

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF043016\
 Data File : BF086534.D
 Acq On : 30 Apr 2016 20:11
 Operator : UM/SJ
 Sample : PB90129BS
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB90129BS

Manual Integrations
 APPROVED

sohil
 5/2/2016 7:53:57 PM

Quant Time: May 01 05:07:29 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF042716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sun May 01 01:17:37 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.76	152	132749	20.00	ng	-0.01
21) Naphthalene-d8	8.05	136	590993	20.00	ng	0.00
38) Acenaphthene-d10	9.80	164	280234	20.00	ng	-0.01
63) Phenanthrene-d10	11.29	188	548222	20.00	ng	0.00
75) Chrysene-d12	13.92	240	434629	20.00	ng	0.00
86) Perylene-d12	15.31	264	344609	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.37	112	807709	104.95	ng	0.01
7) Phenol-d6	6.41	99	1043081	97.11	ng	0.00
23) Nitrobenzene-d5	7.33	82	678006	61.84	ng	-0.01
41) 2,4,6-Tribromophenol	10.59	330	268628	90.90	ng	-0.01
44) 2-Fluorobiphenyl	9.13	172	1107657	65.55	ng	-0.01
78) Terphenyl-d14	12.87	244	1078673	54.68	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.37	88	111297	27.53	ng	# 74
3) Pyridine	3.07	79	260757	27.25	ng	# 74
4) n-Nitrosodimethylamine	3.00	42	180756	33.14	ng	# 58
6) Aniline	6.43	93	209008	16.08	ng	98
8) 2-Chlorophenol	6.54	128	298951	31.19	ng	# 81
9) Benzaldehyde	6.30	77	32674	5.23	ng	99
10) Phenol	6.42	94	431526	36.01	ng	83
11) bis(2-Chloroethyl)ether	6.50	93	303689	29.31	ng	84
12) 1,3-Dichlorobenzene	6.70	146	312891	30.35	ng	97
13) 1,4-Dichlorobenzene	6.78	146	325191	30.57	ng	97
14) 1,2-Dichlorobenzene	6.93	146	293752	30.11	ng	97
15) Benzyl Alcohol	6.91	79	241755	35.58	ng	90
16) 2,2'-oxybis(1-Chloropropan	7.05	45	606258	29.24	ng	89
17) 2-Methylphenol	7.04	107	252285	32.56	ng	95
18) Hexachloroethane	7.28	117	116605	29.33	ng	100
19) n-Nitroso-di-n-propylamine	7.18	70	227993	32.11	ng	# 73
20) 3+4-Methylphenols	7.18	107	310536	35.10	ng	# 88
22) Acetophenone	7.17	105	421200	32.50	ng	95
24) Nitrobenzene	7.36	77	322483	28.59	ng	# 86
25) Isophorone	7.60	82	637487	30.21	ng	96
26) 2-Nitrophenol	7.66	139	158275	30.48	ng	# 72
27) 2,4-Dimethylphenol	7.71	122	277719	30.48	ng	90
28) bis(2-Chloroethoxy)methane	7.81	93	378998	32.97	ng	99
29) 2,4-Dichlorophenol	7.92	162	261226	33.98	ng	96
30) 1,2,4-Trichlorobenzene	8.00	180	268886	30.15	ng	97
31) Naphthalene	8.08	128	936002	31.13	ng	100
32) Benzoic acid	7.84	122	127368	27.64	ng	89
33) 4-Chloroaniline	8.13	127	113219	10.05	ng	99
34) Hexachlorobutadiene	8.19	225	140246	28.05	ng	99
35) Caprolactam	8.49	113	84478m	32.94	ng	
36) 4-Chloro-3-methylphenol	8.61	107	268734	30.53	ng	91
37) 2-Methylnaphthalene	8.76	142	564792	31.83	ng	97
39) 1,2,4,5-Tetrachlorobenzene	8.93	216	246324	30.71	ng	98
40) Hexachlorocyclopentadiene	8.92	237	245230	61.52	ng	95

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF043016\
 Data File : BF086534.D
 Acq On : 30 Apr 2016 20:11
 Operator : UM/SJ
 Sample : PB90129BS
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB90129BS

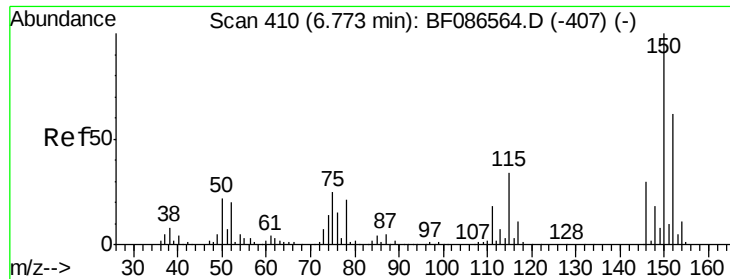
Manual Integrations
 APPROVED

sohil
 5/2/2016 7:53:57 PM

Quant Time: May 01 05:07:29 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF042716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sun May 01 01:17:37 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.05	196	173915	34.30	ng	94
43) 2,4,5-Trichlorophenol	9.09	196	173068	31.32	ng	95
45) 1,1'-Biphenyl	9.23	154	729049	31.12	ng	97
46) 2-Chloronaphthalene	9.25	162	547913	30.76	ng	95
47) 2-Nitroaniline	9.36	65	198169	34.70	ng	97
48) Acenaphthylene	9.66	152	830968	29.85	ng	99
49) Dimethylphthalate	9.54	163	659310	31.25	ng	98
50) 2,6-Dinitrotoluene	9.60	165	154172	35.37	ng	94
51) Acenaphthene	9.84	154	598731	33.48	ng	98
52) 3-Nitroaniline	9.76	138	74374	15.00	ng	# 76
53) 2,4-Dinitrophenol	9.87	184	135275	59.04	ng	# 86
54) Dibenzofuran	10.01	168	741328	33.17	ng	95
55) 4-Nitrophenol	9.93	139	194089	59.80	ng	# 61
56) 2,4-Dinitrotoluene	10.00	165	189701	34.14	ng	94
57) Fluorene	10.35	166	584302	30.11	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.13	232	156915	36.32	ng	93
59) Diethylphthalate	10.24	149	666969	33.40	ng	97
60) 4-Chlorophenyl-phenylether	10.35	204	278525	31.62	ng	# 81
61) 4-Nitroaniline	10.37	138	157263	32.46	ng	78
62) Azobenzene	10.51	77	743171	33.97	ng	88
64) 4,6-Dinitro-2-methylphenol	10.41	198	98414	30.58	ng	91
65) n-Nitrosodiphenylamine	10.46	169	517988	30.23	ng	99
66) 4-Bromophenyl-phenylether	10.83	248	169358	29.98	ng	91
67) Hexachlorobenzene	10.90	284	198307	30.33	ng	# 89
68) Atrazine	10.99	200	163255	31.73	ng	95
69) Pentachlorophenol	11.09	266	200848	58.26	ng	97
70) Phenanthrene	11.31	178	914717	31.79	ng	100
71) Anthracene	11.36	178	958917	31.23	ng	99
72) Carbazole	11.52	167	873204	32.09	ng	99
73) Di-n-butylphthalate	11.86	149	981219	31.83	ng	98
74) Fluoranthene	12.49	202	919917	31.68	ng	99
76) Benzidine	12.63	184	234713	15.71	ng	97
77) Pyrene	12.72	202	903235	28.84	ng	100
79) Butylbenzylphthalate	13.35	149	415305	30.62	ng	# 79
80) Benzo(a)anthracene	13.91	228	748385	32.30	ng	98
81) 3,3'-Dichlorobenzidine	13.87	252	134504	8.68	ng	98
82) Chrysene	13.94	228	724009	28.75	ng	99
83) Bis(2-ethylhexyl)phthalate	13.91	149	470144	27.92	ng	# 96
84) Di-n-octyl phthalate	14.51	149	752755	28.55	ng	# 88
85) Indeno(1,2,3-cd)pyrene	16.65	276	612773	32.83	ng	97
87) Benzo(b)fluoranthene	14.92	252	751664m	37.08	ng	
88) Benzo(k)fluoranthene	14.95	252	577711m	27.32	ng	
89) Benzo(a)pyrene	15.25	252	607885	31.76	ng	98
90) Dibenzo(a,h)anthracene	16.66	278	514954	32.88	ng	96
91) Benzo(g,h,i)perylene	17.05	276	507931	32.36	ng	# 91

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.76 min Scan# 409

Delta R.T. -0.01 min

Lab File: BF086534.D

Acq: 30 Apr 2016 20:11

Instrument :

BNA_F

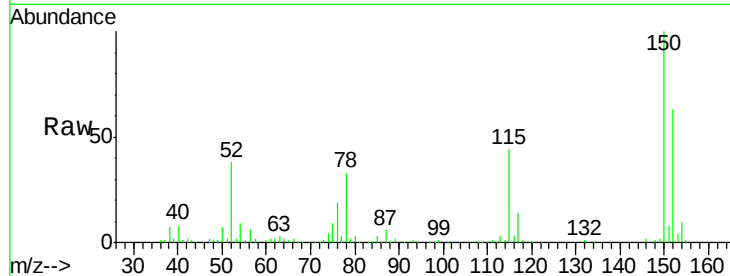
ClientSampleId :

PB90129BS

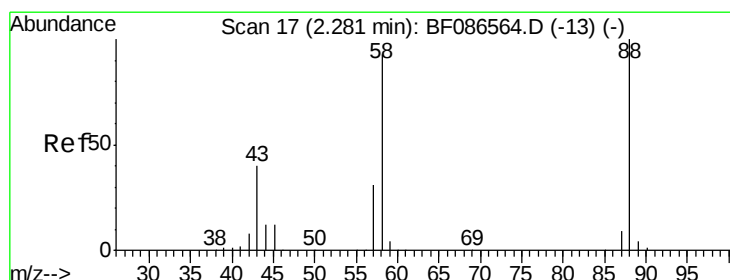
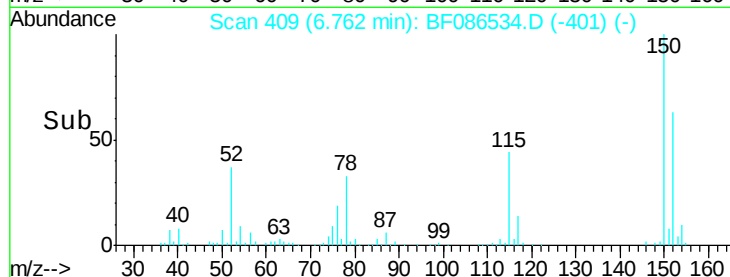
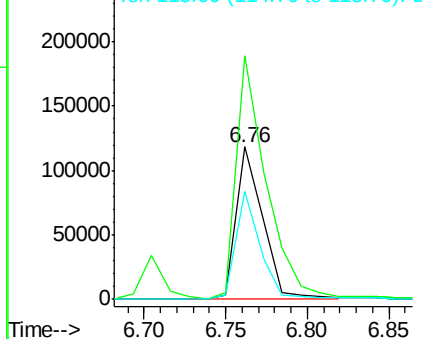
Manual Integrations
APPROVED

sohil
5/2/2016 7:53:57 PM

Tgt Ion:	152	Resp:	132749
Ion Ratio	Lower	Upper	
152	100		
150	159.9	125.8	188.6
115	70.5	51.5	77.3



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



#2

1,4-Dioxane

Concen: 27.53 ng

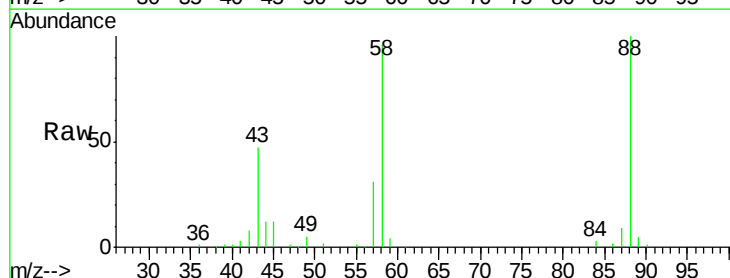
RT: 2.37 min Scan# 25

Delta R.T. 0.08 min

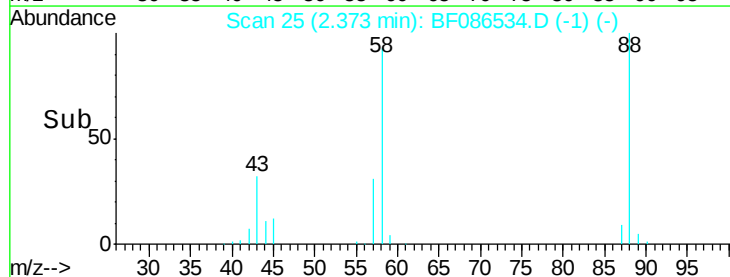
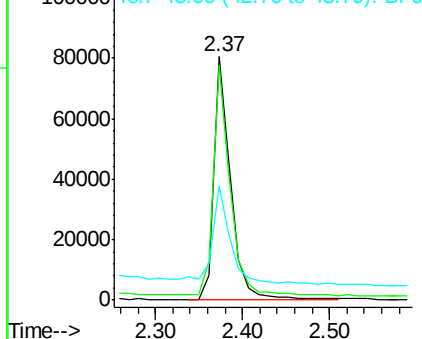
Lab File: BF086534.D

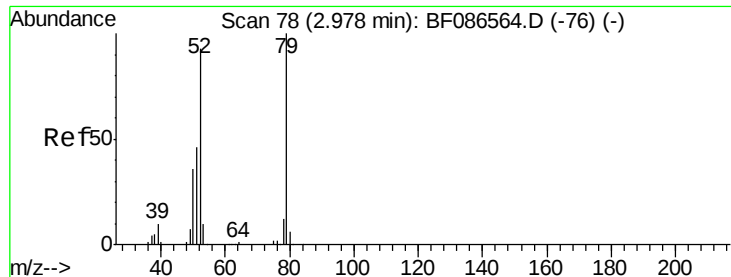
Acq: 30 Apr 2016 20:11

Tgt Ion:	88	Resp:	111297
Ion Ratio	Lower	Upper	
88	100		
58	93.9	59.6	89.4#
43	45.1	21.8	32.6#



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





#3

Pyridine

Concen: 27.25 ng

RT: 3.07 min Scan# 86

Delta R.T. 0.09 min

Lab File: BF086534.D

Acq: 30 Apr 2016 20:11

Instrument :

BNA_F

ClientSampleId :

PB90129BS

Tgt Ion: 79 Resp: 260757
Ion Ratio Lower Upper

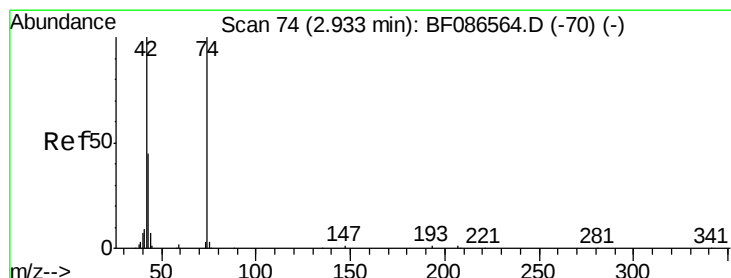
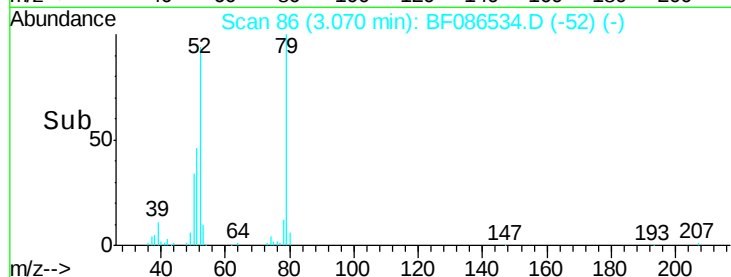
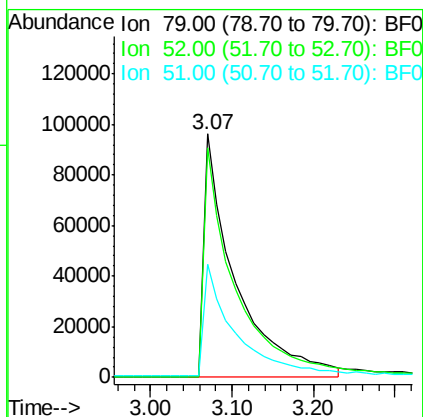
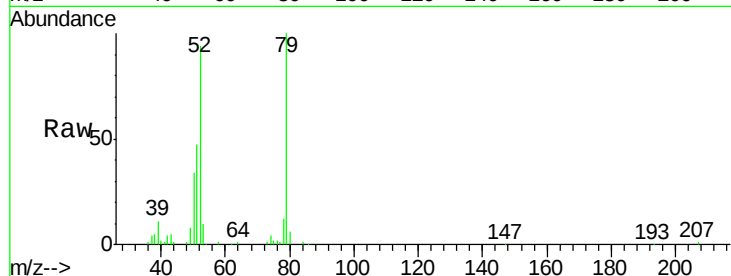
79 100

52 94.3 55.9 83.9#

51 46.5 28.1 42.1#

Manual Integrations
APPROVED

sohil
5/2/2016 7:53:57 PM



#4

n-Nitrosodimethylamine

Concen: 33.14 ng

RT: 3.00 min Scan# 80

Delta R.T. 0.07 min

Lab File: BF086534.D

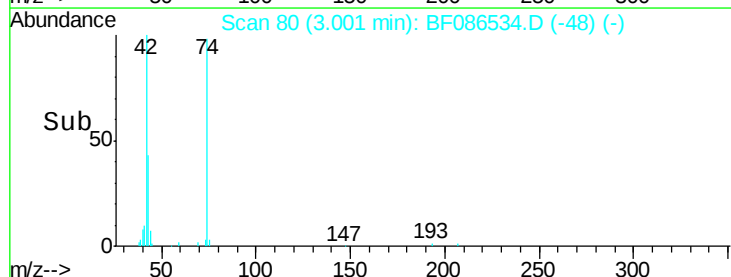
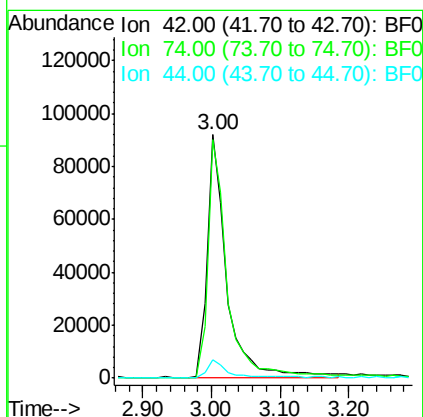
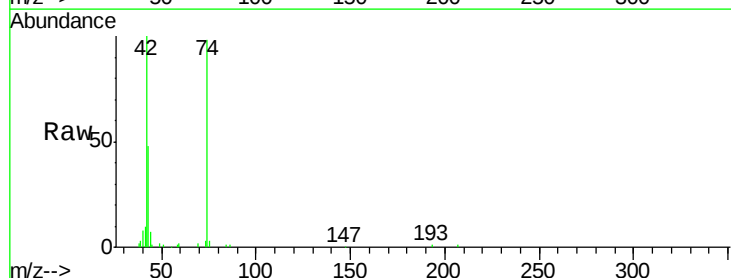
Acq: 30 Apr 2016 20:11

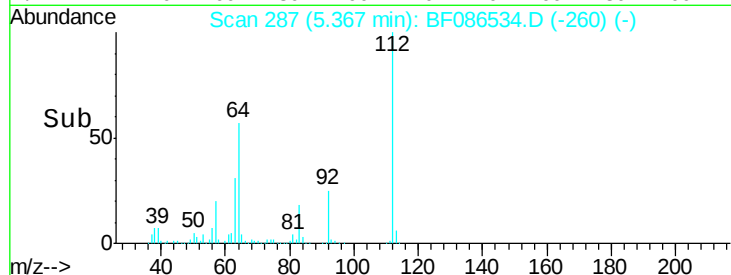
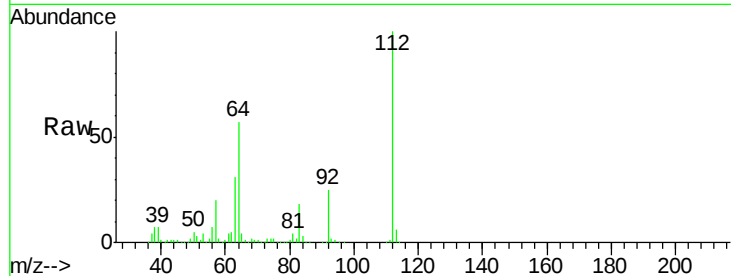
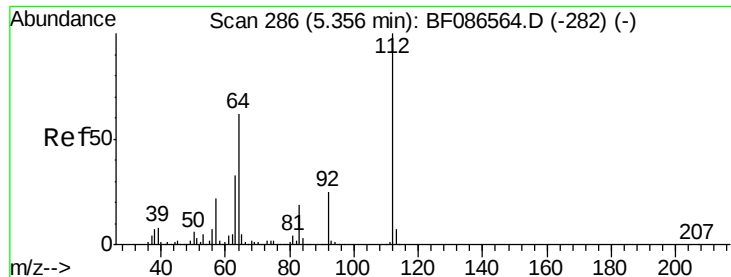
Tgt Ion: 42 Resp: 180756
Ion Ratio Lower Upper

42 100

74 97.8 123.4 185.0#

44 7.3 5.8 8.6





#5

2-Fluorophenol

Concen: 104.95 ng

RT: 5.37 min Scan# 287

Delta R.T. 0.01 min

Lab File: BF086534.D

Acq: 30 Apr 2016 20:11

Tgt Ion:	112	Resp:	807709
Ion Ratio	Lower	Upper	
112	100		
64	57.5	52.1	78.1
63	30.6	25.7	38.5

Instrument :

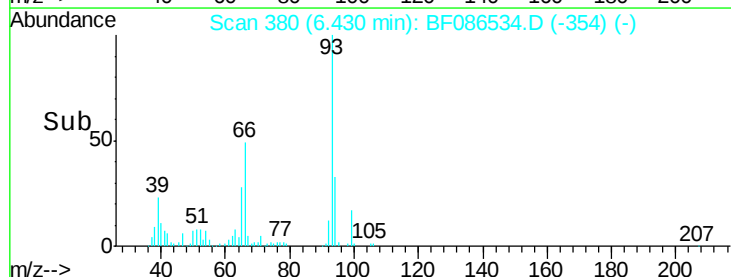
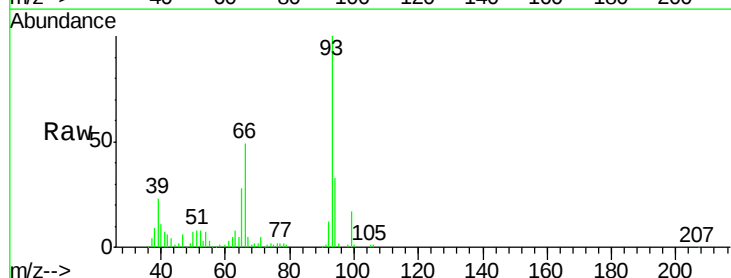
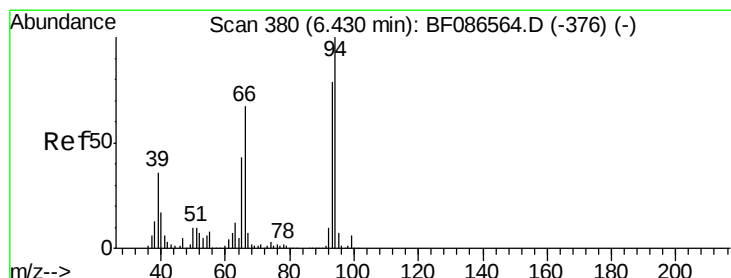
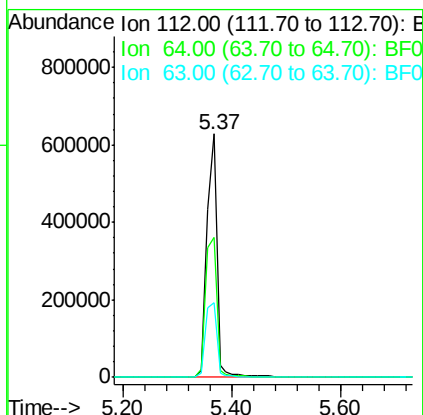
BNA_F

ClientSampleId :

PB90129BS

Manual Integrations
APPROVED

sohil
5/2/2016 7:53:57 PM



#6

Aniline

Concen: 16.08 ng

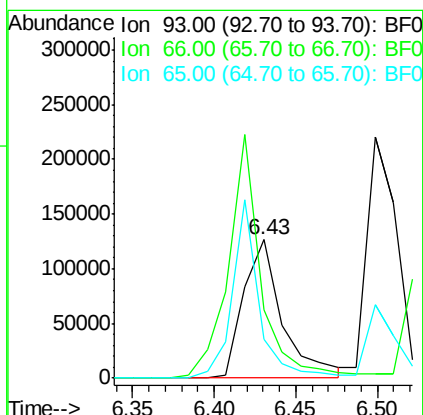
RT: 6.43 min Scan# 380

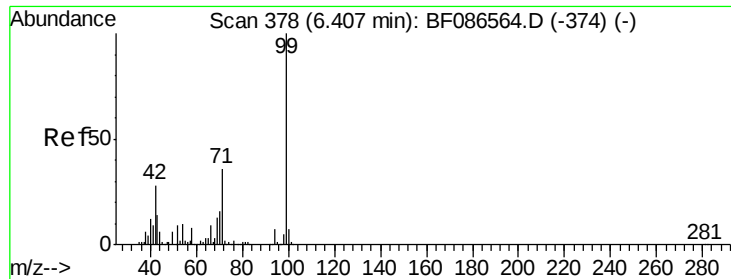
Delta R.T. 0.00 min

Lab File: BF086534.D

Acq: 30 Apr 2016 20:11

Tgt Ion:	93	Resp:	209008
Ion Ratio	Lower	Upper	
93	100		
66	49.2	39.0	58.6
65	27.8	20.6	31.0





#7

Phenol-d6

Concen: 97.11 ng

RT: 6.41 min Scan# 378

Delta R.T. 0.00 min

Lab File: BF086534.D

Acq: 30 Apr 2016 20:11

Instrument :

BNA_F

ClientSampleId :

PB90129BS

Tgt Ion: 99 Resp: 1043081

Ion Ratio Lower Upper

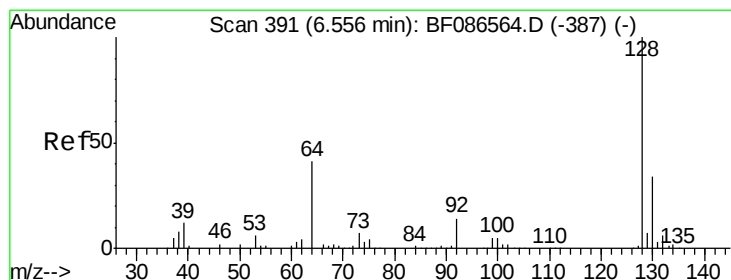
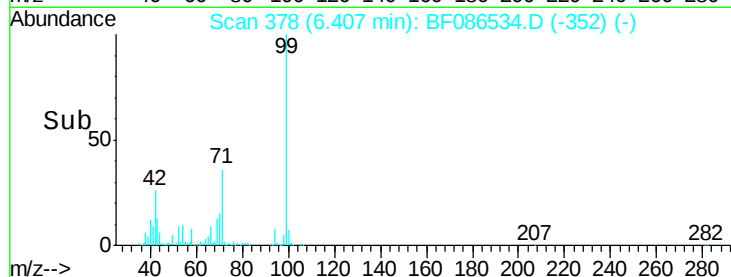
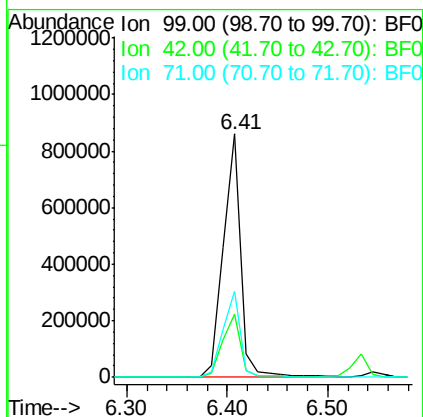
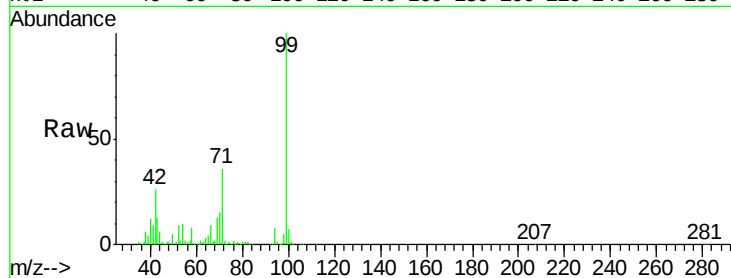
99 100

42 26.1 13.6 20.4#

71 35.6 24.6 36.8

Manual Integrations
APPROVED

sohil
5/2/2016 7:53:57 PM



#8

2-Chlorophenol

Concen: 31.19 ng

RT: 6.54 min Scan# 390

Delta R.T. -0.01 min

Lab File: BF086534.D

Acq: 30 Apr 2016 20:11

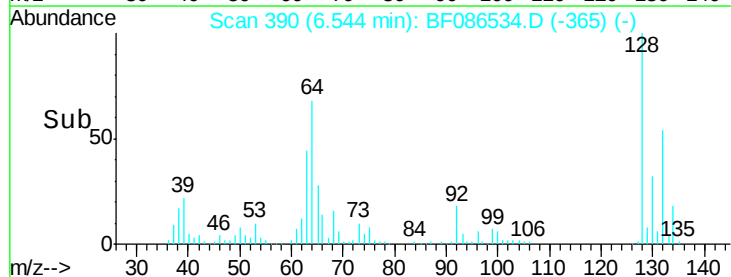
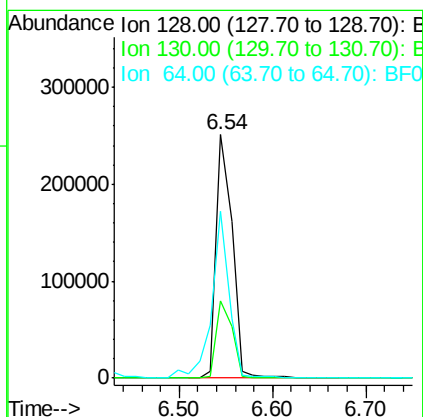
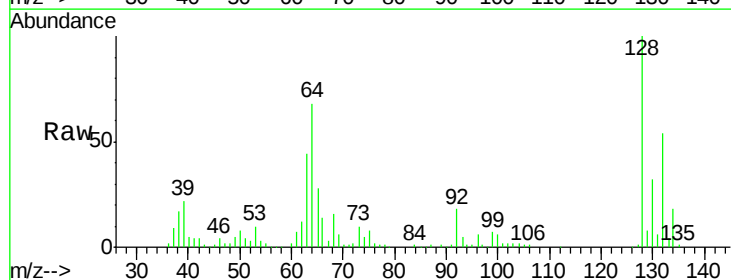
Tgt Ion: 128 Resp: 298951

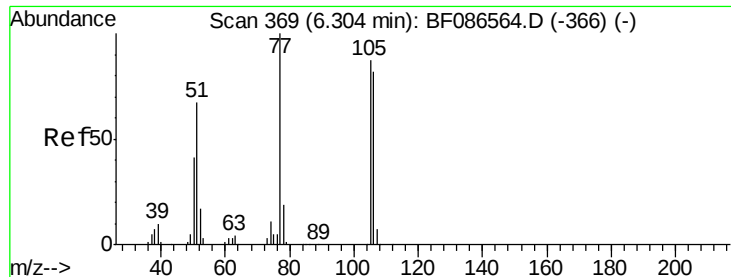
Ion Ratio Lower Upper

128 100

130 31.7 12.5 52.5

64 68.5 27.3 67.3#





#9

Benzaldehyde

Concen: 5.23 ng

RT: 6.30 min Scan# 369

Delta R.T. -0.01 min

Lab File: BF086534.D

Acq: 30 Apr 2016 20:11

Instrument :

BNA_F

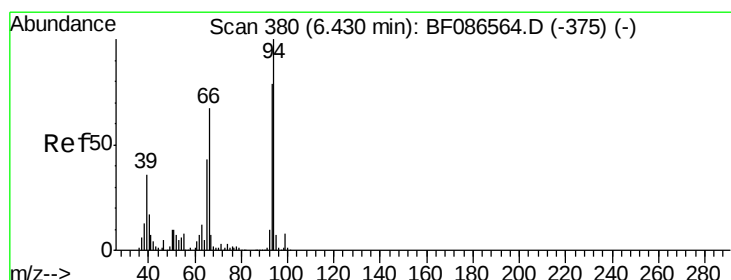
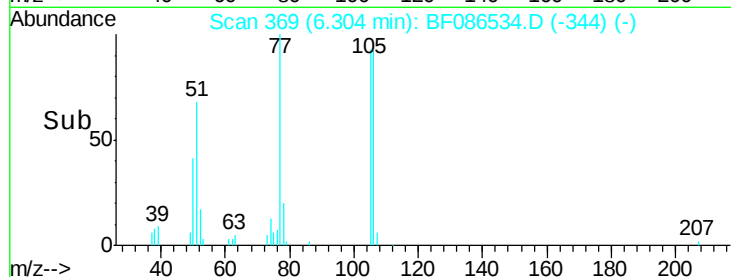
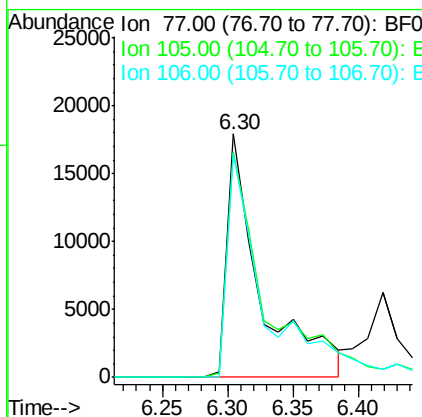
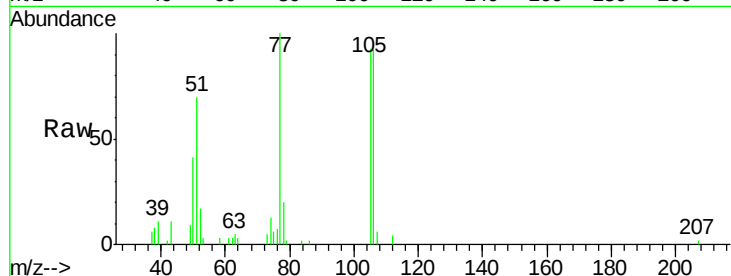
ClientSampleId :

