

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050716\
 Data File : BF086780.D
 Acq On : 7 May 2016 18:08
 Operator : UM/SJ
 Sample : PB90240BS
 Misc :
 ALS Vial : 50 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB90240BS

Manual Integrations
 APPROVED

Sohil
 5/9/2016 7:20:06 PM

Quant Time: May 08 00:20:39 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050416.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat May 07 23:59:39 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	168373	40.00	ng	0.00
21) Naphthalene-d8	8.00	136	698743	40.00	ng	0.00
38) Acenaphthene-d10	9.74	164	334899	40.00	ng	0.00
63) Phenanthrene-d10	11.22	188	573785	40.00	ng	0.00
75) Chrysene-d12	13.85	240	396445	40.00	ng	0.00
86) Perylene-d12	15.23	264	327109	40.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.32	112	1289158	126.75	ng	0.02
7) Phenol-d6	6.37	99	1671693	122.02	ng	0.00
23) Nitrobenzene-d5	7.28	82	1044699	76.83	ng	-0.01
41) 2,4,6-Tribromophenol	10.53	330	389776	118.98	ng	0.00
44) 2-Fluorobiphenyl	9.07	172	1663316	81.41	ng	0.00
78) Terphenyl-d14	12.81	244	1587071	80.91	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.33	88	163457	31.09	ng	# 74
3) Pyridine	3.02	79	358185	27.79	ng	# 71
4) n-Nitrosodimethylamine	2.96	42	308739	39.49	ng	# 56
6) Aniline	6.37	93	309916	18.33	ng	# 1
8) 2-Chlorophenol	6.50	128	472908	38.75	ng	98
9) Benzaldehyde	6.26	77	45203	6.61	ng	99
10) Phenol	6.38	94	582800	38.88	ng	83
11) bis(2-Chloroethyl)ether	6.45	93	509182	39.47	ng	93
12) 1,3-Dichlorobenzene	6.64	146	477439m	36.84	ng	
13) 1,4-Dichlorobenzene	6.72	146	482704m	36.02	ng	
14) 1,2-Dichlorobenzene	6.88	146	458159	39.27	ng	99
15) Benzyl Alcohol	6.86	79	390070	44.01	ng	# 87
16) 2,2'-oxybis(1-Chloropropan	6.99	45	951134	36.06	ng	66
17) 2-Methylphenol	6.99	107	383229	39.00	ng	# 82
18) Hexachloroethane	7.21	117	190489	37.65	ng	96
19) n-Nitroso-di-n-propylamine	7.14	70	372541	39.80	ng	# 81
20) 3+4-Methylphenols	7.14	107	498771	43.35	ng	# 69
22) Acetophenone	7.13	105	670087	41.16	ng	98
24) Nitrobenzene	7.30	77	573214	40.78	ng	94
25) Isophorone	7.54	82	984285	38.87	ng	99
26) 2-Nitrophenol	7.62	139	248452	39.61	ng	96
27) 2,4-Dimethylphenol	7.66	122	412135	37.42	ng	89
28) bis(2-Chloroethoxy)methane	7.76	93	616153	44.21	ng	99
29) 2,4-Dichlorophenol	7.86	162	383684	40.52	ng	95
30) 1,2,4-Trichlorobenzene	7.94	180	424517	40.18	ng	98
31) Naphthalene	8.01	128	1344888	37.67	ng	99
32) Benzoic acid	7.82	122	277634	61.70	ng	# 84
33) 4-Chloroaniline	8.08	127	124174	8.98	ng	# 95
34) Hexachlorobutadiene	8.13	225	242438	40.42	ng	98
35) Caprolactam	8.46	113	124143m	42.35	ng	
36) 4-Chloro-3-methylphenol	8.58	107	456415	42.25	ng	99
37) 2-Methylnaphthalene	8.70	142	904730	42.96	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.88	216	362107	37.35	ng	98
40) Hexachlorocyclopentadiene	8.85	237	405831	90.00	ng	96

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050716\
 Data File : BF086780.D
 Acq On : 7 May 2016 18:08
 Operator : UM/SJ
 Sample : PB90240BS
 Misc :
 ALS Vial : 50 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB90240BS

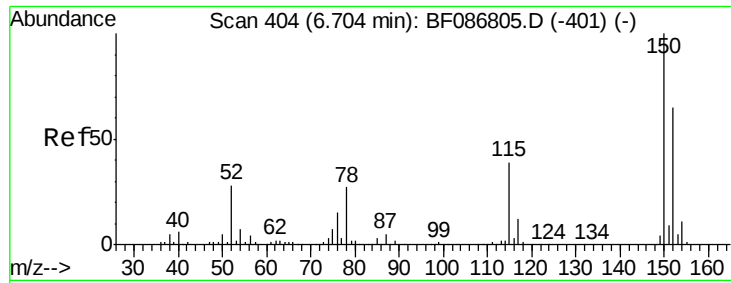
Manual Integrations
 APPROVED

Sohil
 5/9/2016 7:20:06 PM

Quant Time: May 08 00:20:39 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050416.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat May 07 23:59:39 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.99	196	254862	41.35	ng	94
43) 2,4,5-Trichlorophenol	9.04	196	254709	39.55	ng #	78
45) 1,1'-Biphenyl	9.17	154	1142272	41.72	ng	99
46) 2-Chloronaphthalene	9.20	162	830395	39.30	ng	99
47) 2-Nitroaniline	9.30	65	295088	39.28	ng #	77
48) Acenaphthylene	9.61	152	1293537	41.24	ng	99
49) Dimethylphthalate	9.48	163	980980	39.29	ng	100
50) 2,6-Dinitrotoluene	9.54	165	197652	36.89	ng #	77
51) Acenaphthene	9.78	154	815987	39.44	ng	99
52) 3-Nitroaniline	9.71	138	110528	18.15	ng	81
53) 2,4-Dinitrophenol	9.82	184	217940	90.94	ng #	79
54) Dibenzofuran	9.95	168	1132136	44.15	ng	97
55) 4-Nitrophenol	9.89	139	224752	63.29	ng #	38
56) 2,4-Dinitrotoluene	9.95	165	256041	38.56	ng #	83
57) Fluorene	10.29	166	893192	42.97	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.08	232	230738	48.78	ng	99
59) Diethylphthalate	10.18	149	991729	41.97	ng	98
60) 4-Chlorophenyl-phenylether	10.28	204	373784	37.83	ng	98
61) 4-Nitroaniline	10.33	138	197081	33.67	ng #	69
62) Azobenzene	10.44	77	1144184	43.70	ng	87
64) 4,6-Dinitro-2-methylphenol	10.35	198	147161	49.99	ng #	59
65) n-Nitrosodiphenylamine	10.41	169	764004	41.93	ng	100
66) 4-Bromophenyl-phenylether	10.77	248	254949	44.71	ng #	87
67) Hexachlorobenzene	10.83	284	270407	38.89	ng #	74
68) Atrazine	10.94	200	276890	49.59	ng	95
69) Pentachlorophenol	11.04	266	301242	88.60	ng	99
70) Phenanthrene	11.24	178	1156227	37.52	ng	99
71) Anthracene	11.30	178	1344329	41.65	ng	100
72) Carbazole	11.46	167	1109064	39.57	ng	99
73) Di-n-butylphthalate	11.79	149	1356576	40.77	ng #	99
74) Fluoranthene	12.43	202	1314588	42.56	ng	92
76) Benzidine	12.56	184	320121	32.21	ng	96
77) Pyrene	12.65	202	1215110	38.45	ng	99
79) Butylbenzylphthalate	13.28	149	543426	41.05	ng #	65
80) Benzo(a)anthracene	13.84	228	871308	38.86	ng	99
81) 3,3'-Dichlorobenzidine	13.81	252	162696	11.55	ng #	95
82) Chrysene	13.87	228	856398	35.80	ng	99
83) Bis(2-ethylhexyl)phthalate	13.84	149	680673	44.43	ng #	95
84) Di-n-octyl phthalate	14.45	149	1295645	57.48	ng #	86
85) Indeno(1,2,3-cd)pyrene	16.52	276	750940	36.59	ng	96
87) Benzo(b)fluoranthene	14.84	252	773915m	39.37	ng	
88) Benzo(k)fluoranthene	14.88	252	834819m	45.08	ng	
89) Benzo(a)pyrene	15.17	252	763764	42.19	ng	98
90) Dibenzo(a,h)anthracene	16.53	278	631869	36.33	ng	98
91) Benzo(g,h,i)perylene	16.91	276	611954	33.51	ng #	93

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



#1

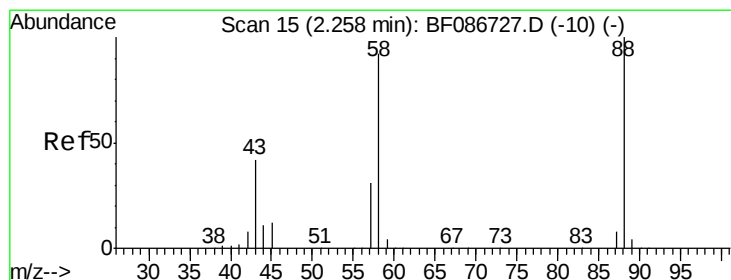
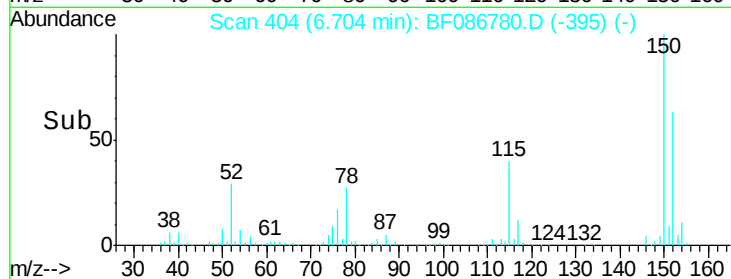
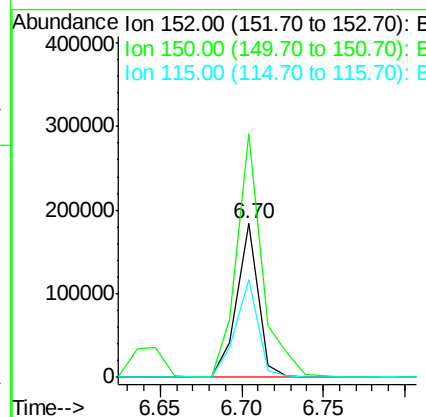
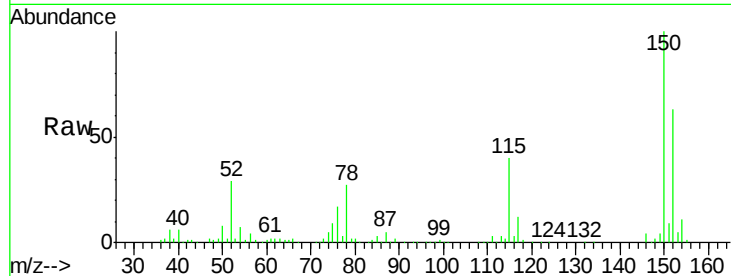
1,4-Dichlorobenzene-d4
Concen: 40.00 ng
RT: 6.70 min Scan# 404
Delta R.T. -0.00 min
Lab File: BF086780.D
Acq: 7 May 2016 18:08

Instrument :
BNA_F
ClientSampleId :
PB90240BS

Tgt Ion	Ratio	Lower	Upper
152	100		
150	158.2	125.8	188.6
115	63.3	51.5	77.3

Manual Integrations
APPROVED

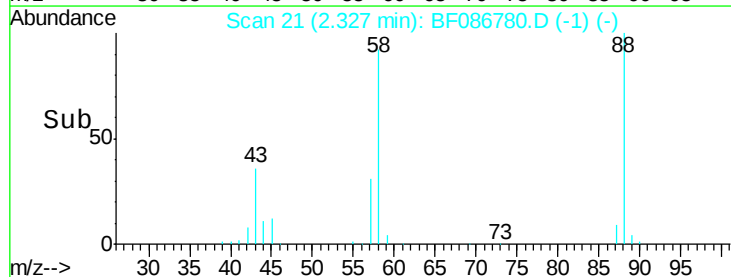
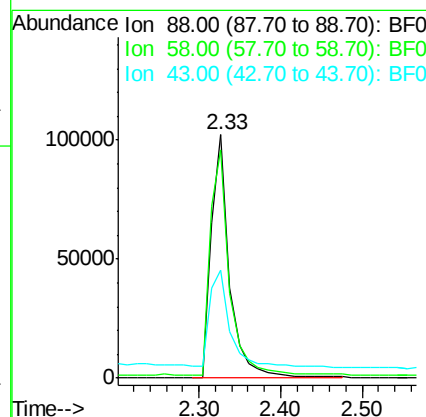
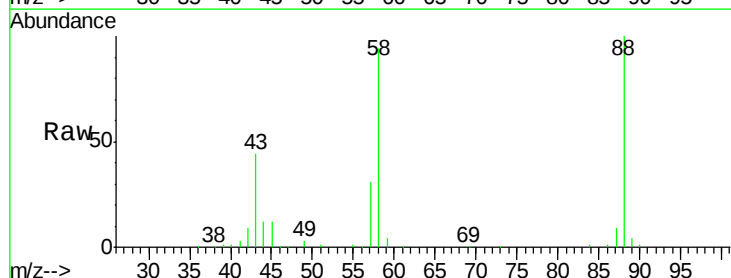
Sohil
5/9/2016 7:20:06 PM

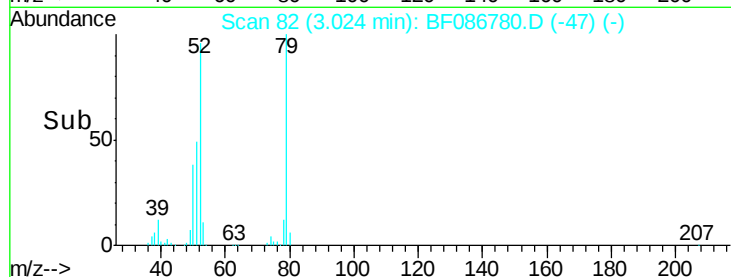
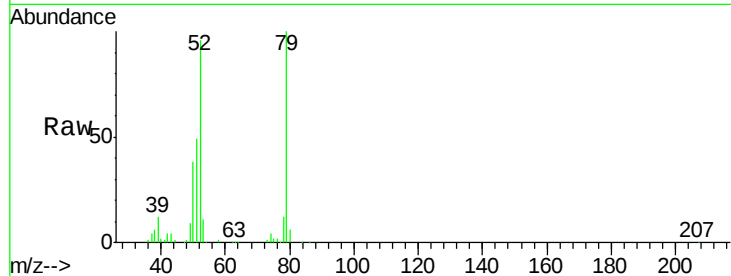
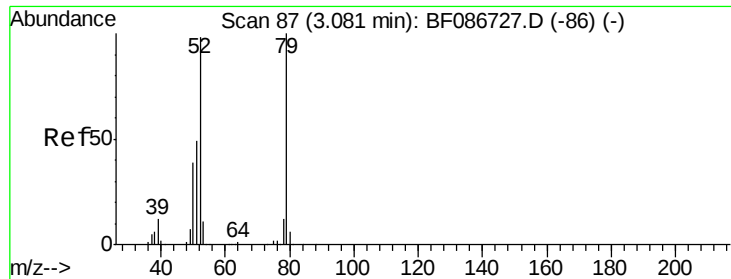


#2

1,4-Dioxane
Concen: 31.09 ng
RT: 2.33 min Scan# 21
Delta R.T. 0.10 min
Lab File: BF086780.D
Acq: 7 May 2016 18:08

Tgt Ion	Ratio	Lower	Upper
88	100		
58	95.5	59.6	89.4#
43	41.6	21.8	32.6#





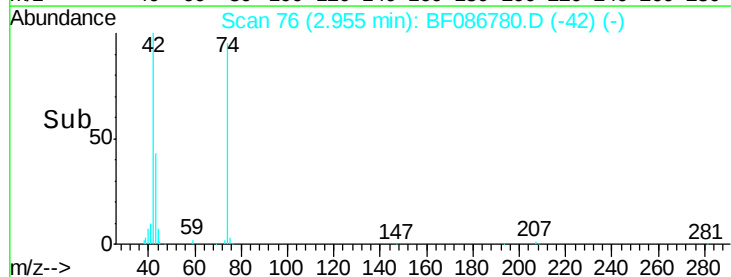
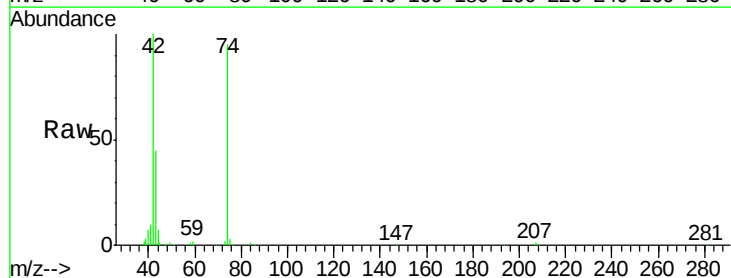
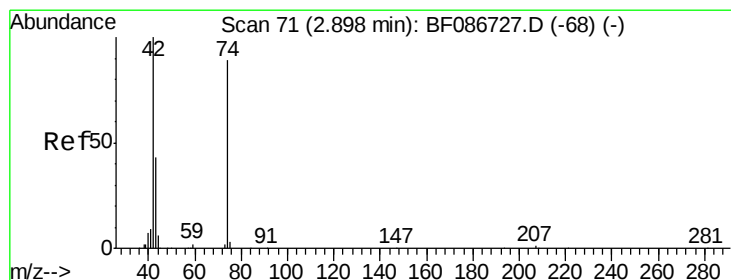
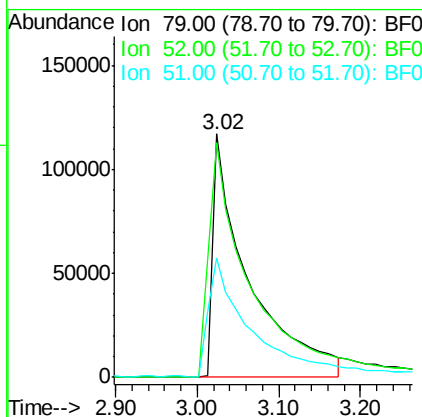
#3
 Pyridine
 Concen: 27.79 ng
 RT: 3.02 min Scan# 82
 Delta R.T. 0.10 min
 Lab File: BF086780.D
 Acq: 7 May 2016 18:08

Tgt Ion	Ratio	Resp	Lower	Upper
79	100	358185		
52	96.2	55.9	83.9#	
51	49.1	28.1	42.1#	

Instrument :
 BNA_F
 ClientSampleId :
 PB90240BS

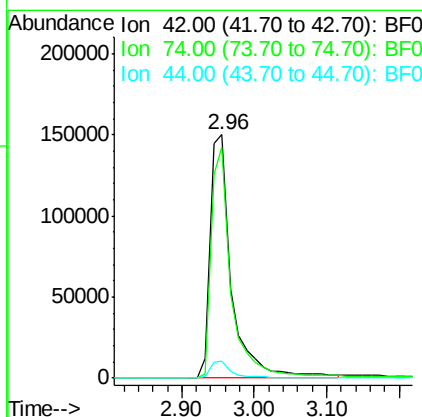
Manual Integrations
 APPROVED

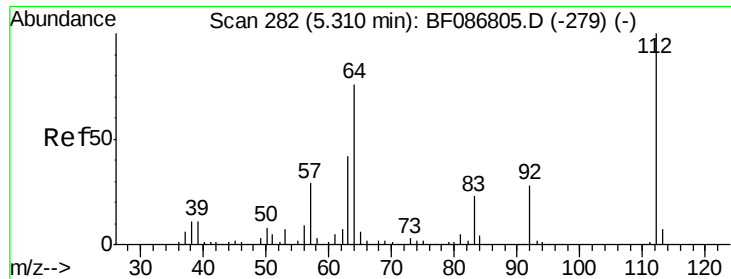
Sohil
 5/9/2016 7:20:06 PM



#4
 n-Nitrosodimethylamine
 Concen: 39.49 ng
 RT: 2.96 min Scan# 76
 Delta R.T. 0.09 min
 Lab File: BF086780.D
 Acq: 7 May 2016 18:08

Tgt Ion	Ratio	Resp	Lower	Upper
42	100	308739		
74	94.8	123.4	185.0#	
44	6.9	5.8	8.6	





#5

2-Fluorophenol

Concen: 126.75 ng

RT: 5.32 min Scan# 283

Delta R.T. 0.02 min

Lab File: BF086780.D

Acq: 7 May 2016 18:08

Instrument :

BNA_F

ClientSampleId :

PB90240BS

Tgt Ion: 112 Resp: 1289158

Ion Ratio Lower Upper

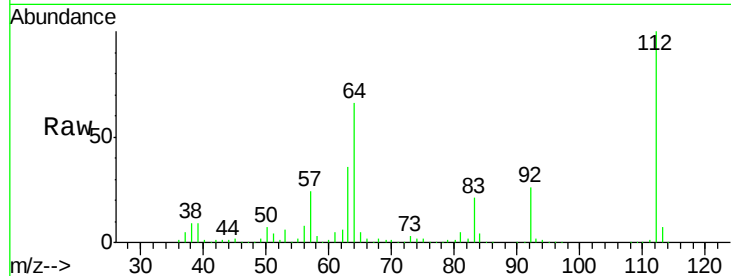
112 100

64 66.1 52.1 78.1

63 35.9 25.7 38.5

Manual Integrations
APPROVED

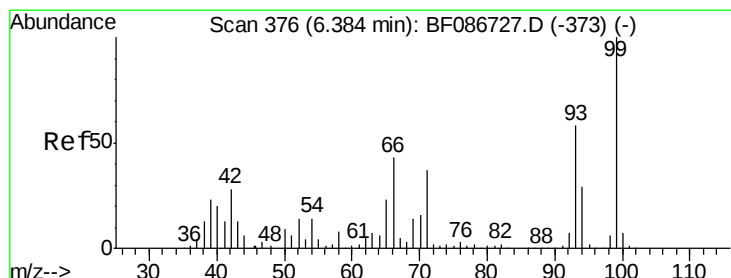
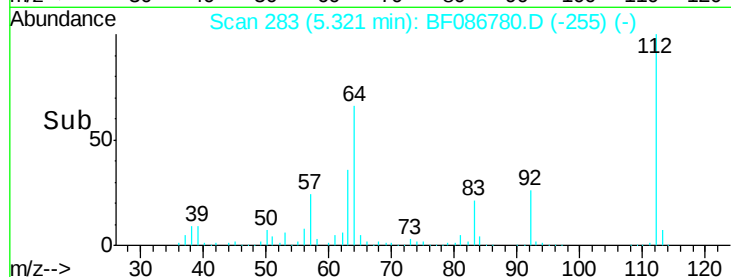
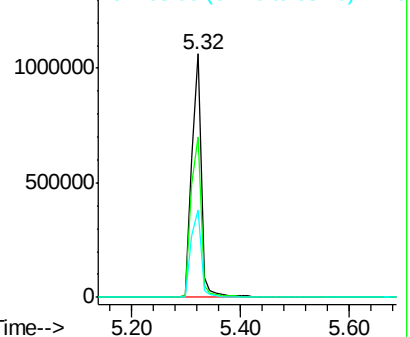
Sohil
5/9/2016 7:20:06 PM



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 18.33 ng

RT: 6.37 min Scan# 375

Delta R.T. -0.01 min

Lab File: BF086780.D

Acq: 7 May 2016 18:08

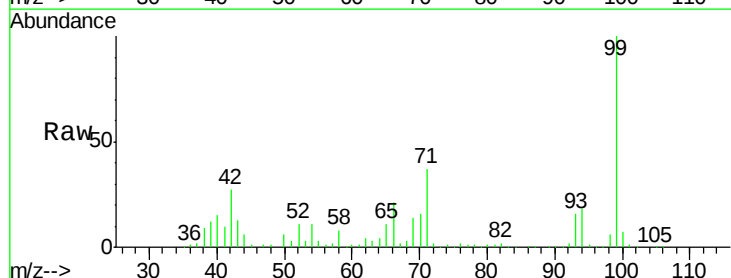
Tgt Ion: 93 Resp: 309916

Ion Ratio Lower Upper

93 100

66 130.8 39.0 58.6#

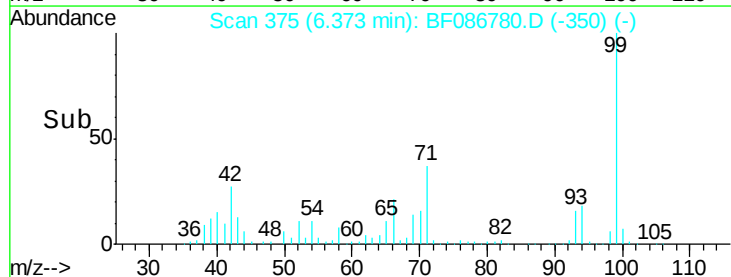
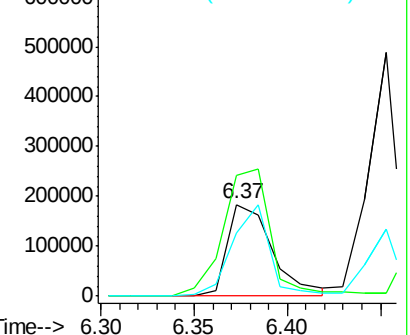
65 68.3 20.6 31.0#

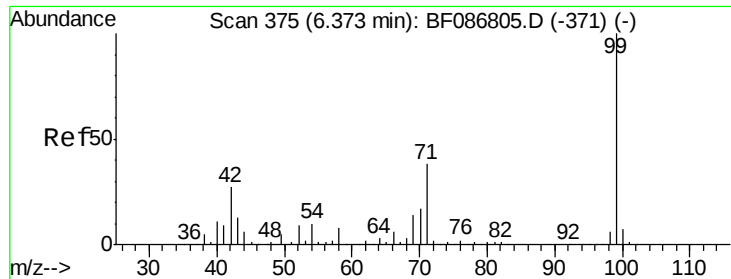


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 122.02 ng

RT: 6.37 min Scan# 375

Delta R.T. -0.00 min

Lab File: BF086780.D

Acq: 7 May 2016 18:08

Instrument :

BNA_F

ClientSampleId :

PB90240BS

Tgt Ion: 99 Resp: 1671693

Ion Ratio Lower Upper

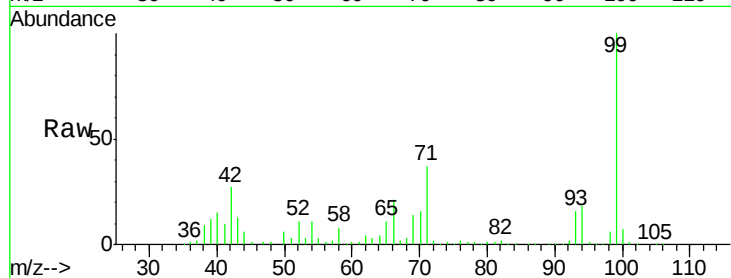
99 100

42 27.1 13.6 20.4#

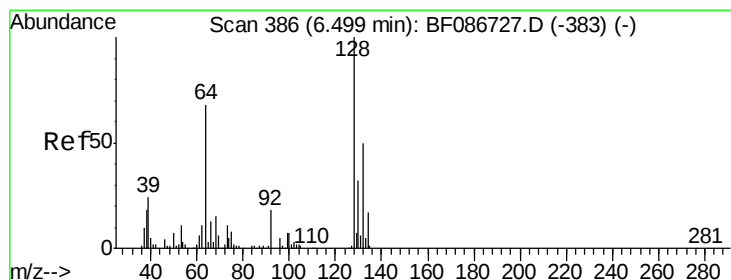
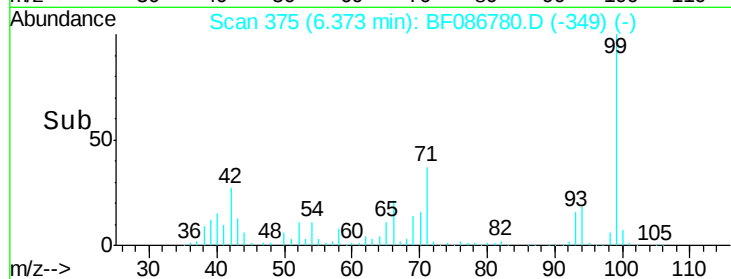
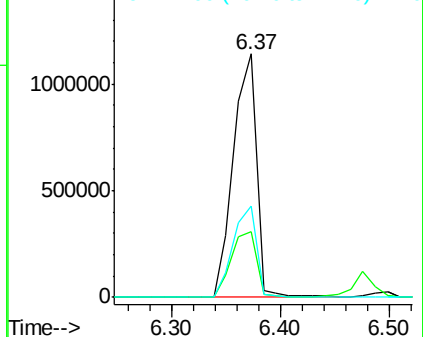
71 37.4 24.6 36.8#

Manual Integrations
APPROVED

Sohil
5/9/2016 7:20:06 PM



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



#8

2-Chlorophenol

Concen: 38.75 ng

RT: 6.50 min Scan# 386

Delta R.T. -0.00 min

Lab File: BF086780.D

Acq: 7 May 2016 18:08

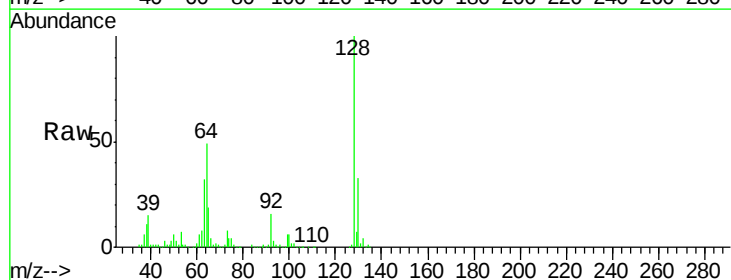
Tgt Ion: 128 Resp: 472908

Ion Ratio Lower Upper

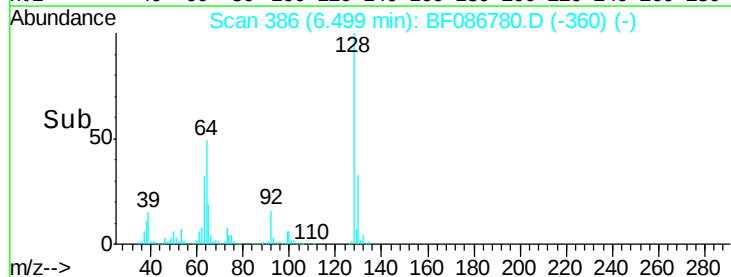
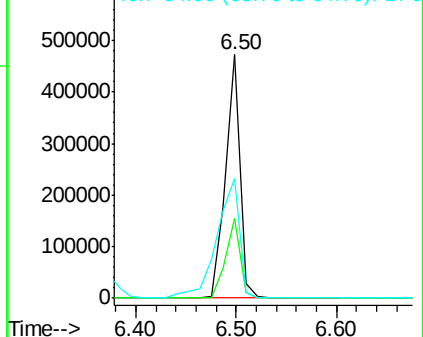
128 100

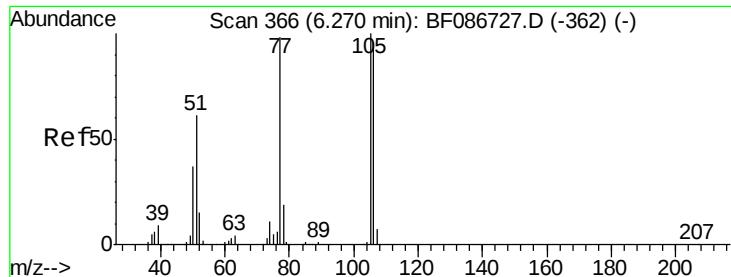
130 32.8 12.5 52.5

64 48.9 27.3 67.3



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





#9

Benzaldehyde

Concen: 6.61 ng

RT: 6.26 min Scan# 365

Delta R.T. -0.00 min

Lab File: BF086780.D

Acq: 7 May 2016 18:08

Instrument :

BNA_F

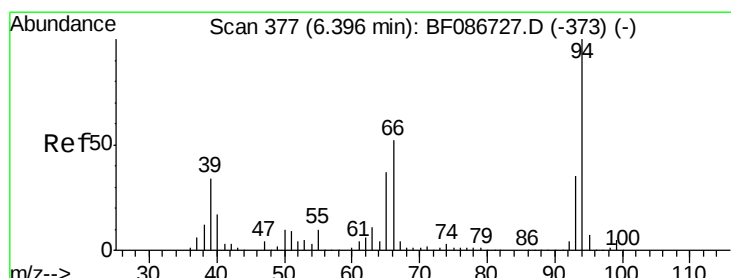
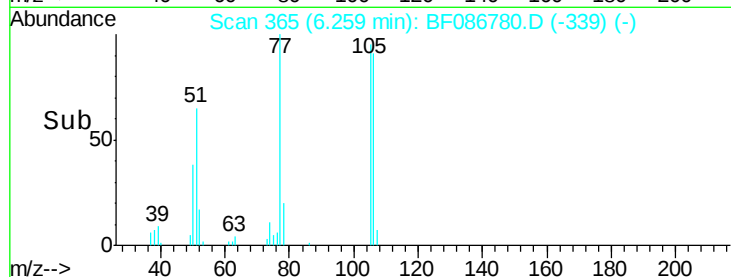
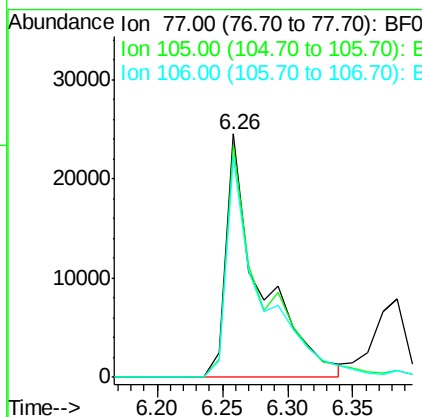
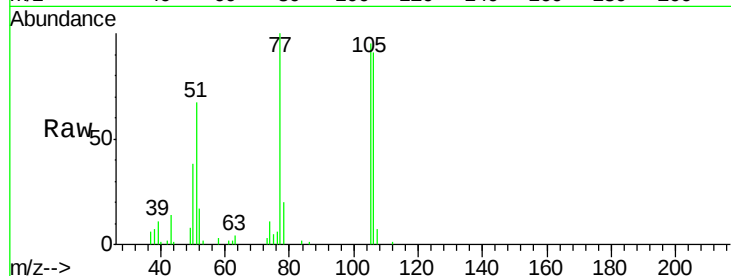
ClientSampleId :

