

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040616\
 Data File : BF086094.D
 Acq On : 6 Apr 2016 13:10
 Operator : UM/SJ
 Sample : PB89567BSD
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB89567BSD

Manual Integrations
 APPROVED

Sohil
 4/7/2016 11:40:38 AM

Quant Time: Apr 07 01:35:42 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040216.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 01 23:17:06 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.74	152	161466m	20.00	ng	-0.03
21) Naphthalene-d8	8.03	136	695449	20.00	ng	-0.03
38) Acenaphthene-d10	9.78	164	312950	20.00	ng	-0.03
63) Phenanthrene-d10	11.26	188	598180	20.00	ng	-0.03
75) Chrysene-d12	13.91	240	472696	20.00	ng	-0.02
86) Perylene-d12	15.30	264	347770	20.00	ng	-0.03

System Monitoring Compounds

5) 2-Fluorophenol	5.34	112	755587	79.99	ng	-0.02
7) Phenol-d6	6.40	99	953635	79.48	ng	-0.02
23) Nitrobenzene-d5	7.31	82	646680	54.84	ng	-0.03
41) 2,4,6-Tribromophenol	10.58	330	286261	97.46	ng	-0.02
44) 2-Fluorobiphenyl	9.10	172	1060450	56.34	ng	-0.03
78) Terphenyl-d14	12.85	244	1141510	56.77	ng	-0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.32	88	103776	23.17	ng	99
3) Pyridine	3.01	79	308519	30.77	ng	99
4) n-Nitrosodimethylamine	2.97	42	129259	29.32	ng	100
6) Aniline	6.49	93	316781	20.12	ng	# 56
8) 2-Chlorophenol	6.53	128	318284	28.25	ng	96
9) Benzaldehyde	6.29	77	101923	15.79	ng	94
10) Phenol	6.41	94	401503	29.34	ng	88
11) bis(2-Chloroethyl)ether	6.49	93	316781	29.23	ng	98
12) 1,3-Dichlorobenzene	6.68	146	331456m	27.76	ng	
13) 1,4-Dichlorobenzene	6.76	146	335870m	27.30	ng	
14) 1,2-Dichlorobenzene	6.91	146	302019	26.68	ng	96
15) Benzyl Alcohol	6.90	79	226161	29.13	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.02	45	350209	26.45	ng	63
17) 2-Methylphenol	7.01	107	253348	28.52	ng	97
18) Hexachloroethane	7.25	117	123858	27.38	ng	96
19) n-Nitroso-di-n-propylamine	7.31	70	83811	11.27	ng	# 79
20) 3+4-Methylphenols	7.17	107	329480	30.50	ng	# 67
22) Acetophenone	7.16	105	422146	25.82	ng	# 91
24) Nitrobenzene	7.33	77	335455	26.00	ng	97
25) Isophorone	7.57	82	612364	26.31	ng	99
26) 2-Nitrophenol	7.65	139	176086	28.53	ng	99
27) 2,4-Dimethylphenol	7.70	122	308853	27.86	ng	98
28) bis(2-Chloroethoxy)methane	7.79	93	397281	29.09	ng	99
29) 2,4-Dichlorophenol	7.89	162	247002	26.35	ng	93
30) 1,2,4-Trichlorobenzene	7.97	180	265932	25.28	ng	97
31) Naphthalene	8.05	128	926523	26.49	ng	99
32) Benzoic acid	7.85	122	191143	23.50	ng	99
33) 4-Chloroaniline	8.11	127	85153	6.03	ng	97
34) Hexachlorobutadiene	8.17	225	137562	24.32	ng	99
35) Caprolactam	8.49	113	89885m	30.23	ng	
36) 4-Chloro-3-methylphenol	8.61	107	287382	27.28	ng	87
37) 2-Methylnaphthalene	8.74	142	570633	24.97	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.91	216	235416	25.03	ng	98
40) Hexachlorocyclopentadiene	8.90	237	182652	60.05	ng	98

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040616\
 Data File : BF086094.D
 Acq On : 6 Apr 2016 13:10
 Operator : UM/SJ
 Sample : PB89567BSD
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB89567BSD

Manual Integrations
 APPROVED

Sohil
 4/7/2016 11:40:38 AM

Quant Time: Apr 07 01:35:42 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040216.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 01 23:17:06 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.04	196	169416	28.05	nq	96
43) 2,4,5-Trichlorophenol	9.08	196	173425	28.28	nq	99
45) 1,1'-Biphenyl	9.21	154	673826	24.97	nq	98
46) 2-Chloronaphthalene	9.23	162	501055	25.62	nq	93
47) 2-Nitroaniline	9.33	65	153909	26.89	nq	89
48) Acenaphthylene	9.64	152	797195	25.44	nq	99
49) Dimethylphthalate	9.52	163	646093	27.85	nq	99
50) 2,6-Dinitrotoluene	9.58	165	152612	31.10	nq	# 66
51) Acenaphthene	9.81	154	470635	25.26	nq	99
52) 3-Nitroaniline	9.74	138	61389	10.38	nq	85
53) 2,4-Dinitrophenol	9.87	184	136875	50.68	nq	# 66
54) Dibenzofuran	9.98	168	720199	29.26	nq	95
55) 4-Nitrophenol	9.93	139	171793	49.27	nq	89
56) 2,4-Dinitrotoluene	9.98	165	163087	26.30	nq	# 37
57) Fluorene	10.33	166	539396	25.66	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.11	232	134028	29.35	nq	98
59) Diethylphthalate	10.21	149	657202	28.07	nq	99
60) 4-Chlorophenyl-phenylether	10.33	204	287356	29.34	nq	# 84
61) 4-Nitroaniline	10.36	138	156731	26.91	nq	85
62) Azobenzene	10.49	77	710544	31.69	nq	92
64) 4,6-Dinitro-2-methylphenol	10.40	198	95133	26.24	nq	97
65) n-Nitrosodiphenylamine	10.44	169	503446	26.91	nq	99
66) 4-Bromophenyl-phenylether	10.81	248	156155	25.57	nq	# 82
67) Hexachlorobenzene	10.88	284	162887	25.79	nq	# 72
68) Atrazine	10.98	200	172627	28.56	nq	99
69) Pentachlorophenol	11.08	266	169363	57.22	nq	99
70) Phenanthrene	11.29	178	809414	24.80	nq	100
71) Anthracene	11.34	178	953822	27.90	nq	99
72) Carbazole	11.50	167	848770	28.88	nq	99
73) Di-n-butylphthalate	11.82	149	988776	27.16	nq	99
74) Fluoranthene	12.48	202	896755	26.42	nq	95
76) Benzidine	12.60	184	317661	19.05	nq	98
77) Pyrene	12.71	202	930033	27.92	nq	99
79) Butylbenzylphthalate	13.32	149	410223	27.35	nq	# 83
80) Benzo(a)anthracene	13.89	228	695255	24.95	nq	99
81) 3,3'-Dichlorobenzidine	13.86	252	94295	4.63	nq	# 95
82) Chrysene	13.93	228	662275	24.68	nq	99
83) Bis(2-ethylhexyl)phthalate	13.88	149	506672	25.45	nq	# 96
84) Di-n-octyl phthalate	14.49	149	784077	24.66	nq	99
85) Indeno(1,2,3-cd)pyrene	16.65	276	565427	25.97	nq	98
87) Benzo(b)fluoranthene	14.91	252	642591m	29.37	nq	
88) Benzo(k)fluoranthene	14.93	252	481868m	24.87	nq	
89) Benzo(a)pyrene	15.24	252	530448	27.37	nq	99
90) Dibenzo(a,h)anthracene	16.65	278	471148	30.21	nq	98
91) Benzo(g,h,i)perylene	17.05	276	478762	31.72	nq	97

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

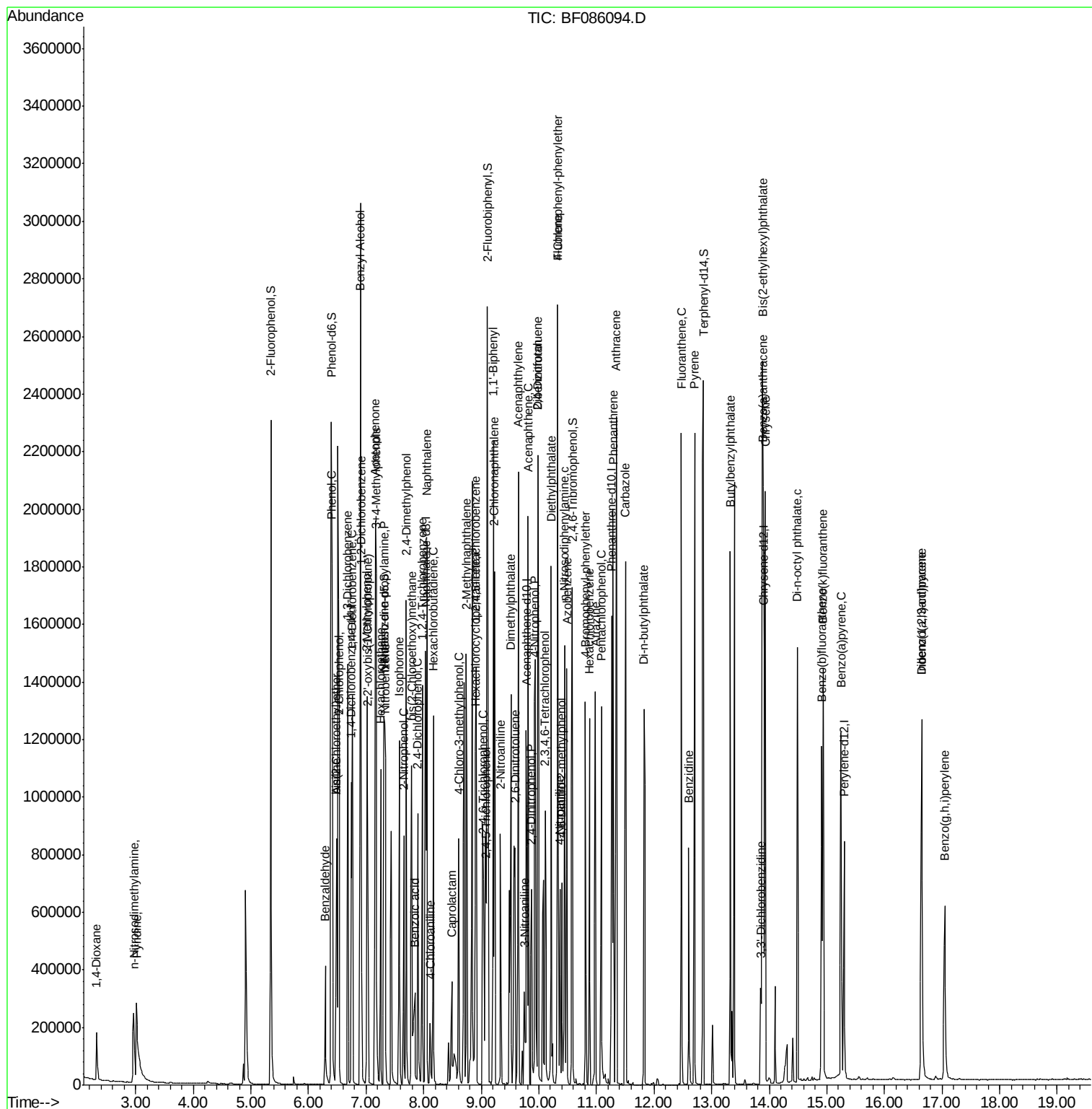
Data Path : Z:\HPCHEM1\BNA F\DATA\BF040616\
Data File : BF086094.D
Acq On : 6 Apr 2016 13:10
Operator : UM/SJ
Sample : PB89567BSD
Misc :
ALS Vial : 7 Sample Multiplier: 1

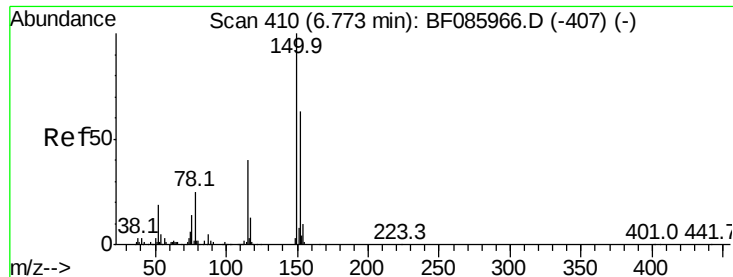
Instrument :
BNA_F
ClientSampleID :
PB89567BSD

Manual Integrations
APPROVED

Sohil
4/7/2016 11:40:38 AM

Quant Time: Apr 07 01:35:42 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040216.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 01 23:17:06 2016
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng/ml

RT: 6.74 min Scan# 407

Delta R.T. -0.03 min

Lab File: BF086094.D

Acq: 6 Apr 2016 13:10

Instrument :

BNA_F

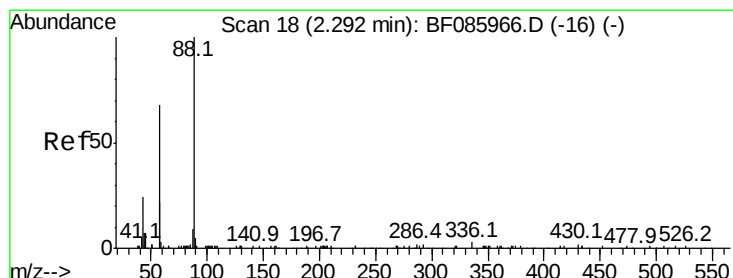
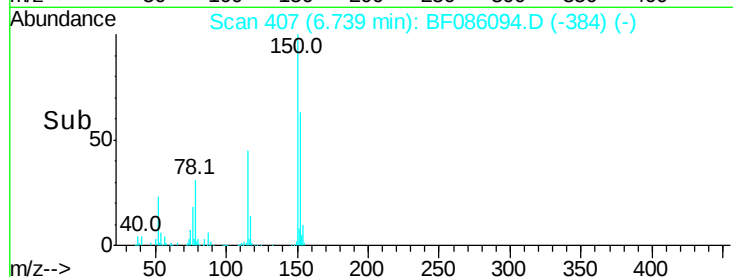
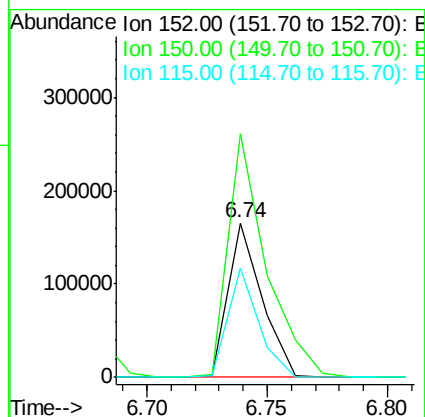
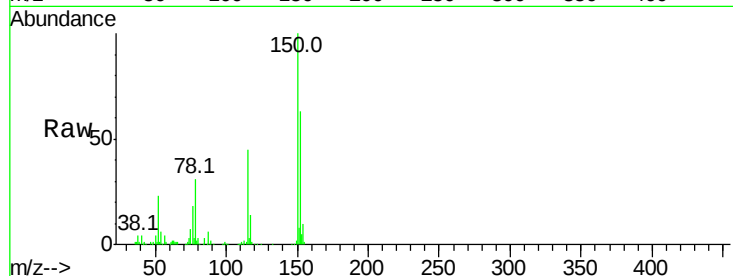
ClientSampleId :

PB89567BSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.1	124.2	186.2
115	70.6	47.0	70.6

Manual Integrations
APPROVED

Sohil
4/7/2016 11:40:38 AM



#2

1,4-Dioxane

Concen: 23.17 ng

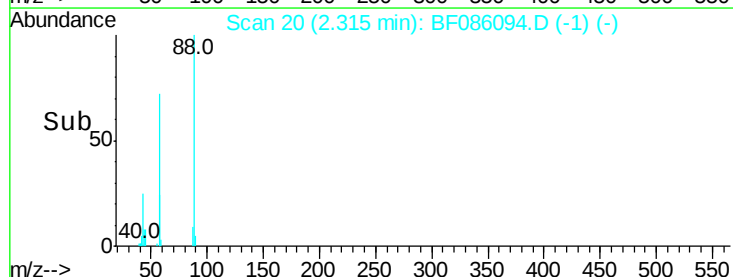
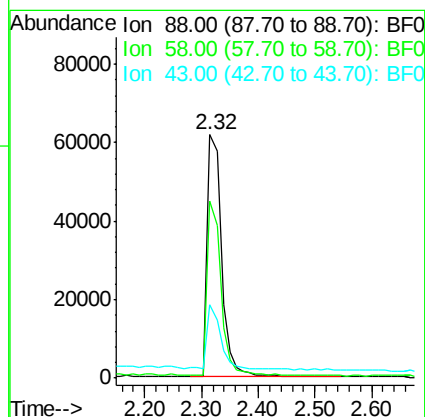
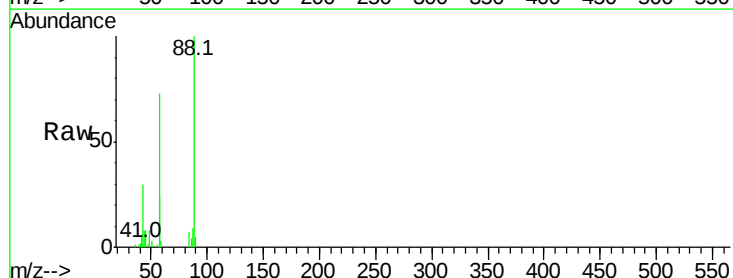
RT: 2.32 min Scan# 20

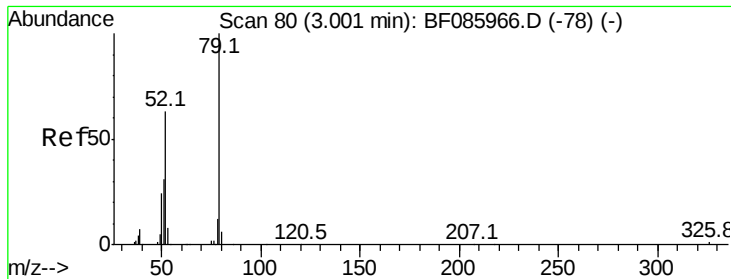
Delta R.T. 0.02 min

Lab File: BF086094.D

Acq: 6 Apr 2016 13:10

Tgt Ion	Ratio	Lower	Upper
88	100		
58	68.1	54.2	81.2
43	25.0	19.3	28.9





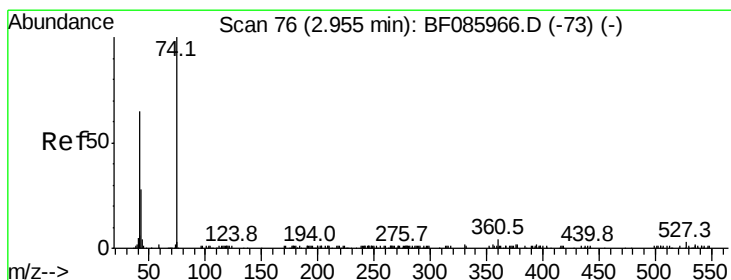
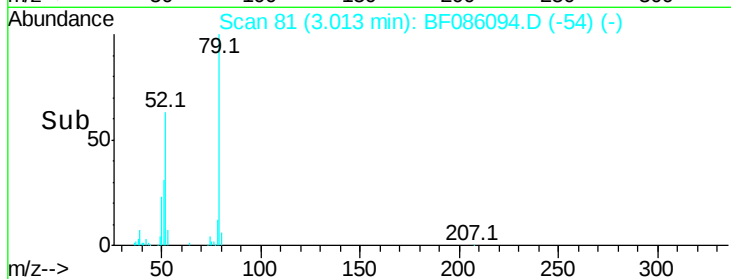
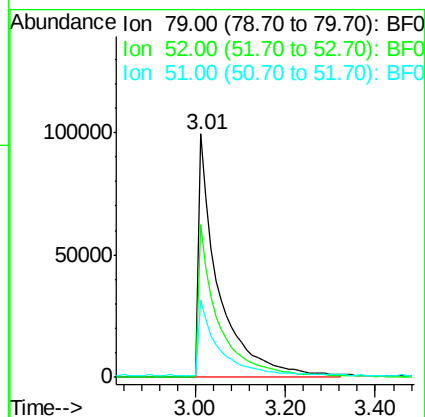
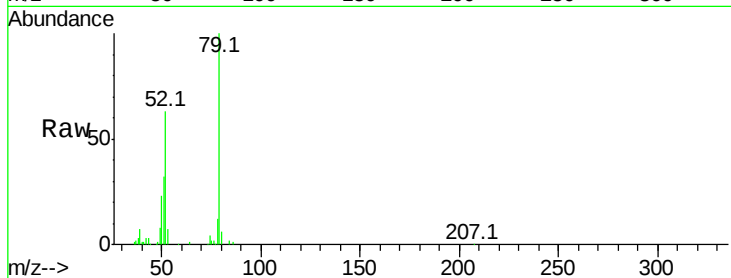
#3
 Pvridine
 Concen: 30.77 ng
 RT: 3.01 min Scan# 81
 Delta R.T. 0.01 min
 Lab File: BF086094.D
 Acq: 6 Apr 2016 13:10

Instrument :
 BNA_F
 ClientSampleId :
 PB89567BSD

Tot Ion	Ratio	Lower	Upper
79	100		
52	62.9	49.8	74.6
51	31.6	24.7	37.1

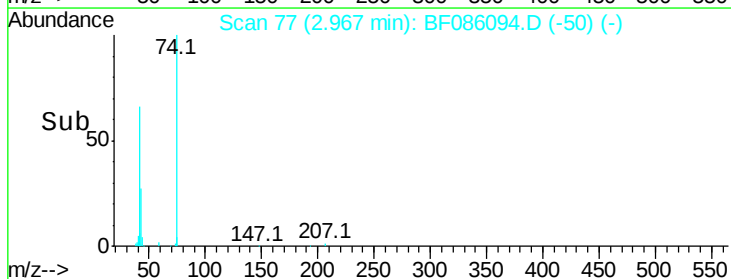
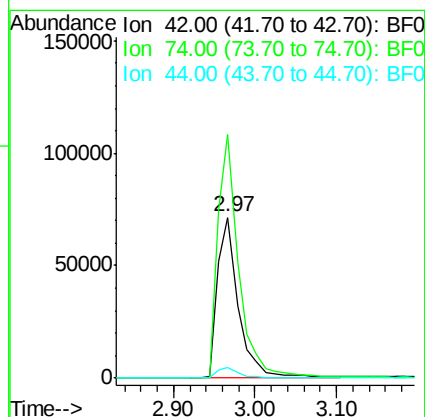
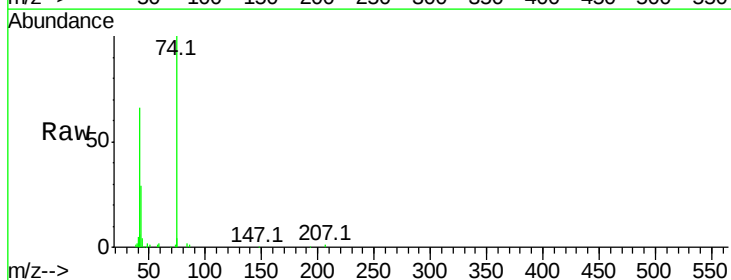
Manual Integrations
 APPROVED

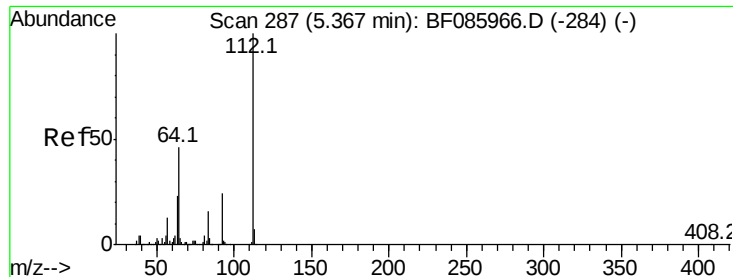
Sohil
 4/7/2016 11:40:38 AM



#4
 n-Nitrosodimethylamine
 Concen: 29.32 ng
 RT: 2.97 min Scan# 77
 Delta R.T. 0.01 min
 Lab File: BF086094.D
 Acq: 6 Apr 2016 13:10

Tgt Ion	Ratio	Lower	Upper
42	100		
74	151.6	121.4	182.2
44	6.7	5.6	8.4





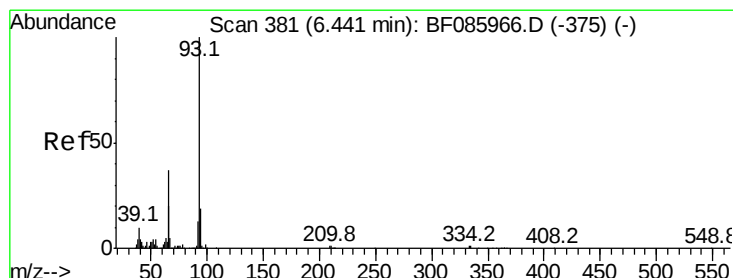
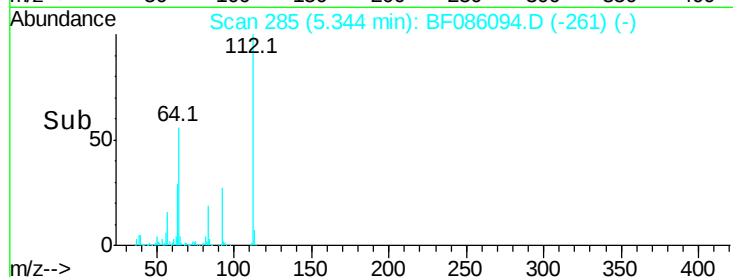
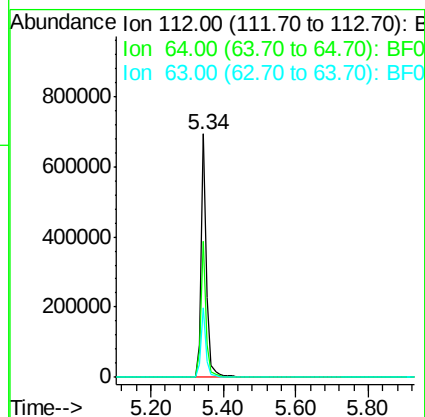
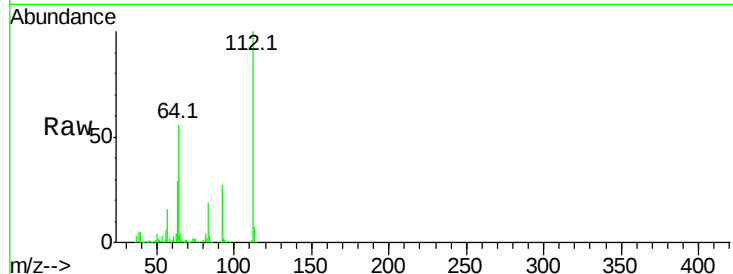
#5
2-Fluorophenol
Concen: 79.99 ng
RT: 5.34 min Scan# 285
Delta R.T. -0.02 min
Lab File: BF086094.D
Acq: 6 Apr 2016 13:10

Instrument :
BNA_F
ClientSampleId :
PB89567BSD

Tot Ion	Ratio	Resp Lower	Upper
112	100		
64	55.9	39.9	59.9
63	28.5	20.2	30.2

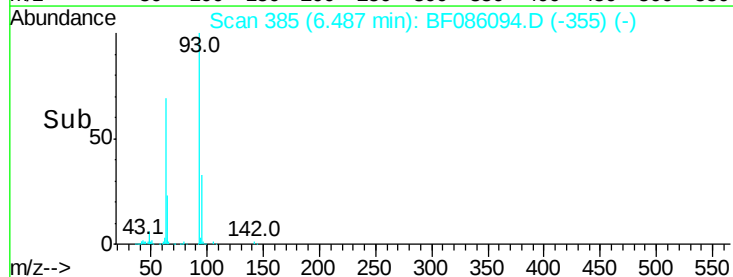
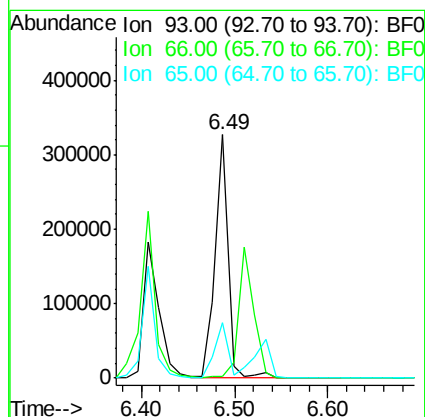
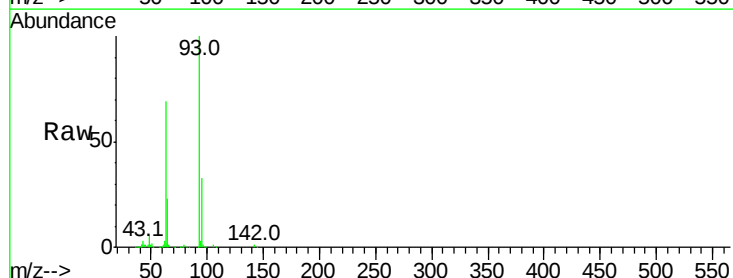
Manual Integrations
APPROVED

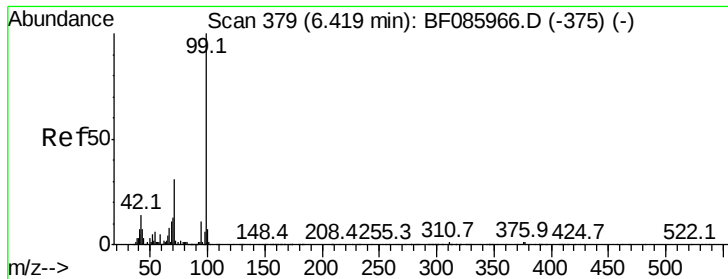
Sohil
4/7/2016 11:40:38 AM



#6
Aniline
Concen: 20.12 ng
RT: 6.49 min Scan# 385
Delta R.T. 0.05 min
Lab File: BF086094.D
Acq: 6 Apr 2016 13:10

Tgt Ion	Ratio	Resp Lower	Upper
93	100		
66	0.6	31.4	47.2#
65	22.6	15.7	23.5





#7

Phenol-d6

Concen: 79.48 ng

RT: 6.40 min Scan# 377

Delta R.T. -0.02 min

Lab File: BF086094.D

Acq: 6 Apr 2016 13:10

Instrument :

BNA_F

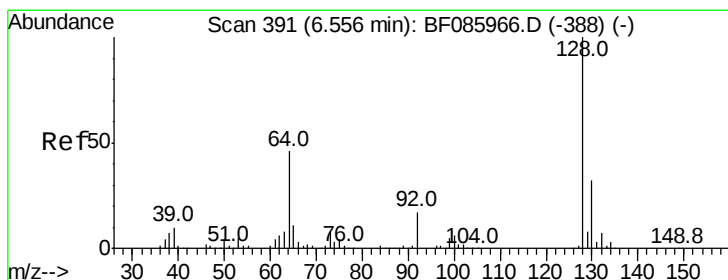
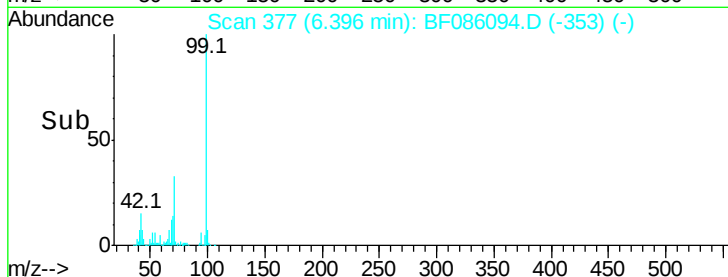
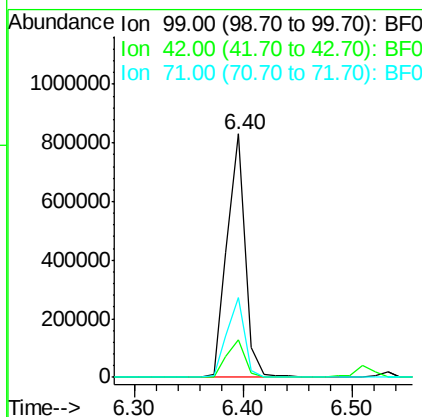
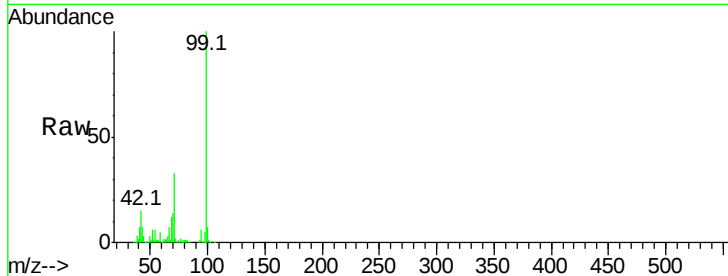
ClientSampleId :

PB89567BSD

Tot Ion:	99	Resp:	953635
Ion Ratio	Lower	Upper	
99	100		
42	15.3	11.1	16.7
71	32.7	24.9	37.3

Manual Integrations
APPROVED

Sohil
4/7/2016 11:40:38 AM



#8

2-Chlorophenol

Concen: 28.25 ng

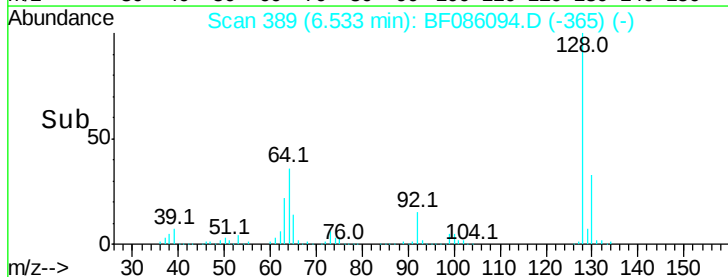
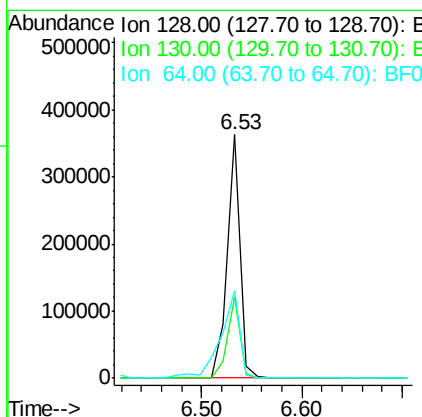
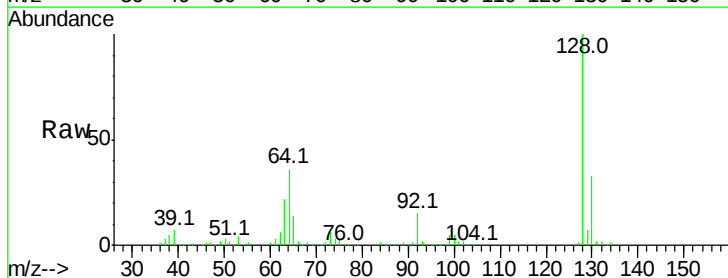
RT: 6.53 min Scan# 389

