

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050916\
 Data File : BF086826.D
 Acq On : 9 May 2016 15:35
 Operator : UM/SJ
 Sample : SSTDICV040
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF050916

Manual Integrations
 APPROVED

sohil
 5/10/2016 11:06:36 AM

Quant Time: May 09 16:08:09 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	174995	20.00	ng	0.00
21) Naphthalene-d8	7.98	136	744234	20.00	ng	0.00
38) Acenaphthene-d10	9.73	164	361509	20.00	ng	0.00
63) Phenanthrene-d10	11.21	188	663722	20.00	ng	0.00
75) Chrysene-d12	13.84	240	493762	20.00	ng	0.00
86) Perylene-d12	15.21	264	400991	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.29	112	841770	81.46	ng	0.00
7) Phenol-d6	6.36	99	1072849	77.69	ng	0.00
23) Nitrobenzene-d5	7.26	82	1138801	76.83	ng	0.00
41) 2,4,6-Tribromophenol	10.52	330	304789	79.64	ng	0.00
44) 2-Fluorobiphenyl	9.06	172	1507061	70.06	ng	0.00
78) Terphenyl-d14	12.80	244	1756237	75.47	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.18	88	201247	39.67	ng	# 72
3) Pyridine	2.85	79	538788	43.44	ng	# 59
4) n-Nitrosodimethylamine	2.81	42	367789	40.90	ng	# 49
6) Aniline	6.36	93	652284	39.05	ng	# 68
8) 2-Chlorophenol	6.49	128	478846	38.40	ng	99
9) Benzaldehyde	6.24	77	295193	36.91	ng	94
10) Phenol	6.37	94	608622	37.08	ng	79
11) bis(2-Chloroethyl)ether	6.44	93	518535	40.51	ng	93
12) 1,3-Dichlorobenzene	6.62	146	500189	37.07	ng	# 89
13) 1,4-Dichlorobenzene	6.70	146	508427	36.95	ng	# 91
14) 1,2-Dichlorobenzene	6.86	146	483481	40.31	ng	99
15) Benzyl Alcohol	6.85	79	379066	39.75	ng	# 87
16) 2,2'-oxybis(1-Chloropropan	6.98	45	1027892	36.94	ng	60
17) 2-Methylphenol	6.98	107	396953	40.01	ng	# 84
18) Hexachloroethane	7.21	117	197465	38.14	ng	# 78
19) n-Nitroso-di-n-propylamine	7.13	70	404087	41.87	ng	# 76
20) 3+4-Methylphenols	7.14	107	516457	39.85	ng	# 57
22) Acetophenone	7.12	105	670453	38.14	ng	# 98
24) Nitrobenzene	7.29	77	597164	39.17	ng	98
25) Isophorone	7.53	82	1020359	37.10	ng	98
26) 2-Nitrophenol	7.61	139	272344	40.64	ng	97
27) 2,4-Dimethylphenol	7.65	122	395488	34.64	ng	88
28) bis(2-Chloroethoxy)methane	7.74	93	594320	40.07	ng	98
29) 2,4-Dichlorophenol	7.86	162	379566	37.77	ng	91
30) 1,2,4-Trichlorobenzene	7.93	180	430508	38.32	ng	99
31) Naphthalene	8.01	128	1405057	37.69	ng	100
32) Benzoic acid	7.81	122	292695	43.65	ng	# 80
33) 4-Chloroaniline	8.06	127	576228	39.78	ng	# 92
34) Hexachlorobutadiene	8.12	225	247759	38.01	ng	99
35) Caprolactam	8.45	113	126900	37.12	ng	# 50
36) 4-Chloro-3-methylphenol	8.57	107	463421	38.03	ng	96
37) 2-Methylnaphthalene	8.69	142	867551	39.81	ng	97
39) 1,2,4,5-Tetrachlorobenzene	8.86	216	384794	36.61	ng	99
40) Hexachlorocyclopentadiene	8.84	237	194070	38.90	ng	97

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050916\
 Data File : BF086826.D
 Acq On : 9 May 2016 15:35
 Operator : UM/SJ
 Sample : SSTDICV040
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF050916

Manual Integrations
 APPROVED

sohil
 5/10/2016 11:06:36 AM

Quant Time: May 09 16:08:09 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	263106	37.43	nq	96
43) 2,4,5-Trichlorophenol	9.02	196	286915	39.47	nq	# 88
45) 1,1'-Biphenyl	9.16	154	1184387	41.19	nq	98
46) 2-Chloronaphthalene	9.18	162	904964	40.17	nq	99
47) 2-Nitroaniline	9.29	65	308998	37.53	nq	# 73
48) Acenaphthylene	9.60	152	1367186	41.26	nq	99
49) Dimethylphthalate	9.47	163	1029824	37.34	nq	100
50) 2,6-Dinitrotoluene	9.53	165	218596	37.66	nq	# 70
51) Acenaphthene	9.77	154	861115	41.78	nq	98
52) 3-Nitroaniline	9.70	138	234580	38.39	nq	# 76
53) 2,4-Dinitrophenol	9.81	184	104295	39.47	nq	# 85
54) Dibenzofuran	9.94	168	1106024	41.80	nq	98
55) 4-Nitrophenol	9.89	139	157536	41.02	nq	85
56) 2,4-Dinitrotoluene	9.94	165	282872	39.38	nq	85
57) Fluorene	10.28	166	928962	41.17	nq	100
58) 2,3,4,6-Tetrachlorophenol	10.06	232	220636	40.32	nq	98
59) Diethylphthalate	10.17	149	1077977	40.11	nq	97
60) 4-Chlorophenyl-phenylether	10.27	204	390532	38.32	nq	98
61) 4-Nitroaniline	10.32	138	247896	42.24	nq	# 71
62) Azobenzene	10.43	77	1127392	38.88	nq	87
64) 4,6-Dinitro-2-methylphenol	10.34	198	157205	38.13	nq	# 31
65) n-Nitrosodiphenylamine	10.40	169	775870	38.05	nq	99
66) 4-Bromophenyl-phenylether	10.76	248	277346	41.21	nq	# 85
67) Hexachlorobenzene	10.82	284	285072	36.25	nq	# 71
68) Atrazine	10.93	200	271659	39.88	nq	96
69) Pentachlorophenol	11.02	266	158507	43.61	nq	96
70) Phenanthrene	11.23	178	1244515	35.14	nq	99
71) Anthracene	11.29	178	1463056	40.39	nq	100
72) Carbazole	11.45	167	1205263	38.70	nq	98
73) Di-n-butylphthalate	11.78	149	1489820	39.18	nq	# 99
74) Fluoranthene	12.42	202	1496210	41.07	nq	93
76) Benzidine	12.54	184	544842	43.28	nq	99
77) Pyrene	12.64	202	1383006	36.59	nq	99
79) Butylbenzylphthalate	13.27	149	587006	36.71	nq	# 67
80) Benzo(a)anthracene	13.83	228	1036508	37.39	nq	99
81) 3,3'-Dichlorobenzidine	13.80	252	703881	39.97	nq	# 94
82) Chrysene	13.86	228	996875	35.36	nq	99
83) Bis(2-ethylhexyl)phthalate	13.83	149	713609	37.10	nq	# 97
84) Di-n-octyl phthalate	14.43	149	1228162	38.55	nq	# 84
85) Indeno(1,2,3-cd)pyrene	16.50	276	886737	37.80	nq	95
87) Benzo(b)fluoranthene	14.83	252	952424m	36.55	nq	
88) Benzo(k)fluoranthene	14.85	252	847911m	39.74	nq	
89) Benzo(a)pyrene	15.15	252	847586	37.71	nq	# 96
90) Dibenzo(a,h)anthracene	16.51	278	726532	38.35	nq	98
91) Benzo(g,h,i)perylene	16.89	276	742202	38.56	nq	94

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

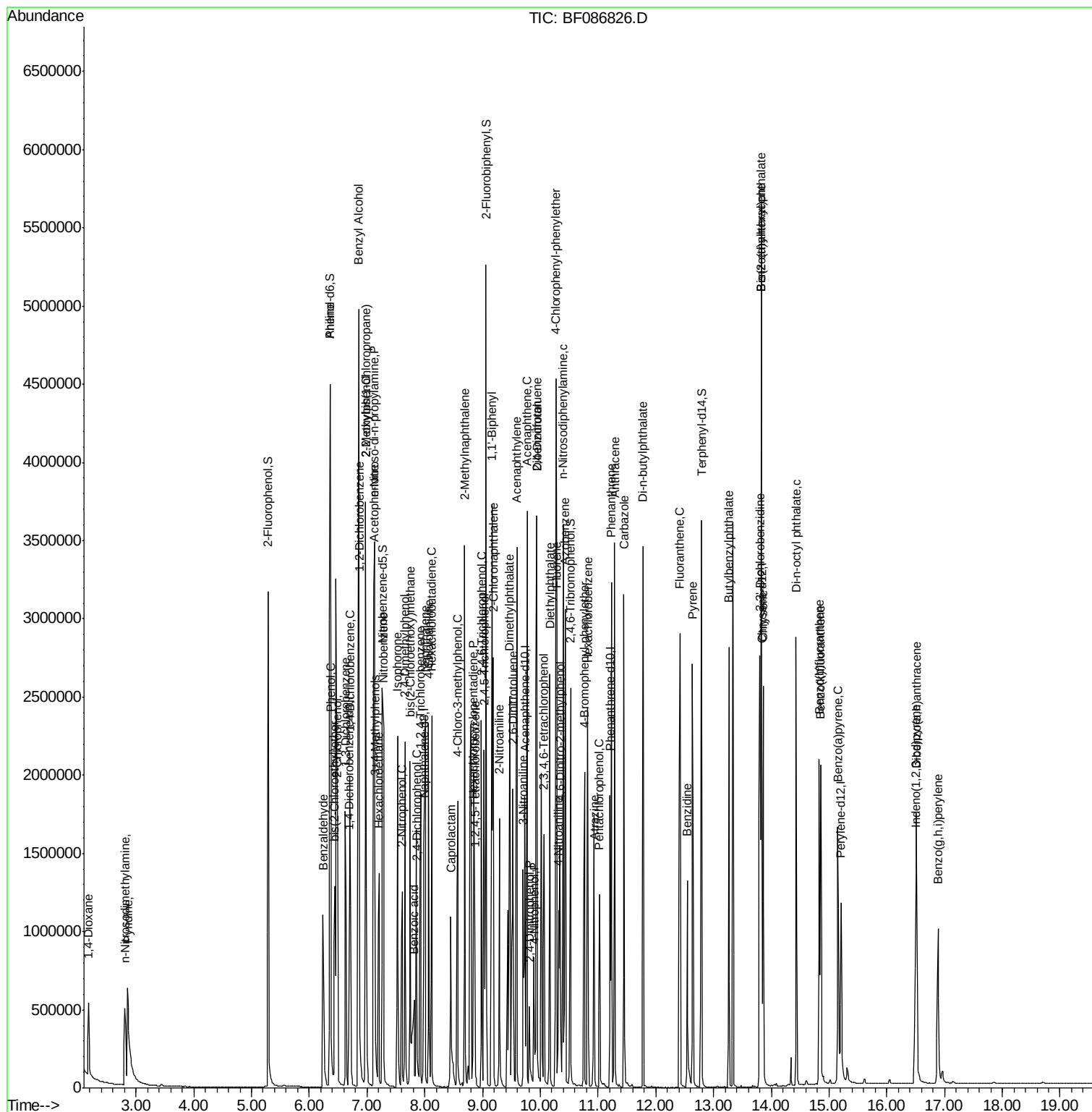
Data Path : Z:\HPCHEM1\BNA F\DATA\BF050916\
Data File : BF086826.D
Acq On : 9 May 2016 15:35
Operator : UM/SJ
Sample : SSTDICV040
Misc :
ALS Vial : 11 Sample Multiplier: 1

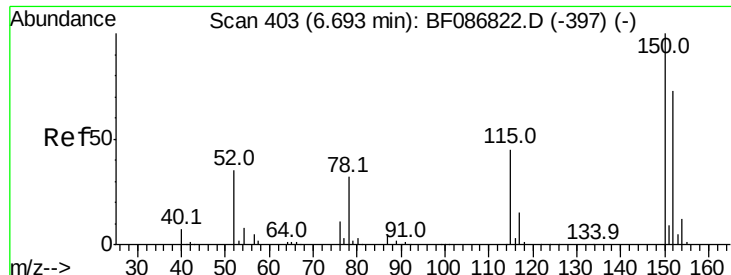
Instrument :
BNA_F
ClientSampleId :
ICVBF050916

Manual Integrations
APPROVED

sohil
5/10/2016 11:06:36 AM

Quant Time: May 09 16:08:09 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: BF086826.D

Acq: 9 May 2016 15:35

Instrument :

BNA_F

ClientSampleId :

ICVBF050916

Tot Ion:152 Resp: 174995

Ion Ratio Lower Upper

152 100

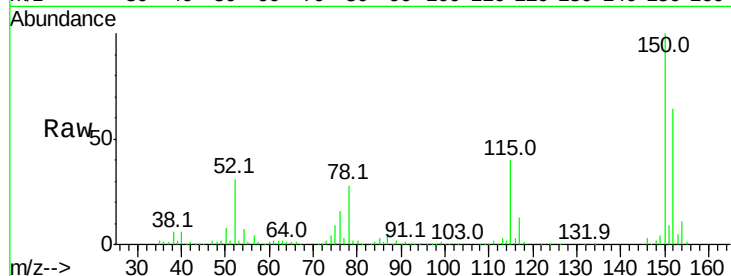
150 156.7 125.8 188.6

115 62.5 51.5 77.3

Manual Integrations
APPROVED

sohil

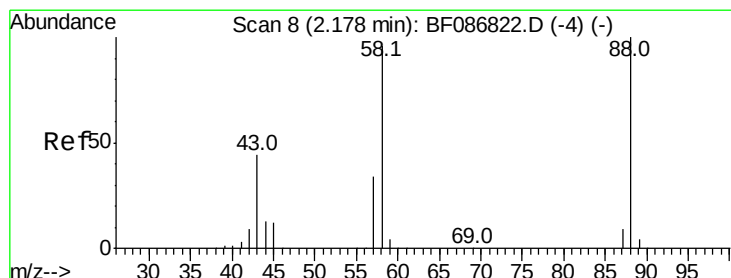
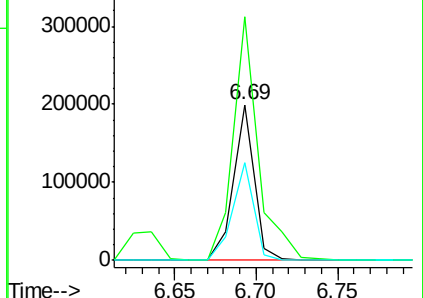
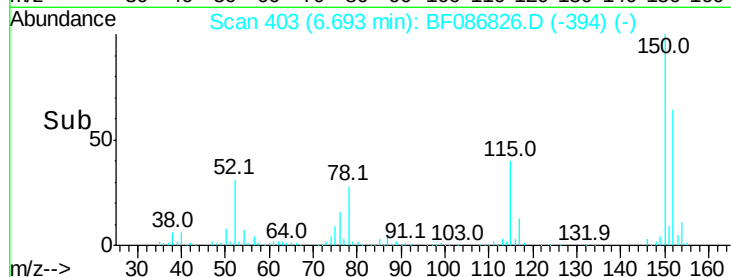
5/10/2016 11:06:36 AM



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: 39.67 ng

RT: 2.18 min Scan# 8

Delta R.T. -0.00 min

Lab File: BF086826.D

Acq: 9 May 2016 15:35

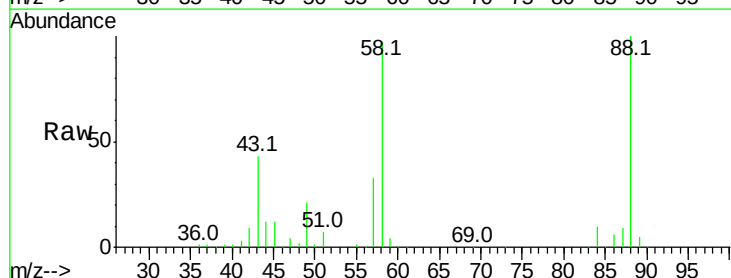
Tgt Ion: 88 Resp: 201247

Ion Ratio Lower Upper

88 100

58 97.6 59.6 89.4#

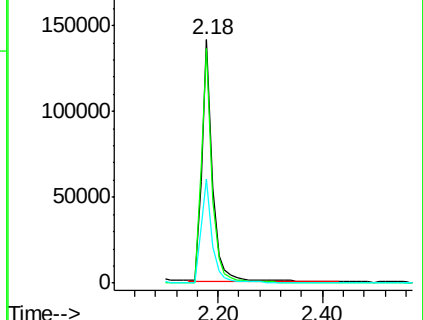
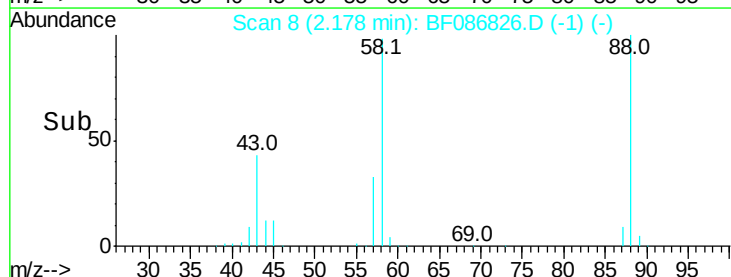
43 43.6 21.8 32.6#

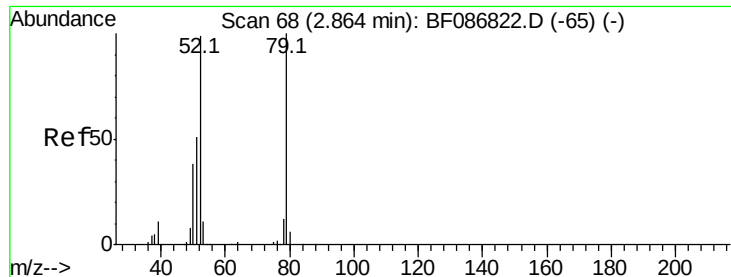


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pvridine

Concen: 43.44 ng

RT: 2.85 min Scan# 67

Delta R.T. -0.01 min

Lab File: BF086826.D

Acq: 9 May 2016 15:35

Instrument :

BNA_F

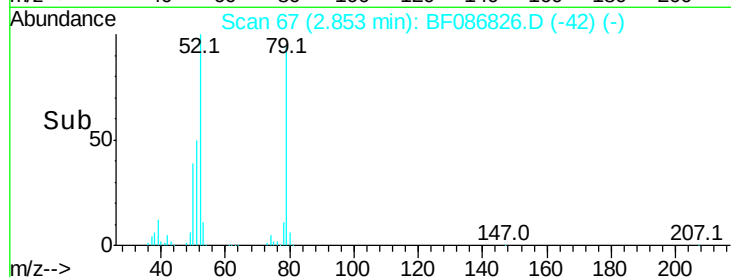
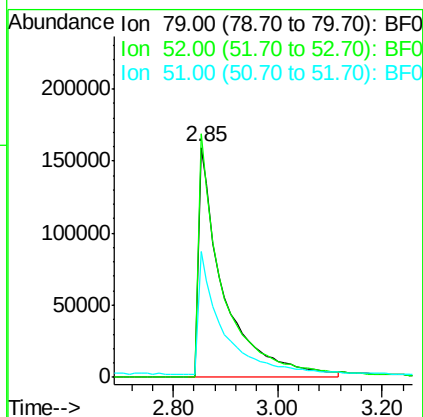
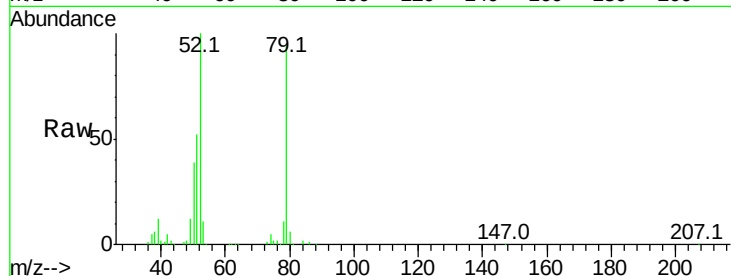
ClientSampleId :

ICVBF050916

Tot Ion	Ion	Ratio	Lower	Upper
79	100			
52	106.1	55.9	83.9#	
51	55.1	28.1	42.1#	

Manual Integrations
APPROVED

sohil
5/10/2016 11:06:36 AM



#4

n-Nitrosodimethylamine

Concen: 40.90 ng

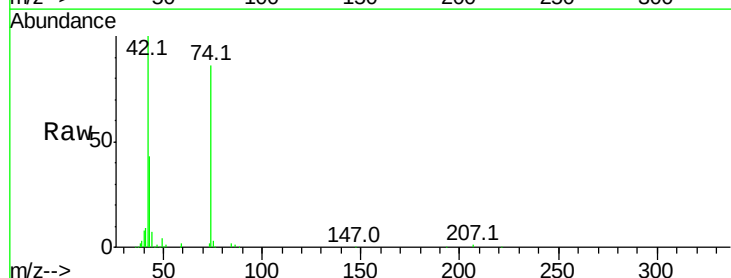
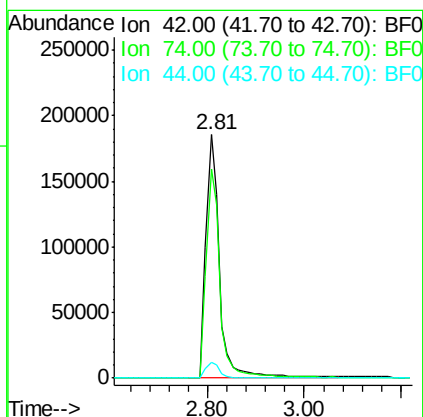
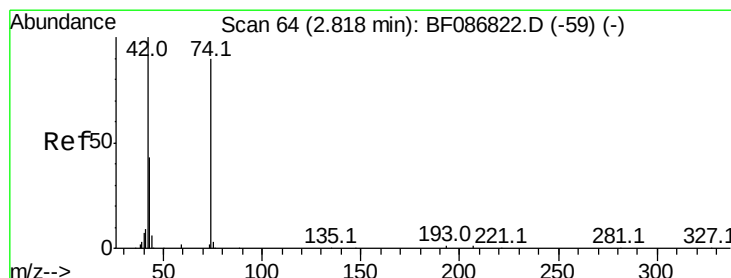
RT: 2.81 min Scan# 63

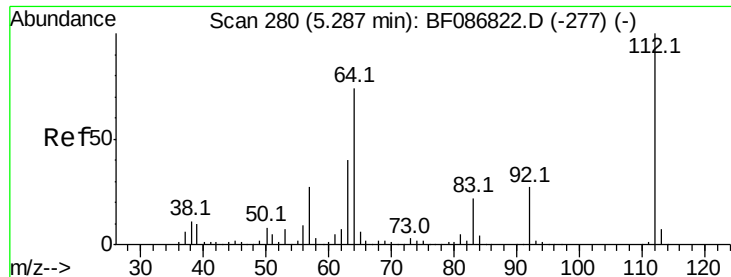
Delta R.T. -0.01 min

Lab File: BF086826.D

Acq: 9 May 2016 15:35

Tgt Ion	Ion	Ratio	Lower	Upper
42	100			
74	85.9	123.4	185.0#	
44	6.6	5.8	8.6	





#5

2-Fluorophenol

Concen: 81.46 ng

RT: 5.29 min Scan# 280

Delta R.T. 0.00 min

Lab File: BF086826.D

Acq: 9 May 2016 15:35

Instrument :

BNA_F

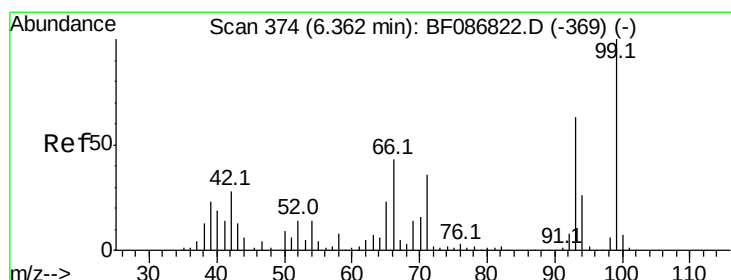
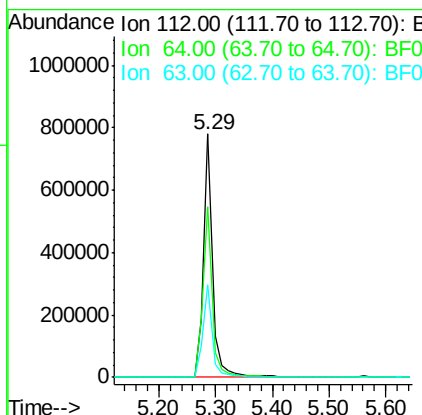
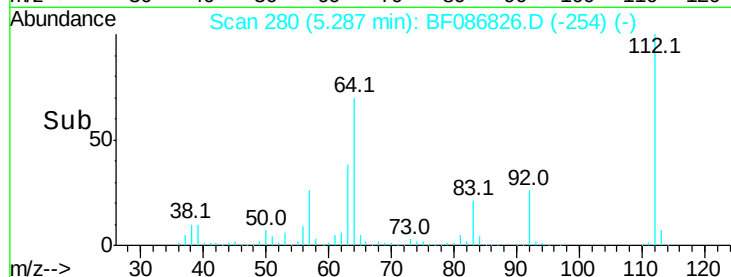
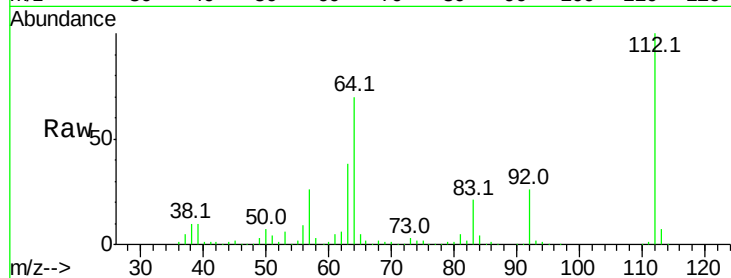
ClientSampleId :

ICVBF050916

Tot Ion:	112	Resp:	841770
Ion Ratio	Lower	Upper	
112	100		
64	70.0	52.1	78.1
63	38.0	25.7	38.5

Manual Integrations
APPROVED

sohil
5/10/2016 11:06:36 AM



#6

Aniline

Concen: 39.05 ng

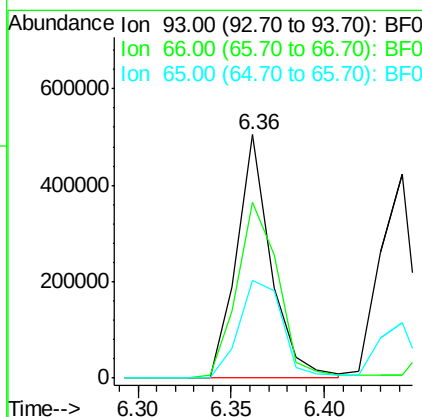
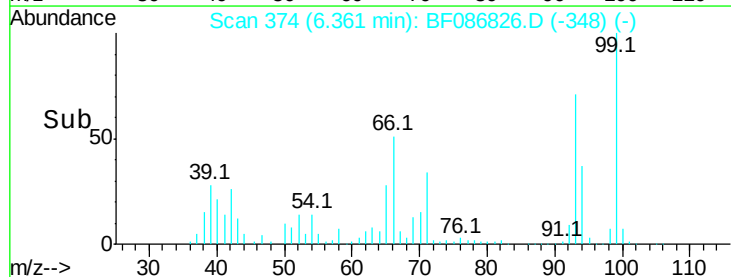
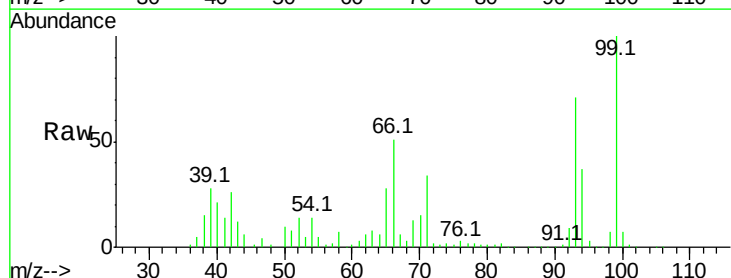
RT: 6.36 min Scan# 374

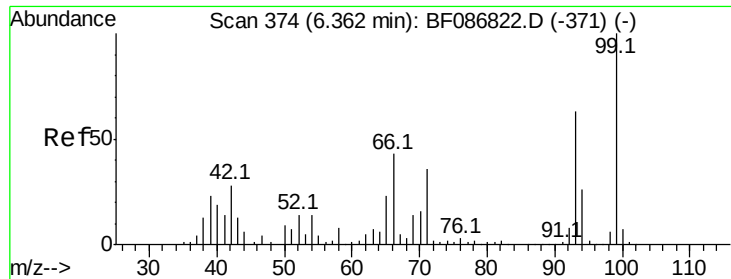
Delta R.T. -0.00 min

Lab File: BF086826.D

Acq: 9 May 2016 15:35

Tgt Ion:	93	Resp:	652284
Ion Ratio	Lower	Upper	
93	100		
66	72.3	39.0	58.6#
65	40.3	20.6	31.0#





#7

Phenol-d6

Concen: 77.69 ng

RT: 6.36 min Scan# 374

Delta R.T. -0.00 min

Lab File: BF086826.D

Acq: 9 May 2016 15:35

Instrument :

BNA_F

ClientSampleId :

ICVBF050916

Tot Ion: 99 Resp: 1072849

Ion Ratio Lower Upper

99 100

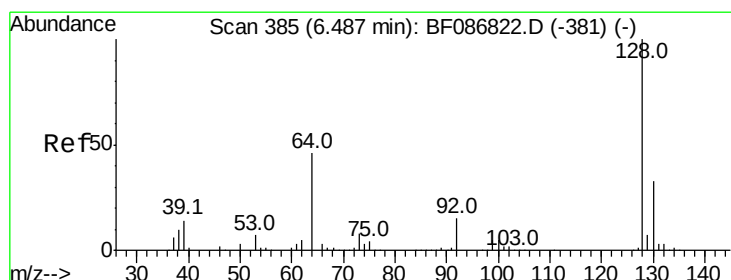
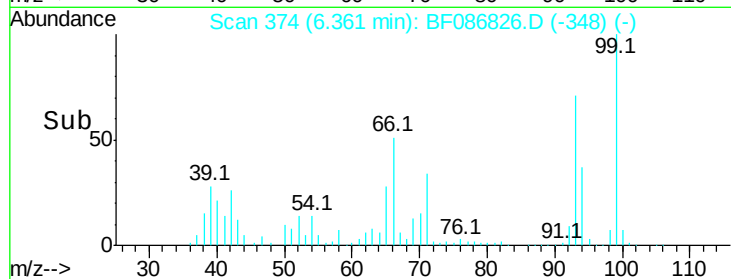
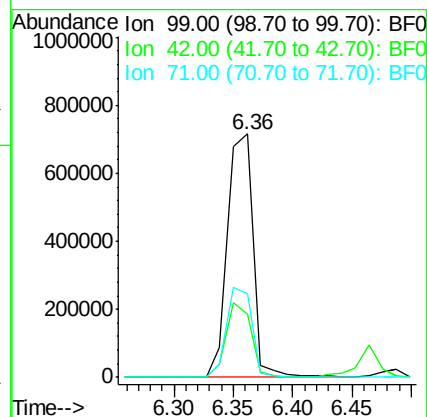
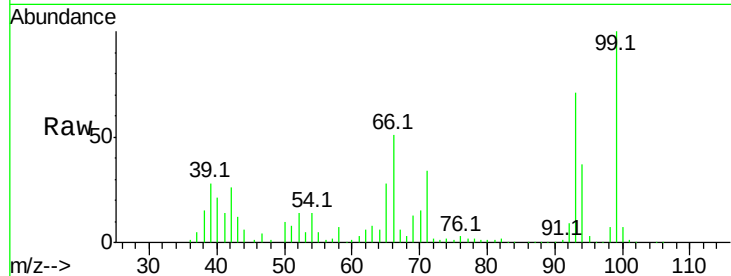
42 25.7 13.6 20.4#

71 34.3 24.6 36.8

Manual Integrations
APPROVED

sohil

5/10/2016 11:06:36 AM



#8

2-Chlorophenol

Concen: 38.40 ng

RT: 6.49 min Scan# 385

Delta R.T. -0.00 min

Lab File: BF086826.D

Acq: 9 May 2016 15:35

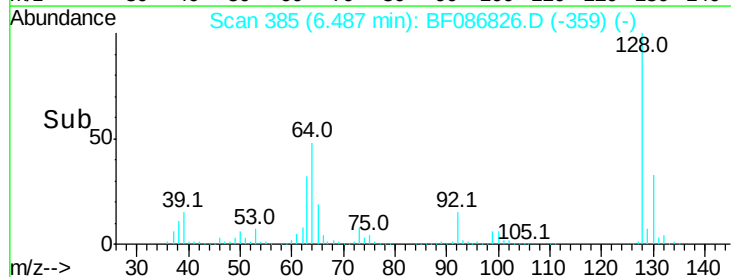
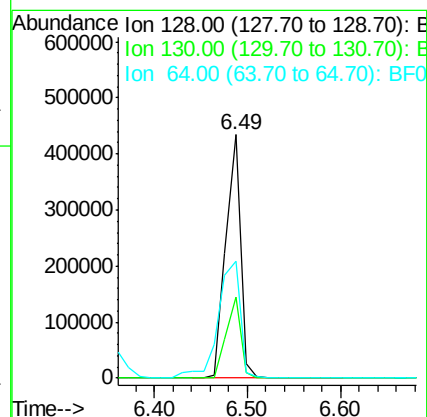
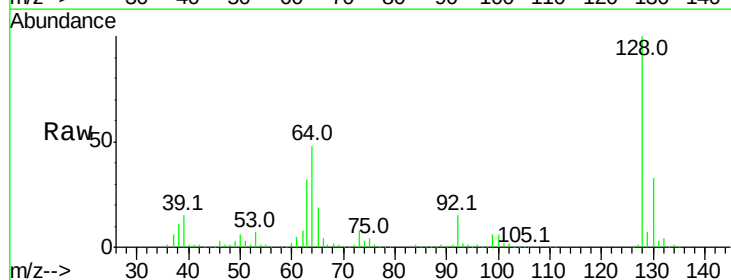
Tgt Ion: 128 Resp: 478846

