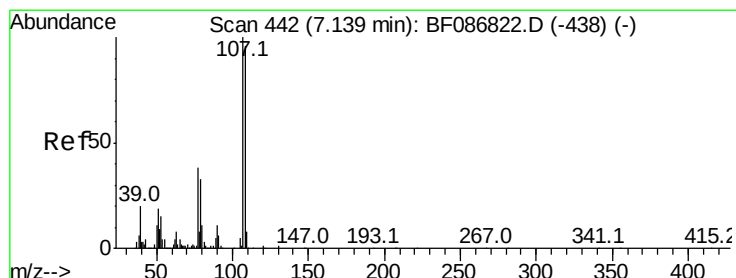
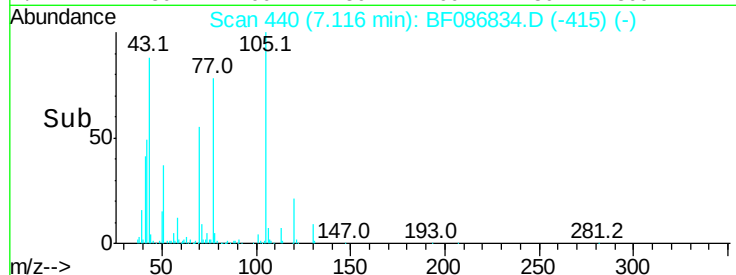
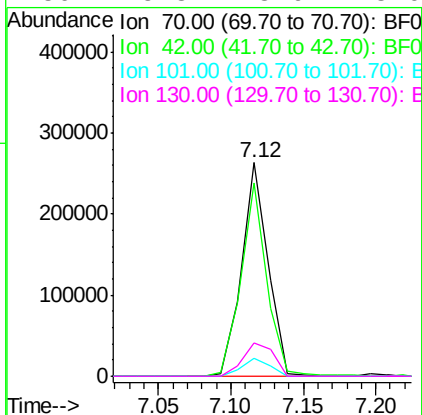
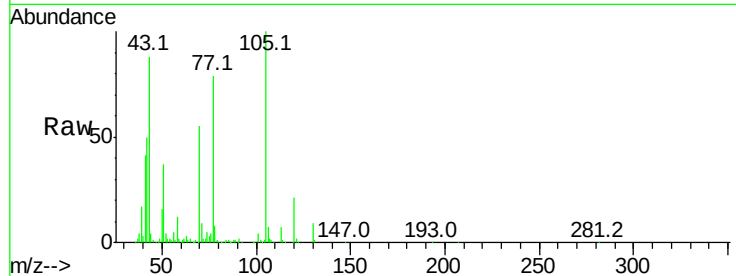
ClientSampleId :

PB90374BS

Manual Integrations
APPROVED

sohil
5/10/2016 11:06:00 AM

Tot Ion	Ratio	Lower	Upper
70	100		
42	90.3	43.1	64.7#
101	8.1	8.1	12.1
130	15.8	18.6	28.0#



#20

3+4-Methylphenols

Concen: 42.22 ng

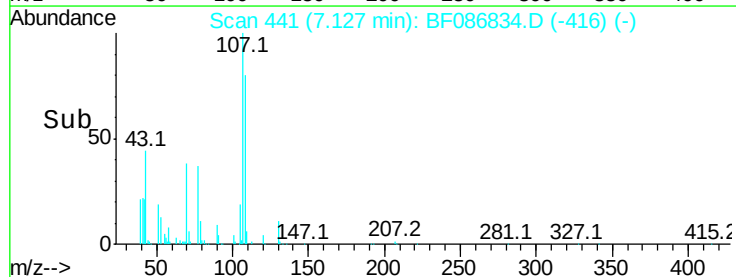
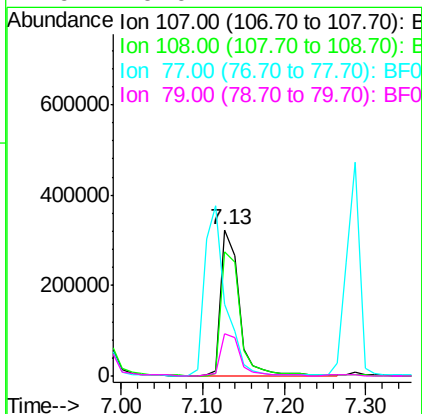
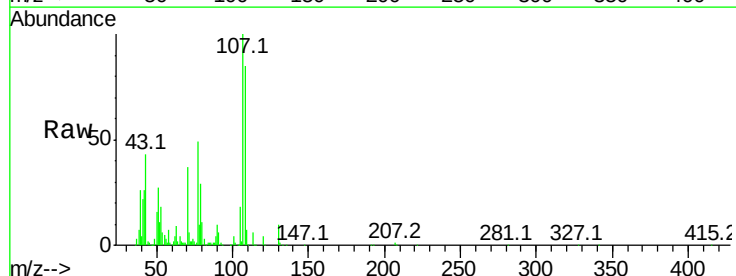
RT: 7.13 min Scan# 441

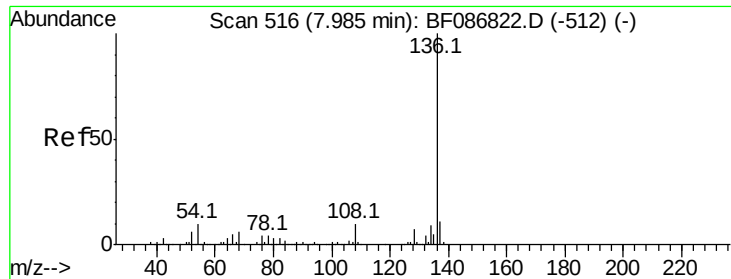
Delta R.T. -0.01 min

Lab File: BF086834.D

Acq: 9 May 2016 21:36

Tgt Ion	Ratio	Lower	Upper
107	100		
108	85.2	68.5	108.5
77	49.1	101.6	141.6#
79	29.0	7.4	47.4





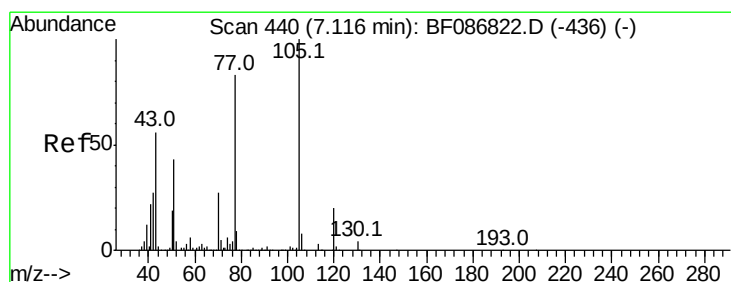
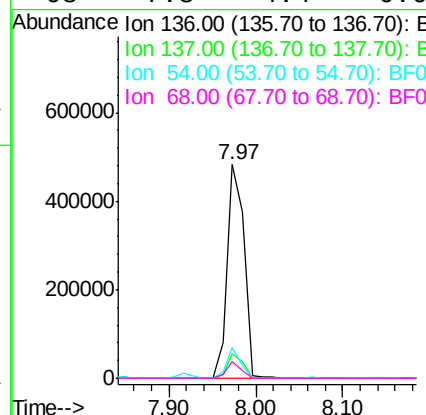
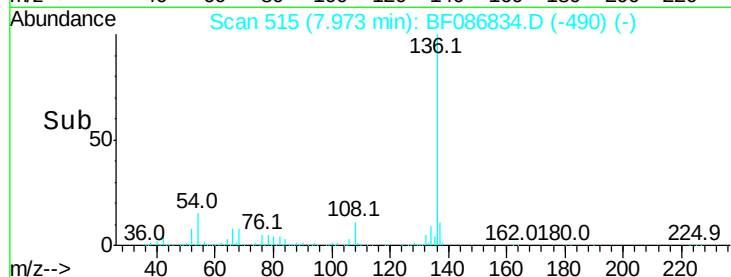
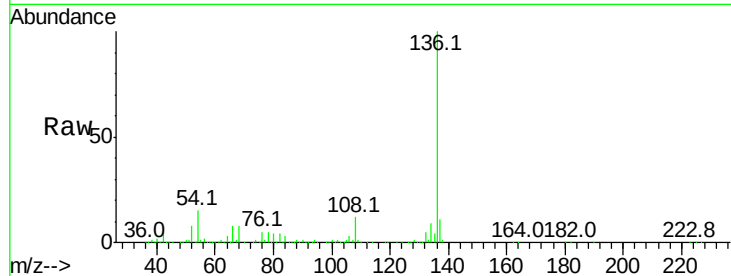
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.97 min Scan# 515
Delta R.T. -0.01 min
Lab File: BF086834.D
Acq: 9 May 2016 21:36

Instrument :
BNA_F
ClientSampleId :
PB90374BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	653345		
137	11.1	8.8	13.2	
54	14.7	5.0	7.4	#
68	7.8	4.4	6.6	#

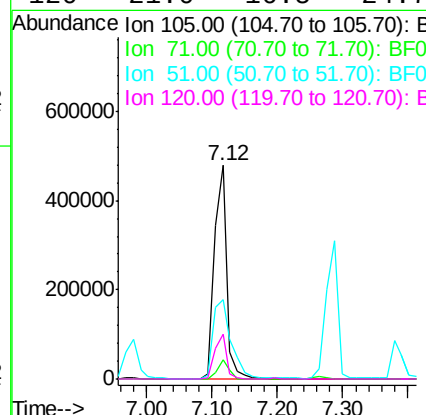
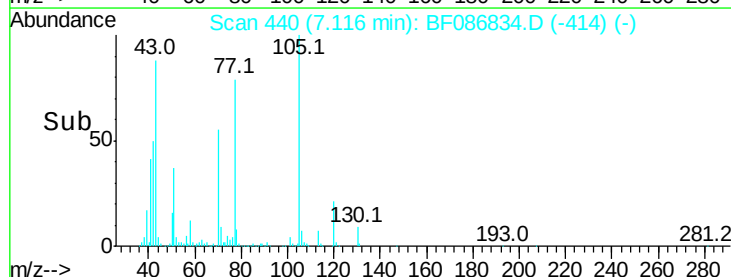
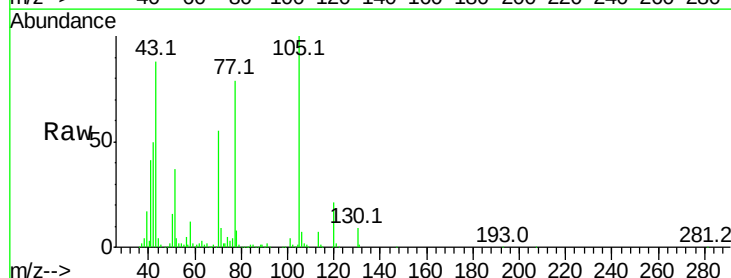
Manual Integrations
APPROVED

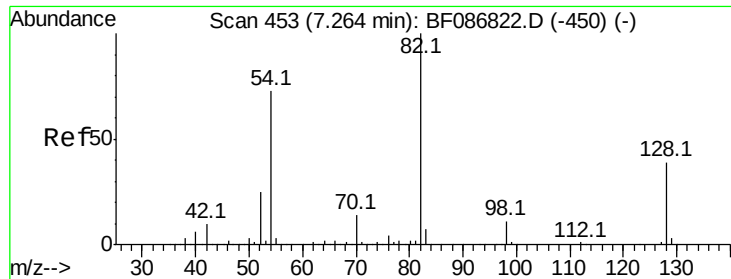
sohil
5/10/2016 11:06:00 AM



#22
Acetophenone
Concen: 41.35 ng
RT: 7.12 min Scan# 440
Delta R.T. 0.00 min
Lab File: BF086834.D
Acq: 9 May 2016 21:36

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	638060		
71	9.2	4.8	7.2	#
51	37.1	32.6	49.0	
120	21.0	16.5	24.7	





#23

Nitrobenzene-d5

Concen: 74.91 ng

RT: 7.26 min Scan# 453

Delta R.T. 0.00 min

Lab File: BF086834.D

Acq: 9 May 2016 21:36

Instrument :

BNA_F

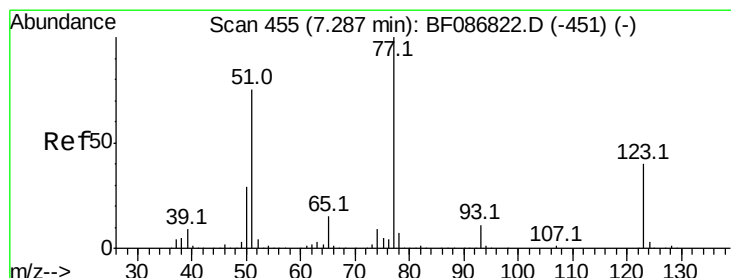
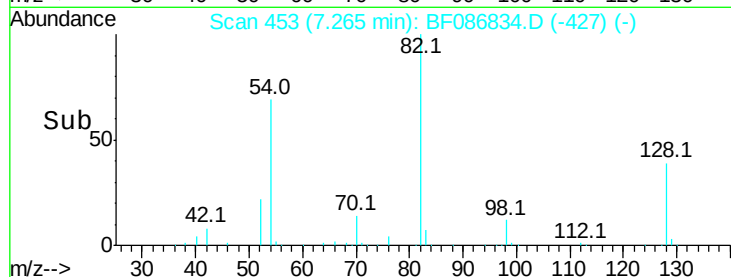
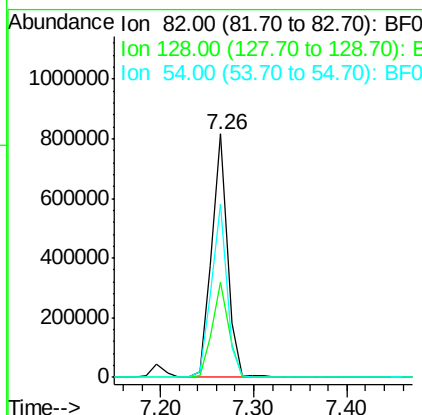
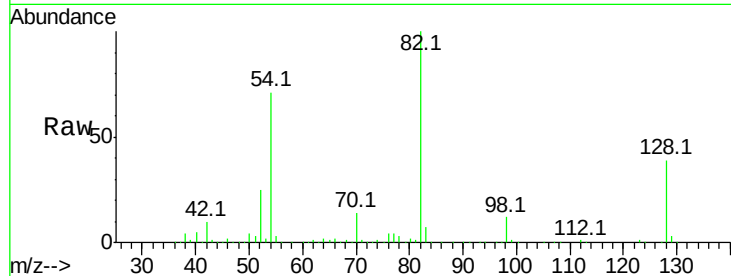
ClientSampleId :

PB90374BS

Tot Ion:	82	Resp:	974754
Ion Ratio	Lower	Upper	
82	100		
128	39.3	40.6	61.0#
54	70.9	38.1	57.1#

Manual Integrations
APPROVED

sohil
5/10/2016 11:06:00 AM



#24

Nitrobenzene

Concen: 39.57 ng

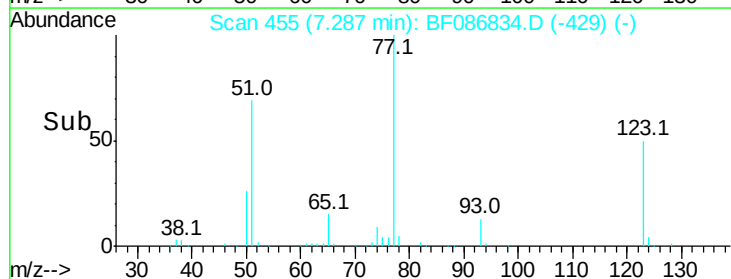
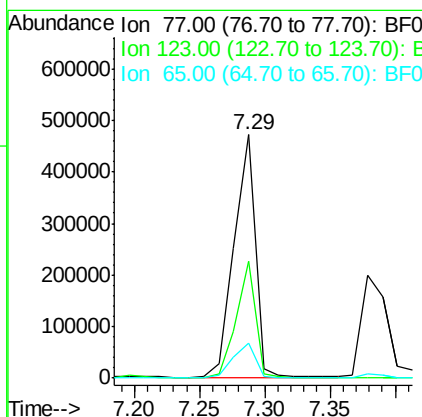
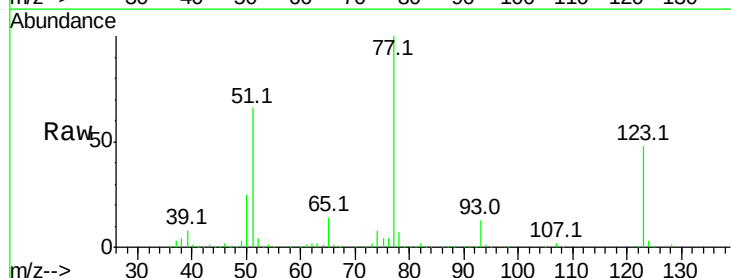
RT: 7.29 min Scan# 455

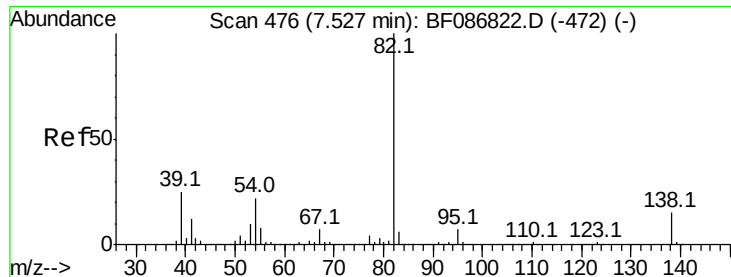
Delta R.T. 0.00 min

Lab File: BF086834.D

Acq: 9 May 2016 21:36

Tgt Ion:	77	Resp:	529678
Ion Ratio	Lower	Upper	
77	100		
123	48.0	33.0	49.4
65	14.2	10.8	16.2





#25

Isophorone

Concen: 39.38 ng

RT: 7.53 min Scan# 476

Delta R.T. 0.00 min

Lab File: BF086834.D

Acq: 9 May 2016 21:36

Instrument :

BNA_F

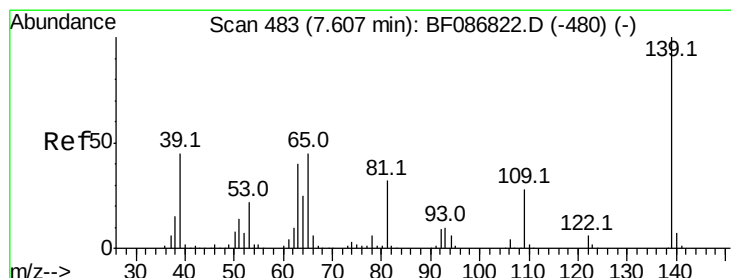
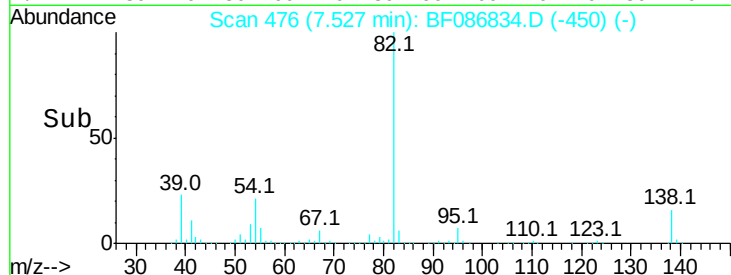
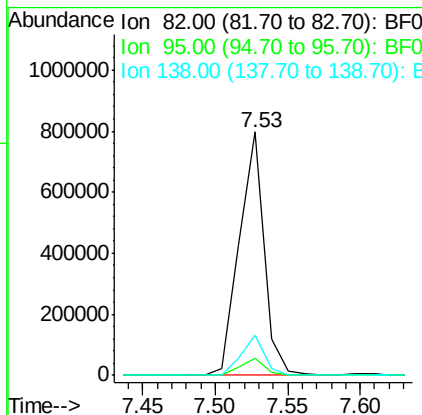
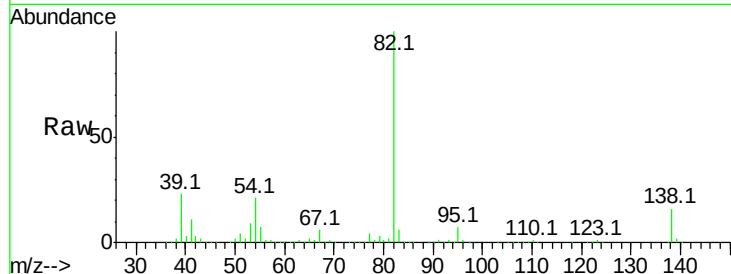
ClientSampled :

PB90374BS

Tot Ion:	82	Resp:	950760
Ion Ratio	Lower	Upper	
82	100		
95	7.1	5.1	7.7
138	16.2	12.4	18.6

Manual Integrations
APPROVED

sohil
5/10/2016 11:06:00 AM



#26

2-Nitrophenol

Concen: 38.66 ng

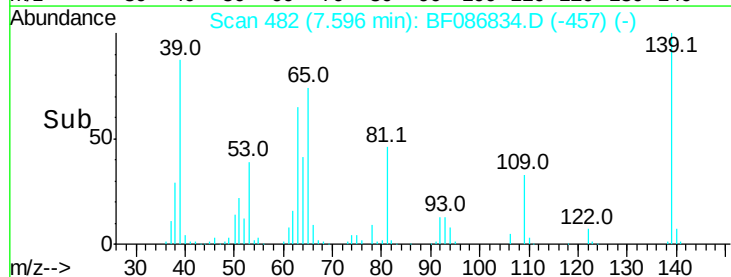
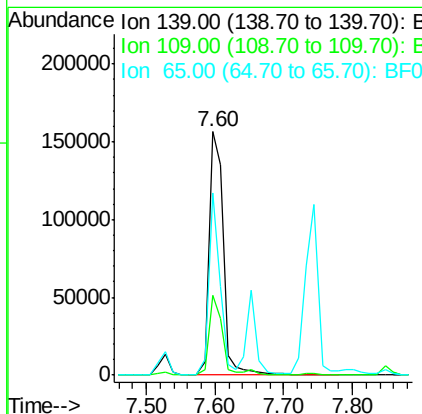
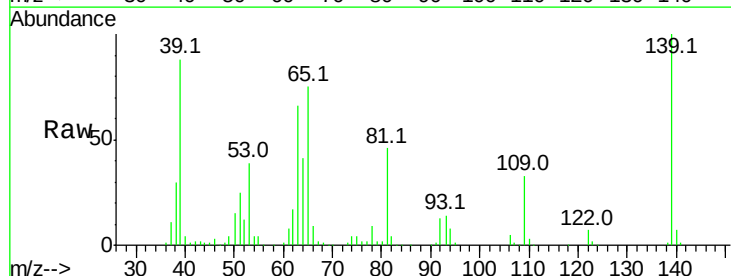
RT: 7.60 min Scan# 482

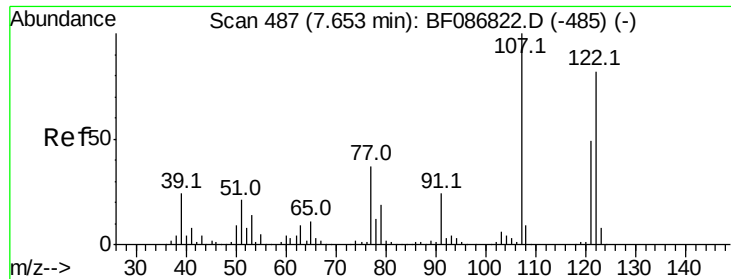
Delta R.T. -0.01 min

Lab File: BF086834.D

Acq: 9 May 2016 21:36

Tgt Ion:	139	Resp:	227450
Ion Ratio	Lower	Upper	
139	100		
109	32.9	19.5	29.3#
65	74.9	37.5	56.3#





#27

2,4-Dimethylphenol

Concen: 38.09 ng

RT: 7.65 min Scan# 487

Delta R.T. 0.00 min

Lab File: BF086834.D

Acq: 9 May 2016 21:36

Instrument :

BNA_F

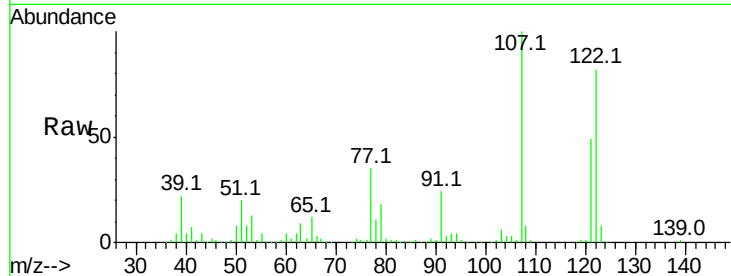
ClientSampleId :

PB90374BS

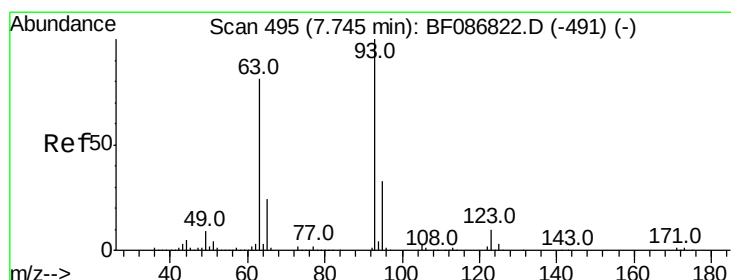
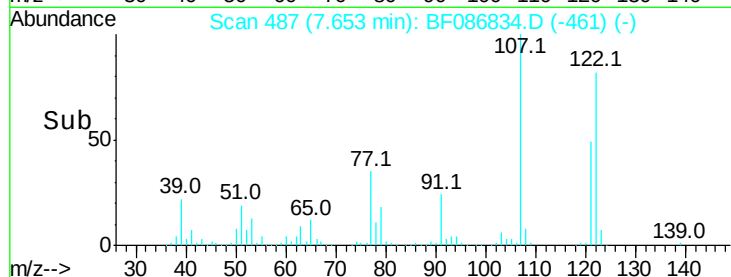
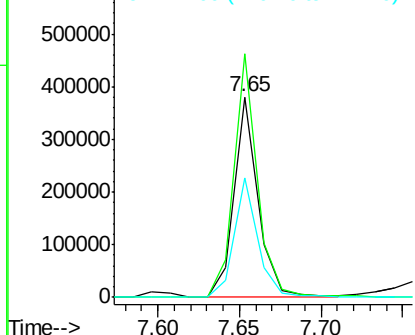
Tot Ion:	122	Resp:	381762
Ion Ratio	Lower	Upper	
122	100		
107	121.7	82.0	123.0
121	59.7	46.1	69.1