PB90129BS

Tgt Ion:	77	Resp:	32674
Ion	Ratio	Lower	Upper
77	100		
105	92.6	72.7	112.7
106	92.2	70.8	110.8

Manual Integrations
APPROVED

sohil
5/2/2016 7:53:57 PM



#10

Phenol

Concen: 36.01 ng

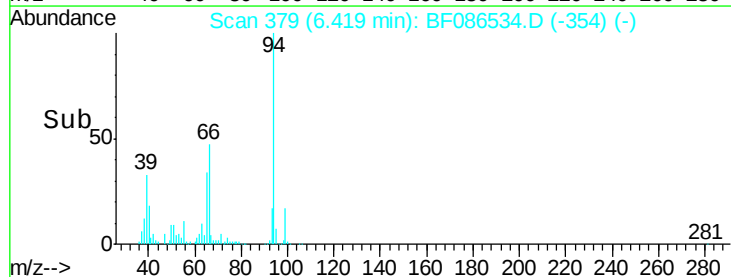
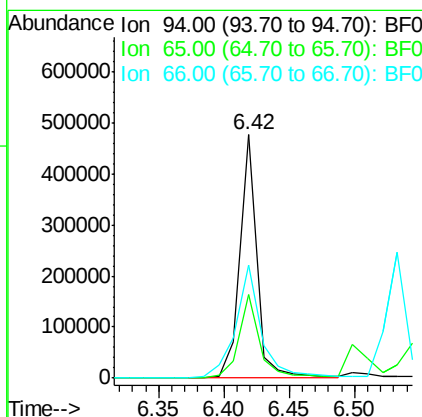
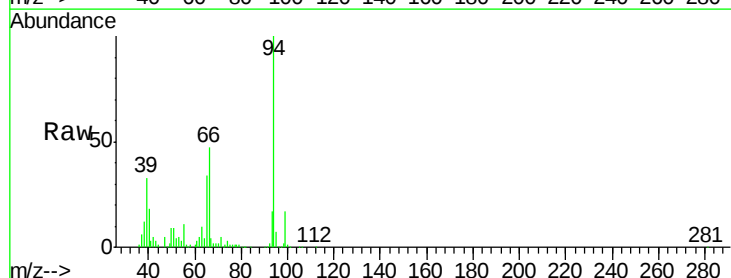
RT: 6.42 min Scan# 379

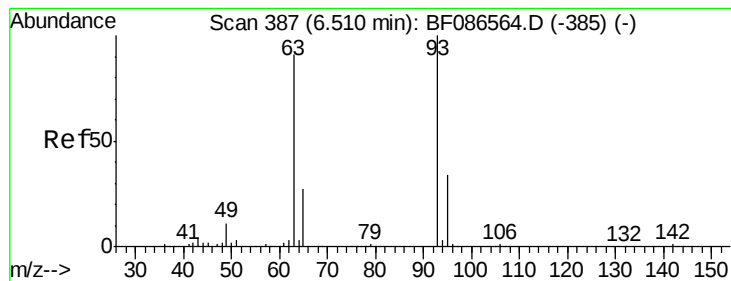
Delta R.T. -0.01 min

Lab File: BF086534.D

Acq: 30 Apr 2016 20:11

Tgt Ion:	94	Resp:	431526
Ion	Ratio	Lower	Upper
94	100		
65	34.2	7.2	47.2
66	46.7	14.9	54.9





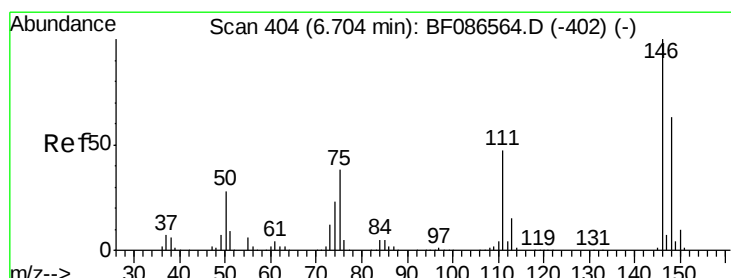
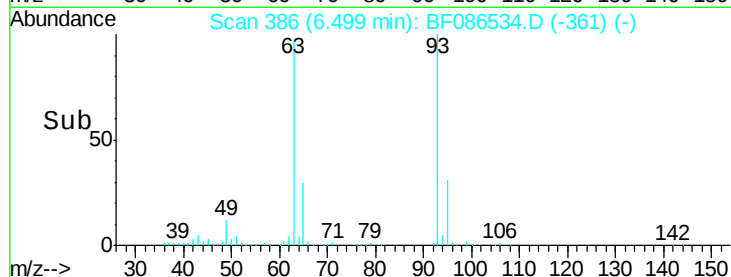
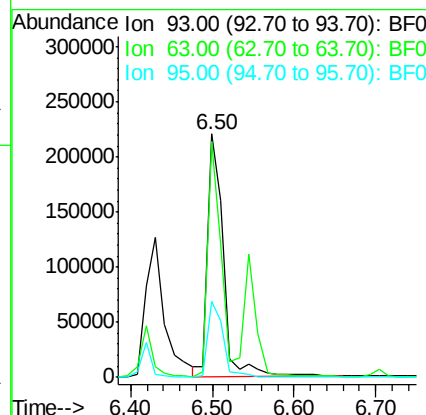
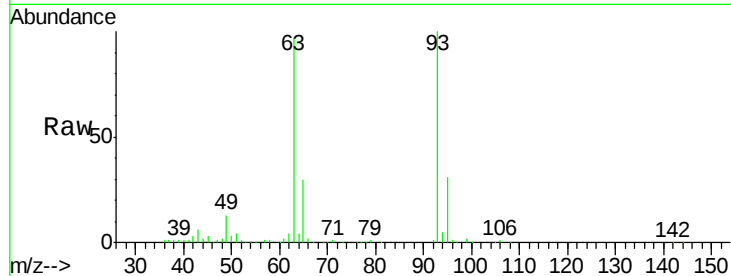
#11
bis(2-Chloroethyl)ether
Concen: 29.31 ng
RT: 6.50 min Scan# 386
Delta R.T. -0.01 min
Lab File: BF086534.D
Acq: 30 Apr 2016 20:11

Instrument :
BNA_F
ClientSampleId :
PB90129BS

Tgt Ion	Ratio	Resp Lower	Upper
93	100		
63	97.0	58.0	98.0
95	31.1	11.9	51.9

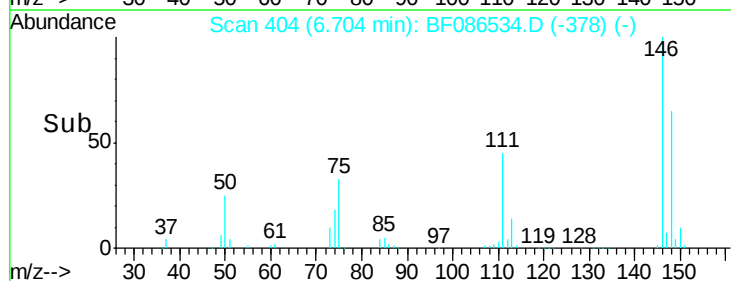
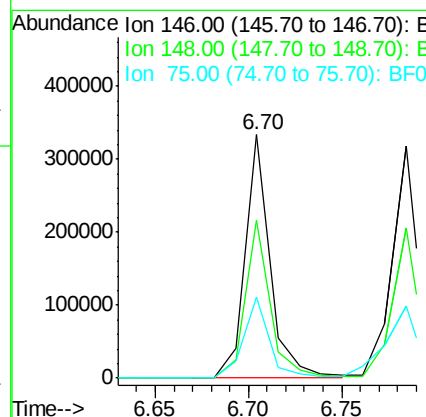
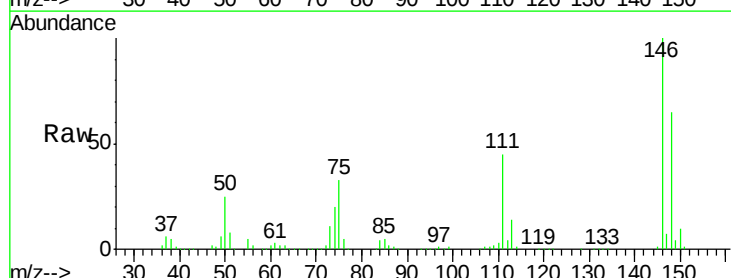
Manual Integrations
APPROVED

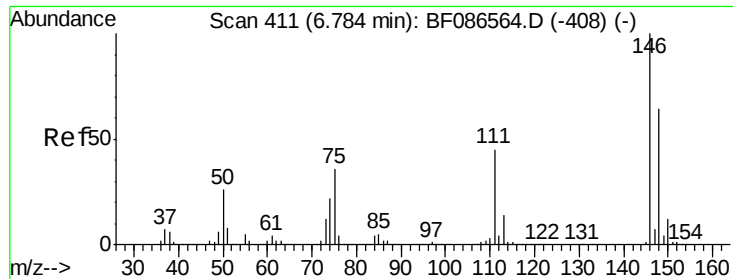
sohil
5/2/2016 7:53:57 PM



#12
1,3-Dichlorobenzene
Concen: 30.35 ng
RT: 6.70 min Scan# 404
Delta R.T. 0.00 min
Lab File: BF086534.D
Acq: 30 Apr 2016 20:11

Tgt Ion	Ratio	Resp Lower	Upper
146	100		
148	64.9	52.4	78.6
75	33.3	22.8	34.2





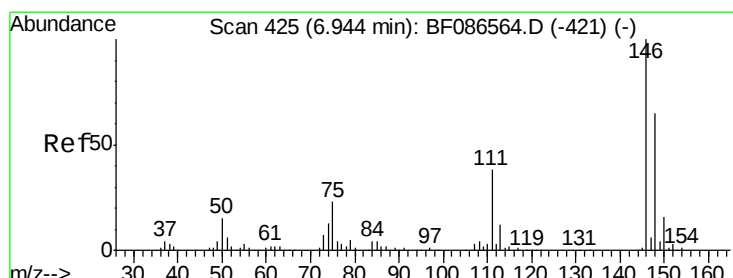
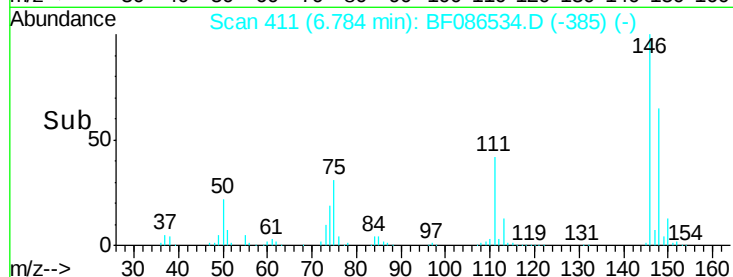
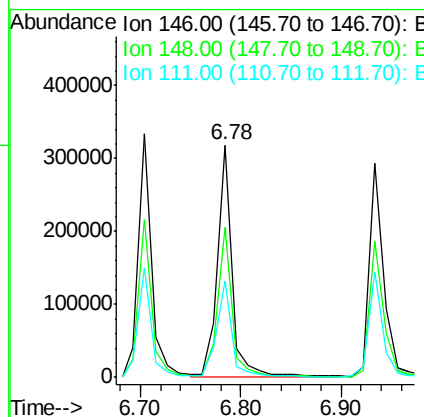
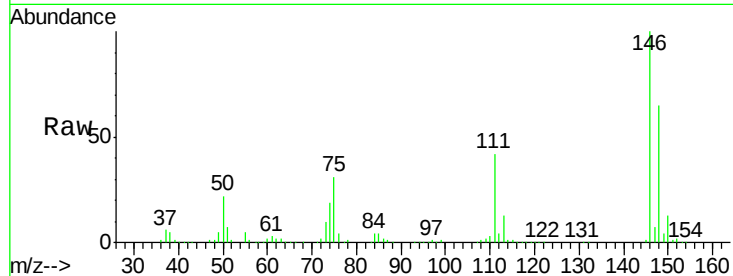
#13
 1,4-Dichlorobenzene
 Concen: 30.57 ng
 RT: 6.78 min Scan# 411
 Delta R.T. 0.00 min
 Lab File: BF086534.D
 Acq: 30 Apr 2016 20:11

Instrument :
 BNA_F
 ClientSampleId :
 PB90129BS

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	325191		
148	64.6	52.2	78.4	
111	41.8	30.7	46.1	

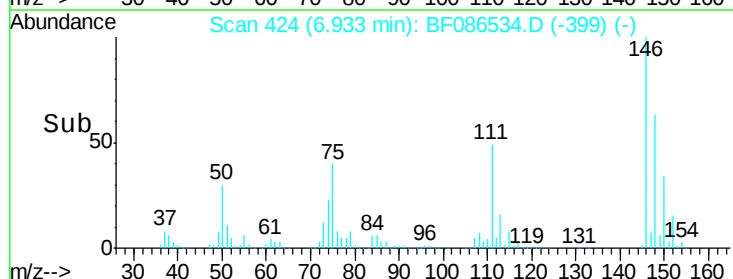
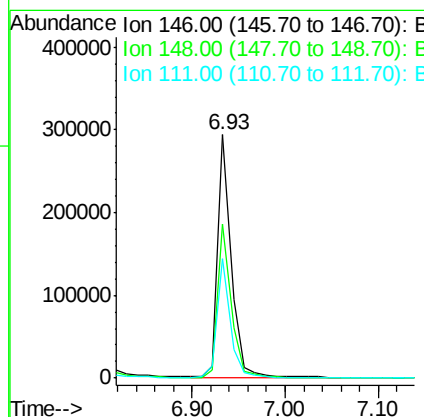
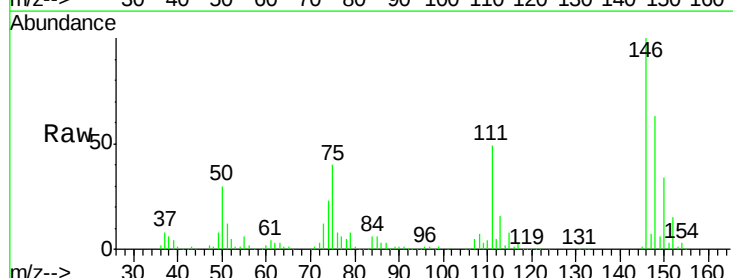
Manual Integrations
 APPROVED

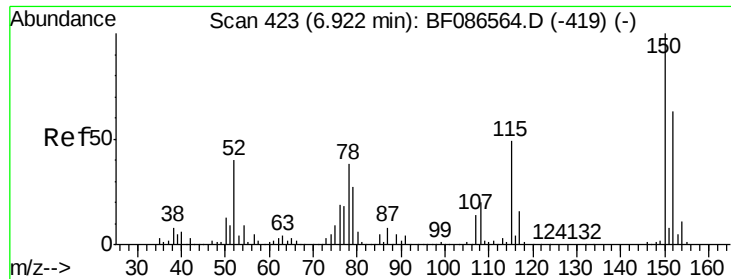
sohil
 5/2/2016 7:53:57 PM



#14
 1,2-Dichlorobenzene
 Concen: 30.11 ng
 RT: 6.93 min Scan# 424
 Delta R.T. -0.01 min
 Lab File: BF086534.D
 Acq: 30 Apr 2016 20:11

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	293752		
148	63.4	51.0	76.6	
111	49.3	36.2	54.4	





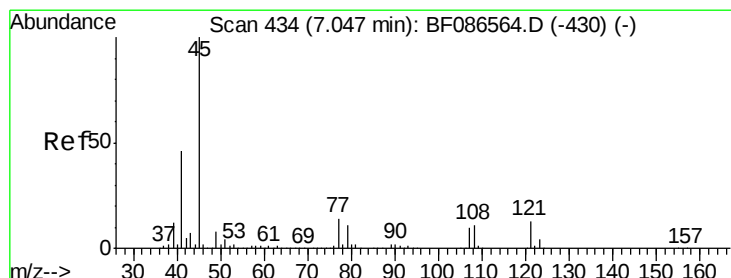
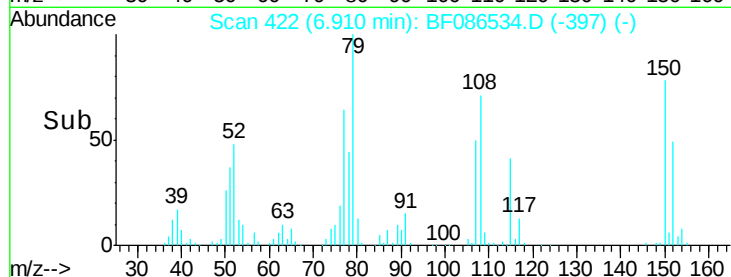
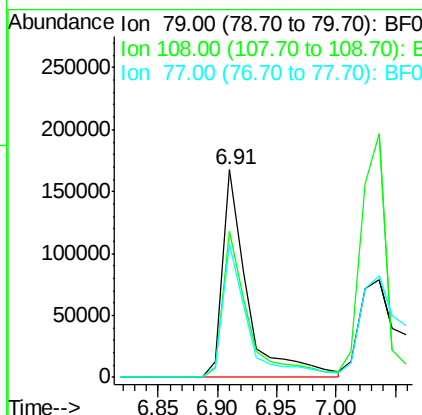
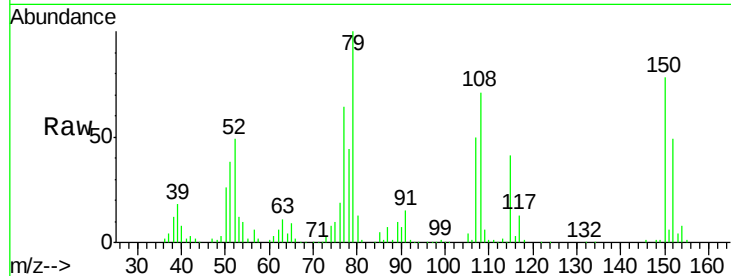
#15
Benzyl Alcohol
Concen: 35.58 ng
RT: 6.91 min Scan# 422
Delta R.T. -0.01 min
Lab File: BF086534.D
Acq: 30 Apr 2016 20:11

Instrument :
BNA_F
ClientSampleId :
PB90129BS

Tgt Ion	Ratio	Resp	Lower	Upper
79	100	241755		
108	70.8	68.4	102.6	
77	64.5	50.6	76.0	

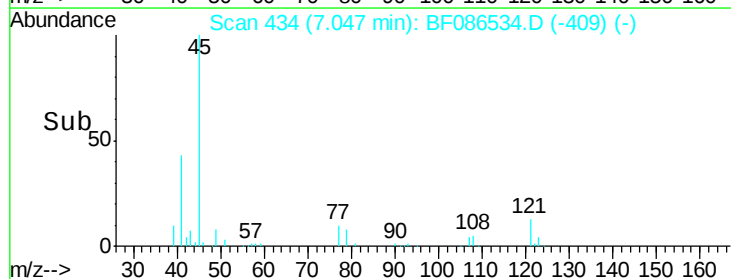
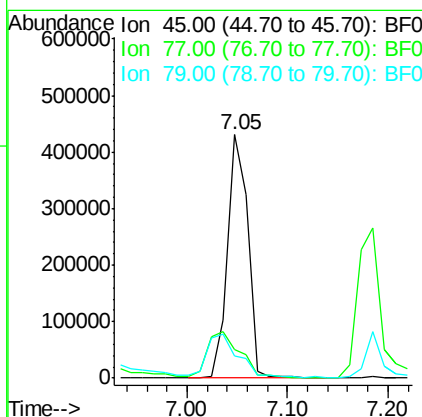
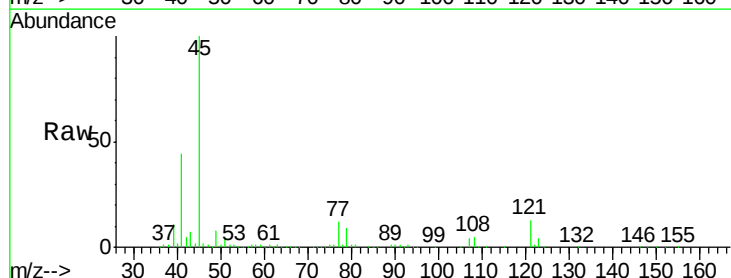
Manual Integrations
APPROVED

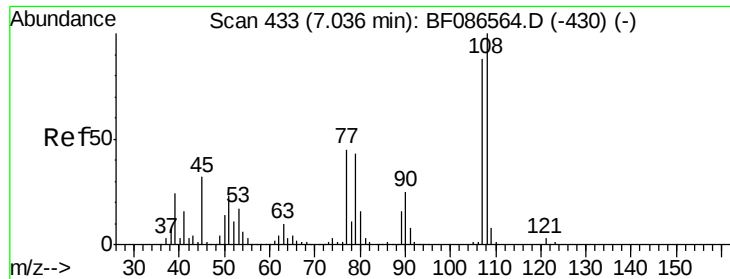
sohil
5/2/2016 7:53:57 PM



#16
2,2'-oxybis(1-Chloropropane)
Concen: 29.24 ng
RT: 7.05 min Scan# 434
Delta R.T. -0.01 min
Lab File: BF086534.D
Acq: 30 Apr 2016 20:11

Tgt Ion	Ratio	Resp	Lower	Upper
45	100	606258		
77	11.6	0.0	36.4	
79	9.3	0.0	33.4	





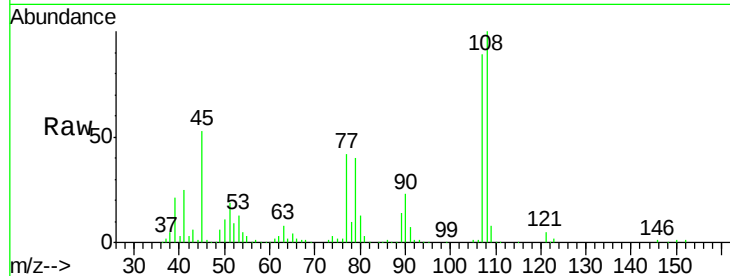
#17
2-Methylphenol
Concen: 32.56 ng
RT: 7.04 min Scan# 433
Delta R.T. 0.00 min
Lab File: BF086534.D
Acq: 30 Apr 2016 20:11

Instrument :
BNA_F
ClientSampleId :
PB90129BS

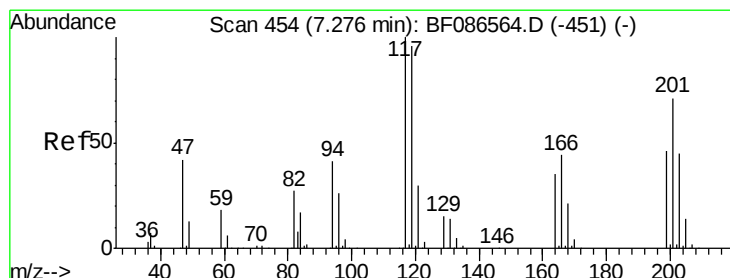
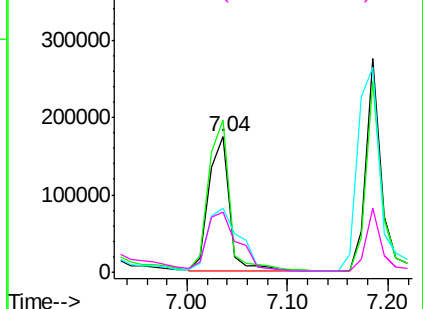
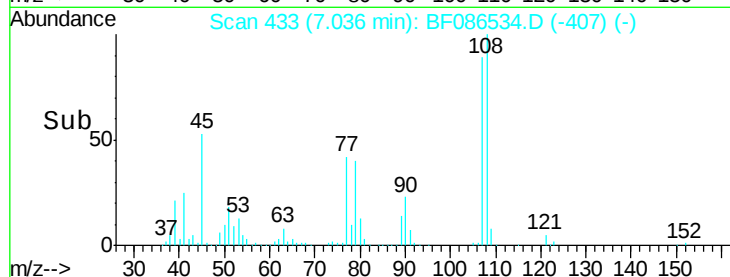
Tgt Ion:	107	Resp:	252285
Ion Ratio	Lower	Upper	
107	100		
108	112.2	93.7	140.5
77	47.0	33.4	50.0
79	44.8	34.3	51.5

Manual Integrations
APPROVED

sohil
5/2/2016 7:53:57 PM

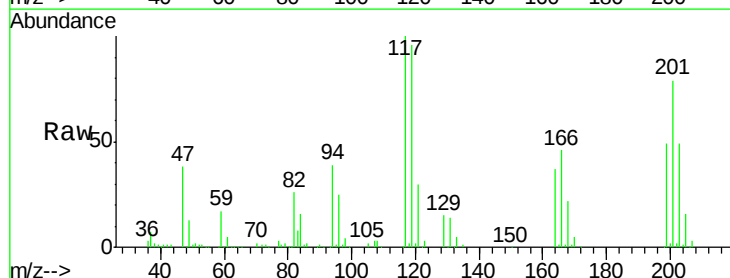


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

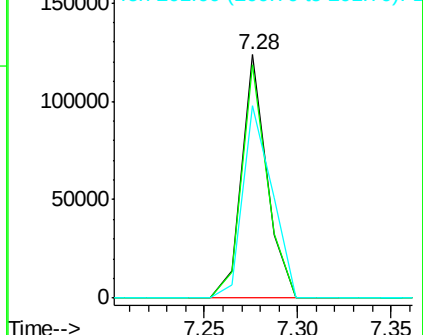
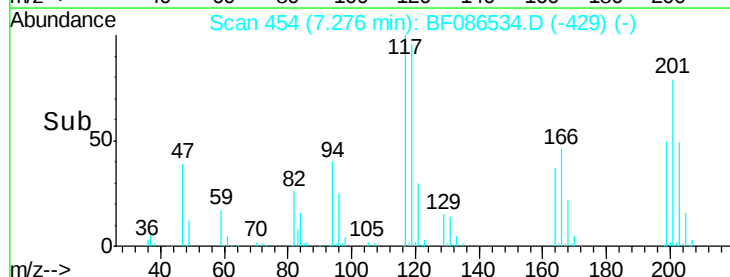


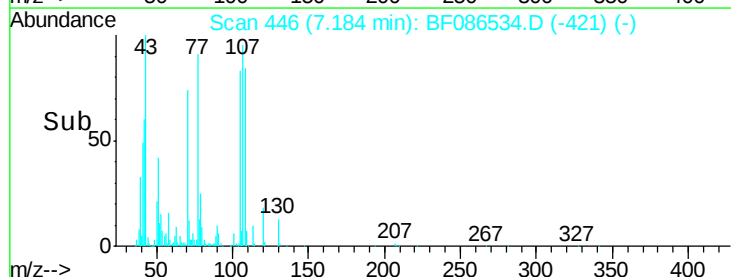
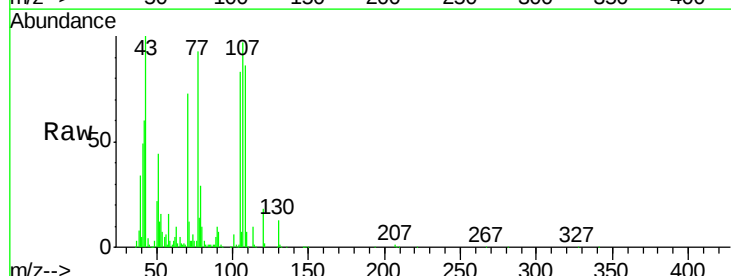
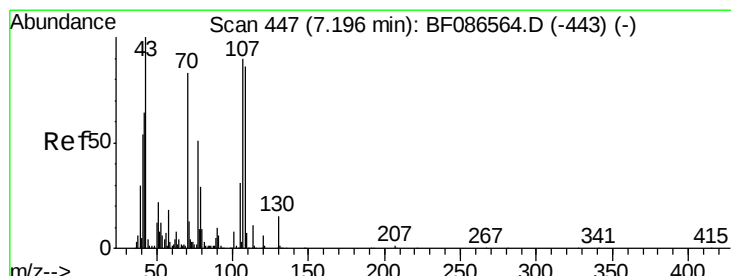
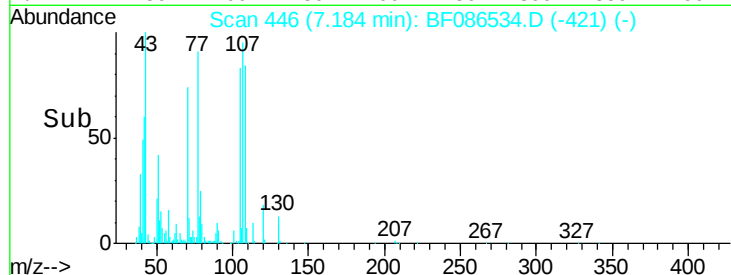
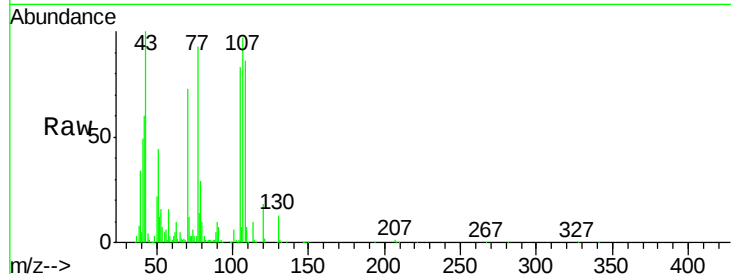
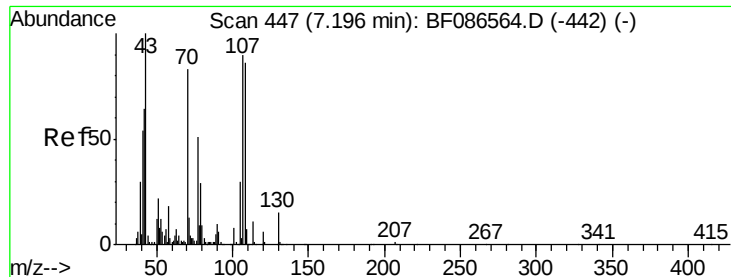
#18
Hexachloroethane
Concen: 29.33 ng
RT: 7.28 min Scan# 454
Delta R.T. -0.01 min
Lab File: BF086534.D
Acq: 30 Apr 2016 20:11

Tgt Ion:	117	Resp:	116605
Ion Ratio	Lower	Upper	
117	100		
119	96.0	76.5	114.7
201	79.1	63.0	94.6



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E





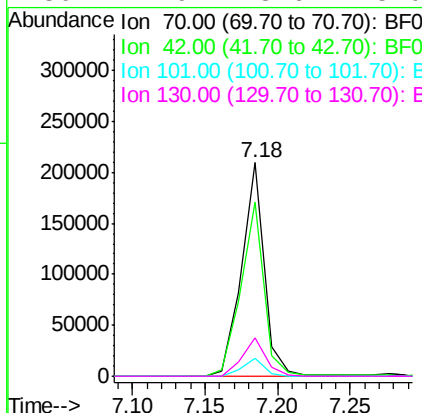
#19
n-Nitroso-di-n-propylamine
Concen: 32.11 ng
RT: 7.18 min Scan# 446
Delta R.T. -0.01 min
Lab File: BF086534.D
Acq: 30 Apr 2016 20:11

Instrument :
BNA_F
ClientSampleId :
PB90129BS

Tgt Ion	Ratio	Resp Lower	Upper
70	100		
42	81.6	43.1	64.7#
101	8.7	8.1	12.1
130	17.9	18.6	28.0#

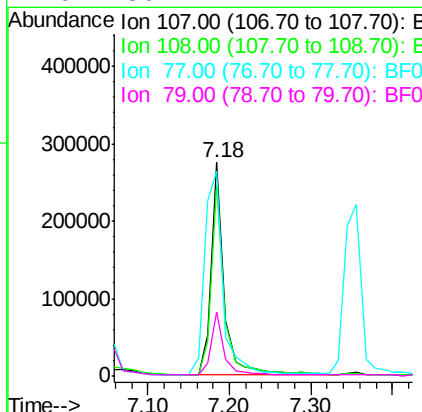
Manual Integrations
APPROVED

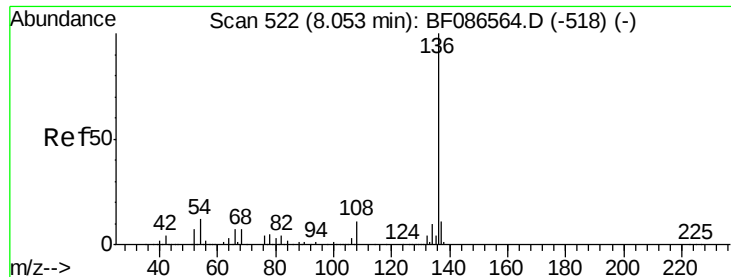
sohil
5/2/2016 7:53:57 PM



#20
3+4-Methylphenols
Concen: 35.10 ng
RT: 7.18 min Scan# 446
Delta R.T. -0.01 min
Lab File: BF086534.D
Acq: 30 Apr 2016 20:11

Tgt Ion	Ratio	Resp Lower	Upper
107	100		
108	89.0	68.5	108.5
77	96.1	101.6	141.6#
79	30.1	7.4	47.4





