

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF043016\
 Data File : BF086530.D
 Acq On : 30 Apr 2016 18:17
 Operator : UM/SJ
 Sample : PB90183BS
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB90183BS

Manual Integrations
 APPROVED

sohil
 5/2/2016 7:53:32 PM

Quant Time: May 01 04:20:55 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	135110	20.00	ng	-0.01
21) Naphthalene-d8	8.05	136	594565	20.00	ng	0.00
38) Acenaphthene-d10	9.80	164	284499	20.00	ng	-0.01
63) Phenanthrene-d10	11.29	188	571377	20.00	ng	0.00
75) Chrysene-d12	13.92	240	418721	20.00	ng	0.00
86) Perylene-d12	15.31	264	345373	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.37	112	1021490	130.41	ng	0.01
7) Phenol-d6	6.41	99	1360069	124.41	ng	0.00
23) Nitrobenzene-d5	7.33	82	854700	77.48	ng	-0.01
41) 2,4,6-Tribromophenol	10.60	330	384481	128.15	ng	0.00
44) 2-Fluorobiphenyl	9.14	172	1461940	91.37	ng	0.00
78) Terphenyl-d14	12.88	244	1508074	79.35	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.36	88	133917	32.55	ng	# 78
3) Pyridine	3.06	79	368728	37.86	ng	# 76
4) n-Nitrosodimethylamine	3.00	42	243381	43.85	ng	# 61
6) Aniline	6.43	93	277334	20.96	ng	# 61
8) 2-Chlorophenol	6.56	128	392546	40.24	ng	96
9) Benzaldehyde	6.30	77	47864	7.53	ng	96
10) Phenol	6.42	94	431551	35.38	ng	# 66
11) bis(2-Chloroethyl)ether	6.51	93	428083	40.60	ng	93
12) 1,3-Dichlorobenzene	6.70	146	386785	36.86	ng	# 94
13) 1,4-Dichlorobenzene	6.78	146	419864	38.78	ng	95
14) 1,2-Dichlorobenzene	6.93	146	373546	37.62	ng	95
15) Benzyl Alcohol	6.92	79	317642	45.93	ng	93
16) 2,2'-oxybis(1-Chloropropan	7.06	45	811824	38.46	ng	90
17) 2-Methylphenol	7.04	107	346704	43.97	ng	94
18) Hexachloroethane	7.28	117	148794	36.77	ng	97
19) n-Nitroso-di-n-propylamine	7.18	70	289523	40.07	ng	# 70
20) 3+4-Methylphenols	7.18	107	388030	43.10	ng	# 89
22) Acetophenone	7.18	105	539157	41.36	ng	# 91
24) Nitrobenzene	7.36	77	458357	40.39	ng	95
25) Isophorone	7.60	82	813557	38.32	ng	98
26) 2-Nitrophenol	7.68	139	212062	40.59	ng	97
27) 2,4-Dimethylphenol	7.72	122	384467	41.94	ng	97
28) bis(2-Chloroethoxy)methane	7.81	93	492413	42.58	ng	98
29) 2,4-Dichlorophenol	7.92	162	342155	44.24	ng	99
30) 1,2,4-Trichlorobenzene	8.00	180	337508	37.62	ng	96
31) Naphthalene	8.08	128	1157791	38.27	ng	99
32) Benzoic acid	7.85	122	179442	35.19	ng	86
33) 4-Chloroaniline	8.13	127	114652	10.12	ng	99
34) Hexachlorobutadiene	8.20	225	183322	36.45	ng	98
35) Caprolactam	8.50	113	113675m	44.06	ng	
36) 4-Chloro-3-methylphenol	8.62	107	390918	44.14	ng	97
37) 2-Methylnaphthalene	8.77	142	755629	42.33	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.93	216	299628	36.79	ng	98
40) Hexachlorocyclopentadiene	8.92	237	313683	77.51	ng	95

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF043016\
 Data File : BF086530.D
 Acq On : 30 Apr 2016 18:17
 Operator : UM/SJ
 Sample : PB90183BS
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB90183BS

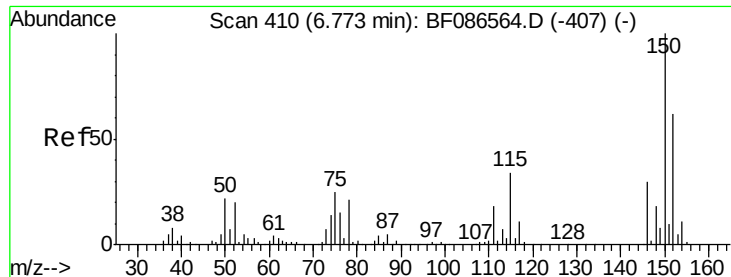
Manual Integrations
 APPROVED

sohil
 5/2/2016 7:53:32 PM

Quant Time: May 01 04:20:55 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	219241	42.59	ng	94
43) 2,4,5-Trichlorophenol	9.09	196	232388	41.42	ng #	92
45) 1,1'-Biphenyl	9.23	154	880209	37.01	ng	96
46) 2-Chloronaphthalene	9.25	162	682495	37.75	ng	94
47) 2-Nitroaniline	9.36	65	278009	47.95	ng	93
48) Acenaphthylene	9.66	152	1074842	38.03	ng	98
49) Dimethylphthalate	9.54	163	870934	40.66	ng	100
50) 2,6-Dinitrotoluene	9.60	165	181793	41.09	ng #	86
51) Acenaphthene	9.84	154	766800	42.24	ng	98
52) 3-Nitroaniline	9.77	138	79726	15.84	ng	97
53) 2,4-Dinitrophenol	9.87	184	180127	74.99	ng #	75
54) Dibenzofuran	10.02	168	978271	43.12	ng	94
55) 4-Nitrophenol	9.94	139	298035	90.45	ng #	74
56) 2,4-Dinitrotoluene	10.00	165	247236	43.83	ng #	83
57) Fluorene	10.35	166	715781	36.34	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.13	232	202076	46.07	ng	98
59) Diethylphthalate	10.24	149	812578	40.08	ng	98
60) 4-Chlorophenyl-phenylether	10.35	204	358947	40.13	ng #	85
61) 4-Nitroaniline	10.38	138	205685	41.81	ng	92
62) Azobenzene	10.51	77	1007602	45.37	ng	90
64) 4,6-Dinitro-2-methylphenol	10.41	198	135243	40.32	ng #	73
65) n-Nitrosodiphenylamine	10.46	169	676146	37.86	ng	100
66) 4-Bromophenyl-phenylether	10.84	248	213276	36.22	ng #	78
67) Hexachlorobenzene	10.90	284	247816	36.36	ng #	79
68) Atrazine	11.00	200	247618	46.18	ng	95
69) Pentachlorophenol	11.09	266	257379	71.63	ng	99
70) Phenanthrene	11.31	178	1115263	37.19	ng	99
71) Anthracene	11.37	178	1304414	40.76	ng	100
72) Carbazole	11.52	167	1108394	39.08	ng	99
73) Di-n-butylphthalate	11.86	149	1335153	41.55	ng	99
74) Fluoranthene	12.50	202	1247772	41.22	ng	92
76) Benzidine	12.62	184	349888	24.32	ng	95
77) Pyrene	12.72	202	1202012	39.84	ng	100
79) Butylbenzylphthalate	13.34	149	515470	39.45	ng #	72
80) Benzo(a)anthracene	13.91	228	917041	41.08	ng	99
81) 3,3'-Dichlorobenzidine	13.87	252	156118	10.46	ng	98
82) Chrysene	13.94	228	956983	39.44	ng	99
83) Bis(2-ethylhexyl)phthalate	13.91	149	567651	35.00	ng #	95
84) Di-n-octyl phthalate	14.52	149	989279	38.95	ng #	90
85) Indeno(1,2,3-cd)pyrene	16.65	276	842812	46.87	ng	97
87) Benzo(b)fluoranthene	14.92	252	876186m	43.12	ng	
88) Benzo(k)fluoranthene	14.95	252	778880m	36.75	ng	
89) Benzo(a)pyrene	15.25	252	776173	40.46	ng	97
90) Dibenzo(a,h)anthracene	16.66	278	700368	44.61	ng	99
91) Benzo(g,h,i)perylene	17.05	276	711089	45.20	ng	96

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



#1

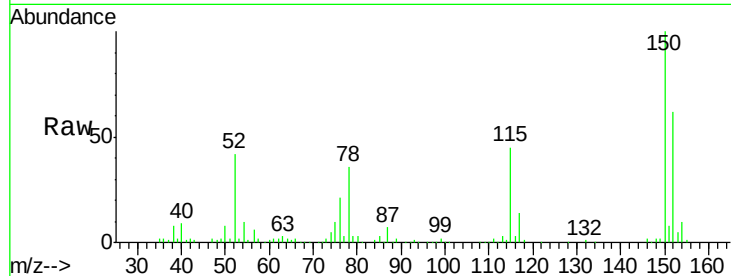
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.76 min Scan# 409
Delta R.T. -0.01 min
Lab File: BF086530.D
Acq: 30 Apr 2016 18:17

Instrument :
BNA_F
ClientSampleId :
PB90183BS

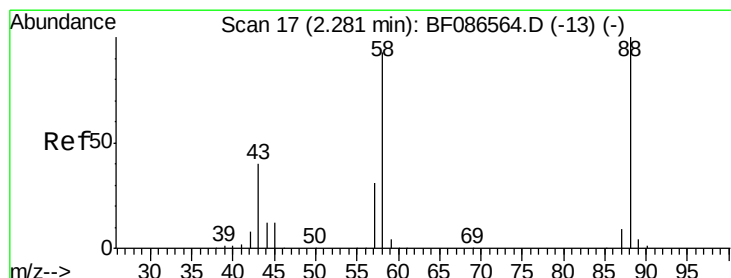
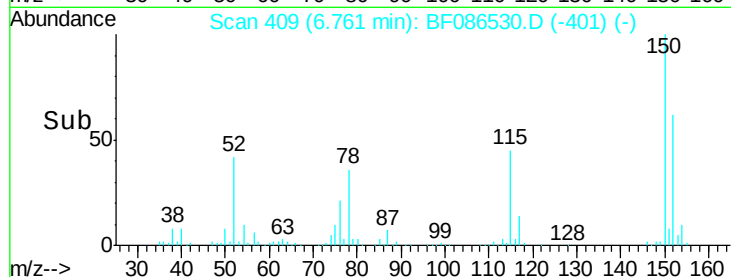
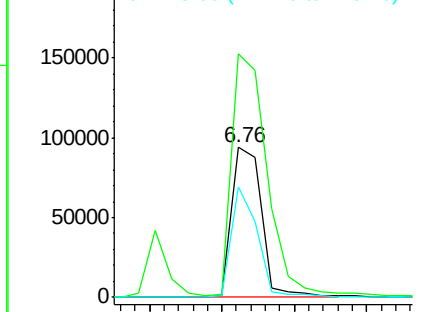
Tgt Ion	Ratio	Lower	Upper
152	100		
150	162.4	125.8	188.6
115	73.8	51.5	77.3

Manual Integrations
APPROVED

sohil
5/2/2016 7:53:32 PM



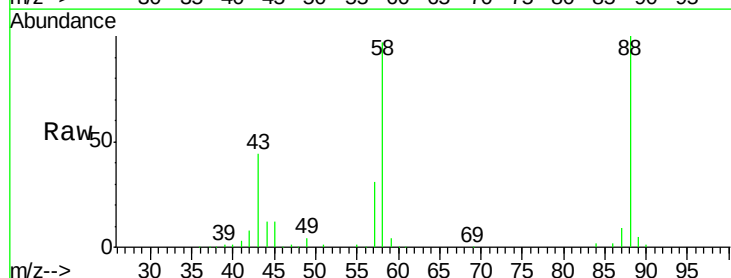
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



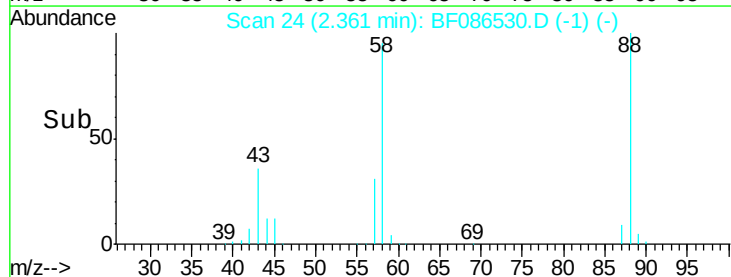
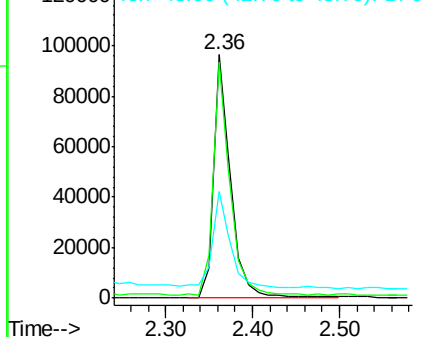
#2

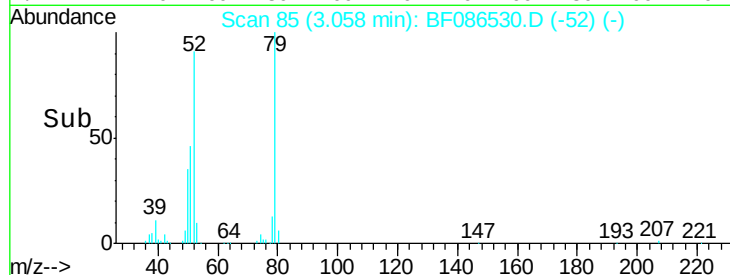
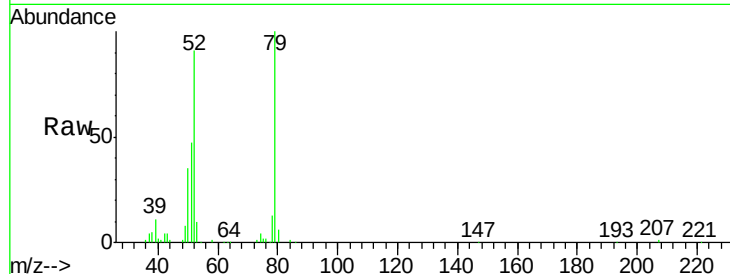
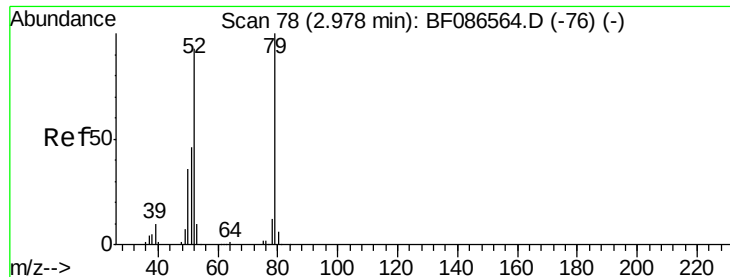
1,4-Dioxane
Concen: 32.55 ng
RT: 2.36 min Scan# 24
Delta R.T. 0.07 min
Lab File: BF086530.D
Acq: 30 Apr 2016 18:17

Tgt Ion	Ratio	Lower	Upper
88	100		
58	92.7	59.6	89.4#
43	39.3	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





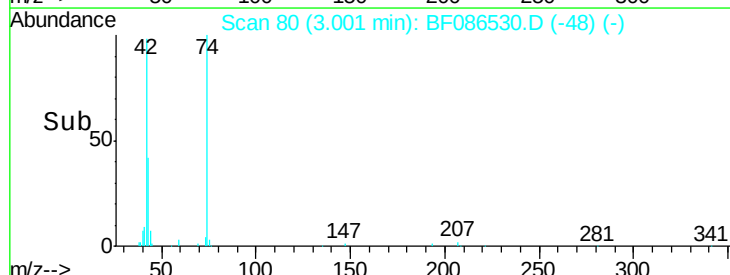
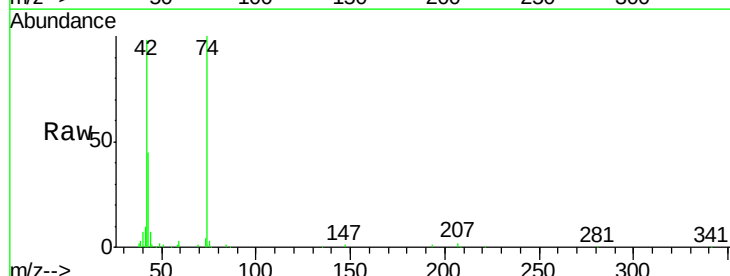
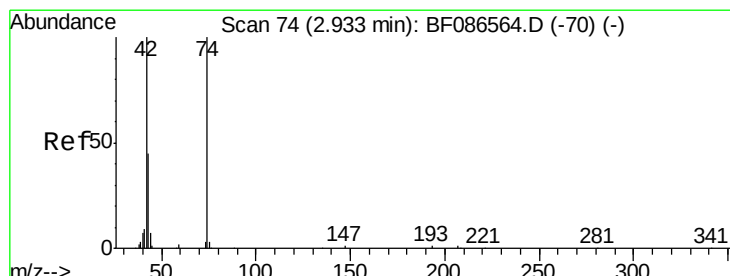
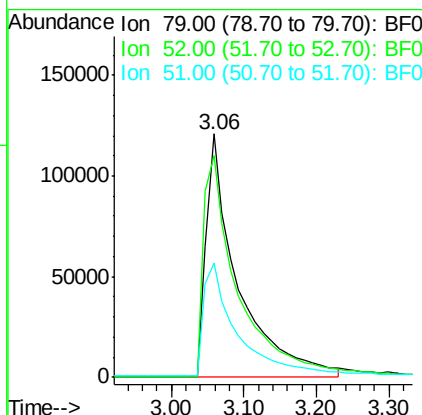
#3
 Pyridine
 Concen: 37.86 ng
 RT: 3.06 min Scan# 85
 Delta R.T. 0.08 min
 Lab File: BF086530.D
 Acq: 30 Apr 2016 18:17

Tgt Ion	Ratio	Lower	Upper
79	100		
52	91.0	55.9	83.9#
51	46.9	28.1	42.1#

Instrument :
 BNA_F
 ClientSampleId :
 PB90183BS

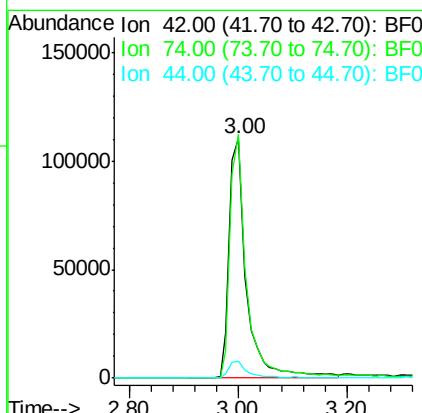
Manual Integrations
 APPROVED

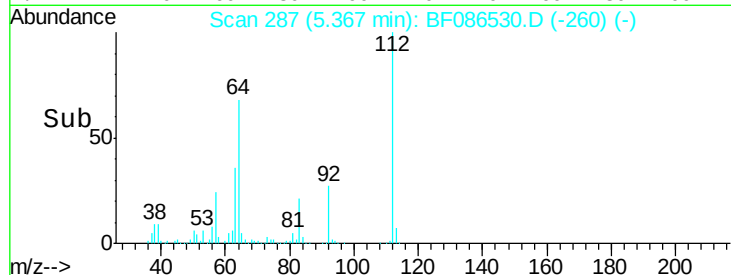
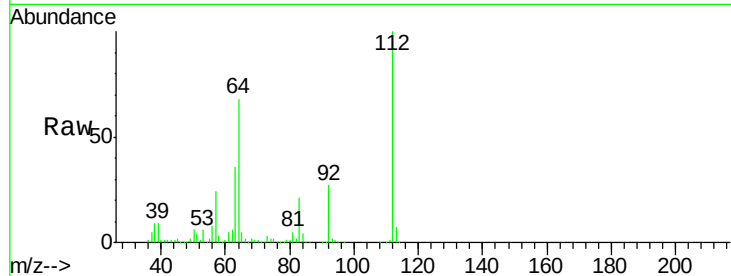
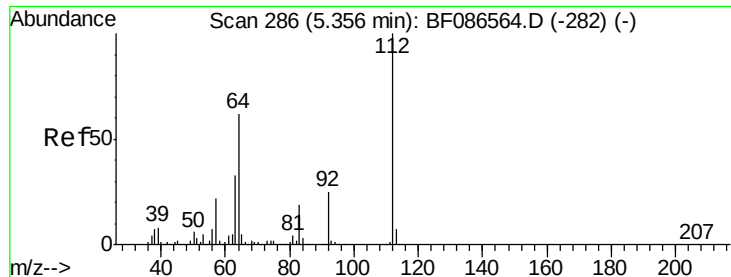
sohil
 5/2/2016 7:53:32 PM



#4
 n-Nitrosodimethylamine
 Concen: 43.85 ng
 RT: 3.00 min Scan# 80
 Delta R.T. 0.07 min
 Lab File: BF086530.D
 Acq: 30 Apr 2016 18:17

Tgt Ion	Ratio	Lower	Upper
42	100		
74	101.7	123.4	185.0#
44	7.0	5.8	8.6





#5

2-Fluorophenol

Concen: 130.41 ng

RT: 5.37 min Scan# 287

Delta R.T. 0.01 min

Lab File: BF086530.D

Acq: 30 Apr 2016 18:17

Tgt Ion:	112	Resp:	1021490
Ion Ratio	Lower	Upper	
112	100		
64	68.5	52.1	78.1
63	36.5	25.7	38.5

Instrument :

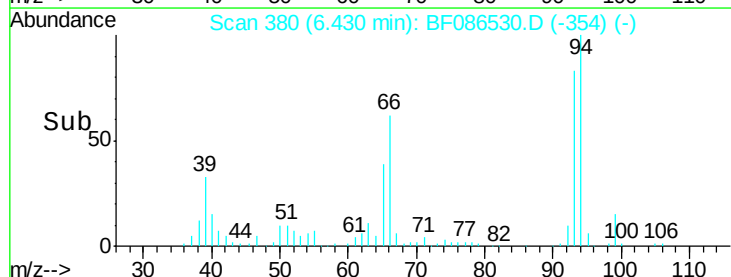
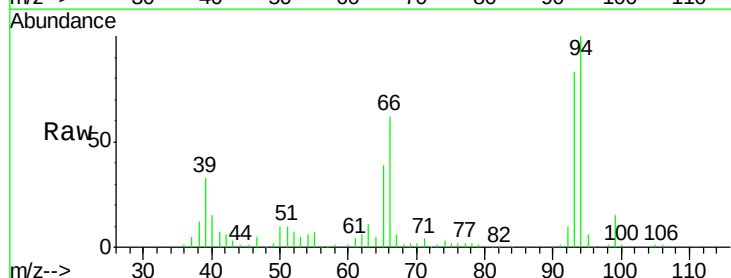
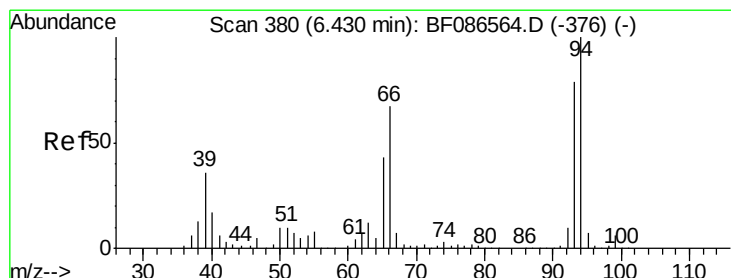
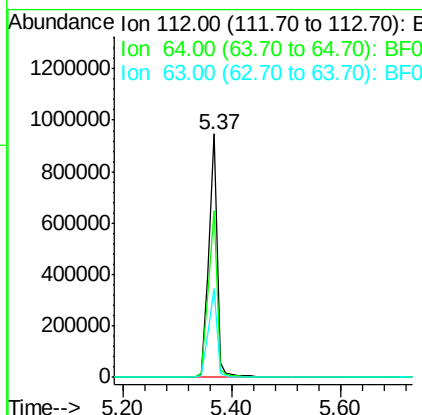
BNA_F

ClientSampleId :

PB90183BS

Manual Integrations
APPROVED

sohil
5/2/2016 7:53:32 PM



#6

Aniline

Concen: 20.96 ng

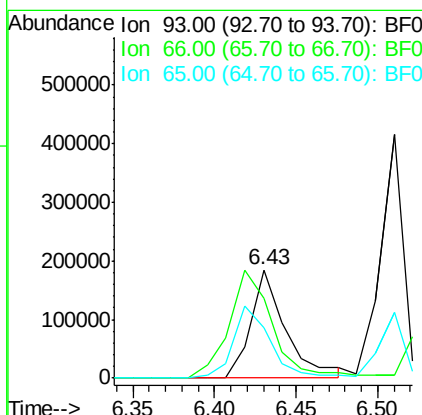
RT: 6.43 min Scan# 380

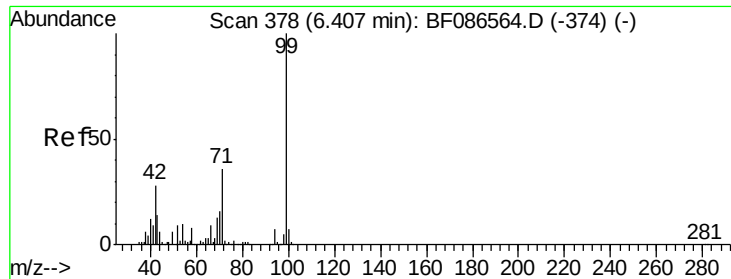
Delta R.T. -0.00 min

Lab File: BF086530.D

Acq: 30 Apr 2016 18:17

Tgt Ion:	93	Resp:	277334
Ion Ratio	Lower	Upper	
93	100		
66	74.2	39.0	58.6#
65	46.5	20.6	31.0#





#7

Phenol-d6

Concen: 124.41 ng

RT: 6.41 min Scan# 378

Delta R.T. -0.00 min

Lab File: BF086530.D

Acq: 30 Apr 2016 18:17

Instrument :

BNA_F

ClientSampleId :

PB90183BS

Tgt Ion: 99 Resp: 1360069

Ion Ratio Lower Upper

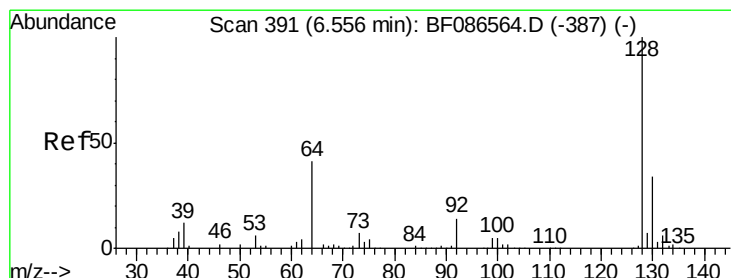
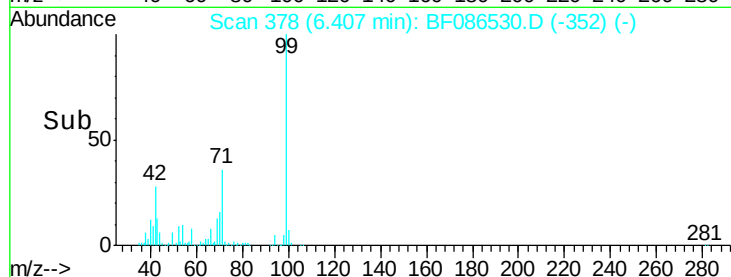
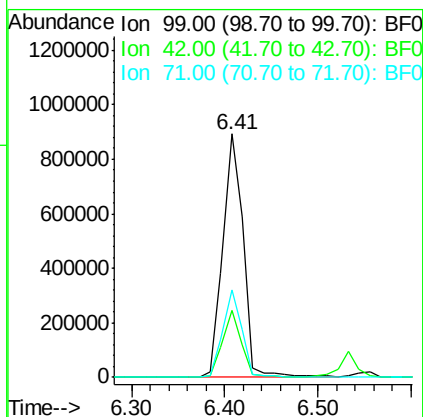
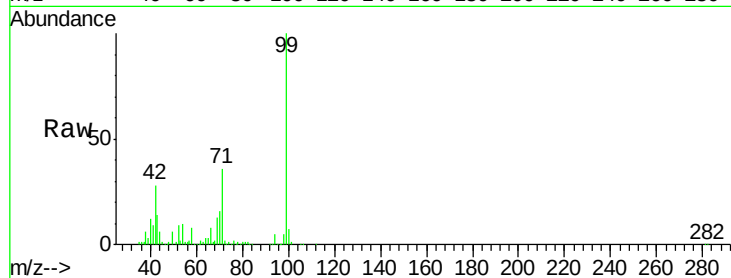
99 100

42 27.8 13.6 20.4#

71 36.1 24.6 36.8

Manual Integrations
APPROVED

sohil
5/2/2016 7:53:32 PM



#8

2-Chlorophenol

Concen: 40.24 ng

RT: 6.56 min Scan# 391

Delta R.T. -0.00 min

Lab File: BF086530.D

Acq: 30 Apr 2016 18:17

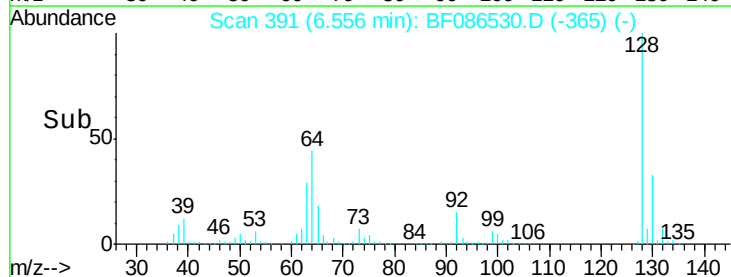
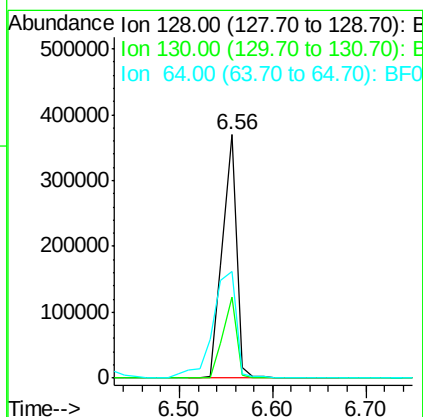
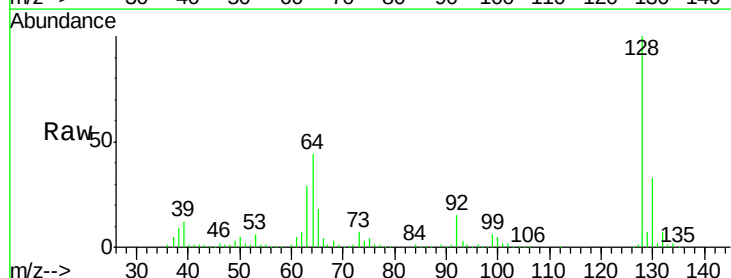
Tgt Ion: 128 Resp: 392546

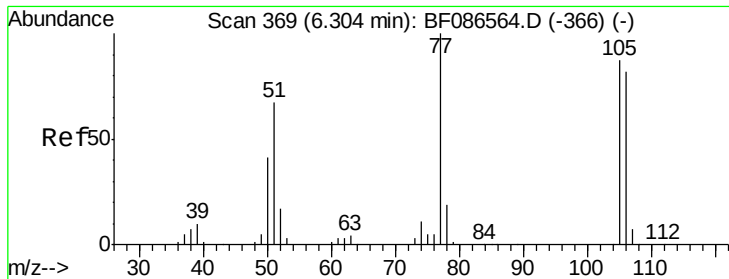
Ion Ratio Lower Upper

128 100

130 33.4 12.5 52.5

64 43.9 27.3 67.3





#9

Benzaldehyde

Concen: 7.53 ng

RT: 6.30 min Scan# 369

Delta R.T. -0.01 min

Lab File: BF086530.D

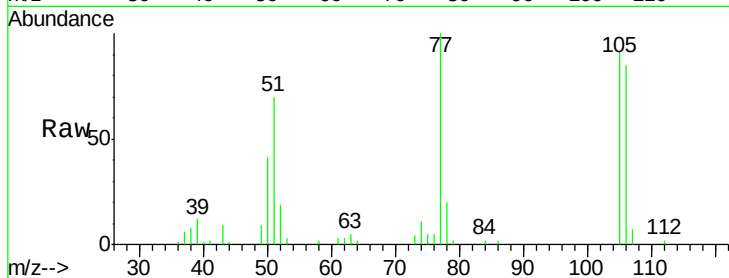
Acq: 30 Apr 2016 18:17

Instrument :

BNA_F

ClientSampleId :

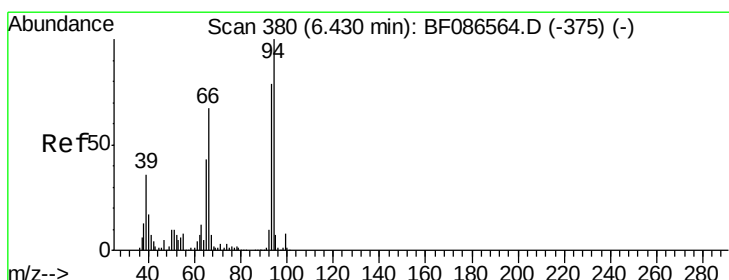
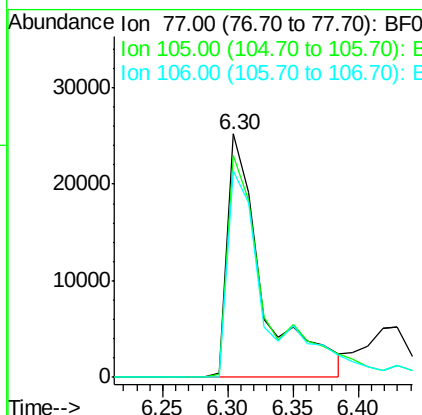
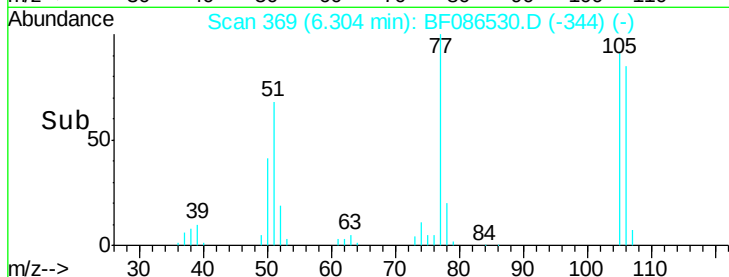
PB90183BS