Manual Integrations
APPROVED

sohil
5/10/2016 11:06:00 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: 43.92 ng

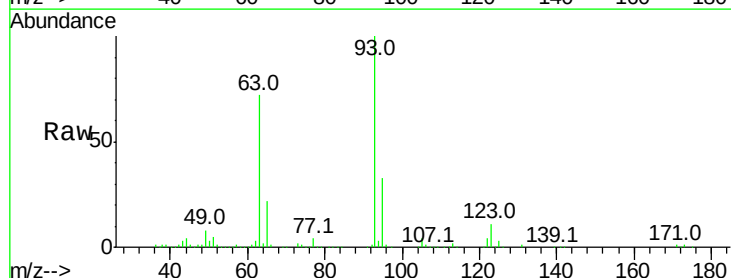
RT: 7.74 min Scan# 495

Delta R.T. 0.00 min

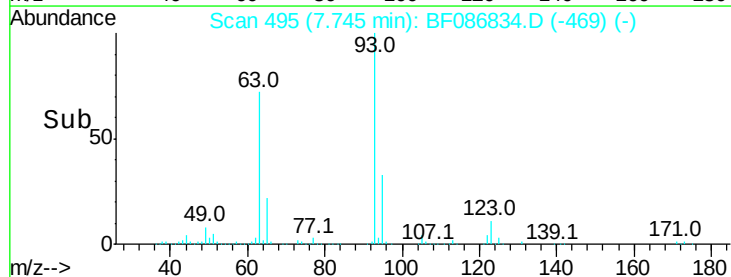
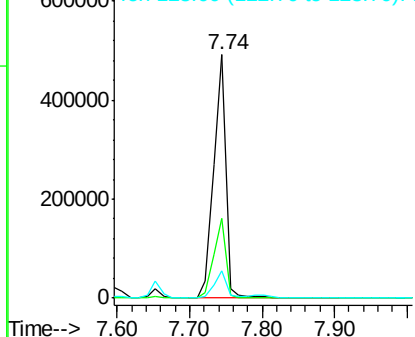
Lab File: BF086834.D

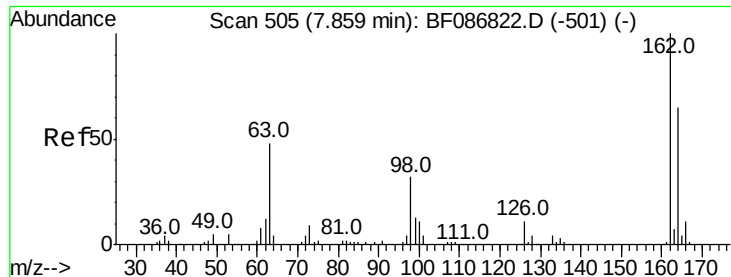
Acq: 9 May 2016 21:36

Tgt Ion:	93	Resp:	571911
Ion Ratio	Lower	Upper	
93	100		
95	32.6	26.0	39.0
123	11.2	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





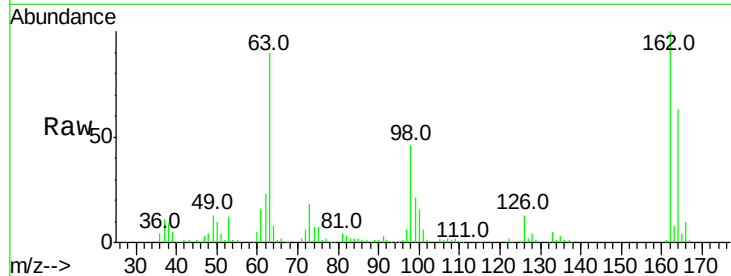
#29
 2,4-Dichlorophenol
 Concen: 41.68 ng
 RT: 7.85 min Scan# 504
 Delta R.T. -0.01 min
 Lab File: BF086834.D
 Acq: 9 May 2016 21:36

Instrument :
 BNA_F
 ClientSampleId :
 PB90374BS

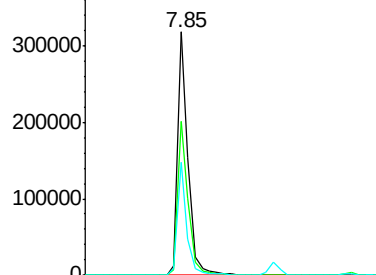
Tot Ion	Ratio	Resp	Lower	Upper
162	100	367642		
164	63.2	42.2	82.2	
98	46.4	19.0	59.0	

Manual Integrations
 APPROVED

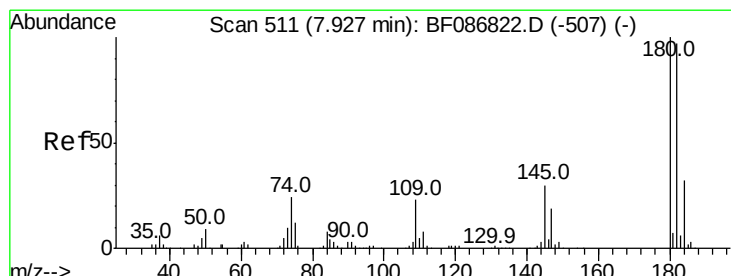
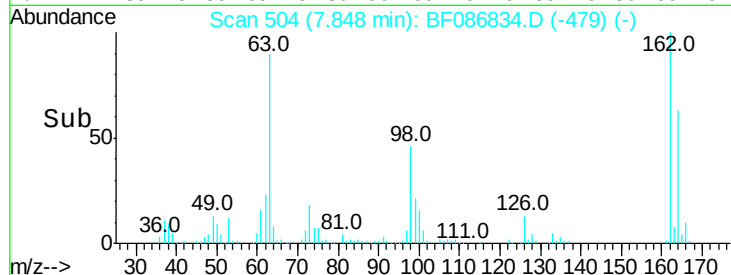
sohil
 5/10/2016 11:06:00 AM



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

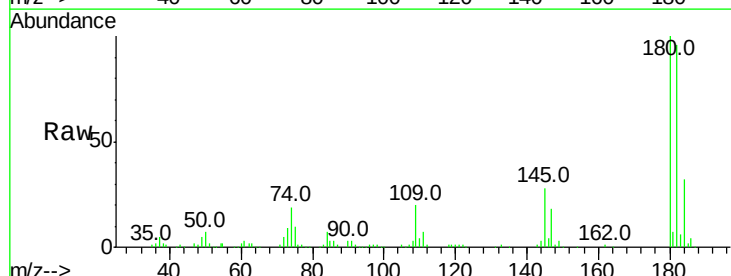


Time-->

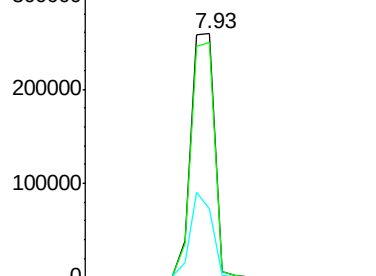


#30
 1,2,4-Trichlorobenzene
 Concen: 39.27 ng
 RT: 7.93 min Scan# 511
 Delta R.T. 0.00 min
 Lab File: BF086834.D
 Acq: 9 May 2016 21:36

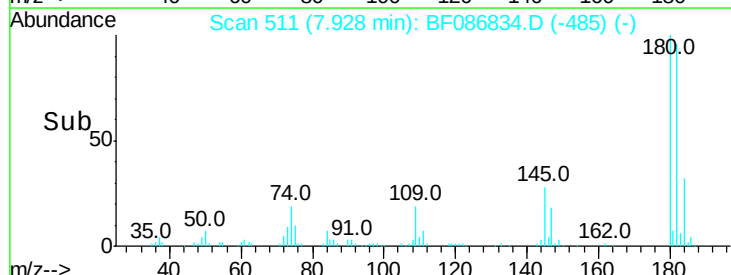
Tgt Ion	Ratio	Resp	Lower	Upper
180	100	387303		
182	96.5	78.0	117.0	
145	27.9	24.2	36.2	

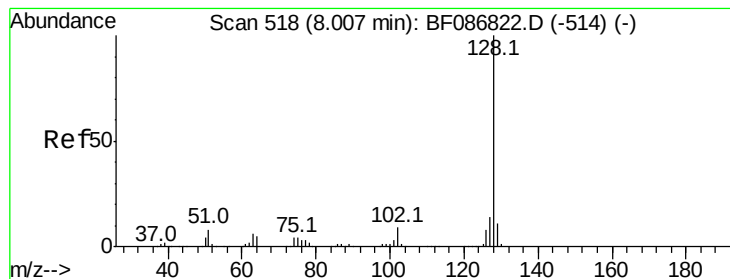


Abundance Ion 180.00 (179.70 to 180.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 145.00 (144.70 to 145.70): E



Time-->





#31

Naphthalene

Concen: 37.48 ng

RT: 8.00 min Scan# 517

Delta R.T. -0.01 min

Lab File: BF086834.D

Acq: 9 May 2016 21:36

Instrument :

BNA_F

ClientSampled :

PB90374BS

Tot Ion:128 Resp: 1226438

Ion Ratio Lower Upper

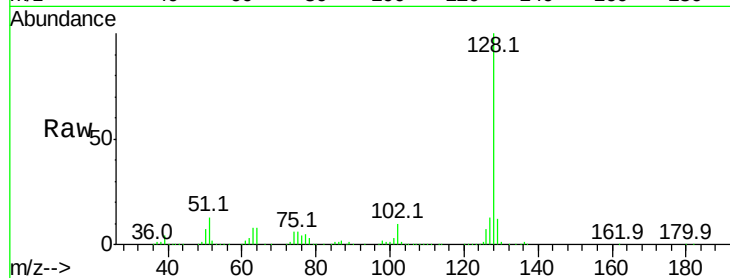
128 100

129 11.5 8.6 13.0

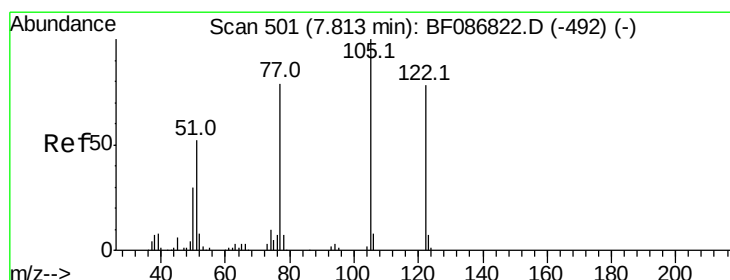
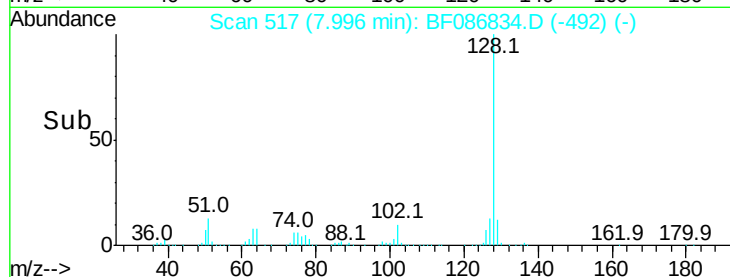
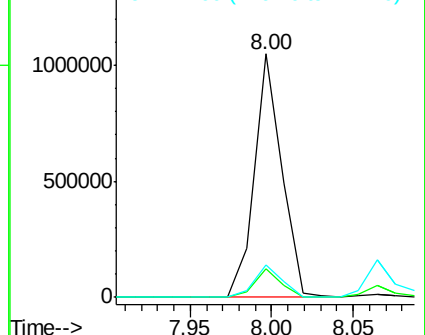
127 13.3 10.8 16.2

Manual Integrations
APPROVED

sohil
5/10/2016 11:06:00 AM



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 40.45 ng

RT: 7.80 min Scan# 500

Delta R.T. -0.01 min

Lab File: BF086834.D

Acq: 9 May 2016 21:36

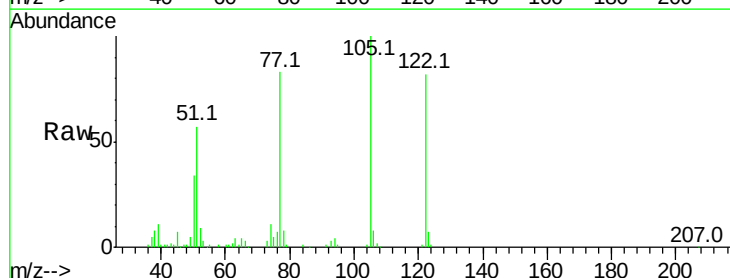
Tgt Ion:122 Resp: 238094

Ion Ratio Lower Upper

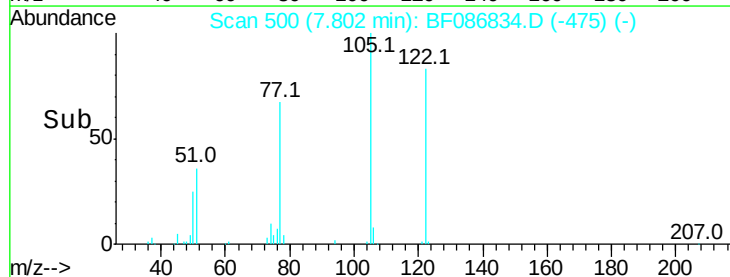
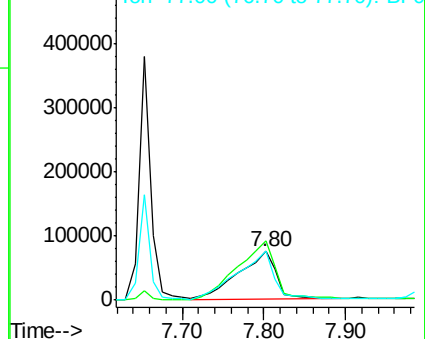
122 100

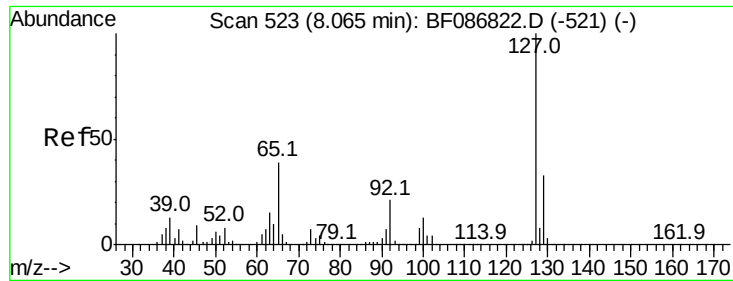
105 122.6 92.6 132.6

77 102.3 60.0 100.0#



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF0





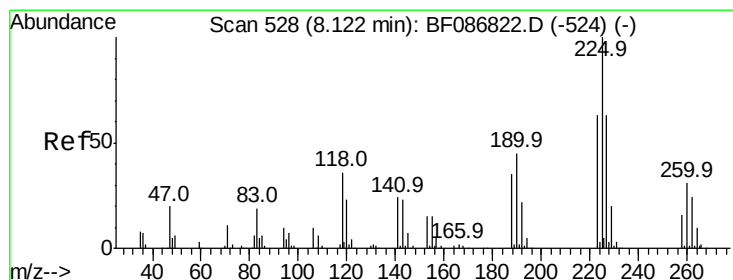
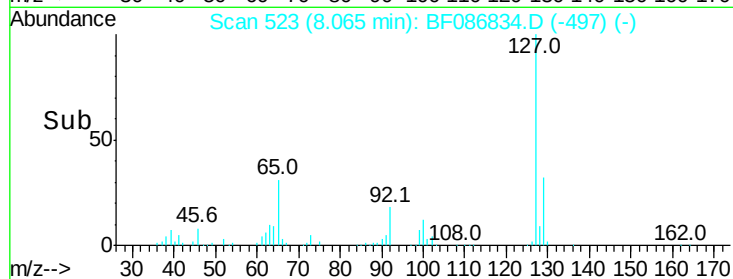
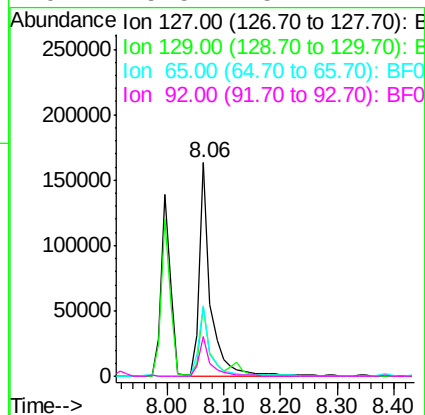
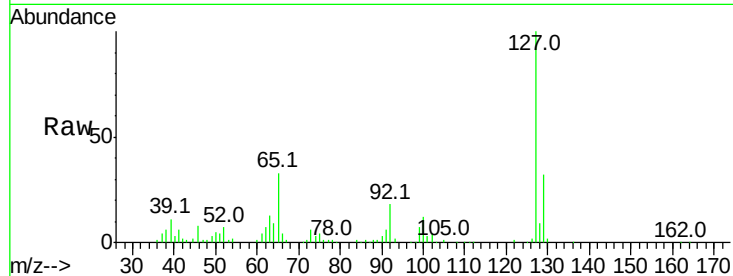
#33
4-Chloroaniline
Concen: 17.20 ng
RT: 8.06 min Scan# 523
Delta R.T. 0.00 min
Lab File: BF086834.D
Acq: 9 May 2016 21:36

Instrument :
BNA_F
ClientSampled :
PB90374BS

Tot Ion	Ratio	Resp	Lower	Upper
127	100			
129	32.5	26.2	39.4	
65	32.7	23.0	34.4	
92	18.5	15.1	22.7	

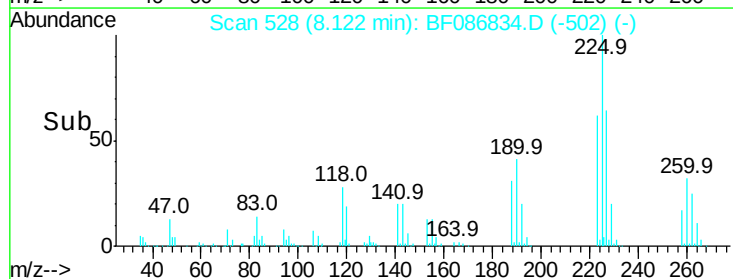
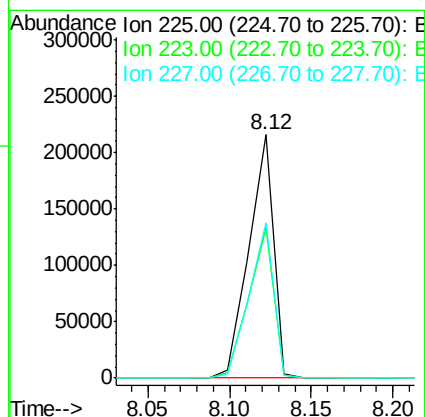
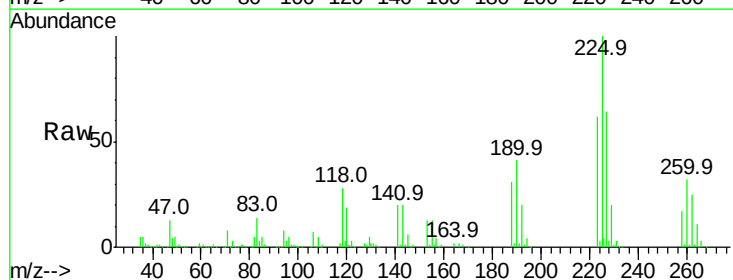
Manual Integrations
APPROVED

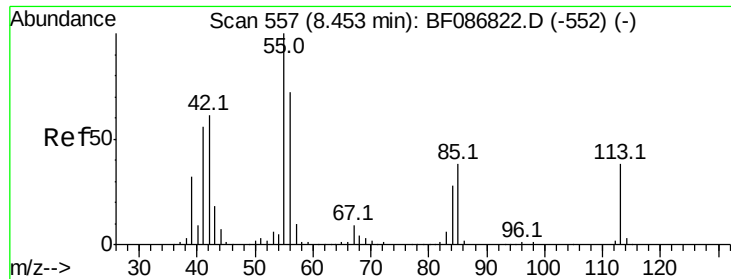
sohil
5/10/2016 11:06:00 AM



#34
Hexachlorobutadiene
Concen: 39.50 ng
RT: 8.12 min Scan# 528
Delta R.T. 0.00 min
Lab File: BF086834.D
Acq: 9 May 2016 21:36

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	61.8	51.5	77.3	
227	63.7	52.2	78.2	





#35

Caprolactam

Concen: 42.03 ng/ml

RT: 8.44 min Scan# 556

Delta R.T. -0.01 min

Lab File: BF086834.D

Acq: 9 May 2016 21:36

Instrument :

BNA_F

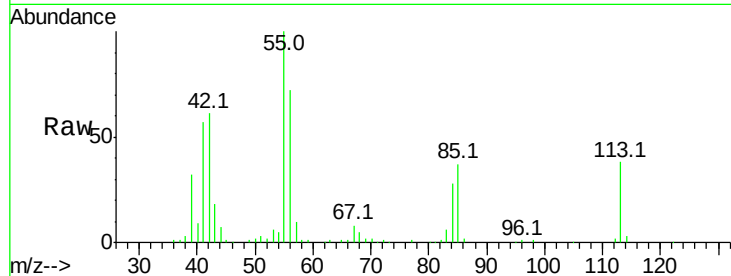
ClientSampleID :

PB90374BS

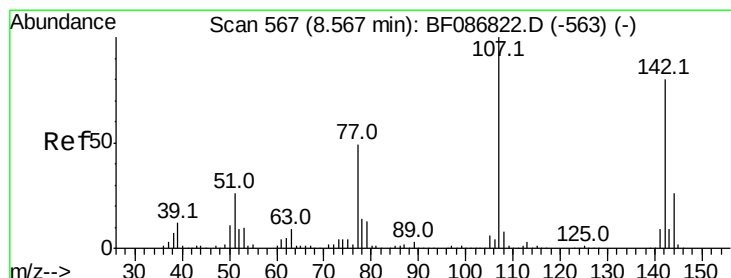
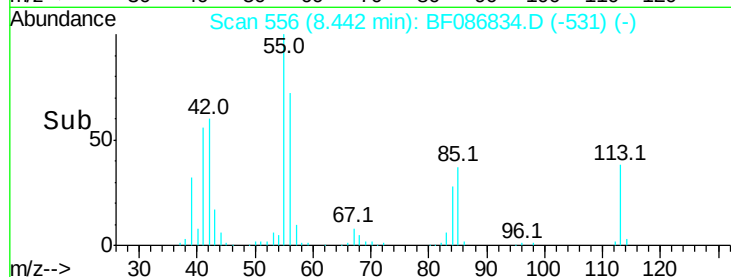
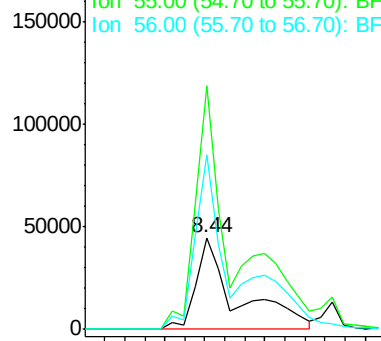
Tot Ion:	113	Resp:	126151
Ion Ratio	Lower	Upper	
113	100		
55	265.5	162.0	202.0#
56	190.0	115.3	155.3#

Manual Integrations
APPROVED

sohil
5/10/2016 11:06:00 AM



Abundance Ion 113.00 (112.70 to 113.70): E



#36

4-Chloro-3-methylphenol

Concen: 42.72 ng/ml

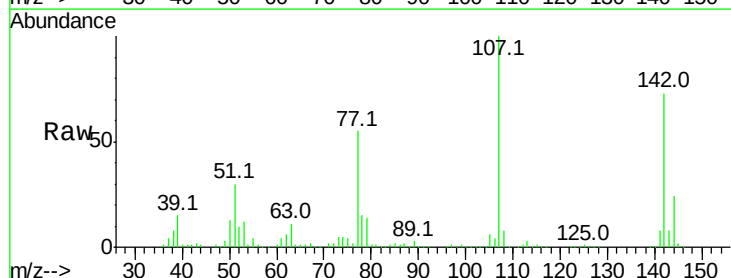
RT: 8.57 min Scan# 567

Delta R.T. 0.00 min

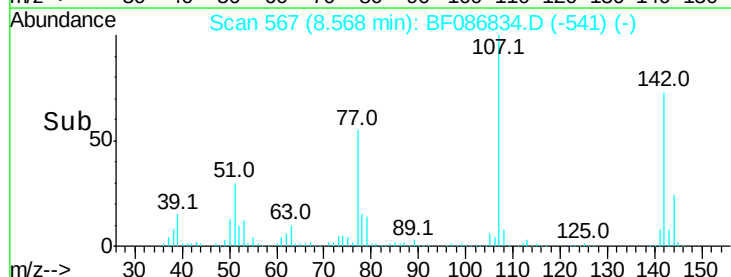
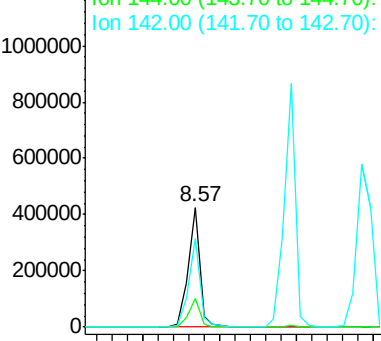
Lab File: BF086834.D

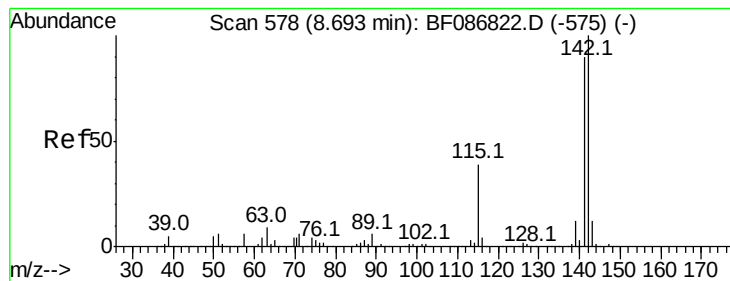
Acq: 9 May 2016 21:36

Tgt Ion:	107	Resp:	457022
Ion Ratio	Lower	Upper	
107	100		
144	23.7	20.7	31.1
142	73.5	63.2	94.8



Abundance Ion 107.00 (106.70 to 107.70): E





#37

2-Methylnaphthalene

Concen: 45.17 ng

RT: 8.69 min Scan# 578

Delta R.T. 0.00 min

Lab File: BF086834.D

Acq: 9 May 2016 21:36

Instrument :