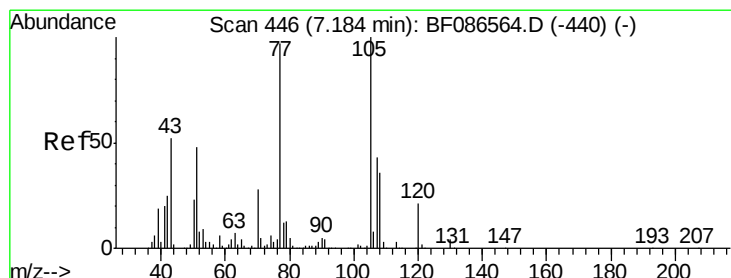
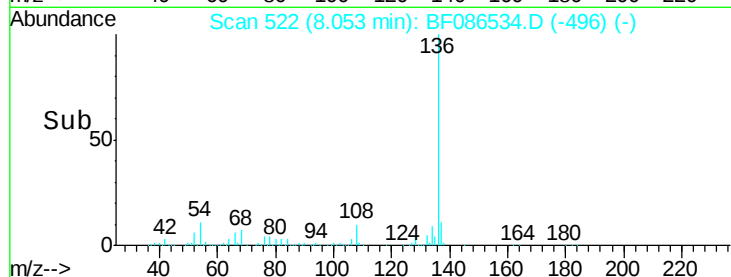
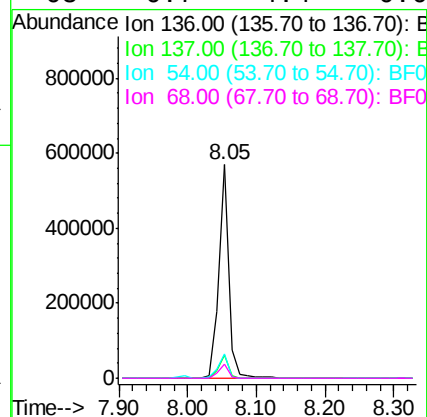
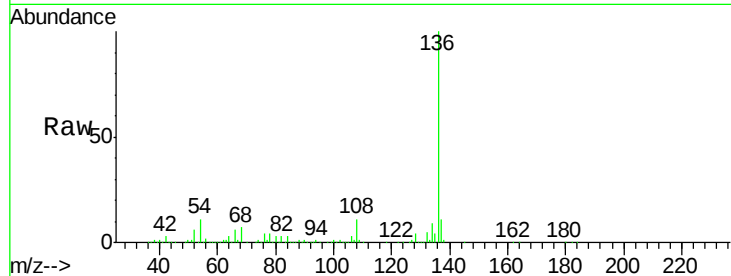
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.05 min Scan# 522
Delta R.T. 0.00 min
Lab File: BF086534.D
Acq: 30 Apr 2016 20:11

Instrument :
BNA_F
ClientSampleId :
PB90129BS

Tgt Ion	Ratio	Resp Lower	Upper
136	100		
137	10.9	8.8	13.2
54	11.1	5.0	7.4#
68	6.7	4.4	6.6#

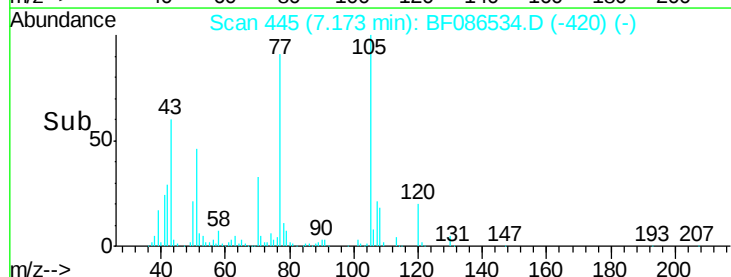
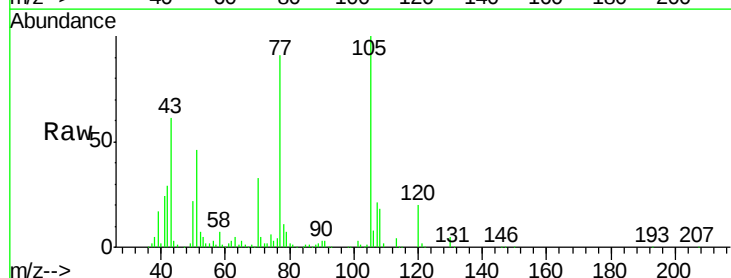
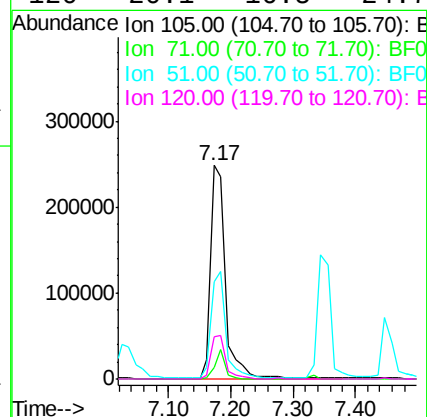
Manual Integrations
APPROVED

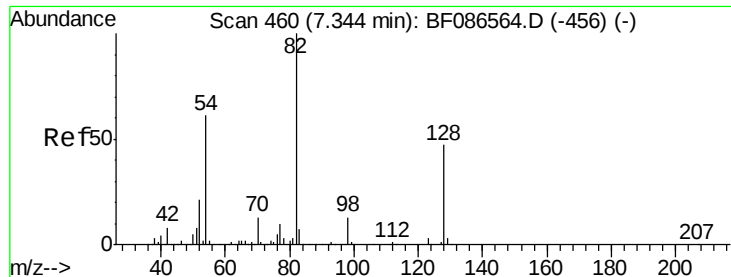
sohil
5/2/2016 7:53:57 PM



#22
Acetophenone
Concen: 32.50 ng
RT: 7.17 min Scan# 445
Delta R.T. -0.01 min
Lab File: BF086534.D
Acq: 30 Apr 2016 20:11

Tgt Ion	Ratio	Resp Lower	Upper
105	100		
71	5.5	4.8	7.2
51	45.8	32.6	49.0
120	20.1	16.5	24.7





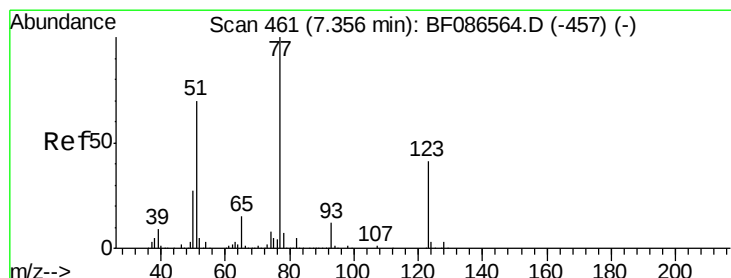
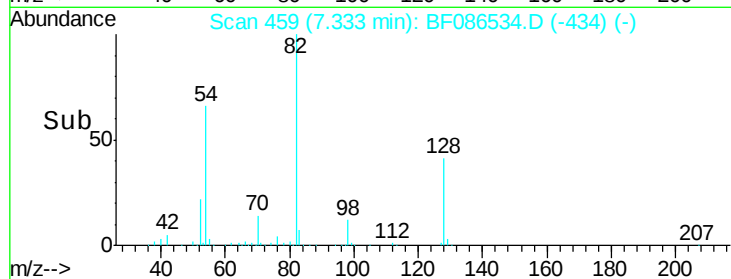
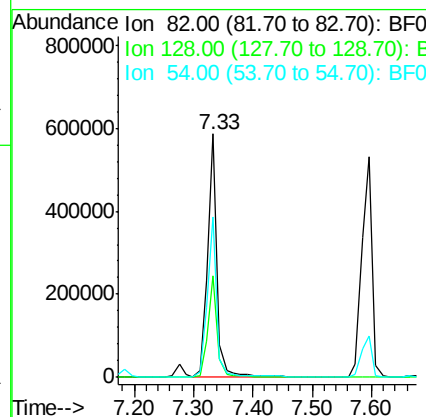
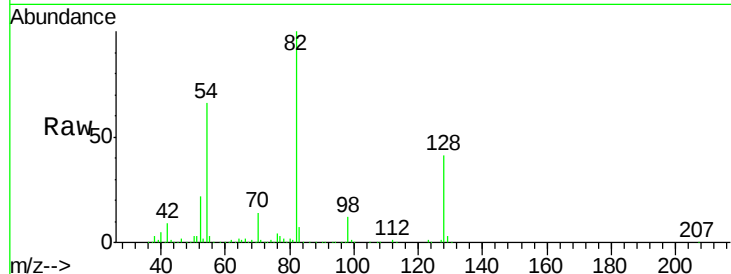
#23
 Nitrobenzene-d5
 Concen: 61.84 ng
 RT: 7.33 min Scan# 459
 Delta R.T. -0.01 min
 Lab File: BF086534.D
 Acq: 30 Apr 2016 20:11

Instrument :
 BNA_F
 ClientSampleId :
 PB90129BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
82	100		
128	41.5	40.6	61.0
54	66.1	38.1	57.1#

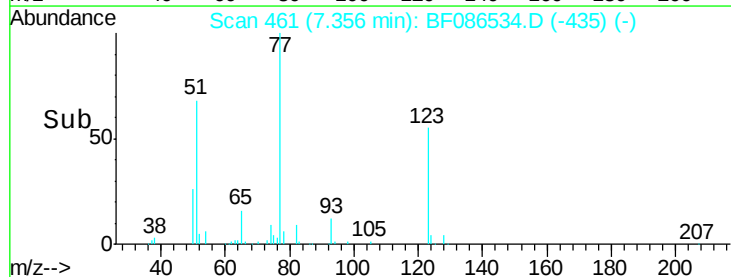
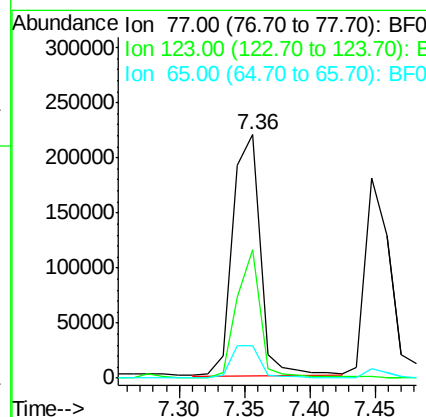
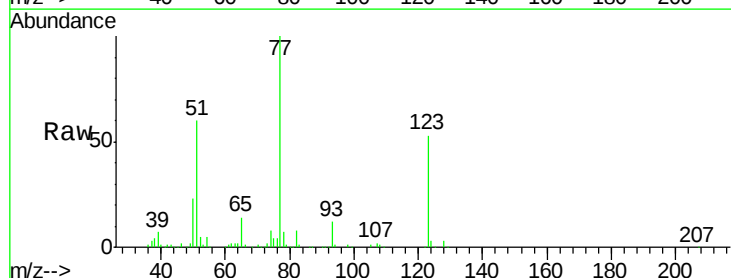
Manual Integrations
 APPROVED

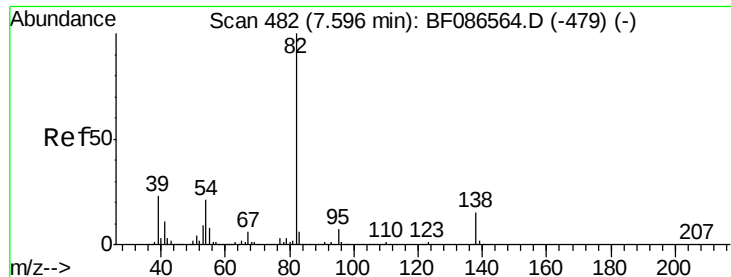
sohil
 5/2/2016 7:53:57 PM



#24
 Nitrobenzene
 Concen: 28.59 ng
 RT: 7.36 min Scan# 461
 Delta R.T. 0.00 min
 Lab File: BF086534.D
 Acq: 30 Apr 2016 20:11

Tgt Ion	Ratio	Resp Lower	Resp Upper
77	100		
123	52.6	33.0	49.4#
65	13.5	10.8	16.2





#25

Isophorone

Concen: 30.21 ng

RT: 7.60 min Scan# 482

Delta R.T. -0.01 min

Lab File: BF086534.D

Acq: 30 Apr 2016 20:11

Instrument :

BNA_F

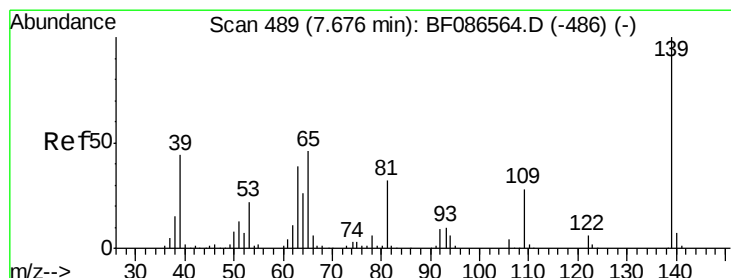
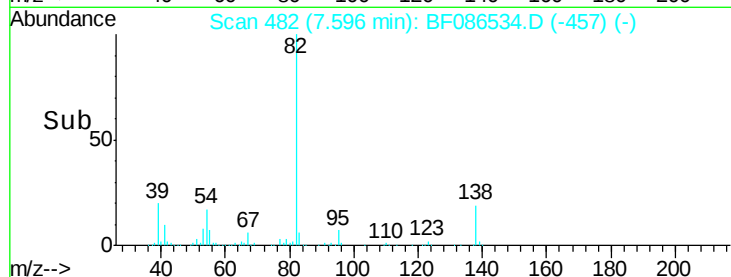
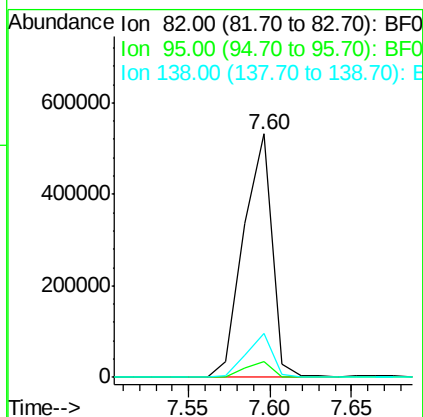
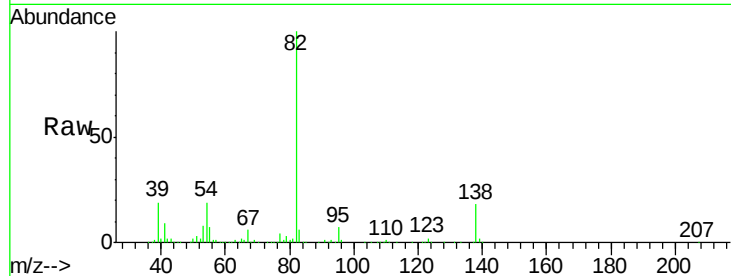
ClientSampleId :

PB90129BS

Tgt Ion:	82	Resp:	637487
Ion Ratio	Lower	Upper	
82	100		
95	6.7	5.1	7.7
138	18.0	12.4	18.6

Manual Integrations
APPROVED

sohil
5/2/2016 7:53:57 PM



#26

2-Nitrophenol

Concen: 30.48 ng

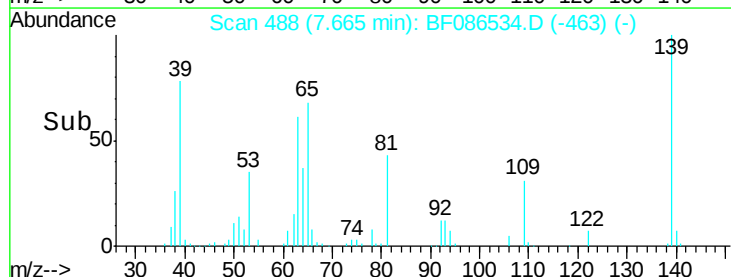
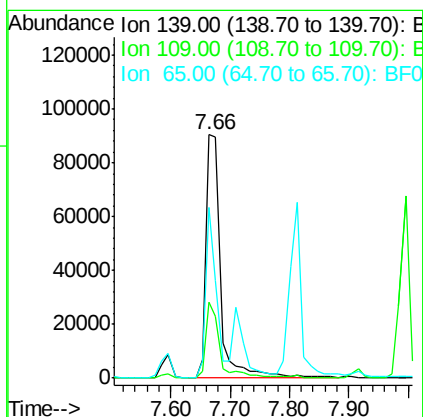
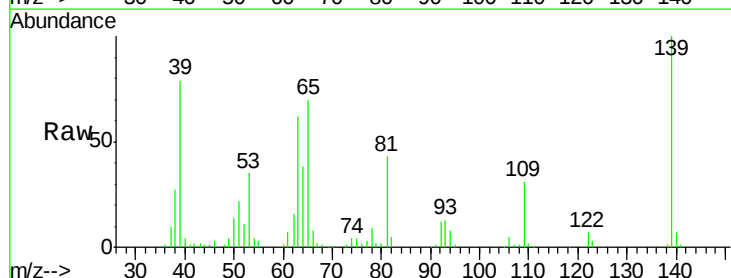
RT: 7.66 min Scan# 488

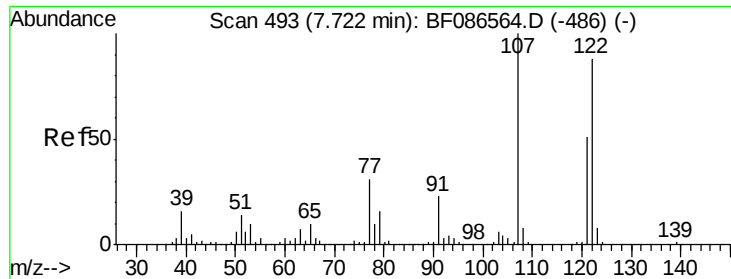
Delta R.T. -0.01 min

Lab File: BF086534.D

Acq: 30 Apr 2016 20:11

Tgt Ion:	139	Resp:	158275
Ion Ratio	Lower	Upper	
139	100		
109	31.2	19.5	29.3#
65	70.1	37.5	56.3#





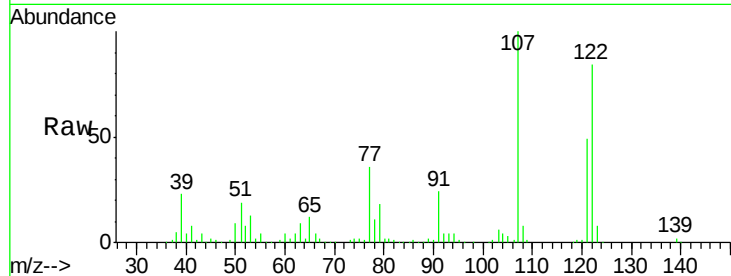
#27
2,4-Dimethylphenol
Concen: 30.48 ng
RT: 7.71 min Scan# 492
Delta R.T. -0.01 min
Lab File: BF086534.D
Acq: 30 Apr 2016 20:11

Instrument :
BNA_F
ClientSampleId :
PB90129BS

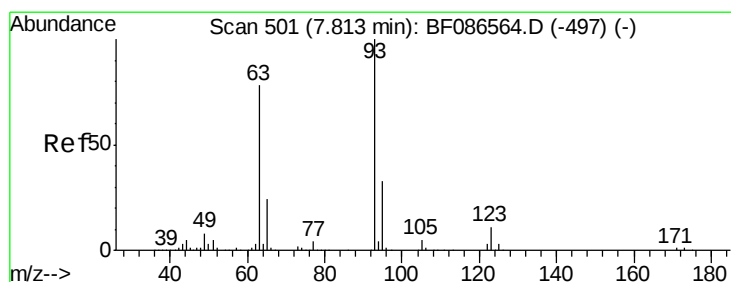
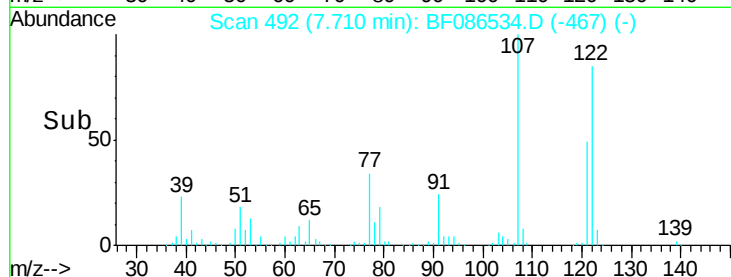
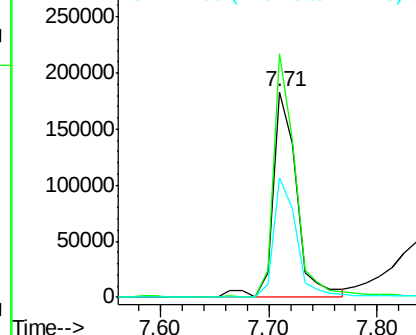
Tgt Ion	Ratio	Resp	Lower	Upper
122	100	277719		
107	118.5	82.0	123.0	
121	58.2	46.1	69.1	

Manual Integrations
APPROVED

sohil
5/2/2016 7:53:57 PM

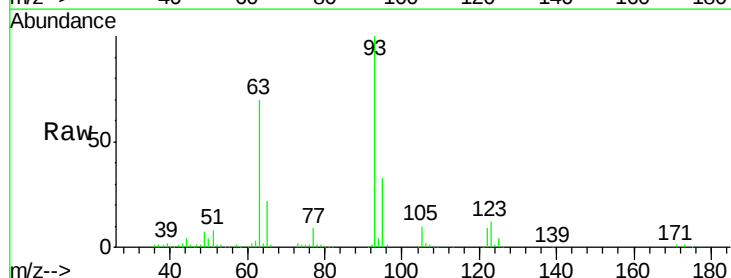


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E

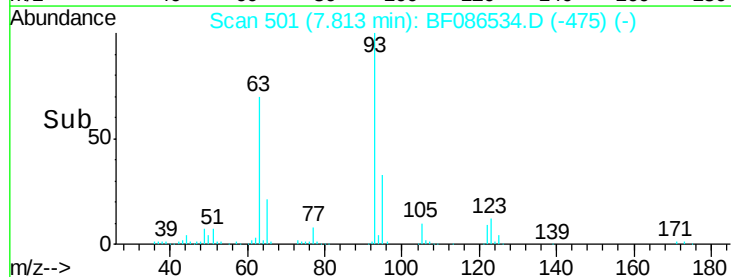
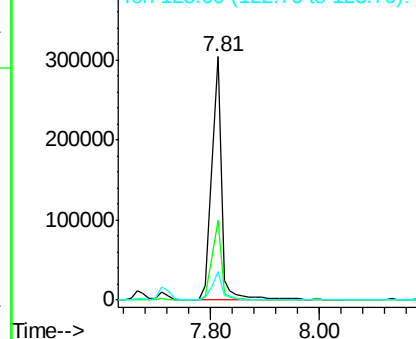


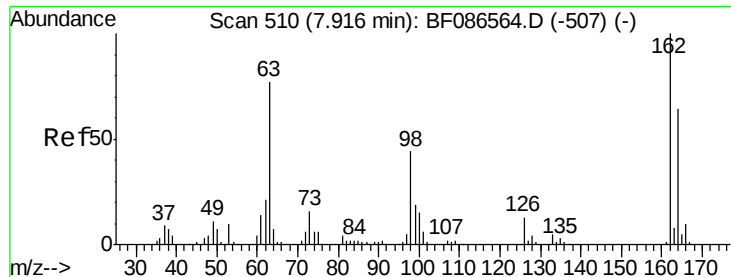
#28
bis(2-Chloroethoxy)methane
Concen: 32.97 ng
RT: 7.81 min Scan# 501
Delta R.T. 0.00 min
Lab File: BF086534.D
Acq: 30 Apr 2016 20:11

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	378998		
95	33.0	26.0	39.0	
123	11.8	9.5	14.3	



Abundance Ion 93.00 (92.70 to 93.70): BF0
Ion 95.00 (94.70 to 95.70): BF0
Ion 123.00 (122.70 to 123.70): E





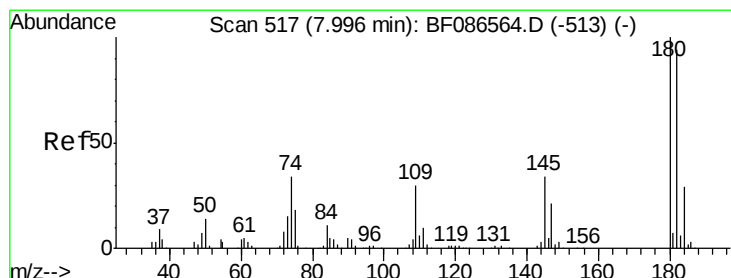
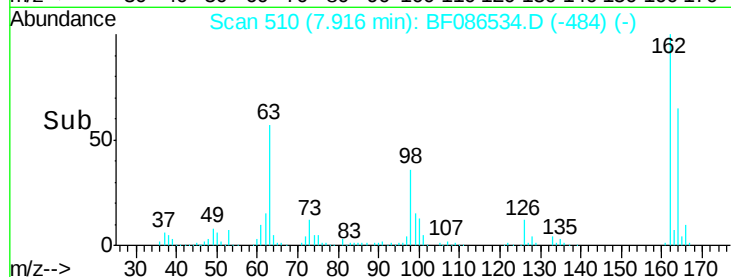
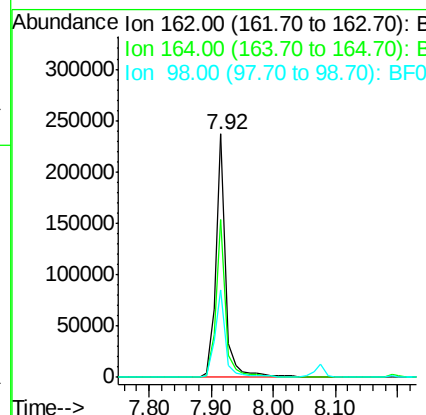
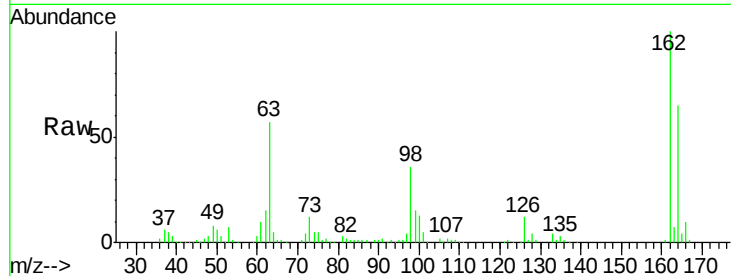
#29
2,4-Dichlorophenol
Concen: 33.98 ng
RT: 7.92 min Scan# 510
Delta R.T. 0.00 min
Lab File: BF086534.D
Acq: 30 Apr 2016 20:11

Instrument :
BNA_F
ClientSampleId :
PB90129BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
162	100		
164	64.9	42.2	82.2
98	36.1	19.0	59.0

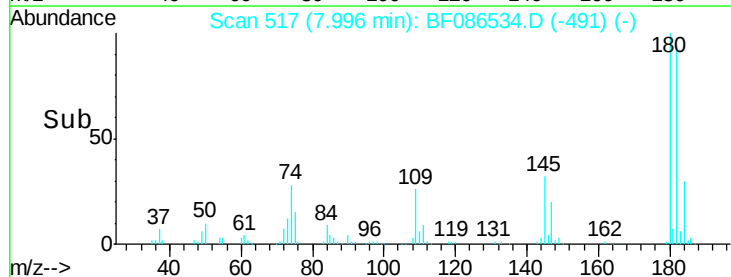
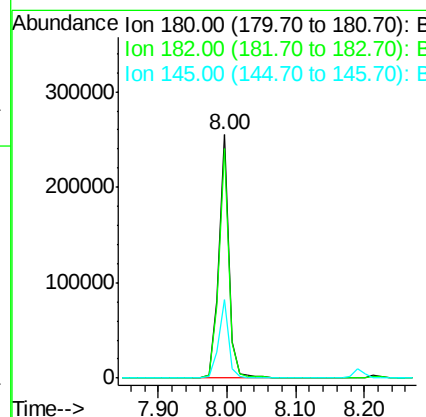
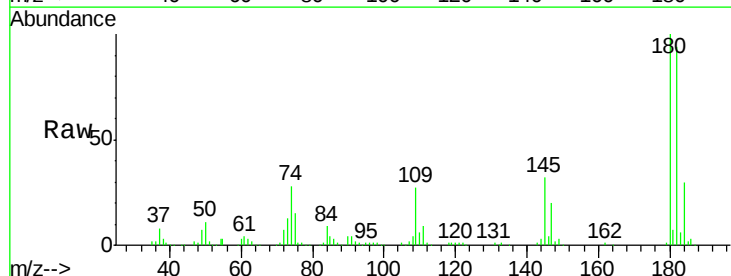
Manual Integrations
APPROVED

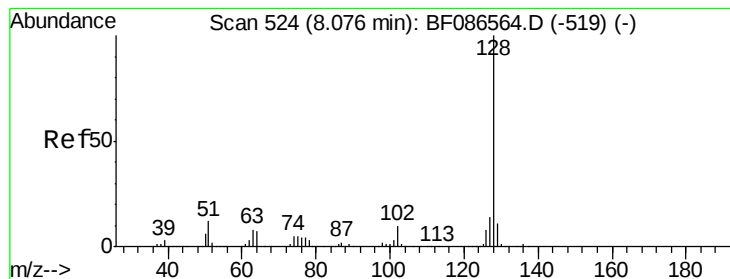
sohil
5/2/2016 7:53:57 PM



#30
1,2,4-Trichlorobenzene
Concen: 30.15 ng
RT: 8.00 min Scan# 517
Delta R.T. 0.00 min
Lab File: BF086534.D
Acq: 30 Apr 2016 20:11

Tgt Ion	Ratio	Resp Lower	Resp Upper
180	100		
182	94.4	78.0	117.0
145	32.1	24.2	36.2





#31

Naphthalene

Concen: 31.13 ng

RT: 8.08 min Scan# 524

Delta R.T. 0.00 min

Lab File: BF086534.D

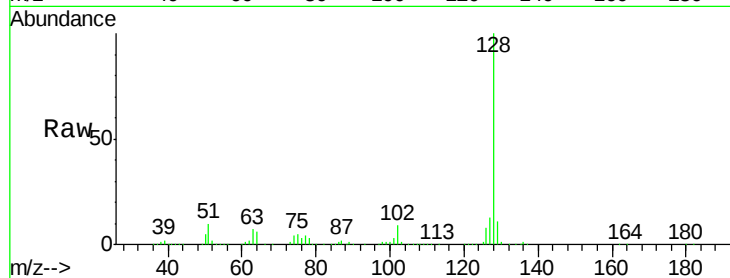
Acq: 30 Apr 2016 20:11

Instrument :

BNA_F

ClientSampleId :

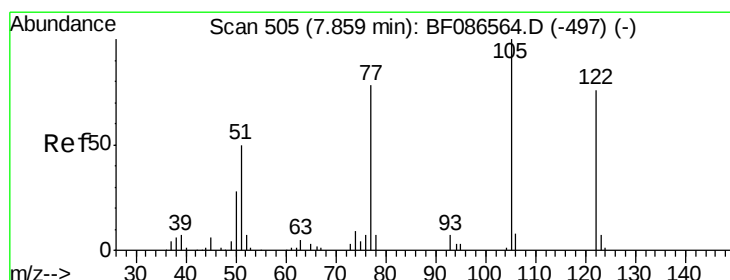
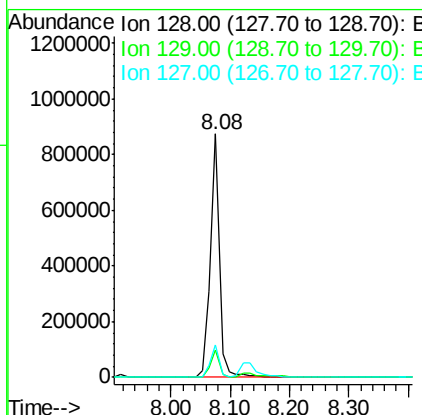
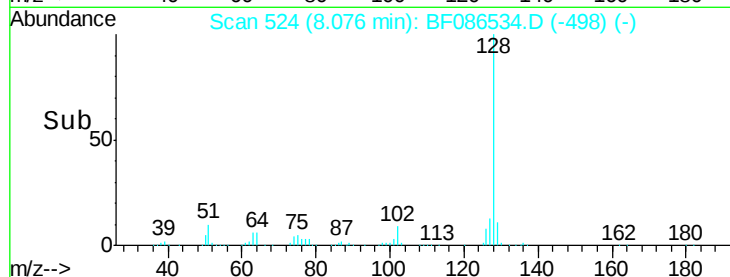
PB90129BS



Tgt Ion	Ratio	Resp	Lower	Upper
128	100			
129	11.1	8.6	13.0	
127	13.4	10.8	16.2	

Manual Integrations
APPROVED

sohil
5/2/2016 7:53:57 PM



#32

Benzoic acid

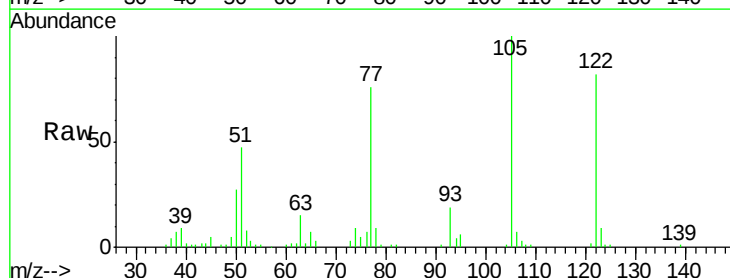
Concen: 27.64 ng

RT: 7.84 min Scan# 503

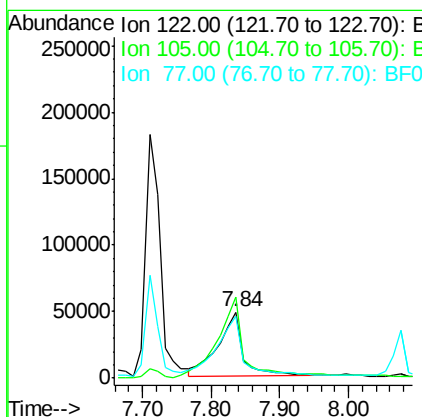
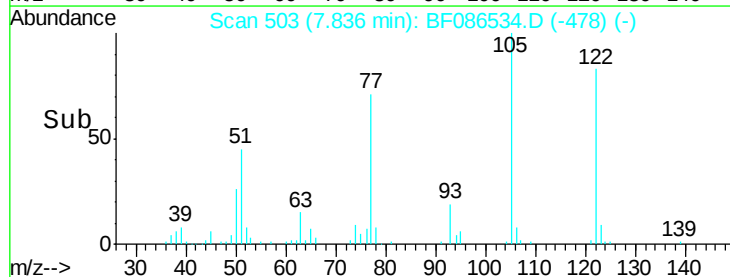
Delta R.T. -0.01 min