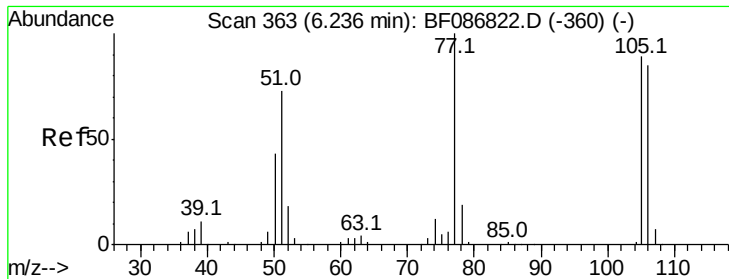
Ion Ratio Lower Upper

128 100

130 33.0 12.5 52.5

64 48.2 27.3 67.3





#9

Benzaldehyde

Concen: 36.91 ng

RT: 6.24 min Scan# 363

Delta R.T. -0.00 min

Lab File: BF086826.D

Acq: 9 May 2016 15:35

Instrument :

BNA_F

ClientSampleId :

ICVBF050916

Tot Ion: 77 Resp: 295193

Ion Ratio Lower Upper

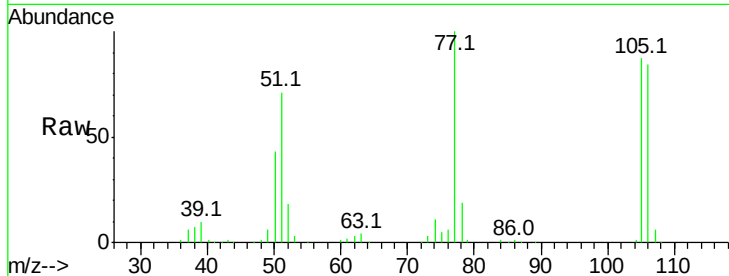
77 100

105 87.1 72.7 112.7

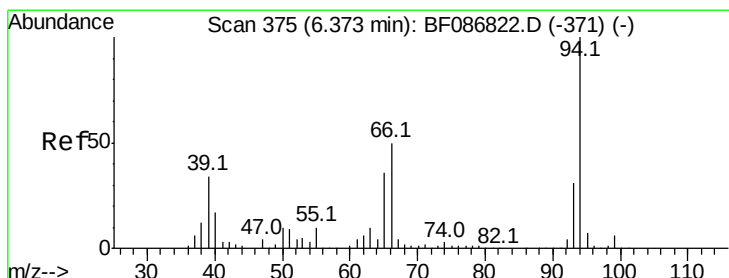
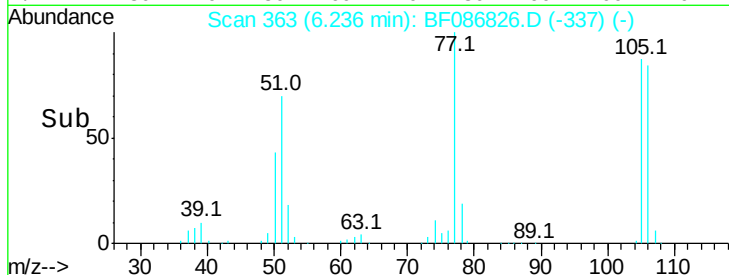
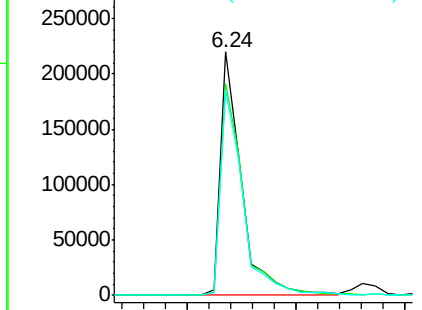
106 84.2 70.8 110.8

Manual Integrations
APPROVED

sohil
5/10/2016 11:06:36 AM



Abundance Ion 77.00 (76.70 to 77.70): BF0
Ion 105.00 (104.70 to 105.70): BF0
Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 37.08 ng

RT: 6.37 min Scan# 375

Delta R.T. -0.00 min

Lab File: BF086826.D

Acq: 9 May 2016 15:35

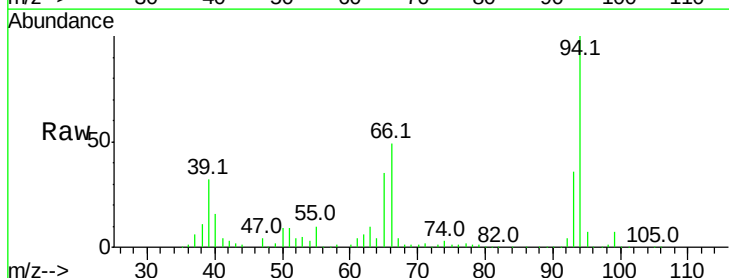
Tgt Ion: 94 Resp: 608622

Ion Ratio Lower Upper

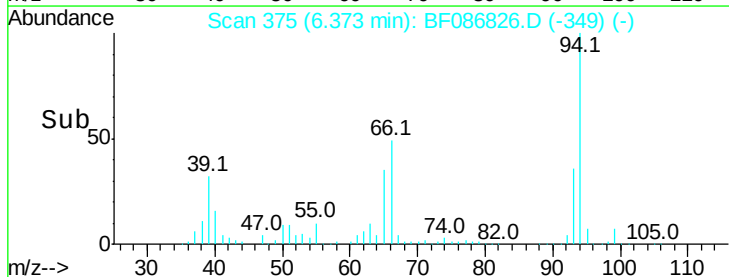
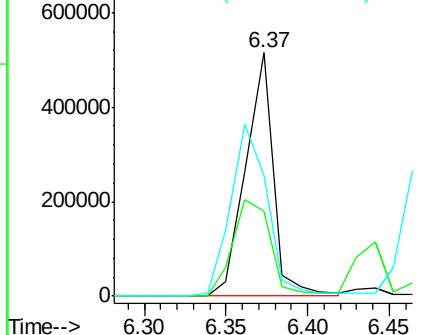
94 100

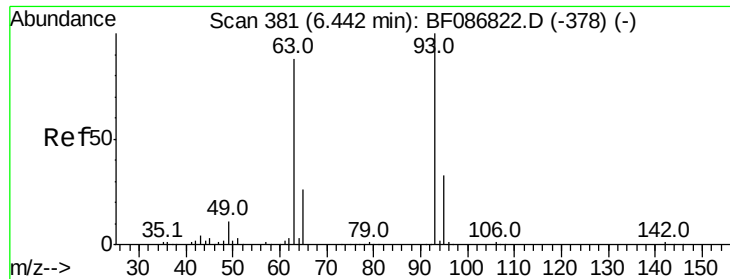
65 34.9 7.2 47.2

66 49.5 14.9 54.9



Abundance Ion 94.00 (93.70 to 94.70): BF0
Ion 65.00 (64.70 to 65.70): BF0
Ion 66.00 (65.70 to 66.70): BF0





#11

bis(2-Chloroethyl)ether

Concen: 40.51 ng

RT: 6.44 min Scan# 381

Delta R.T. -0.00 min

Lab File: BF086826.D

Acq: 9 May 2016 15:35

Instrument :

BNA_F

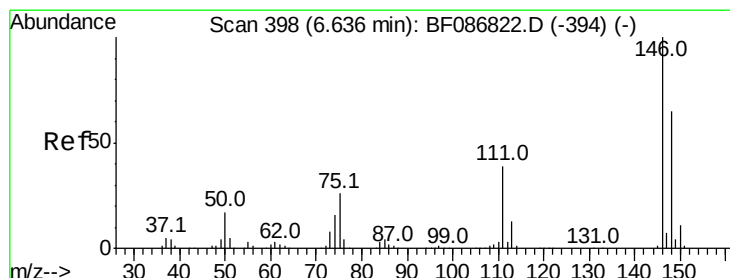
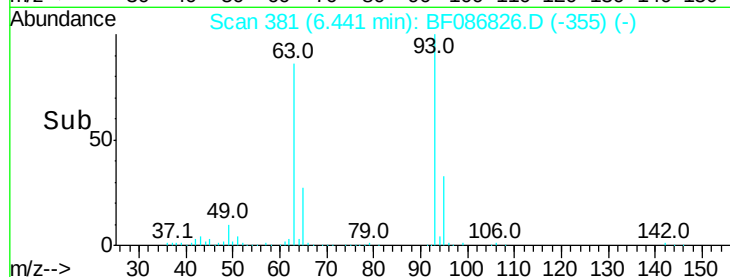
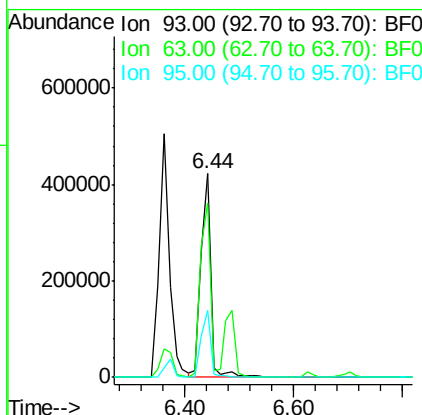
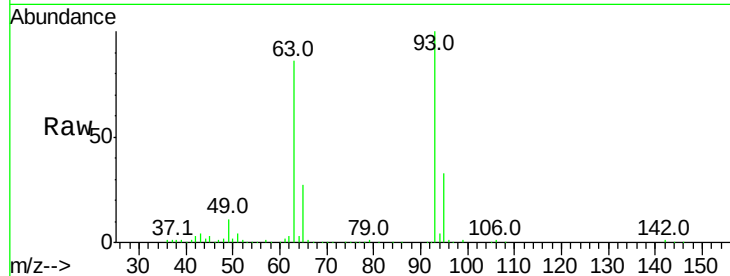
ClientSampleId :

ICVBF050916

Tot Ion:	93	Resp:	518535
Ion Ratio	Lower	Upper	
93	100		
63	86.0	58.0	98.0
95	32.8	11.9	51.9

Manual Integrations
APPROVED

sohil
5/10/2016 11:06:36 AM



#12

1,3-Dichlorobenzene

Concen: 37.07 ng

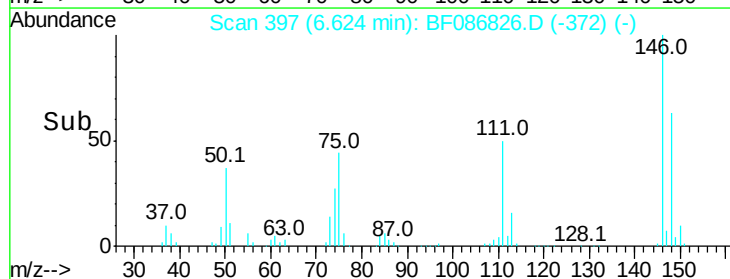
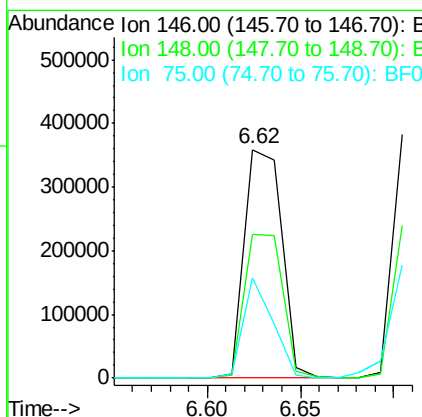
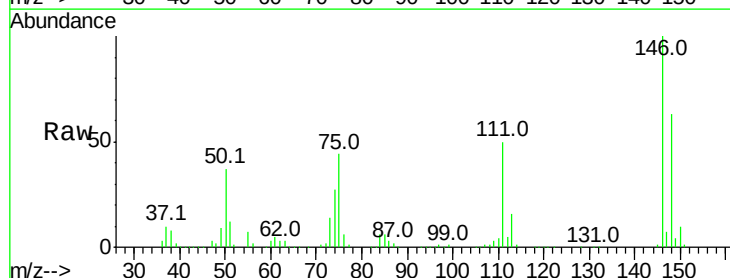
RT: 6.62 min Scan# 397

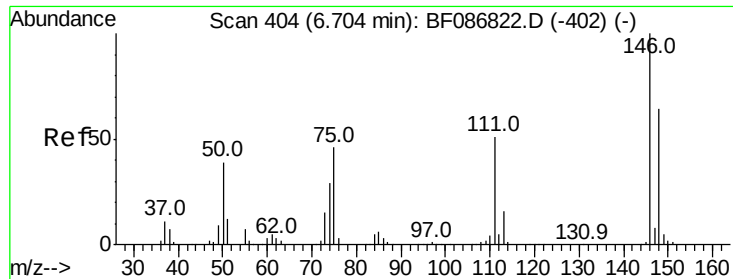
Delta R.T. -0.01 min

Lab File: BF086826.D

Acq: 9 May 2016 15:35

Tgt Ion:	146	Resp:	500189
Ion Ratio	Lower	Upper	
146	100		
148	62.7	52.4	78.6
75	43.9	22.8	34.2#





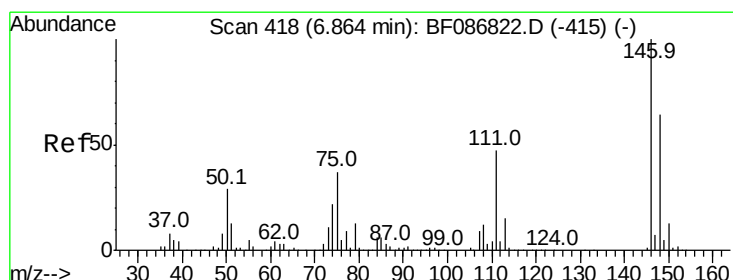
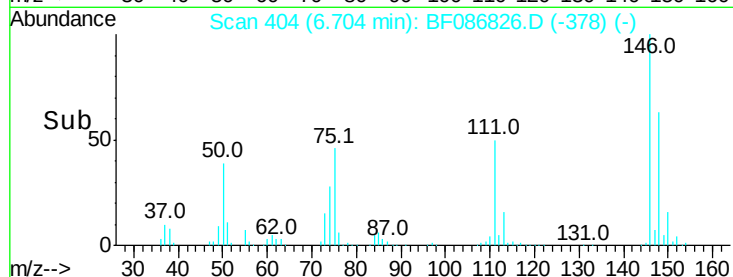
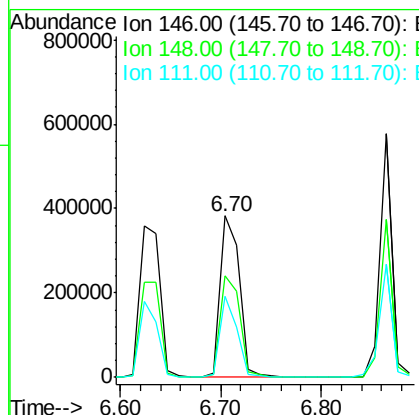
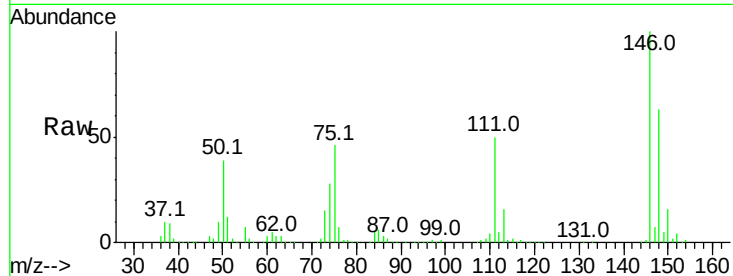
#13
 1,4-Dichlorobenzene
 Concen: 36.95 ng
 RT: 6.70 min Scan# 404
 Delta R.T. -0.00 min
 Lab File: BF086826.D
 Acq: 9 May 2016 15:35

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF050916

Tot Ion	Ratio	Resp	Lower	Upper
146	100	508427		
148	62.8		52.2	78.4
111	49.9		30.7	46.1

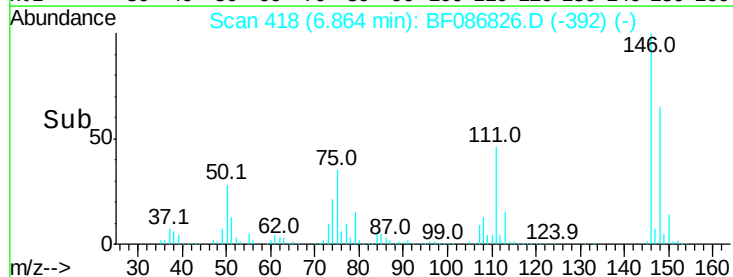
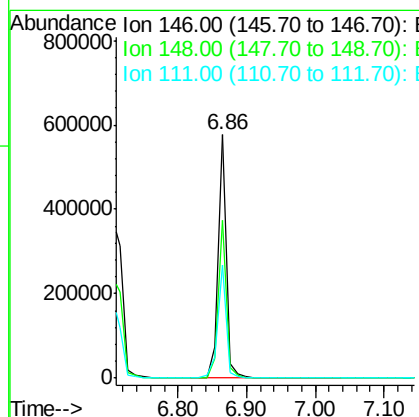
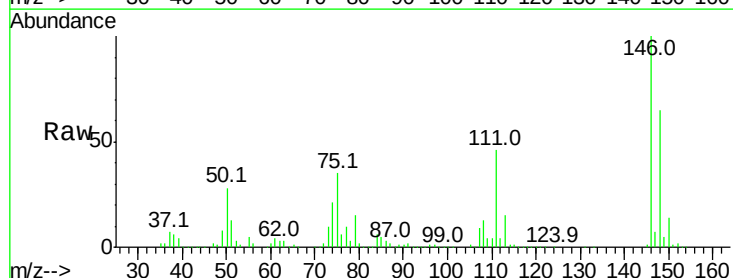
Manual Integrations
 APPROVED

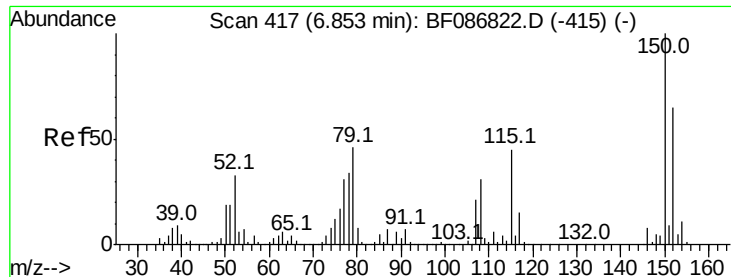
sohil
 5/10/2016 11:06:36 AM



#14
 1,2-Dichlorobenzene
 Concen: 40.31 ng
 RT: 6.86 min Scan# 418
 Delta R.T. -0.00 min
 Lab File: BF086826.D
 Acq: 9 May 2016 15:35

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	483481		
148	64.8		51.0	76.6
111	46.5		36.2	54.4





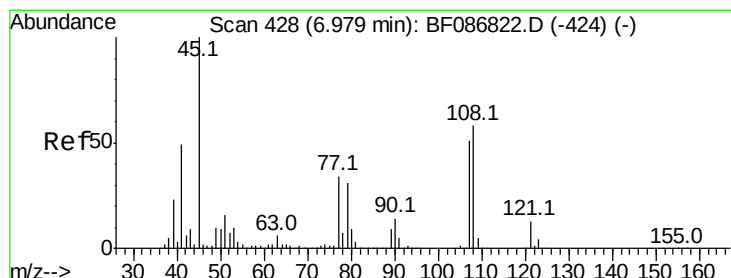
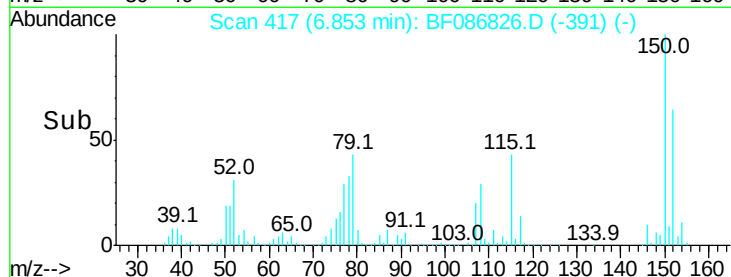
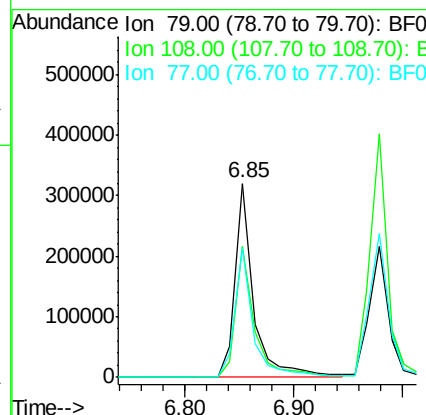
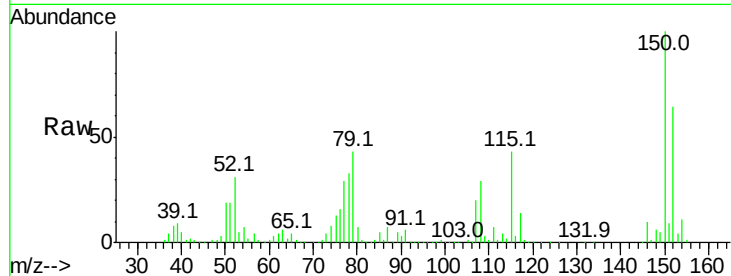
#15
Benzyl Alcohol
Concen: 39.75 ng
RT: 6.85 min Scan# 417
Delta R.T. -0.00 min
Lab File: BF086826.D
Acq: 9 May 2016 15:35

Instrument :
BNA_F
ClientSampled :
ICVBF050916

Tot Ion	Ion	Ratio	Resp	Lower	Upper
79	100				
108	67.3	68.4	102.6		
77	66.8	50.6	76.0		

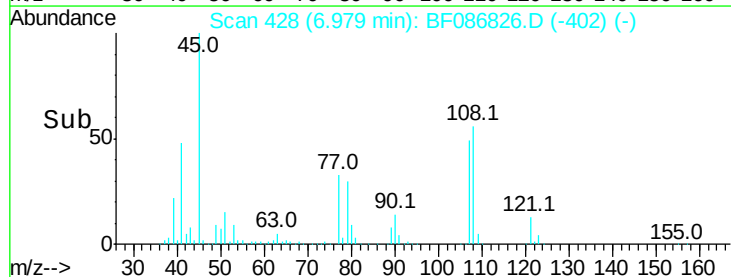
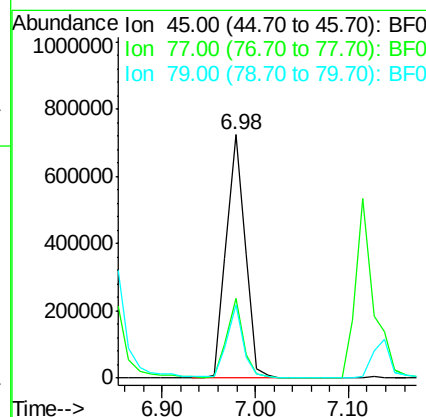
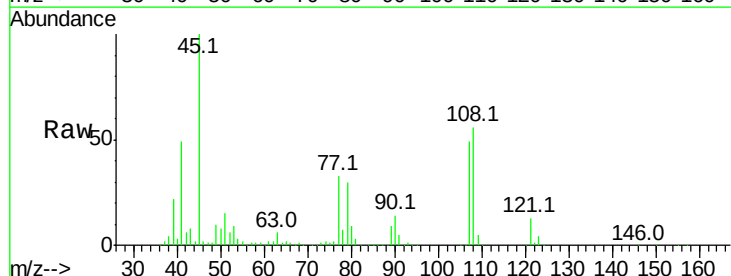
Manual Integrations
APPROVED

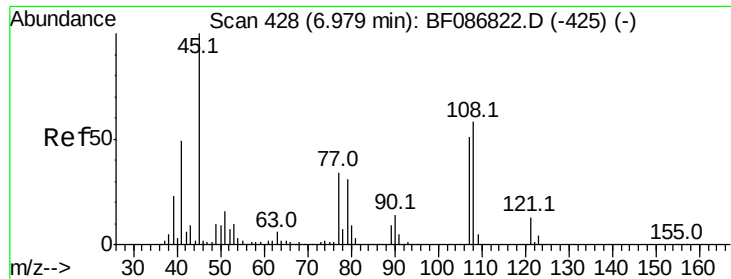
sohil
5/10/2016 11:06:36 AM



#16
2,2'-oxybis(1-Chloropropane)
Concen: 36.94 ng
RT: 6.98 min Scan# 428
Delta R.T. -0.00 min
Lab File: BF086826.D
Acq: 9 May 2016 15:35

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
45	100				
77	32.9	0.0	36.4		
79	30.0	0.0	33.4		





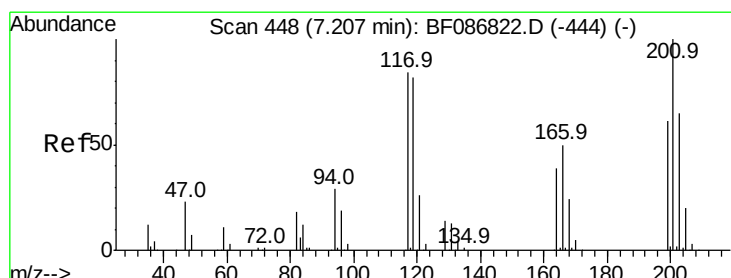
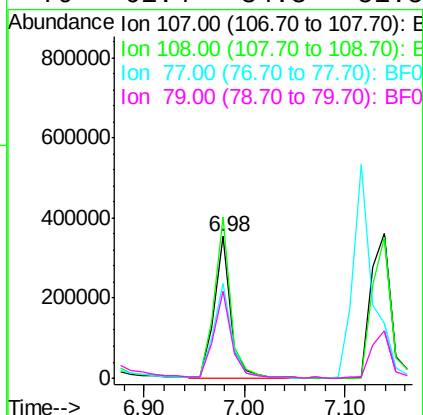
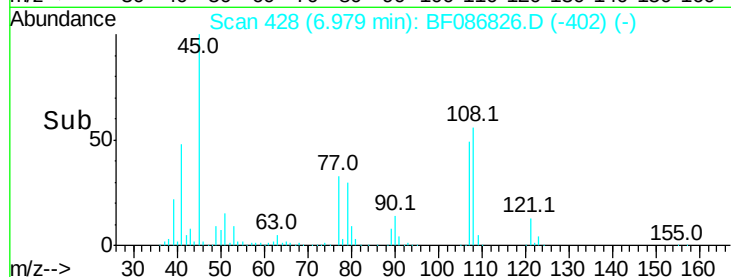
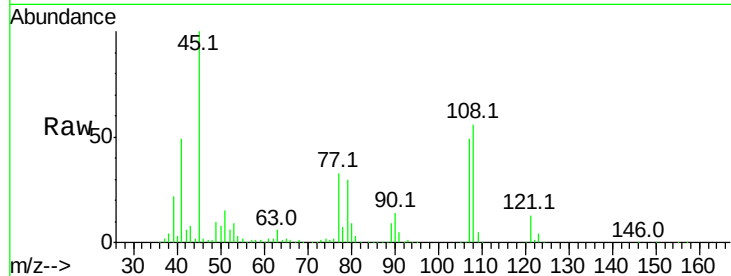
#17
2-Methylphenol
Concen: 40.01 ng
RT: 6.98 min Scan# 428
Delta R.T. -0.00 min
Lab File: BF086826.D
Acq: 9 May 2016 15:35

Instrument :
BNA_F
ClientSampleId :
ICVBF050916

Tot Ion	Ion	Ratio	Resp	Lower	Upper
107	100		396953		
108	113.7	93.7	140.5		
77	67.3	33.4	50.0#		
79	61.4	34.3	51.5#		

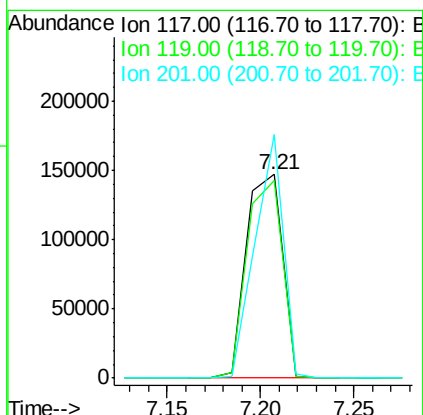
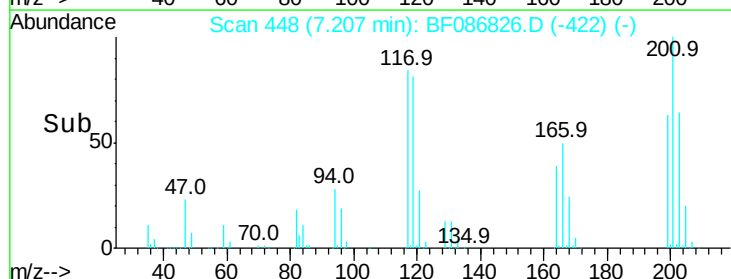
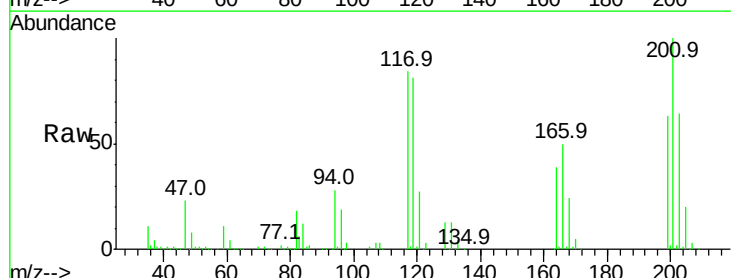
Manual Integrations
APPROVED

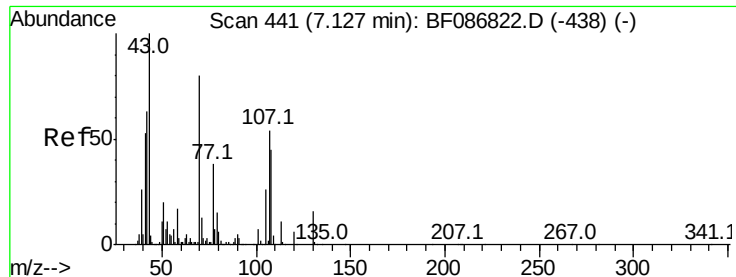
sohil
5/10/2016 11:06:36 AM



#18
Hexachloroethane
Concen: 38.14 ng
RT: 7.21 min Scan# 448
Delta R.T. -0.00 min
Lab File: BF086826.D
Acq: 9 May 2016 15:35

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
117	100		197465		
119	96.9	76.5	114.7		
201	119.6	63.0	94.6#		





#19

n-Nitroso-di-n-propylamine

Concen: 41.87 ng

RT: 7.13 min Scan# 441

Delta R.T. -0.00 min

Lab File: BF086826.D

Acq: 9 May 2016 15:35

Instrument :

BNA_F

ClientSampleId :

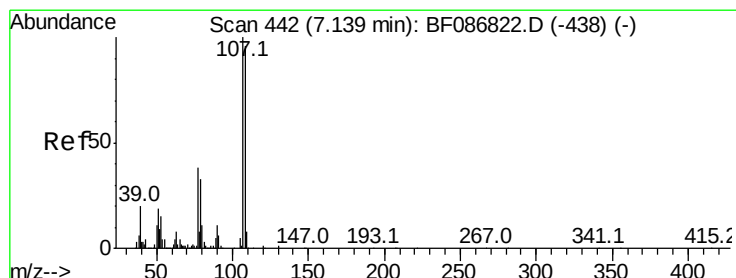
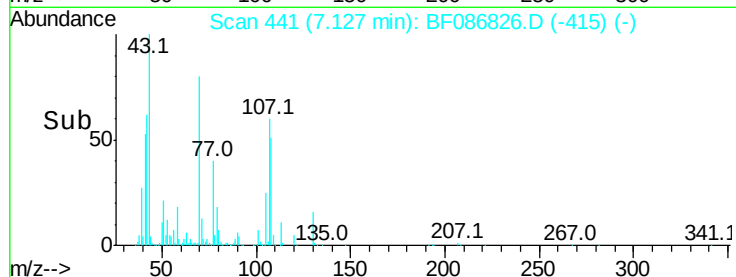
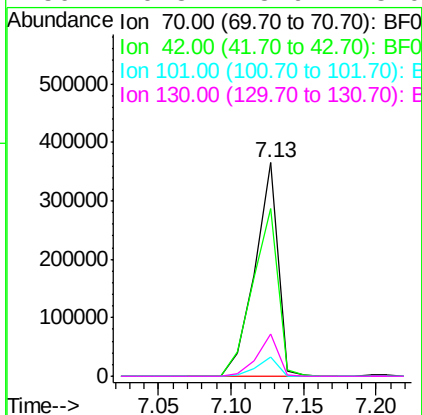
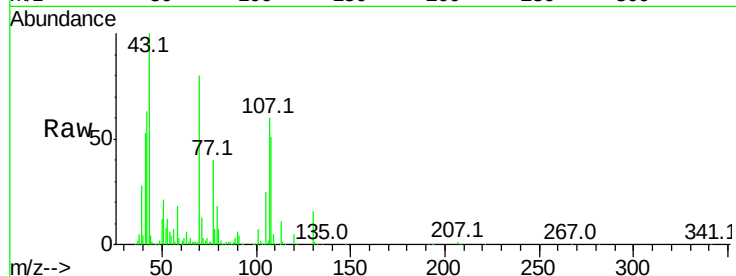
ICVBF050916

Tot Ion: 70 Resp: 404087
Ion Ratio Lower Upper

70	100		
42	78.6	43.1	64.7#
101	9.2	8.1	12.1
130	19.8	18.6	28.0

Manual Integrations
APPROVED

sohil
5/10/2016 11:06:36 AM



#20

3+4-Methylphenols

Concen: 39.85 ng

RT: 7.14 min Scan# 442

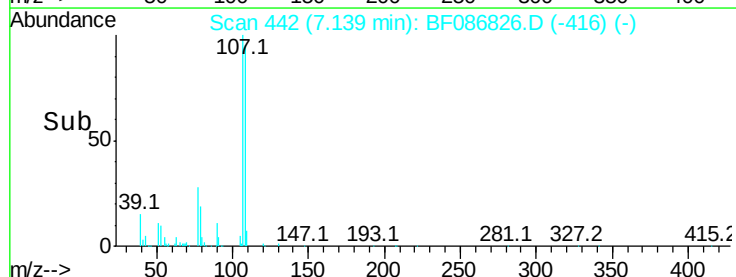
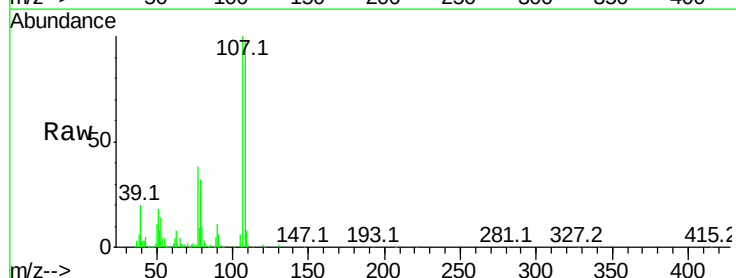
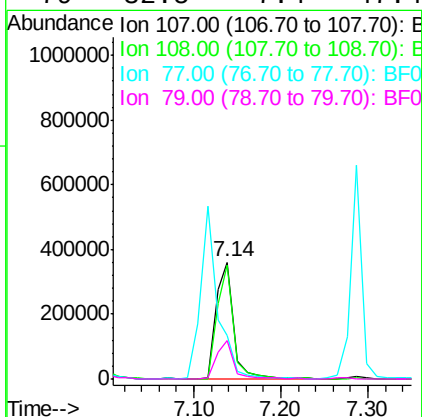
Delta R.T. -0.00 min