PB90240BS

Manual Integrations
APPROVED

Sohil
5/9/2016 7:20:06 PM

Tgt Ion:	77	Resp:	45203
Ion	Ratio	Lower	Upper
77	100		
105	95.1	72.7	112.7
106	90.5	70.8	110.8



#10

Phenol

Concen: 38.88 ng

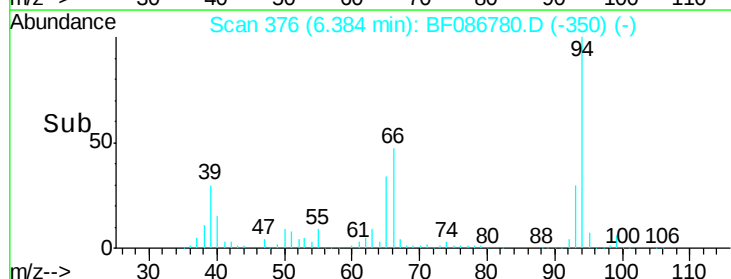
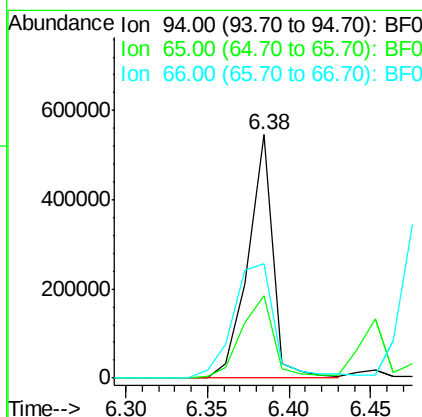
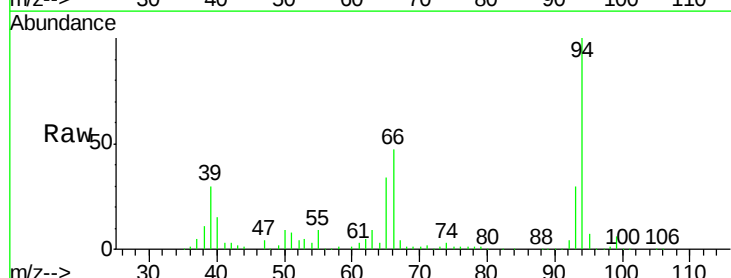
RT: 6.38 min Scan# 376

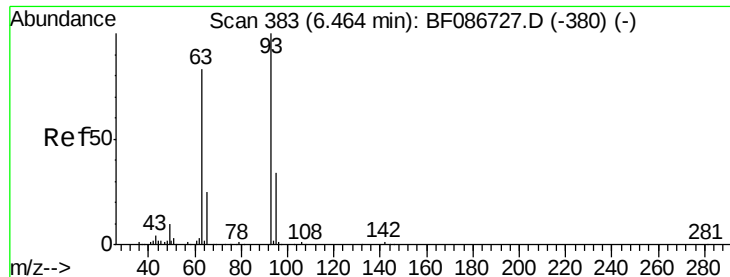
Delta R.T. -0.00 min

Lab File: BF086780.D

Acq: 7 May 2016 18:08

Tgt Ion:	94	Resp:	582800
Ion	Ratio	Lower	Upper
94	100		
65	33.7	7.2	47.2
66	46.9	14.9	54.9





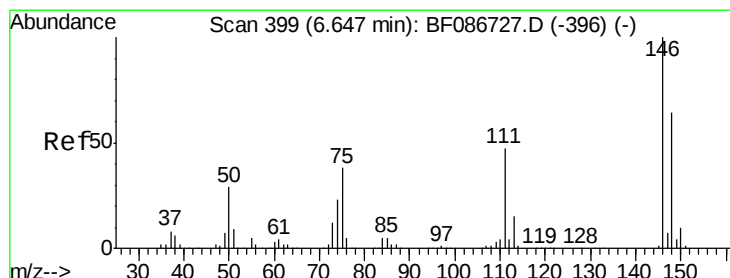
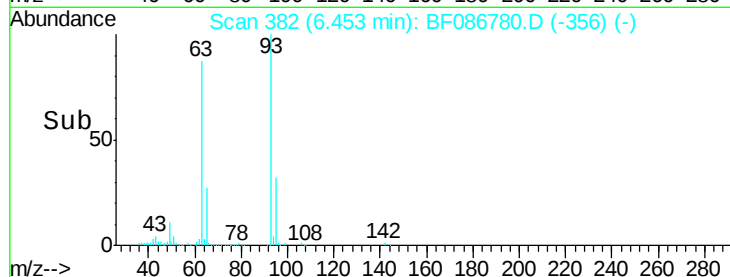
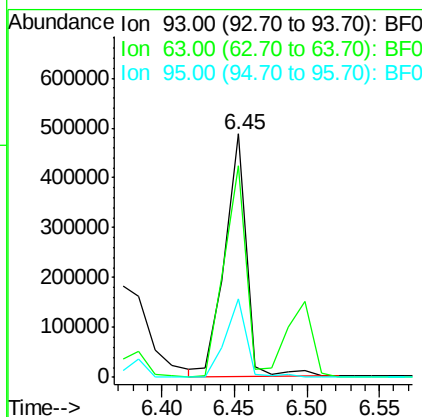
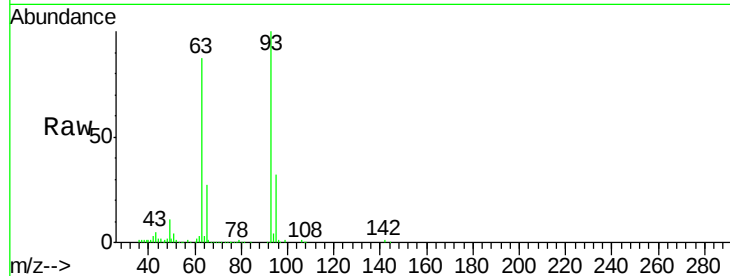
#11
bis(2-Chloroethyl)ether
Concen: 39.47 ng
RT: 6.45 min Scan# 382
Delta R.T. -0.00 min
Lab File: BF086780.D
Acq: 7 May 2016 18:08

Instrument :
BNA_F
ClientSampleId :
PB90240BS

Tgt Ion	Ratio	Resp Lower	Upper
93	100		
63	86.9	58.0	98.0
95	32.2	11.9	51.9

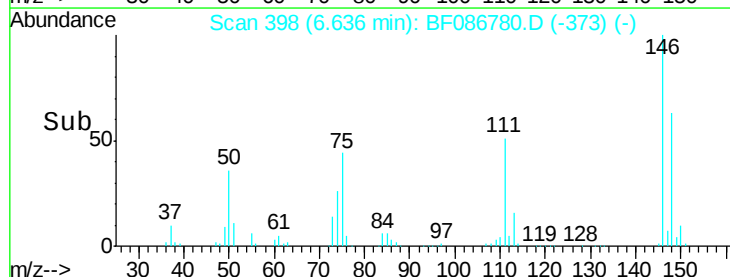
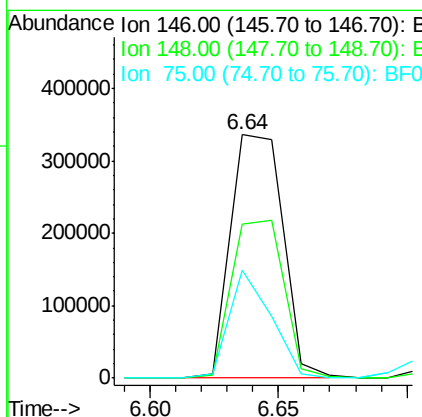
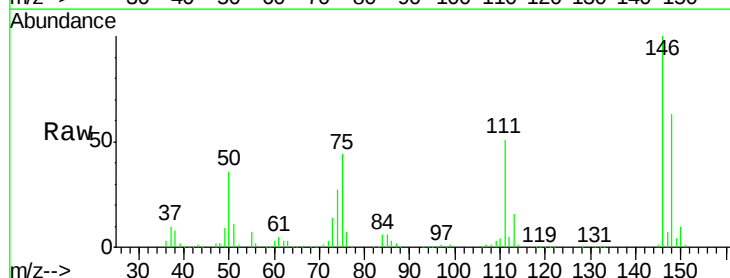
Manual Integrations
APPROVED

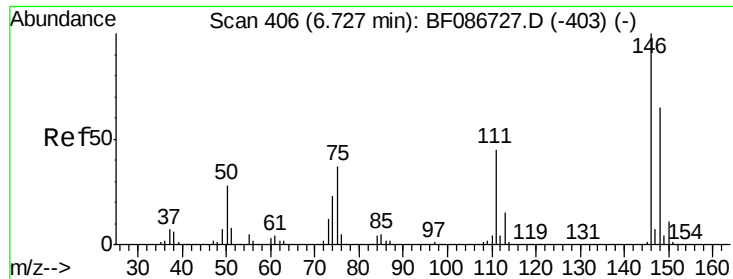
Sohil
5/9/2016 7:20:06 PM



#12
1,3-Dichlorobenzene
Concen: 36.84 ng m
RT: 6.64 min Scan# 398
Delta R.T. -0.01 min
Lab File: BF086780.D
Acq: 7 May 2016 18:08

Tgt Ion	Ratio	Resp Lower	Upper
146	100		
148	63.4	52.4	78.6
75	44.3	22.8	34.2#





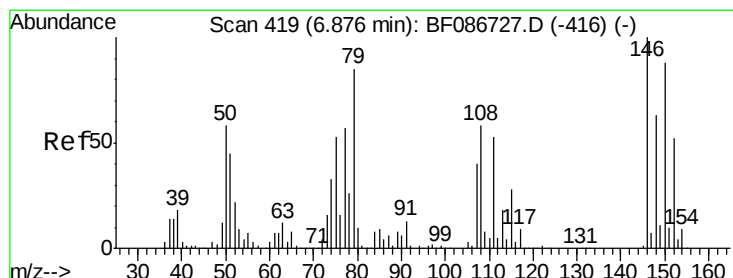
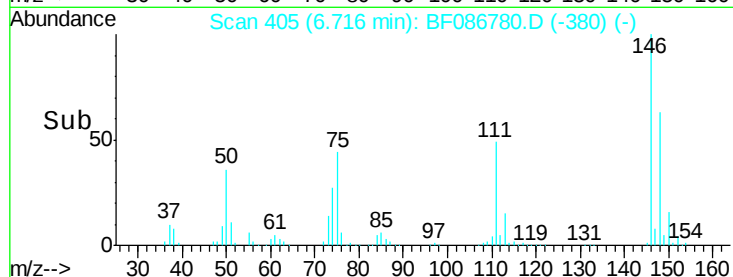
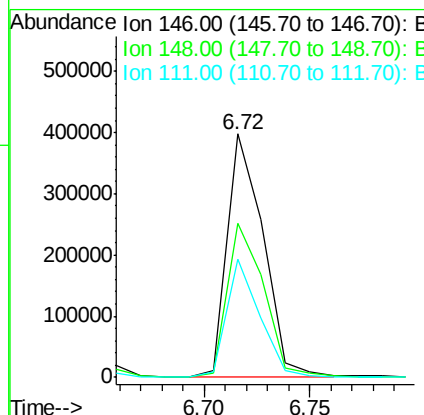
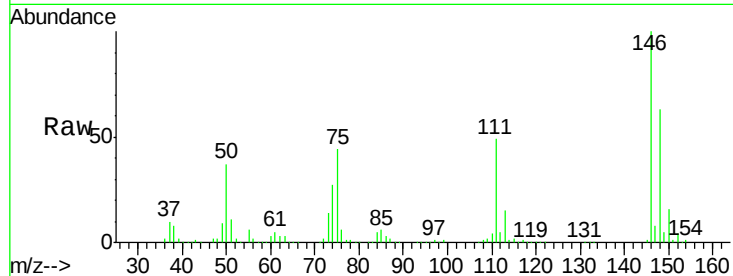
#13
 1,4-Dichlorobenzene
 Concen: 36.02 ng m
 RT: 6.72 min Scan# 405
 Delta R.T. -0.01 min
 Lab File: BF086780.D
 Acq: 7 May 2016 18:08

Instrument :
 BNA_F
 ClientSampled :
 PB90240BS

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.4	52.2	78.4
111	48.7	30.7	46.1

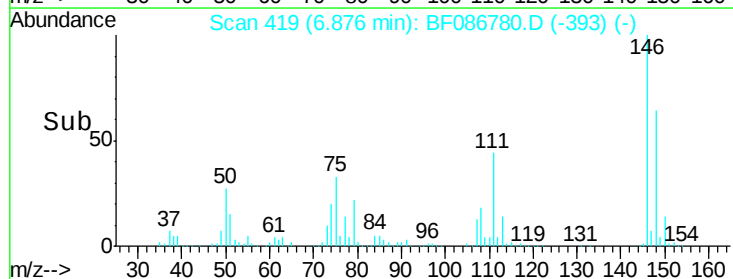
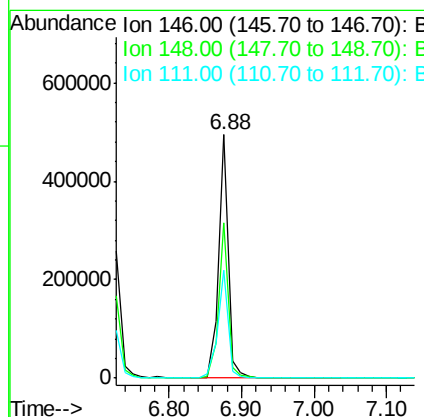
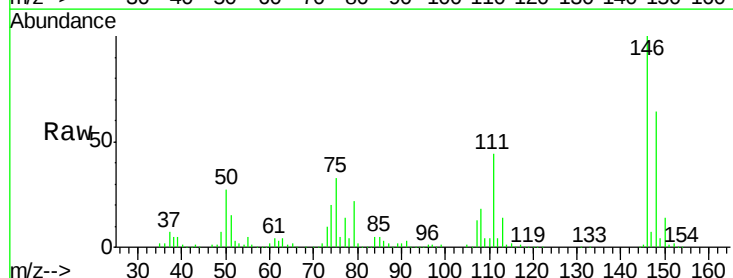
Manual Integrations
 APPROVED

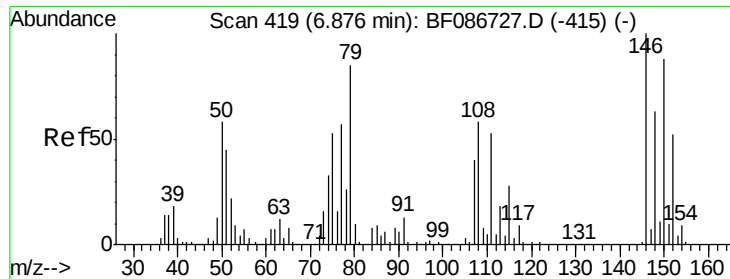
Sohil
 5/9/2016 7:20:06 PM



#14
 1,2-Dichlorobenzene
 Concen: 39.27 ng
 RT: 6.88 min Scan# 419
 Delta R.T. -0.00 min
 Lab File: BF086780.D
 Acq: 7 May 2016 18:08

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.8	51.0	76.6
111	44.1	36.2	54.4





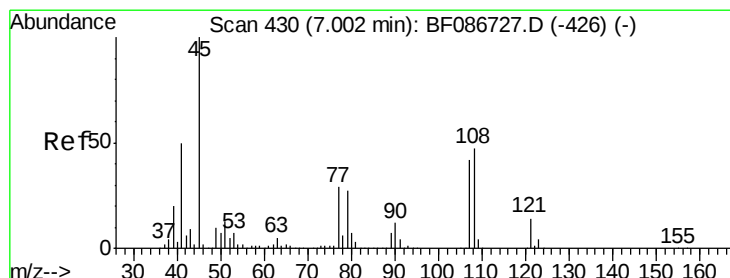
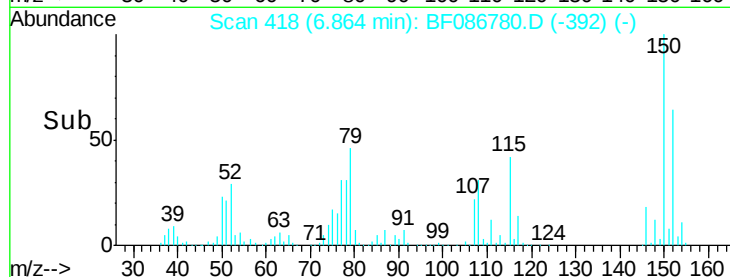
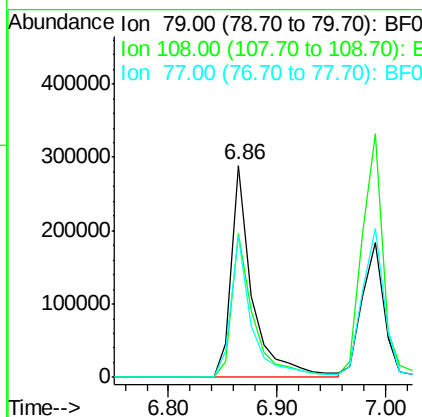
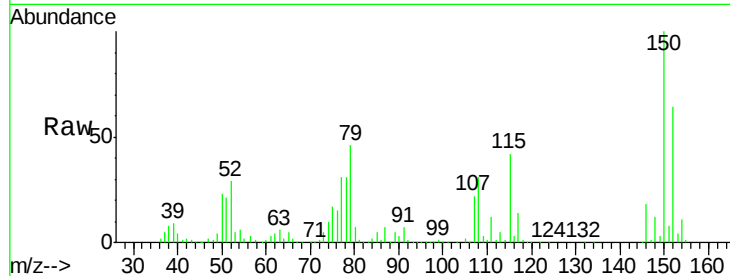
#15
Benzyl Alcohol
Concen: 44.01 ng
RT: 6.86 min Scan# 418
Delta R.T. -0.00 min
Lab File: BF086780.D
Acq: 7 May 2016 18:08

Instrument :
BNA_F
ClientSampled :
PB90240BS

Tgt Ion: 79 Resp: 390070
Ion Ratio Lower Upper
79 100
108 67.6 68.4 102.6#
77 66.7 50.6 76.0

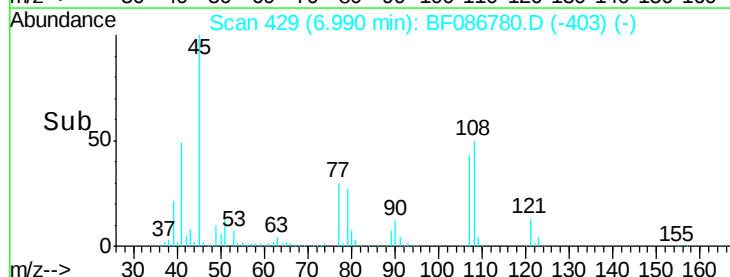
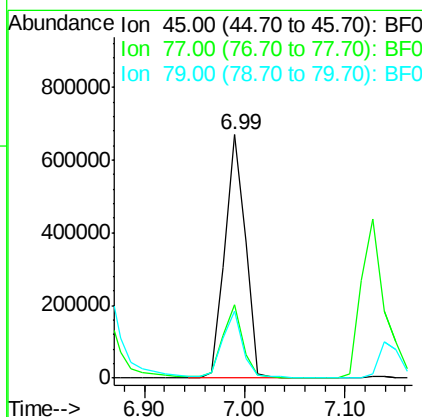
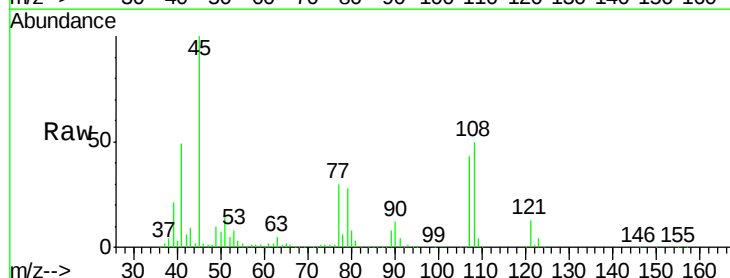
Manual Integrations
APPROVED

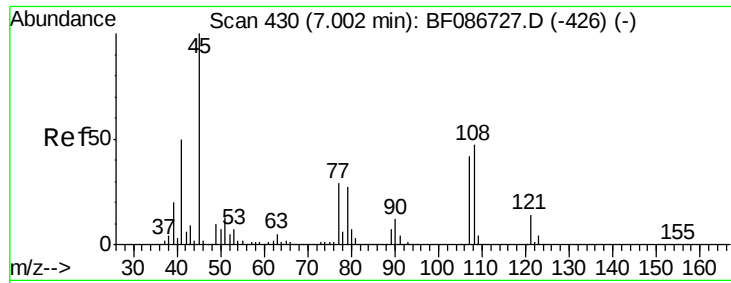
Sohil
5/9/2016 7:20:06 PM



#16
2,2'-oxybis(1-Chloropropane)
Concen: 36.06 ng
RT: 6.99 min Scan# 429
Delta R.T. -0.00 min
Lab File: BF086780.D
Acq: 7 May 2016 18:08

Tgt Ion: 45 Resp: 951134
Ion Ratio Lower Upper
45 100
77 30.3 0.0 36.4
79 27.5 0.0 33.4





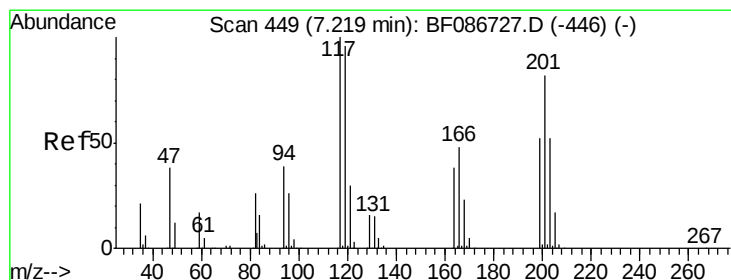
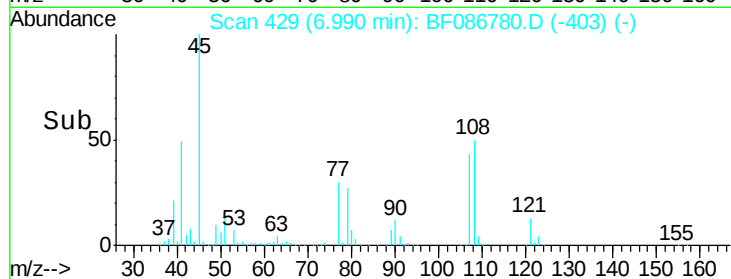
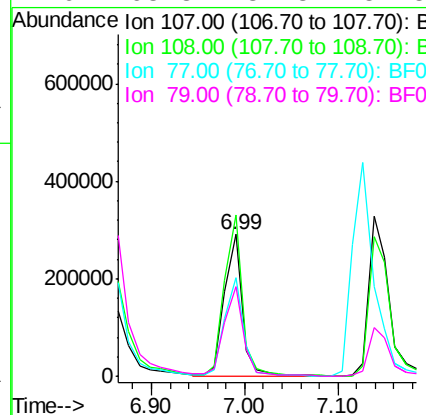
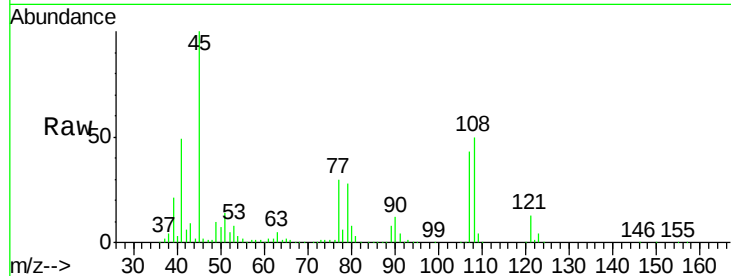
#17
2-Methylphenol
Concen: 39.00 ng
RT: 6.99 min Scan# 429
Delta R.T. -0.00 min
Lab File: BF086780.D
Acq: 7 May 2016 18:08

Instrument :
BNA_F
ClientSampleId :
PB90240BS

Tgt Ion:	107	Resp:	383229
Ion Ratio	Lower	Upper	
107	100		
108	113.9	93.7	140.5
77	69.6	33.4	50.0#
79	63.3	34.3	51.5#

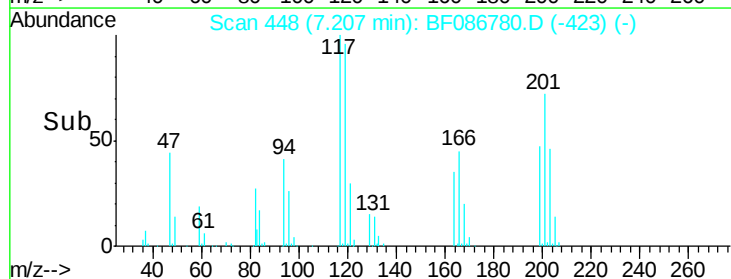
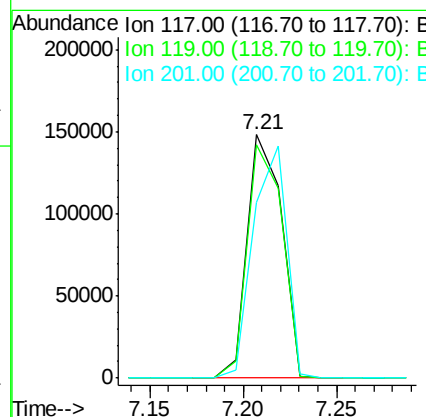
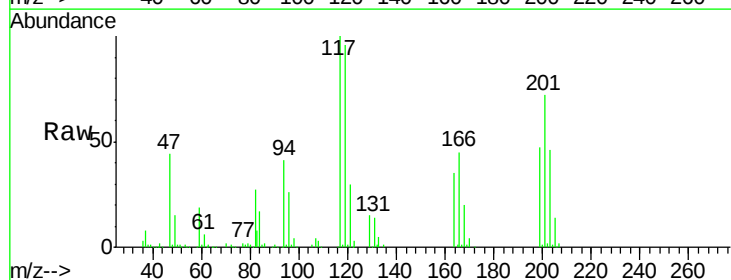
Manual Integrations
APPROVED

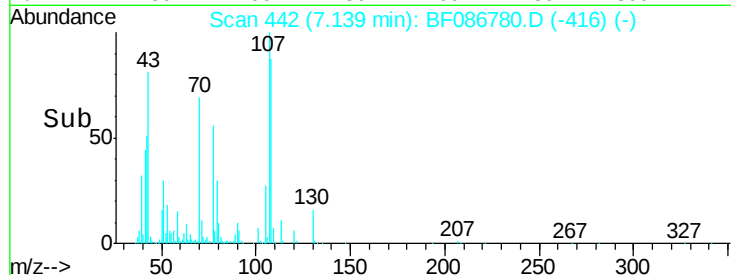
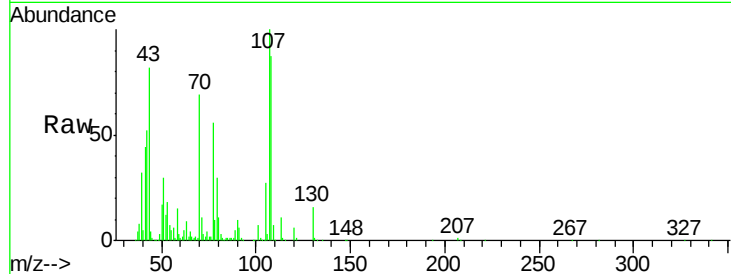
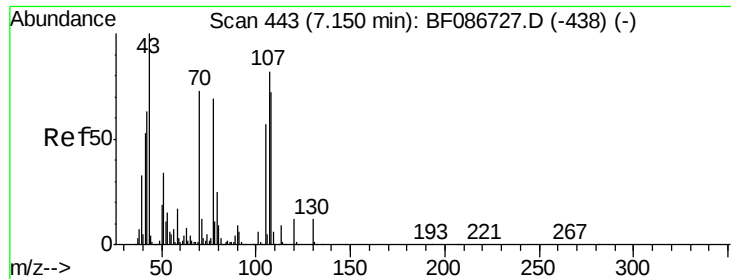
Sohil
5/9/2016 7:20:06 PM



#18
Hexachloroethane
Concen: 37.65 ng
RT: 7.21 min Scan# 448
Delta R.T. -0.01 min
Lab File: BF086780.D
Acq: 7 May 2016 18:08

Tgt Ion:	117	Resp:	190489
Ion Ratio	Lower	Upper	
117	100		
119	95.8	76.5	114.7
201	72.1	63.0	94.6





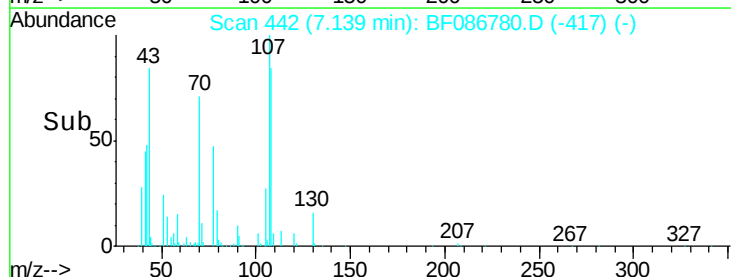
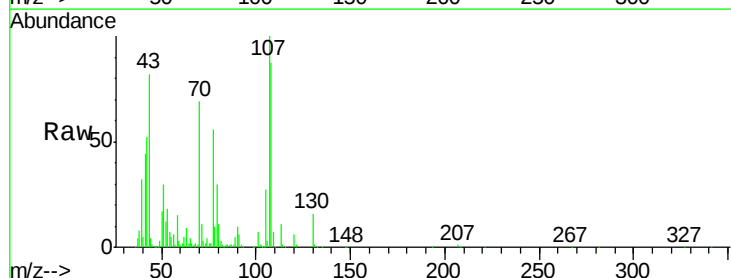
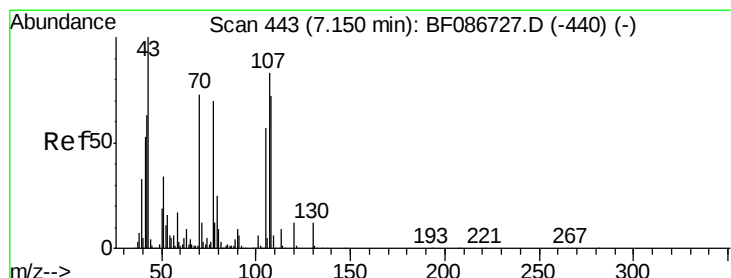
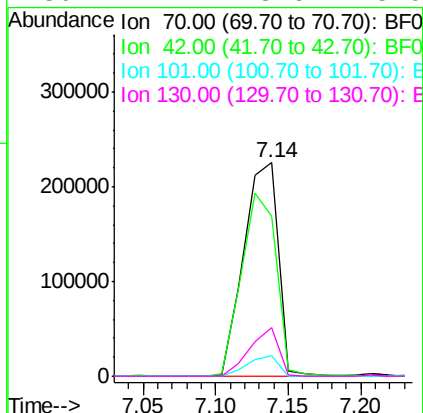
#19
n-Nitroso-di-n-propylamine
Concen: 39.80 ng
RT: 7.14 min Scan# 442
Delta R.T. -0.00 min
Lab File: BF086780.D
Acq: 7 May 2016 18:08

Instrument :
BNA_F
ClientSampleId :
PB90240BS

Manual Integrations
APPROVED

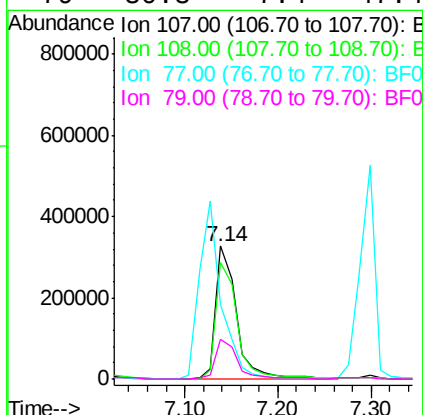
Sohil
5/9/2016 7:20:06 PM

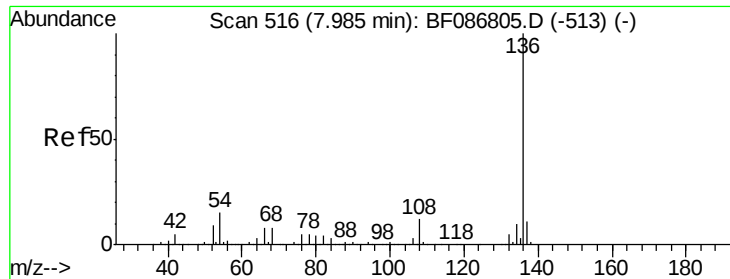
Tgt Ion	Ratio	Lower	Upper
70	100		
42	75.0	43.1	64.7#
101	9.6	8.1	12.1
130	22.7	18.6	28.0



#20
3+4-Methylphenols
Concen: 43.35 ng
RT: 7.14 min Scan# 442
Delta R.T. -0.01 min
Lab File: BF086780.D
Acq: 7 May 2016 18:08

Tgt Ion	Ratio	Lower	Upper
107	100		
108	87.3	68.5	108.5
77	56.1	101.6	141.6#
79	30.3	7.4	47.4





#21

Naphthalene-d8

Concen: 40.00 ng

RT: 8.00 min Scan# 517

Delta R.T. -0.00 min

Lab File: BF086780.D

Acq: 7 May 2016 18:08

Instrument :

BNA_F

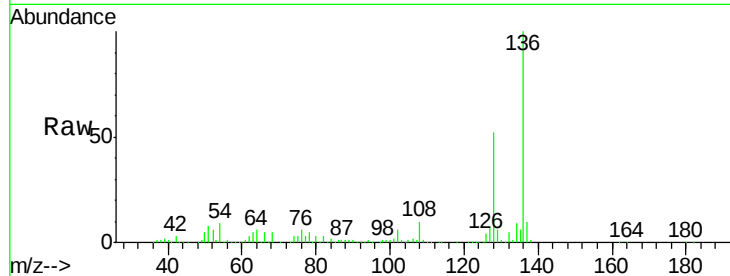
ClientSampleId :

PB90240BS

Tgt Ion	Ratio	Resp	Lower	Upper
136	100	698743		
137	10.4	8.8	13.2	
54	9.1	5.0	7.4	
68	5.3	4.4	6.6	