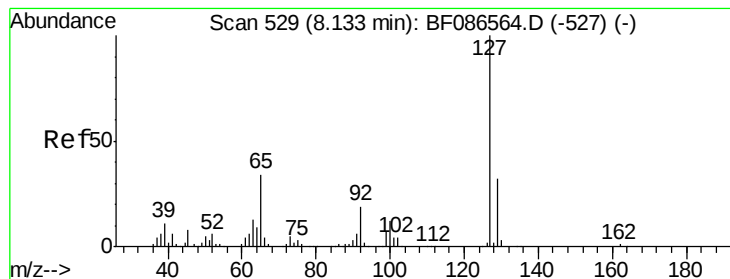
Lab File: BF086534.D

Acq: 30 Apr 2016 20:11



Tgt Ion	Ratio	Resp	Lower	Upper
122	100			
105	122.0	92.6	132.6	
77	92.6	60.0	100.0	





#33

4-Chloroaniline

Concen: 10.05 ng

RT: 8.13 min Scan# 529

Delta R.T. 0.00 min

Lab File: BF086534.D

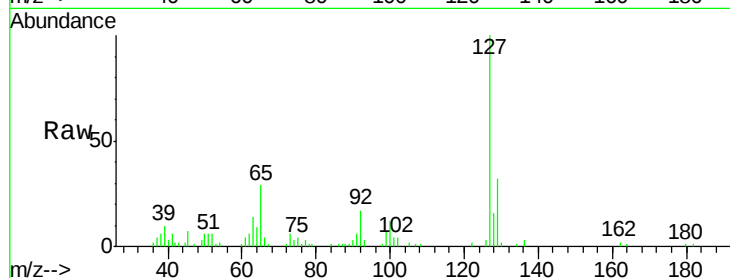
Acq: 30 Apr 2016 20:11

Instrument :

BNA_F

ClientSampleId :

PB90129BS



Tgt Ion:127 Resp: 113219

Ion Ratio Lower Upper

127 100

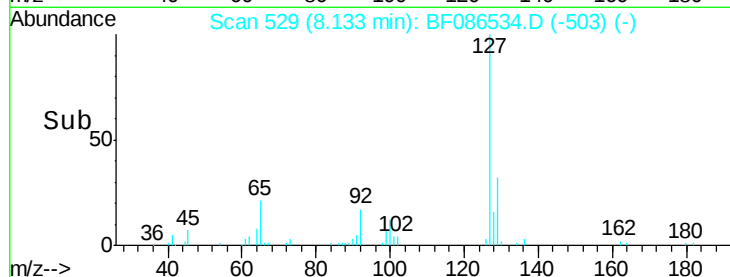
129 32.4 26.2 39.4

65 29.2 23.0 34.4

92 17.4 15.1 22.7

Manual Integrations
APPROVED

sohil
5/2/2016 7:53:57 PM

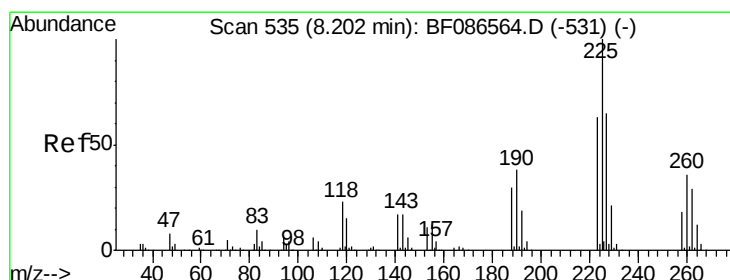
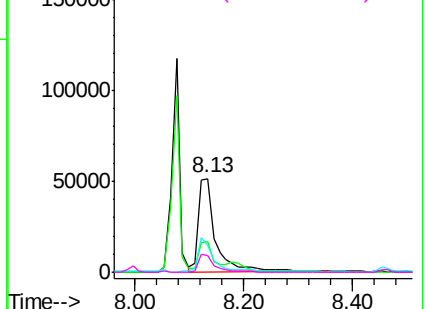


Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF0

Ion 92.00 (91.70 to 92.70): BF0



#34

Hexachlorobutadiene

Concen: 28.05 ng

RT: 8.19 min Scan# 534

Delta R.T. -0.01 min

Lab File: BF086534.D

Acq: 30 Apr 2016 20:11

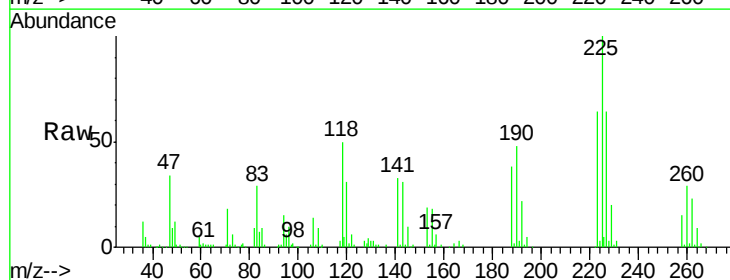
Tgt Ion:225 Resp: 140246

Ion Ratio Lower Upper

225 100

223 64.3 51.5 77.3

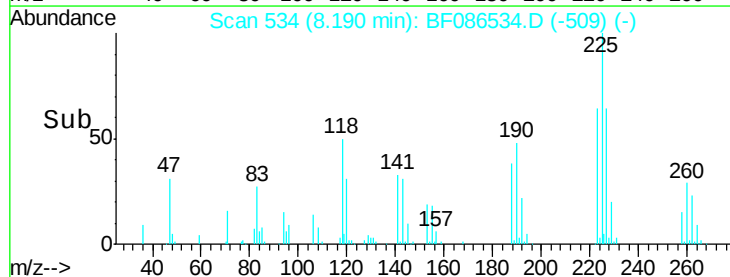
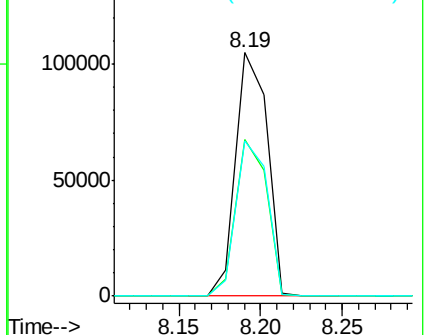
227 63.7 52.2 78.2

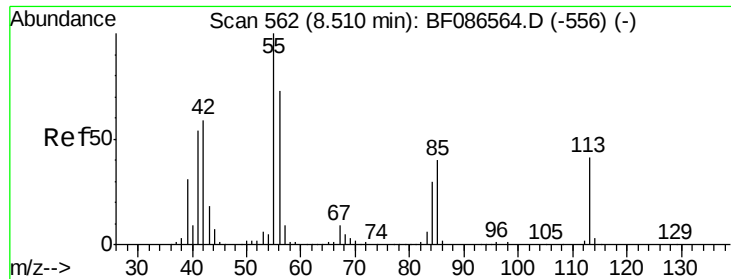


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





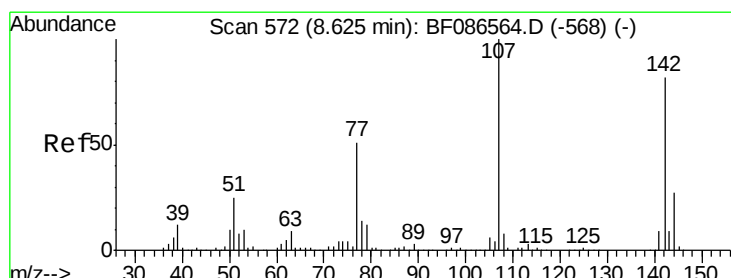
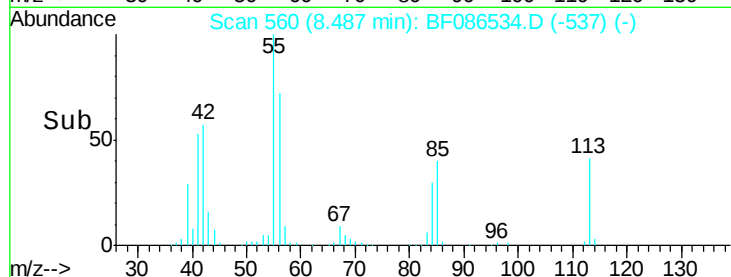
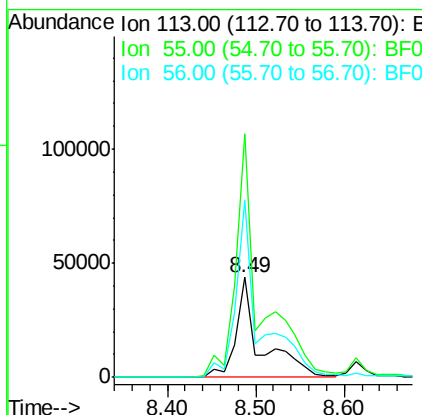
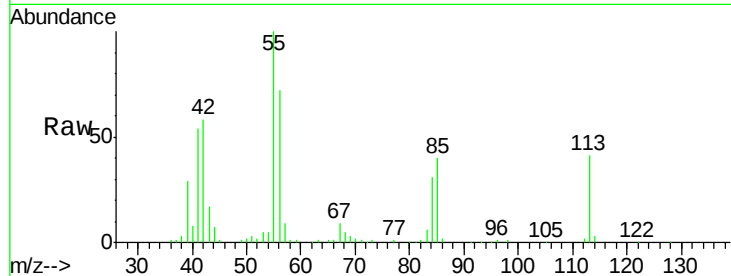
#35
 Caprolactam
 Concen: 32.94 ng m
 RT: 8.49 min Scan# 560
 Delta R.T. -0.03 min
 Lab File: BF086534.D
 Acq: 30 Apr 2016 20:11

Instrument :
 BNA_F
 ClientSampleId :
 PB90129BS

Tgt Ion:113 Resp: 84478
 Ion Ratio Lower Upper
 113 100
 55 243.7 162.0 202.0#
 56 176.6 115.3 155.3#

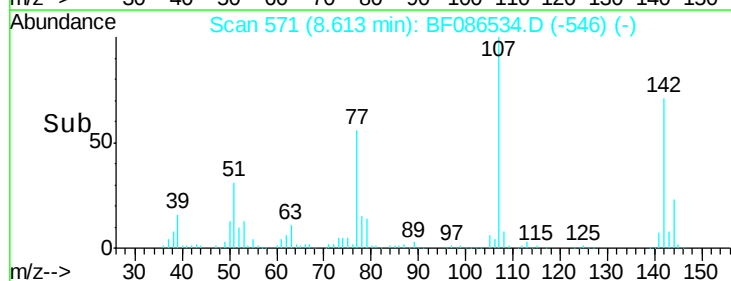
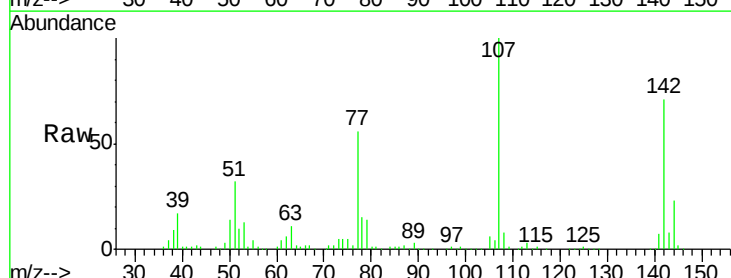
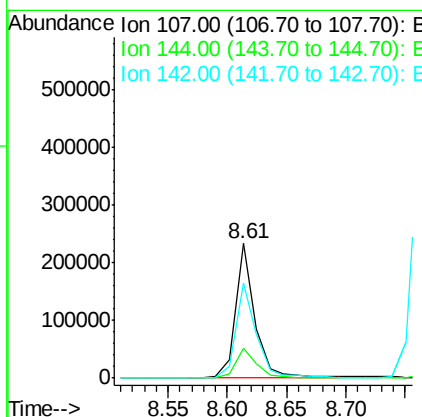
Manual Integrations
 APPROVED

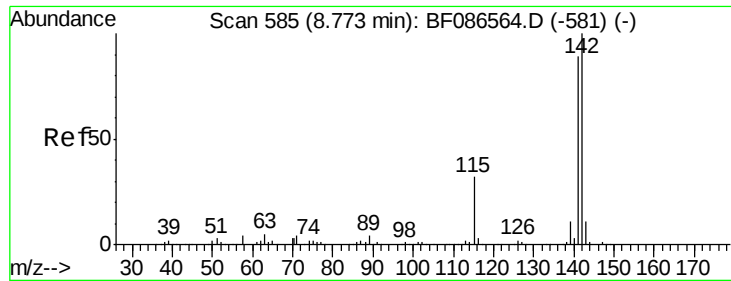
sohil
 5/2/2016 7:53:57 PM



#36
 4-Chloro-3-methylphenol
 Concen: 30.53 ng
 RT: 8.61 min Scan# 571
 Delta R.T. -0.01 min
 Lab File: BF086534.D
 Acq: 30 Apr 2016 20:11

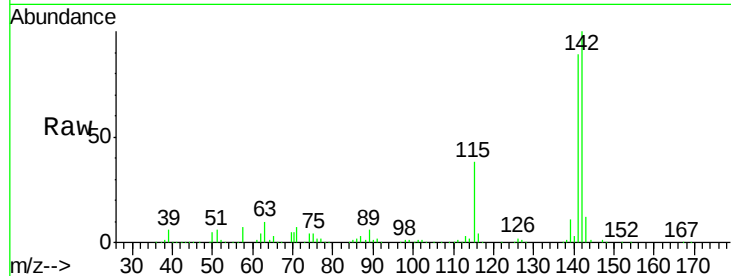
Tgt Ion:107 Resp: 268734
 Ion Ratio Lower Upper
 107 100
 144 22.5 20.7 31.1
 142 70.7 63.2 94.8





#37
 2-Methylnaphthalene
 Concen: 31.83 ng
 RT: 8.76 min Scan# 584
 Delta R.T. -0.01 min
 Lab File: BF086534.D
 Acq: 30 Apr 2016 20:11

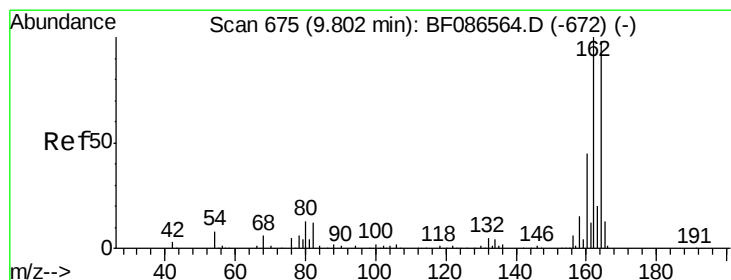
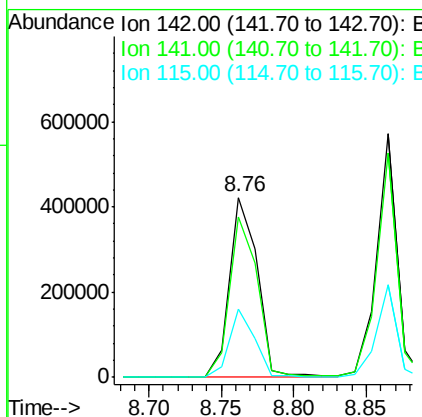
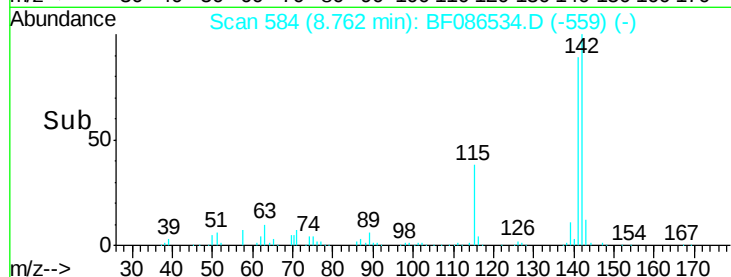
Instrument :
 BNA_F
 ClientSampleId :
 PB90129BS



Tgt Ion:	142	Resp:	564792
Ion Ratio	Lower	Upper	
142	100		
141	89.2	71.0	106.6
115	37.7	26.6	39.8

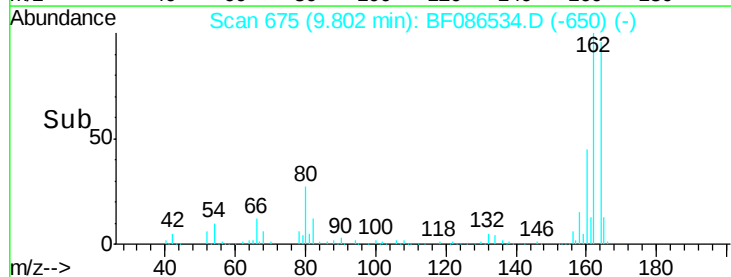
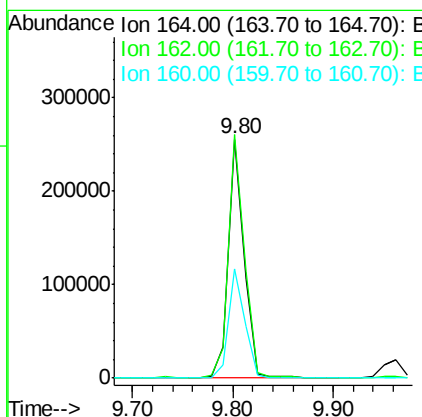
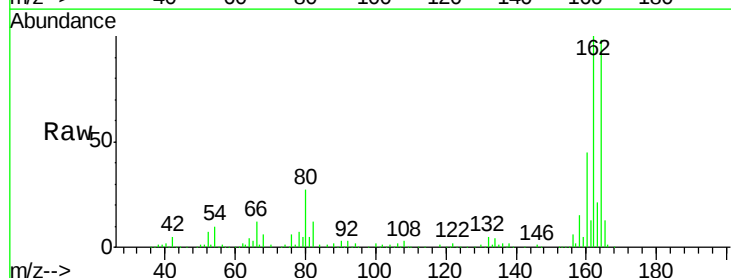
Manual Integrations
 APPROVED

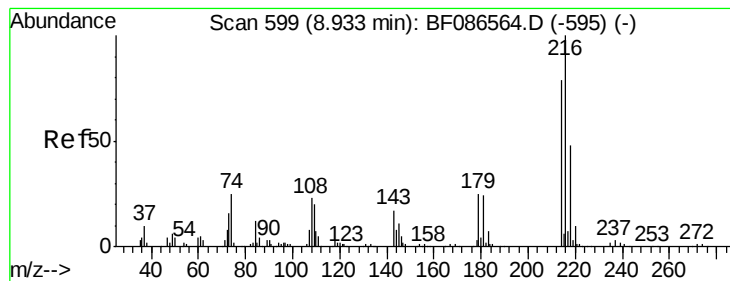
sohil
 5/2/2016 7:53:57 PM



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.80 min Scan# 675
 Delta R.T. -0.01 min
 Lab File: BF086534.D
 Acq: 30 Apr 2016 20:11

Tgt Ion:	164	Resp:	280234
Ion Ratio	Lower	Upper	
164	100		
162	101.9	82.8	124.2
160	45.7	36.9	55.3





#39

1,2,4,5-Tetrachlorobenzene

Concen: 30.71 ng

RT: 8.93 min Scan# 599

Delta R.T. 0.00 min

Lab File: BF086534.D

Acq: 30 Apr 2016 20:11

Instrument :

BNA_F

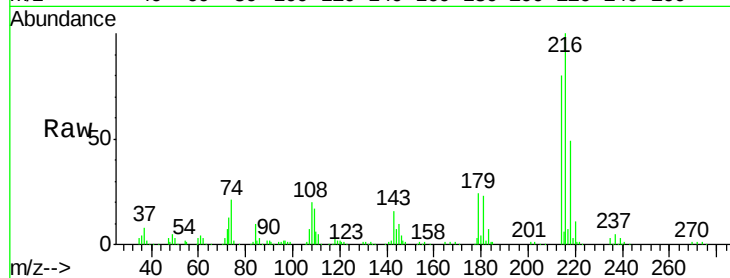
ClientSampleId :

PB90129BS

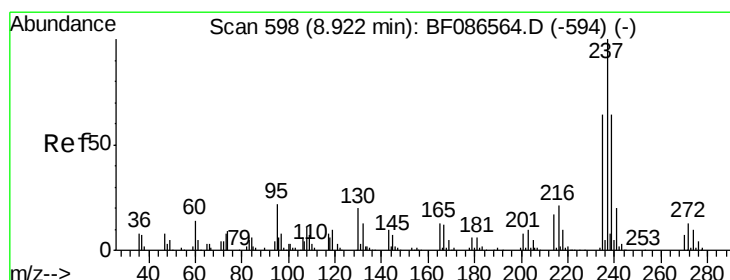
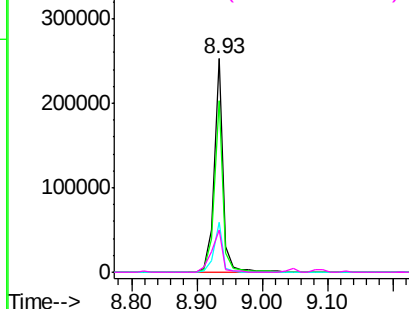
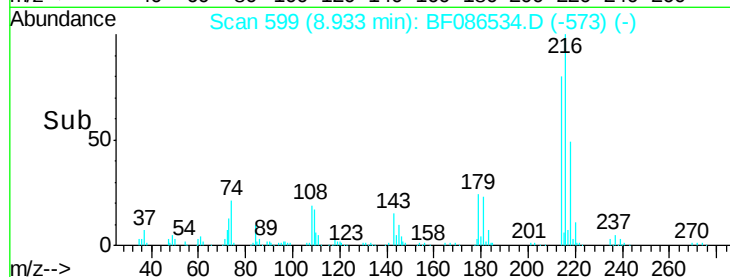
Manual Integrations
APPROVED

sohil
5/2/2016 7:53:57 PM

Tgt Ion	Ratio	Resp	Lower	Upper
216	100	246324		
214	79.5	62.6	93.8	
179	23.1	18.2	27.4	
108	25.2	17.5	26.3	



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



#40

Hexachlorocyclopentadiene

Concen: 61.52 ng

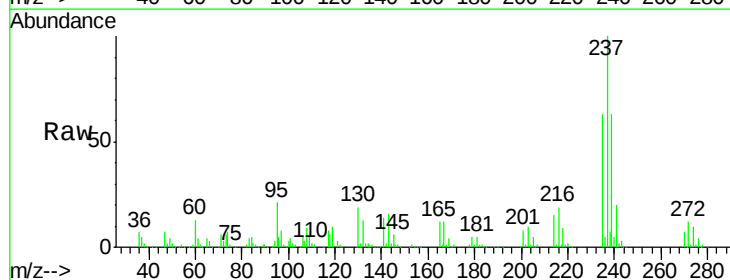
RT: 8.92 min Scan# 598

Delta R.T. 0.00 min

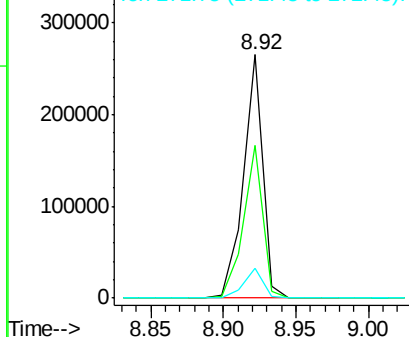
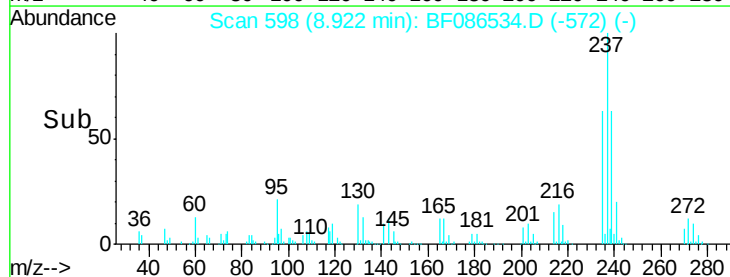
Lab File: BF086534.D

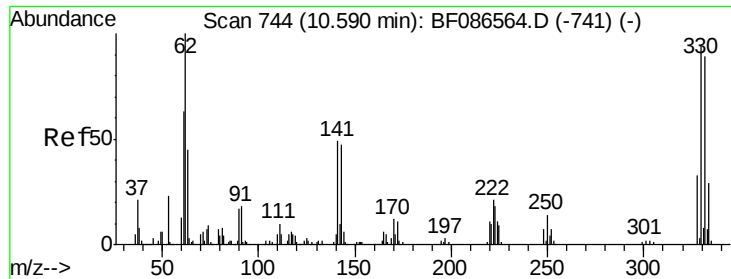
Acq: 30 Apr 2016 20:11

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	245230		
235	63.0	47.2	87.2	
272	12.4	0.0	31.1	



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





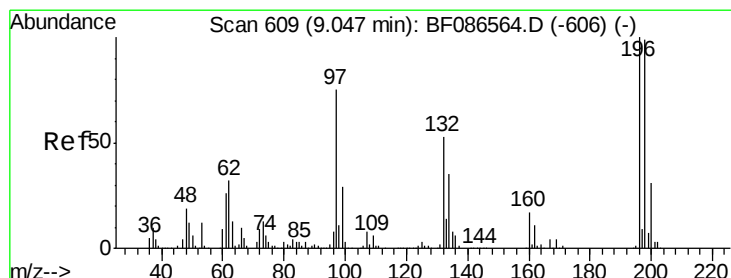
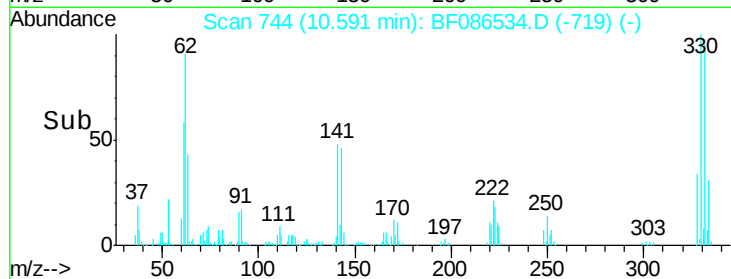
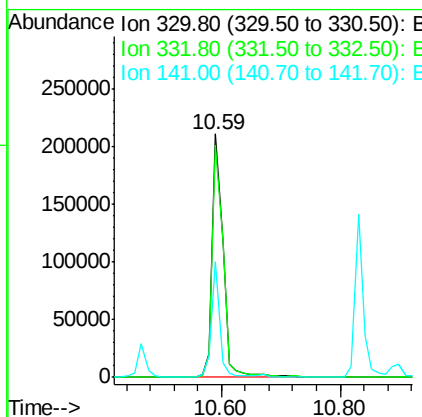
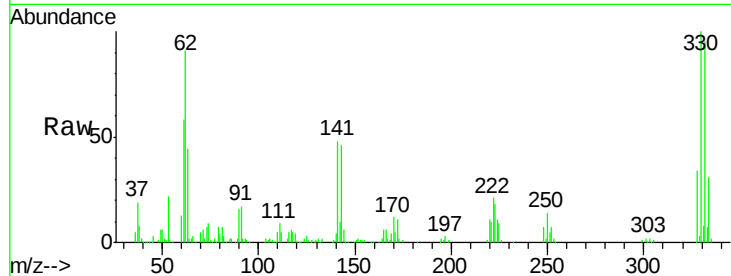
#41
 2,4,6-Tribromophenol
 Concen: 90.90 ng
 RT: 10.59 min Scan# 744
 Delta R.T. -0.01 min
 Lab File: BF086534.D
 Acq: 30 Apr 2016 20:11

Instrument :
 BNA_F
 ClientSampleId :
 PB90129BS

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	268628		
332	97.2	79.0	118.4	
141	35.6	31.2	46.8	

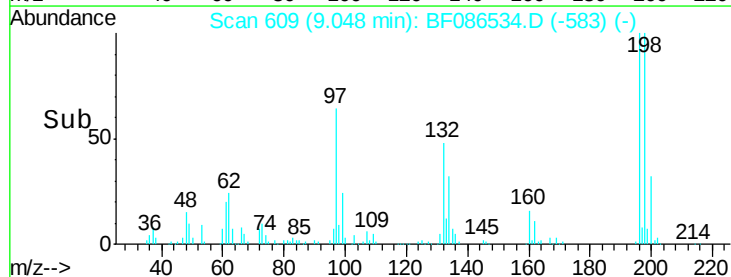
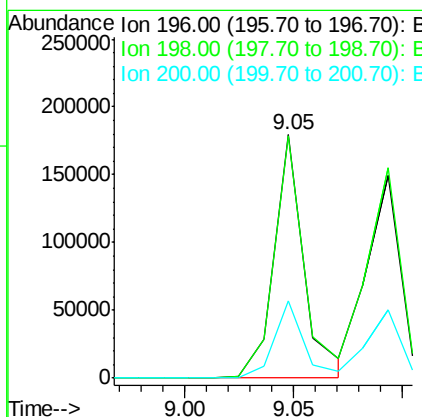
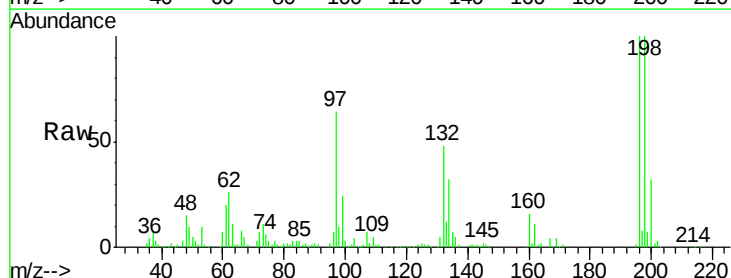
Manual Integrations
 APPROVED

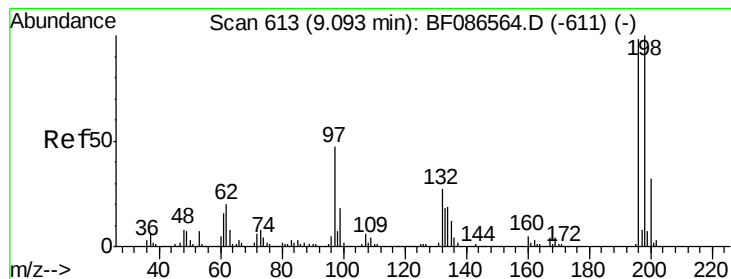
sohil
 5/2/2016 7:53:57 PM



#42
 2,4,6-Trichlorophenol
 Concen: 34.30 ng
 RT: 9.05 min Scan# 609
 Delta R.T. 0.00 min
 Lab File: BF086534.D
 Acq: 30 Apr 2016 20:11

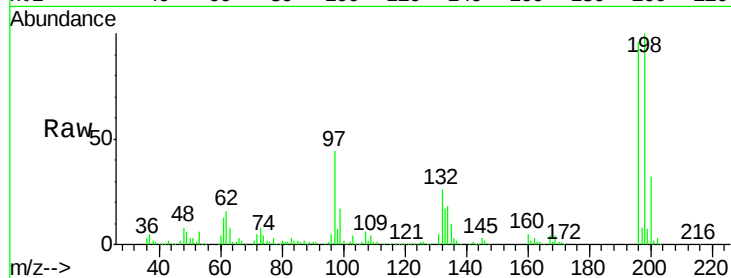
Tgt Ion	Ratio	Resp	Lower	Upper
196	100	173915		
198	99.6	74.7	112.1	
200	31.5	23.8	35.6	





#43
 2,4,5-Trichlorophenol
 Concen: 31.32 ng
 RT: 9.09 min Scan# 613
 Delta R.T. 0.00 min
 Lab File: BF086534.D
 Acq: 30 Apr 2016 20:11

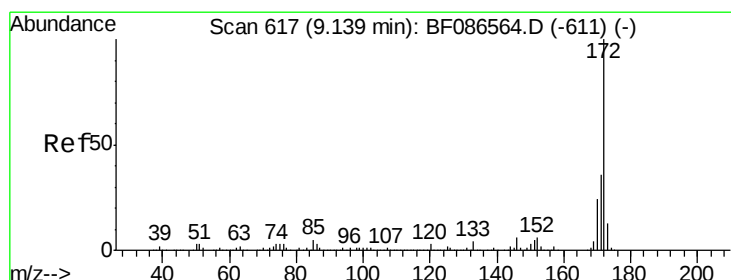
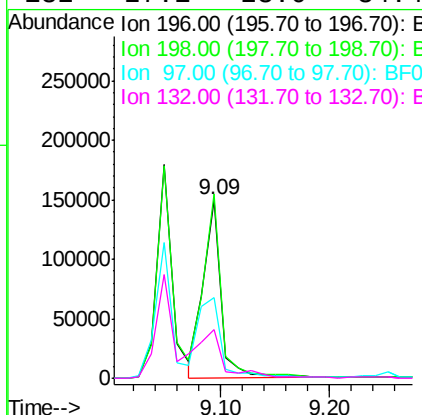
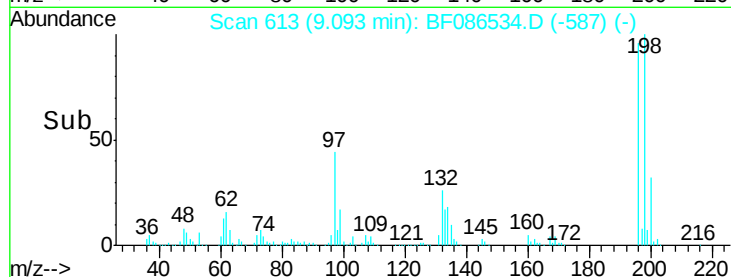
Instrument :
 BNA_F
 ClientSampleId :
 PB90129BS



Tgt Ion:	196	Resp:	173068
Ion Ratio	Lower	Upper	
196	100		
198	103.8	77.5	116.3
97	45.2	34.8	52.2
132	27.1	23.0	34.4