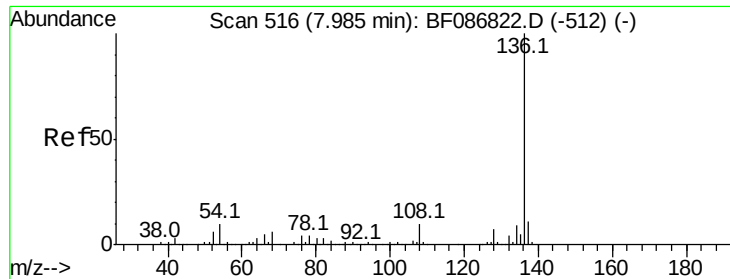
Lab File: BF086826.D

Acq: 9 May 2016 15:35

Tgt Ion: 107 Resp: 516457
Ion Ratio Lower Upper

107	100		
108	97.6	68.5	108.5
77	37.9	101.6	141.6#
79	32.5	7.4	47.4





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.98 min Scan# 516

Delta R.T. -0.00 min

Lab File: BF086826.D

Acq: 9 May 2016 15:35

Instrument :

BNA_F

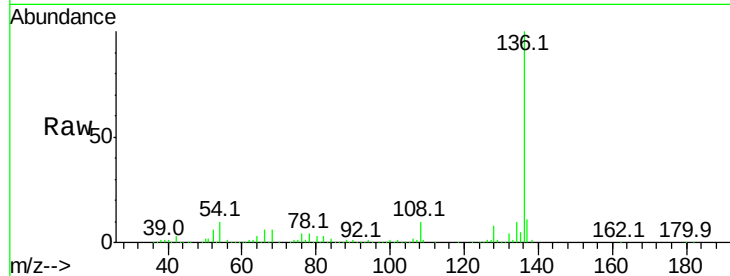
ClientSampleId :

ICVBF050916

Tot Ion	Ratio	Resp	Lower	Upper
136	100	744234		
137	10.7	8.8	13.2	
54	9.5	5.0	7.4	
68	5.7	4.4	6.6	

Manual Integrations
APPROVED

sohil
5/10/2016 11:06:36 AM



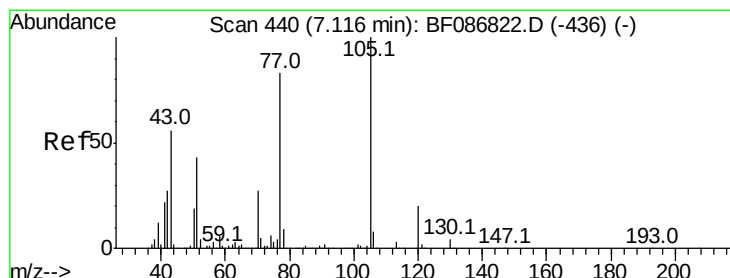
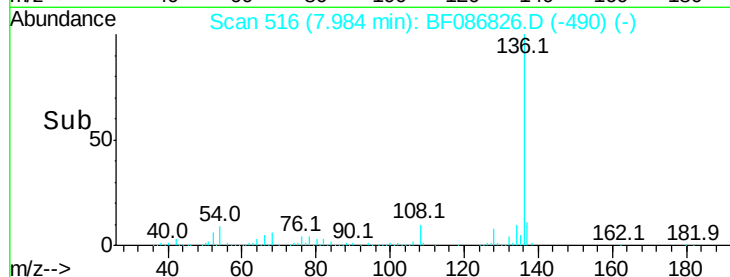
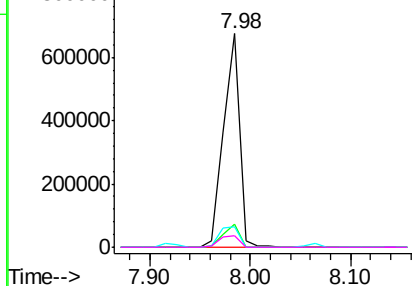
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 38.14 ng

RT: 7.12 min Scan# 440

Delta R.T. -0.00 min

Lab File: BF086826.D

Acq: 9 May 2016 15:35

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	670453		
71	4.6	4.8	7.2	
51	41.9	32.6	49.0	
120	20.8	16.5	24.7	

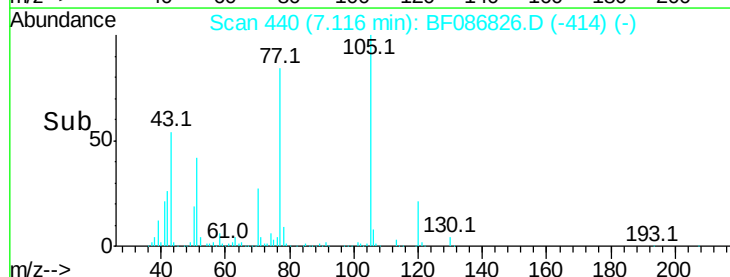
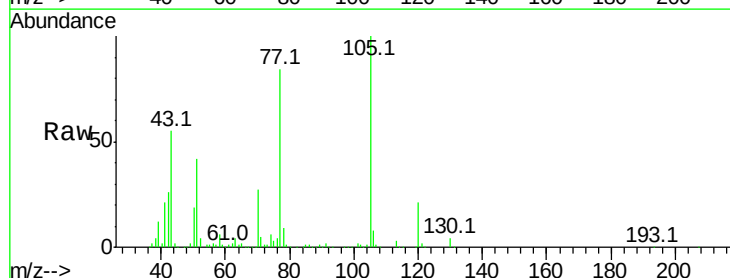
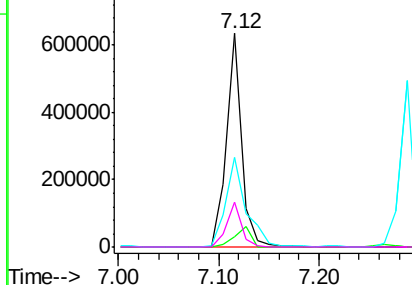
Abundance

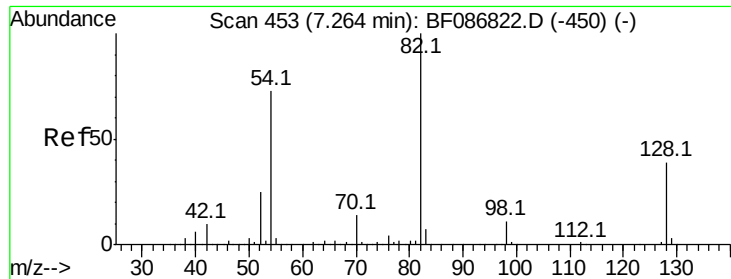
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E





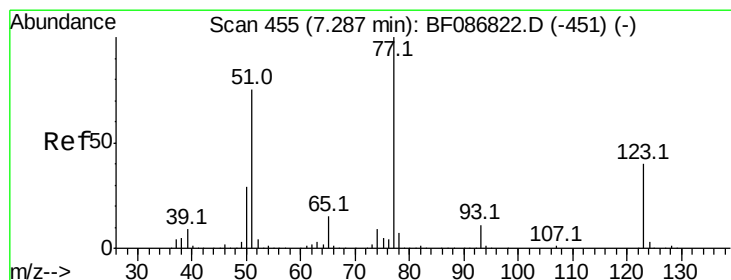
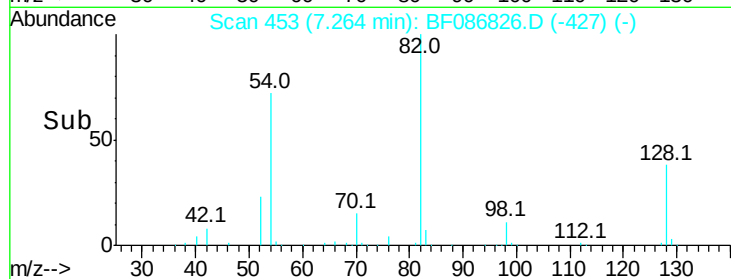
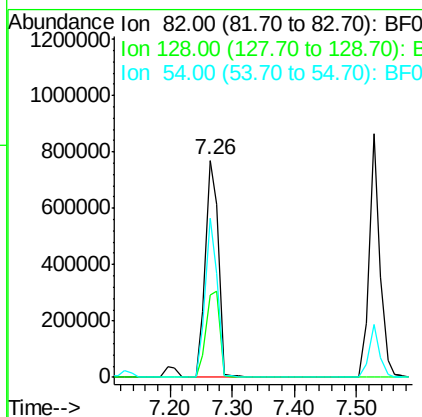
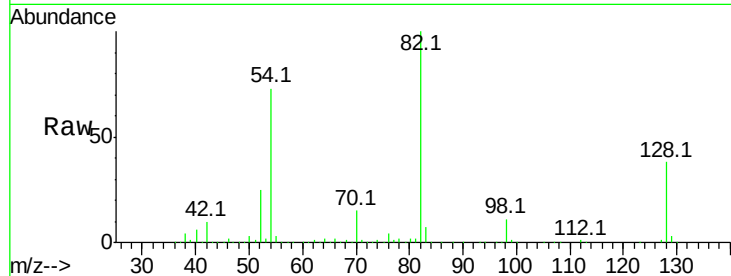
#23
 Nitrobenzene-d5
 Concen: 76.83 ng
 RT: 7.26 min Scan# 453
 Delta R.T. -0.00 min
 Lab File: BF086826.D
 Acq: 9 May 2016 15:35

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF050916

Tot Ion	Ratio	Lower	Upper
82	100		
128	37.8	40.6	61.0#
54	73.1	38.1	57.1#

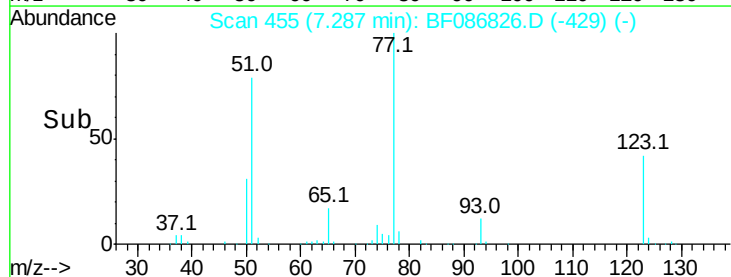
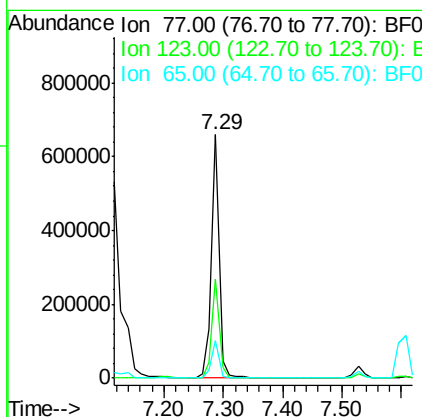
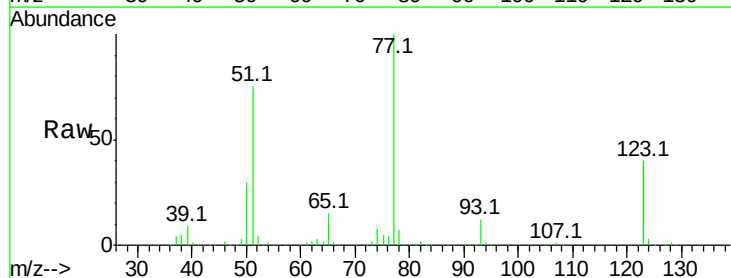
Manual Integrations
 APPROVED

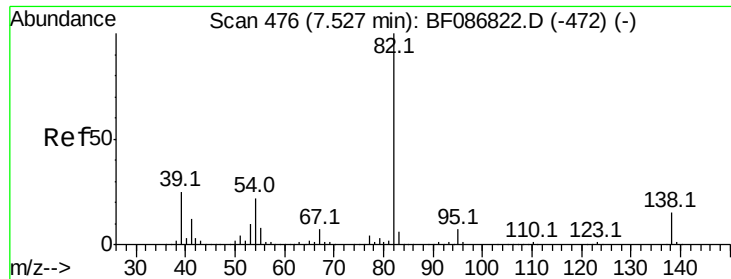
sohil
 5/10/2016 11:06:36 AM



#24
 Nitrobenzene
 Concen: 39.17 ng
 RT: 7.29 min Scan# 455
 Delta R.T. -0.00 min
 Lab File: BF086826.D
 Acq: 9 May 2016 15:35

Tgt Ion	Ratio	Lower	Upper
77	100		
123	40.4	33.0	49.4
65	15.2	10.8	16.2





#25

Isophorone

Concen: 37.10 ng

RT: 7.53 min Scan# 476

Delta R.T. -0.00 min

Lab File: BF086826.D

Acq: 9 May 2016 15:35

Instrument :

BNA_F

ClientSampleId :

ICVBF050916

Tot Ion: 82 Resp: 1020359

Ion Ratio Lower Upper

82 100

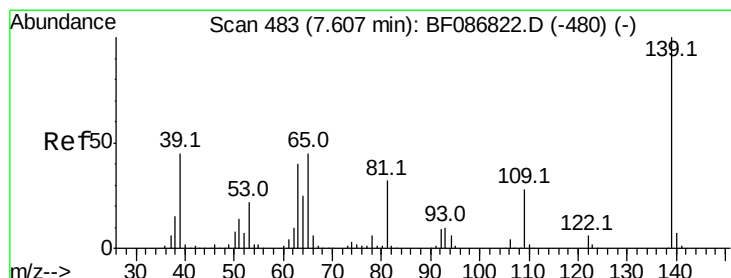
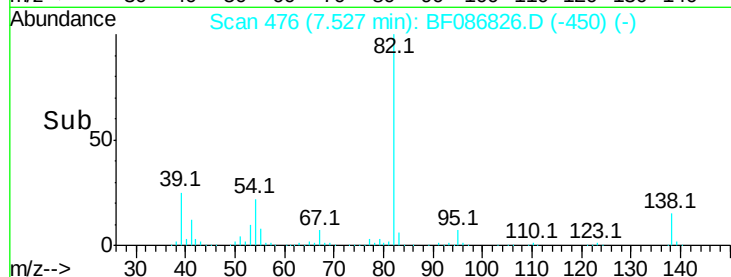
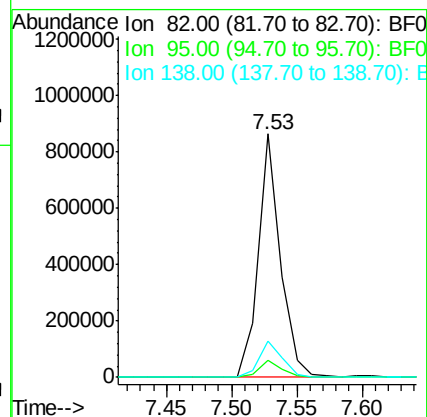
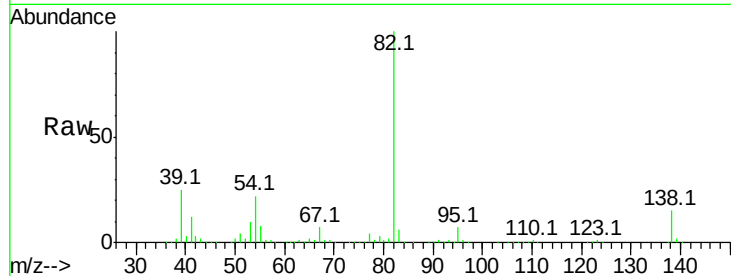
95 7.1 5.1 7.7

138 14.9 12.4 18.6

Manual Integrations
APPROVED

sohil

5/10/2016 11:06:36 AM



#26

2-Nitrophenol

Concen: 40.64 ng

RT: 7.61 min Scan# 483

Delta R.T. -0.00 min

Lab File: BF086826.D

Acq: 9 May 2016 15:35

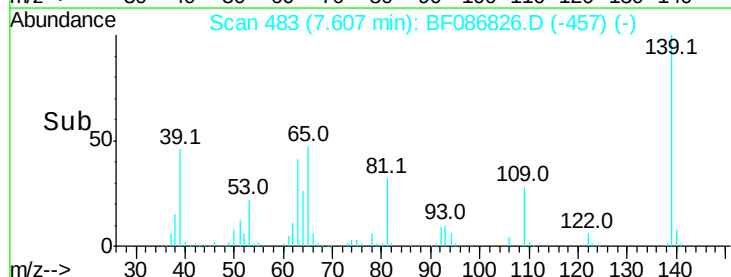
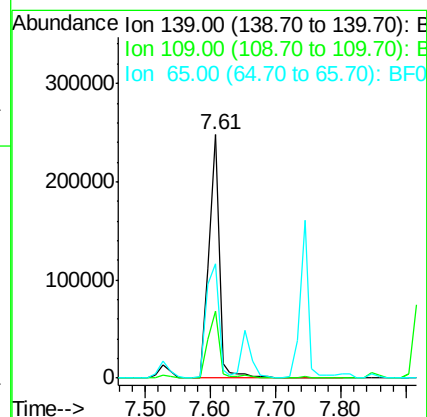
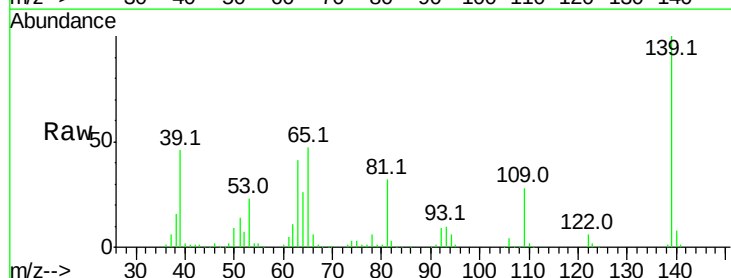
Tgt Ion: 139 Resp: 272344

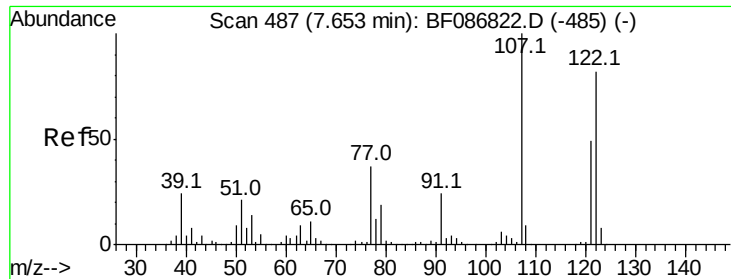
Ion Ratio Lower Upper

139 100

109 27.8 19.5 29.3

65 47.2 37.5 56.3





#27

2,4-Dimethylphenol

Concen: 34.64 ng

RT: 7.65 min Scan# 487

Delta R.T. -0.00 min

Lab File: BF086826.D

Acq: 9 May 2016 15:35

Instrument :

BNA_F

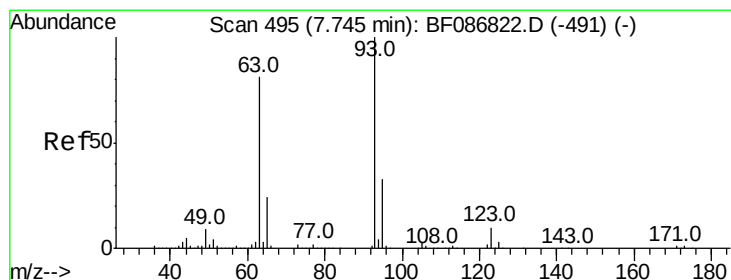
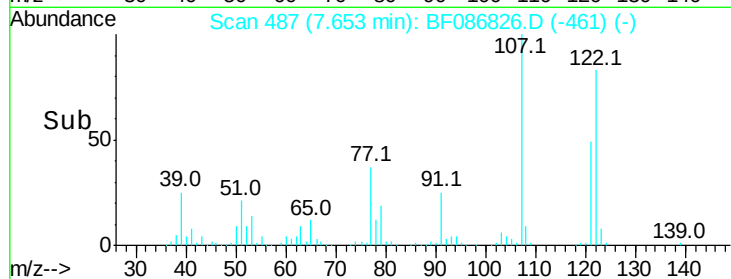
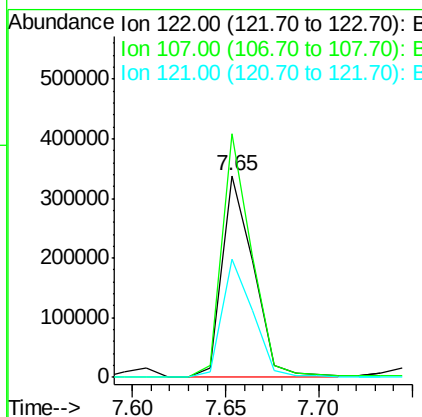
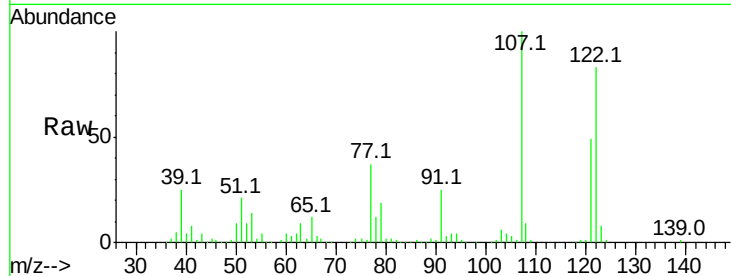
ClientSampleId :

ICVBF050916

Tot Ion:	122	Resp:	395488
Ion Ratio	Lower	Upper	
122	100		
107	120.8	82.0	123.0
121	58.6	46.1	69.1

Manual Integrations
APPROVED

sohil
5/10/2016 11:06:36 AM



#28

bis(2-Chloroethoxy)methane

Concen: 40.07 ng

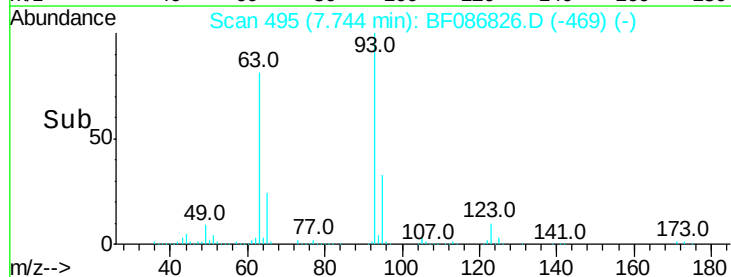
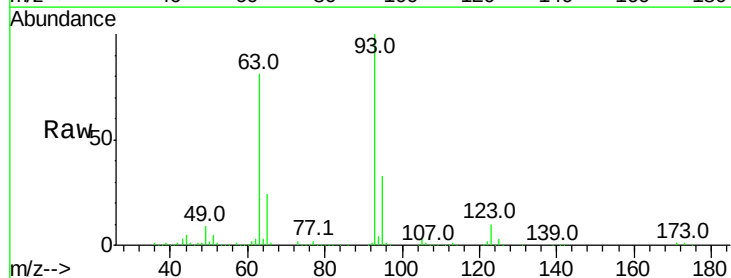
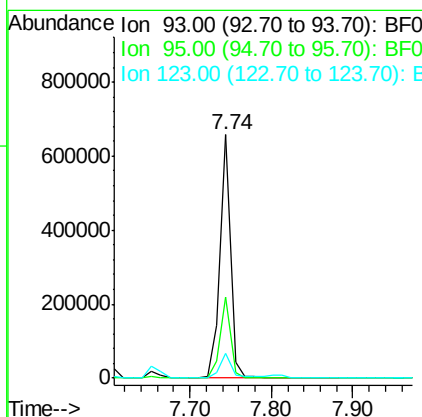
RT: 7.74 min Scan# 495

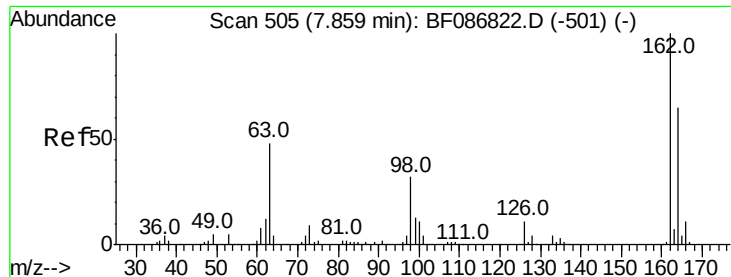
Delta R.T. -0.00 min

Lab File: BF086826.D

Acq: 9 May 2016 15:35

Tgt Ion:	93	Resp:	594320
Ion Ratio	Lower	Upper	
93	100		
95	33.1	26.0	39.0
123	10.3	9.5	14.3





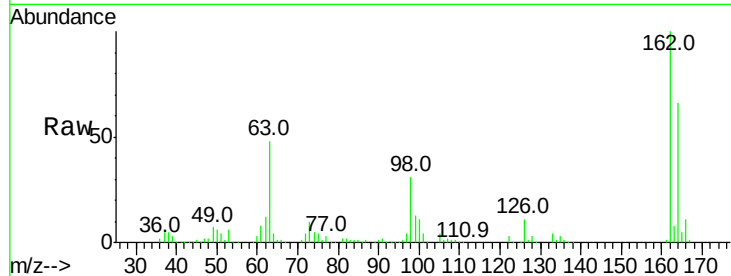
#29
 2,4-Dichlorophenol
 Concen: 37.77 ng
 RT: 7.86 min Scan# 505
 Delta R.T. -0.00 min
 Lab File: BF086826.D
 Acq: 9 May 2016 15:35

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF050916

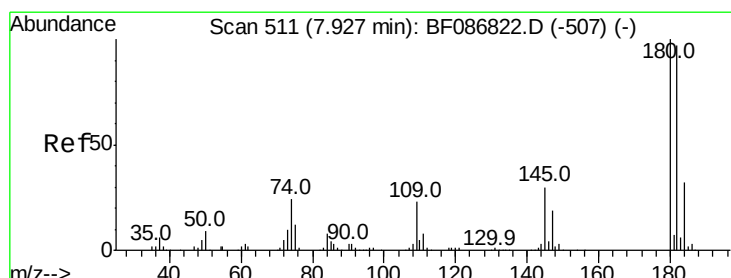
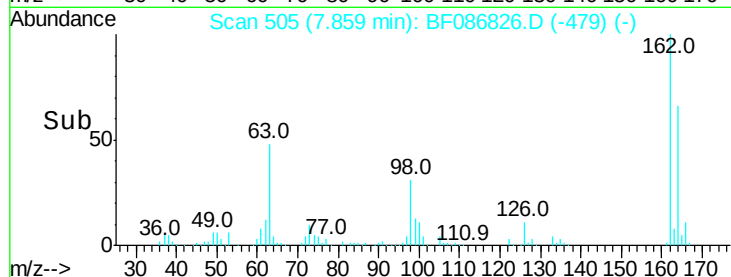
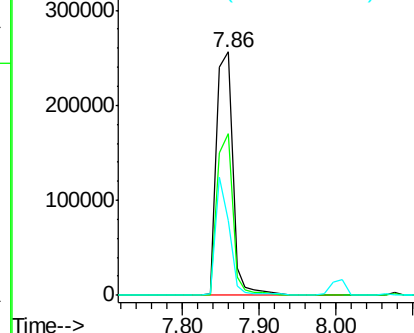
Tot Ion:	162	Resp:	379566
Ion Ratio	Lower	Upper	
162	100		
164	66.4	42.2	82.2
98	30.7	19.0	59.0

Manual Integrations
 APPROVED

sohil
 5/10/2016 11:06:36 AM

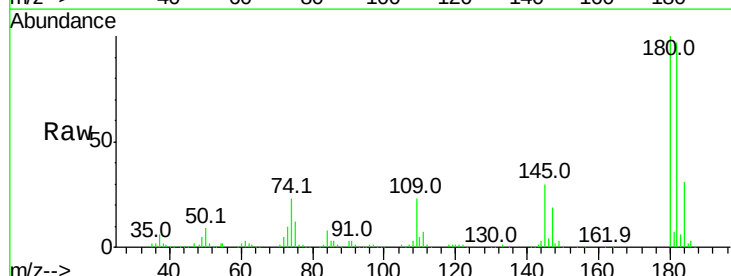


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

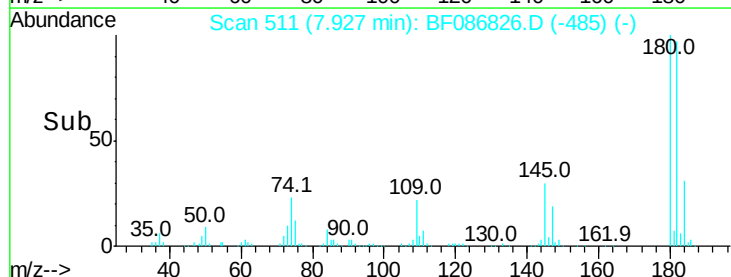
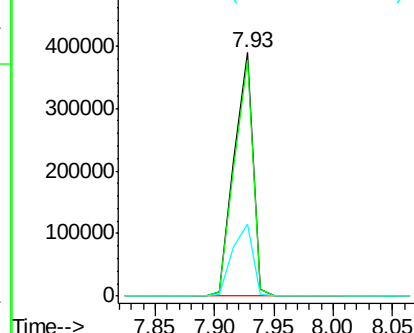


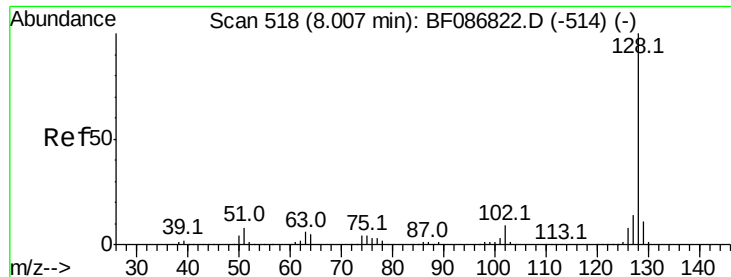
#30
 1,2,4-Trichlorobenzene
 Concen: 38.32 ng
 RT: 7.93 min Scan# 511
 Delta R.T. -0.00 min
 Lab File: BF086826.D
 Acq: 9 May 2016 15:35

Tgt Ion:	180	Resp:	430508
Ion Ratio	Lower	Upper	
180	100		
182	97.0	78.0	117.0
145	29.5	24.2	36.2



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





#31

Naphthalene

Concen: 37.69 ng

RT: 8.01 min Scan# 518

Delta R.T. -0.00 min

Lab File: BF086826.D

Acq: 9 May 2016 15:35

Instrument :

BNA_F

ClientSampleId :

ICVBF050916

Tot Ion:128 Resp: 1405057

Ion Ratio Lower Upper

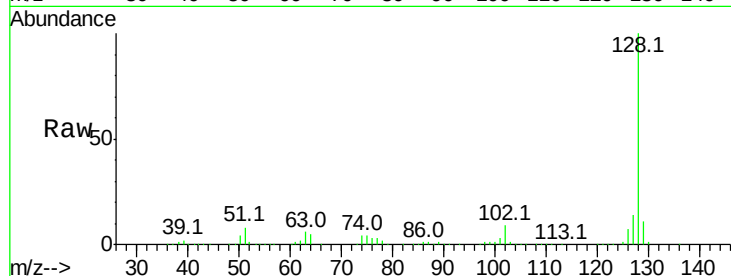
128 100

129 11.0 8.6 13.0

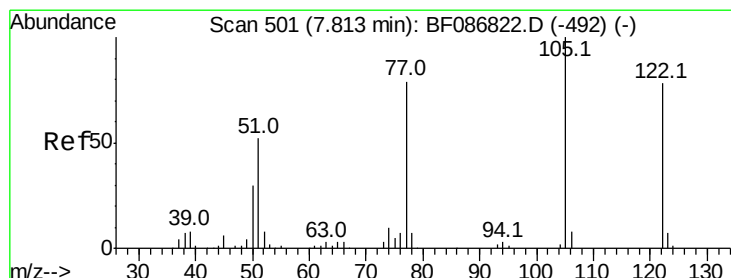
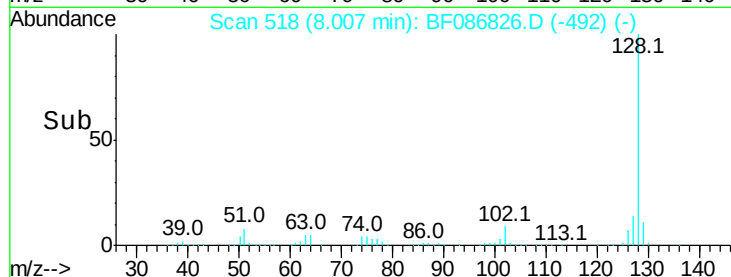
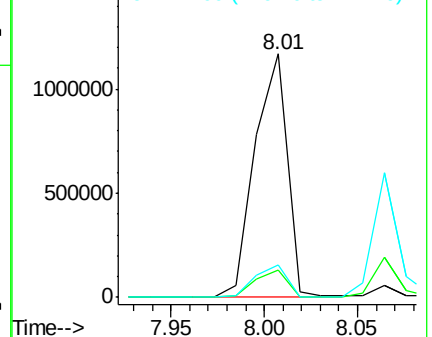
127 13.5 10.8 16.2

Manual Integrations
APPROVED

sohil
5/10/2016 11:06:36 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: 43.65 ng