BNA_F

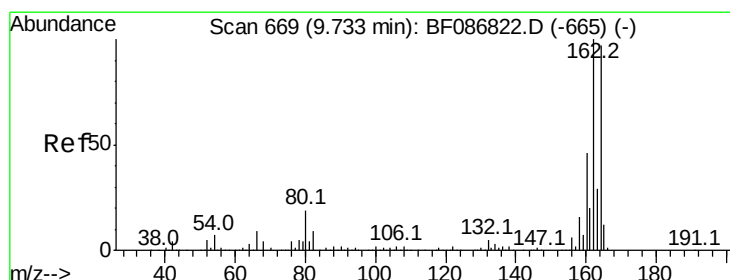
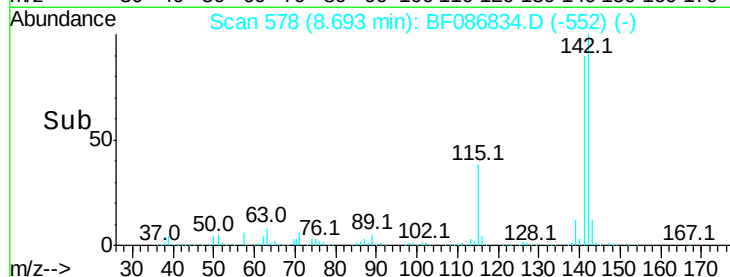
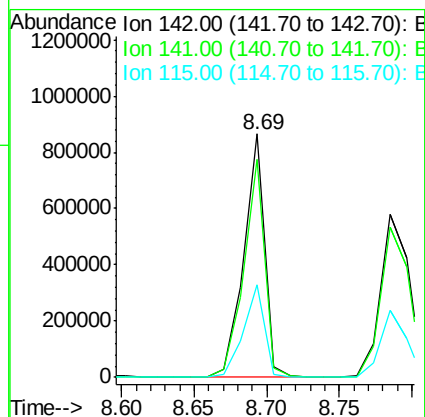
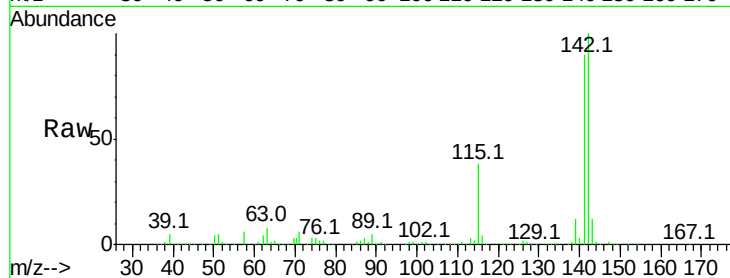
ClientSampleId :

PB90374BS

Tot Ion:	142	Resp:	864102
Ion Ratio	Lower	Upper	
142	100		
141	89.6	71.0	106.6
115	37.8	26.6	39.8

Manual Integrations
APPROVED

sohil
5/10/2016 11:06:00 AM



#38

Acenaphthene-d10

Concen: 20.00 ng

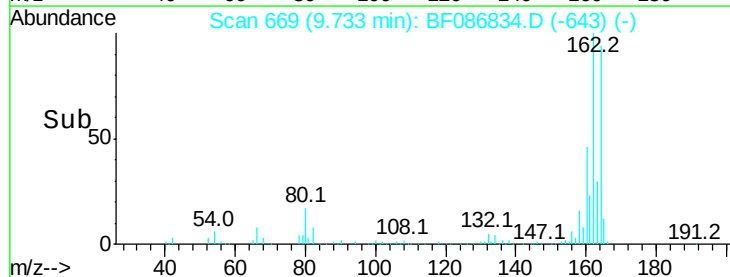
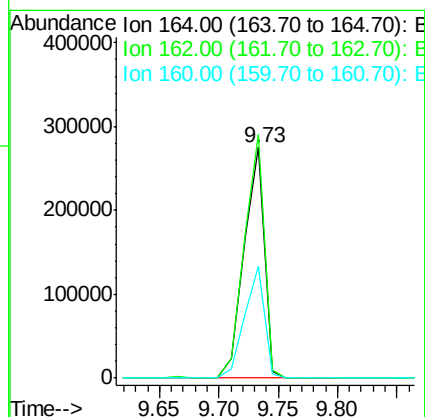
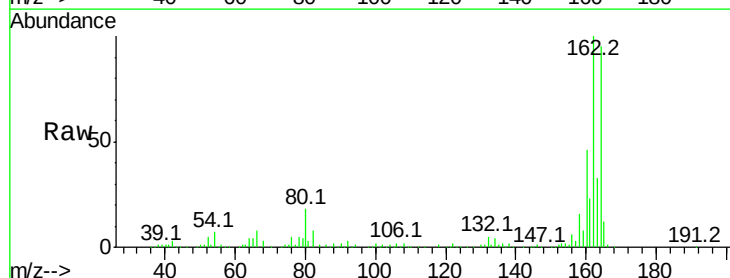
RT: 9.73 min Scan# 669

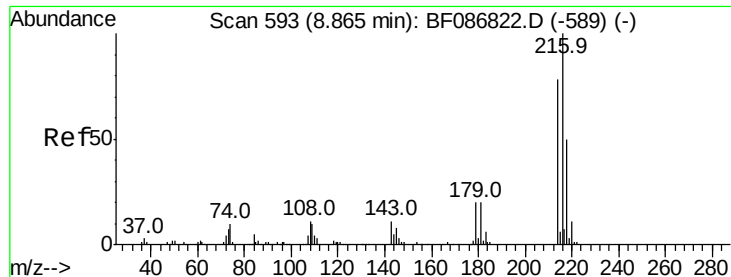
Delta R.T. 0.00 min

Lab File: BF086834.D

Acq: 9 May 2016 21:36

Tgt Ion:	164	Resp:	327323
Ion Ratio	Lower	Upper	
164	100		
162	105.7	82.8	124.2
160	48.7	36.9	55.3





#39

1,2,4,5-Tetrachlorobenzene

Concen: 35.68 ng

RT: 8.85 min Scan# 592

Delta R.T. -0.01 min

Lab File: BF086834.D

Acq: 9 May 2016 21:36

Instrument :

BNA_F

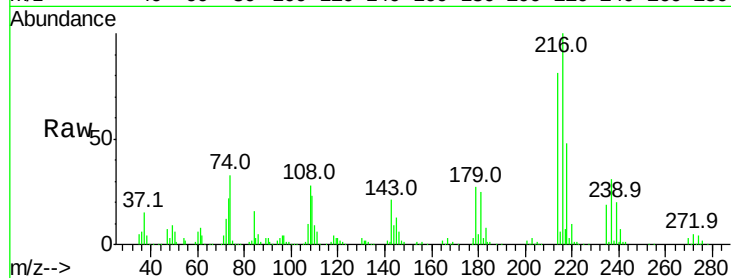
ClientSampleId :

PB90374BS

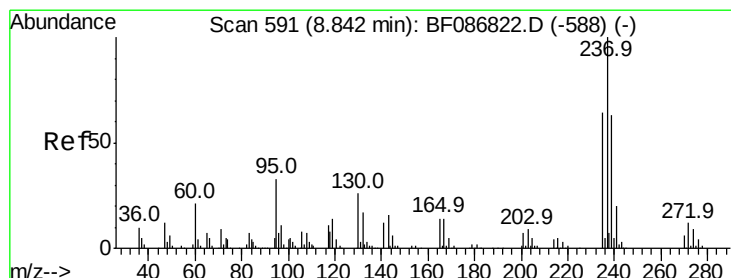
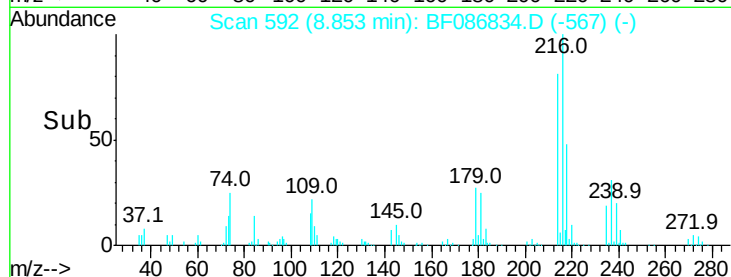
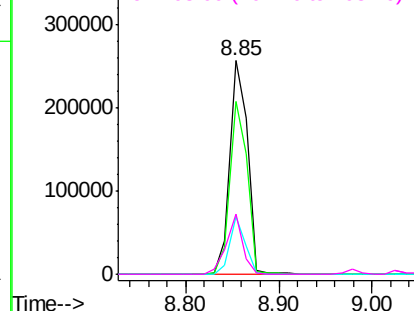
Tot Ion	Ratio	Resp Lower	Upper
216	100		
214	79.3	62.6	93.8
179	23.2	18.2	27.4
108	25.9	17.5	26.3

Manual Integrations
APPROVED

sohil
5/10/2016 11:06:00 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: 83.31 ng

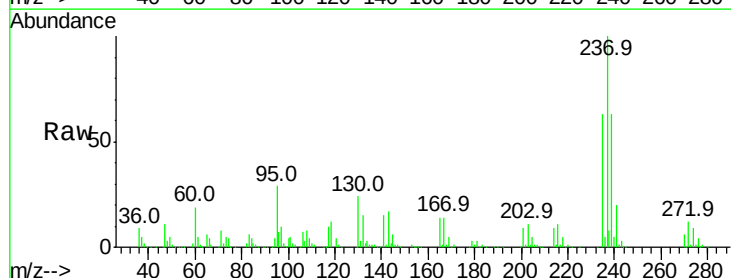
RT: 8.84 min Scan# 591

Delta R.T. 0.00 min

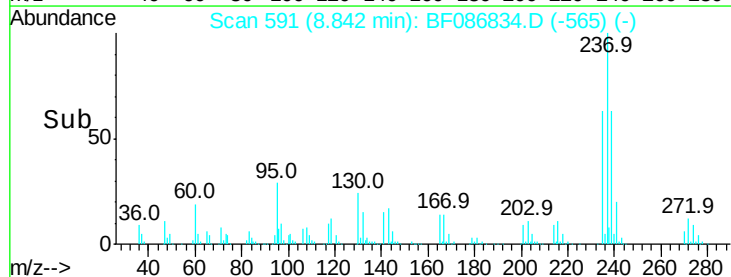
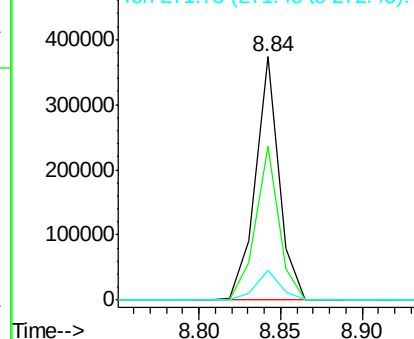
Lab File: BF086834.D

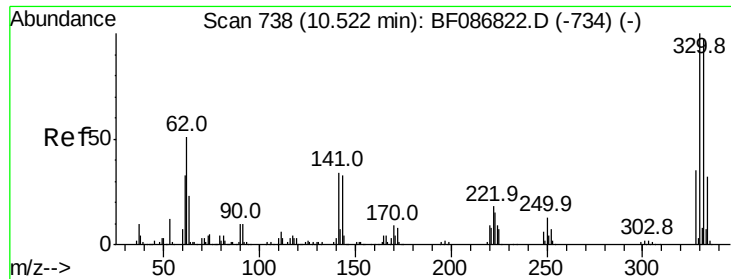
Acq: 9 May 2016 21:36

Tgt Ion	Ratio	Resp Lower	Upper
237	100		
235	63.4	47.2	87.2
272	12.2	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





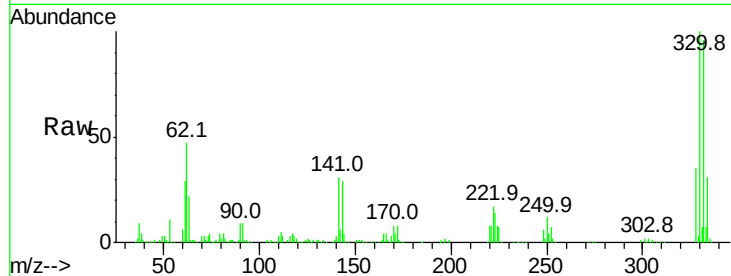
#41
 2,4,6-Tribromophenol
 Concen: 122.71 ng
 RT: 10.52 min Scan# 738
 Delta R.T. 0.00 min
 Lab File: BF086834.D
 Acq: 9 May 2016 21:36

Instrument :
 BNA_F
 ClientSampleId :
 PB90374BS

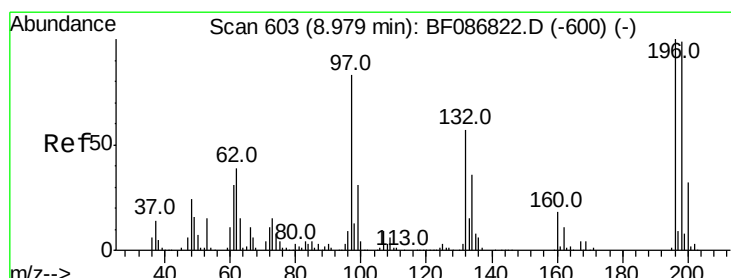
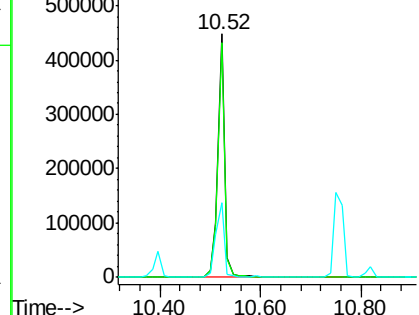
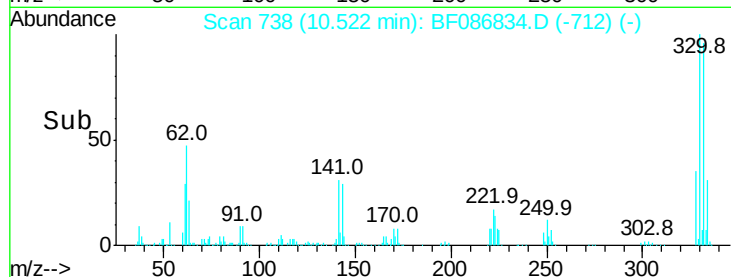
Tot Ion	Ratio	Resp	Lower	Upper
330	100			
332	96.2	79.0	118.4	
141	37.8	31.2	46.8	

Manual Integrations
 APPROVED

sohil
 5/10/2016 11:06:00 AM

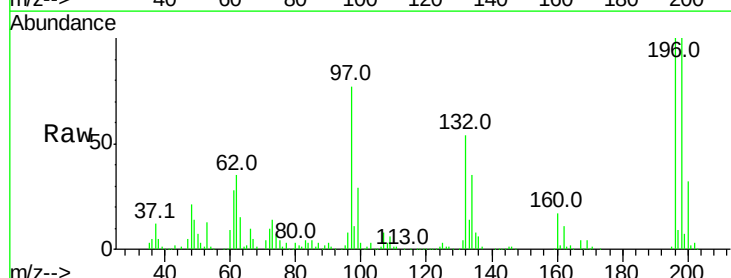


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

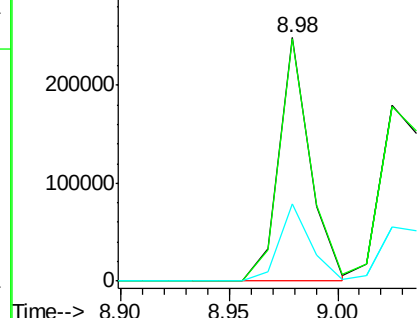
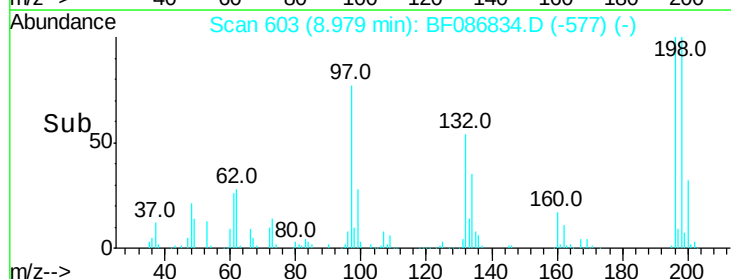


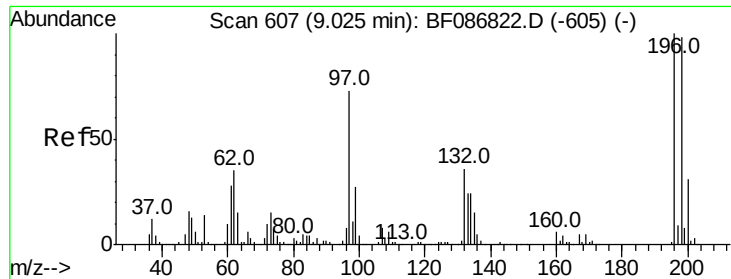
#42
 2,4,6-Trichlorophenol
 Concen: 39.35 ng
 RT: 8.98 min Scan# 603
 Delta R.T. 0.00 min
 Lab File: BF086834.D
 Acq: 9 May 2016 21:36

Tgt Ion	Ratio	Resp	Lower	Upper
196	100			
198	99.6	74.7	112.1	
200	31.5	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





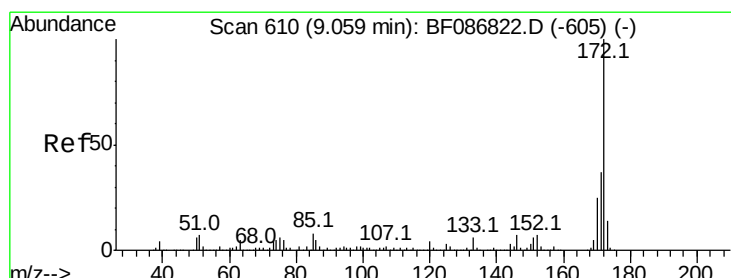
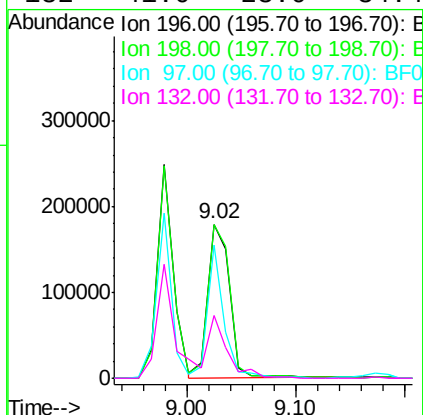
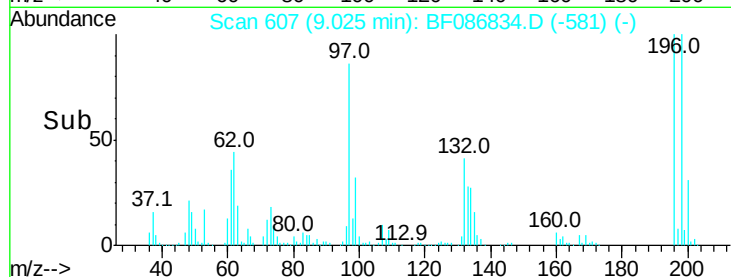
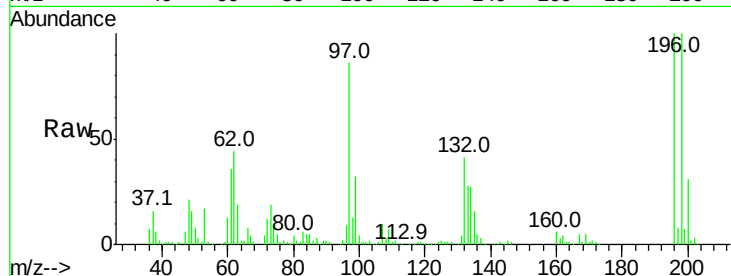
#43
 2,4,5-Trichlorophenol
 Concen: 38.45 ng
 RT: 9.02 min Scan# 607
 Delta R.T. 0.00 min
 Lab File: BF086834.D
 Acq: 9 May 2016 21:36

Instrument :
 BNA_F
 ClientSampleId :
 PB90374BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	253069		
198	99.8	77.5	116.3	
97	86.3	34.8	52.2#	
132	41.0	23.0	34.4#	

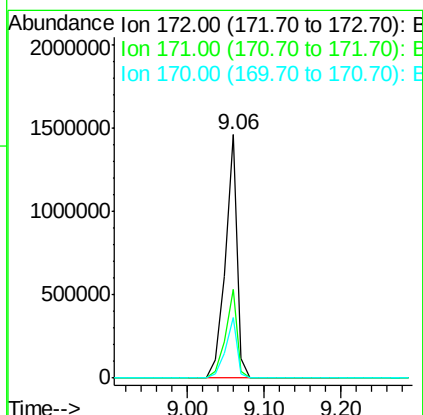
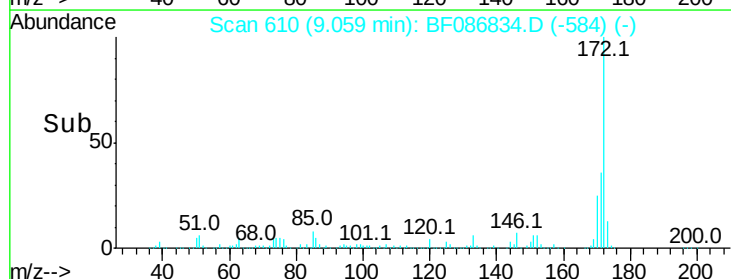
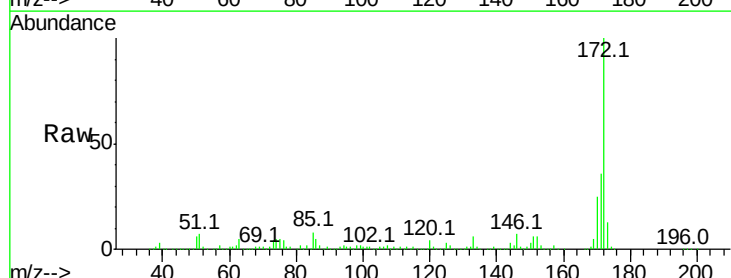
Manual Integrations
 APPROVED

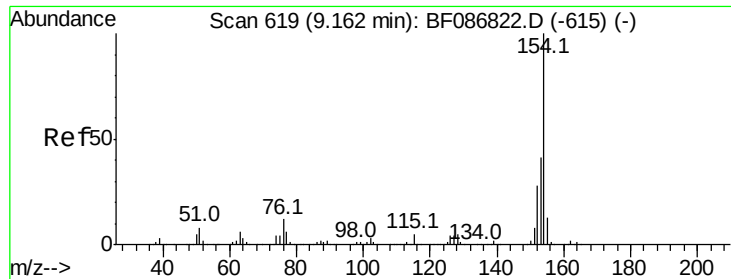
sohil
 5/10/2016 11:06:00 AM



#44
 2-Fluorobiphenyl
 Concen: 81.14 ng
 RT: 9.06 min Scan# 610
 Delta R.T. 0.00 min
 Lab File: BF086834.D
 Acq: 9 May 2016 21:36

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1580265		
171	36.5	29.0	43.6	
170	24.8	19.8	29.8	





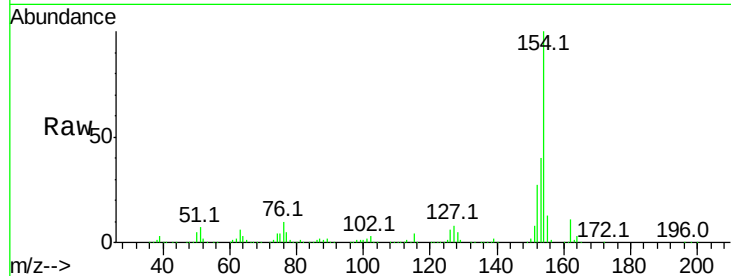
#45
 1,1'-Biphenyl
 Concen: 41.03 ng
 RT: 9.16 min Scan# 619
 Delta R.T. 0.00 min
 Lab File: BF086834.D
 Acq: 9 May 2016 21:36

Instrument :
 BNA_F
 ClientSampled :
 PB90374BS

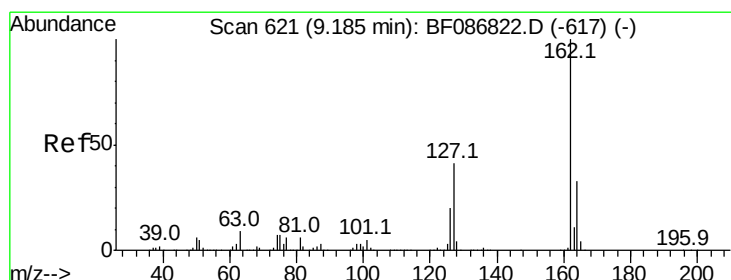
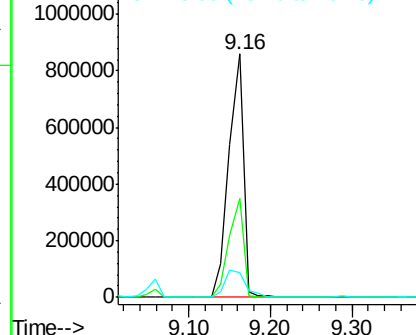
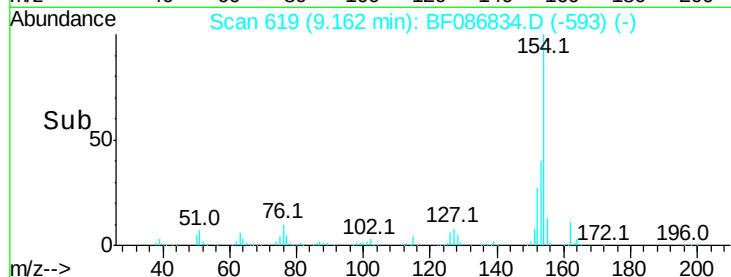
Tot Ion	Ratio	Lower	Upper
154	100		
153	40.4	20.3	60.3
76	9.9	0.0	30.2