Manual Integrations
APPROVED

Sohil
5/9/2016 7:20:06 PM

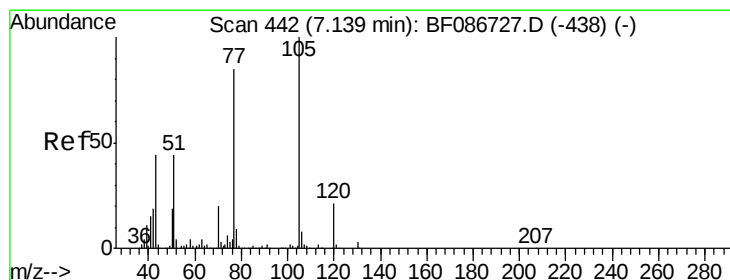
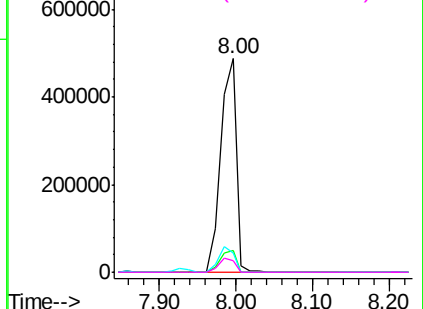
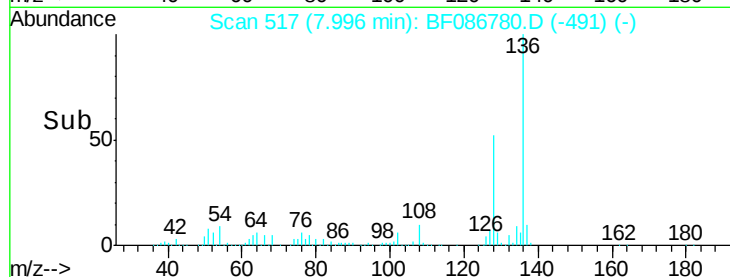


Abundance Ion 136.00 (135.70 to 136.70): E

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: 41.16 ng

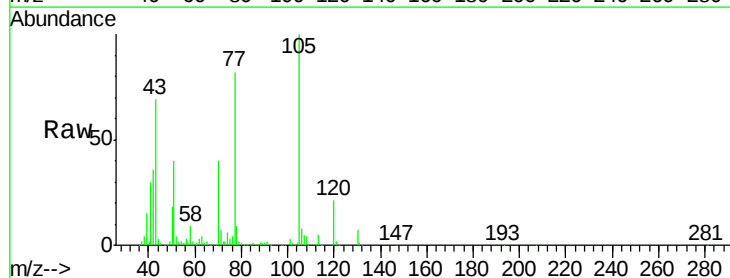
RT: 7.13 min Scan# 441

Delta R.T. -0.00 min

Lab File: BF086780.D

Acq: 7 May 2016 18:08

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	670087		
71	6.8	4.8	7.2	
51	39.6	32.6	49.0	
120	20.9	16.5	24.7	

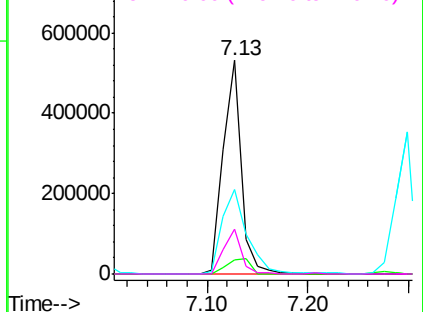
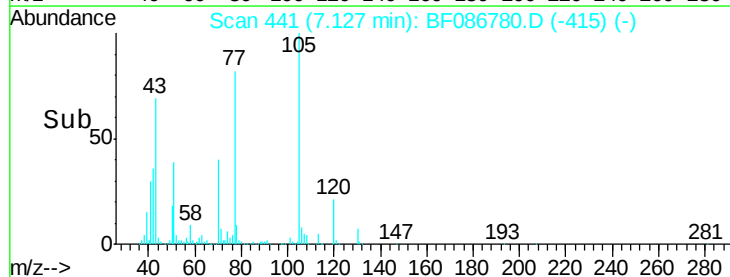


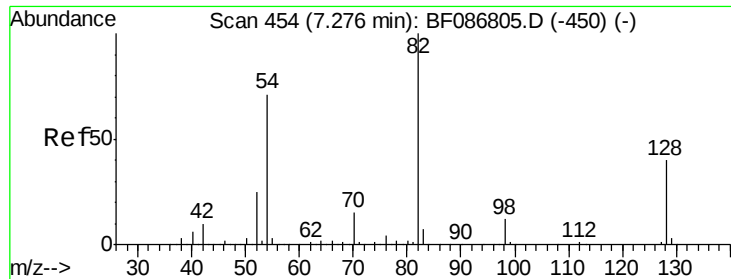
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E





#23

Nitrobenzene-d5

Concen: 76.83 ng

RT: 7.28 min Scan# 454

Delta R.T. -0.01 min

Lab File: BF086780.D

Acq: 7 May 2016 18:08

Instrument :

BNA_F

ClientSampleId :

PB90240BS

Tgt Ion: 82 Resp: 1044699

Ion Ratio Lower Upper

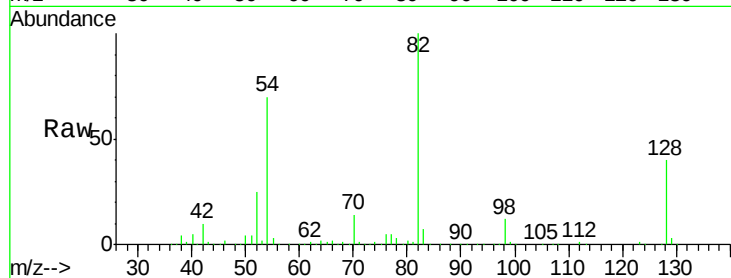
82 100

128 39.7 40.6 61.0#

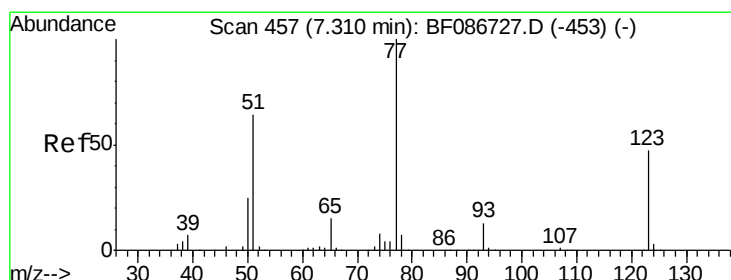
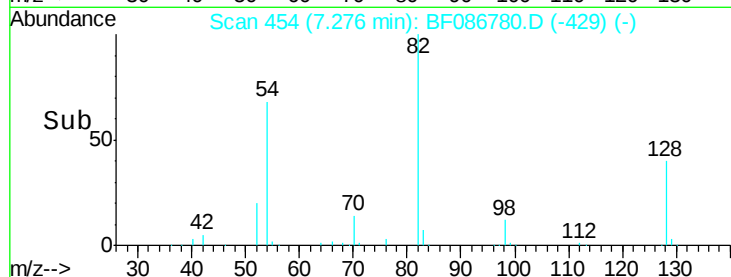
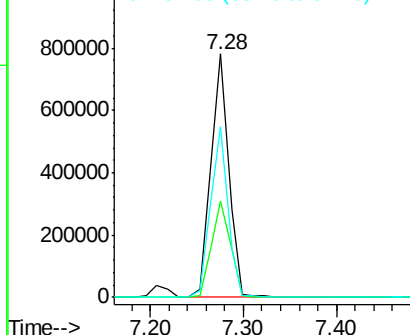
54 70.1 38.1 57.1#

Manual Integrations
APPROVED

Sohil
5/9/2016 7:20:06 PM



Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): B
Ion 54.00 (53.70 to 54.70): BF0



#24

Nitrobenzene

Concen: 40.78 ng

RT: 7.30 min Scan# 456

Delta R.T. -0.00 min

Lab File: BF086780.D

Acq: 7 May 2016 18:08

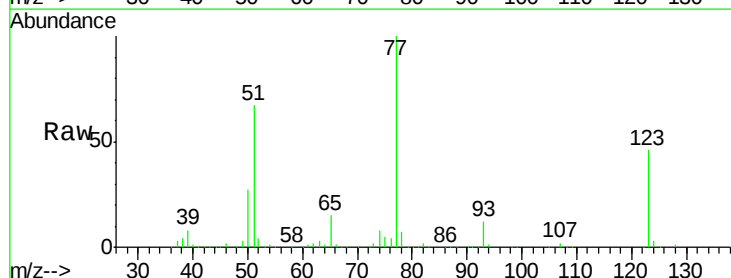
Tgt Ion: 77 Resp: 573214

Ion Ratio Lower Upper

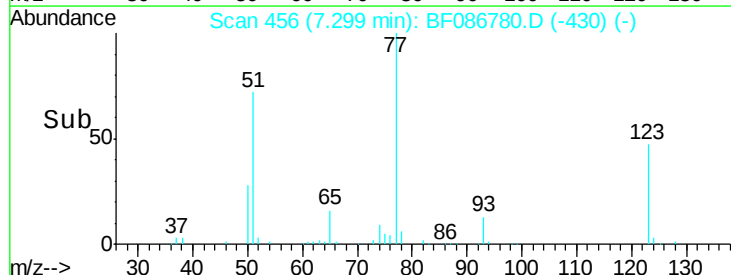
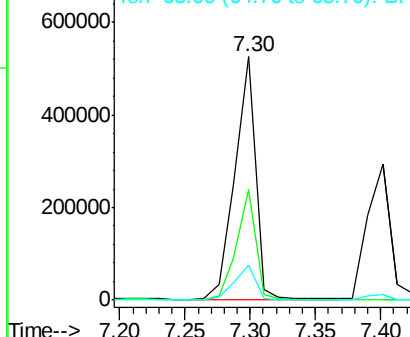
77 100

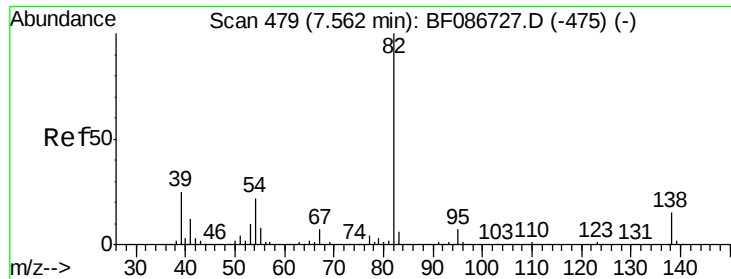
123 45.6 33.0 49.4

65 14.6 10.8 16.2



Abundance Ion 77.00 (76.70 to 77.70): BF0
Ion 123.00 (122.70 to 123.70): B
Ion 65.00 (64.70 to 65.70): BF0





#25

Isophorone

Concen: 38.87 ng

RT: 7.54 min Scan# 477

Delta R.T. -0.01 min

Lab File: BF086780.D

Acq: 7 May 2016 18:08

Instrument :

BNA_F

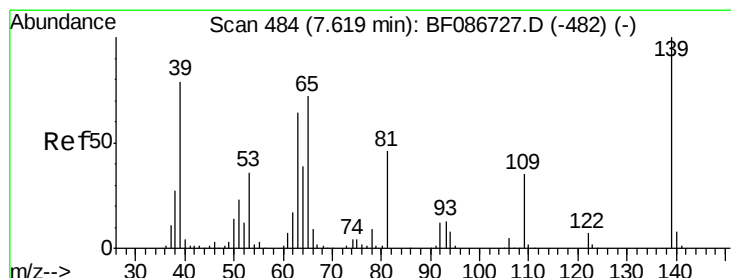
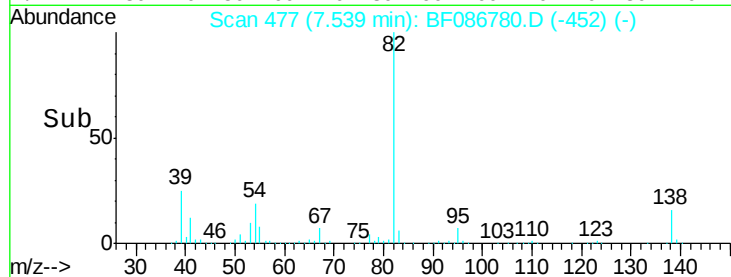
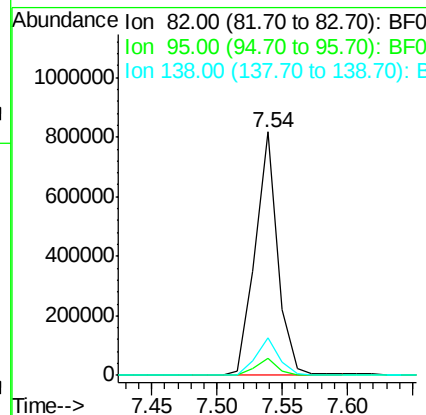
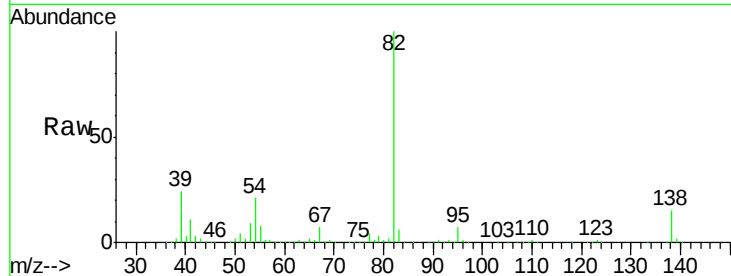
ClientSampleId :

PB90240BS

Tgt Ion:	82	Resp:	984285
Ion Ratio	Lower	Upper	
82	100		
95	7.3	5.1	7.7
138	15.5	12.4	18.6

Manual Integrations
APPROVED

Sohil
5/9/2016 7:20:06 PM



#26

2-Nitrophenol

Concen: 39.61 ng

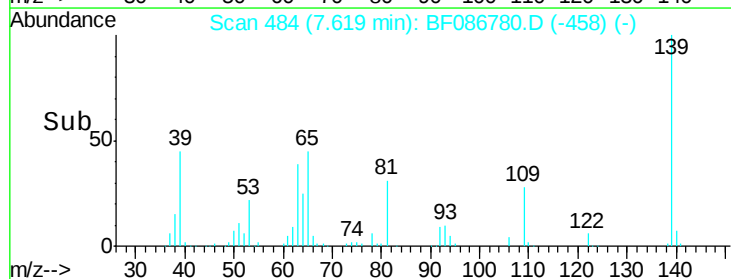
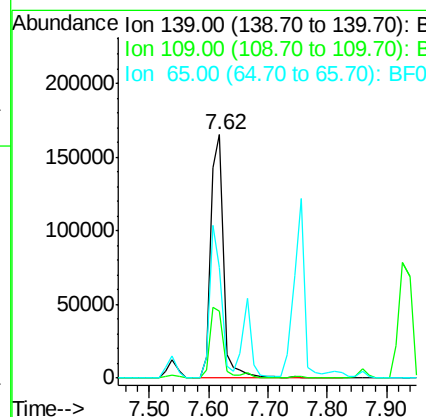
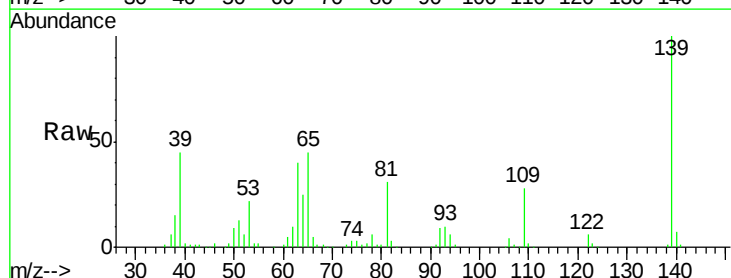
RT: 7.62 min Scan# 484

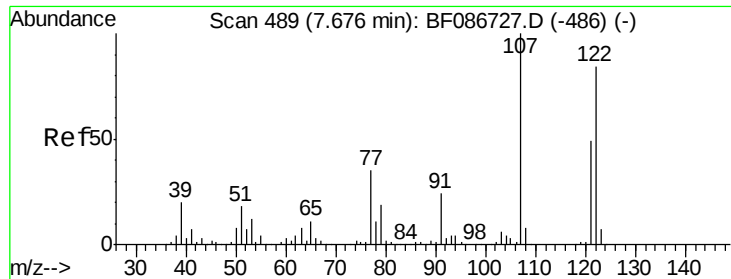
Delta R.T. -0.00 min

Lab File: BF086780.D

Acq: 7 May 2016 18:08

Tgt Ion:	139	Resp:	248452
Ion Ratio	Lower	Upper	
139	100		
109	27.7	19.5	29.3
65	45.1	37.5	56.3





#27

2,4-Dimethylphenol

Concen: 37.42 ng

RT: 7.66 min Scan# 488

Delta R.T. -0.01 min

Lab File: BF086780.D

Acq: 7 May 2016 18:08

Instrument :

BNA_F

ClientSampleId :

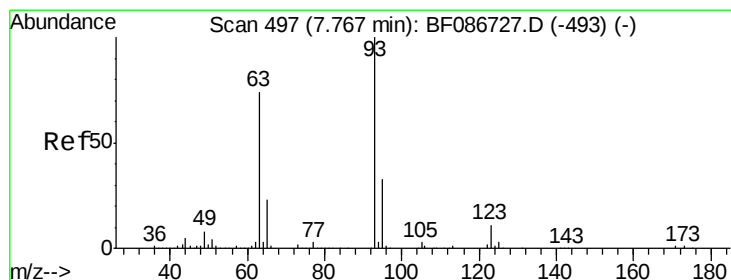
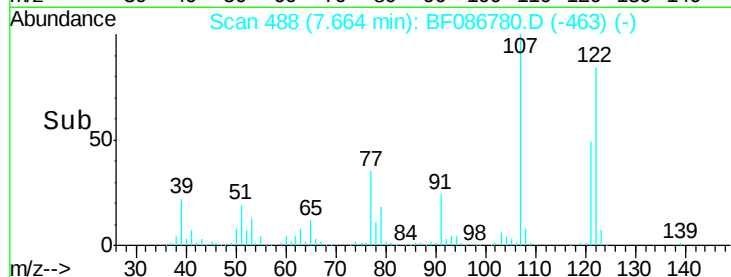
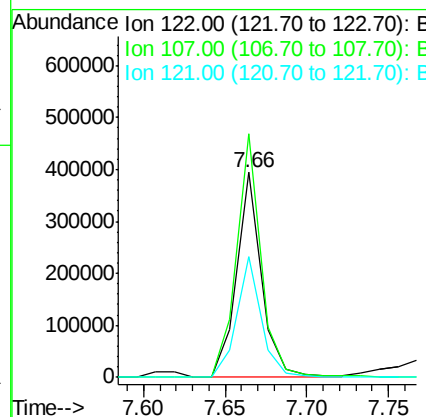
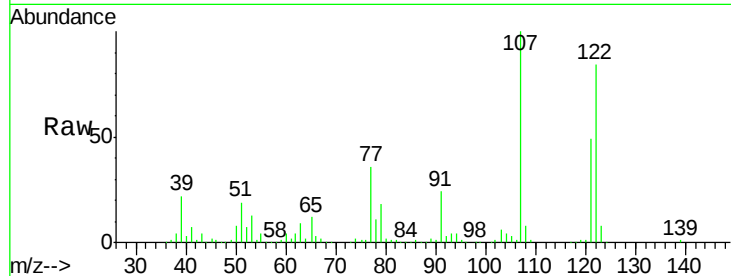
PB90240BS

Manual Integrations
APPROVED

Sohil

5/9/2016 7:20:06 PM

Tgt Ion:	122	Resp:	412135
Ion Ratio	Lower	Upper	
122	100		
107	118.7	82.0	123.0
121	58.6	46.1	69.1



#28

bis(2-Chloroethoxy)methane

Concen: 44.21 ng

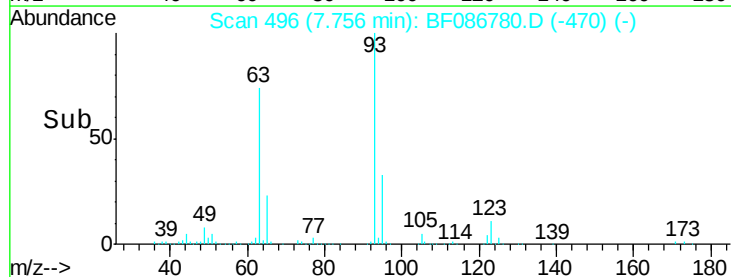
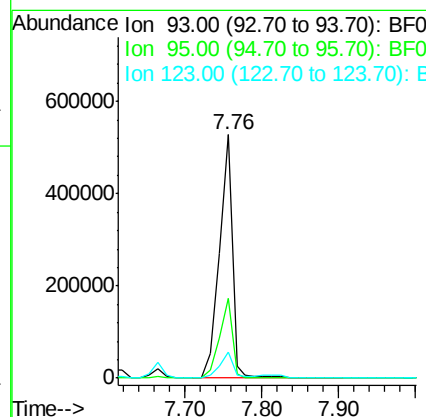
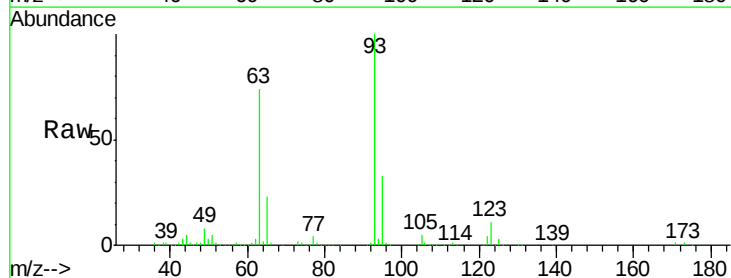
RT: 7.76 min Scan# 496

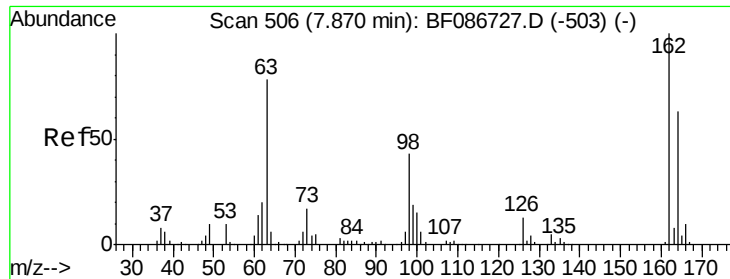
Delta R.T. -0.00 min

Lab File: BF086780.D

Acq: 7 May 2016 18:08

Tgt Ion:	93	Resp:	616153
Ion Ratio	Lower	Upper	
93	100		
95	32.8	26.0	39.0
123	10.9	9.5	14.3





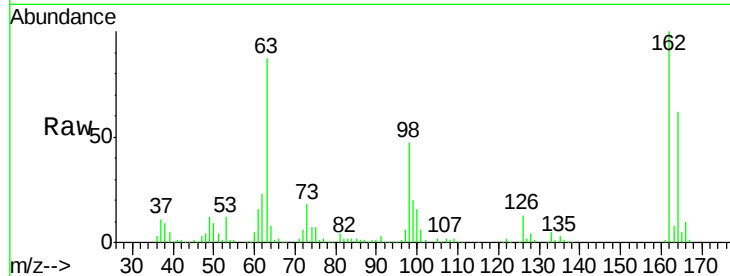
#29
 2,4-Dichlorophenol
 Concen: 40.52 ng
 RT: 7.86 min Scan# 505
 Delta R.T. -0.01 min
 Lab File: BF086780.D
 Acq: 7 May 2016 18:08

Instrument :
 BNA_F
 ClientSampleId :
 PB90240BS

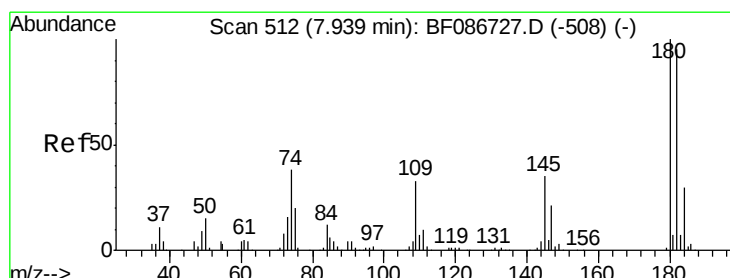
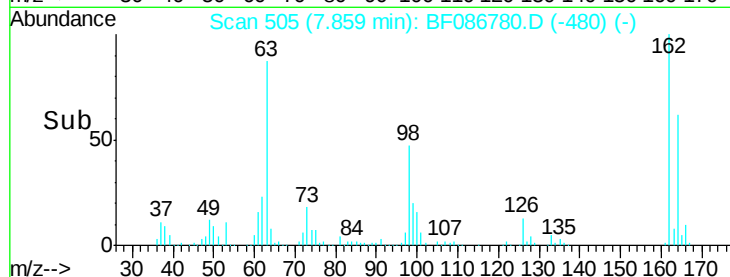
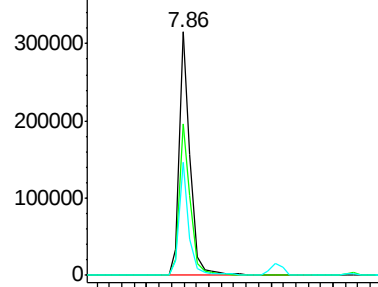
Tgt Ion	Ratio	Resp	Lower	Upper
162	100	383684		
164	62.3	42.2	82.2	
98	46.5	19.0	59.0	

Manual Integrations
 APPROVED

Sohil
 5/9/2016 7:20:06 PM

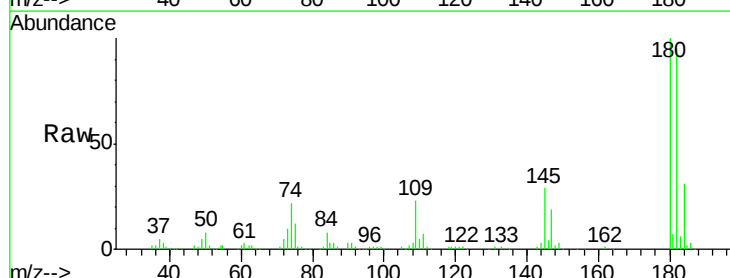


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

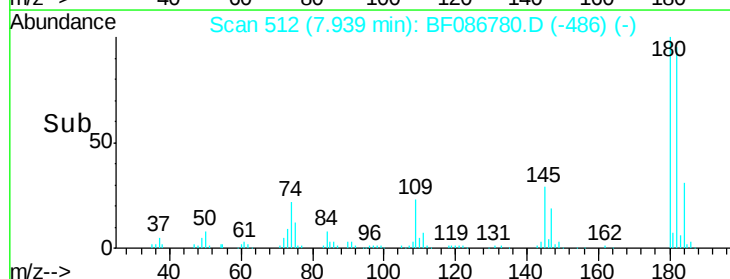
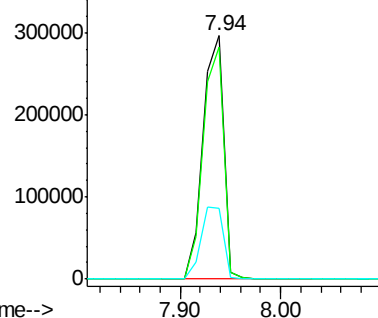


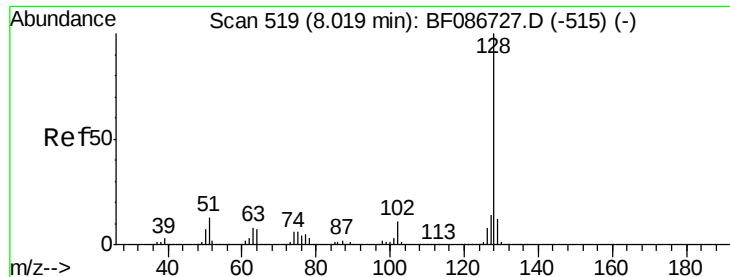
#30
 1,2,4-Trichlorobenzene
 Concen: 40.18 ng
 RT: 7.94 min Scan# 512
 Delta R.T. -0.00 min
 Lab File: BF086780.D
 Acq: 7 May 2016 18:08

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	424517		
182	95.4	78.0	117.0	
145	28.9	24.2	36.2	



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





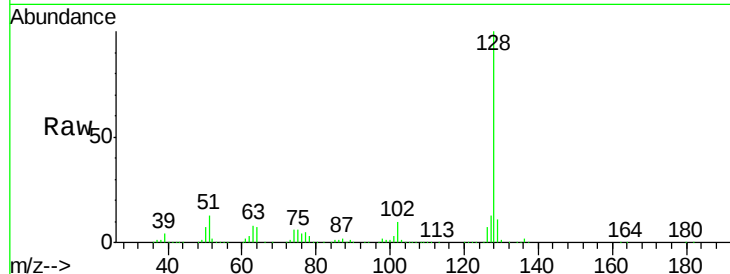
#31
Naphthalene
Concen: 37.67 ng
RT: 8.01 min Scan# 518
Delta R.T. -0.01 min
Lab File: BF086780.D
Acq: 7 May 2016 18:08

Instrument :
BNA_F
ClientSampleId :
PB90240BS

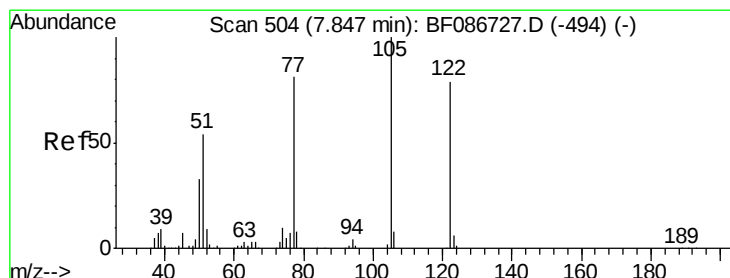
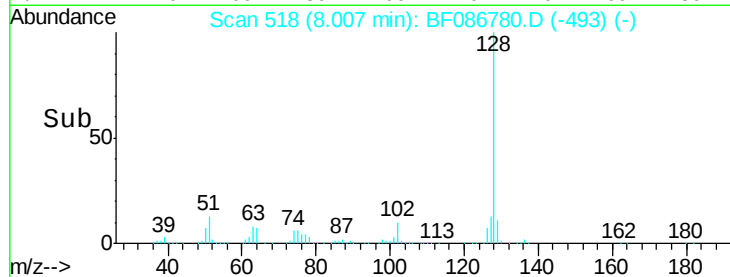
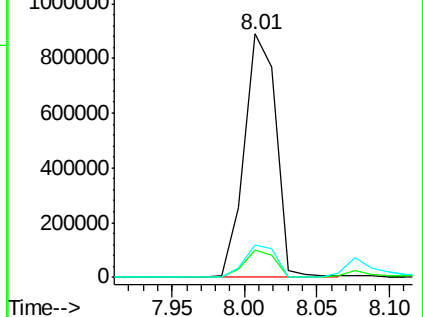
Tgt Ion:128 Resp: 1344888
Ion Ratio Lower Upper
128 100
129 11.4 8.6 13.0
127 13.5 10.8 16.2

Manual Integrations
APPROVED

Sohil
5/9/2016 7:20:06 PM

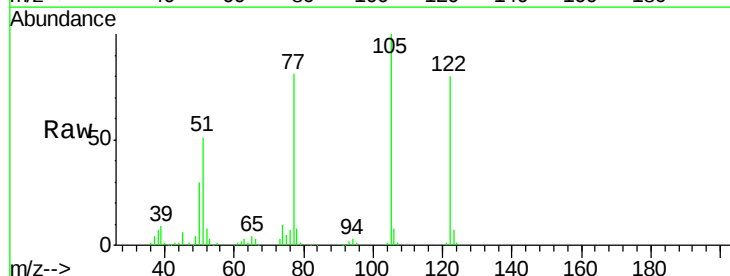


Abundance Ion 128.00 (127.70 to 128.70): E
1200000
Ion 129.00 (128.70 to 129.70): E
1000000
Ion 127.00 (126.70 to 127.70): E
800000
600000
400000
200000
0

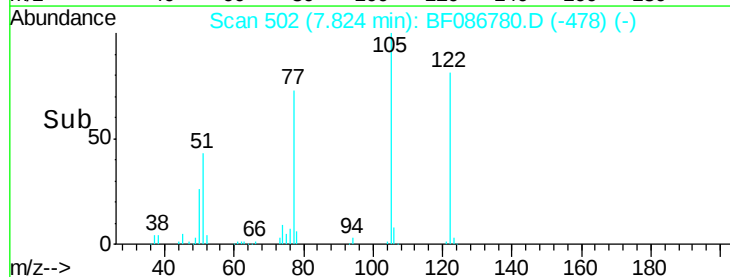
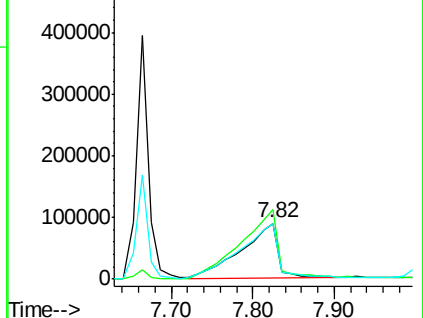


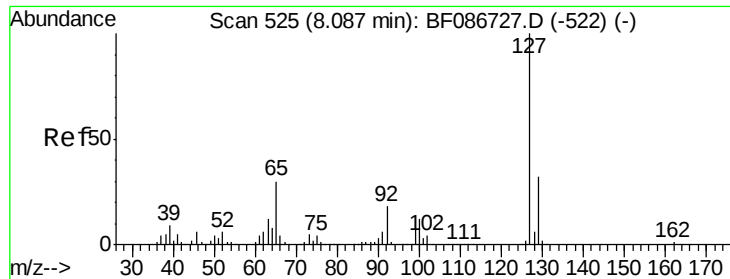
#32
Benzoic acid
Concen: 61.70 ng
RT: 7.82 min Scan# 502
Delta R.T. -0.02 min
Lab File: BF086780.D
Acq: 7 May 2016 18:08

Tgt Ion:122 Resp: 277634
Ion Ratio Lower Upper
122 100
105 124.7 92.6 132.6
77 100.8 60.0 100.0#



Abundance Ion 122.00 (121.70 to 122.70): E
500000
Ion 105.00 (104.70 to 105.70): E
400000
Ion 77.00 (76.70 to 77.70): BF0
300000
200000
100000
0