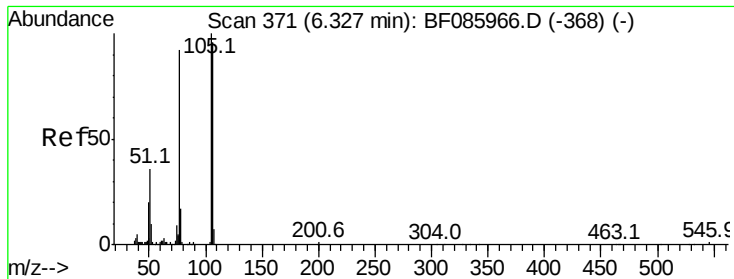
Delta R.T. -0.02 min

Lab File: BF086094.D

Acq: 6 Apr 2016 13:10

Tgt Ion:	128	Resp:	318284
Ion Ratio	Lower	Upper	
128	100		
130	33.1	12.9	52.9
64	35.9	20.2	60.2





#9

Benzaldehyde

Concen: 15.79 ng

RT: 6.29 min Scan# 368

Delta R.T. -0.03 min

Lab File: BF086094.D

Acq: 6 Apr 2016 13:10

Instrument :

BNA_F

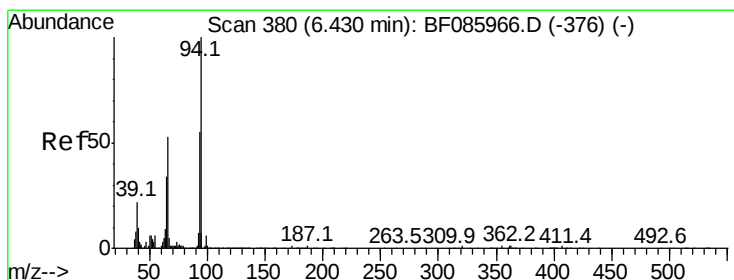
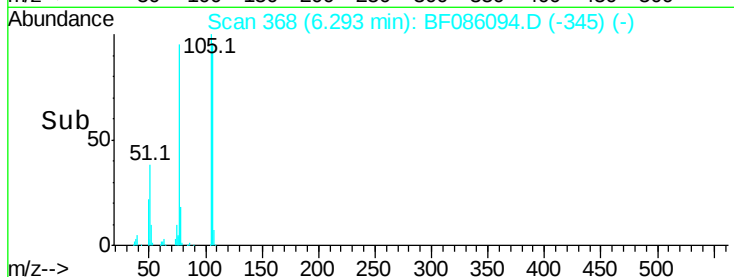
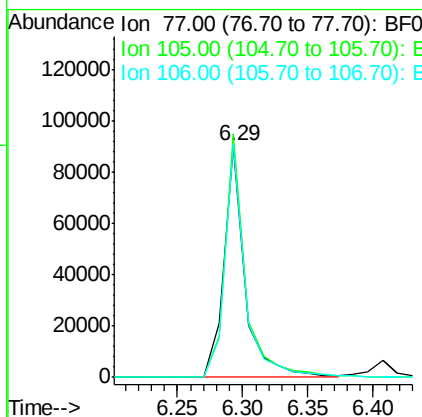
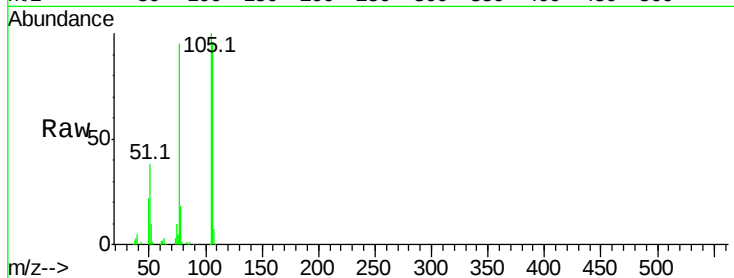
ClientSampleId :

PB89567BSD

Manual Integrations
APPROVED

Sohil
4/7/2016 11:40:38 AM

Tot Ion	77	Resp	101923
Ion	Ratio	Lower	Upper
77	100		
105	105.5	80.1	120.1
106	101.1	75.0	115.0



#10

Phenol

Concen: 29.34 ng

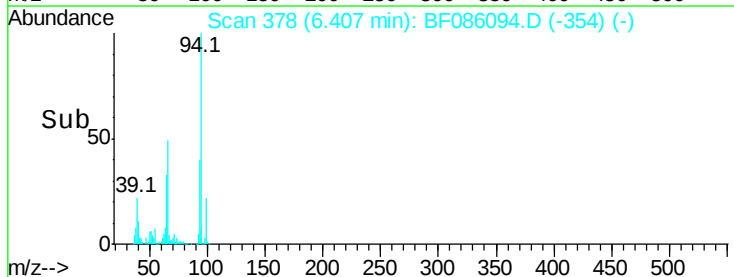
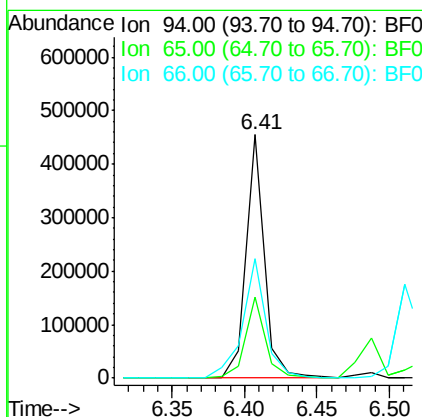
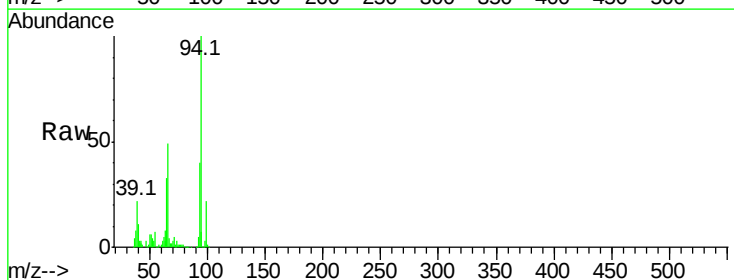
RT: 6.41 min Scan# 378

Delta R.T. -0.02 min

Lab File: BF086094.D

Acq: 6 Apr 2016 13:10

Tgt Ion	94	Resp	401503
Ion	Ratio	Lower	Upper
94	100		
65	33.1	8.6	48.6
66	49.2	20.0	60.0





#11

bis(2-Chloroethyl)ether

Concen: 29.23 ng

RT: 6.49 min Scan# 385

Delta R.T. -0.02 min

Lab File: BF086094.D

Acq: 6 Apr 2016 13:10

Instrument :

BNA_F

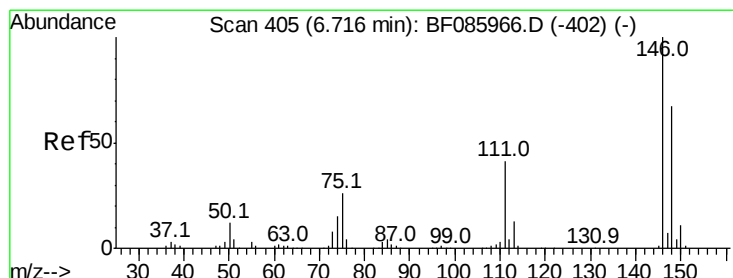
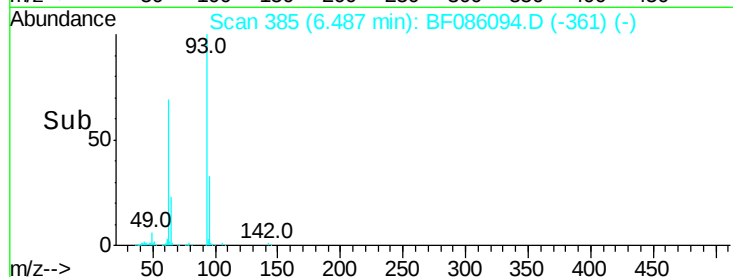
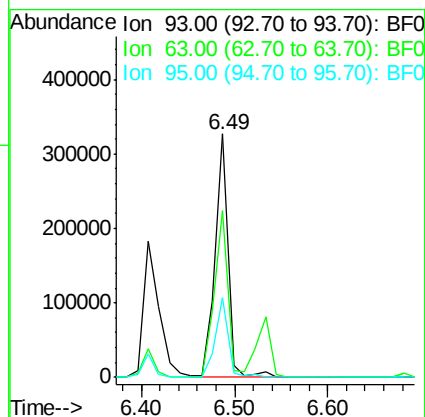
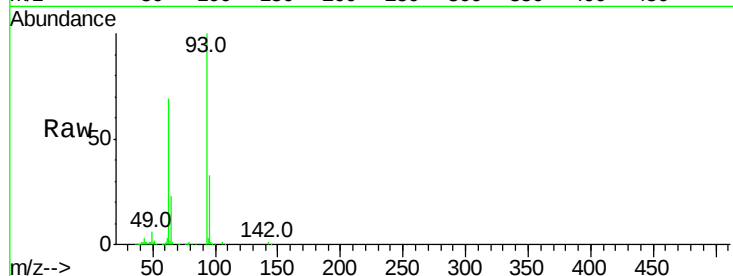
ClientSampleId :

PB89567BSD

Tot Ion:	93	Resp:	316781
Ion Ratio	Lower	Upper	
93	100		
63	68.7	50.9	90.9
95	32.9	13.3	53.3

Manual Integrations
APPROVED

Sohil
4/7/2016 11:40:38 AM



#12

1,3-Dichlorobenzene

Concen: 27.76 ng m

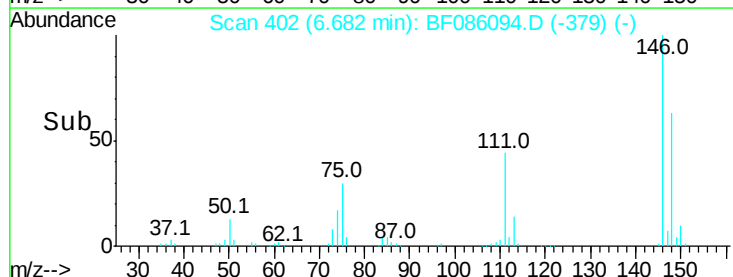
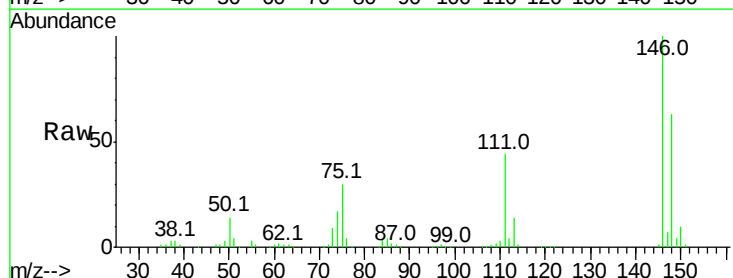
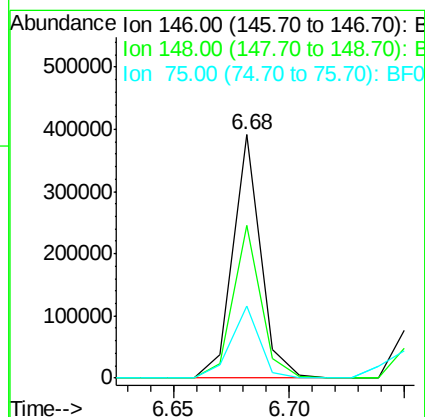
RT: 6.68 min Scan# 402

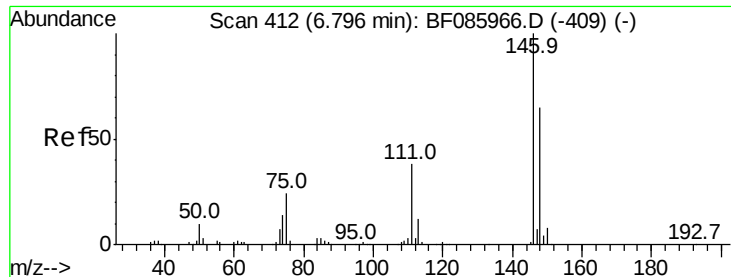
Delta R.T. -0.03 min

Lab File: BF086094.D

Acq: 6 Apr 2016 13:10

Tgt Ion:	146	Resp:	331456
Ion Ratio	Lower	Upper	
146	100		
148	62.8	52.3	78.5
75	29.8	17.4	26.2#





#13

1,4-Dichlorobenzene

Concen: 27.30 ng/mL

RT: 6.76 min Scan# 409

Delta R.T. -0.03 min

Lab File: BF086094.D

Acq: 6 Apr 2016 13:10

Instrument :

BNA_F

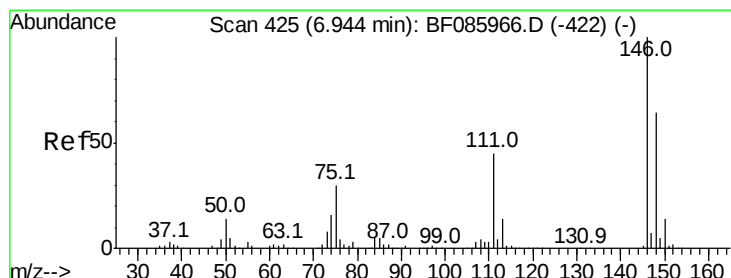
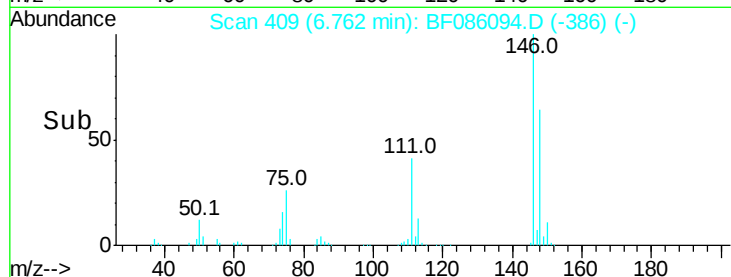
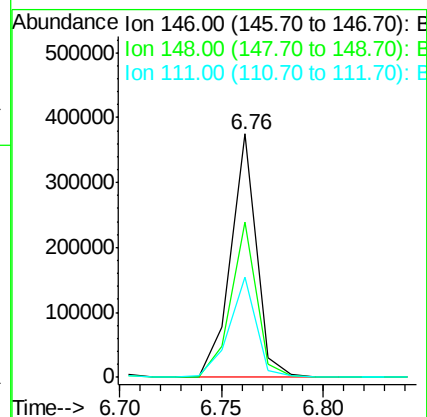
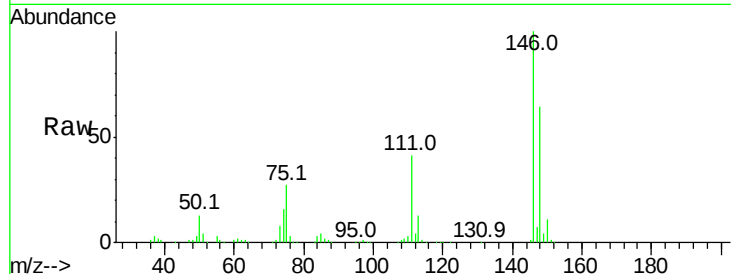
ClientSampleID :

PB89567BSD

Tot Ion:	146	Resp:	335870
Ion Ratio	Lower	Upper	
146	100		
148	63.8	50.6	76.0
111	41.4	37.8	56.6

Manual Integrations
APPROVED

Sohil
4/7/2016 11:40:38 AM



#14

1,2-Dichlorobenzene

Concen: 26.68 ng/mL

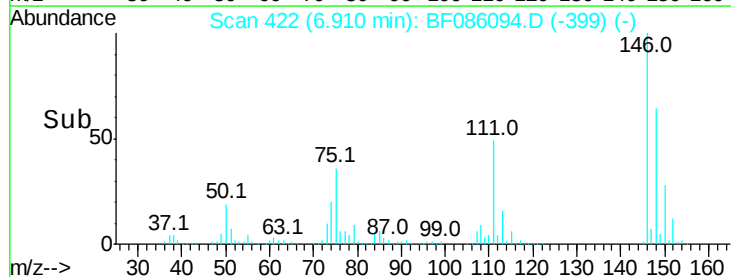
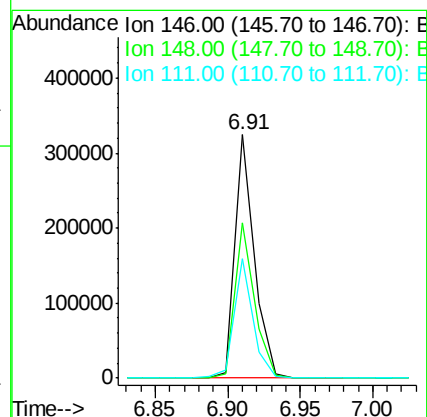
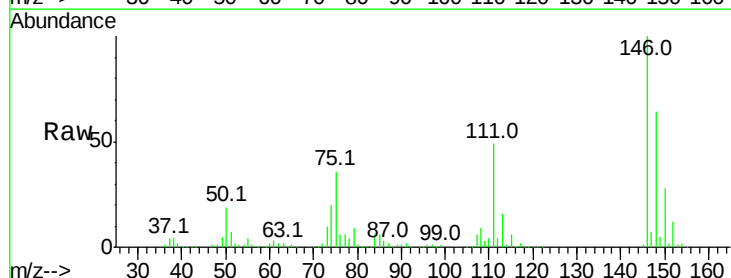
RT: 6.91 min Scan# 422

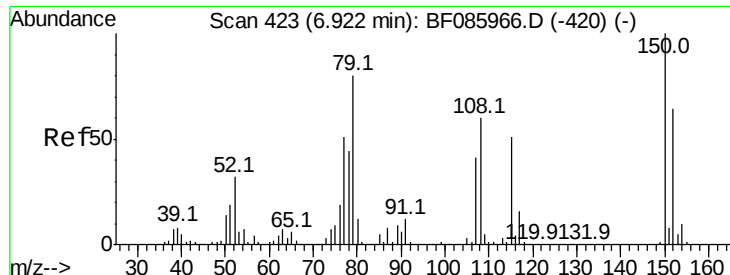
Delta R.T. -0.03 min

Lab File: BF086094.D

Acq: 6 Apr 2016 13:10

Tgt Ion:	146	Resp:	302019
Ion Ratio	Lower	Upper	
146	100		
148	63.8	51.4	77.2
111	49.0	34.6	52.0





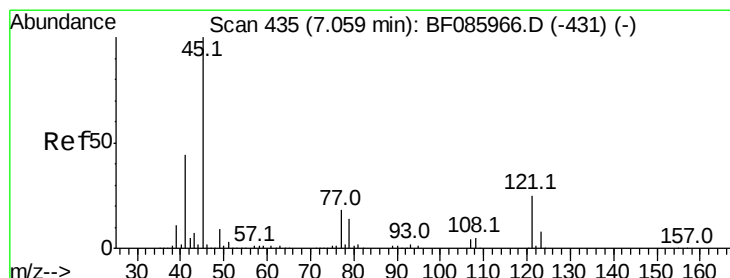
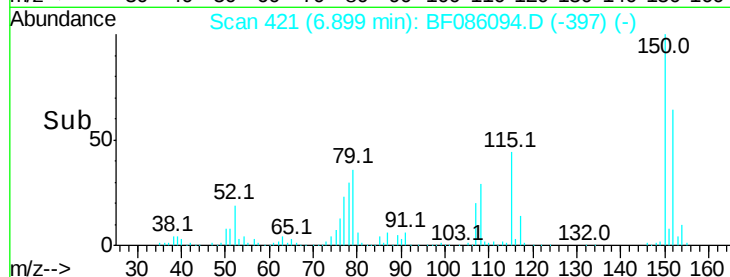
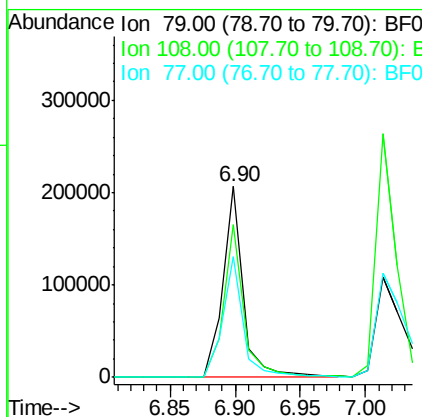
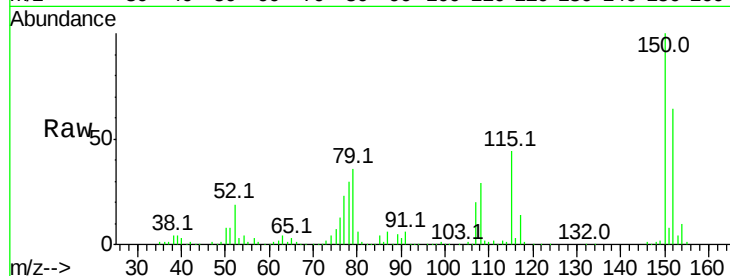
#15
Benzyl Alcohol
Concen: 29.13 ng
RT: 6.90 min Scan# 421
Delta R.T. -0.02 min
Lab File: BF086094.D
Acq: 6 Apr 2016 13:10

Instrument :
BNA_F
ClientSampleId :
PB89567BSD

Tot Ion	Ratio	Lower	Upper
79	100		
108	79.8	61.8	92.6
77	63.5	49.6	74.4

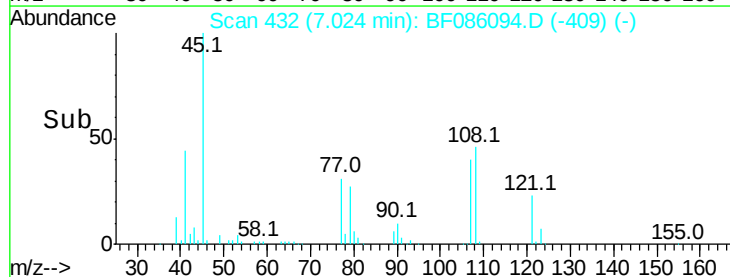
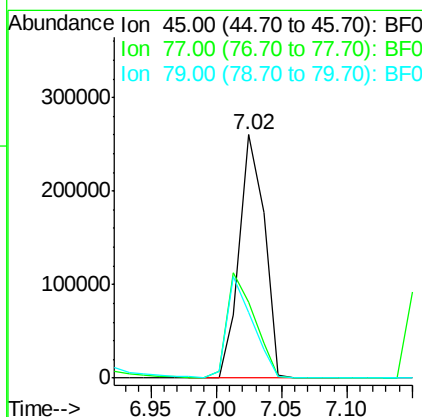
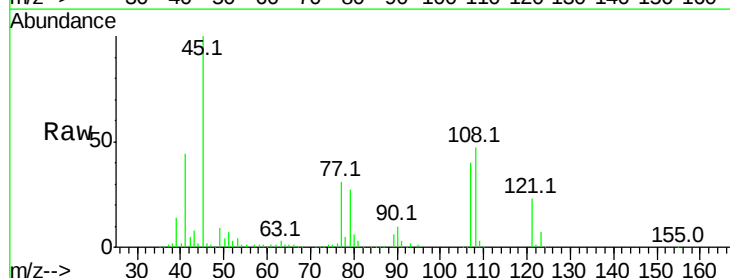
Manual Integrations
APPROVED

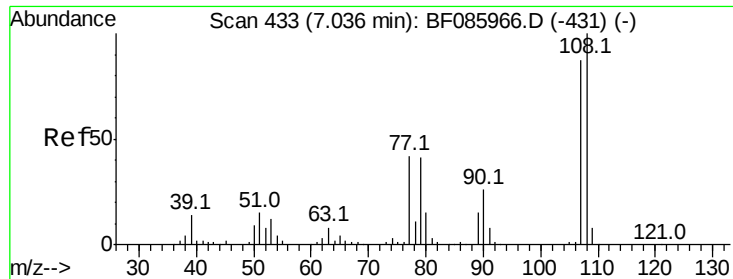
Sohil
4/7/2016 11:40:38 AM



#16
2,2'-oxybis(1-chloropropane)
Concen: 26.45 ng
RT: 7.02 min Scan# 432
Delta R.T. -0.03 min
Lab File: BF086094.D
Acq: 6 Apr 2016 13:10

Tgt Ion	Ratio	Lower	Upper
45	100		
77	30.9	0.0	35.7
79	27.1	0.0	32.2





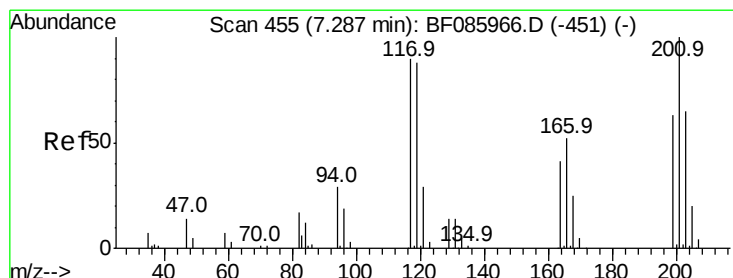
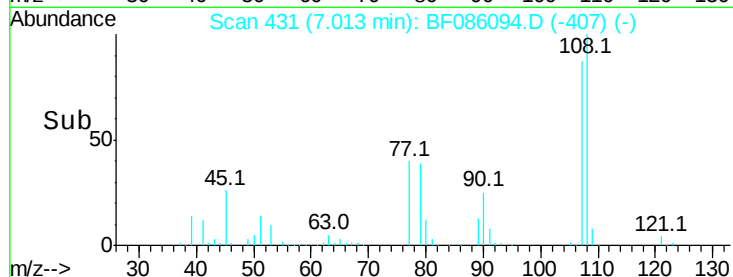
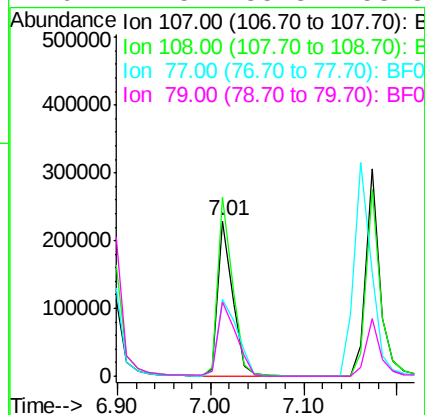
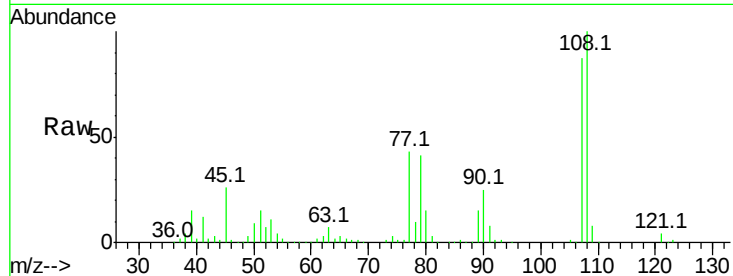
#17
2-Methylphenol
Concen: 28.52 ng
RT: 7.01 min Scan# 431
Delta R.T. -0.02 min
Lab File: BF086094.D
Acq: 6 Apr 2016 13:10

Instrument :
BNA_F
ClientSampleId :
PB89567BSD

Tot Ion:	107	Resp:	253348
Ion Ratio	Lower	Upper	
107	100		
108	115.1	91.4	137.0
77	49.3	36.2	54.2
79	47.5	35.8	53.8

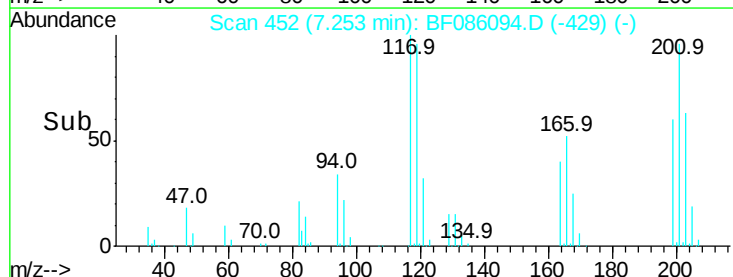
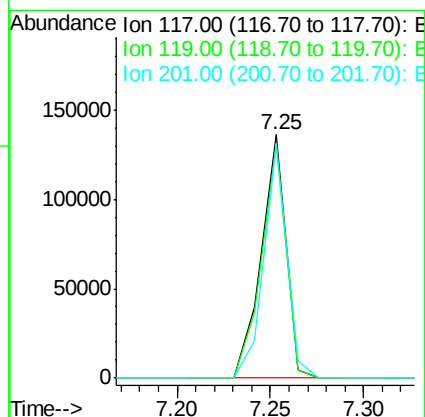
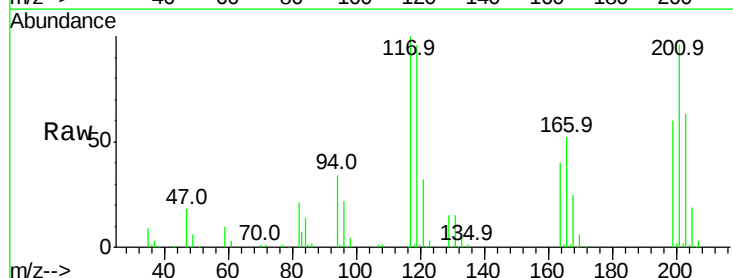
Manual Integrations
APPROVED

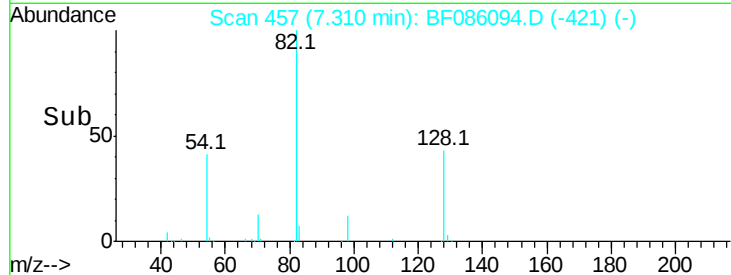
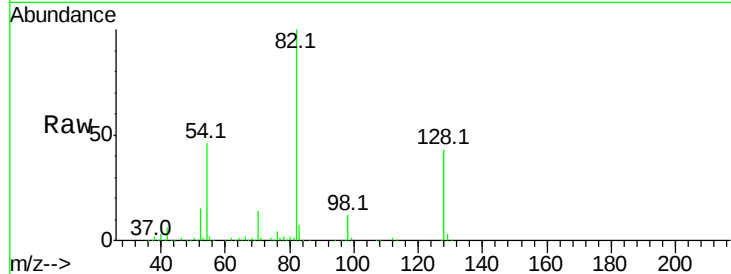
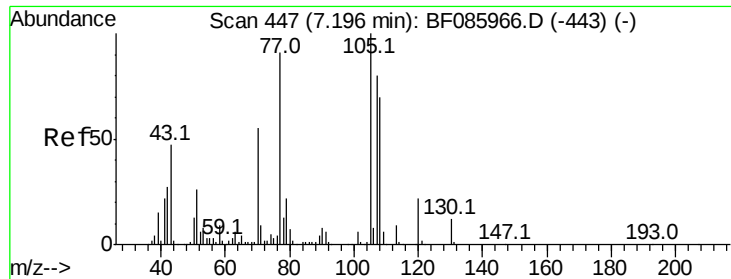
Sohil
4/7/2016 11:40:38 AM



#18
Hexachloroethane
Concen: 27.38 ng
RT: 7.25 min Scan# 452
Delta R.T. -0.03 min
Lab File: BF086094.D
Acq: 6 Apr 2016 13:10

Tgt Ion:	117	Resp:	123858
Ion Ratio	Lower	Upper	
117	100		
119	95.9	76.7	115.1
201	96.3	83.3	124.9





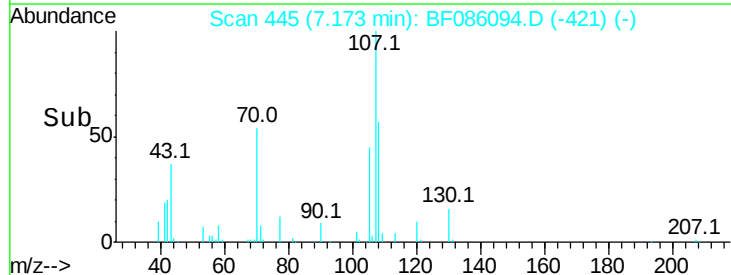
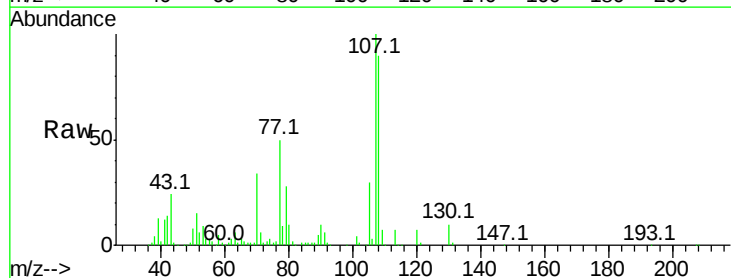
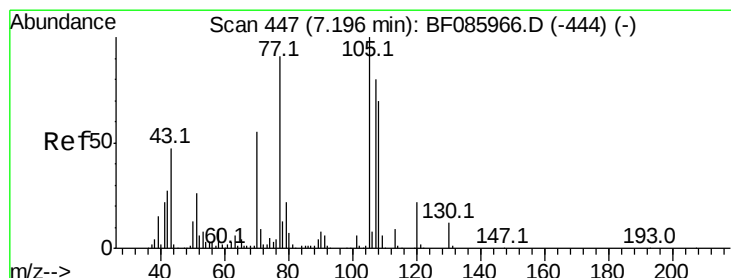
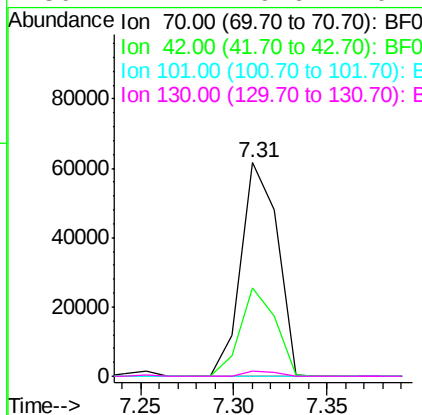
#19
n-Nitroso-di-n-propylamine
Concen: 11.27 ng
RT: 7.31 min Scan# 457
Delta R.T. 0.11 min
Lab File: BF086094.D
Acq: 6 Apr 2016 13:10