RT: 7.81 min Scan# 501

Delta R.T. -0.00 min

Lab File: BF086826.D

Acq: 9 May 2016 15:35

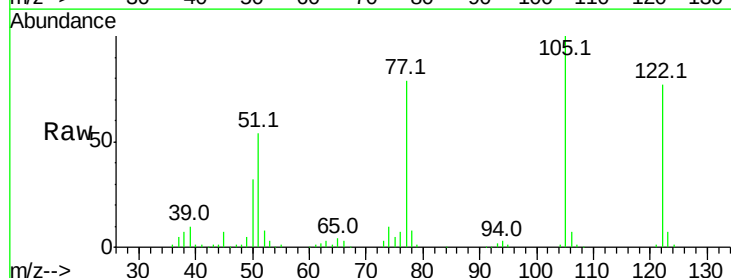
Tgt Ion:122 Resp: 292695

Ion Ratio Lower Upper

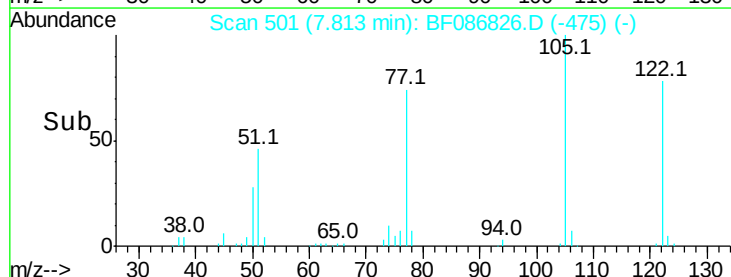
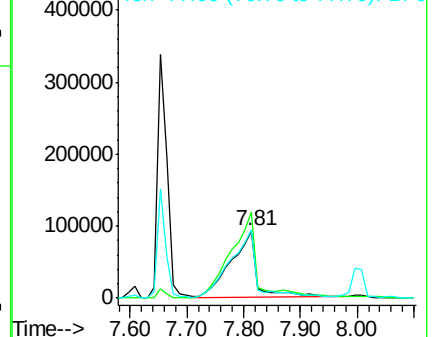
122 100

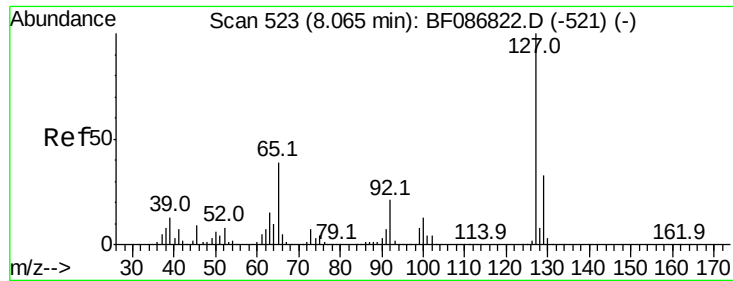
105 129.1 92.6 132.6

77 102.6 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





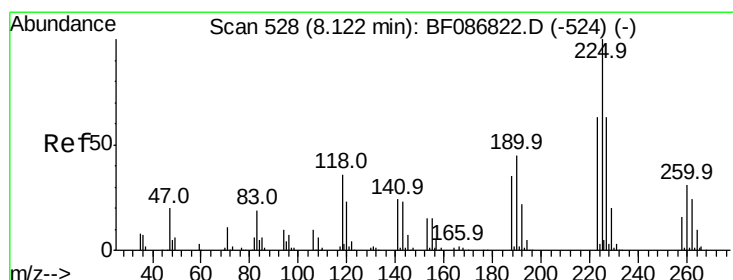
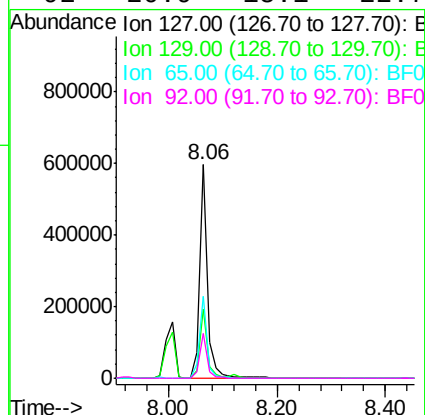
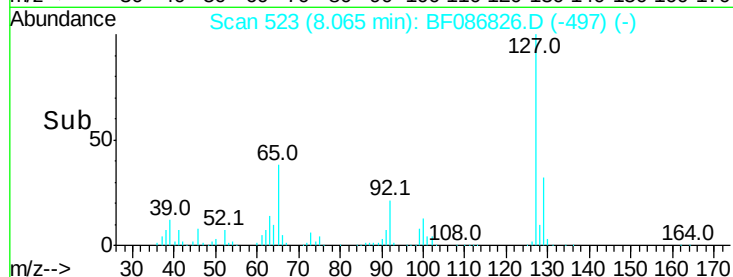
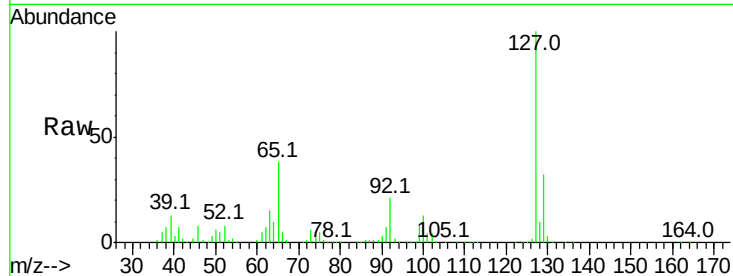
#33
4-Chloroaniline
Concen: 39.78 ng
RT: 8.06 min Scan# 523
Delta R.T. -0.00 min
Lab File: BF086826.D
Acq: 9 May 2016 15:35

Instrument :
BNA_F
ClientSampleId :
ICVBF050916

Tot Ion	Ratio	Resp	Lower	Upper
127	100			
129	32.5	26.2	39.4	
65	38.1	23.0	34.4	
92	20.9	15.1	22.7	

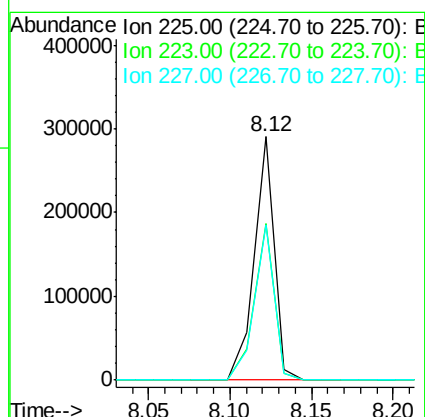
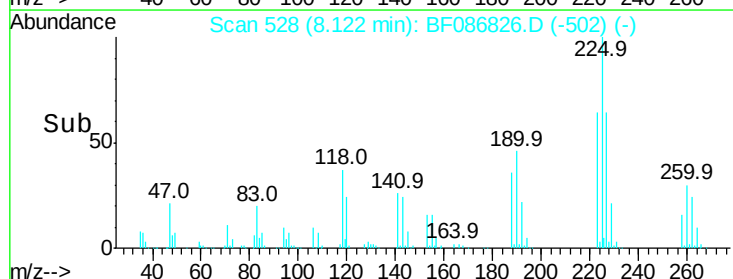
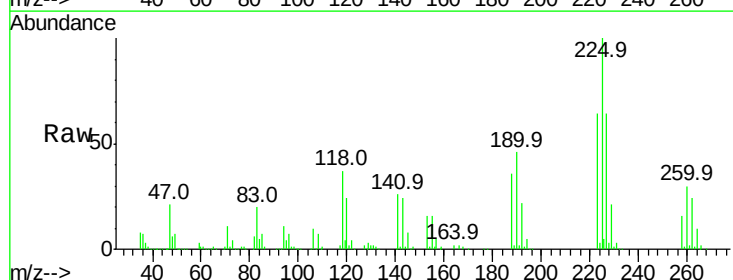
Manual Integrations
APPROVED

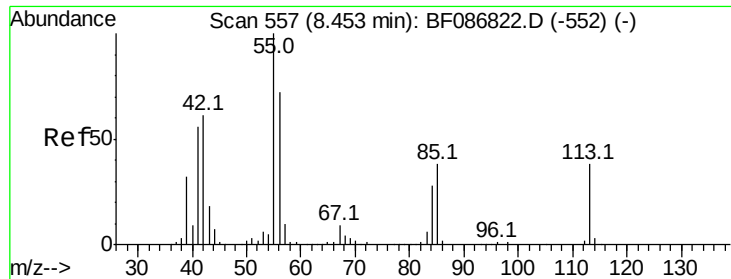
sohil
5/10/2016 11:06:36 AM



#34
Hexachlorobutadiene
Concen: 38.01 ng
RT: 8.12 min Scan# 528
Delta R.T. -0.00 min
Lab File: BF086826.D
Acq: 9 May 2016 15:35

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	64.4	51.5	77.3	
227	63.6	52.2	78.2	





#35

Caprolactam

Concen: 37.12 ng

RT: 8.45 min Scan# 557

Delta R.T. -0.00 min

Lab File: BF086826.D

Acq: 9 May 2016 15:35

Instrument :

BNA_F

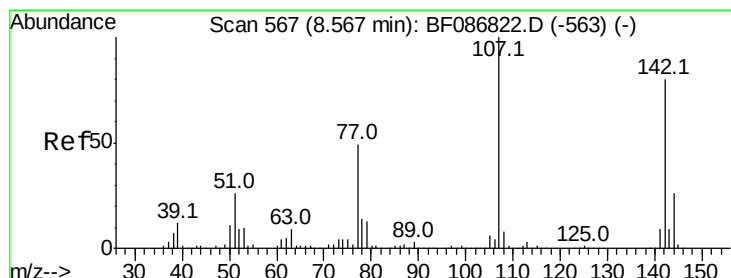
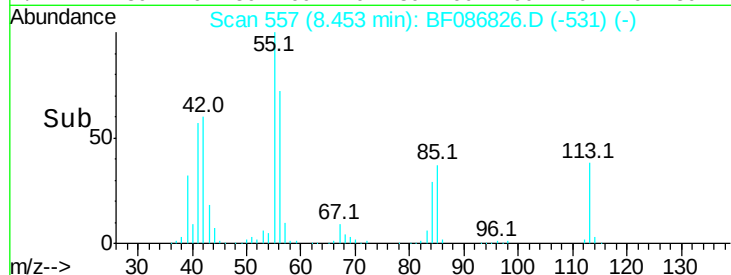
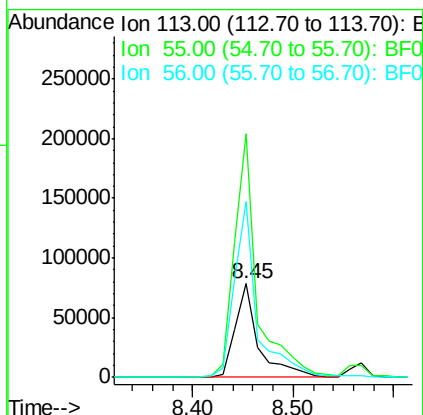
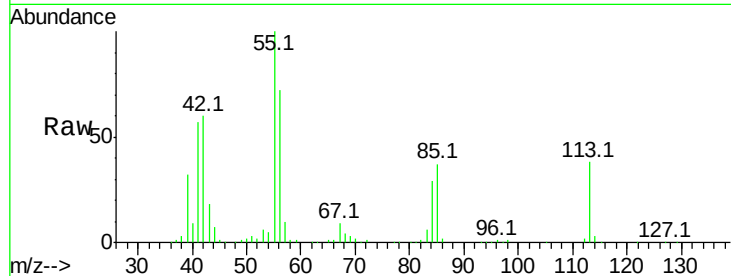
ClientSampled :

ICVBF050916

Tot Ion:	113	Resp:	126900
Ion Ratio	Lower	Upper	
113	100		
55	259.9	162.0	202.0#
56	188.3	115.3	155.3#

Manual Integrations
APPROVED

sohil
5/10/2016 11:06:36 AM



#36

4-Chloro-3-methylphenol

Concen: 38.03 ng

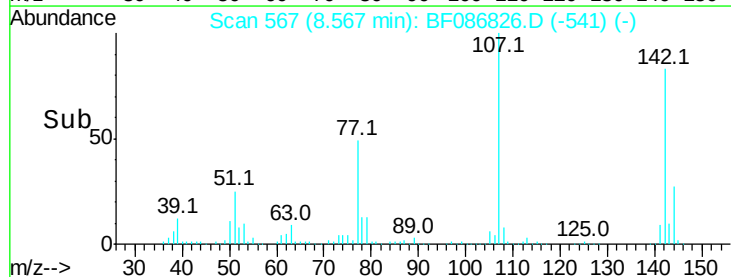
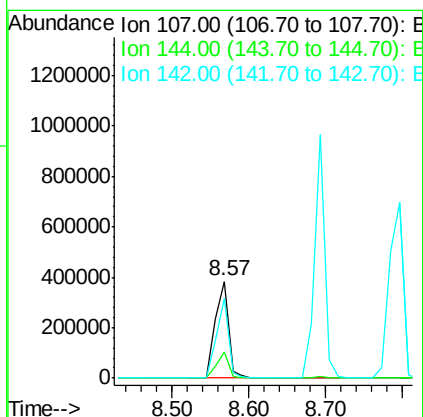
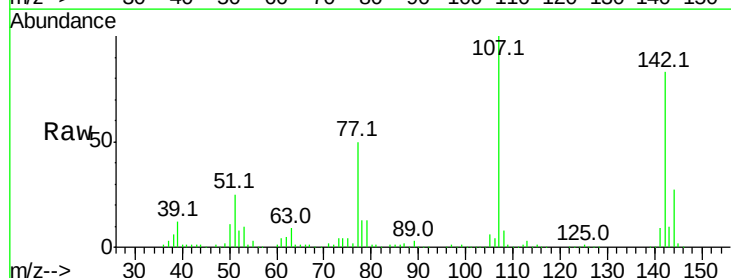
RT: 8.57 min Scan# 567

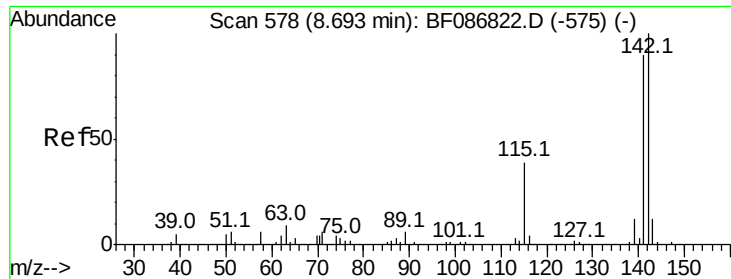
Delta R.T. -0.00 min

Lab File: BF086826.D

Acq: 9 May 2016 15:35

Tgt Ion:	107	Resp:	463421
Ion Ratio	Lower	Upper	
107	100		
144	27.4	20.7	31.1
142	82.8	63.2	94.8





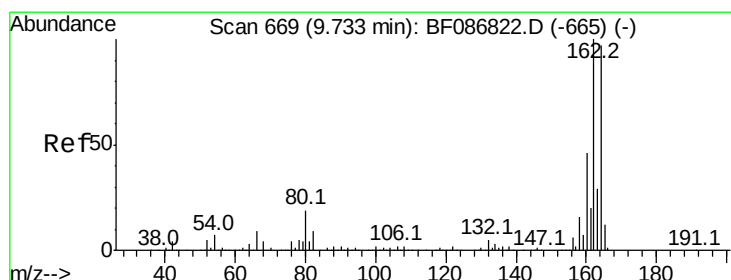
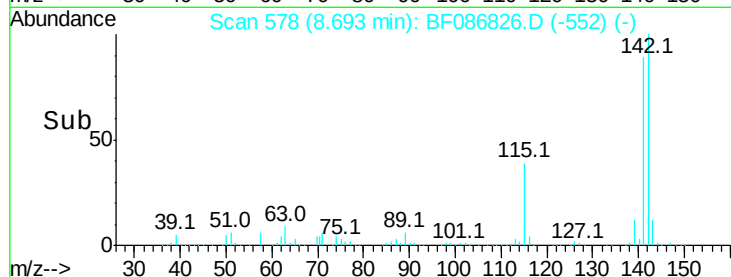
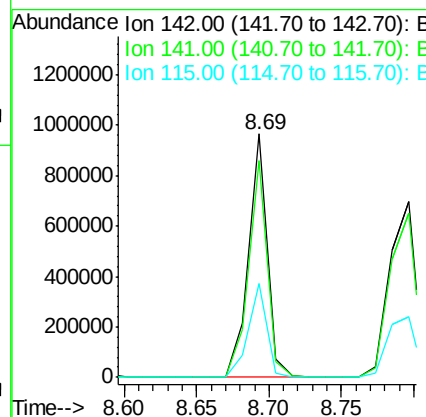
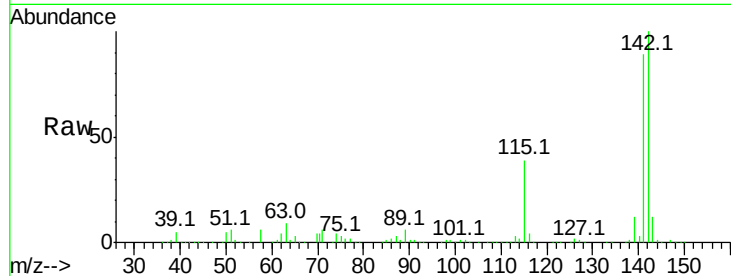
#37
 2-Methylnaphthalene
 Concen: 39.81 ng
 RT: 8.69 min Scan# 578
 Delta R.T. -0.00 min
 Lab File: BF086826.D
 Acq: 9 May 2016 15:35

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF050916

Tot Ion	Ratio	Resp	Lower	Upper
142	100	867551		
141	89.1		71.0	106.6
115	38.6		26.6	39.8

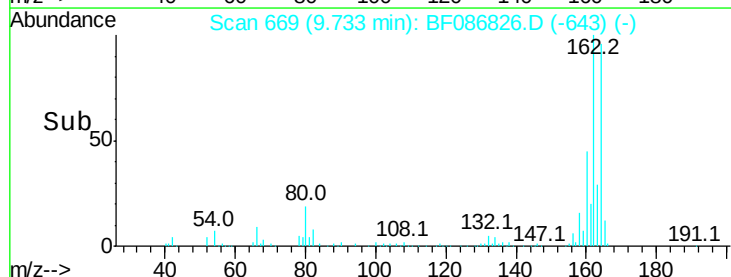
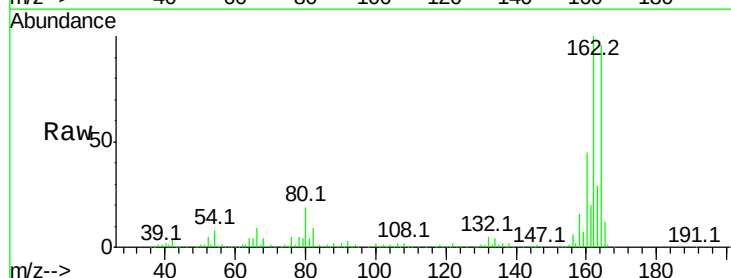
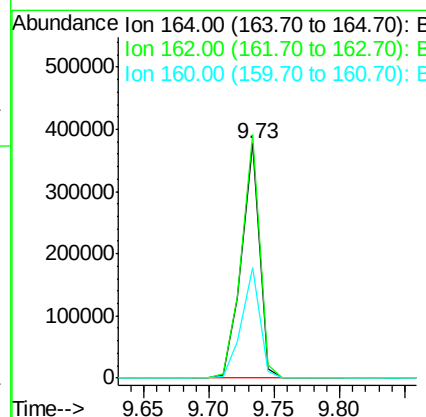
Manual Integrations
 APPROVED

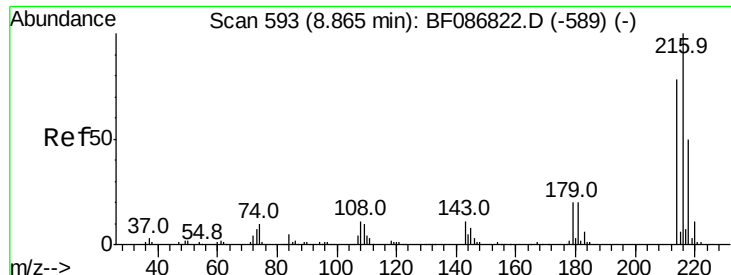
sohil
 5/10/2016 11:06:36 AM



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.73 min Scan# 669
 Delta R.T. -0.00 min
 Lab File: BF086826.D
 Acq: 9 May 2016 15:35

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	361509		
162	103.9		82.8	124.2
160	47.3		36.9	55.3





#39

1,2,4,5-Tetrachlorobenzene

Concen: 36.61 ng

RT: 8.86 min Scan# 593

Delta R.T. -0.00 min

Lab File: BF086826.D

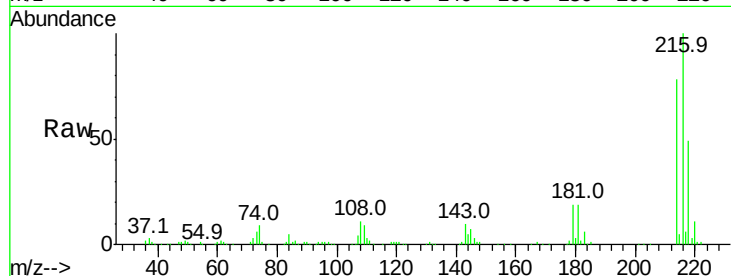
Acq: 9 May 2016 15:35

Instrument :

BNA_F

ClientSampleId :

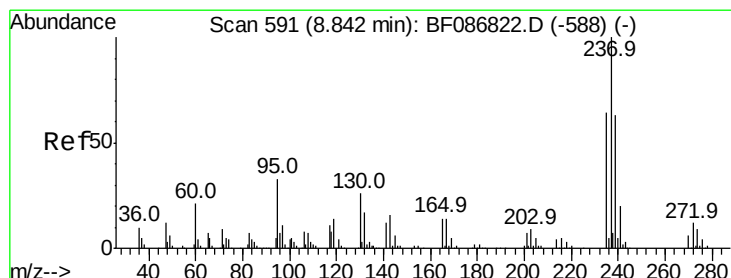
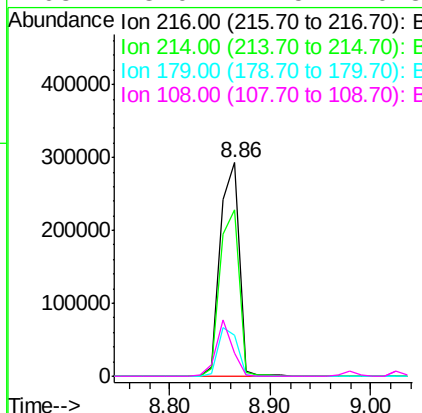
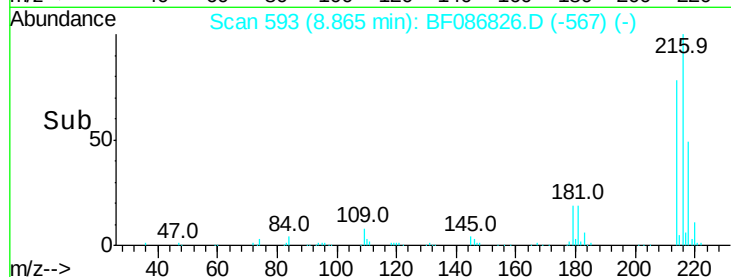
ICVBF050916



Tot Ion	Ratio	Resp	Lower	Upper
216	100	384794		
214	78.9	62.6	93.8	
179	22.8	18.2	27.4	
108	23.0	17.5	26.3	

Manual Integrations
APPROVED

sohil
5/10/2016 11:06:36 AM



#40

Hexachlorocyclopentadiene

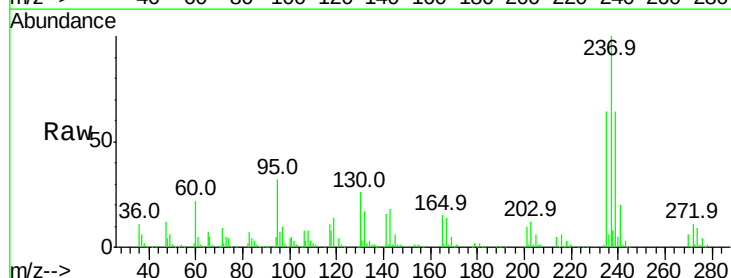
Concen: 38.90 ng

RT: 8.84 min Scan# 591

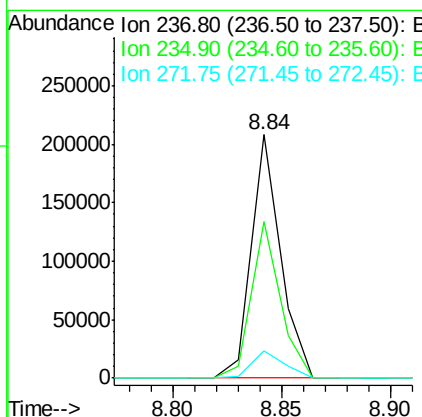
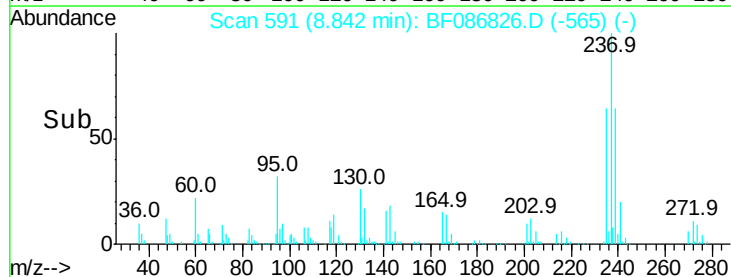
Delta R.T. -0.00 min

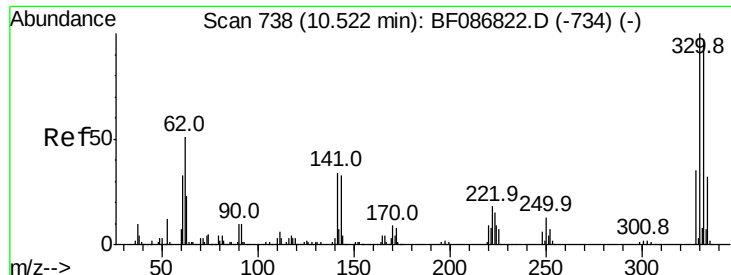
Lab File: BF086826.D

Acq: 9 May 2016 15:35



Tgt Ion	Ratio	Resp	Lower	Upper
237	100	194070		
235	64.4	47.2	87.2	
272	11.5	0.0	31.1	





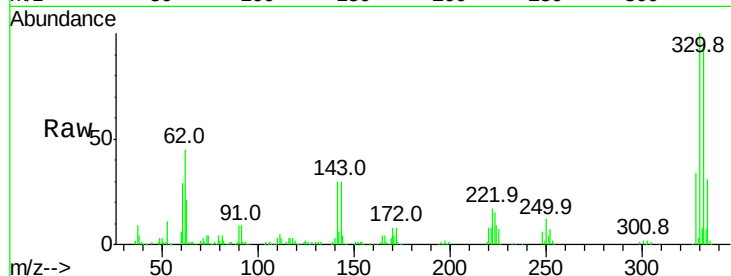
#41
 2,4,6-Tribromophenol
 Concen: 79.64 ng
 RT: 10.52 min Scan# 738
 Delta R.T. -0.00 min
 Lab File: BF086826.D
 Acq: 9 May 2016 15:35

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF050916

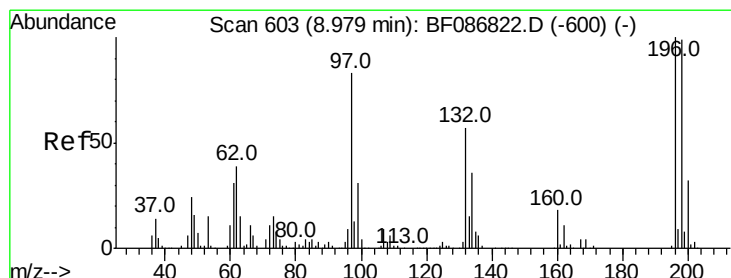
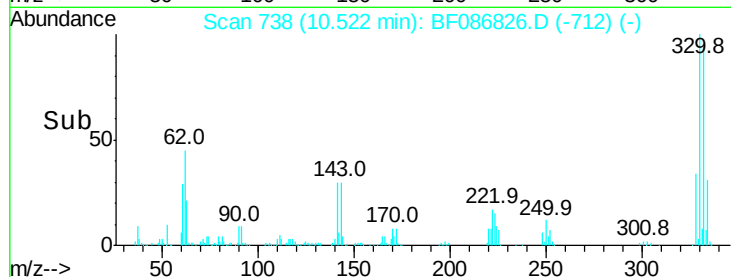
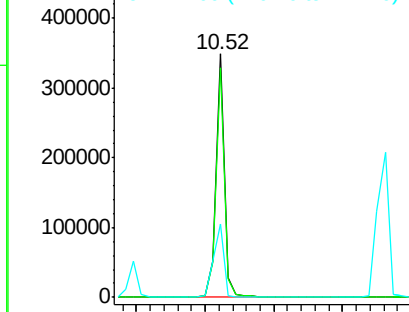
Tot Ion	Ratio	Resp	Lower	Upper
330	100			
332	94.8	79.0	118.4	
141	37.5	31.2	46.8	

Manual Integrations
 APPROVED

sohil
 5/10/2016 11:06:36 AM

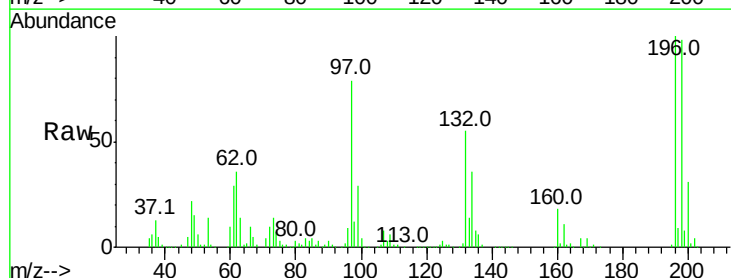


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

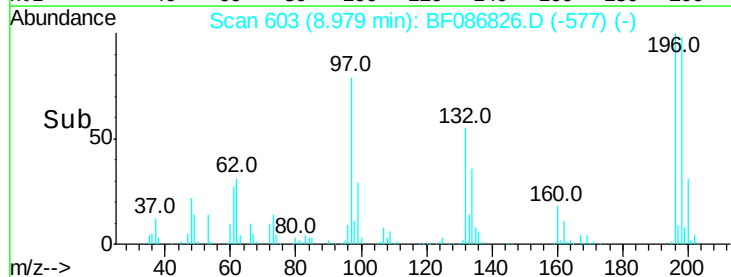
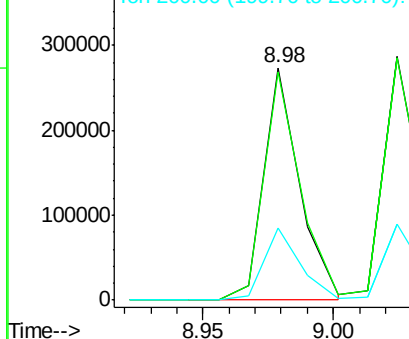


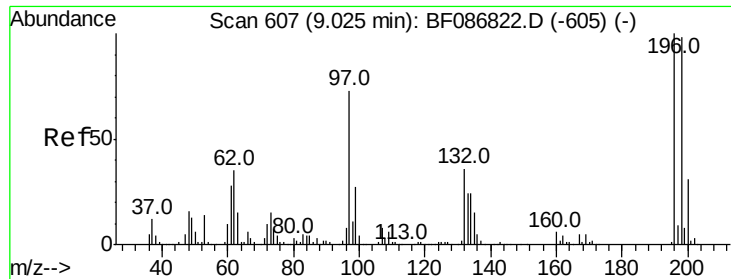
#42
 2,4,6-Trichlorophenol
 Concen: 37.43 ng
 RT: 8.98 min Scan# 603
 Delta R.T. -0.00 min
 Lab File: BF086826.D
 Acq: 9 May 2016 15:35

Tgt Ion	Ratio	Resp	Lower	Upper
196	100			
198	97.9	74.7	112.1	
200	30.8	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





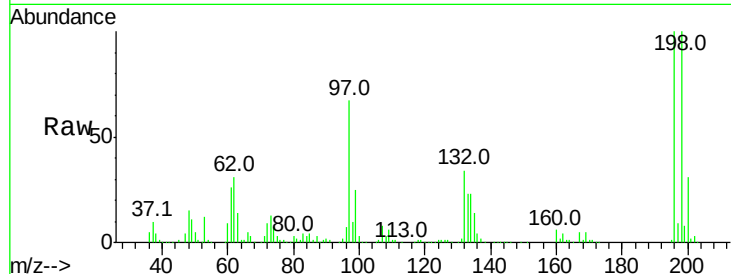
#43
 2,4,5-Trichlorophenol
 Concen: 39.47 ng
 RT: 9.02 min Scan# 607
 Delta R.T. -0.00 min
 Lab File: BF086826.D
 Acq: 9 May 2016 15:35

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF050916

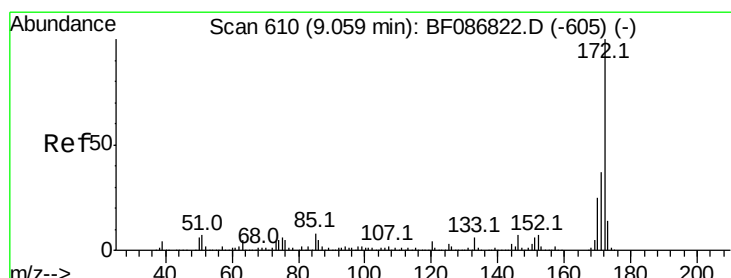
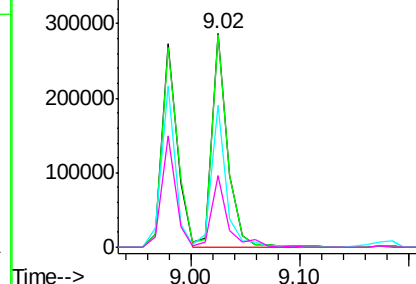
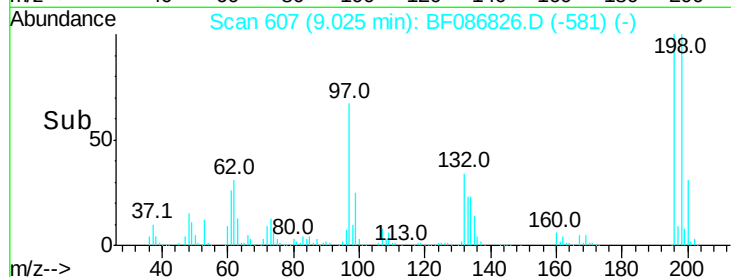
Tot Ion	Ratio	Resp	Lower	Upper
196	100	286915		
198	99.6	77.5	116.3	
97	66.8	34.8	52.2	
132	33.7	23.0	34.4	