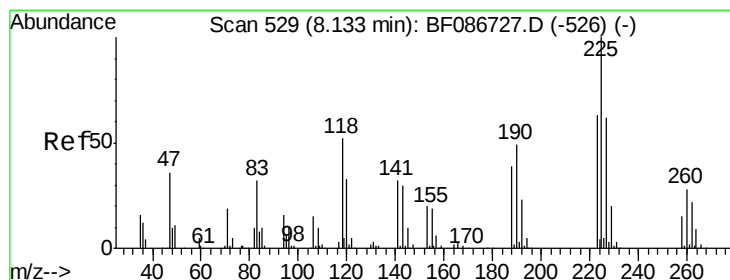
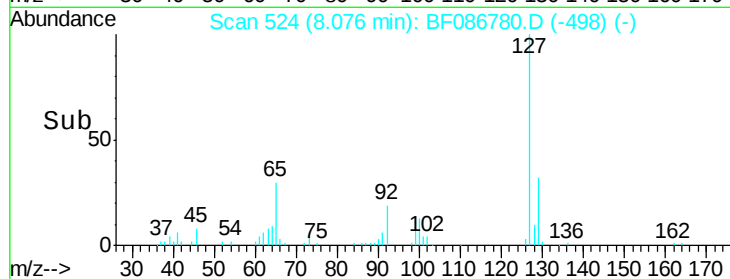
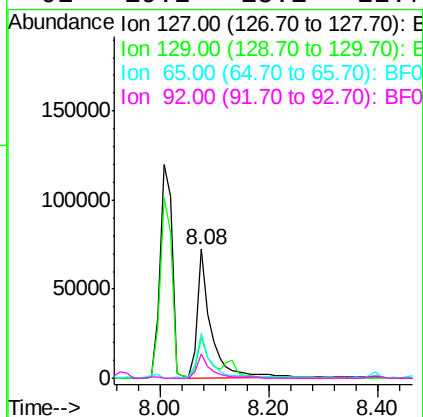
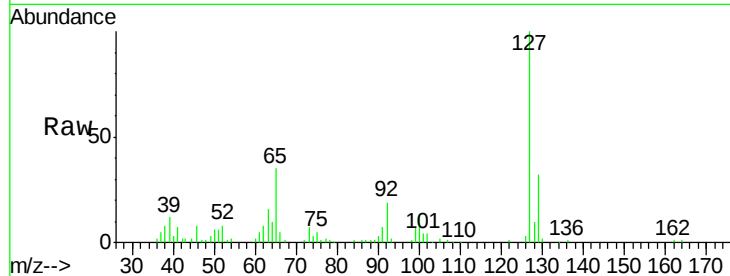
#33
4-Chloroaniline
Concen: 8.98 ng
RT: 8.08 min Scan# 524
Delta R.T. -0.00 min
Lab File: BF086780.D
Acq: 7 May 2016 18:08

Instrument :
BNA_F
ClientSampleId :
PB90240BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
127	100		
129	31.7	26.2	39.4
65	35.0	23.0	34.4
92	19.2	15.1	22.7

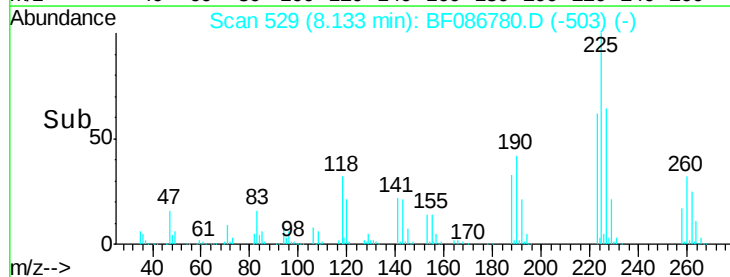
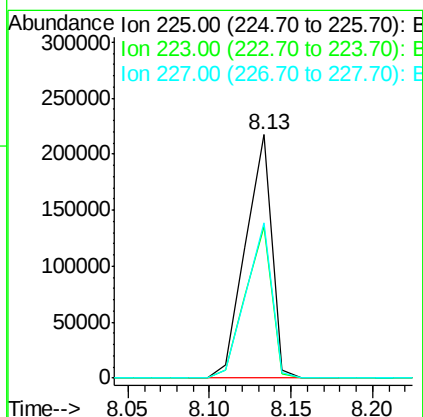
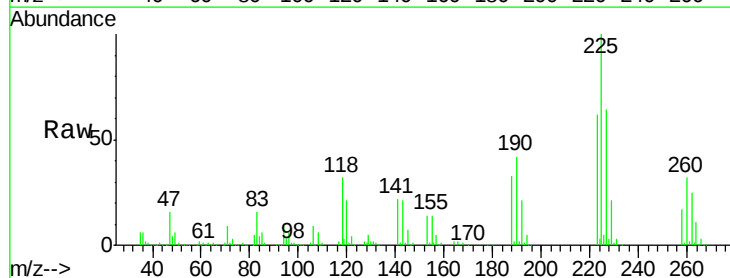
Manual Integrations
APPROVED

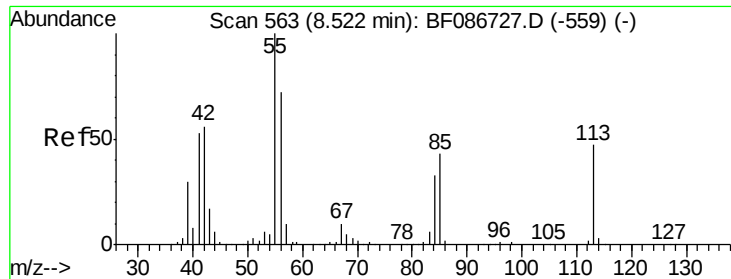
Sohil
5/9/2016 7:20:06 PM



#34
Hexachlorobutadiene
Concen: 40.42 ng
RT: 8.13 min Scan# 529
Delta R.T. -0.00 min
Lab File: BF086780.D
Acq: 7 May 2016 18:08

Tgt Ion	Ratio	Resp Lower	Resp Upper
225	100		
223	62.2	51.5	77.3
227	63.5	52.2	78.2





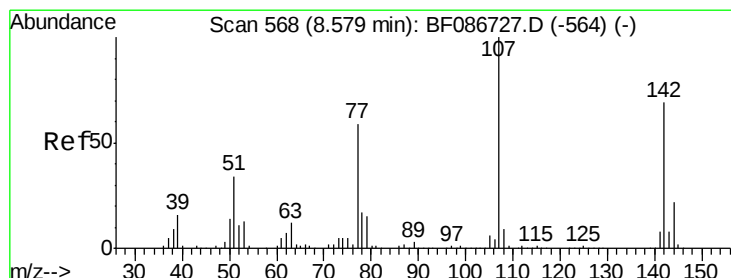
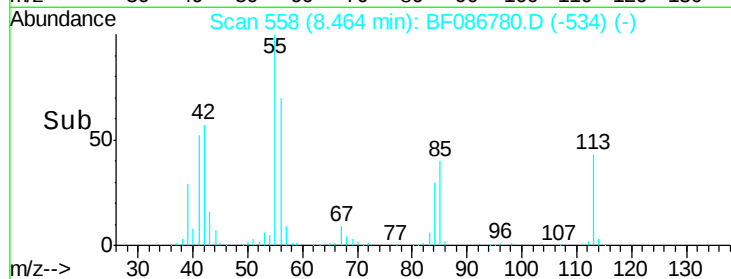
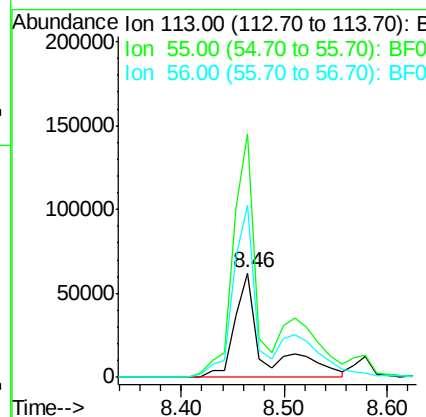
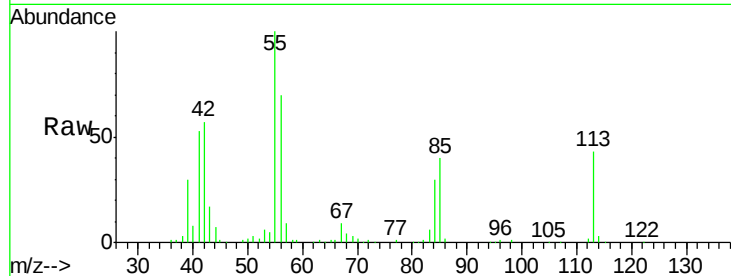
#35
 Caprolactam
 Concen: 42.35 ng m
 RT: 8.46 min Scan# 558
 Delta R.T. -0.02 min
 Lab File: BF086780.D
 Acq: 7 May 2016 18:08

Instrument :
 BNA_F
 ClientSampleId :
 PB90240BS

Tgt Ion	Ratio	Resp	Lower	Upper
113	100	124143		
55	233.5	162.0	202.0#	
56	164.6	115.3	155.3#	

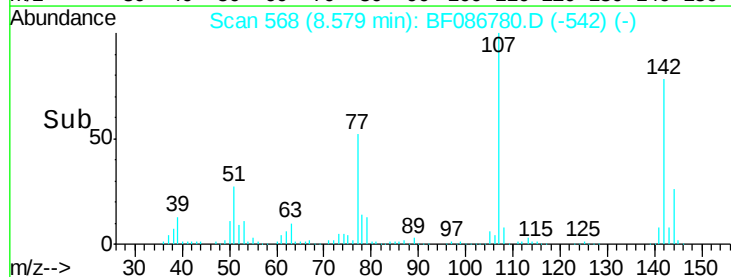
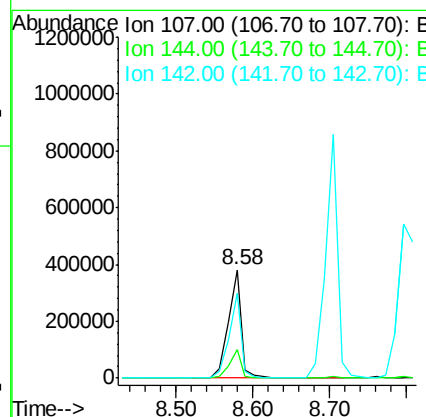
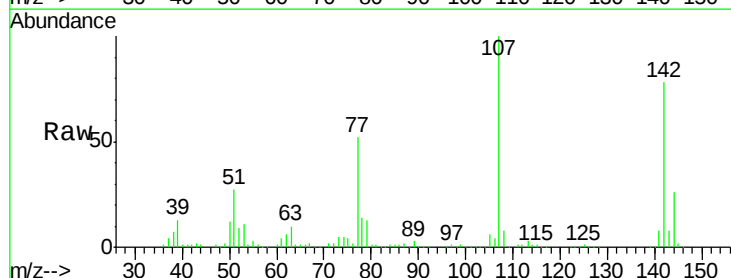
Manual Integrations
 APPROVED

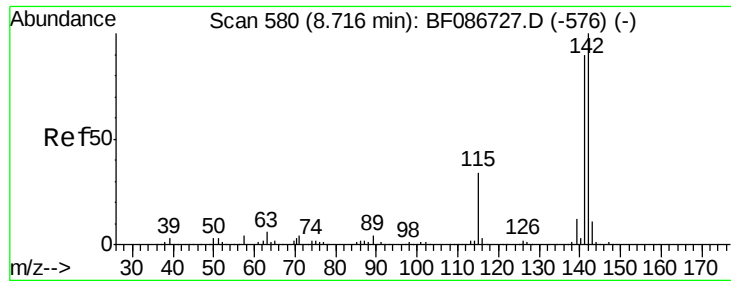
Sohil
 5/9/2016 7:20:06 PM



#36
 4-Chloro-3-methylphenol
 Concen: 42.25 ng
 RT: 8.58 min Scan# 568
 Delta R.T. -0.00 min
 Lab File: BF086780.D
 Acq: 7 May 2016 18:08

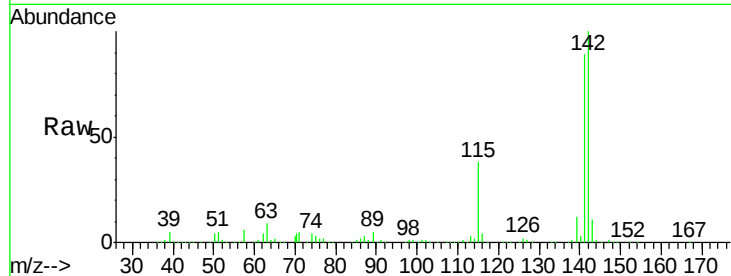
Tgt Ion	Ratio	Resp	Lower	Upper
107	100	456415		
144	26.0	20.7	31.1	
142	78.4	63.2	94.8	





#37
2-Methylnaphthalene
Concen: 42.96 ng
RT: 8.70 min Scan# 579
Delta R.T. -0.00 min
Lab File: BF086780.D
Acq: 7 May 2016 18:08

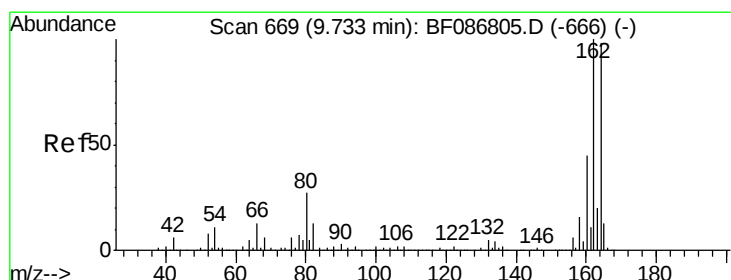
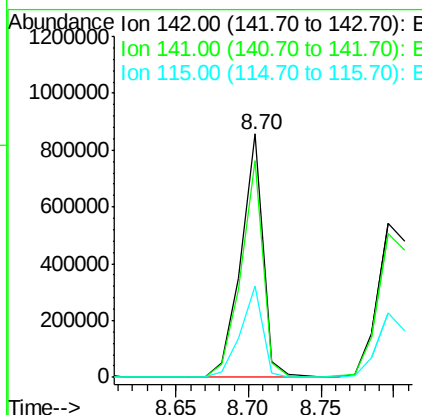
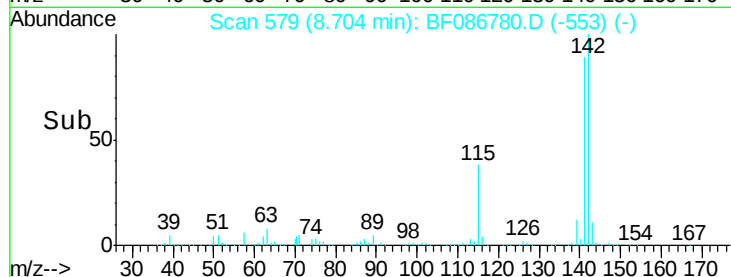
Instrument :
BNA_F
ClientSampleId :
PB90240BS



Tgt Ion	Ratio	Resp	Lower	Upper
142	100	904730		
141	89.0	71.0	106.6	
115	37.8	26.6	39.8	

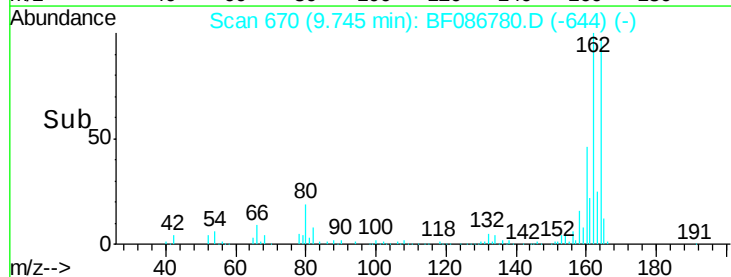
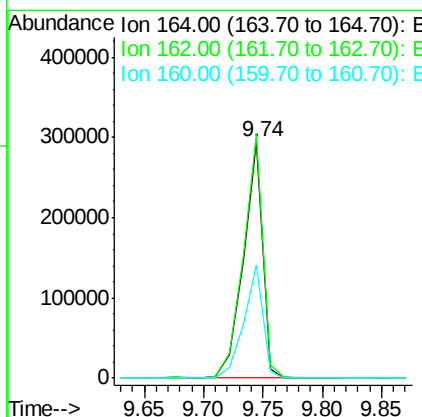
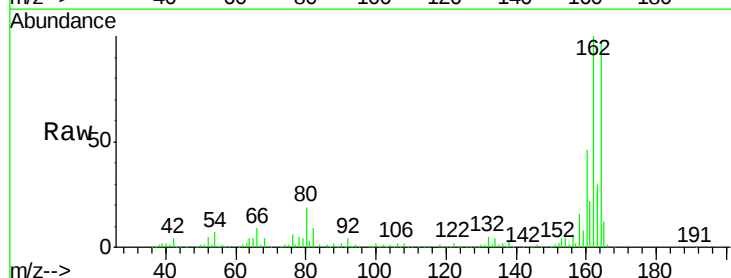
Manual Integrations
APPROVED

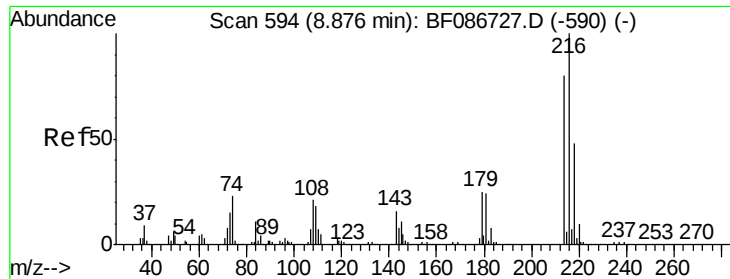
Sohil
5/9/2016 7:20:06 PM



#38
Acenaphthene-d10
Concen: 40.00 ng
RT: 9.74 min Scan# 670
Delta R.T. -0.00 min
Lab File: BF086780.D
Acq: 7 May 2016 18:08

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	334899		
162	103.2	82.8	124.2	
160	47.7	36.9	55.3	





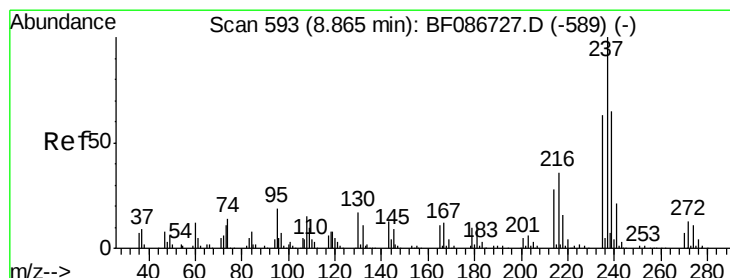
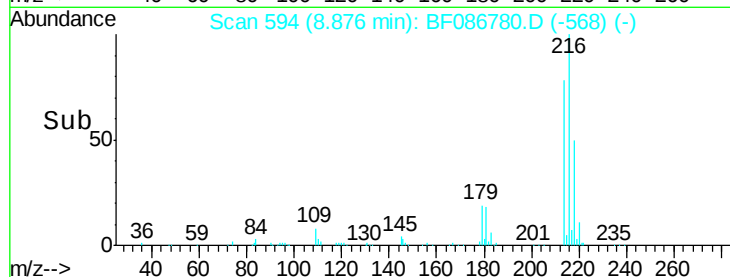
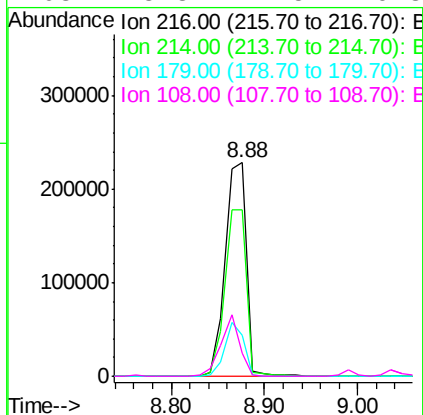
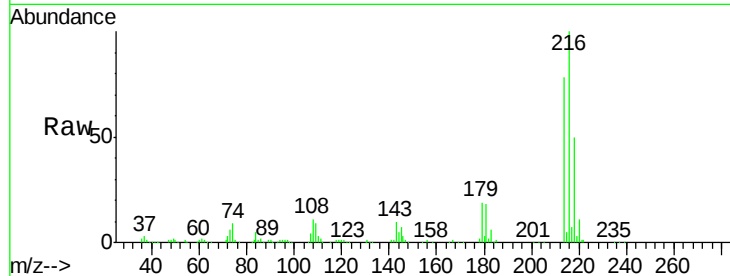
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 37.35 ng
 RT: 8.88 min Scan# 594
 Delta R.T. -0.00 min
 Lab File: BF086780.D
 Acq: 7 May 2016 18:08

Instrument :
 BNA_F
 ClientSampleId :
 PB90240BS

Tgt Ion	Ratio	Resp	Lower	Upper
216	100	362107		
214	79.0	62.6	93.8	
179	22.8	18.2	27.4	
108	25.8	17.5	26.3	

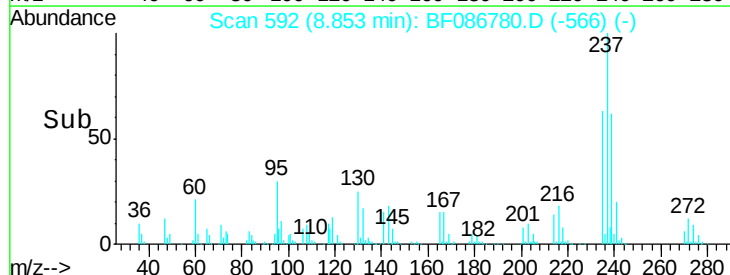
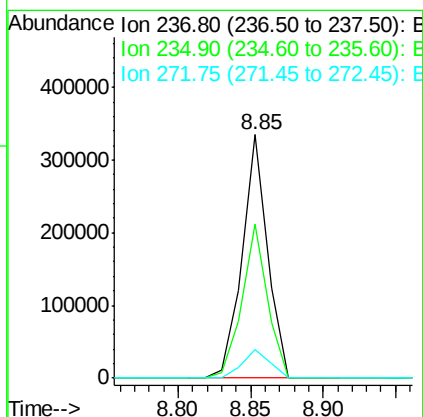
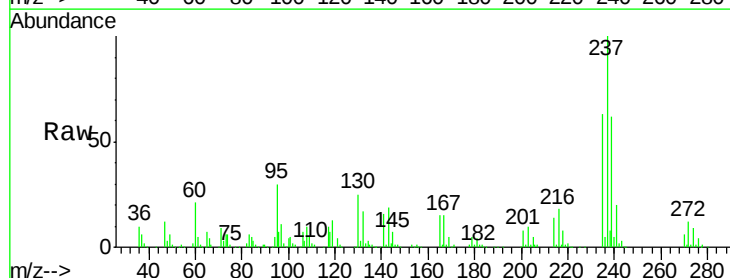
Manual Integrations
 APPROVED

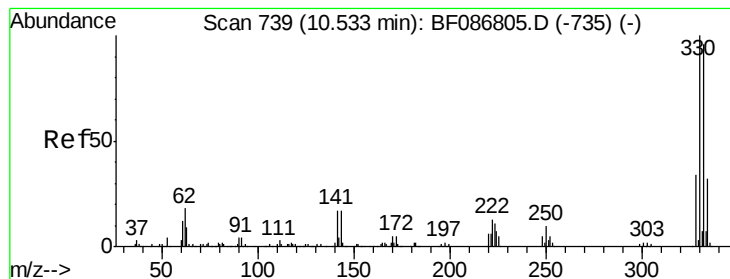
Sohil
 5/9/2016 7:20:06 PM



#40
 Hexachlorocyclopentadiene
 Concen: 90.00 ng
 RT: 8.85 min Scan# 592
 Delta R.T. -0.00 min
 Lab File: BF086780.D
 Acq: 7 May 2016 18:08

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	405831		
235	63.3	47.2	87.2	
272	11.7	0.0	31.1	





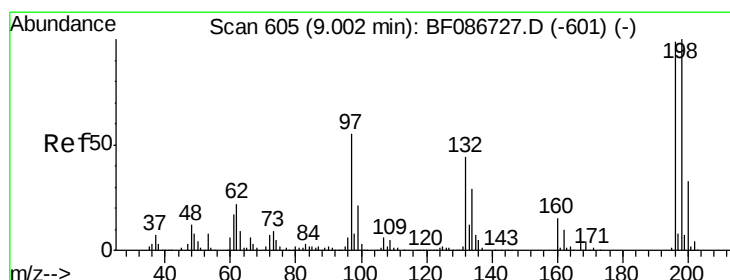
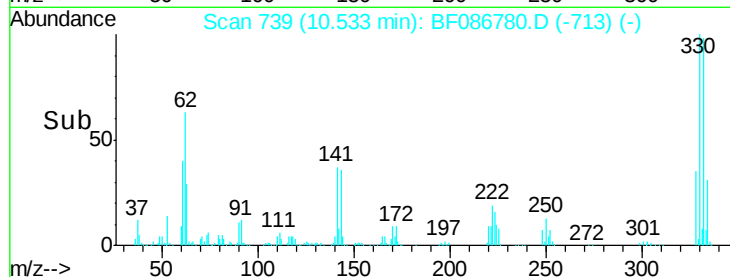
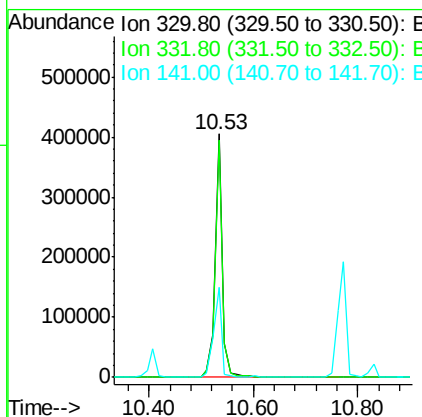
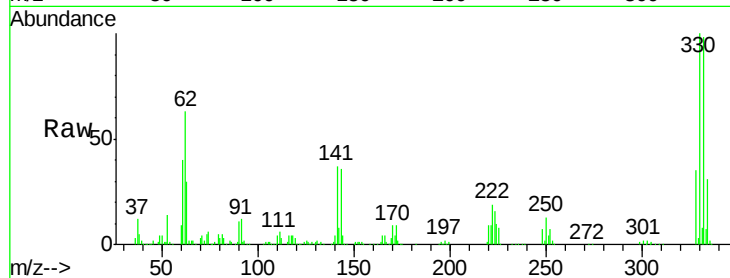
#41
 2,4,6-Tribromophenol
 Concen: 118.98 ng
 RT: 10.53 min Scan# 739
 Delta R.T. -0.00 min
 Lab File: BF086780.D
 Acq: 7 May 2016 18:08

Instrument :
 BNA_F
 ClientSampled :
 PB90240BS

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	389776		
332	97.2	79.0	118.4	
141	41.1	31.2	46.8	

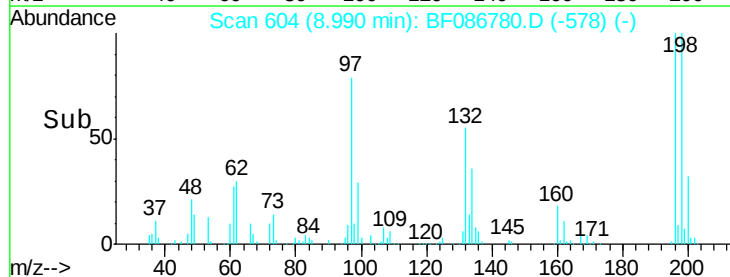
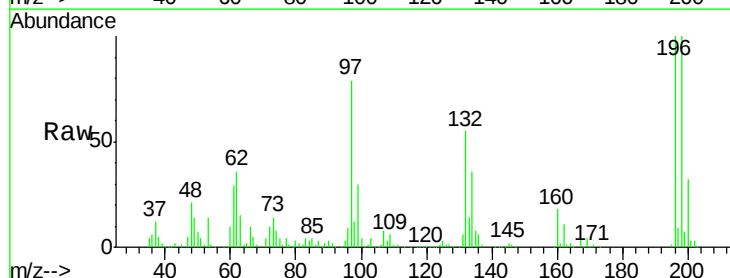
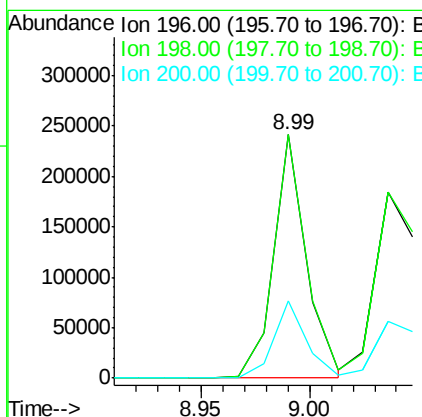
Manual Integrations
 APPROVED

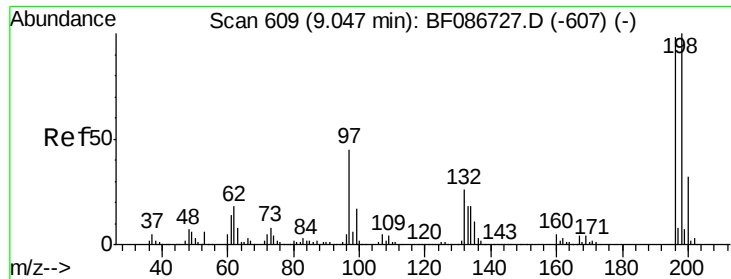
Sohil
 5/9/2016 7:20:06 PM



#42
 2,4,6-Trichlorophenol
 Concen: 41.35 ng
 RT: 8.99 min Scan# 604
 Delta R.T. -0.00 min
 Lab File: BF086780.D
 Acq: 7 May 2016 18:08

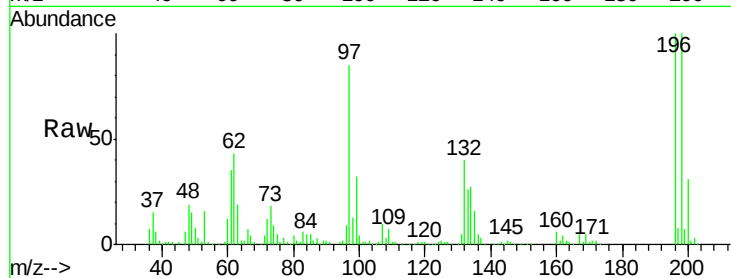
Tgt Ion	Ratio	Resp	Lower	Upper
196	100	254862		
198	100.0	74.7	112.1	
200	31.6	23.8	35.6	





#43
 2,4,5-Trichlorophenol
 Concen: 39.55 ng
 RT: 9.04 min Scan# 608
 Delta R.T. -0.00 min
 Lab File: BF086780.D
 Acq: 7 May 2016 18:08

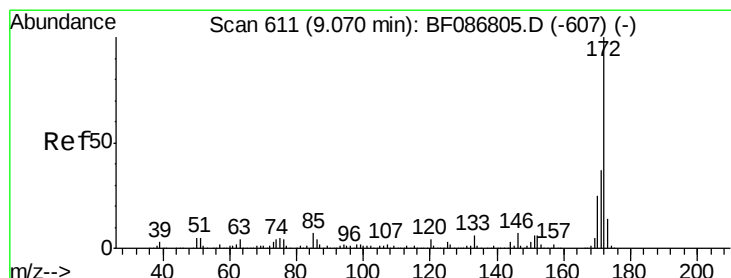
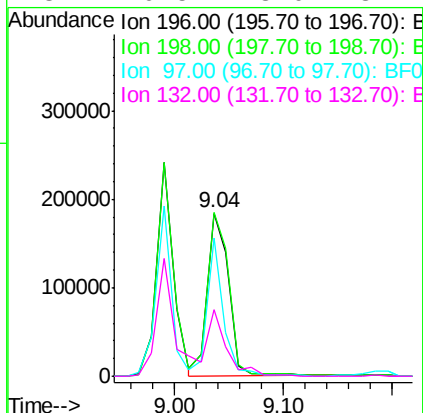
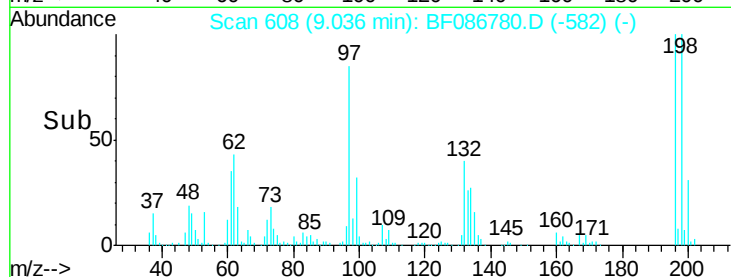
Instrument :
 BNA_F
 ClientSampleId :
 PB90240BS



Tgt Ion	Ratio	Resp	Lower	Upper
196	100	254709		
198	100.2	77.5	116.3	
97	84.7	34.8	52.2	#
132	40.5	23.0	34.4	#

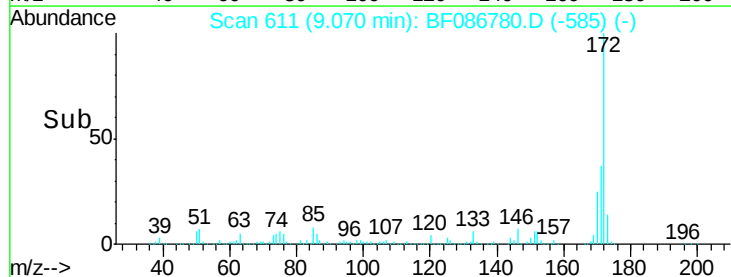
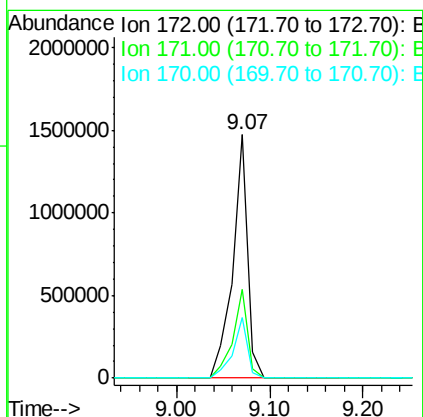
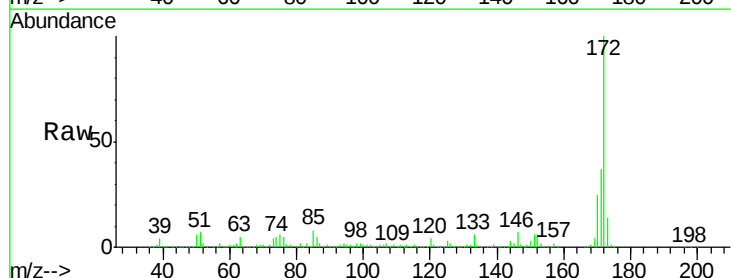
Manual Integrations
 APPROVED