Manual Integrations
 APPROVED

sohil
 5/10/2016 11:06:00 AM

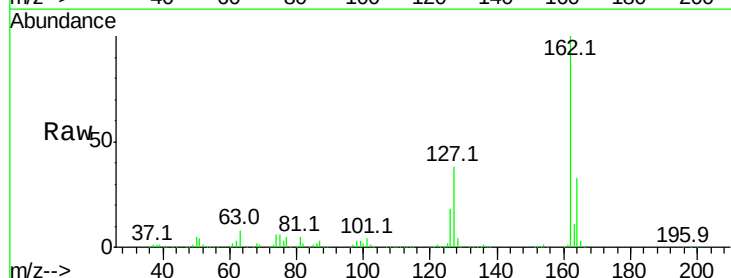


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

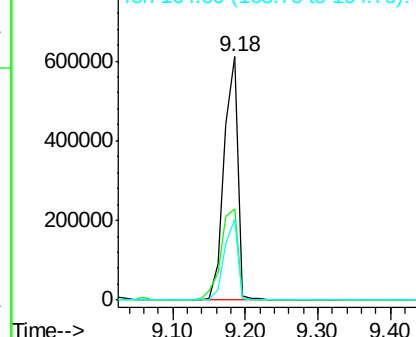
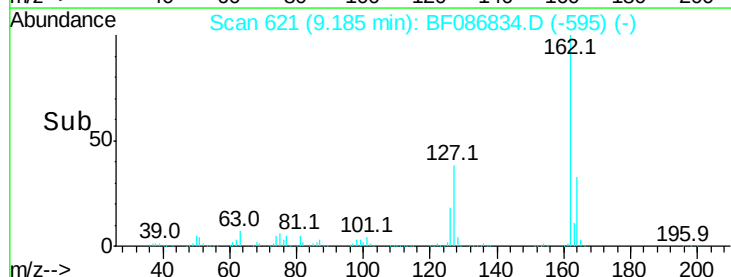


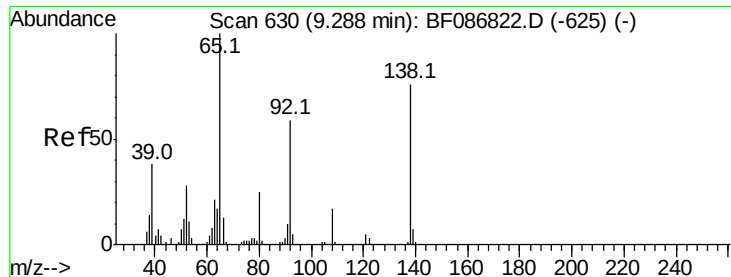
#46
 2-Chloronaphthalene
 Concen: 39.33 ng
 RT: 9.18 min Scan# 621
 Delta R.T. 0.00 min
 Lab File: BF086834.D
 Acq: 9 May 2016 21:36

Tgt Ion	Ratio	Lower	Upper
162	100		
127	37.7	31.8	47.6
164	33.3	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





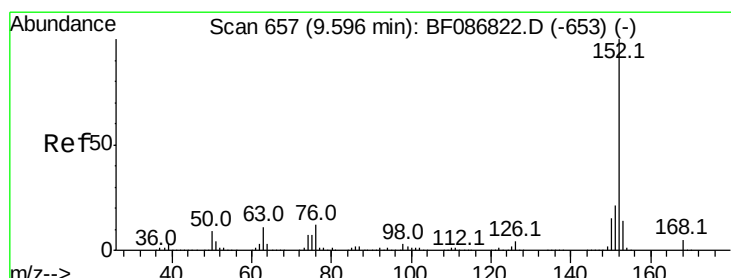
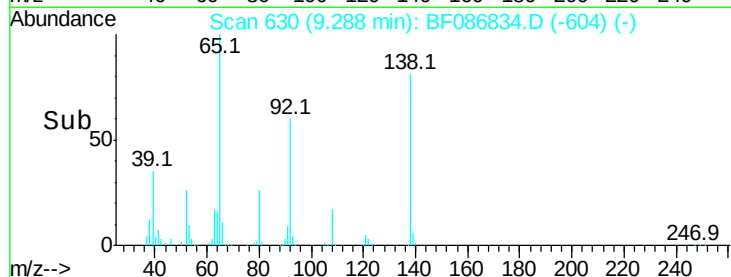
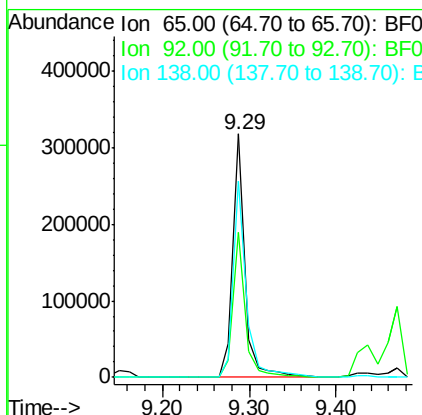
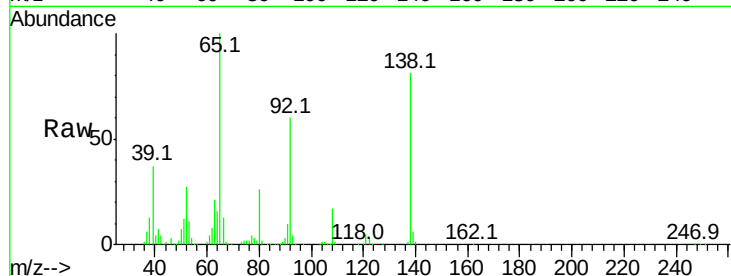
#47
2-Nitroaniline
Concen: 41.54 ng
RT: 9.29 min Scan# 630
Delta R.T. 0.00 min
Lab File: BF086834.D
Acq: 9 May 2016 21:36

Instrument :
BNA_F
ClientSampleId :
PB90374BS

Tot Ion	Ratio	Lower	Upper
65	100		
92	59.8	57.4	86.2
138	80.6	90.1	135.1#

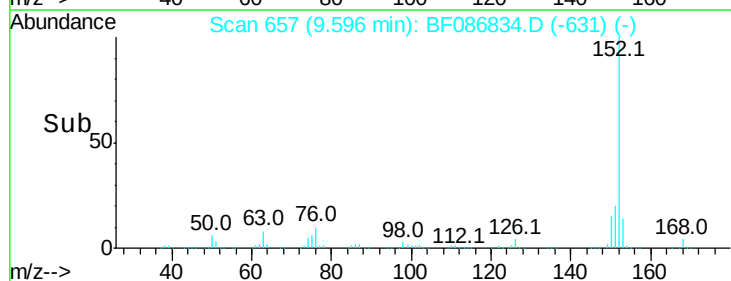
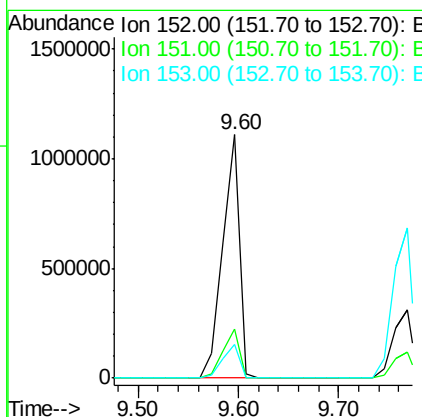
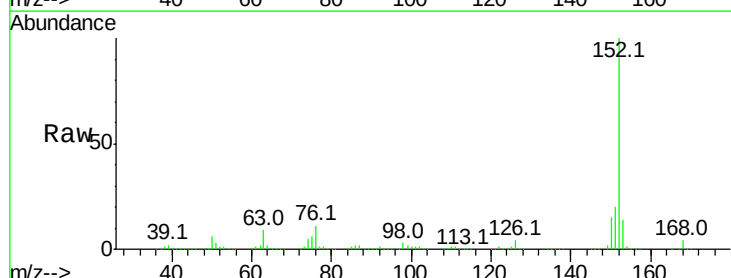
Manual Integrations
APPROVED

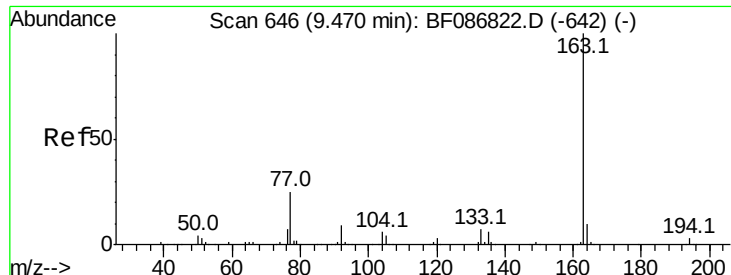
sohil
5/10/2016 11:06:00 AM



#48
Acenaphthylene
Concen: 42.98 ng
RT: 9.60 min Scan# 657
Delta R.T. 0.00 min
Lab File: BF086834.D
Acq: 9 May 2016 21:36

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.3	16.8	25.2
153	13.7	10.9	16.3





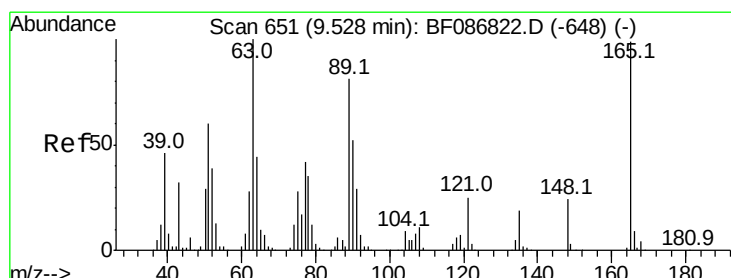
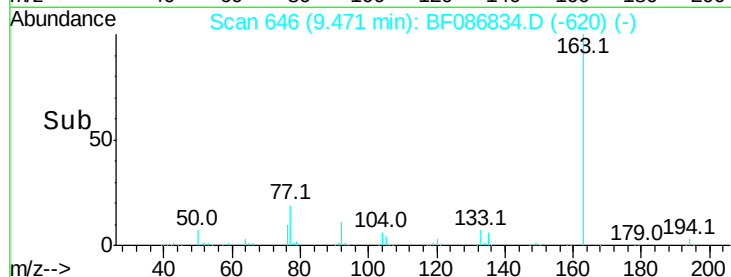
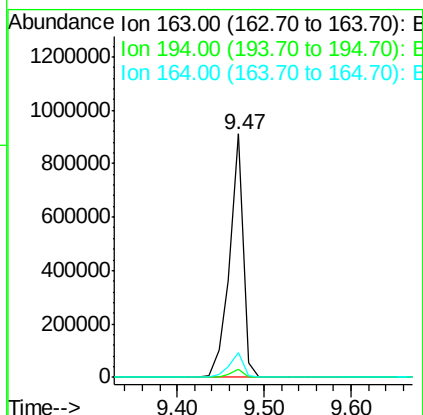
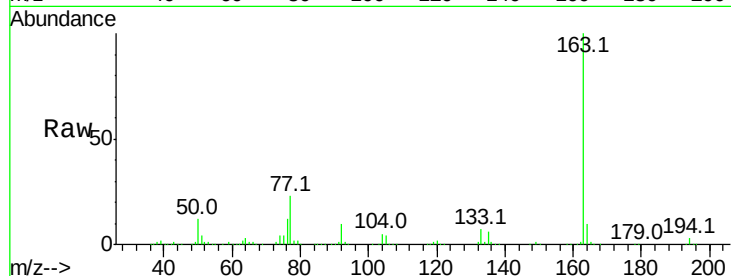
#49
Dimethylphthalate
Concen: 39.80 ng
RT: 9.47 min Scan# 646
Delta R.T. 0.00 min
Lab File: BF086834.D
Acq: 9 May 2016 21:36

Instrument :
BNA_F
ClientSampleId :
PB90374BS

Tot Ion	Ratio	Resp	Lower	Upper
163	100			
194	3.3	2.6	4.0	
164	10.4	8.2	12.4	

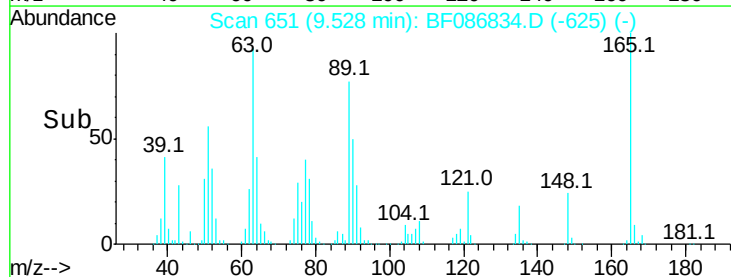
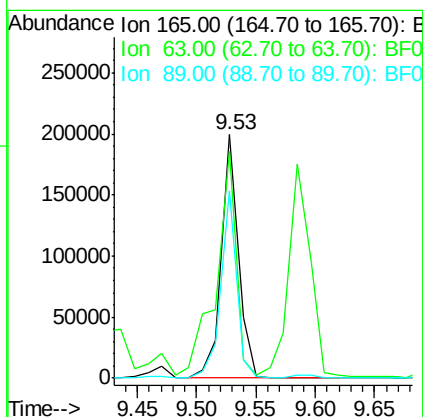
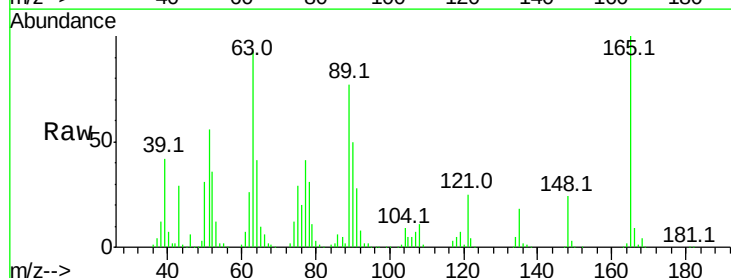
Manual Integrations
APPROVED

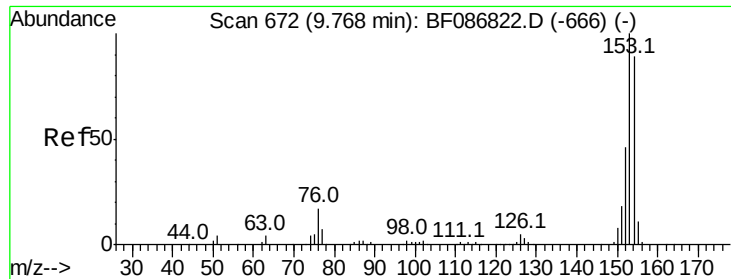
sohil
5/10/2016 11:06:00 AM



#50
2,6-Dinitrotoluene
Concen: 37.74 ng
RT: 9.53 min Scan# 651
Delta R.T. 0.00 min
Lab File: BF086834.D
Acq: 9 May 2016 21:36

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	93.2	51.8	77.8#	
89	77.1	50.7	76.1#	





#51

Acenaphthene

Concen: 42.31 ng

RT: 9.77 min Scan# 672

Delta R.T. 0.00 min

Lab File: BF086834.D

Acq: 9 May 2016 21:36

Instrument :

BNA_F

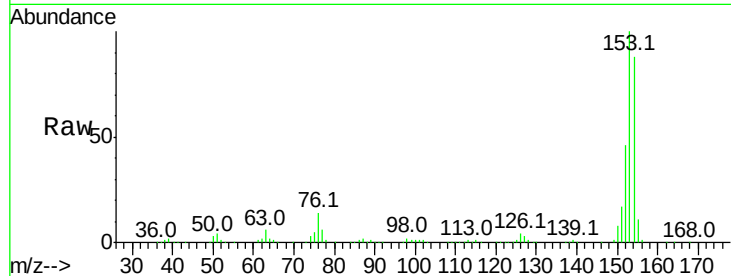
ClientSampleId :

PB90374BS

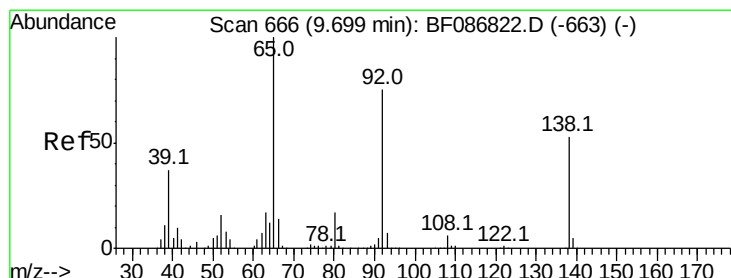
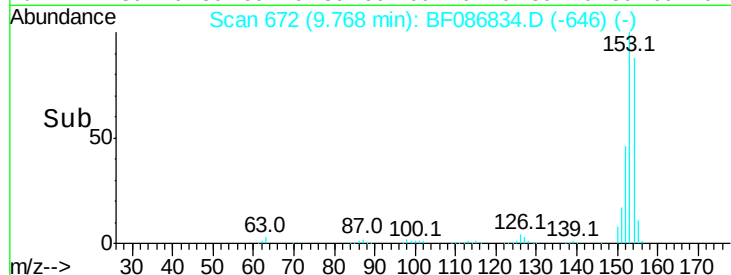
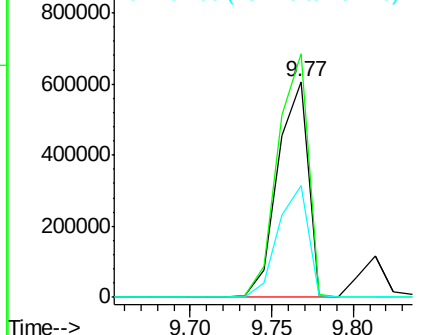
Tot Ion:	154	Resp:	789736
Ion Ratio	Lower	Upper	
154	100		
153	113.0	89.8	134.6
152	51.7	43.4	65.0

Manual Integrations
APPROVED

sohil
5/10/2016 11:06:00 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: 23.24 ng

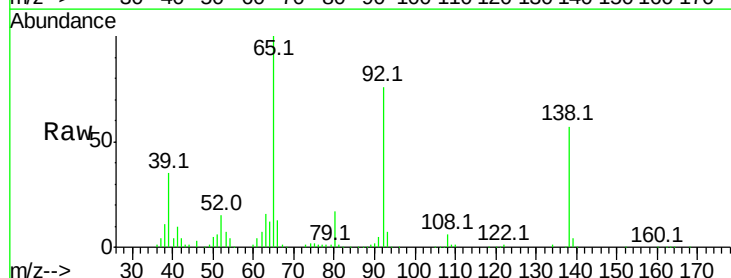
RT: 9.70 min Scan# 666

Delta R.T. 0.00 min

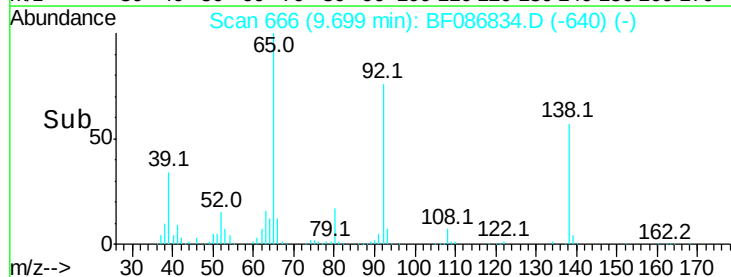
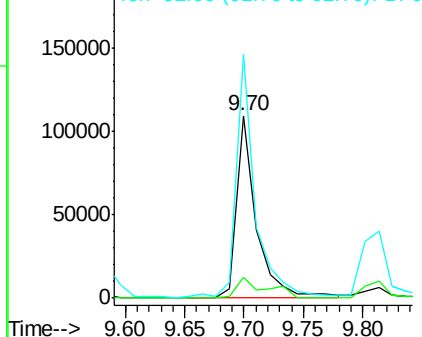
Lab File: BF086834.D

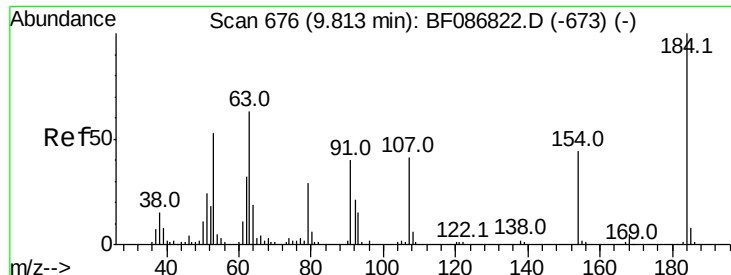
Acq: 9 May 2016 21:36

Tgt Ion:	138	Resp:	128580
Ion Ratio	Lower	Upper	
138	100		
108	11.4	7.8	11.6
92	133.3	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





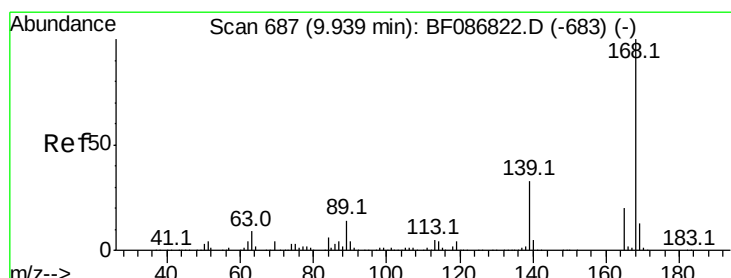
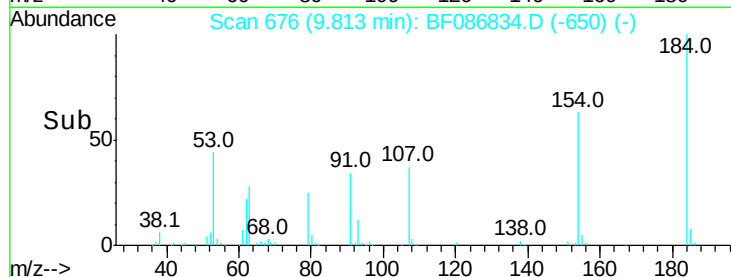
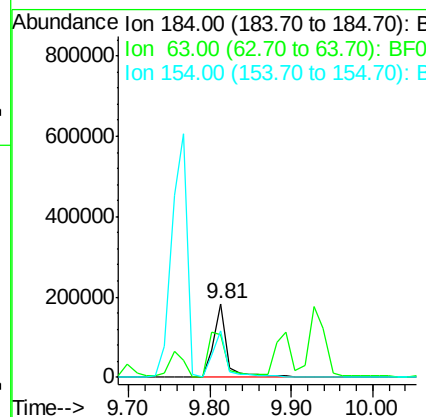
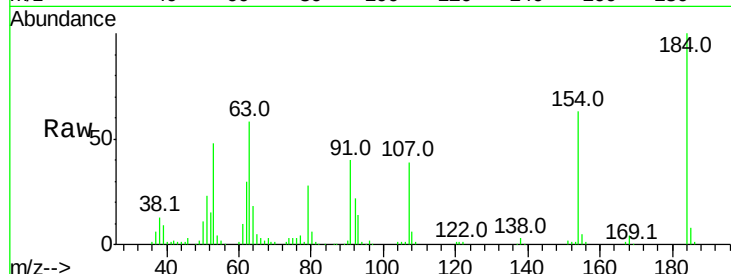
#53
2,4-Dinitrophenol
Concen: 82.51 ng
RT: 9.81 min Scan# 676
Delta R.T. 0.00 min
Lab File: BF086834.D
Acq: 9 May 2016 21:36

Instrument :
BNA_F
ClientSampleId :
PB90374BS

Tot Ion	Ratio	Resp	Lower	Upper
184	100	222303		
63	58.2		55.8	83.8
154	63.4		62.4	93.6

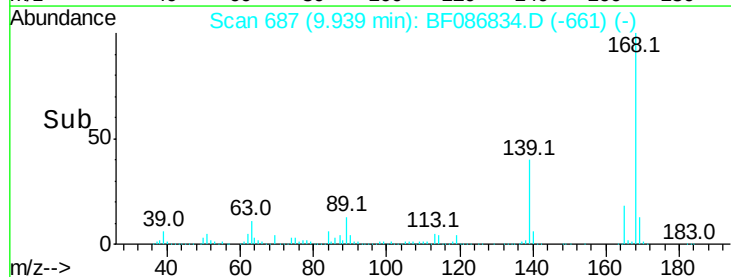
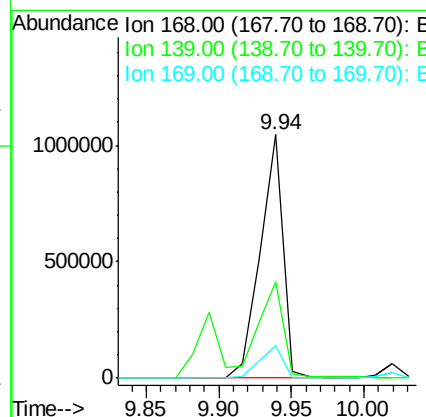
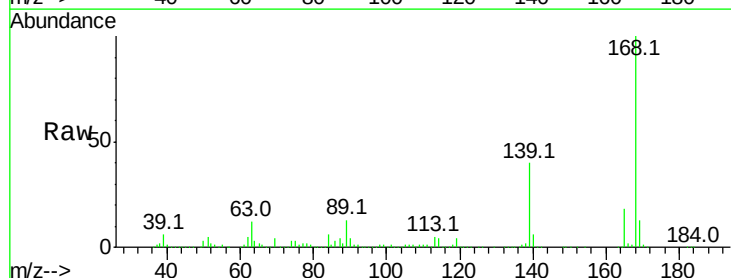
Manual Integrations
APPROVED

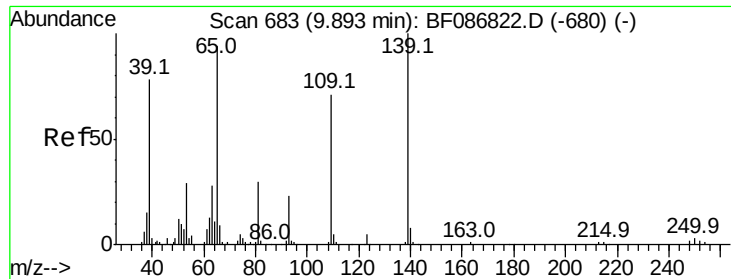
sohil
5/10/2016 11:06:00 AM



#54
Dibenzofuran
Concen: 47.50 ng
RT: 9.94 min Scan# 687
Delta R.T. 0.00 min
Lab File: BF086834.D
Acq: 9 May 2016 21:36

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	1138007		
139	39.8		31.4	47.0
169	13.3		10.7	16.1





#55

4-Nitrophenol

Concen: 78.99 ng

RT: 9.89 min Scan# 683

Delta R.T. 0.00 min

Lab File: BF086834.D

Acq: 9 May 2016 21:36

Instrument :

BNA_F

ClientSampleId :