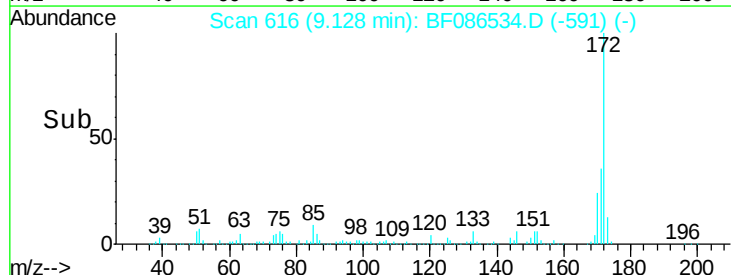
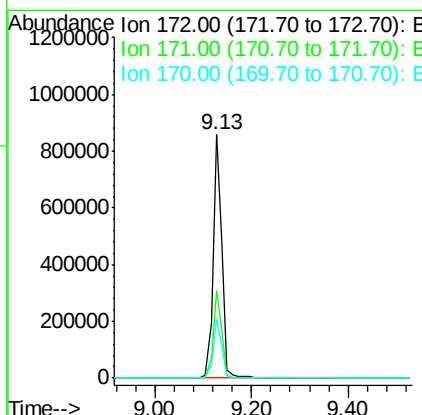
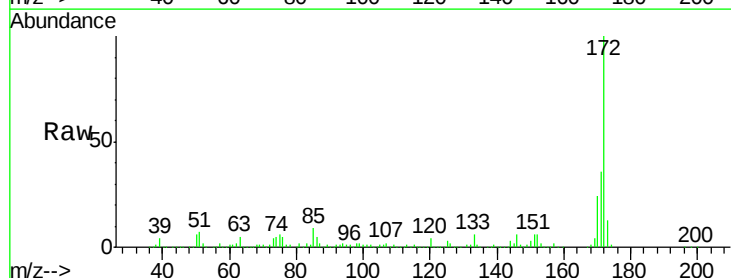
Manual Integrations
 APPROVED

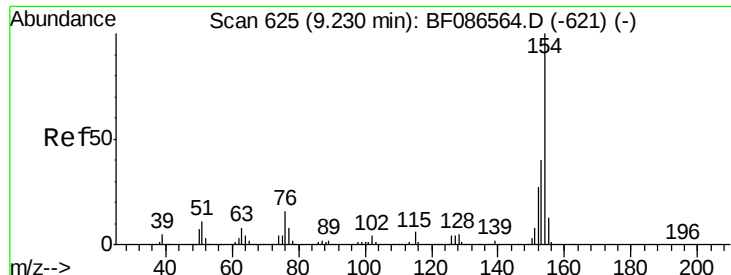
sohil
 5/2/2016 7:53:57 PM



#44
 2-Fluorobiphenyl
 Concen: 65.55 ng
 RT: 9.13 min Scan# 616
 Delta R.T. -0.01 min
 Lab File: BF086534.D
 Acq: 30 Apr 2016 20:11

Tgt Ion:	172	Resp:	1107657
Ion Ratio	Lower	Upper	
172	100		
171	36.1	29.0	43.6
170	24.3	19.8	29.8





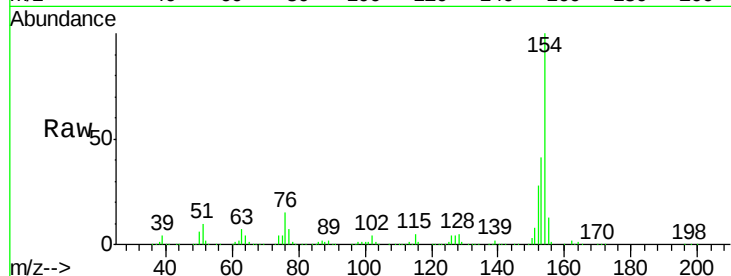
#45
 1,1'-Biphenyl
 Concen: 31.12 ng
 RT: 9.23 min Scan# 625
 Delta R.T. -0.01 min
 Lab File: BF086534.D
 Acq: 30 Apr 2016 20:11

Instrument :
 BNA_F
 ClientSampleId :
 PB90129BS

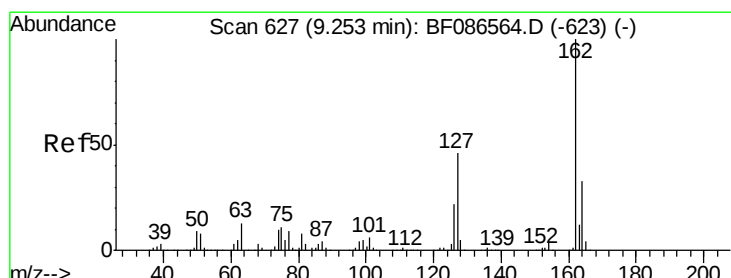
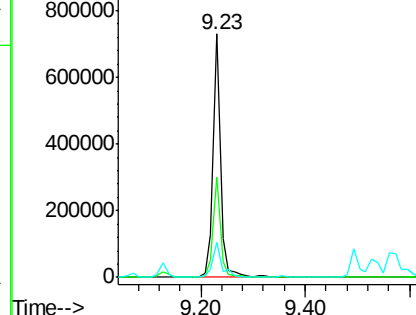
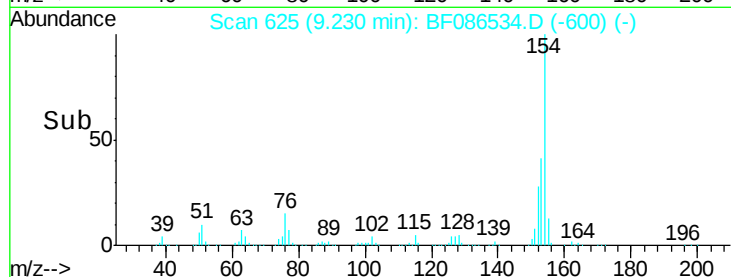
Tgt Ion:	154	Resp:	729049
Ion Ratio	Lower	Upper	
154	100		
153	40.9	20.3	60.3
76	14.6	0.0	30.2

Manual Integrations
 APPROVED

sohil
 5/2/2016 7:53:57 PM

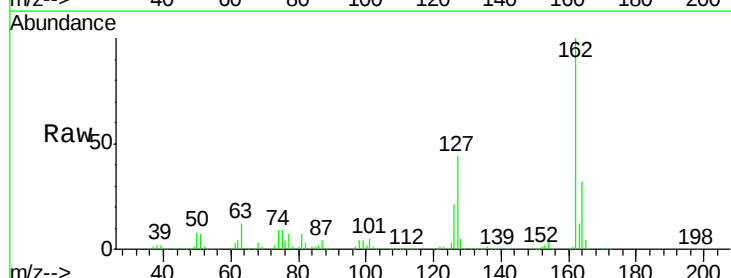


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

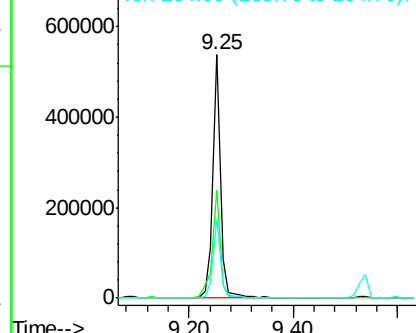
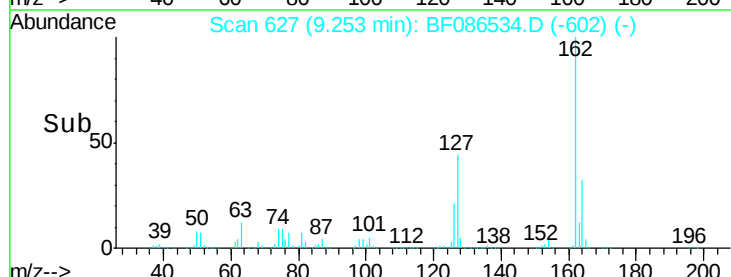


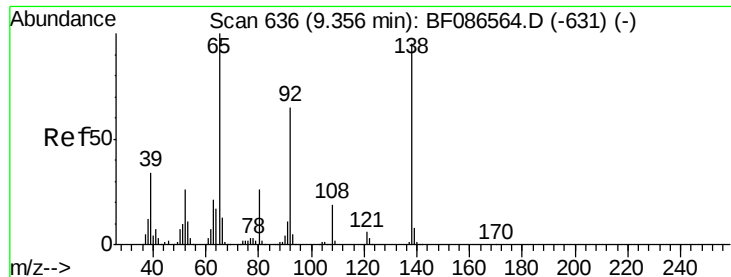
#46
 2-Chloronaphthalene
 Concen: 30.76 ng
 RT: 9.25 min Scan# 627
 Delta R.T. -0.01 min
 Lab File: BF086534.D
 Acq: 30 Apr 2016 20:11

Tgt Ion:	162	Resp:	547913
Ion Ratio	Lower	Upper	
162	100		
127	44.3	31.8	47.6
164	32.5	27.0	40.6



Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E





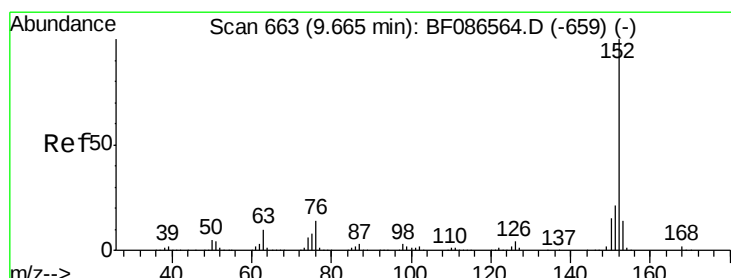
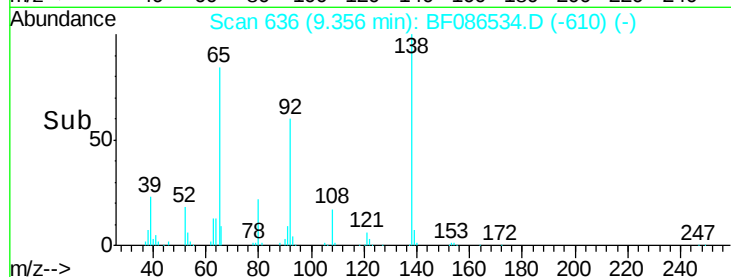
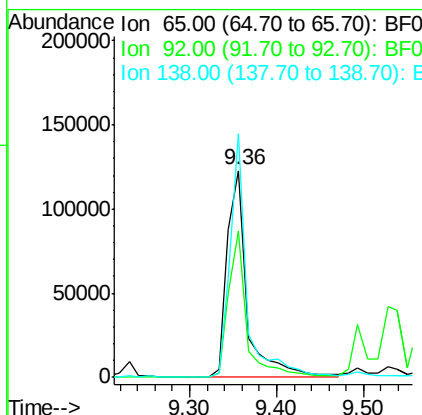
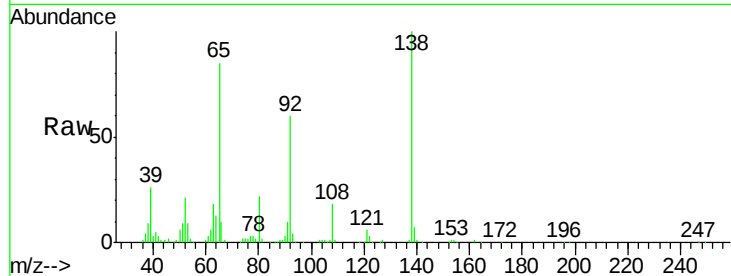
#47
2-Nitroaniline
Concen: 34.70 ng
RT: 9.36 min Scan# 636
Delta R.T. 0.00 min
Lab File: BF086534.D
Acq: 30 Apr 2016 20:11

Instrument :
BNA_F
ClientSampleId :
PB90129BS

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	198169		
92	70.5	57.4	86.2	
138	117.6	90.1	135.1	

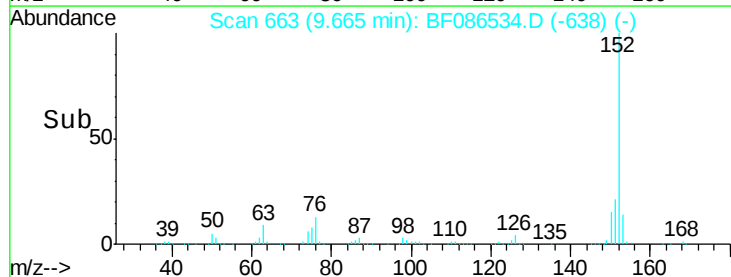
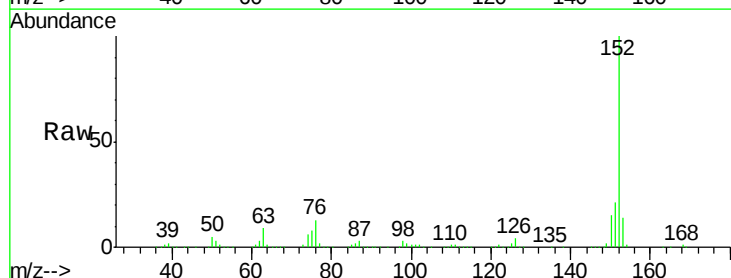
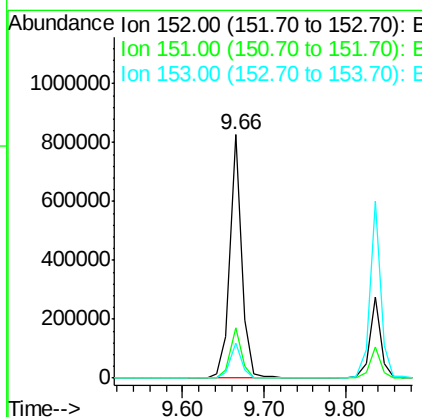
Manual Integrations
APPROVED

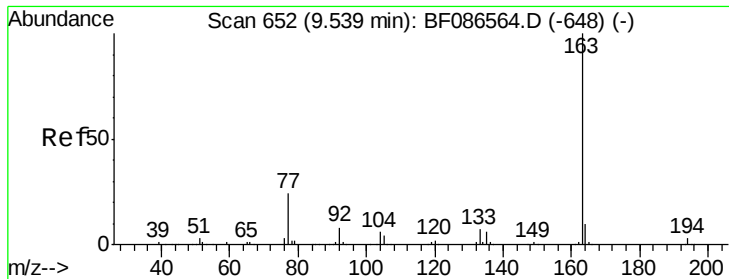
sohil
5/2/2016 7:53:57 PM



#48
Acenaphthylene
Concen: 29.85 ng
RT: 9.66 min Scan# 663
Delta R.T. -0.01 min
Lab File: BF086534.D
Acq: 30 Apr 2016 20:11

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	830968		
151	20.8	16.8	25.2	
153	14.4	10.9	16.3	





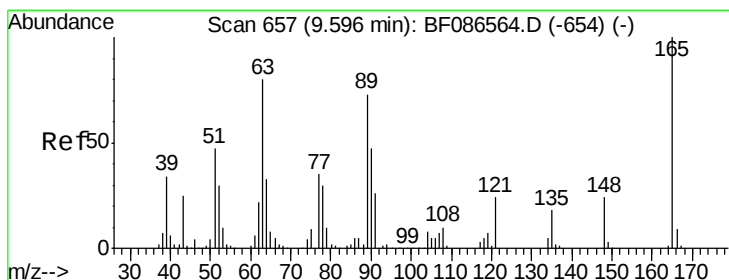
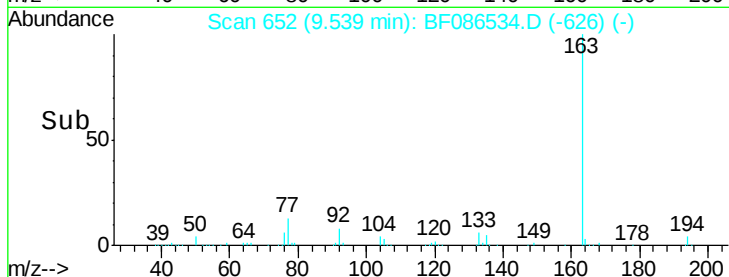
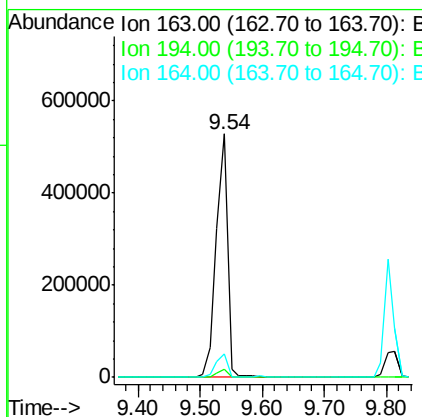
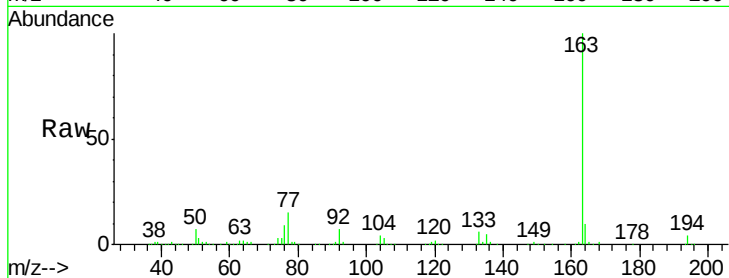
#49
Dimethylphthalate
Concen: 31.25 ng
RT: 9.54 min Scan# 652
Delta R.T. 0.00 min
Lab File: BF086534.D
Acq: 30 Apr 2016 20:11

Instrument :
BNA_F
ClientSampleId :
PB90129BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
163	100		
194	3.6	2.6	4.0
164	9.6	8.2	12.4

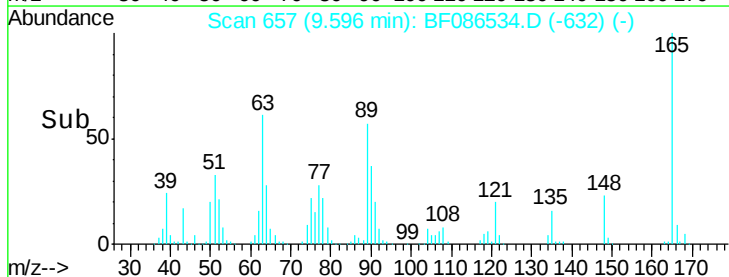
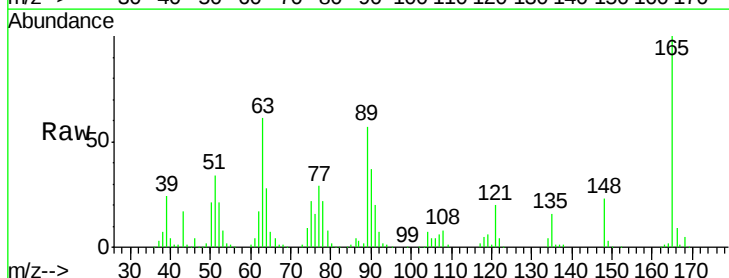
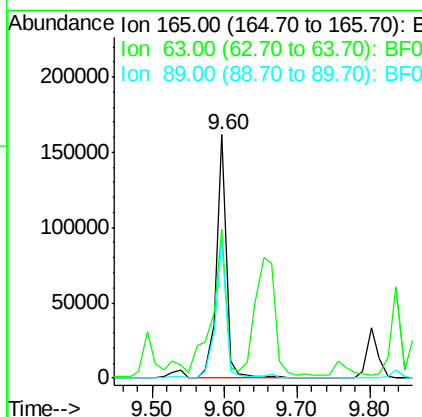
Manual Integrations
APPROVED

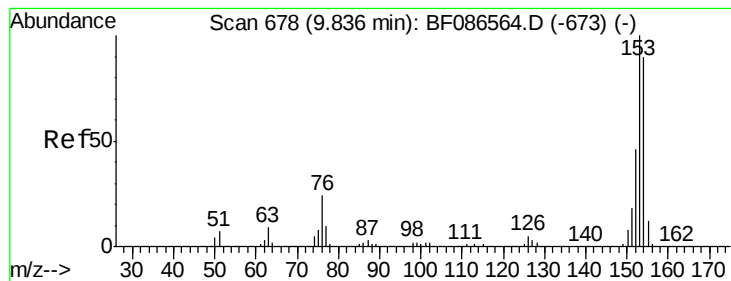
sohil
5/2/2016 7:53:57 PM



#50
2,6-Dinitrotoluene
Concen: 35.37 ng
RT: 9.60 min Scan# 657
Delta R.T. -0.01 min
Lab File: BF086534.D
Acq: 30 Apr 2016 20:11

Tgt Ion	Ratio	Resp Lower	Resp Upper
165	100		
63	61.4	51.8	77.8
89	56.6	50.7	76.1





#51

Acenaphthene

Concen: 33.48 ng

RT: 9.84 min Scan# 678

Delta R.T. -0.01 min

Lab File: BF086534.D

Acq: 30 Apr 2016 20:11

Instrument :

BNA_F

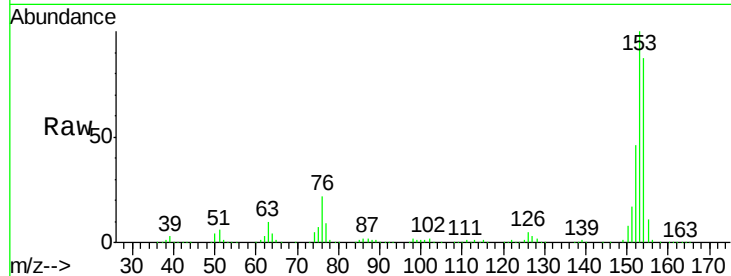
ClientSampleId :

PB90129BS

Tgt Ion:	154	Resp:	598731
Ion Ratio	Lower	Upper	
154	100		
153	115.1	89.8	134.6
152	52.9	43.4	65.0

Manual Integrations
APPROVED

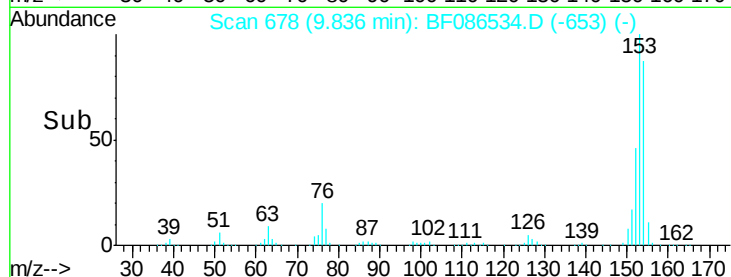
sohil
5/2/2016 7:53:57 PM



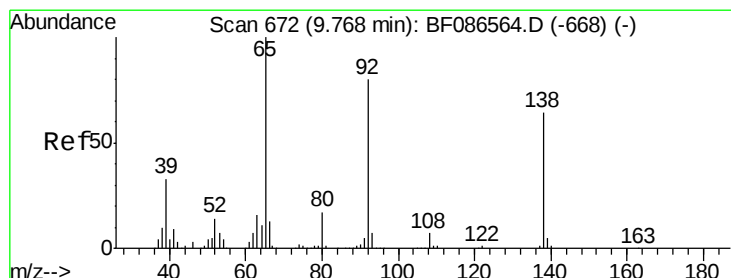
Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



Time-->



#52

3-Nitroaniline

Concen: 15.00 ng

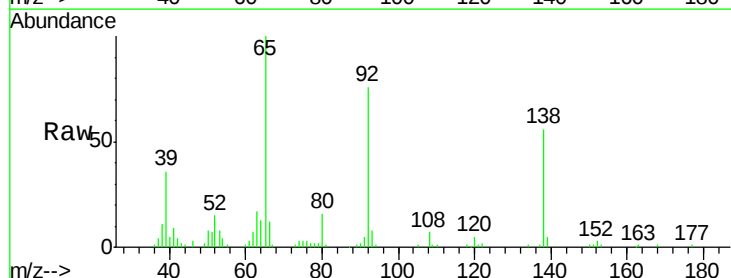
RT: 9.76 min Scan# 671

Delta R.T. -0.01 min

Lab File: BF086534.D

Acq: 30 Apr 2016 20:11

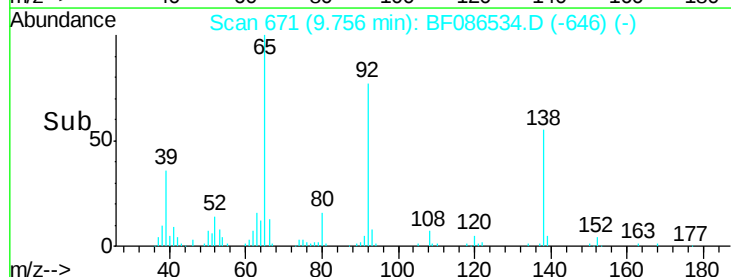
Tgt Ion:	138	Resp:	74374
Ion Ratio	Lower	Upper	
138	100		
108	11.7	7.8	11.6#
92	137.0	87.8	131.8#



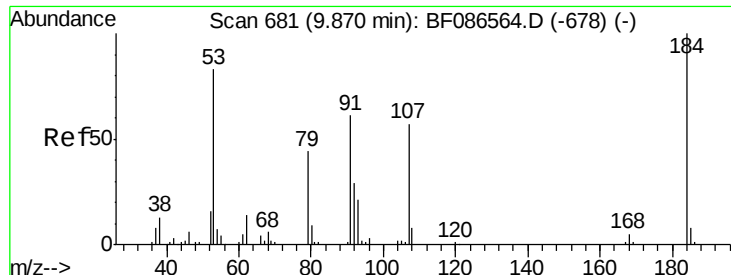
Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

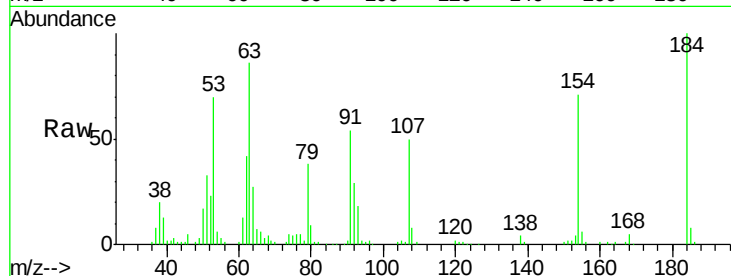


Time-->



#53
 2,4-Dinitrophenol
 Concen: 59.04 ng
 RT: 9.87 min Scan# 681
 Delta R.T. 0.00 min
 Lab File: BF086534.D
 Acq: 30 Apr 2016 20:11

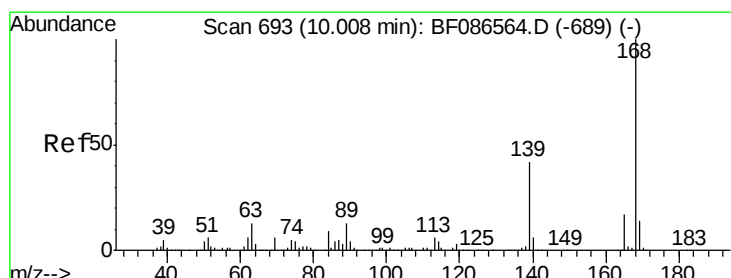
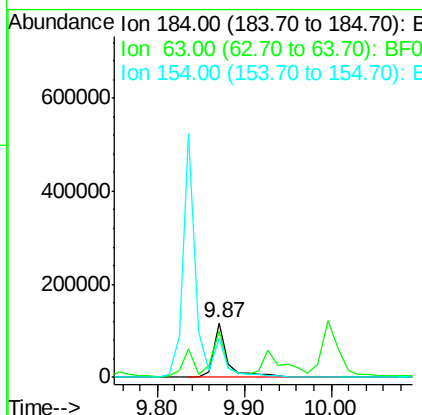
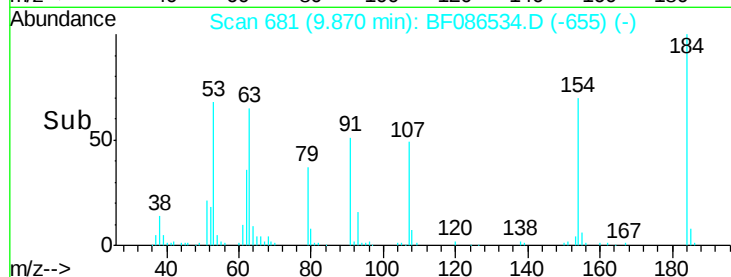
Instrument :
 BNA_F
 ClientSampleId :
 PB90129BS



Tgt Ion	Ratio	Resp	Lower	Upper
184	100	135275		
63	85.6	55.8	83.8	
154	70.8	62.4	93.6	

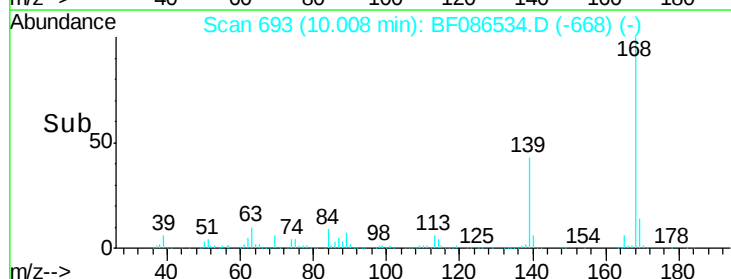
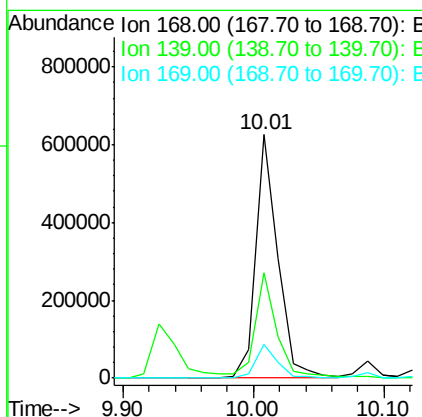
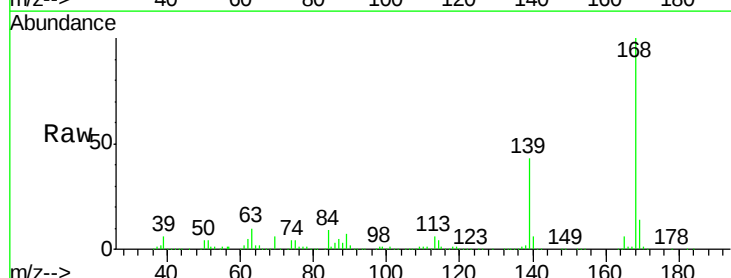
Manual Integrations
 APPROVED

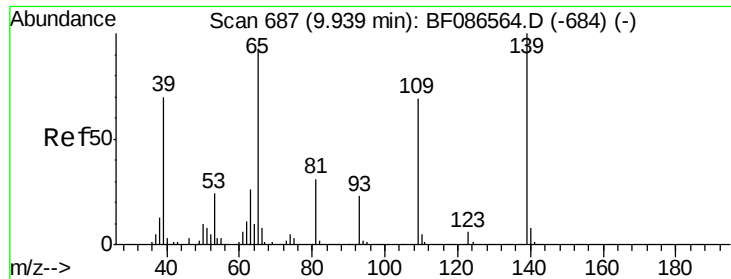
sohil
 5/2/2016 7:53:57 PM



#54
 Dibenzofuran
 Concen: 33.17 ng
 RT: 10.01 min Scan# 693
 Delta R.T. -0.01 min
 Lab File: BF086534.D
 Acq: 30 Apr 2016 20:11

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	741328		
139	43.1	31.4	47.0	
169	13.8	10.7	16.1	





#55

4-Nitrophenol

Concen: 59.80 ng

RT: 9.93 min Scan# 686

Delta R.T. -0.01 min

Lab File: BF086534.D

Acq: 30 Apr 2016 20:11

Instrument :

BNA_F

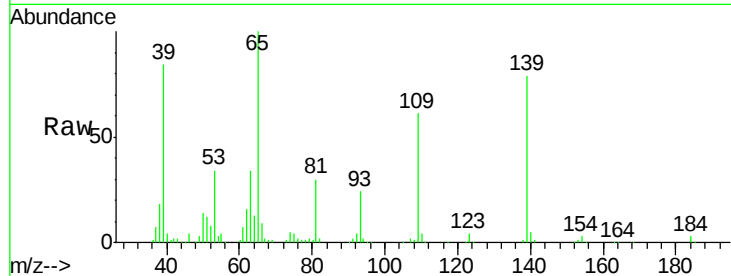
ClientSampleId :

PB90129BS

Tgt Ion:	139	Resp:	194089
Ion Ratio	Lower	Upper	
139	100		
109	76.9	36.9	76.9#
65	126.5	64.0	104.0#

Manual Integrations
APPROVED

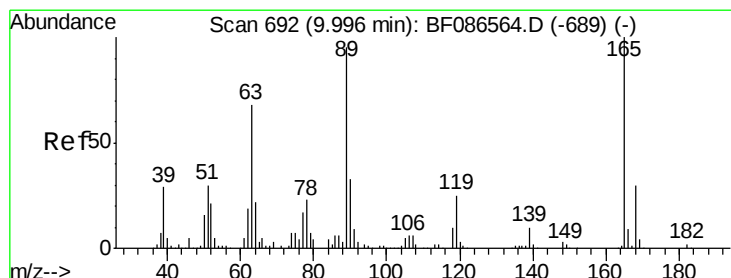
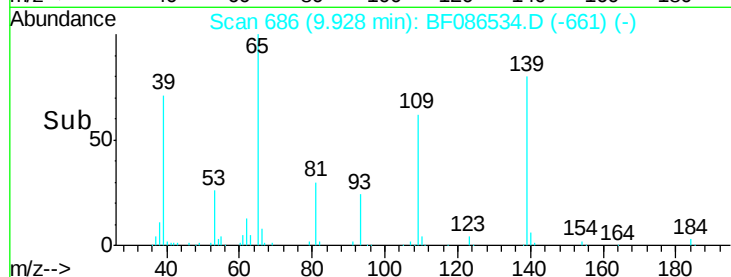
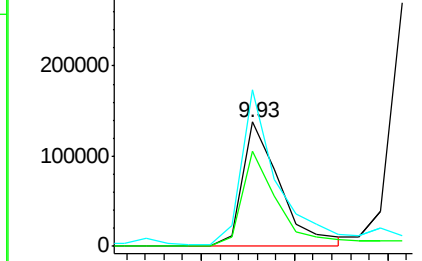
sohil
5/2/2016 7:53:57 PM