Tgt Ion:	77	Resp:	47864
Ion	Ratio	Lower	Upper
77	100		
105	91.1	72.7	112.7
106	84.9	70.8	110.8

Manual Integrations
APPROVED

sohil
5/2/2016 7:53:32 PM



#10

Phenol

Concen: 35.38 ng

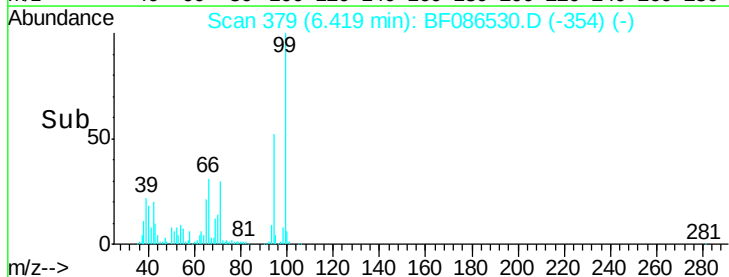
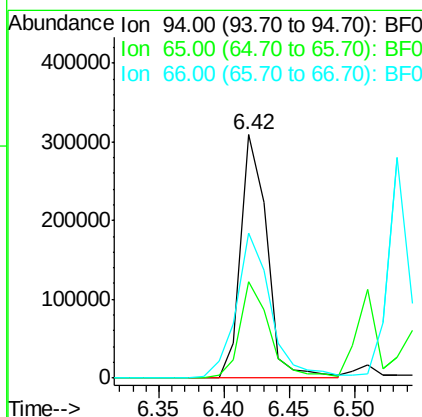
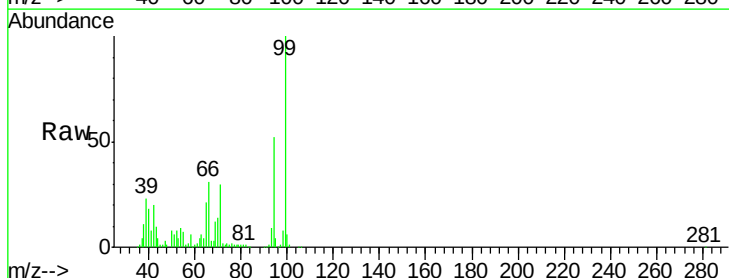
RT: 6.42 min Scan# 379

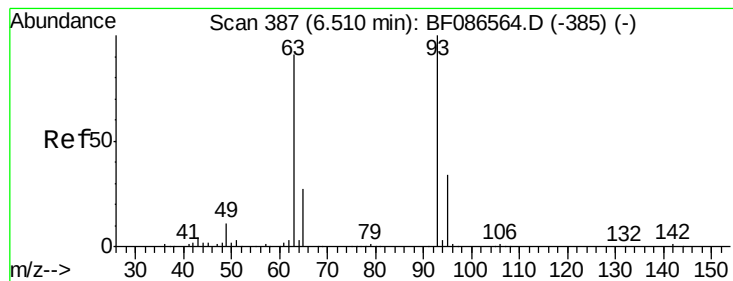
Delta R.T. -0.01 min

Lab File: BF086530.D

Acq: 30 Apr 2016 18:17

Tgt Ion:	94	Resp:	431551
Ion	Ratio	Lower	Upper
94	100		
65	39.6	7.2	47.2
66	59.4	14.9	54.9#





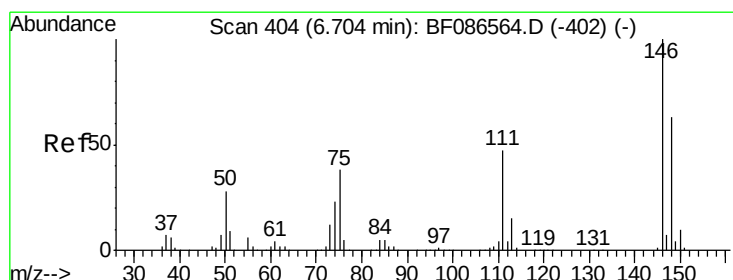
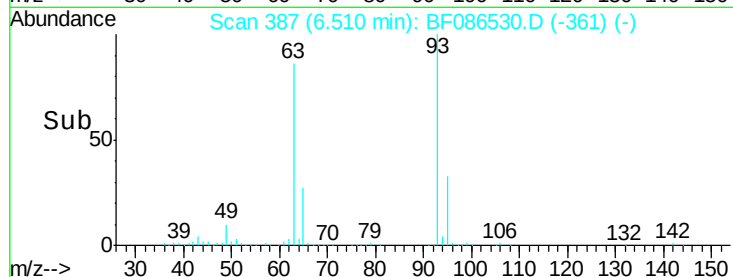
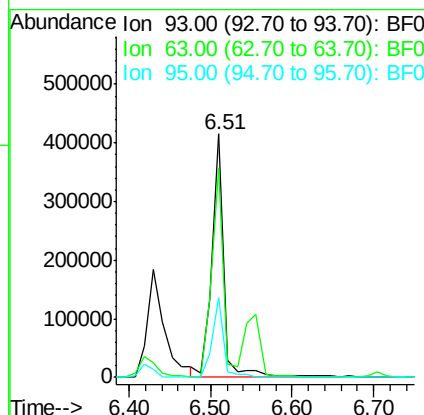
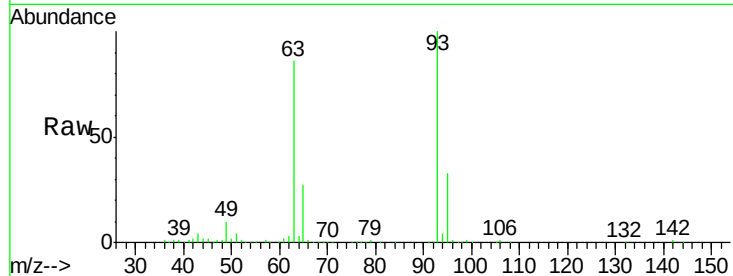
#11
bis(2-Chloroethyl)ether
Concen: 40.60 ng
RT: 6.51 min Scan# 387
Delta R.T. -0.00 min
Lab File: BF086530.D
Acq: 30 Apr 2016 18:17

Instrument :
BNA_F
ClientSampleId :
PB90183BS

Tgt Ion	Ratio	Resp Lower	Upper
93	100		
63	85.7	58.0	98.0
95	32.7	11.9	51.9

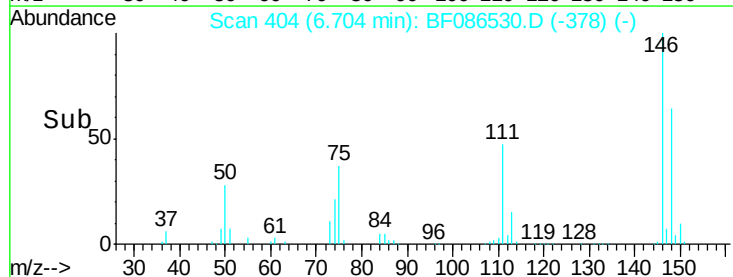
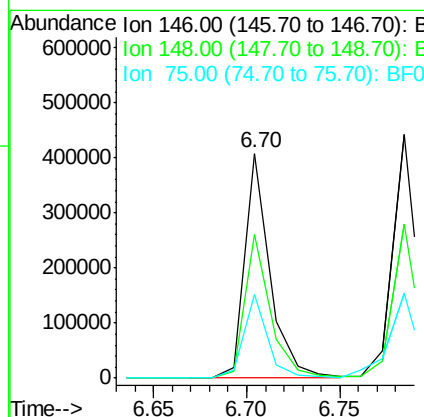
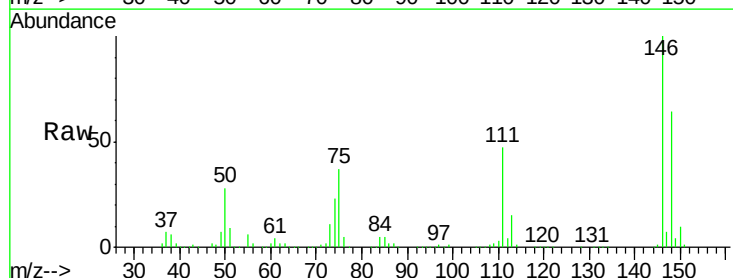
Manual Integrations
APPROVED

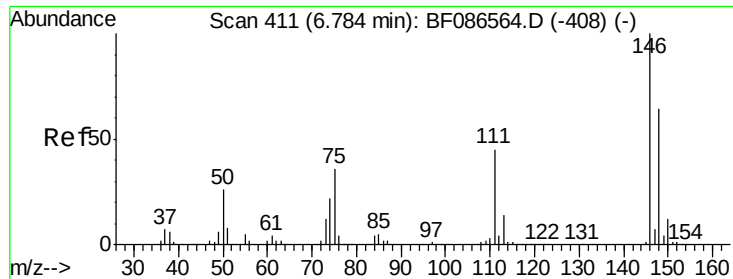
sohil
5/2/2016 7:53:32 PM



#12
1,3-Dichlorobenzene
Concen: 36.86 ng
RT: 6.70 min Scan# 404
Delta R.T. -0.00 min
Lab File: BF086530.D
Acq: 30 Apr 2016 18:17

Tgt Ion	Ratio	Resp Lower	Upper
146	100		
148	63.9	52.4	78.6
75	37.3	22.8	34.2





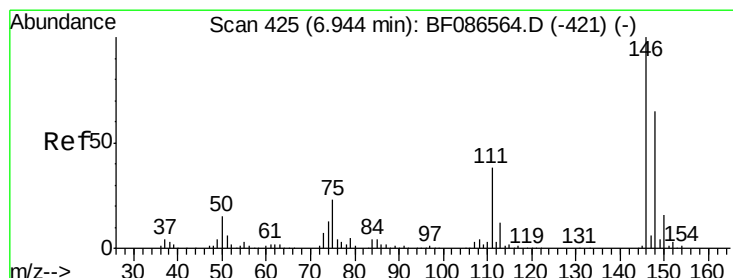
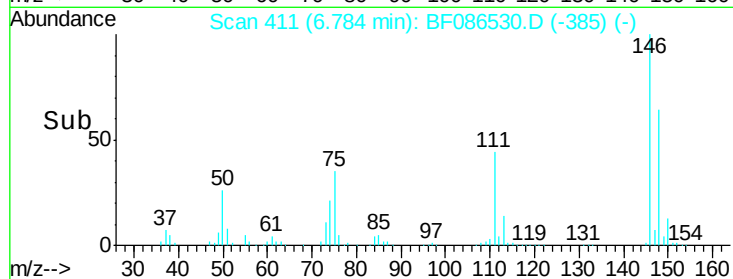
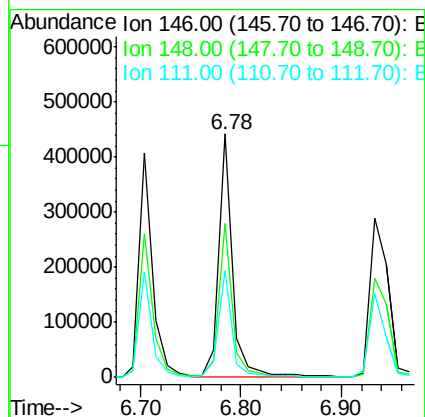
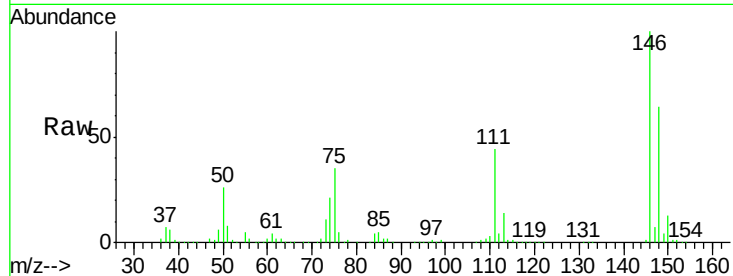
#13
 1,4-Dichlorobenzene
 Concen: 38.78 ng
 RT: 6.78 min Scan# 411
 Delta R.T. -0.00 min
 Lab File: BF086530.D
 Acq: 30 Apr 2016 18:17

Instrument :
 BNA_F
 ClientSampled :
 PB90183BS

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	419864		
148	63.5	52.2	78.4	
111	43.6	30.7	46.1	

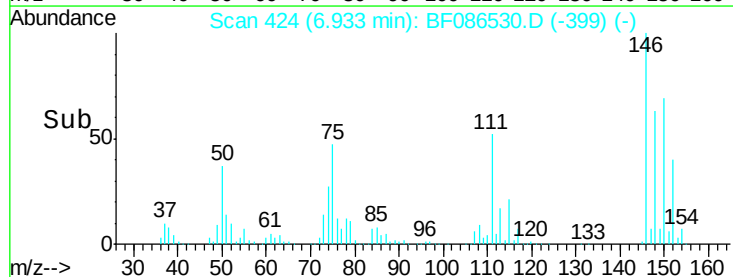
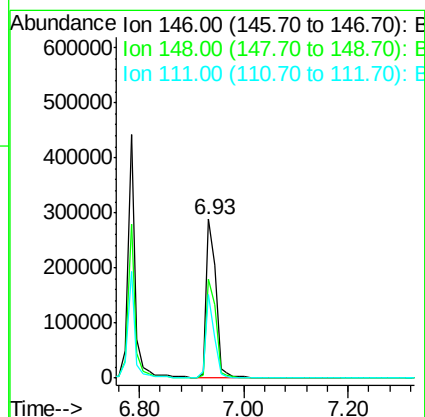
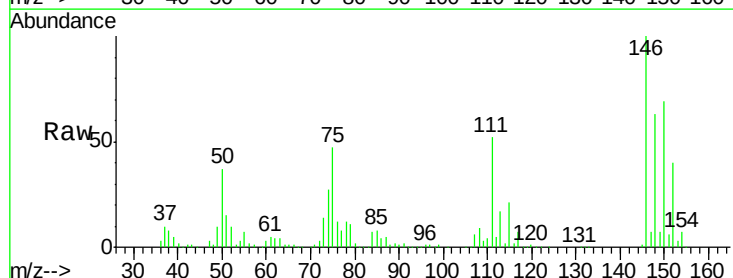
Manual Integrations
 APPROVED

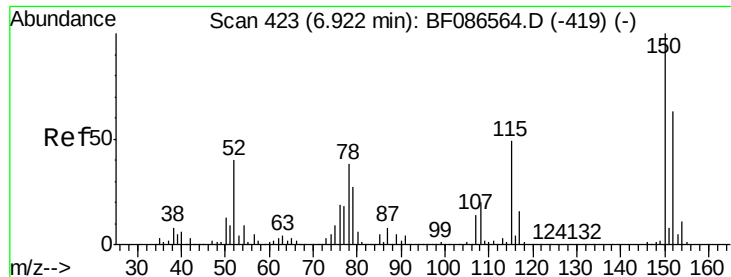
sohil
 5/2/2016 7:53:32 PM



#14
 1,2-Dichlorobenzene
 Concen: 37.62 ng
 RT: 6.93 min Scan# 424
 Delta R.T. -0.01 min
 Lab File: BF086530.D
 Acq: 30 Apr 2016 18:17

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	373546		
148	62.5	51.0	76.6	
111	52.4	36.2	54.4	





#15

Benzyl Alcohol

Concen: 45.93 ng

RT: 6.92 min Scan# 423

Delta R.T. -0.00 min

Lab File: BF086530.D

Acq: 30 Apr 2016 18:17

Instrument :

BNA_F

ClientSampleId :

PB90183BS

Tgt Ion: 79 Resp: 317642

Ion Ratio Lower Upper

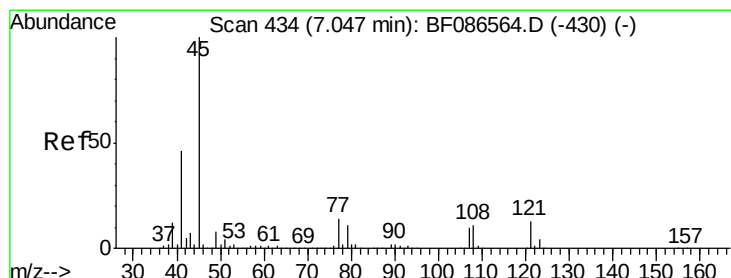
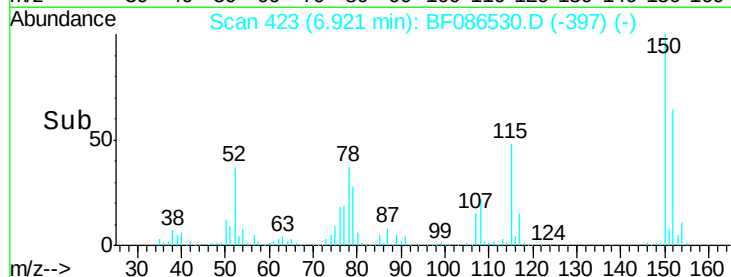
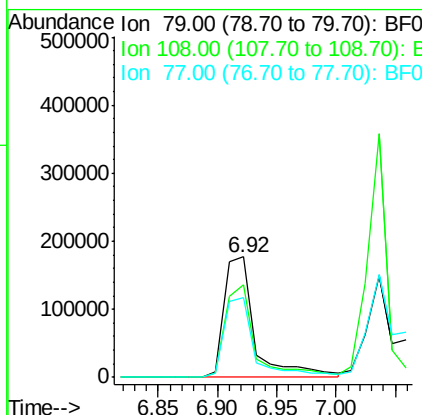
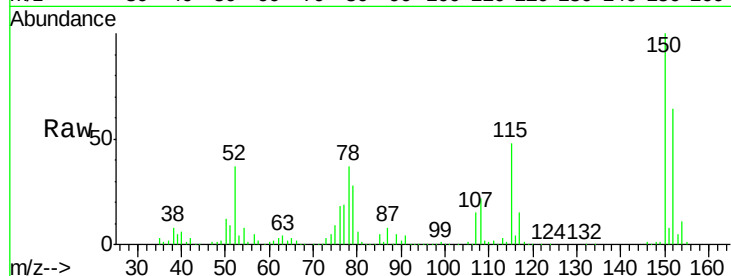
79 100

108 77.0 68.4 102.6

77 66.3 50.6 76.0

Manual Integrations
APPROVED

sohil
5/2/2016 7:53:32 PM



#16

2,2'-oxybis(1-Chloropropane)

Concen: 38.46 ng

RT: 7.06 min Scan# 435

Delta R.T. -0.00 min

Lab File: BF086530.D

Acq: 30 Apr 2016 18:17

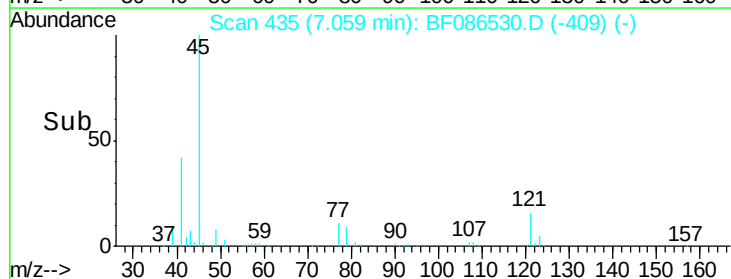
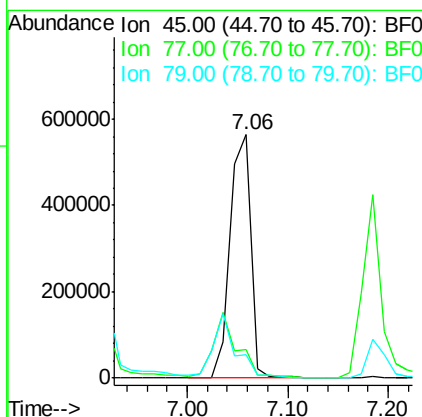
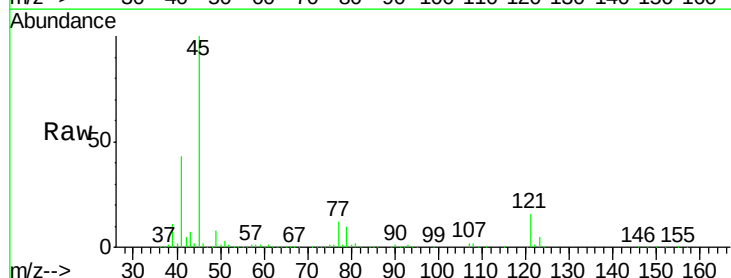
Tgt Ion: 45 Resp: 811824

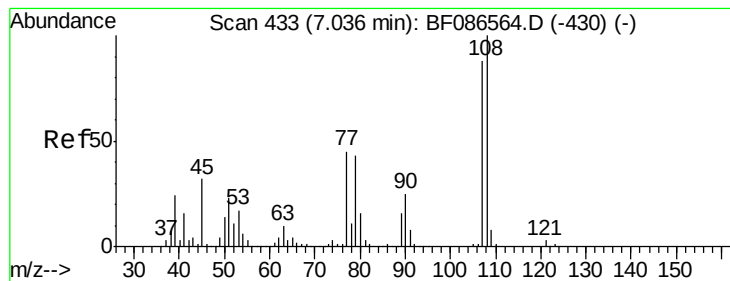
Ion Ratio Lower Upper

45 100

77 11.9 0.0 36.4

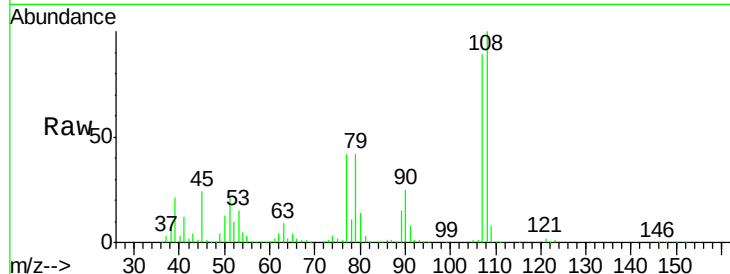
79 9.7 0.0 33.4





#17
 2-Methylphenol
 Concen: 43.97 ng
 RT: 7.04 min Scan# 433
 Delta R.T. -0.00 min
 Lab File: BF086530.D
 Acq: 30 Apr 2016 18:17

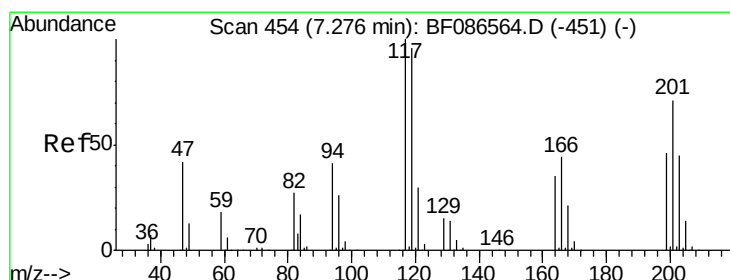
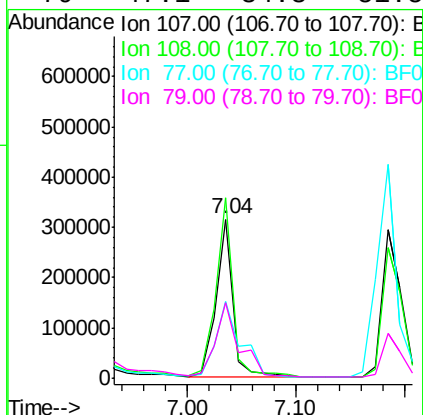
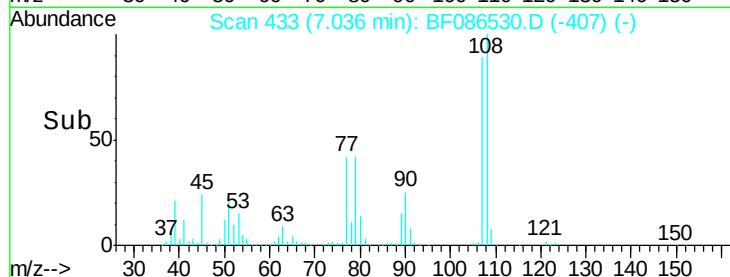
Instrument :
 BNA_F
 ClientSampleId :
 PB90183BS



Tgt Ion:	107	Resp:	346704
Ion Ratio	Lower	Upper	
107	100		
108	112.9	93.7	140.5
77	47.9	33.4	50.0
79	47.1	34.3	51.5

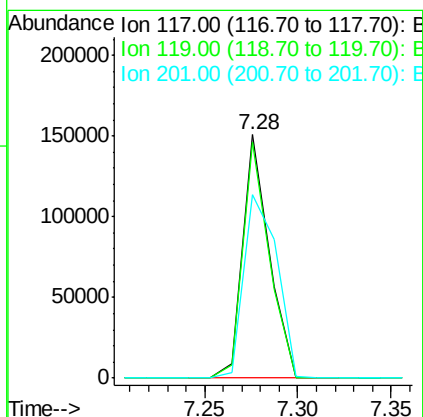
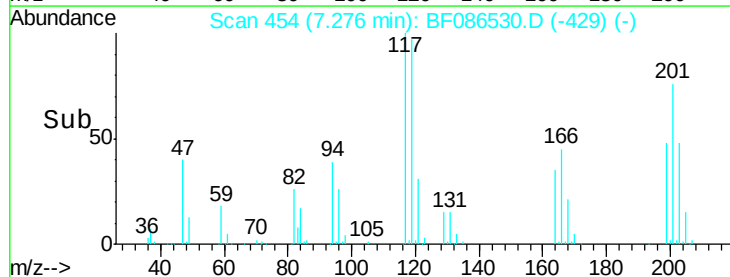
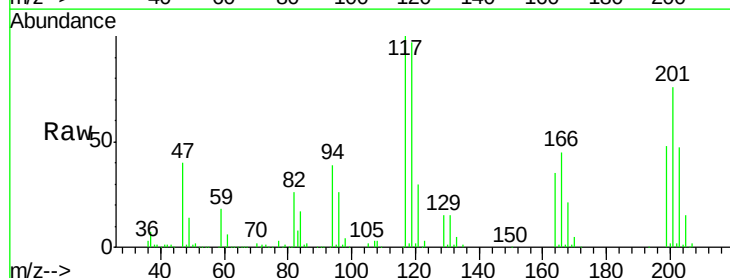
Manual Integrations
 APPROVED

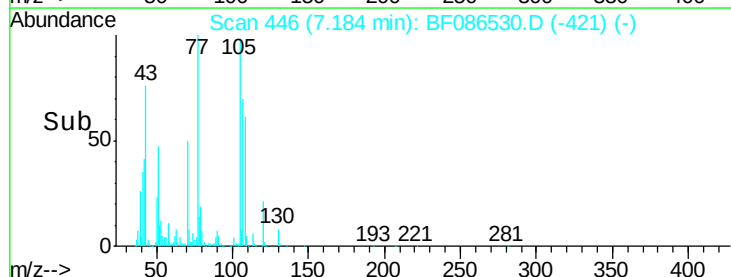
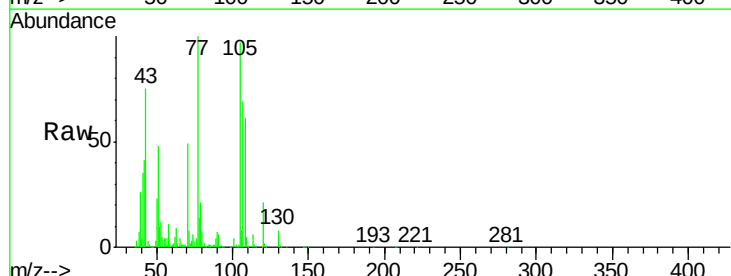
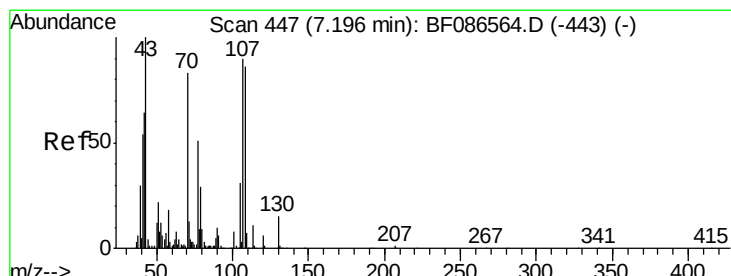
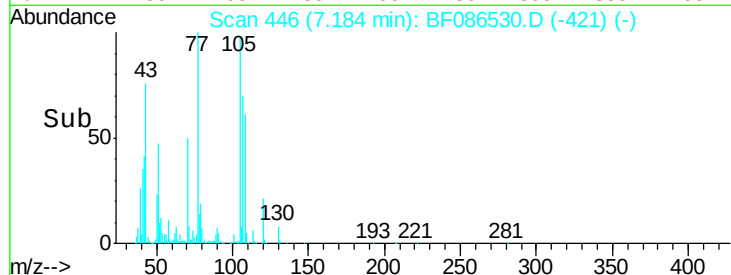
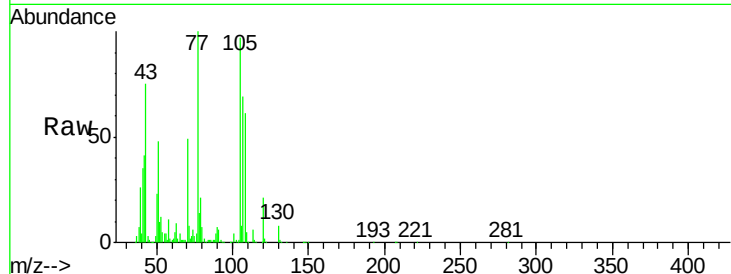
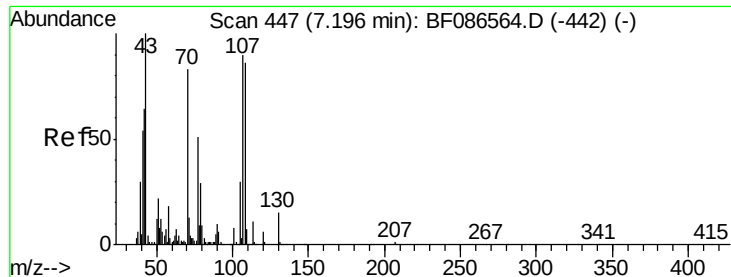
sohil
 5/2/2016 7:53:32 PM



#18
 Hexachloroethane
 Concen: 36.77 ng
 RT: 7.28 min Scan# 454
 Delta R.T. -0.01 min
 Lab File: BF086530.D
 Acq: 30 Apr 2016 18:17

Tgt Ion:	117	Resp:	148794
Ion Ratio	Lower	Upper	
117	100		
119	97.2	76.5	114.7
201	75.5	63.0	94.6





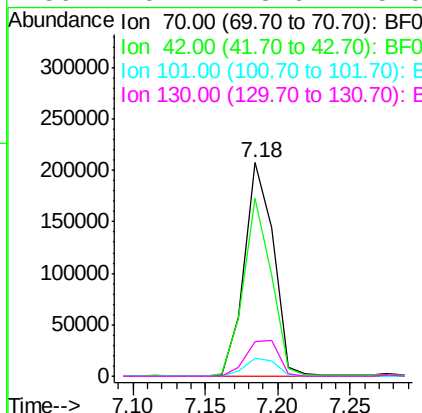
#19
n-Nitroso-di-n-propylamine
Concen: 40.07 ng
RT: 7.18 min Scan# 446
Delta R.T. -0.01 min
Lab File: BF086530.D
Acq: 30 Apr 2016 18:17

Instrument :
BNA_F
ClientSampleId :
PB90183BS

Tgt Ion	Ratio	Resp Lower	Upper
70	100		
42	83.6	43.1	64.7#
101	8.4	8.1	12.1
130	16.4	18.6	28.0#

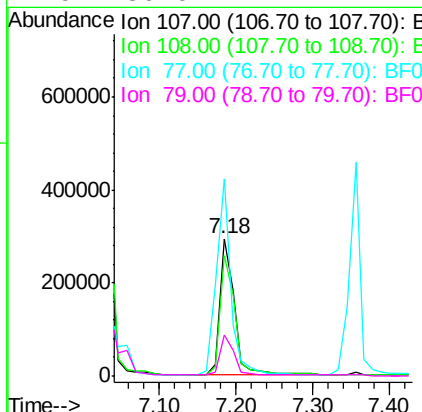
Manual Integrations
APPROVED

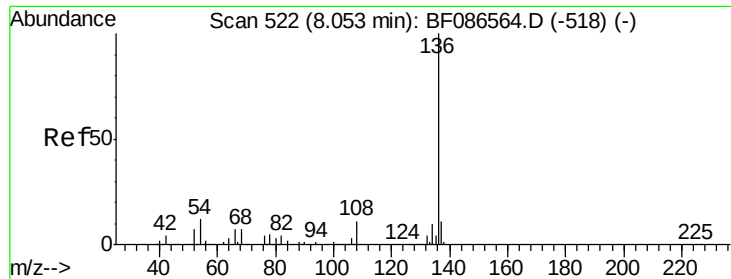
sohil
5/2/2016 7:53:32 PM



#20
3+4-Methylphenols
Concen: 43.10 ng
RT: 7.18 min Scan# 446
Delta R.T. -0.01 min
Lab File: BF086530.D
Acq: 30 Apr 2016 18:17

Tgt Ion	Ratio	Resp Lower	Upper
107	100		
108	87.7	68.5	108.5
77	144.0	101.6	141.6#
79	30.0	7.4	47.4