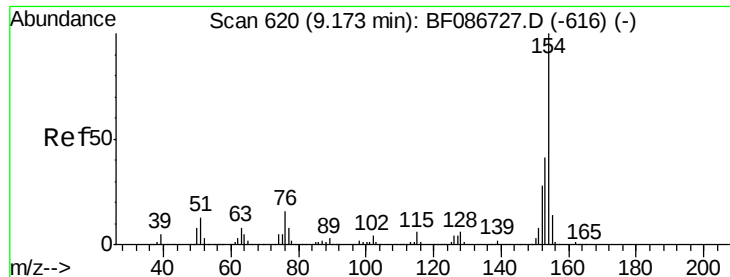
Sohil
 5/9/2016 7:20:06 PM



#44
 2-Fluorobiphenyl
 Concen: 81.41 ng
 RT: 9.07 min Scan# 611
 Delta R.T. -0.00 min
 Lab File: BF086780.D
 Acq: 7 May 2016 18:08

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1663316		
171	36.6	29.0	43.6	
170	25.0	19.8	29.8	





#45

1,1'-Biphenyl

Concen: 41.72 ng

RT: 9.17 min Scan# 620

Delta R.T. -0.00 min

Lab File: BF086780.D

Acq: 7 May 2016 18:08

Instrument :

BNA_F

ClientSampleId :

PB90240BS

Tgt Ion:154 Resp: 1142272

Ion Ratio Lower Upper

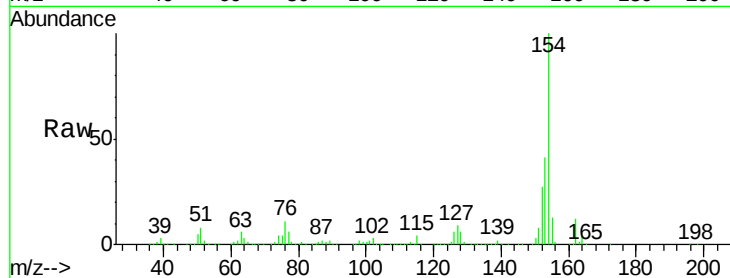
154 100

153 40.5 20.3 60.3

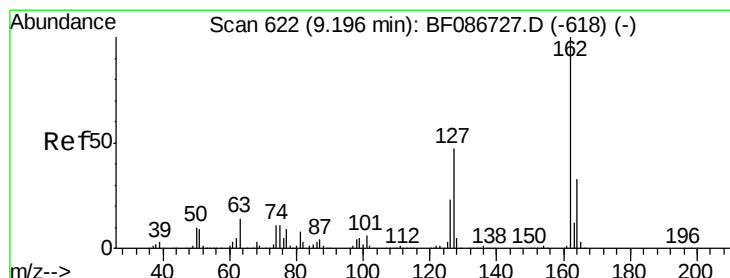
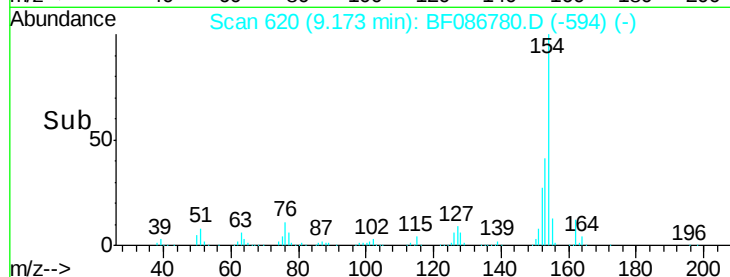
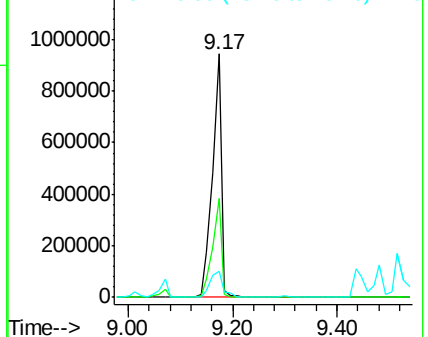
76 10.9 0.0 30.2

Manual Integrations
APPROVED

Sohil
5/9/2016 7:20:06 PM



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



#46

2-Chloronaphthalene

Concen: 39.30 ng

RT: 9.20 min Scan# 622

Delta R.T. -0.00 min

Lab File: BF086780.D

Acq: 7 May 2016 18:08

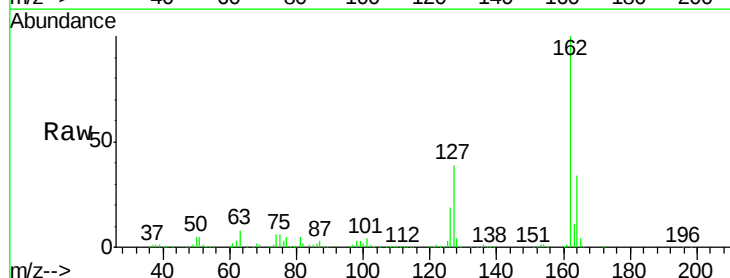
Tgt Ion:162 Resp: 830395

Ion Ratio Lower Upper

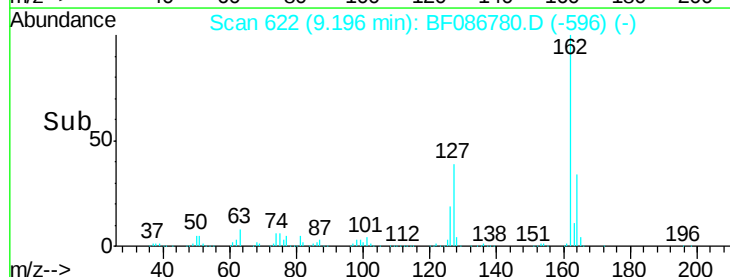
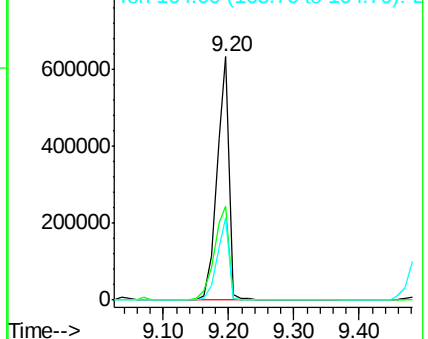
162 100

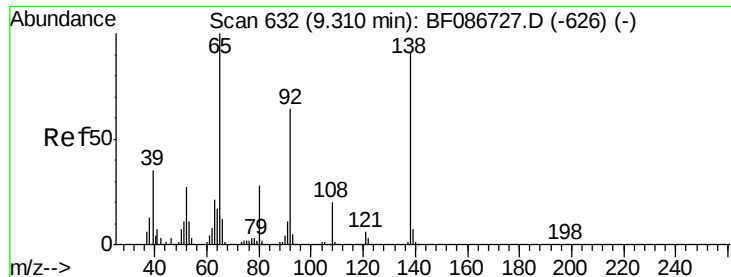
127 38.6 31.8 47.6

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: 39.28 ng

RT: 9.30 min Scan# 631

Delta R.T. -0.00 min

Lab File: BF086780.D

Acq: 7 May 2016 18:08

Instrument :

BNA_F

ClientSampleId :

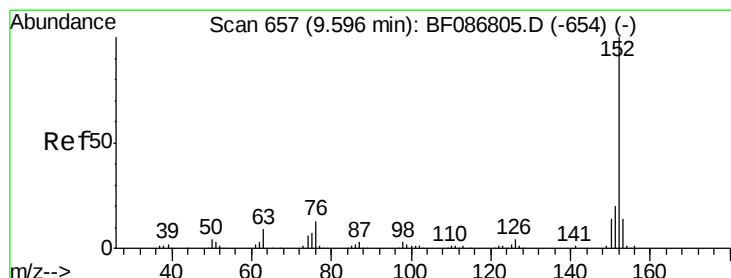
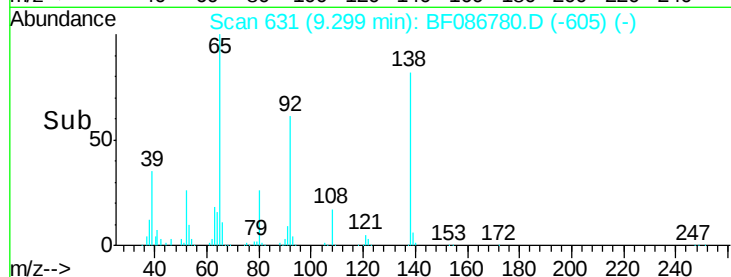
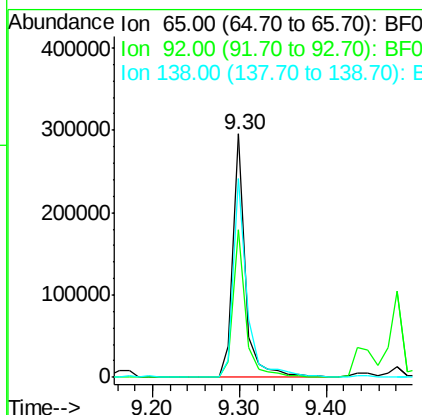
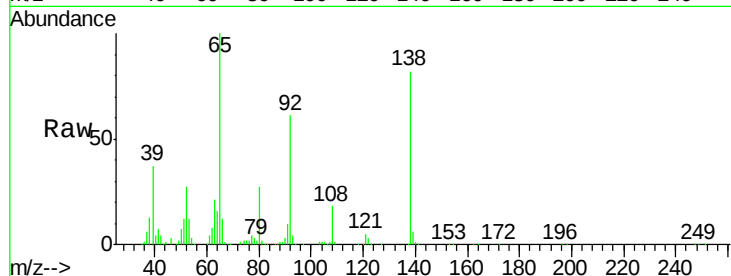
PB90240BS

Manual Integrations
APPROVED

Sohil

5/9/2016 7:20:06 PM

Tgt Ion	Ratio	Lower	Upper
65	100		
92	60.5	57.4	86.2
138	81.6	90.1	135.1#



#48

Acenaphthylene

Concen: 41.24 ng

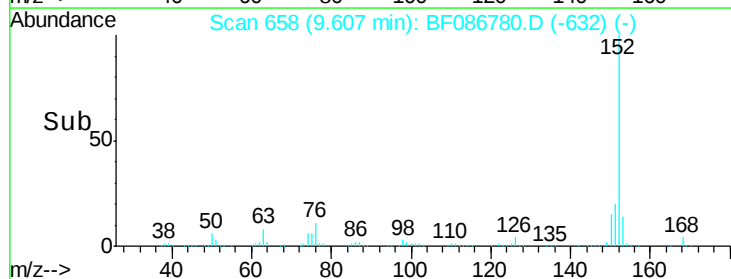
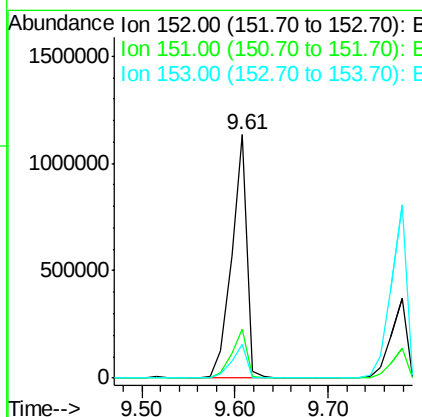
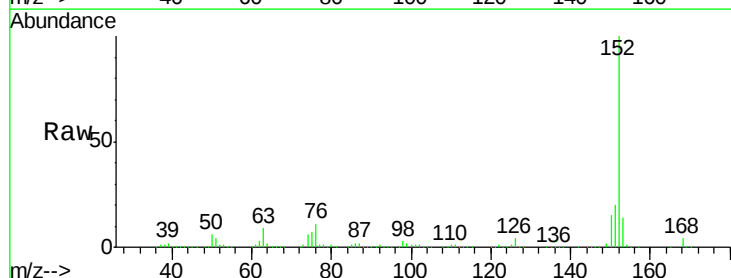
RT: 9.61 min Scan# 658

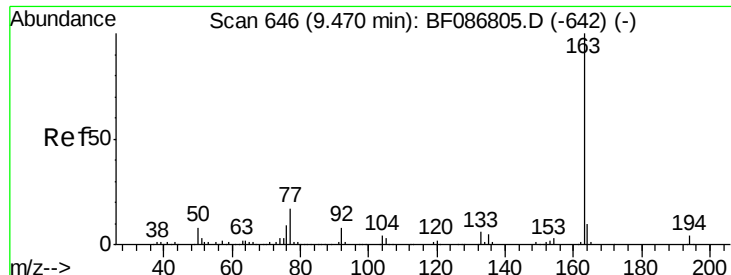
Delta R.T. -0.00 min

Lab File: BF086780.D

Acq: 7 May 2016 18:08

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.4	16.8	25.2
153	13.7	10.9	16.3





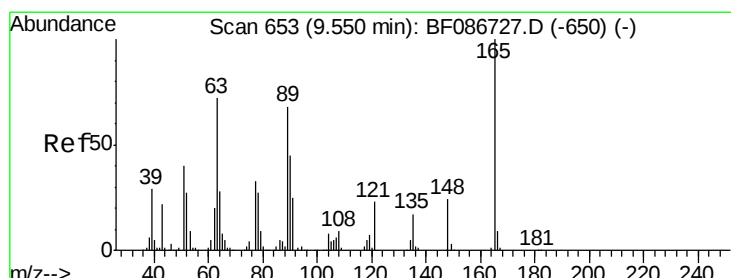
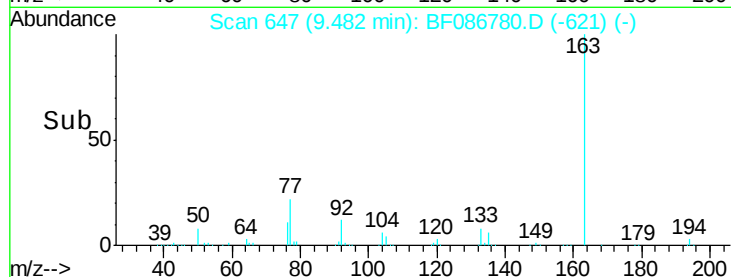
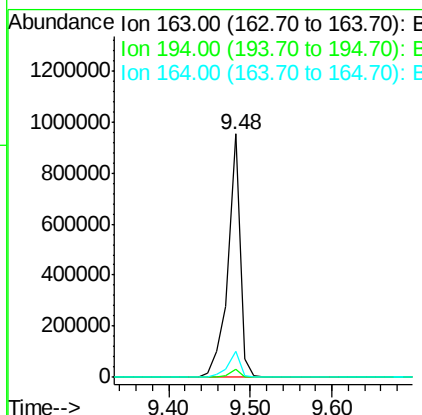
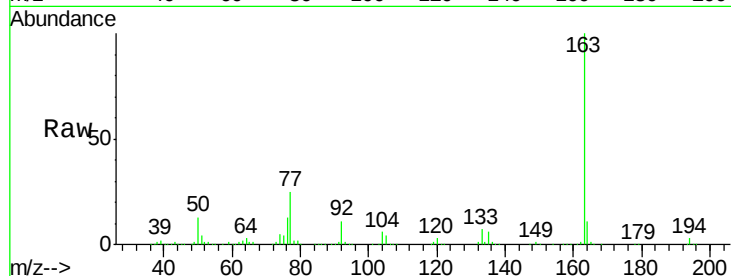
#49
Dimethylphthalate
Concen: 39.29 ng
RT: 9.48 min Scan# 647
Delta R.T. -0.00 min
Lab File: BF086780.D
Acq: 7 May 2016 18:08

Instrument :
BNA_F
ClientSampleId :
PB90240BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
163	100		
194	3.2	2.6	4.0
164	10.5	8.2	12.4

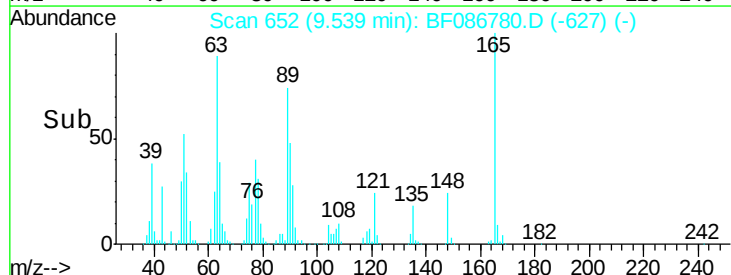
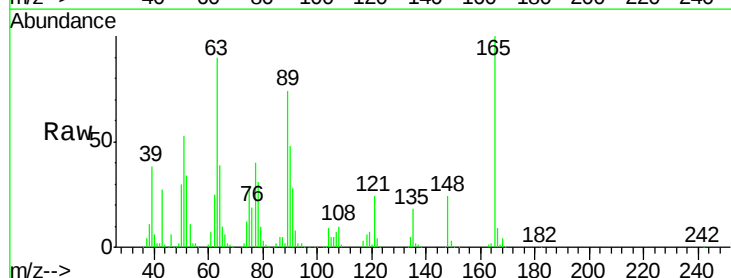
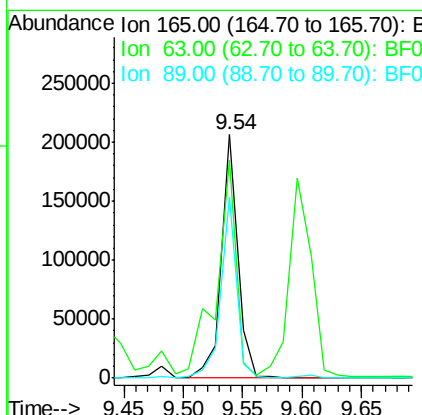
Manual Integrations
APPROVED

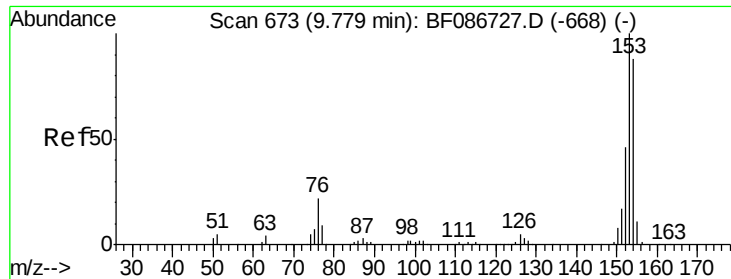
Sohil
5/9/2016 7:20:06 PM



#50
2,6-Dinitrotoluene
Concen: 36.89 ng
RT: 9.54 min Scan# 652
Delta R.T. -0.01 min
Lab File: BF086780.D
Acq: 7 May 2016 18:08

Tgt Ion	Ratio	Resp Lower	Resp Upper
165	100		
63	89.7	51.8	77.8#
89	74.4	50.7	76.1





#51

Acenaphthene

Concen: 39.44 ng

RT: 9.78 min Scan# 673

Delta R.T. -0.00 min

Lab File: BF086780.D

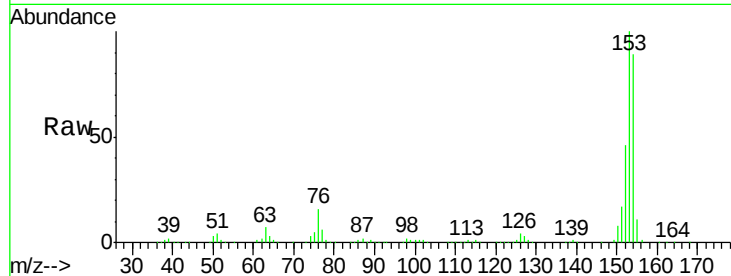
Acq: 7 May 2016 18:08

Instrument :

BNA_F

ClientSampleId :

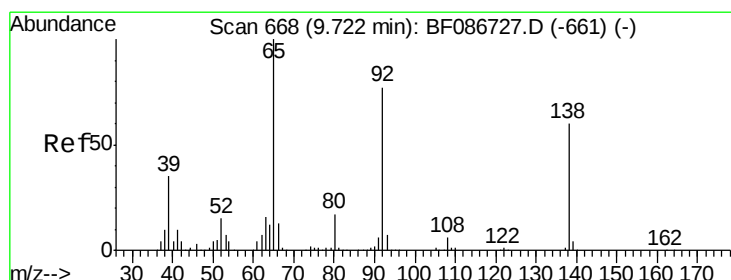
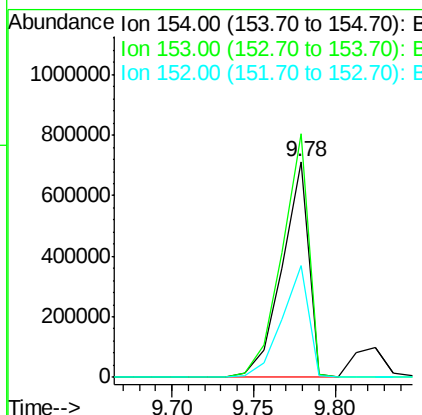
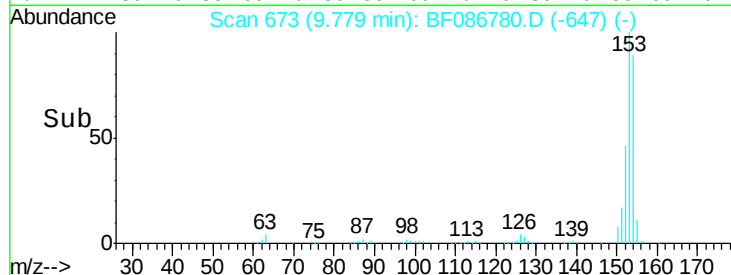
PB90240BS



Tgt Ion:	154	Resp:	815987
Ion Ratio	Lower	Upper	
154	100		
153	112.8	89.8	134.6
152	52.0	43.4	65.0

Manual Integrations
APPROVED

Sohil
5/9/2016 7:20:06 PM



#52

3-Nitroaniline

Concen: 18.15 ng

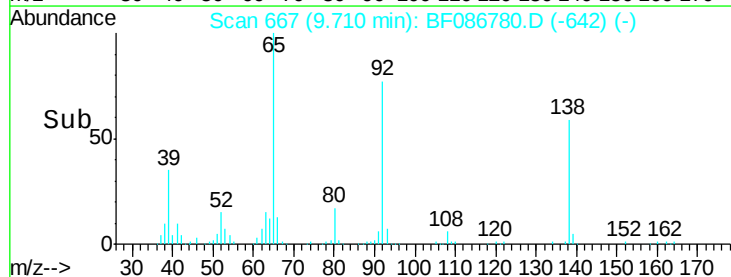
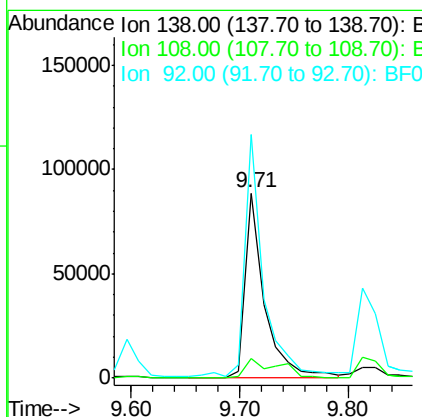
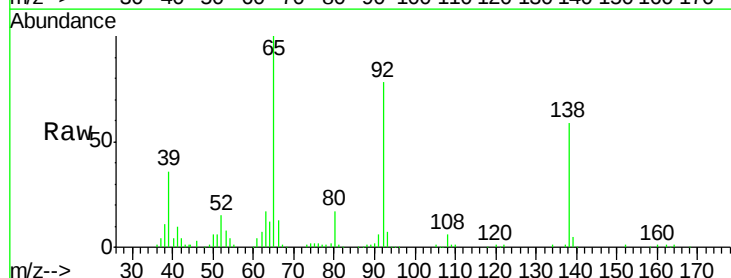
RT: 9.71 min Scan# 667

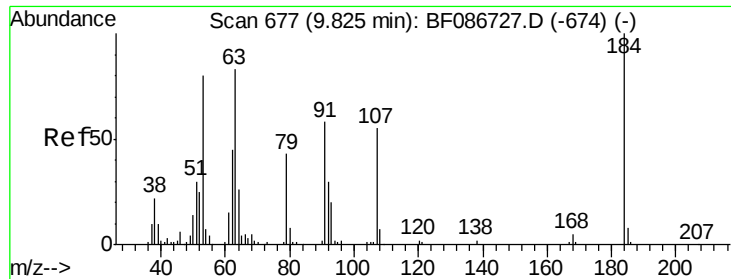
Delta R.T. -0.01 min

Lab File: BF086780.D

Acq: 7 May 2016 18:08

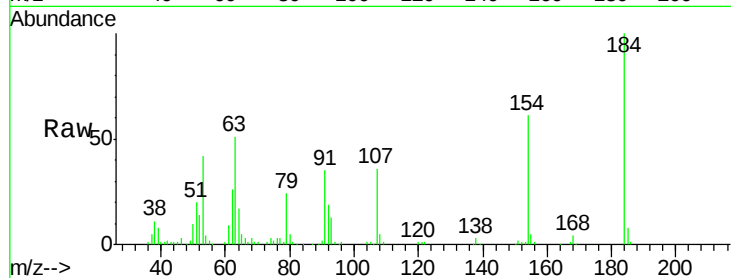
Tgt Ion:	138	Resp:	110528
Ion Ratio	Lower	Upper	
138	100		
108	10.5	7.8	11.6
92	131.7	87.8	131.8





#53
2,4-Dinitrophenol
Concen: 90.94 ng
RT: 9.82 min Scan# 677
Delta R.T. -0.00 min
Lab File: BF086780.D
Acq: 7 May 2016 18:08

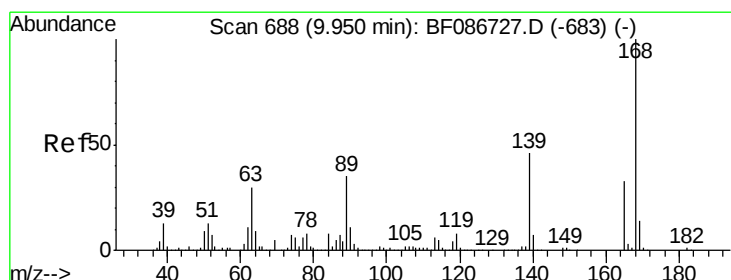
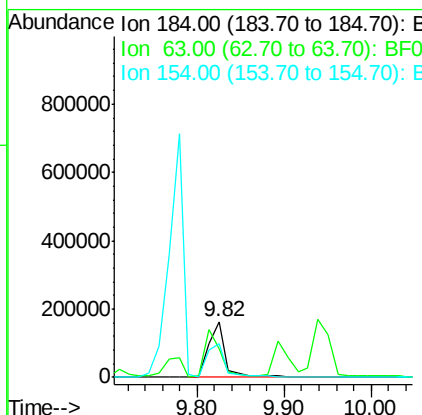
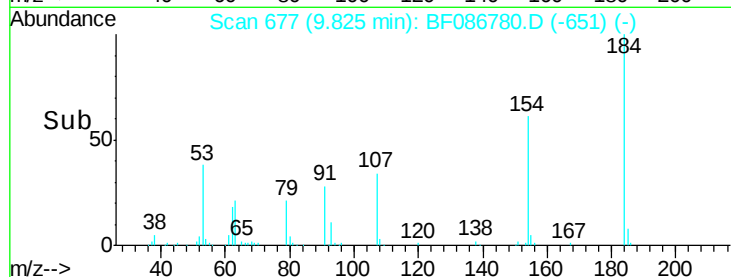
Instrument :
BNA_F
ClientSampleId :
PB90240BS



Tgt Ion	Ratio	Resp	Lower	Upper
184	100	217940		
63	51.1	55.8	83.8#	
154	61.4	62.4	93.6#	

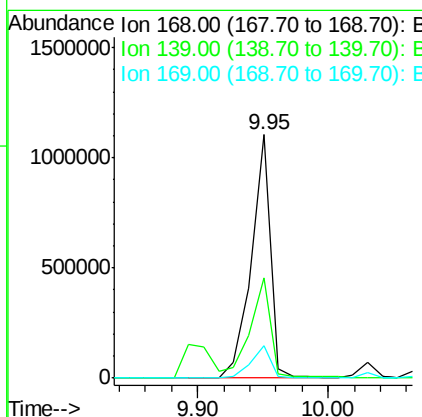
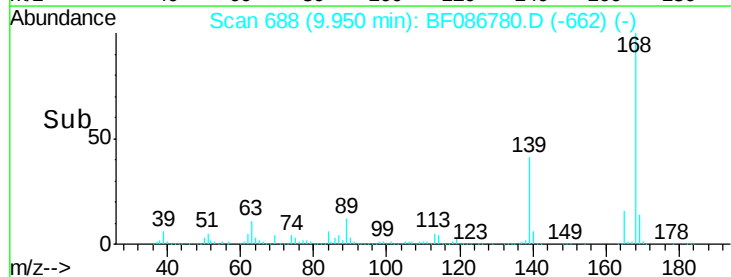
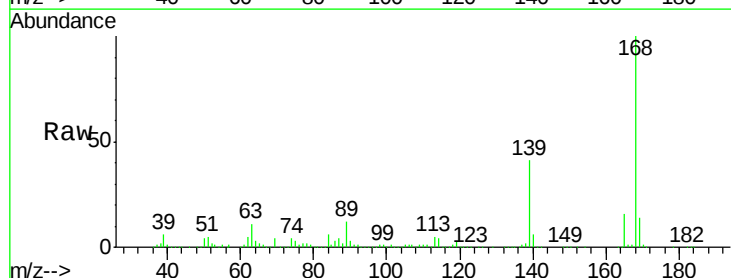
Manual Integrations
APPROVED

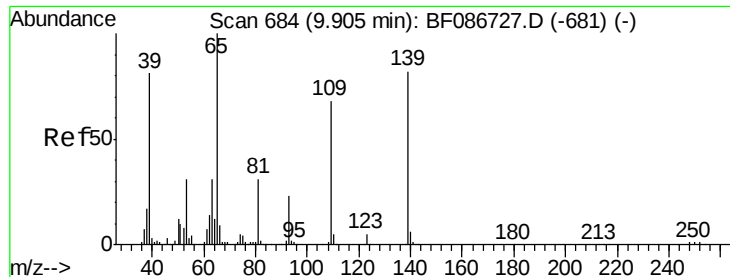
Sohil
5/9/2016 7:20:06 PM



#54
Dibenzofuran
Concen: 44.15 ng
RT: 9.95 min Scan# 688
Delta R.T. -0.00 min
Lab File: BF086780.D
Acq: 7 May 2016 18:08

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	1132136		
139	41.3	31.4	47.0	
169	13.5	10.7	16.1	





#55

4-Nitrophenol

Concen: 63.29 ng

RT: 9.89 min Scan# 683

Delta R.T. -0.00 min

Lab File: BF086780.D

Acq: 7 May 2016 18:08

Instrument :

BNA_F

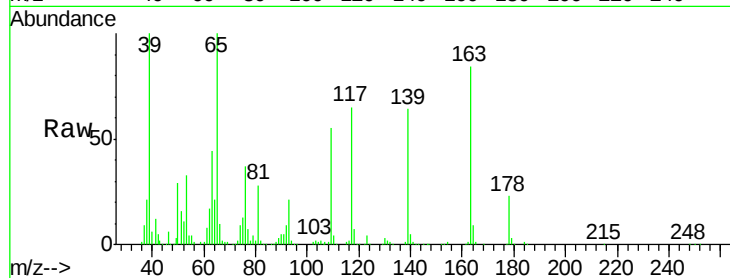
ClientSampleId :

PB90240BS

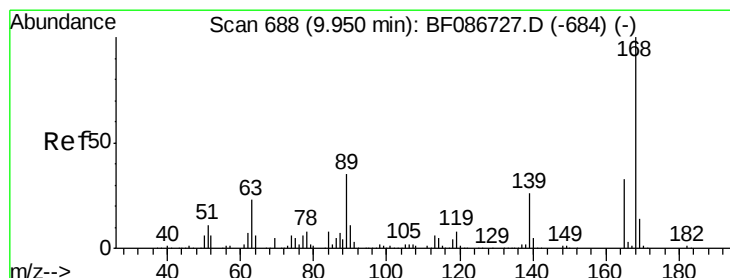
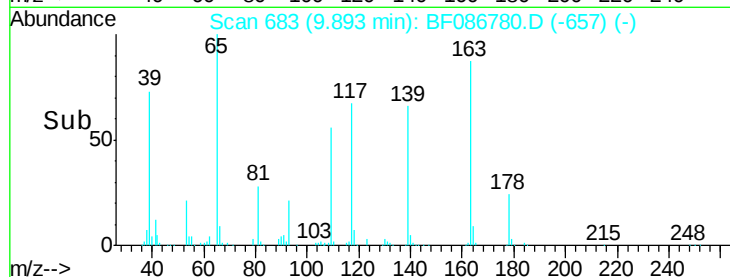
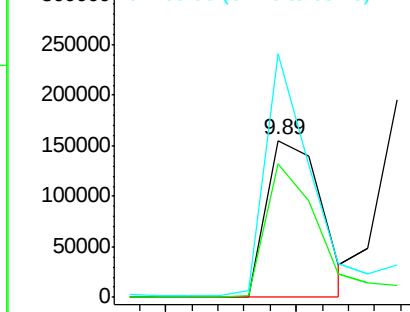
Manual Integrations
APPROVED

Sohil
5/9/2016 7:20:06 PM

Tgt Ion:	139	Resp:	224752
Ion Ratio	Lower	Upper	
139	100		
109	85.4	36.9	76.9#
65	155.2	64.0	104.0#