PB90374BS

Tot Ion:139 Resp: 291177
Ion Ratio Lower Upper

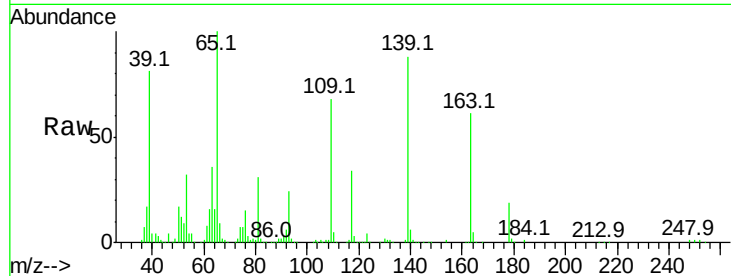
139 100

109 77.0 36.9 76.9#

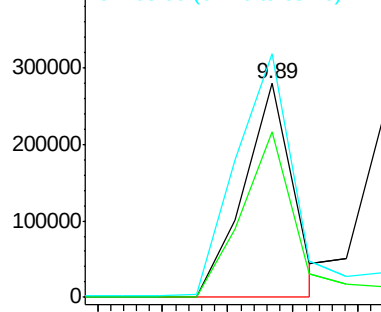
65 113.7 64.0 104.0#

Manual Integrations
APPROVED

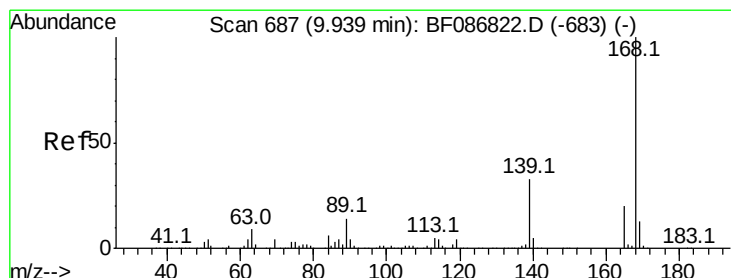
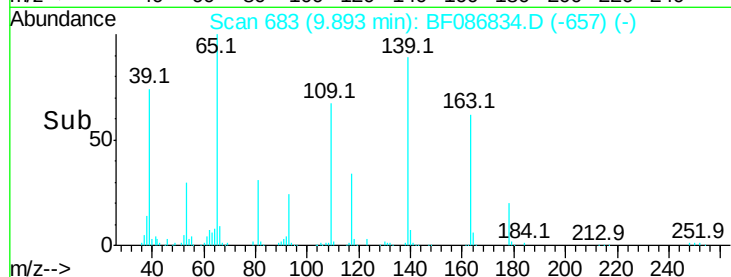
sohil
5/10/2016 11:06:00 AM



Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0



Time--> 9.84 9.86 9.88 9.90 9.92



#56

2,4-Dinitrotoluene

Concen: 41.34 ng

RT: 9.94 min Scan# 687

Delta R.T. 0.00 min

Lab File: BF086834.D

Acq: 9 May 2016 21:36

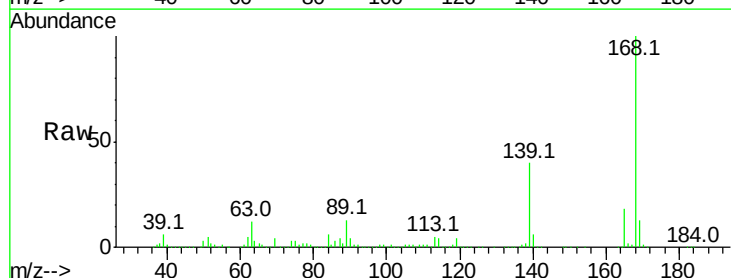
Tgt Ion:165 Resp: 268865
Ion Ratio Lower Upper

165 100

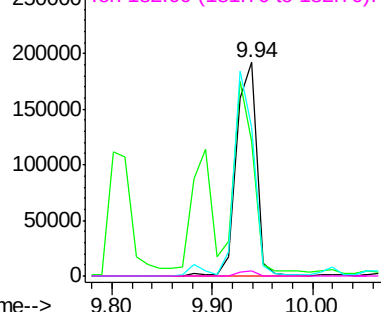
63 62.8 44.3 66.5

89 69.6 70.0 105.0#

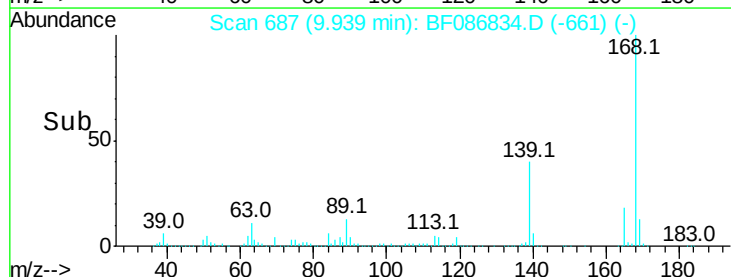
182 2.6 1.8 2.6

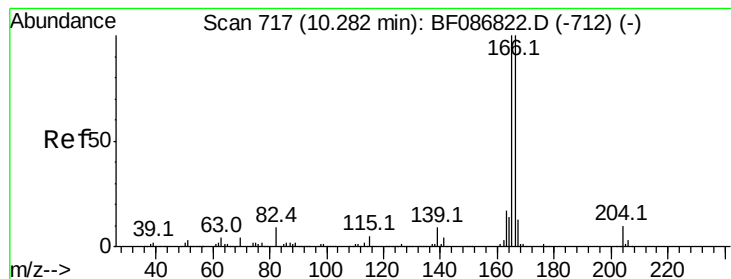


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0
Ion 182.00 (181.70 to 182.70): E



Time--> 9.80 9.90 10.00





#57

Fluorene

Concen: 42.47 ng

RT: 10.28 min Scan# 717

Delta R.T. 0.00 min

Lab File: BF086834.D

Acq: 9 May 2016 21:36

Instrument :

BNA_F

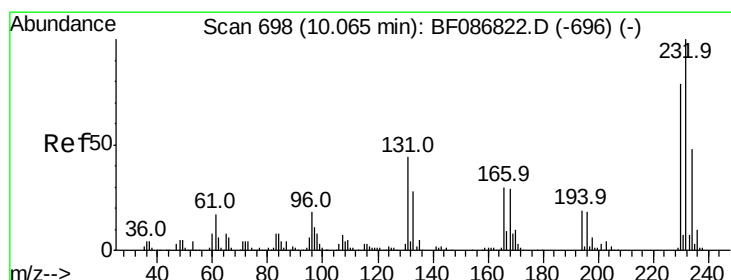
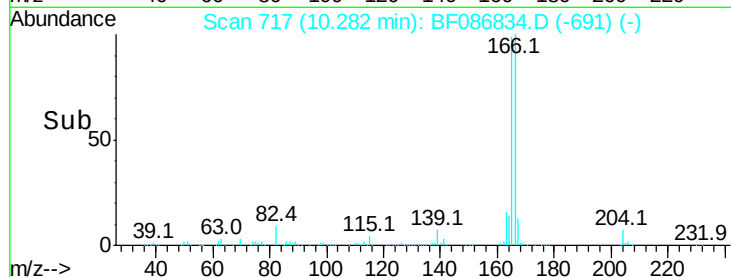
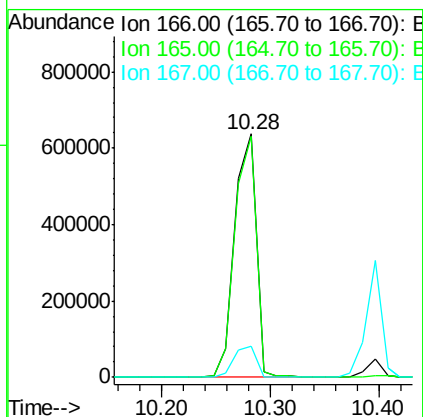
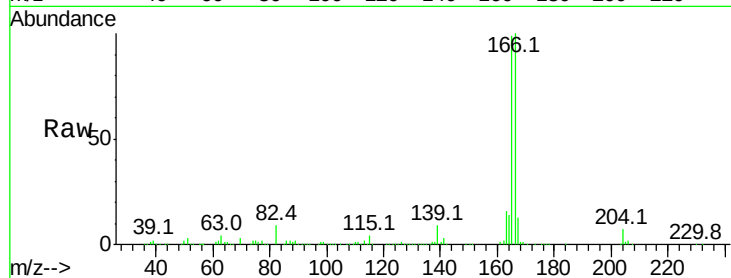
ClientSampleId :

PB90374BS

Tot Ion	Ratio	Resp	Lower	Upper
166	100			
165	99.1	79.0	118.6	
167	12.9	10.6	15.8	

Manual Integrations
APPROVED

sohil
5/10/2016 11:06:00 AM



#58

2,3,4,6-Tetrachlorophenol

Concen: 47.16 ng

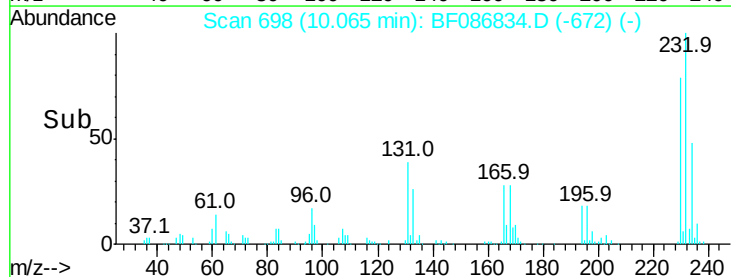
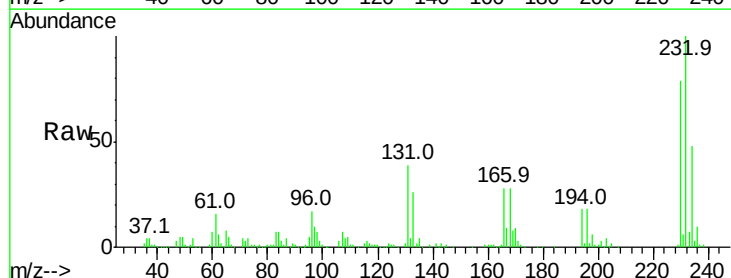
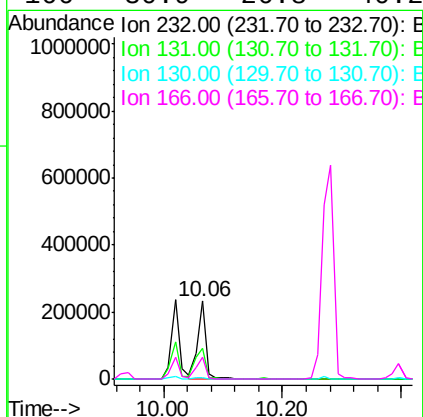
RT: 10.06 min Scan# 698

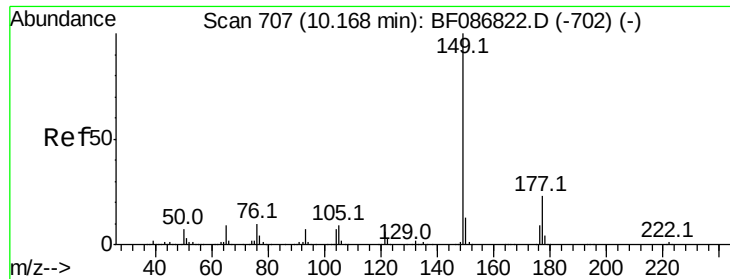
Delta R.T. 0.00 min

Lab File: BF086834.D

Acq: 9 May 2016 21:36

Tgt Ion	Ratio	Resp	Lower	Upper
232	100			
131	49.0	41.9	62.9	
130	2.4	2.2	3.4	
166	30.9	26.8	40.2	





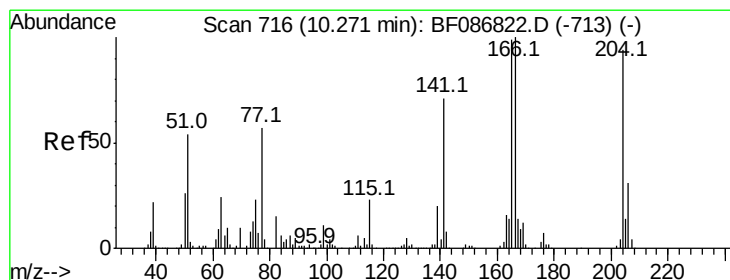
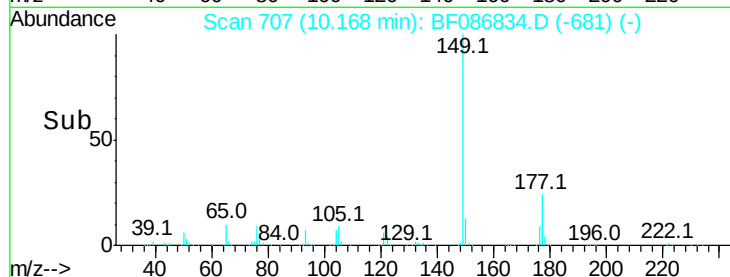
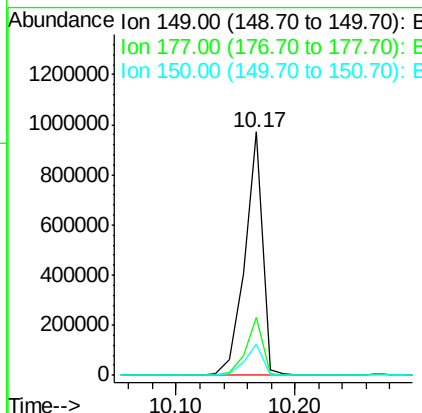
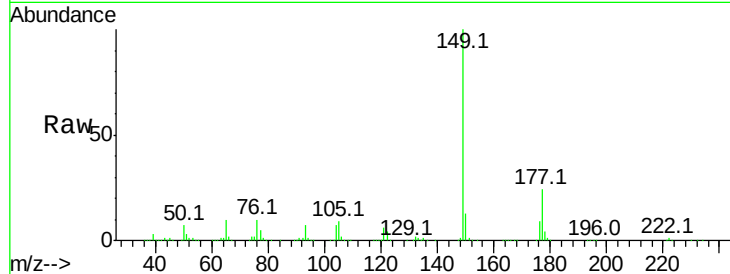
#59
Diethylphthalate
Concen: 41.58 ng
RT: 10.17 min Scan# 707
Delta R.T. 0.00 min
Lab File: BF086834.D
Acq: 9 May 2016 21:36

Instrument :
BNA_F
ClientSampleId :
PB90374BS

Tot Ion:149 Resp: 1011947
Ion Ratio Lower Upper
149 100
177 23.6 16.6 24.8
150 12.6 10.0 15.0

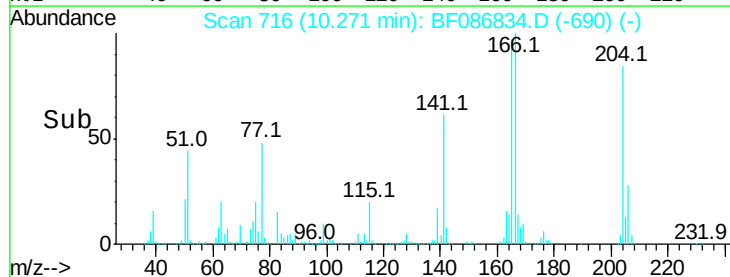
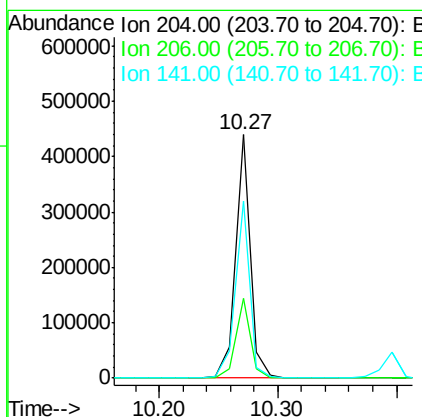
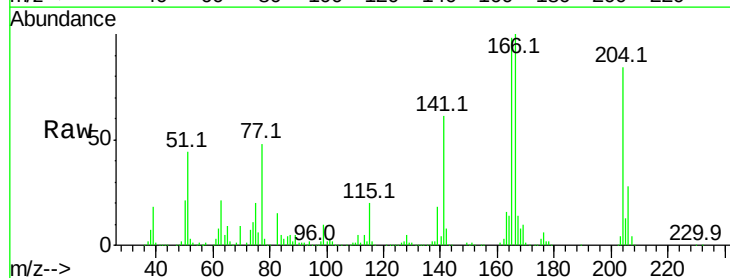
Manual Integrations
APPROVED

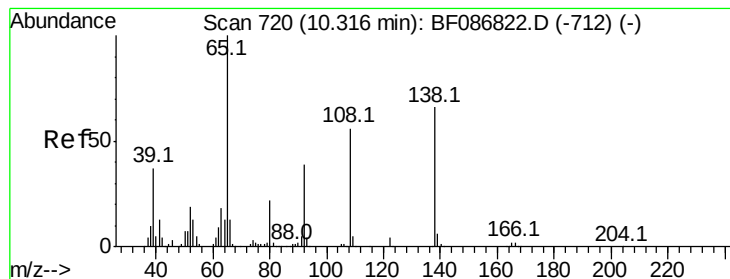
sohil
5/10/2016 11:06:00 AM



#60
4-Chlorophenyl-phenylether
Concen: 42.13 ng
RT: 10.27 min Scan# 716
Delta R.T. 0.00 min
Lab File: BF086834.D
Acq: 9 May 2016 21:36

Tgt Ion:204 Resp: 380499
Ion Ratio Lower Upper
204 100
206 33.0 25.4 38.0
141 72.5 61.6 92.4





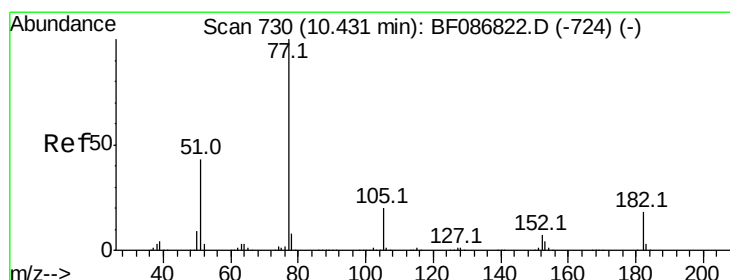
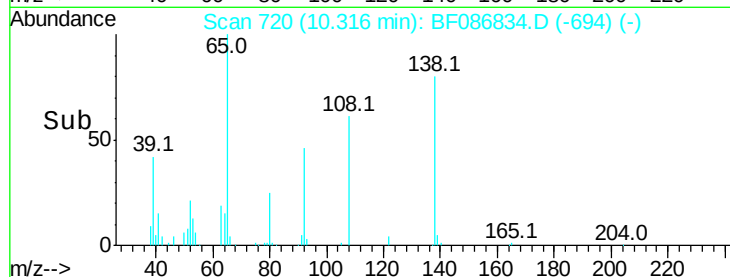
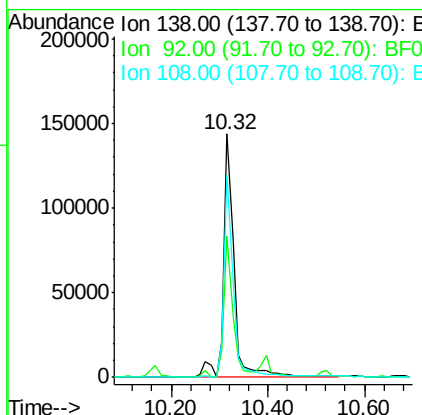
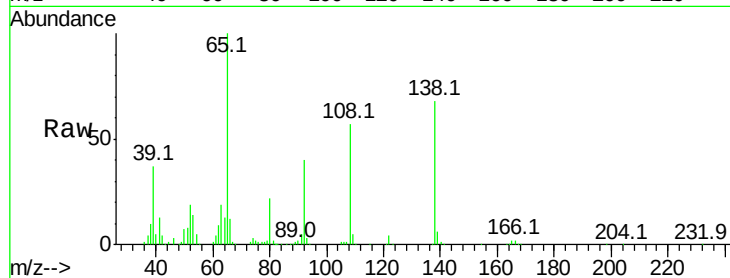
#61
4-Nitroaniline
Concen: 41.17 ng
RT: 10.32 min Scan# 720
Delta R.T. 0.00 min
Lab File: BF086834.D
Acq: 9 May 2016 21:36

Instrument :
BNA_F
ClientSampleId :
PB90374BS

Tot Ion	Ratio	Lower	Upper
138	100		
92	57.9	24.7	64.7
108	83.4	37.4	77.4

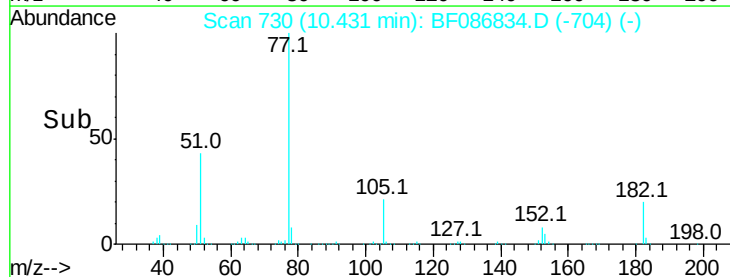
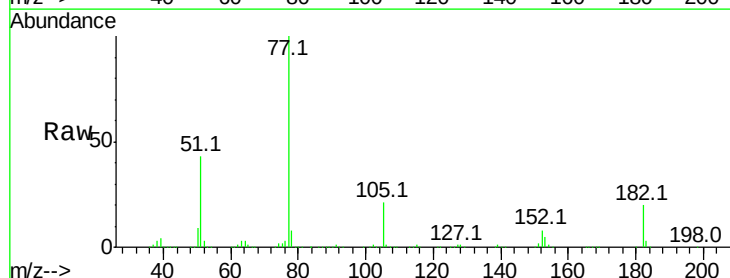
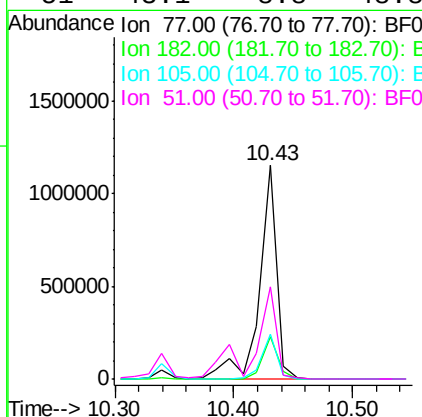
Manual Integrations
APPROVED

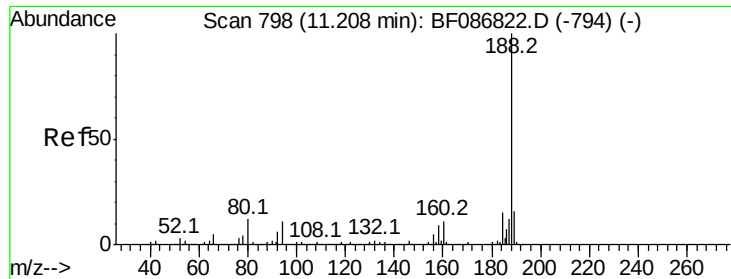
sohil
5/10/2016 11:06:00 AM



#62
Azobenzene
Concen: 44.31 ng
RT: 10.43 min Scan# 730
Delta R.T. 0.00 min
Lab File: BF086834.D
Acq: 9 May 2016 21:36

Tgt Ion	Ratio	Lower	Upper
77	100		
182	19.8	0.0	38.8
105	20.8	3.2	43.2
51	43.1	8.8	48.8





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.21 min Scan# 798

Delta R.T. 0.00 min

Lab File: BF086834.D

Acq: 9 May 2016 21:36

Instrument :

BNA_F

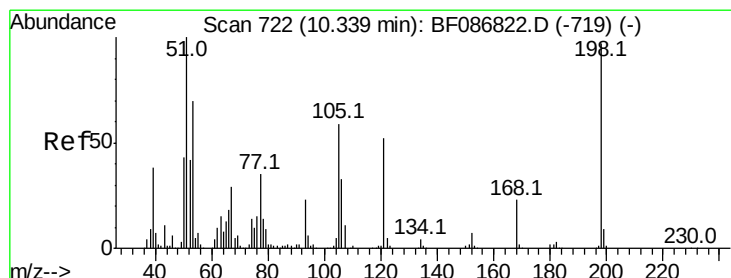
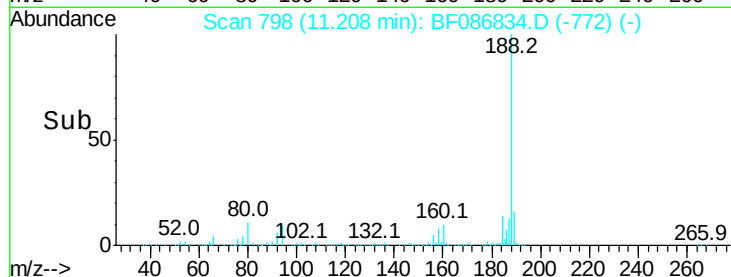
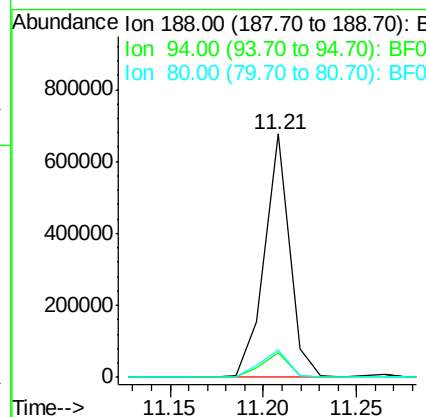
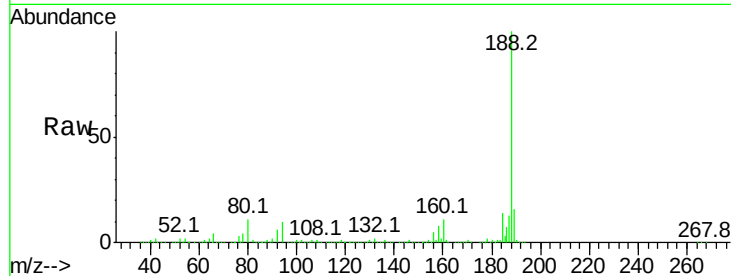
ClientSampleId :

PB90374BS

Tot Ion:	188	Resp:	630191
Ion Ratio	Lower	Upper	
188	100		
94	10.3	6.8	10.2#
80	11.1	7.1	10.7#