Manual Integrations
 APPROVED

sohil
 5/10/2016 11:06:36 AM

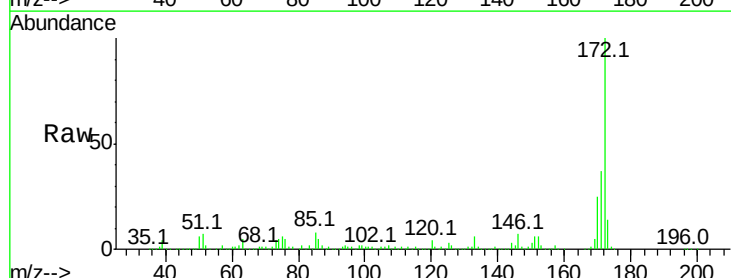


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

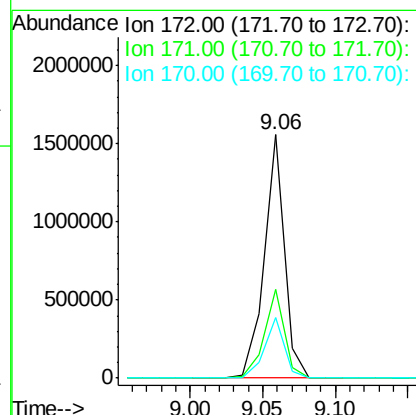
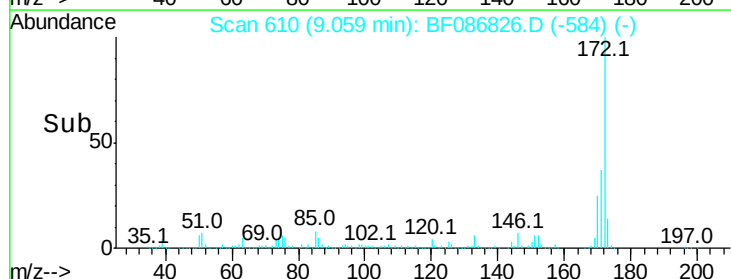


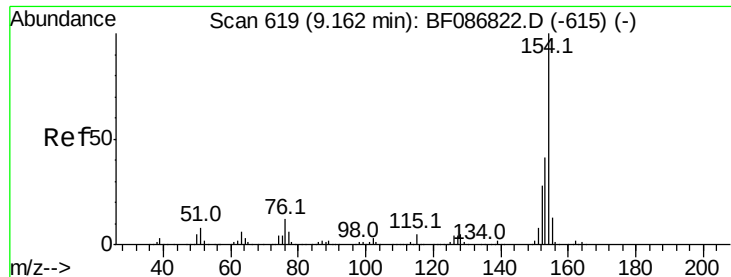
#44
 2-Fluorobiphenyl
 Concen: 70.06 ng
 RT: 9.06 min Scan# 610
 Delta R.T. -0.00 min
 Lab File: BF086826.D
 Acq: 9 May 2016 15:35

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1507061		
171	36.7	29.0	43.6	
170	25.0	19.8	29.8	



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E





#45

1,1'-Biphenyl

Concen: 41.19 ng

RT: 9.16 min Scan# 619

Delta R.T. -0.00 min

Lab File: BF086826.D

Acq: 9 May 2016 15:35

Instrument :

BNA_F

ClientSampleId :

ICVBF050916

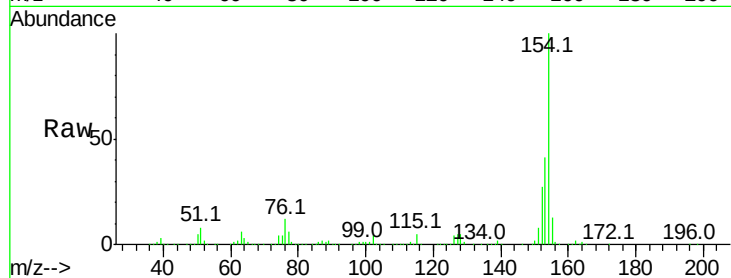
Tot Ion:154 Resp: 1184387

Ion	Ratio	Lower	Upper
154	100		
153	41.1	20.3	60.3
76	11.8	0.0	30.2

Manual Integrations
APPROVED

sohil

5/10/2016 11:06:36 AM

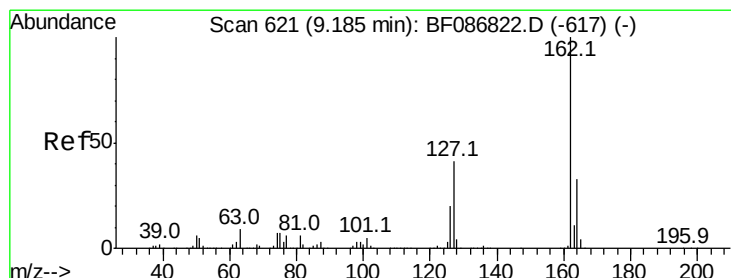
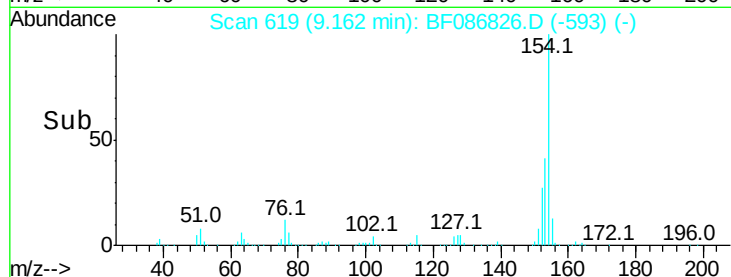
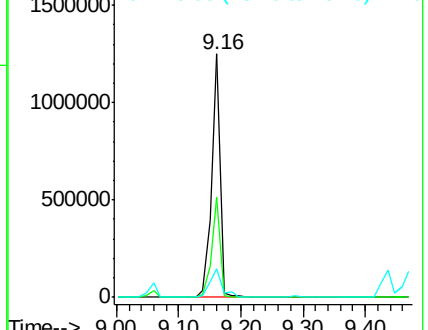


Abundance

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: 40.17 ng

RT: 9.18 min Scan# 621

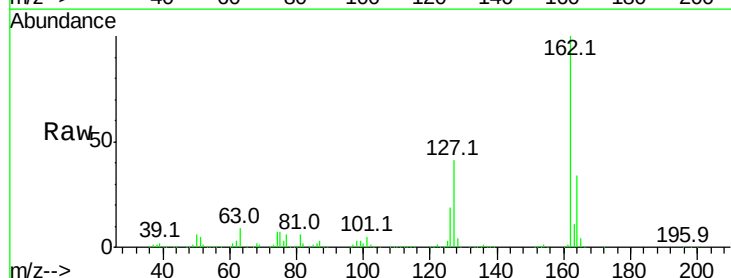
Delta R.T. -0.00 min

Lab File: BF086826.D

Acq: 9 May 2016 15:35

Tgt Ion:162 Resp: 904964

Ion	Ratio	Lower	Upper
162	100		
127	40.7	31.8	47.6
164	33.7	27.0	40.6

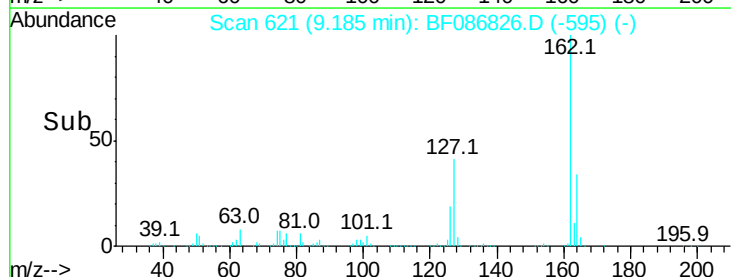
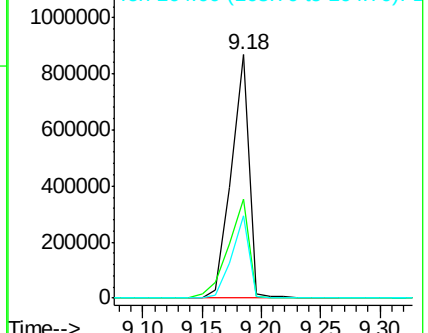


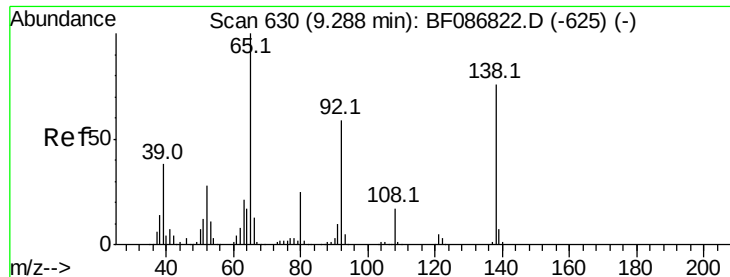
Abundance

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: 37.53 ng

RT: 9.29 min Scan# 630

Delta R.T. -0.00 min

Lab File: BF086826.D

Acq: 9 May 2016 15:35

Instrument :

BNA_F

ClientSampleId :

ICVBF050916

Tot Ion: 65 Resp: 308998

Ion Ratio Lower Upper

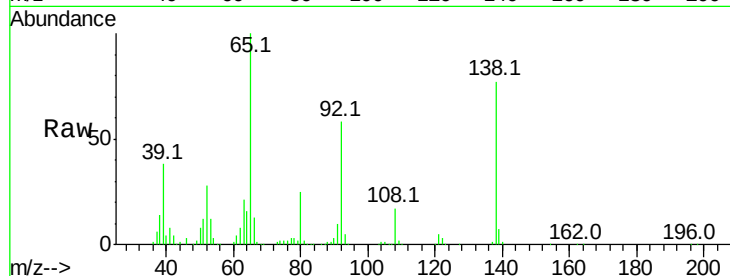
65 100

92 58.5 57.4 86.2

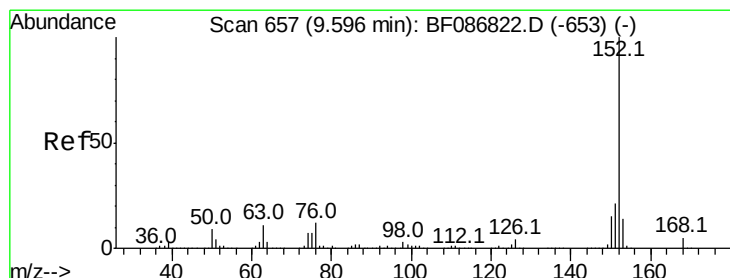
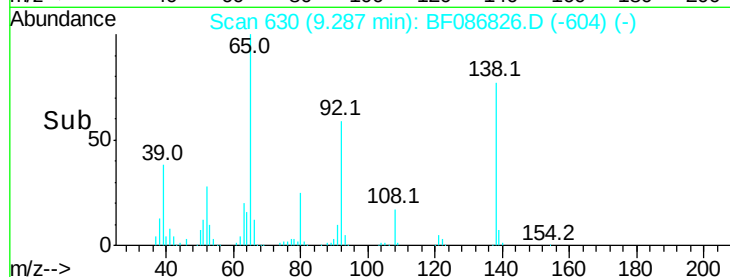
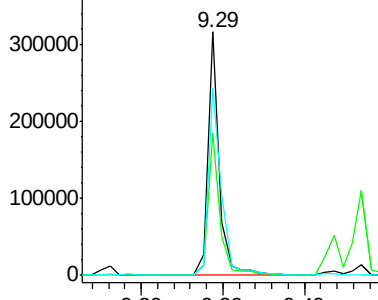
138 76.9 90.1 135.1#

Manual Integrations
APPROVED

sohil
5/10/2016 11:06:36 AM



Abundance Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0
Ion 138.00 (137.70 to 138.70): E



#48

Acenaphthylene

Concen: 41.26 ng

RT: 9.60 min Scan# 657

Delta R.T. -0.00 min

Lab File: BF086826.D

Acq: 9 May 2016 15:35

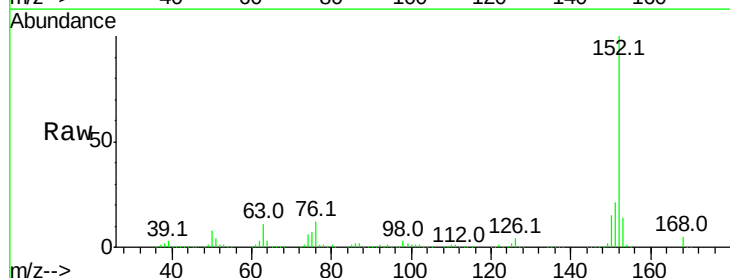
Tgt Ion: 152 Resp: 1367186

Ion Ratio Lower Upper

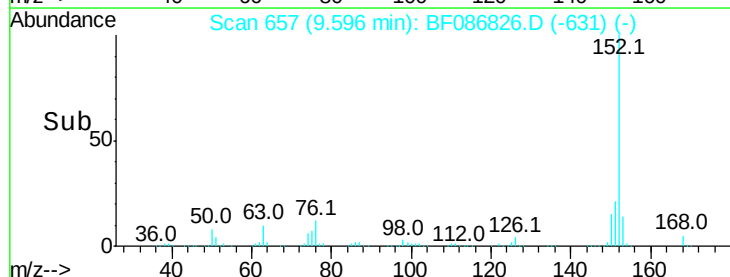
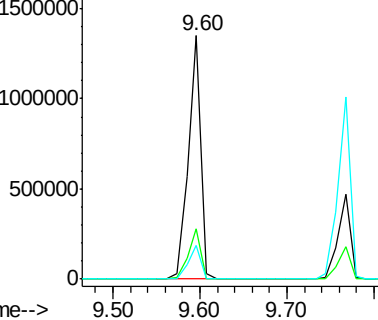
152 100

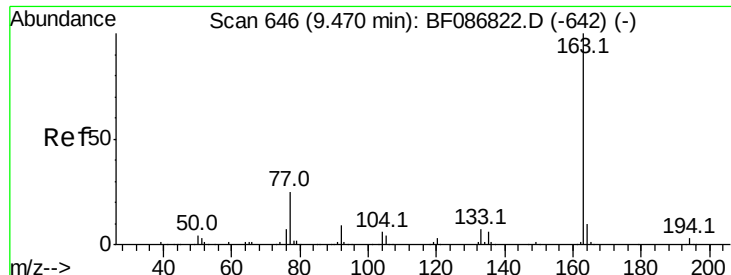
151 20.5 16.8 25.2

153 14.0 10.9 16.3



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E





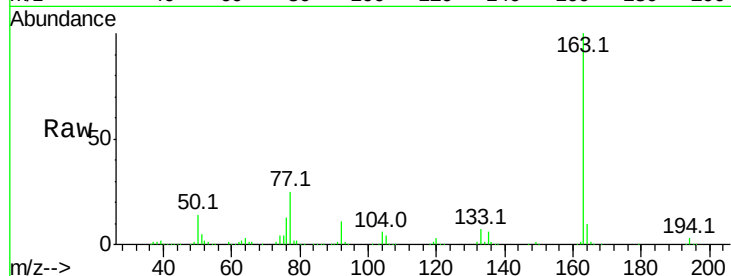
#49
Dimethylphthalate
Concen: 37.34 ng
RT: 9.47 min Scan# 646
Delta R.T. -0.00 min
Lab File: BF086826.D
Acq: 9 May 2016 15:35

Instrument :
BNA_F
ClientSampleId :
ICVBF050916

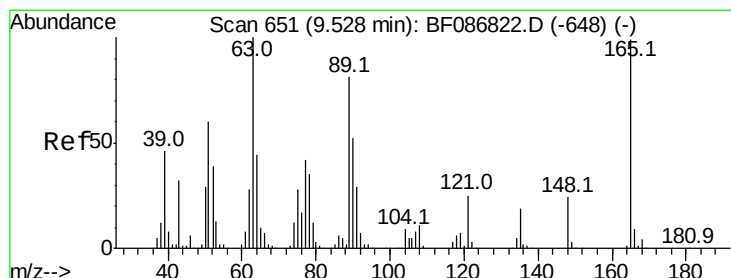
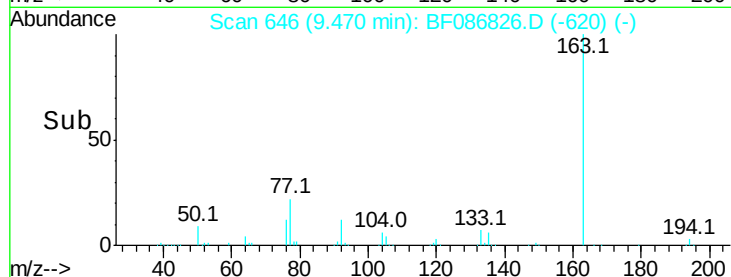
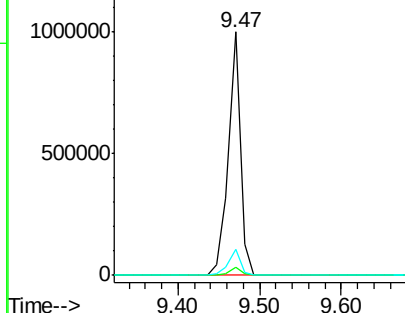
Tot Ion:163 Resp: 1029824
Ion Ratio Lower Upper
163 100
194 3.2 2.6 4.0
164 10.4 8.2 12.4

Manual Integrations
APPROVED

sohil
5/10/2016 11:06:36 AM

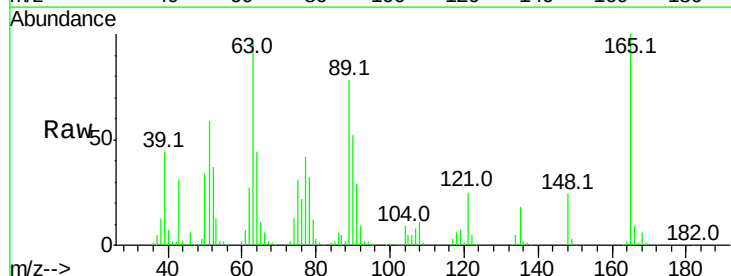


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

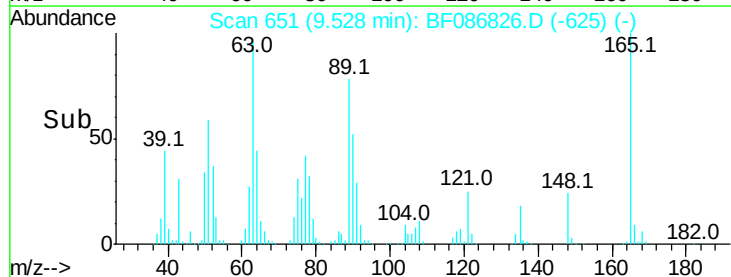
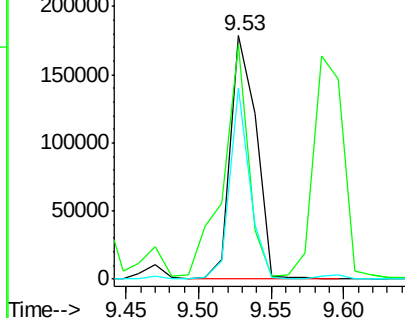


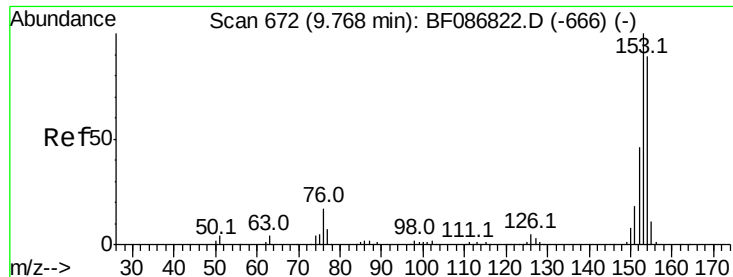
#50
2,6-Dinitrotoluene
Concen: 37.66 ng
RT: 9.53 min Scan# 651
Delta R.T. -0.00 min
Lab File: BF086826.D
Acq: 9 May 2016 15:35

Tgt Ion:165 Resp: 218596
Ion Ratio Lower Upper
165 100
63 96.4 51.8 77.8#
89 78.3 50.7 76.1#



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





#51

Acenaphthene

Concen: 41.78 ng

RT: 9.77 min Scan# 672

Delta R.T. -0.00 min

Lab File: BF086826.D

Acq: 9 May 2016 15:35

Instrument :

BNA_F

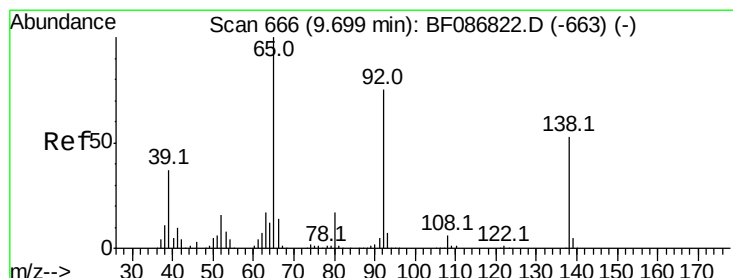
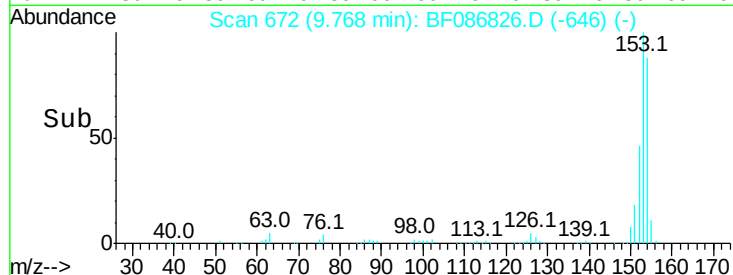
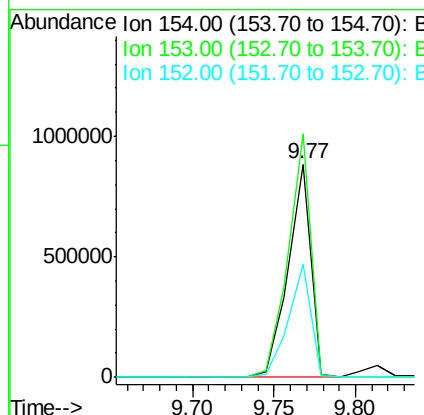
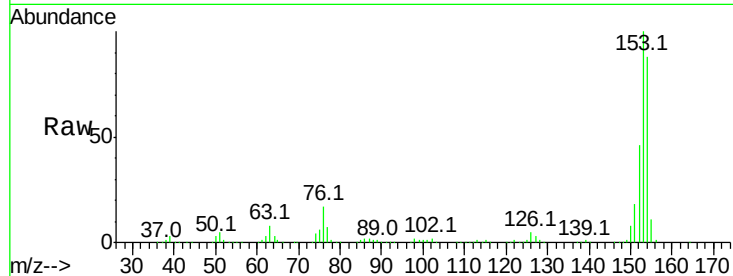
ClientSampleId :

ICVBF050916

Tot Ion:	154	Resp:	861115
Ion Ratio	Lower	Upper	
154	100		
153	114.3	89.8	134.6
152	53.0	43.4	65.0

Manual Integrations
APPROVED

sohil
5/10/2016 11:06:36 AM



#52

3-Nitroaniline

Concen: 38.39 ng

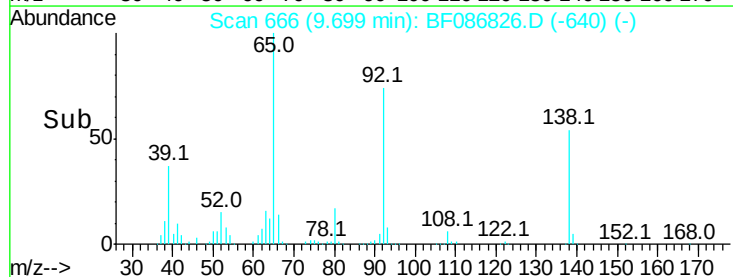
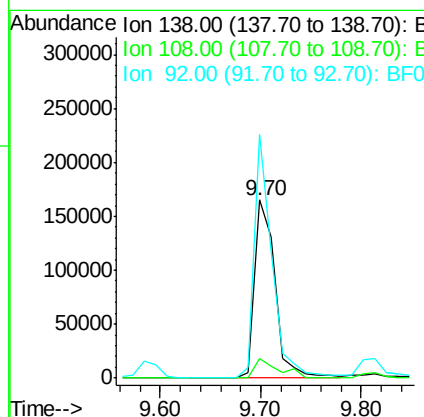
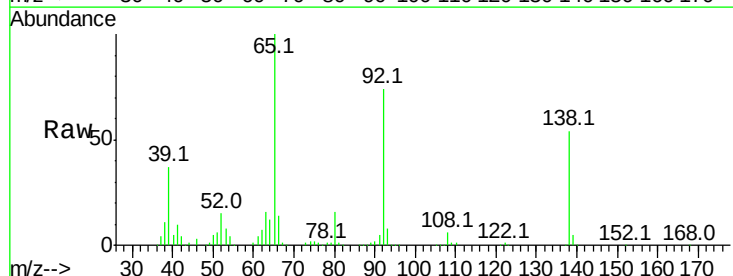
RT: 9.70 min Scan# 666

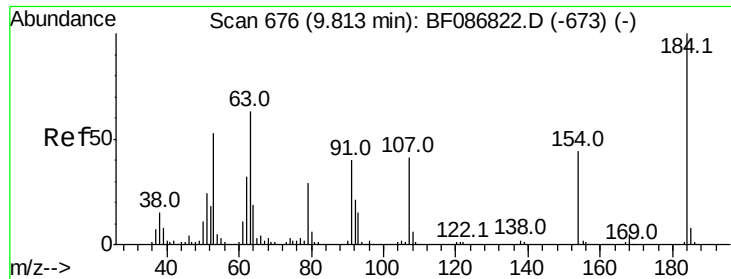
Delta R.T. -0.00 min

Lab File: BF086826.D

Acq: 9 May 2016 15:35

Tgt Ion:	138	Resp:	234580
Ion Ratio	Lower	Upper	
138	100		
108	10.8	7.8	11.6
92	136.7	87.8	131.8#





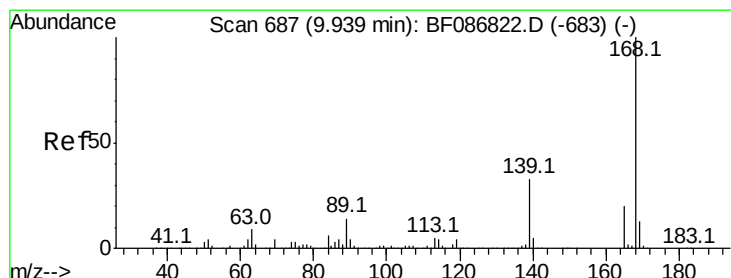
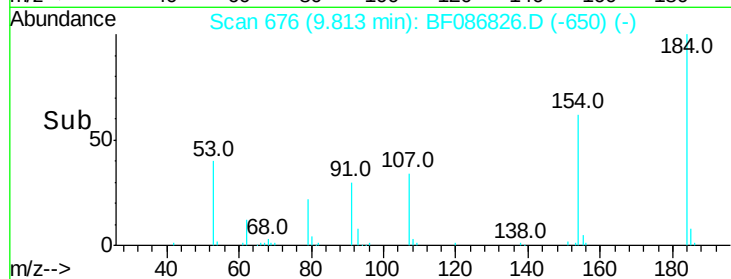
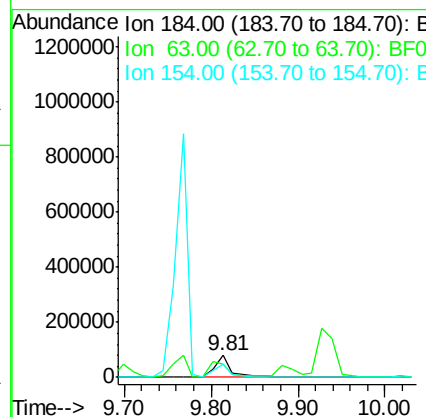
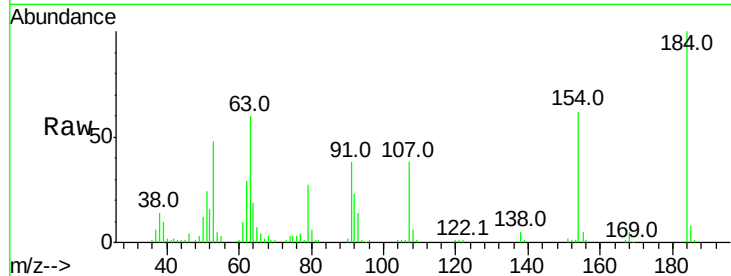
#53
 2,4-Dinitrophenol
 Concen: 39.47 ng
 RT: 9.81 min Scan# 676
 Delta R.T. 0.00 min
 Lab File: BF086826.D
 Acq: 9 May 2016 15:35

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF050916

Tot Ion	Ratio	Resp	Lower	Upper
184	100	104295		
63	60.3	55.8	83.8	
154	62.0	62.4	93.6	

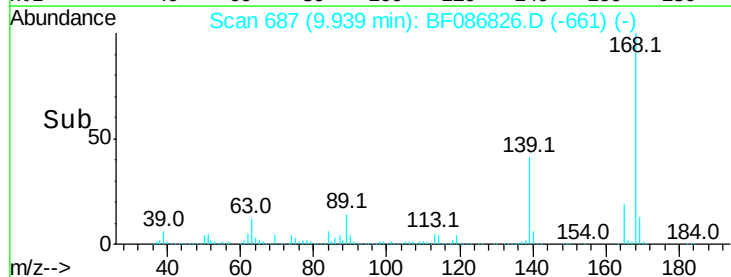
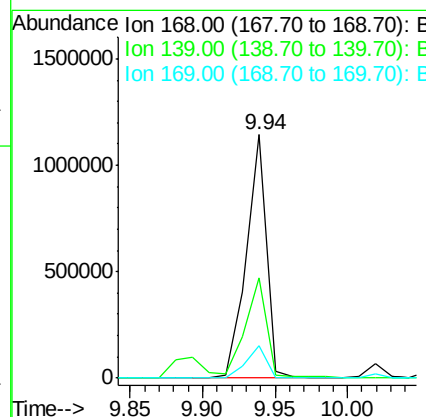
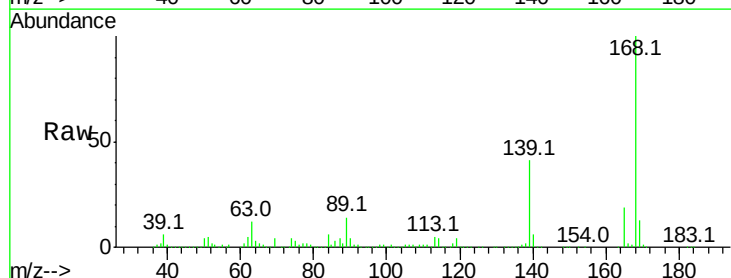
Manual Integrations
 APPROVED

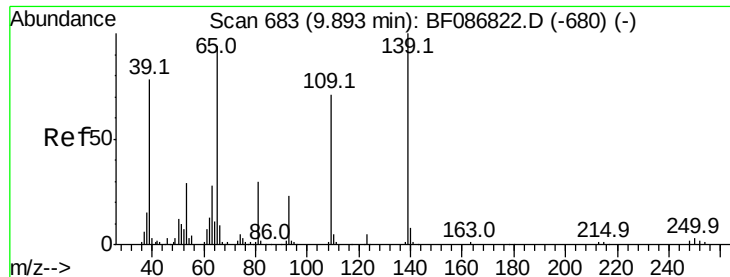
sohil
 5/10/2016 11:06:36 AM



#54
 Dibenzofuran
 Concen: 41.80 ng
 RT: 9.94 min Scan# 687
 Delta R.T. -0.00 min
 Lab File: BF086826.D
 Acq: 9 May 2016 15:35

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	1106024		
139	41.1	31.4	47.0	
169	13.5	10.7	16.1	





#55

4-Nitrophenol

Concen: 41.02 ng

RT: 9.89 min Scan# 683

Delta R.T. 0.00 min

Lab File: BF086826.D

Acq: 9 May 2016 15:35

Instrument :

BNA_F

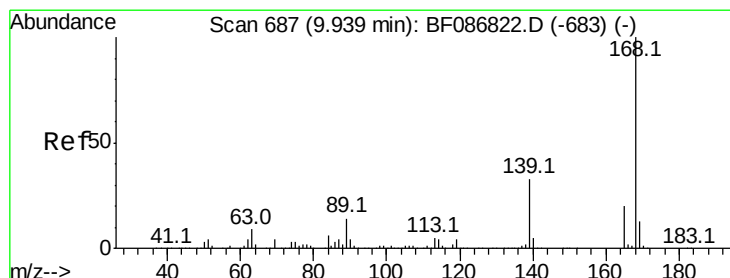
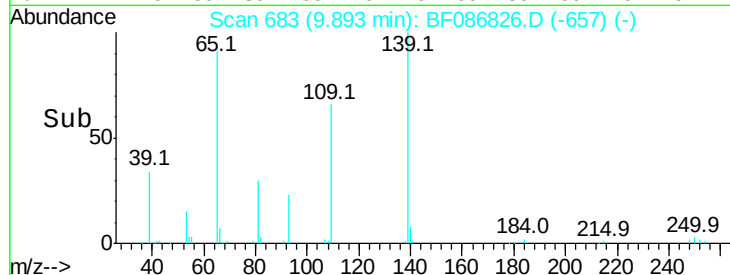
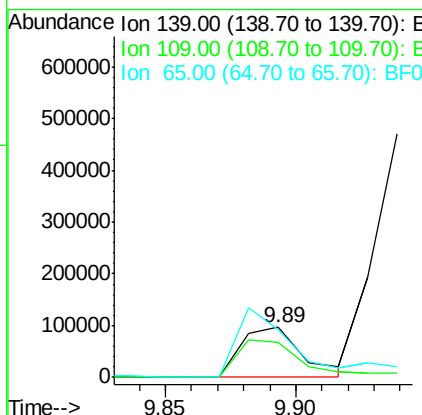
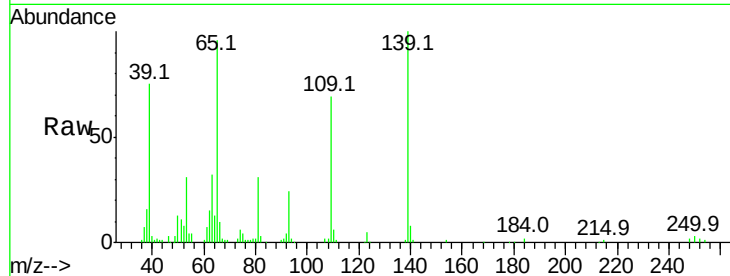
ClientSampleId :