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: 34.14 ng

RT: 10.00 min Scan# 692

Delta R.T. -0.01 min

Lab File: BF086534.D

Acq: 30 Apr 2016 20:11

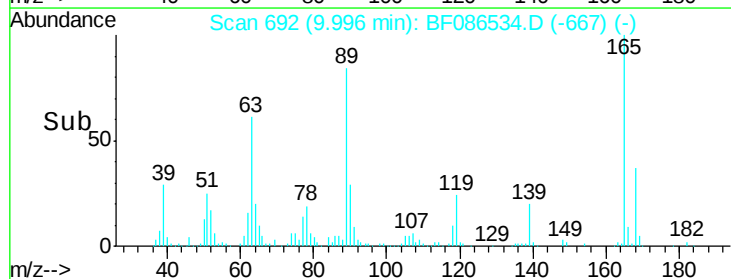
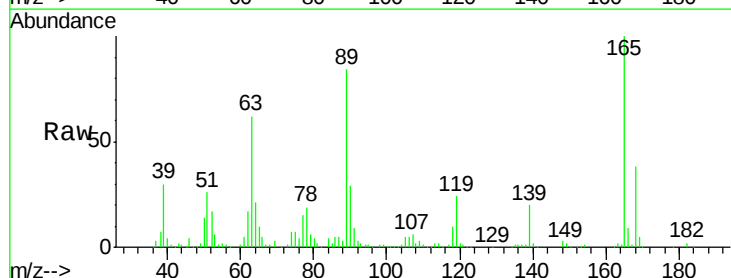
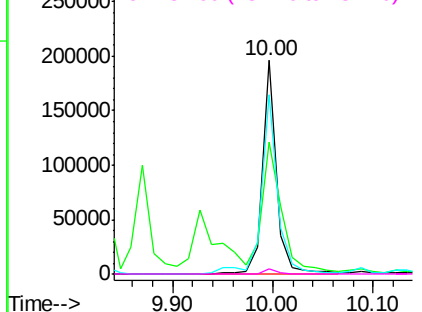
Tgt Ion:	165	Resp:	189701
Ion Ratio	Lower	Upper	
165	100		
63	62.0	44.3	66.5
89	84.1	70.0	105.0
182	2.3	1.8	2.6

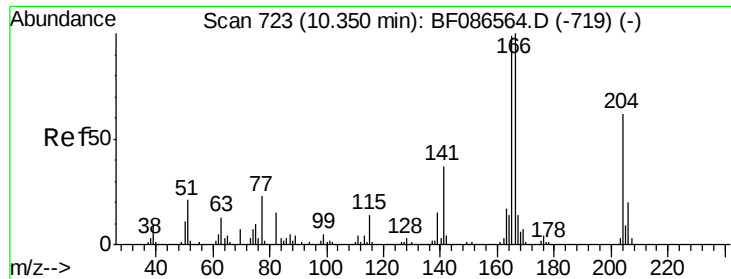
Abundance Ion 165.00 (164.70 to 165.70): E

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





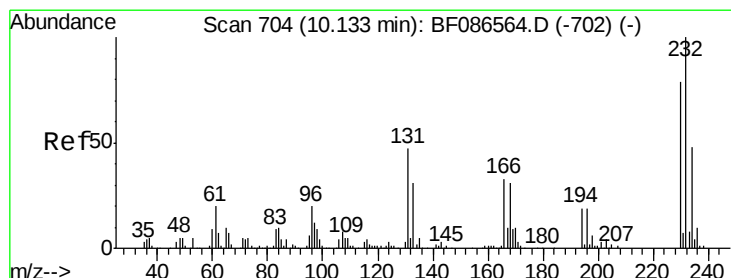
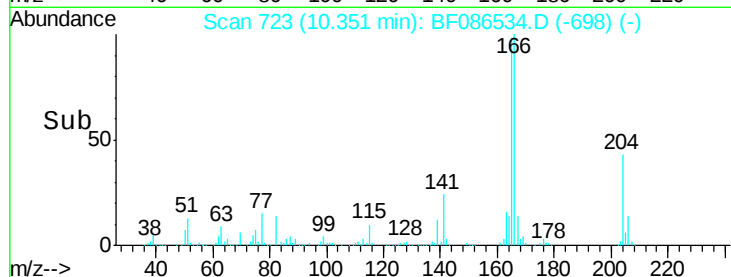
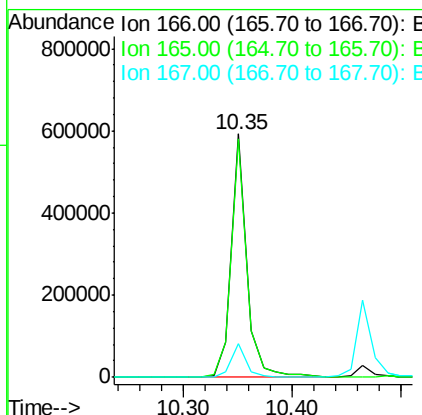
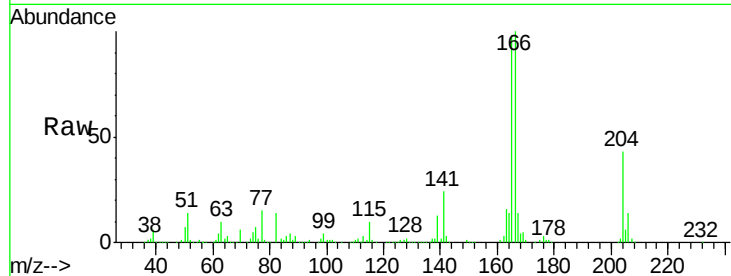
#57
 Fluorene
 Concen: 30.11 ng
 RT: 10.35 min Scan# 723
 Delta R.T. -0.01 min
 Lab File: BF086534.D
 Acq: 30 Apr 2016 20:11

Instrument :
 BNA_F
 ClientSampleId :
 PB90129BS

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	584302		
165	98.2	79.0	118.6	
167	14.0	10.6	15.8	

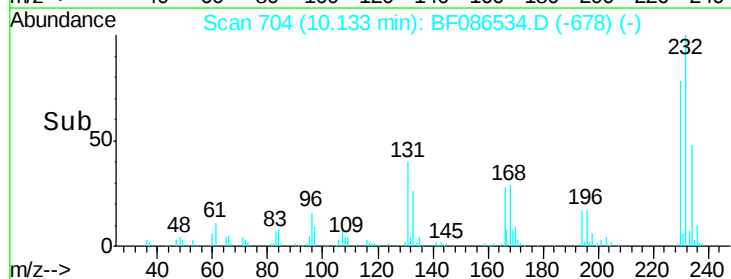
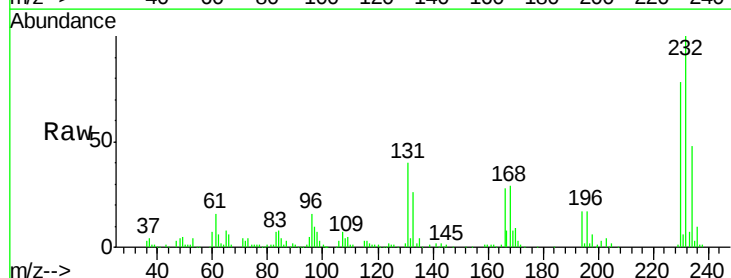
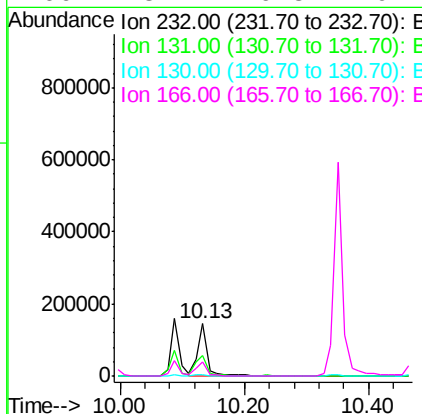
Manual Integrations
 APPROVED

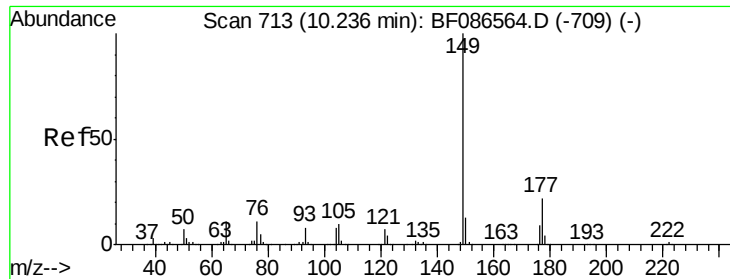
sohil
 5/2/2016 7:53:57 PM



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 36.32 ng
 RT: 10.13 min Scan# 704
 Delta R.T. 0.00 min
 Lab File: BF086534.D
 Acq: 30 Apr 2016 20:11

Tgt Ion	Ratio	Resp	Lower	Upper
232	100	156915		
131	47.7	41.9	62.9	
130	2.4	2.2	3.4	
166	28.7	26.8	40.2	





#59

Diethylphthalate

Concen: 33.40 ng

RT: 10.24 min Scan# 713

Delta R.T. 0.00 min

Lab File: BF086534.D

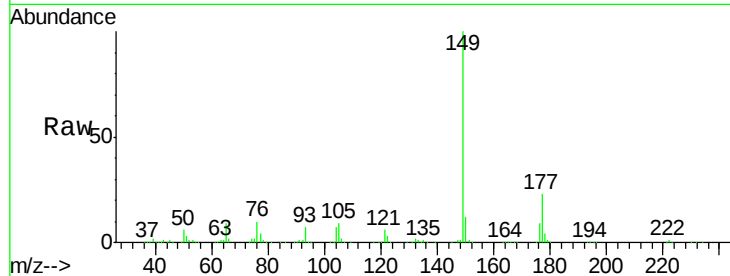
Acq: 30 Apr 2016 20:11

Instrument :

BNA_F

ClientSampleId :

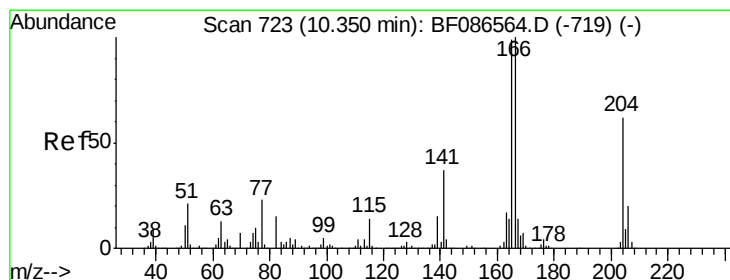
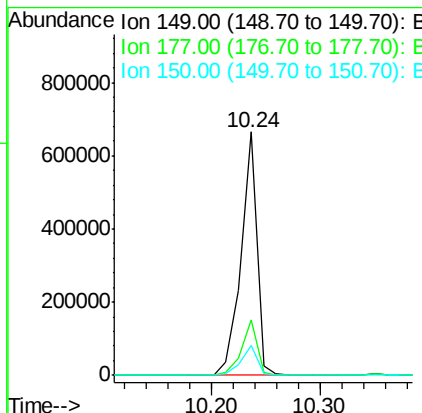
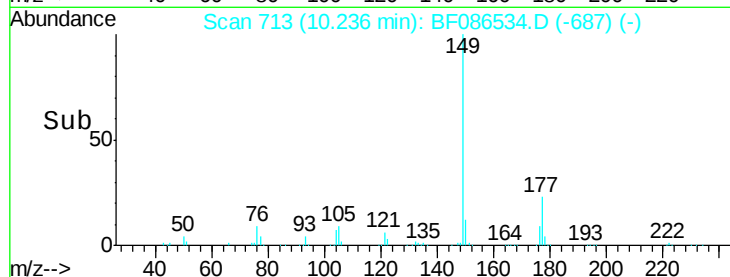
PB90129BS



Tgt Ion	Ratio	Resp	Lower	Upper
149	100	666969		
177	22.9	16.6	24.8	
150	12.5	10.0	15.0	

Manual Integrations
APPROVED

sohil
5/2/2016 7:53:57 PM



#60

4-Chlorophenyl-phenylether

Concen: 31.62 ng

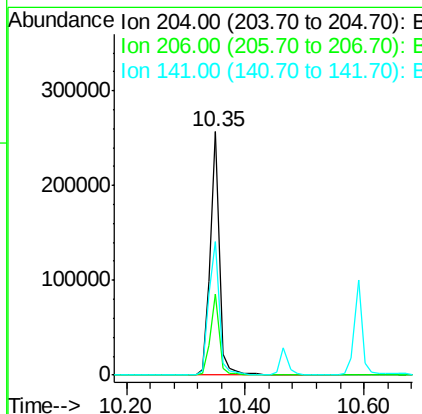
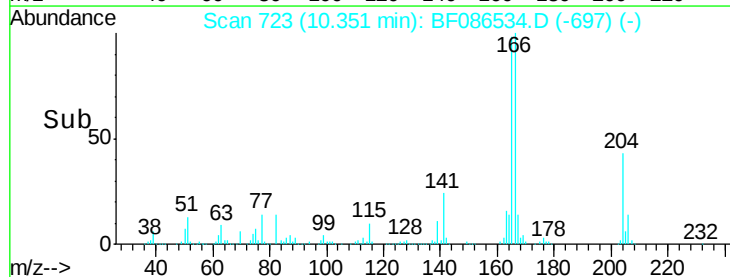
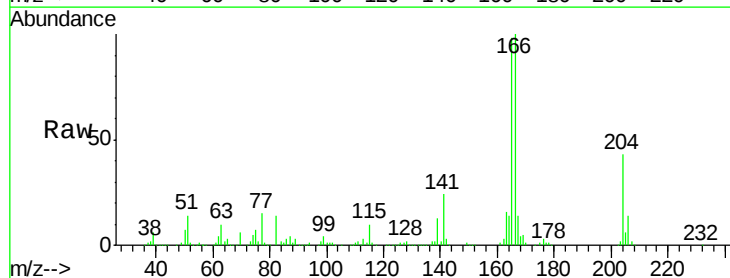
RT: 10.35 min Scan# 723

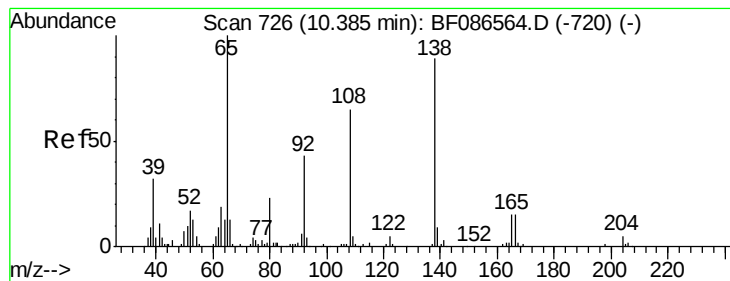
Delta R.T. 0.00 min

Lab File: BF086534.D

Acq: 30 Apr 2016 20:11

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	278525		
206	33.4	25.4	38.0	
141	55.1	61.6	92.4#	





#61

4-Nitroaniline

Concen: 32.46 ng

RT: 10.37 min Scan# 725

Delta R.T. -0.01 min

Lab File: BF086534.D

Acq: 30 Apr 2016 20:11

Instrument :

BNA_F

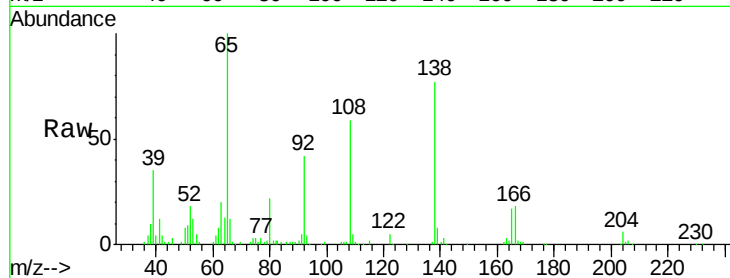
ClientSampleId :

PB90129BS

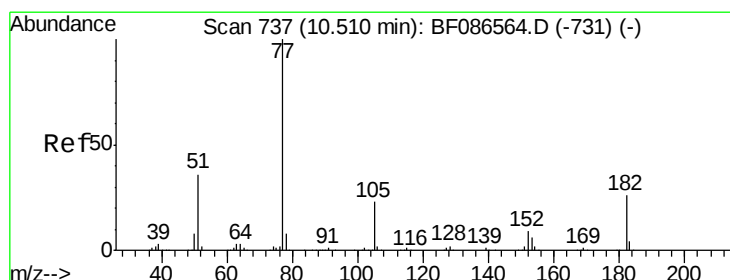
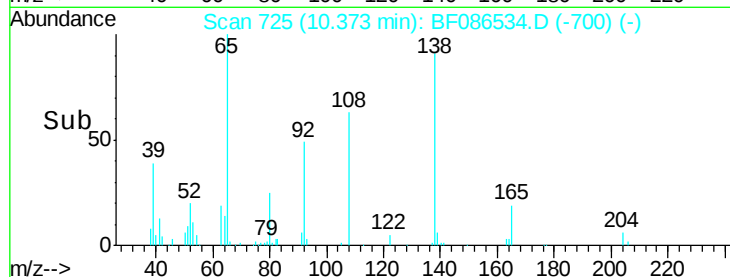
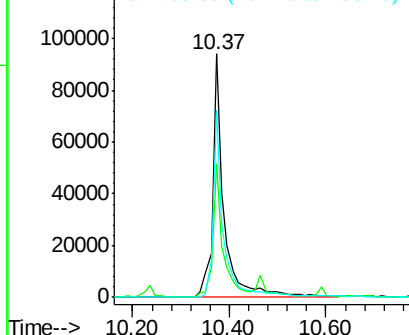
Manual Integrations
APPROVED

sohil
5/2/2016 7:53:57 PM

Tgt Ion:	138	Resp:	157263
Ion Ratio	Lower	Upper	
138	100		
92	54.7	24.7	64.7
108	77.1	37.4	77.4



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



#62

Azobenzene

Concen: 33.97 ng

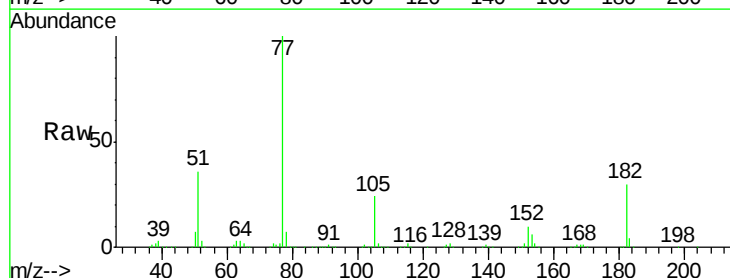
RT: 10.51 min Scan# 737

Delta R.T. 0.00 min

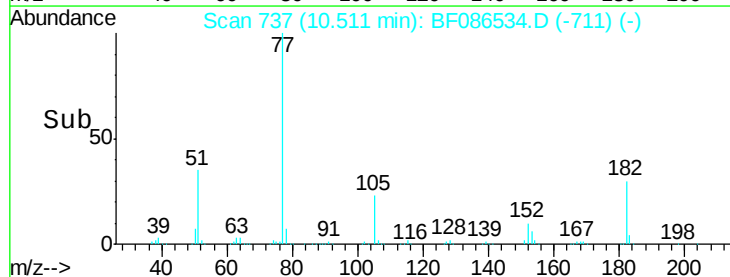
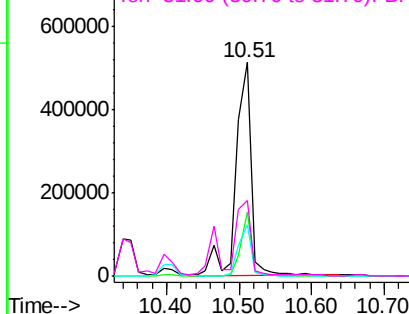
Lab File: BF086534.D

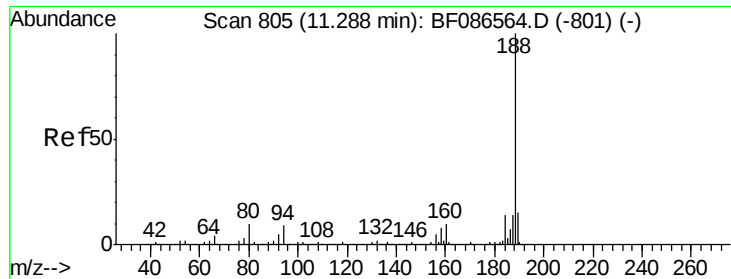
Acq: 30 Apr 2016 20:11

Tgt Ion:	77	Resp:	743171
Ion Ratio	Lower	Upper	
77	100		
182	29.7	0.0	38.8
105	23.9	3.2	43.2
51	35.6	8.8	48.8



Abundance Ion 77.00 (76.70 to 77.70): BF0
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF0





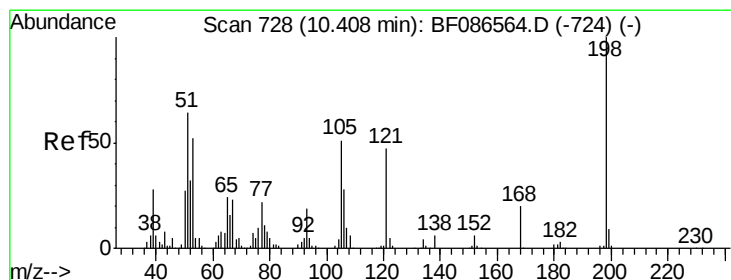
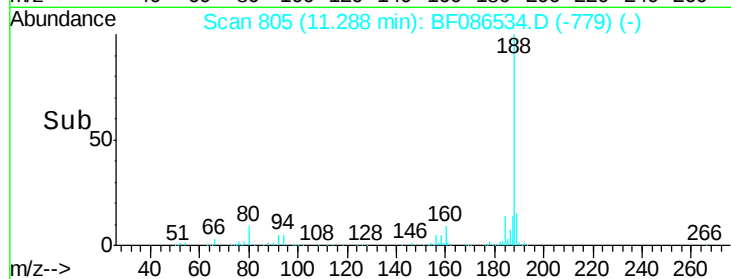
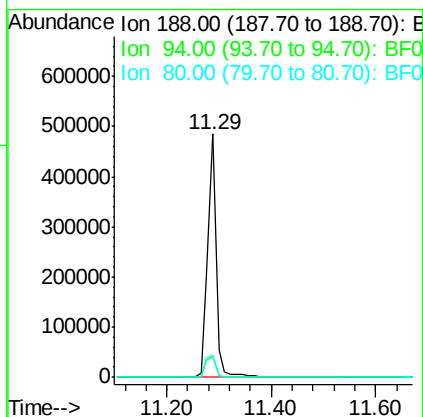
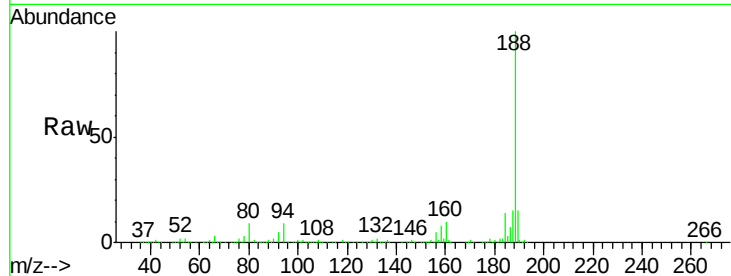
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.29 min Scan# 805
Delta R.T. 0.00 min
Lab File: BF086534.D
Acq: 30 Apr 2016 20:11

Instrument :
BNA_F
ClientSampleId :
PB90129BS

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	548222		
94	8.8	6.8	10.2	
80	9.1	7.1	10.7	

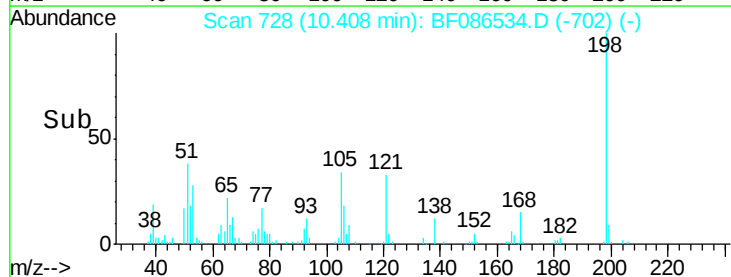
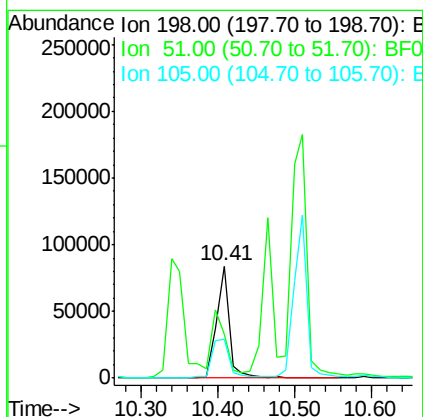
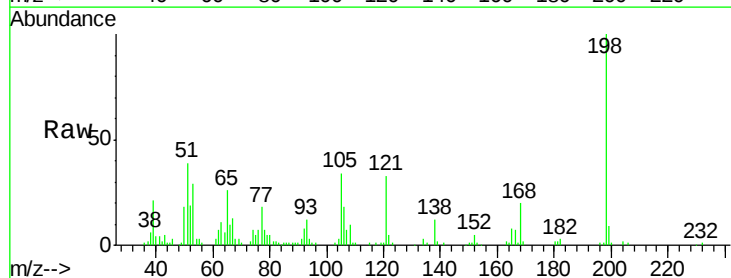
Manual Integrations
APPROVED

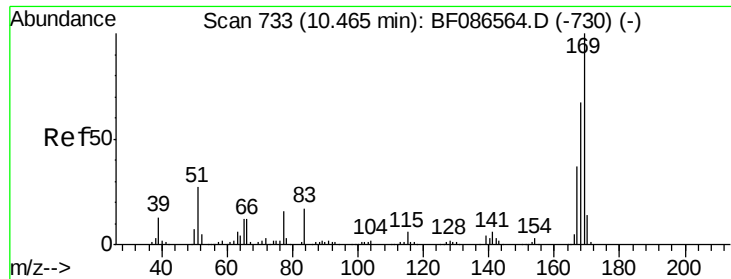
sohil
5/2/2016 7:53:57 PM



#64
4,6-Dinitro-2-methylphenol
Concen: 30.58 ng
RT: 10.41 min Scan# 728
Delta R.T. 0.00 min
Lab File: BF086534.D
Acq: 30 Apr 2016 20:11

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	98414		
51	39.2	20.5	60.5	
105	34.4	24.5	64.5	





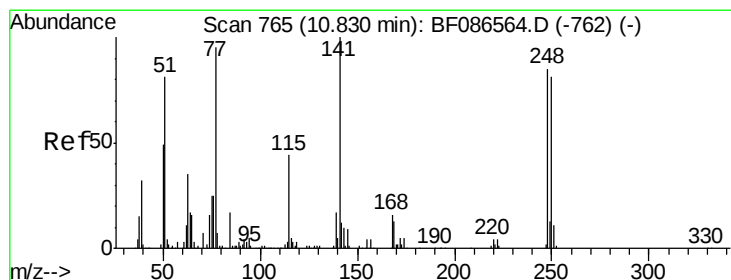
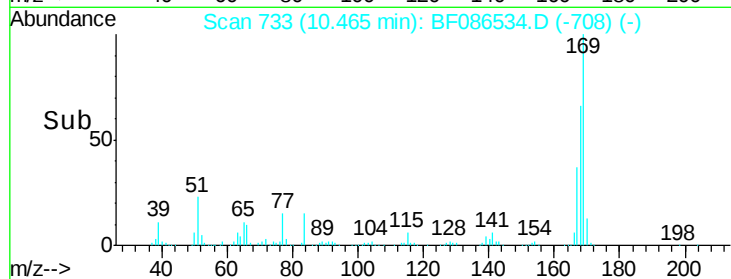
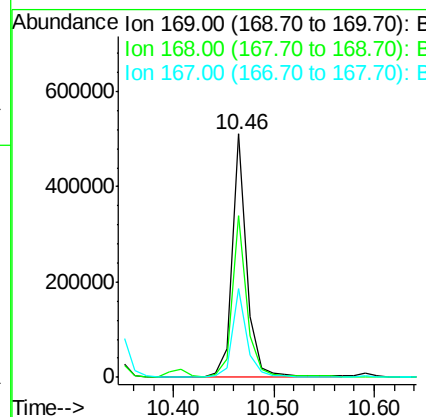
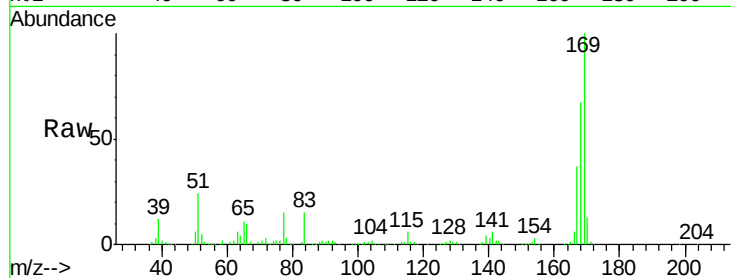
#65
n-Nitrosodiphenylamine
Concen: 30.23 ng
RT: 10.46 min Scan# 733
Delta R.T. -0.01 min
Lab File: BF086534.D
Acq: 30 Apr 2016 20:11

Instrument :
BNA_F
ClientSampleId :
PB90129BS

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	517988		
168	66.5	53.8	80.6	
167	36.6	29.5	44.3	

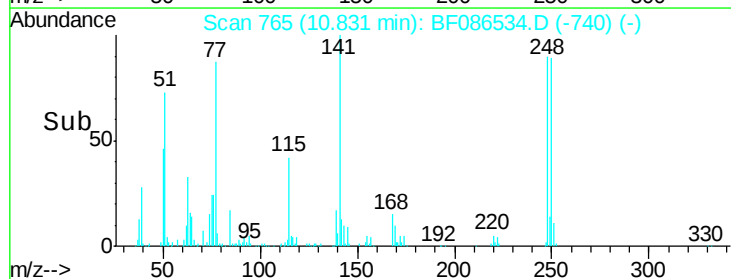
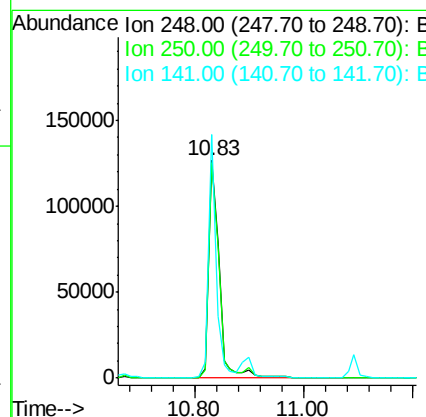
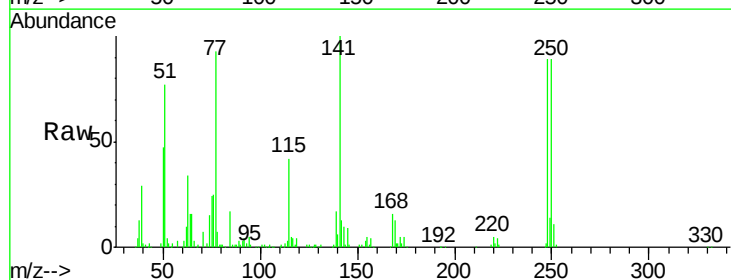
Manual Integrations
APPROVED

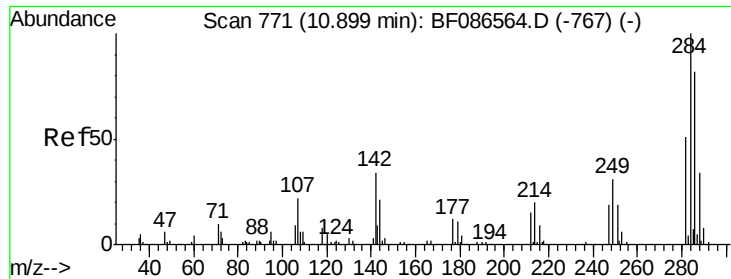
sohil
5/2/2016 7:53:57 PM



#66
4-Bromophenyl-phenylether
Concen: 29.98 ng
RT: 10.83 min Scan# 765
Delta R.T. -0.01 min
Lab File: BF086534.D
Acq: 30 Apr 2016 20:11

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	169358		
250	99.3	78.6	117.8	
141	112.0	76.0	114.0	





#67

Hexachlorobenzene

Concen: 30.33 ng

RT: 10.90 min Scan# 771

Delta R.T. 0.00 min

Lab File: BF086534.D

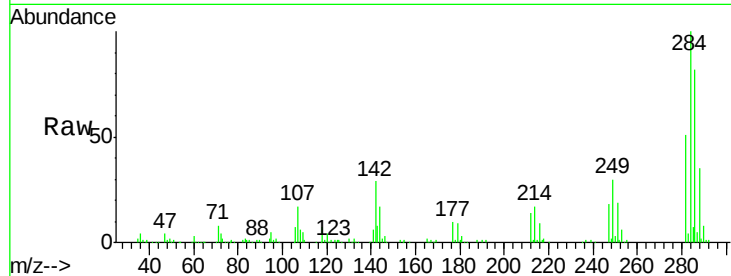
Acq: 30 Apr 2016 20:11

Instrument :

BNA_F

ClientSampleId :

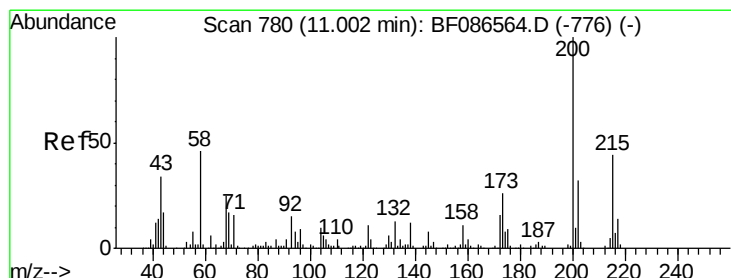
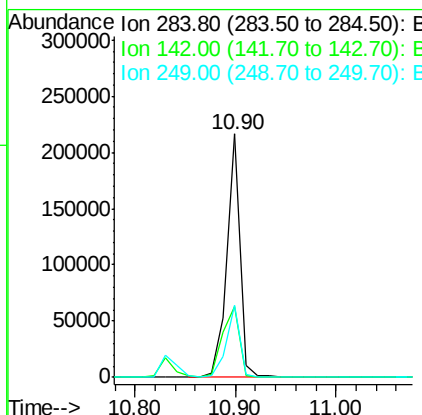
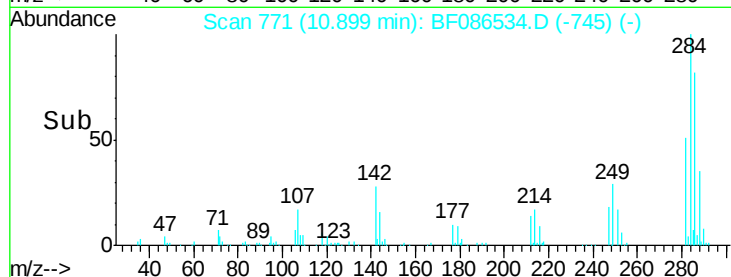
PB90129BS