Manual Integrations
APPROVED

sohil
5/10/2016 11:06:00 AM



#64

4,6-Dinitro-2-methylphenol

Concen: 37.11 ng

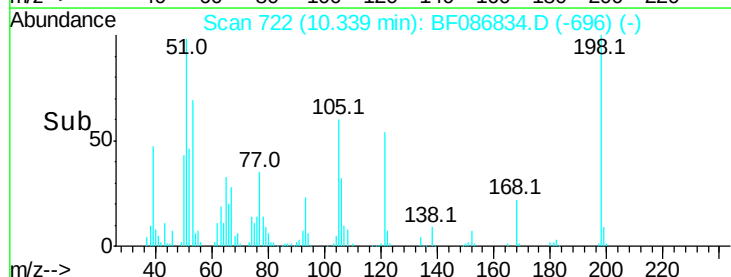
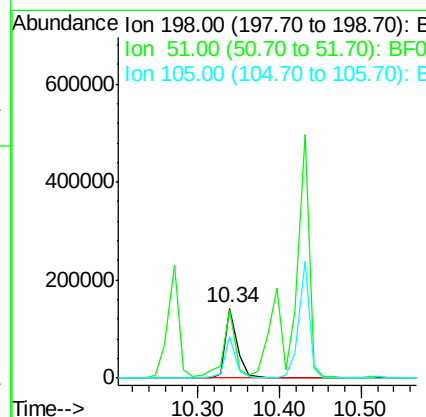
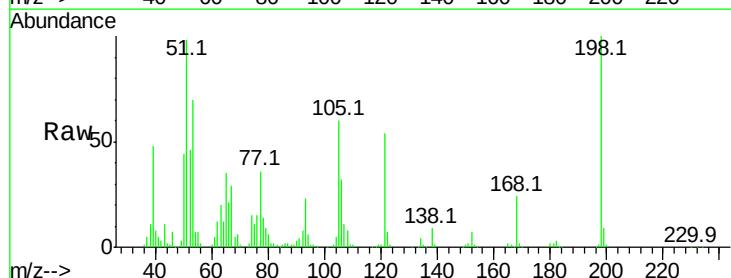
RT: 10.34 min Scan# 722

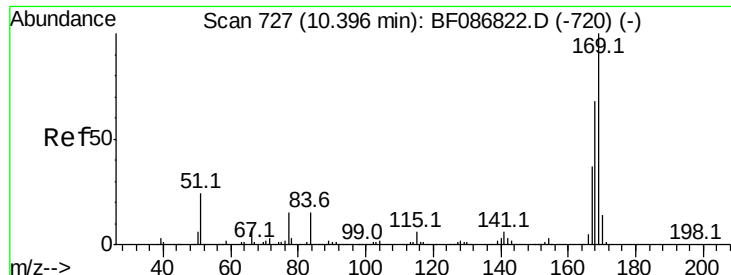
Delta R.T. 0.00 min

Lab File: BF086834.D

Acq: 9 May 2016 21:36

Tgt Ion:	198	Resp:	145283
Ion Ratio	Lower	Upper	
198	100		
51	98.3	20.5	60.5#
105	59.6	24.5	64.5





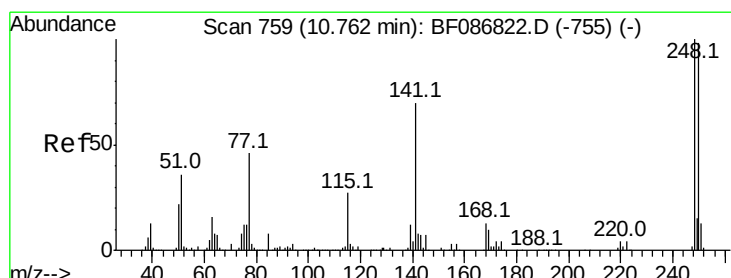
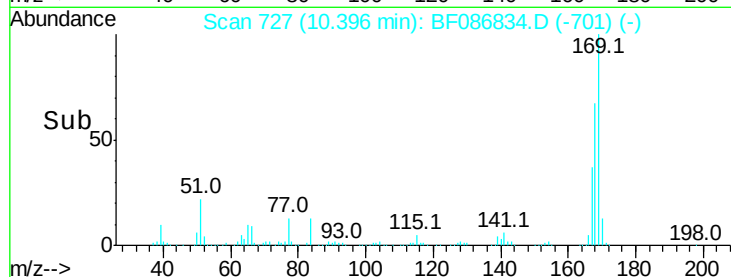
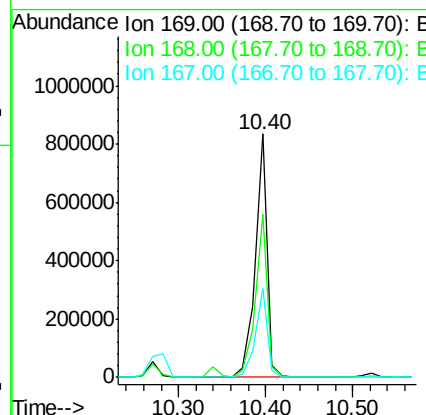
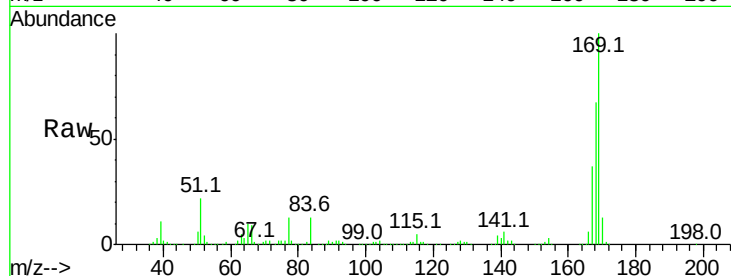
#65
n-Nitrosodiphenylamine
Concen: 41.60 ng
RT: 10.40 min Scan# 727
Delta R.T. 0.00 min
Lab File: BF086834.D
Acq: 9 May 2016 21:36

Instrument :
BNA_F
ClientSampleId :
PB90374BS

Tot Ion	Ratio	Resp	Lower	Upper
169	100			
168	67.1	53.8	80.6	
167	36.7	29.5	44.3	

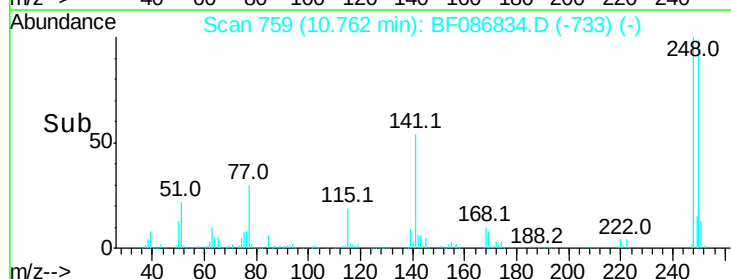
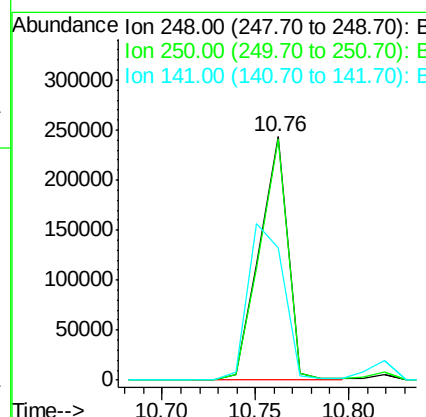
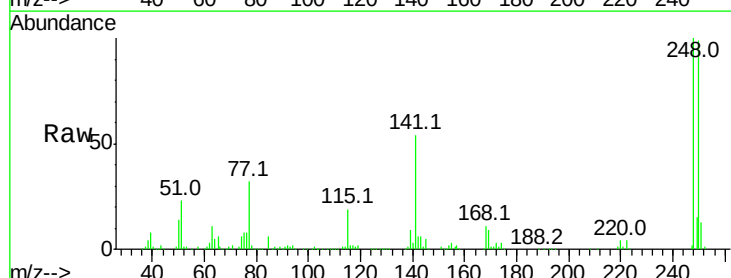
Manual Integrations
APPROVED

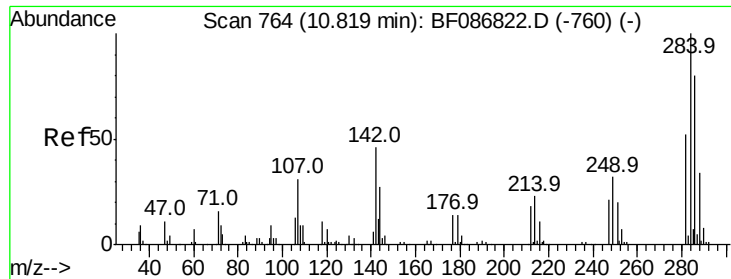
sohil
5/10/2016 11:06:00 AM



#66
4-Bromophenyl-phenylether
Concen: 40.09 ng
RT: 10.76 min Scan# 759
Delta R.T. 0.00 min
Lab File: BF086834.D
Acq: 9 May 2016 21:36

Tgt Ion	Ratio	Resp	Lower	Upper
248	100			
250	99.1	78.6	117.8	
141	54.1	76.0	114.0#	





#67

Hexachlorobenzene

Concen: 38.06 ng

RT: 10.82 min Scan# 764

Delta R.T. 0.00 min

Lab File: BF086834.D

Acq: 9 May 2016 21:36

Instrument :

BNA_F

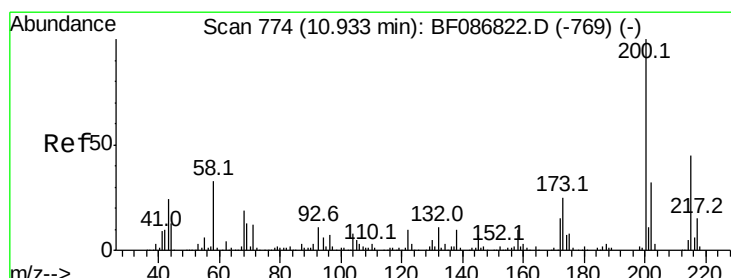
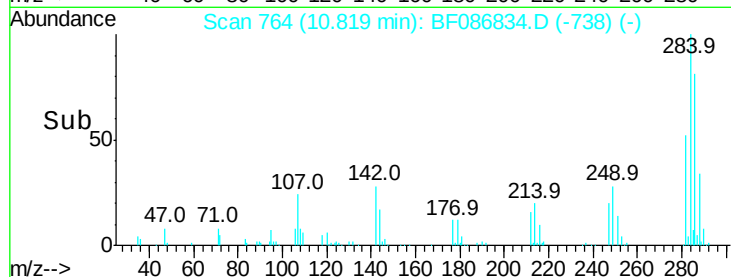
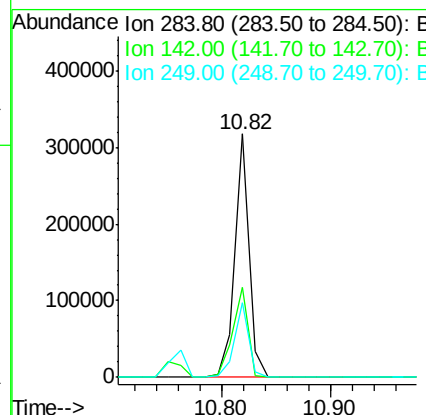
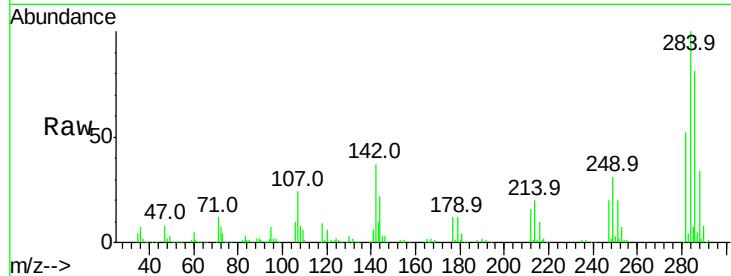
ClientSampleId :

PB90374BS

Tot Ion:	284	Resp:	284175
Ion Ratio	Lower	Upper	
284	100		
142	37.1	16.7	25.1#
249	30.9	21.3	31.9

Manual Integrations
APPROVED

sohil
5/10/2016 11:06:00 AM



#68

Atrazine

Concen: 42.80 ng

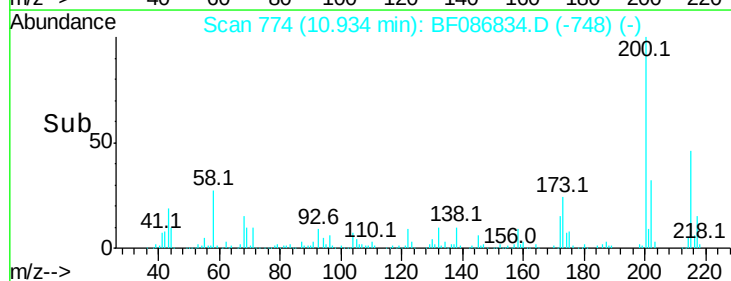
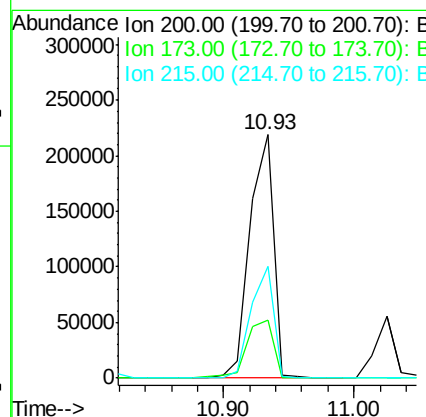
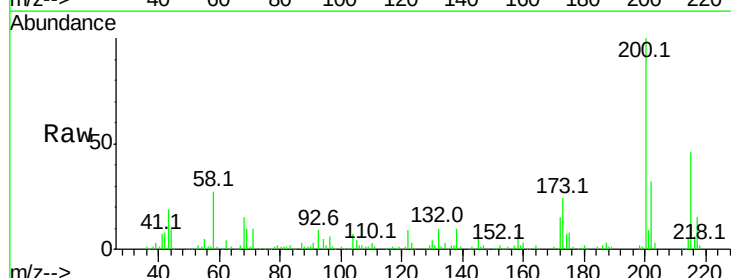
RT: 10.93 min Scan# 774

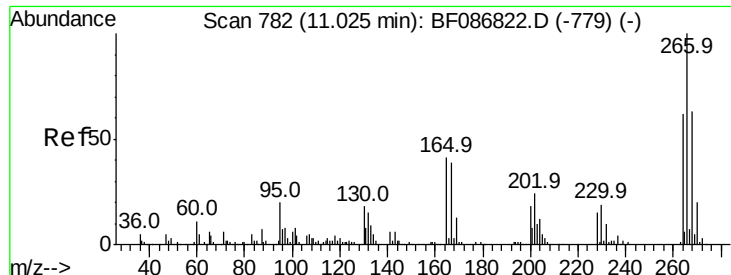
Delta R.T. 0.00 min

Lab File: BF086834.D

Acq: 9 May 2016 21:36

Tgt Ion:	200	Resp:	276822
Ion Ratio	Lower	Upper	
200	100		
173	23.9	8.5	48.5
215	46.0	27.2	67.2





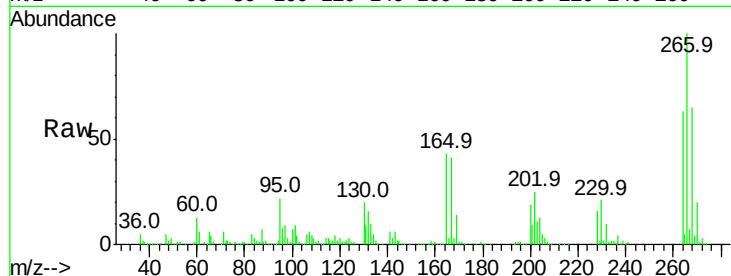
#69
 Pentachlorophenol
 Concen: 86.16 ng
 RT: 11.02 min Scan# 782
 Delta R.T. 0.00 min
 Lab File: BF086834.D
 Acq: 9 May 2016 21:36

Instrument :
 BNA_F
 ClientSampleId :
 PB90374BS

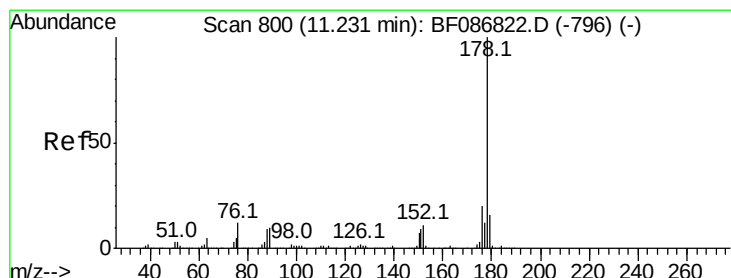
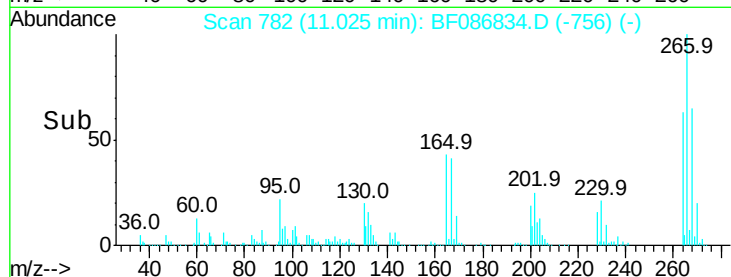
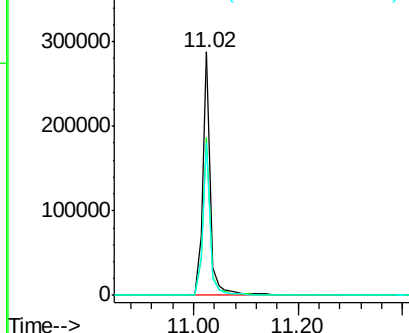
Tot Ion:	266	Resp:	297348
Ion Ratio	Lower	Upper	
266	100		
268	64.8	51.5	77.3
264	62.6	52.9	79.3

Manual Integrations
 APPROVED

sohil
 5/10/2016 11:06:00 AM



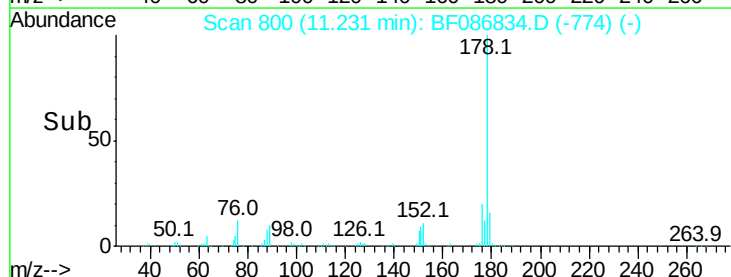
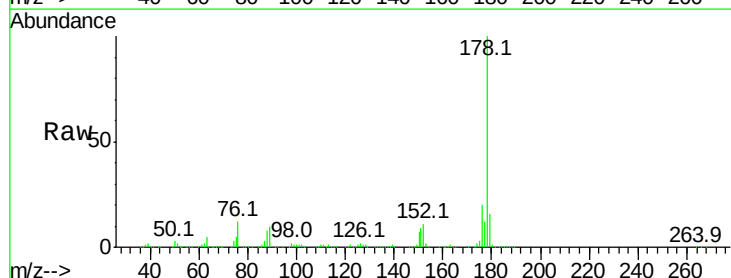
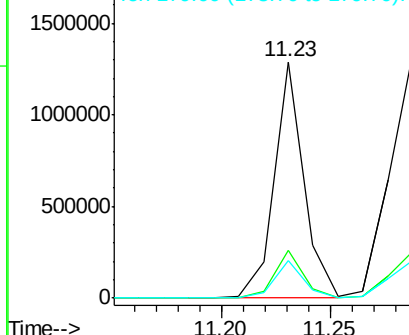
Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

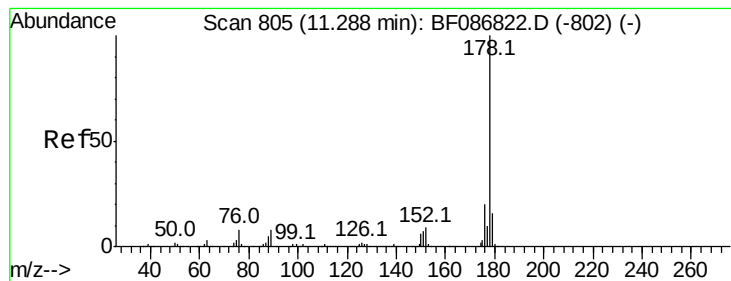


#70
 Phenanthrene
 Concen: 36.63 ng
 RT: 11.23 min Scan# 800
 Delta R.T. 0.00 min
 Lab File: BF086834.D
 Acq: 9 May 2016 21:36

Tgt Ion:	178	Resp:	1231872
Ion Ratio	Lower	Upper	
178	100		
176	20.2	16.0	24.0
179	16.0	12.6	18.8

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





#71

Anthracene

Concen: 41.85 ng

RT: 11.29 min Scan# 805

Delta R.T. 0.00 min

Lab File: BF086834.D

Acq: 9 May 2016 21:36

Instrument :

BNA_F

ClientSampleId :

PB90374BS

Tot Ion:178 Resp: 1439305

Ion Ratio Lower Upper

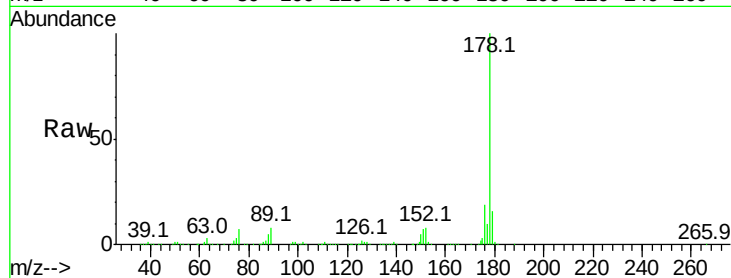
178 100

176 19.3 15.6 23.4

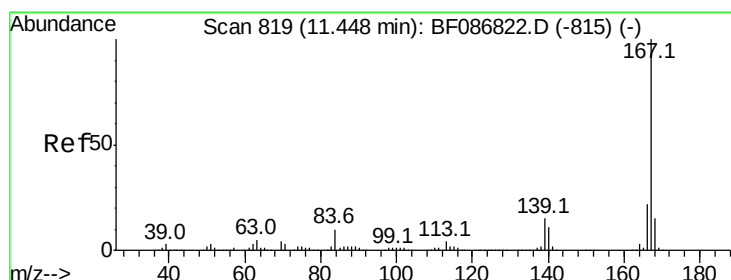
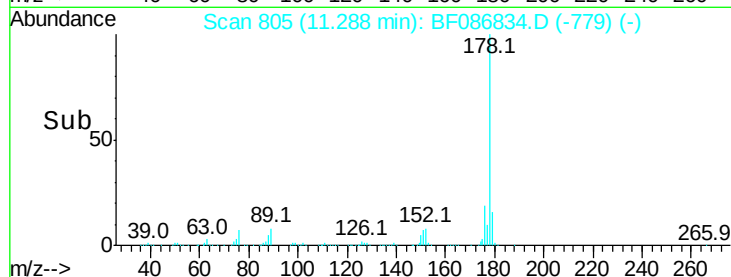
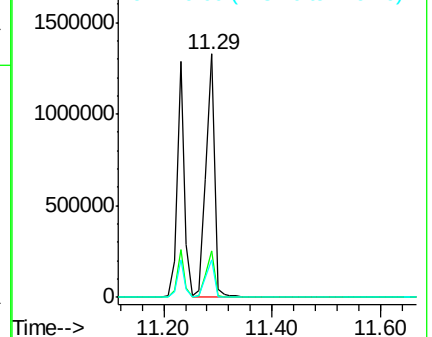
179 15.7 12.7 19.1

Manual Integrations
APPROVED

sohil
5/10/2016 11:06:00 AM



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



#72

Carbazole

Concen: 43.54 ng

RT: 11.45 min Scan# 819

Delta R.T. 0.00 min

Lab File: BF086834.D

Acq: 9 May 2016 21:36

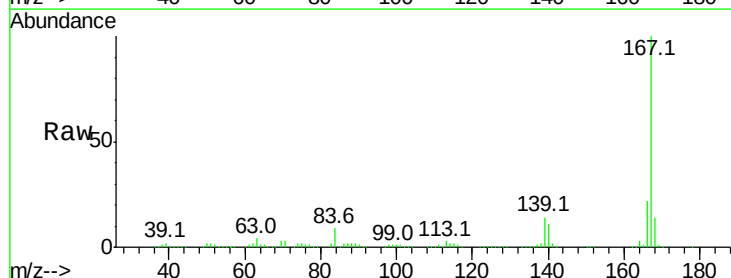
Tgt Ion:167 Resp: 1287419

Ion Ratio Lower Upper

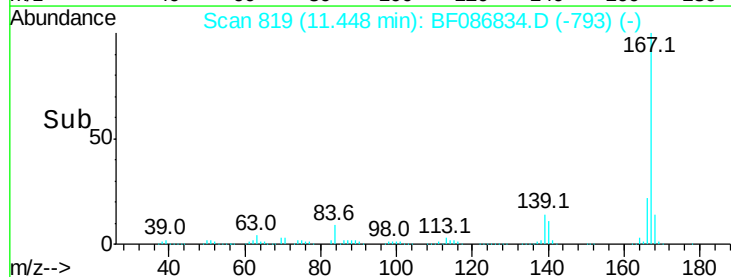
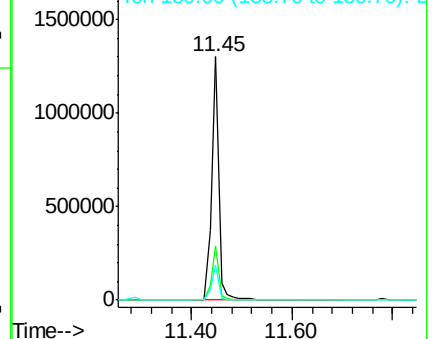
167 100

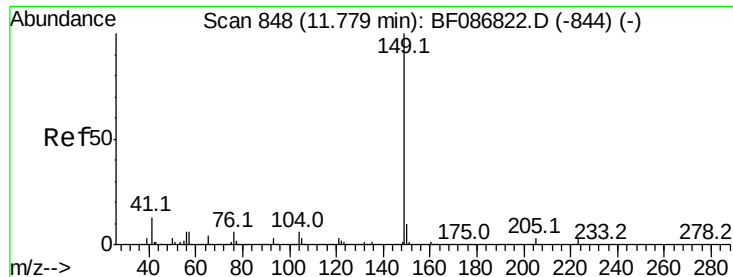
166 22.5 17.7 26.5

139 14.1 10.8 16.2



Abundance Ion 167.00 (166.70 to 167.70): E
Ion 166.00 (165.70 to 166.70): E
Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 42.77 ng

RT: 11.78 min Scan# 848

Delta R.T. 0.00 min

Lab File: BF086834.D

Acq: 9 May 2016 21:36

Instrument :

BNA_F

ClientSampleId :