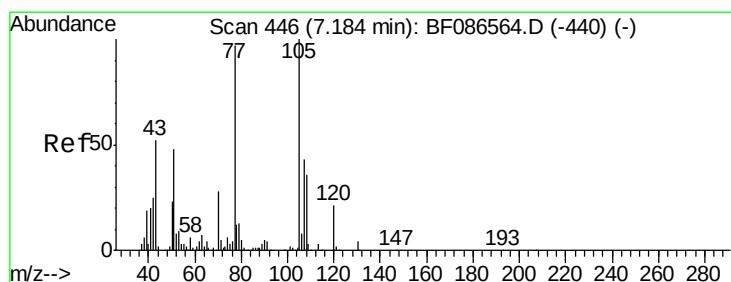
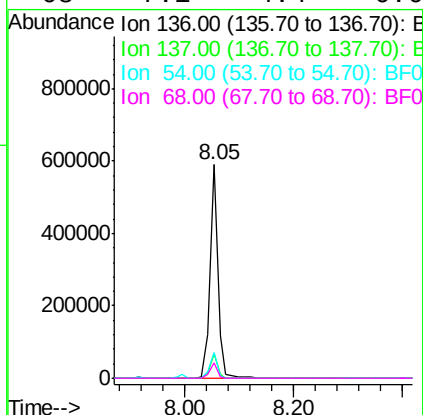
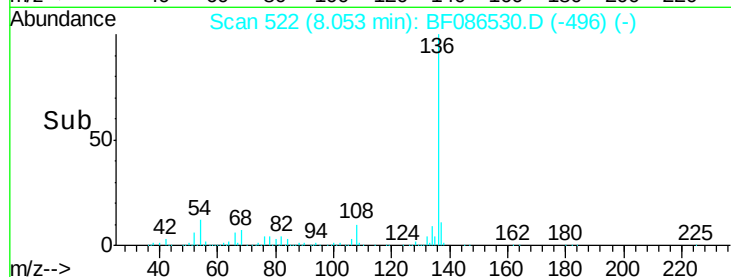
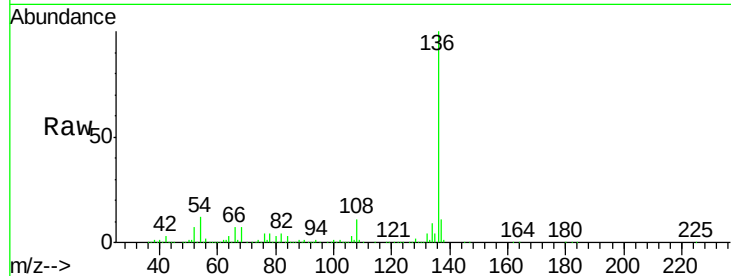
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.05 min Scan# 522
Delta R.T. -0.00 min
Lab File: BF086530.D
Acq: 30 Apr 2016 18:17

Instrument :
BNA_F
ClientSampleId :
PB90183BS

Tgt Ion	Ratio	Resp Lower	Upper
136	100		
137	11.2	8.8	13.2
54	11.8	5.0	7.4#
68	7.1	4.4	6.6#

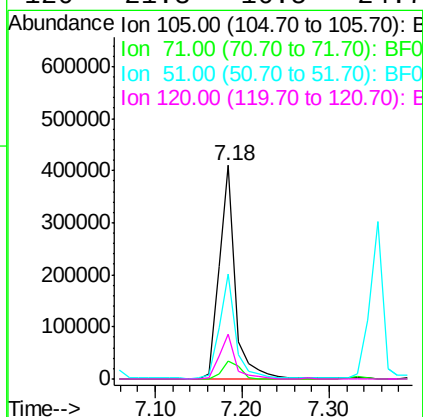
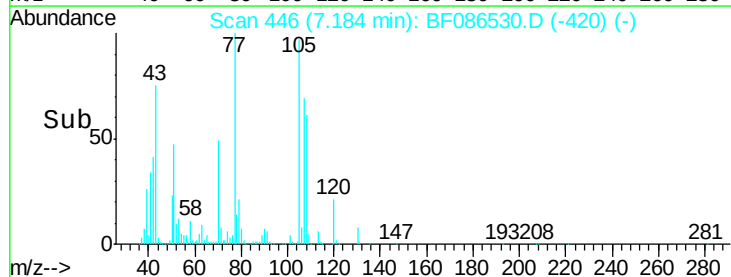
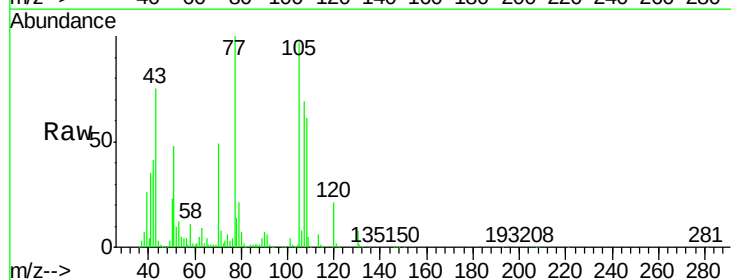
Manual Integrations
APPROVED

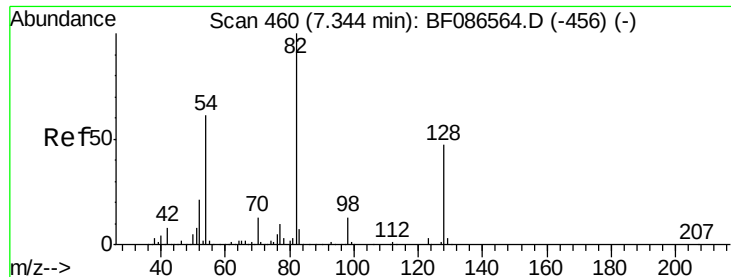
sohil
5/2/2016 7:53:32 PM



#22
Acetophenone
Concen: 41.36 ng
RT: 7.18 min Scan# 446
Delta R.T. -0.00 min
Lab File: BF086530.D
Acq: 30 Apr 2016 18:17

Tgt Ion	Ratio	Resp Lower	Upper
105	100		
71	8.4	4.8	7.2#
51	49.4	32.6	49.0#
120	21.3	16.5	24.7





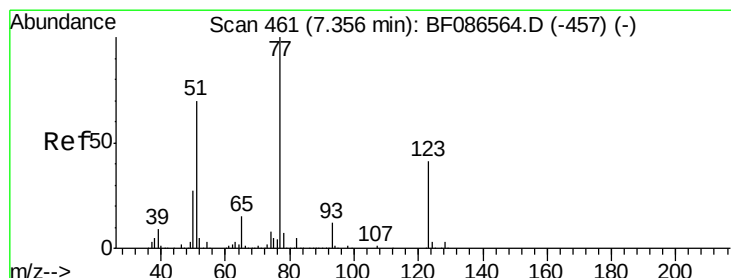
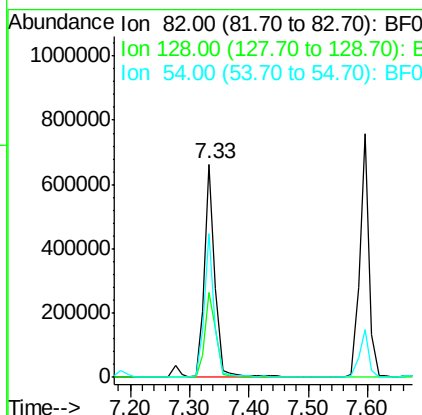
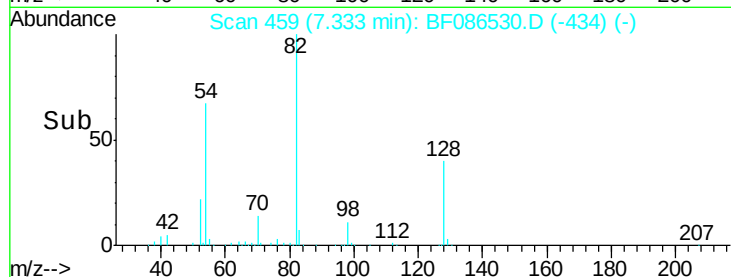
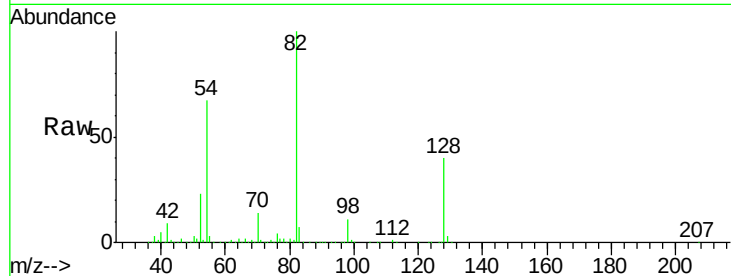
#23
 Nitrobenzene-d5
 Concen: 77.48 ng
 RT: 7.33 min Scan# 459
 Delta R.T. -0.01 min
 Lab File: BF086530.D
 Acq: 30 Apr 2016 18:17

Instrument :
 BNA_F
 ClientSampleId :
 PB90183BS

Tgt Ion	Ratio	Lower	Upper
82	100		
128	39.7	40.6	61.0#
54	67.4	38.1	57.1#

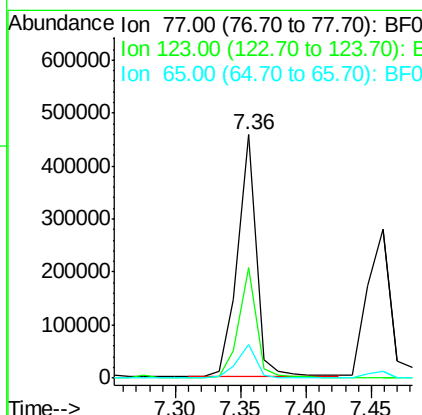
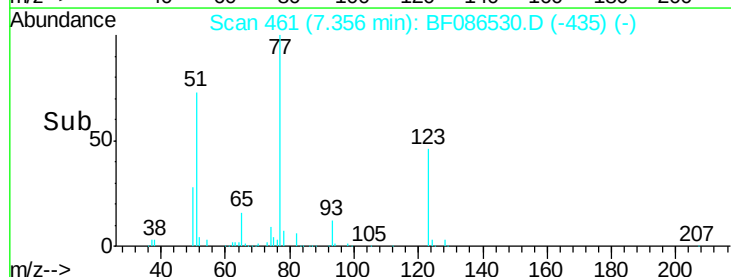
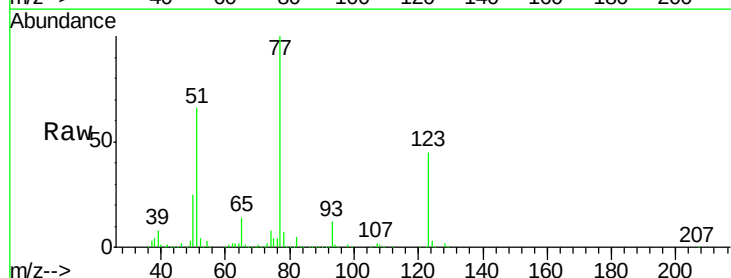
Manual Integrations
 APPROVED

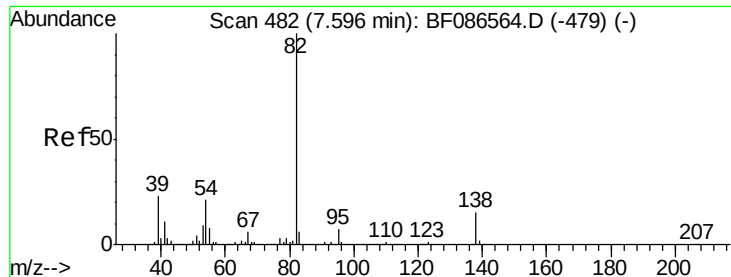
sohil
 5/2/2016 7:53:32 PM



#24
 Nitrobenzene
 Concen: 40.39 ng
 RT: 7.36 min Scan# 461
 Delta R.T. -0.00 min
 Lab File: BF086530.D
 Acq: 30 Apr 2016 18:17

Tgt Ion	Ratio	Lower	Upper
77	100		
123	45.1	33.0	49.4
65	14.0	10.8	16.2





#25

Isophorone

Concen: 38.32 ng

RT: 7.60 min Scan# 482

Delta R.T. -0.01 min

Lab File: BF086530.D

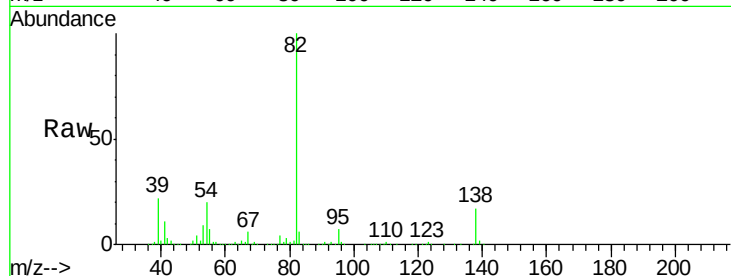
Acq: 30 Apr 2016 18:17

Instrument :

BNA_F

ClientSampleId :

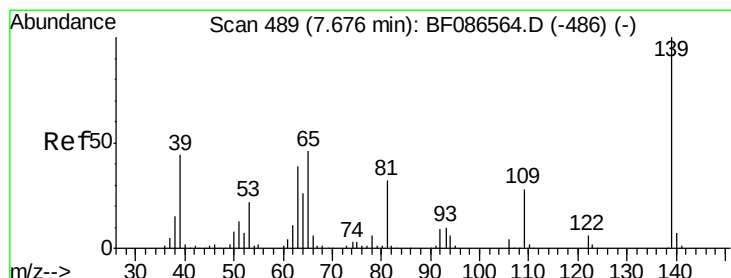
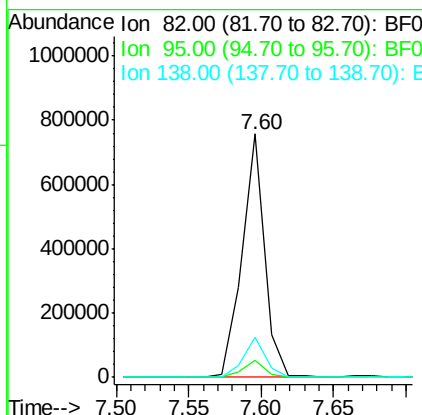
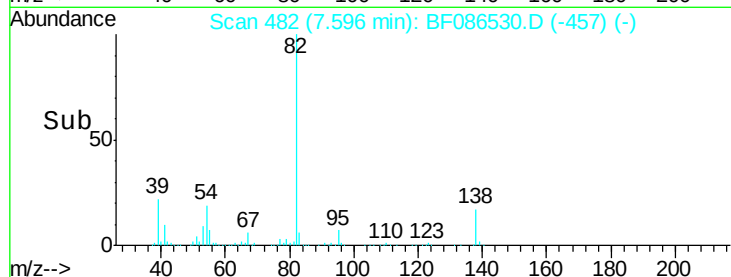
PB90183BS



Tgt Ion:	82	Resp:	813557
Ion Ratio	Lower	Upper	
82	100		
95	6.8	5.1	7.7
138	16.5	12.4	18.6

Manual Integrations
APPROVED

sohil
5/2/2016 7:53:32 PM



#26

2-Nitrophenol

Concen: 40.59 ng

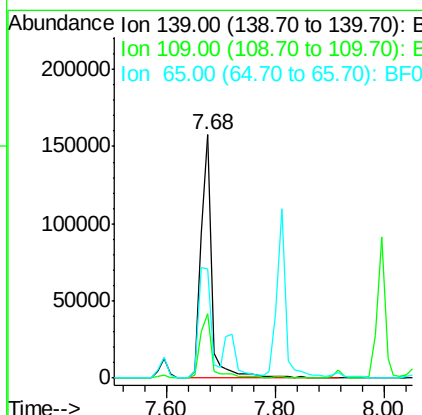
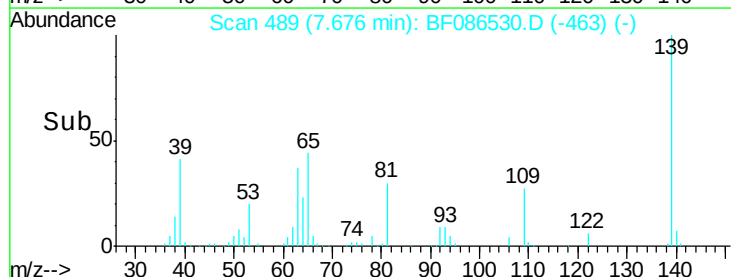
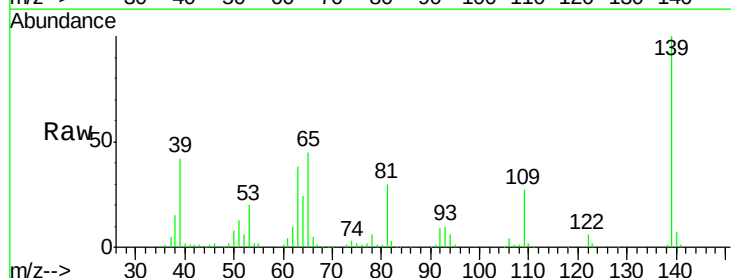
RT: 7.68 min Scan# 489

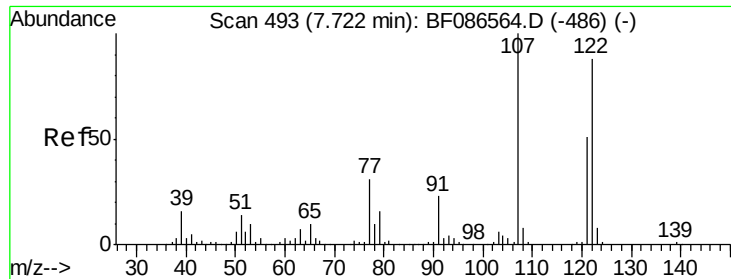
Delta R.T. -0.00 min

Lab File: BF086530.D

Acq: 30 Apr 2016 18:17

Tgt Ion:	139	Resp:	212062
Ion Ratio	Lower	Upper	
139	100		
109	26.5	19.5	29.3
65	45.0	37.5	56.3





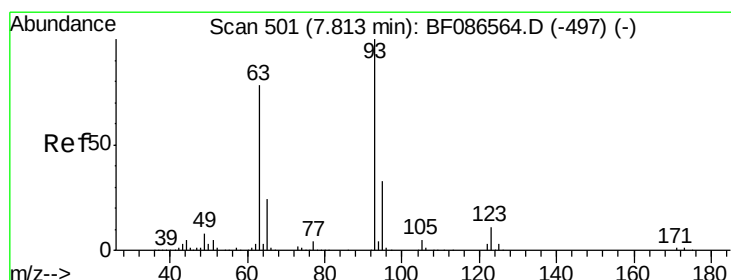
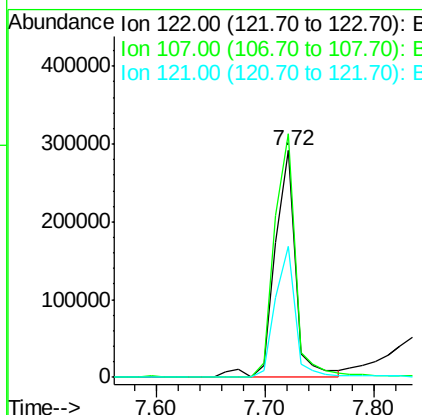
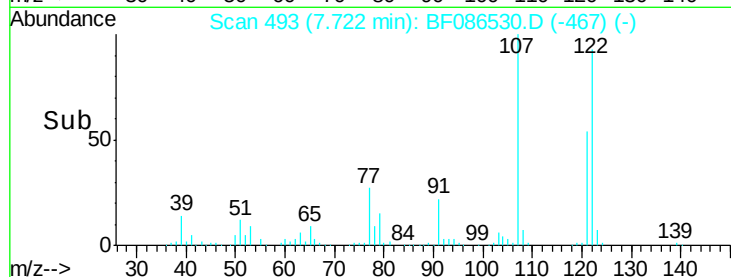
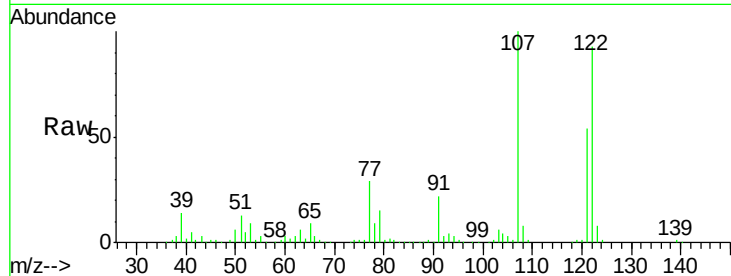
#27
 2,4-Dimethylphenol
 Concen: 41.94 ng
 RT: 7.72 min Scan# 493
 Delta R.T. -0.00 min
 Lab File: BF086530.D
 Acq: 30 Apr 2016 18:17

Instrument :
 BNA_F
 ClientSampleId :
 PB90183BS

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	384467		
107	107.5	82.0	123.0	
121	57.9	46.1	69.1	

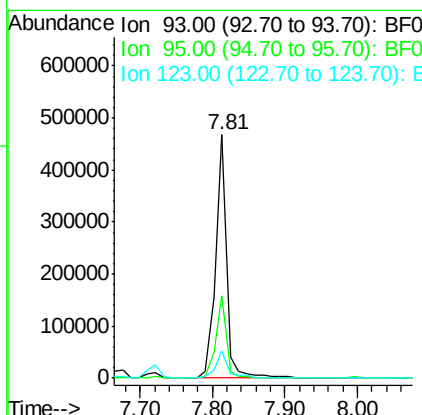
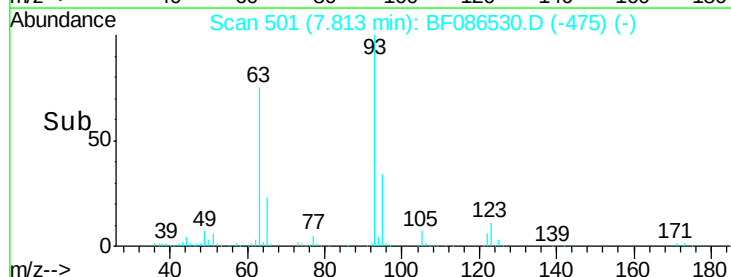
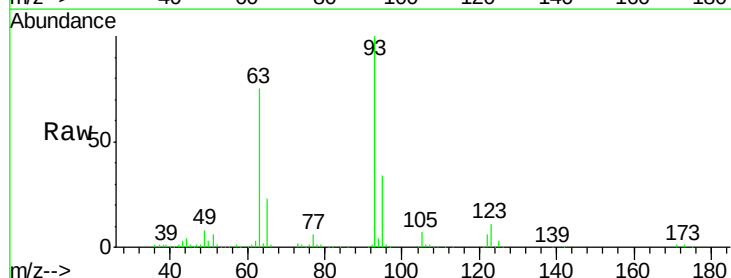
Manual Integrations
 APPROVED

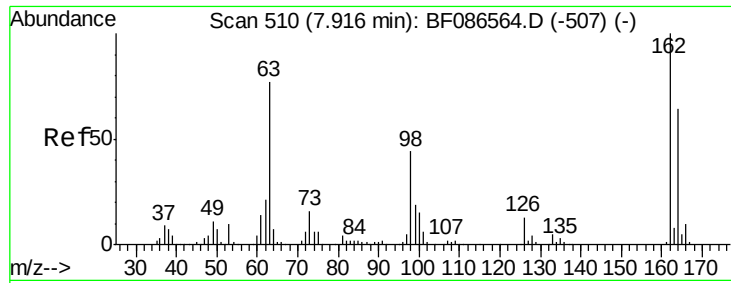
sohil
 5/2/2016 7:53:32 PM



#28
 bis(2-Chloroethoxy)methane
 Concen: 42.58 ng
 RT: 7.81 min Scan# 501
 Delta R.T. -0.00 min
 Lab File: BF086530.D
 Acq: 30 Apr 2016 18:17

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	492413		
95	33.7	26.0	39.0	
123	11.0	9.5	14.3	





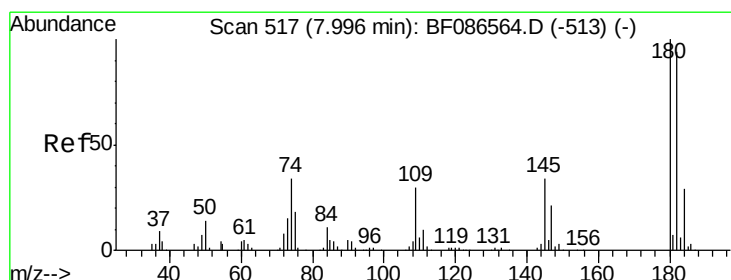
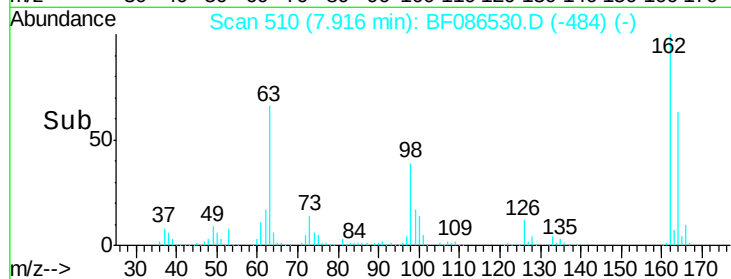
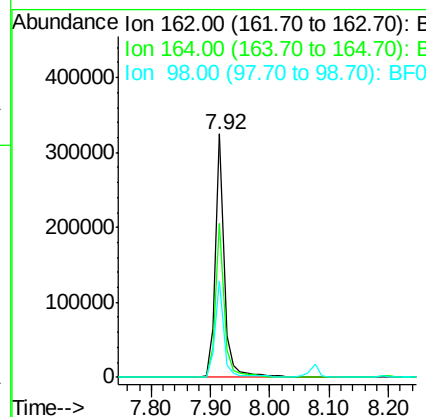
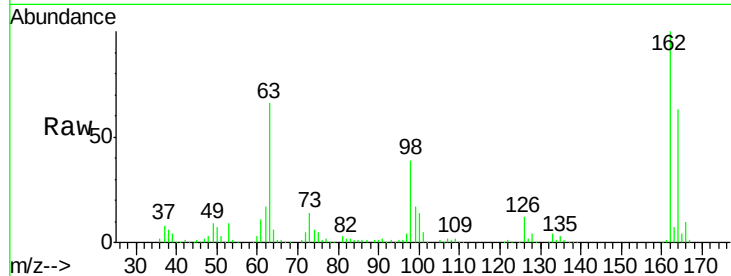
#29
 2,4-Dichlorophenol
 Concen: 44.24 ng
 RT: 7.92 min Scan# 510
 Delta R.T. -0.00 min
 Lab File: BF086530.D
 Acq: 30 Apr 2016 18:17

Instrument :
 BNA_F
 ClientSampleId :
 PB90183BS

Tgt Ion	Ratio	Resp	Lower	Upper
162	100	342155		
164	63.3	42.2	82.2	
98	39.4	19.0	59.0	

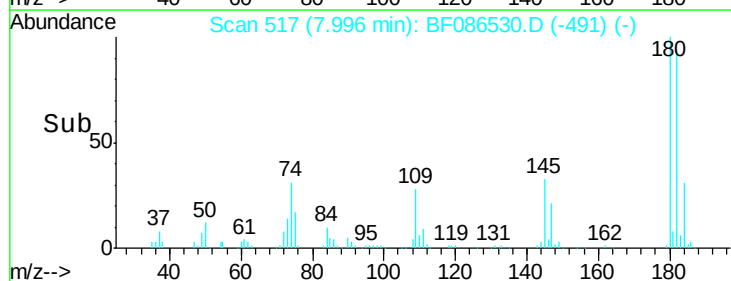
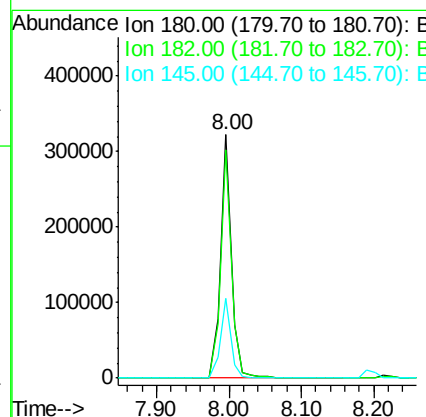
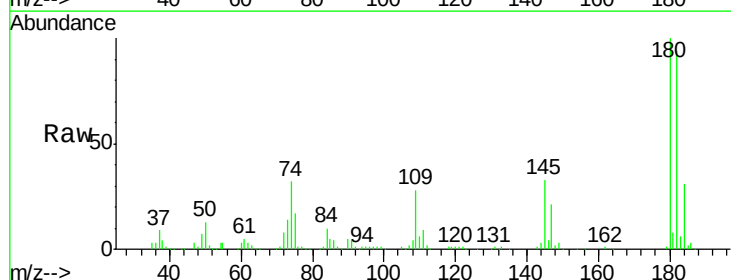
Manual Integrations
 APPROVED

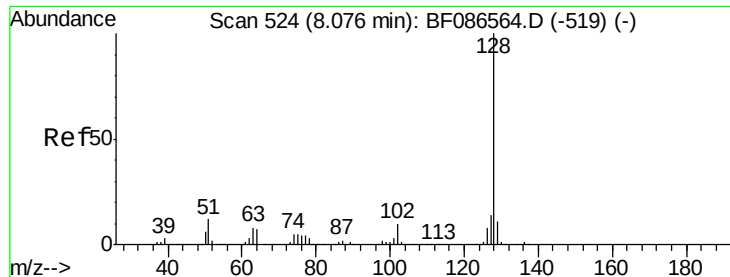
sohil
 5/2/2016 7:53:32 PM



#30
 1,2,4-Trichlorobenzene
 Concen: 37.62 ng
 RT: 8.00 min Scan# 517
 Delta R.T. -0.00 min
 Lab File: BF086530.D
 Acq: 30 Apr 2016 18:17

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	337508		
182	93.6	78.0	117.0	
145	32.7	24.2	36.2	





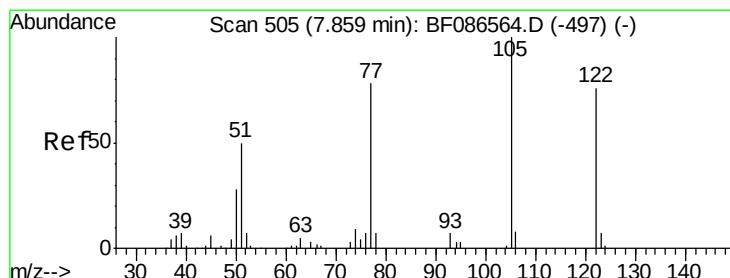
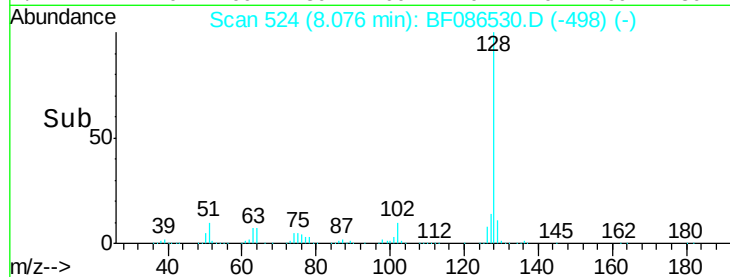
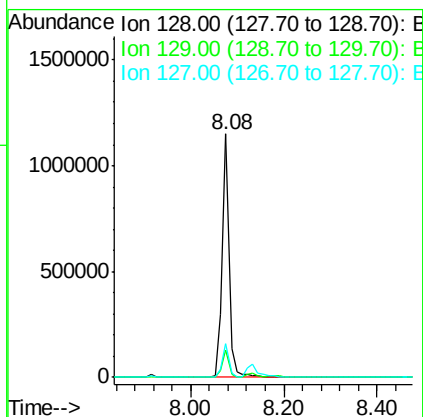
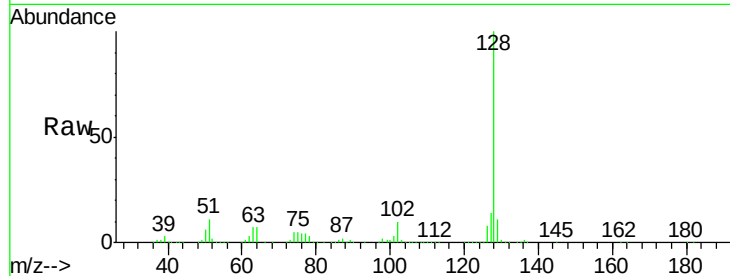
#31
Naphthalene
Concen: 38.27 ng
RT: 8.08 min Scan# 524
Delta R.T. -0.00 min
Lab File: BF086530.D
Acq: 30 Apr 2016 18:17

Instrument :
BNA_F
ClientSampleId :
PB90183BS

Tgt Ion:128 Resp: 1157791
Ion Ratio Lower Upper
128 100
129 11.4 8.6 13.0
127 13.7 10.8 16.2

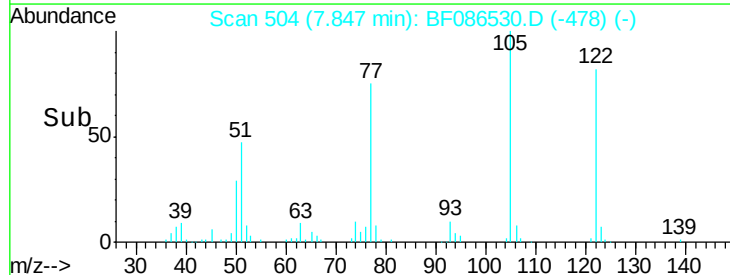
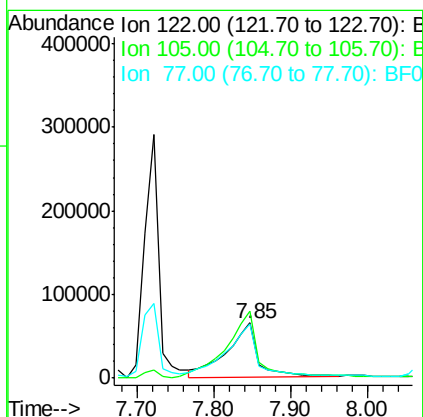
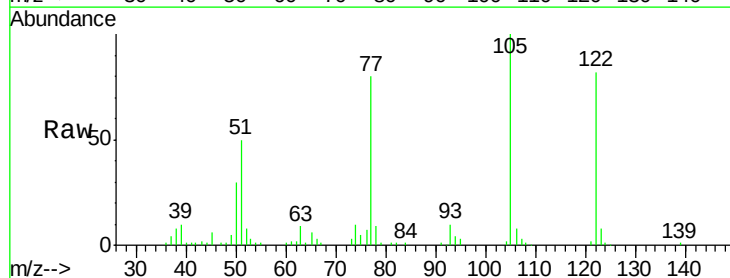
Manual Integrations
APPROVED