ICVBF050916

Tot Ion:	139	Resp:	157536
Ion Ratio	Lower	Upper	
139	100		
109	69.4	36.9	76.9
65	95.9	64.0	104.0

Manual Integrations
APPROVED

sohil
5/10/2016 11:06:36 AM



#56

2,4-Dinitrotoluene

Concen: 39.38 ng

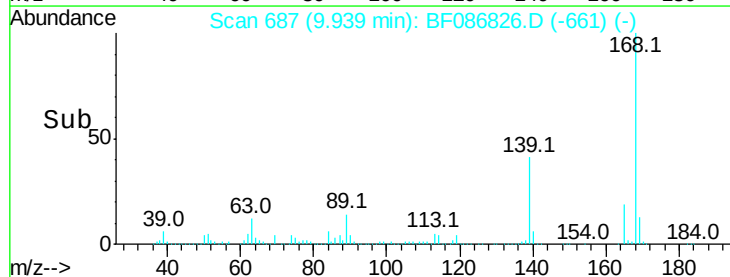
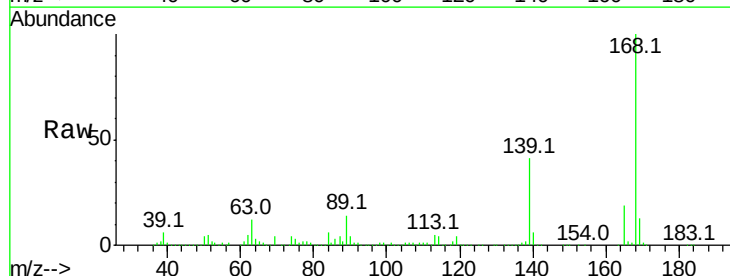
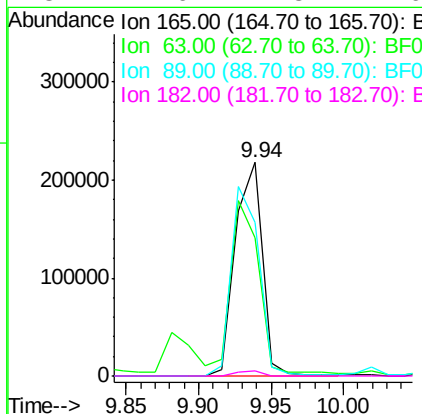
RT: 9.94 min Scan# 687

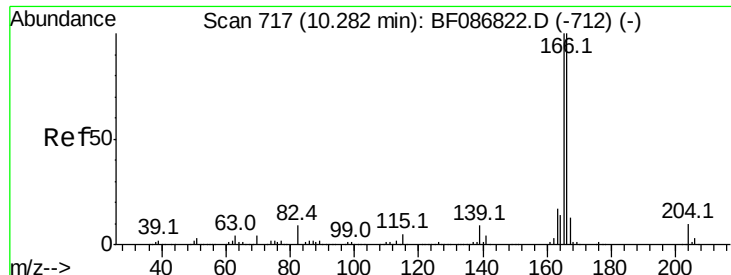
Delta R.T. -0.00 min

Lab File: BF086826.D

Acq: 9 May 2016 15:35

Tgt Ion:	165	Resp:	282872
Ion Ratio	Lower	Upper	
165	100		
63	64.7	44.3	66.5
89	71.7	70.0	105.0
182	2.6	1.8	2.6





#57

Fluorene

Concen: 41.17 ng

RT: 10.28 min Scan# 717

Delta R.T. -0.00 min

Lab File: BF086826.D

Acq: 9 May 2016 15:35

Instrument :

BNA_F

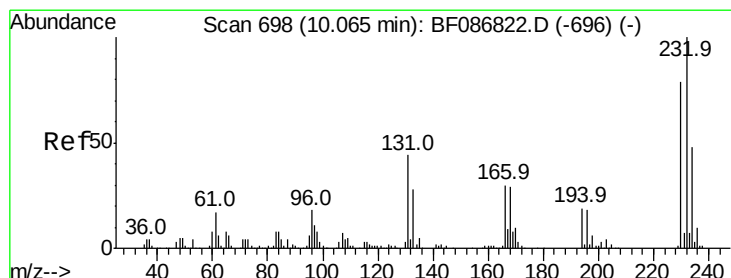
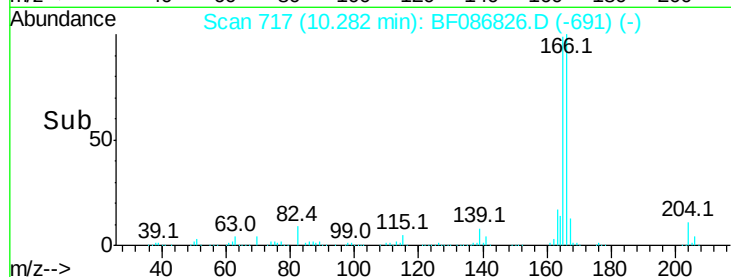
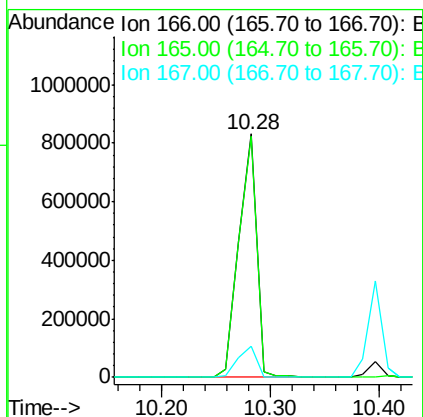
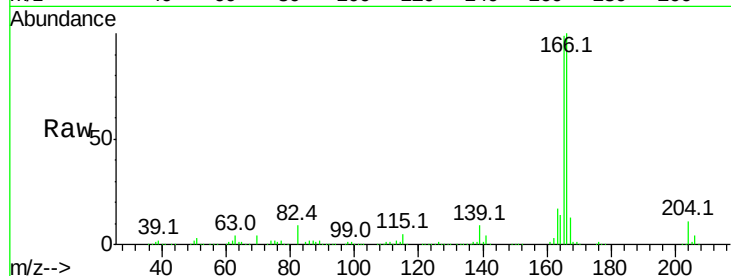
ClientSampleId :

ICVBF050916

Tot Ion	Ratio	Resp	Lower	Upper
166	100			
165	99.1	79.0	118.6	
167	13.0	10.6	15.8	

Manual Integrations
APPROVED

sohil
5/10/2016 11:06:36 AM



#58

2,3,4,6-Tetrachlorophenol

Concen: 40.32 ng

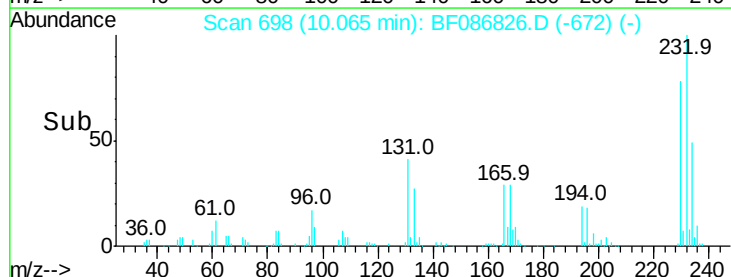
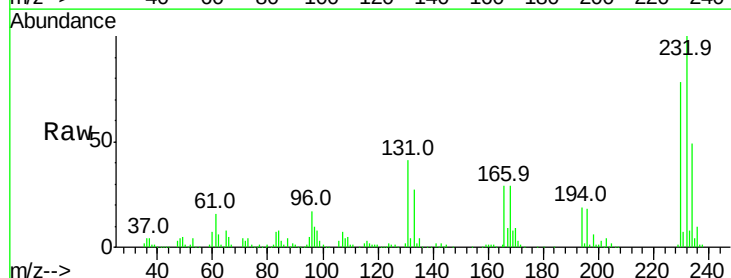
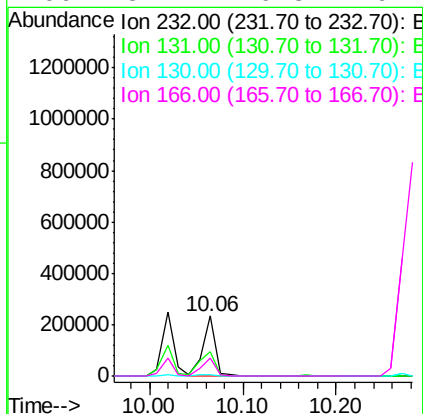
RT: 10.06 min Scan# 698

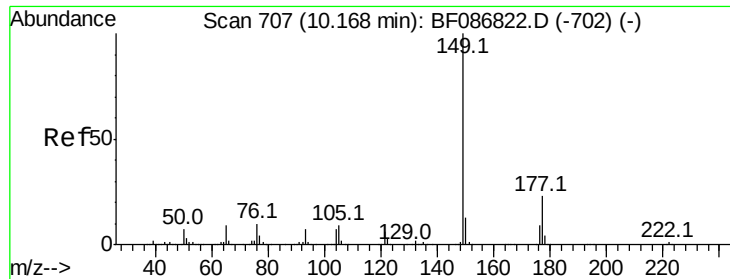
Delta R.T. -0.00 min

Lab File: BF086826.D

Acq: 9 May 2016 15:35

Tgt Ion	Ratio	Resp	Lower	Upper
232	100			
131	51.2	41.9	62.9	
130	2.6	2.2	3.4	
166	32.2	26.8	40.2	





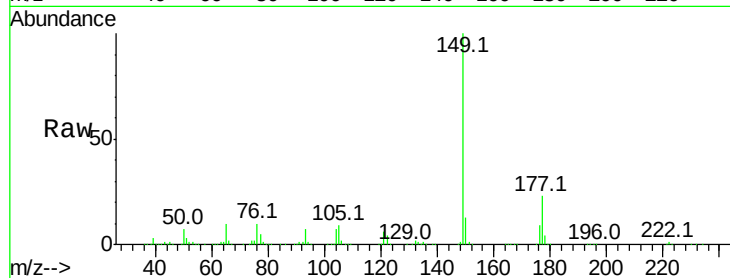
#59
Diethylphthalate
Concen: 40.11 ng
RT: 10.17 min Scan# 707
Delta R.T. -0.00 min
Lab File: BF086826.D
Acq: 9 May 2016 15:35

Instrument :
BNA_F
ClientSampleId :
ICVBF050916

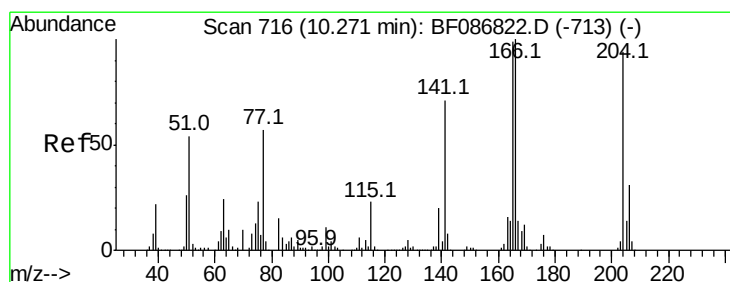
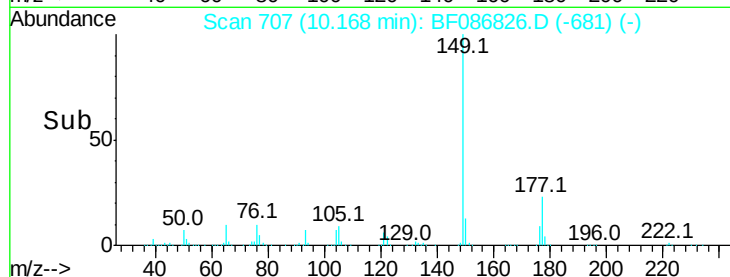
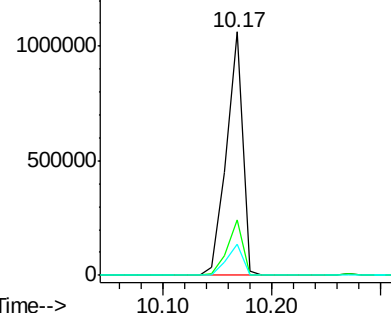
Tot Ion	Ratio	Lower	Upper
149	100		
177	22.9	16.6	24.8
150	12.7	10.0	15.0

Manual Integrations
APPROVED

sohil
5/10/2016 11:06:36 AM

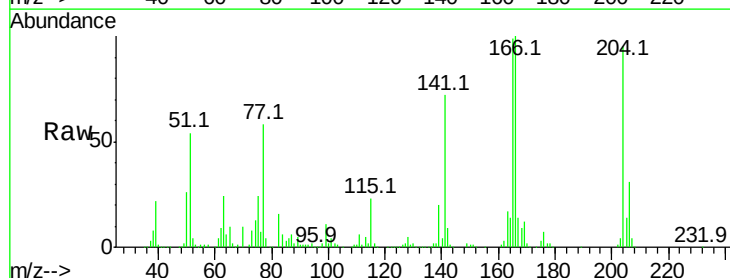


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

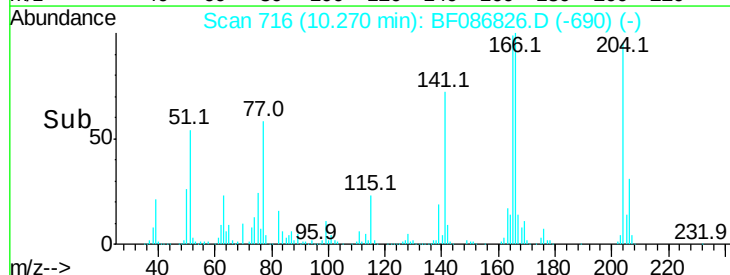
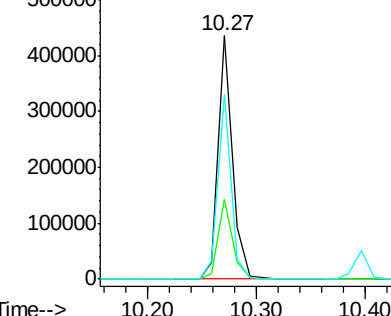


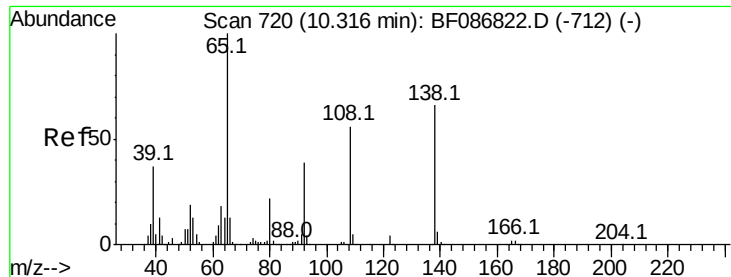
#60
4-Chlorophenyl-phenylether
Concen: 38.32 ng
RT: 10.27 min Scan# 716
Delta R.T. 0.00 min
Lab File: BF086826.D
Acq: 9 May 2016 15:35

Tgt Ion	Ratio	Lower	Upper
204	100		
206	32.7	25.4	38.0
141	75.7	61.6	92.4



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





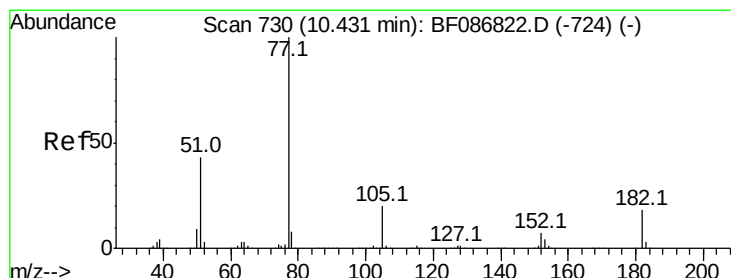
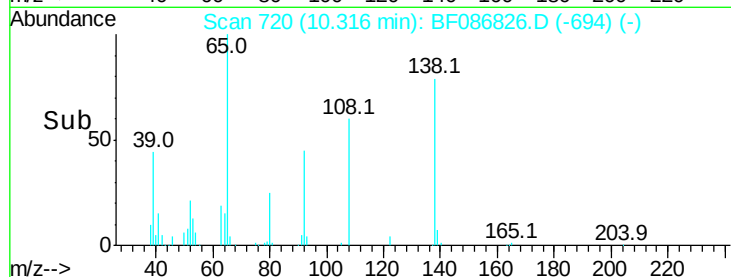
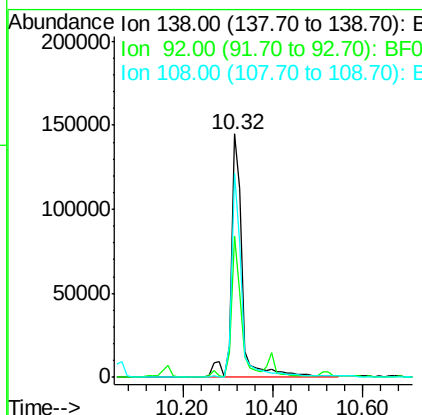
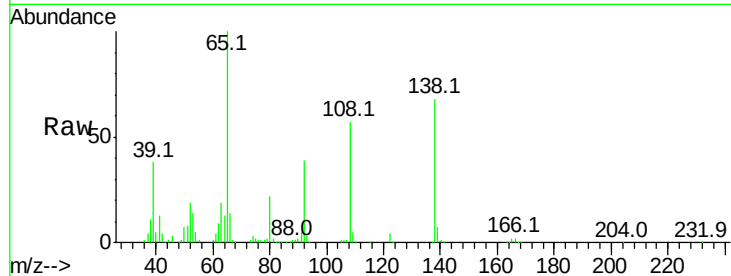
#61
4-Nitroaniline
Concen: 42.24 ng
RT: 10.32 min Scan# 720
Delta R.T. -0.00 min
Lab File: BF086826.D
Acq: 9 May 2016 15:35

Instrument :
BNA_F
ClientSampleId :
ICVBF050916

Tot Ion	Ratio	Lower	Upper
138	100		
92	57.9	24.7	64.7
108	83.6	37.4	77.4

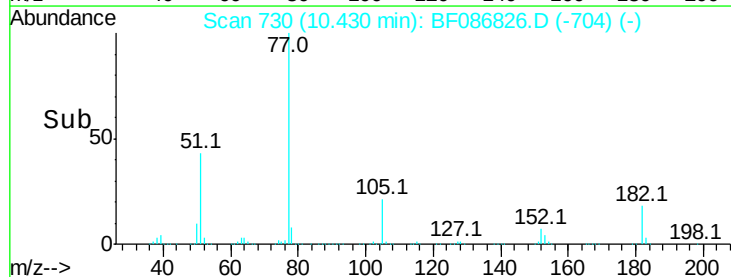
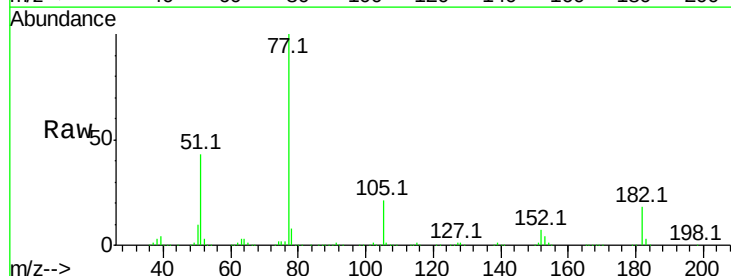
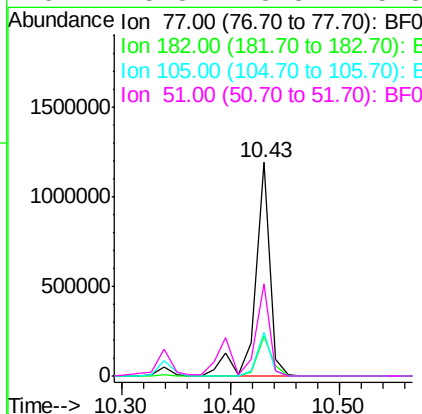
Manual Integrations
APPROVED

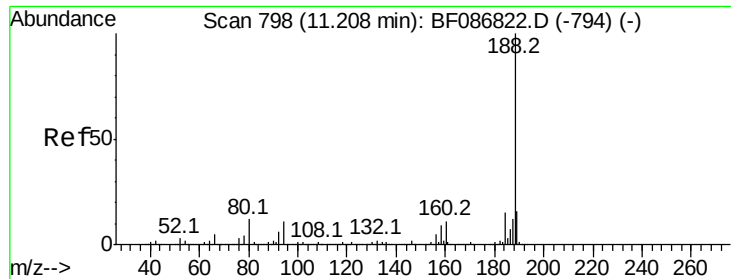
sohil
5/10/2016 11:06:36 AM



#62
Azobenzene
Concen: 38.88 ng
RT: 10.43 min Scan# 730
Delta R.T. -0.00 min
Lab File: BF086826.D
Acq: 9 May 2016 15:35

Tgt Ion	Ratio	Lower	Upper
77	100		
182	18.4	0.0	38.8
105	20.6	3.2	43.2
51	43.3	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: BF086826.D

Acq: 9 May 2016 15:35

Instrument :

BNA_F

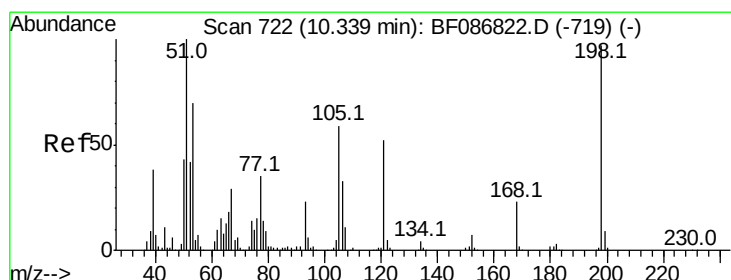
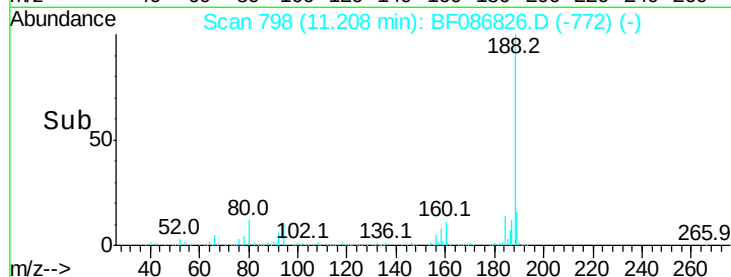
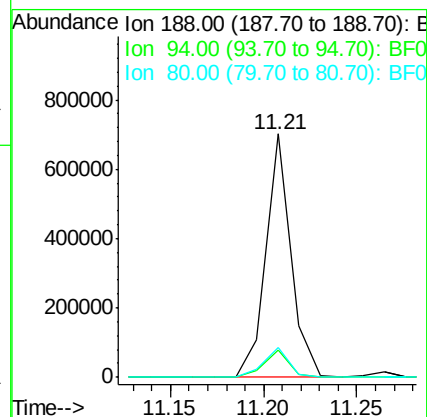
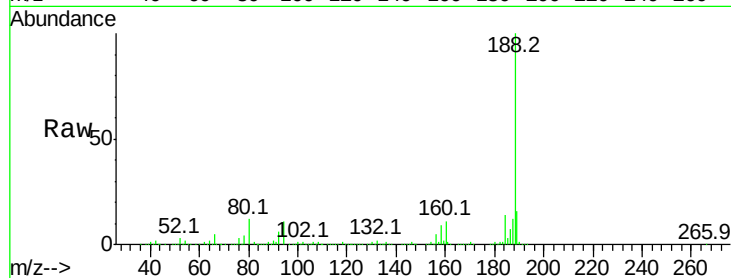
ClientSampleId :

ICVBF050916

Tot Ion:	188	Resp:	663722
Ion Ratio	Lower	Upper	
188	100		
94	11.1	6.8	10.2#
80	12.2	7.1	10.7#

Manual Integrations
APPROVED

sohil
5/10/2016 11:06:36 AM



#64

4,6-Dinitro-2-methylphenol

Concen: 38.13 ng

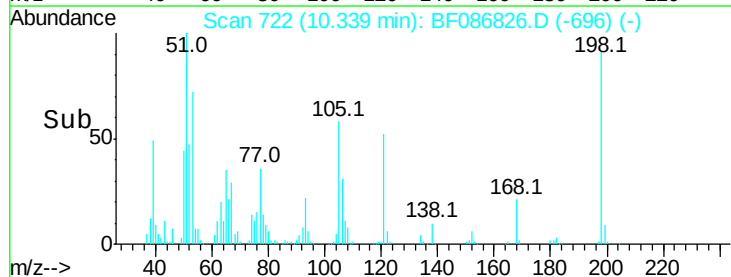
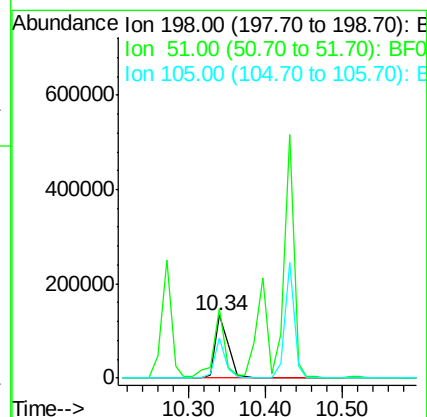
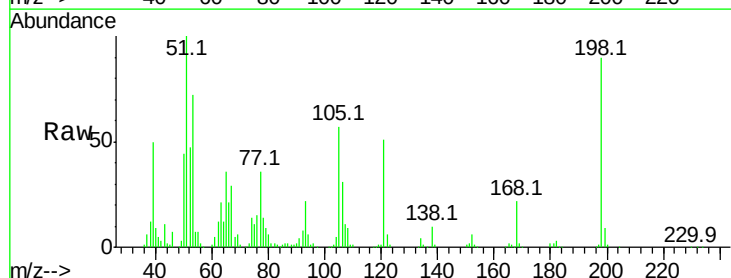
RT: 10.34 min Scan# 722

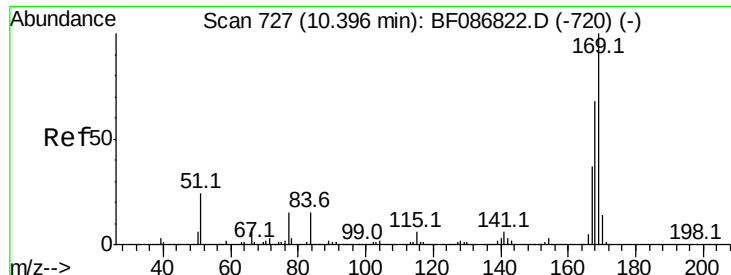
Delta R.T. -0.00 min

Lab File: BF086826.D

Acq: 9 May 2016 15:35

Tgt Ion:	198	Resp:	157205
Ion Ratio	Lower	Upper	
198	100		
51	110.8	20.5	60.5#
105	63.6	24.5	64.5





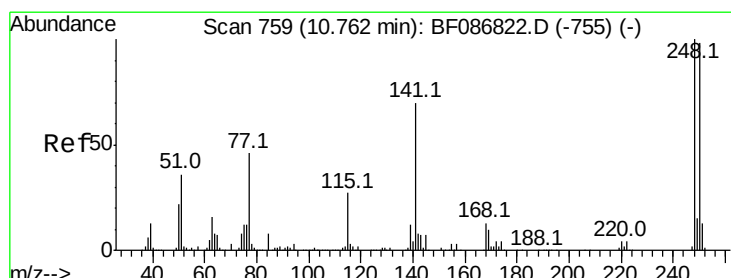
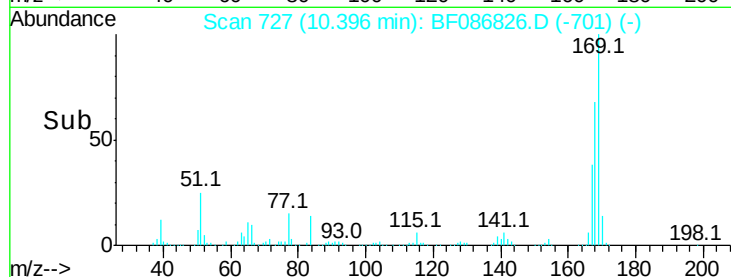
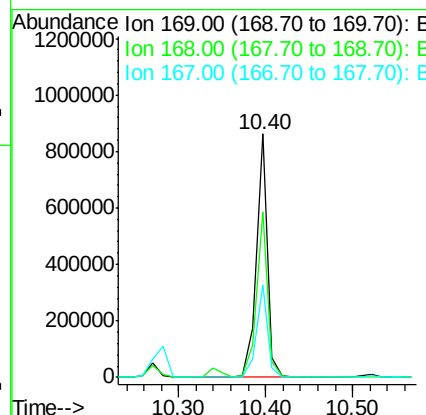
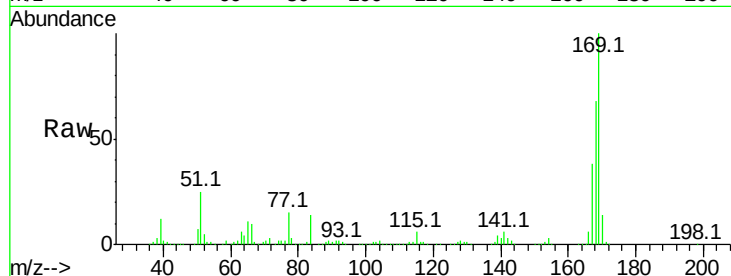
#65
n-Nitrosodiphenylamine
Concen: 38.05 ng
RT: 10.40 min Scan# 727
Delta R.T. -0.00 min
Lab File: BF086826.D
Acq: 9 May 2016 15:35

Instrument :
BNA_F
ClientSampleId :
ICVBF050916

Tot Ion	Ratio	Resp	Lower	Upper
169	100	775870		
168	68.2		53.8	80.6
167	38.0		29.5	44.3

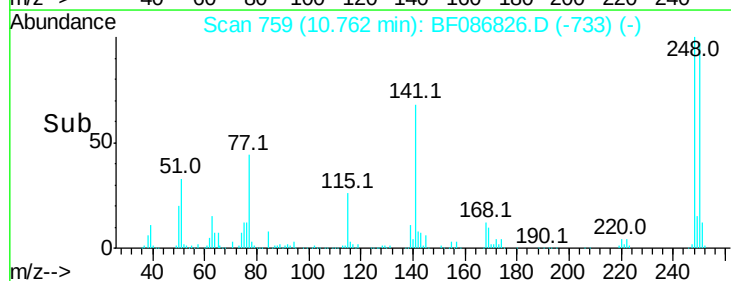
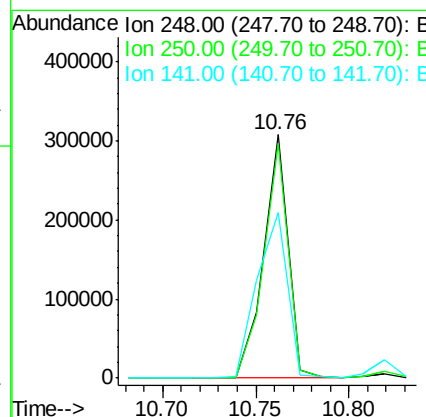
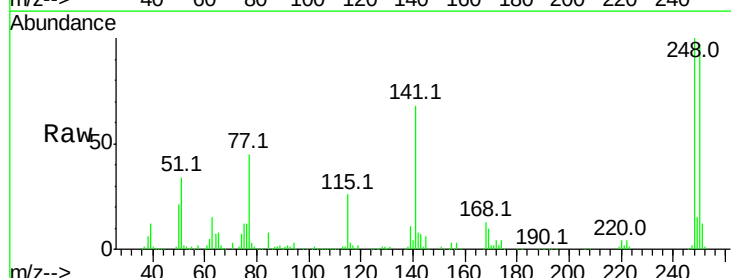
Manual Integrations
APPROVED

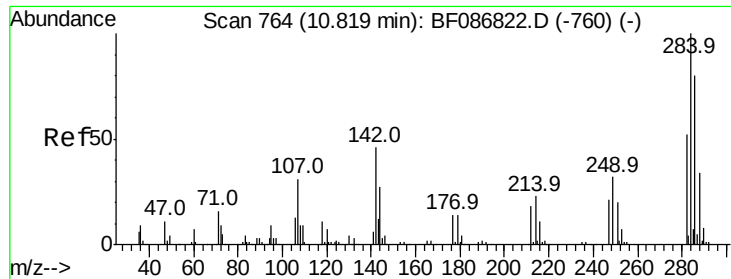
sohil
5/10/2016 11:06:36 AM



#66
4-Bromophenyl-phenylether
Concen: 41.21 ng
RT: 10.76 min Scan# 759
Delta R.T. -0.00 min
Lab File: BF086826.D
Acq: 9 May 2016 15:35

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	277346		
250	96.5		78.6	117.8
141	67.8		76.0	114.0#





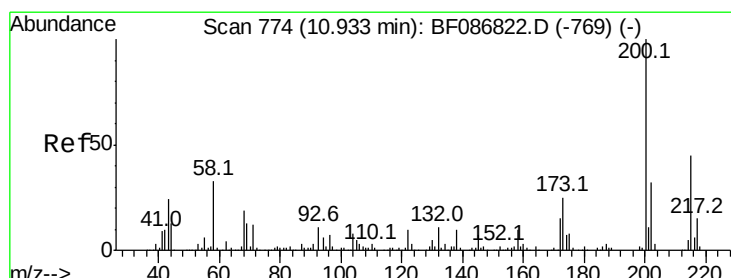
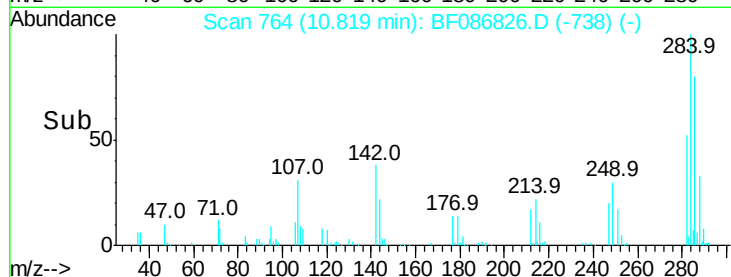
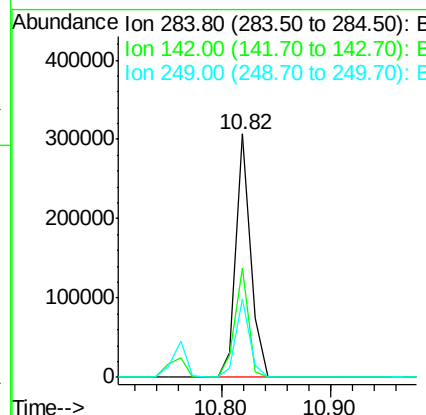
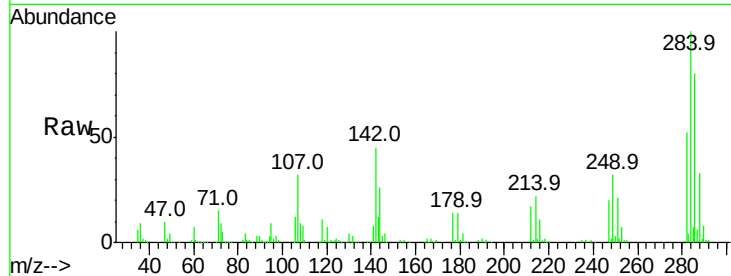
#67
Hexachlorobenzene
Concen: 36.25 ng
RT: 10.82 min Scan# 764
Delta R.T. -0.00 min
Lab File: BF086826.D
Acq: 9 May 2016 15:35