Instrument :
BNA_F
ClientSampleId :
PB89567BSD

Tot Ion	Ratio	Lower	Upper
70	100		
42	41.5	37.1	55.7
101	0.0	8.6	12.8#
130	2.2	19.6	29.4#

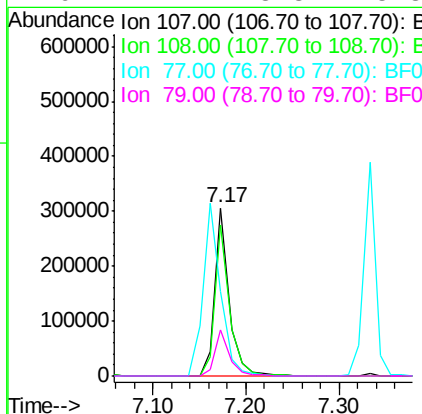
Manual Integrations
APPROVED

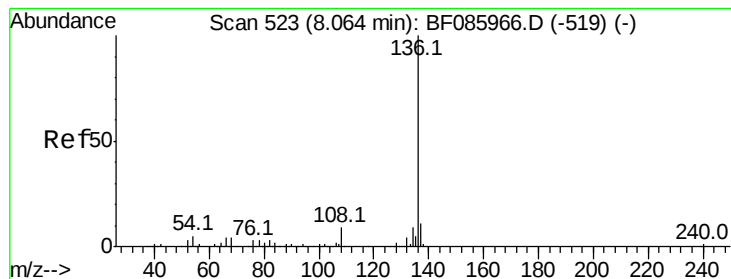
Sohil
4/7/2016 11:40:38 AM



#20
3+4-Methylphenols
Concen: 30.50 ng
RT: 7.17 min Scan# 445
Delta R.T. -0.02 min
Lab File: BF086094.D
Acq: 6 Apr 2016 13:10

Tgt Ion	Ratio	Lower	Upper
107	100		
108	89.9	69.3	109.3
77	50.2	101.7	141.7#
79	27.7	8.3	48.3





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.03 min Scan# 520

Delta R.T. -0.03 min

Lab File: BF086094.D

Acq: 6 Apr 2016 13:10

Instrument :

BNA_F

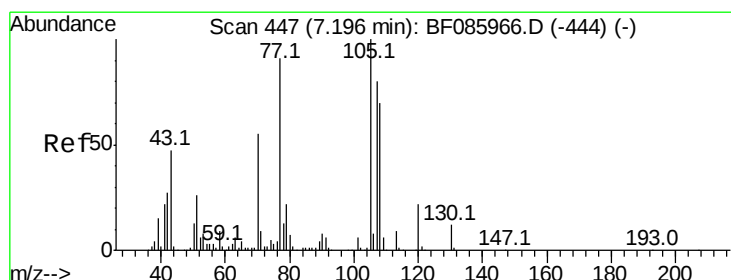
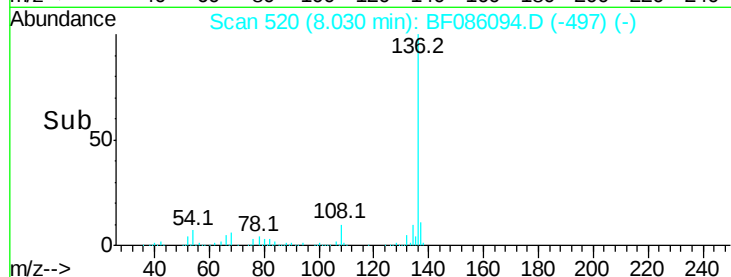
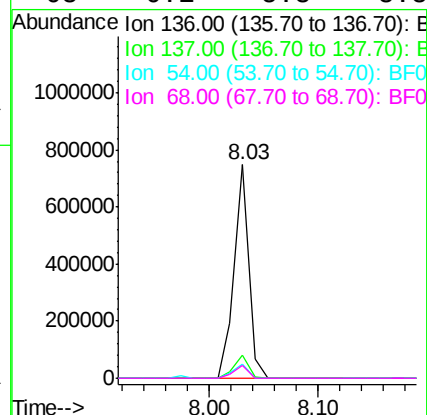
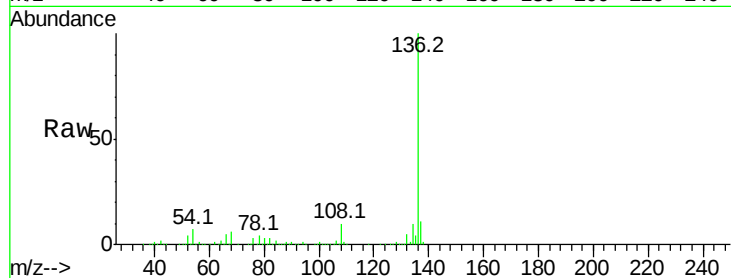
ClientSampleId :

PB89567BSD

Tot Ion	Ratio	Resp	Lower	Upper
136	100	695449		
137	11.0	9.1	13.7	
54	6.9	7.4	11.0	
68	6.1	5.8	8.8	

Manual Integrations
APPROVED

Sohil
4/7/2016 11:40:38 AM



#22

Acetophenone

Concen: 25.82 ng

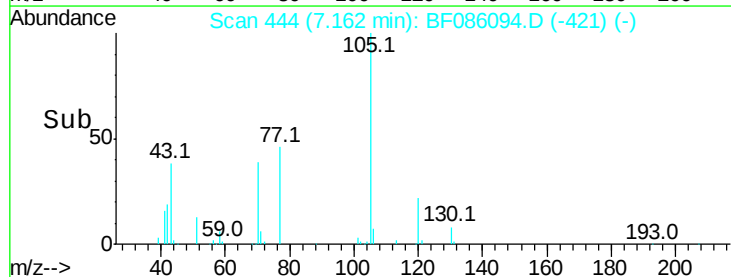
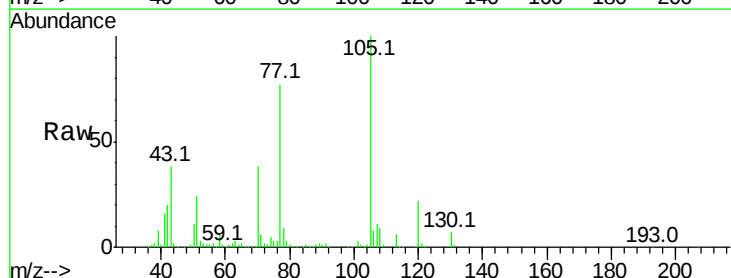
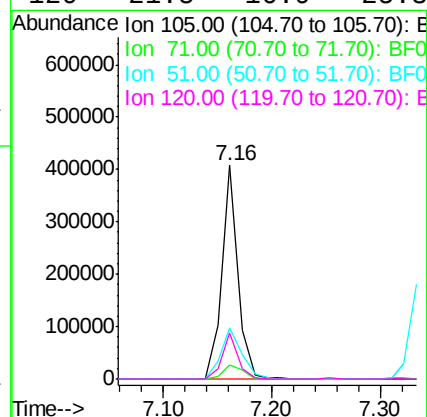
RT: 7.16 min Scan# 444

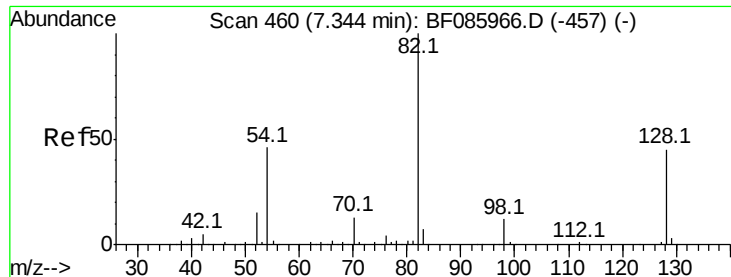
Delta R.T. -0.03 min

Lab File: BF086094.D

Acq: 6 Apr 2016 13:10

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	422146		
71	6.4	3.6	5.4	
51	23.8	25.4	38.0	
120	21.5	16.9	25.3	





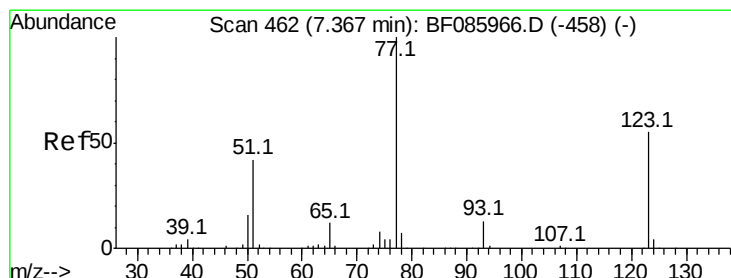
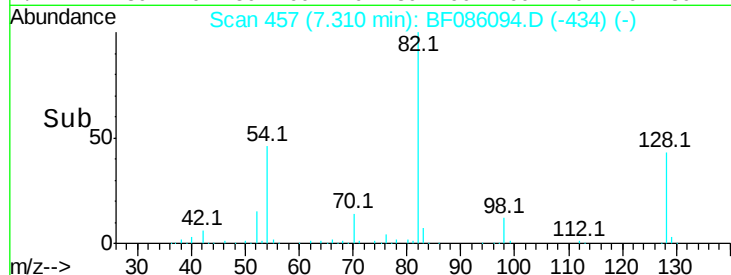
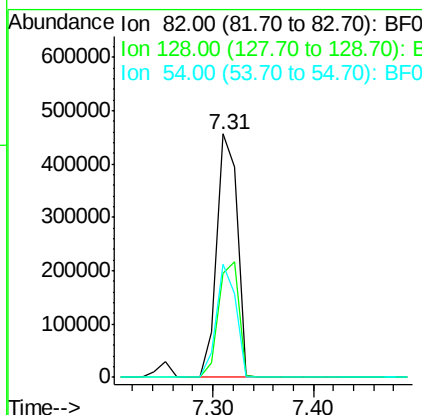
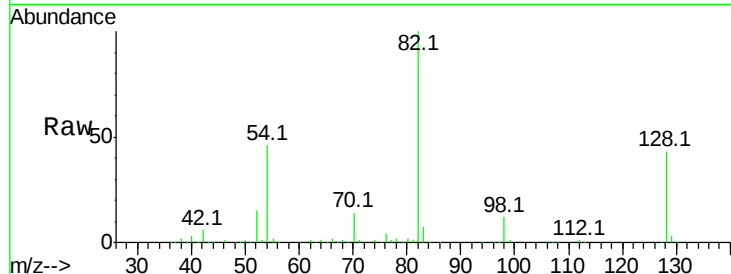
#23
 Nitrobenzene-d5
 Concen: 54.84 ng
 RT: 7.31 min Scan# 457
 Delta R.T. -0.03 min
 Lab File: BF086094.D
 Acq: 6 Apr 2016 13:10

Instrument :
 BNA_F
 ClientSampleId :
 PB89567BSD

Tot Ion	Ratio	Resp	Lower	Upper
82	100	646680		
128	42.9	41.8	62.8	
54	46.5	33.4	50.0	

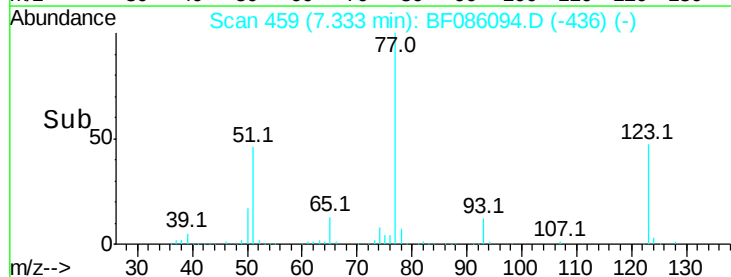
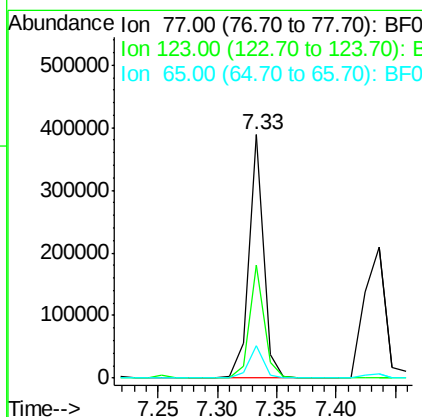
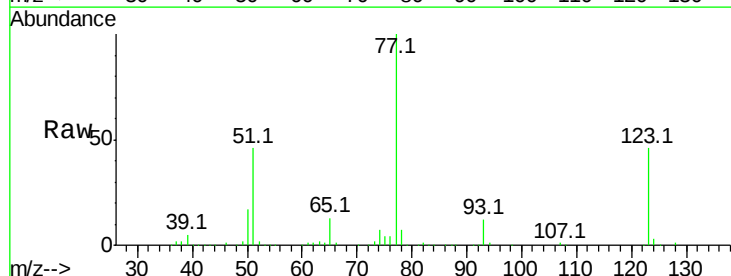
Manual Integrations
 APPROVED

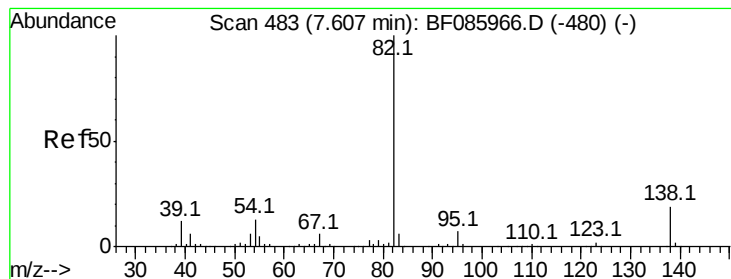
Sohil
 4/7/2016 11:40:38 AM



#24
 Nitrobenzene
 Concen: 26.00 ng
 RT: 7.33 min Scan# 459
 Delta R.T. -0.03 min
 Lab File: BF086094.D
 Acq: 6 Apr 2016 13:10

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	335455		
123	46.5	35.0	52.4	
65	13.1	10.6	16.0	





#25

Isophorone

Concen: 26.31 ng

RT: 7.57 min Scan# 480

Delta R.T. -0.03 min

Lab File: BF086094.D

Acq: 6 Apr 2016 13:10

Instrument :

BNA_F

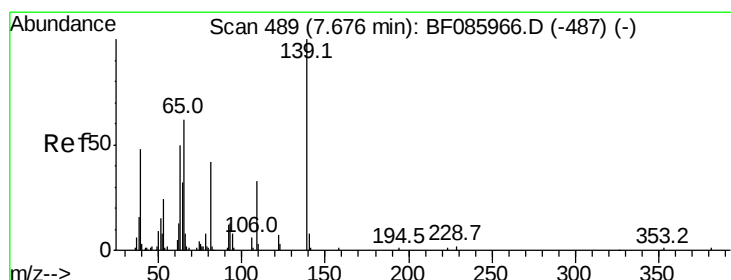
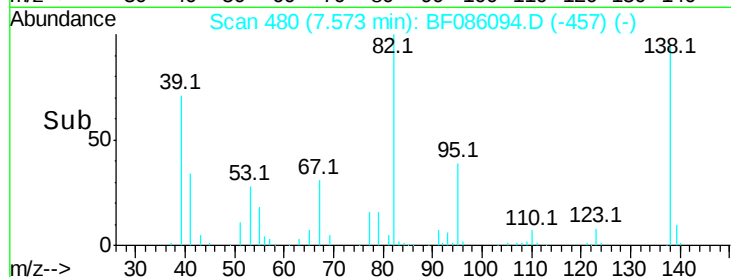
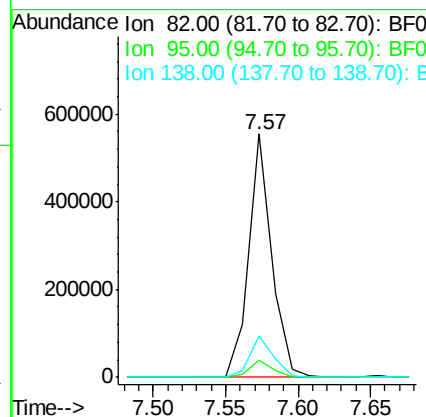
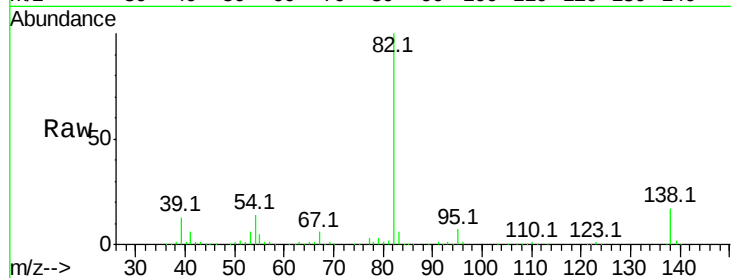
ClientSampleId :

PB89567BSD

Tot Ion:	82	Resp:	612364
Ion Ratio	Lower	Upper	
82	100		
95	6.9	5.4	8.2
138	16.9	12.9	19.3

Manual Integrations
APPROVED

Sohil
4/7/2016 11:40:38 AM



#26

2-Nitrophenol

Concen: 28.53 ng

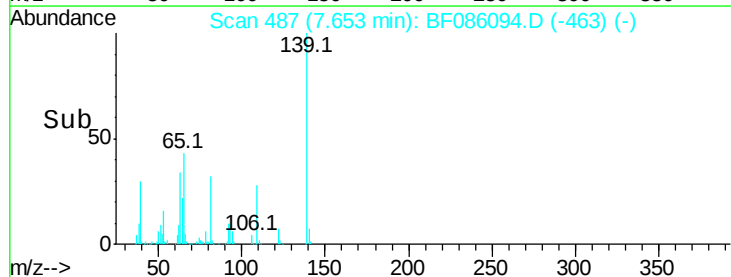
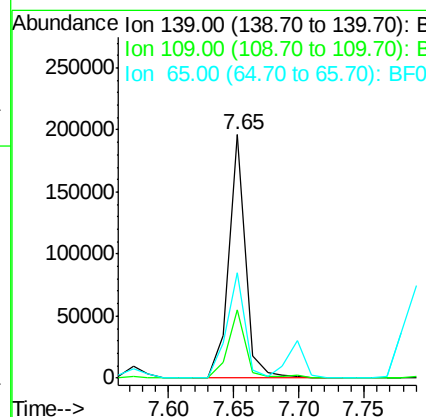
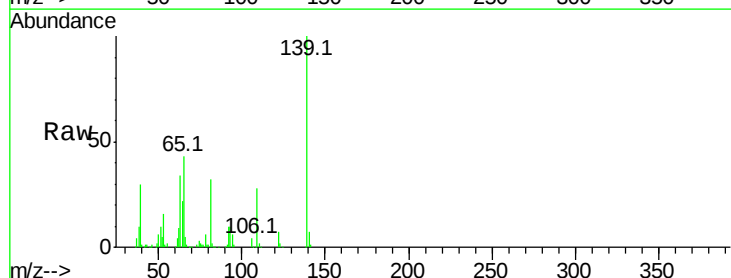
RT: 7.65 min Scan# 487

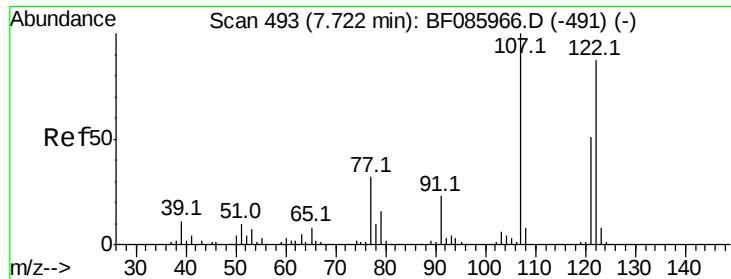
Delta R.T. -0.02 min

Lab File: BF086094.D

Acq: 6 Apr 2016 13:10

Tgt Ion:	139	Resp:	176086
Ion Ratio	Lower	Upper	
139	100		
109	28.0	22.1	33.1
65	43.3	33.9	50.9





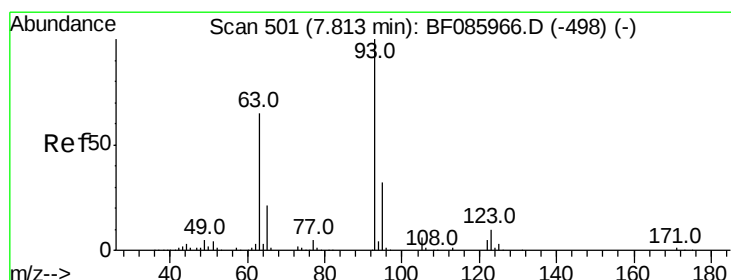
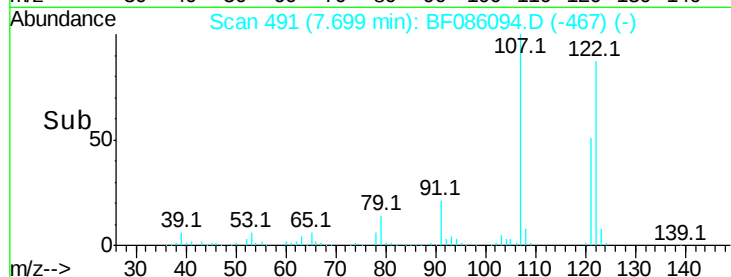
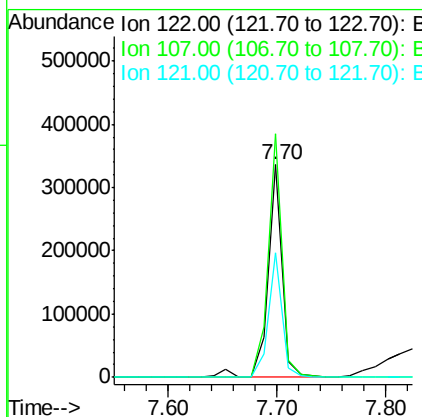
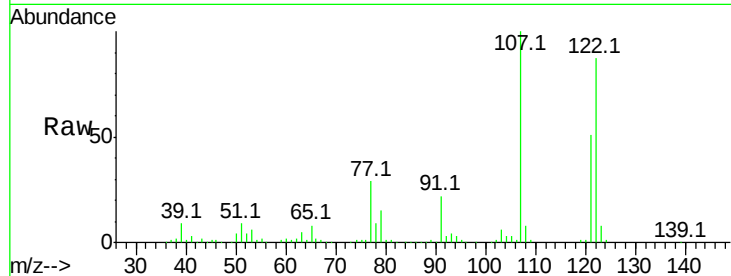
#27
2,4-Dimethylphenol
Concen: 27.86 ng
RT: 7.70 min Scan# 491
Delta R.T. -0.02 min
Lab File: BF086094.D
Acq: 6 Apr 2016 13:10

Instrument :
BNA_F
ClientSampleId :
PB89567BSD

Tot Ion	Ratio	Resp	Lower	Upper
122	100	308853		
107	114.5	93.0	139.6	
121	58.5	45.9	68.9	

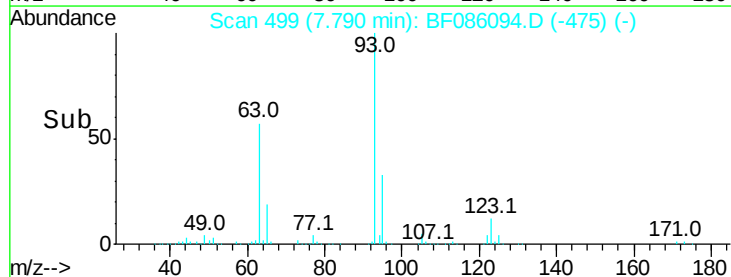
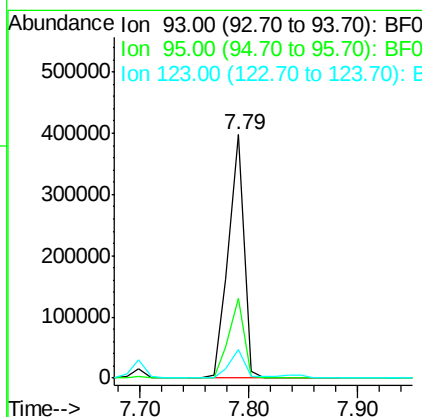
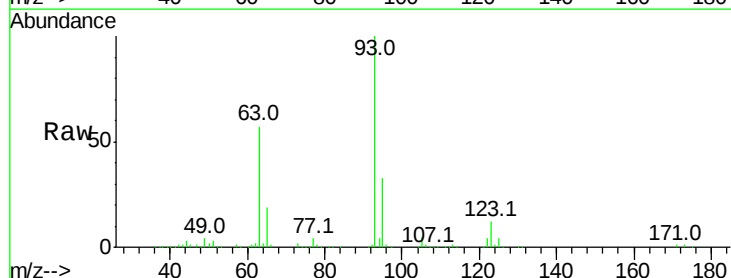
Manual Integrations
APPROVED

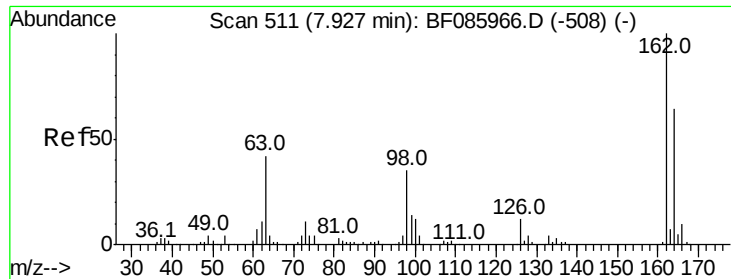
Sohil
4/7/2016 11:40:38 AM



#28
bis(2-Chloroethoxy)methane
Concen: 29.09 ng
RT: 7.79 min Scan# 499
Delta R.T. -0.02 min
Lab File: BF086094.D
Acq: 6 Apr 2016 13:10

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	397281		
95	32.7	26.4	39.6	
123	11.6	9.8	14.6	





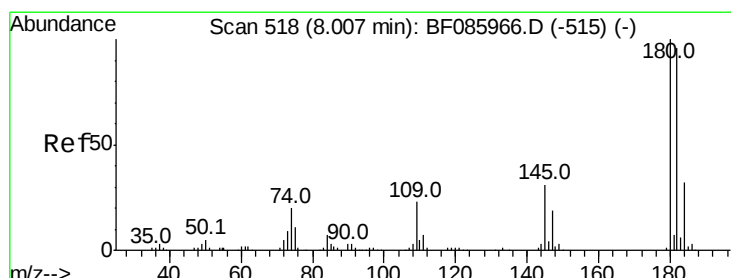
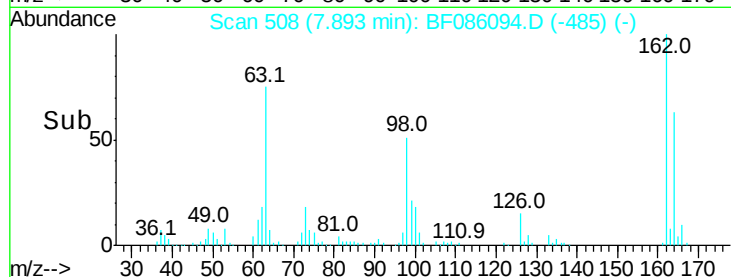
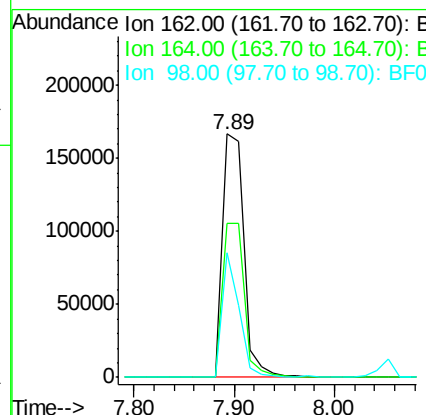
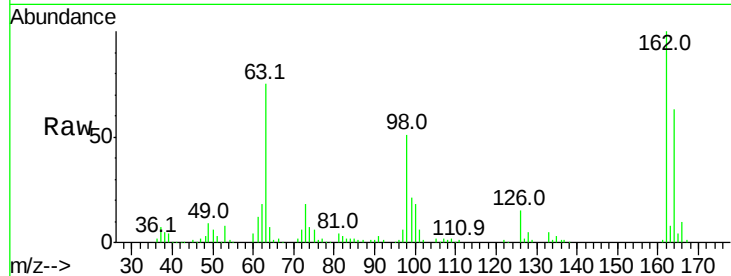
#29
 2,4-Dichlorophenol
 Concen: 26.35 ng
 RT: 7.89 min Scan# 508
 Delta R.T. -0.03 min
 Lab File: BF086094.D
 Acq: 6 Apr 2016 13:10

Instrument :
 BNA_F
 ClientSampleId :
 PB89567BSD

Tot Ion	Ratio	Resp Lower	Upper
162	100		
164	63.5	43.7	83.7
98	51.1	20.4	60.4

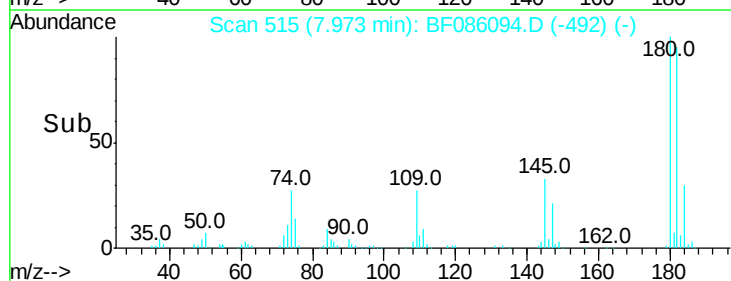
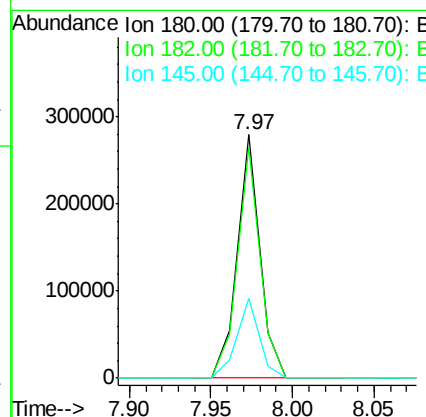
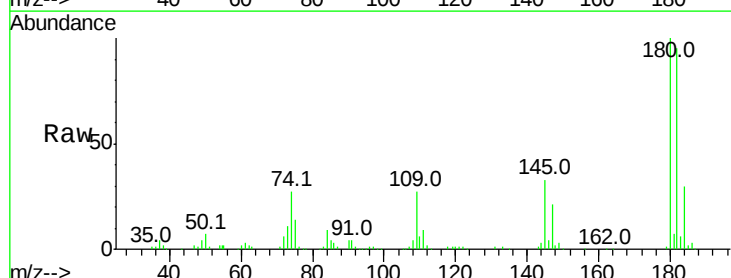
Manual Integrations
 APPROVED

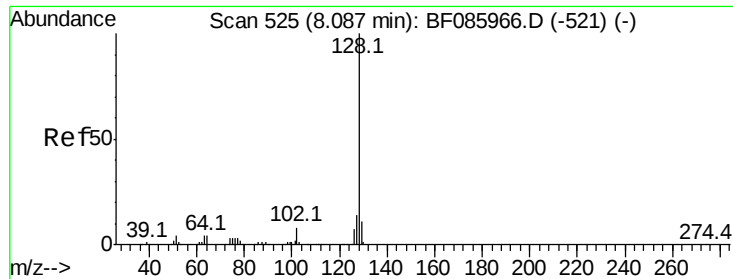
Sohil
 4/7/2016 11:40:38 AM



#30
 1,2,4-Trichlorobenzene
 Concen: 25.28 ng
 RT: 7.97 min Scan# 515
 Delta R.T. -0.03 min
 Lab File: BF086094.D
 Acq: 6 Apr 2016 13:10

Tgt Ion	Ratio	Resp Lower	Upper
180	100		
182	94.6	73.8	110.8
145	32.9	28.4	42.6





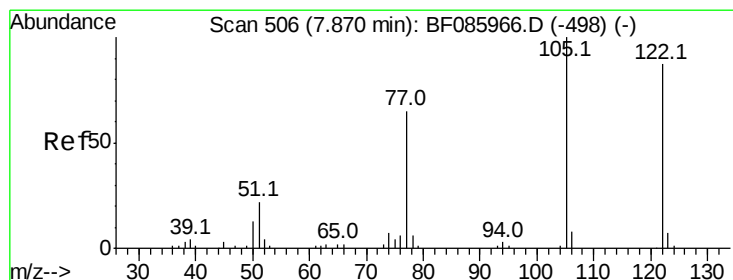
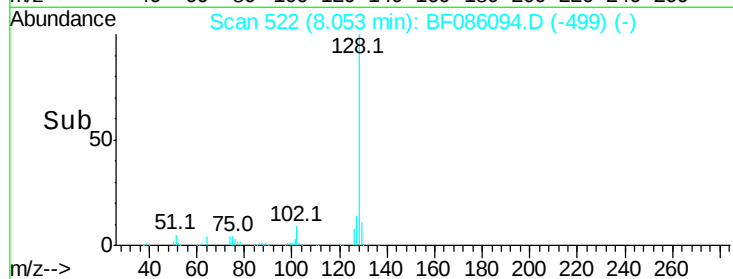
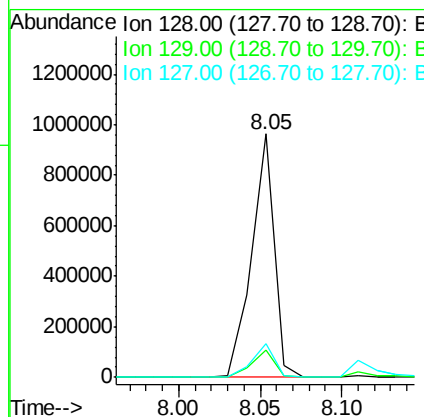
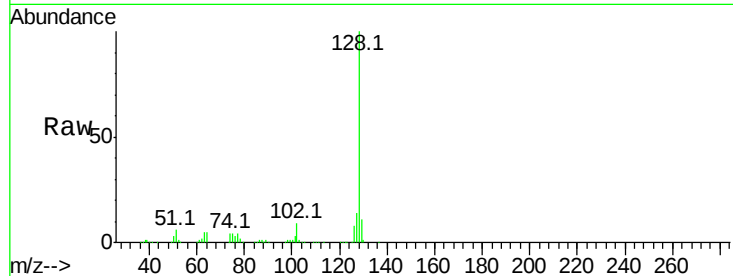
#31
Naphthalene
Concen: 26.49 ng
RT: 8.05 min Scan# 522
Delta R.T. -0.03 min
Lab File: BF086094.D
Acq: 6 Apr 2016 13:10

