

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032816\
 Data File : BF085807.D
 Acq On : 28 Mar 2016 17:54
 Operator : UM/SJ
 Sample : PB89249BS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB89249BS

Manual Integrations
 APPROVED

Sohil
 3/29/2016 7:53:44 PM

Quant Time: Mar 29 15:48:02 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF032416.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 28 15:27:05 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	105214	20.00	ng	-0.01
21) Naphthalene-d8	8.10	136	429659	20.00	ng	-0.01
38) Acenaphthene-d10	9.85	164	183291	20.00	ng	-0.01
63) Phenanthrene-d10	11.34	188	344772	20.00	ng	-0.01
75) Chrysene-d12	13.98	240	215386	20.00	ng	0.00
86) Perylene-d12	15.40	264	177799	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.42	112	732869	116.01	ng	0.01
7) Phenol-d6	6.46	99	946093	117.79	ng	0.00
23) Nitrobenzene-d5	7.38	82	595589	78.06	ng	-0.01
41) 2,4,6-Tribromophenol	10.65	330	259325	148.91	ng	0.00
44) 2-Fluorobiphenyl	9.18	172	1006047	91.70	ng	-0.01
78) Terphenyl-d14	12.93	244	1000156	95.50	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.46	88	105832	35.08	ng	98
3) Pyridine	3.17	79	300498	41.55	ng	99
4) n-Nitrosodimethylamine	3.12	42	117062	40.43	ng	99
6) Aniline	6.48	93	213636	19.76	ng	99
8) 2-Chlorophenol	6.61	128	288059	39.24	ng	91
9) Benzaldehyde	6.37	77	37924	7.84	ng	92
10) Phenol	6.47	94	397253	43.65	ng	99
11) bis(2-Chloroethyl)ether	6.55	93	269657	38.51	ng	93
12) 1,3-Dichlorobenzene	6.76	146	311774	39.44	ng	# 96
13) 1,4-Dichlorobenzene	6.84	146	320352	39.96	ng	94
14) 1,2-Dichlorobenzene	6.98	146	294766	39.46	ng	96
15) Benzyl Alcohol	6.96	79	221926	41.41	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.10	45	340953	36.69	ng	97
17) 2-Methylphenol	7.08	107	235137	40.01	ng	97
18) Hexachloroethane	7.33	117	117789	40.13	ng	91
19) n-Nitroso-di-n-propylamine	7.24	70	198221	41.21	ng	95
20) 3+4-Methylphenols	7.24	107	302700	42.84	ng	# 85
22) Acetophenone	7.22	105	386191	38.58	ng	# 96
24) Nitrobenzene	7.41	77	320528	40.75	ng	# 86
25) Isophorone	7.65	82	578490	39.36	ng	94
26) 2-Nitrophenol	7.72	139	151745	38.57	ng	# 83
27) 2,4-Dimethylphenol	7.76	122	270428	39.32	ng	98
28) bis(2-Chloroethoxy)methane	7.85	93	335613	40.07	ng	98
29) 2,4-Dichlorophenol	7.97	162	247574	42.82	ng	97
30) 1,2,4-Trichlorobenzene	8.05	180	257614	40.13	ng	97
31) Naphthalene	8.13	128	889727	41.10	ng	99
32) Benzoic acid	7.90	122	177036	38.76	ng	95
33) 4-Chloroaniline	8.18	127	90434	10.23	ng	99
34) Hexachlorobutadiene	8.24	225	132855	38.08	ng	99
35) Caprolactam	8.55	113	81109m	39.60	ng	
36) 4-Chloro-3-methylphenol	8.66	107	260735	38.61	ng	94
37) 2-Methylnaphthalene	8.81	142	549913	43.13	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.98	216	232479	42.77	ng	99
40) Hexachlorocyclopentadiene	8.97	237	173856	77.12	ng	99

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032816\
 Data File : BF085807.D
 Acq On : 28 Mar 2016 17:54
 Operator : UM/SJ
 Sample : PB89249BS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleID :
 PB89249BS

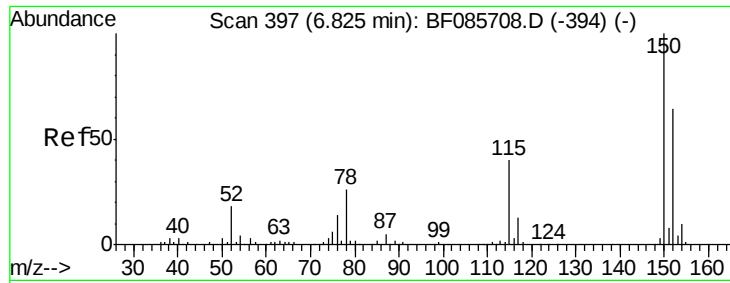
Manual Integrations
 APPROVED

Sohil
 3/29/2016 7:53:44 PM

Quant Time: Mar 29 15:48:02 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF032416.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 28 15:27:05 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.10	196	159741	43.51	ng	99
43) 2,4,5-Trichlorophenol	9.14	196	166701	43.30	ng	# 86
45) 1,1'-Biphenyl	9.28	154	651032	42.09	ng	98
46) 2-Chloronaphthalene	9.30	162	480058	42.21	ng	93
47) 2-Nitroaniline	9.41	65	161853	46.54	ng	96
48) Acenaphthylene	9.72	152	781098	42.15	ng	100
49) Dimethylphthalate	9.59	163	613132	44.09	ng	98
50) 2,6-Dinitrotoluene	9.65	165	125165	41.82	ng	96
51) Acenaphthene	9.89	154	462645	40.87	ng	99
52) 3-Nitroaniline	9.82	138	69558	20.30	ng	87
53) 2,4-Dinitrophenol	9.93	184	132908	87.29	ng	# 72
54) Dibenzofuran	10.07	168	682426	46.58	ng	94
55) 4-Nitrophenol	9.99	139	192430	86.21	ng	98
56) 2,4-Dinitrotoluene	10.06	165	174689	45.92	ng	# 83
57) Fluorene	10.40	166	504260	41.41	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.18	232	126882	47.42	ng	98
59) Diethylphthalate	10.29	149	614901	44.76	ng	98
60) 4-Chlorophenyl-phenylether	10.40	204	265625	44.61	ng	# 86
61) 4-Nitroaniline	10.44	138	141208	43.09	ng	96
62) Azobenzene	10.56	77	649074	49.16	ng	93
64) 4,6-Dinitro-2-methylphenol	10.47	198	83124	41.17	ng	# 51
65) n-Nitrosodiphenylamine	10.52	169	444435	40.70	ng	99
66) 4-Bromophenyl-phenylether	10.89	248	147135	41.71	ng	# 83
67) Hexachlorobenzene	10.95	284	153217	41.54	ng	# 66
68) Atrazine	11.05	200	141302	38.33	ng	94
69) Pentachlorophenol	11.16	266	162578	89.77	ng	98
70) Phenanthrene	11.36	178	751927	42.48	ng	100
71) Anthracene	11.42	178	824913	44.39	ng	99
72) Carbazole	11.58	167	726080	46.53	ng	98
73) Di-n-butylphthalate	11.91	149	904552	42.25	ng	# 98
74) Fluoranthene	12.55	202	716063	38.05	ng	96
76) Benzidine	12.68	184	222279	29.30	ng	97
77) Pyrene	12.78	202	730563	41.26	ng	99
79) Butylbenzylphthalate	13.40	149	328744	44.34	ng	# 77
80) Benzo(a)anthracene	13.97	228	509444	41.48	ng	100
81) 3,3'-Dichlorobenzidine	13.93	252	105273	12.35	ng	# 95
82) Chrysene	14.00	228	468110m	37.84	ng	
83) Bis(2-ethylhexyl)phthalate	13.96	149	407414	45.89	ng	# 97
84) Di-n-octyl phthalate	14.56	149	601674	45.58	ng	99
85) Indeno(1,2,3-cd)pyrene	16.78	276	527741	55.25	ng	99
87) Benzo(b)fluoranthene	14.99	252	521976m	46.60	ng	
88) Benzo(k)fluoranthene	15.02	252	336724m	33.35	ng	
89) Benzo(a)pyrene	15.34	252	422124	42.44	ng	# 96
90) Dibenzo(a,h)anthracene	16.79	278	438532	47.46	ng	100
91) Benzo(g,h,i)perylene	17.19	276	448533	47.94	ng	99

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



#1

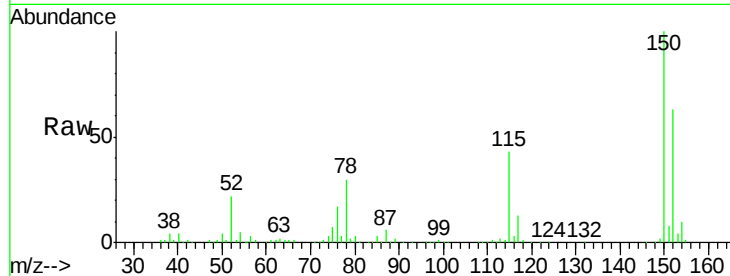
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.81 min Scan# 396
Delta R.T. -0.01 min
Lab File: BF085807.D
Acq: 28 Mar 2016 17:54

Instrument :
BNA_F
ClientSampleId :
PB89249BS

Tgt Ion	Ratio	Lower	Upper
152	100		
150	159.6	124.2	186.2
115	68.1	47.0	70.6

Manual Integrations
APPROVED

Sohil
3/29/2016 7:53:44 PM

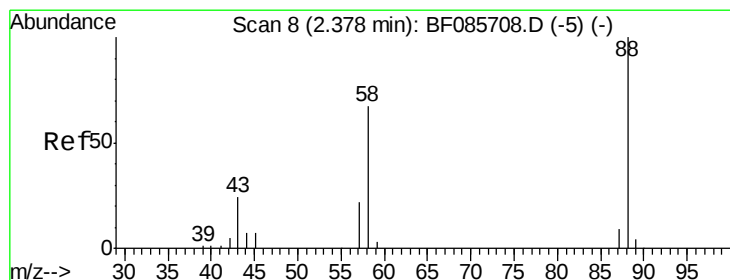
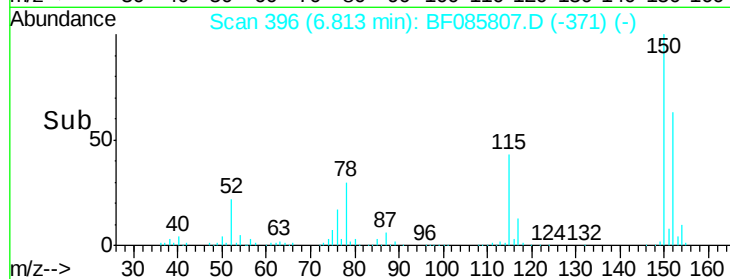
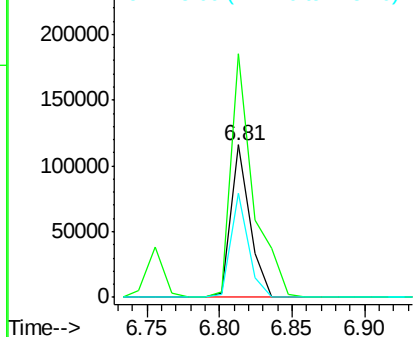


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

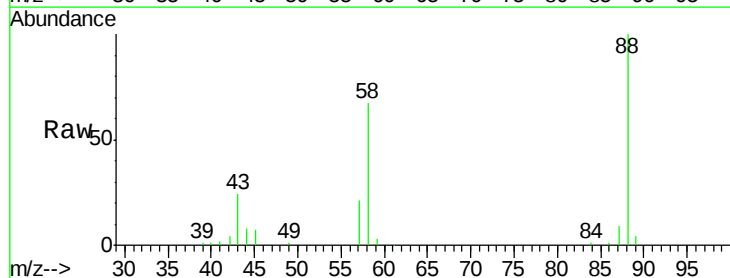
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 35.08 ng
RT: 2.46 min Scan# 15
Delta R.T. 0.08 min
Lab File: BF085807.D
Acq: 28 Mar 2016 17:54

Tgt Ion	Ratio	Lower	Upper
88	100		
58	69.0	54.2	81.2
43	25.3	19.3	28.9

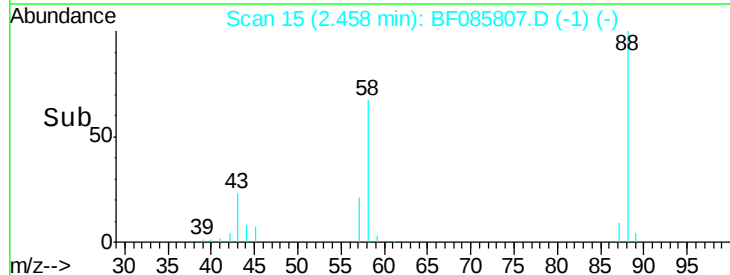
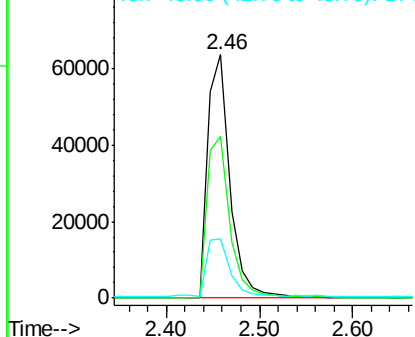


Abundance

Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pyridine

Concen: 41.55 ng

RT: 3.17 min Scan# 77

Delta R.T. 0.07 min

Lab File: BF085807.D

Acq: 28 Mar 2016 17:54

Instrument :

BNA_F

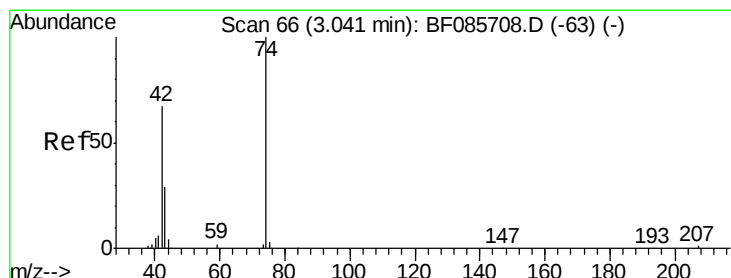
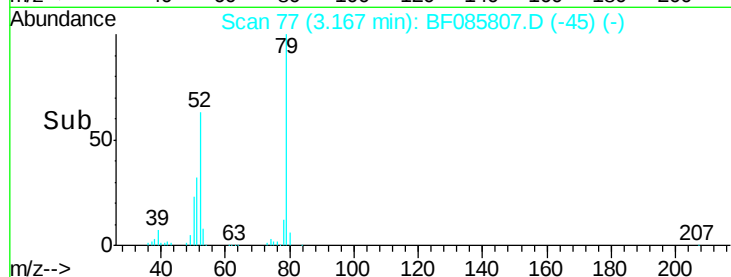
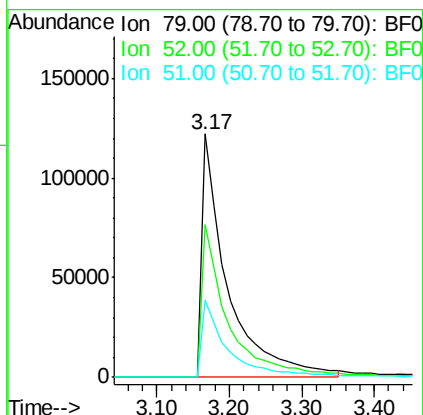
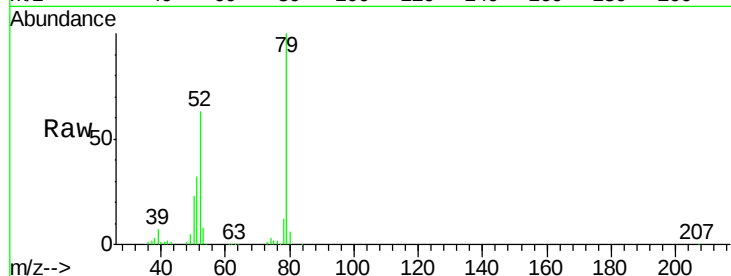
ClientSampleId :

PB89249BS

Tgt Ion:	79	Resp:	300498
Ion	Ratio	Lower	Upper
79	100		
52	62.8	49.8	74.6
51	31.7	24.7	37.1

Manual Integrations
APPROVED

Sohil
3/29/2016 7:53:44 PM



#4

n-Nitrosodimethylamine

Concen: 40.43 ng

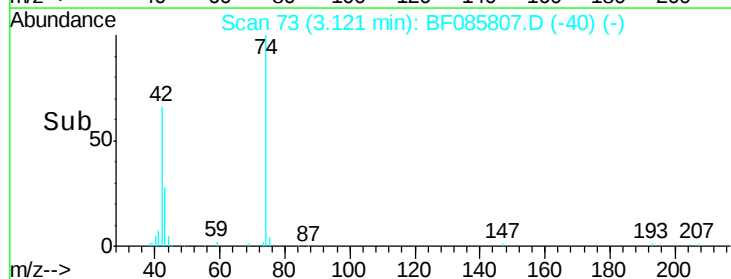
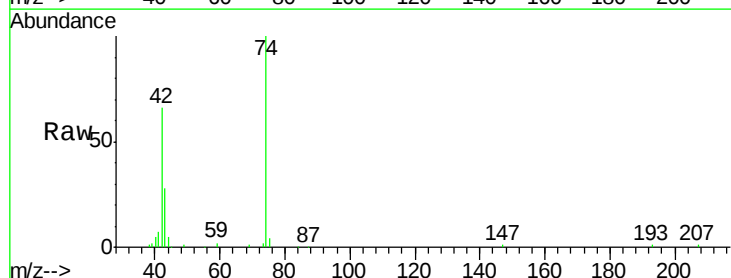
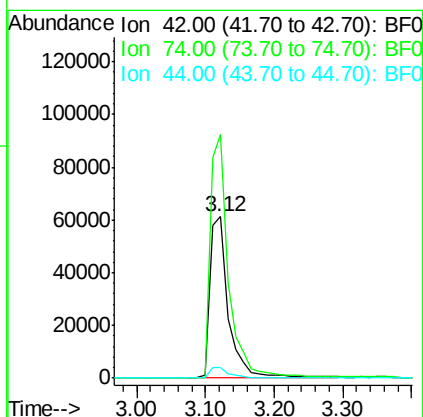
RT: 3.12 min Scan# 73