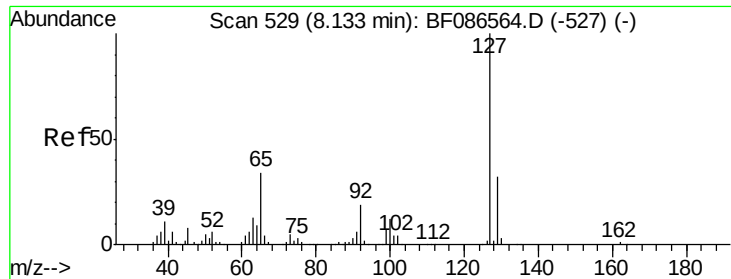
sohil
5/2/2016 7:53:32 PM



#32
Benzoic acid
Concen: 35.19 ng
RT: 7.85 min Scan# 504
Delta R.T. -0.00 min
Lab File: BF086530.D
Acq: 30 Apr 2016 18:17

Tgt Ion:122 Resp: 179442
Ion Ratio Lower Upper
122 100
105 122.3 92.6 132.6
77 97.7 60.0 100.0





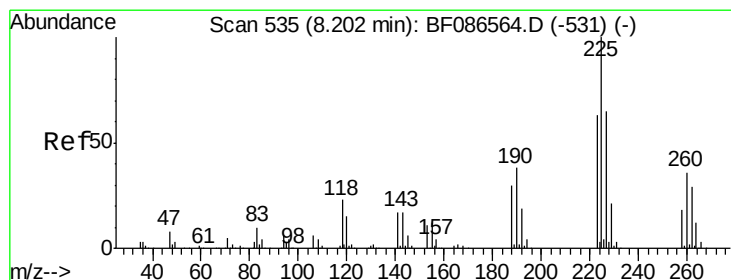
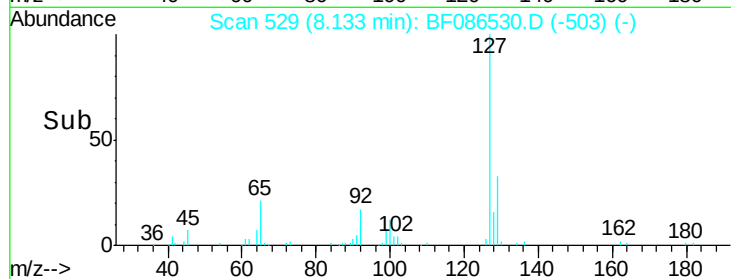
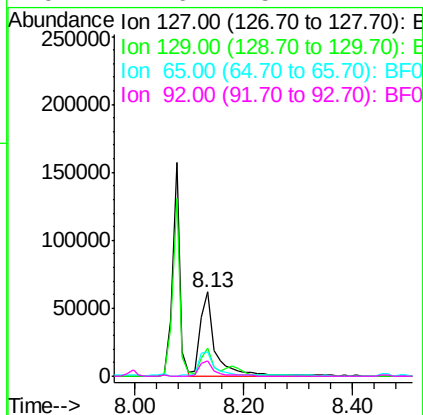
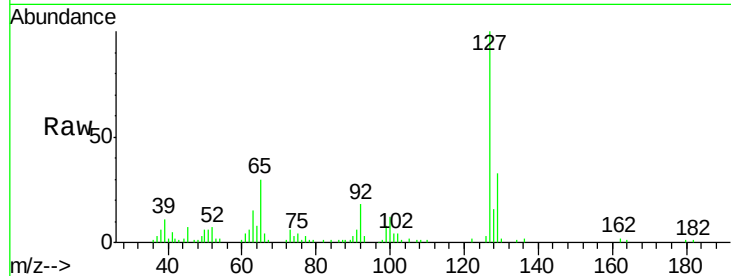
#33
4-Chloroaniline
Concen: 10.12 ng
RT: 8.13 min Scan# 529
Delta R.T. -0.00 min
Lab File: BF086530.D
Acq: 30 Apr 2016 18:17

Instrument :
BNA_F
ClientSampleId :
PB90183BS

Tgt Ion	Ratio	Resp	Lower	Upper
127	100	114652		
129	32.7	26.2	39.4	
65	29.5	23.0	34.4	
92	17.6	15.1	22.7	

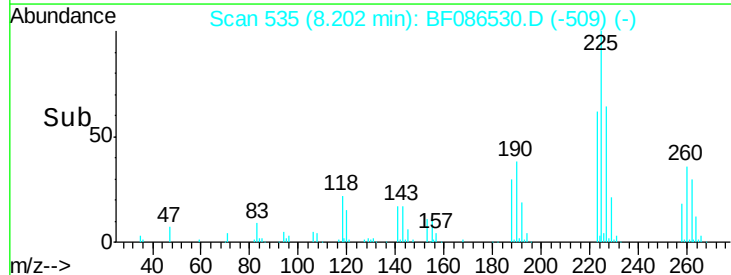
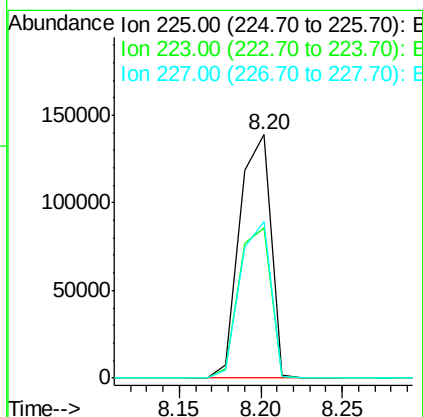
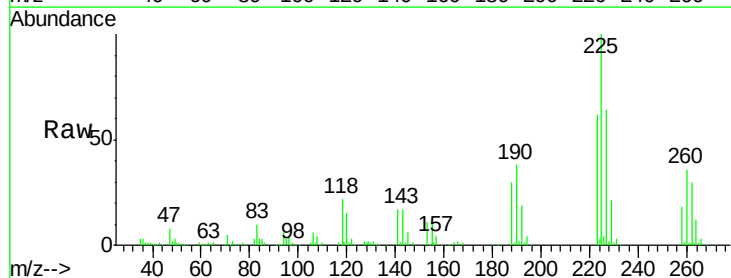
Manual Integrations
APPROVED

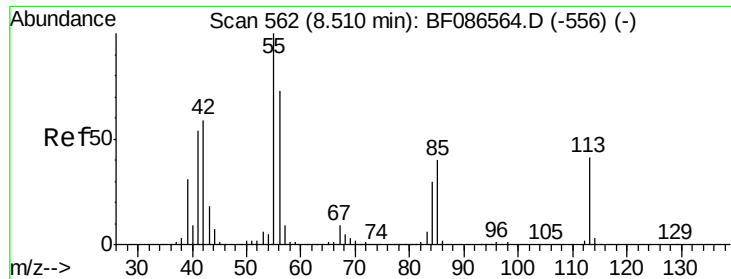
sohil
5/2/2016 7:53:32 PM



#34
Hexachlorobutadiene
Concen: 36.45 ng
RT: 8.20 min Scan# 535
Delta R.T. -0.00 min
Lab File: BF086530.D
Acq: 30 Apr 2016 18:17

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	183322		
223	61.5	51.5	77.3	
227	64.4	52.2	78.2	





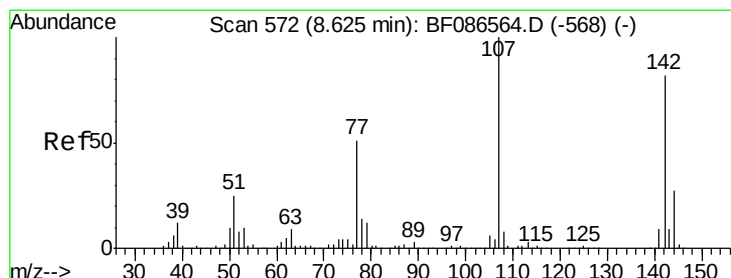
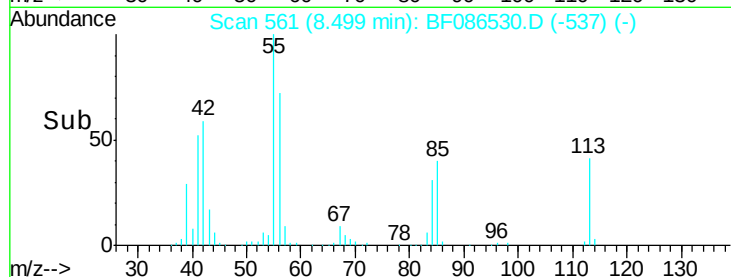
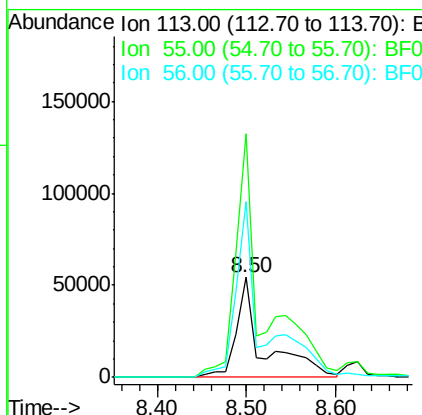
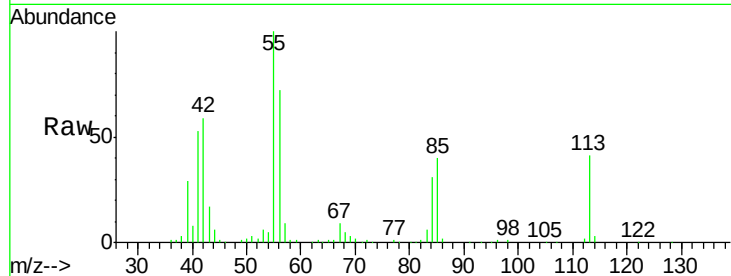
#35
 Caprolactam
 Concen: 44.06 ng m
 RT: 8.50 min Scan# 561
 Delta R.T. -0.02 min
 Lab File: BF086530.D
 Acq: 30 Apr 2016 18:17

Instrument :
 BNA_F
 ClientSampleId :
 PB90183BS

Tgt Ion	Ratio	Resp	Lower	Upper
113	100			
55	244.1	162.0	202.0#	
56	175.6	115.3	155.3#	

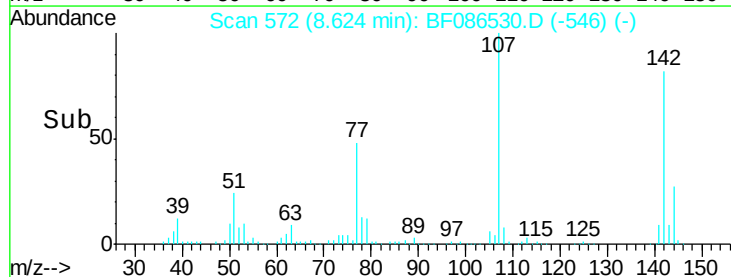
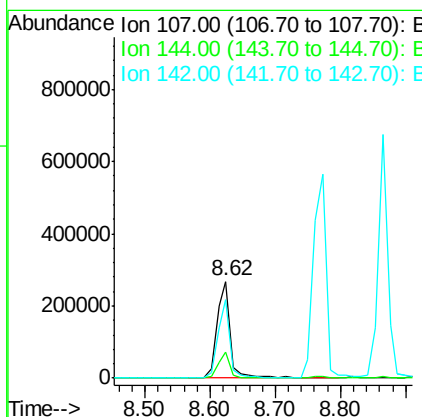
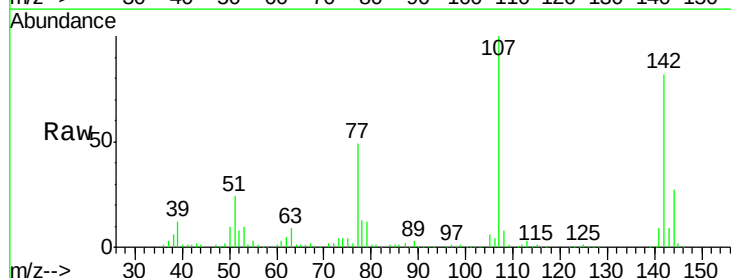
Manual Integrations
 APPROVED

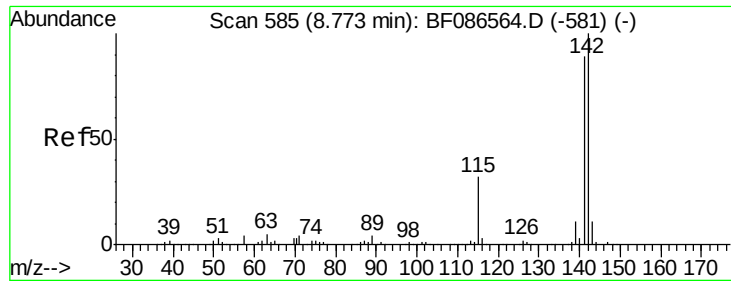
sohil
 5/2/2016 7:53:32 PM



#36
 4-Chloro-3-methylphenol
 Concen: 44.14 ng
 RT: 8.62 min Scan# 572
 Delta R.T. -0.00 min
 Lab File: BF086530.D
 Acq: 30 Apr 2016 18:17

Tgt Ion	Ratio	Resp	Lower	Upper
107	100			
144	26.7	20.7	31.1	
142	81.9	63.2	94.8	





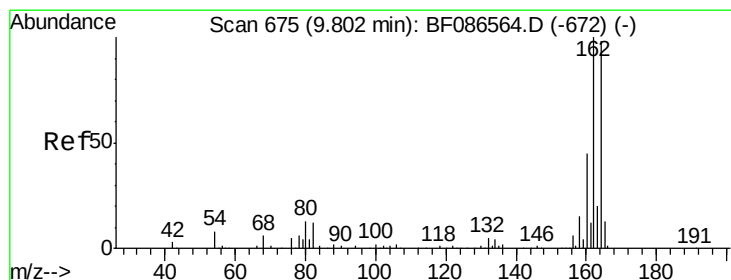
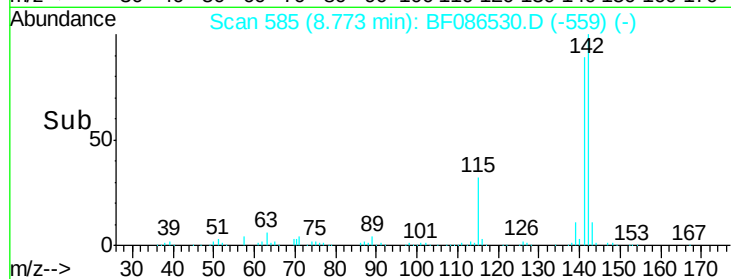
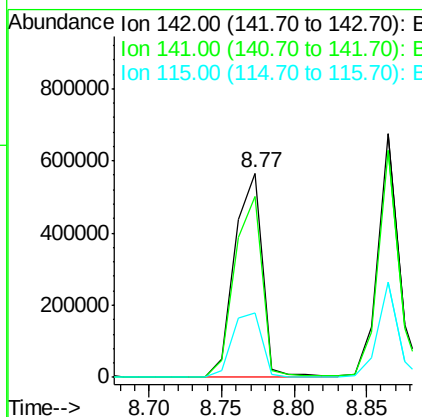
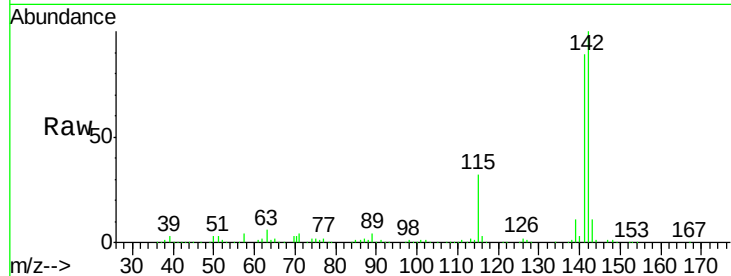
#37
 2-Methylnaphthalene
 Concen: 42.33 ng
 RT: 8.77 min Scan# 585
 Delta R.T. -0.00 min
 Lab File: BF086530.D
 Acq: 30 Apr 2016 18:17

Instrument :
 BNA_F
 ClientSampleId :
 PB90183BS

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	755629		
141	88.7		71.0	106.6
115	31.6		26.6	39.8

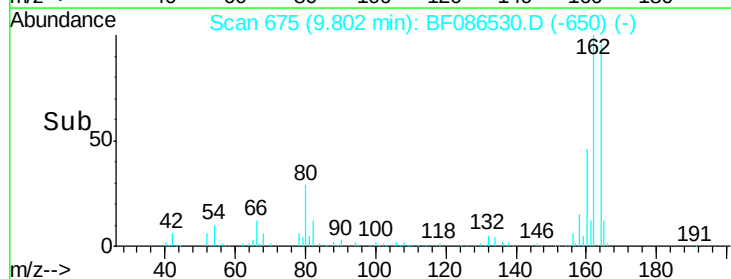
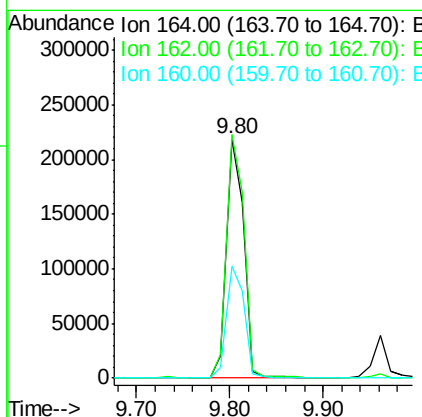
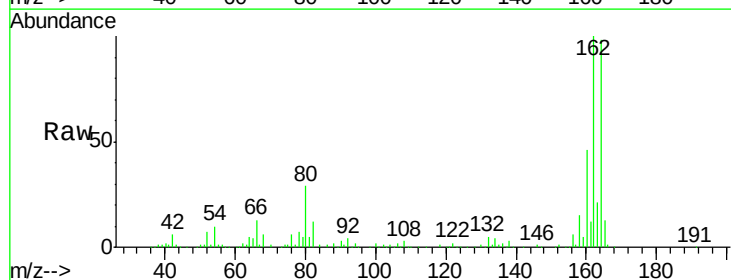
Manual Integrations
 APPROVED

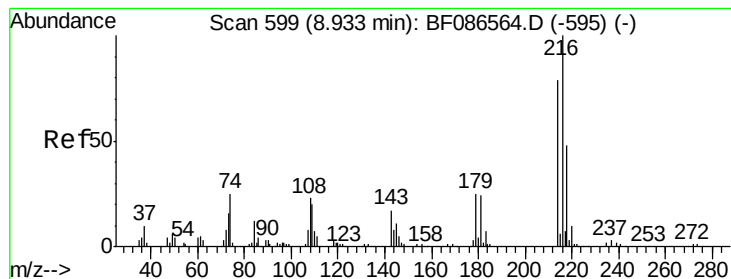
sohil
 5/2/2016 7:53:32 PM



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.80 min Scan# 675
 Delta R.T. -0.01 min
 Lab File: BF086530.D
 Acq: 30 Apr 2016 18:17

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	284499		
162	102.0		82.8	124.2
160	46.9		36.9	55.3





#39

1,2,4,5-Tetrachlorobenzene

Concen: 36.79 ng

RT: 8.93 min Scan# 599

Delta R.T. -0.00 min

Lab File: BF086530.D

Acq: 30 Apr 2016 18:17

Instrument :

BNA_F

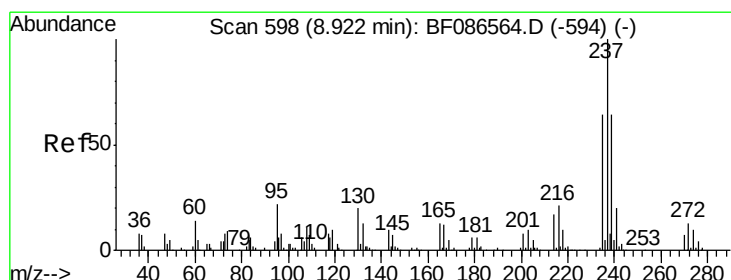
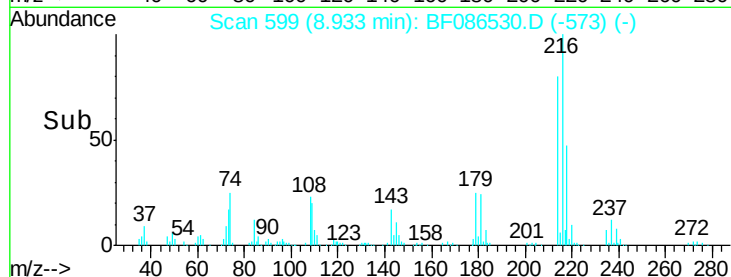
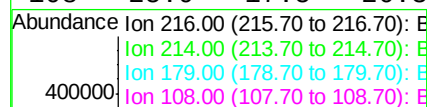
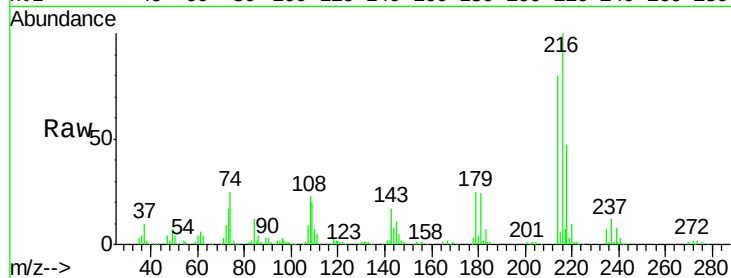
ClientSampleId :

PB90183BS

Manual Integrations
APPROVED

sohil
5/2/2016 7:53:32 PM

Tgt Ion	Ratio	Resp	Lower	Upper
216	100	299628		
214	78.9	62.6	93.8	
179	23.3	18.2	27.4	
108	25.9	17.5	26.3	



#40

Hexachlorocyclopentadiene

Concen: 77.51 ng

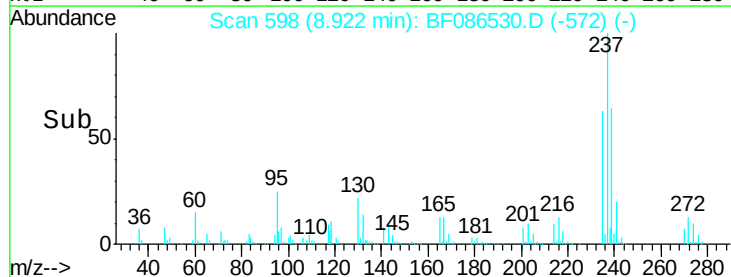
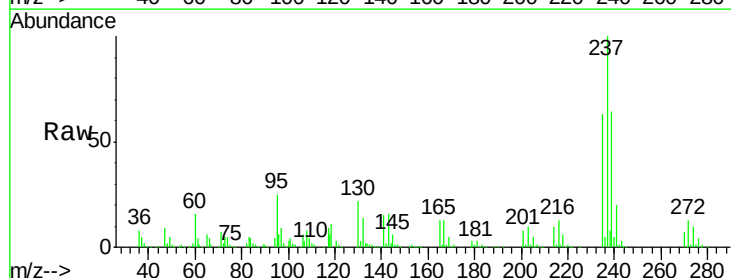
RT: 8.92 min Scan# 598

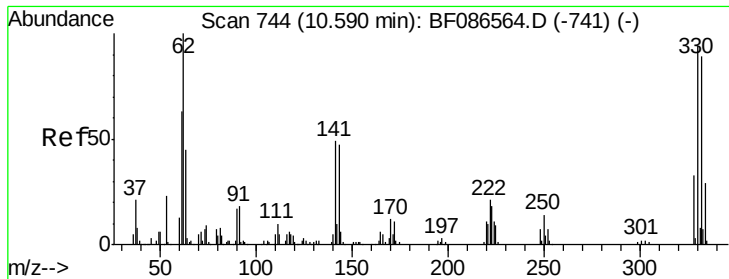
Delta R.T. -0.00 min

Lab File: BF086530.D

Acq: 30 Apr 2016 18:17

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	313683		
235	63.3	47.2	87.2	
272	12.6	0.0	31.1	





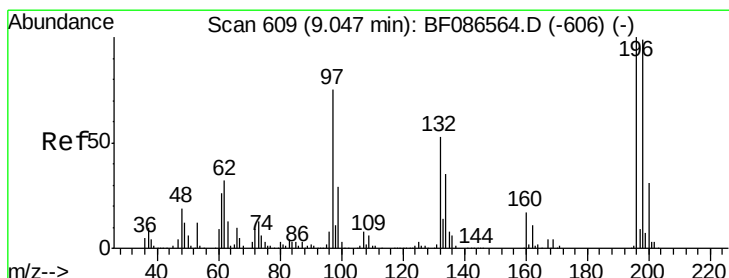
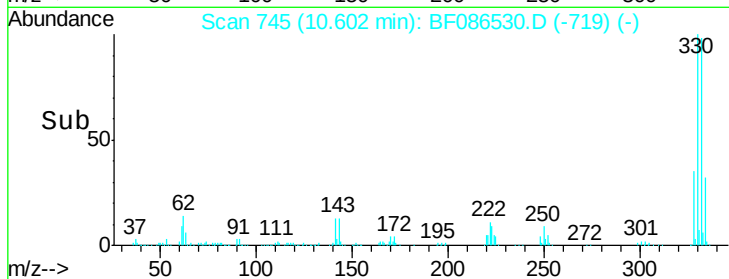
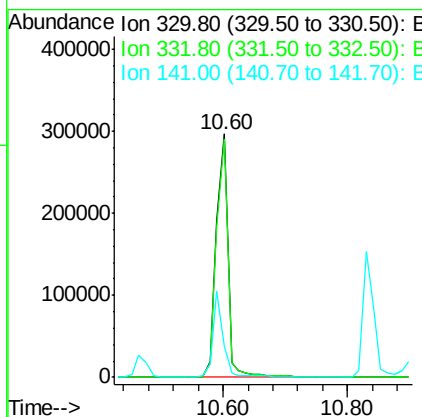
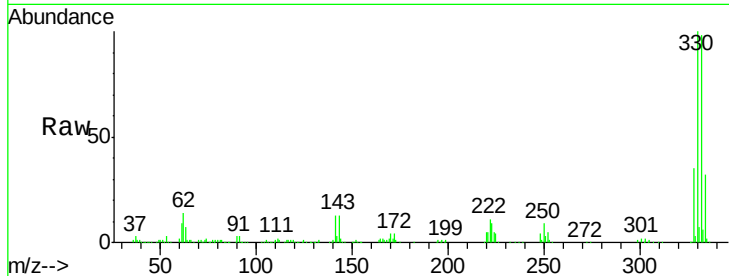
#41
 2,4,6-Tribromophenol
 Concen: 128.15 ng
 RT: 10.60 min Scan# 745
 Delta R.T. -0.00 min
 Lab File: BF086530.D
 Acq: 30 Apr 2016 18:17

Instrument :
 BNA_F
 ClientSampleId :
 PB90183BS

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	384481		
332	97.4	79.0	118.4	
141	30.4	31.2	46.8	

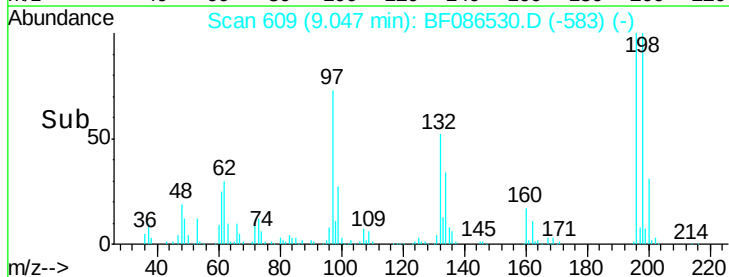
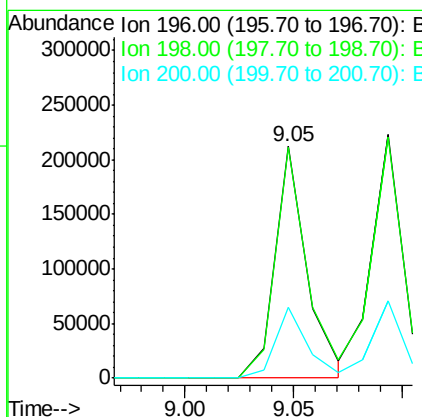
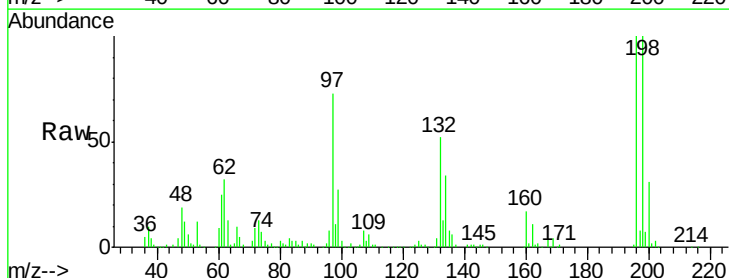
Manual Integrations
 APPROVED

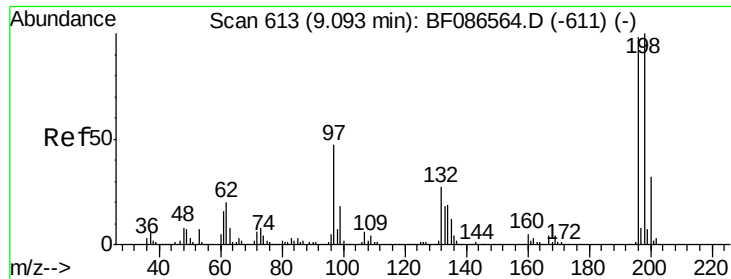
sohil
 5/2/2016 7:53:32 PM



#42
 2,4,6-Trichlorophenol
 Concen: 42.59 ng
 RT: 9.05 min Scan# 609
 Delta R.T. -0.00 min
 Lab File: BF086530.D
 Acq: 30 Apr 2016 18:17

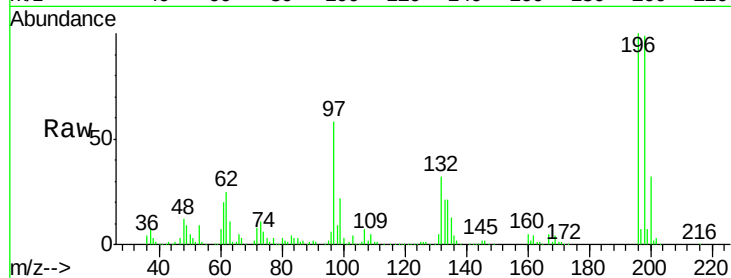
Tgt Ion	Ratio	Resp	Lower	Upper
196	100	219241		
198	99.9	74.7	112.1	
200	30.7	23.8	35.6	





#43
 2,4,5-Trichlorophenol
 Concen: 41.42 ng
 RT: 9.09 min Scan# 613
 Delta R.T. -0.00 min
 Lab File: BF086530.D
 Acq: 30 Apr 2016 18:17

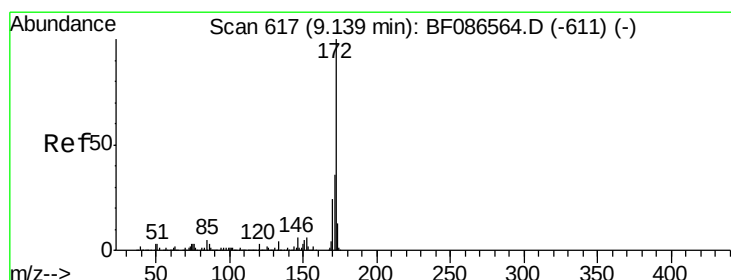
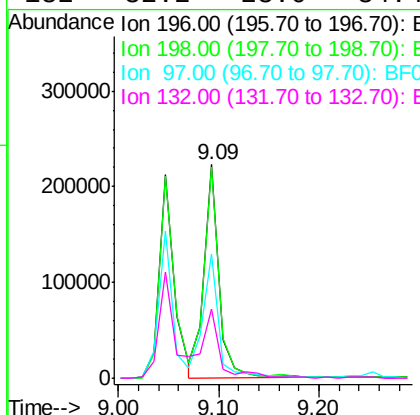
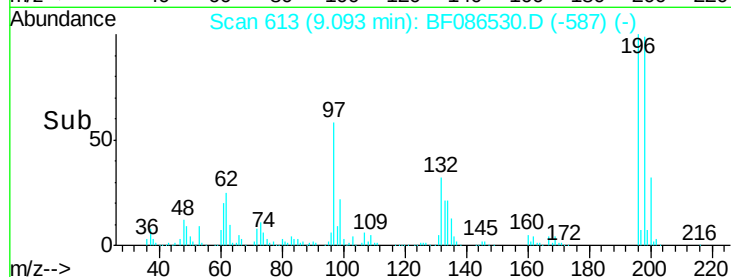
Instrument :
 BNA_F
 ClientSampleId :
 PB90183BS



Tgt Ion	Ratio	Resp	Lower	Upper
196	100	232388		
198	99.2	77.5	116.3	
97	58.0	34.8	52.2	
132	32.2	23.0	34.4	

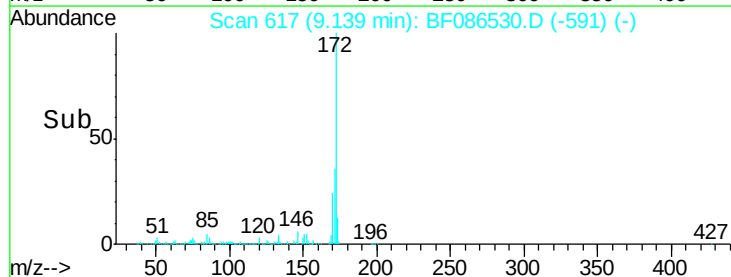
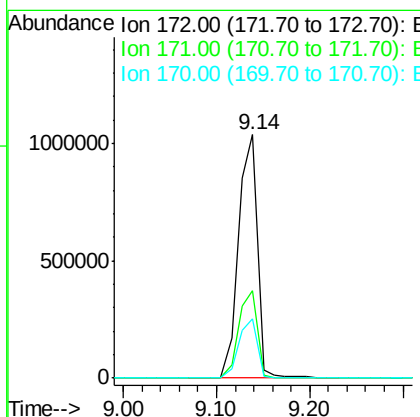
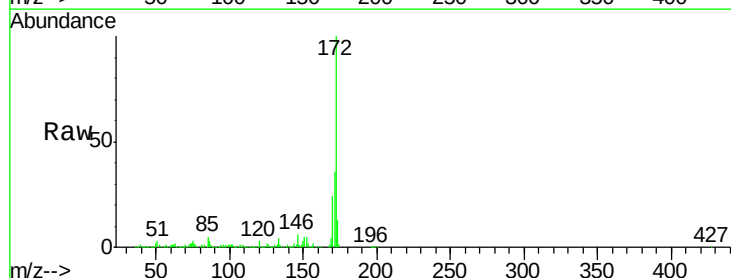
Manual Integrations
 APPROVED