Instrument :
BNA_F
ClientSampleId :
PB89567BSD

Tot Ion	Ratio	Resp	Lower	Upper
128	100			
129	11.3	9.4	14.0	
127	13.6	11.0	16.6	

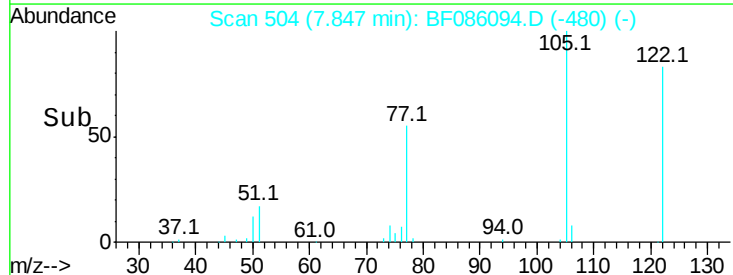
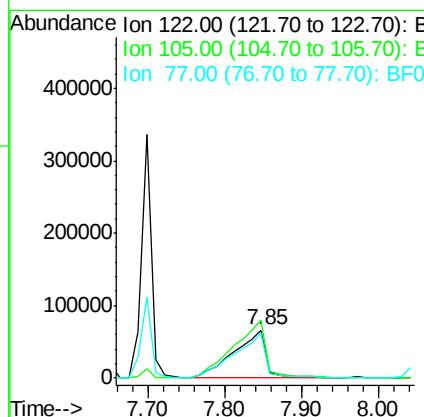
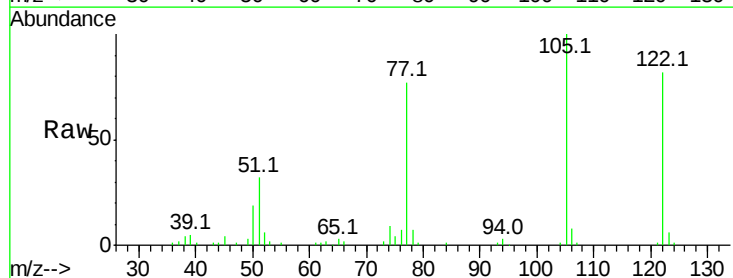
Manual Integrations
APPROVED

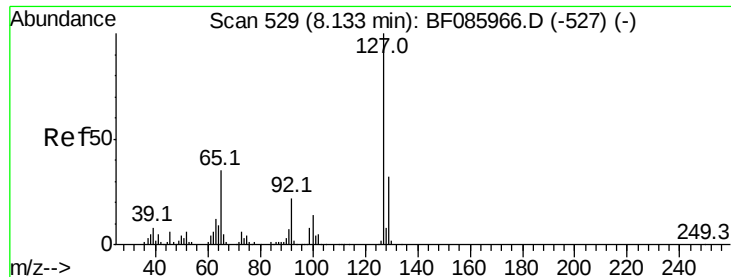
Sohil
4/7/2016 11:40:38 AM



#32
Benzoic acid
Concen: 23.50 ng
RT: 7.85 min Scan# 504
Delta R.T. -0.02 min
Lab File: BF086094.D
Acq: 6 Apr 2016 13:10

Tgt Ion	Ratio	Resp	Lower	Upper
122	100			
105	121.3	102.9	142.9	
77	93.2	71.8	111.8	





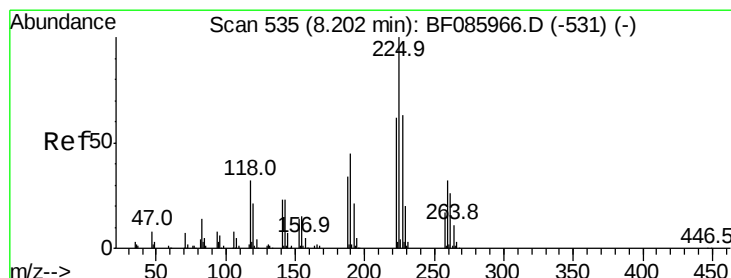
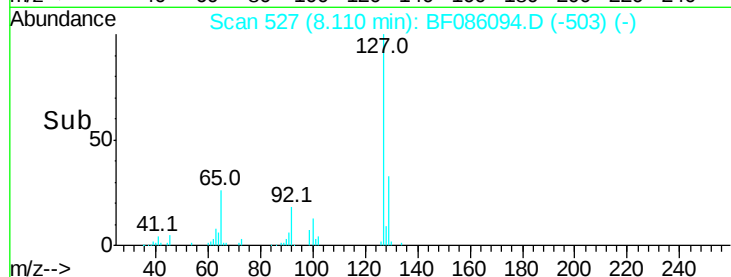
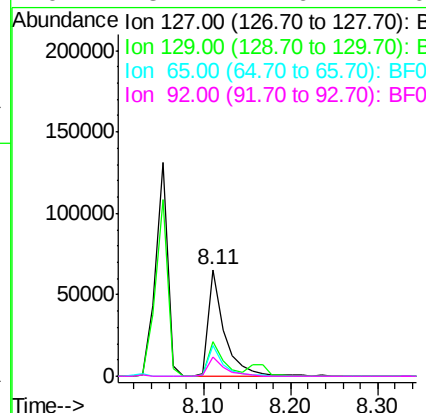
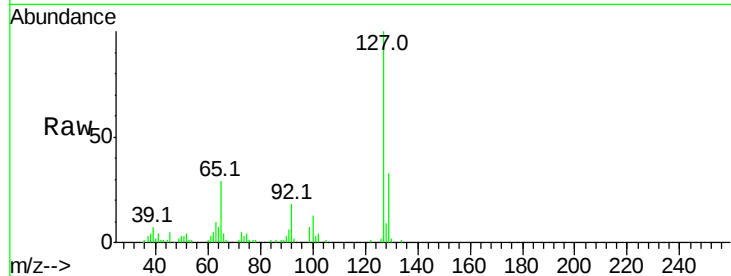
#33
4-Chloroaniline
Concen: 6.03 ng
RT: 8.11 min Scan# 527
Delta R.T. -0.02 min
Lab File: BF086094.D
Acq: 6 Apr 2016 13:10

Instrument :
BNA_F
ClientSampleId :
PB89567BSD

Tot Ion	Ratio	Resp	Lower	Upper
127	100			
129	32.9	26.1	39.1	
65	28.8	19.5	29.3	
92	18.1	14.6	22.0	

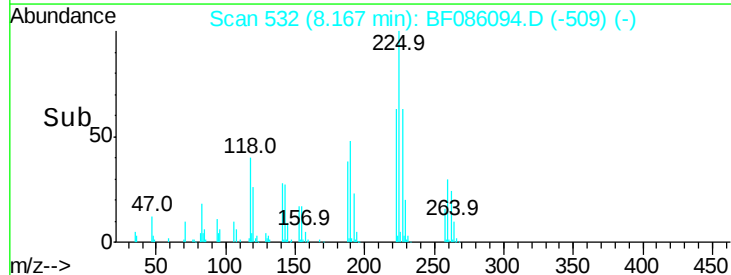
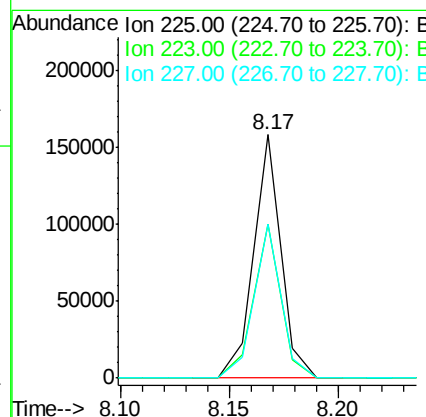
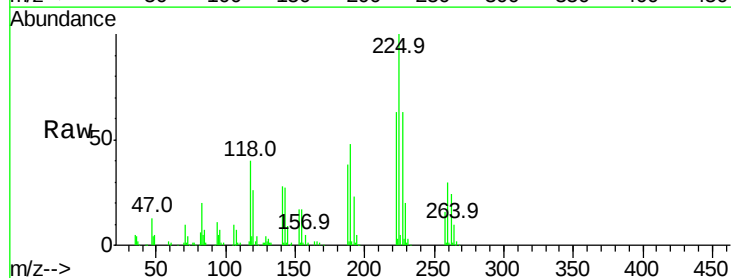
Manual Integrations
APPROVED

Sohil
4/7/2016 11:40:38 AM



#34
Hexachlorobutadiene
Concen: 24.32 ng
RT: 8.17 min Scan# 532
Delta R.T. -0.03 min
Lab File: BF086094.D
Acq: 6 Apr 2016 13:10

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	63.1	50.4	75.6	
227	63.4	51.4	77.2	





#35

Caprolactam

Concen: 30.23 ng/ml

RT: 8.49 min Scan# 560

Delta R.T. -0.02 min

Lab File: BF086094.D

Acq: 6 Apr 2016 13:10

Instrument :

BNA_F

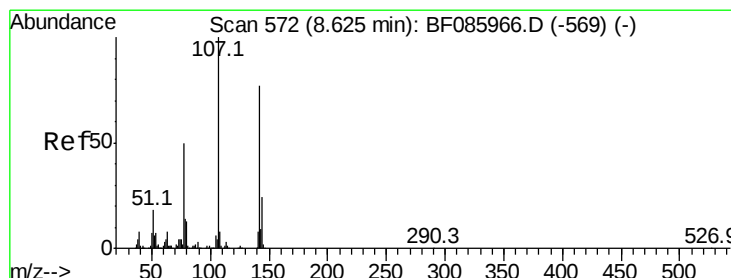
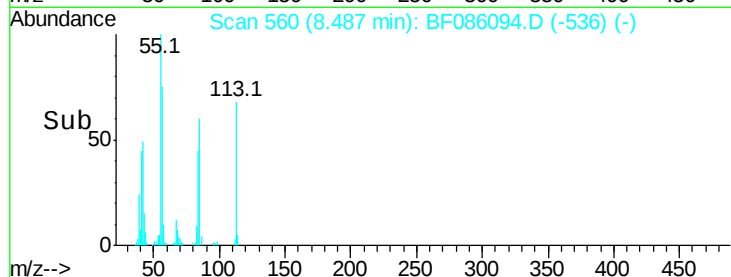
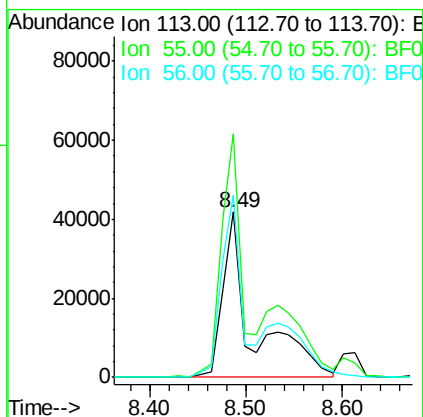
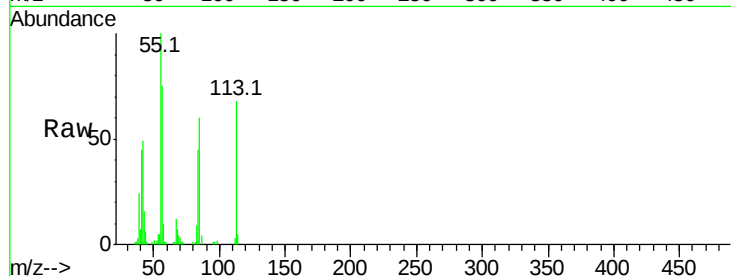
ClientSampleID :

PB89567BSD

Manual Integrations
APPROVED

Sohil
4/7/2016 11:40:38 AM

Tot Ion	Ratio	Lower	Upper
113	100		
55	147.6	139.4	179.4
56	110.4	100.4	140.4



#36

4-Chloro-3-methylphenol

Concen: 27.28 ng/ml

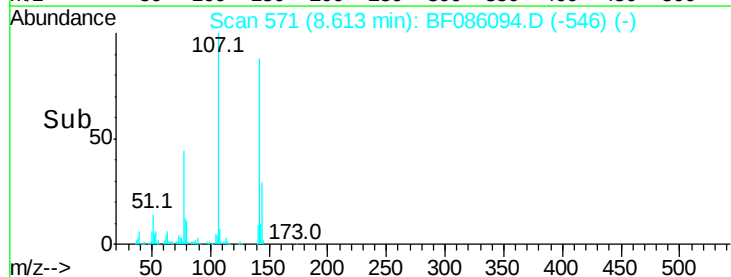
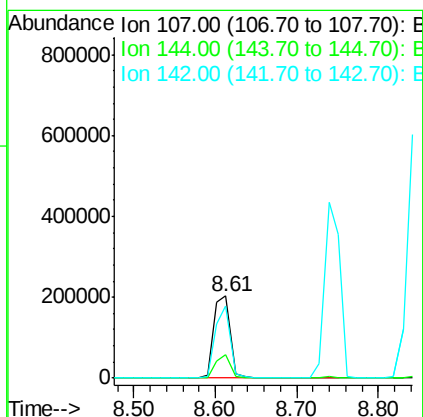
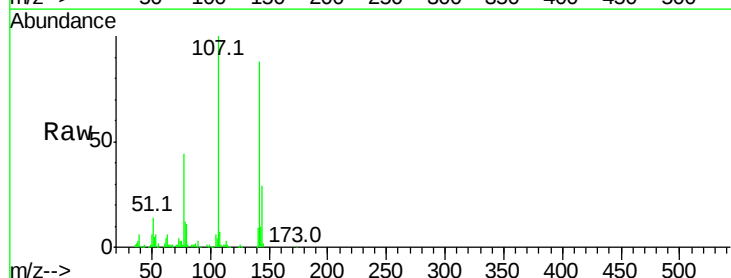
RT: 8.61 min Scan# 571

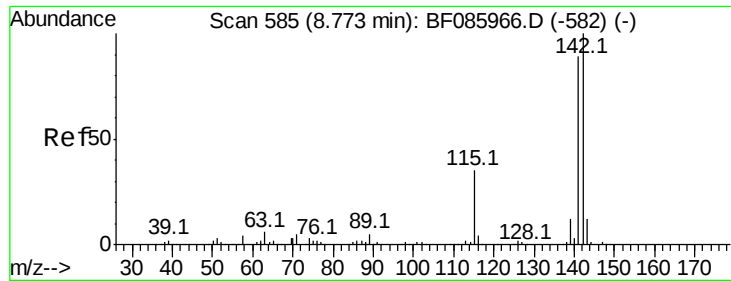
Delta R.T. -0.01 min

Lab File: BF086094.D

Acq: 6 Apr 2016 13:10

Tgt Ion	Ratio	Lower	Upper
107	100		
144	28.8	19.3	28.9
142	88.5	61.4	92.0





#37

2-Methylnaphthalene

Concen: 24.97 ng

RT: 8.74 min Scan# 582

Delta R.T. -0.03 min

Lab File: BF086094.D

Acq: 6 Apr 2016 13:10

Instrument :

BNA_F

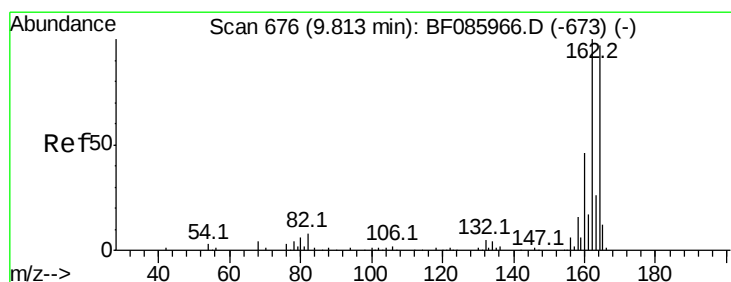
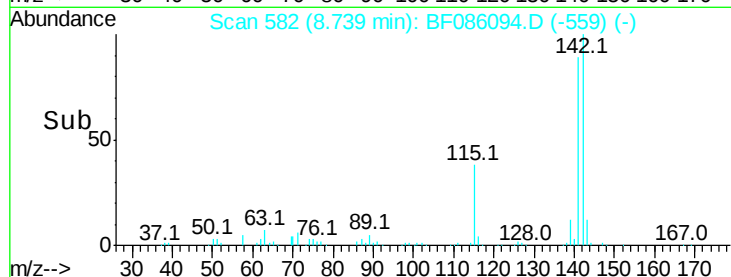
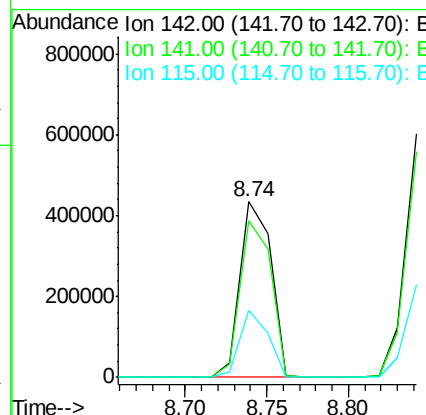
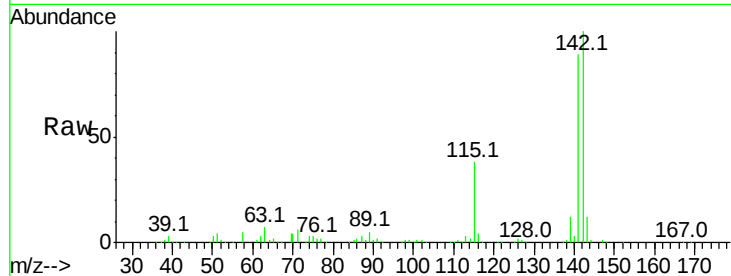
ClientSampleId :

PB89567BSD

Tot Ion:	142	Resp:	570633
Ion Ratio	Lower	Upper	
142	100		
141	89.4	71.6	107.4
115	38.2	26.8	40.2

Manual Integrations
APPROVED

Sohil
4/7/2016 11:40:38 AM



#38

Acenaphthene-d10

Concen: 20.00 ng

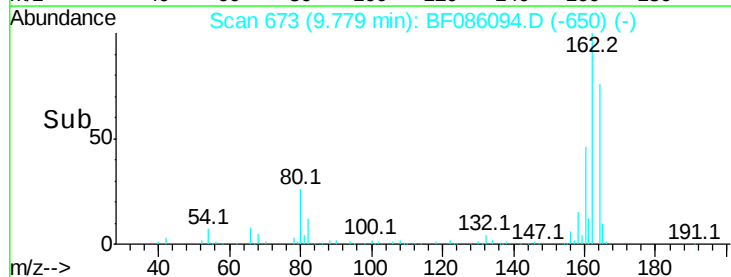
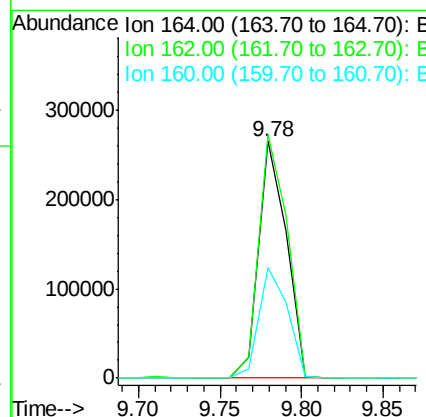
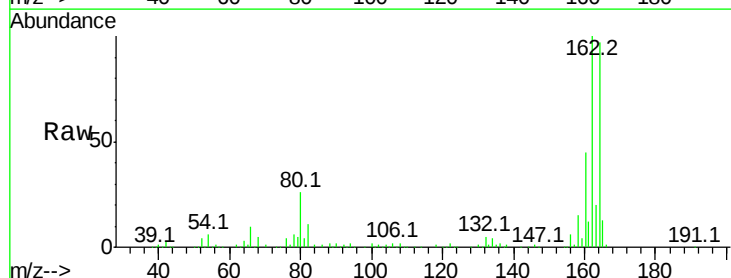
RT: 9.78 min Scan# 673

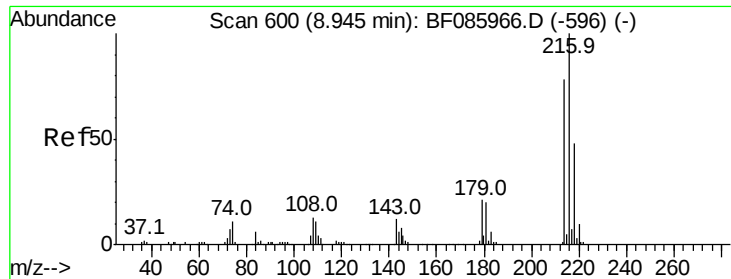
Delta R.T. -0.03 min

Lab File: BF086094.D

Acq: 6 Apr 2016 13:10

Tgt Ion:	164	Resp:	312950
Ion Ratio	Lower	Upper	
164	100		
162	102.9	82.1	123.1
160	46.5	37.4	56.2





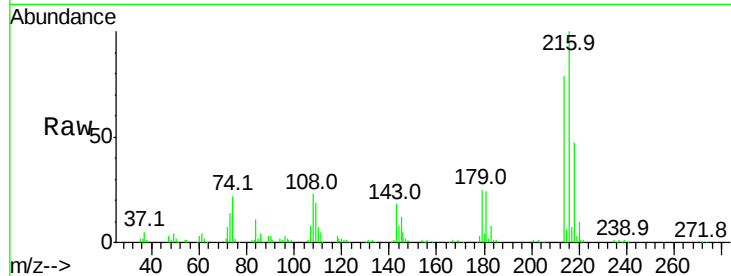
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 25.03 ng
 RT: 8.91 min Scan# 597
 Delta R.T. -0.03 min
 Lab File: BF086094.D
 Acq: 6 Apr 2016 13:10

Instrument :
 BNA_F
 ClientSampleId :
 PB89567BSD

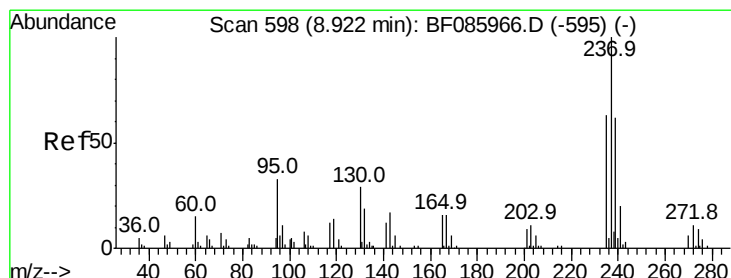
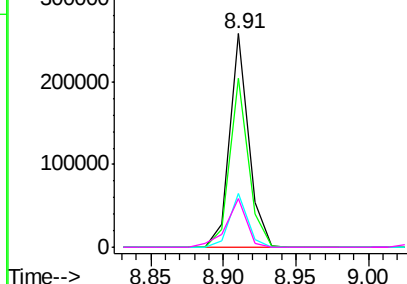
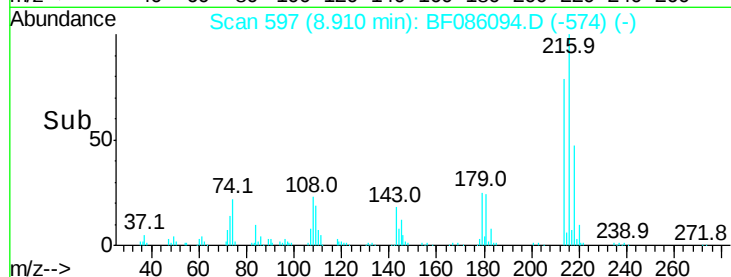
Tot Ion	Ratio	Resp Lower	Upper
216	100		
214	78.4	63.1	94.7
179	23.8	18.2	27.2
108	24.9	17.3	25.9

Manual Integrations
 APPROVED

Sohil
 4/7/2016 11:40:38 AM

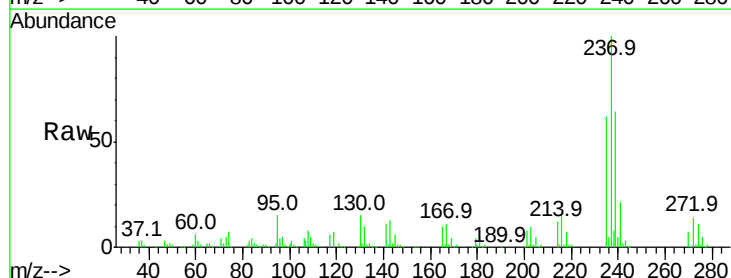


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

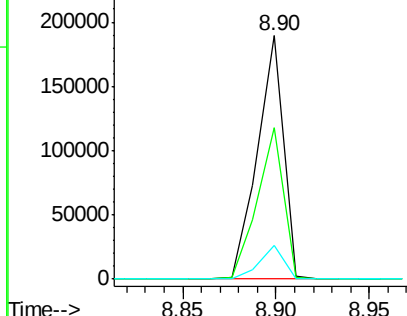
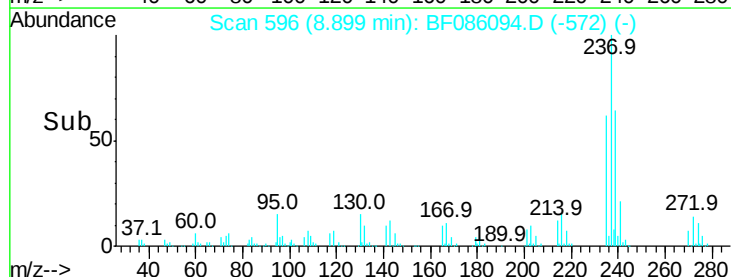


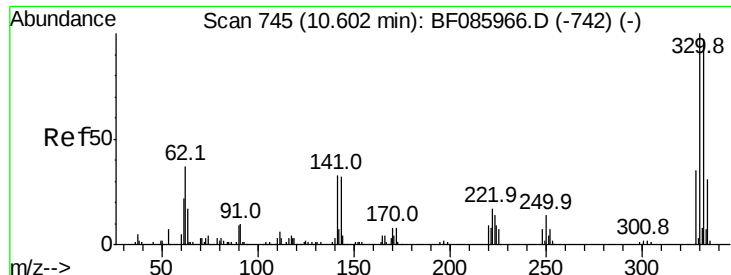
#40
 Hexachlorocyclopentadiene
 Concen: 60.05 ng
 RT: 8.90 min Scan# 596
 Delta R.T. -0.02 min
 Lab File: BF086094.D
 Acq: 6 Apr 2016 13:10

Tgt Ion	Ratio	Resp Lower	Upper
237	100		
235	62.3	43.7	83.7
272	13.7	0.0	31.9



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





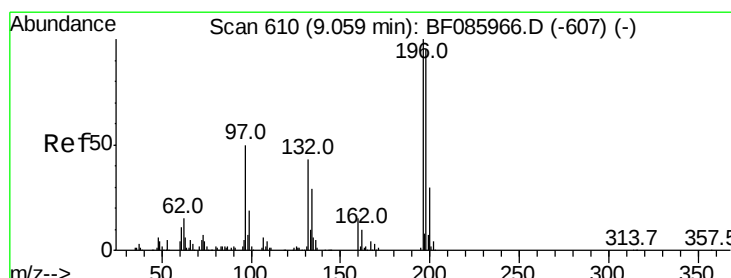
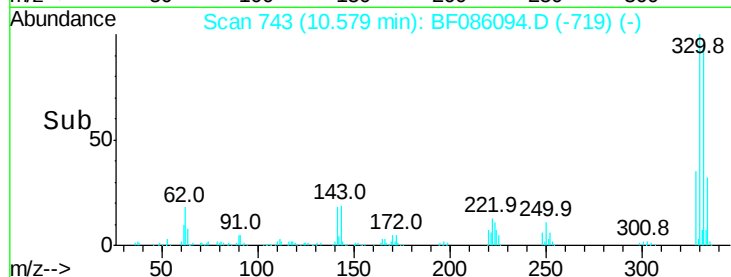
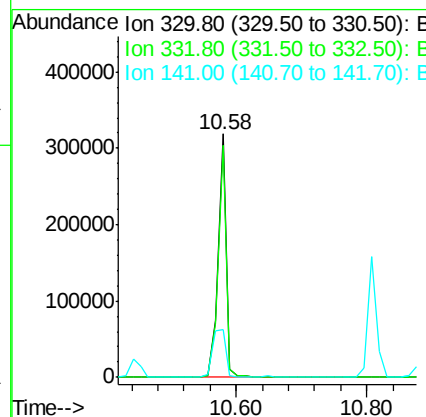
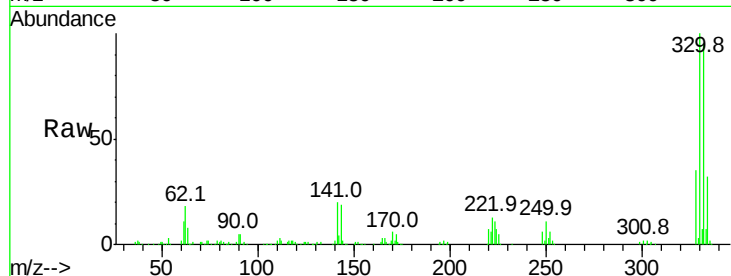
#41
 2,4,6-Tribromophenol
 Concen: 97.46 ng
 RT: 10.58 min Scan# 743
 Delta R.T. -0.02 min
 Lab File: BF086094.D
 Acq: 6 Apr 2016 13:10

Instrument :
 BNA_F
 ClientSampleId :
 PB89567BSD

Tot Ion	Ratio	Resp	Lower	Upper
330	100	286261		
332	95.3	78.2	117.2	
141	31.5	31.5	47.3	

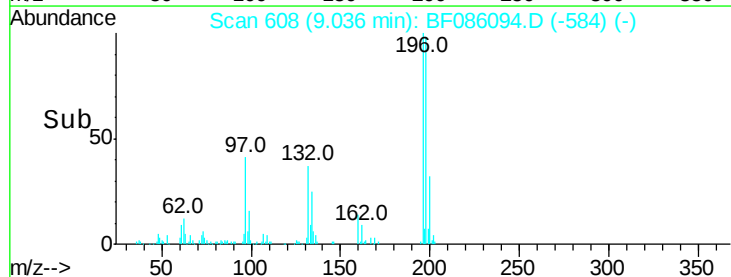
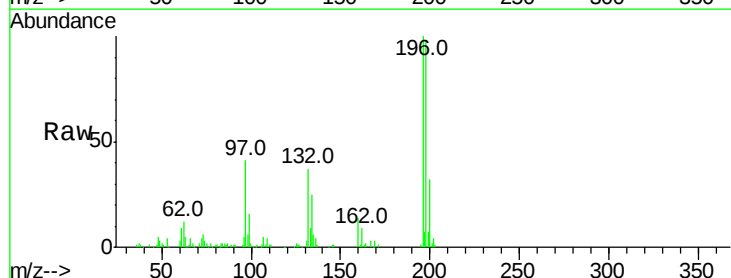
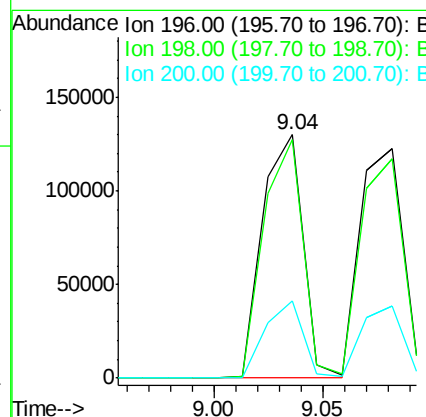
Manual Integrations
 APPROVED

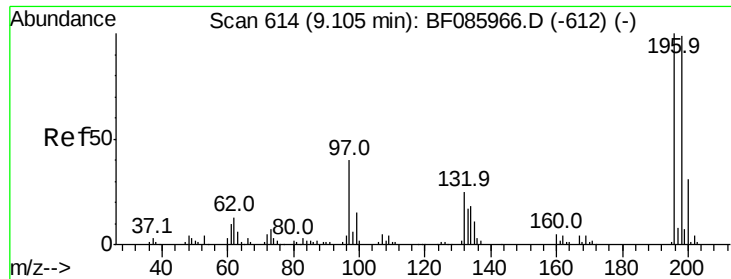
Sohil
 4/7/2016 11:40:38 AM



#42
 2,4,6-Trichlorophenol
 Concen: 28.05 ng
 RT: 9.04 min Scan# 608
 Delta R.T. -0.02 min
 Lab File: BF086094.D
 Acq: 6 Apr 2016 13:10

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	169416		
198	97.9	75.3	112.9	
200	31.6	23.7	35.5	





#43

2,4,5-Trichlorophenol

Concen: 28.28 ng

RT: 9.08 min Scan# 612

Delta R.T. -0.02 min

Lab File: BF086094.D

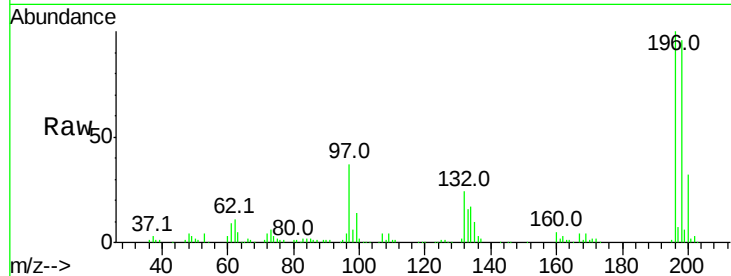
Acq: 6 Apr 2016 13:10

Instrument :

BNA_F

ClientSampleId :

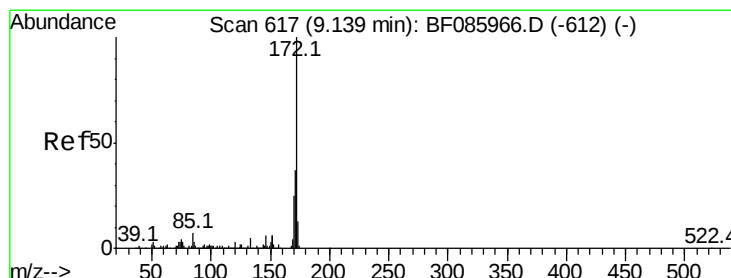
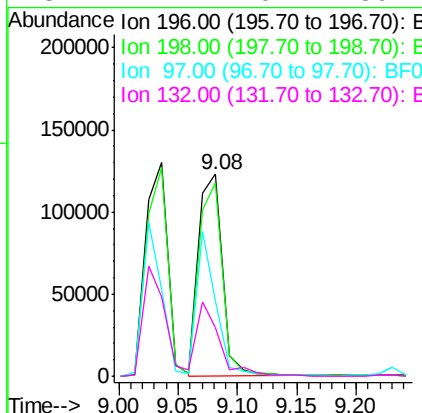
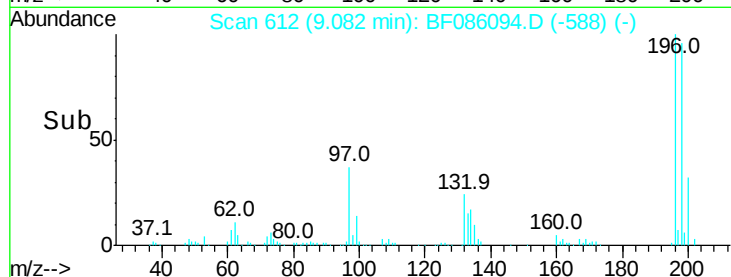
PB89567BSD