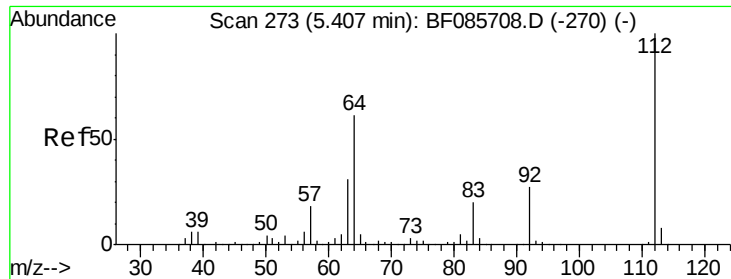
Delta R.T. 0.08 min

Lab File: BF085807.D

Acq: 28 Mar 2016 17:54

Tgt Ion:	42	Resp:	117062
Ion	Ratio	Lower	Upper
42	100		
74	150.7	121.4	182.2
44	6.8	5.6	8.4





#5

2-Fluorophenol

Concen: 116.01 ng

RT: 5.42 min Scan# 274

Delta R.T. 0.01 min

Lab File: BF085807.D

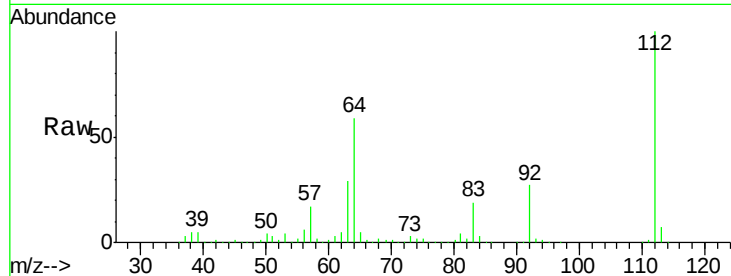
Acq: 28 Mar 2016 17:54

Instrument :

BNA_F

ClientSampleId :

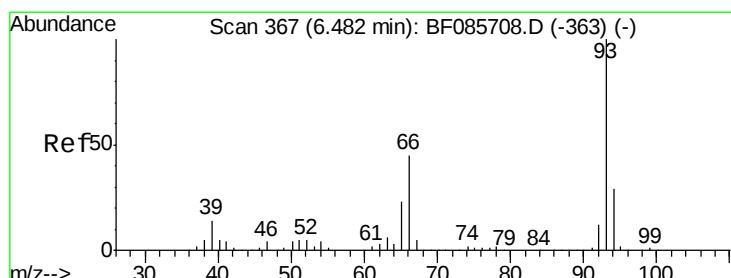
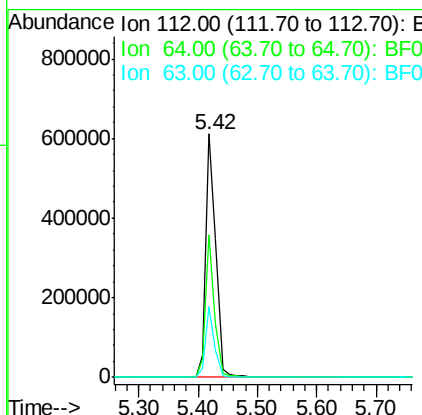
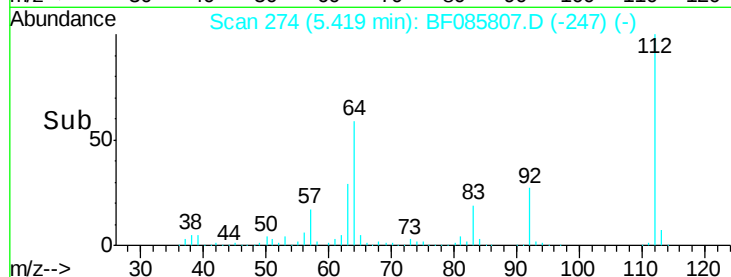
PB89249BS



Tgt Ion	Ratio	Resp	Lower	Upper
112	100	732869		
64	58.6	39.9	59.9	
63	29.3	20.2	30.2	

Manual Integrations
APPROVED

Sohil
3/29/2016 7:53:44 PM



#6

Aniline

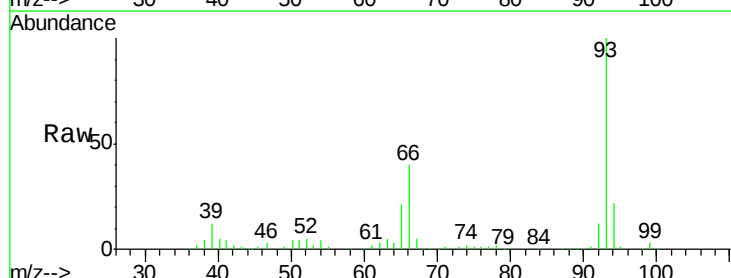
Concen: 19.76 ng

RT: 6.48 min Scan# 367

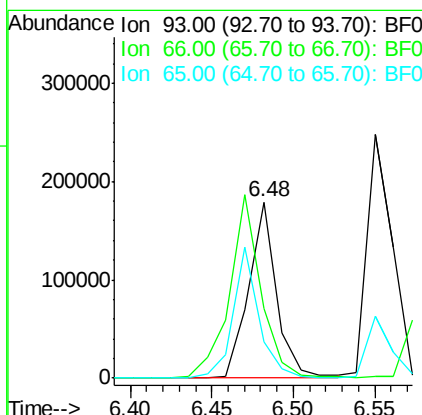
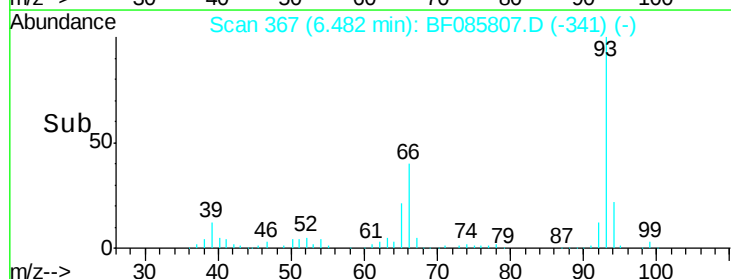
Delta R.T. 0.00 min

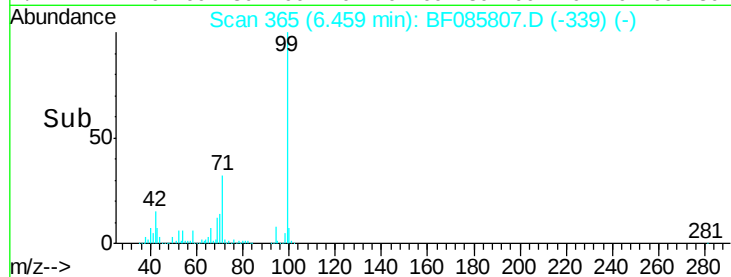
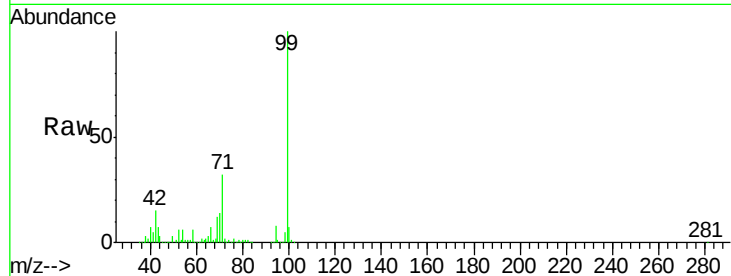
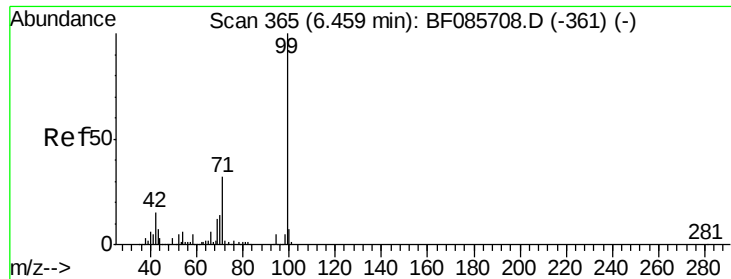
Lab File: BF085807.D

Acq: 28 Mar 2016 17:54



Tgt Ion	Ratio	Resp	Lower	Upper
93	100	213636		
66	39.7	31.4	47.2	
65	20.9	15.7	23.5	





#7

Phenol-d6

Concen: 117.79 ng

RT: 6.46 min Scan# 365

Delta R.T. 0.00 min

Lab File: BF085807.D

Acq: 28 Mar 2016 17:54

Tgt Ion:	99	Resp:	946093
Ion Ratio	Lower	Upper	
99	100		
42	15.3	11.1	16.7
71	32.3	24.9	37.3

Instrument :

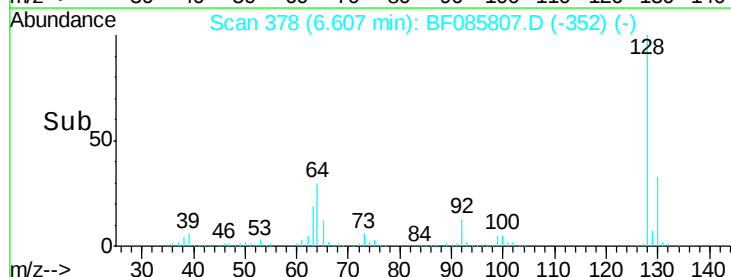
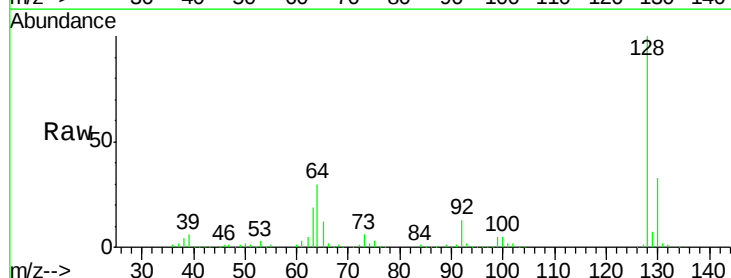
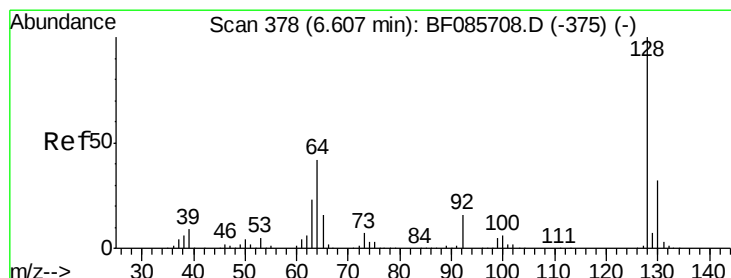
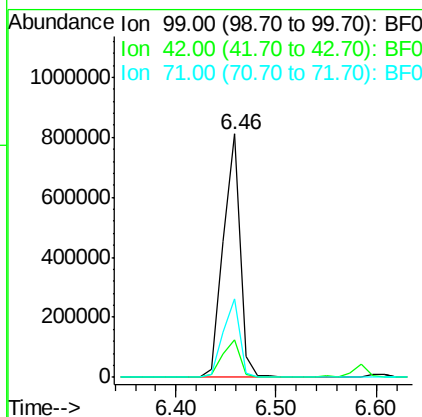
BNA_F

ClientSampleId :

PB89249BS

Manual Integrations
APPROVED

Sohil
3/29/2016 7:53:44 PM



#8

2-Chlorophenol

Concen: 39.24 ng

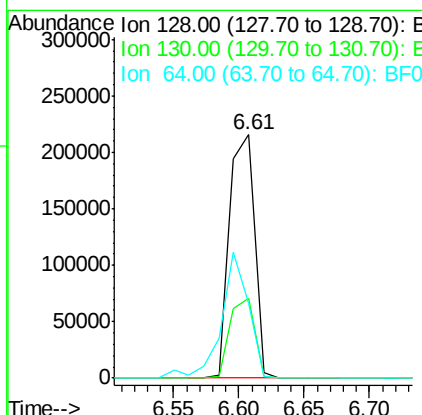
RT: 6.61 min Scan# 378

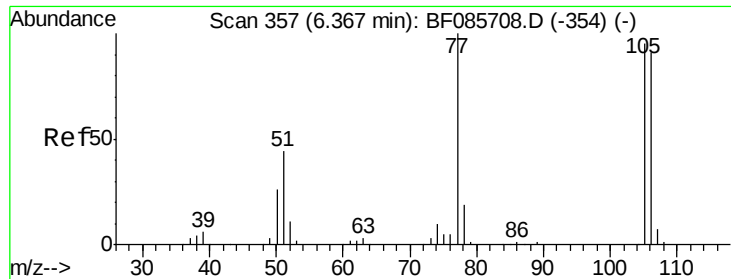
Delta R.T. 0.00 min

Lab File: BF085807.D

Acq: 28 Mar 2016 17:54

Tgt Ion:	128	Resp:	288059
Ion Ratio	Lower	Upper	
128	100		
130	32.6	12.9	52.9
64	30.5	20.2	60.2





#9

Benzaldehyde

Concen: 7.84 ng

RT: 6.37 min Scan# 357

Delta R.T. 0.00 min

Lab File: BF085807.D

Acq: 28 Mar 2016 17:54

Instrument :

BNA_F

ClientSampleId :

PB89249BS

Tgt Ion: 77 Resp: 37924

Ion Ratio Lower Upper

77 100

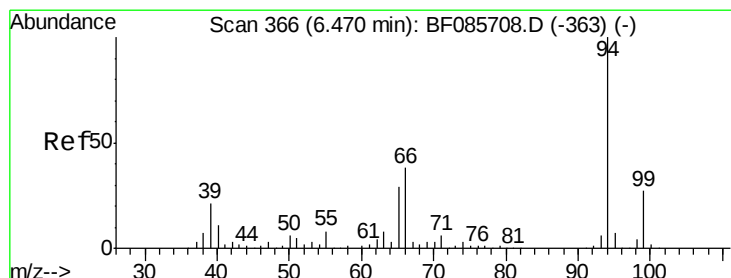
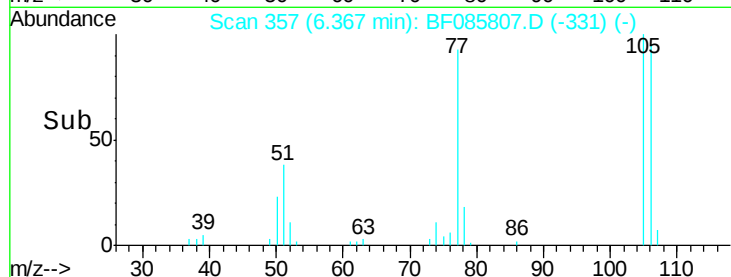
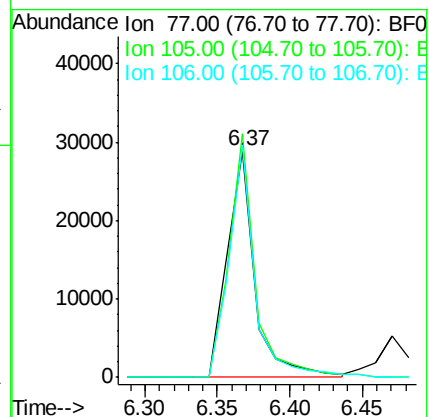
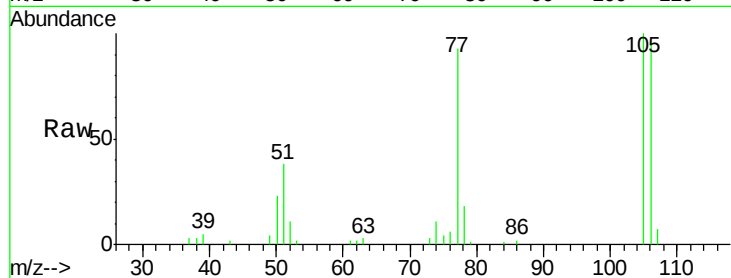
105 107.6 80.1 120.1