Tgt Ion:	284	Resp:	198307
Ion Ratio	Lower	Upper	
284	100		
142	29.2	16.7	25.1#
249	29.9	21.3	31.9

Manual Integrations
APPROVED

sohil
5/2/2016 7:53:57 PM



#68

Atrazine

Concen: 31.73 ng

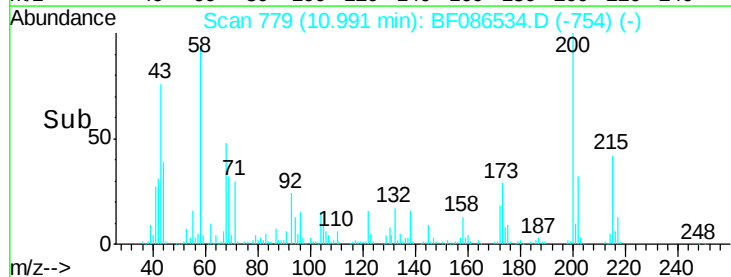
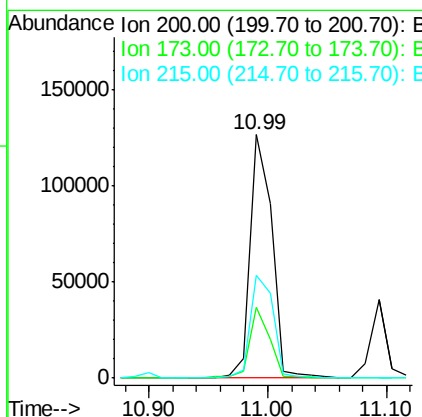
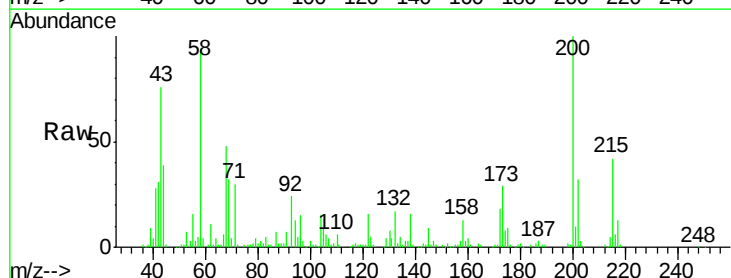
RT: 10.99 min Scan# 779

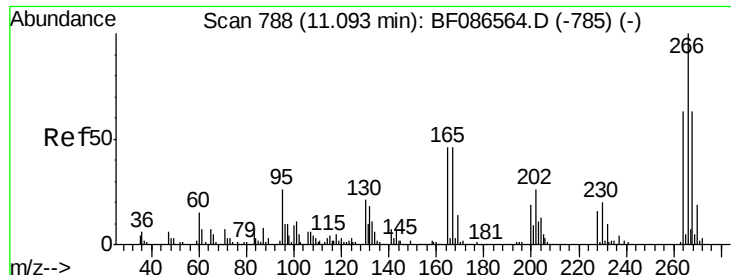
Delta R.T. -0.01 min

Lab File: BF086534.D

Acq: 30 Apr 2016 20:11

Tgt Ion:	200	Resp:	163255
Ion Ratio	Lower	Upper	
200	100		
173	29.1	8.5	48.5
215	42.2	27.2	67.2





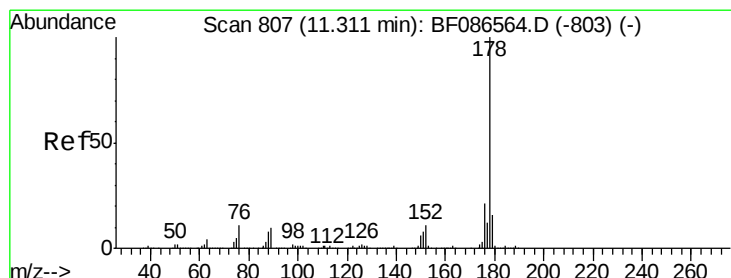
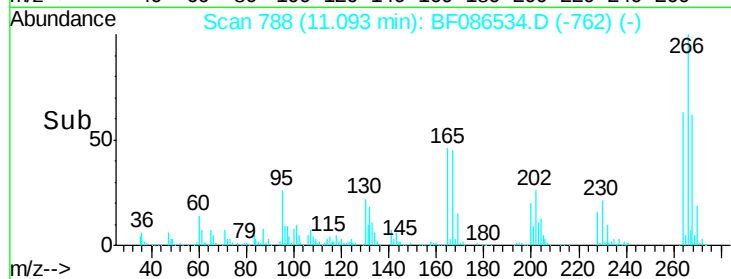
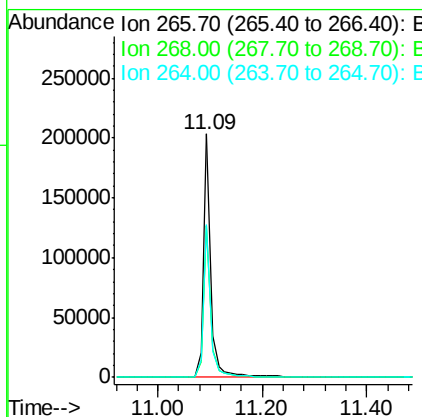
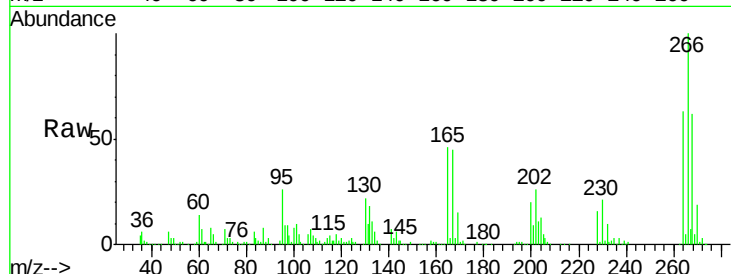
#69
 Pentachlorophenol
 Concen: 58.26 ng
 RT: 11.09 min Scan# 788
 Delta R.T. 0.00 min
 Lab File: BF086534.D
 Acq: 30 Apr 2016 20:11

Instrument :
 BNA_F
 ClientSampled :
 PB90129BS

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	200848		
268	62.2	51.5	77.3	
264	62.9	52.9	79.3	

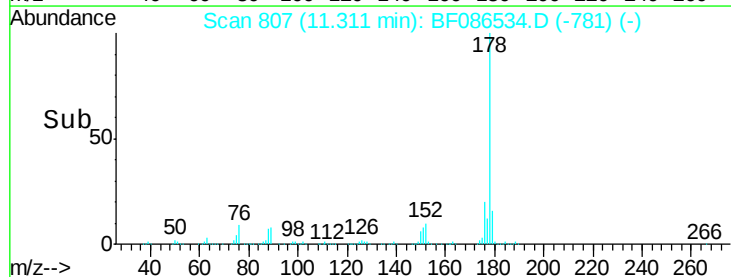
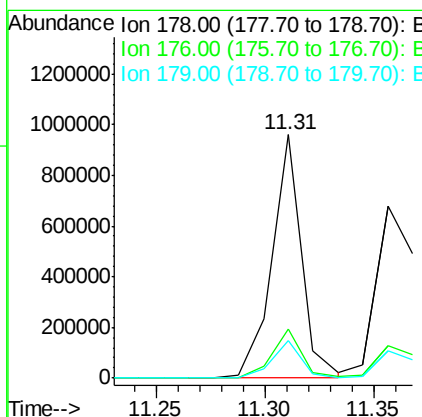
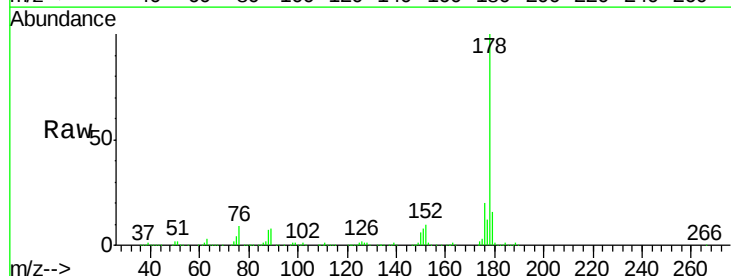
Manual Integrations
 APPROVED

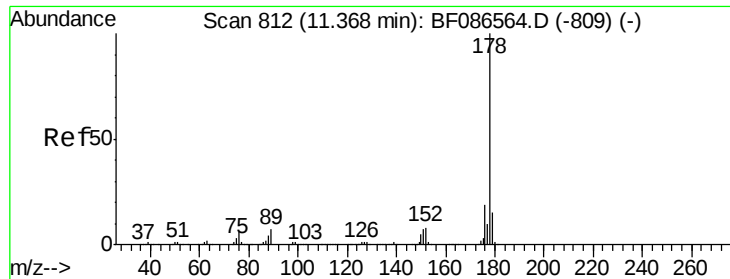
sohil
 5/2/2016 7:53:57 PM



#70
 Phenanthrene
 Concen: 31.79 ng
 RT: 11.31 min Scan# 807
 Delta R.T. 0.00 min
 Lab File: BF086534.D
 Acq: 30 Apr 2016 20:11

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	914717		
176	20.0	16.0	24.0	
179	15.7	12.6	18.8	





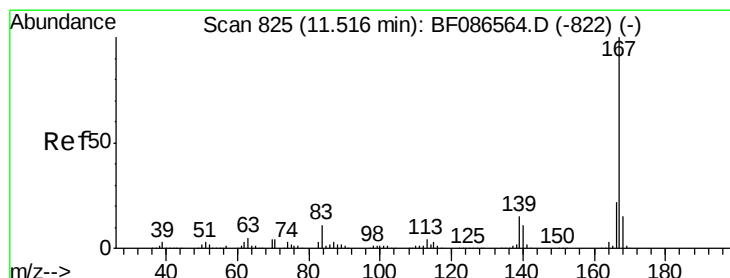
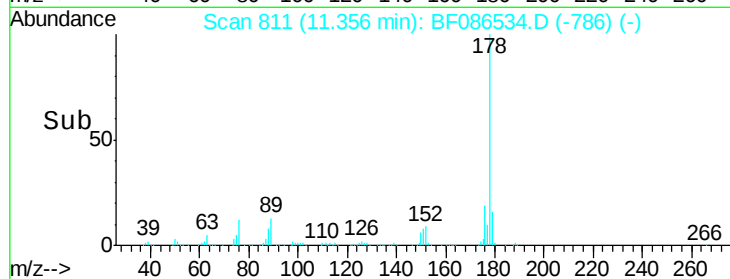
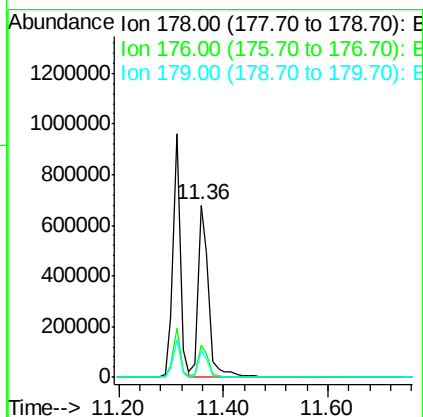
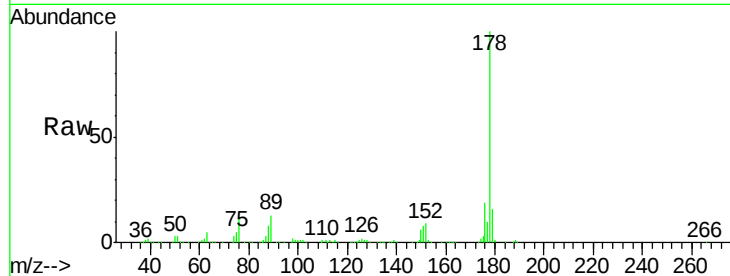
#71
 Anthracene
 Concen: 31.23 ng
 RT: 11.36 min Scan# 811
 Delta R.T. -0.01 min
 Lab File: BF086534.D
 Acq: 30 Apr 2016 20:11

Instrument :
 BNA_F
 ClientSampleId :
 PB90129BS

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	958917		
176	18.9	15.6	23.4	
179	15.7	12.7	19.1	

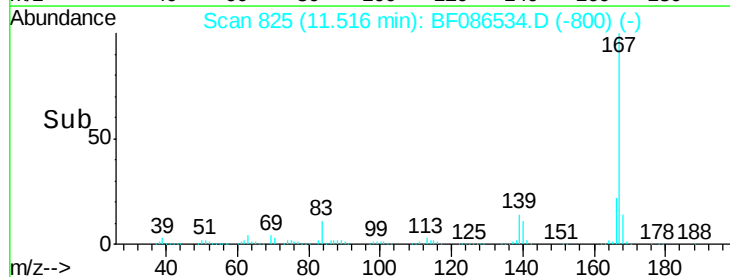
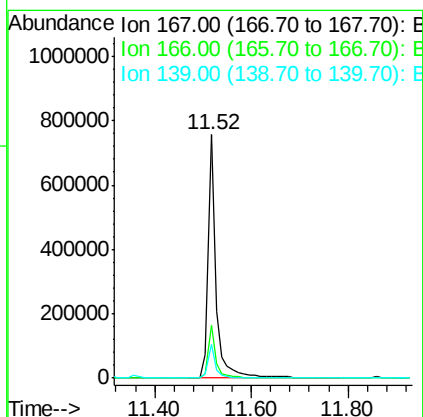
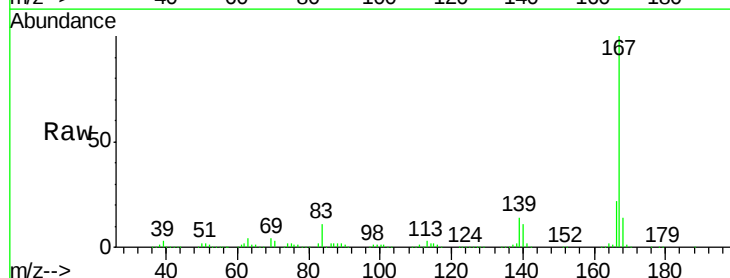
Manual Integrations
 APPROVED

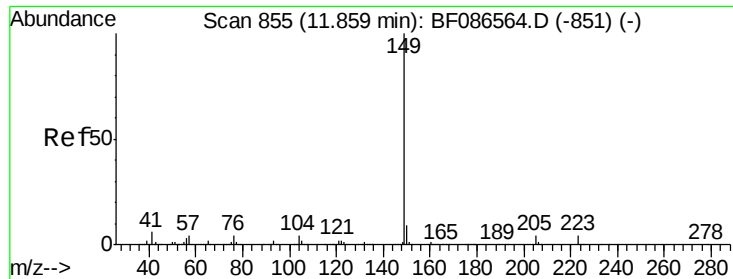
sohil
 5/2/2016 7:53:57 PM



#72
 Carbazole
 Concen: 32.09 ng
 RT: 11.52 min Scan# 825
 Delta R.T. -0.01 min
 Lab File: BF086534.D
 Acq: 30 Apr 2016 20:11

Tgt Ion	Ratio	Resp	Lower	Upper
167	100	873204		
166	21.9	17.7	26.5	
139	14.0	10.8	16.2	





#73

Di-n-butylphthalate

Concen: 31.83 ng

RT: 11.86 min Scan# 855

Delta R.T. 0.00 min

Lab File: BF086534.D

Acq: 30 Apr 2016 20:11

Instrument :

BNA_F

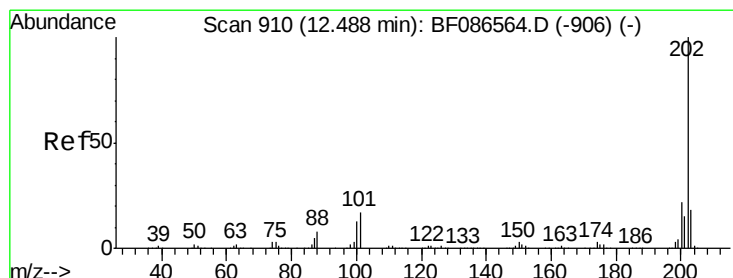
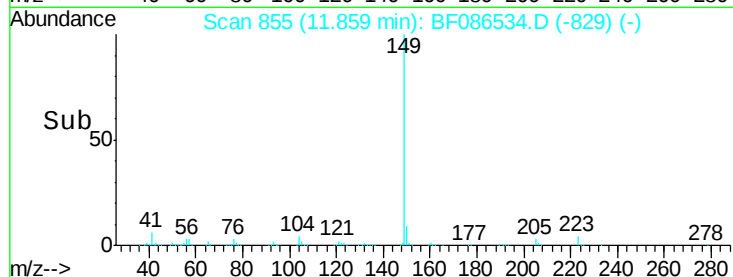
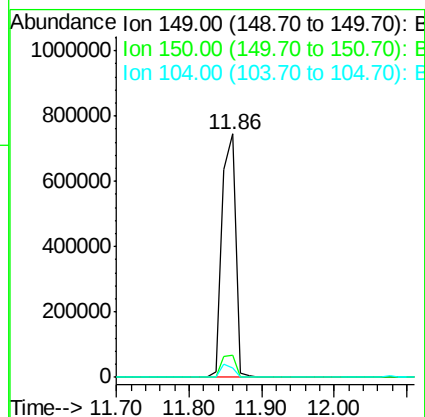
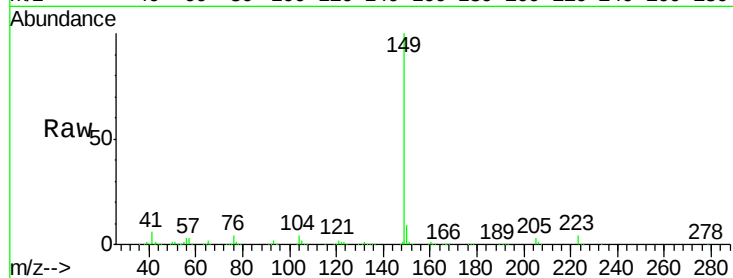
ClientSampleId :

PB90129BS

Manual Integrations
APPROVED

sohil
5/2/2016 7:53:57 PM

Tgt Ion:	149	Resp:	981219
Ion Ratio	Lower	Upper	
149	100		
150	8.9	7.6	11.4
104	4.1	3.8	5.6



#74

Fluoranthene

Concen: 31.68 ng

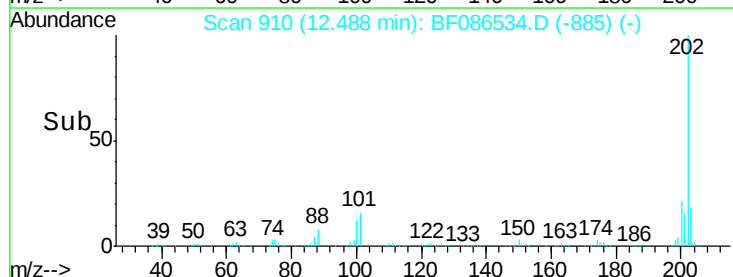
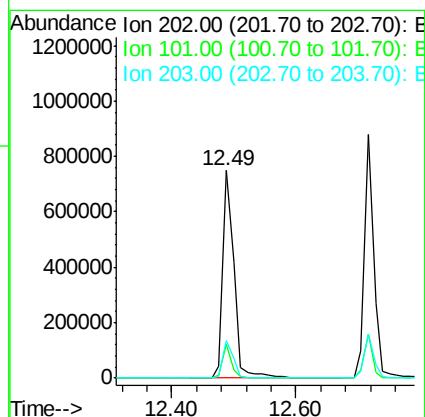
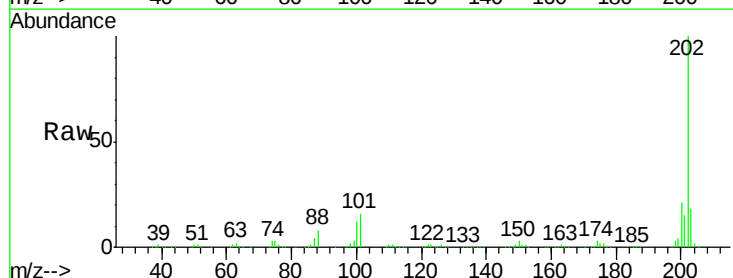
RT: 12.49 min Scan# 910

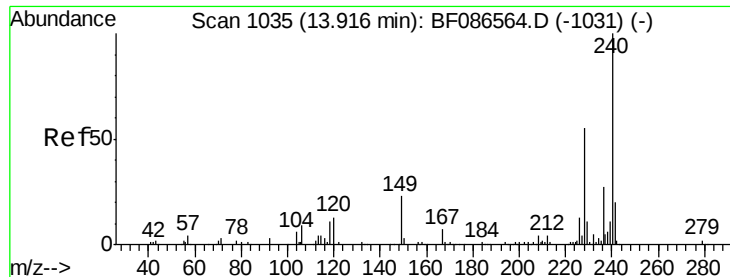
Delta R.T. -0.01 min

Lab File: BF086534.D

Acq: 30 Apr 2016 20:11

Tgt Ion:	202	Resp:	919917
Ion Ratio	Lower	Upper	
202	100		
101	16.0	0.0	35.4
203	18.3	0.0	38.1





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.92 min Scan# 1035

Delta R.T. 0.00 min

Lab File: BF086534.D

Acq: 30 Apr 2016 20:11

Instrument :

BNA_F

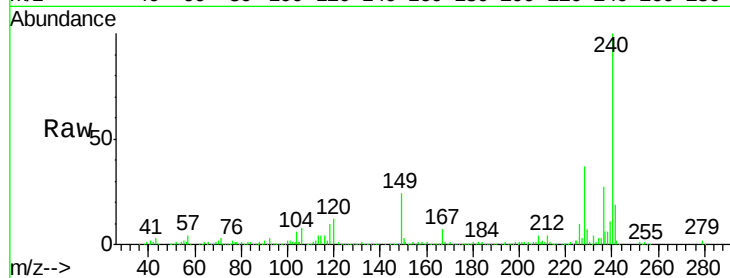
ClientSampled :

PB90129BS

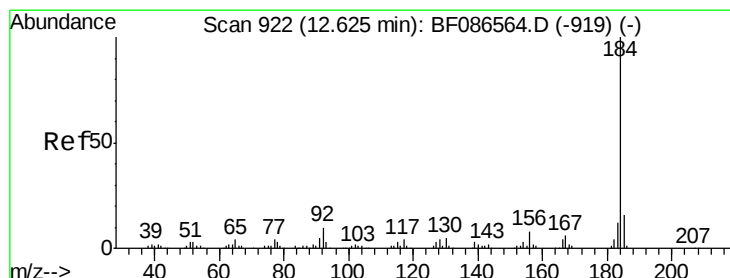
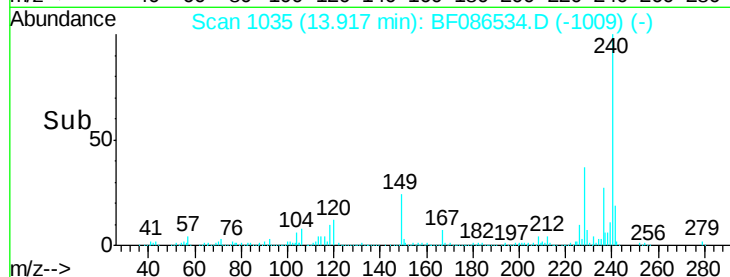
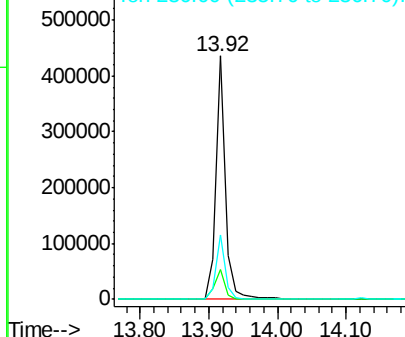
Tgt Ion:	240	Resp:	434629
Ion Ratio	Lower	Upper	
240	100		
120	12.2	11.2	16.8
236	26.7	21.2	31.8

Manual Integrations
APPROVED

sohil
5/2/2016 7:53:57 PM



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



#76

Benzidine

Concen: 15.71 ng

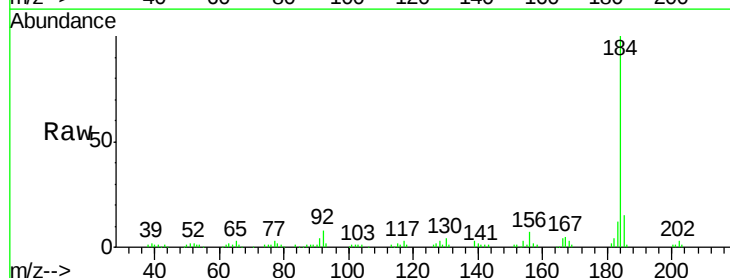
RT: 12.63 min Scan# 922

Delta R.T. 0.00 min

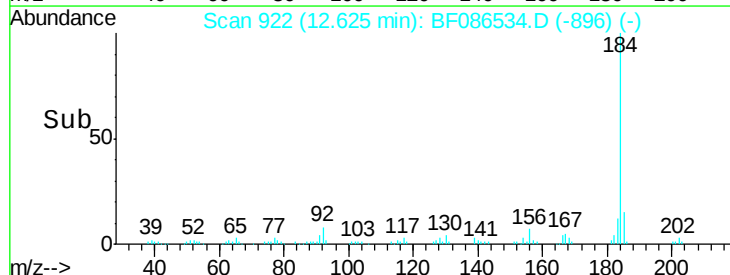
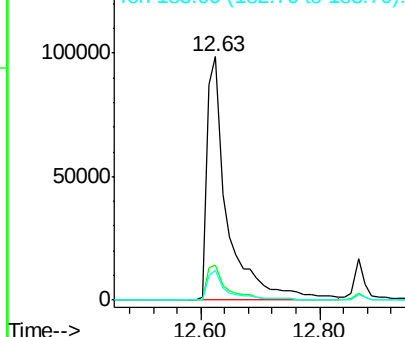
Lab File: BF086534.D

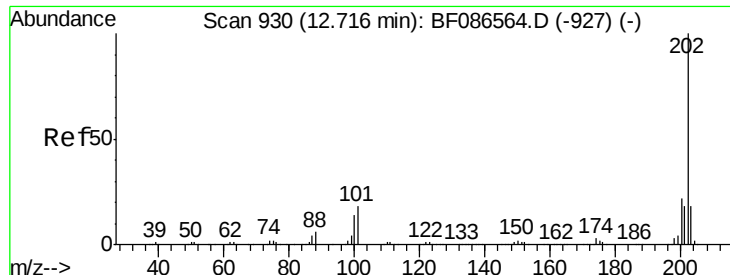
Acq: 30 Apr 2016 20:11

Tgt Ion:	184	Resp:	234713
Ion Ratio	Lower	Upper	
184	100		
185	14.5	13.6	20.4
183	12.2	9.8	14.6



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





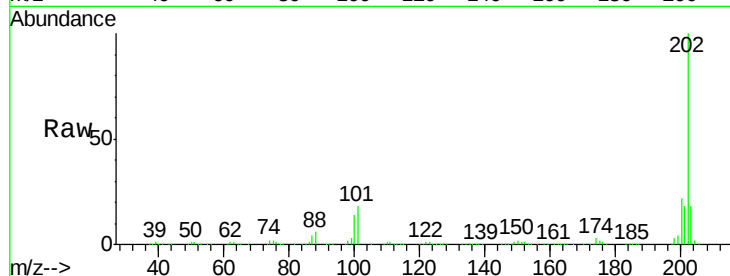
#77
Pyrene
 Concen: 28.84 ng
 RT: 12.72 min Scan# 930
 Delta R.T. -0.01 min
 Lab File: BF086534.D
 Acq: 30 Apr 2016 20:11

Instrument :
 BNA_F
 ClientSampleId :
 PB90129BS

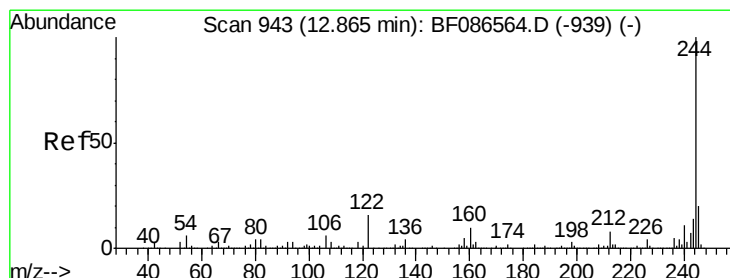
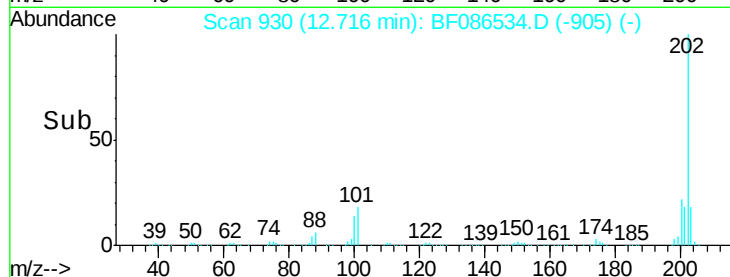
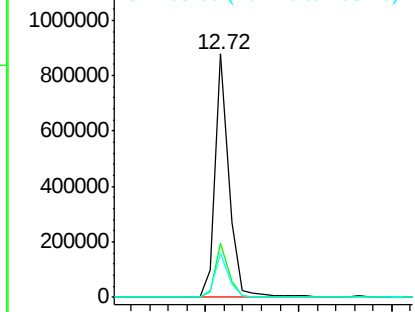
Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
200	22.3	17.7	26.5
203	17.9	14.2	21.4

Manual Integrations
 APPROVED

sohil
 5/2/2016 7:53:57 PM

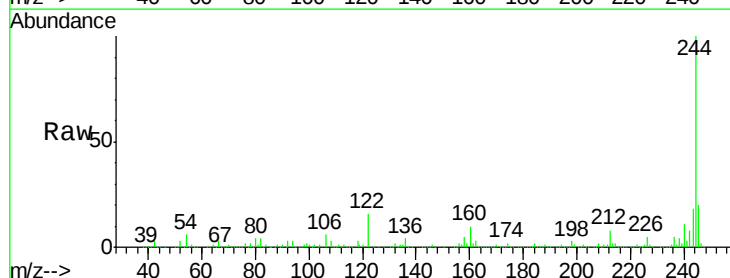


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 200.00 (199.70 to 200.70): E
 Ion 203.00 (202.70 to 203.70): E

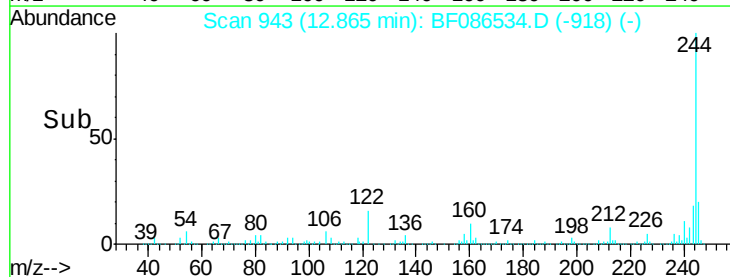
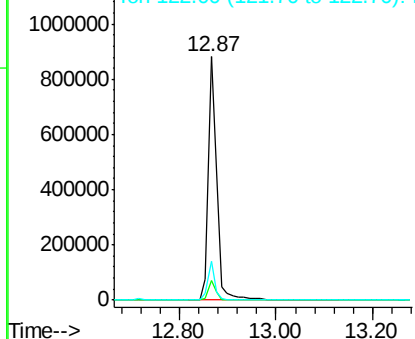


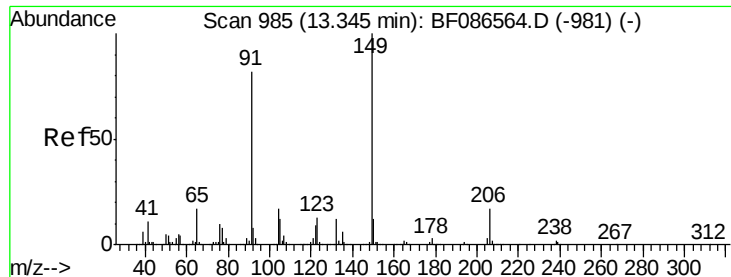
#78
Terphenyl-d14
 Concen: 54.68 ng
 RT: 12.87 min Scan# 943
 Delta R.T. -0.01 min
 Lab File: BF086534.D
 Acq: 30 Apr 2016 20:11

Tgt Ion	Ratio	Resp Lower	Resp Upper
244	100		
212	8.1	6.2	9.2
122	15.8	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





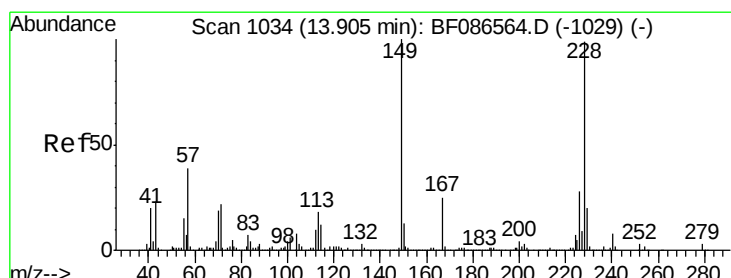
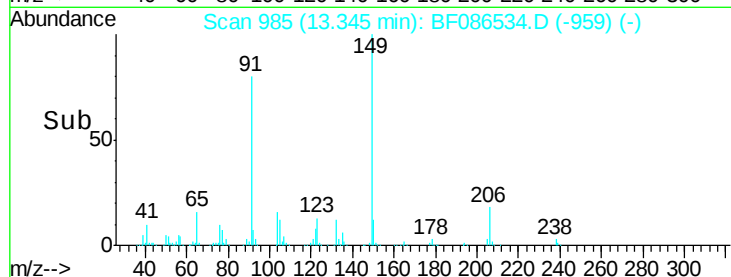
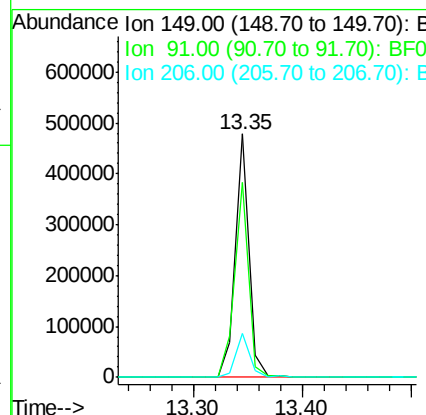
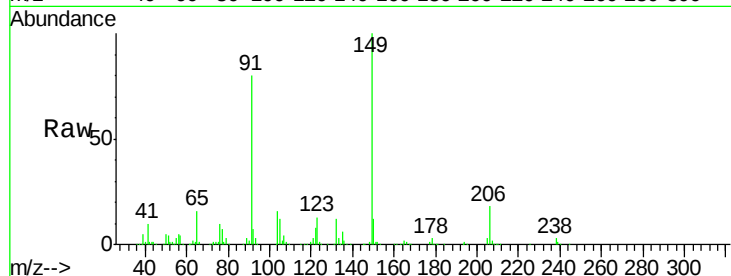
#79
Butylbenzylphthalate
Concen: 30.62 ng
RT: 13.35 min Scan# 985
Delta R.T. 0.00 min
Lab File: BF086534.D
Acq: 30 Apr 2016 20:11