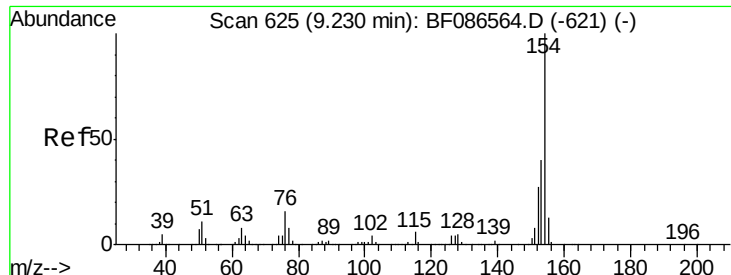
sohil
 5/2/2016 7:53:32 PM



#44
 2-Fluorobiphenyl
 Concen: 91.37 ng
 RT: 9.14 min Scan# 617
 Delta R.T. -0.00 min
 Lab File: BF086530.D
 Acq: 30 Apr 2016 18:17

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1461940		
171	35.8	29.0	43.6	
170	24.4	19.8	29.8	





#45

1,1'-Biphenyl

Concen: 37.01 ng

RT: 9.23 min Scan# 625

Delta R.T. -0.01 min

Lab File: BF086530.D

Acq: 30 Apr 2016 18:17

Instrument :

BNA_F

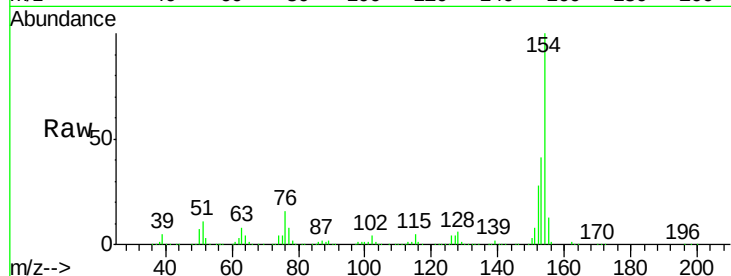
ClientSampleId :

PB90183BS

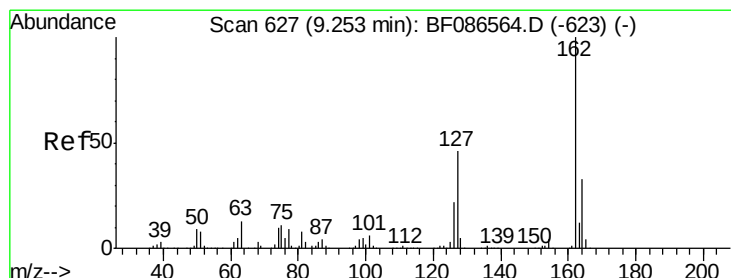
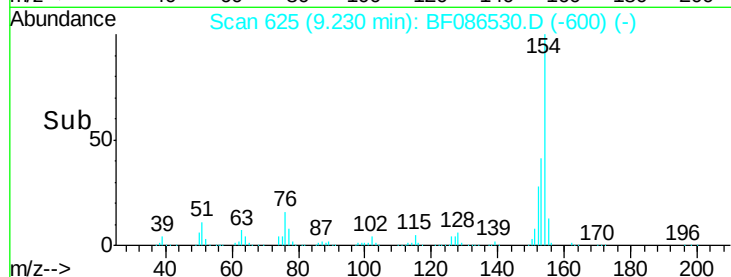
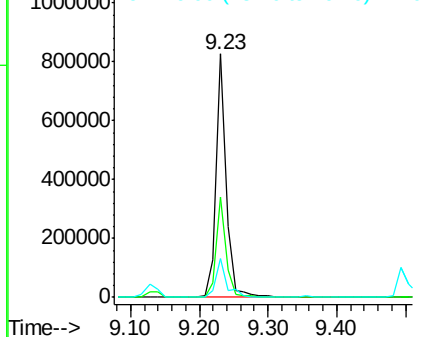
Tgt Ion:	154	Resp:	880209
Ion Ratio	Lower	Upper	
154	100		
153	41.0	20.3	60.3
76	16.2	0.0	30.2

Manual Integrations
APPROVED

sohil
5/2/2016 7:53:32 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: 37.75 ng

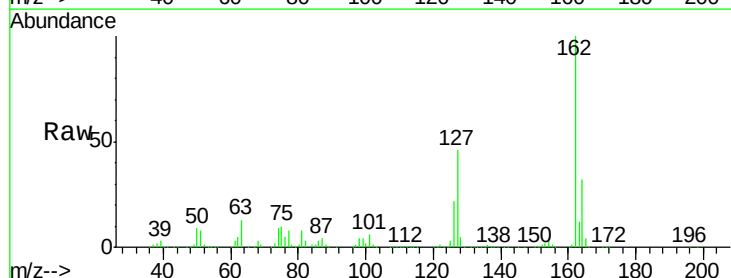
RT: 9.25 min Scan# 627

Delta R.T. -0.01 min

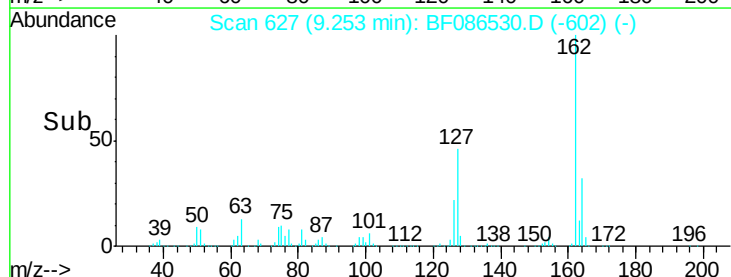
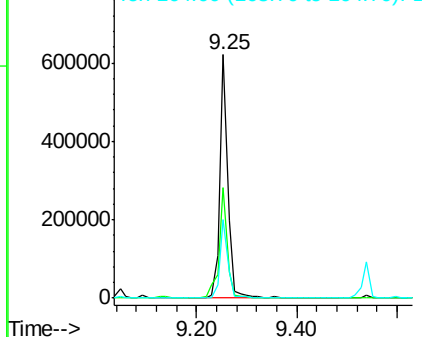
Lab File: BF086530.D

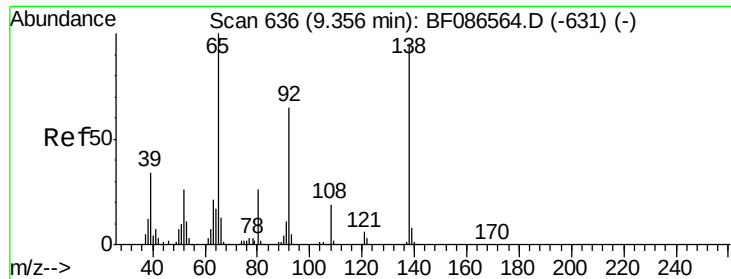
Acq: 30 Apr 2016 18:17

Tgt Ion:	162	Resp:	682495
Ion Ratio	Lower	Upper	
162	100		
127	45.5	31.8	47.6
164	32.2	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: 47.95 ng

RT: 9.36 min Scan# 636

Delta R.T. -0.00 min

Lab File: BF086530.D

Acq: 30 Apr 2016 18:17

Instrument :

BNA_F

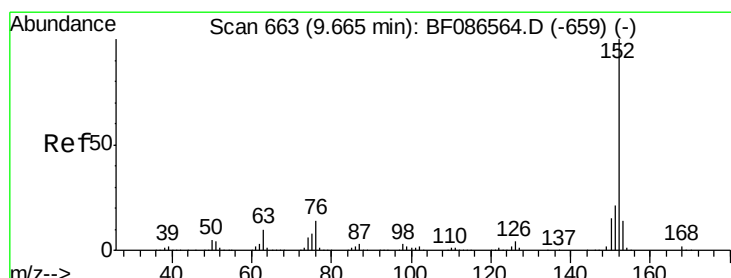
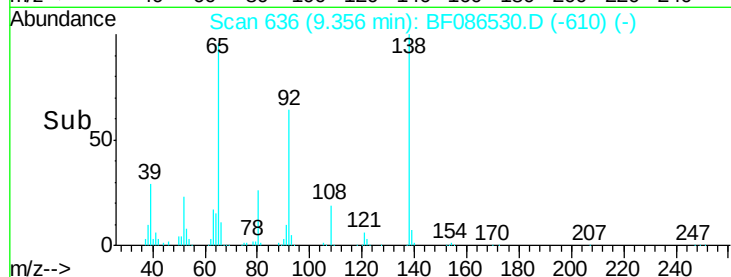
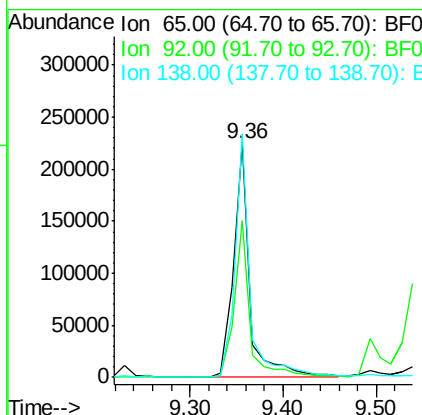
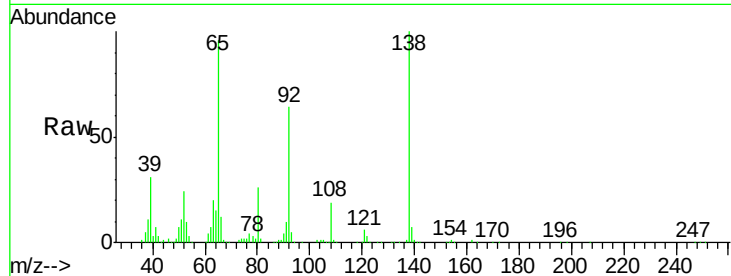
ClientSampleId :

PB90183BS

Tgt Ion:	65	Resp:	278009
Ion Ratio	Lower	Upper	
65	100		
92	66.9	57.4	86.2
138	103.9	90.1	135.1

Manual Integrations
APPROVED

sohil
5/2/2016 7:53:32 PM



#48

Acenaphthylene

Concen: 38.03 ng

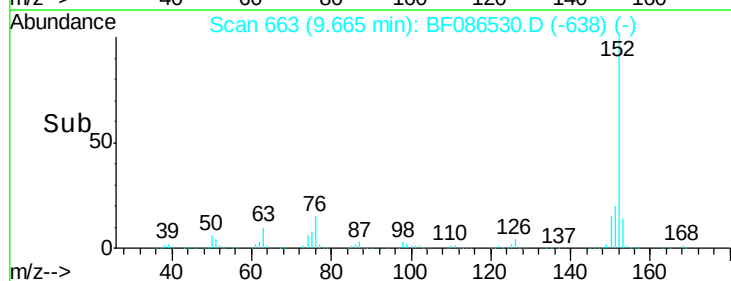
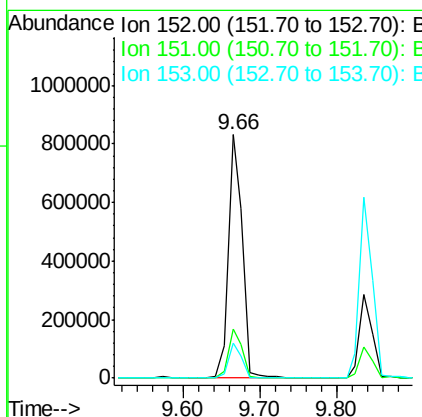
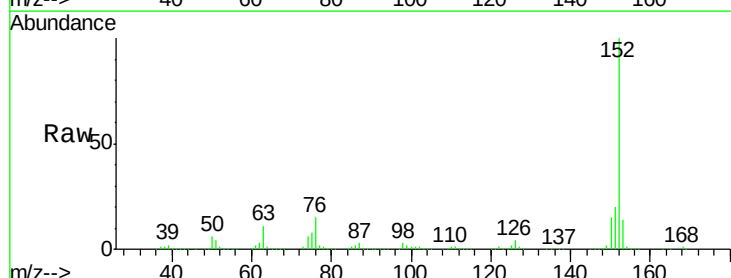
RT: 9.66 min Scan# 663

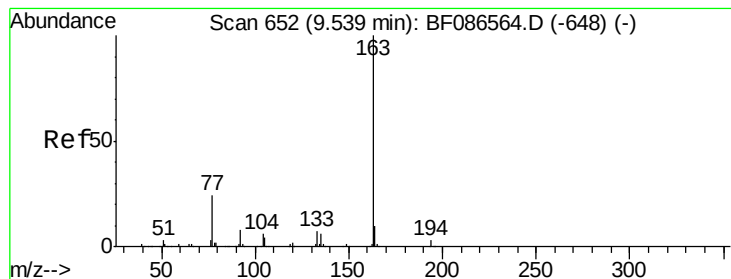
Delta R.T. -0.01 min

Lab File: BF086530.D

Acq: 30 Apr 2016 18:17

Tgt Ion:	152	Resp:	1074842
Ion Ratio	Lower	Upper	
152	100		
151	20.4	16.8	25.2
153	14.3	10.9	16.3





#49

Dimethylphthalate

Concen: 40.66 ng

RT: 9.54 min Scan# 652

Delta R.T. -0.00 min

Lab File: BF086530.D

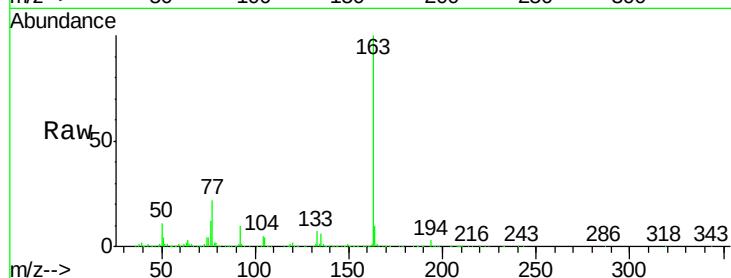
Acq: 30 Apr 2016 18:17

Instrument :

BNA_F

ClientSampleId :

PB90183BS



Tgt Ion:163 Resp: 870934

Ion Ratio Lower Upper

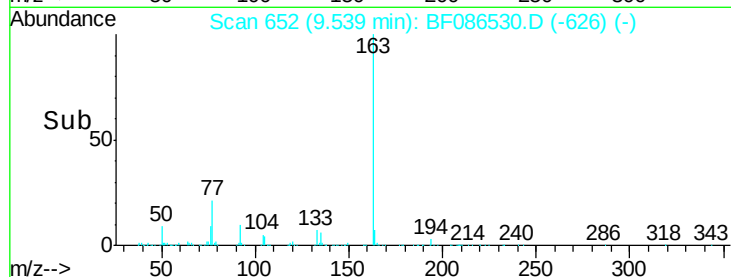
163 100

194 3.2 2.6 4.0

164 10.4 8.2 12.4

Manual Integrations
APPROVED

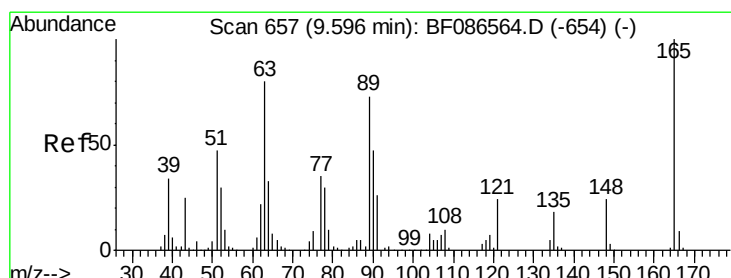
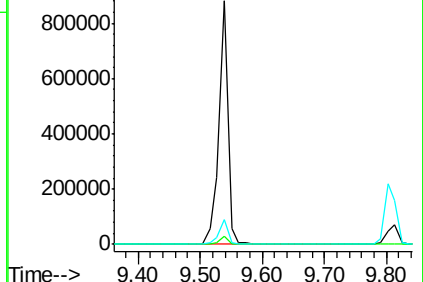
sohil
5/2/2016 7:53:32 PM



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 41.09 ng

RT: 9.60 min Scan# 657

Delta R.T. -0.01 min

Lab File: BF086530.D

Acq: 30 Apr 2016 18:17

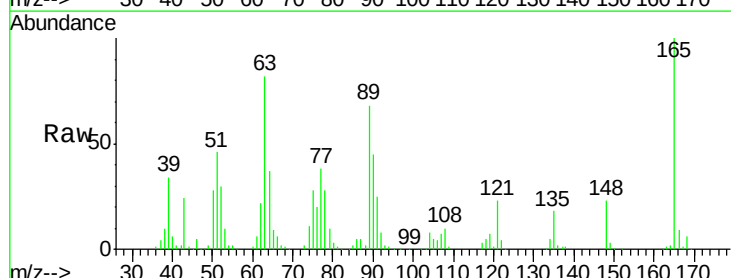
Tgt Ion:165 Resp: 181793

Ion Ratio Lower Upper

165 100

63 81.6 51.8 77.8#

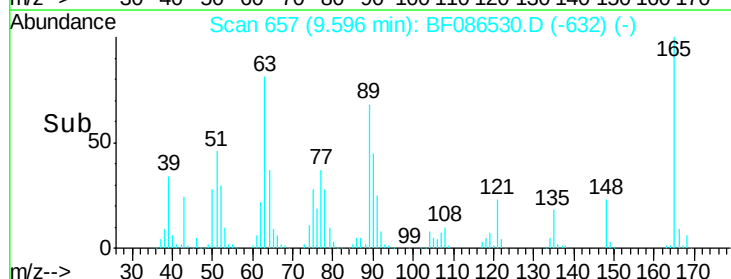
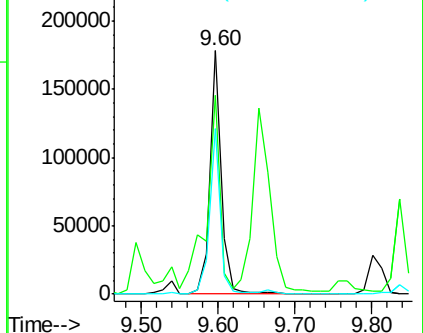
89 67.9 50.7 76.1

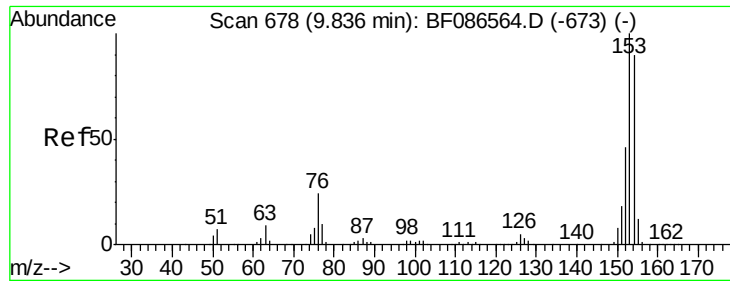


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 42.24 ng

RT: 9.84 min Scan# 678

Delta R.T. -0.01 min

Lab File: BF086530.D

Acq: 30 Apr 2016 18:17

Instrument :

BNA_F

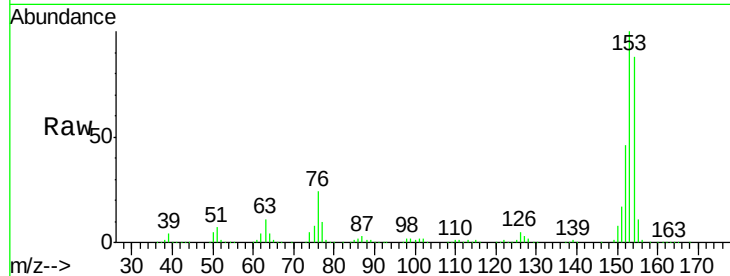
ClientSampleId :

PB90183BS

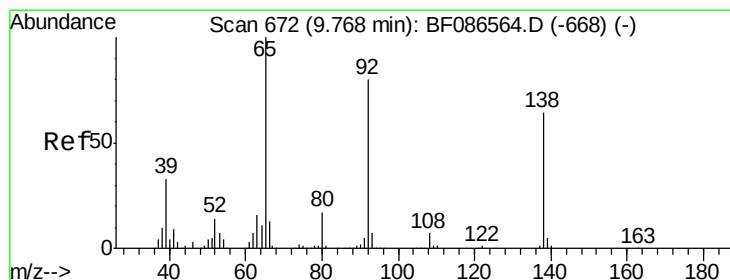
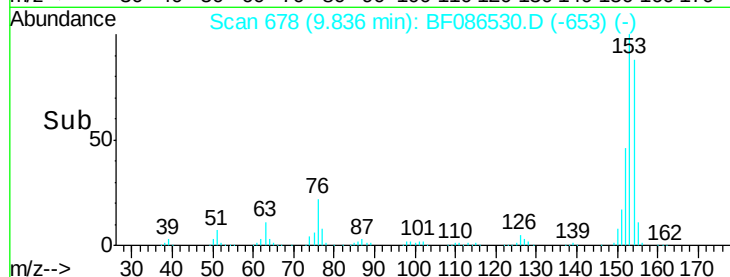
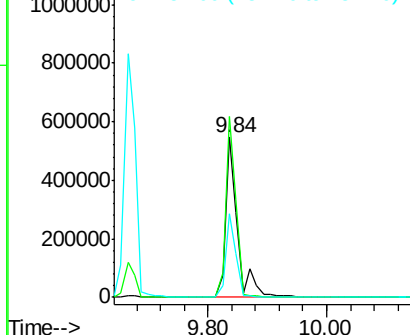
Tgt Ion:	154	Resp:	766800
Ion Ratio	Lower	Upper	
154	100		
153	113.4	89.8	134.6
152	52.2	43.4	65.0

Manual Integrations
APPROVED

sohil
5/2/2016 7:53:32 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



#52

3-Nitroaniline

Concen: 15.84 ng

RT: 9.77 min Scan# 672

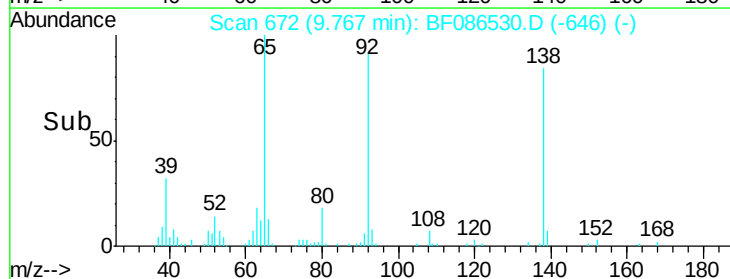
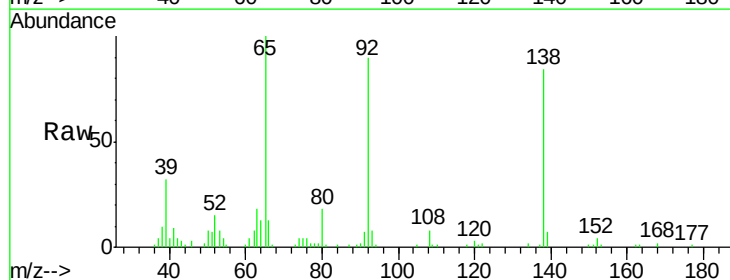
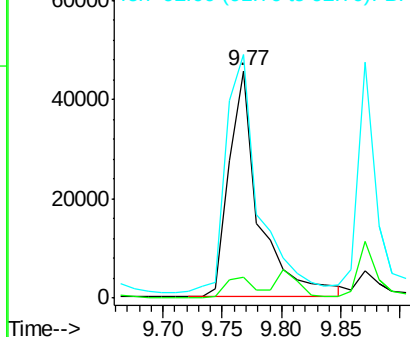
Delta R.T. -0.00 min

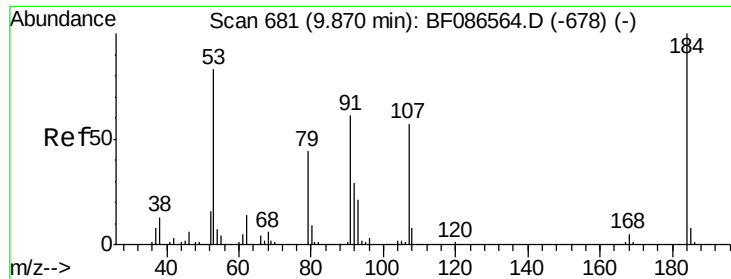
Lab File: BF086530.D

Acq: 30 Apr 2016 18:17

Tgt Ion:	138	Resp:	79726
Ion Ratio	Lower	Upper	
138	100		
108	9.1	7.8	11.6
92	107.0	87.8	131.8

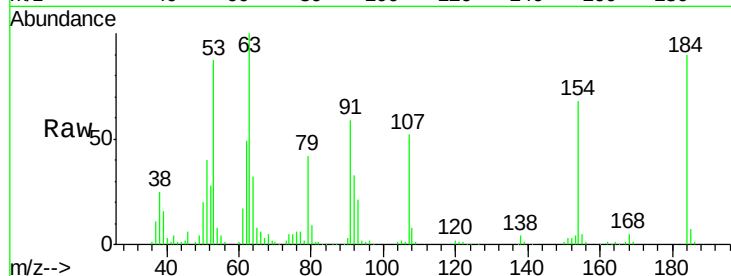
Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF0





#53
2,4-Dinitrophenol
Concen: 74.99 ng
RT: 9.87 min Scan# 681
Delta R.T. -0.00 min
Lab File: BF086530.D
Acq: 30 Apr 2016 18:17

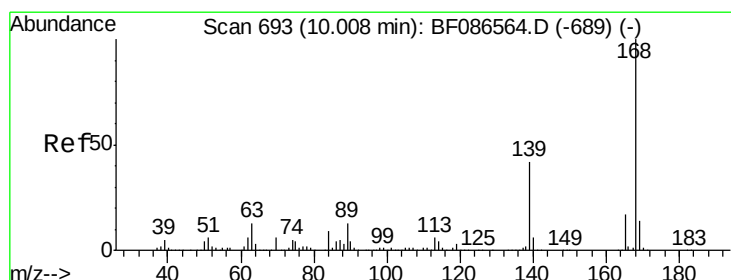
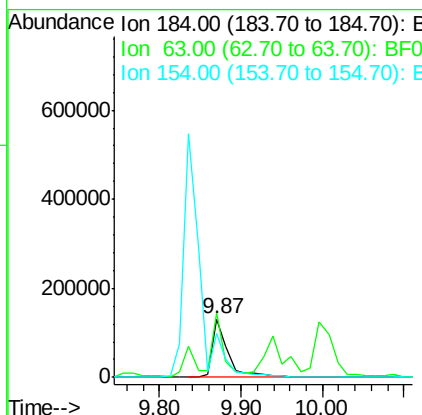
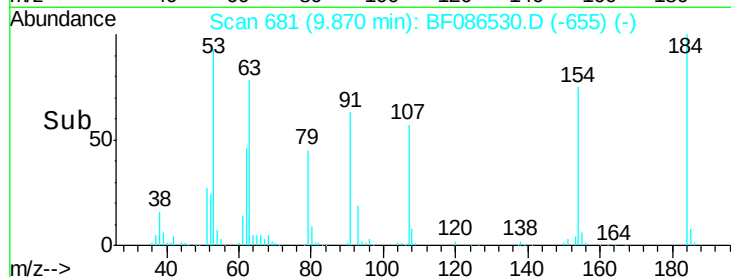
Instrument :
BNA_F
ClientSampleId :
PB90183BS



Tgt Ion	Ratio	Resp	Lower	Upper
184	100	180127		
63	111.0	55.8	83.8#	
154	75.3	62.4	93.6	

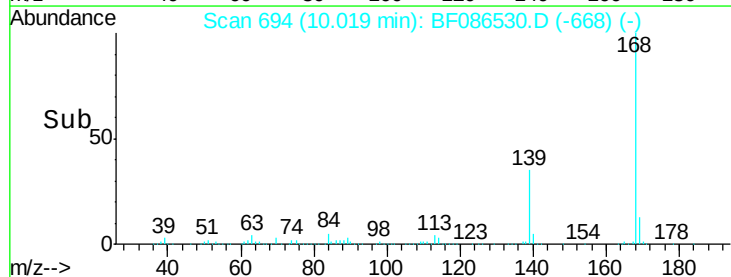
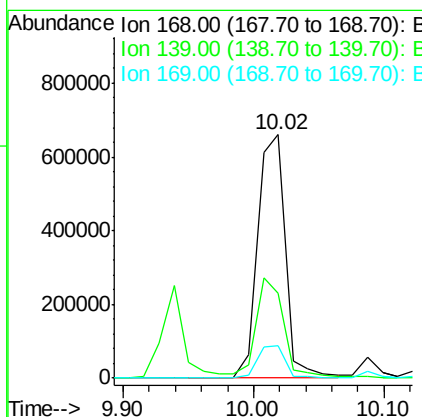
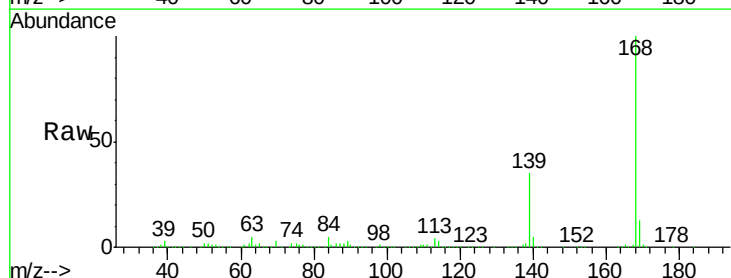
Manual Integrations
APPROVED

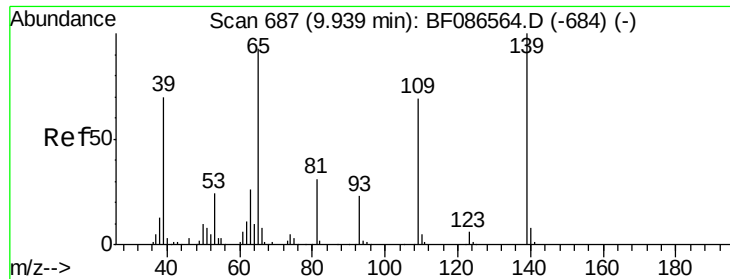
sohil
5/2/2016 7:53:32 PM



#54
Dibenzofuran
Concen: 43.12 ng
RT: 10.02 min Scan# 694
Delta R.T. -0.00 min
Lab File: BF086530.D
Acq: 30 Apr 2016 18:17

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	978271		
139	34.8	31.4	47.0	
169	13.1	10.7	16.1	





#55

4-Nitrophenol

Concen: 90.45 ng

RT: 9.94 min Scan# 687

Delta R.T. -0.00 min

Lab File: BF086530.D

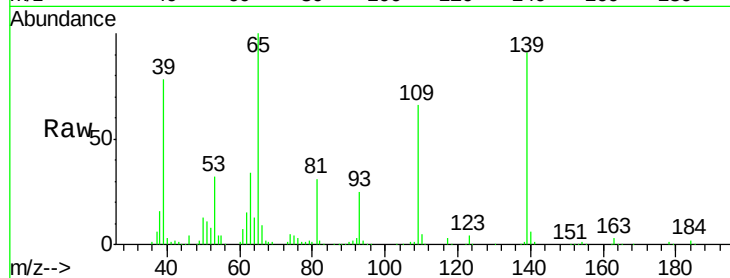
Acq: 30 Apr 2016 18:17

Instrument :

BNA_F

ClientSampleId :

PB90183BS



Tgt Ion:139 Resp: 298035

Ion Ratio Lower Upper

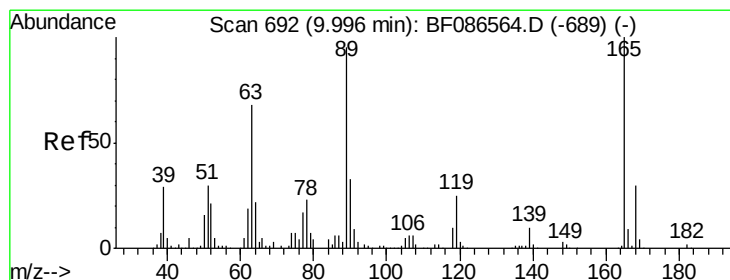
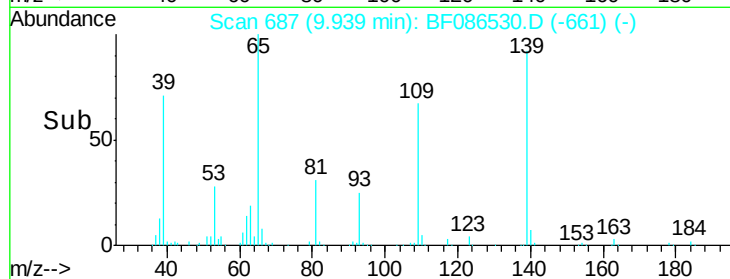
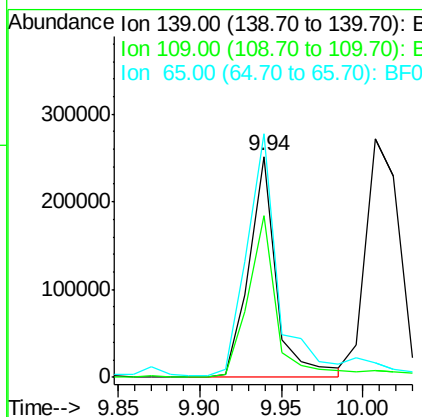
139 100