Tot Ion	Ratio	Resp	Lower	Upper
196	100	173425		
198	95.6	76.6	114.8	
97	37.4	30.5	45.7	
132	24.2	20.2	30.2	

Manual Integrations
APPROVED

Sohil
4/7/2016 11:40:38 AM



#44

2-Fluorobiphenyl

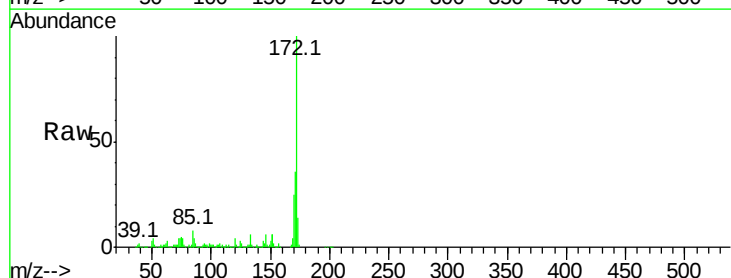
Concen: 56.34 ng

RT: 9.10 min Scan# 614

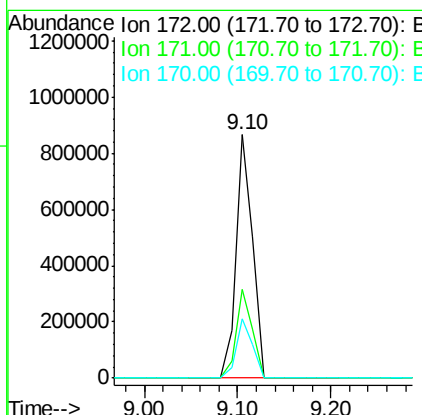
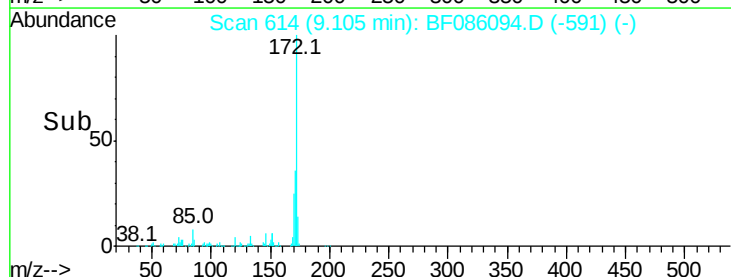
Delta R.T. -0.03 min

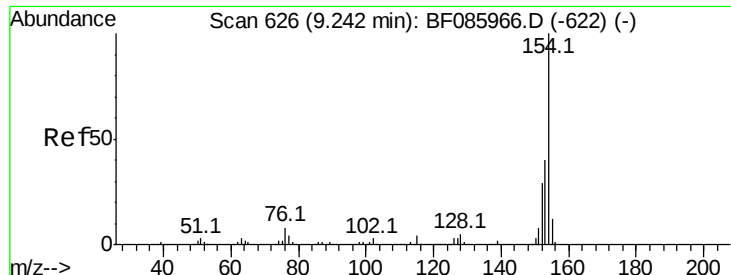
Lab File: BF086094.D

Acq: 6 Apr 2016 13:10



Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1060450		
171	36.5	29.4	44.2	
170	24.6	19.8	29.6	





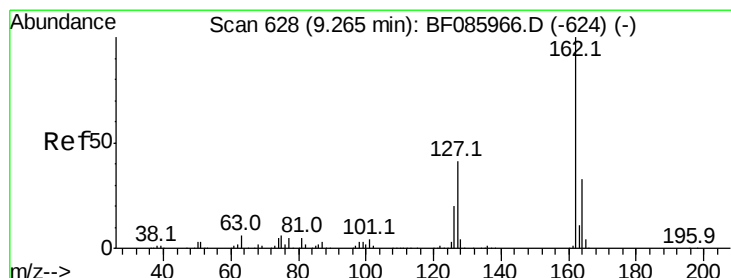
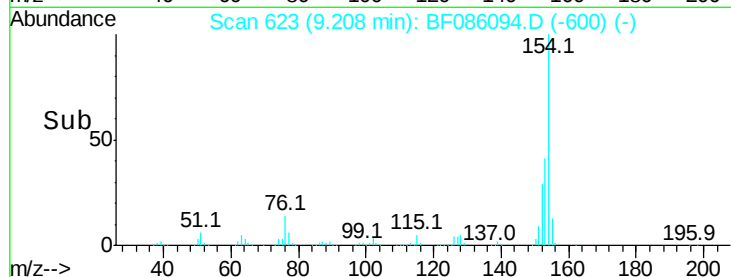
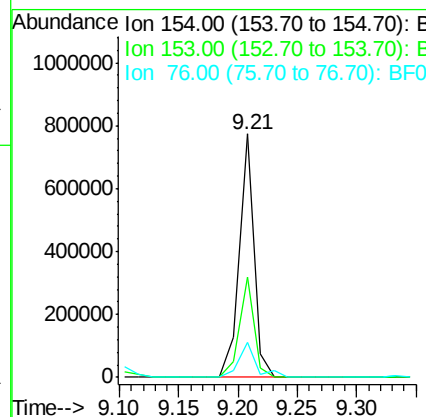
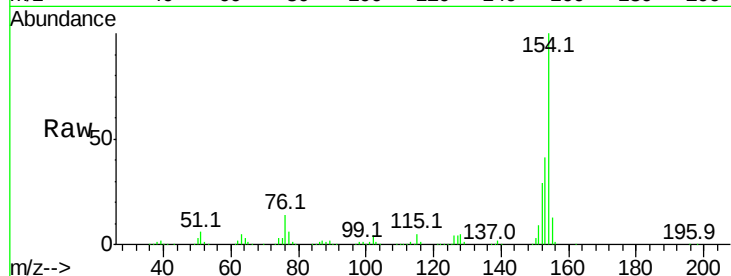
#45
1,1'-Biphenyl
Concen: 24.97 ng
RT: 9.21 min Scan# 623
Delta R.T. -0.03 min
Lab File: BF086094.D
Acq: 6 Apr 2016 13:10

Instrument :
BNA_F
ClientSampleId :
PB89567BSD

Tot Ion	Ratio	Resp	Lower	Upper
154	100			
153	41.2	20.8	60.8	
76	14.3	0.0	36.7	

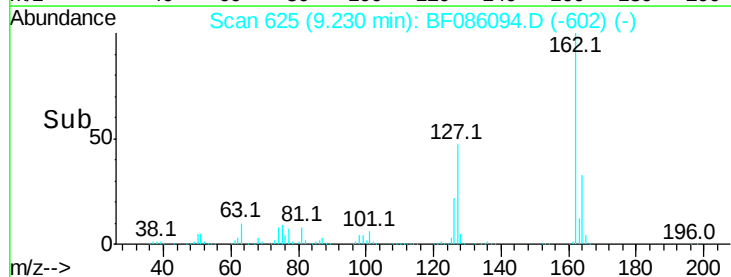
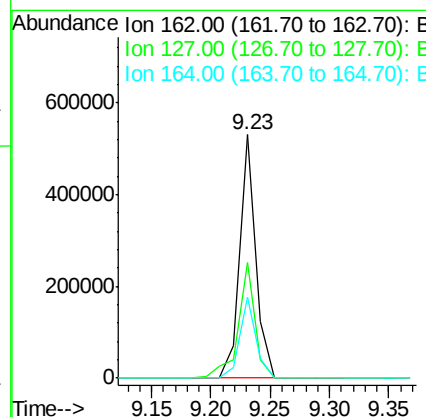
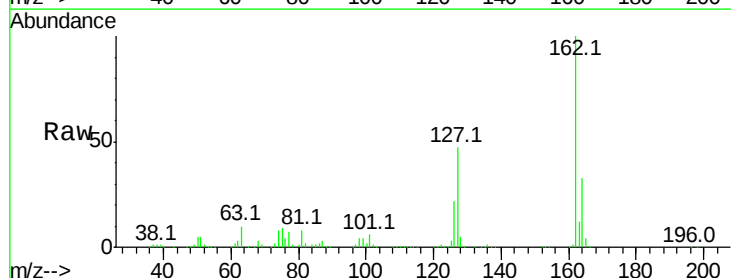
Manual Integrations
APPROVED

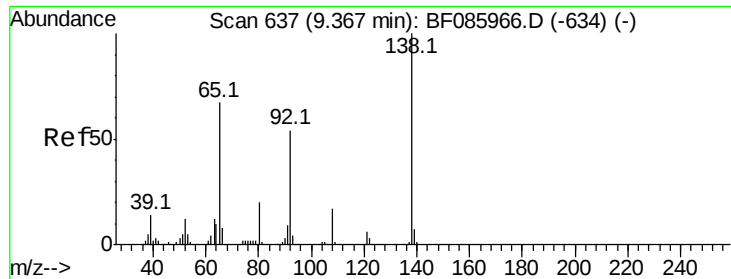
Sohil
4/7/2016 11:40:38 AM



#46
2-Chloronaphthalene
Concen: 25.62 ng
RT: 9.23 min Scan# 625
Delta R.T. -0.03 min
Lab File: BF086094.D
Acq: 6 Apr 2016 13:10

Tgt Ion	Ratio	Resp	Lower	Upper
162	100			
127	47.2	31.7	47.5	
164	33.3	27.3	40.9	





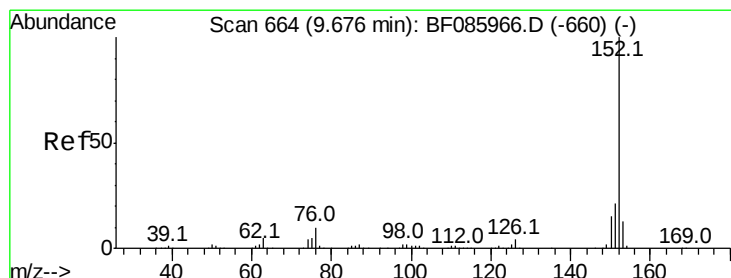
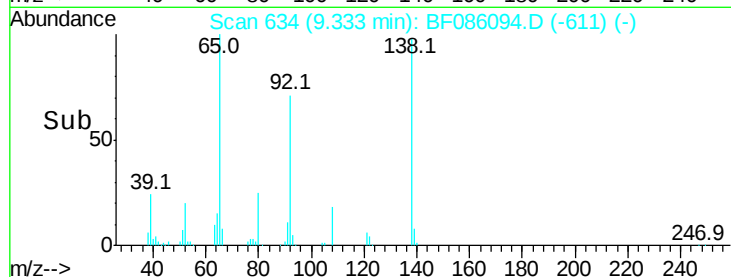
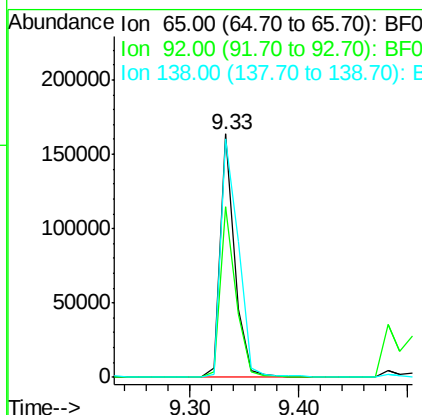
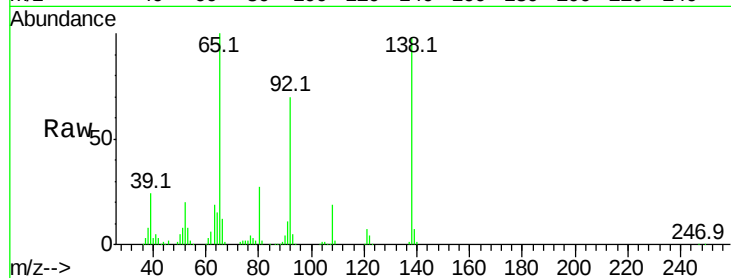
#47
2-Nitroaniline
Concen: 26.89 ng
RT: 9.33 min Scan# 634
Delta R.T. -0.03 min
Lab File: BF086094.D
Acq: 6 Apr 2016 13:10

Instrument :
BNA_F
ClientSampleId :
PB89567BSD

Tot Ion	Ratio	Lower	Upper
65	100		
92	70.3	59.7	89.5
138	97.7	91.4	137.0

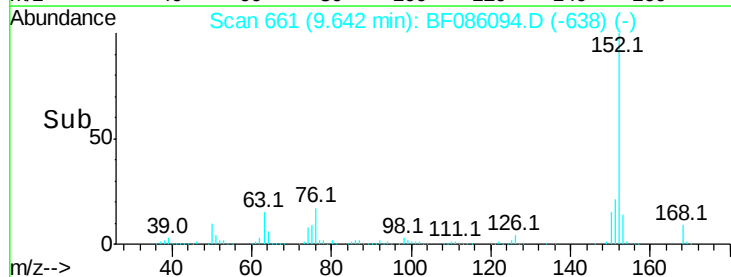
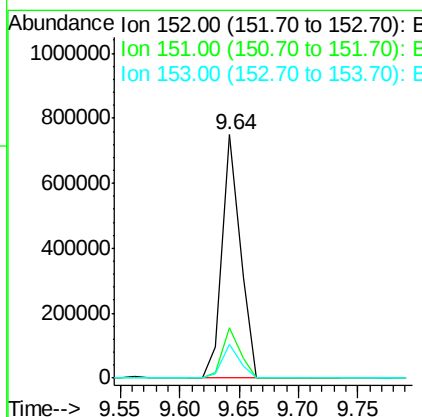
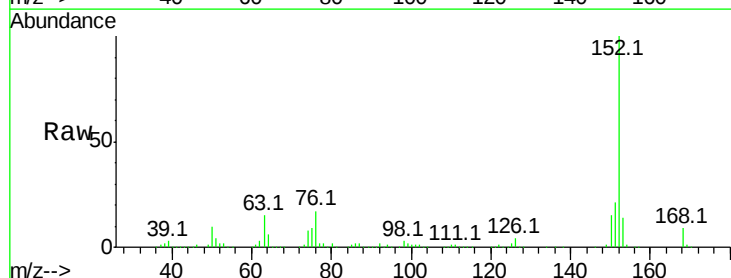
Manual Integrations
APPROVED

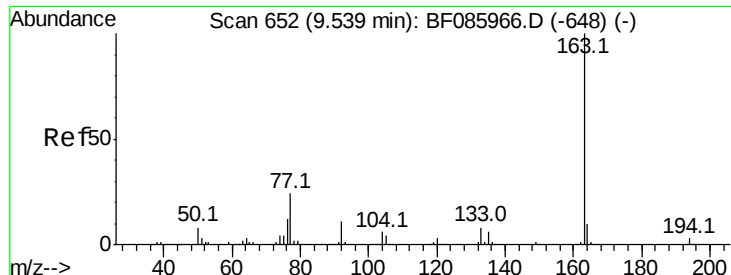
Sohil
4/7/2016 11:40:38 AM



#48
Acenaphthylene
Concen: 25.44 ng
RT: 9.64 min Scan# 661
Delta R.T. -0.03 min
Lab File: BF086094.D
Acq: 6 Apr 2016 13:10

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.6	16.8	25.2
153	13.6	10.9	16.3





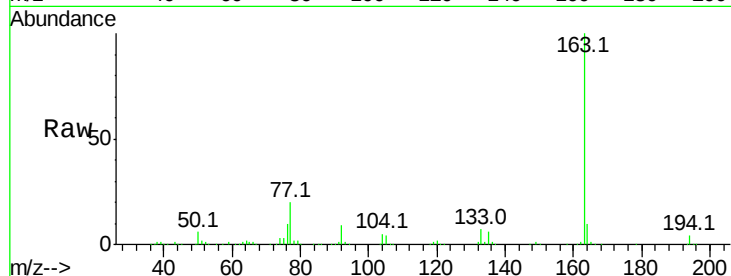
#49
Dimethylphthalate
Concen: 27.85 ng
RT: 9.52 min Scan# 650
Delta R.T. -0.02 min
Lab File: BF086094.D
Acq: 6 Apr 2016 13:10

Instrument :
BNA_F
ClientSampleId :
PB89567BSD

Tot Ion	Ratio	Resp	Lower	Upper
163	100			
194	3.5	2.9	4.3	
164	10.1	8.3	12.5	

Manual Integrations
APPROVED

Sohil
4/7/2016 11:40:38 AM

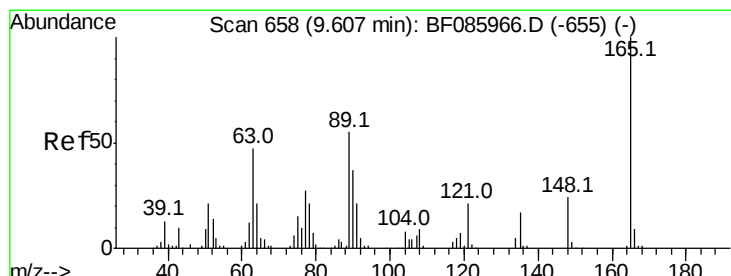
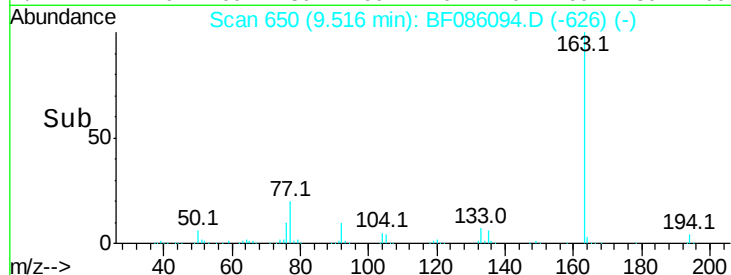
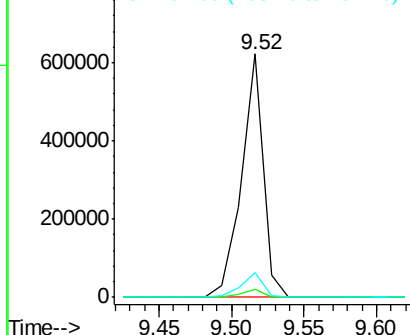


Abundance

Ion 163.00 (162.70 to 163.70): E

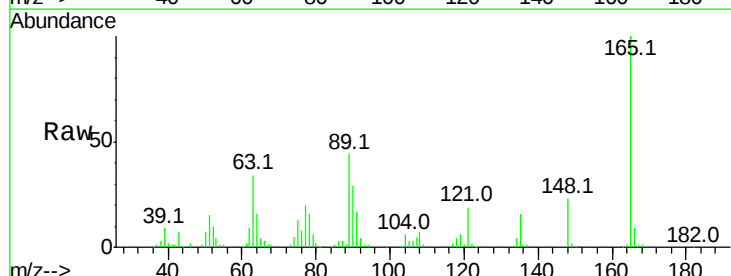
Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50
2,6-Dinitrotoluene
Concen: 31.10 ng
RT: 9.58 min Scan# 656
Delta R.T. -0.02 min
Lab File: BF086094.D
Acq: 6 Apr 2016 13:10

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	33.9	51.8	77.8#	
89	43.6	53.7	80.5#	

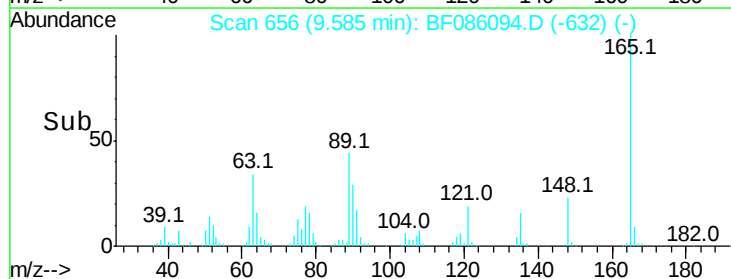
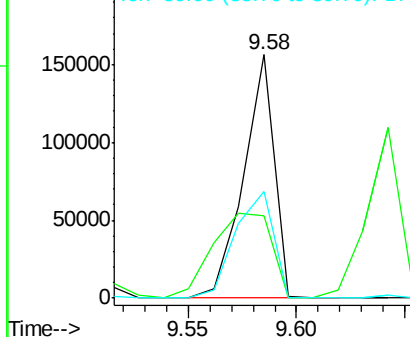


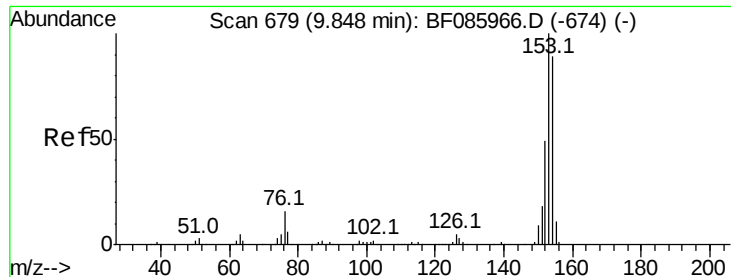
Abundance

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: 25.26 ng

RT: 9.81 min Scan# 676

Delta R.T. -0.03 min

Lab File: BF086094.D

Acq: 6 Apr 2016 13:10

Instrument :

BNA_F

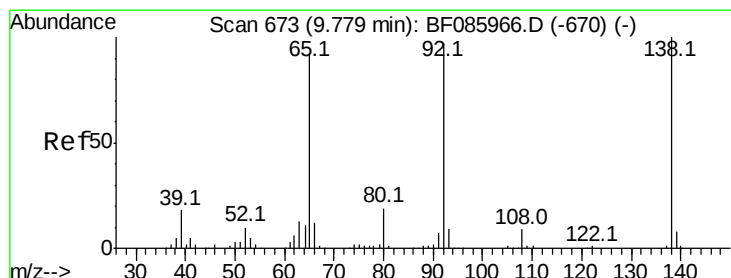
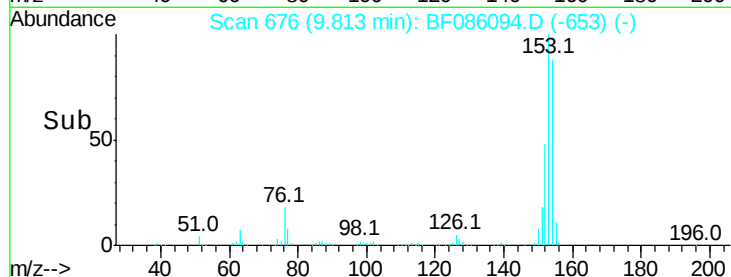
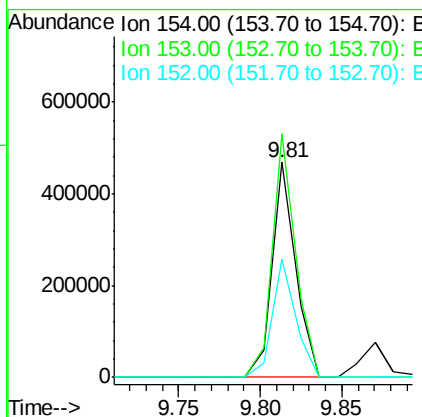
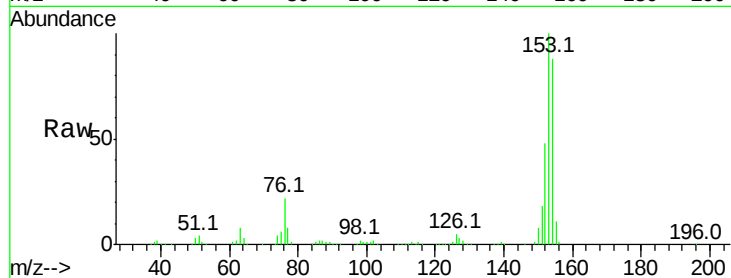
ClientSampleId :

PB89567BSD

Tot Ion	Ratio	Resp	Lower	Upper
154	100	470635		
153	113.2	90.1	135.1	
152	54.7	44.2	66.2	

Manual Integrations
APPROVED

Sohil
4/7/2016 11:40:38 AM



#52

3-Nitroaniline

Concen: 10.38 ng

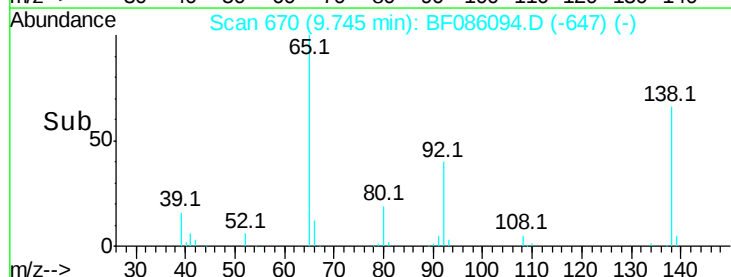
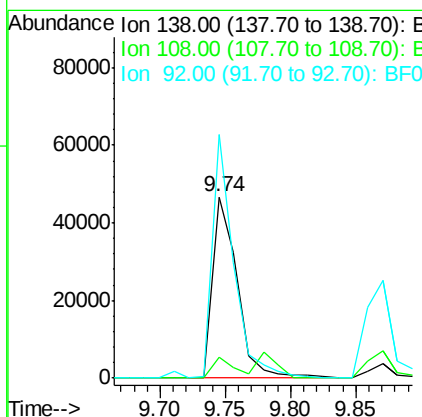
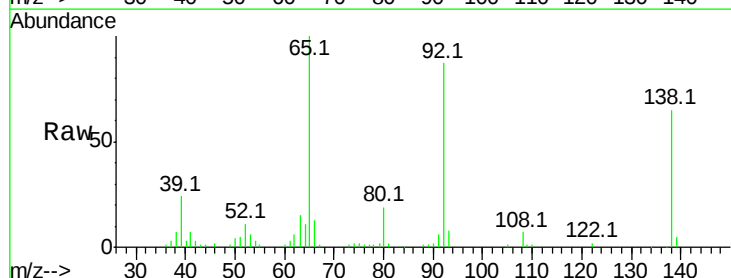
RT: 9.74 min Scan# 670

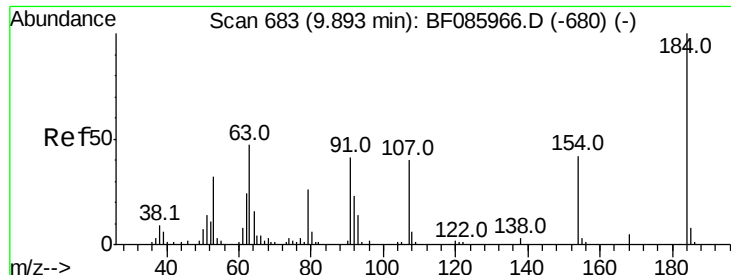
Delta R.T. -0.03 min

Lab File: BF086094.D

Acq: 6 Apr 2016 13:10

Tgt Ion	Ratio	Resp	Lower	Upper
138	100	61389		
108	11.3	8.7	13.1	
92	134.1	93.3	139.9	





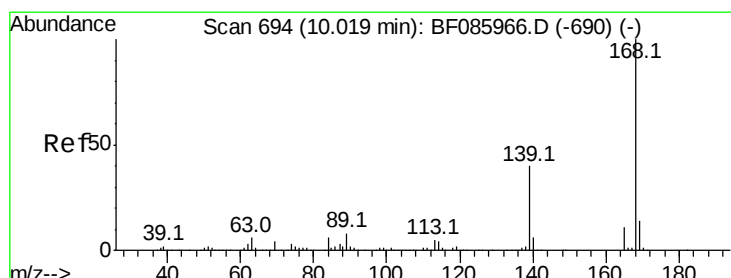
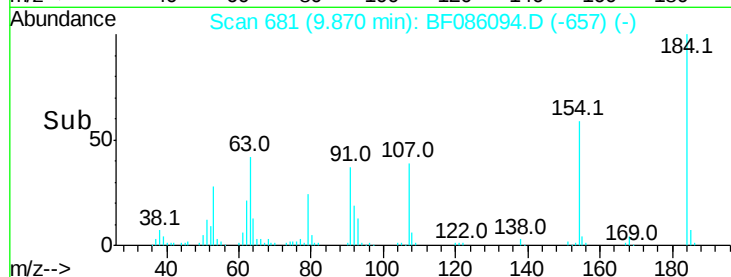
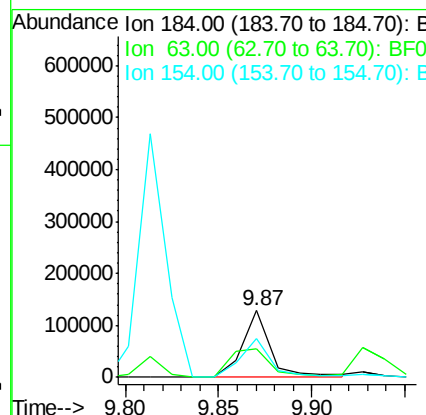
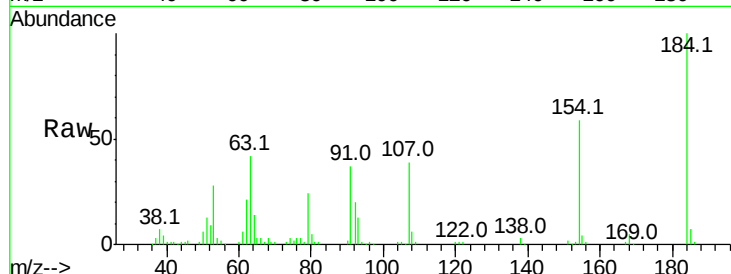
#53
 2,4-Dinitrophenol
 Concen: 50.68 ng
 RT: 9.87 min Scan# 681
 Delta R.T. -0.02 min
 Lab File: BF086094.D
 Acq: 6 Apr 2016 13:10

Instrument :
 BNA_F
 ClientSampleId :
 PB89567BSD

Tot Ion	Ratio	Resp	Lower	Upper
184	100			
63	42.5	69.5	104.3	
154	58.8	58.3	87.5	

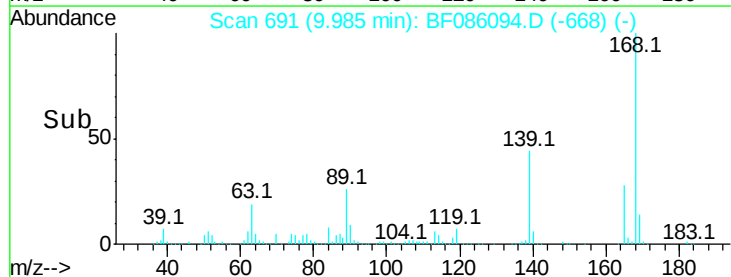
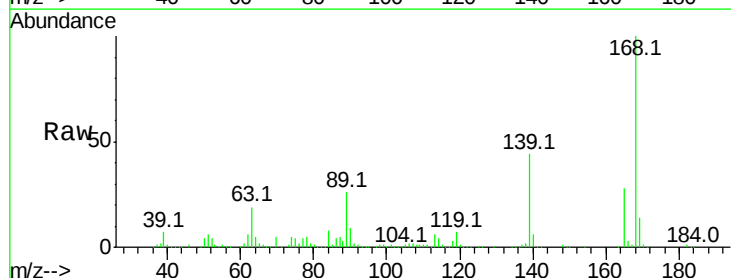
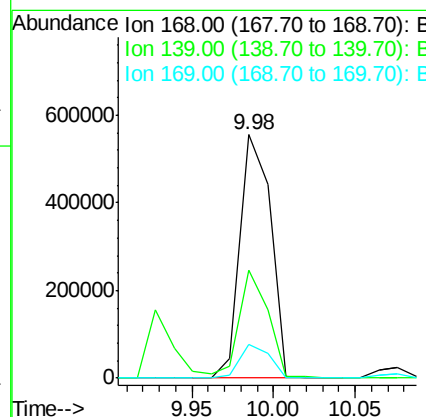
Manual Integrations
 APPROVED

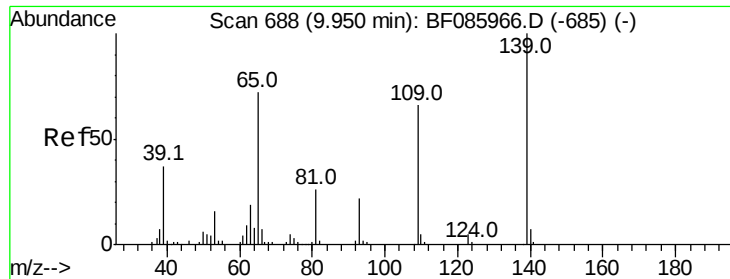
Sohil
 4/7/2016 11:40:38 AM



#54
 Dibenzofuran
 Concen: 29.26 ng
 RT: 9.98 min Scan# 691
 Delta R.T. -0.03 min
 Lab File: BF086094.D
 Acq: 6 Apr 2016 13:10

Tgt Ion	Ratio	Resp	Lower	Upper
168	100			
139	44.1	31.9	47.9	
169	14.1	11.0	16.6	





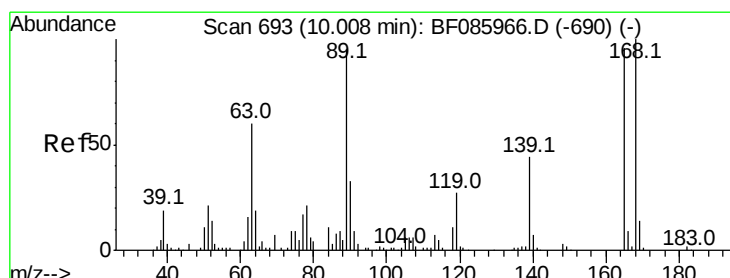
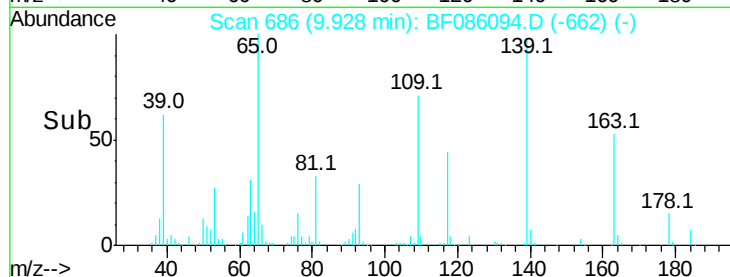
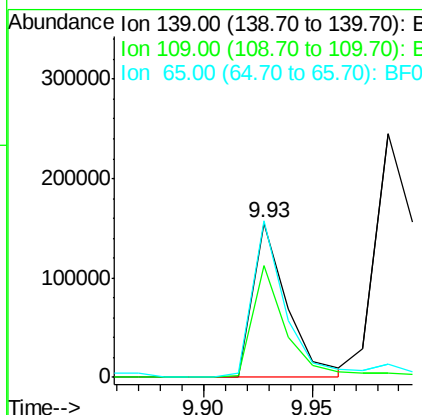
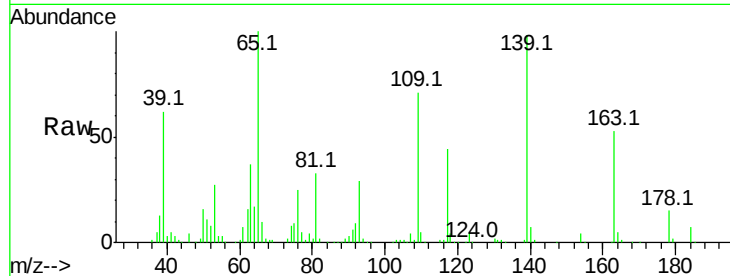
#55
4-Nitrophenol
Concen: 49.27 ng
RT: 9.93 min Scan# 686
Delta R.T. -0.02 min
Lab File: BF086094.D
Acq: 6 Apr 2016 13:10