PB90374BS

Tot Ion:149 Resp: 1544270

Ion Ratio Lower Upper

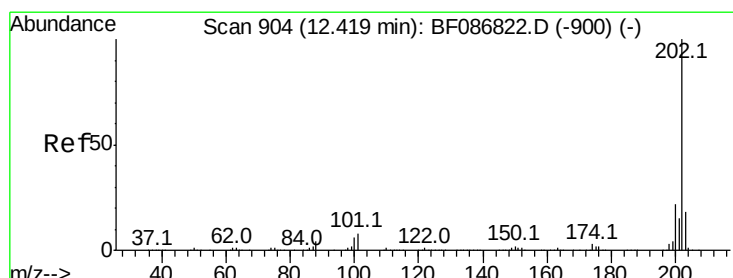
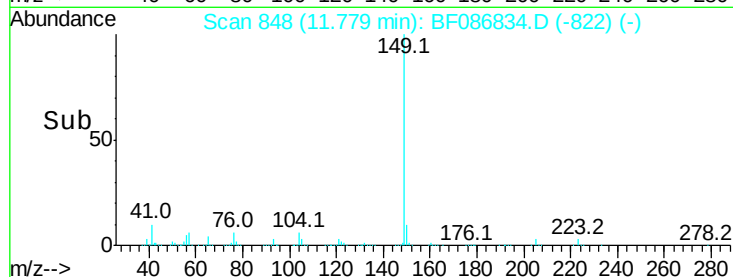
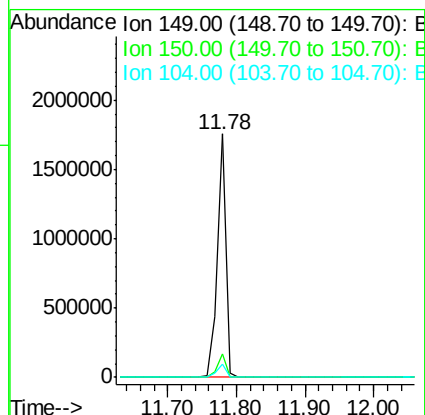
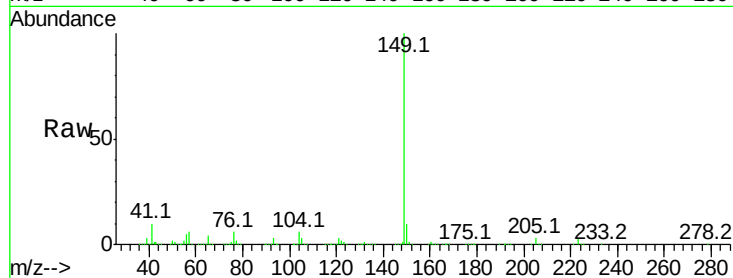
149 100

150 9.6 7.6 11.4

104 5.6 3.8 5.6

Manual Integrations
APPROVED

sohil
5/10/2016 11:06:00 AM



#74

Fluoranthene

Concen: 38.37 ng

RT: 12.41 min Scan# 903

Delta R.T. -0.01 min

Lab File: BF086834.D

Acq: 9 May 2016 21:36

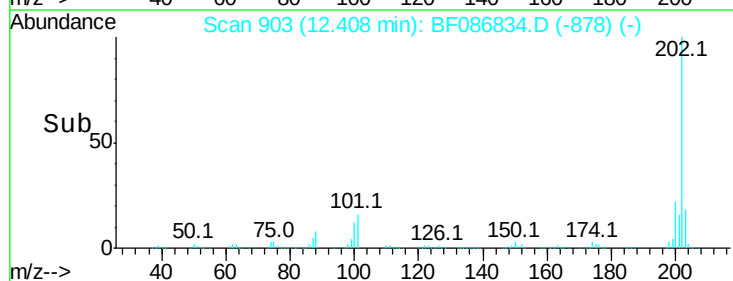
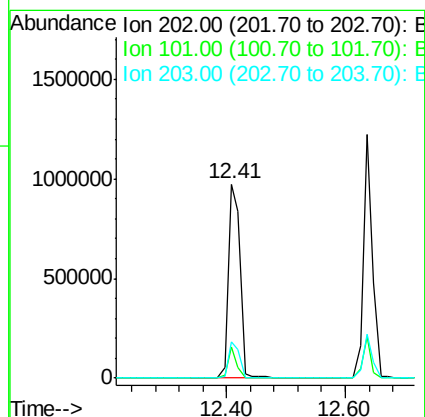
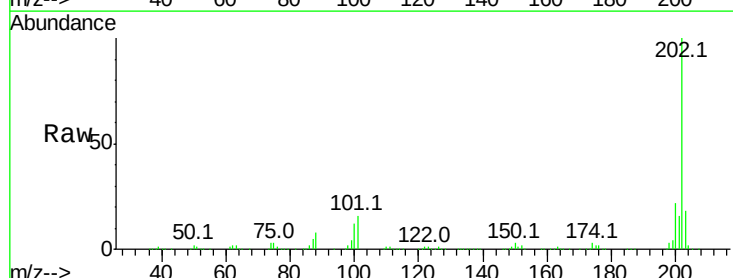
Tgt Ion:202 Resp: 1327377

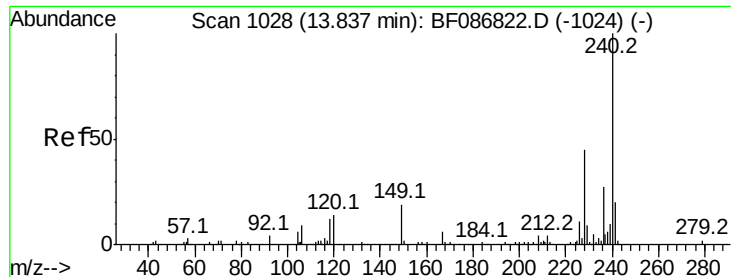
Ion Ratio Lower Upper

202 100

101 16.4 0.0 35.4

203 18.4 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: BF086834.D

Acq: 9 May 2016 21:36

Instrument :

BNA_F

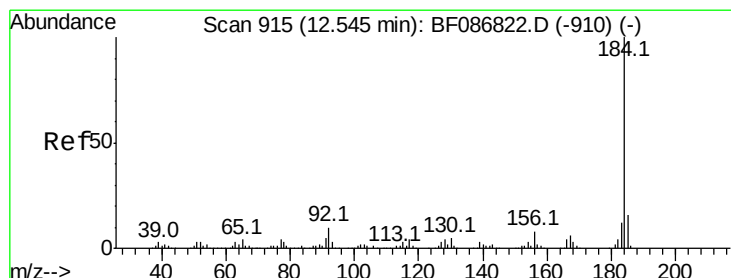
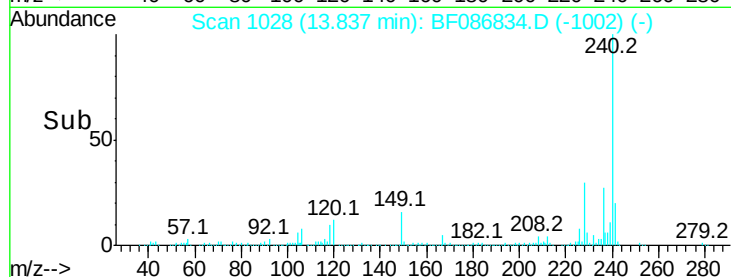
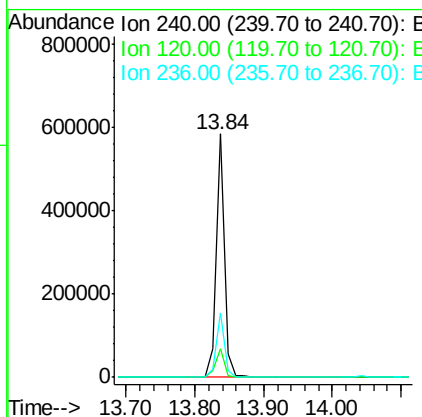
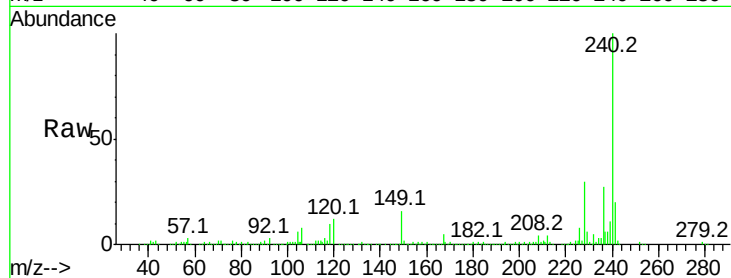
ClientSampleId :

PB90374BS

Tot Ion:	240	Resp:	500257
Ion Ratio		Lower	Upper
240	100		
120	11.6	11.2	16.8
236	26.7	21.2	31.8

Manual Integrations
APPROVED

sohil
5/10/2016 11:06:00 AM



#76

Benzidine

Concen: 29.52 ng

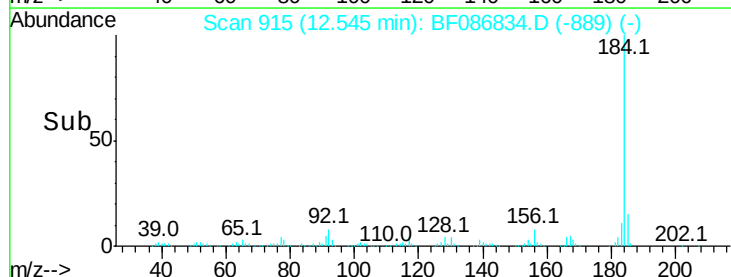
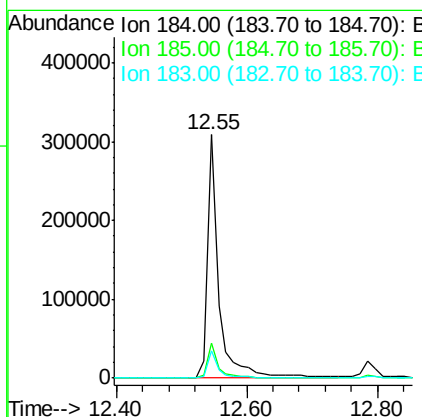
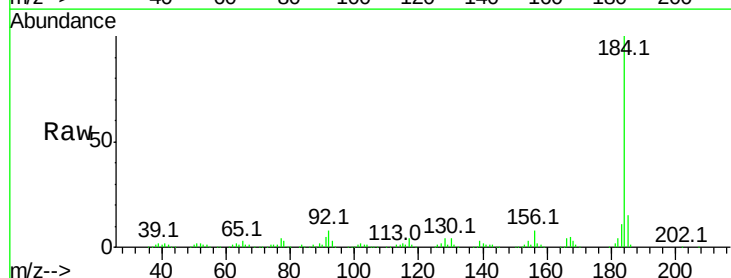
RT: 12.55 min Scan# 915

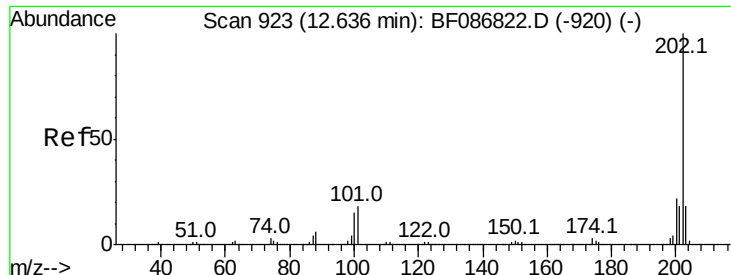
Delta R.T. 0.00 min

Lab File: BF086834.D

Acq: 9 May 2016 21:36

Tgt Ion:	184	Resp:	376467
Ion Ratio		Lower	Upper
184	100		
185	14.6	13.6	20.4
183	11.5	9.8	14.6





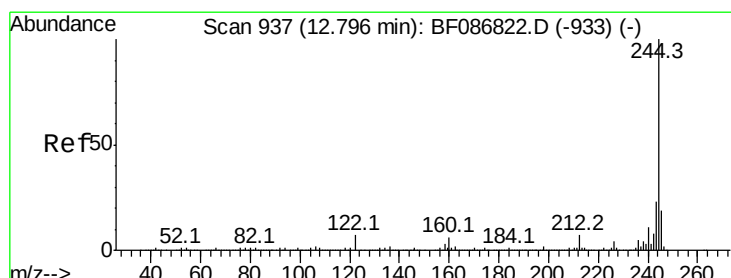
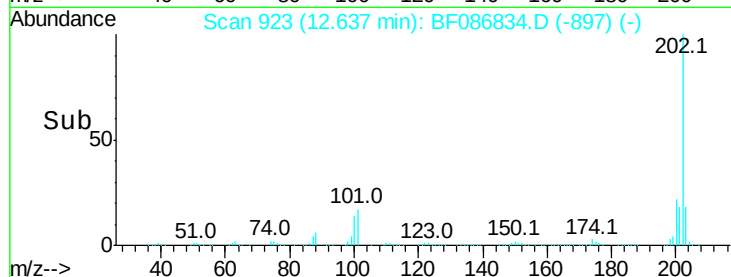
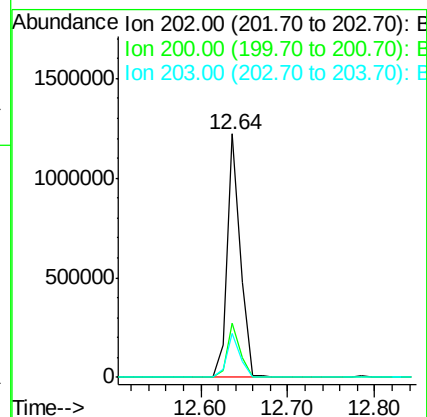
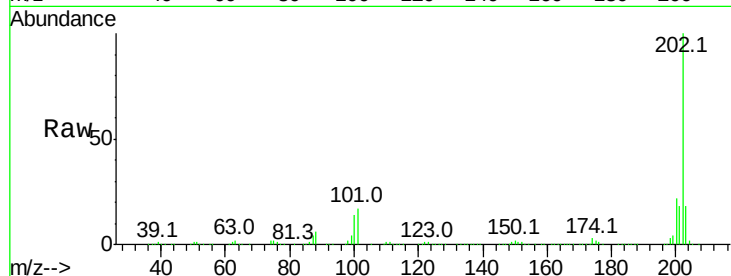
#77
Pvrene
Concen: 33.81 ng
RT: 12.64 min Scan# 923
Delta R.T. 0.00 min
Lab File: BF086834.D
Acq: 9 May 2016 21:36

Instrument :
BNA_F
ClientSampleId :
PB90374BS

Tot Ion	Ratio	Lower	Upper
202	100		
200	22.2	17.7	26.5
203	18.1	14.2	21.4

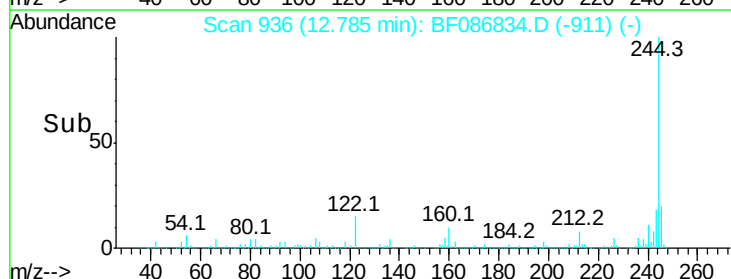
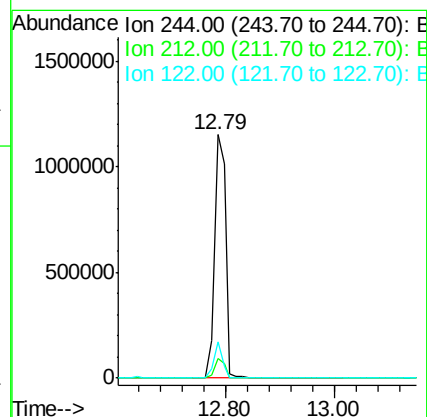
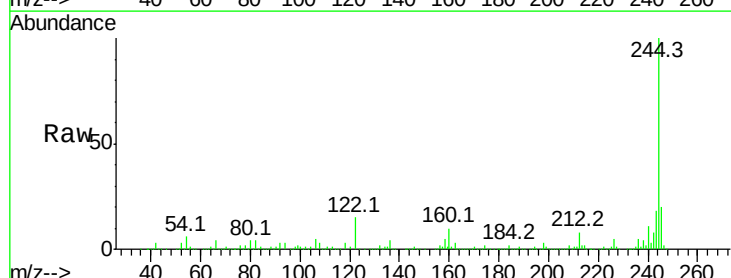
Manual Integrations
APPROVED

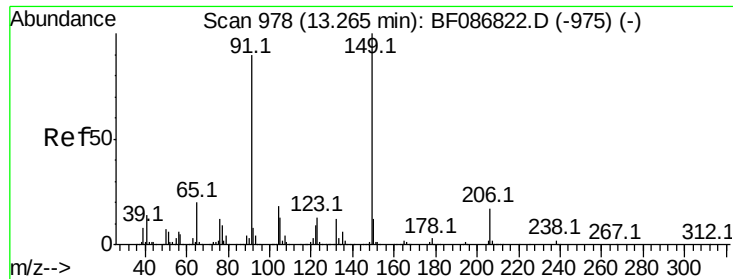
sohil
5/10/2016 11:06:00 AM



#78
Terphenyl-d14
Concen: 69.79 ng
RT: 12.79 min Scan# 936
Delta R.T. -0.01 min
Lab File: BF086834.D
Acq: 9 May 2016 21:36

Tgt Ion	Ratio	Lower	Upper
244	100		
212	8.2	6.2	9.2
122	14.9	12.0	18.0





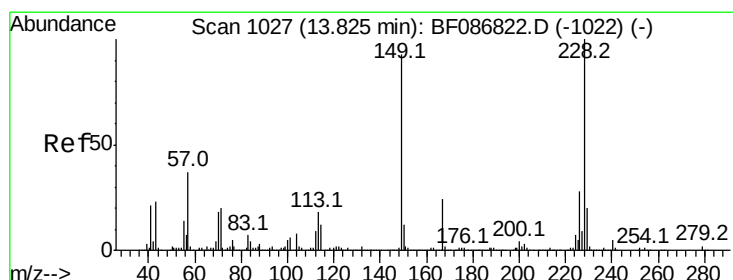
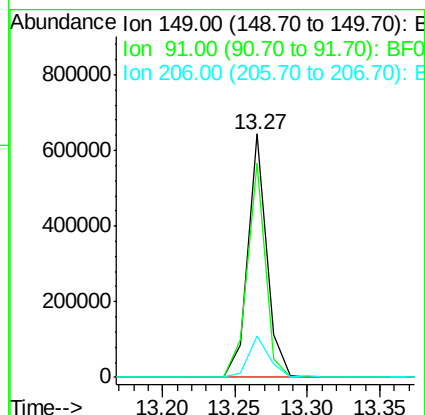
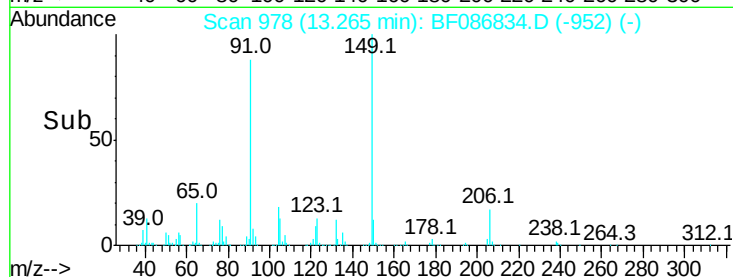
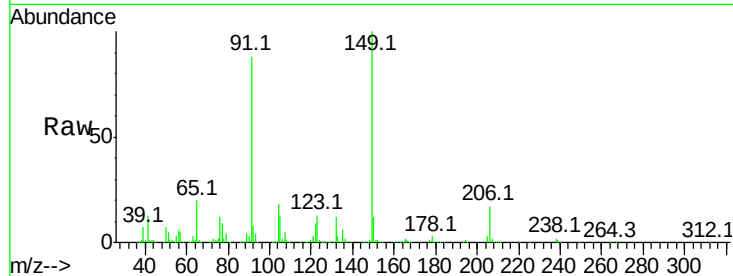
#79
Butylbenzylphthalate
Concen: 35.92 ng
RT: 13.27 min Scan# 978
Delta R.T. 0.00 min
Lab File: BF086834.D
Acq: 9 May 2016 21:36

Instrument :
BNA_F
ClientSampleId :
PB90374BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	581962		
91	87.7	48.0	72.0#	
206	17.0	15.8	23.6	

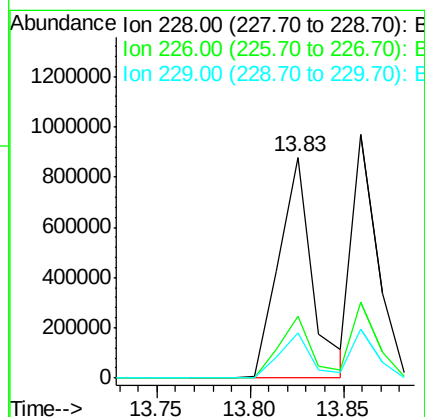
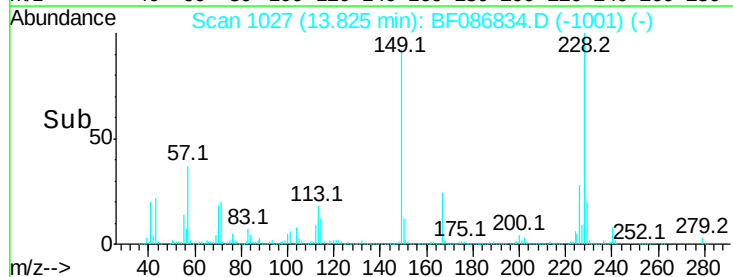
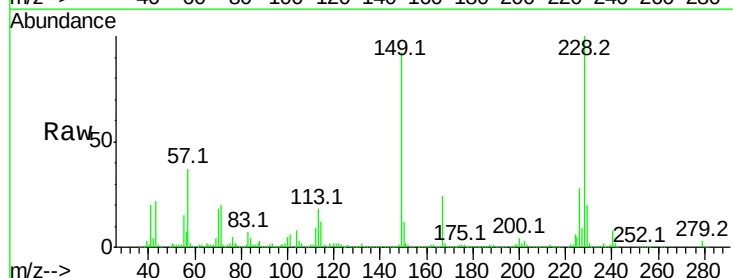
Manual Integrations
APPROVED

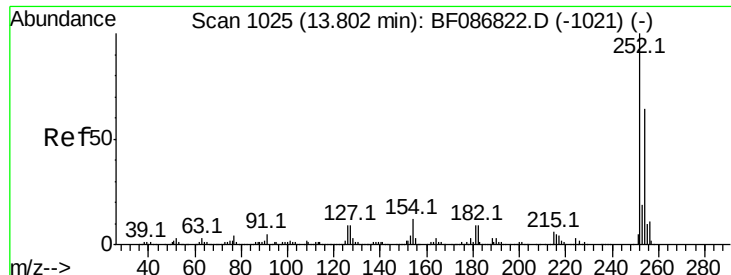
sohil
5/10/2016 11:06:00 AM



#80
Benzo(a)anthracene
Concen: 38.94 ng
RT: 13.83 min Scan# 1027
Delta R.T. 0.00 min
Lab File: BF086834.D
Acq: 9 May 2016 21:36

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	1093651		
226	28.0	22.5	33.7	
229	20.2	16.6	25.0	





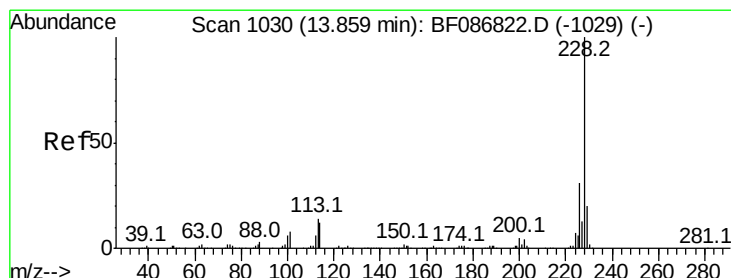
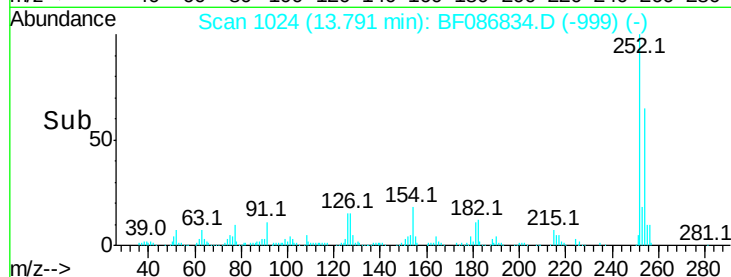
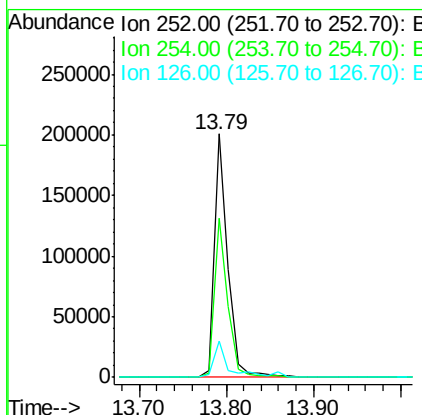
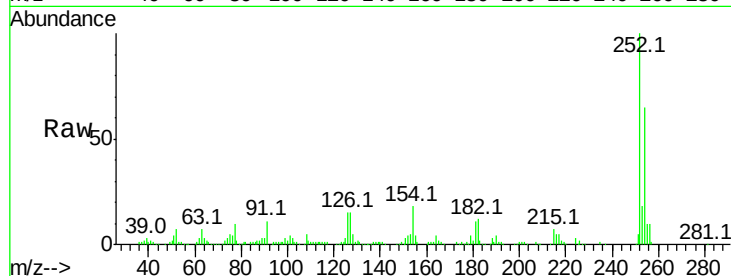
#81
 3,3'-Dichlorobenzidine
 Concen: 12.35 ng
 RT: 13.79 min Scan# 1024
 Delta R.T. -0.01 min
 Lab File: BF086834.D
 Acq: 9 May 2016 21:36

Instrument :
 BNA_F
 ClientSampled :
 PB90374BS

Tot Ion	Ratio	Resp	Lower	Upper
252	100	220336		
254	65.4	50.7	76.1	
126	15.0	12.7	19.1	