106 102.6 75.0 115.0

Manual Integrations
APPROVED

Sohil

3/29/2016 7:53:44 PM



#10

Phenol

Concen: 43.65 ng

RT: 6.47 min Scan# 366

Delta R.T. 0.00 min

Lab File: BF085807.D

Acq: 28 Mar 2016 17:54

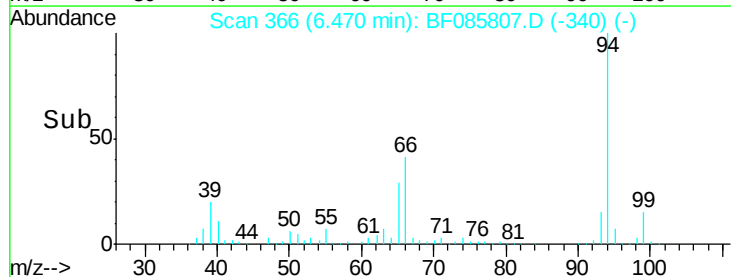
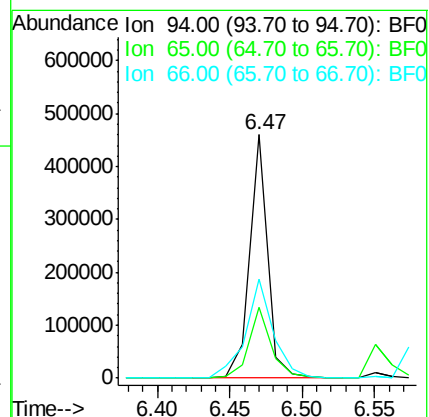
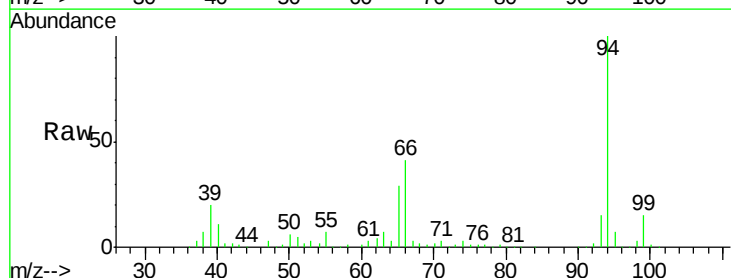
Tgt Ion: 94 Resp: 397253

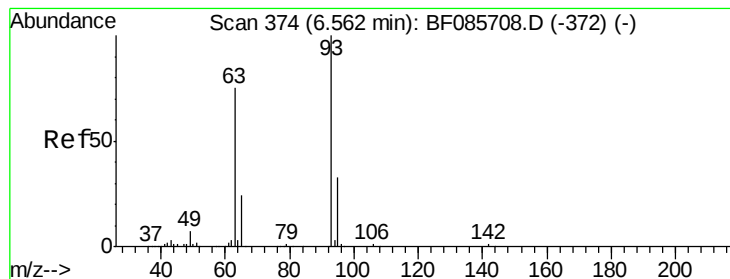
Ion Ratio Lower Upper

94 100

65 28.8 8.6 48.6

66 40.5 20.0 60.0





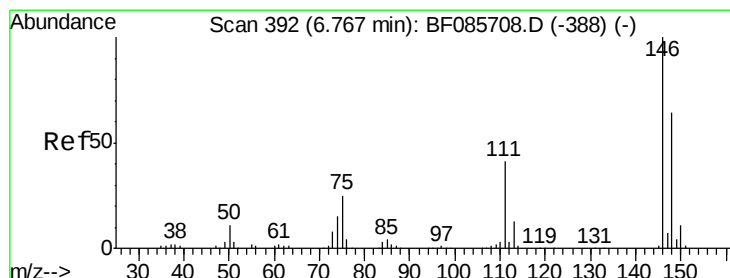
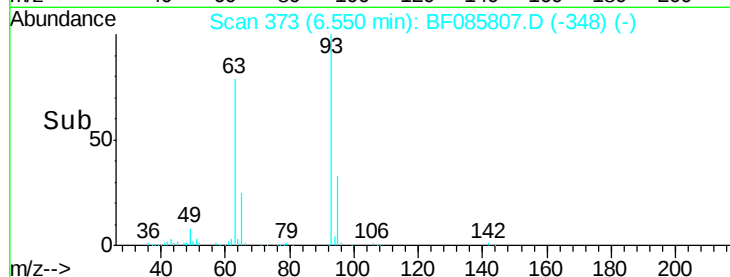
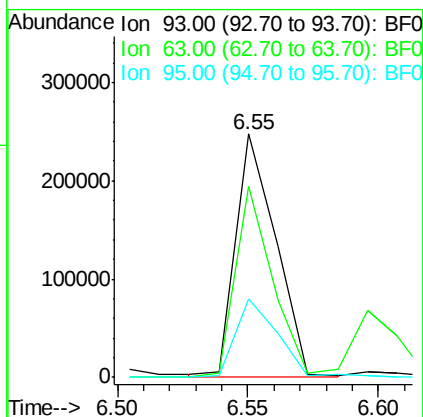
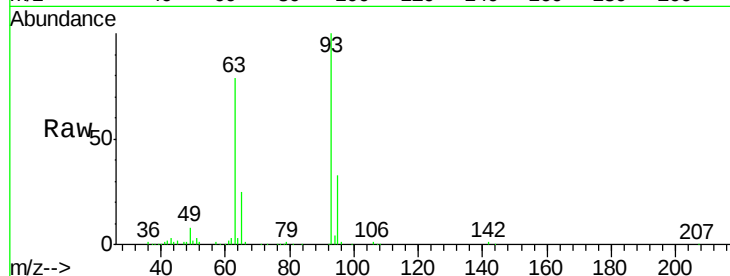
#11
bis(2-Chloroethyl)ether
Concen: 38.51 ng
RT: 6.55 min Scan# 373
Delta R.T. -0.01 min
Lab File: BF085807.D
Acq: 28 Mar 2016 17:54

Instrument :
BNA_F
ClientSampleId :
PB89249BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
93	100		
63	78.6	50.9	90.9
95	32.5	13.3	53.3

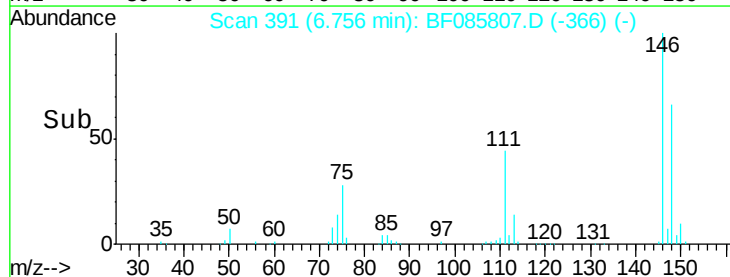
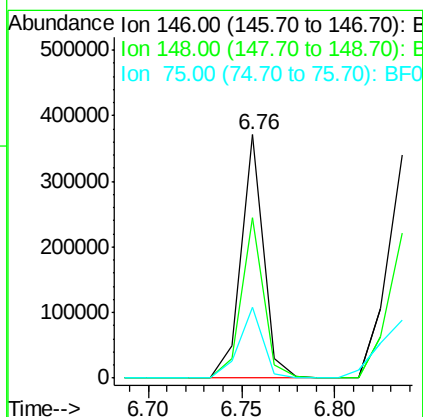
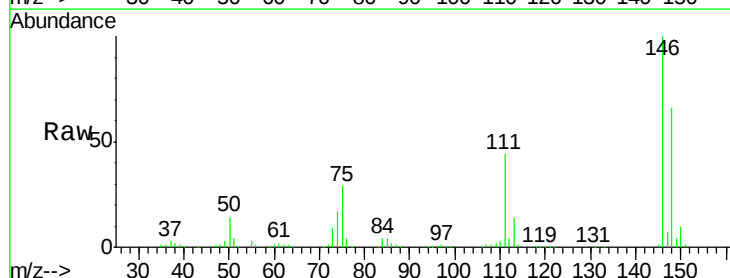
Manual Integrations
APPROVED

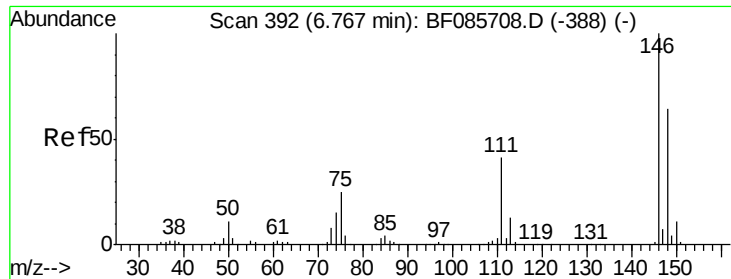
Sohil
3/29/2016 7:53:44 PM



#12
1,3-Dichlorobenzene
Concen: 39.44 ng
RT: 6.76 min Scan# 391
Delta R.T. -0.01 min
Lab File: BF085807.D
Acq: 28 Mar 2016 17:54

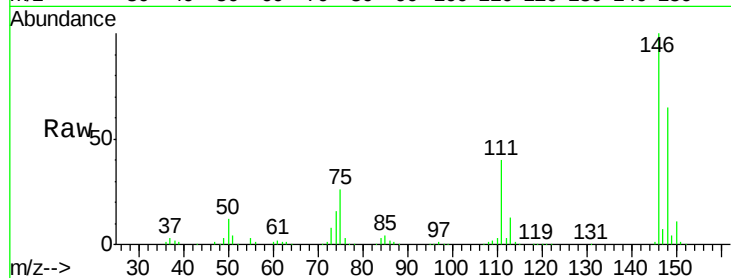
Tgt Ion	Ratio	Resp Lower	Resp Upper
146	100		
148	65.7	52.3	78.5
75	29.3	17.4	26.2





#13
 1,4-Dichlorobenzene
 Concen: 39.96 ng
 RT: 6.84 min Scan# 398
 Delta R.T. -0.01 min
 Lab File: BF085807.D
 Acq: 28 Mar 2016 17:54

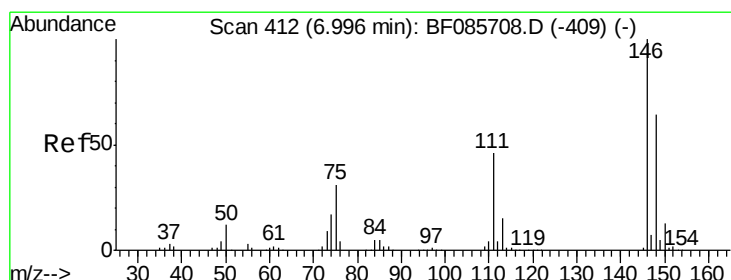
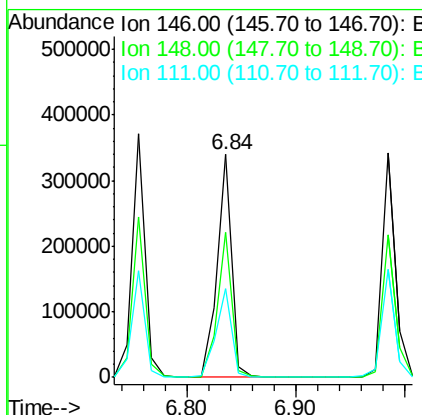
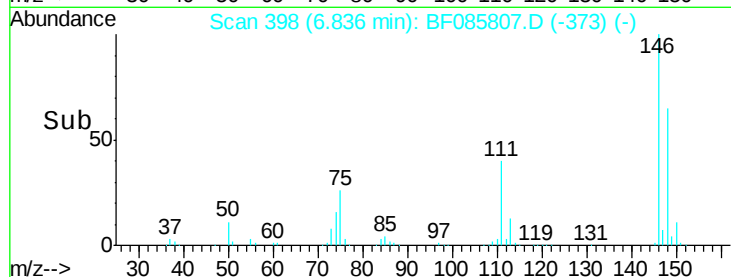
Instrument :
 BNA_F
 ClientSampleId :
 PB89249BS



Tgt Ion	Ratio	Resp	Lower	Upper
146	100	320352		
148	65.0		50.6	76.0
111	39.9		37.8	56.6

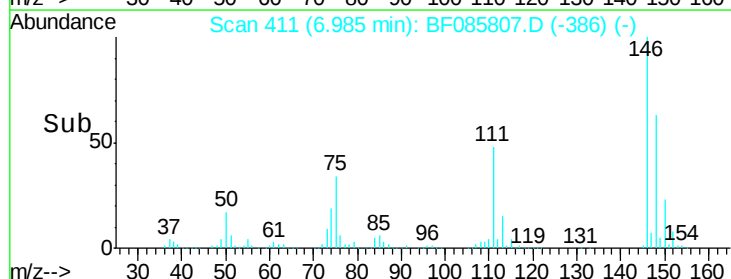
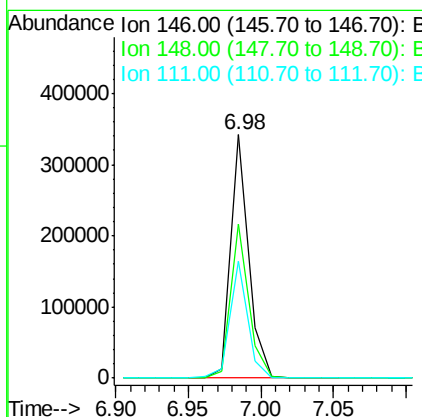
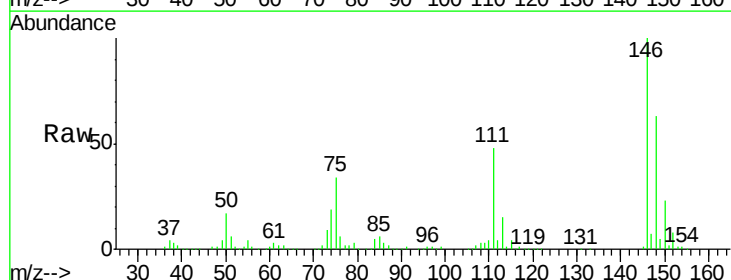
Manual Integrations
 APPROVED

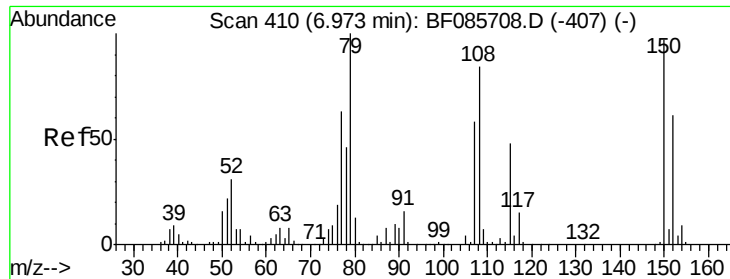
Sohil
 3/29/2016 7:53:44 PM



#14
 1,2-Dichlorobenzene
 Concen: 39.46 ng
 RT: 6.98 min Scan# 411
 Delta R.T. -0.01 min
 Lab File: BF085807.D
 Acq: 28 Mar 2016 17:54

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	294766		
148	63.5		51.4	77.2
111	48.2		34.6	52.0





#15

Benzyl Alcohol

Concen: 41.41 ng

RT: 6.96 min Scan# 409

Delta R.T. -0.01 min

Lab File: BF085807.D

Acq: 28 Mar 2016 17:54

Instrument :

BNA_F

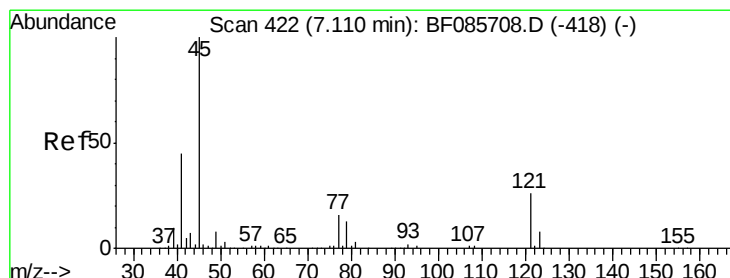
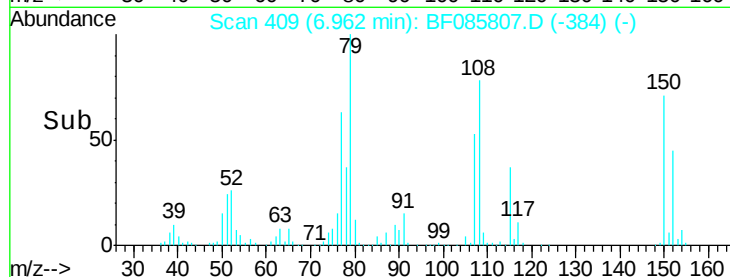
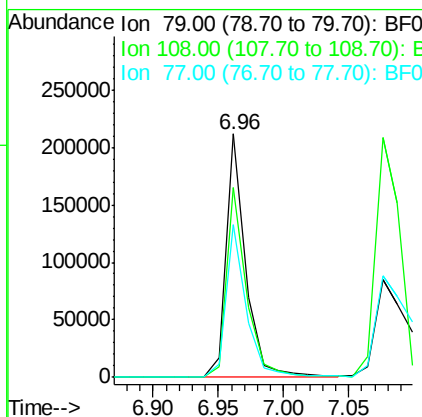
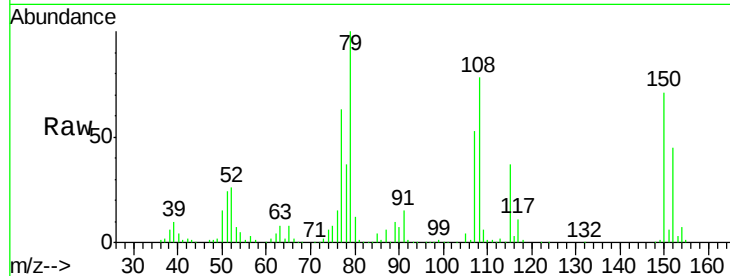
ClientSampleId :

PB89249BS

Manual Integrations
APPROVED

Sohil
3/29/2016 7:53:44 PM

Tgt Ion:	79	Resp:	221926
Ion Ratio	Lower	Upper	
79	100		
108	77.9	61.8	92.6
77	62.6	49.6	74.4



#16

2,2'-oxybis(1-Chloropropane)