109 73.0 36.9 76.9

65 110.1 64.0 104.0#

Manual Integrations
APPROVED

sohil
5/2/2016 7:53:32 PM



#56

2,4-Dinitrotoluene

Concen: 43.83 ng

RT: 10.00 min Scan# 692

Delta R.T. -0.01 min

Lab File: BF086530.D

Acq: 30 Apr 2016 18:17

Tgt Ion:165 Resp: 247236

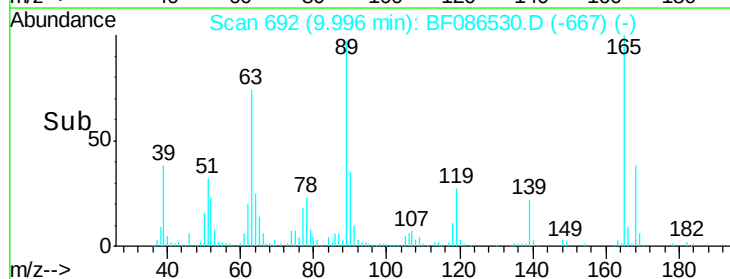
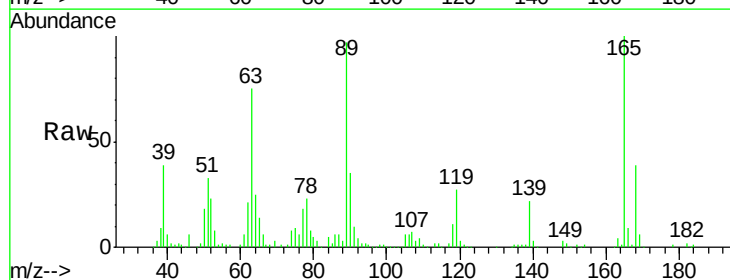
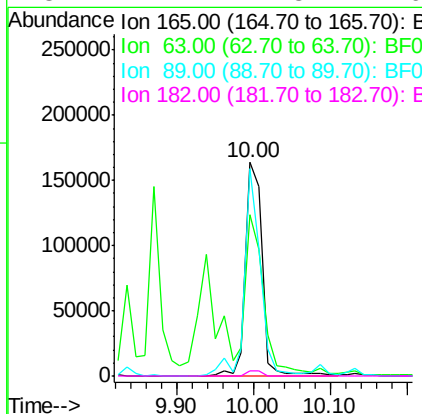
Ion Ratio Lower Upper

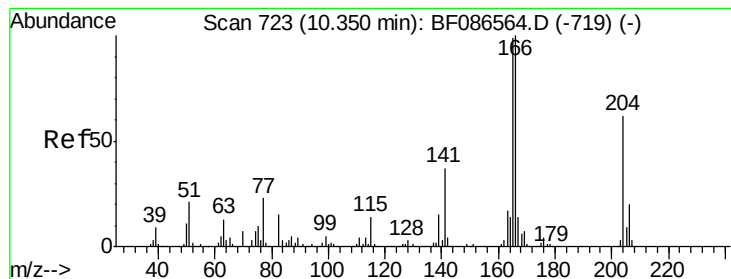
165 100

63 75.4 44.3 66.5#

89 96.8 70.0 105.0

182 2.4 1.8 2.6





#57

Fluorene

Concen: 36.34 ng

RT: 10.35 min Scan# 723

Delta R.T. -0.01 min

Lab File: BF086530.D

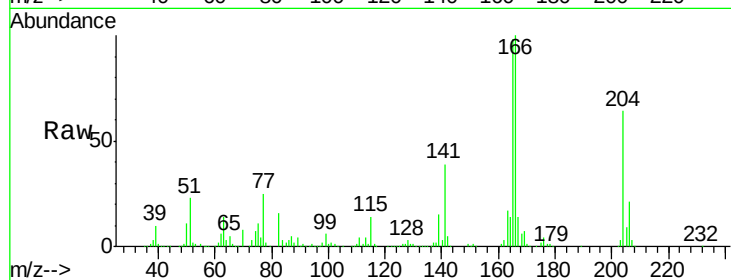
Acq: 30 Apr 2016 18:17

Instrument :

BNA_F

ClientSampleId :

PB90183BS



Tgt Ion:166 Resp: 715781

Ion Ratio Lower Upper

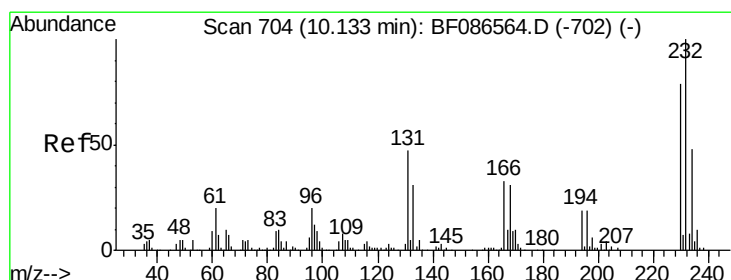
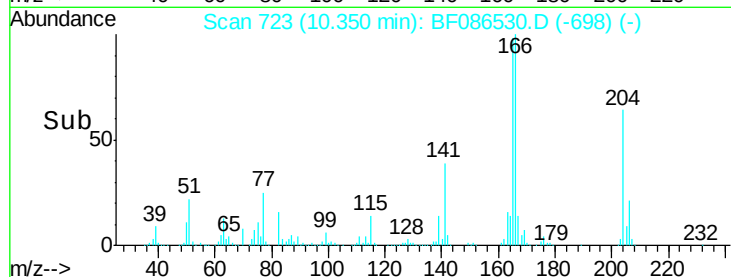
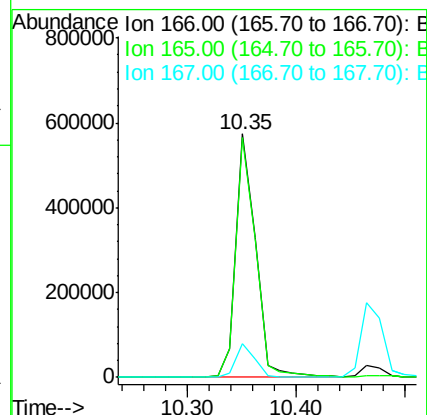
166 100

165 98.2 79.0 118.6

167 13.9 10.6 15.8

Manual Integrations
APPROVED

sohil
5/2/2016 7:53:32 PM



#58

2,3,4,6-Tetrachlorophenol

Concen: 46.07 ng

RT: 10.13 min Scan# 704

Delta R.T. -0.00 min

Lab File: BF086530.D

Acq: 30 Apr 2016 18:17

Tgt Ion:232 Resp: 202076

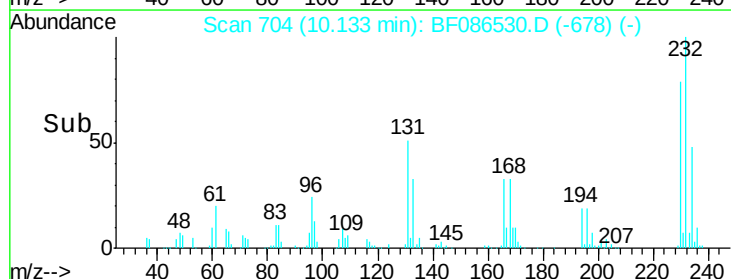
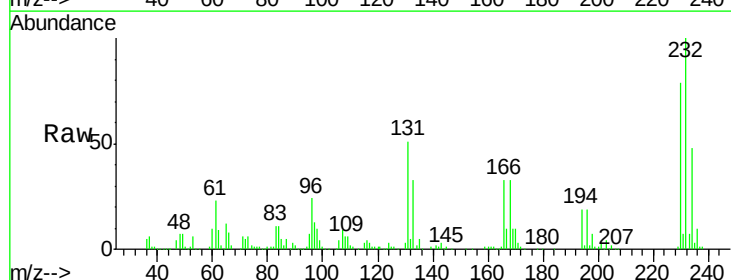
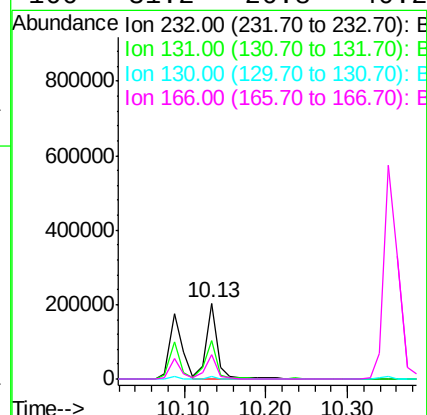
Ion Ratio Lower Upper

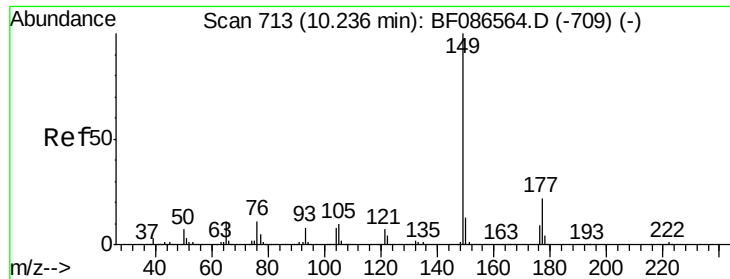
232 100

131 52.3 41.9 62.9

130 2.5 2.2 3.4

166 31.2 26.8 40.2





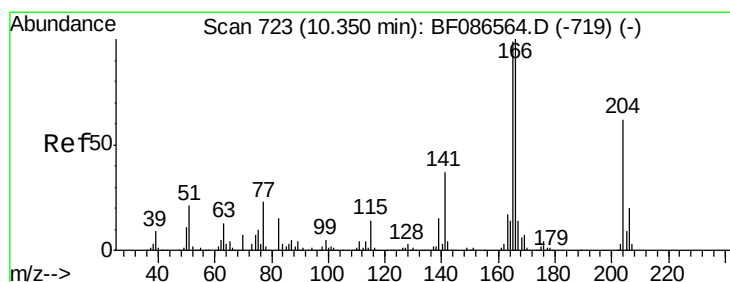
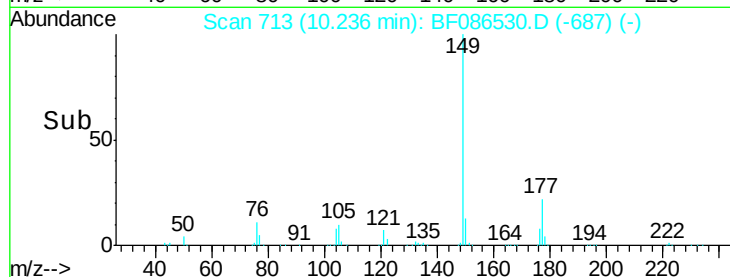
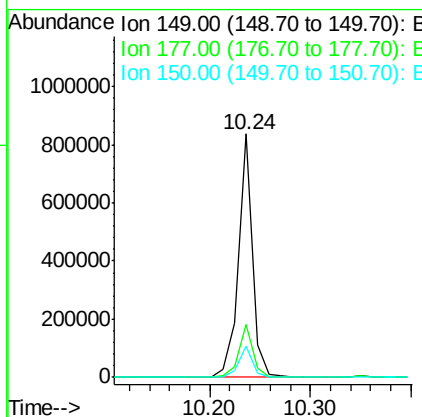
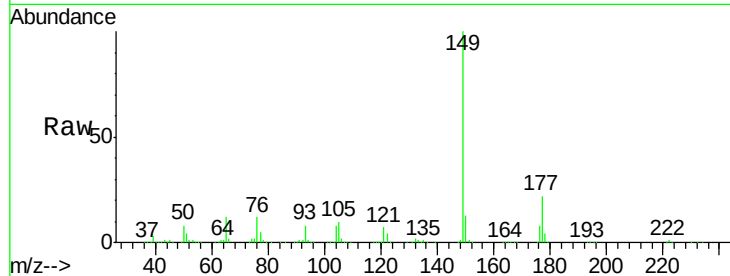
#59
Diethylphthalate
Concen: 40.08 ng
RT: 10.24 min Scan# 713
Delta R.T. -0.00 min
Lab File: BF086530.D
Acq: 30 Apr 2016 18:17

Instrument :
BNA_F
ClientSampled :
PB90183BS

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	812578		
177	21.9	16.6	24.8	
150	12.8	10.0	15.0	

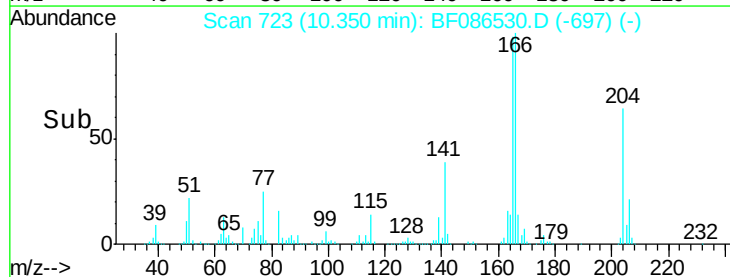
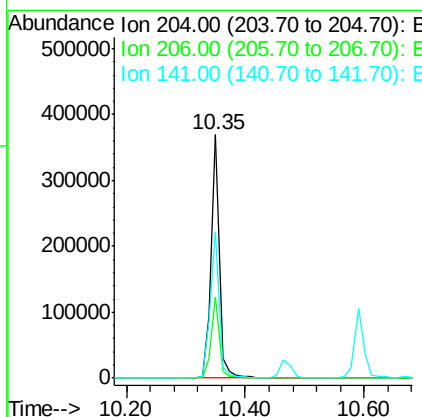
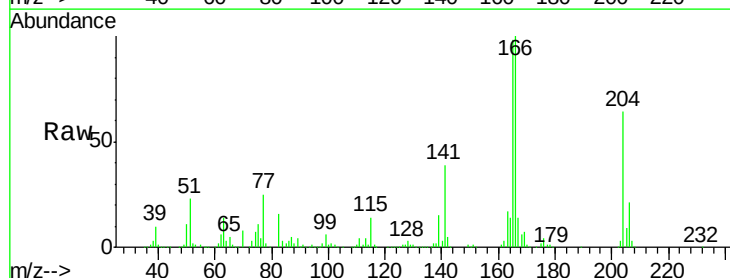
Manual Integrations
APPROVED

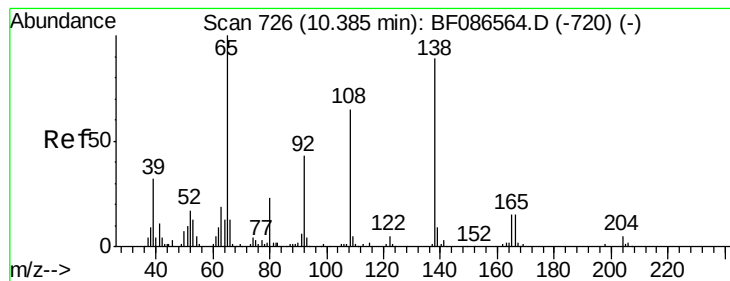
sohil
5/2/2016 7:53:32 PM



#60
4-Chlorophenyl-phenylether
Concen: 40.13 ng
RT: 10.35 min Scan# 723
Delta R.T. -0.00 min
Lab File: BF086530.D
Acq: 30 Apr 2016 18:17

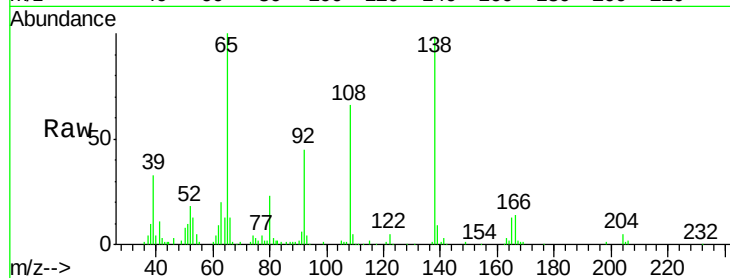
Tgt Ion	Ratio	Resp	Lower	Upper
204	100	358947		
206	33.1	25.4	38.0	
141	59.9	61.6	92.4#	





#61
4-Nitroaniline
Concen: 41.81 ng
RT: 10.38 min Scan# 726
Delta R.T. -0.00 min
Lab File: BF086530.D
Acq: 30 Apr 2016 18:17

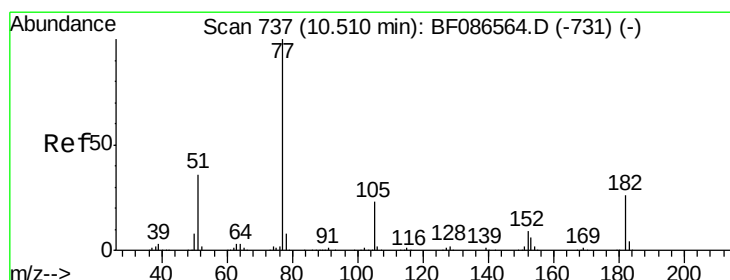
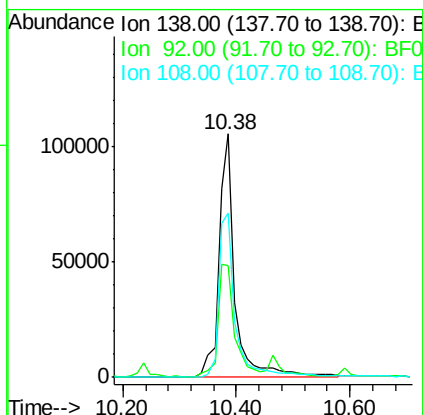
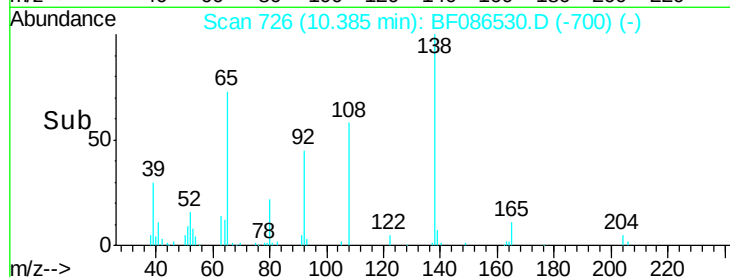
Instrument :
BNA_F
ClientSampleId :
PB90183BS



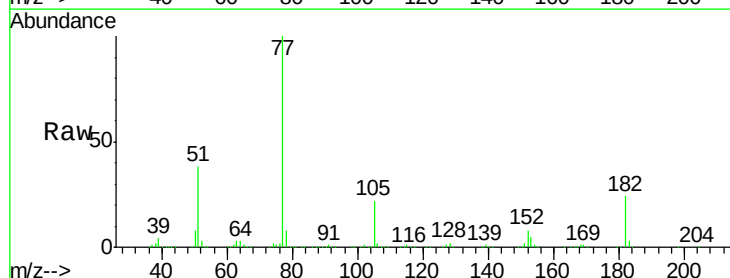
Tgt Ion	Ratio	Lower	Upper
138	100		
92	46.0	24.7	64.7
108	67.4	37.4	77.4

Manual Integrations
APPROVED

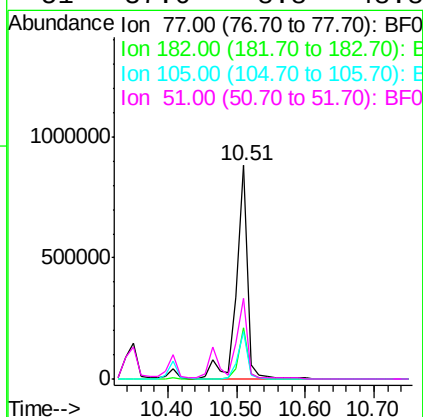
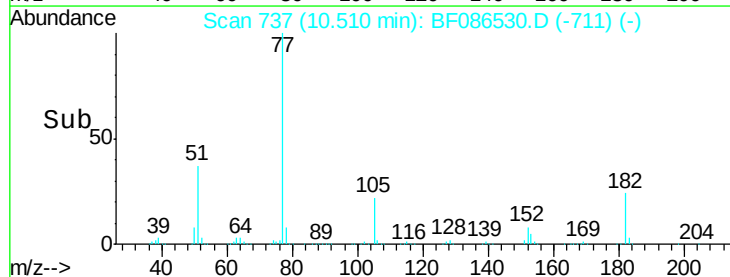
sohil
5/2/2016 7:53:32 PM

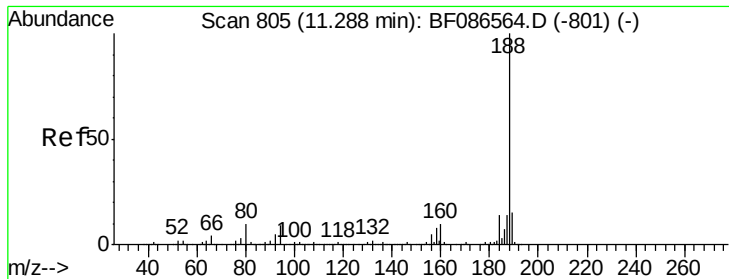


#62
Azobenzene
Concen: 45.37 ng
RT: 10.51 min Scan# 737
Delta R.T. -0.00 min
Lab File: BF086530.D
Acq: 30 Apr 2016 18:17



Tgt Ion	Ratio	Lower	Upper
77	100		
182	23.9	0.0	38.8
105	22.2	3.2	43.2
51	37.6	8.8	48.8





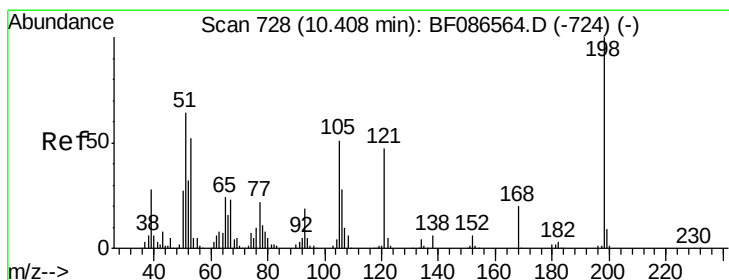
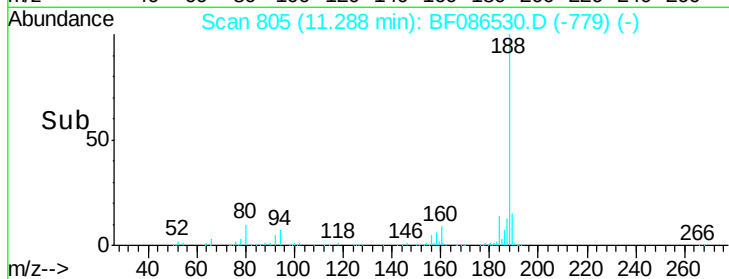
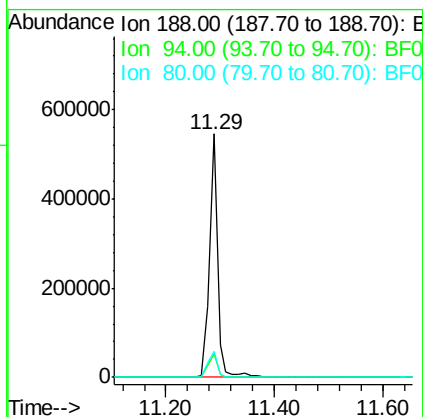
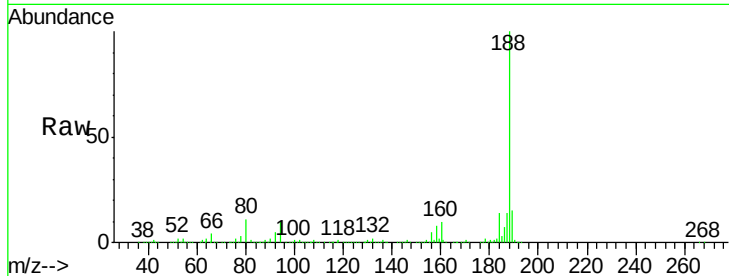
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.29 min Scan# 805
Delta R.T. -0.00 min
Lab File: BF086530.D
Acq: 30 Apr 2016 18:17

Instrument :
BNA_F
ClientSampleId :
PB90183BS

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	571377		
94	9.8	6.8	10.2	
80	10.5	7.1	10.7	

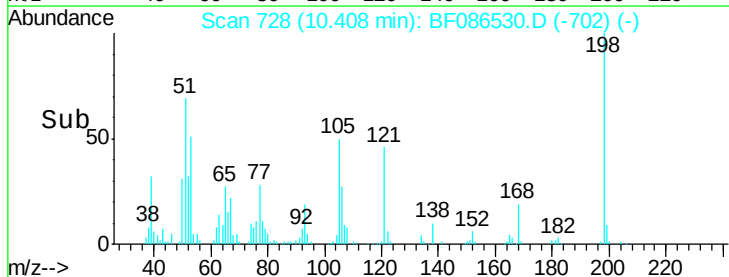
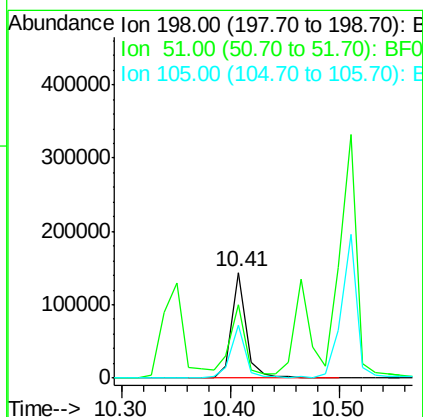
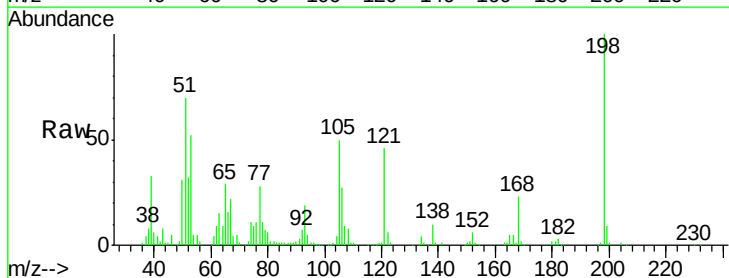
Manual Integrations
APPROVED

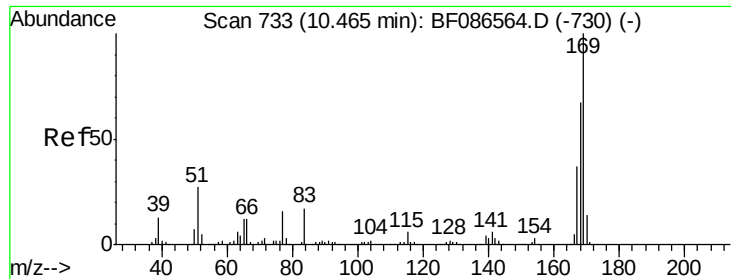
sohil
5/2/2016 7:53:32 PM



#64
4,6-Dinitro-2-methylphenol
Concen: 40.32 ng
RT: 10.41 min Scan# 728
Delta R.T. -0.00 min
Lab File: BF086530.D
Acq: 30 Apr 2016 18:17

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	135243		
51	69.8	20.5	60.5#	
105	50.4	24.5	64.5	





#65

n-Nitrosodiphenylamine

Concen: 37.86 ng

RT: 10.46 min Scan# 733

Delta R.T. -0.01 min

Lab File: BF086530.D

Acq: 30 Apr 2016 18:17

Instrument :

BNA_F

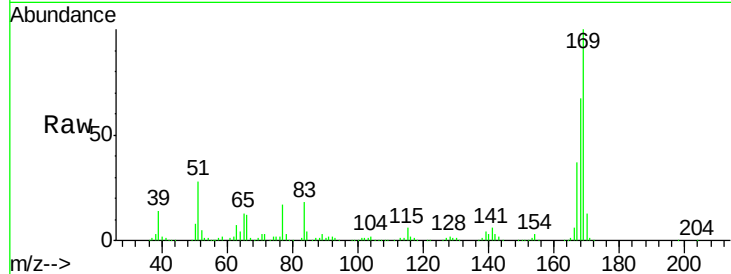
ClientSampleId :

PB90183BS

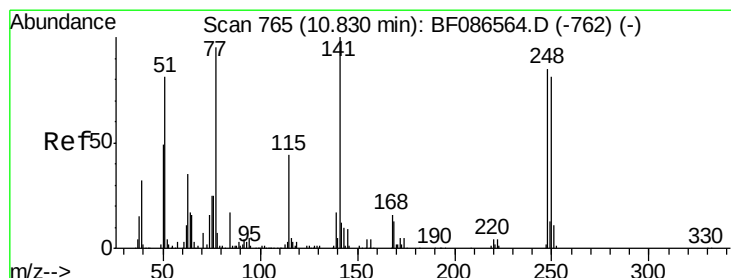
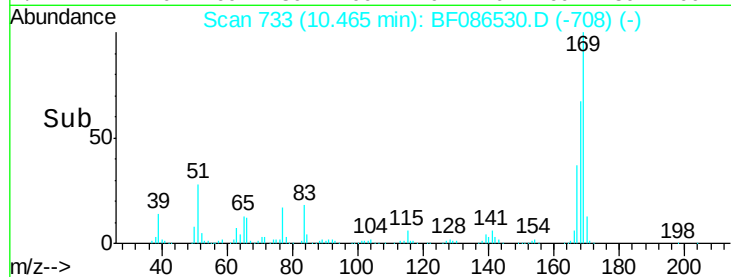
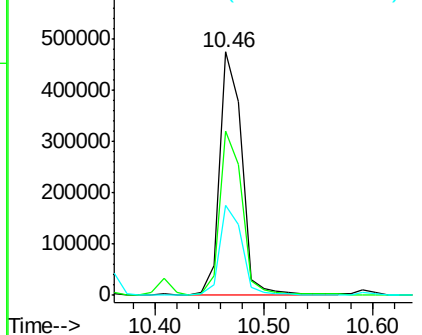
Tgt Ion:	169	Resp:	676146
Ion Ratio	Lower	Upper	
169	100		
168	67.2	53.8	80.6
167	36.7	29.5	44.3

Manual Integrations
APPROVED

sohil
5/2/2016 7:53:32 PM



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



#66

4-Bromophenyl-phenylether

Concen: 36.22 ng

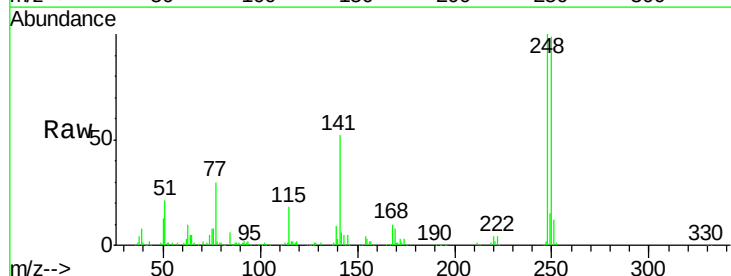
RT: 10.84 min Scan# 766

Delta R.T. -0.00 min

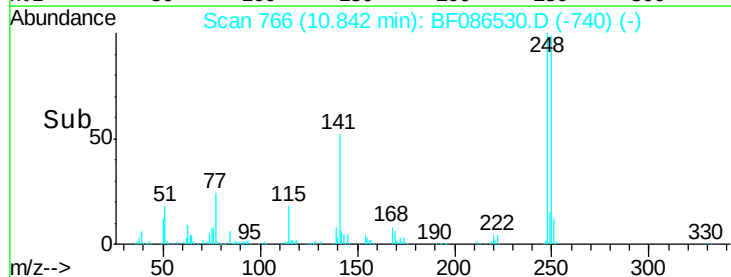
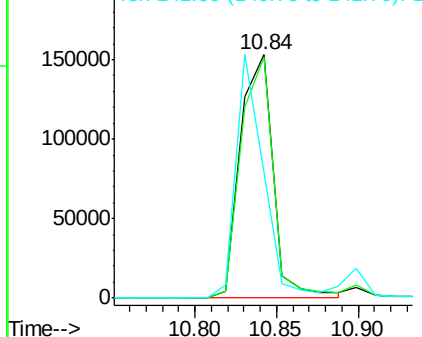
Lab File: BF086530.D

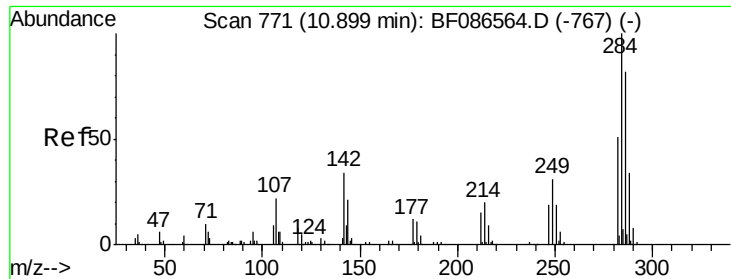
Acq: 30 Apr 2016 18:17

Tgt Ion:	248	Resp:	213276
Ion Ratio	Lower	Upper	
248	100		
250	98.9	78.6	117.8
141	51.8	76.0	114.0#



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





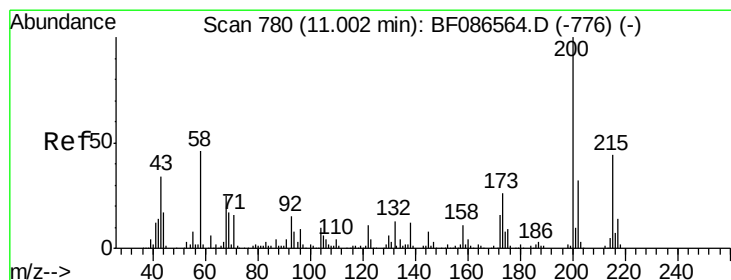
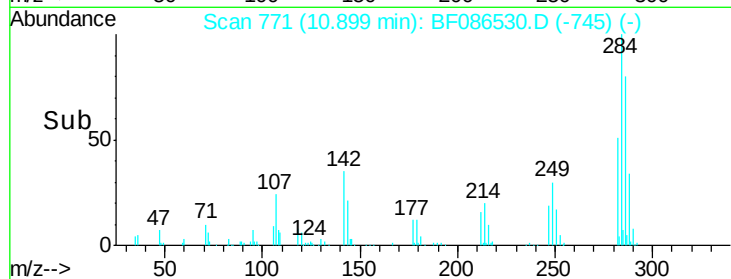
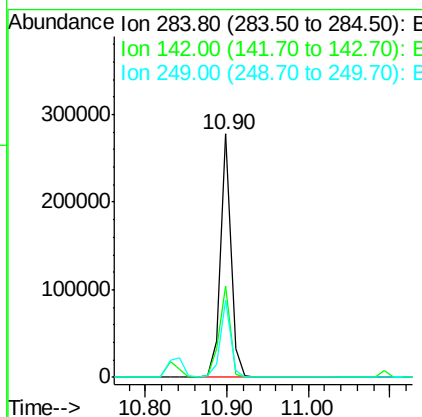
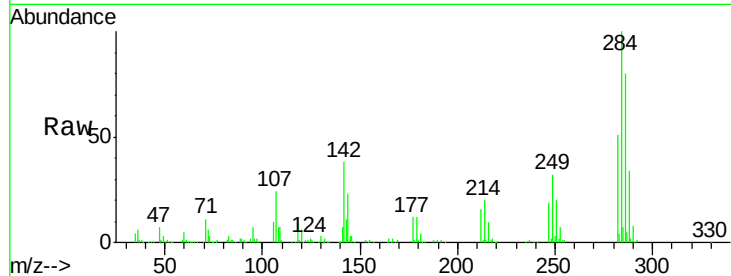
#67
Hexachlorobenzene
Concen: 36.36 ng
RT: 10.90 min Scan# 771
Delta R.T. -0.00 min
Lab File: BF086530.D
Acq: 30 Apr 2016 18:17