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



#56

2,4-Dinitrotoluene

Concen: 38.56 ng

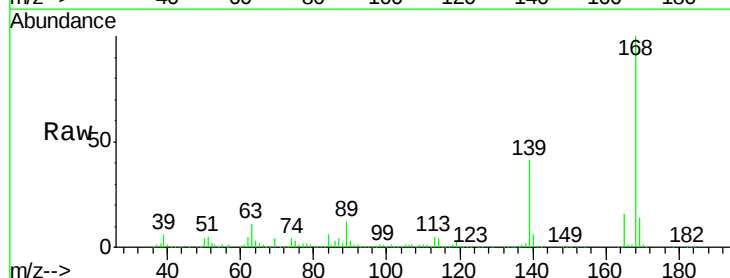
RT: 9.95 min Scan# 688

Delta R.T. -0.00 min

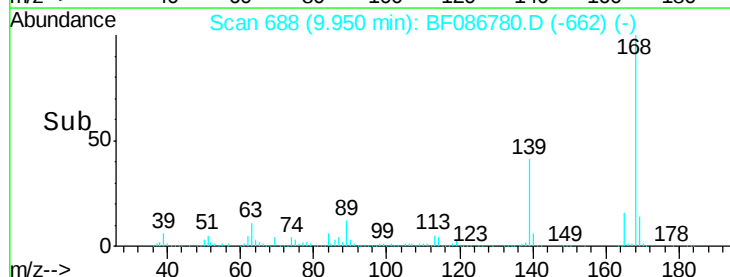
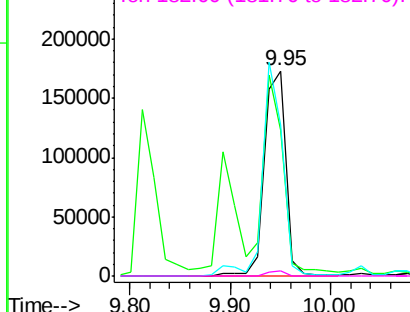
Lab File: BF086780.D

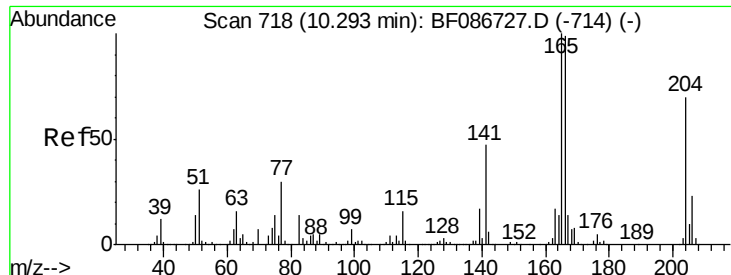
Acq: 7 May 2016 18:08

Tgt Ion:	165	Resp:	256041
Ion Ratio	Lower	Upper	
165	100		
63	71.3	44.3	66.5#
89	73.7	70.0	105.0
182	2.4	1.8	2.6



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





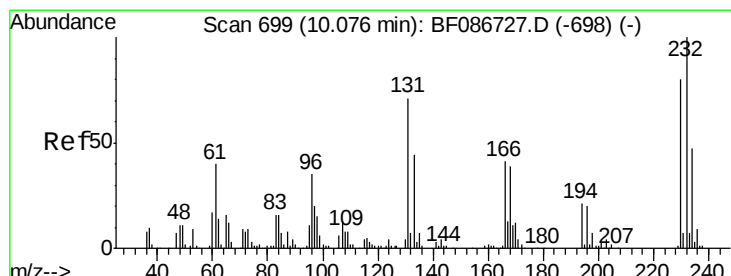
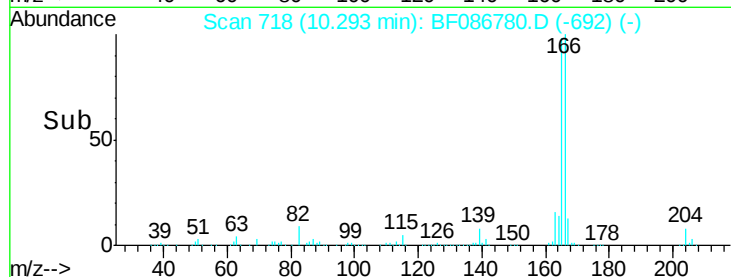
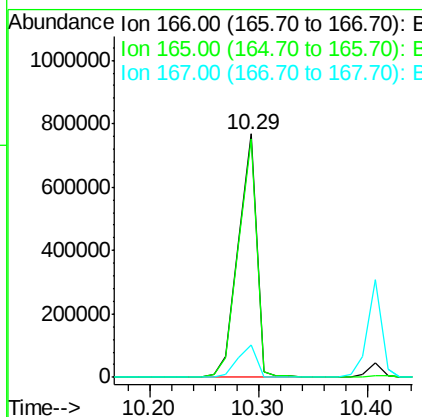
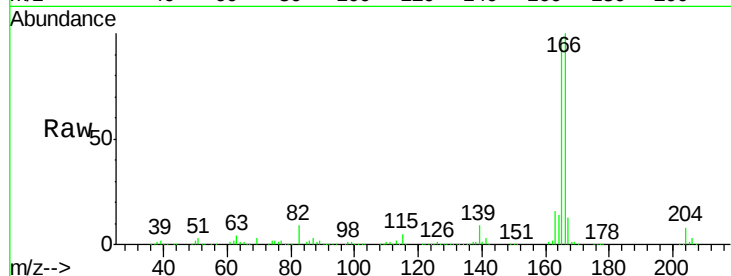
#57
Fluorene
 Concen: 42.97 ng
 RT: 10.29 min Scan# 718
 Delta R.T. -0.00 min
 Lab File: BF086780.D
 Acq: 7 May 2016 18:08

Instrument :
 BNA_F
 ClientSampleId :
 PB90240BS

Tgt Ion:	166	Resp:	893192
Ion Ratio	Lower	Upper	
166	100		
165	98.2	79.0	118.6
167	13.2	10.6	15.8

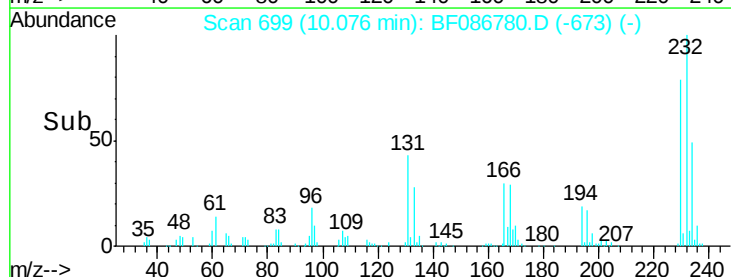
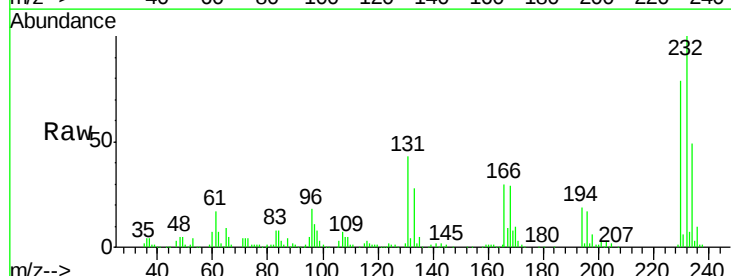
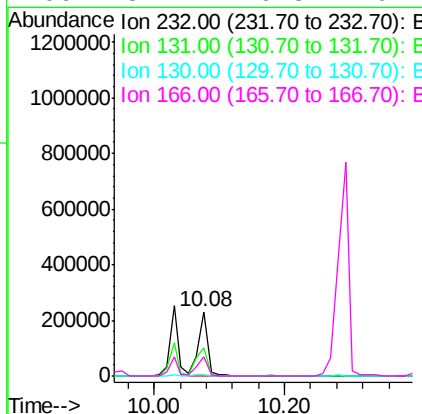
Manual Integrations
 APPROVED

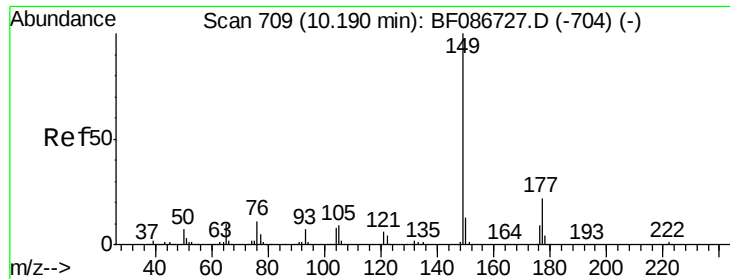
Sohil
 5/9/2016 7:20:06 PM



#58
2,3,4,6-Tetrachlorophenol
 Concen: 48.78 ng
 RT: 10.08 min Scan# 699
 Delta R.T. -0.00 min
 Lab File: BF086780.D
 Acq: 7 May 2016 18:08

Tgt Ion:	232	Resp:	230738
Ion Ratio	Lower	Upper	
232	100		
131	52.2	41.9	62.9
130	2.7	2.2	3.4
166	32.1	26.8	40.2





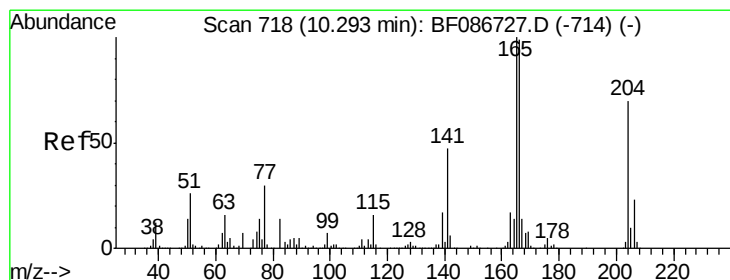
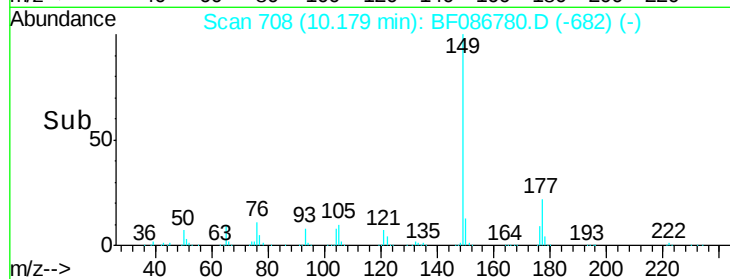
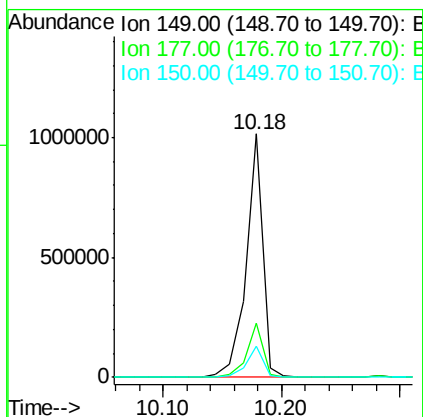
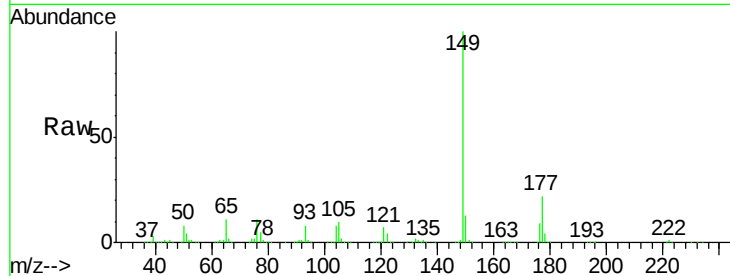
#59
Diethylphthalate
Concen: 41.97 ng
RT: 10.18 min Scan# 708
Delta R.T. -0.00 min
Lab File: BF086780.D
Acq: 7 May 2016 18:08

Instrument :
BNA_F
ClientSampleId :
PB90240BS

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	991729		
177	22.3	16.6	24.8	
150	12.7	10.0	15.0	

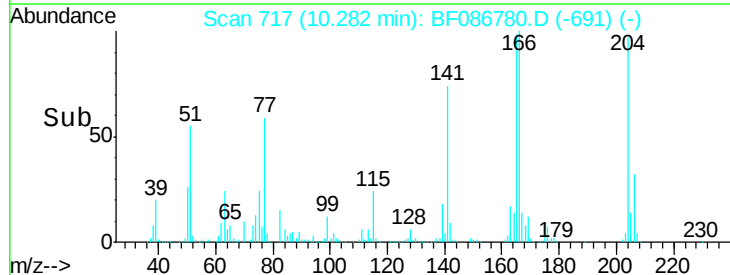
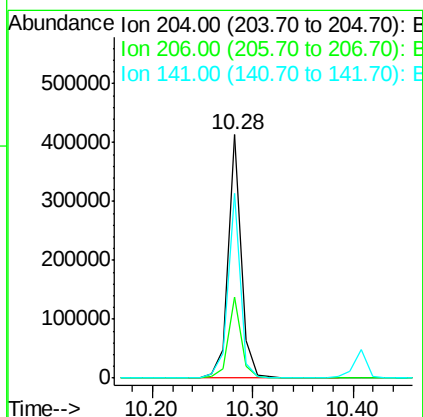
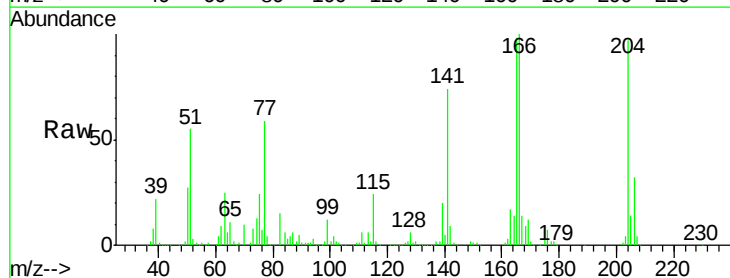
Manual Integrations
APPROVED

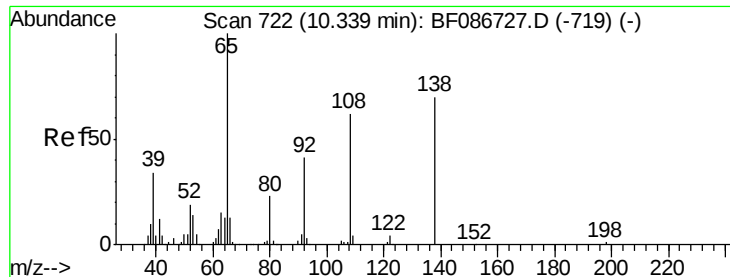
Sohil
5/9/2016 7:20:06 PM



#60
4-Chlorophenyl-phenylether
Concen: 37.83 ng
RT: 10.28 min Scan# 717
Delta R.T. -0.00 min
Lab File: BF086780.D
Acq: 7 May 2016 18:08

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	373784		
206	33.1	25.4	38.0	
141	75.8	61.6	92.4	





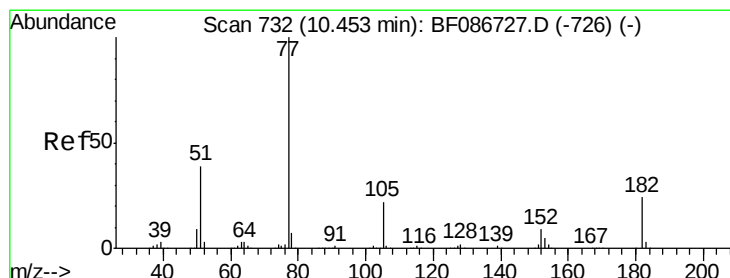
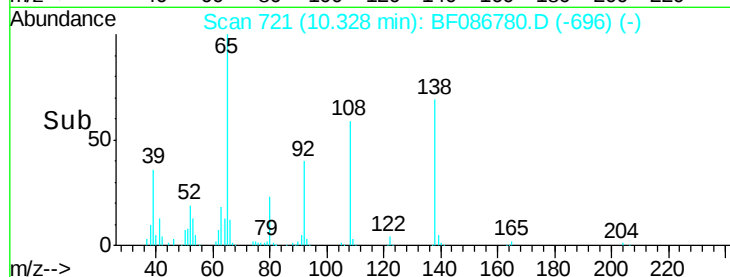
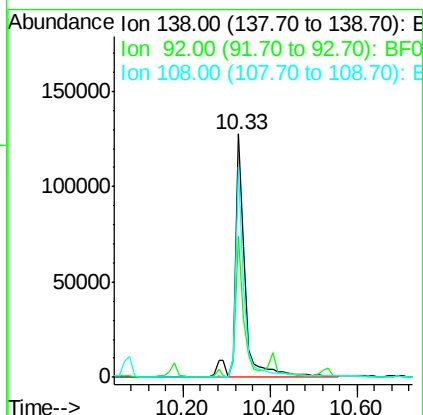
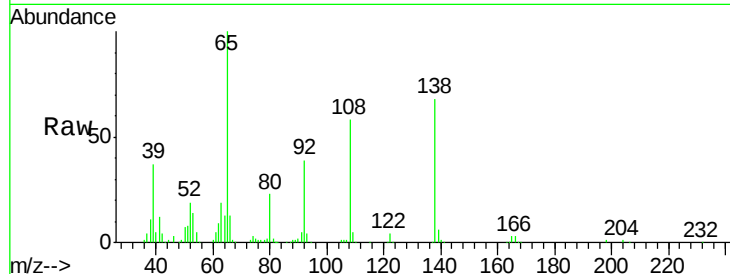
#61
4-Nitroaniline
Concen: 33.67 ng
RT: 10.33 min Scan# 721
Delta R.T. -0.01 min
Lab File: BF086780.D
Acq: 7 May 2016 18:08

Instrument :
BNA_F
ClientSampleId :
PB90240BS

Tgt Ion	Ratio	Lower	Upper
138	100		
92	58.1	24.7	64.7
108	86.2	37.4	77.4

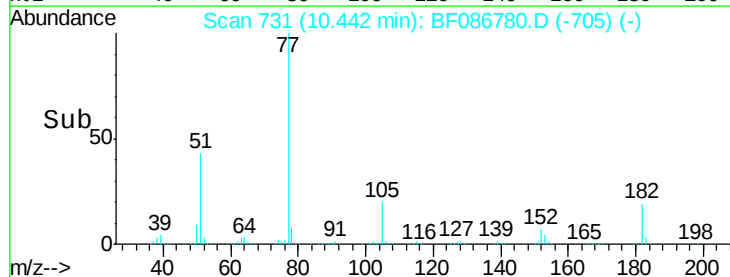
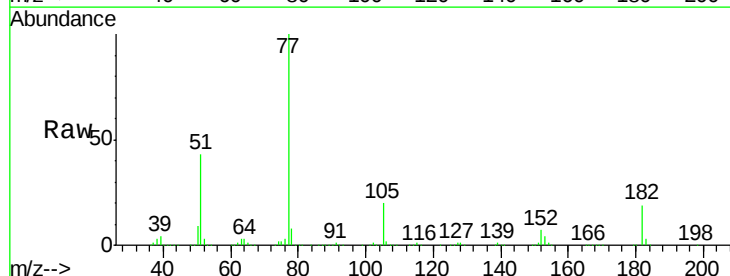
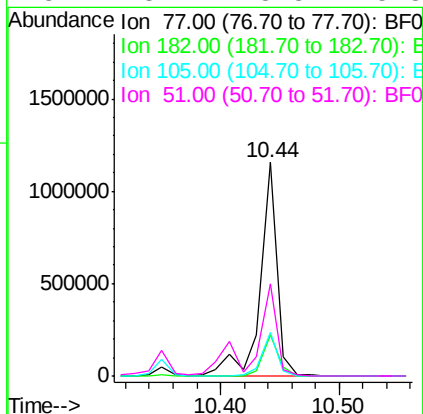
Manual Integrations
APPROVED

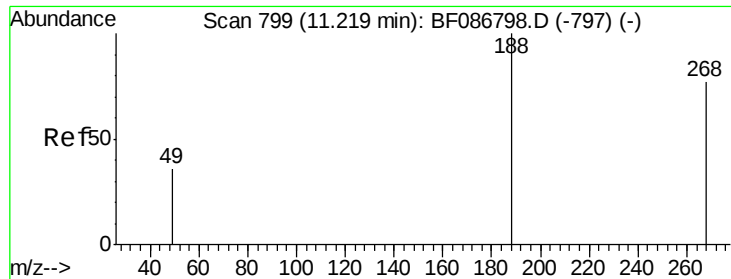
Sohil
5/9/2016 7:20:06 PM



#62
Azobenzene
Concen: 43.70 ng
RT: 10.44 min Scan# 731
Delta R.T. -0.00 min
Lab File: BF086780.D
Acq: 7 May 2016 18:08

Tgt Ion	Ratio	Lower	Upper
77	100		
182	19.0	0.0	38.8
105	20.4	3.2	43.2
51	43.1	8.8	48.8





#63

Phenanthrene-d10

Concen: 40.00 ng

RT: 11.22 min Scan# 799

Delta R.T. -0.00 min

Lab File: BF086780.D

Acq: 7 May 2016 18:08

Instrument :

BNA_F

ClientSampleId :

PB90240BS

Tgt Ion:188 Resp: 573785
Ion Ratio Lower Upper

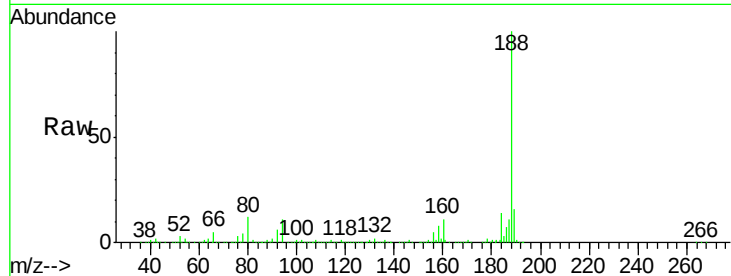
188 100

94 10.9 6.8 10.2#

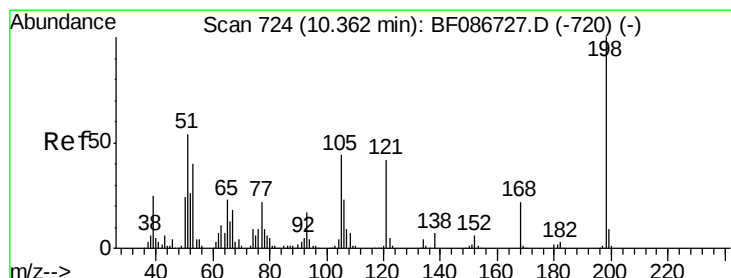
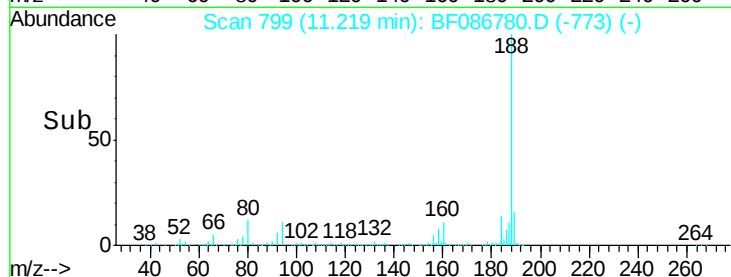
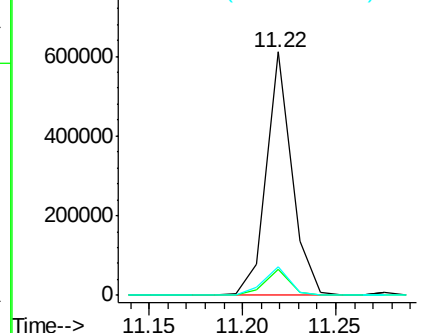
80 11.9 7.1 10.7#

Manual Integrations
APPROVED

Sohil
5/9/2016 7:20:06 PM



Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0



#64

4,6-Dinitro-2-methylphenol

Concen: 49.99 ng

RT: 10.35 min Scan# 723

Delta R.T. -0.00 min

Lab File: BF086780.D

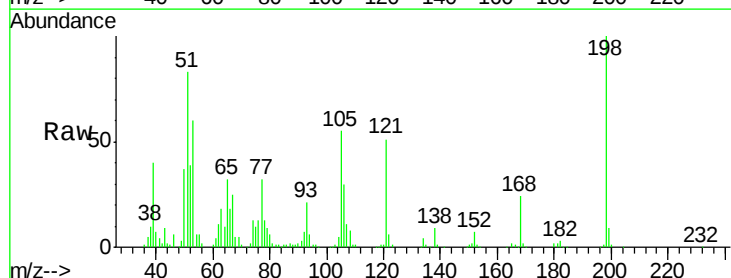
Acq: 7 May 2016 18:08

Tgt Ion:198 Resp: 147161
Ion Ratio Lower Upper

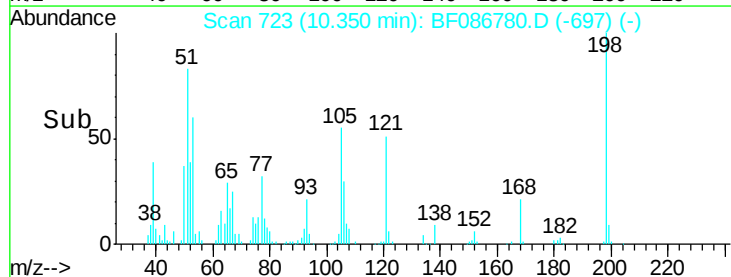
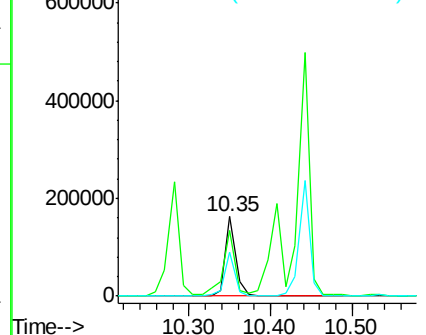
198 100

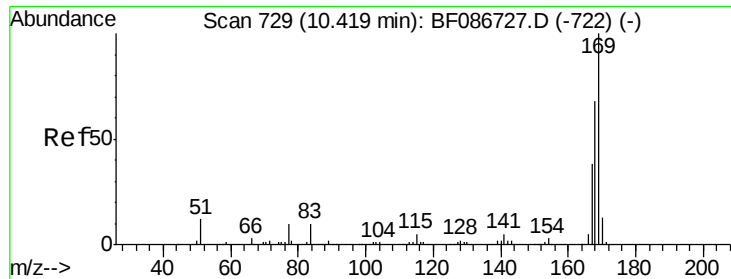
51 83.5 20.5 60.5#

105 54.7 24.5 64.5



Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF0
Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 41.93 ng

RT: 10.41 min Scan# 728

Delta R.T. -0.00 min

Lab File: BF086780.D

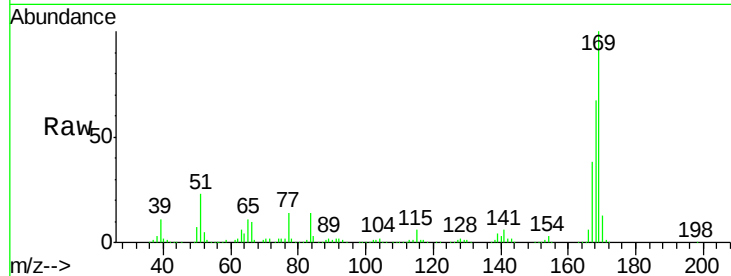
Acq: 7 May 2016 18:08

Instrument :

BNA_F

ClientSampleId :

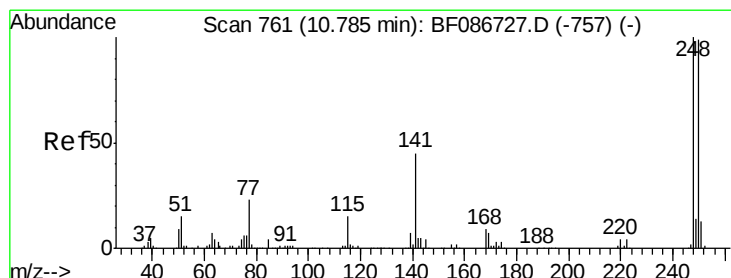
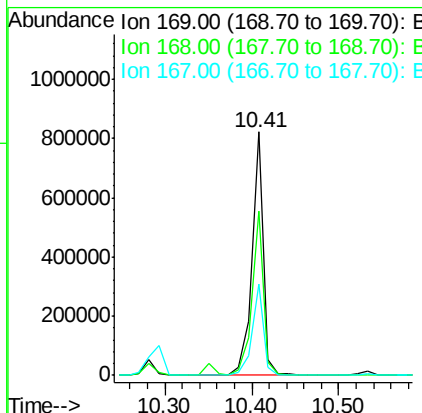
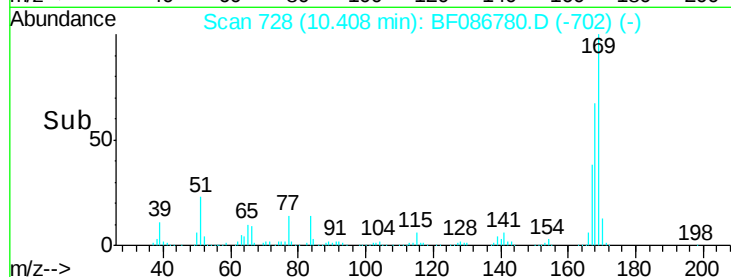
PB90240BS



Tgt Ion	Ratio	Resp	Lower	Upper
169	100	764004		
168	67.2	53.8	80.6	
167	37.6	29.5	44.3	

Manual Integrations
APPROVED

Sohil
5/9/2016 7:20:06 PM



#66

4-Bromophenyl-phenylether

Concen: 44.71 ng

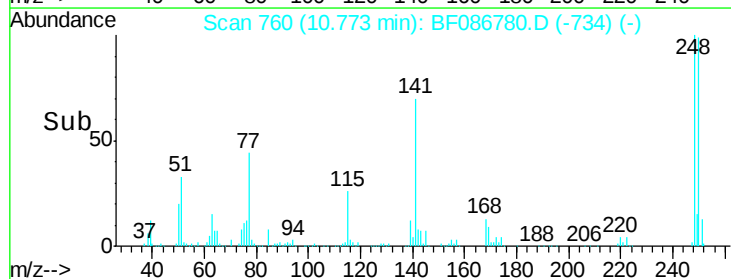
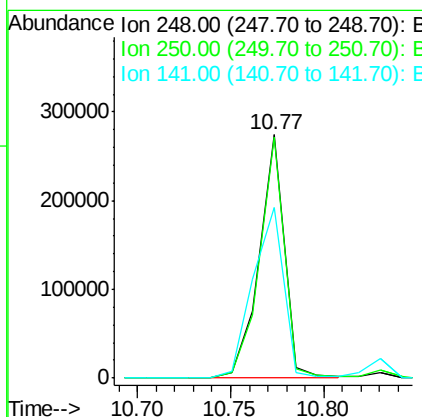
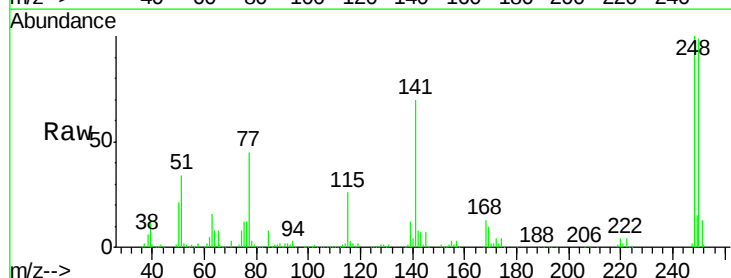
RT: 10.77 min Scan# 760

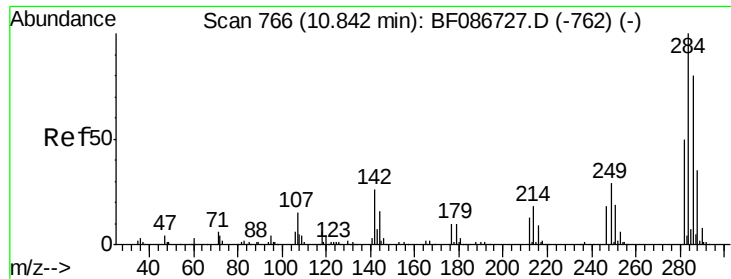
Delta R.T. -0.00 min

Lab File: BF086780.D

Acq: 7 May 2016 18:08

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	254949		
250	99.1	78.6	117.8	
141	70.3	76.0	114.0	





#67

Hexachlorobenzene

Concen: 38.89 ng

RT: 10.83 min Scan# 765

Delta R.T. -0.00 min

Lab File: BF086780.D

Acq: 7 May 2016 18:08

Instrument :

BNA_F

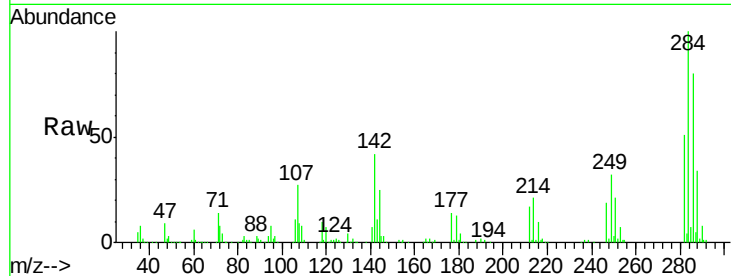
ClientSampleId :

PB90240BS

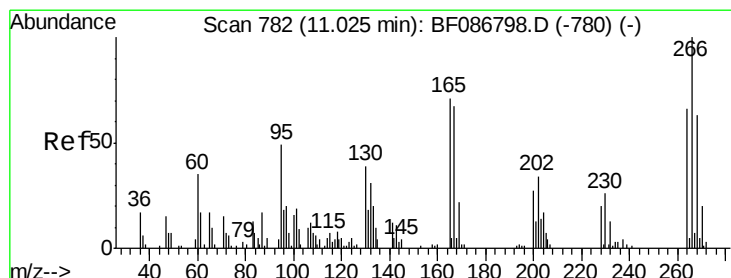
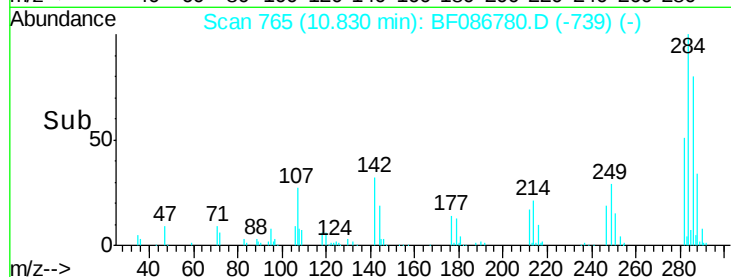
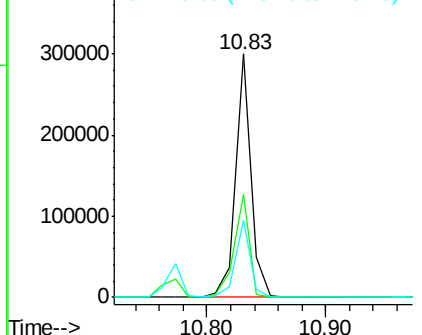
Tgt Ion:	284	Resp:	270407
Ion Ratio	Lower	Upper	
284	100		
142	42.1	16.7	25.1#
249	31.7	21.3	31.9