Concen: 36.69 ng

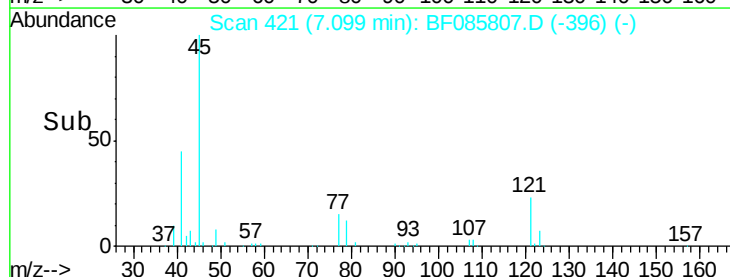
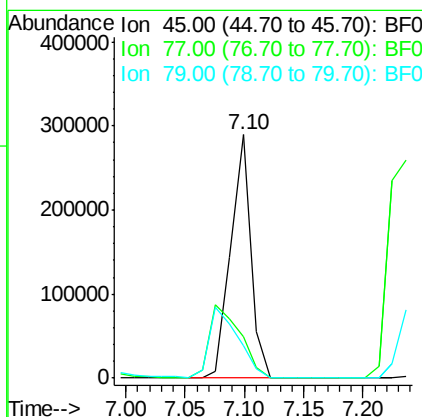
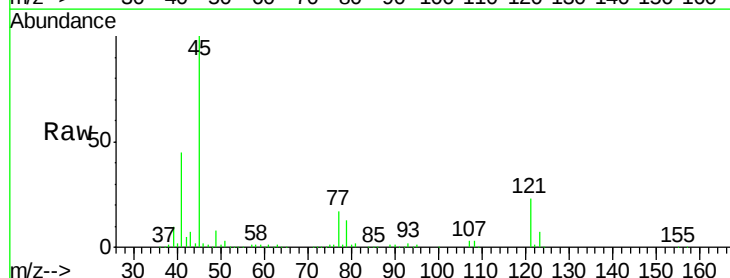
RT: 7.10 min Scan# 421

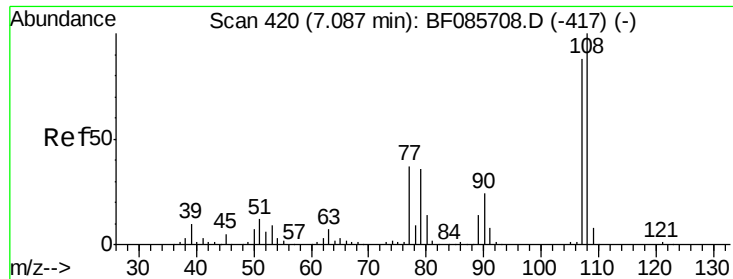
Delta R.T. -0.01 min

Lab File: BF085807.D

Acq: 28 Mar 2016 17:54

Tgt Ion:	45	Resp:	340953
Ion Ratio	Lower	Upper	
45	100		
77	16.8	0.0	35.7
79	13.4	0.0	32.2





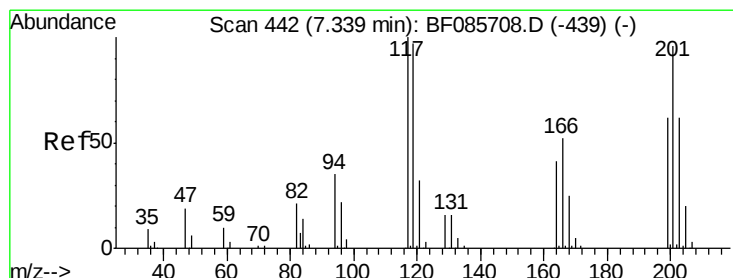
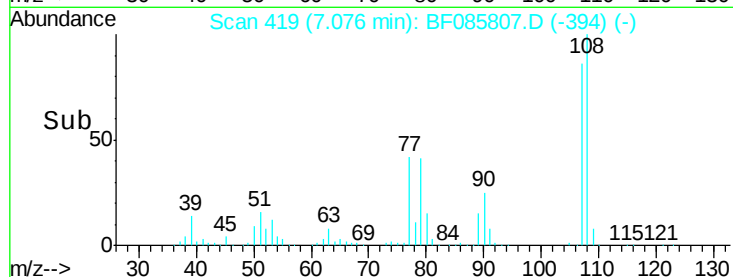
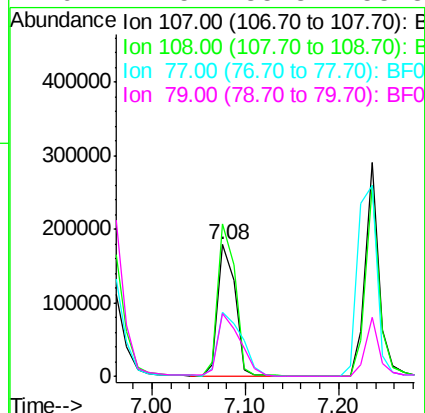
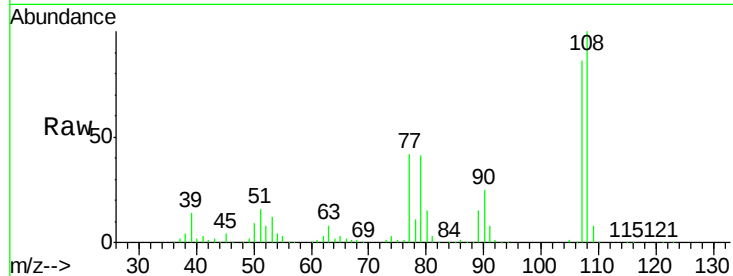
#17
2-Methylphenol
Concen: 40.01 ng
RT: 7.08 min Scan# 419
Delta R.T. -0.01 min
Lab File: BF085807.D
Acq: 28 Mar 2016 17:54

Instrument :
BNA_F
ClientSampleId :
PB89249BS

Tgt Ion:	107	Resp:	235137
Ion Ratio	Lower	Upper	
107	100		
108	116.4	91.4	137.0
77	49.2	36.2	54.2
79	47.5	35.8	53.8

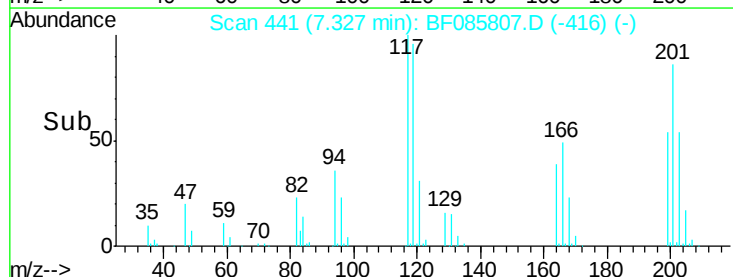
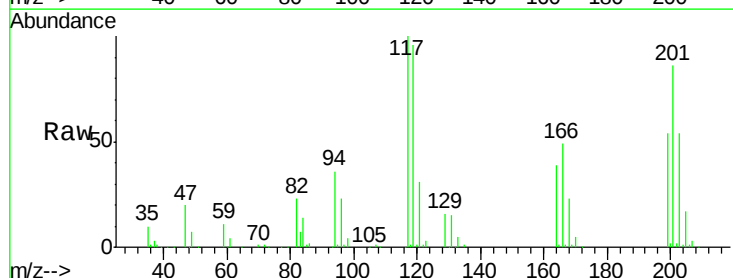
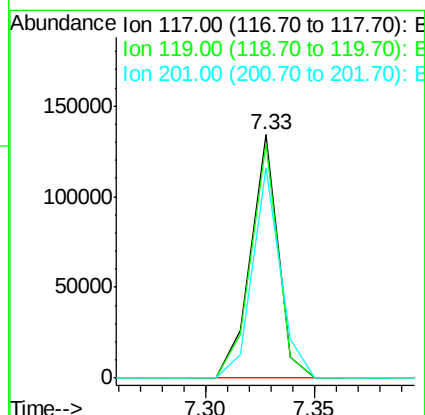
Manual Integrations
APPROVED

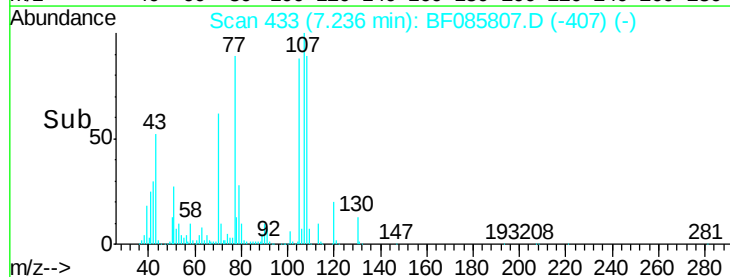
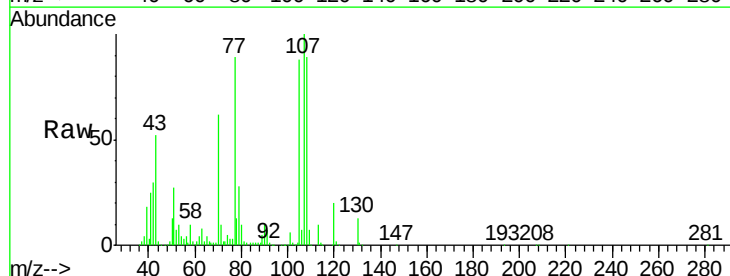
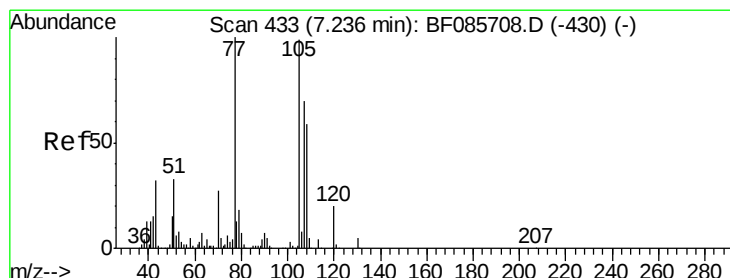
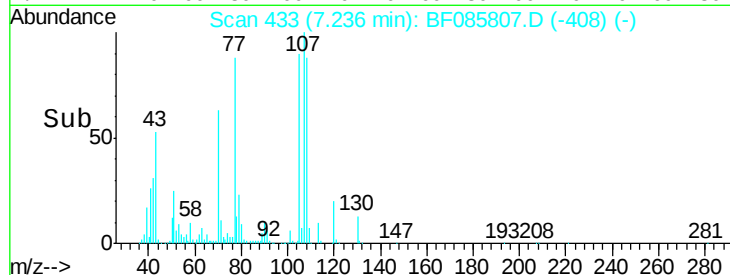
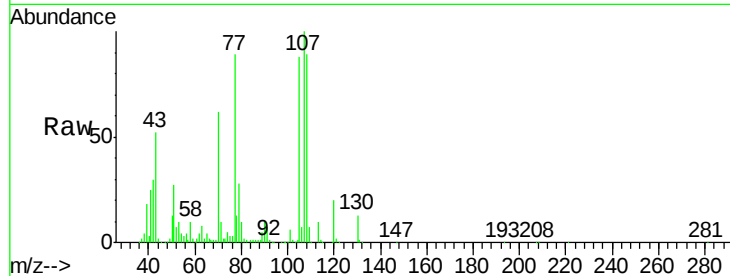
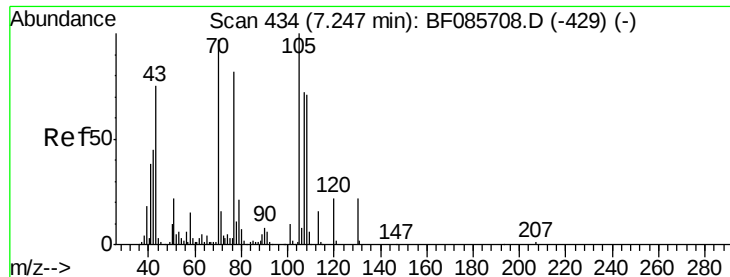
Sohil
3/29/2016 7:53:44 PM



#18
Hexachloroethane
Concen: 40.13 ng
RT: 7.33 min Scan# 441
Delta R.T. -0.01 min
Lab File: BF085807.D
Acq: 28 Mar 2016 17:54

Tgt Ion:	117	Resp:	117789
Ion Ratio	Lower	Upper	
117	100		
119	96.5	76.7	115.1
201	86.2	83.3	124.9





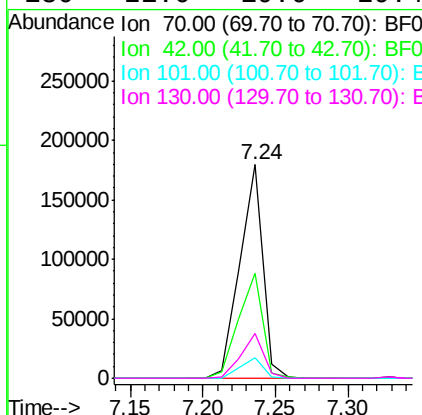
#19
n-Nitroso-di-n-propylamine
Concen: 41.21 ng
RT: 7.24 min Scan# 433
Delta R.T. -0.01 min
Lab File: BF085807.D
Acq: 28 Mar 2016 17:54

Instrument :
BNA_F
ClientSampleId :
PB89249BS

Tgt Ion	Ratio	Resp Lower	Upper
70	100		
42	49.3	37.1	55.7
101	9.8	8.6	12.8
130	21.0	19.6	29.4

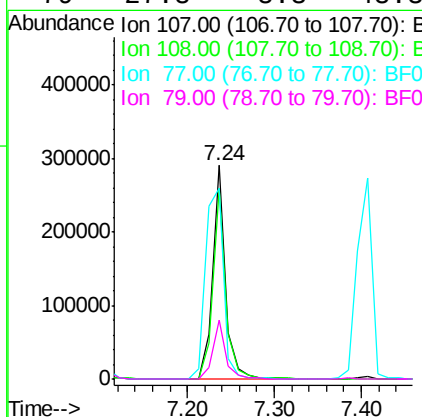
Manual Integrations
APPROVED

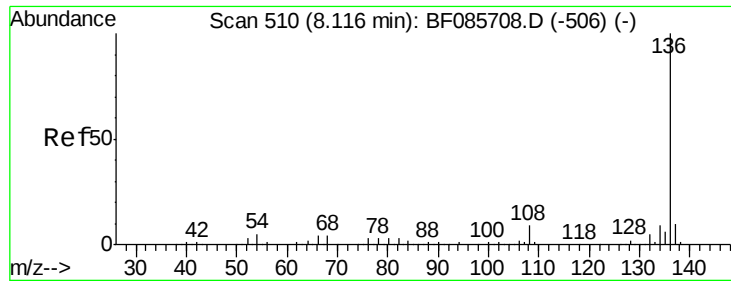
Sohil
3/29/2016 7:53:44 PM



#20
3+4-Methylphenols
Concen: 42.84 ng
RT: 7.24 min Scan# 433
Delta R.T. 0.00 min
Lab File: BF085807.D
Acq: 28 Mar 2016 17:54

Tgt Ion	Ratio	Resp Lower	Upper
107	100		
108	89.1	69.3	109.3
77	89.3	101.7	141.7#
79	27.8	8.3	48.3





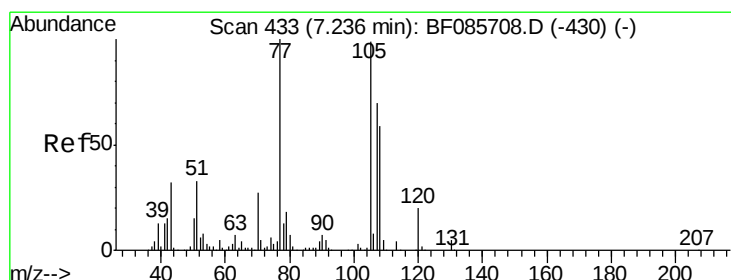
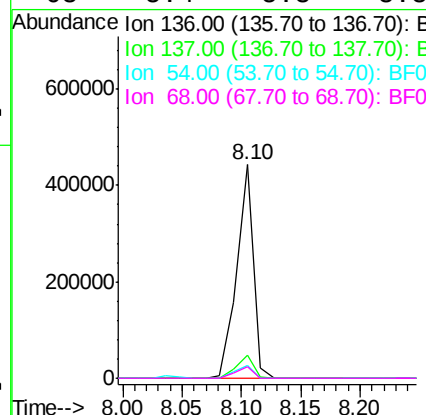
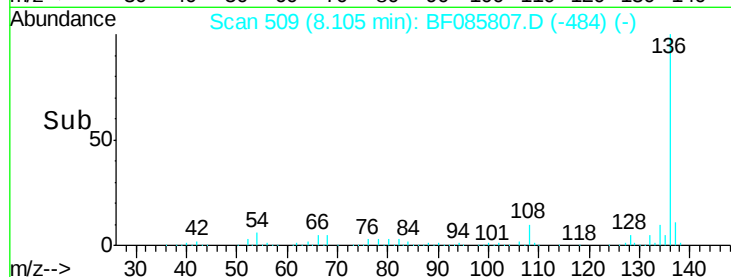
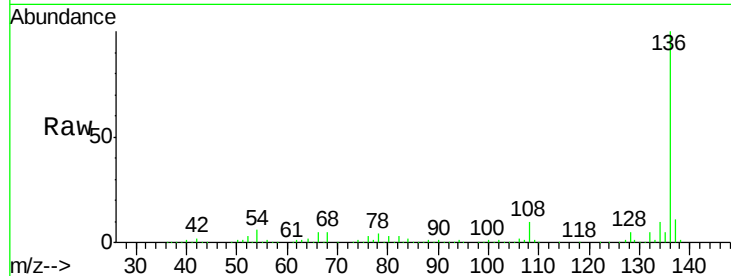
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.10 min Scan# 509
Delta R.T. -0.01 min
Lab File: BF085807.D
Acq: 28 Mar 2016 17:54

Instrument :
BNA_F
ClientSampleId :
PB89249BS

Tgt Ion	Ratio	Resp	Lower	Upper
136	100	429659		
137	11.1	9.1	13.7	
54	6.0	7.4	11.0	
68	5.4	5.8	8.8	