Instrument :
BNA_F
ClientSampleId :
PB89567BSD

Tot Ion	Ratio	Resp	Lower	Upper
139	100	171793		
109	72.5	49.2	89.2	
65	101.9	66.9	106.9	

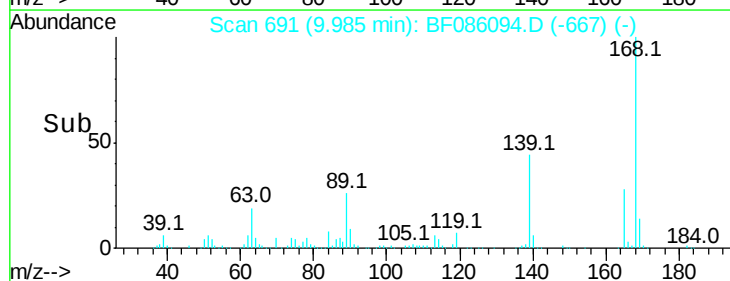
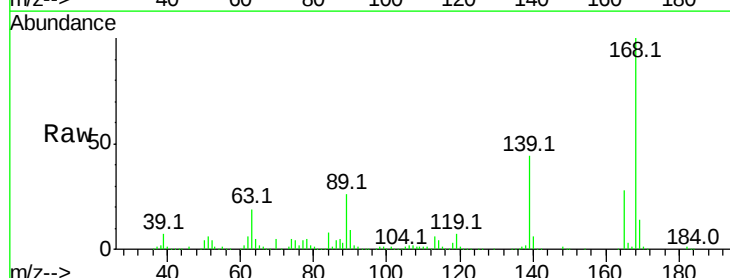
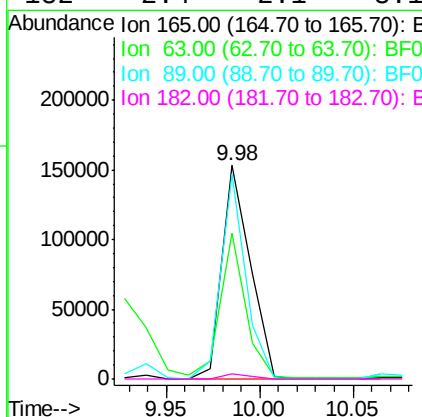
Manual Integrations
APPROVED

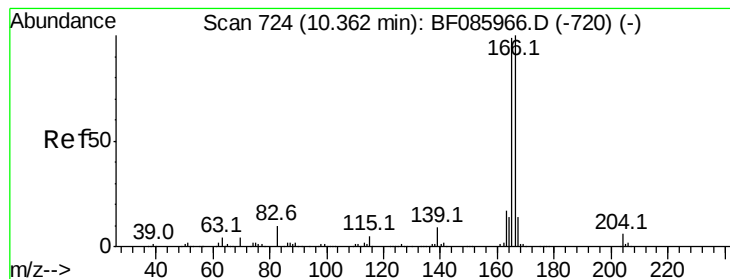
Sohil
4/7/2016 11:40:38 AM



#56
2,4-Dinitrotoluene
Concen: 26.30 ng
RT: 9.98 min Scan# 691
Delta R.T. -0.02 min
Lab File: BF086094.D
Acq: 6 Apr 2016 13:10

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	163087		
63	68.3	24.9	37.3#	
89	95.9	41.0	61.6#	
182	2.4	2.1	3.1	





#57

Fluorene

Concen: 25.66 ng

RT: 10.33 min Scan# 721

Delta R.T. -0.03 min

Lab File: BF086094.D

Acq: 6 Apr 2016 13:10

Instrument :

BNA_F

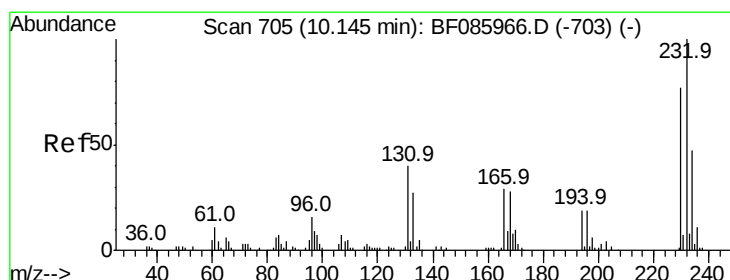
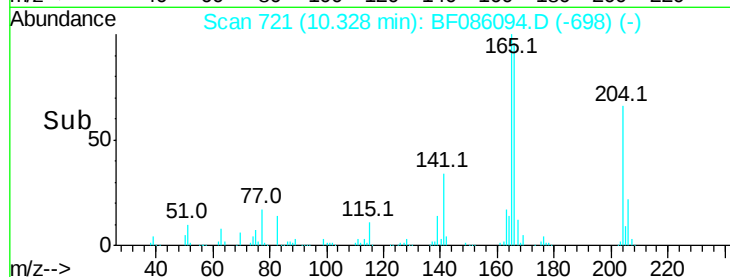
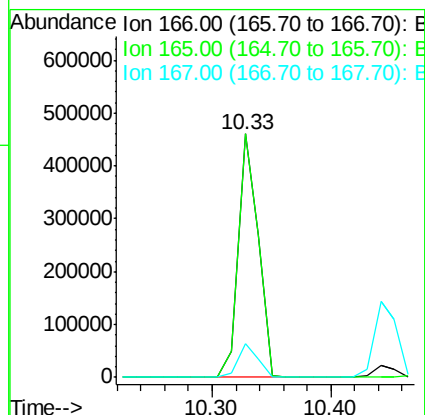
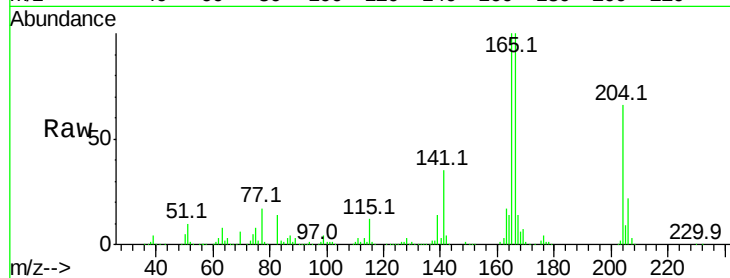
ClientSampleId :

PB89567BSD

Tot Ion	Ratio	Resp	Lower	Upper
166	100			
165	100.1	79.4	119.0	
167	14.1	11.0	16.4	

Manual Integrations
APPROVED

Sohil
4/7/2016 11:40:38 AM



#58

2,3,4,6-Tetrachlorophenol

Concen: 29.35 ng

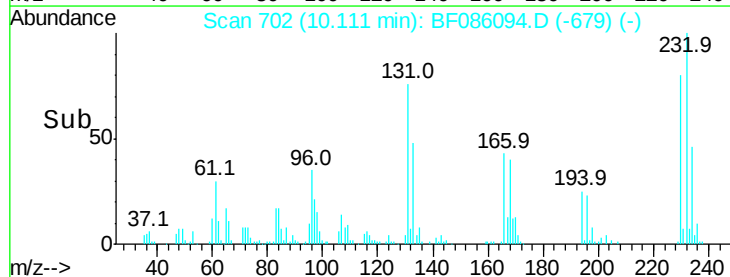
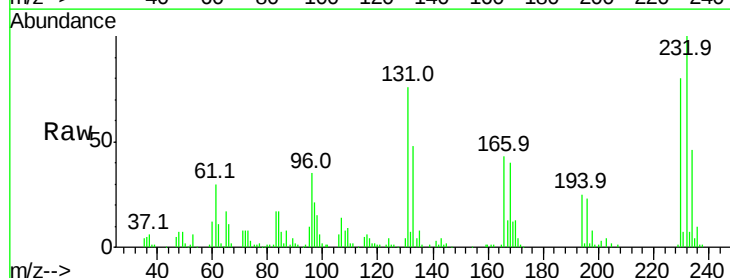
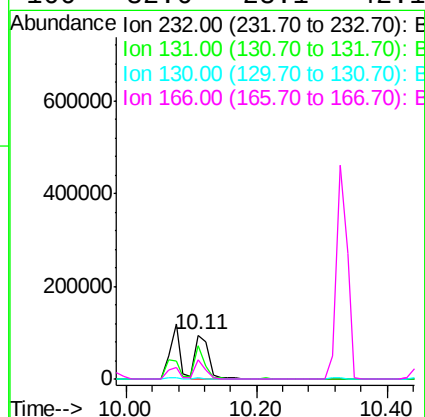
RT: 10.11 min Scan# 702

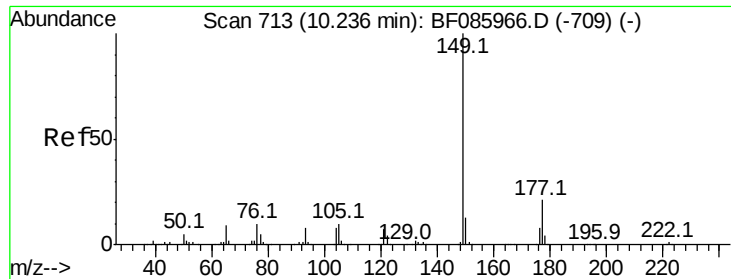
Delta R.T. -0.03 min

Lab File: BF086094.D

Acq: 6 Apr 2016 13:10

Tgt Ion	Ratio	Resp	Lower	Upper
232	100			
131	56.5	44.9	67.3	
130	2.5	2.3	3.5	
166	32.6	28.1	42.1	





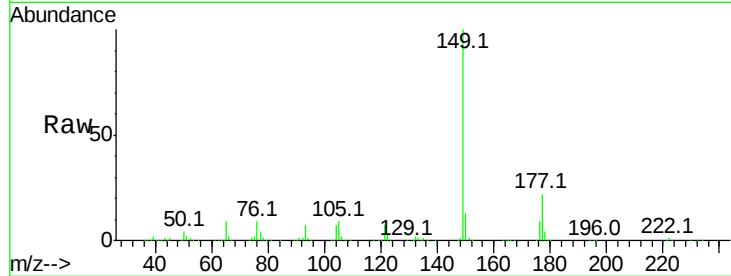
#59
Diethylphthalate
Concen: 28.07 ng
RT: 10.21 min Scan# 711
Delta R.T. -0.02 min
Lab File: BF086094.D
Acq: 6 Apr 2016 13:10

Instrument :
BNA_F
ClientSampleId :
PB89567BSD

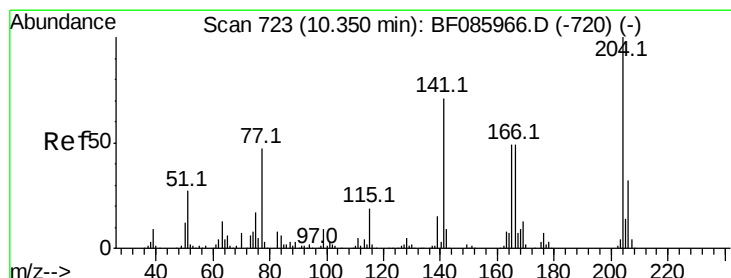
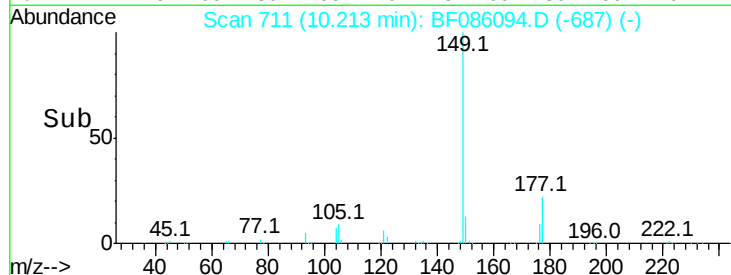
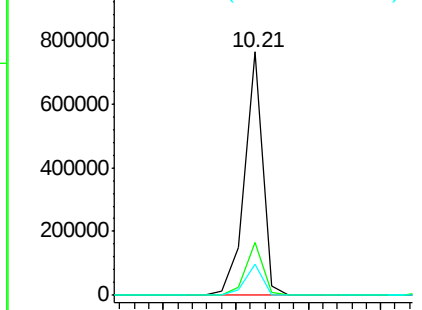
Tot Ion	Ratio	Resp	Lower	Upper
149	100	657202		
177	21.8		17.9	26.9
150	12.8		10.2	15.2

Manual Integrations
APPROVED

Sohil
4/7/2016 11:40:38 AM

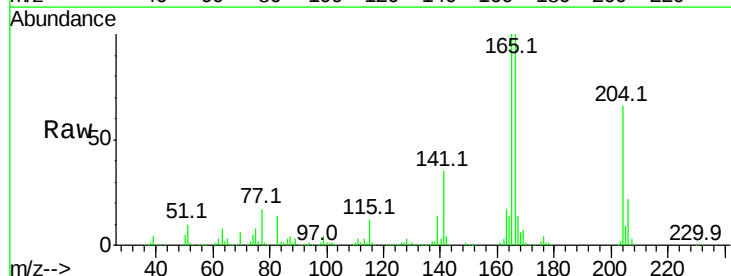


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

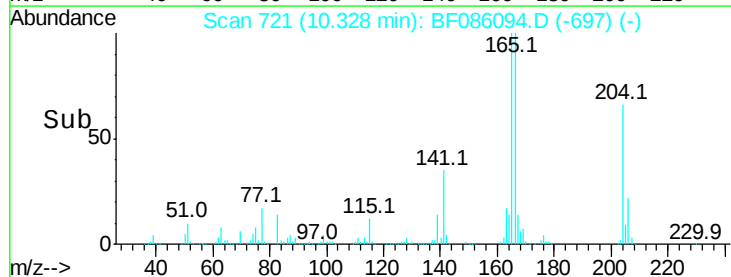
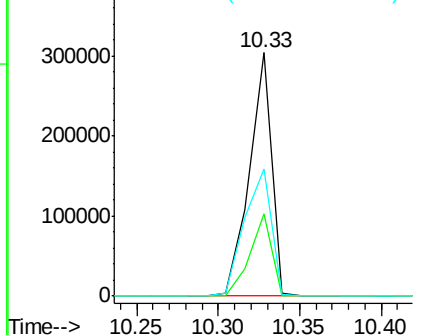


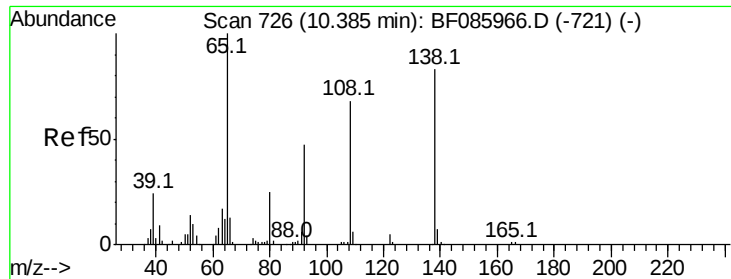
#60
4-Chlorophenyl-phenylether
Concen: 29.34 ng
RT: 10.33 min Scan# 721
Delta R.T. -0.02 min
Lab File: BF086094.D
Acq: 6 Apr 2016 13:10

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	287356		
206	33.6		26.6	39.8
141	52.2		57.4	86.0#



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





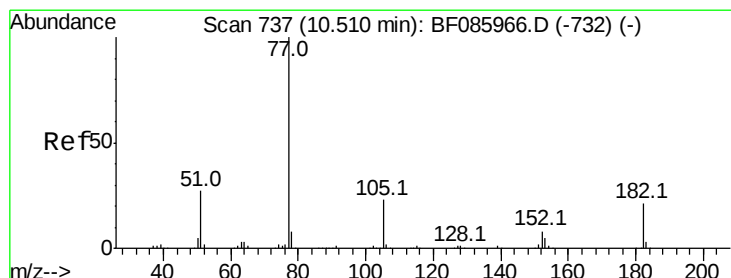
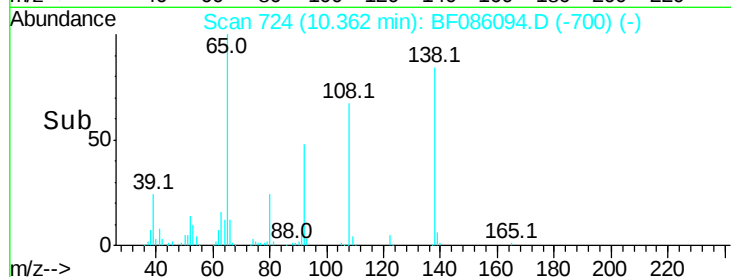
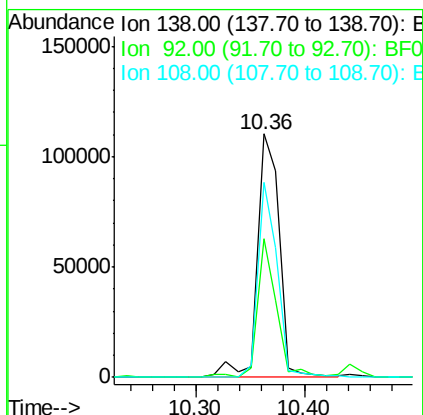
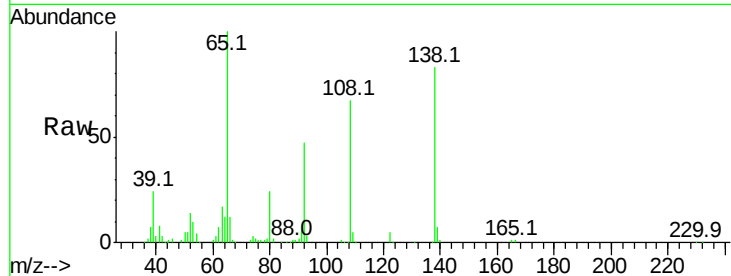
#61
4-Nitroaniline
Concen: 26.91 ng
RT: 10.36 min Scan# 724
Delta R.T. -0.02 min
Lab File: BF086094.D
Acq: 6 Apr 2016 13:10

Instrument :
BNA_F
ClientSampled :
PB89567BSD

Tot Ion	Ratio	Resp	Lower	Upper
138	100	156731		
92	56.8	26.4	66.4	
108	80.3	49.0	89.0	

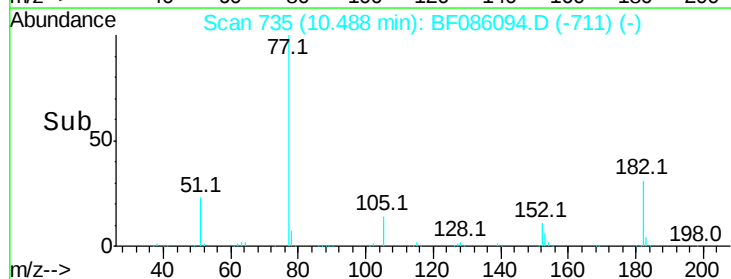
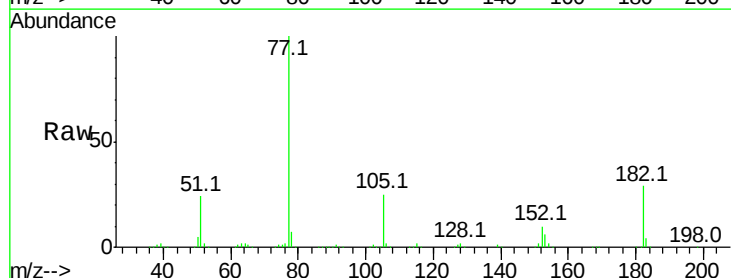
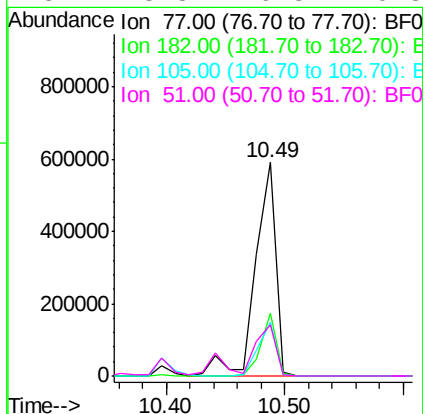
Manual Integrations
APPROVED

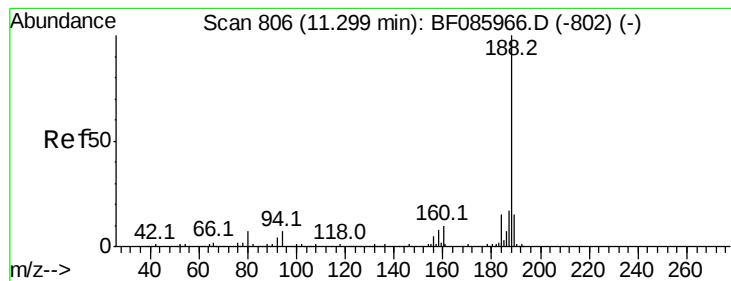
Sohil
4/7/2016 11:40:38 AM



#62
Azobenzene
Concen: 31.69 ng
RT: 10.49 min Scan# 735
Delta R.T. -0.02 min
Lab File: BF086094.D
Acq: 6 Apr 2016 13:10

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	710544		
182	29.1	1.9	41.9	
105	25.4	3.5	43.5	
51	23.8	6.3	46.3	





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.26 min Scan# 803

Delta R.T. -0.03 min

Lab File: BF086094.D

Acq: 6 Apr 2016 13:10

Instrument :

BNA_F

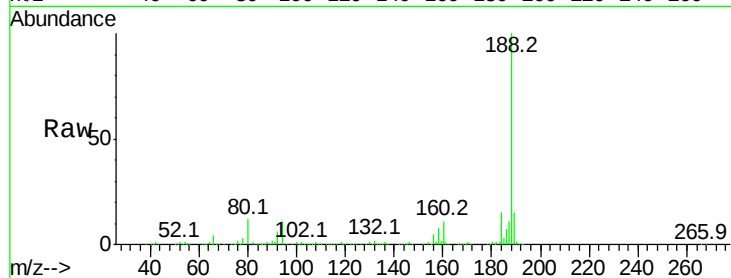
ClientSampleId :

PB89567BSD

Tot Ion:	188	Resp:	598180
Ion Ratio	Lower	Upper	
188	100		
94	10.8	5.4	8.0#
80	11.6	5.5	8.3#

Manual Integrations
APPROVED

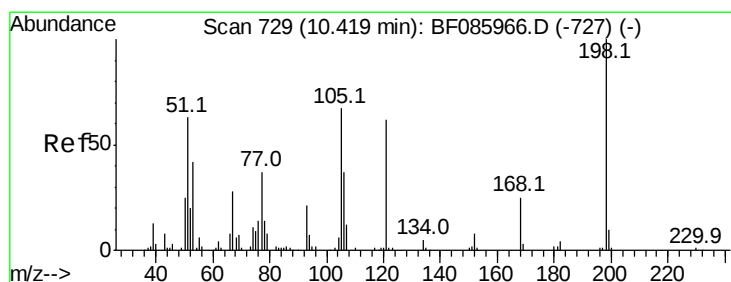
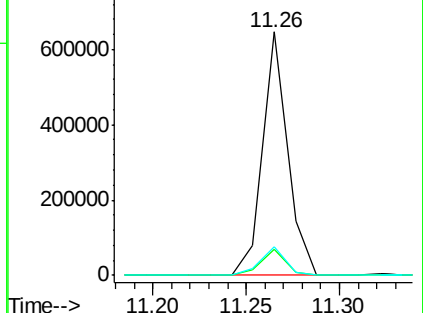
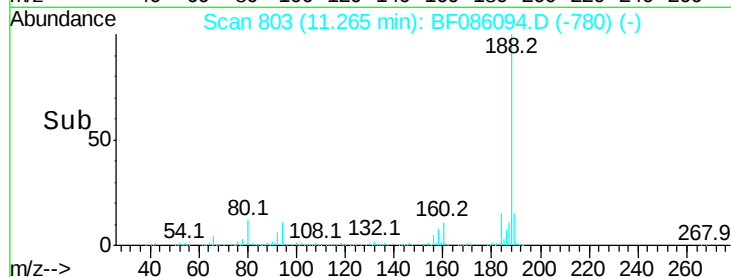
Sohil
4/7/2016 11:40:38 AM



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



#64

4,6-Dinitro-2-methylphenol

Concen: 26.24 ng

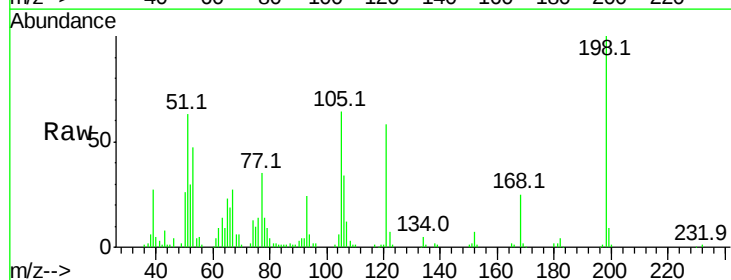
RT: 10.40 min Scan# 727

Delta R.T. -0.02 min

Lab File: BF086094.D

Acq: 6 Apr 2016 13:10

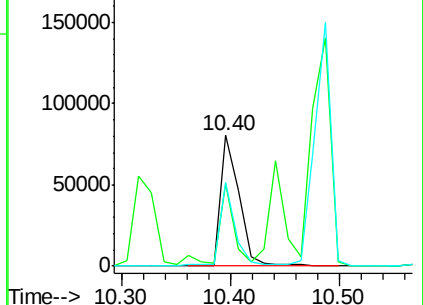
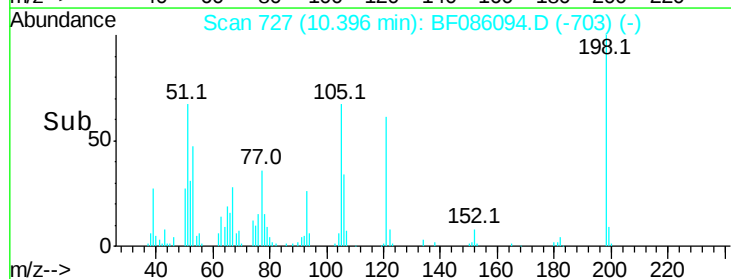
Tgt Ion:	198	Resp:	95133
Ion Ratio	Lower	Upper	
198	100		
51	63.3	45.4	85.4
105	63.7	45.9	85.9

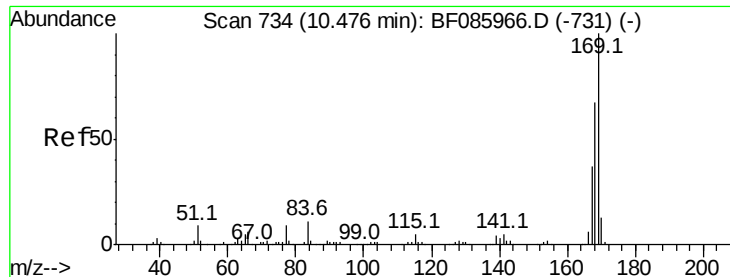


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 26.91 ng

RT: 10.44 min Scan# 731

Delta R.T. -0.03 min

Lab File: BF086094.D

Acq: 6 Apr 2016 13:10

Instrument :

BNA_F

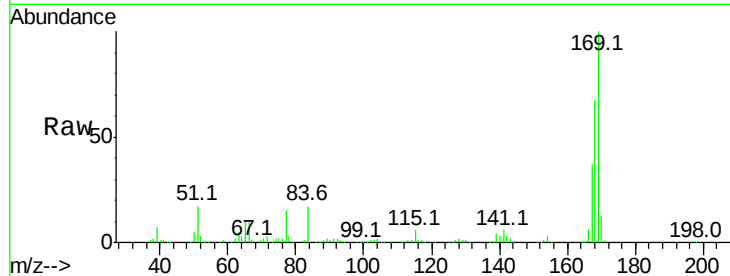
ClientSampleId :

PB89567BSD

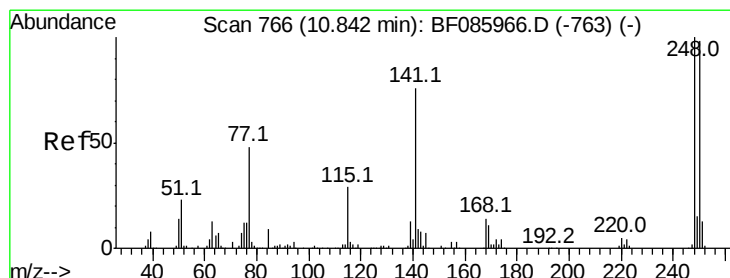
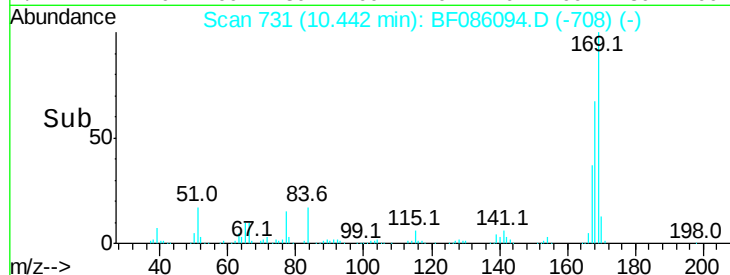
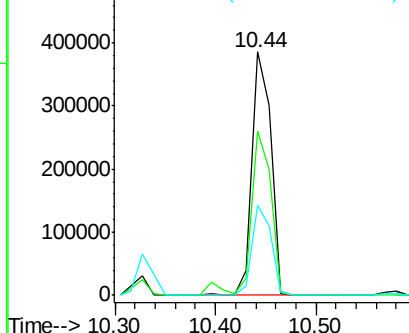
Tot Ion:	169	Resp:	503446
Ion Ratio	Lower	Upper	
169	100		
168	67.3	54.4	81.6
167	37.1	29.4	44.0

Manual Integrations
APPROVED

Sohil
4/7/2016 11:40:38 AM



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: 25.57 ng

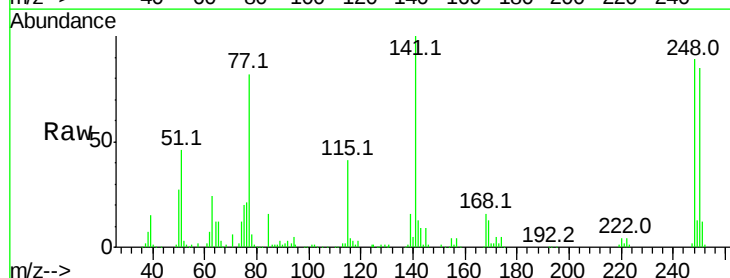
RT: 10.81 min Scan# 763

Delta R.T. -0.03 min

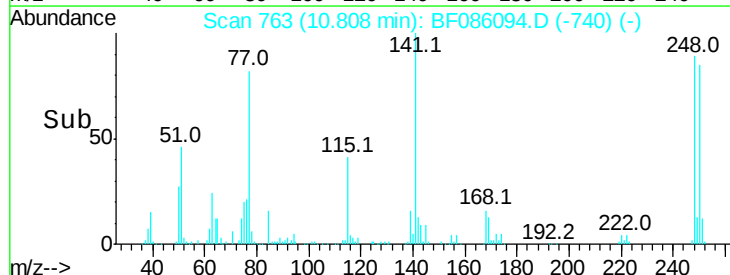
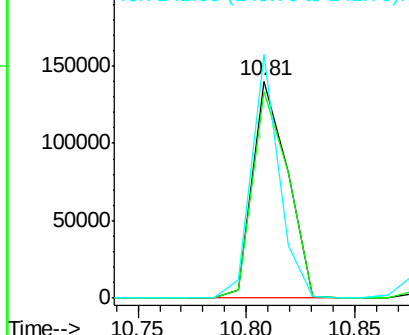
Lab File: BF086094.D

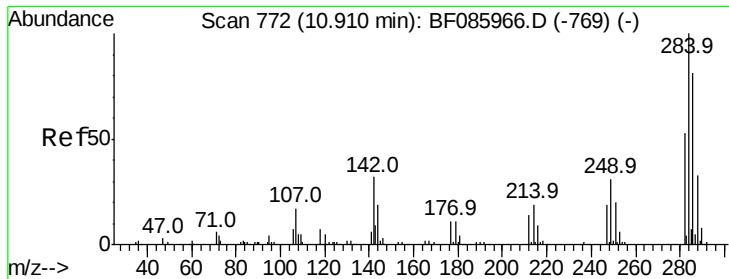
Acq: 6 Apr 2016 13:10

Tgt Ion:	248	Resp:	156155
Ion Ratio	Lower	Upper	
248	100		
250	95.1	77.4	116.0
141	112.3	63.6	95.4#



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: 25.79 ng

RT: 10.88 min Scan# 769

Delta R.T. -0.03 min

Lab File: BF086094.D

Acq: 6 Apr 2016 13:10

Instrument :

BNA_F

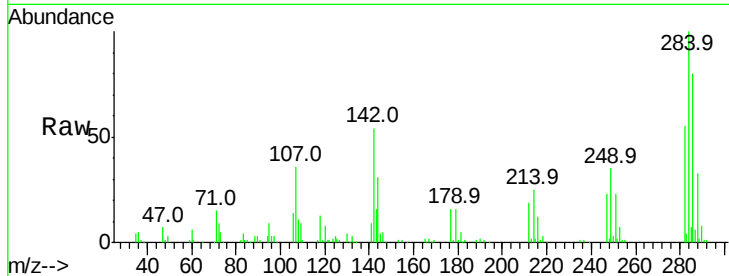
ClientSampleId :