Instrument :
BNA_F
ClientSampleId :
PB90129BS

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	415305		
91	80.3	48.0	72.0#	
206	18.2	15.8	23.6	

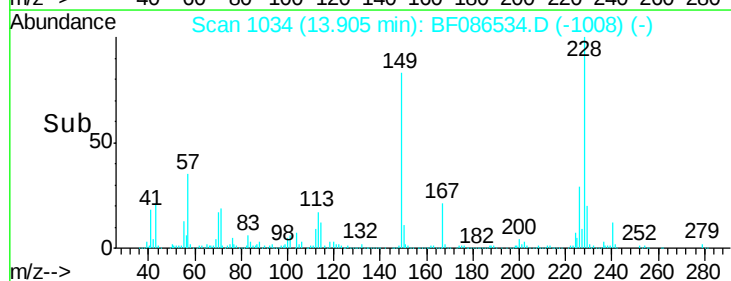
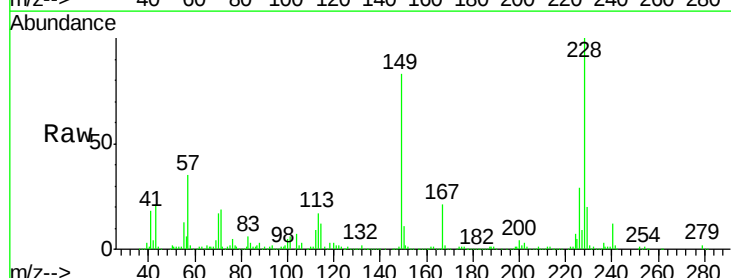
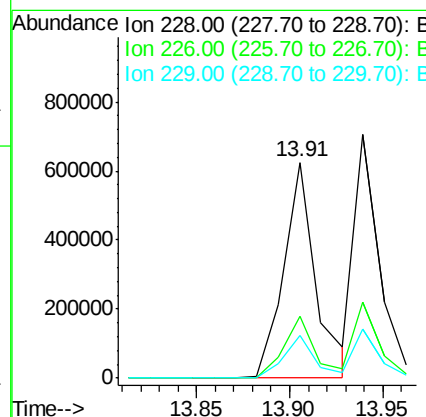
Manual Integrations
APPROVED

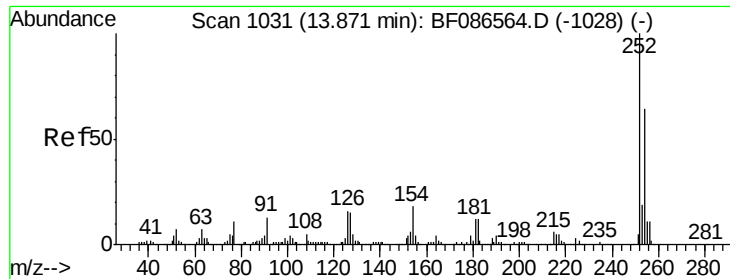
sohil
5/2/2016 7:53:57 PM



#80
Benzo(a)anthracene
Concen: 32.30 ng
RT: 13.91 min Scan# 1034
Delta R.T. 0.00 min
Lab File: BF086534.D
Acq: 30 Apr 2016 20:11

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	748385		
226	28.6	22.5	33.7	
229	19.7	16.6	25.0	





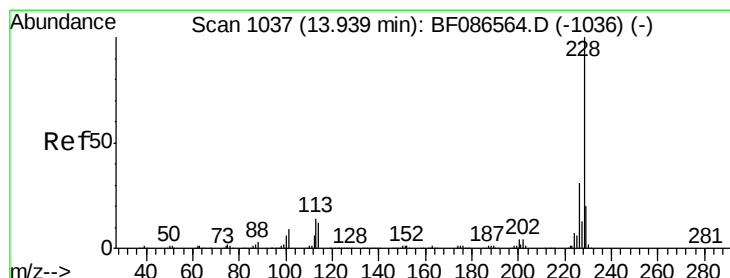
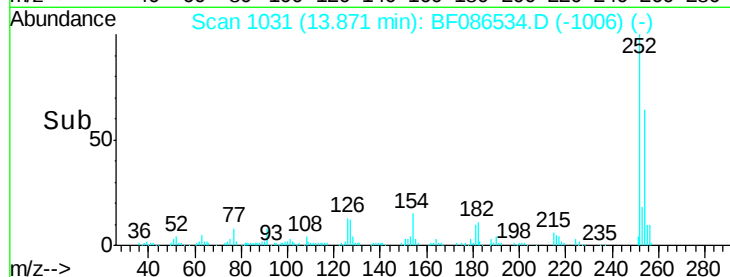
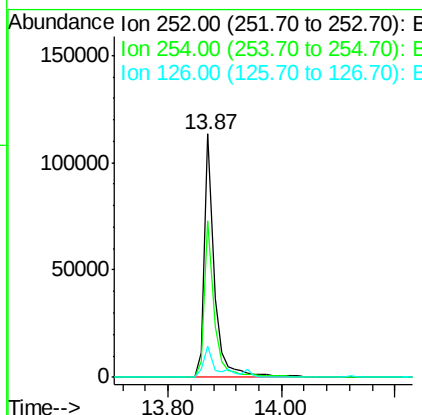
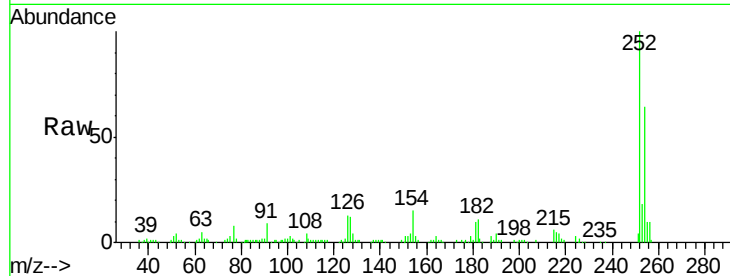
#81
 3,3'-Dichlorobenzidine
 Concen: 8.68 ng
 RT: 13.87 min Scan# 1031
 Delta R.T. -0.01 min
 Lab File: BF086534.D
 Acq: 30 Apr 2016 20:11

Instrument :
 BNA_F
 ClientSampleId :
 PB90129BS

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	134504		
254	64.3	50.7	76.1	
126	12.9	12.7	19.1	

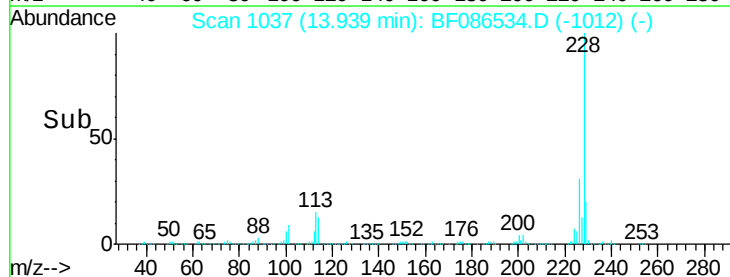
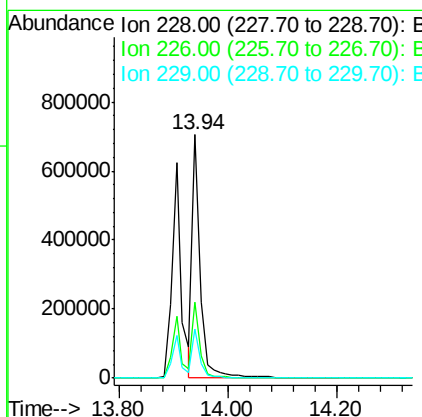
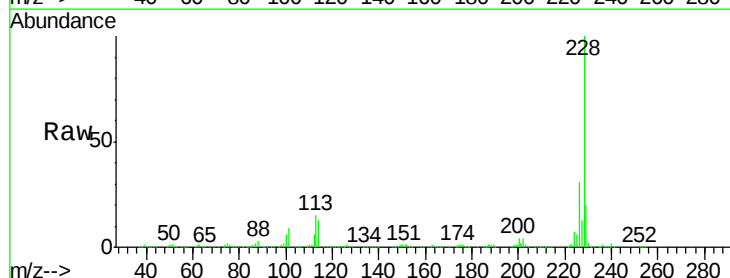
Manual Integrations
 APPROVED

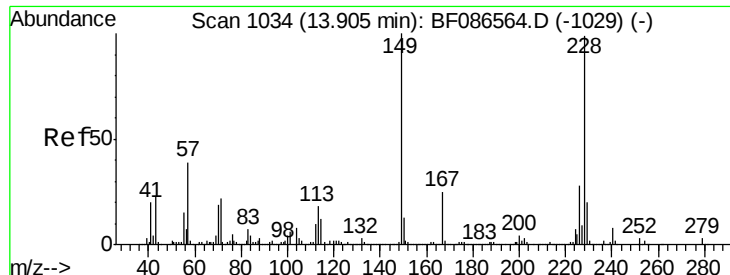
sohil
 5/2/2016 7:53:57 PM



#82
 Chrysene
 Concen: 28.75 ng
 RT: 13.94 min Scan# 1037
 Delta R.T. -0.01 min
 Lab File: BF086534.D
 Acq: 30 Apr 2016 20:11

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	724009		
226	31.3	24.4	36.6	
229	20.1	15.8	23.8	





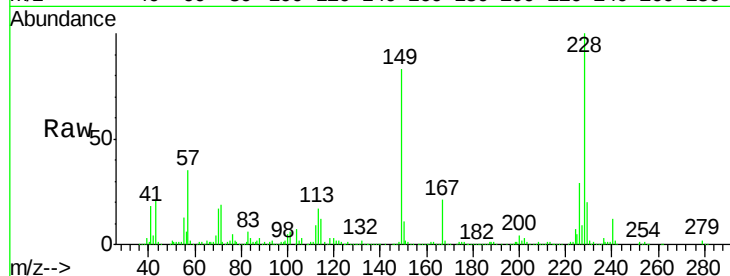
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 27.92 ng
 RT: 13.91 min Scan# 1034
 Delta R.T. 0.00 min
 Lab File: BF086534.D
 Acq: 30 Apr 2016 20:11

Instrument :
 BNA_F
 ClientSampleId :
 PB90129BS

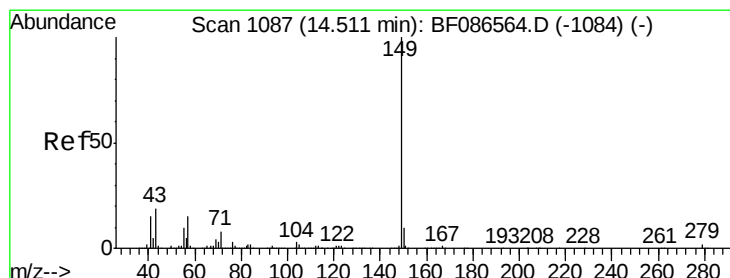
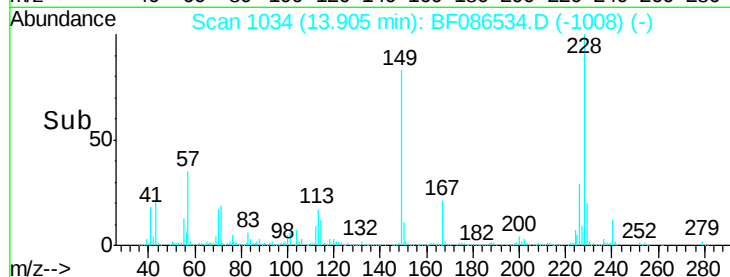
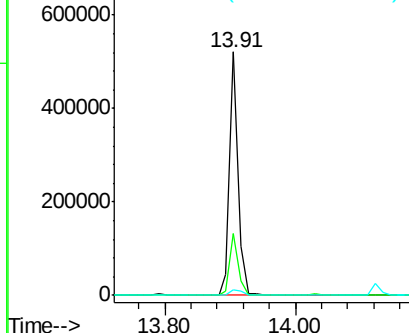
Tgt Ion	Ratio	Resp	Lower	Upper
149	100	470144		
167	25.3	21.8	32.6	
279	2.5	2.6	4.0#	

Manual Integrations
 APPROVED

sohil
 5/2/2016 7:53:57 PM

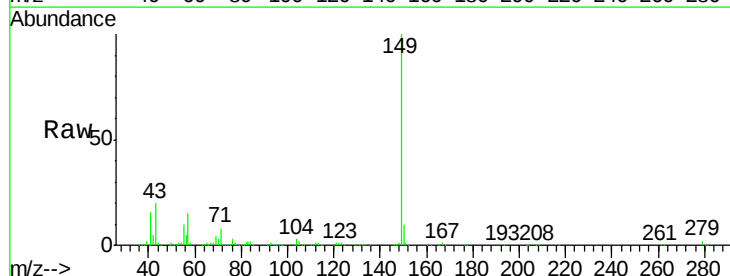


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

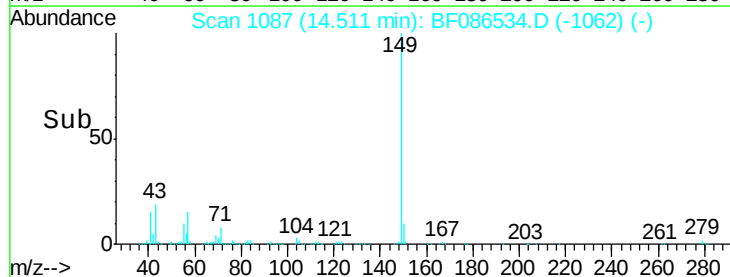
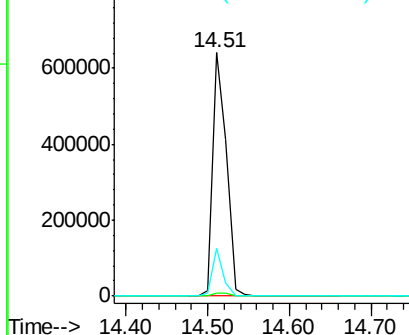


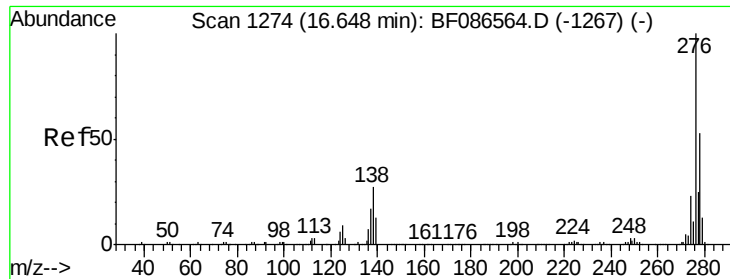
#84
 Di-n-octyl phthalate
 Concen: 28.55 ng
 RT: 14.51 min Scan# 1087
 Delta R.T. -0.01 min
 Lab File: BF086534.D
 Acq: 30 Apr 2016 20:11

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	752755		
167	1.5	1.2	1.8	
43	15.4	8.2	12.4#	



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 43.00 (42.70 to 43.70): BF0





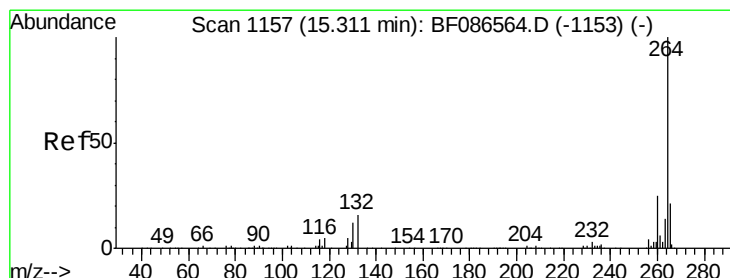
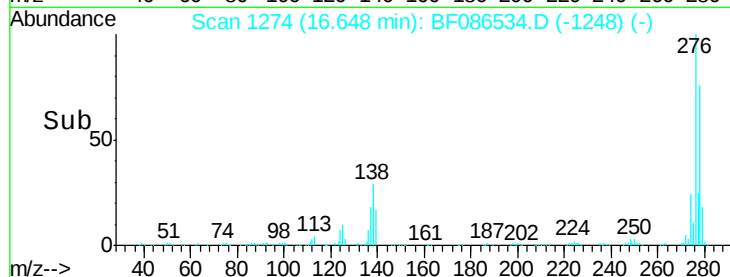
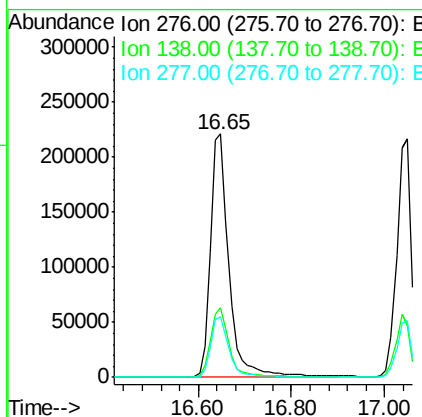
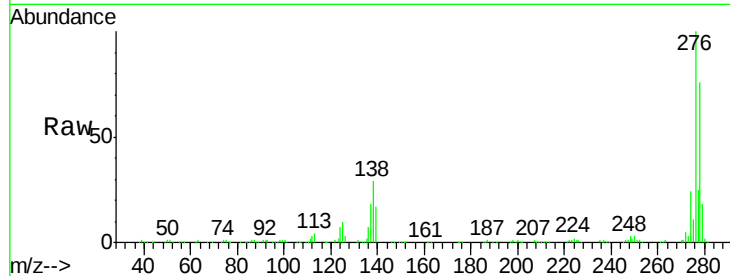
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 32.83 ng
 RT: 16.65 min Scan# 1274
 Delta R.T. 0.00 min
 Lab File: BF086534.D
 Acq: 30 Apr 2016 20:11

Instrument :
 BNA_F
 ClientSampleId :
 PB90129BS

Tgt Ion:	276	Resp:	612773
Ion Ratio	Lower	Upper	
276	100		
138	29.2	25.6	38.4
277	25.0	20.5	30.7

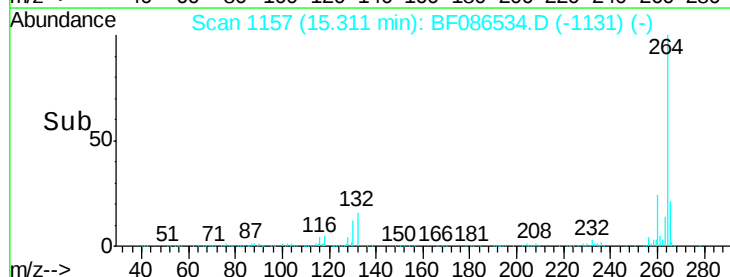
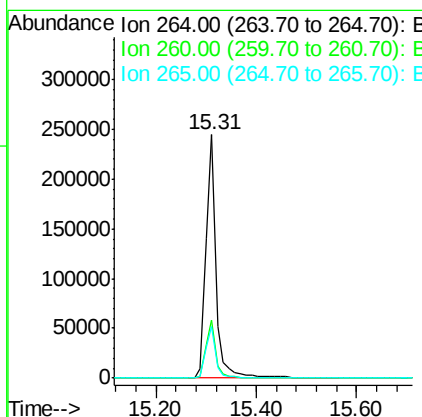
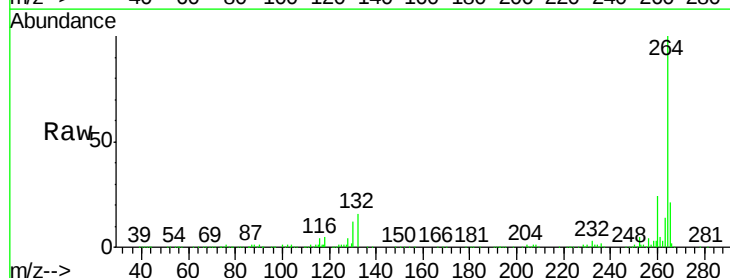
Manual Integrations
 APPROVED

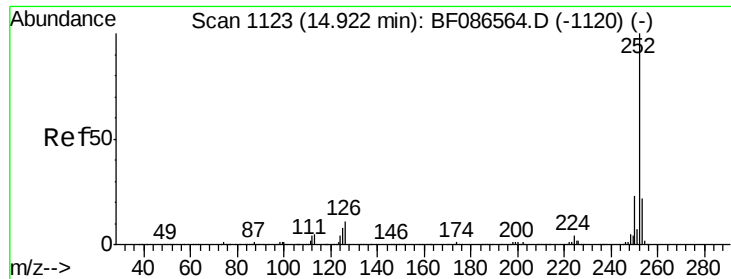
sohil
 5/2/2016 7:53:57 PM



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.31 min Scan# 1157
 Delta R.T. 0.00 min
 Lab File: BF086534.D
 Acq: 30 Apr 2016 20:11

Tgt Ion:	264	Resp:	344609
Ion Ratio	Lower	Upper	
264	100		
260	23.8	19.5	29.3
265	21.0	17.3	25.9





#87

Benzo(b)fluoranthene

Concen: 37.08 ng m

RT: 14.92 min Scan# 1123

Delta R.T. 0.00 min

Lab File: BF086534.D

Acq: 30 Apr 2016 20:11

Instrument :

BNA_F

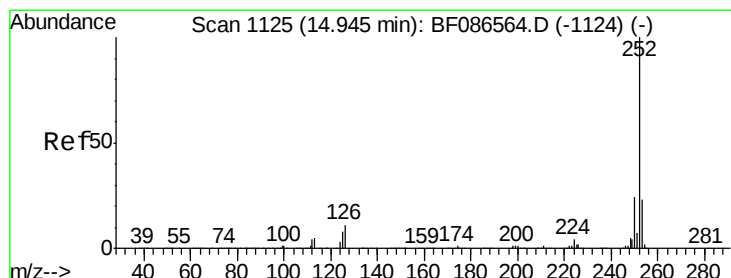
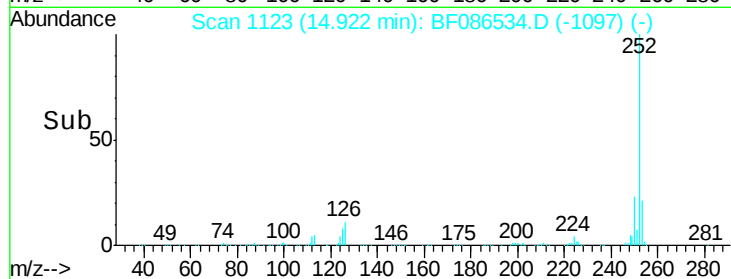
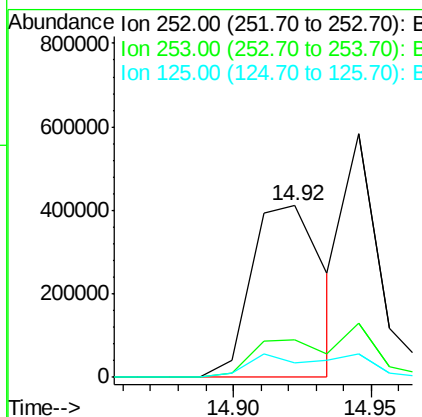
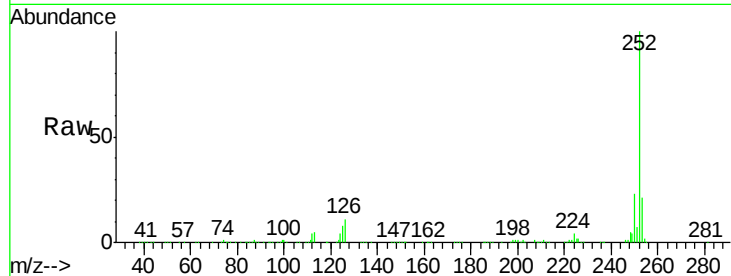
ClientSampleId :

PB90129BS

Tgt Ion:	252	Resp:	751664
Ion Ratio	Lower	Upper	
252	100		
253	21.5	17.8	26.6
125	8.1	11.4	17.0

Manual Integrations
APPROVED

sohil
5/2/2016 7:53:57 PM



#88

Benzo(k)fluoranthene

Concen: 27.32 ng m

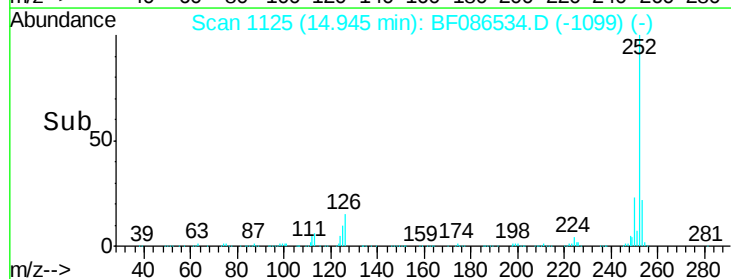
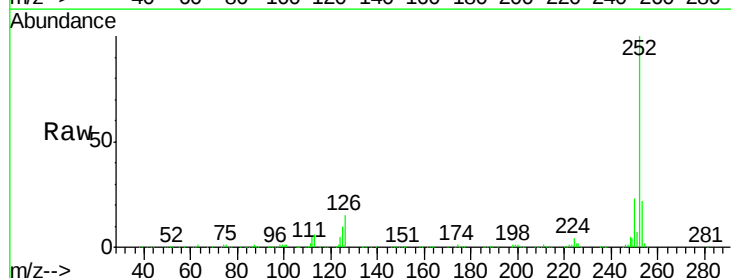
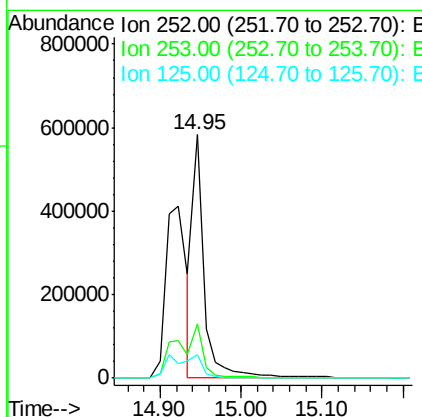
RT: 14.95 min Scan# 1125

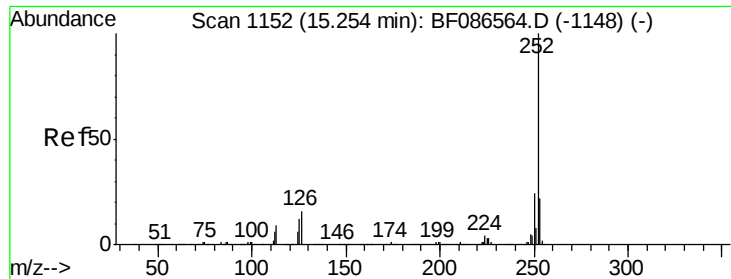
Delta R.T. 0.00 min

Lab File: BF086534.D

Acq: 30 Apr 2016 20:11

Tgt Ion:	252	Resp:	577711
Ion Ratio	Lower	Upper	
252	100		
253	22.1	17.8	26.6
125	9.9	9.1	13.7





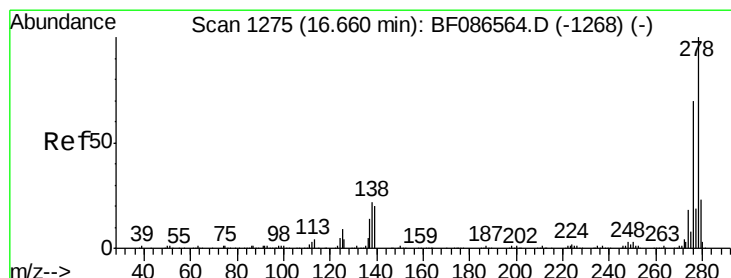
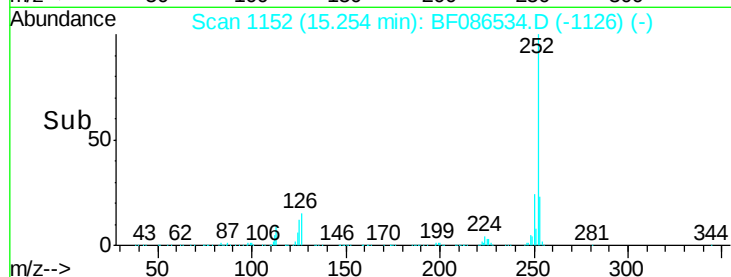
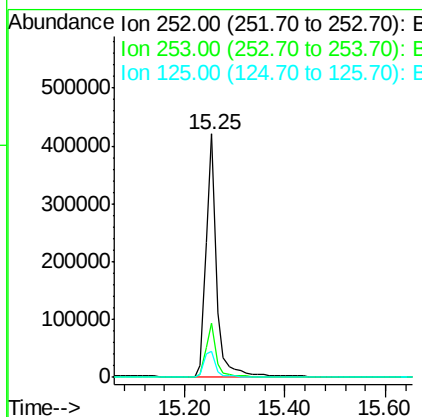
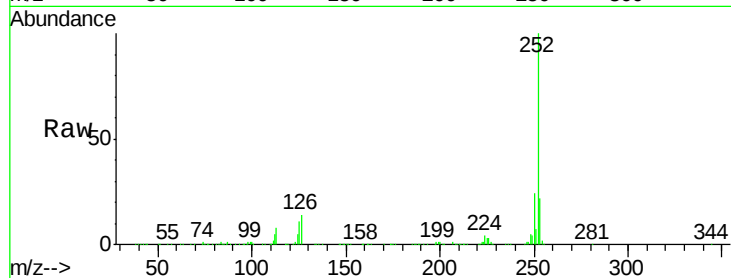
#89
Benzo(a)pyrene
Concen: 31.76 ng
RT: 15.25 min Scan# 1152
Delta R.T. 0.00 min
Lab File: BF086534.D
Acq: 30 Apr 2016 20:11

Instrument :
BNA_F
ClientSampled :
PB90129BS

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.2	25.8
125	10.8	9.0	13.6

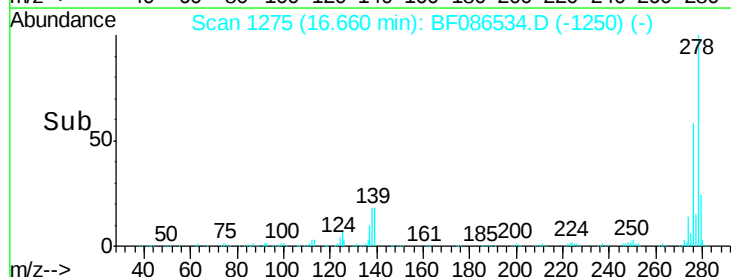
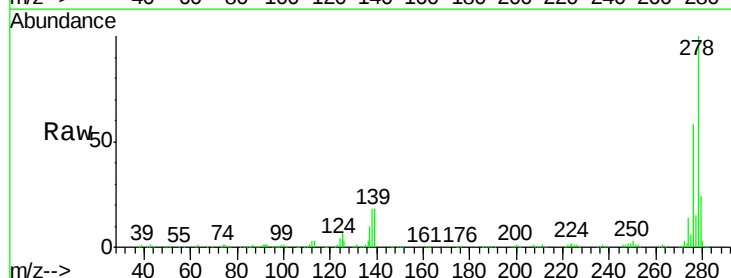
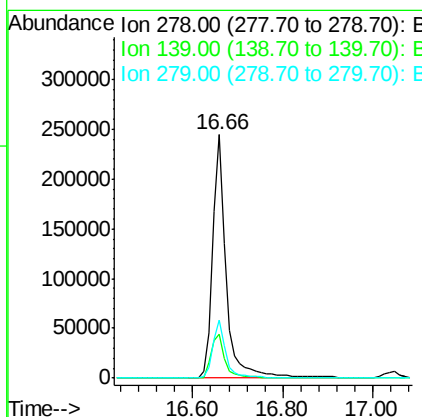
Manual Integrations
APPROVED

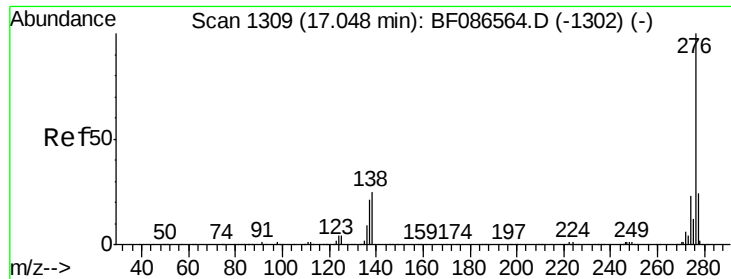
sohil
5/2/2016 7:53:57 PM



#90
Dibenzo(a,h)anthracene
Concen: 32.88 ng
RT: 16.66 min Scan# 1275
Delta R.T. -0.01 min
Lab File: BF086534.D
Acq: 30 Apr 2016 20:11

Tgt Ion	Ratio	Lower	Upper
278	100		
139	18.0	16.6	24.8
279	23.6	19.6	29.4





#91
 Benzo(g,h,i)perylene
 Concen: 32.36 ng
 RT: 17.05 min Scan# 1309
 Delta R.T. -0.01 min
 Lab File: BF086534.D
 Acq: 30 Apr 2016 20:11

Instrument :
 BNA_F
 ClientSampleId :
 PB90129BS

Tgt Ion	Ratio	Resp Lower	Upper
276	100		
277	23.6	19.6	29.4
138	21.8	23.6	35.4

Manual Integrations
 APPROVED

sohil
 5/2/2016 7:53:57 PM