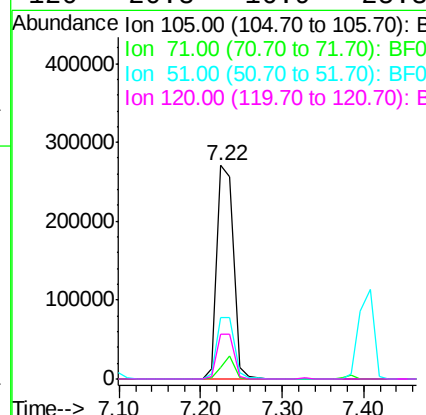
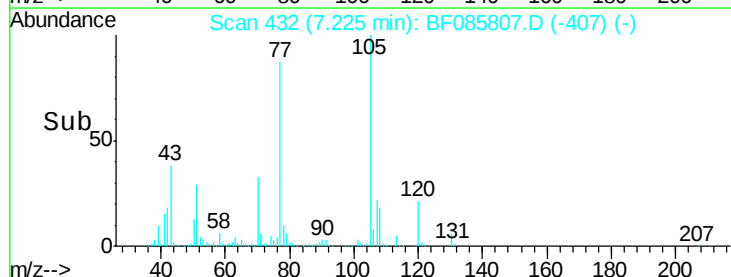
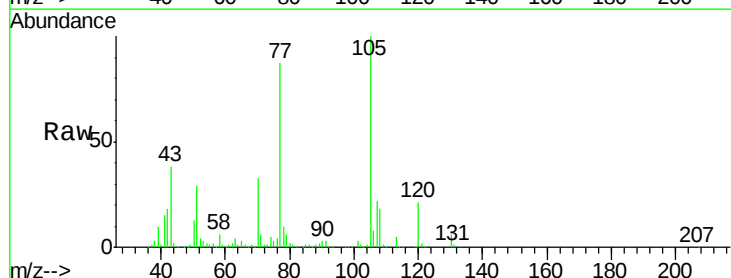
Manual Integrations
APPROVED

Sohil
3/29/2016 7:53:44 PM



#22
Acetophenone
Concen: 38.58 ng
RT: 7.22 min Scan# 432
Delta R.T. -0.01 min
Lab File: BF085807.D
Acq: 28 Mar 2016 17:54

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	386191		
71	5.5	3.6	5.4	
51	28.6	25.4	38.0	
120	20.8	16.9	25.3	





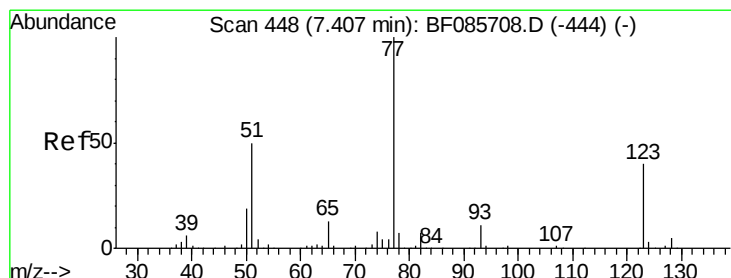
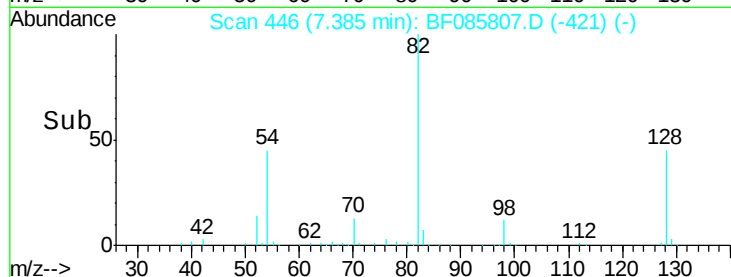
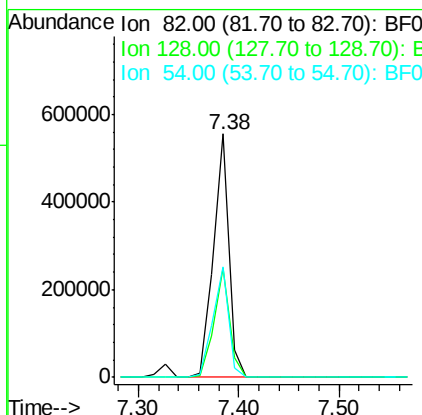
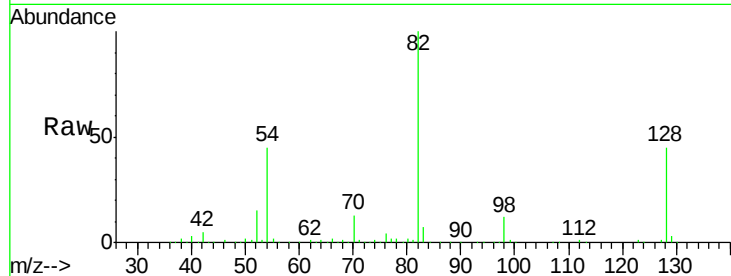
#23
 Nitrobenzene-d5
 Concen: 78.06 ng
 RT: 7.38 min Scan# 446
 Delta R.T. -0.01 min
 Lab File: BF085807.D
 Acq: 28 Mar 2016 17:54

Instrument :
 BNA_F
 ClientSampleId :
 PB89249BS

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	595589		
128	45.0	41.8	62.8	
54	45.1	33.4	50.0	

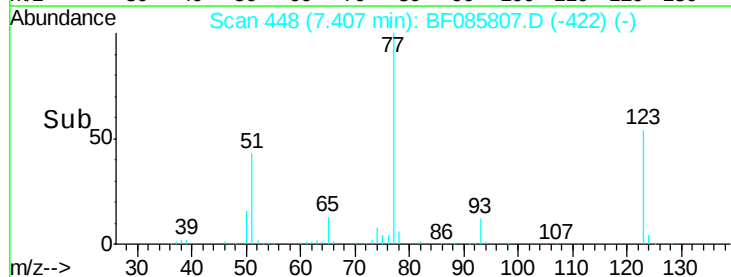
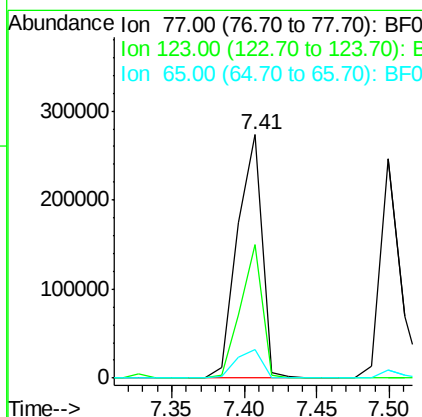
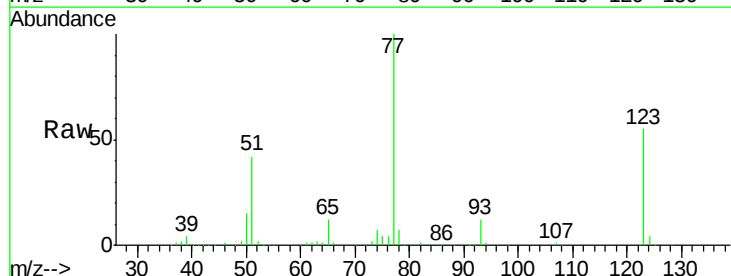
Manual Integrations
 APPROVED

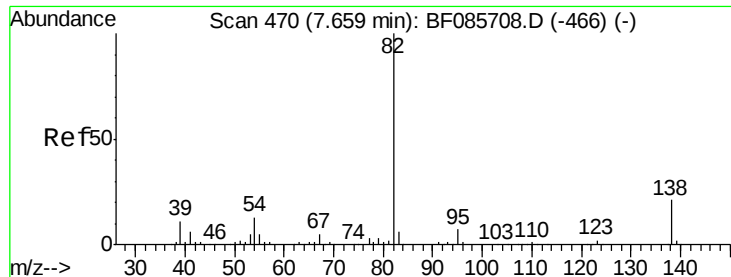
Sohil
 3/29/2016 7:53:44 PM



#24
 Nitrobenzene
 Concen: 40.75 ng
 RT: 7.41 min Scan# 448
 Delta R.T. 0.00 min
 Lab File: BF085807.D
 Acq: 28 Mar 2016 17:54

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	320528		
123	54.6	35.0	52.4#	
65	12.0	10.6	16.0	





#25

Isophorone

Concen: 39.36 ng

RT: 7.65 min Scan# 469

Delta R.T. -0.01 min

Lab File: BF085807.D

Acq: 28 Mar 2016 17:54

Instrument :

BNA_F

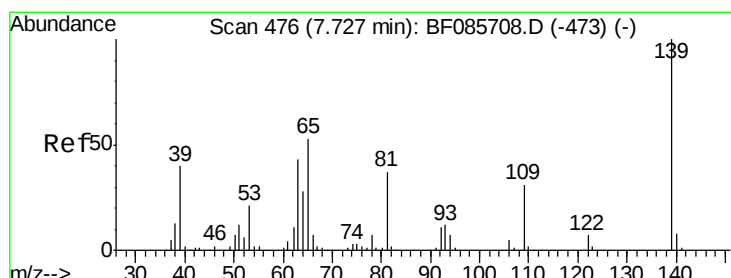
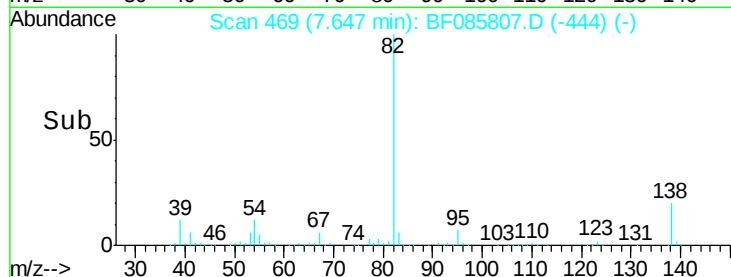
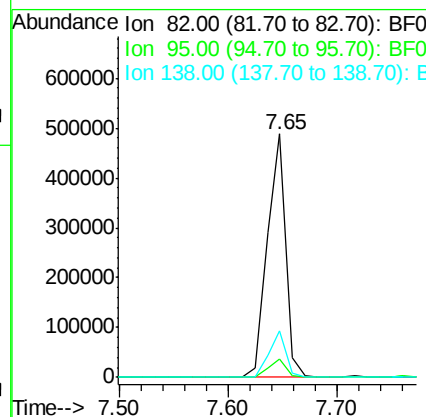
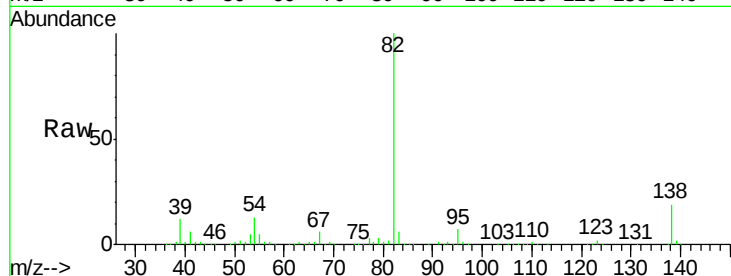
ClientSampleId :

PB89249BS

Tgt Ion:	82	Resp:	578490
Ion Ratio		Lower	Upper
82	100		
95	7.3	5.4	8.2
138	19.2	12.9	19.3

Manual Integrations
APPROVED

Sohil
3/29/2016 7:53:44 PM



#26

2-Nitrophenol

Concen: 38.57 ng

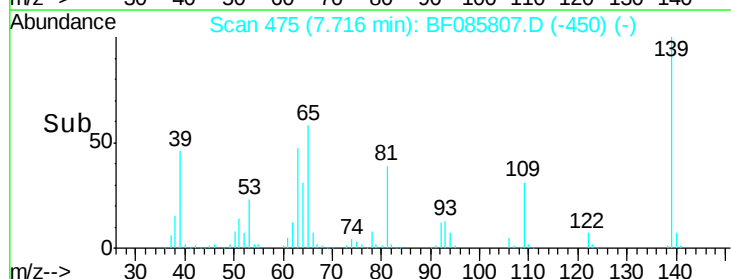
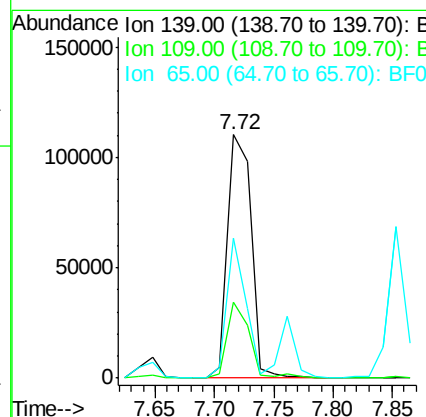
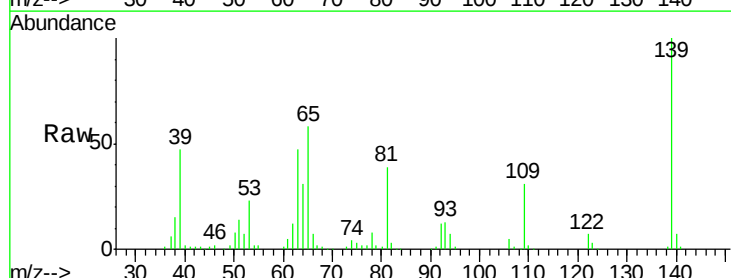
RT: 7.72 min Scan# 475

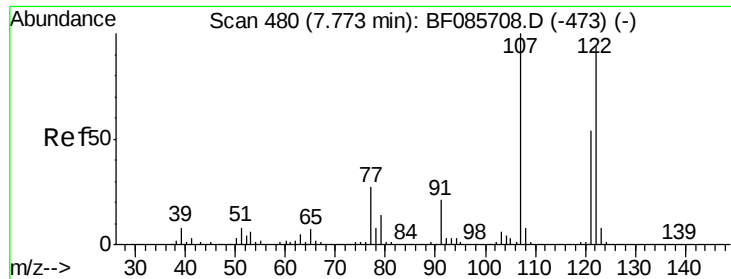
Delta R.T. -0.01 min

Lab File: BF085807.D

Acq: 28 Mar 2016 17:54

Tgt Ion:	139	Resp:	151745
Ion Ratio		Lower	Upper
139	100		
109	31.2	22.1	33.1
65	57.6	33.9	50.9#





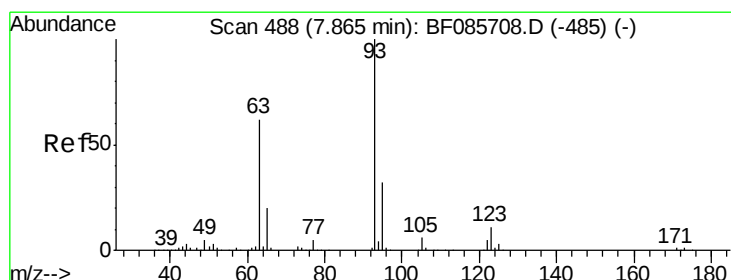
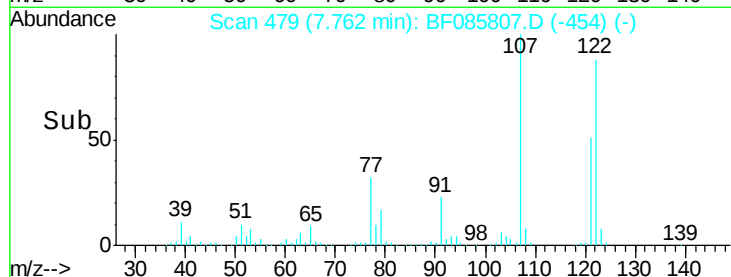
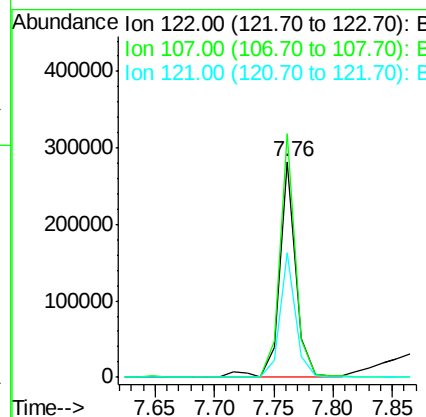
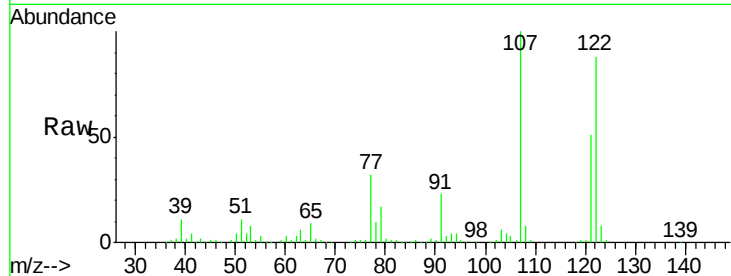
#27
2,4-Dimethylphenol
Concen: 39.32 ng
RT: 7.76 min Scan# 479
Delta R.T. -0.01 min
Lab File: BF085807.D
Acq: 28 Mar 2016 17:54

Instrument :
BNA_F
ClientSampleId :
PB89249BS

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	270428		
107	113.0	93.0	139.6	
121	57.8	45.9	68.9	