PB89567BSD

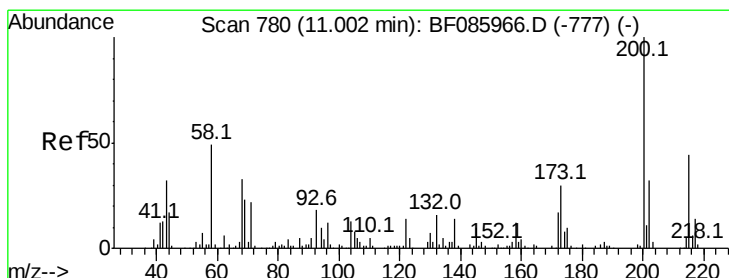
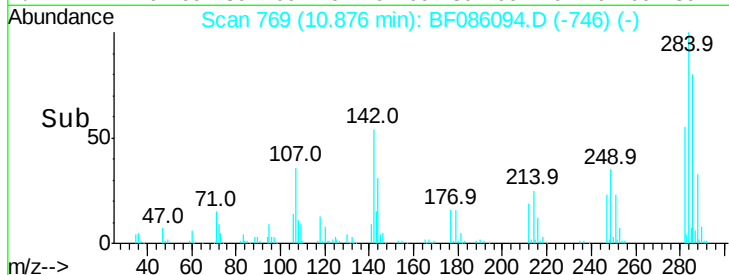
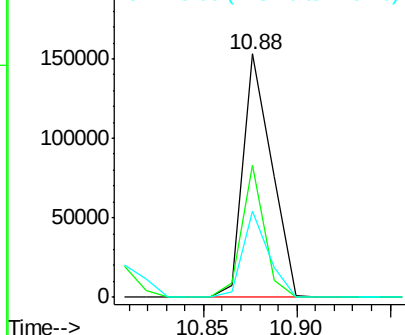
Tot Ion:	284	Resp:	162887
Ion Ratio	Lower	Upper	
284	100		
142	54.3	23.1	34.7#
249	35.4	24.2	36.2

Manual Integrations
APPROVED

Sohil
4/7/2016 11:40:38 AM



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



#68

Atrazine

Concen: 28.56 ng

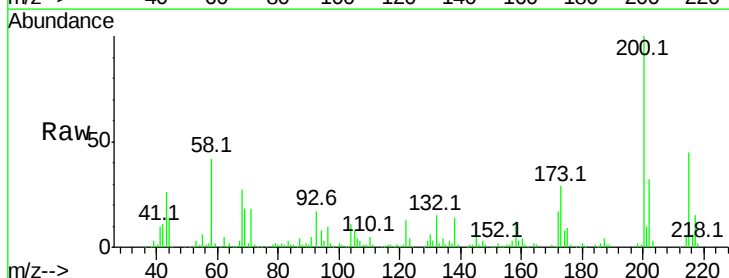
RT: 10.98 min Scan# 778

Delta R.T. -0.02 min

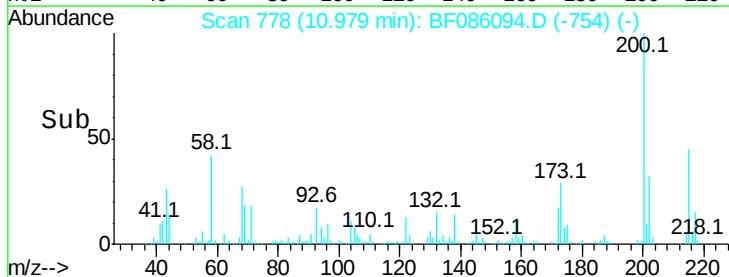
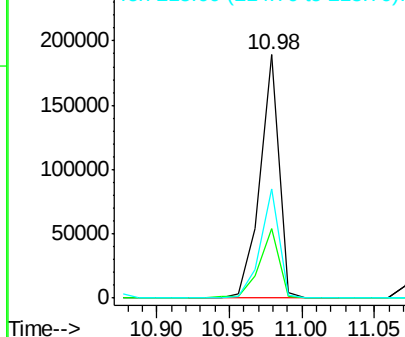
Lab File: BF086094.D

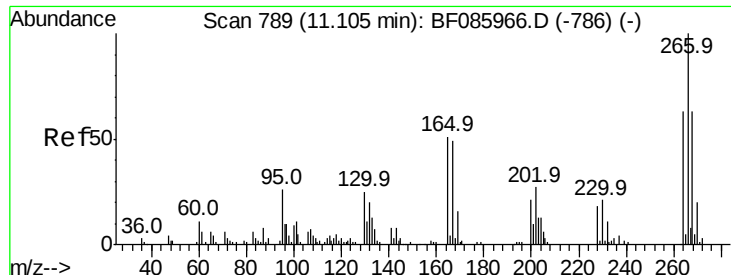
Acq: 6 Apr 2016 13:10

Tgt Ion:	200	Resp:	172627
Ion Ratio	Lower	Upper	
200	100		
173	28.7	7.7	47.7
215	45.0	25.4	65.4



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





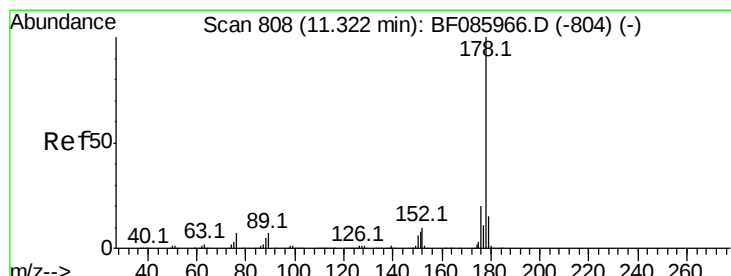
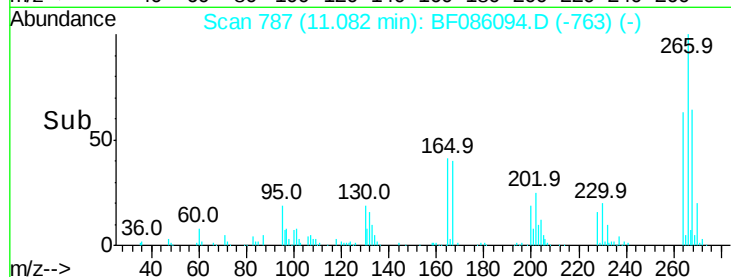
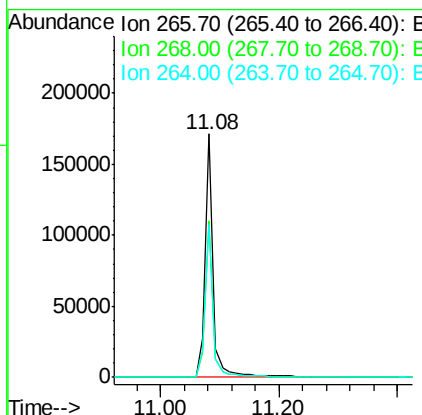
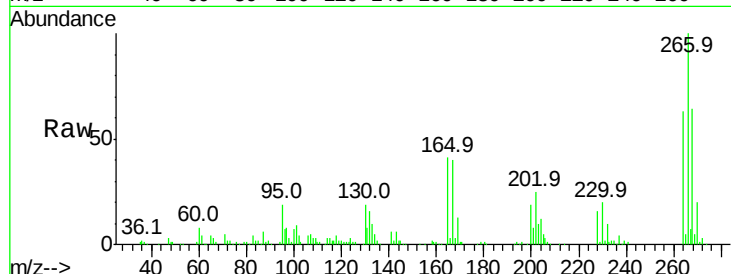
#69
 Pentachlorophenol
 Concen: 57.22 ng
 RT: 11.08 min Scan# 787
 Delta R.T. -0.02 min
 Lab File: BF086094.D
 Acq: 6 Apr 2016 13:10

Instrument :
 BNA_F
 ClientSampleId :
 PB89567BSD

Tot Ion	Ratio	Resp	Lower	Upper
266	100	169363		
268	64.2	51.5	77.3	
264	62.7	50.6	76.0	

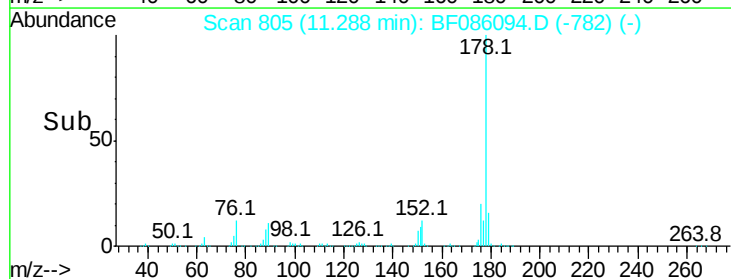
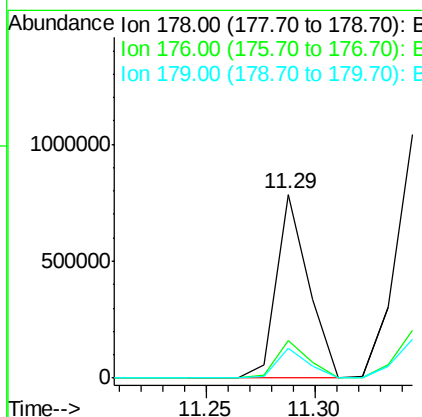
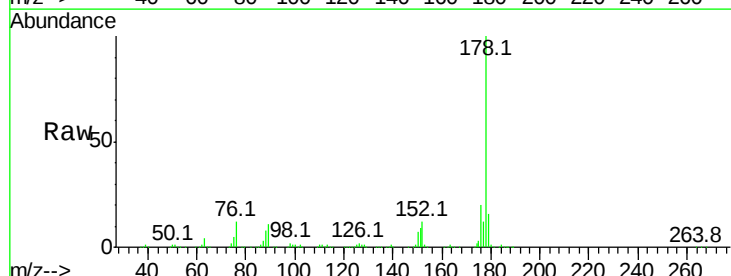
Manual Integrations
 APPROVED

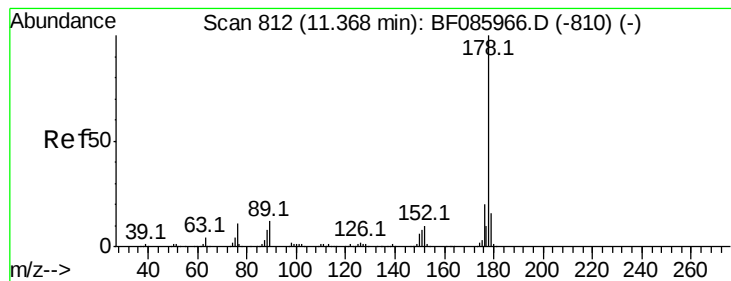
Sohil
 4/7/2016 11:40:38 AM



#70
 Phenanthrene
 Concen: 24.80 ng
 RT: 11.29 min Scan# 805
 Delta R.T. -0.03 min
 Lab File: BF086094.D
 Acq: 6 Apr 2016 13:10

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	809414		
176	20.3	16.3	24.5	
179	16.1	12.6	18.8	





#71

Anthracene

Concen: 27.90 ng

RT: 11.34 min Scan# 810

Delta R.T. -0.02 min

Lab File: BF086094.D

Acq: 6 Apr 2016 13:10

Instrument :

BNA_F

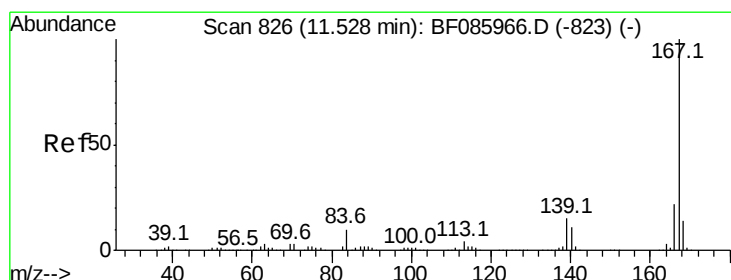
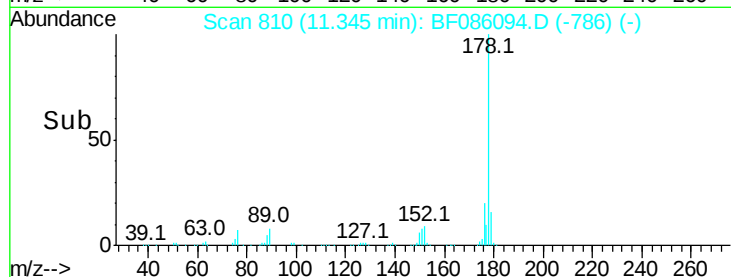
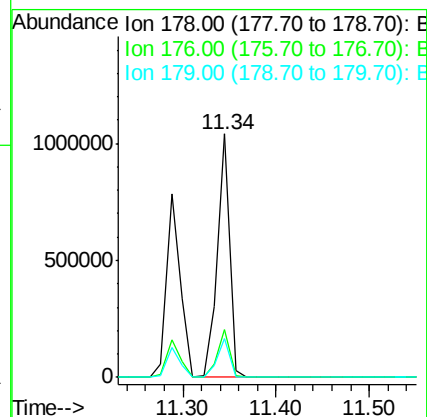
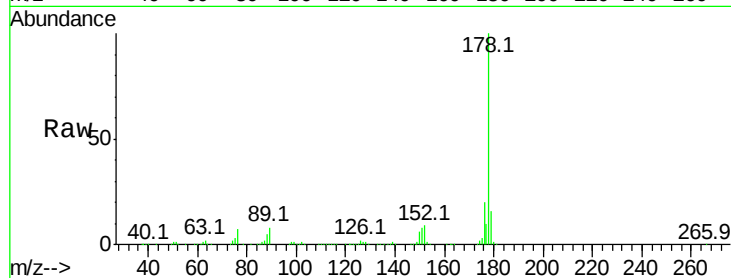
ClientSampleId :

PB89567BSD

Tot Ion:	178	Resp:	953822
Ion Ratio	Lower	Upper	
178	100		
176	19.8	15.9	23.9
179	15.8	13.0	19.4

Manual Integrations
APPROVED

Sohil
4/7/2016 11:40:38 AM



#72

Carbazole

Concen: 28.88 ng

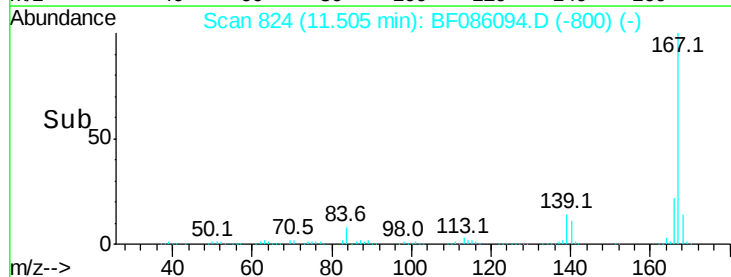
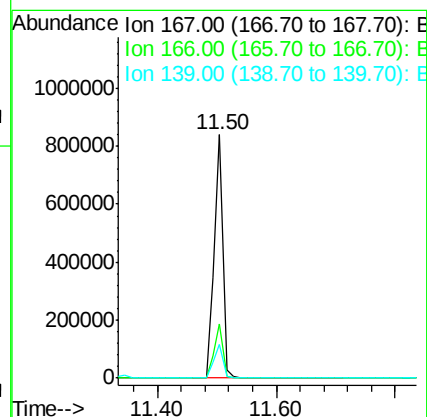
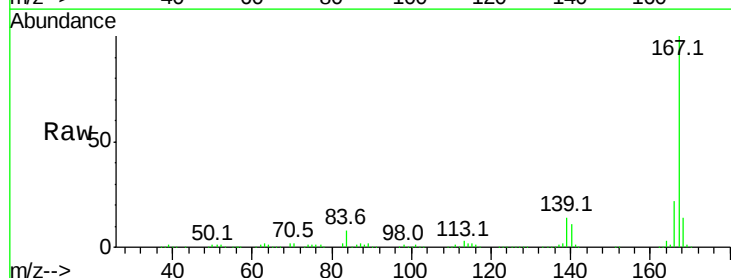
RT: 11.50 min Scan# 824

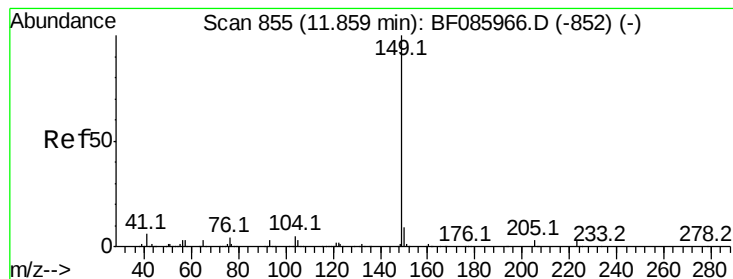
Delta R.T. -0.02 min

Lab File: BF086094.D

Acq: 6 Apr 2016 13:10

Tgt Ion:	167	Resp:	848770
Ion Ratio	Lower	Upper	
167	100		
166	22.1	17.8	26.8
139	13.6	11.6	17.4





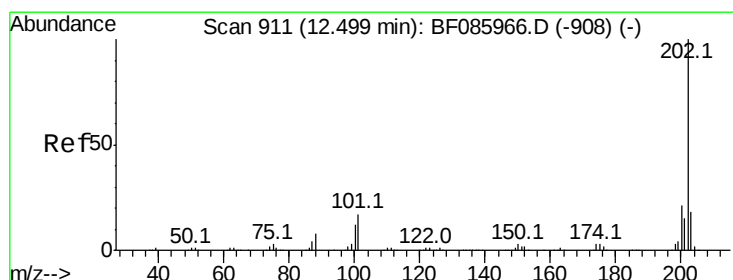
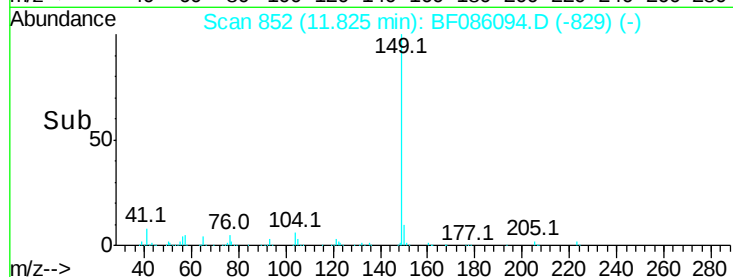
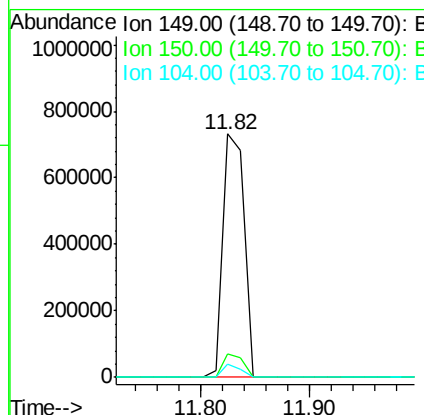
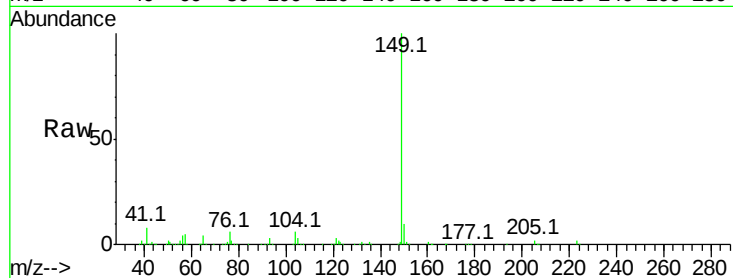
#73
Di-n-butylphthalate
Concen: 27.16 ng
RT: 11.82 min Scan# 852
Delta R.T. -0.03 min
Lab File: BF086094.D
Acq: 6 Apr 2016 13:10

Instrument :
BNA_F
ClientSampleId :
PB89567BSD

Tot Ion	Ratio	Resp	Lower	Upper
149	100			
150	9.7	7.6	11.4	
104	5.6	3.8	5.8	

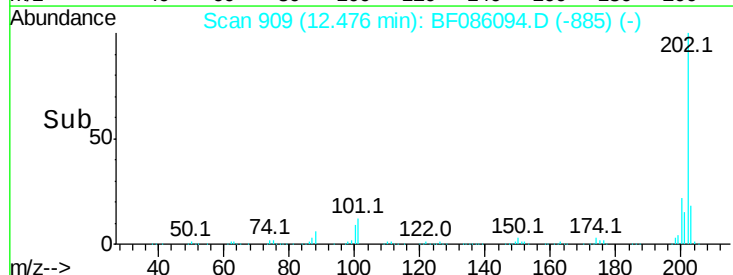
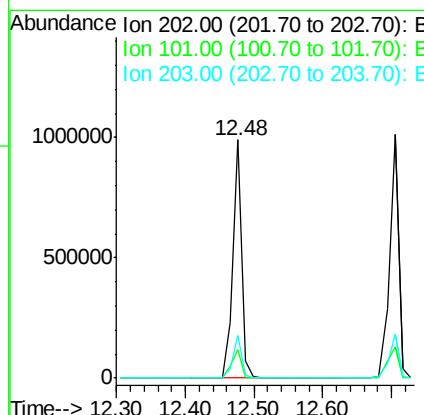
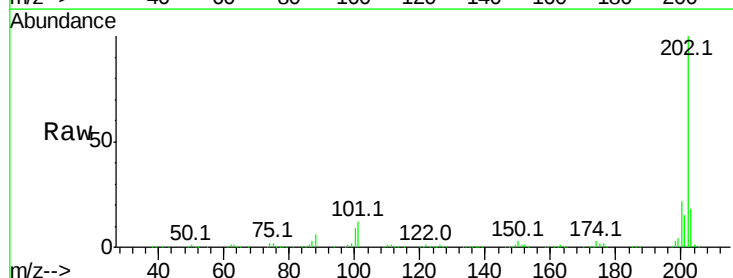
Manual Integrations
APPROVED

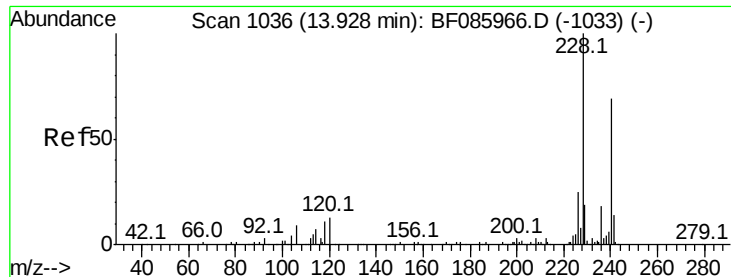
Sohil
4/7/2016 11:40:38 AM



#74
Fluoranthene
Concen: 26.42 ng
RT: 12.48 min Scan# 909
Delta R.T. -0.02 min
Lab File: BF086094.D
Acq: 6 Apr 2016 13:10

Tgt Ion	Ratio	Resp	Lower	Upper
202	100			
101	12.3	0.0	36.6	
203	17.9	0.0	38.1	





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.91 min Scan# 1034

Delta R.T. -0.02 min

Lab File: BF086094.D

Acq: 6 Apr 2016 13:10

Instrument :

BNA_F

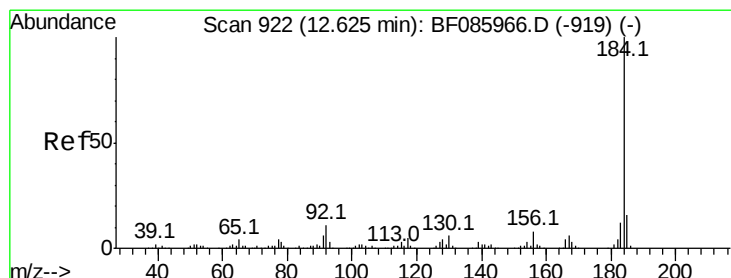
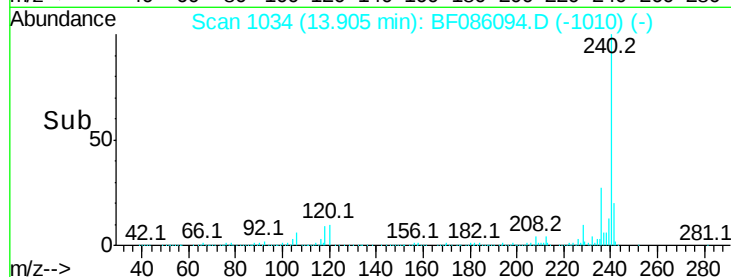
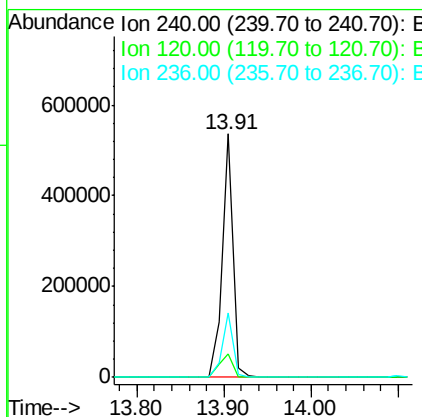
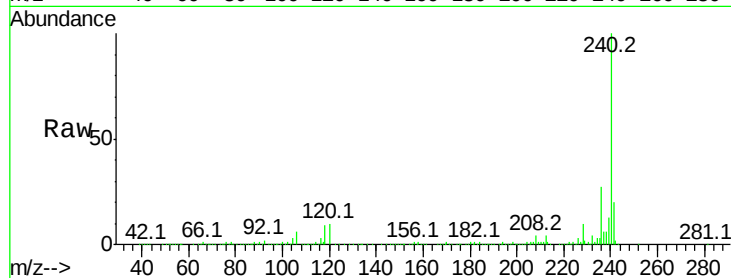
ClientSampleId :

PB89567BSD

Tot Ion	Ratio	Lower	Upper
240	100		
120	9.9	13.8	20.8#
236	26.7	20.6	30.8

Manual Integrations
APPROVED

Sohil
4/7/2016 11:40:38 AM



#76

Benzidine

Concen: 19.05 ng

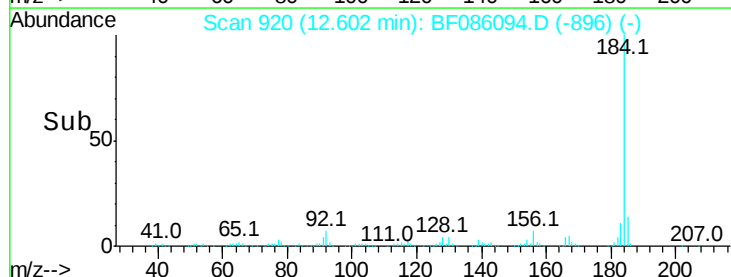
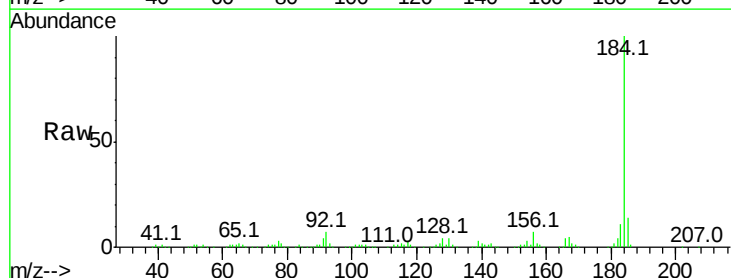
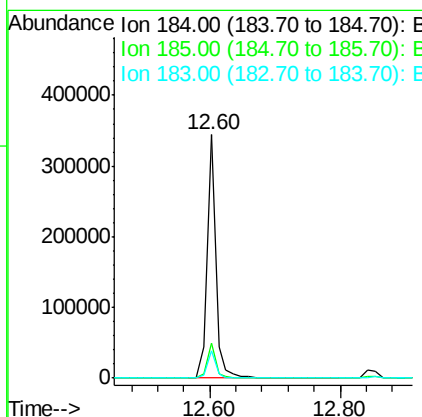
RT: 12.60 min Scan# 920

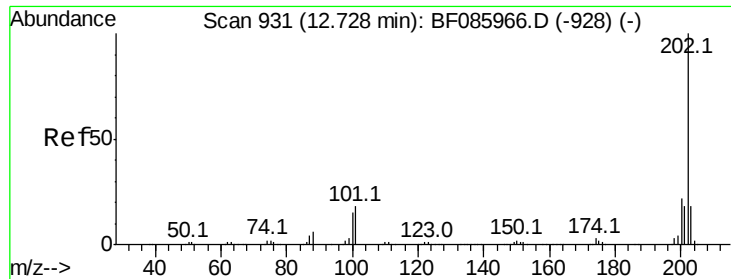
Delta R.T. -0.02 min

Lab File: BF086094.D

Acq: 6 Apr 2016 13:10

Tgt Ion	Ratio	Lower	Upper
184	100		
185	14.2	12.4	18.6
183	11.4	9.4	14.2





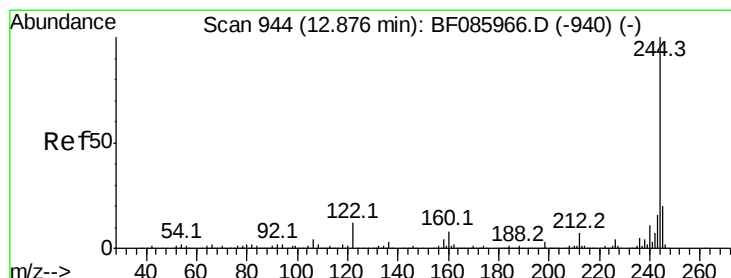
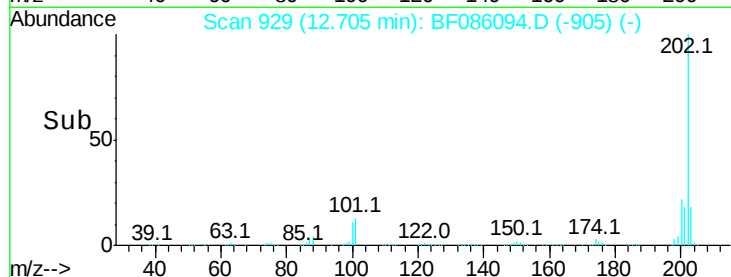
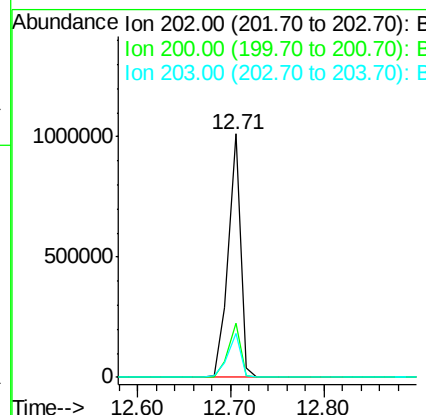
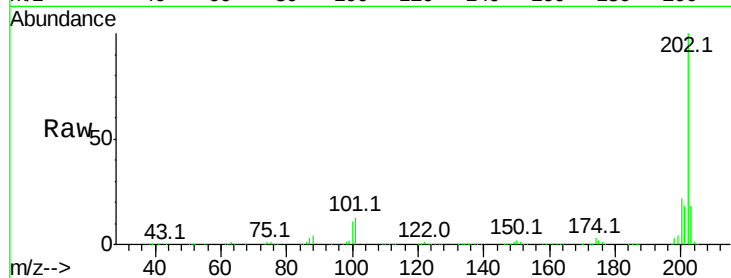
#77
Pvrene
Concen: 27.92 ng
RT: 12.71 min Scan# 929
Delta R.T. -0.02 min
Lab File: BF086094.D
Acq: 6 Apr 2016 13:10

Instrument :
BNA_F
ClientSampleId :
PB89567BSD

Tot Ion	Ratio	Resp Lower	Upper
202	100		
200	22.2	17.6	26.4
203	17.8	14.0	21.0

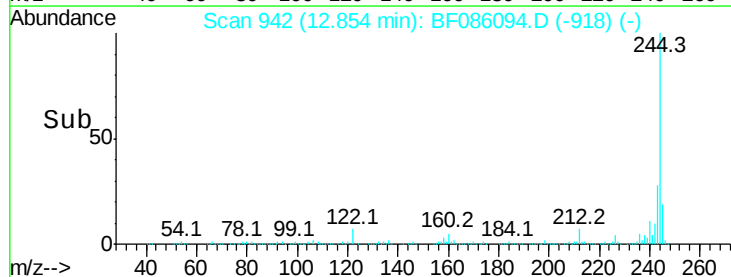
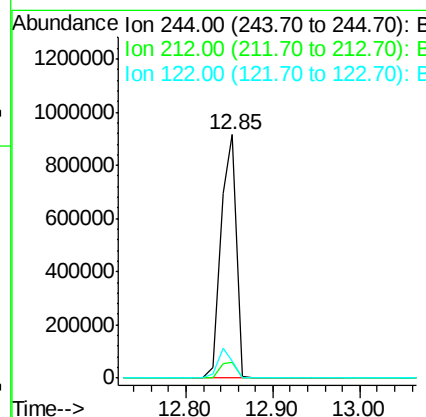
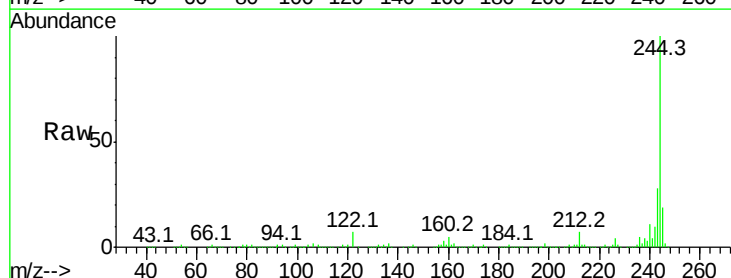
Manual Integrations
APPROVED

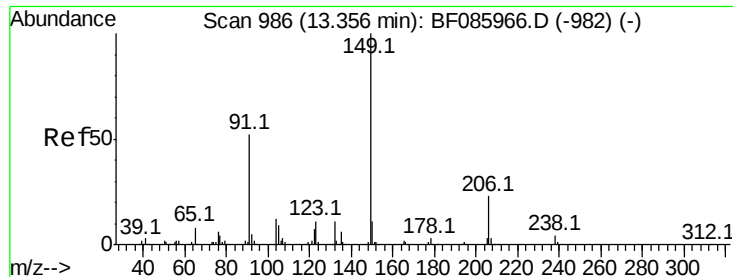
Sohil
4/7/2016 11:40:38 AM



#78
Terphenyl-d14
Concen: 56.77 ng
RT: 12.85 min Scan# 942
Delta R.T. -0.02 min
Lab File: BF086094.D
Acq: 6 Apr 2016 13:10