Instrument :
BNA_F
ClientSampleId :
PB90183BS

Tgt Ion	Ratio	Resp	Lower	Upper
284	100	247816		
142	37.7	16.7	25.1#	
249	31.6	21.3	31.9	

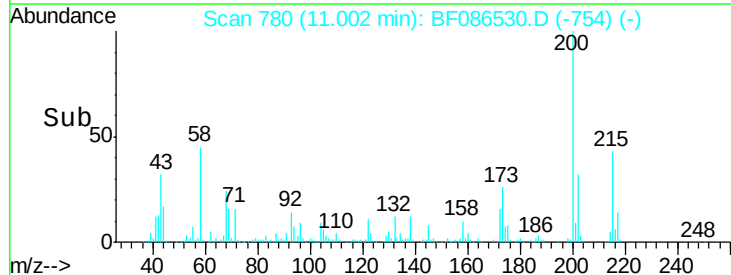
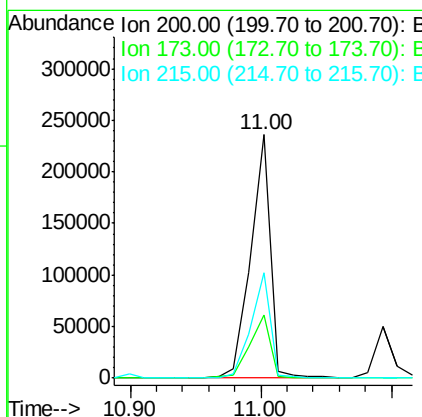
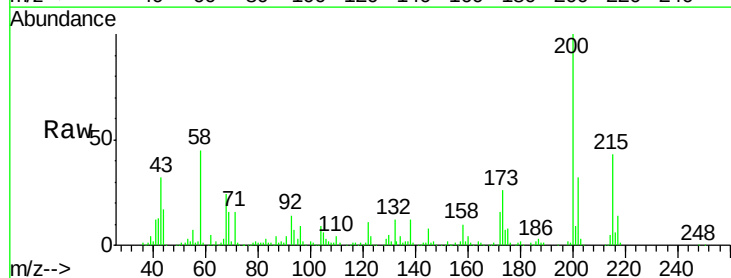
Manual Integrations
APPROVED

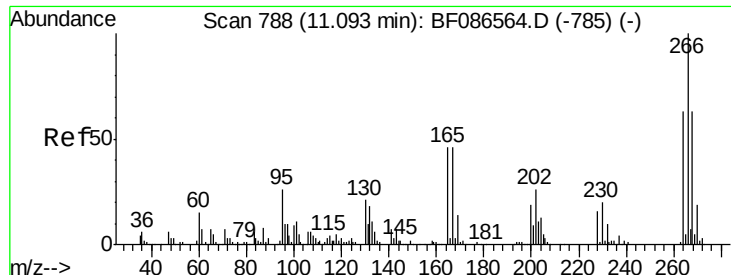
sohil
5/2/2016 7:53:32 PM



#68
Atrazine
Concen: 46.18 ng
RT: 11.00 min Scan# 780
Delta R.T. -0.00 min
Lab File: BF086530.D
Acq: 30 Apr 2016 18:17

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	247618		
173	26.1	8.5	48.5	
215	43.4	27.2	67.2	





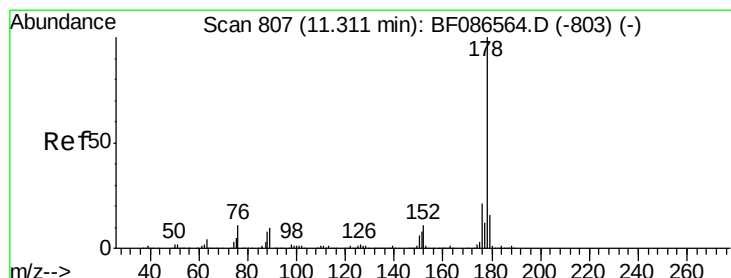
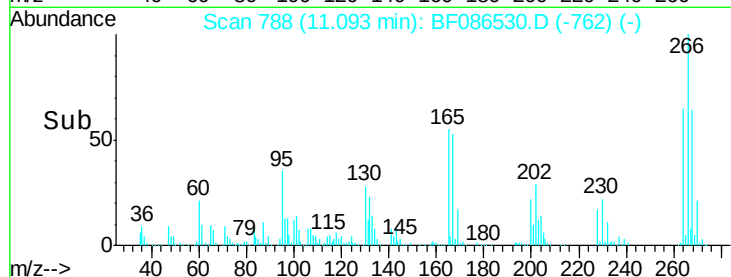
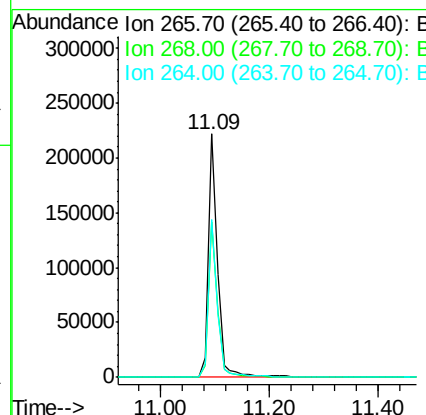
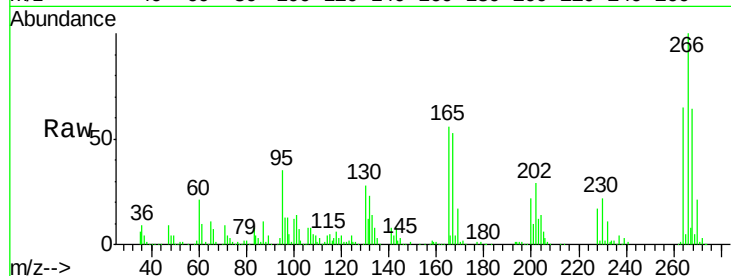
#69
 Pentachlorophenol
 Concen: 71.63 ng
 RT: 11.09 min Scan# 788
 Delta R.T. -0.00 min
 Lab File: BF086530.D
 Acq: 30 Apr 2016 18:17

Instrument :
 BNA_F
 ClientSampleId :
 PB90183BS

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	257379		
268	63.5	51.5	77.3	
264	64.7	52.9	79.3	

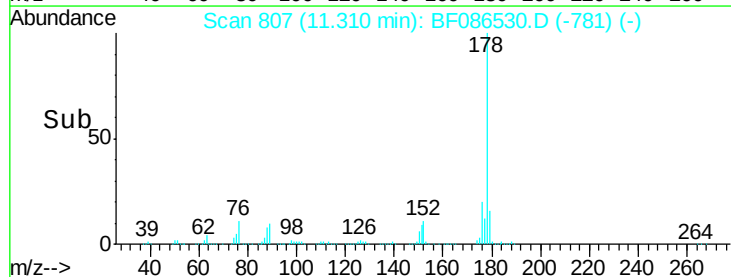
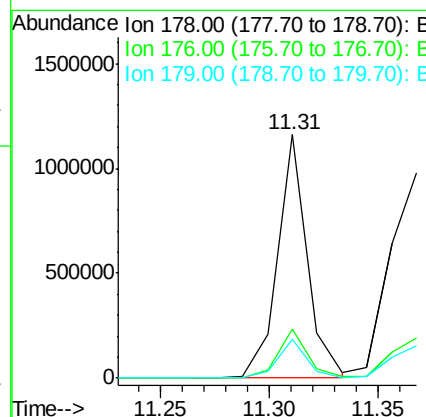
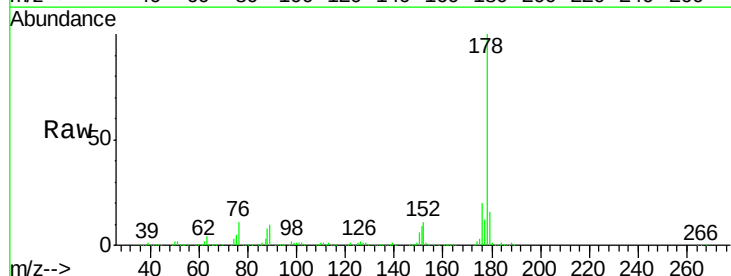
Manual Integrations
 APPROVED

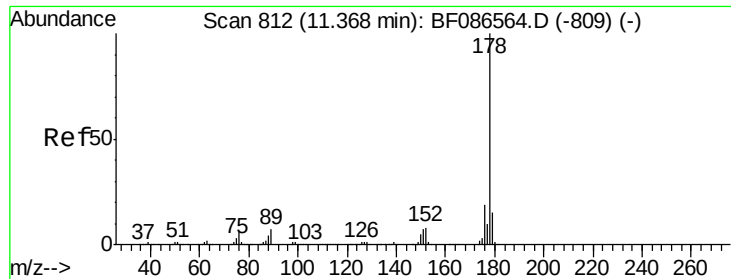
sohil
 5/2/2016 7:53:32 PM



#70
 Phenanthrene
 Concen: 37.19 ng
 RT: 11.31 min Scan# 807
 Delta R.T. -0.00 min
 Lab File: BF086530.D
 Acq: 30 Apr 2016 18:17

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	1115263		
176	20.2	16.0	24.0	
179	15.9	12.6	18.8	





#71

Anthracene

Concen: 40.76 ng

RT: 11.37 min Scan# 812

Delta R.T. -0.00 min

Lab File: BF086530.D

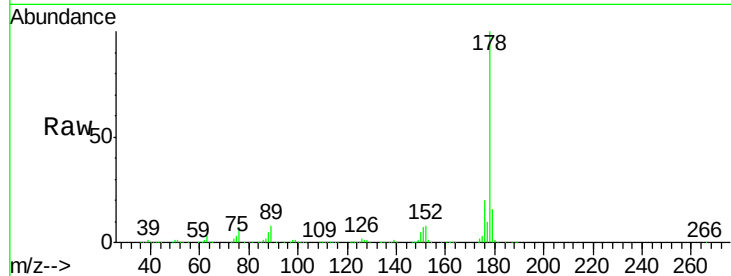
Acq: 30 Apr 2016 18:17

Instrument :

BNA_F

ClientSampleId :

PB90183BS



Tgt Ion:178 Resp: 1304414

Ion Ratio Lower Upper

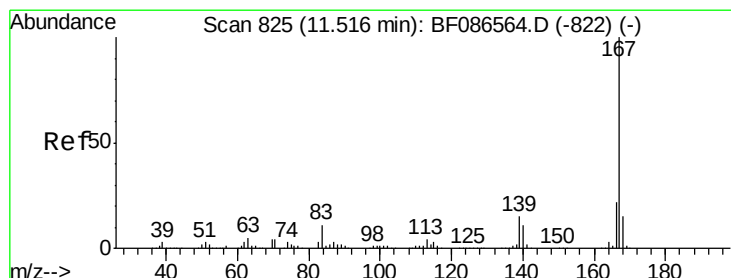
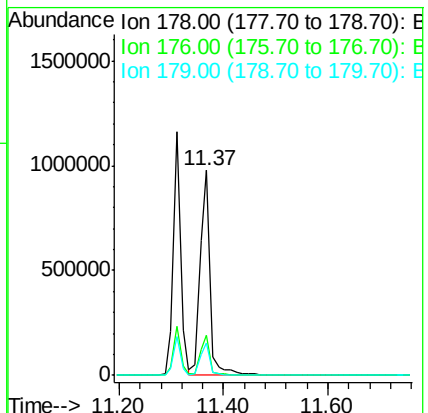
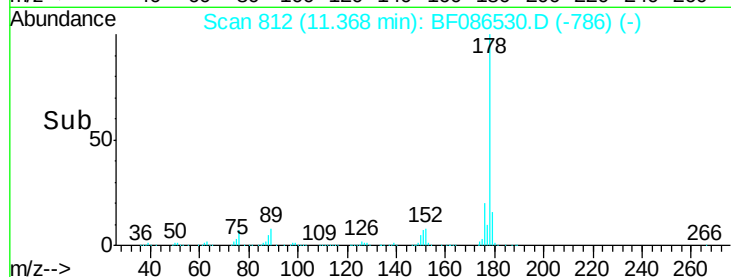
178 100

176 19.6 15.6 23.4

179 15.6 12.7 19.1

Manual Integrations
APPROVED

sohil
5/2/2016 7:53:32 PM



#72

Carbazole

Concen: 39.08 ng

RT: 11.52 min Scan# 825

Delta R.T. -0.01 min

Lab File: BF086530.D

Acq: 30 Apr 2016 18:17

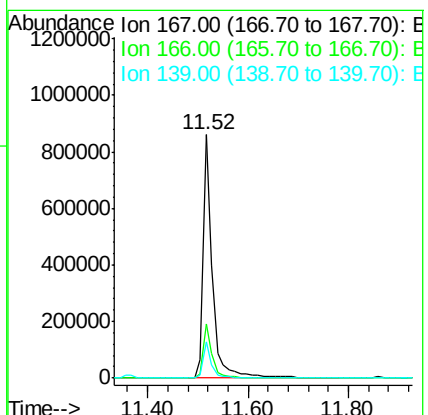
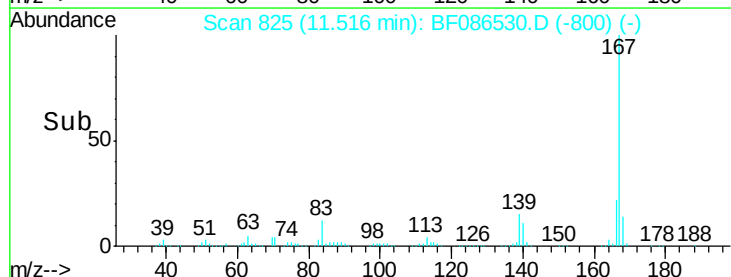
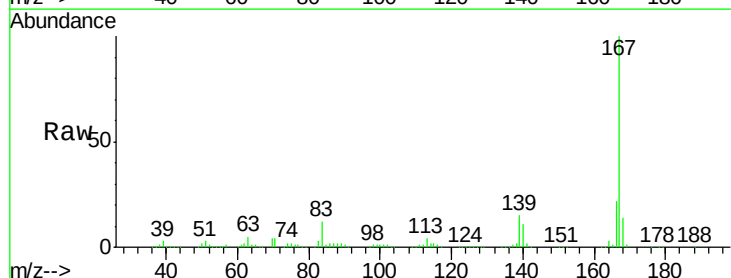
Tgt Ion:167 Resp: 1108394

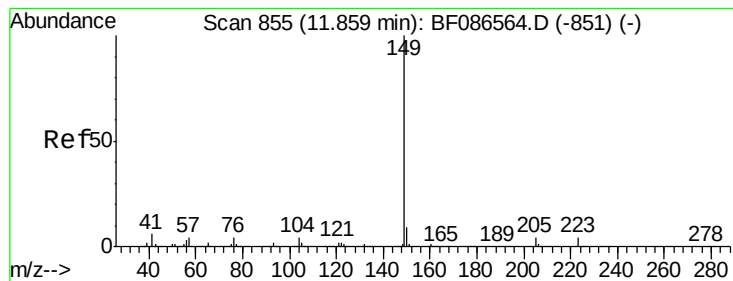
Ion Ratio Lower Upper

167 100

166 22.2 17.7 26.5

139 14.7 10.8 16.2





#73

Di-n-butylphthalate

Concen: 41.55 ng

RT: 11.86 min Scan# 855

Delta R.T. -0.00 min

Lab File: BF086530.D

Acq: 30 Apr 2016 18:17

Instrument :

BNA_F

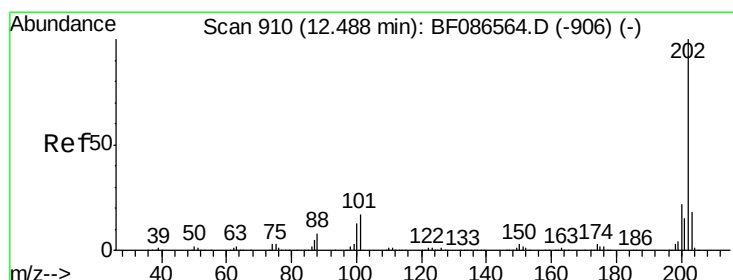
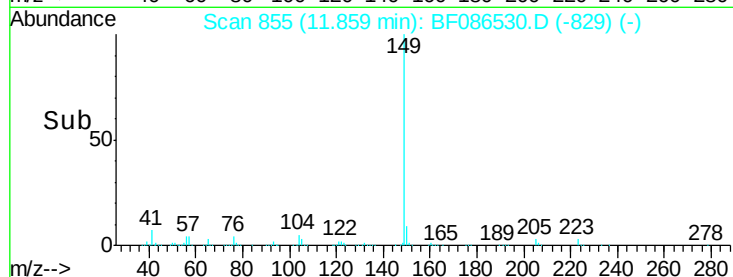
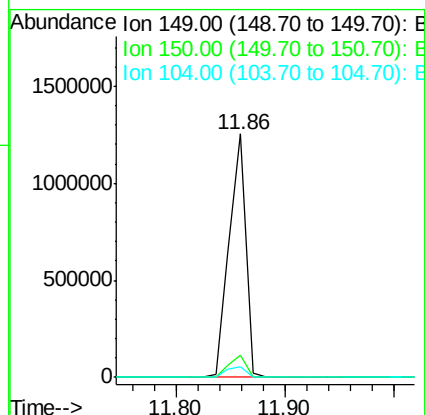
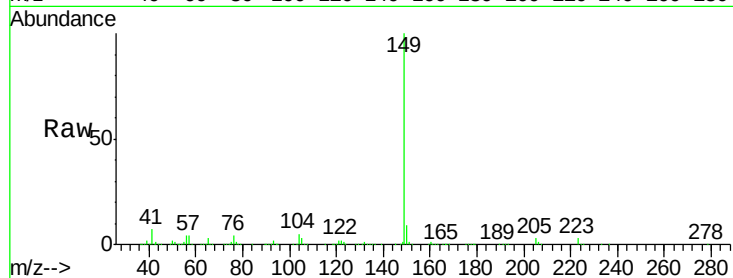
ClientSampleId :

PB90183BS

Manual Integrations
APPROVED

sohil
5/2/2016 7:53:32 PM

Tgt Ion:	149	Resp:	1335153
Ion Ratio	Lower	Upper	
149	100		
150	9.2	7.6	11.4
104	4.6	3.8	5.6



#74

Fluoranthene

Concen: 41.22 ng

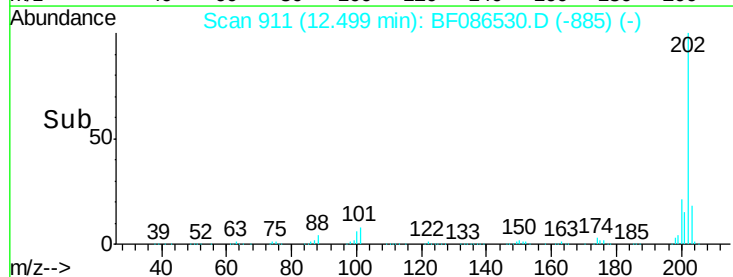
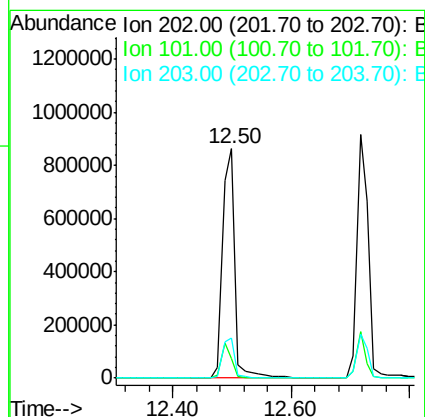
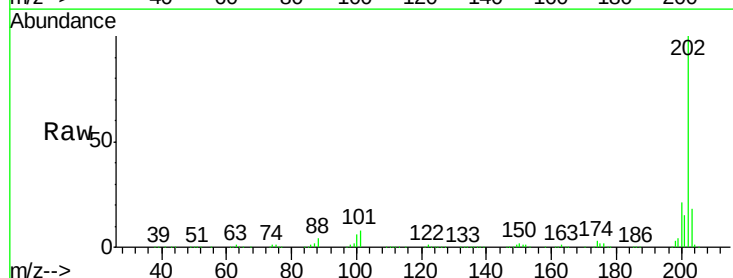
RT: 12.50 min Scan# 911

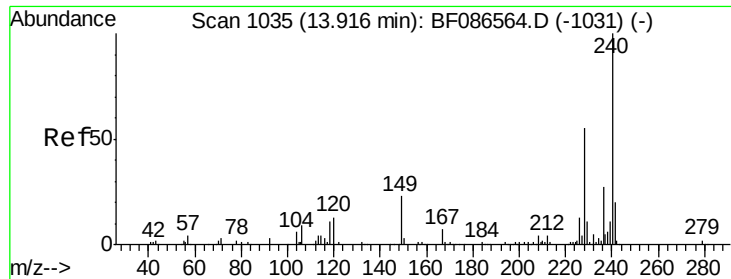
Delta R.T. -0.00 min

Lab File: BF086530.D

Acq: 30 Apr 2016 18:17

Tgt Ion:	202	Resp:	1247772
Ion Ratio	Lower	Upper	
202	100		
101	8.3	0.0	35.4
203	17.6	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: BF086530.D

Acq: 30 Apr 2016 18:17

Instrument :

BNA_F

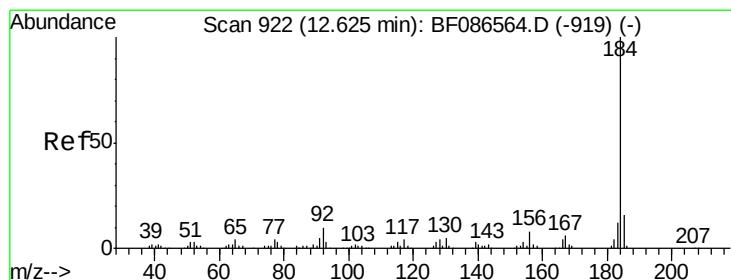
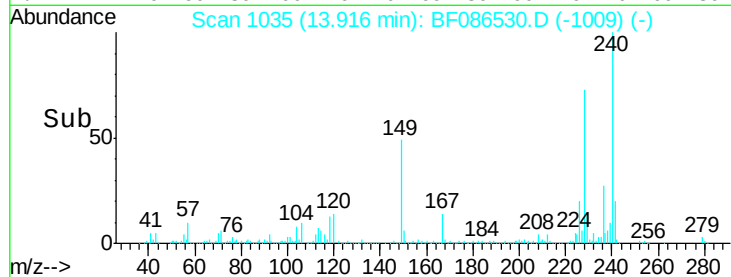
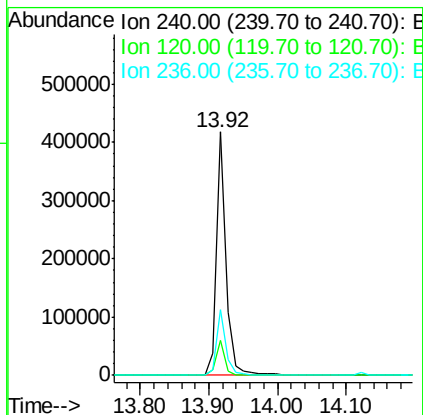
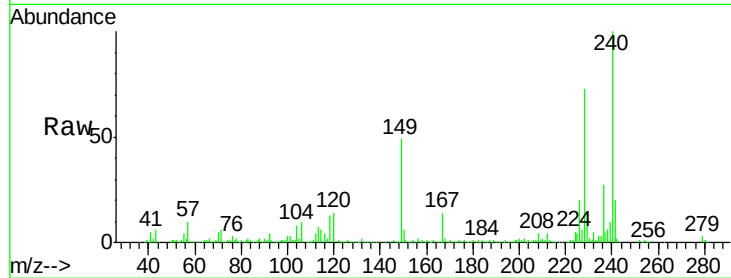
ClientSampleId :

PB90183BS

Tgt Ion:	240	Resp:	418721
Ion Ratio	Lower	Upper	
240	100		
120	14.5	11.2	16.8
236	26.7	21.2	31.8

Manual Integrations
APPROVED

sohil
5/2/2016 7:53:32 PM



#76

Benzidine

Concen: 24.32 ng

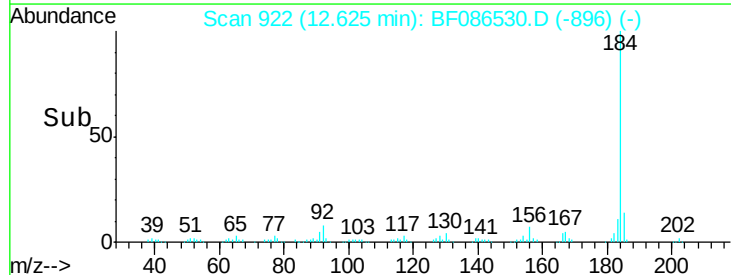
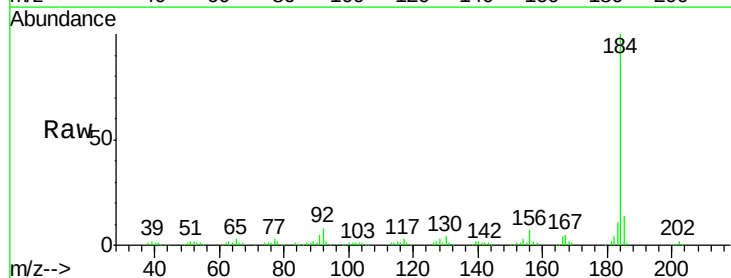
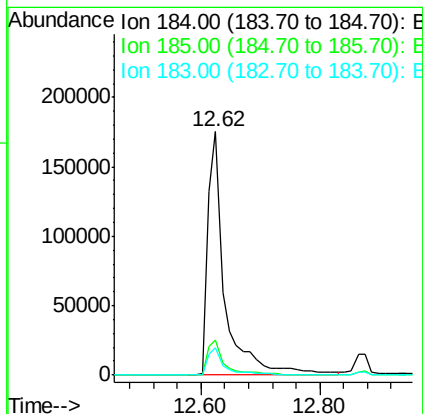
RT: 12.62 min Scan# 922

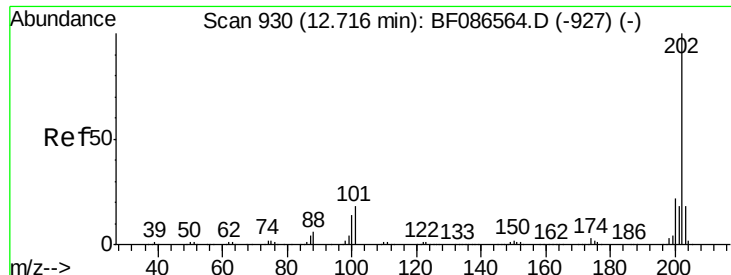
Delta R.T. -0.00 min

Lab File: BF086530.D

Acq: 30 Apr 2016 18:17

Tgt Ion:	184	Resp:	349888
Ion Ratio	Lower	Upper	
184	100		
185	14.5	13.6	20.4
183	11.2	9.8	14.6





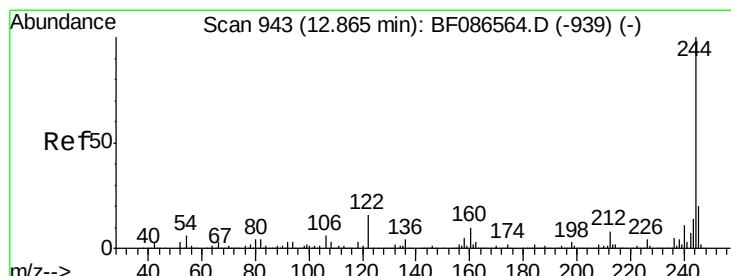
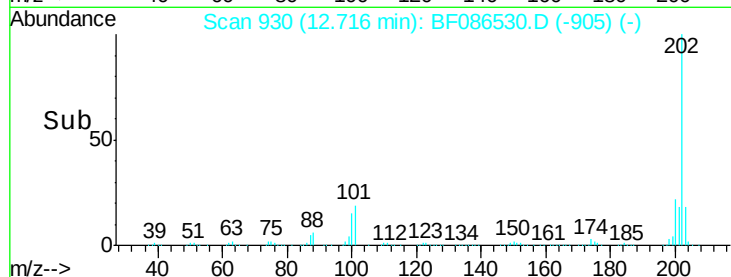
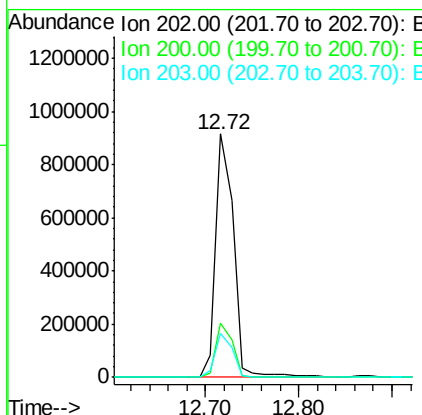
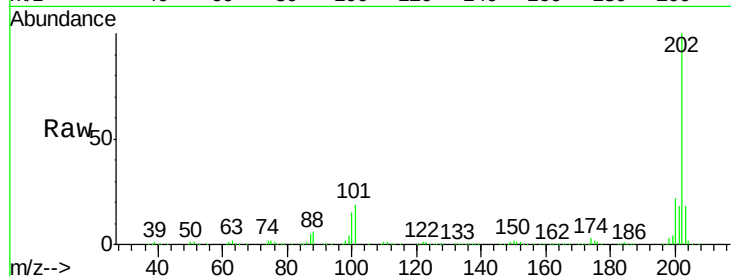
#77
 Pyrene
 Concen: 39.84 ng
 RT: 12.72 min Scan# 930
 Delta R.T. -0.01 min
 Lab File: BF086530.D
 Acq: 30 Apr 2016 18:17

Instrument :
 BNA_F
 ClientSampleId :
 PB90183BS

Tgt Ion	Ratio	Lower	Upper
202	100		
200	22.1	17.7	26.5
203	18.2	14.2	21.4

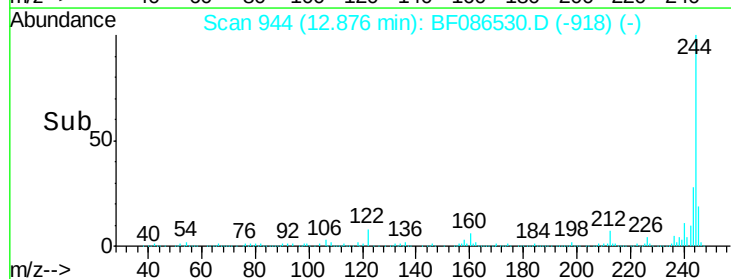
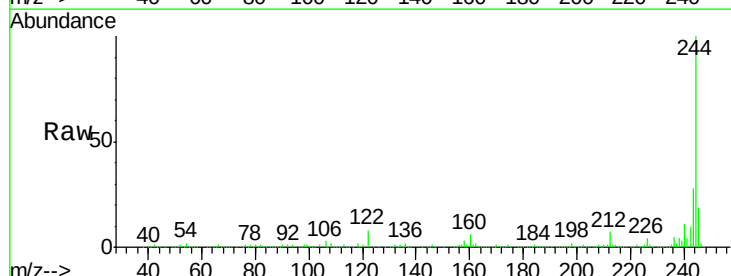
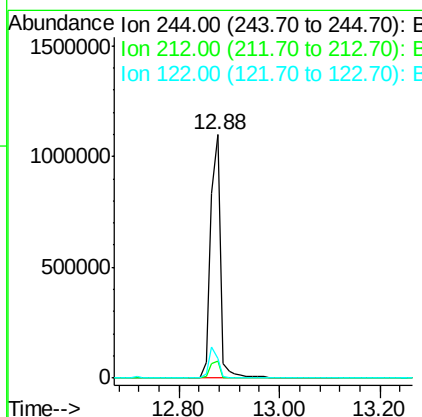
Manual Integrations
 APPROVED

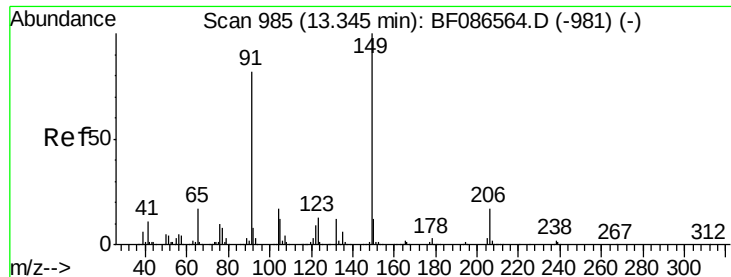
sohil
 5/2/2016 7:53:32 PM



#78
 Terphenyl-d14
 Concen: 79.35 ng
 RT: 12.88 min Scan# 944
 Delta R.T. -0.00 min
 Lab File: BF086530.D
 Acq: 30 Apr 2016 18:17

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.9	6.2	9.2
122	8.1	12.0	18.0#





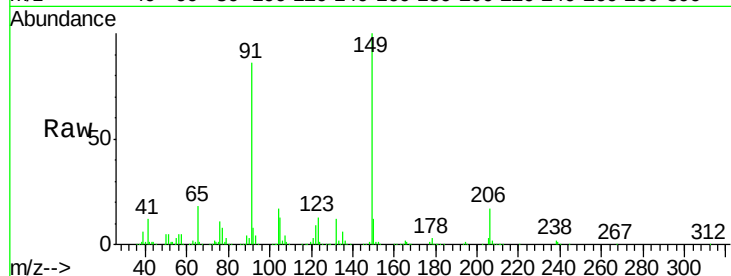
#79
Butylbenzylphthalate
Concen: 39.45 ng
RT: 13.34 min Scan# 985
Delta R.T. -0.00 min
Lab File: BF086530.D
Acq: 30 Apr 2016 18:17