Instrument :
BNA_F
ClientSampleId :
ICVBF050916

Tot Ion	Ratio	Resp Lower	Upper
284	100		
142	44.7	16.7	25.1#
249	32.3	21.3	31.9#

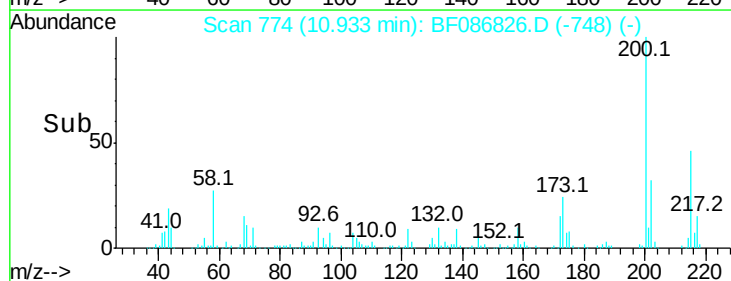
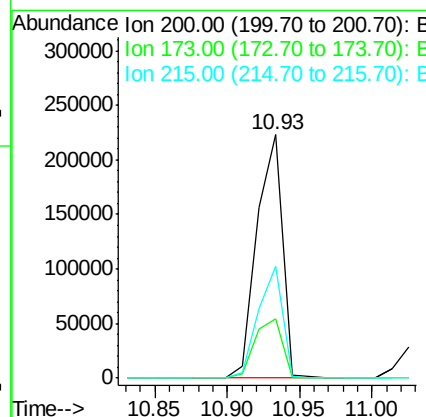
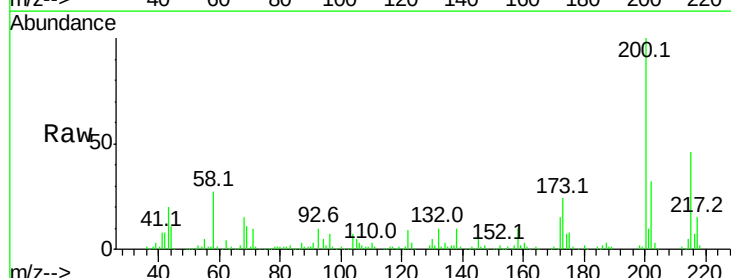
Manual Integrations
APPROVED

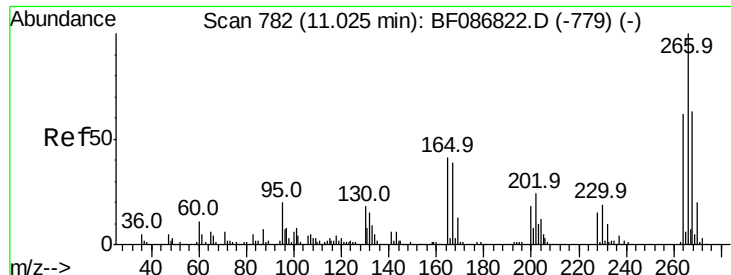
sohil
5/10/2016 11:06:36 AM



#68
Atrazine
Concen: 39.88 ng
RT: 10.93 min Scan# 774
Delta R.T. -0.00 min
Lab File: BF086826.D
Acq: 9 May 2016 15:35

Tgt Ion	Ratio	Resp Lower	Upper
200	100		
173	24.4	8.5	48.5
215	46.0	27.2	67.2





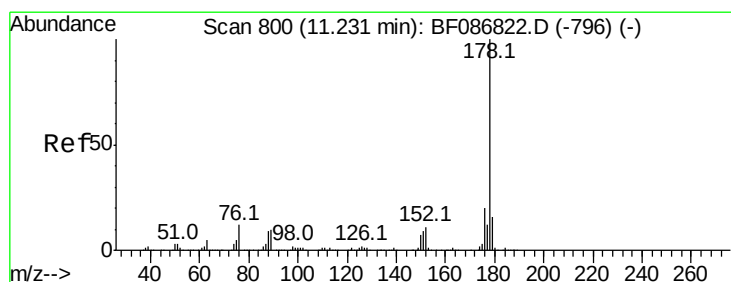
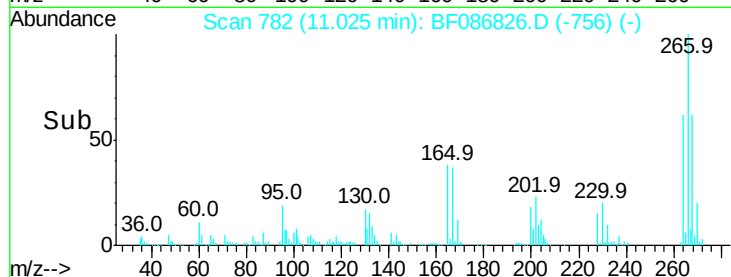
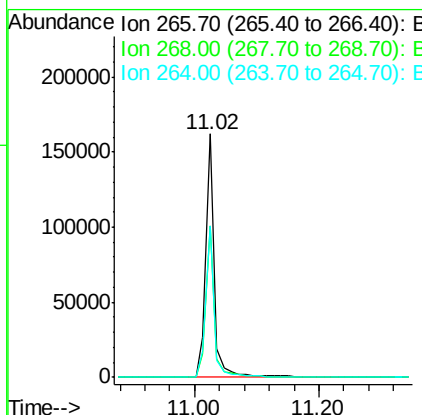
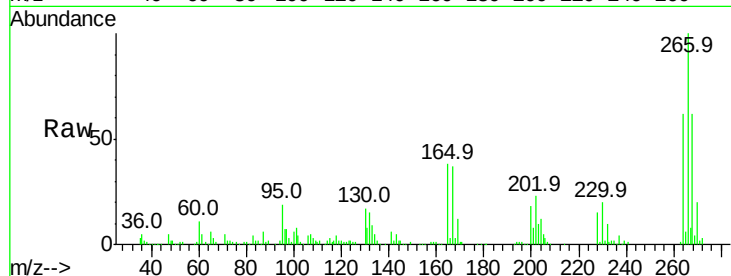
#69
 Pentachlorophenol
 Concen: 43.61 ng
 RT: 11.02 min Scan# 782
 Delta R.T. -0.00 min
 Lab File: BF086826.D
 Acq: 9 May 2016 15:35

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF050916

Tot Ion	Ratio	Resp	Lower	Upper
266	100	158507		
268	62.2		51.5	77.3
264	62.0		52.9	79.3

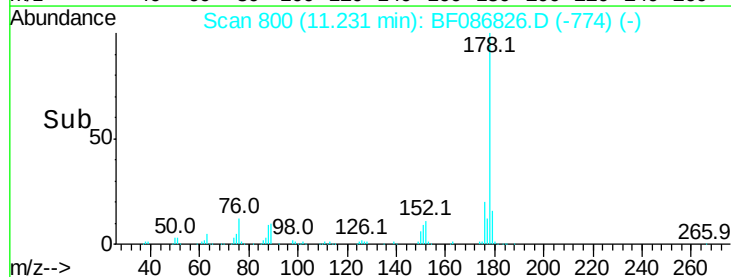
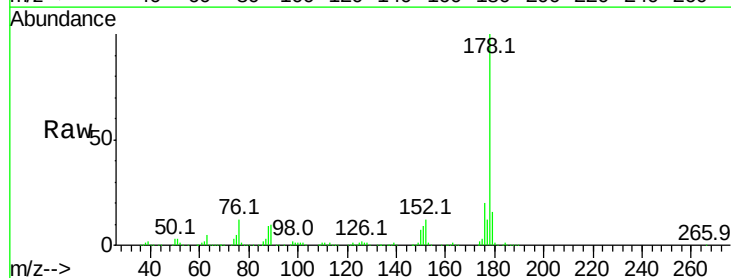
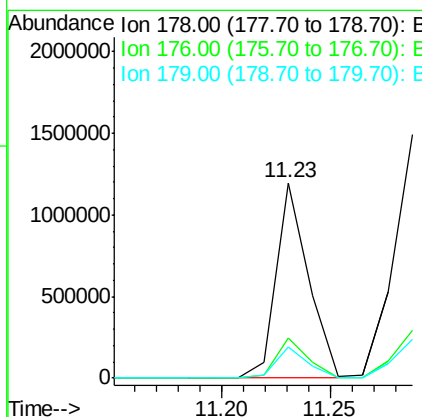
Manual Integrations
 APPROVED

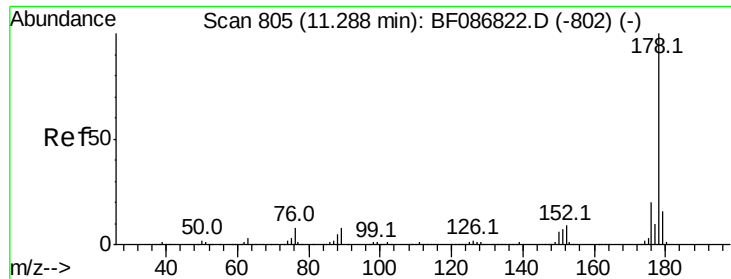
sohil
 5/10/2016 11:06:36 AM



#70
 Phenanthrene
 Concen: 35.14 ng
 RT: 11.23 min Scan# 800
 Delta R.T. -0.00 min
 Lab File: BF086826.D
 Acq: 9 May 2016 15:35

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	1244515		
176	20.3		16.0	24.0
179	16.0		12.6	18.8





#71

Anthracene

Concen: 40.39 ng

RT: 11.29 min Scan# 805

Delta R.T. -0.00 min

Lab File: BF086826.D

Acq: 9 May 2016 15:35

Instrument :

BNA_F

ClientSampleId :

ICVBF050916

Tot Ion:178 Resp: 1463056

Ion Ratio Lower Upper

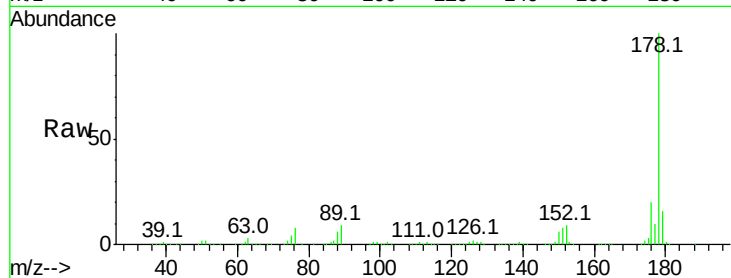
178 100

176 19.7 15.6 23.4

179 15.8 12.7 19.1

Manual Integrations
APPROVED

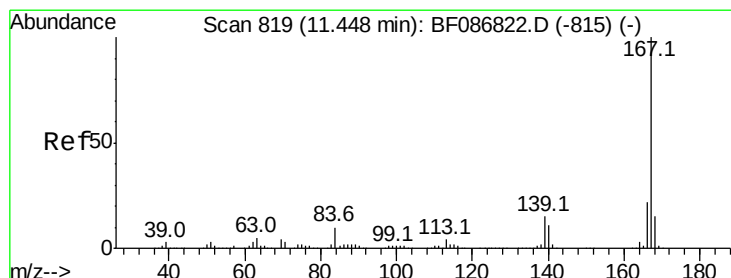
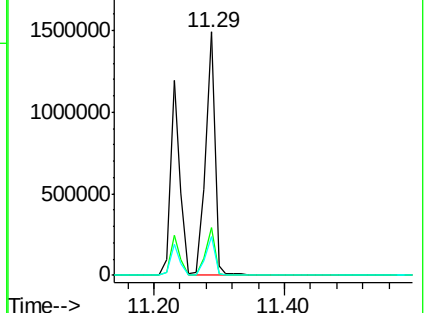
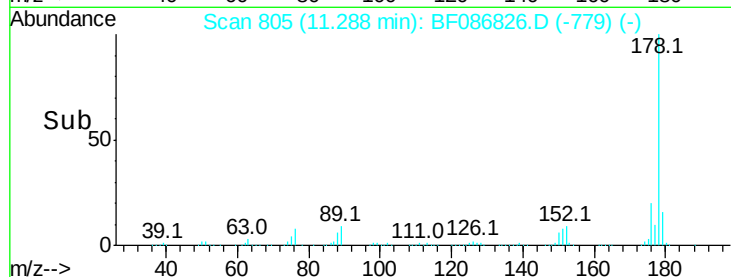
sohil
5/10/2016 11:06:36 AM



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: 38.70 ng

RT: 11.45 min Scan# 819

Delta R.T. -0.00 min

Lab File: BF086826.D

Acq: 9 May 2016 15:35

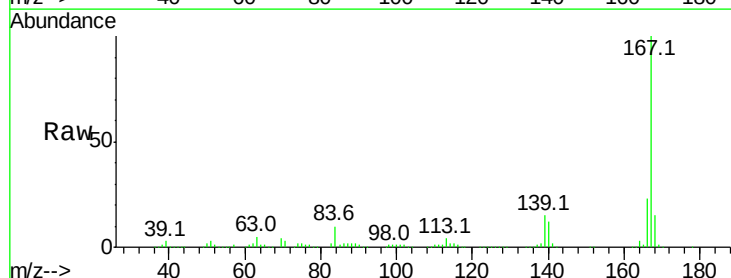
Tgt Ion:167 Resp: 1205263

Ion Ratio Lower Upper

167 100

166 22.6 17.7 26.5

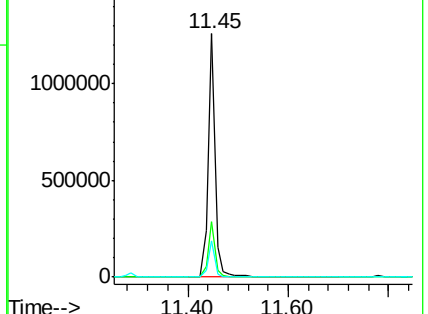
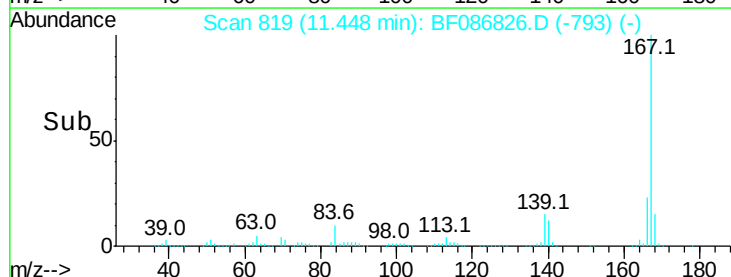
139 14.7 10.8 16.2

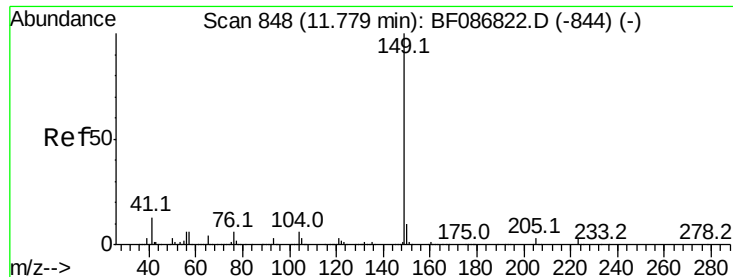


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 39.18 ng

RT: 11.78 min Scan# 848

Delta R.T. -0.00 min

Lab File: BF086826.D

Acq: 9 May 2016 15:35

Instrument :

BNA_F

ClientSampleId :

ICVBF050916

Tot Ion:149 Resp: 1489820

Ion Ratio Lower Upper

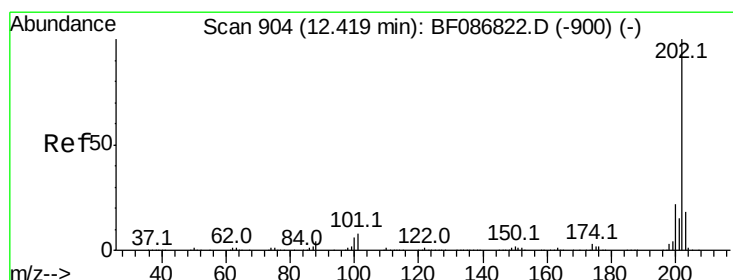
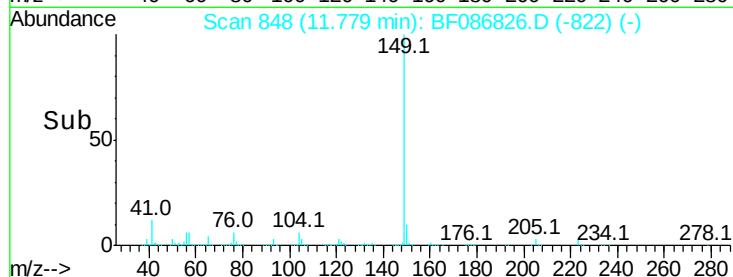
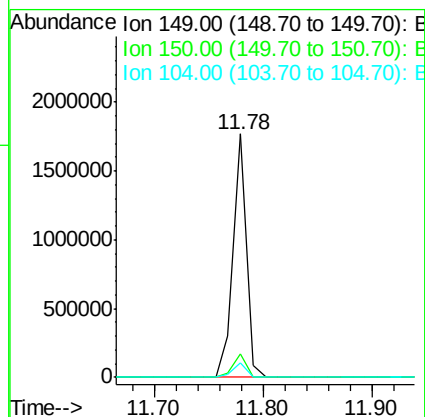
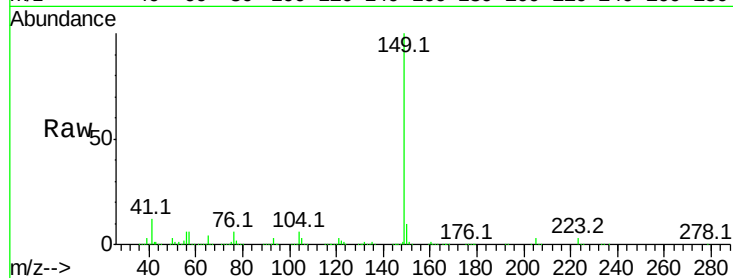
149 100

150 9.6 7.6 11.4

104 6.0 3.8 5.6#

Manual Integrations
APPROVED

sohil
5/10/2016 11:06:36 AM



#74

Fluoranthene

Concen: 41.07 ng

RT: 12.42 min Scan# 904

Delta R.T. -0.00 min

Lab File: BF086826.D

Acq: 9 May 2016 15:35

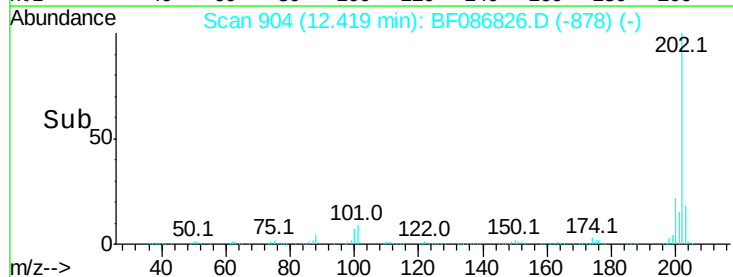
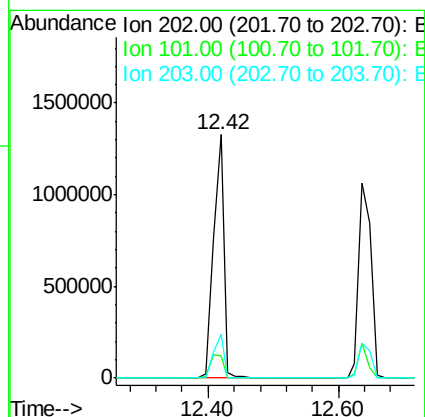
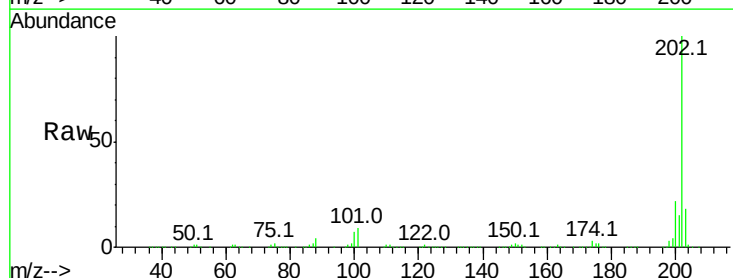
Tgt Ion:202 Resp: 1496210

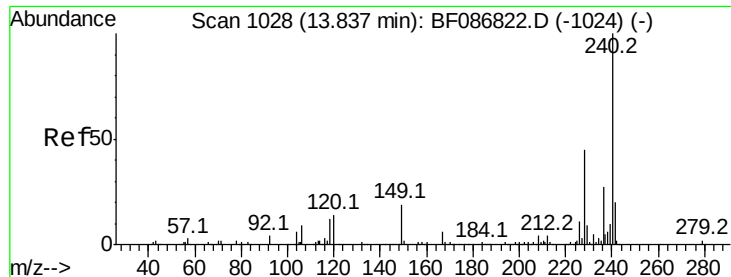
Ion Ratio Lower Upper

202 100

101 9.1 0.0 35.4

203 17.8 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: BF086826.D

Acq: 9 May 2016 15:35

Instrument :

BNA_F

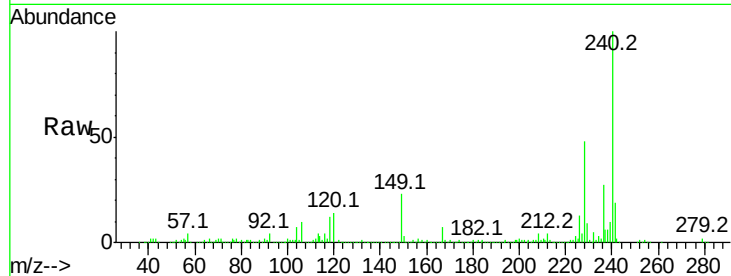
ClientSampleId :

ICVBF050916

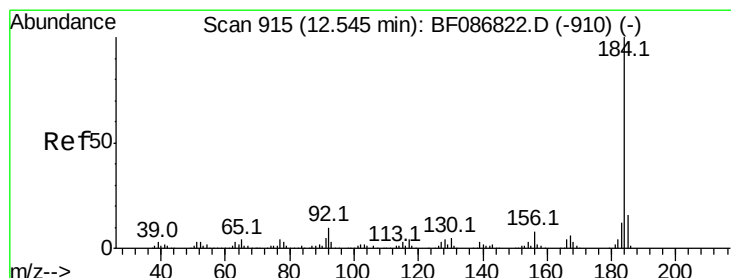
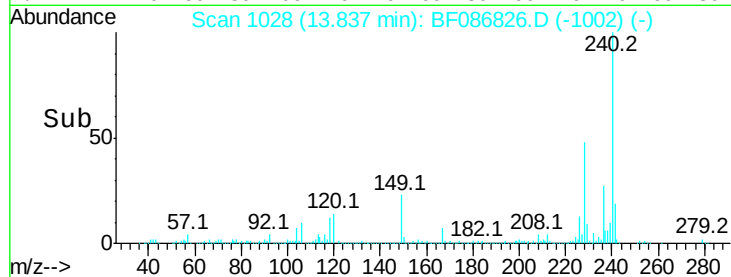
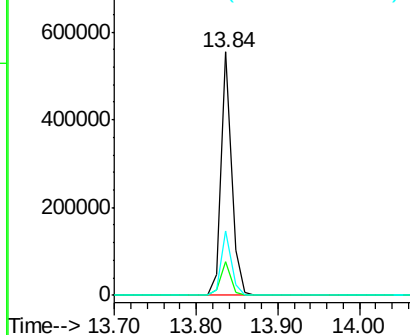
Tot Ion:	240	Resp:	493762
Ion Ratio	Lower	Upper	
240	100		
120	13.6	11.2	16.8
236	26.7	21.2	31.8

Manual Integrations
APPROVED

sohil
5/10/2016 11:06:36 AM



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



#76

Benzidine

Concen: 43.28 ng

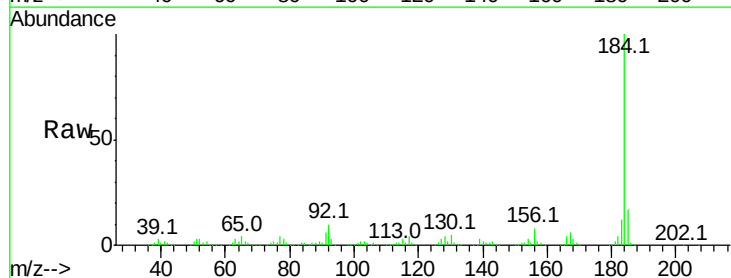
RT: 12.54 min Scan# 915

Delta R.T. -0.00 min

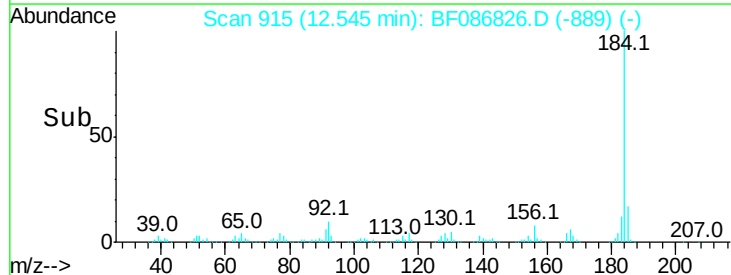
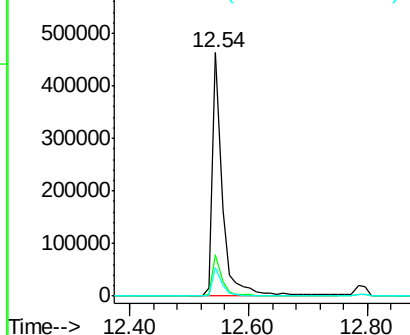
Lab File: BF086826.D

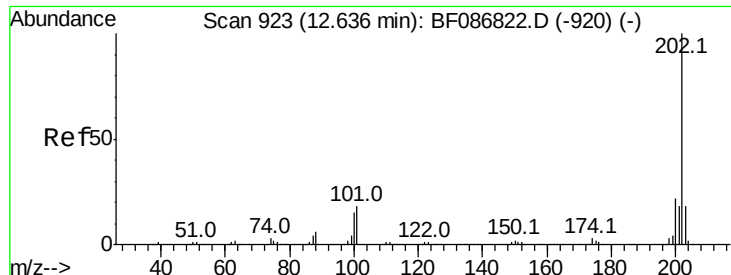
Acq: 9 May 2016 15:35

Tgt Ion:	184	Resp:	544842
Ion Ratio	Lower	Upper	
184	100		
185	17.1	13.6	20.4
183	11.7	9.8	14.6



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





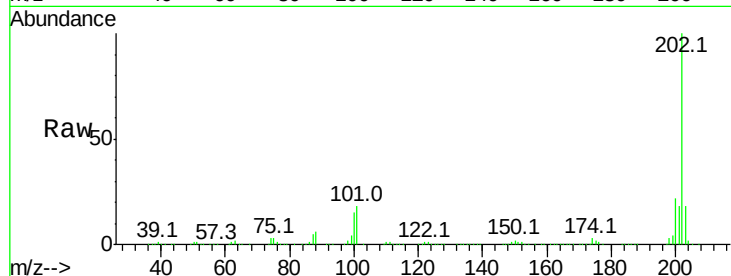
#77
Pvrene
Concen: 36.59 ng
RT: 12.64 min Scan# 923
Delta R.T. -0.00 min
Lab File: BF086826.D
Acq: 9 May 2016 15:35

Instrument :
BNA_F
ClientSampleId :
ICVBF050916

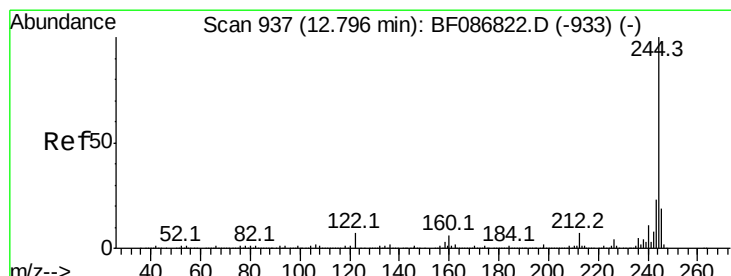
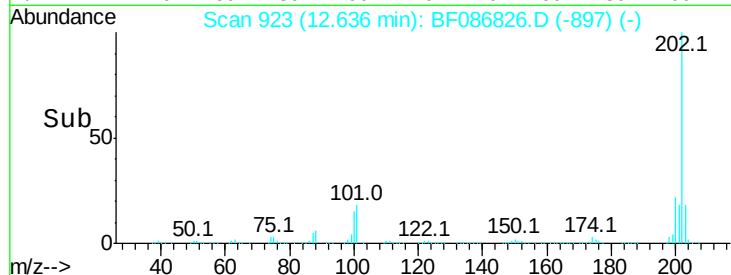
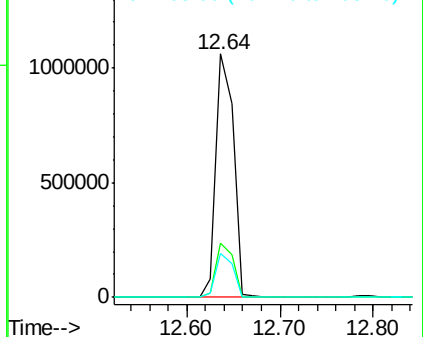
Tot Ion	Ratio	Lower	Upper
202	100		
200	22.3	17.7	26.5
203	18.2	14.2	21.4

Manual Integrations
APPROVED

sohil
5/10/2016 11:06:36 AM



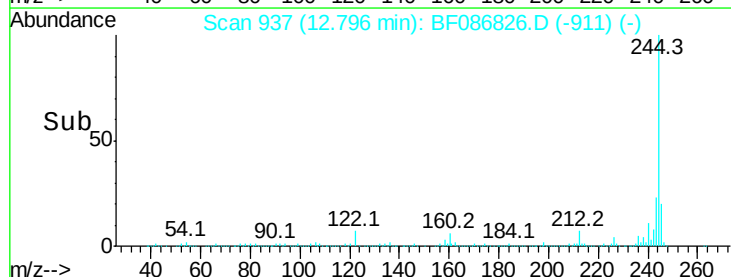
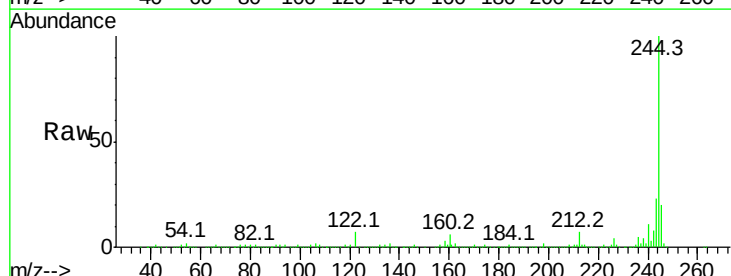
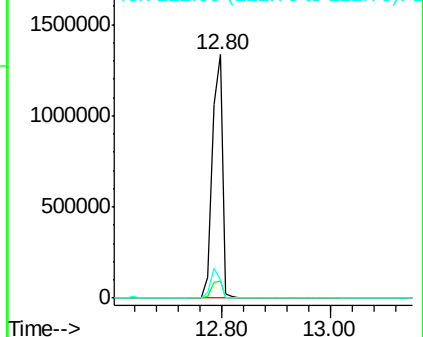
Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

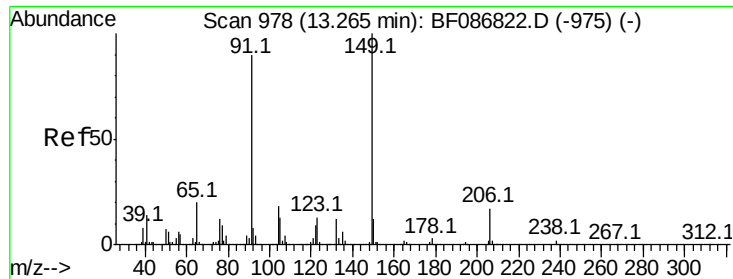


#78
Terphenyl-d14
Concen: 75.47 ng
RT: 12.80 min Scan# 937
Delta R.T. -0.00 min
Lab File: BF086826.D
Acq: 9 May 2016 15:35

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.0	6.2	9.2
122	7.3	12.0	18.0#

Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E





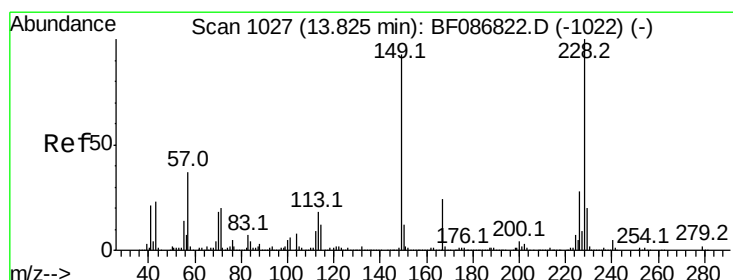
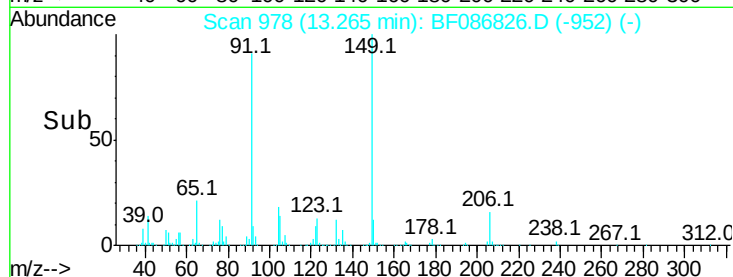
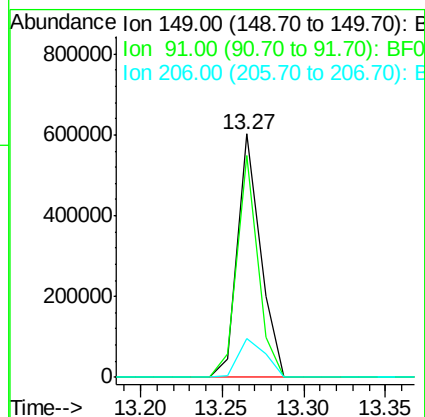
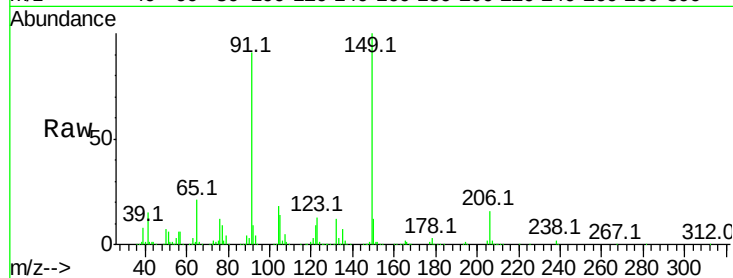
#79
Butylbenzylphthalate
Concen: 36.71 ng
RT: 13.27 min Scan# 978
Delta R.T. -0.00 min
Lab File: BF086826.D
Acq: 9 May 2016 15:35

Instrument :
BNA_F
ClientSampleId :
ICVBF050916

Tot Ion	Ratio	Resp	Lower	Upper
149	100	587006		
91	90.9	48.0	72.0#	
206	16.1	15.8	23.6	

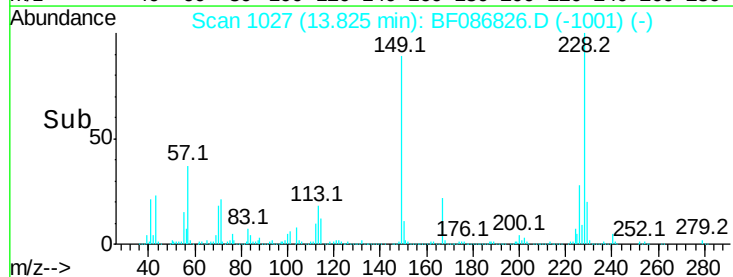
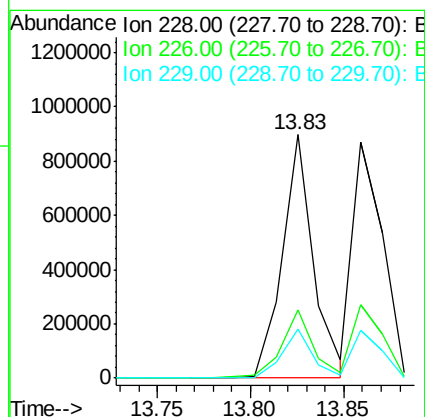
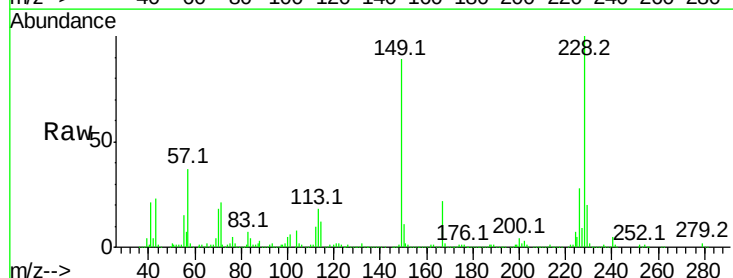
Manual Integrations
APPROVED

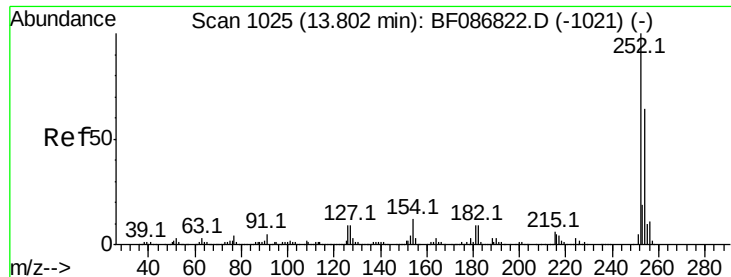
sohil
5/10/2016 11:06:36 AM



#80
Benzo(a)anthracene
Concen: 37.39 ng
RT: 13.83 min Scan# 1027
Delta R.T. -0.00 min
Lab File: BF086826.D
Acq: 9 May 2016 15:35

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	1036508		
226	28.3	22.5	33.7	
229	20.0	16.6	25.0	





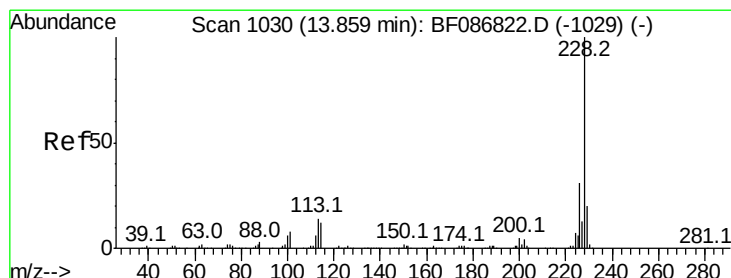
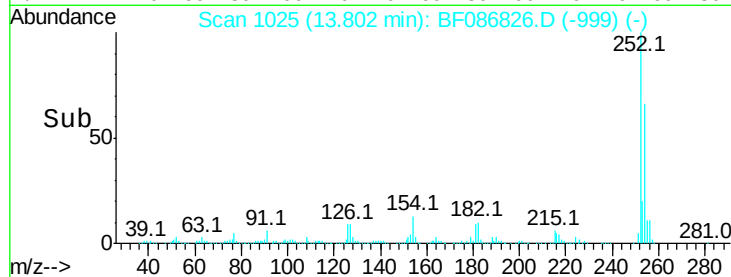
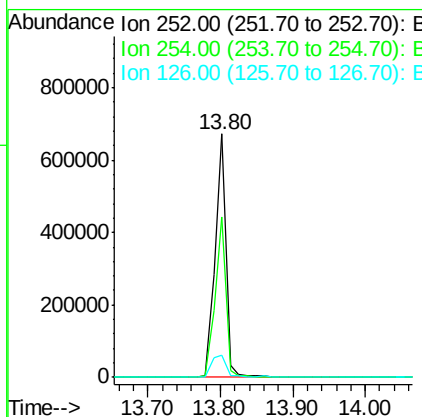
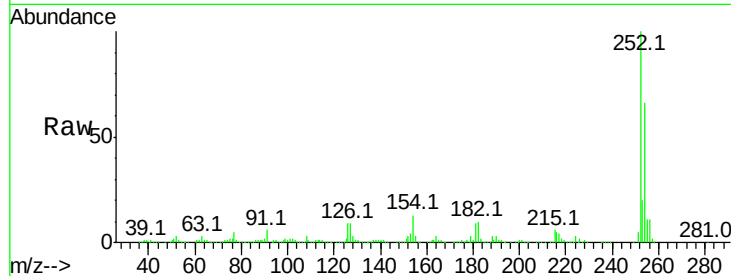
#81
 3,3'-Dichlorobenzidine
 Concen: 39.97 ng
 RT: 13.80 min Scan# 1025
 Delta R.T. -0.00 min
 Lab File: BF086826.D
 Acq: 9 May 2016 15:35

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF050916

Tot Ion	Ratio	Resp	Lower	Upper
252	100	703881		
254	65.8		50.7	76.1
126	9.1		12.7	19.1

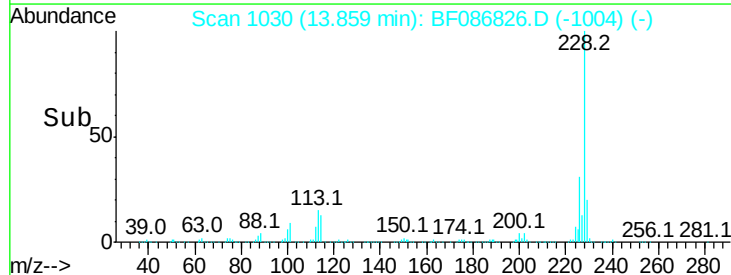
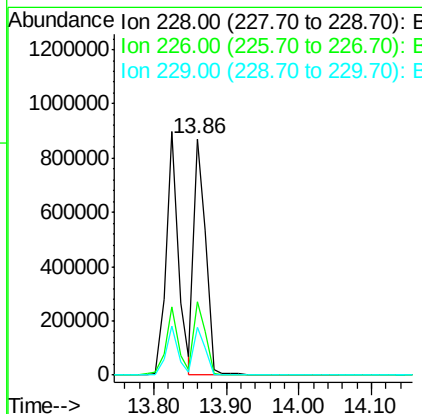
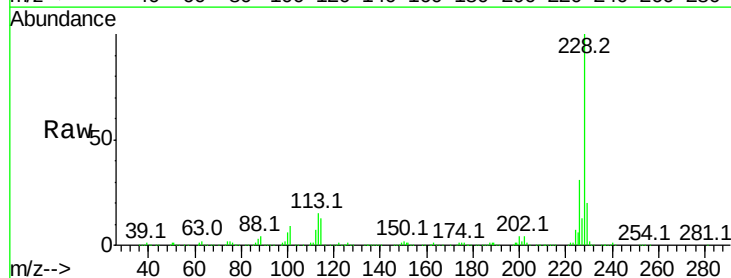
Manual Integrations
 APPROVED

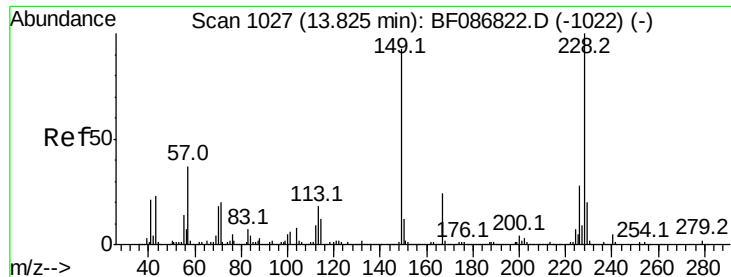
sohil
 5/10/2016 11:06:36 AM



#82
 Chrysene
 Concen: 35.36 ng
 RT: 13.86 min Scan# 1030
 Delta R.T. -0.00 min
 Lab File: BF086826.D
 Acq: 9 May 2016 15:35

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	996875		
226	31.4		24.4	36.6
229	20.2		15.8	23.8





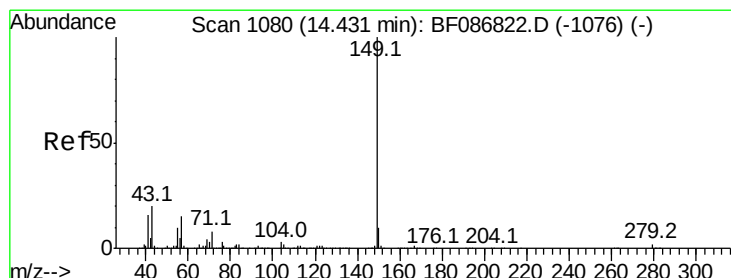
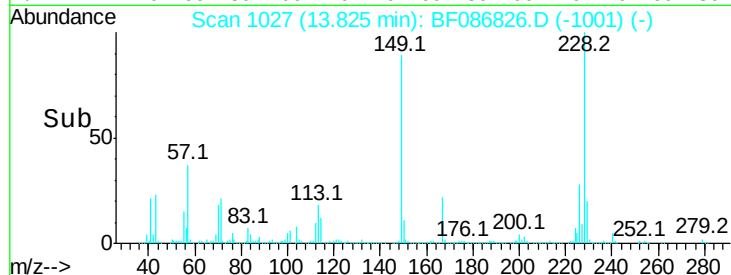
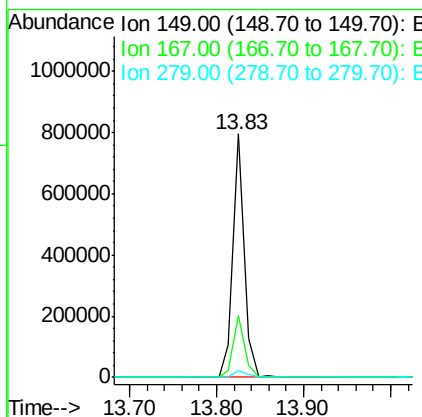
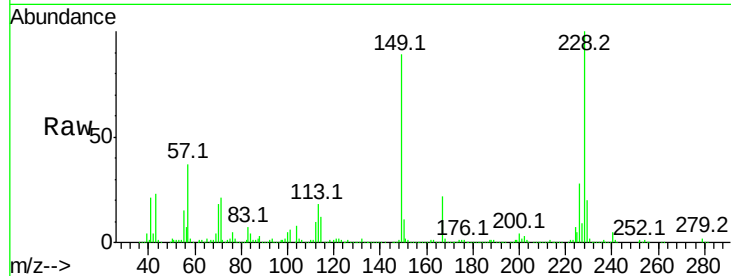
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 37.10 ng
 RT: 13.83 min Scan# 1027
 Delta R.T. -0.00 min
 Lab File: BF086826.D
 Acq: 9 May 2016 15:35

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF050916

Tot Ion	Ratio	Resp	Lower	Upper
149	100			
167	25.3	21.8	32.6	
279	2.6	2.6	4.0#	

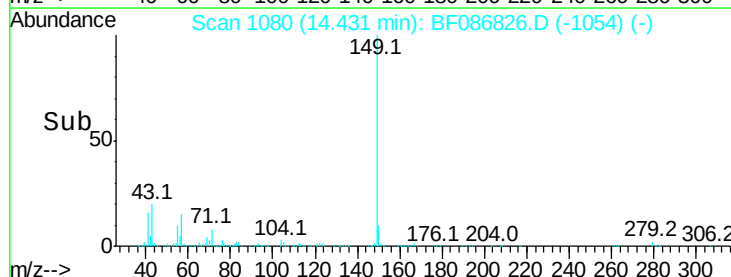
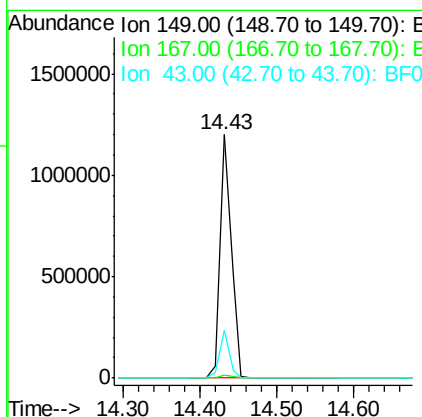
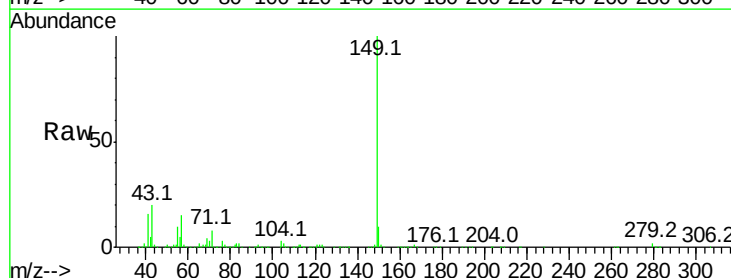
Manual Integrations
 APPROVED

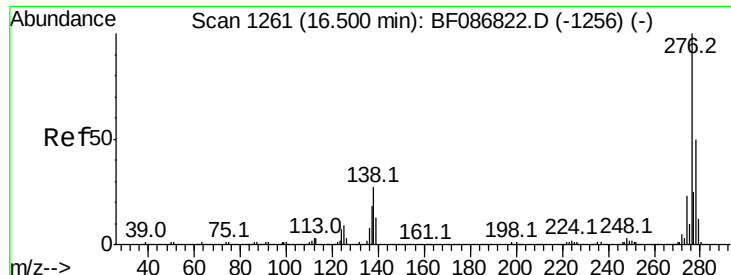
sohil
 5/10/2016 11:06:36 AM



#84
 Di-n-octyl phthalate
 Concen: 38.55 ng
 RT: 14.43 min Scan# 1080
 Delta R.T. -0.00 min
 Lab File: BF086826.D
 Acq: 9 May 2016 15:35

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





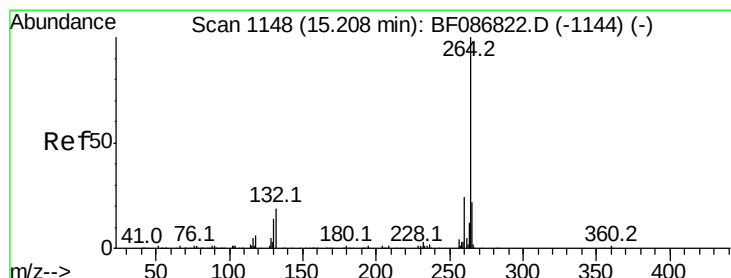
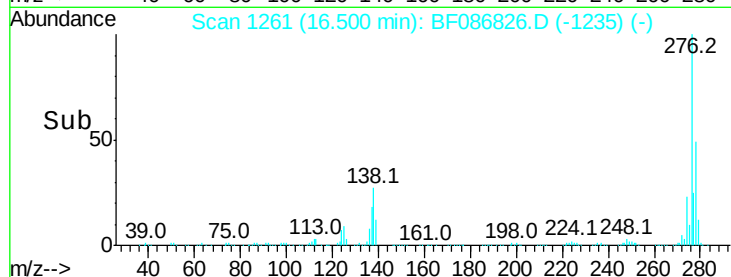
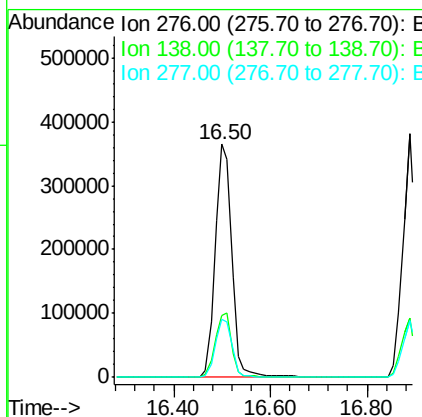
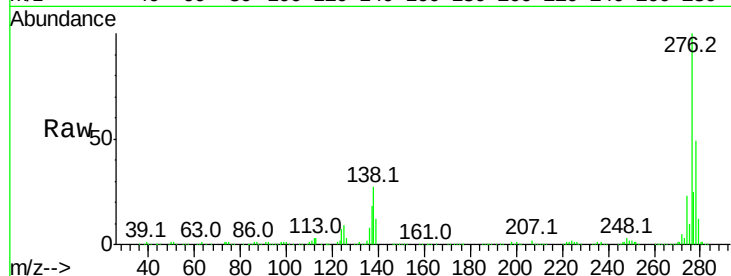
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 37.80 ng
 RT: 16.50 min Scan# 1261
 Delta R.T. -0.00 min
 Lab File: BF086826.D
 Acq: 9 May 2016 15:35

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF050916

Tot Ion	Ratio	Resp	Lower	Upper
276	100	886737		
138	27.6		25.6	38.4
277	25.2		20.5	30.7

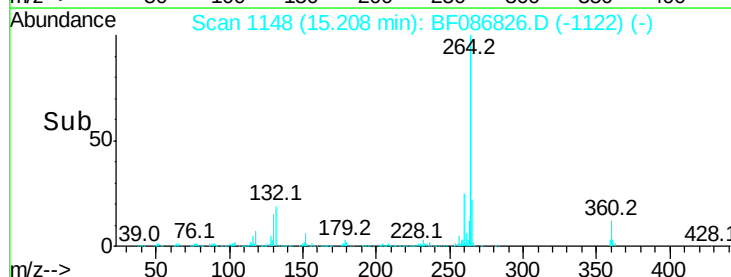
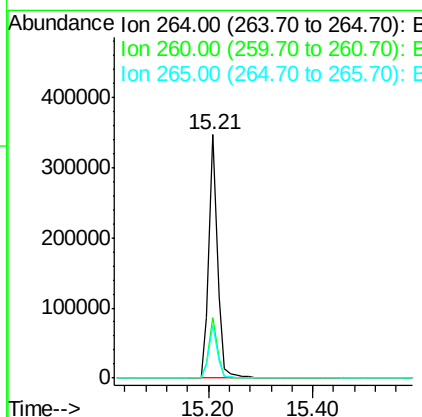
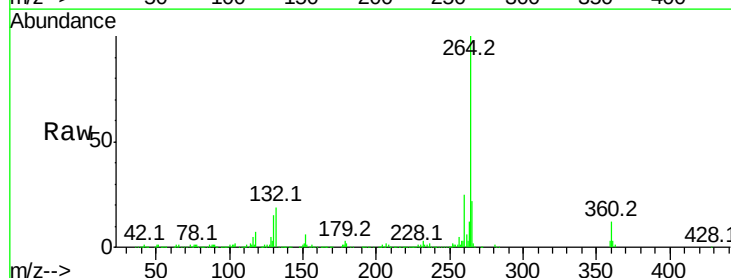
Manual Integrations
 APPROVED

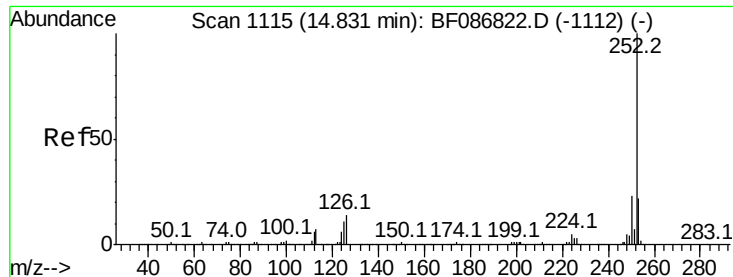
sohil
 5/10/2016 11:06:36 AM



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.21 min Scan# 1148
 Delta R.T. -0.00 min
 Lab File: BF086826.D
 Acq: 9 May 2016 15:35

Tgt Ion	Ratio	Resp	Lower	Upper
264	100	400991		
260	24.8		19.5	29.3
265	21.7		17.3	25.9





#87

Benzo(b)fluoranthene

Concen: 36.55 ng m

RT: 14.83 min Scan# 1115

Delta R.T. -0.00 min

Lab File: BF086826.D

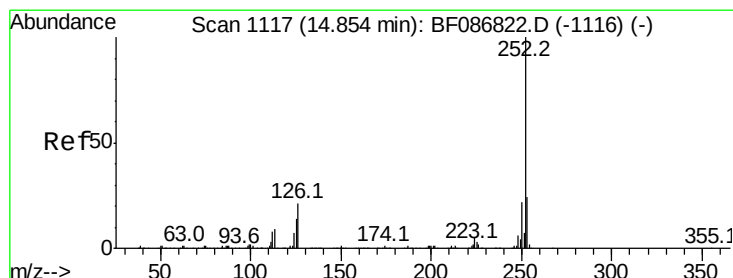
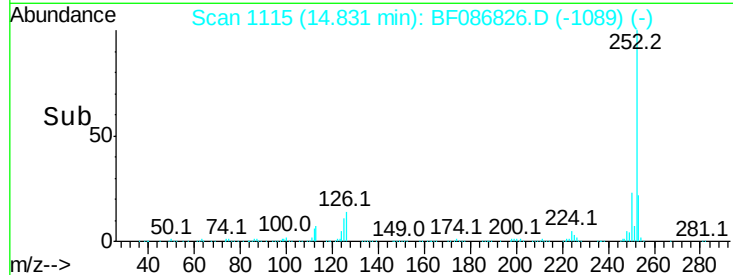
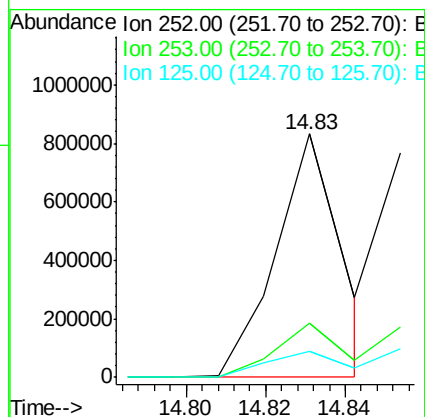
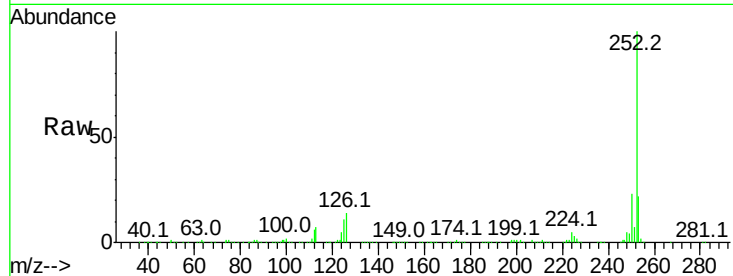
Acq: 9 May 2016 15:35

Instrument :
BNA_F
ClientSampleId :
ICVBF050916

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.8	26.6
125	10.6	11.4	17.0

Manual Integrations
APPROVED

sohil
5/10/2016 11:06:36 AM



#88

Benzo(k)fluoranthene

Concen: 39.74 ng m

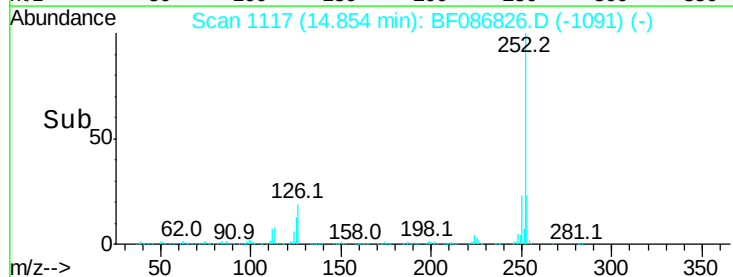
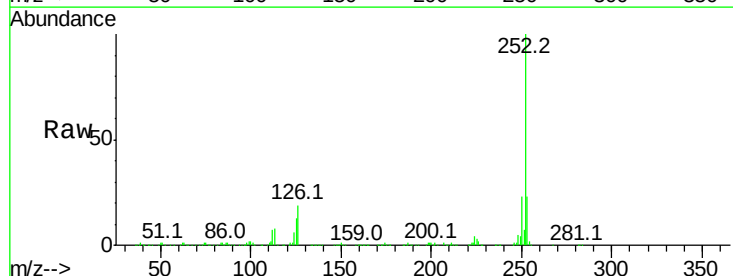
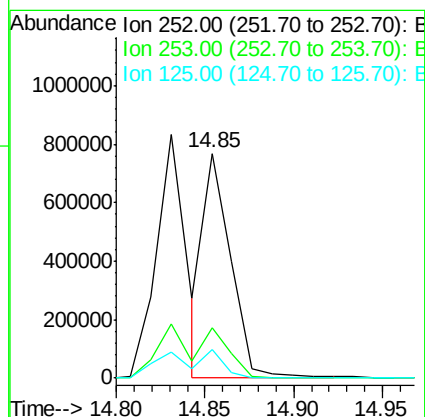
RT: 14.85 min Scan# 1117

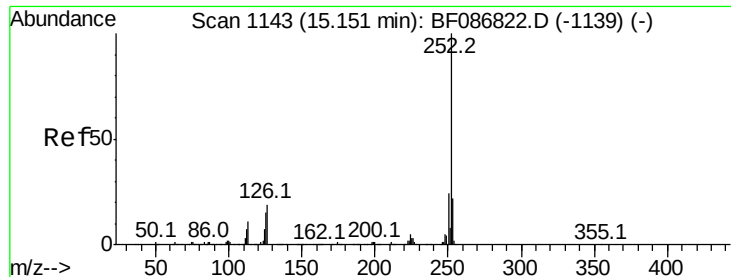
Delta R.T. -0.00 min

Lab File: BF086826.D

Acq: 9 May 2016 15:35

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.8	26.6
125	12.7	9.1	13.7





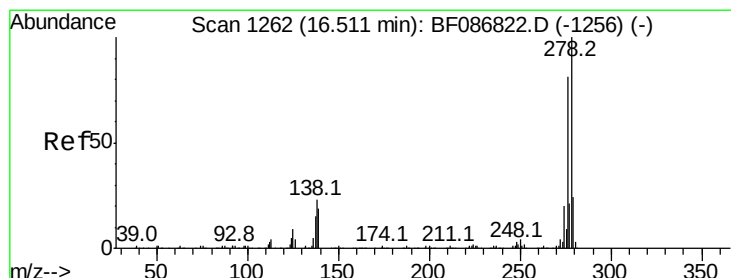
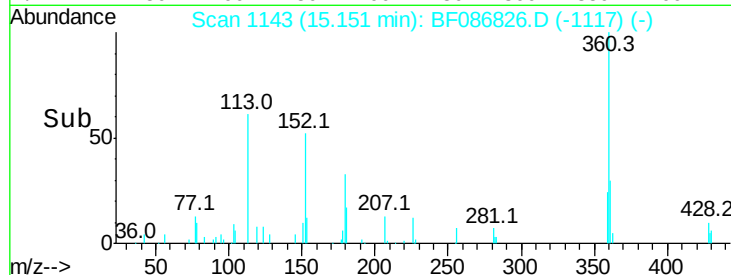
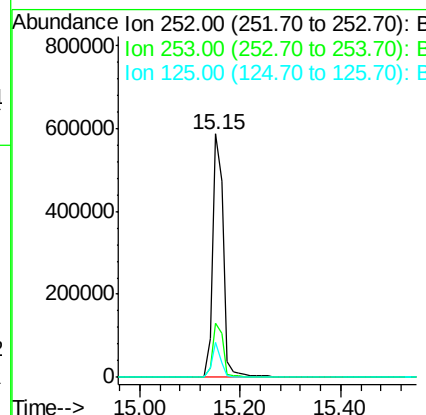
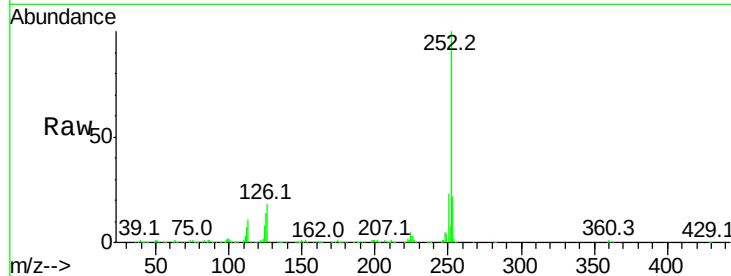
#89
Benzo(a)pyrene
Concen: 37.71 ng
RT: 15.15 min Scan# 1143
Delta R.T. -0.00 min
Lab File: BF086826.D
Acq: 9 May 2016 15:35

Instrument :
BNA_F
ClientSampleId :
ICVBF050916

Tot Ion	Ratio	Resp Lower	Upper
252	100		
253	22.3	17.2	25.8
125	14.4	9.0	13.6

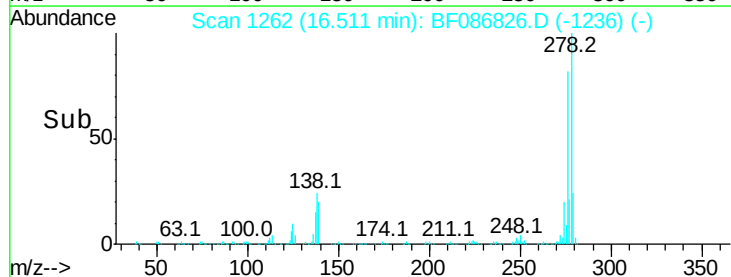
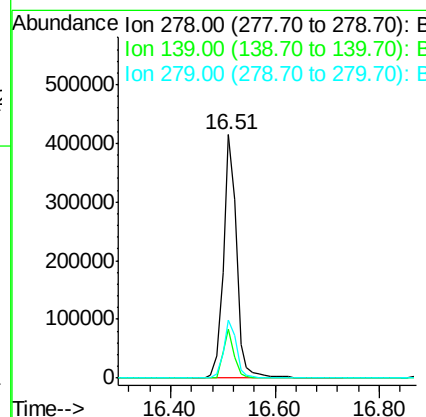
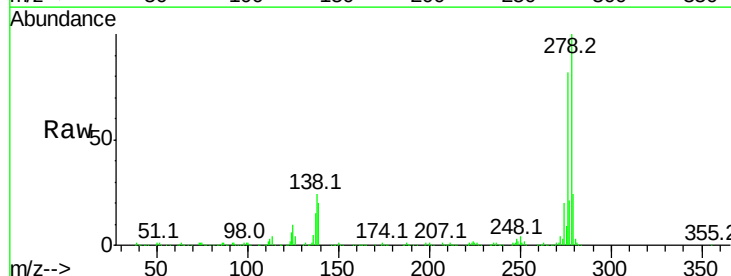
Manual Integrations
APPROVED

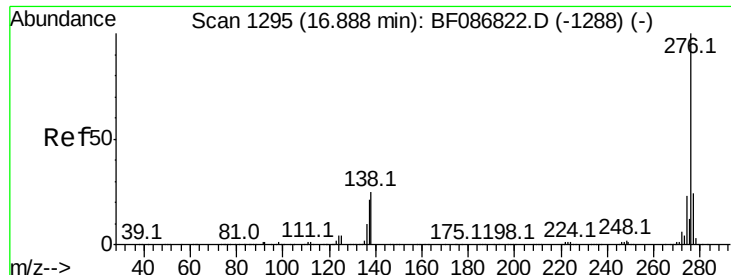
sohil
5/10/2016 11:06:36 AM



#90
Dibenzo(a,h)anthracene
Concen: 38.35 ng
RT: 16.51 min Scan# 1262
Delta R.T. -0.00 min
Lab File: BF086826.D
Acq: 9 May 2016 15:35

Tgt Ion	Ratio	Resp Lower	Upper
278	100		
139	19.9	16.6	24.8
279	23.8	19.6	29.4





#91
 Benzo(a,h,i)perylene
 Concen: 38.56 ng
 RT: 16.89 min Scan# 1295
 Delta R.T. -0.00 min
 Lab File: BF086826.D
 Acq: 9 May 2016 15:35

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF050916

Tot Ion:	276	Resp:	742202
Ion Ratio	Lower	Upper	
276	100		
277	23.5	19.6	29.4
138	24.4	23.6	35.4

Manual Integrations
 APPROVED

sohil
 5/10/2016 11:06:36 AM