Tgt Ion	Ratio	Resp Lower	Upper
244	100		
212	6.6	6.1	9.1
122	7.0	10.2	15.4#





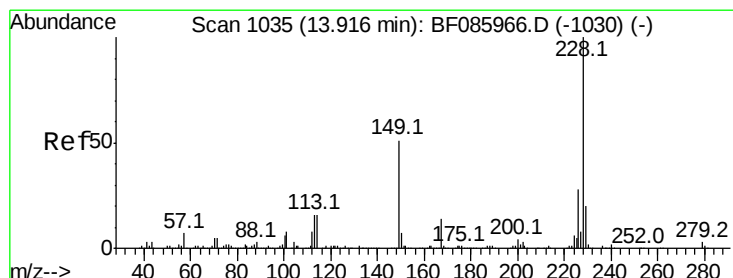
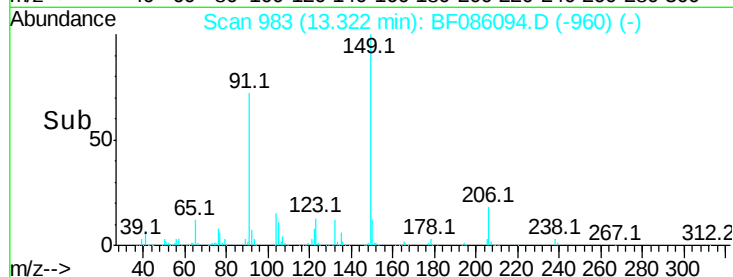
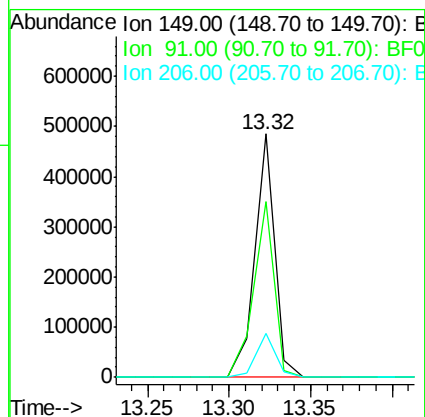
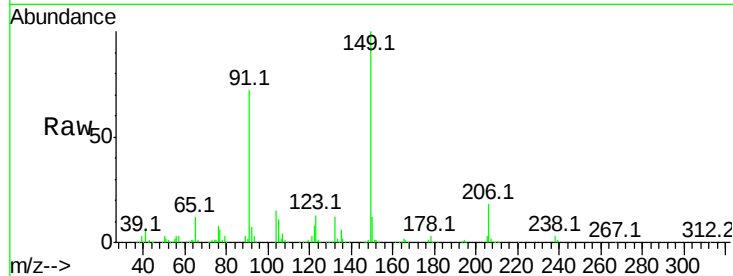
#79
Butylbenzylphthalate
Concen: 27.35 ng
RT: 13.32 min Scan# 983
Delta R.T. -0.03 min
Lab File: BF086094.D
Acq: 6 Apr 2016 13:10

Instrument :
BNA_F
ClientSampleId :
PB89567BSD

Tot Ion	Ratio	Resp	Lower	Upper
149	100			
91	72.1	45.8	68.8#	
206	17.9	17.8	26.8	

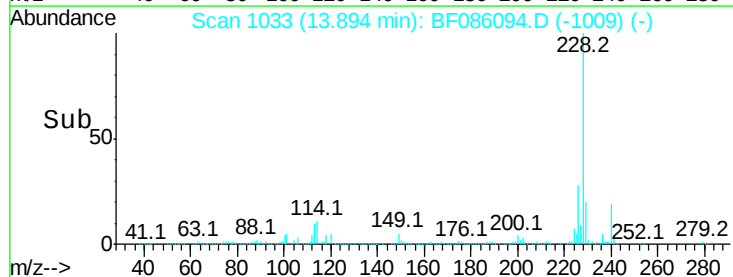
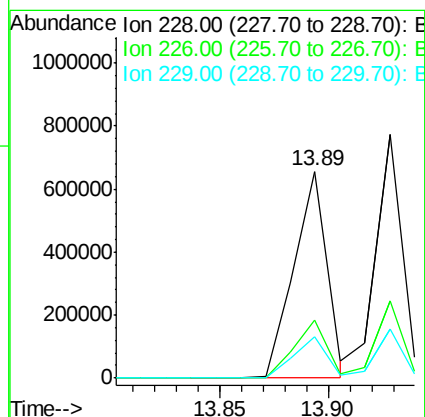
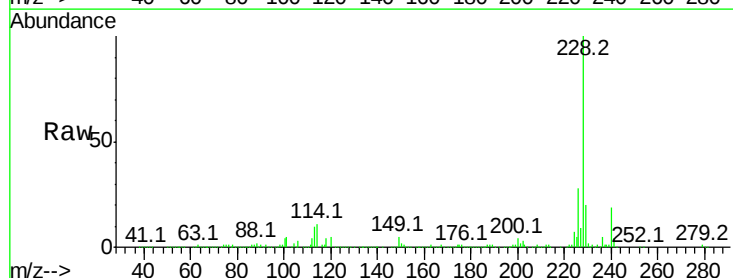
Manual Integrations
APPROVED

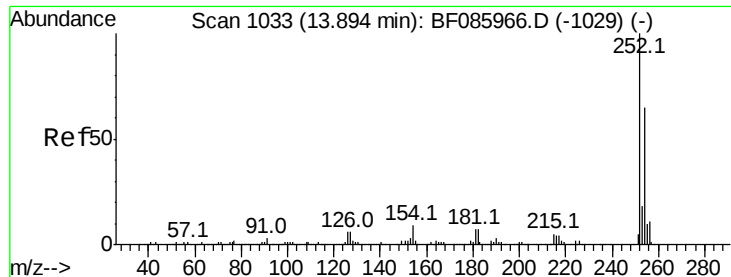
Sohil
4/7/2016 11:40:38 AM



#80
Benzo(a)anthracene
Concen: 24.95 ng
RT: 13.89 min Scan# 1033
Delta R.T. -0.02 min
Lab File: BF086094.D
Acq: 6 Apr 2016 13:10

Tgt Ion	Ratio	Resp	Lower	Upper
228	100			
226	28.3	22.1	33.1	
229	19.8	16.2	24.4	





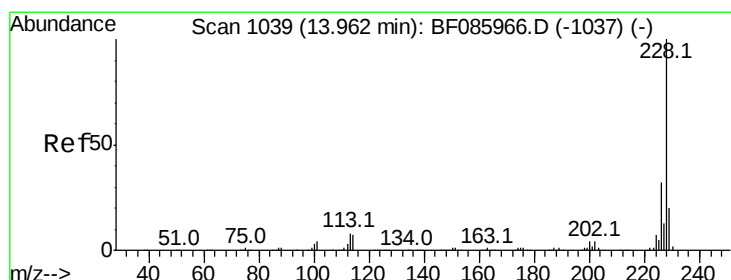
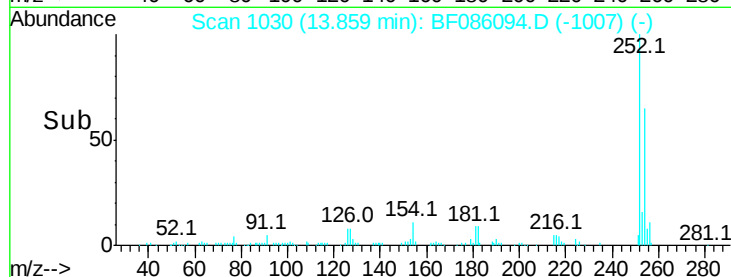
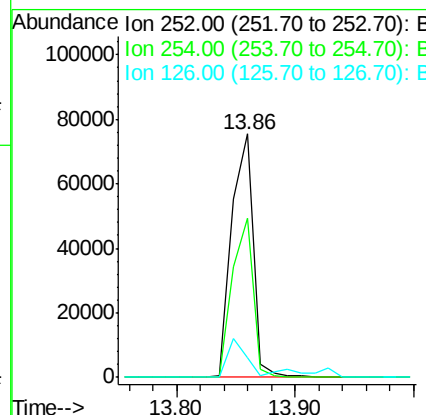
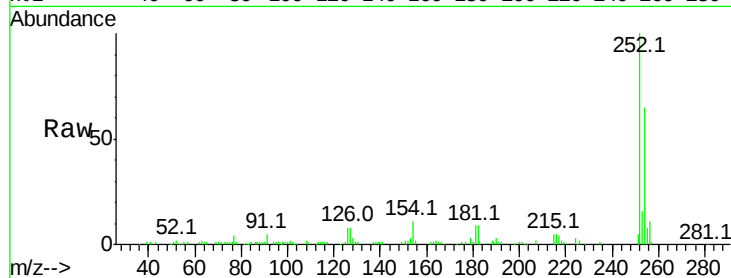
#81
 3,3'-Dichlorobenzidine
 Concen: 4.63 ng
 RT: 13.86 min Scan# 1030
 Delta R.T. -0.03 min
 Lab File: BF086094.D
 Acq: 6 Apr 2016 13:10

Instrument :
 BNA_F
 ClientSampleId :
 PB89567BSD

Tot Ion	Ratio	Resp	Lower	Upper
252	100	94295		
254	65.3	50.7	76.1	
126	8.1	11.8	17.6	

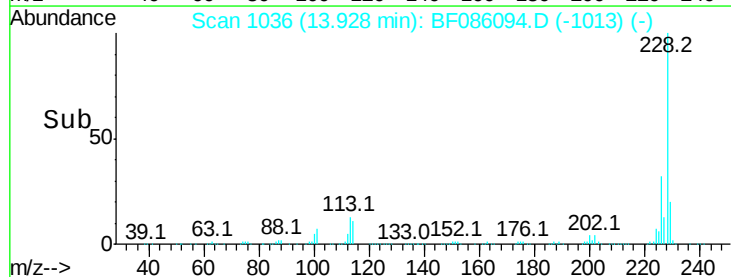
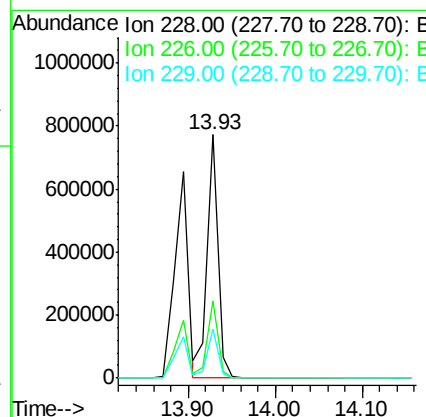
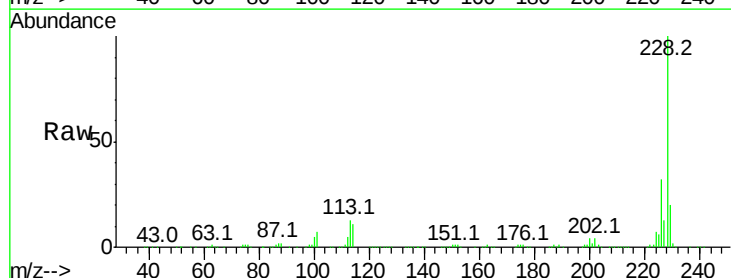
Manual Integrations
 APPROVED

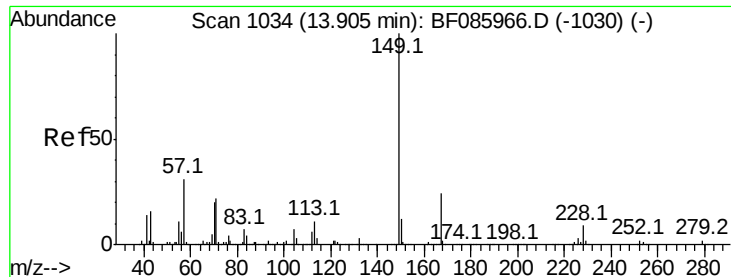
Sohil
 4/7/2016 11:40:38 AM



#82
 Chrysene
 Concen: 24.68 ng
 RT: 13.93 min Scan# 1036
 Delta R.T. -0.03 min
 Lab File: BF086094.D
 Acq: 6 Apr 2016 13:10

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	662275		
226	31.6	25.0	37.6	
229	20.2	15.7	23.5	





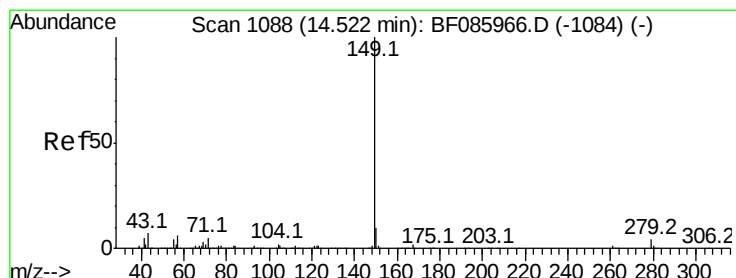
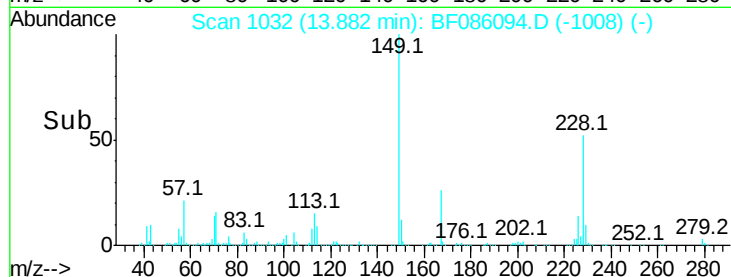
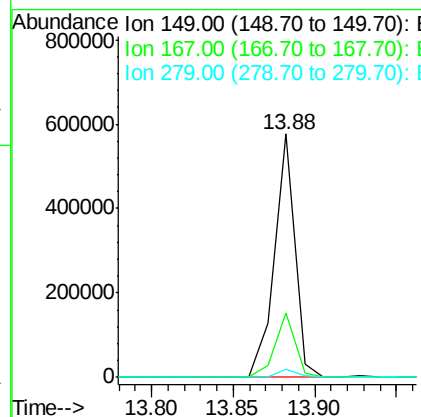
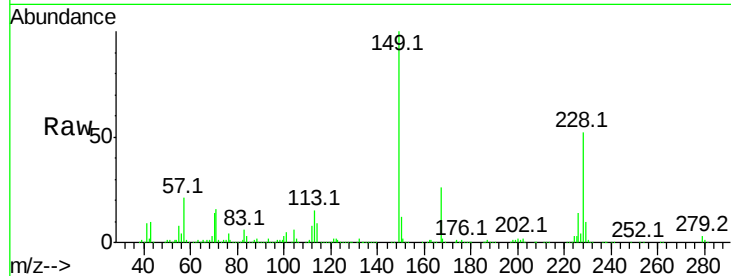
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 25.45 ng
 RT: 13.88 min Scan# 1032
 Delta R.T. -0.02 min
 Lab File: BF086094.D
 Acq: 6 Apr 2016 13:10

Instrument :
 BNA_F
 ClientSampleId :
 PB89567BSD

Tot Ion	Ratio	Resp Lower	Upper
149	100		
167	26.3	19.4	29.2
279	3.2	1.5	2.3#

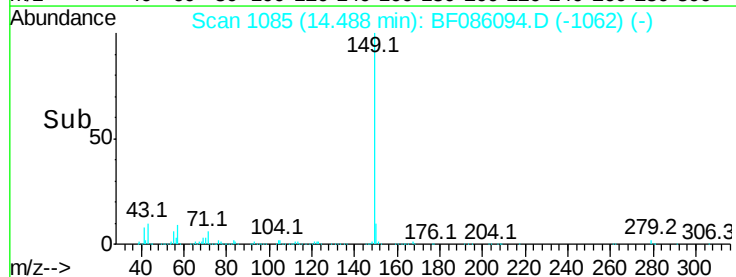
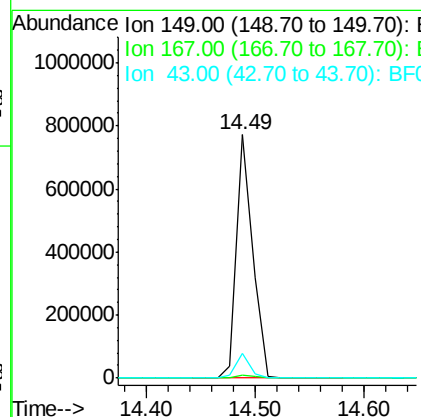
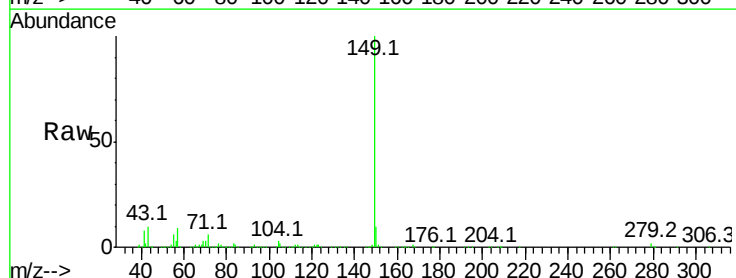
Manual Integrations
 APPROVED

Sohil
 4/7/2016 11:40:38 AM



#84
 Di-n-octyl phthalate
 Concen: 24.66 ng
 RT: 14.49 min Scan# 1085
 Delta R.T. -0.03 min
 Lab File: BF086094.D
 Acq: 6 Apr 2016 13:10

Tgt Ion	Ratio	Resp Lower	Upper
149	100		
167	1.5	1.2	1.8
43	8.7	7.1	10.7





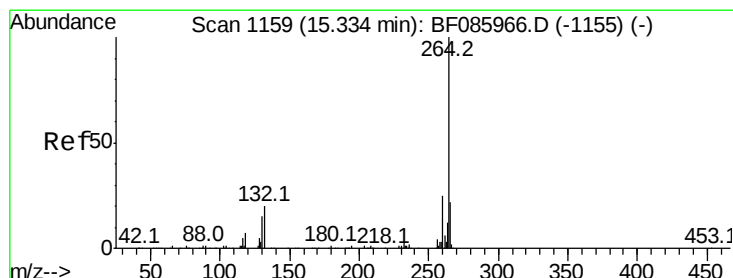
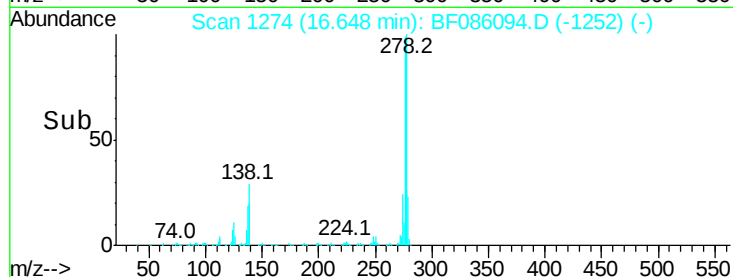
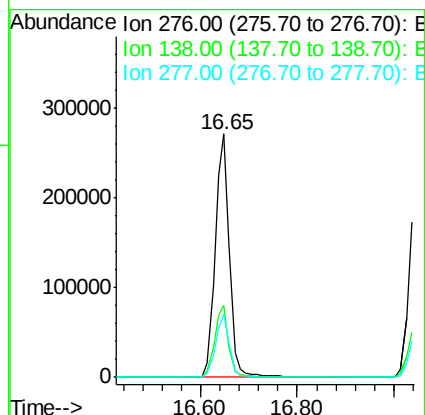
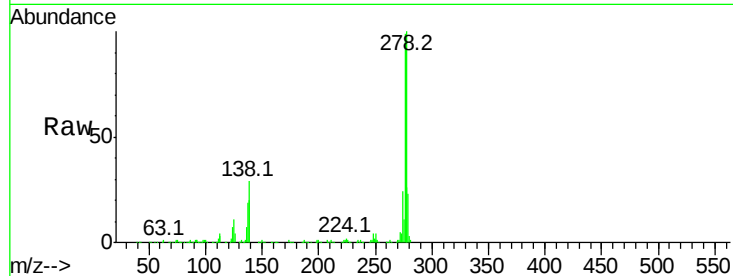
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 25.97 ng
 RT: 16.65 min Scan# 1274
 Delta R.T. -0.05 min
 Lab File: BF086094.D
 Acq: 6 Apr 2016 13:10

Instrument :
 BNA_F
 ClientSampleId :
 PB89567BSD

Tot Ion:	276	Resp:	565427
Ion Ratio	Lower	Upper	
276	100		
138	28.9	24.2	36.4
277	25.2	20.0	30.0

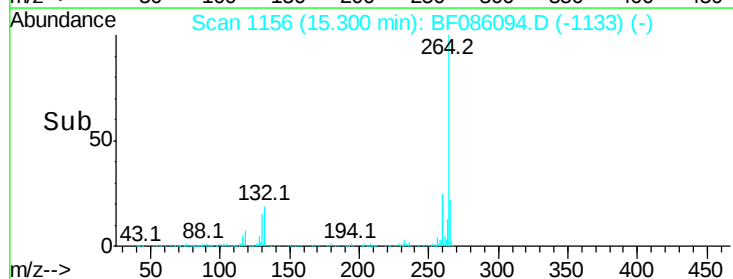
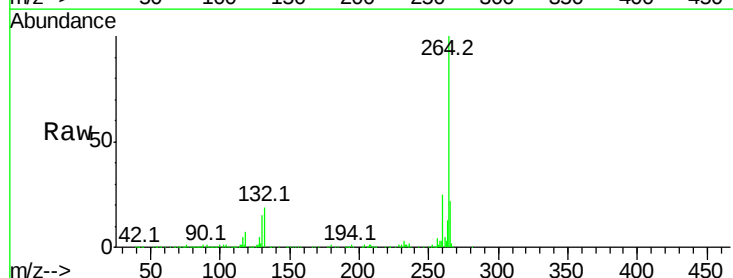
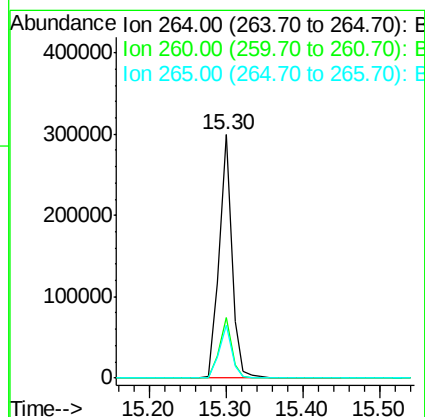
Manual Integrations
 APPROVED

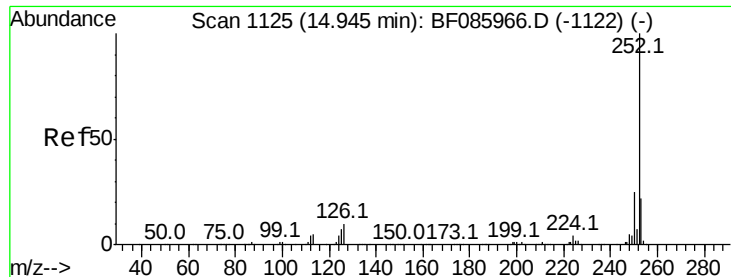
Sohil
 4/7/2016 11:40:38 AM



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.30 min Scan# 1156
 Delta R.T. -0.03 min
 Lab File: BF086094.D
 Acq: 6 Apr 2016 13:10

Tgt Ion:	264	Resp:	347770
Ion Ratio	Lower	Upper	
264	100		
260	25.1	19.4	29.2
265	21.6	17.2	25.8





#87

Benzo(b)fluoranthene

Concen: 29.37 ng m

RT: 14.91 min Scan# 1122

Delta R.T. -0.03 min

Lab File: BF086094.D

Acq: 6 Apr 2016 13:10

Instrument :

BNA_F

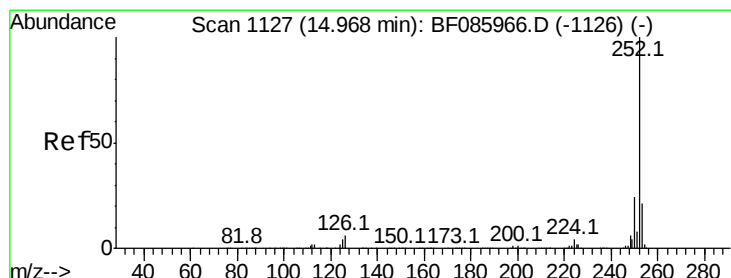
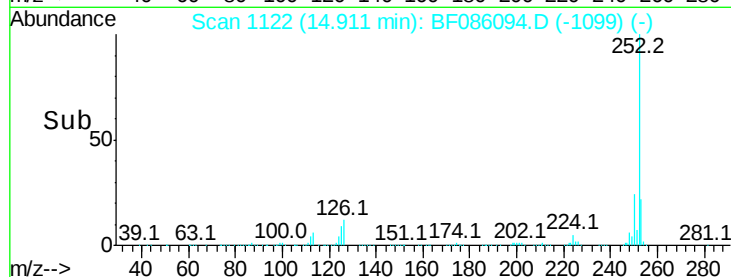
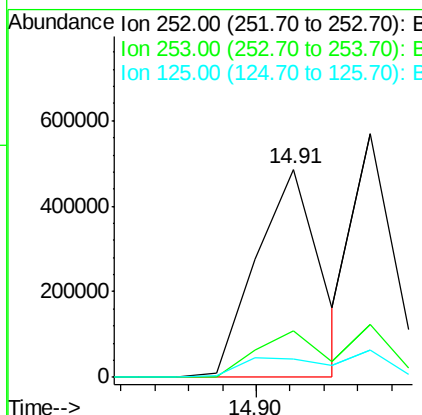
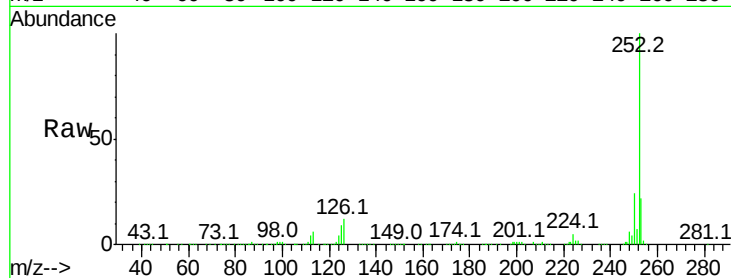
ClientSampleId :

PB89567BSD

Tot Ion:	252	Resp:	642591
Ion Ratio	Lower	Upper	
252	100		
253	22.3	17.6	26.4
125	8.8	10.3	15.5#

Manual Integrations
APPROVED

Sohil
4/7/2016 11:40:38 AM



#88

Benzo(k)fluoranthene

Concen: 24.87 ng m

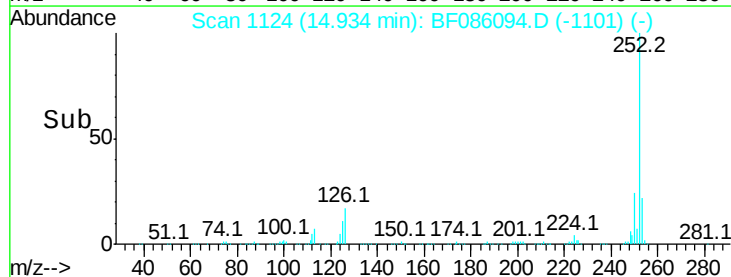
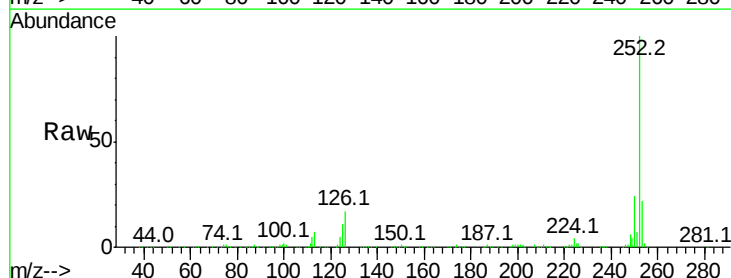
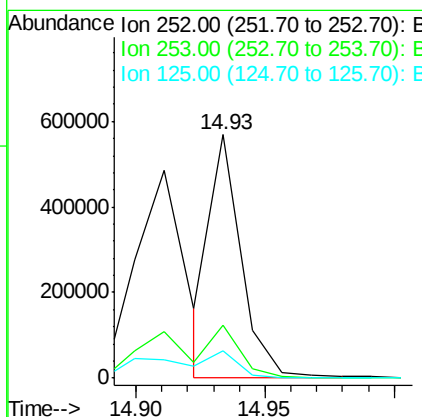
RT: 14.93 min Scan# 1124

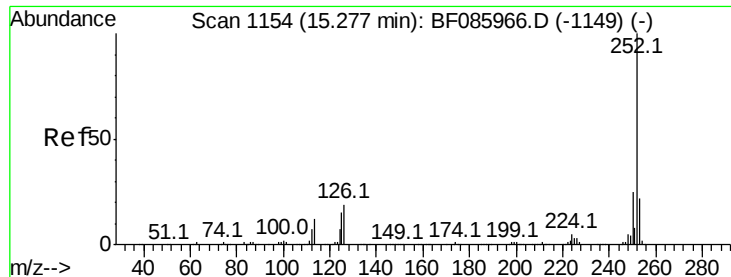
Delta R.T. -0.03 min

Lab File: BF086094.D

Acq: 6 Apr 2016 13:10

Tgt Ion:	252	Resp:	481868
Ion Ratio	Lower	Upper	
252	100		
253	21.8	17.8	26.6
125	11.2	7.7	11.5





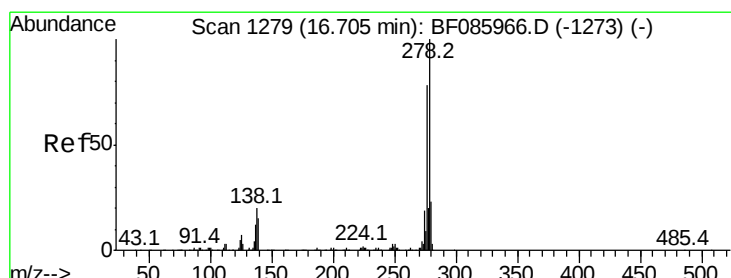
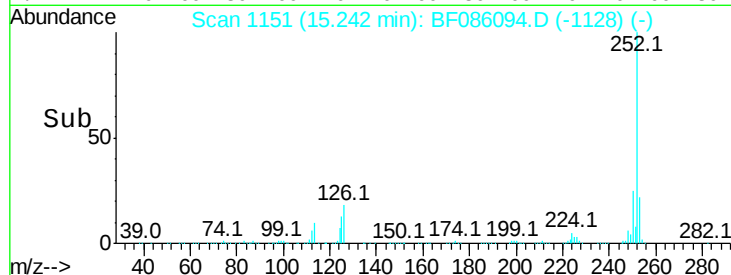
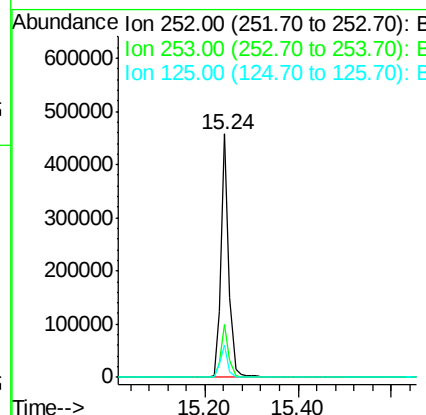
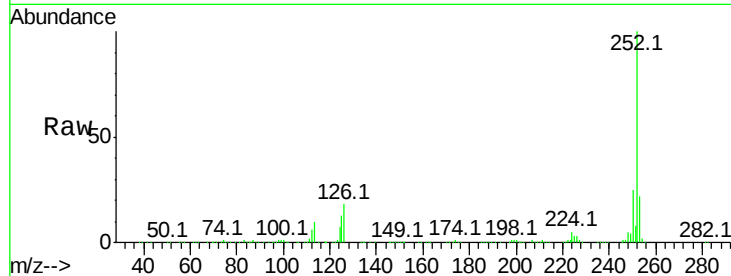
#89
Benzo(a)pyrene
Concen: 27.37 ng
RT: 15.24 min Scan# 1151
Delta R.T. -0.03 min
Lab File: BF086094.D
Acq: 6 Apr 2016 13:10

Instrument :
BNA_F
ClientSampleId :
PB89567BSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.4	26.0
125	13.2	10.3	15.5

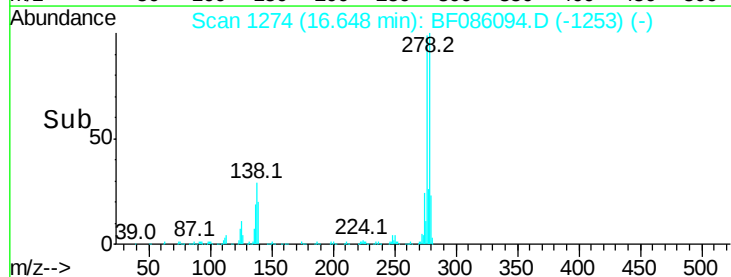
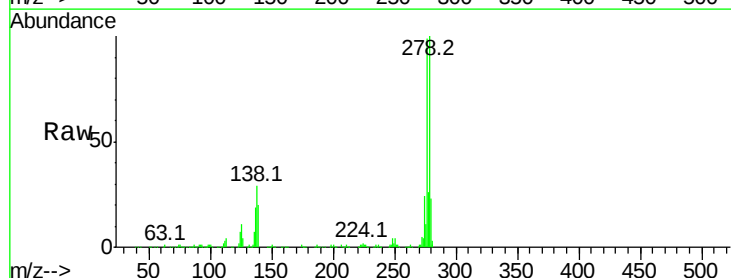
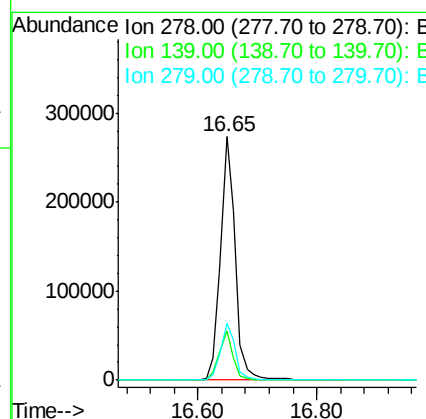
Manual Integrations
APPROVED

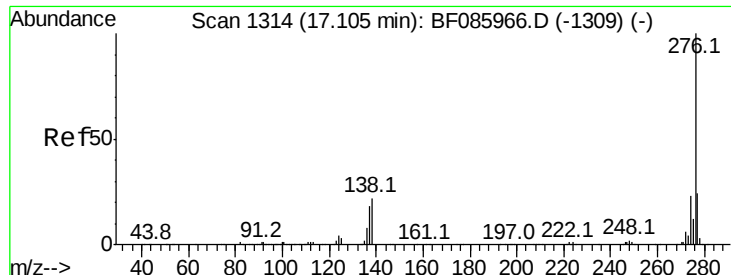
Sohil
4/7/2016 11:40:38 AM



#90
Dibenzo(a,h)anthracene
Concen: 30.21 ng
RT: 16.65 min Scan# 1274
Delta R.T. -0.06 min
Lab File: BF086094.D
Acq: 6 Apr 2016 13:10

Tgt Ion	Ratio	Lower	Upper
278	100		
139	20.0	14.4	21.6
279	23.4	19.1	28.7





#91
 Benzo(a,h,i)perylene
 Concen: 31.72 ng
 RT: 17.05 min Scan# 1309
 Delta R.T. -0.06 min
 Lab File: BF086094.D
 Acq: 6 Apr 2016 13:10

Instrument :
 BNA_F
 ClientSampleId :
 PB89567BSD

Tot Ion:	276	Resp:	478762
Ion Ratio	Lower	Upper	
276	100		
277	24.0	18.8	28.2
138	25.6	22.6	34.0

Manual Integrations
 APPROVED

Sohil
 4/7/2016 11:40:38 AM