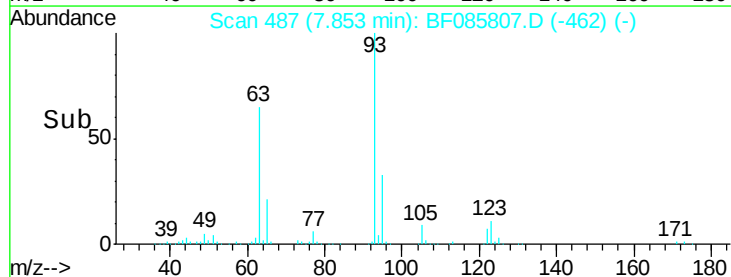
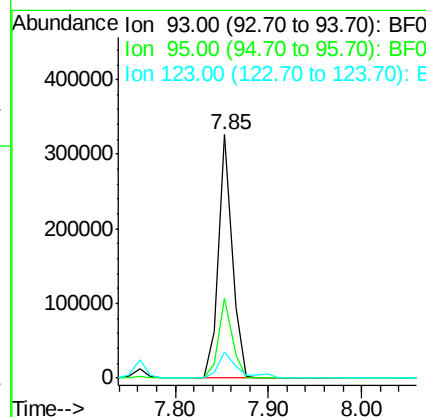
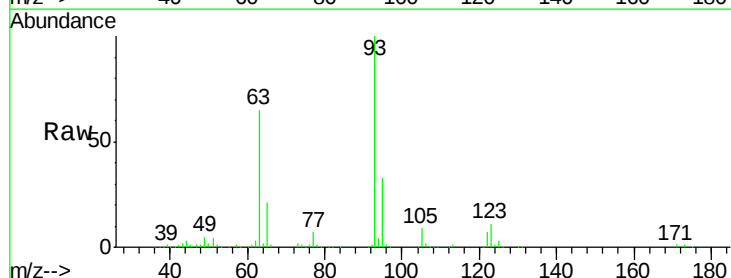
Manual Integrations
APPROVED

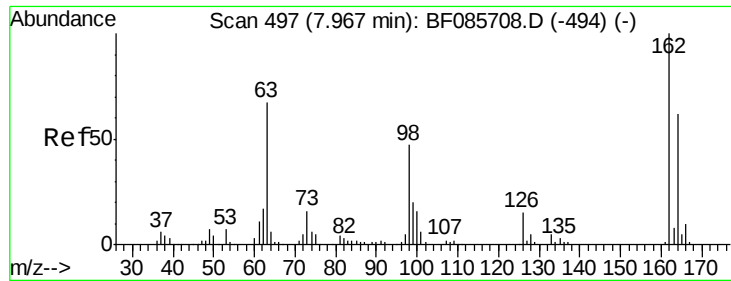
Sohil
3/29/2016 7:53:44 PM



#28
bis(2-Chloroethoxy)methane
Concen: 40.07 ng
RT: 7.85 min Scan# 487
Delta R.T. -0.01 min
Lab File: BF085807.D
Acq: 28 Mar 2016 17:54

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	335613		
95	32.7	26.4	39.6	
123	10.6	9.8	14.6	





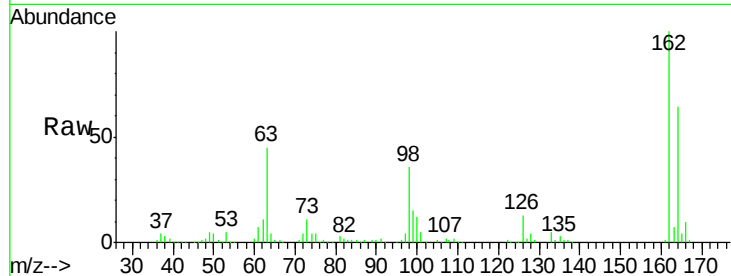
#29
 2,4-Dichlorophenol
 Concen: 42.82 ng
 RT: 7.97 min Scan# 497
 Delta R.T. 0.00 min
 Lab File: BF085807.D
 Acq: 28 Mar 2016 17:54

Instrument :
 BNA_F
 ClientSampleId :
 PB89249BS

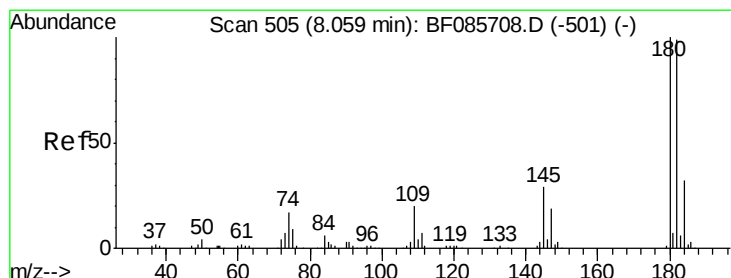
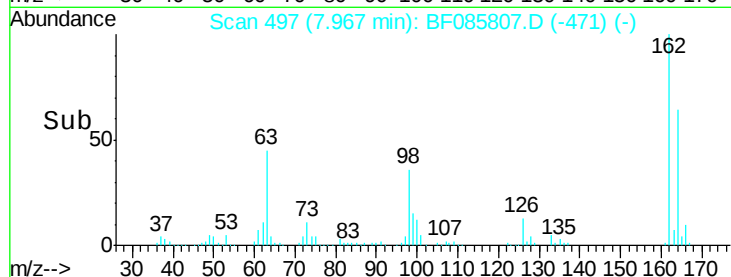
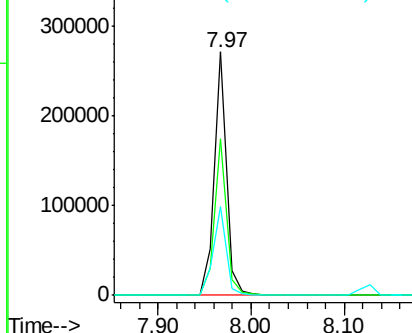
Tgt Ion	Ratio	Resp	Lower	Upper
162	100	247574		
164	64.1	43.7	83.7	
98	36.2	20.4	60.4	

Manual Integrations
 APPROVED

Sohil
 3/29/2016 7:53:44 PM

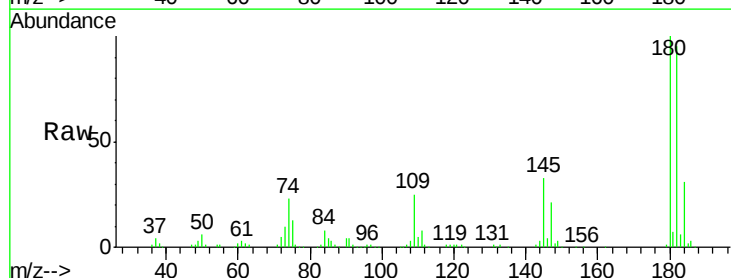


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

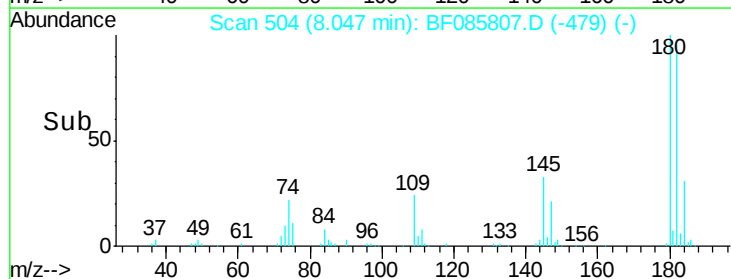
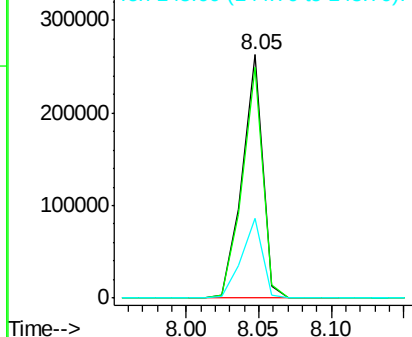


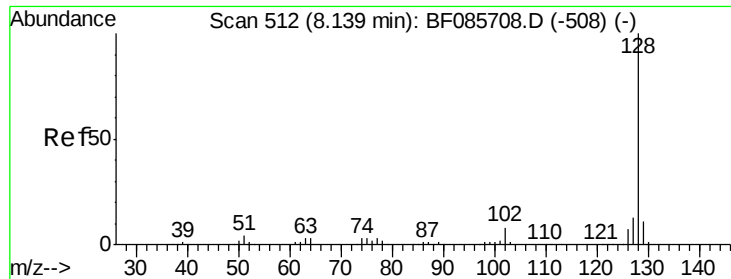
#30
 1,2,4-Trichlorobenzene
 Concen: 40.13 ng
 RT: 8.05 min Scan# 504
 Delta R.T. -0.01 min
 Lab File: BF085807.D
 Acq: 28 Mar 2016 17:54

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	257614		
182	95.0	73.8	110.8	
145	32.7	28.4	42.6	



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





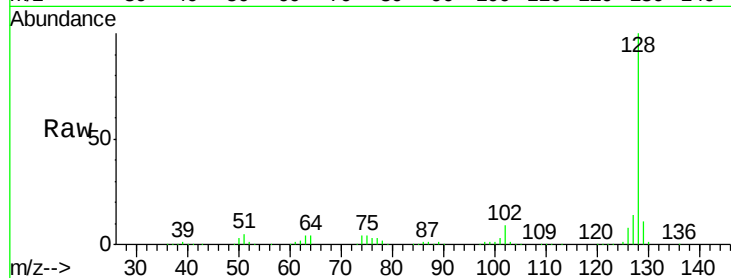
#31
Naphthalene
Concen: 41.10 ng
RT: 8.13 min Scan# 511
Delta R.T. -0.01 min
Lab File: BF085807.D
Acq: 28 Mar 2016 17:54

Instrument :
BNA_F
ClientSampleId :
PB89249BS

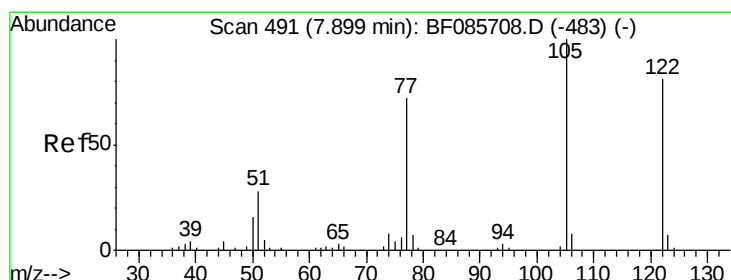
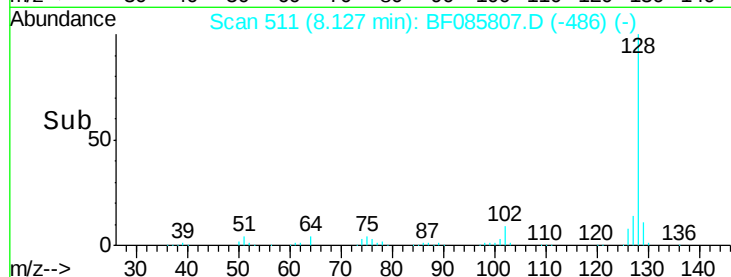
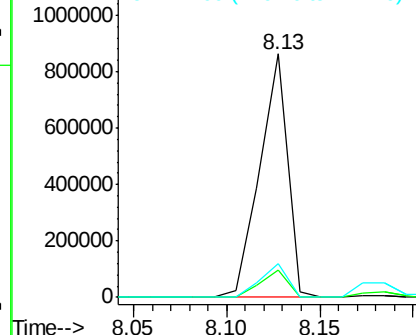
Tgt Ion	Ratio	Resp	Lower	Upper
128	100	889727		
129	11.2	9.4	14.0	
127	13.6	11.0	16.6	

Manual Integrations
APPROVED

Sohil
3/29/2016 7:53:44 PM

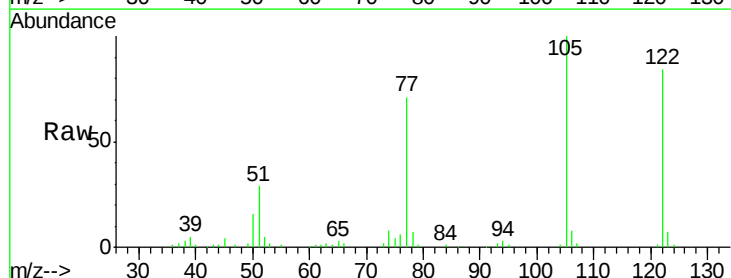


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

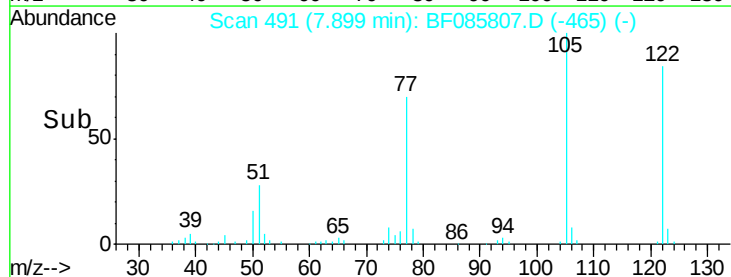
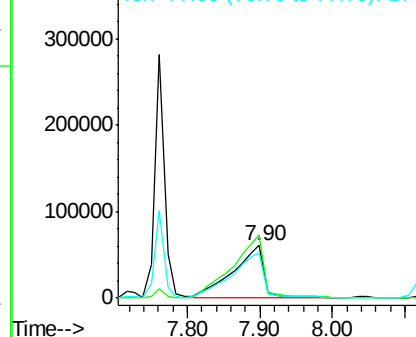


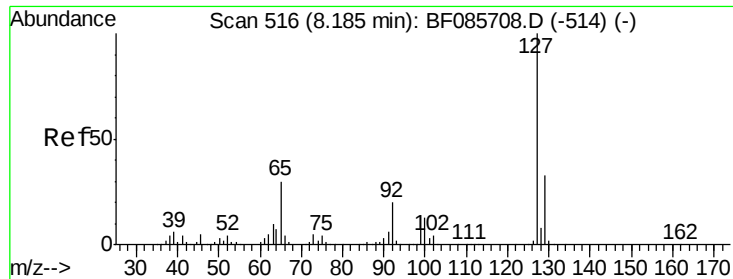
#32
Benzoic acid
Concen: 38.76 ng
RT: 7.90 min Scan# 491
Delta R.T. 0.00 min
Lab File: BF085807.D
Acq: 28 Mar 2016 17:54

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	177036		
105	119.1	102.9	142.9	
77	84.5	71.8	111.8	



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF0





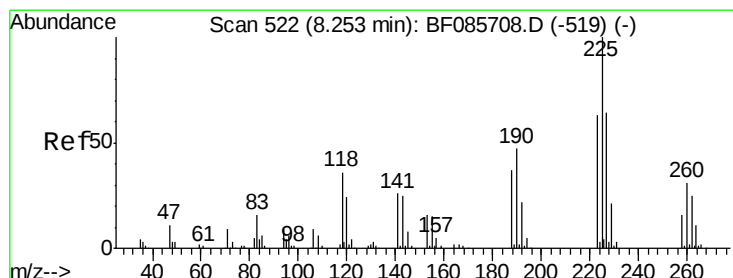
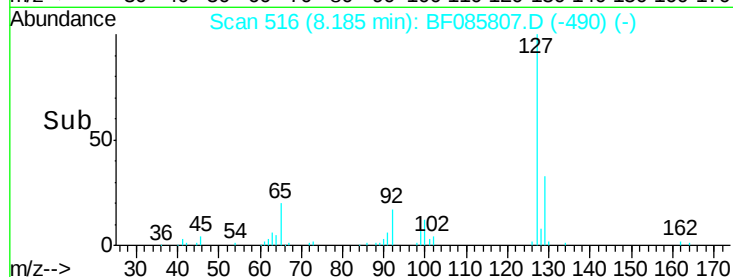
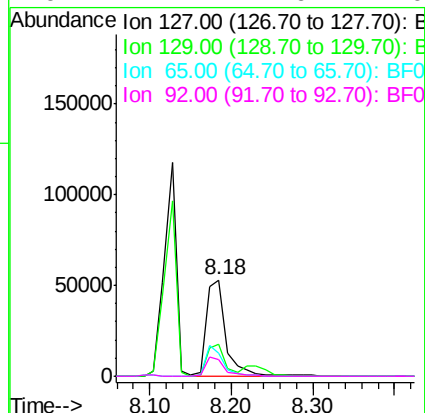
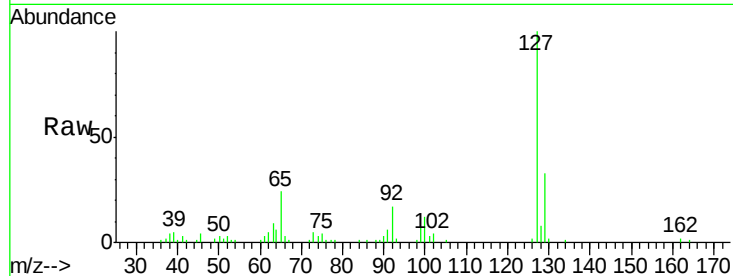
#33
4-Chloroaniline
Concen: 10.23 ng
RT: 8.18 min Scan# 516
Delta R.T. 0.00 min
Lab File: BF085807.D
Acq: 28 Mar 2016 17:54

Instrument :
BNA_F
ClientSampleId :
PB89249BS

Tgt Ion:	127	Resp:	90434
Ion Ratio	Lower	Upper	
127	100		
129	33.0	26.1	39.1
65	23.9	19.5	29.3
92	17.2	14.6	22.0