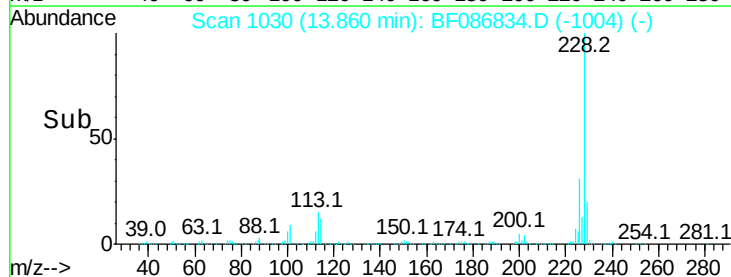
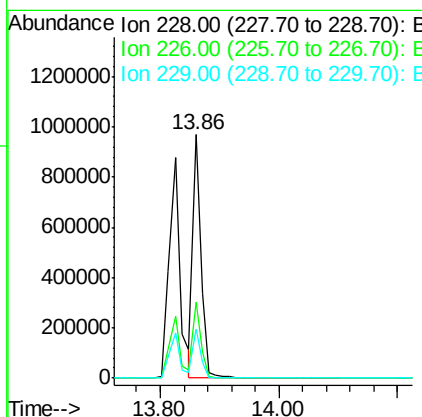
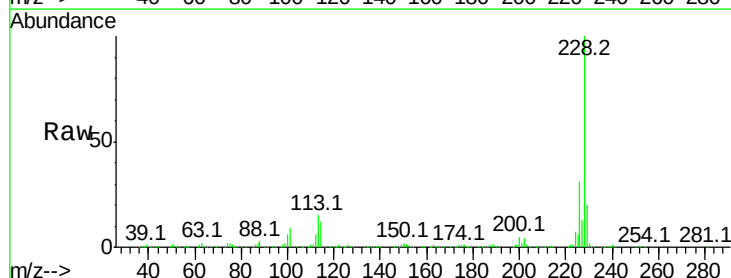
Manual Integrations
 APPROVED

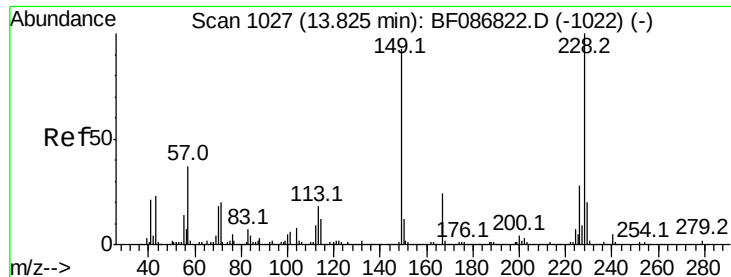
sohil
 5/10/2016 11:06:00 AM



#82
 Chrysene
 Concen: 32.79 ng
 RT: 13.86 min Scan# 1030
 Delta R.T. 0.00 min
 Lab File: BF086834.D
 Acq: 9 May 2016 21:36

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	936741		
226	31.1	24.4	36.6	
229	20.4	15.8	23.8	





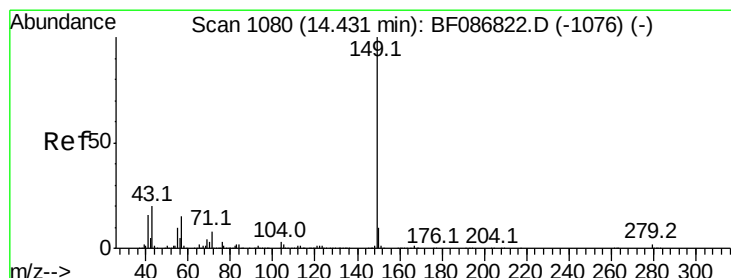
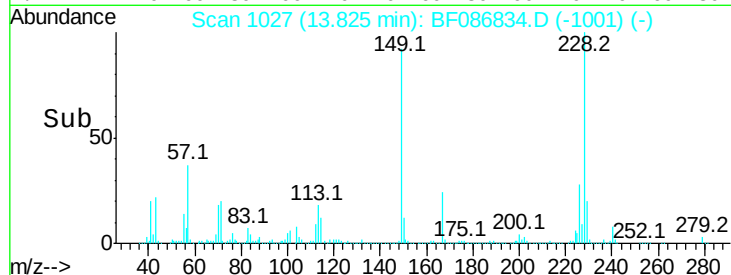
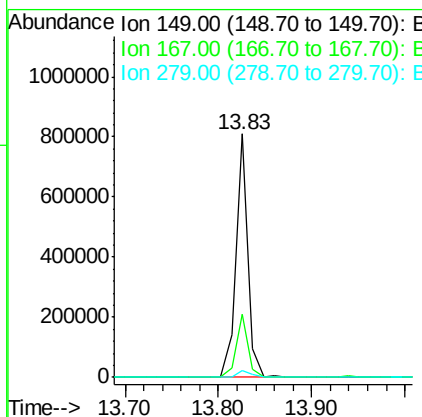
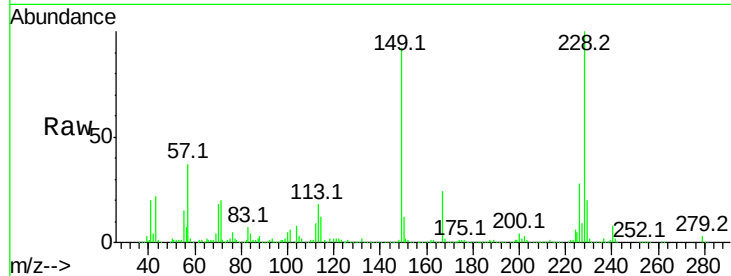
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 37.38 ng
 RT: 13.83 min Scan# 1027
 Delta R.T. 0.00 min
 Lab File: BF086834.D
 Acq: 9 May 2016 21:36

Instrument :
 BNA_F
 ClientSampled :
 PB90374BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100			
167	25.8	21.8	32.6	
279	3.0	2.6	4.0	

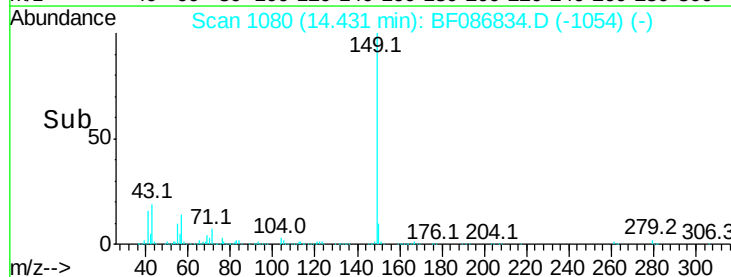
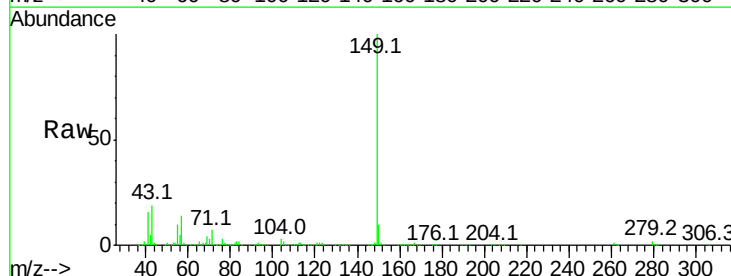
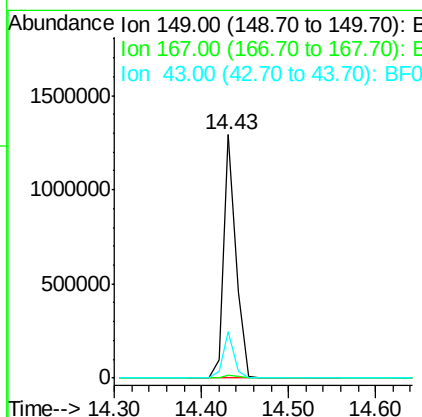
Manual Integrations
 APPROVED

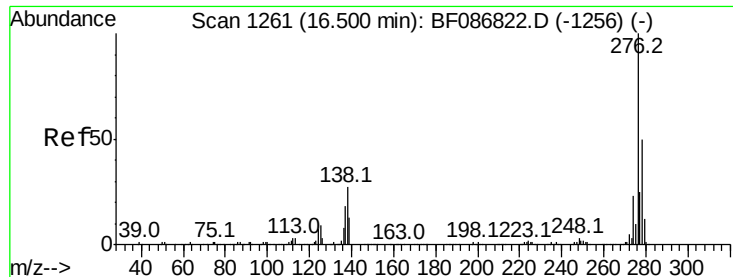
sohil
 5/10/2016 11:06:00 AM



#84
 Di-n-octyl phthalate
 Concen: 39.63 ng
 RT: 14.43 min Scan# 1080
 Delta R.T. 0.00 min
 Lab File: BF086834.D
 Acq: 9 May 2016 21:36

Tgt Ion	Ratio	Resp	Lower	Upper
149	100			
167	1.6	1.2	1.8	
43	17.3	8.2	12.4	





#85

Indeno(1,2,3-cd)pyrene

Concen: 35.23 ng

RT: 16.50 min Scan# 1261

Delta R.T. 0.00 min

Lab File: BF086834.D

Acq: 9 May 2016 21:36

Instrument :

BNA_F

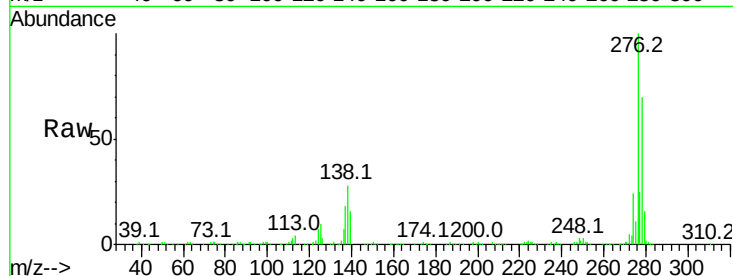
ClientSampled :

PB90374BS

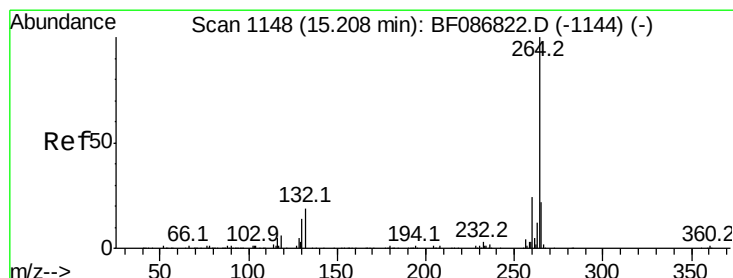
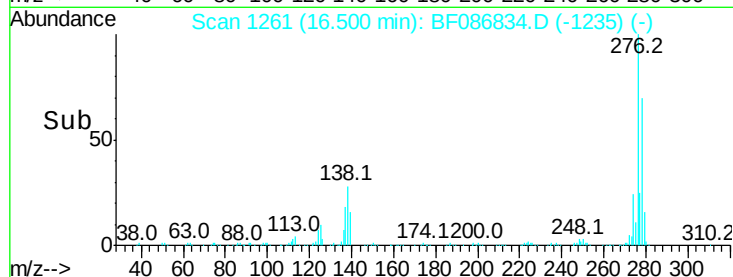
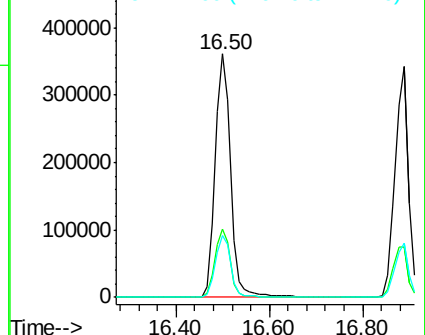
Tot Ion	Ratio	Lower	Upper
276	100		
138	28.0	25.6	38.4
277	25.1	20.5	30.7

Manual Integrations
APPROVED

sohil
5/10/2016 11:06:00 AM



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



#86

Perylene-d12

Concen: 20.00 ng

RT: 15.21 min Scan# 1148

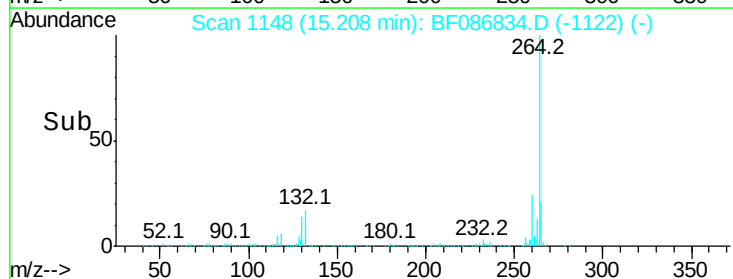
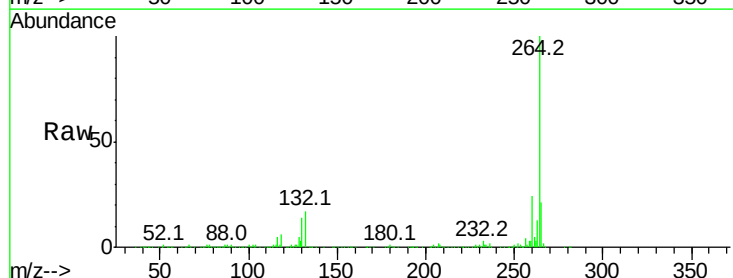
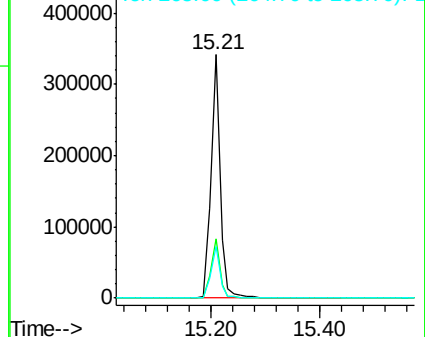
Delta R.T. 0.00 min

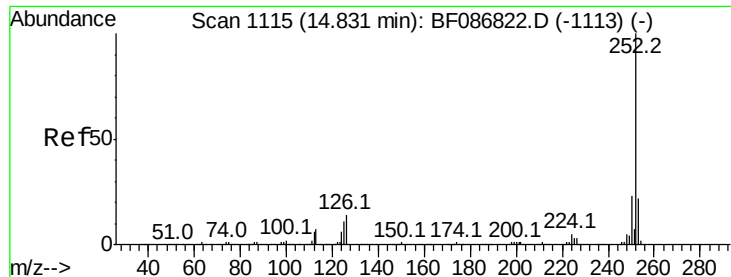
Lab File: BF086834.D

Acq: 9 May 2016 21:36

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.5	19.5	29.3
265	21.3	17.3	25.9

Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 38.64 ng m

RT: 14.83 min Scan# 1115

Delta R.T. 0.00 min

Lab File: BF086834.D

Acq: 9 May 2016 21:36

Instrument :

BNA_F

ClientSampled :

PB90374BS

Tot Ion:252 Resp: 1007861

Ion Ratio Lower Upper

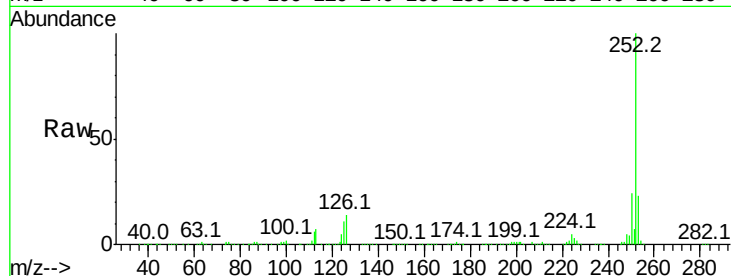
252 100

253 22.6 17.8 26.6

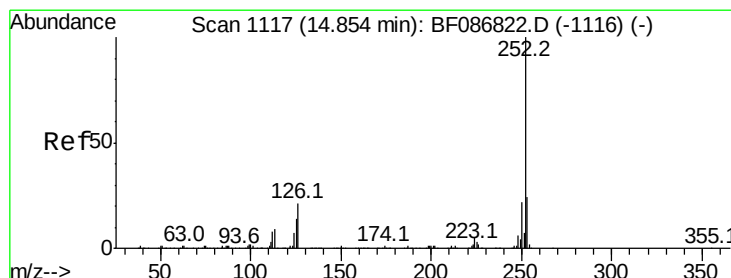
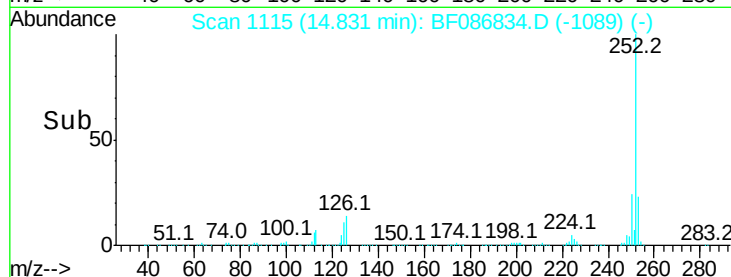
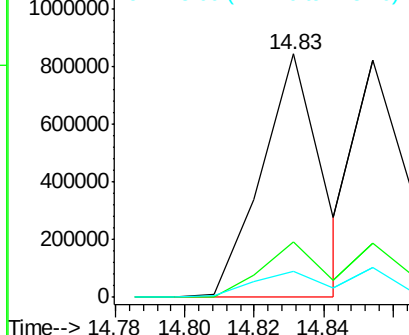
125 10.8 11.4 17.0#

Manual Integrations
APPROVED

sohil
5/10/2016 11:06:00 AM



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



#88

Benzo(k)fluoranthene

Concen: 39.65 ng m

RT: 14.85 min Scan# 1117

Delta R.T. 0.00 min

Lab File: BF086834.D

Acq: 9 May 2016 21:36

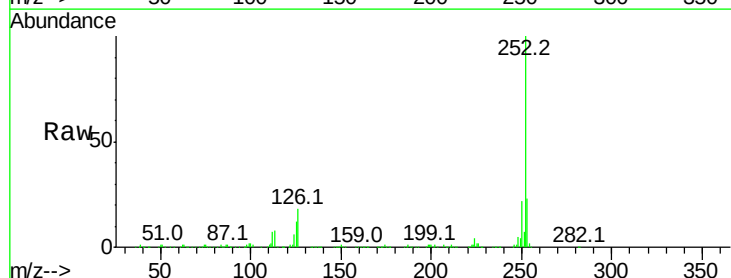
Tgt Ion:252 Resp: 846868

Ion Ratio Lower Upper

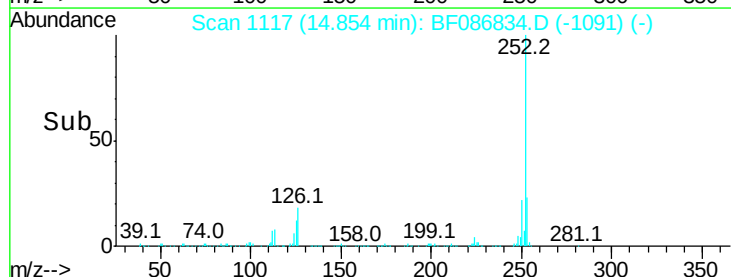
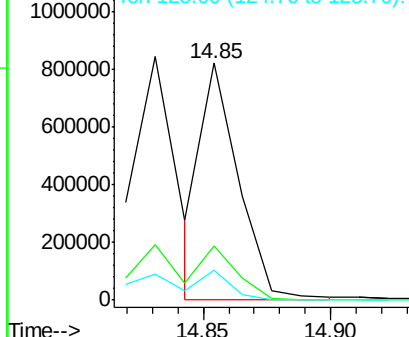
252 100

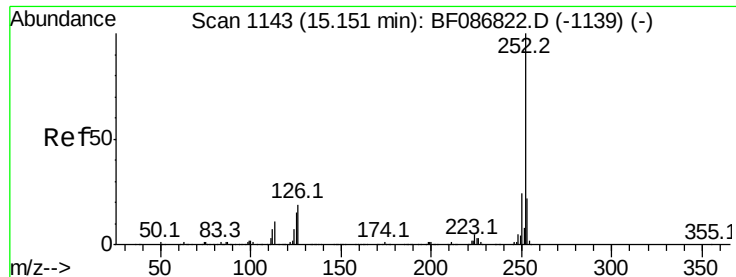
253 22.8 17.8 26.6

125 12.5 9.1 13.7



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





#89

Benzo(a)pyrene

Concen: 38.67 ng

RT: 15.15 min Scan# 1143

Delta R.T. 0.00 min

Lab File: BF086834.D

Acq: 9 May 2016 21:36

Instrument :

BNA_F

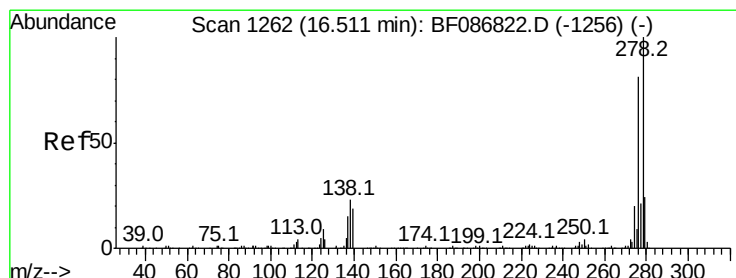
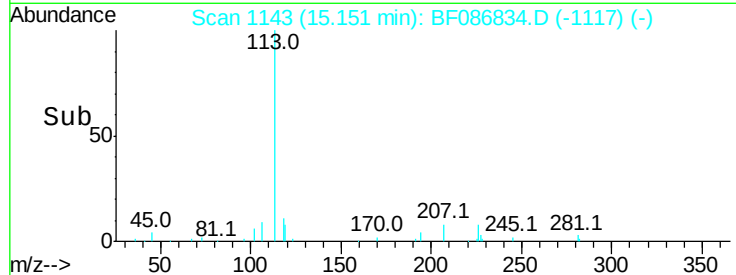
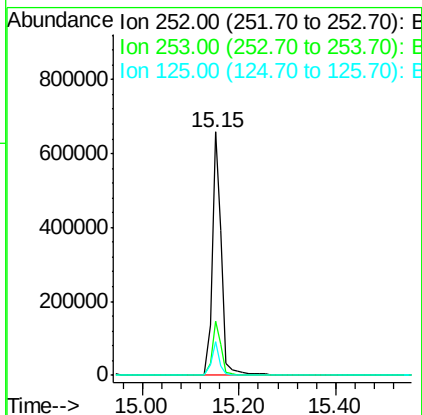
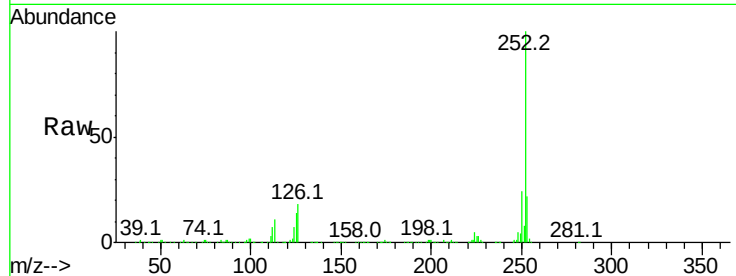
ClientSampleId :

PB90374BS

Tot Ion	Ratio	Resp	Lower	Upper
252	100	869996		
253	22.1	17.2	25.8	
125	14.1	9.0	13.6	

Manual Integrations
APPROVED

sohil
5/10/2016 11:06:00 AM



#90

Dibenzo(a,h)anthracene

Concen: 36.73 ng

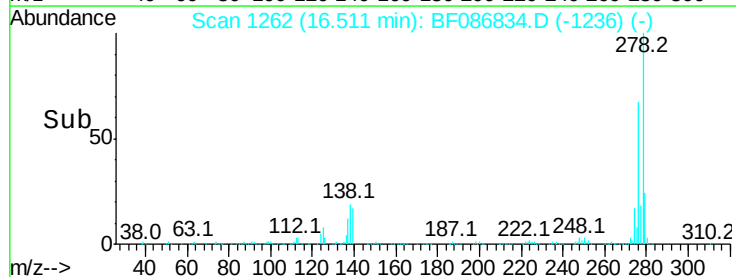
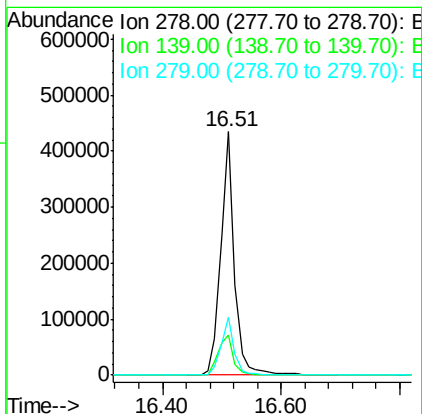
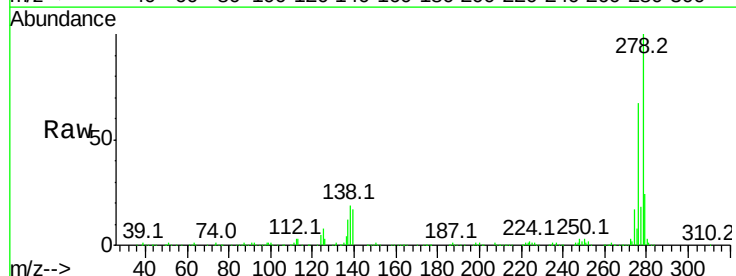
RT: 16.51 min Scan# 1262

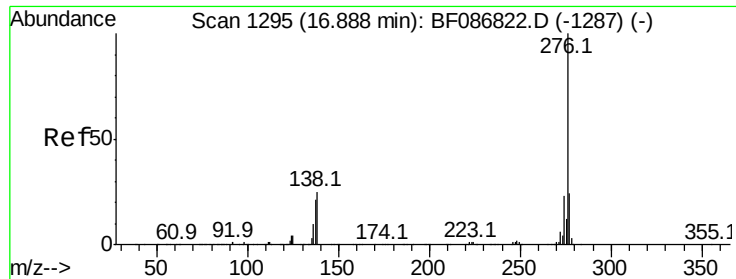
Delta R.T. 0.00 min

Lab File: BF086834.D

Acq: 9 May 2016 21:36

Tgt Ion	Ratio	Resp	Lower	Upper
278	100	696476		
139	16.7	16.6	24.8	
279	23.7	19.6	29.4	





#91
 Benzo(a,h,i)perylene
 Concen: 36.39 ng
 RT: 16.89 min Scan# 1295
 Delta R.T. 0.00 min
 Lab File: BF086834.D
 Acq: 9 May 2016 21:36

Instrument :
 BNA_F
 ClientSampleId :
 PB90374BS

Tot Ion	Ratio	Resp Lower	Upper
276	100		
277	23.6	19.6	29.4
138	21.9	23.6	35.4

Manual Integrations
 APPROVED

sohil
 5/10/2016 11:06:00 AM