Instrument :
BNA_F
ClientSampleId :
PB90183BS

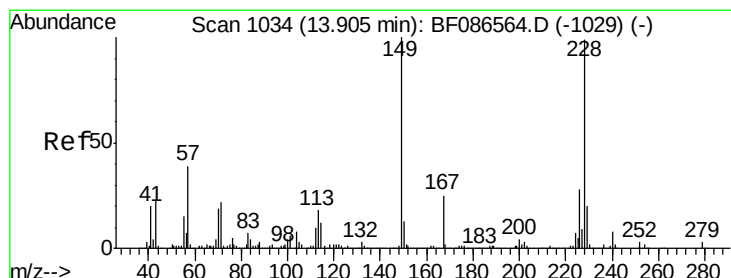
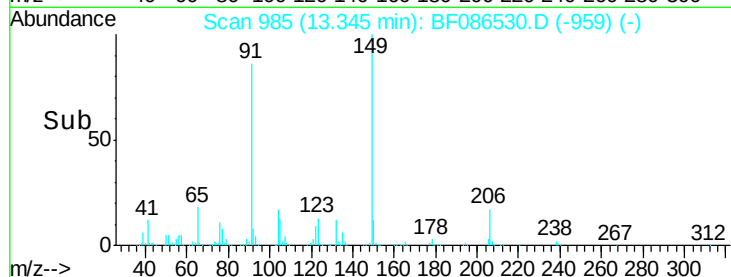
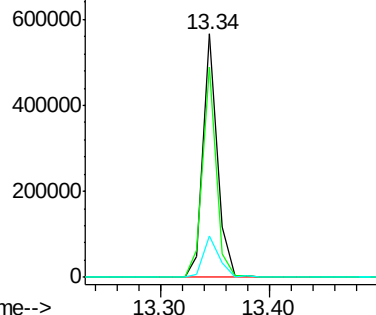
Tgt Ion	Ratio	Resp	Lower	Upper
149	100	515470		
91	86.3	48.0	72.0#	
206	17.0	15.8	23.6	

Manual Integrations
APPROVED

sohil
5/2/2016 7:53:32 PM



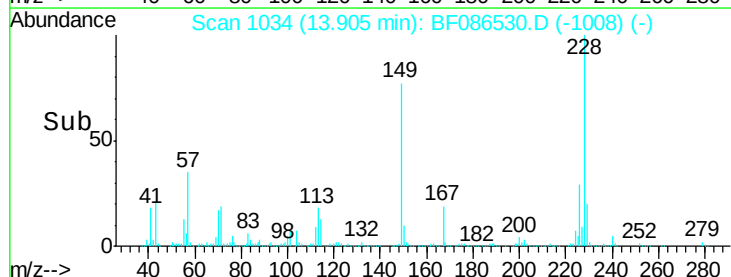
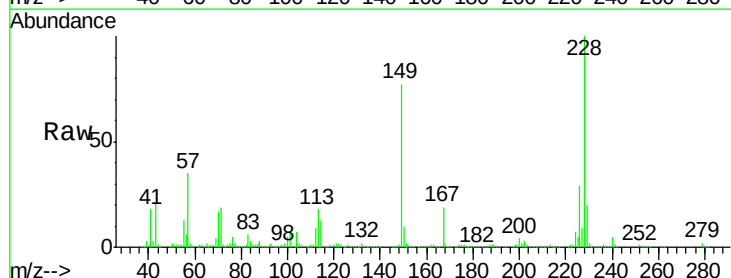
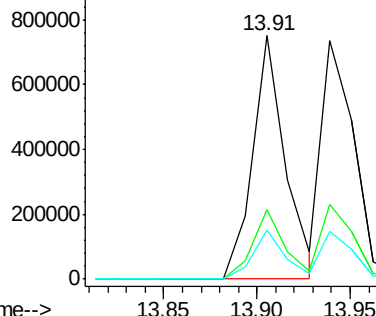
Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BF0
Ion 206.00 (205.70 to 206.70): E

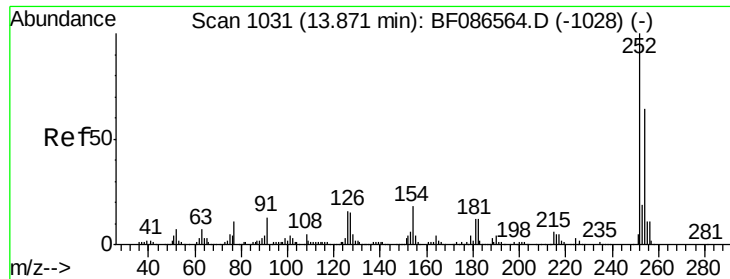


#80
Benzo(a)anthracene
Concen: 41.08 ng
RT: 13.91 min Scan# 1034
Delta R.T. -0.00 min
Lab File: BF086530.D
Acq: 30 Apr 2016 18:17

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	917041		
226	28.5	22.5	33.7	
229	20.1	16.6	25.0	

Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E





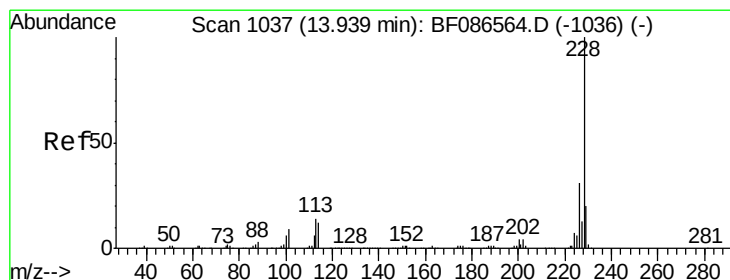
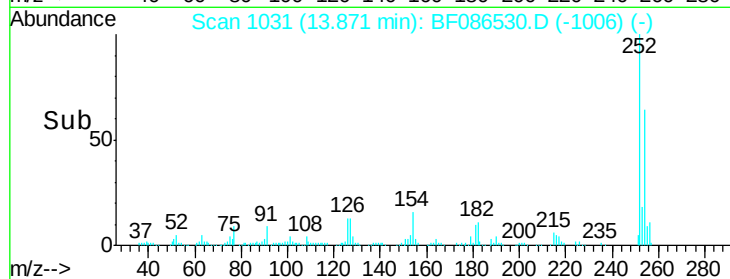
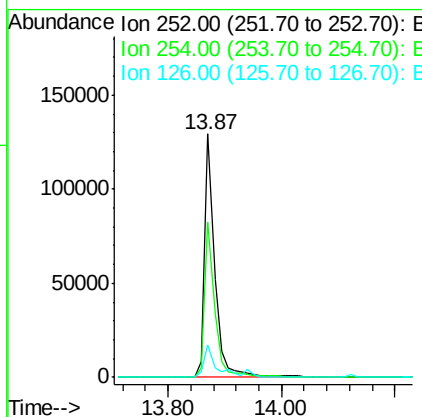
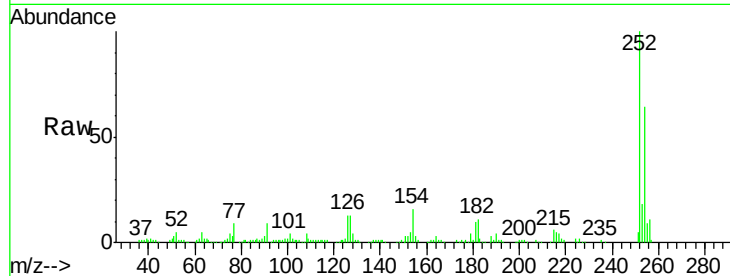
#81
 3,3'-Dichlorobenzidine
 Concen: 10.46 ng
 RT: 13.87 min Scan# 1031
 Delta R.T. -0.01 min
 Lab File: BF086530.D
 Acq: 30 Apr 2016 18:17

Instrument :
 BNA_F
 ClientSampleId :
 PB90183BS

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	156118		
254	64.0	50.7	76.1	
126	13.3	12.7	19.1	

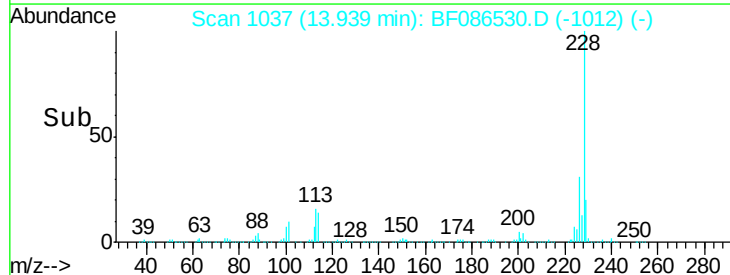
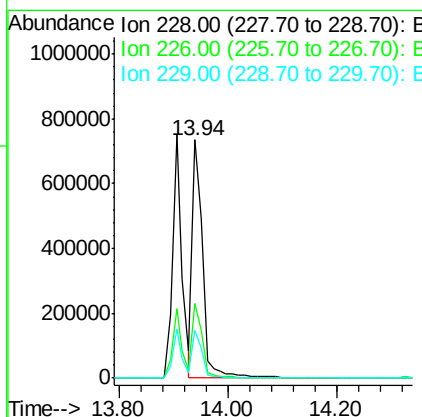
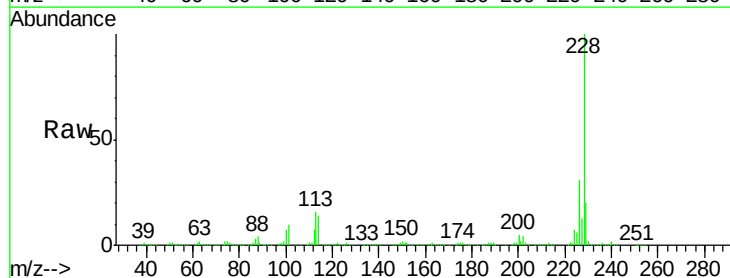
Manual Integrations
 APPROVED

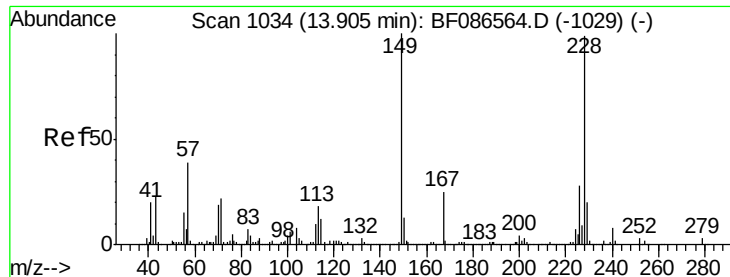
sohil
 5/2/2016 7:53:32 PM



#82
 Chrysene
 Concen: 39.44 ng
 RT: 13.94 min Scan# 1037
 Delta R.T. -0.01 min
 Lab File: BF086530.D
 Acq: 30 Apr 2016 18:17

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	956983		
226	31.3	24.4	36.6	
229	20.2	15.8	23.8	





#83

Bis(2-ethylhexyl)phthalate

Concen: 35.00 ng

RT: 13.91 min Scan# 1034

Delta R.T. -0.00 min

Lab File: BF086530.D

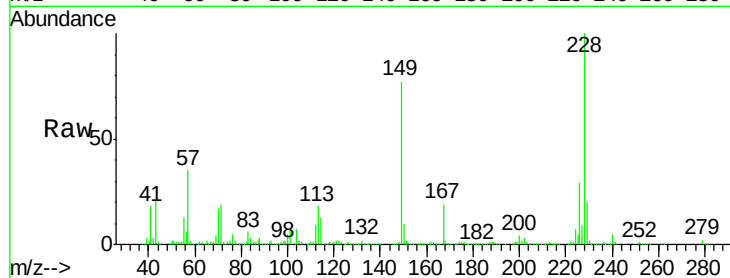
Acq: 30 Apr 2016 18:17

Instrument :

BNA_F

ClientSampleId :

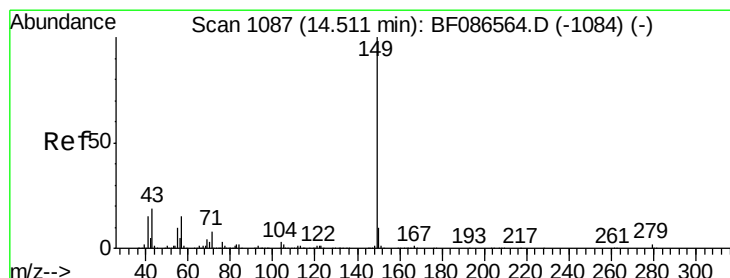
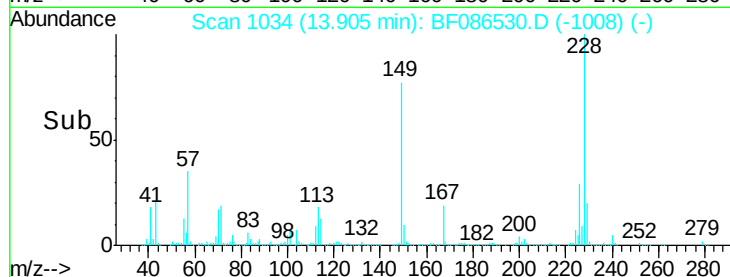
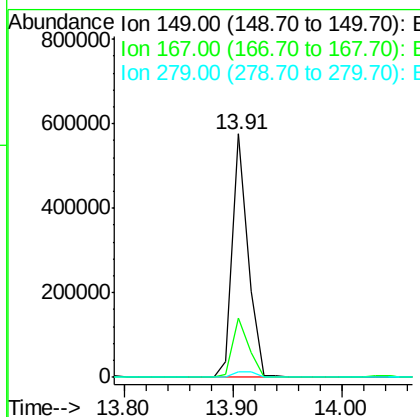
PB90183BS



Tgt Ion:	149	Resp:	567651
Ion Ratio	Lower	Upper	
149	100		
167	24.5	21.8	32.6
279	2.3	2.6	4.0#

Manual Integrations
APPROVED

sohil
5/2/2016 7:53:32 PM



#84

Di-n-octyl phthalate

Concen: 38.95 ng

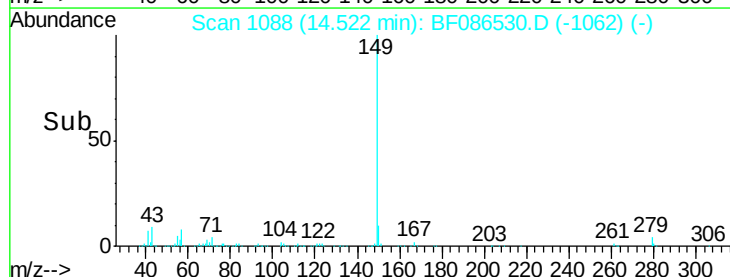
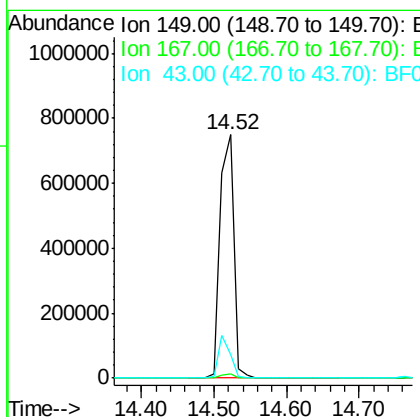
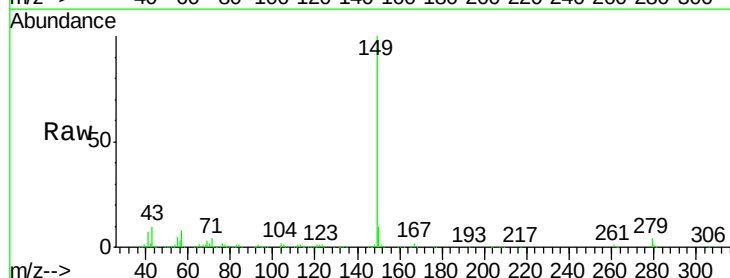
RT: 14.52 min Scan# 1088

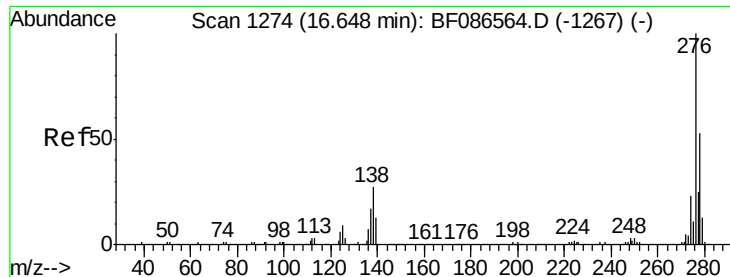
Delta R.T. -0.00 min

Lab File: BF086530.D

Acq: 30 Apr 2016 18:17

Tgt Ion:	149	Resp:	989279
Ion Ratio	Lower	Upper	
149	100		
167	1.6	1.2	1.8
43	14.6	8.2	12.4#





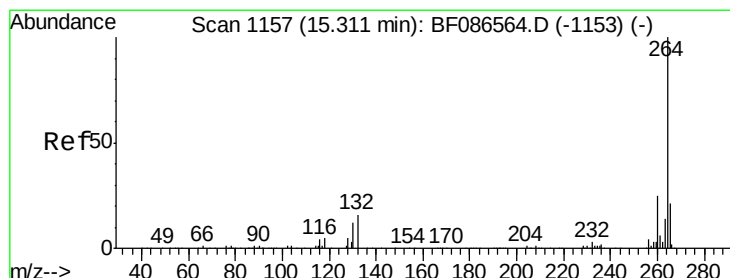
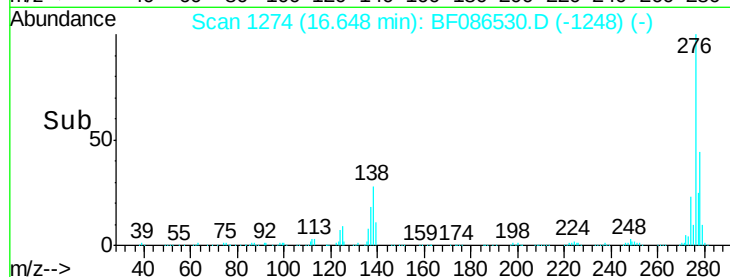
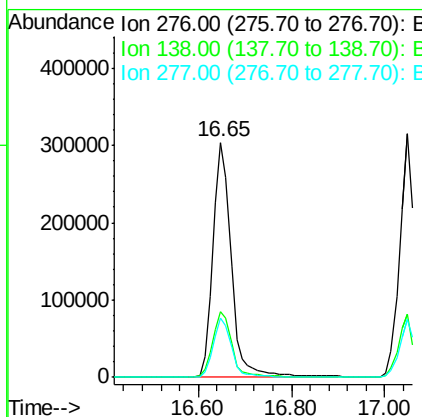
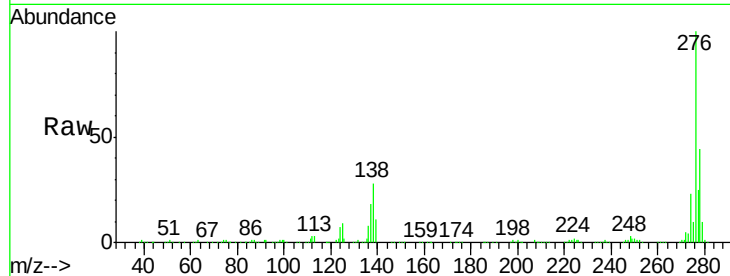
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 46.87 ng
 RT: 16.65 min Scan# 1274
 Delta R.T. -0.00 min
 Lab File: BF086530.D
 Acq: 30 Apr 2016 18:17

Instrument :
 BNA_F
 ClientSampleId :
 PB90183BS

Tgt Ion	Ratio	Lower	Upper
276	100		
138	28.8	25.6	38.4
277	25.4	20.5	30.7

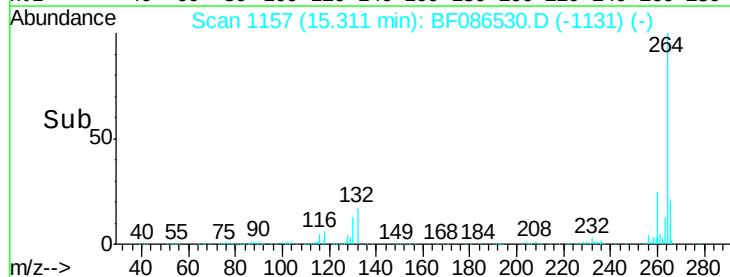
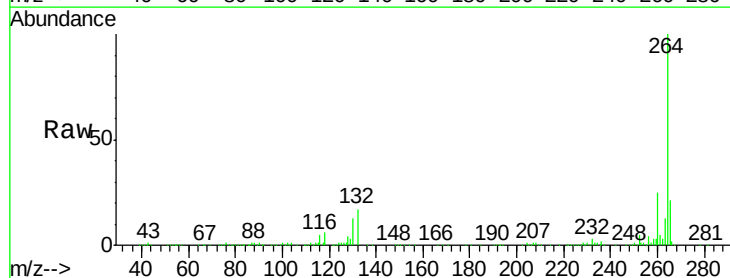
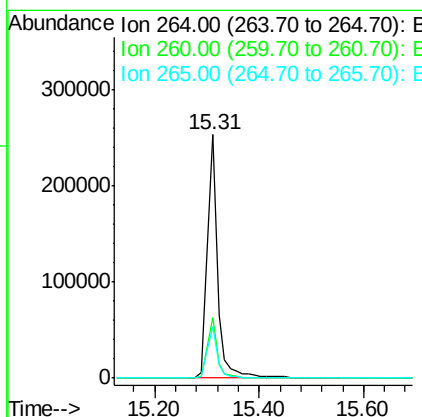
Manual Integrations
 APPROVED

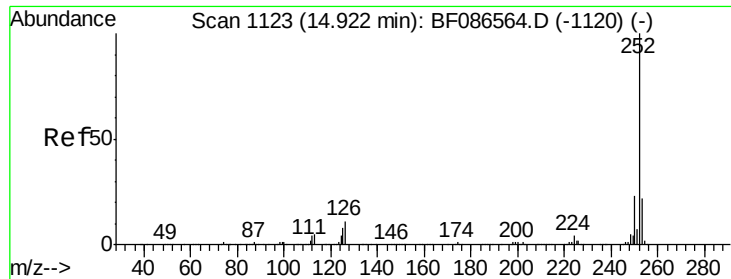
sohil
 5/2/2016 7:53:32 PM



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.31 min Scan# 1157
 Delta R.T. -0.00 min
 Lab File: BF086530.D
 Acq: 30 Apr 2016 18:17

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.7	19.5	29.3
265	21.4	17.3	25.9





#87

Benzo(b)fluoranthene

Concen: 43.12 ng m

RT: 14.92 min Scan# 1123

Delta R.T. -0.00 min

Lab File: BF086530.D

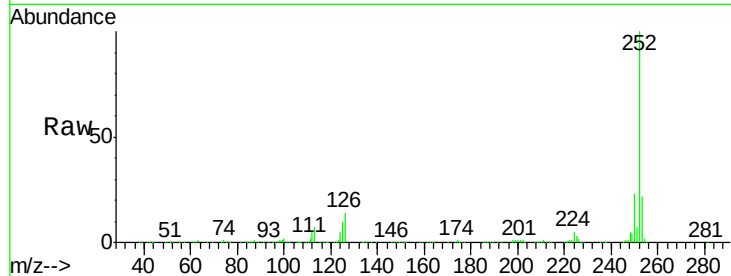
Acq: 30 Apr 2016 18:17

Instrument :

BNA_F

ClientSampleId :

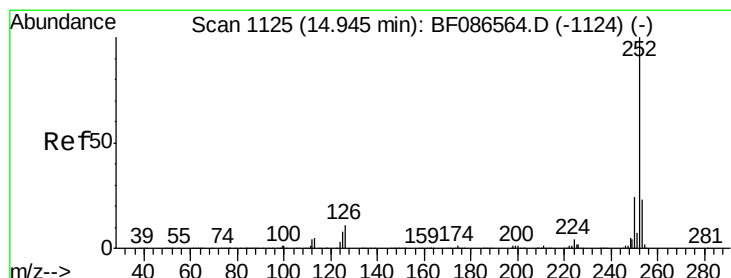
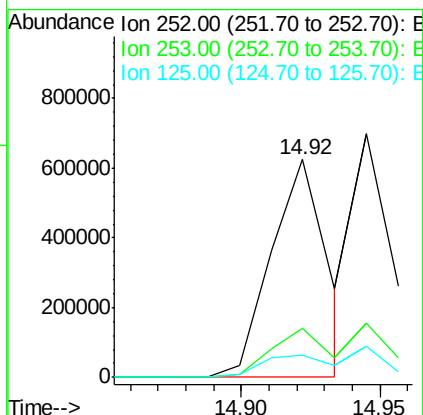
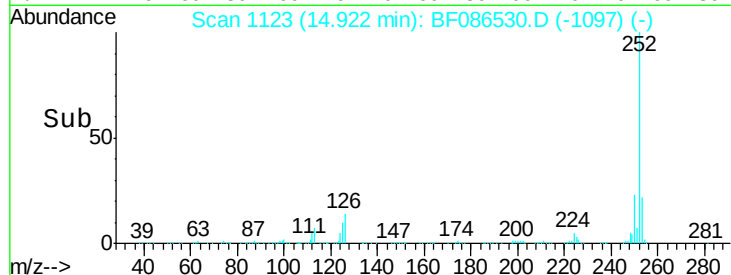
PB90183BS



Tgt Ion:	252	Resp:	876186
Ion Ratio	Lower	Upper	
252	100		
253	22.3	17.8	26.6
125	10.0	11.4	17.0

Manual Integrations
APPROVED

sohil
5/2/2016 7:53:32 PM



#88

Benzo(k)fluoranthene

Concen: 36.75 ng m

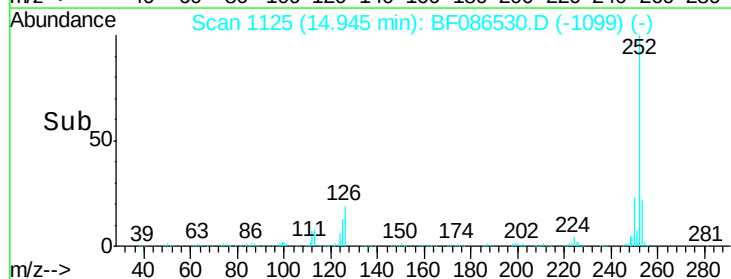
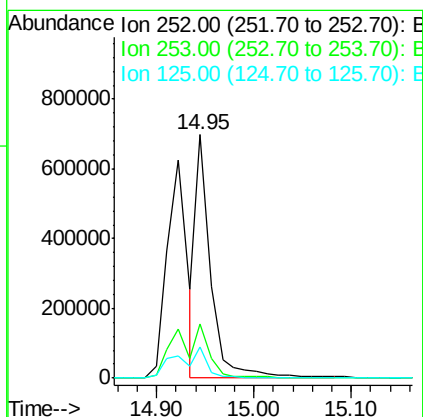
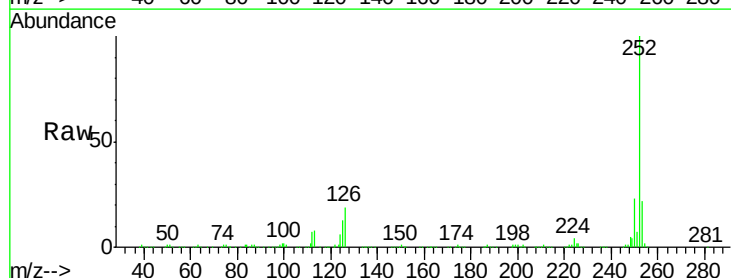
RT: 14.95 min Scan# 1125

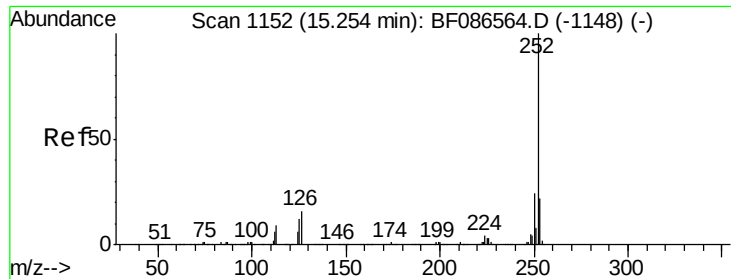
Delta R.T. -0.00 min

Lab File: BF086530.D

Acq: 30 Apr 2016 18:17

Tgt Ion:	252	Resp:	778880
Ion Ratio	Lower	Upper	
252	100		
253	22.5	17.8	26.6
125	13.1	9.1	13.7





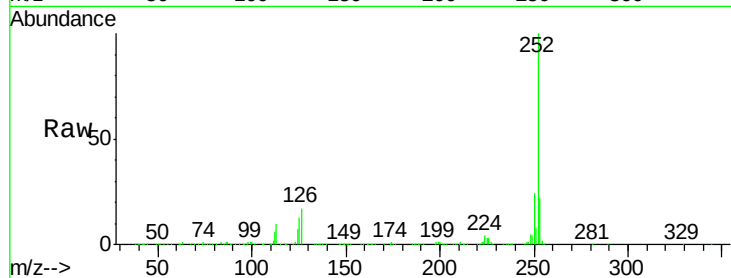
#89
Benzo(a)pyrene
Concen: 40.46 ng
RT: 15.25 min Scan# 1152
Delta R.T. -0.00 min
Lab File: BF086530.D
Acq: 30 Apr 2016 18:17

Instrument :
BNA_F
ClientSampleId :
PB90183BS

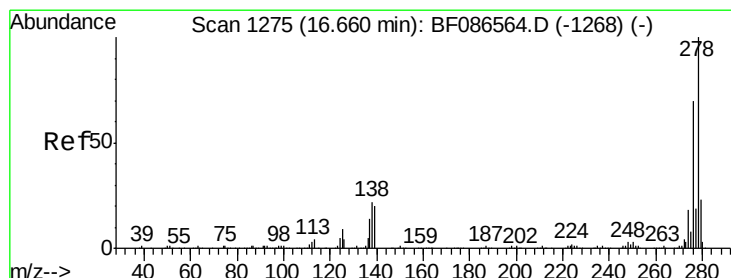
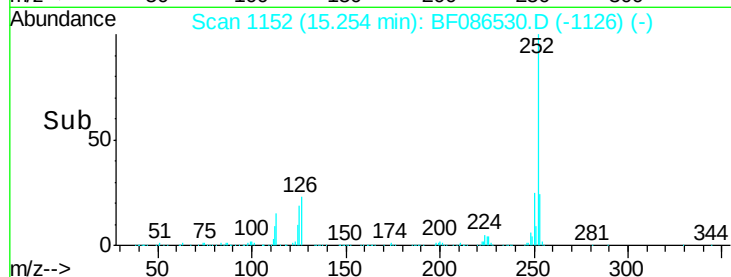
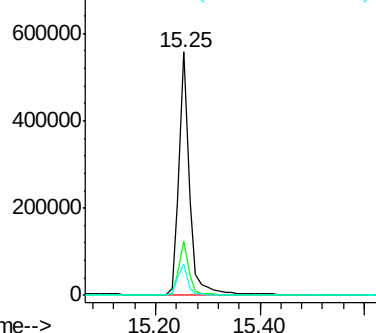
Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.2	25.8
125	13.0	9.0	13.6

Manual Integrations
APPROVED

sohil
5/2/2016 7:53:32 PM



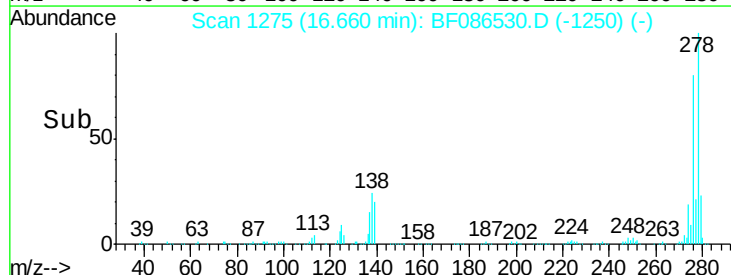
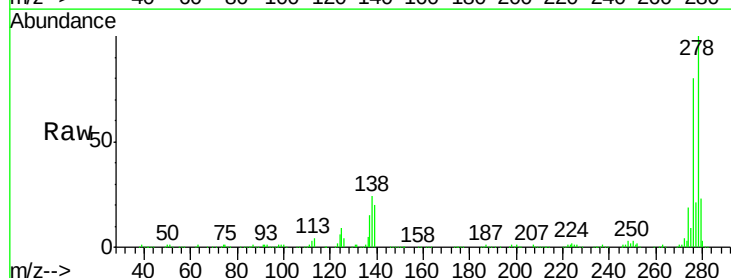
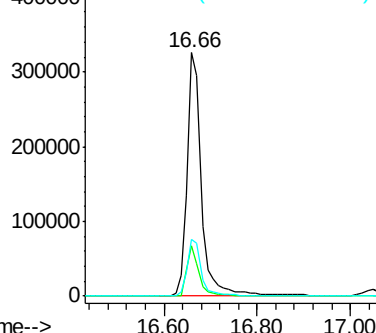
Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

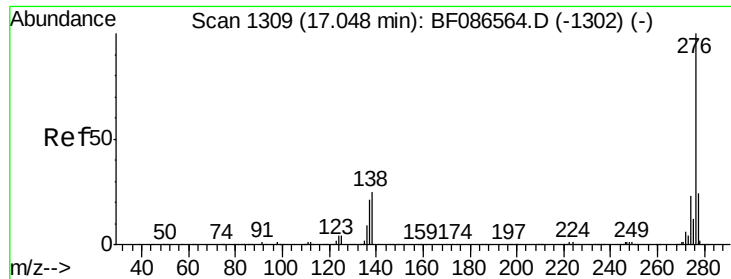


#90
Dibenzo(a,h)anthracene
Concen: 44.61 ng
RT: 16.66 min Scan# 1275
Delta R.T. -0.01 min
Lab File: BF086530.D
Acq: 30 Apr 2016 18:17

Tgt Ion	Ratio	Lower	Upper
278	100		
139	20.4	16.6	24.8
279	23.5	19.6	29.4

Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E





#91
 Benzo(g,h,i)perylene
 Concen: 45.20 ng
 RT: 17.05 min Scan# 1309
 Delta R.T. -0.01 min
 Lab File: BF086530.D
 Acq: 30 Apr 2016 18:17

Instrument :
 BNA_F
 ClientSampleId :
 PB90183BS

Tgt Ion:	276	Resp:	711089
Ion Ratio		Lower	Upper
276	100		
277	23.7	19.6	29.4
138	26.0	23.6	35.4

Manual Integrations
 APPROVED

sohil
 5/2/2016 7:53:32 PM