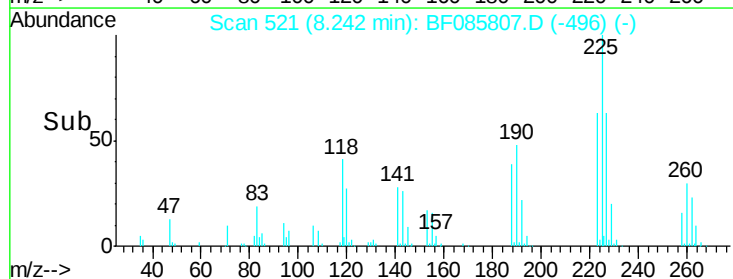
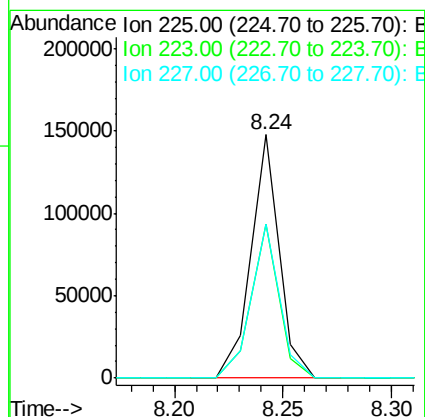
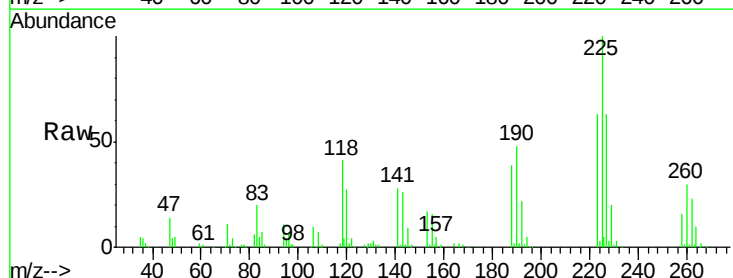
Manual Integrations
APPROVED

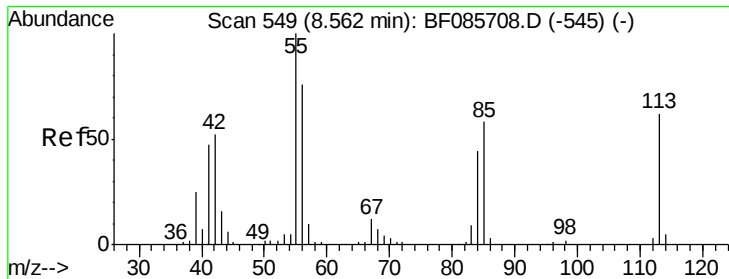
Sohil
3/29/2016 7:53:44 PM



#34
Hexachlorobutadiene
Concen: 38.08 ng
RT: 8.24 min Scan# 521
Delta R.T. -0.01 min
Lab File: BF085807.D
Acq: 28 Mar 2016 17:54

Tgt Ion:	225	Resp:	132855
Ion Ratio	Lower	Upper	
225	100		
223	63.3	50.4	75.6
227	63.2	51.4	77.2





#35

Caprolactam

Concen: 39.60 ng m

RT: 8.55 min Scan# 548

Delta R.T. -0.01 min

Lab File: BF085807.D

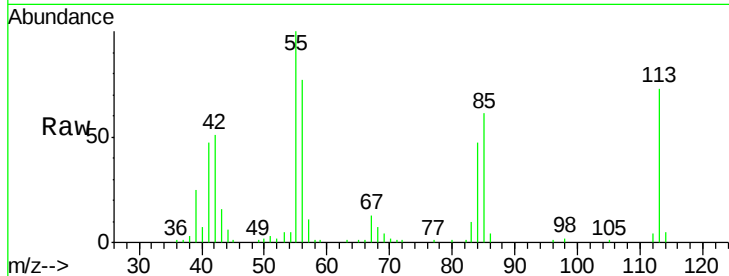
Acq: 28 Mar 2016 17:54

Instrument :

BNA_F

ClientSampleId :

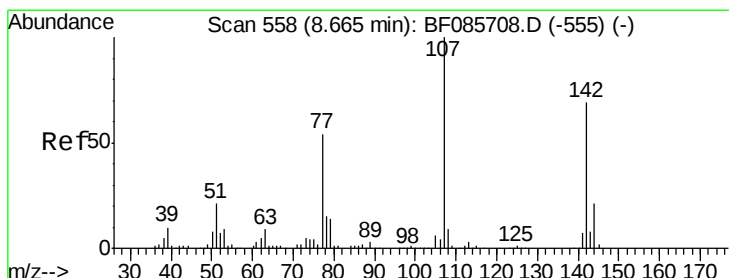
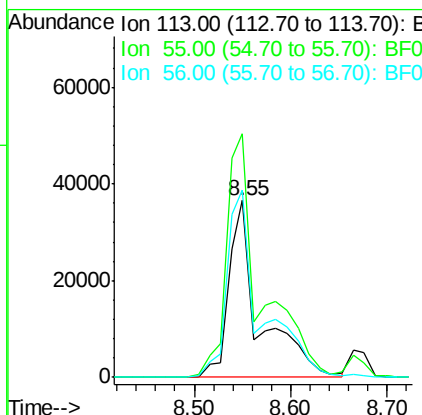
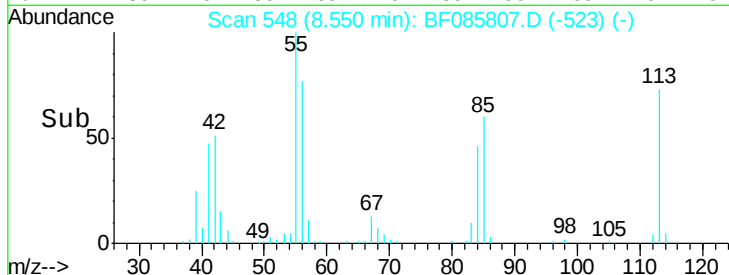
PB89249BS



Tgt Ion:	113	Resp:	81109
Ion Ratio	Lower	Upper	
113	100		
55	137.6	139.4	179.4#
56	105.6	100.4	140.4

Manual Integrations
APPROVED

Sohil
3/29/2016 7:53:44 PM



#36

4-Chloro-3-methylphenol

Concen: 38.61 ng

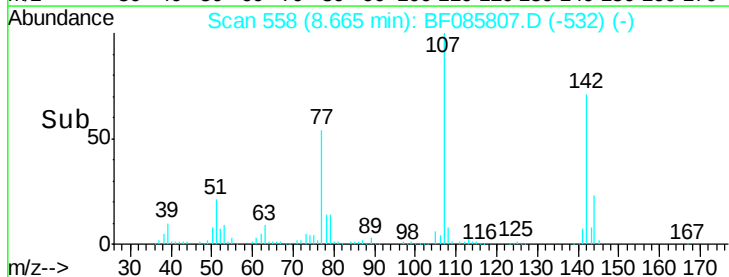
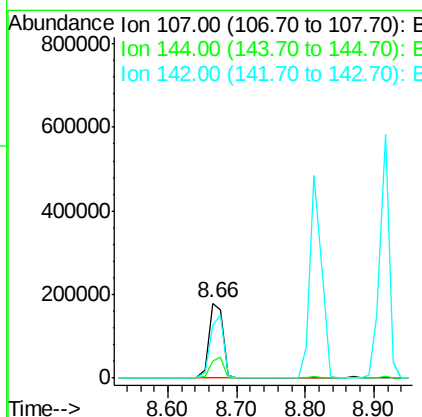
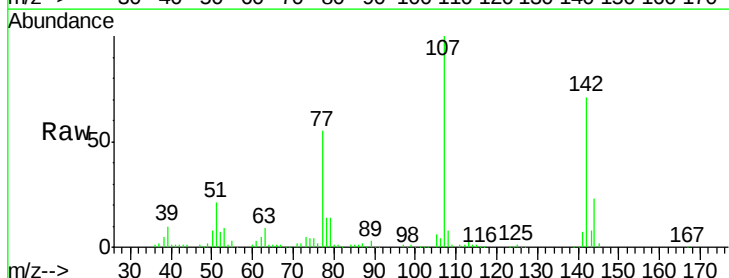
RT: 8.66 min Scan# 558

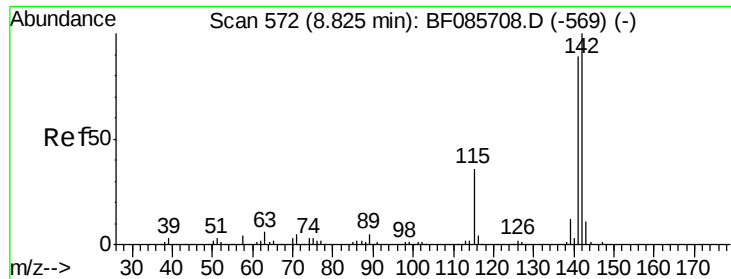
Delta R.T. 0.00 min

Lab File: BF085807.D

Acq: 28 Mar 2016 17:54

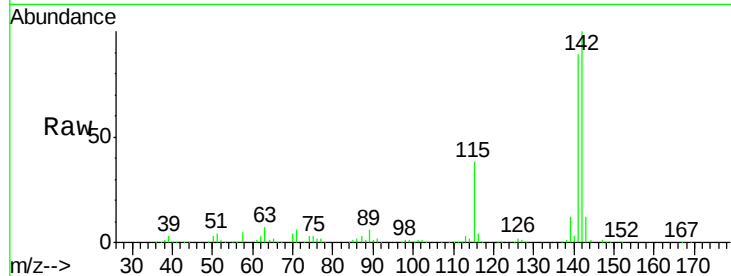
Tgt Ion:	107	Resp:	260735
Ion Ratio	Lower	Upper	
107	100		
144	22.6	19.3	28.9
142	70.9	61.4	92.0





#37
 2-Methylnaphthalene
 Concen: 43.13 ng
 RT: 8.81 min Scan# 571
 Delta R.T. -0.01 min
 Lab File: BF085807.D
 Acq: 28 Mar 2016 17:54

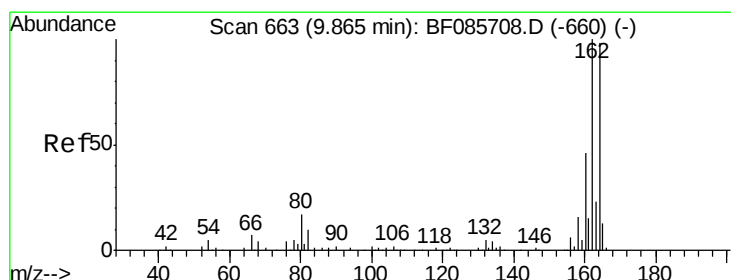
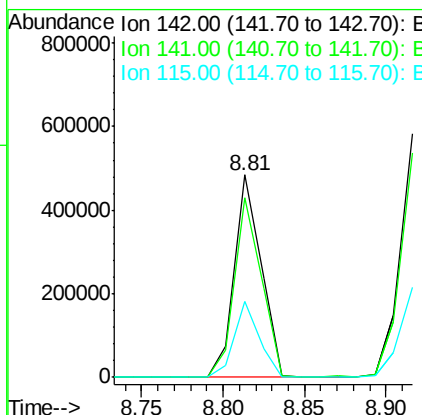
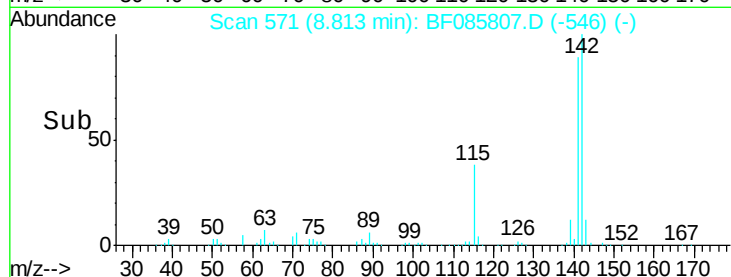
Instrument :
 BNA_F
 ClientSampleId :
 PB89249BS



Tgt Ion	Ratio	Lower	Upper
142	100		
141	89.0	71.6	107.4
115	37.8	26.8	40.2

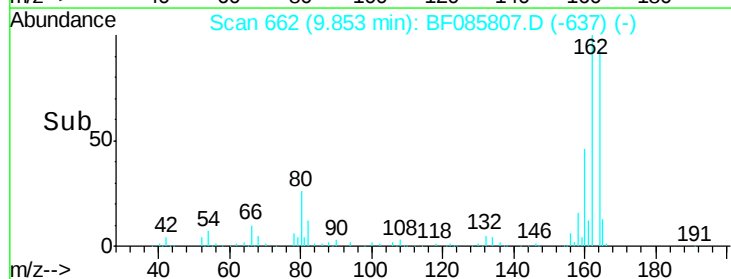
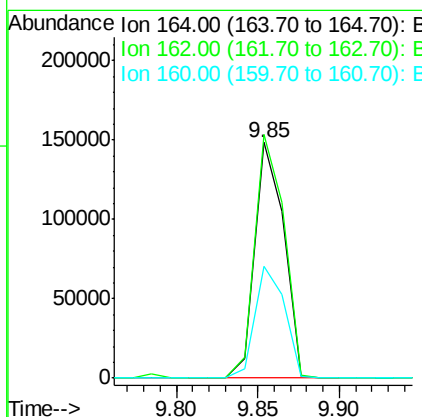
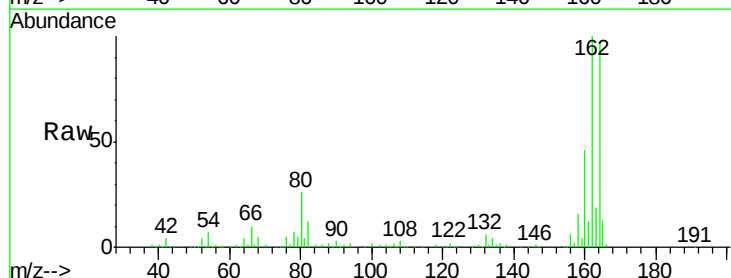
Manual Integrations
 APPROVED

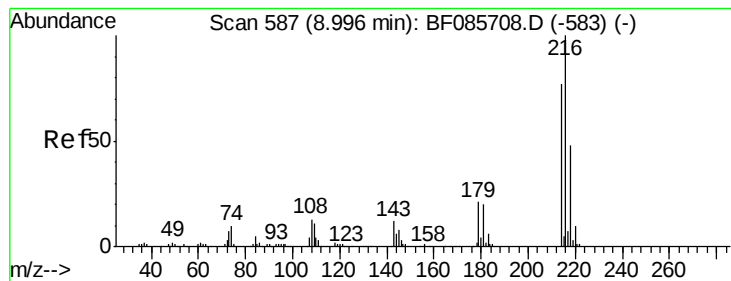
Sohil
 3/29/2016 7:53:44 PM



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.85 min Scan# 662
 Delta R.T. -0.01 min
 Lab File: BF085807.D
 Acq: 28 Mar 2016 17:54

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.5	82.1	123.1
160	47.6	37.4	56.2





#39

1,2,4,5-Tetrachlorobenzene

Concen: 42.77 ng

RT: 8.98 min Scan# 586

Delta R.T. -0.01 min

Lab File: BF085807.D

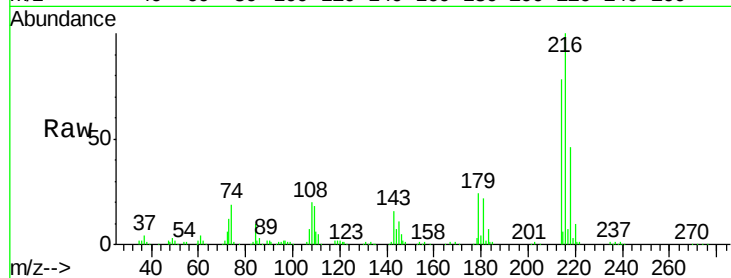
Acq: 28 Mar 2016 17:54

Instrument :

BNA_F

ClientSampleId :