Manual Integrations
APPROVED

Sohil
5/9/2016 7:20:06 PM



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



#68

Atrazine

Concen: 49.59 ng

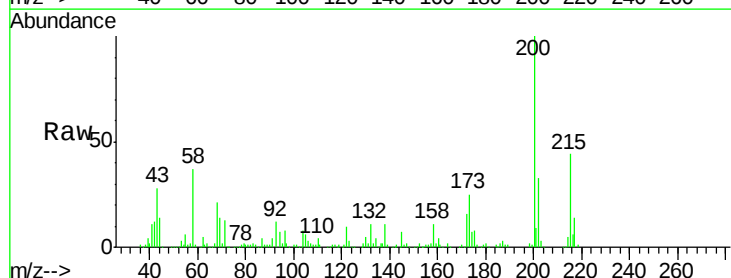
RT: 10.94 min Scan# 775

Delta R.T. -0.00 min

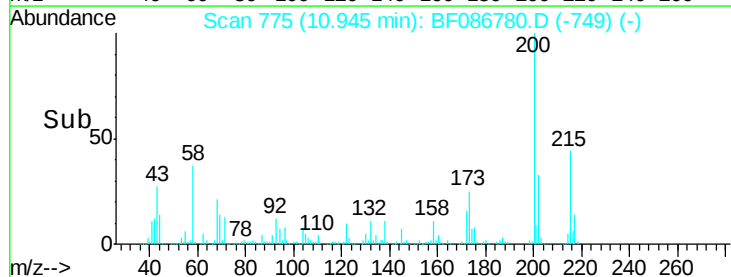
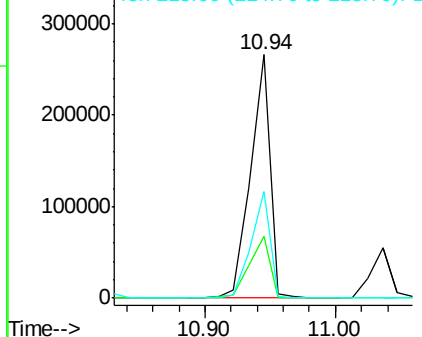
Lab File: BF086780.D

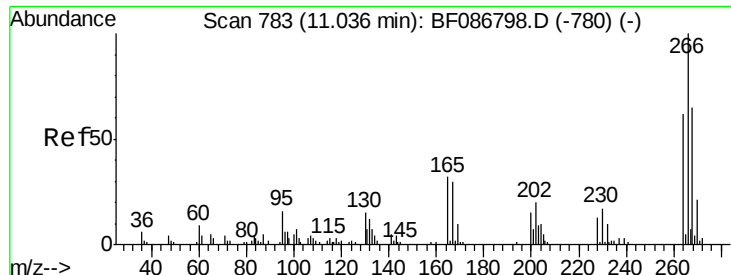
Acq: 7 May 2016 18:08

Tgt Ion:	200	Resp:	276890
Ion Ratio	Lower	Upper	
200	100		
173	25.3	8.5	48.5
215	43.8	27.2	67.2



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





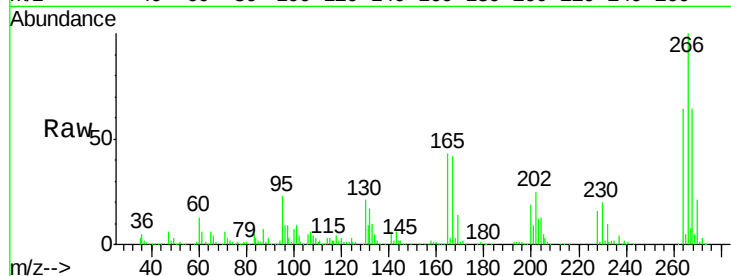
#69
 Pentachlorophenol
 Concen: 88.60 ng
 RT: 11.04 min Scan# 783
 Delta R.T. -0.00 min
 Lab File: BF086780.D
 Acq: 7 May 2016 18:08

Instrument :
 BNA_F
 ClientSampleId :
 PB90240BS

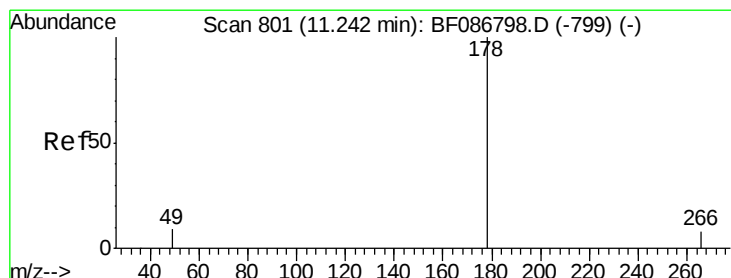
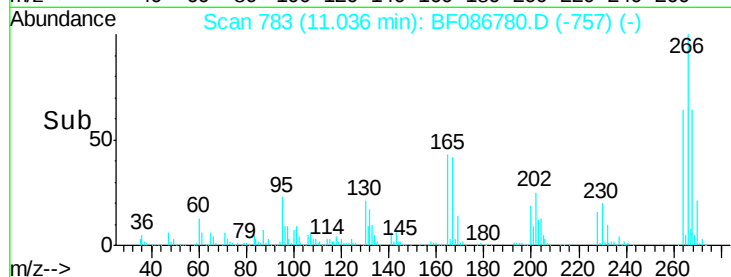
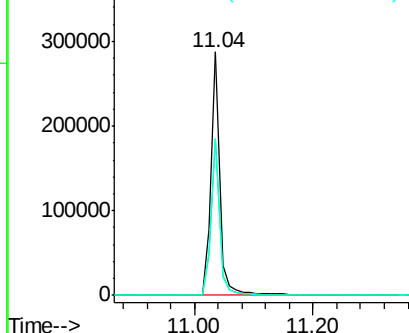
Tgt Ion	Ratio	Resp	Lower	Upper
266	100	301242		
268	64.1	51.5	77.3	
264	64.1	52.9	79.3	

Manual Integrations
 APPROVED

Sohil
 5/9/2016 7:20:06 PM

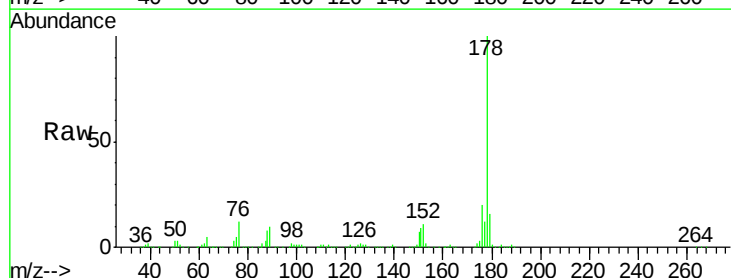


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

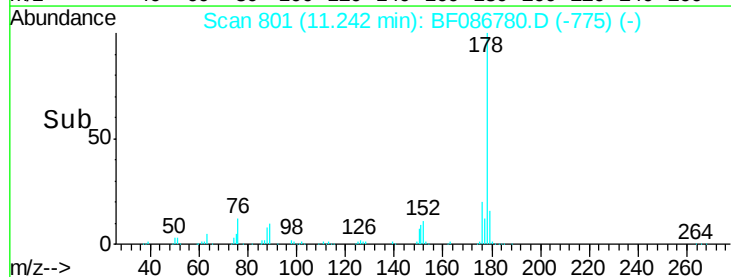
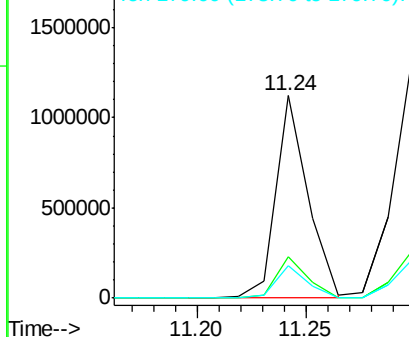


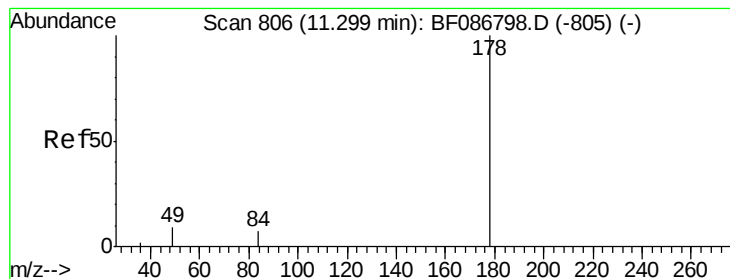
#70
 Phenanthrene
 Concen: 37.52 ng
 RT: 11.24 min Scan# 801
 Delta R.T. -0.00 min
 Lab File: BF086780.D
 Acq: 7 May 2016 18:08

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	1156227		
176	20.4	16.0	24.0	
179	16.2	12.6	18.8	



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





#71

Anthracene

Concen: 41.65 ng

RT: 11.30 min Scan# 806

Delta R.T. -0.00 min

Lab File: BF086780.D

Acq: 7 May 2016 18:08

Instrument :

BNA_F

ClientSampleId :

PB90240BS

Tgt Ion:178 Resp: 1344329

Ion Ratio Lower Upper

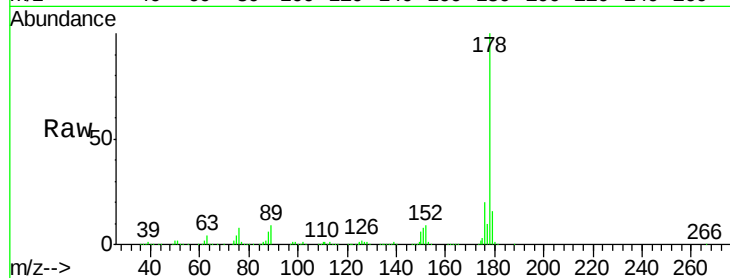
178 100

176 19.8 15.6 23.4

179 15.9 12.7 19.1

Manual Integrations
APPROVED

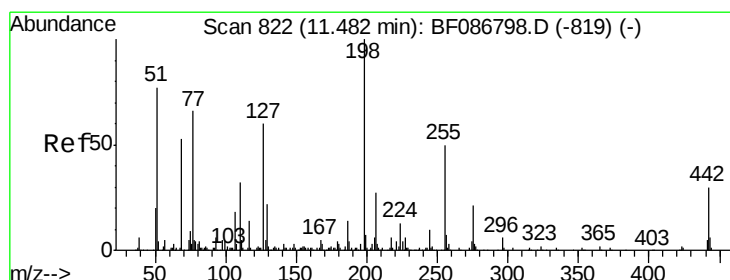
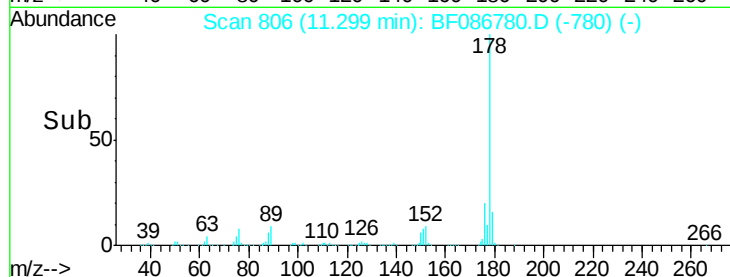
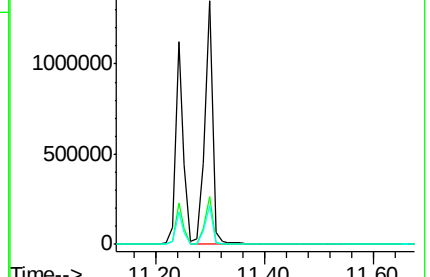
Sohil
5/9/2016 7:20:06 PM



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: 39.57 ng

RT: 11.46 min Scan# 820

Delta R.T. -0.00 min

Lab File: BF086780.D

Acq: 7 May 2016 18:08

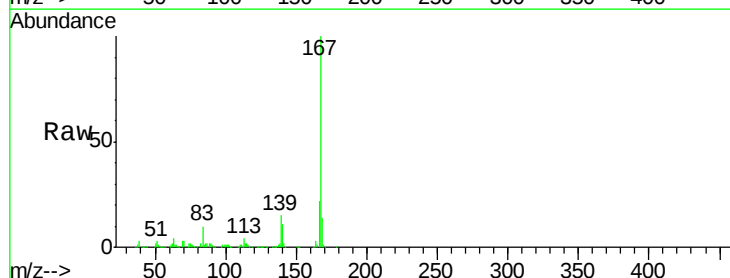
Tgt Ion:167 Resp: 1109064

Ion Ratio Lower Upper

167 100

166 22.4 17.7 26.5

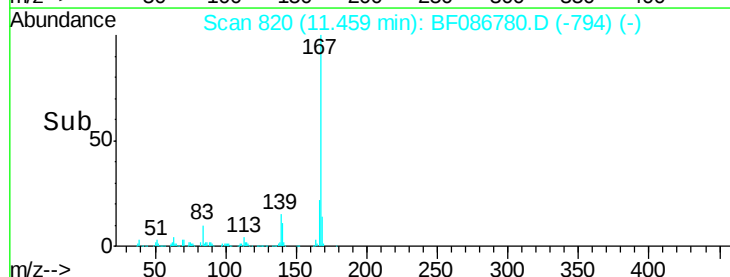
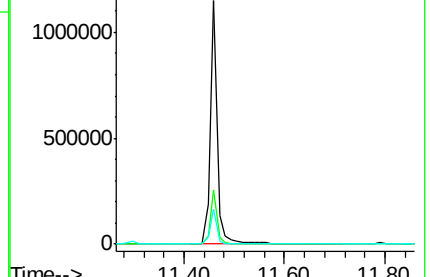
139 14.5 10.8 16.2

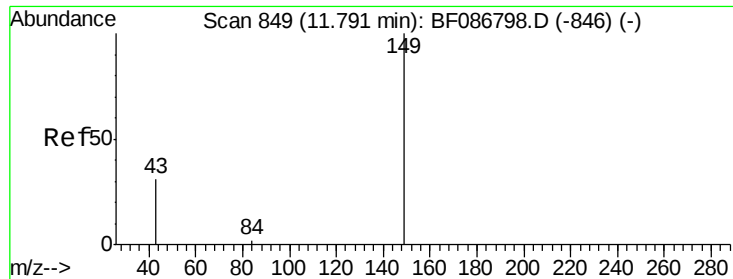


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 40.77 ng

RT: 11.79 min Scan# 849

Delta R.T. -0.00 min

Lab File: BF086780.D

Acq: 7 May 2016 18:08

Instrument :

BNA_F

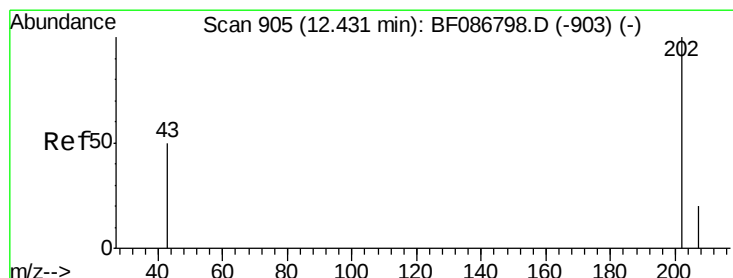
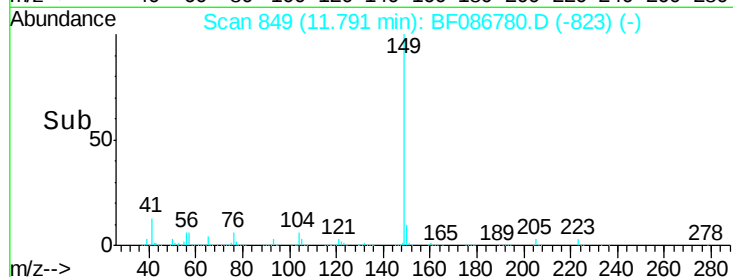
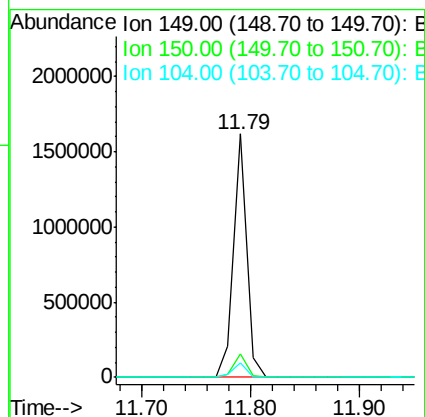
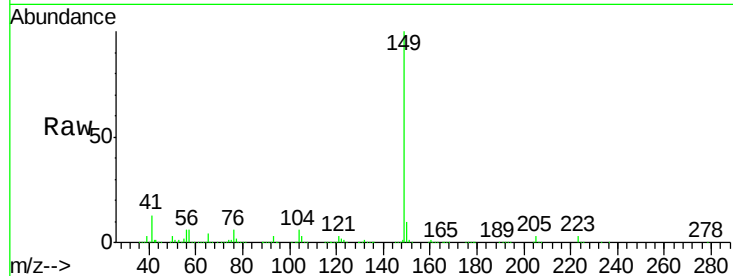
ClientSampleId :

PB90240BS

Manual Integrations
APPROVED

Sohil
5/9/2016 7:20:06 PM

Tgt Ion:149 Resp: 1356576
Ion Ratio Lower Upper
149 100
150 9.6 7.6 11.4
104 6.0 3.8 5.6#



#74

Fluoranthene

Concen: 42.56 ng

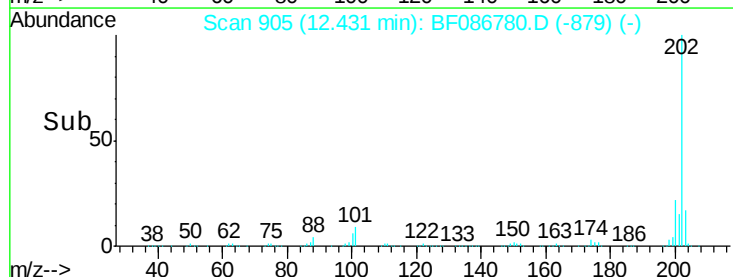
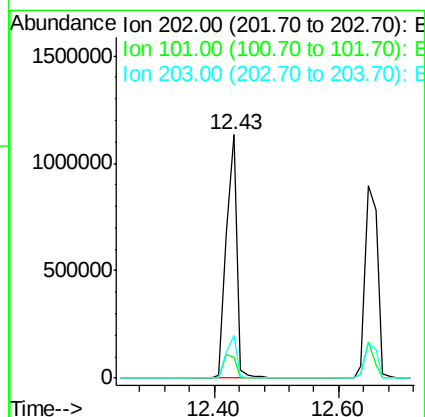
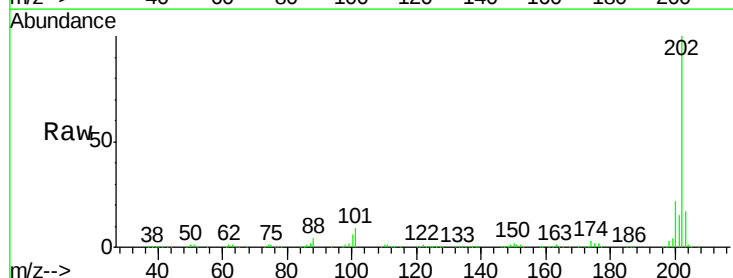
RT: 12.43 min Scan# 905

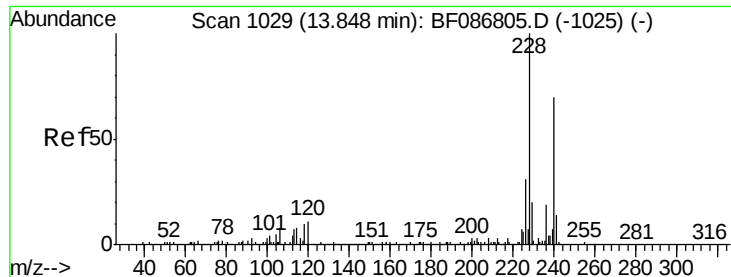
Delta R.T. -0.00 min

Lab File: BF086780.D

Acq: 7 May 2016 18:08

Tgt Ion:202 Resp: 1314588
Ion Ratio Lower Upper
202 100
101 8.6 0.0 35.4
203 17.5 0.0 38.1





#75

Chrysene-d12

Concen: 40.00 ng

RT: 13.85 min Scan# 1029

Delta R.T. -0.00 min

Lab File: BF086780.D

Acq: 7 May 2016 18:08

Instrument :

BNA_F

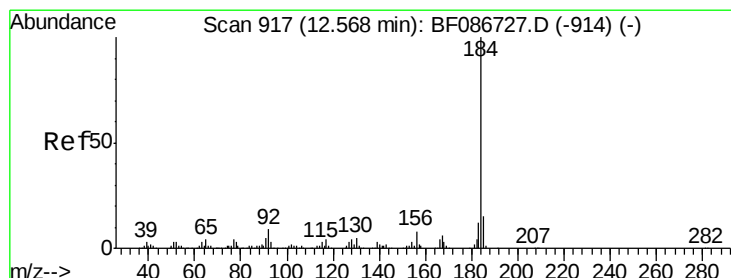
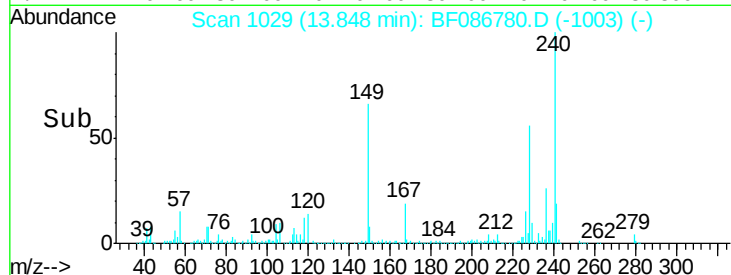
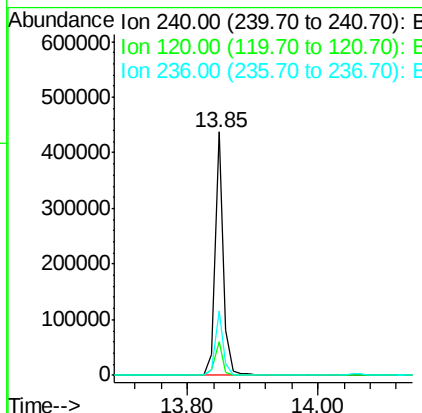
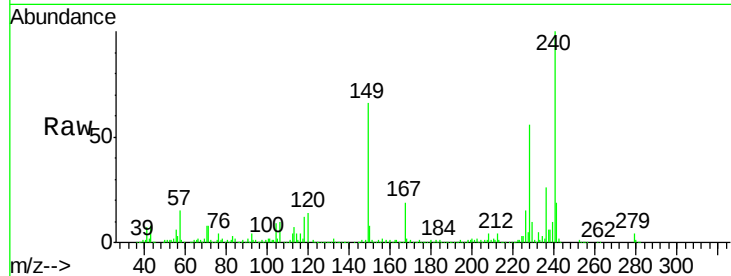
ClientSampleId :

PB90240BS

Tgt	Ion	240	Resp:	396445
Ion	Ratio	Lower	Upper	
240	100			
120	13.6	11.2	16.8	
236	26.5	21.2	31.8	

Manual Integrations
APPROVED

Sohil
5/9/2016 7:20:06 PM



#76

Benzidine

Concen: 32.21 ng

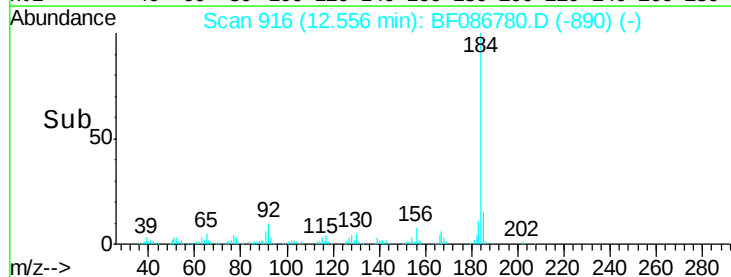
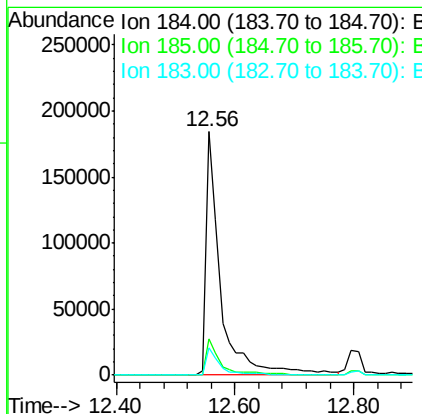
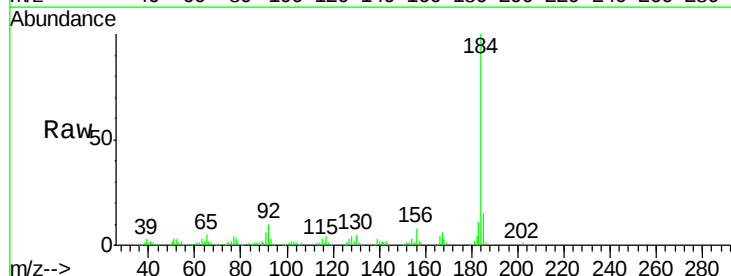
RT: 12.56 min Scan# 916

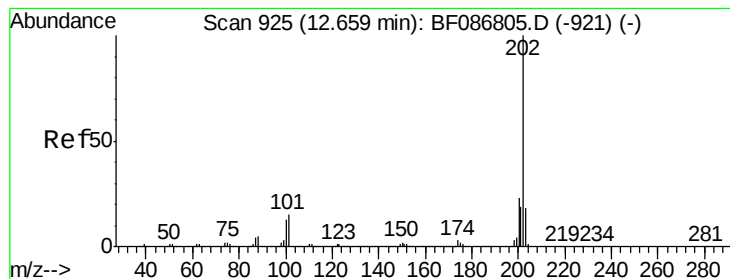
Delta R.T. -0.00 min

Lab File: BF086780.D

Acq: 7 May 2016 18:08

Tgt	Ion	184	Resp:	320121
Ion	Ratio	Lower	Upper	
184	100			
185	14.9	13.6	20.4	
183	11.3	9.8	14.6	





#77

Pyrene

Concen: 38.45 ng

RT: 12.65 min Scan# 924

Delta R.T. -0.01 min

Lab File: BF086780.D

Acq: 7 May 2016 18:08

Instrument :

BNA_F

ClientSampleId :

PB90240BS

Tgt Ion:202 Resp: 1215110

Ion Ratio Lower Upper

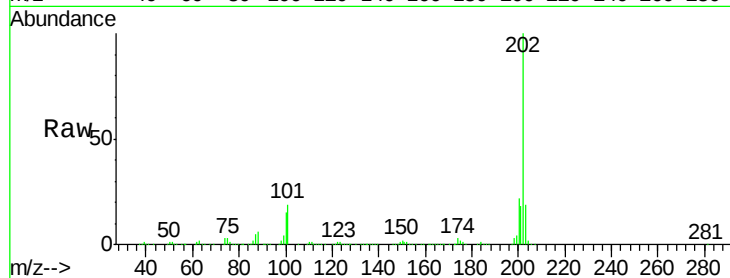
202 100

200 21.8 17.7 26.5

203 18.5 14.2 21.4

Manual Integrations
APPROVED

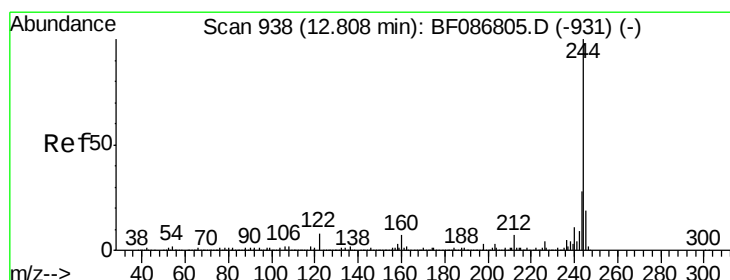
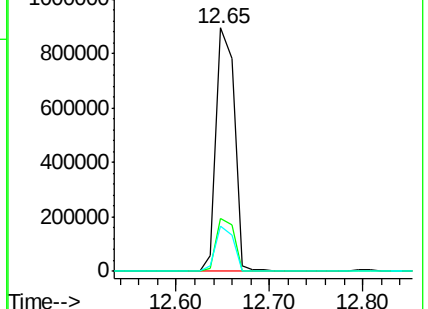
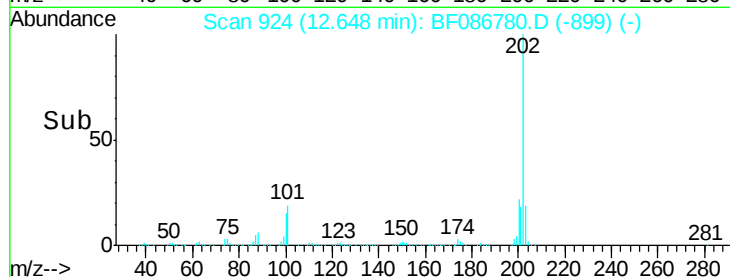
Sohil
5/9/2016 7:20:06 PM



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: 80.91 ng

RT: 12.81 min Scan# 938

Delta R.T. -0.00 min

Lab File: BF086780.D

Acq: 7 May 2016 18:08

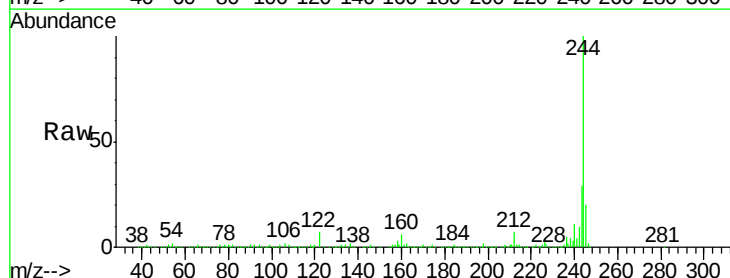
Tgt Ion:244 Resp: 1587071

Ion Ratio Lower Upper

244 100

212 7.2 6.2 9.2

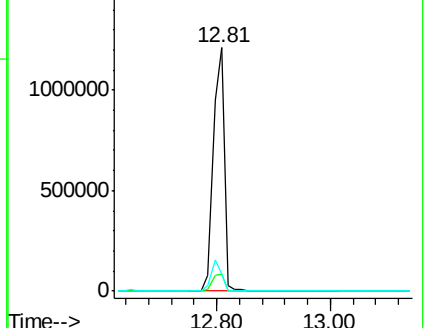
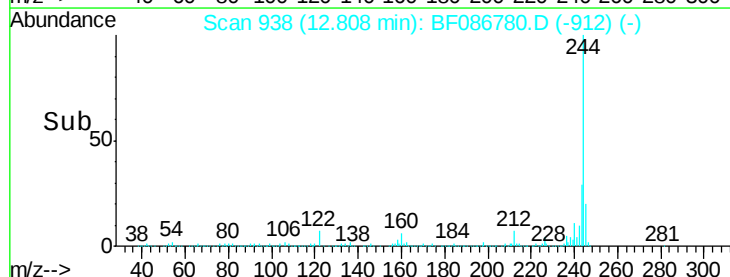
122 7.2 12.0 18.0#

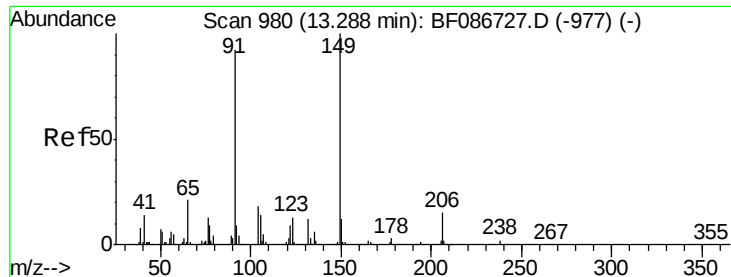


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#79

Butylbenzylphthalate

Concen: 41.05 ng

RT: 13.28 min Scan# 979

Delta R.T. -0.00 min

Lab File: BF086780.D

Acq: 7 May 2016 18:08

Instrument :

BNA_F

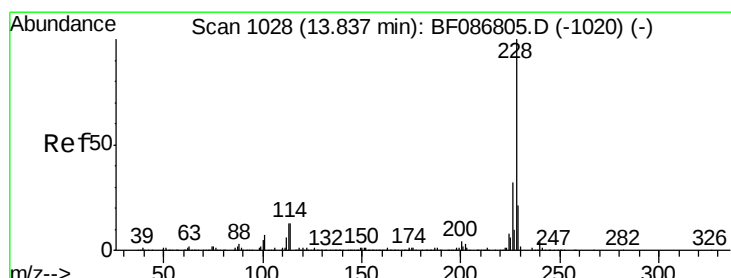
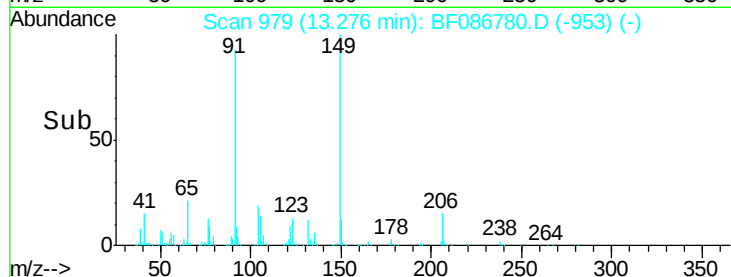
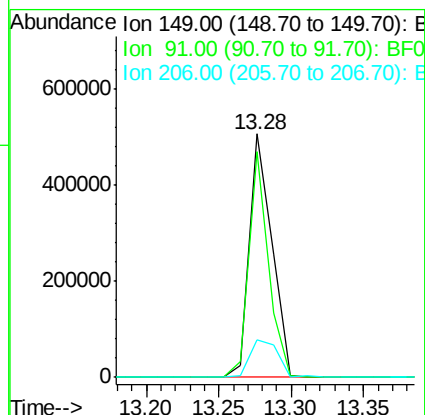
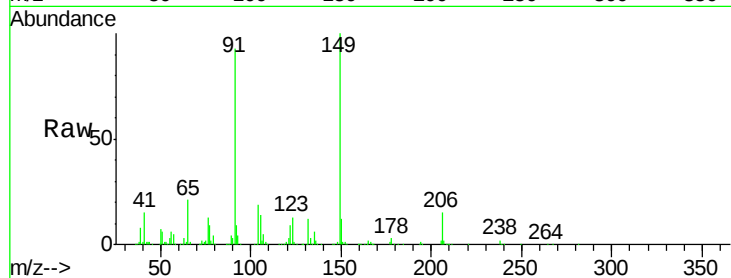
ClientSampleId :

PB90240BS

Tgt Ion:	149	Resp:	543426
Ion Ratio	Lower	Upper	
149	100		
91	92.7	48.0	72.0#
206	15.4	15.8	23.6#

Manual Integrations
APPROVED

Sohil
5/9/2016 7:20:06 PM



#80

Benzo(a)anthracene

Concen: 38.86 ng

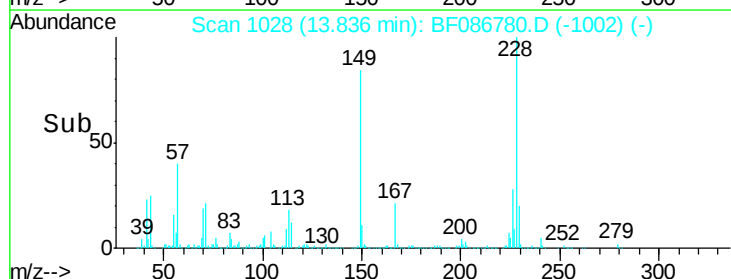
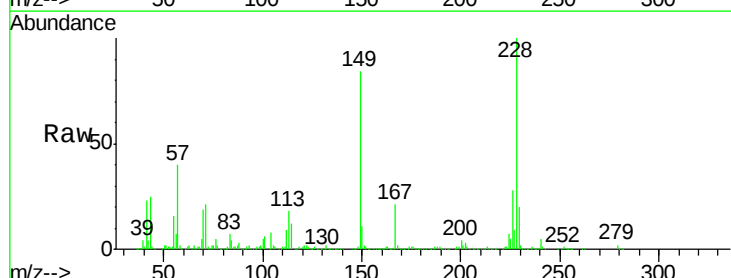
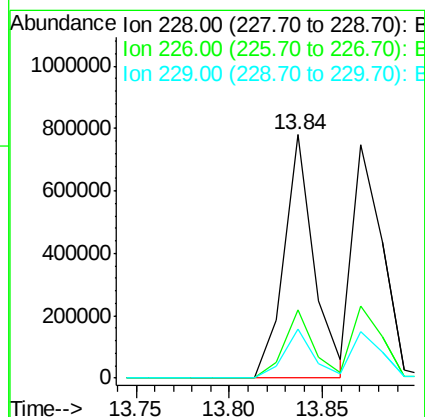
RT: 13.84 min Scan# 1028

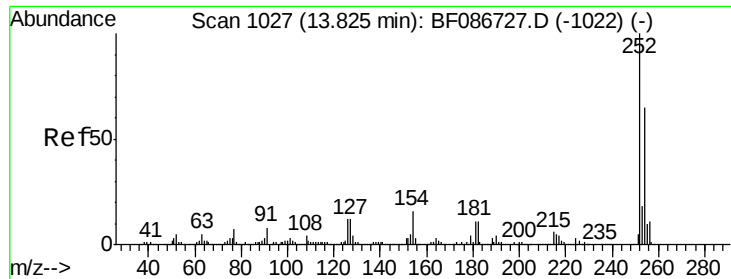
Delta R.T. -0.00 min

Lab File: BF086780.D

Acq: 7 May 2016 18:08

Tgt Ion:	228	Resp:	871308
Ion Ratio	Lower	Upper	
228	100		
226	27.8	22.5	33.7
229	20.1	16.6	25.0





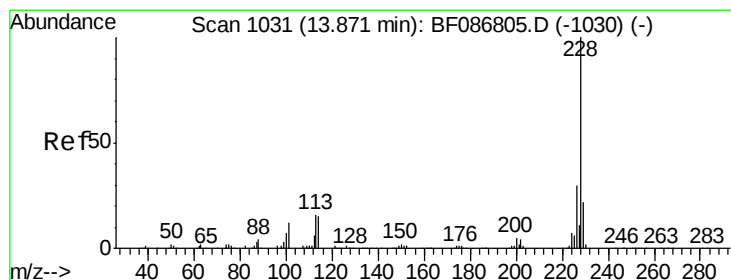
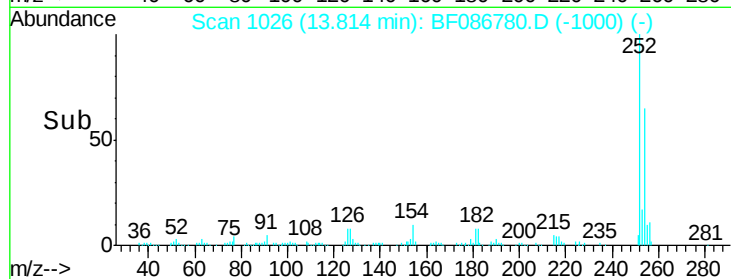
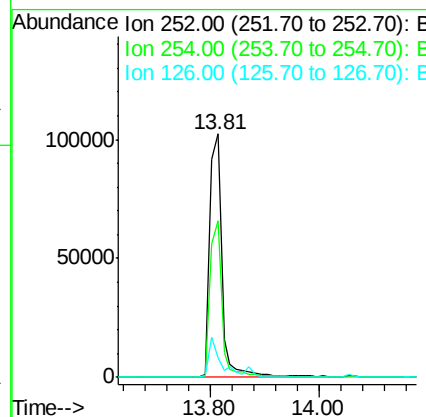
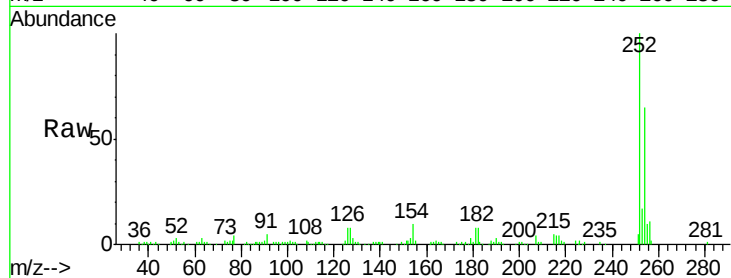
#81
 3,3'-Dichlorobenzidine
 Concen: 11.55 ng
 RT: 13.81 min Scan# 1026
 Delta R.T. -0.00 min
 Lab File: BF086780.D
 Acq: 7 May 2016 18:08

Instrument :
 BNA_F
 ClientSampled :
 PB90240BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
252	100		
254	64.5	50.7	76.1
126	8.2	12.7	19.1#

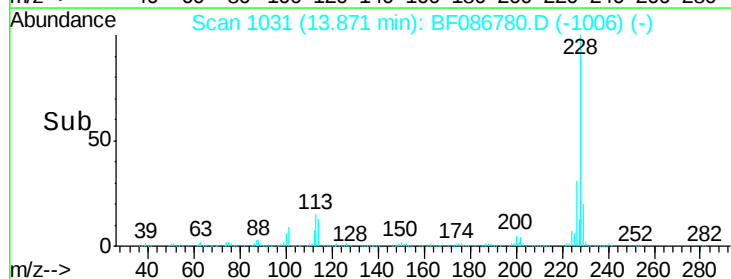
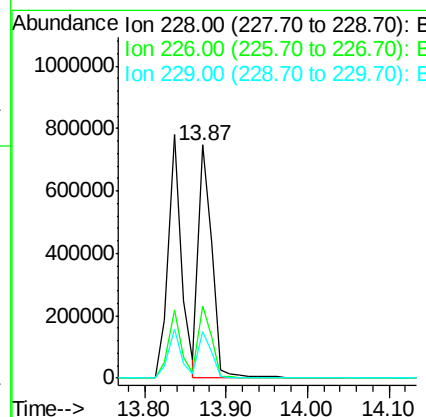
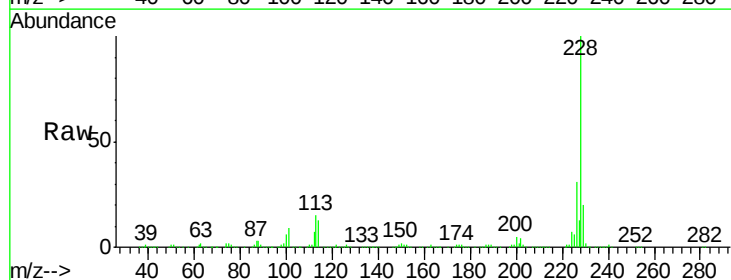
Manual Integrations
 APPROVED

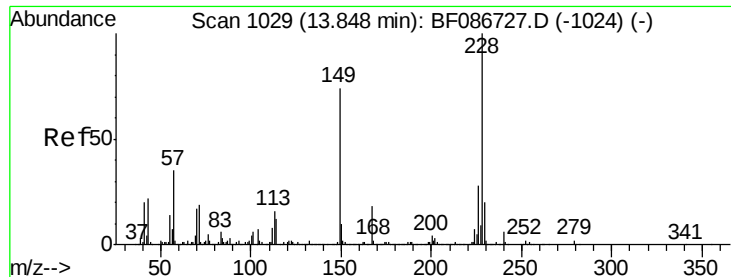
Sohil
 5/9/2016 7:20:06 PM



#82
 Chrysene
 Concen: 35.80 ng
 RT: 13.87 min Scan# 1031
 Delta R.T. -0.01 min
 Lab File: BF086780.D
 Acq: 7 May 2016 18:08

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
226	31.1	24.4	36.6
229	20.2	15.8	23.8





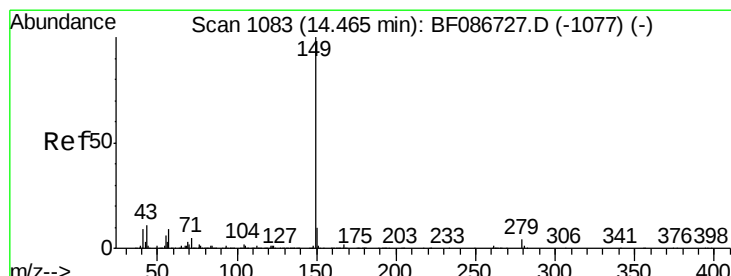
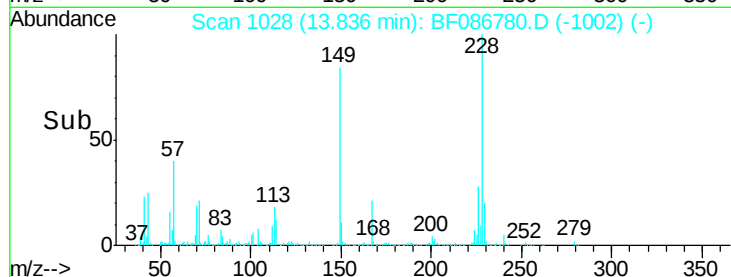
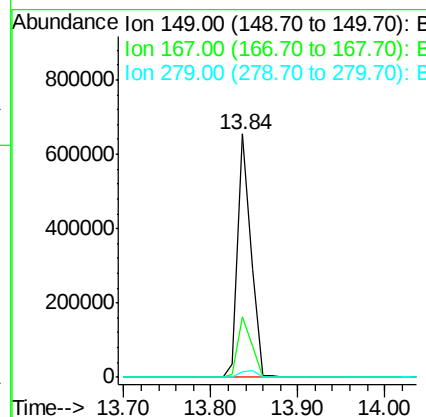
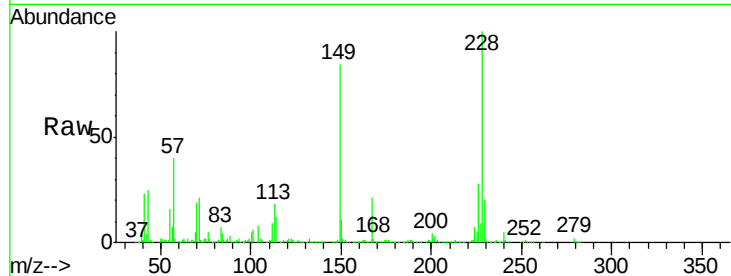
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 44.43 ng
 RT: 13.84 min Scan# 1028
 Delta R.T. -0.00 min
 Lab File: BF086780.D
 Acq: 7 May 2016 18:08

Instrument :
 BNA_F
 ClientSampleId :
 PB90240BS

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	680673		
167	24.8	21.8	32.6	
279	2.1	2.6	4.0	

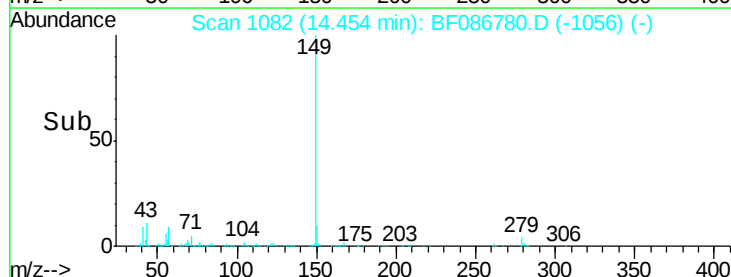
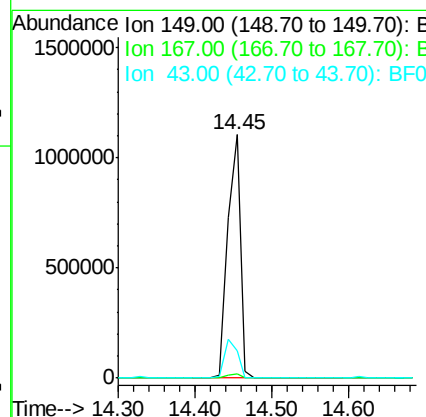
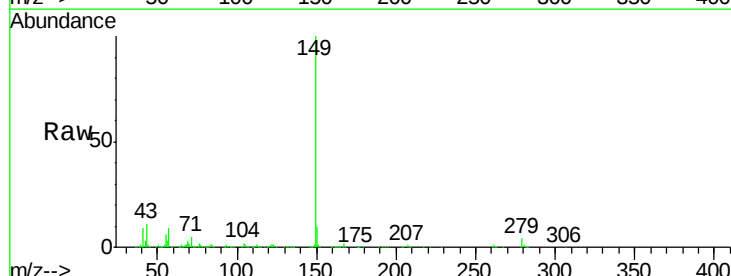
Manual Integrations
 APPROVED

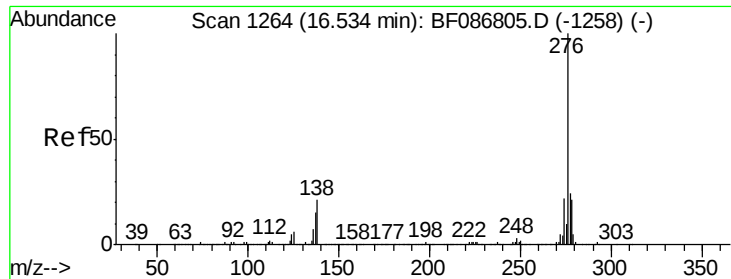
Sohil
 5/9/2016 7:20:06 PM



#84
 Di-n-octyl phthalate
 Concen: 57.48 ng
 RT: 14.45 min Scan# 1082
 Delta R.T. -0.00 min
 Lab File: BF086780.D
 Acq: 7 May 2016 18:08

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	1295645		
167	1.6	1.2	1.8	
43	16.3	8.2	12.4	





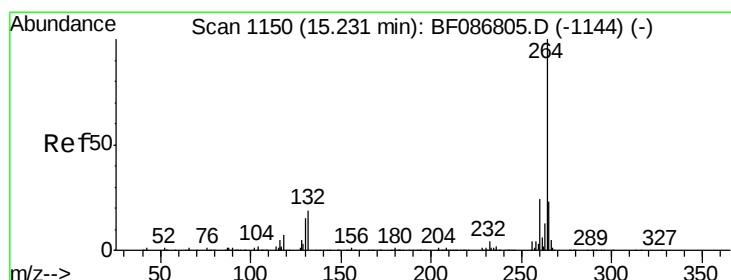
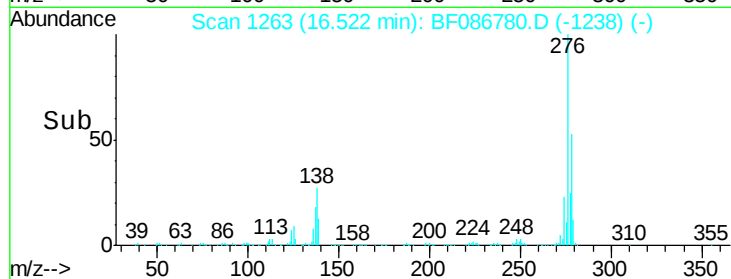
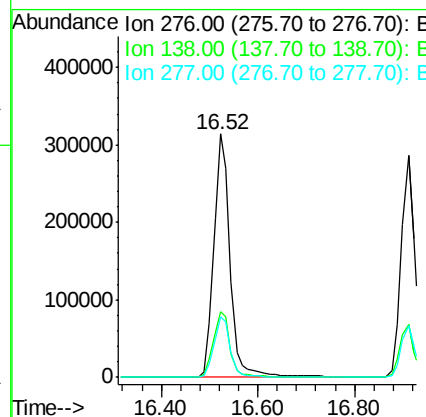
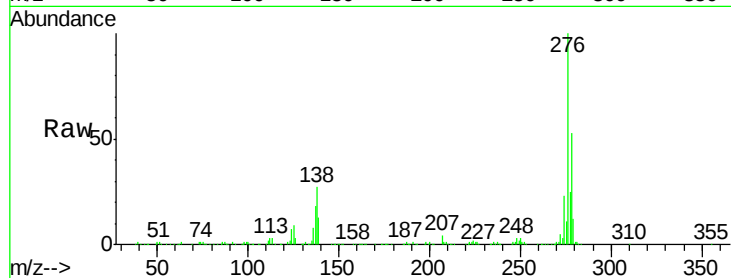
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 36.59 ng
 RT: 16.52 min Scan# 1263
 Delta R.T. -0.01 min
 Lab File: BF086780.D
 Acq: 7 May 2016 18:08

Instrument :
 BNA_F
 ClientSampleId :
 PB90240BS

Tgt Ion	Ratio	Lower	Upper
276	100		
138	28.2	25.6	38.4
277	25.3	20.5	30.7

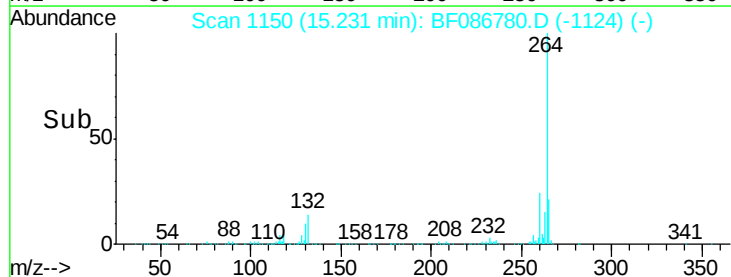
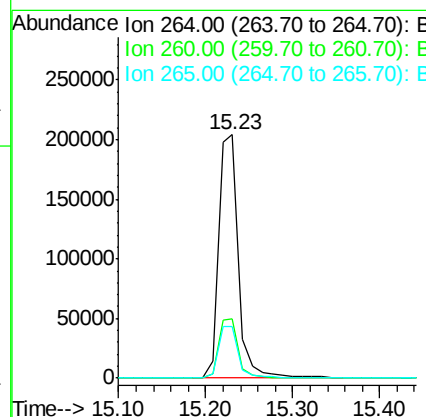
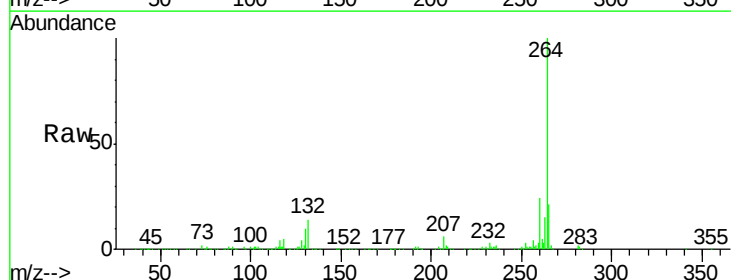
Manual Integrations
 APPROVED

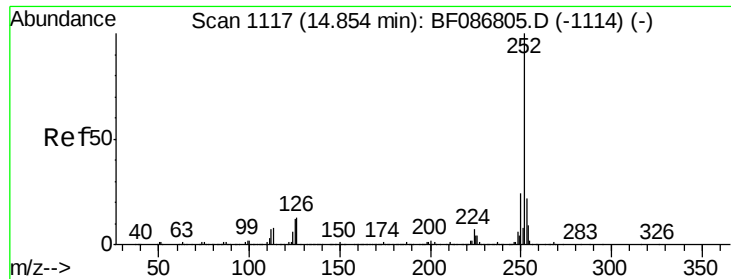
Sohil
 5/9/2016 7:20:06 PM



#86
 Perylene-d12
 Concen: 40.00 ng
 RT: 15.23 min Scan# 1150
 Delta R.T. -0.00 min
 Lab File: BF086780.D
 Acq: 7 May 2016 18:08

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.5	19.5	29.3
265	21.4	17.3	25.9





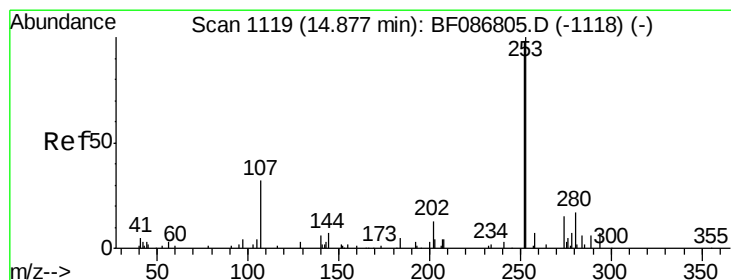
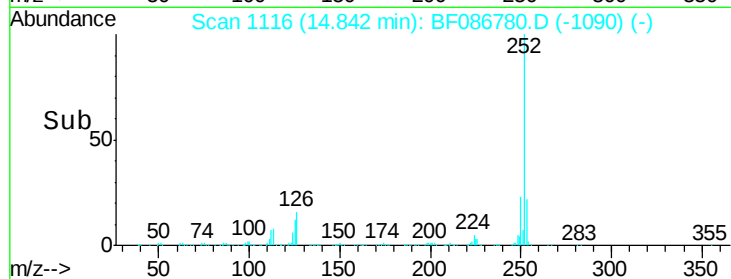
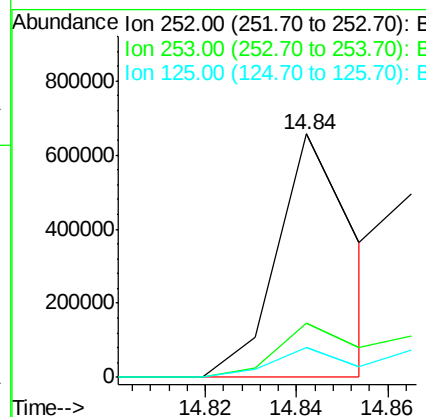
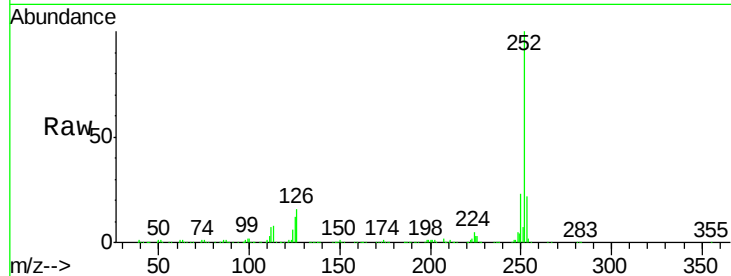
#87
Benzo(b)fluoranthene
Concen: 39.37 ng m
RT: 14.84 min Scan# 1116
Delta R.T. -0.00 min
Lab File: BF086780.D
Acq: 7 May 2016 18:08

Instrument :
BNA_F
ClientSampleId :
PB90240BS

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.8	26.6
125	12.2	11.4	17.0

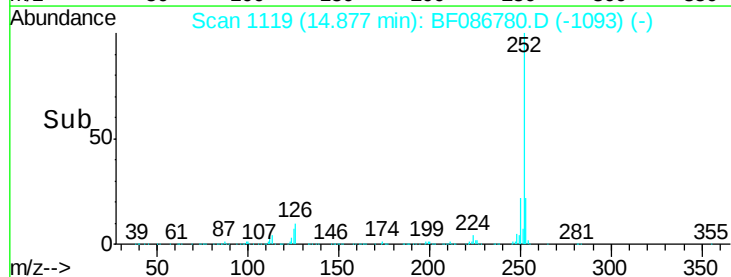
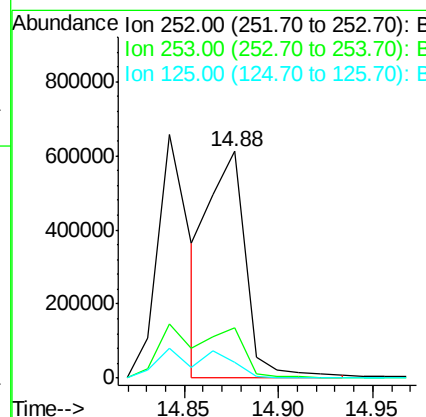
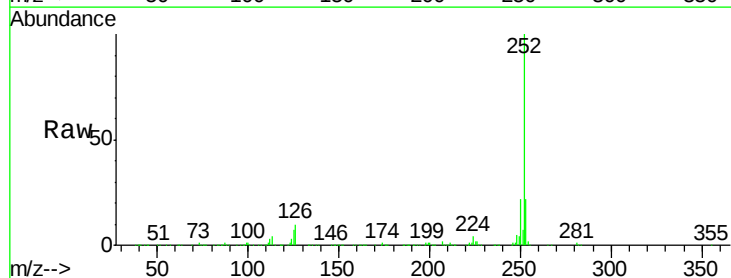
Manual Integrations
APPROVED

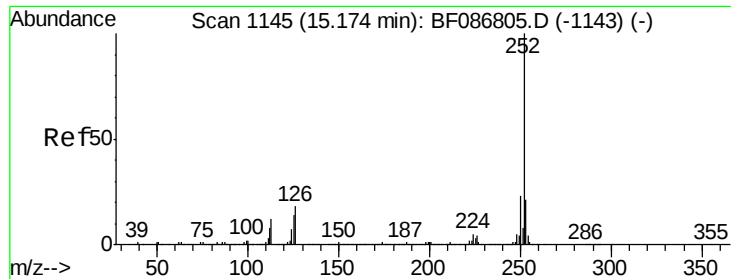
Sohil
5/9/2016 7:20:06 PM



#88
Benzo(k)fluoranthene
Concen: 45.08 ng m
RT: 14.88 min Scan# 1119
Delta R.T. -0.00 min
Lab File: BF086780.D
Acq: 7 May 2016 18:08

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.8	26.6
125	6.9	9.1	13.7#





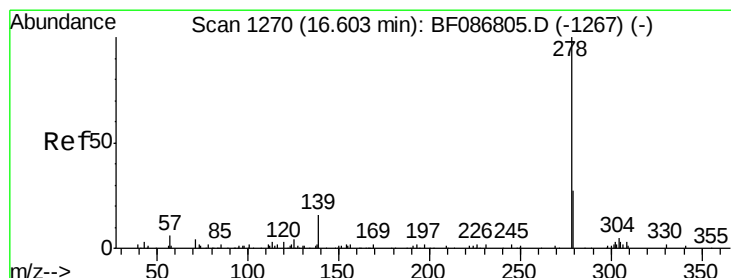
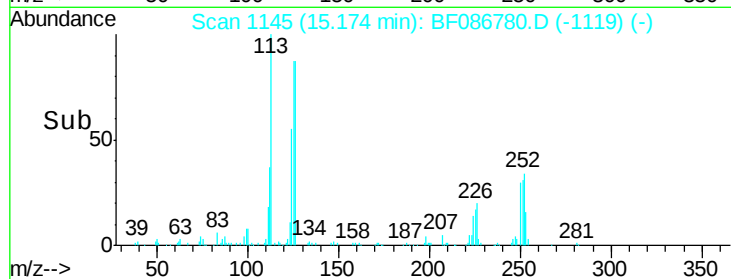
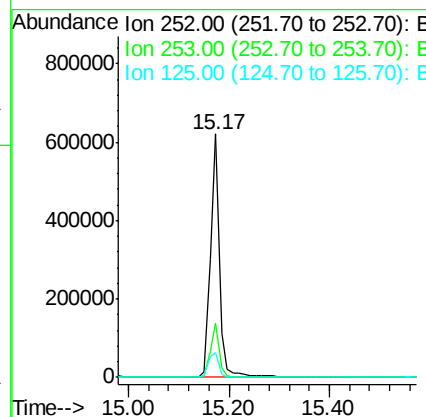
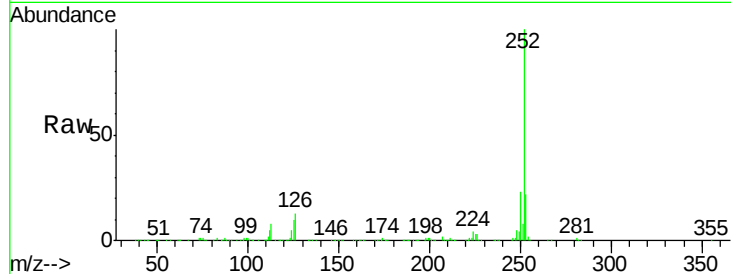
#89
Benzo(a)pyrene
Concen: 42.19 ng
RT: 15.17 min Scan# 1145
Delta R.T. -0.00 min
Lab File: BF086780.D
Acq: 7 May 2016 18:08

Instrument :
BNA_F
ClientSampleId :
PB90240BS

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.2	25.8
125	10.4	9.0	13.6

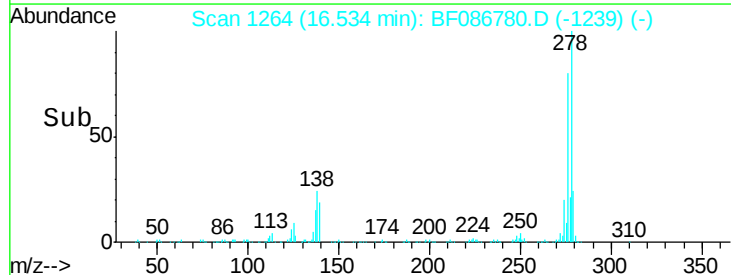
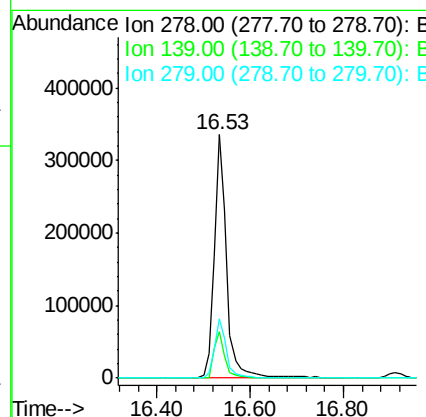
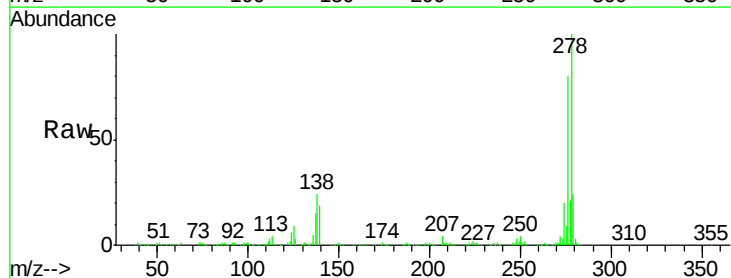
Manual Integrations
APPROVED

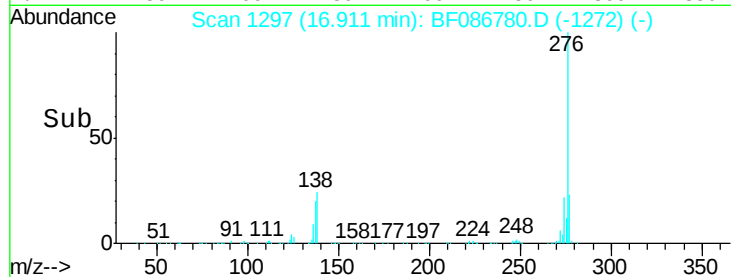
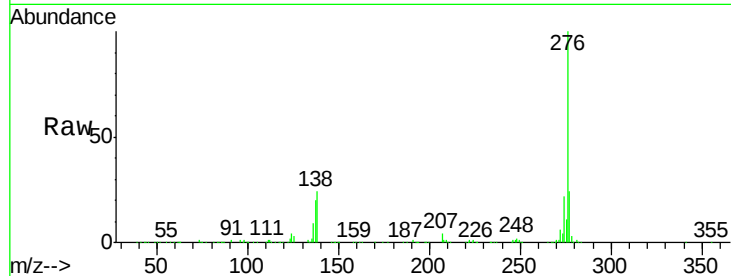
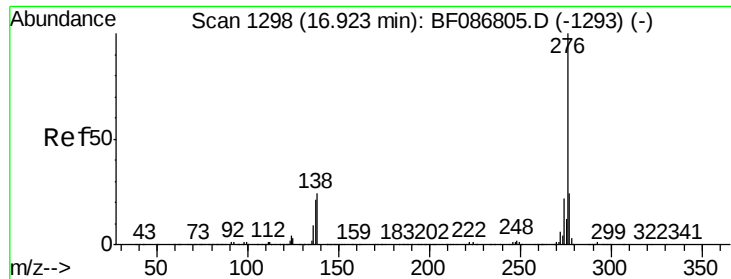
Sohil
5/9/2016 7:20:06 PM



#90
Dibenzo(a,h)anthracene
Concen: 36.33 ng
RT: 16.53 min Scan# 1264
Delta R.T. -0.01 min
Lab File: BF086780.D
Acq: 7 May 2016 18:08

Tgt Ion	Ratio	Lower	Upper
278	100		
139	19.0	16.6	24.8
279	24.1	19.6	29.4





#91

Benzo(g,h,i)perylene

Concen: 33.51 ng

RT: 16.91 min Scan# 1297

Delta R.T. -0.01 min

Lab File: BF086780.D

Acq: 7 May 2016 18:08

Instrument :

BNA_F

ClientSampleId :

PB90240BS

Tgt Ion:	276	Resp:	611954
Ion Ratio		Lower	Upper
276	100		
277	23.5	19.6	29.4
138	23.6	23.6	35.4#

Manual Integrations
APPROVED

Sohil
5/9/2016 7:20:06 PM