PB89249BS



Tgt Ion: 216 Resp: 232479

Ion Ratio Lower Upper

216 100

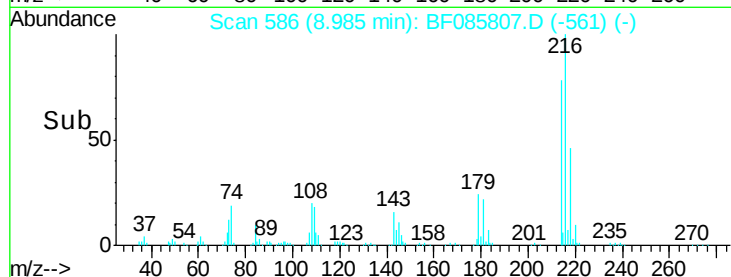
214 78.5 63.1 94.7

179 23.5 18.2 27.2

108 23.9 17.3 25.9

Manual Integrations
APPROVED

Sohil
3/29/2016 7:53:44 PM



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

Time-->

8.90 8.95 9.00 9.05

400000

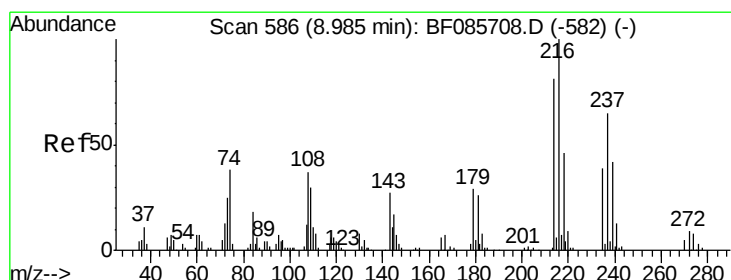
300000

200000

100000

0

8.98



#40

Hexachlorocyclopentadiene

Concen: 77.12 ng

RT: 8.97 min Scan# 585

Delta R.T. -0.01 min

Lab File: BF085807.D

Acq: 28 Mar 2016 17:54

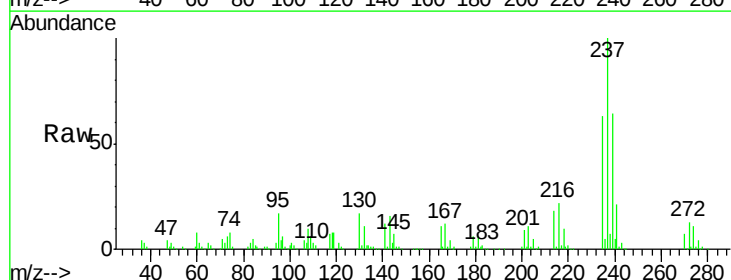
Tgt Ion: 237 Resp: 173856

Ion Ratio Lower Upper

237 100

235 62.9 43.7 83.7

272 12.8 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

Time-->

8.90 8.95 9.00

250000

200000

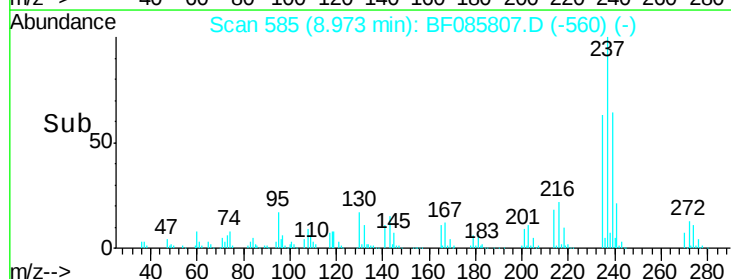
150000

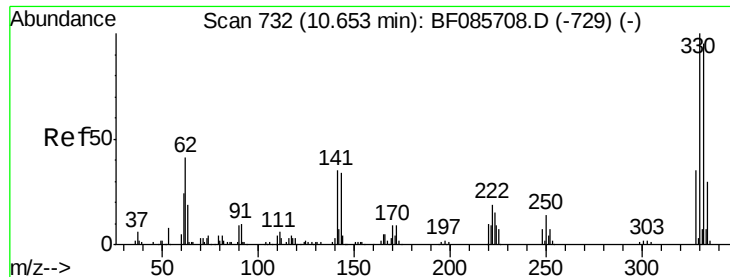
100000

50000

0

8.97





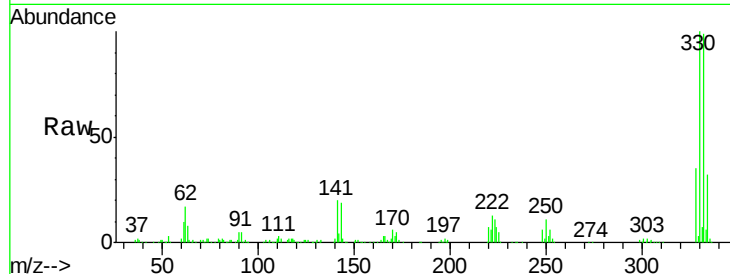
#41
 2,4,6-Tribromophenol
 Concen: 148.91 ng
 RT: 10.65 min Scan# 732
 Delta R.T. 0.00 min
 Lab File: BF085807.D
 Acq: 28 Mar 2016 17:54

Instrument :
 BNA_F
 ClientSampleId :
 PB89249BS

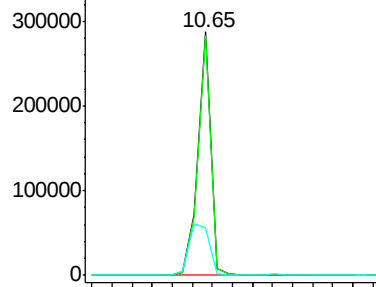
Tgt Ion	Ratio	Resp	Lower	Upper
330	100	259325		
332	97.7	78.2	117.2	
141	33.2	31.5	47.3	

Manual Integrations
 APPROVED

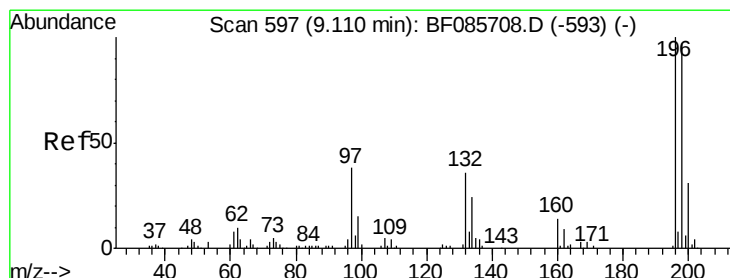
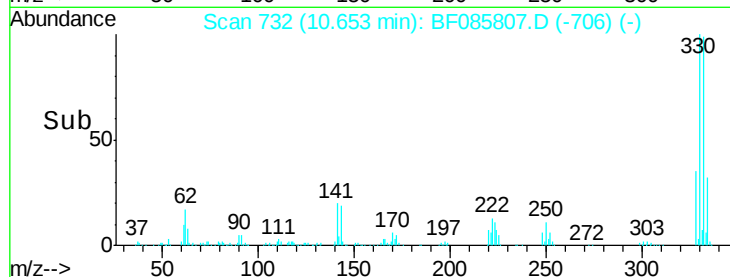
Sohil
 3/29/2016 7:53:44 PM



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



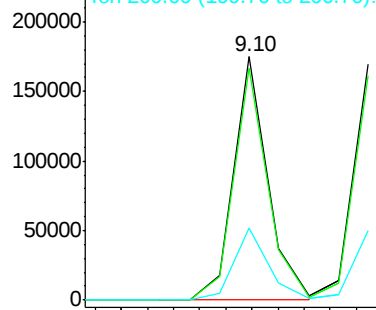
Time-->



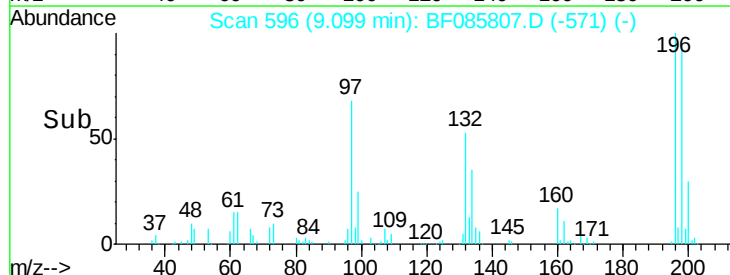
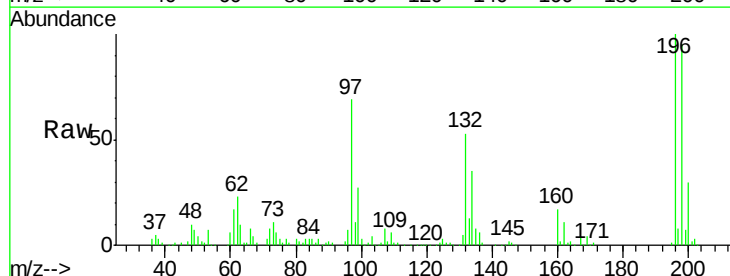
#42
 2,4,6-Trichlorophenol
 Concen: 43.51 ng
 RT: 9.10 min Scan# 596
 Delta R.T. -0.01 min
 Lab File: BF085807.D
 Acq: 28 Mar 2016 17:54

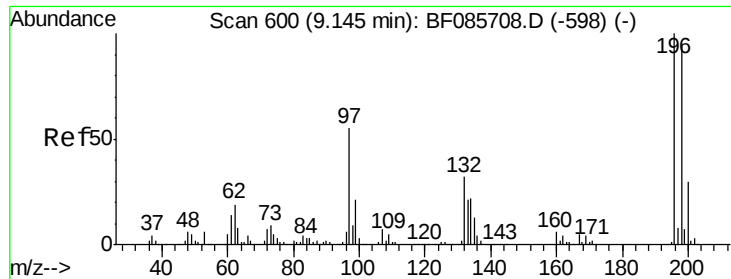
Tgt Ion	Ratio	Resp	Lower	Upper
196	100	159741		
198	95.4	75.3	112.9	
200	29.8	23.7	35.5	

Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E



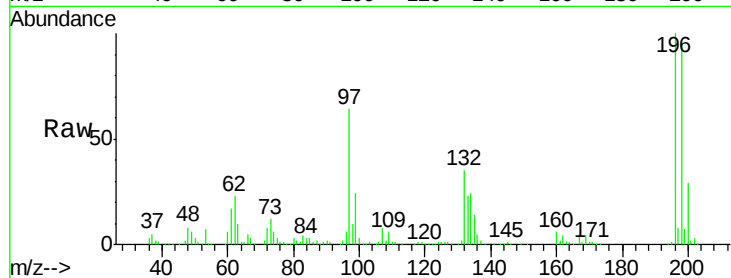
Time-->





#43
 2,4,5-Trichlorophenol
 Concen: 43.30 ng
 RT: 9.14 min Scan# 600
 Delta R.T. 0.00 min
 Lab File: BF085807.D
 Acq: 28 Mar 2016 17:54

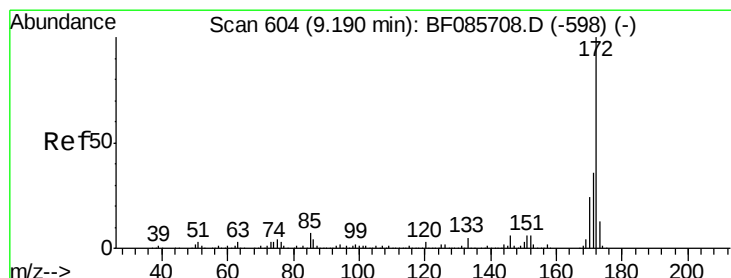
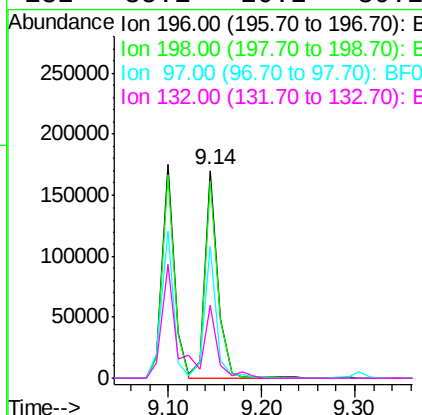
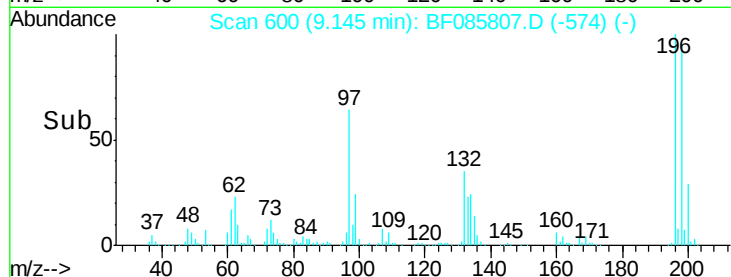
Instrument :
 BNA_F
 ClientSampleId :
 PB89249BS



Tgt Ion	Ratio	Resp	Lower	Upper
196	100	166701		
198	94.8	76.6	114.8	
97	63.8	30.5	45.7#	
132	35.1	20.2	30.2#	

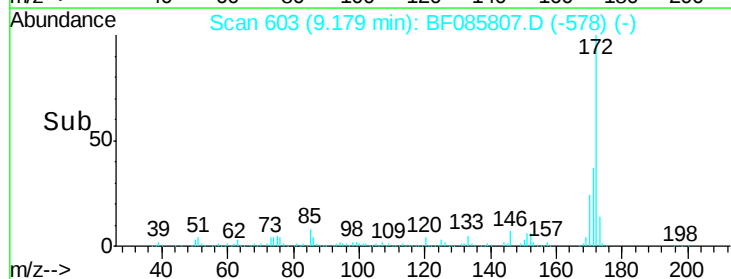
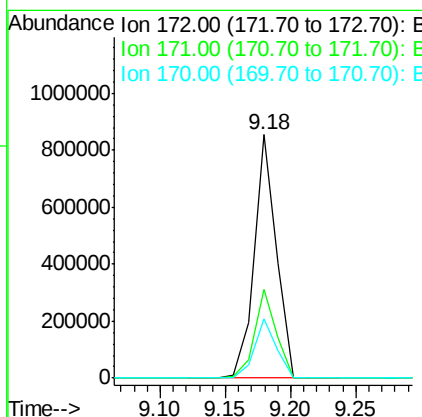
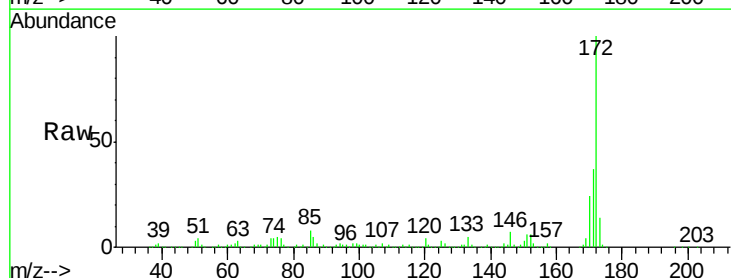
Manual Integrations
 APPROVED

Sohil
 3/29/2016 7:53:44 PM



#44
 2-Fluorobiphenyl
 Concen: 91.70 ng
 RT: 9.18 min Scan# 603
 Delta R.T. -0.01 min
 Lab File: BF085807.D
 Acq: 28 Mar 2016 17:54

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1006047		
171	36.5	29.4	44.2	
170	24.3	19.8	29.6	





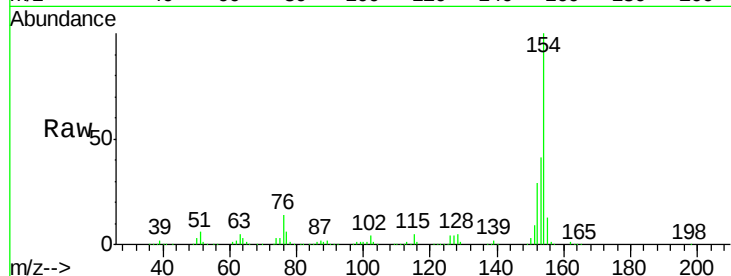
#45
 1,1'-Biphenyl
 Concen: 42.09 ng
 RT: 9.28 min Scan# 612
 Delta R.T. -0.01 min
 Lab File: BF085807.D
 Acq: 28 Mar 2016 17:54

Instrument :
 BNA_F
 ClientSampleId :
 PB89249BS

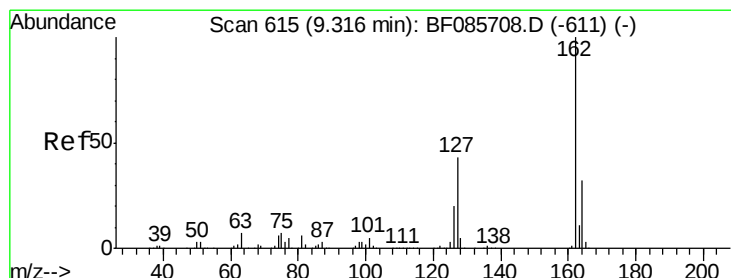
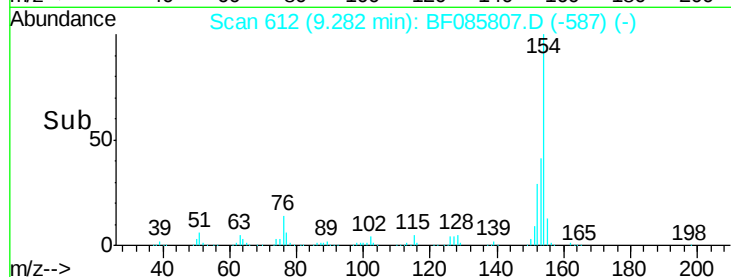
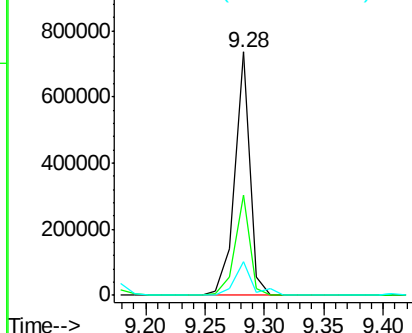
Tgt Ion	Ratio	Resp	Lower	Upper
154	100	651032		
153	41.1	20.8	60.8	
76	13.7	0.0	36.7	

Manual Integrations
 APPROVED

Sohil
 3/29/2016 7:53:44 PM

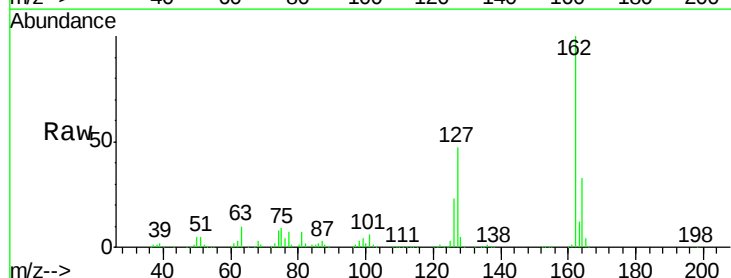


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

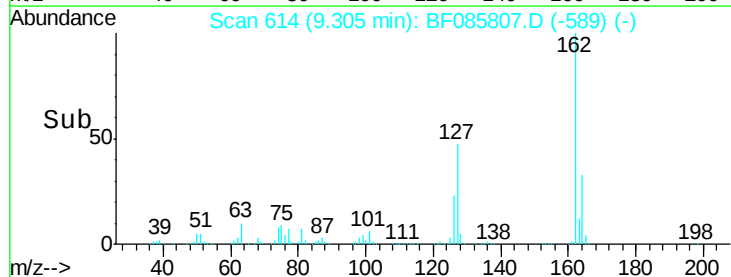
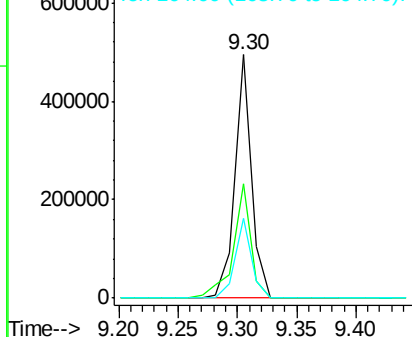


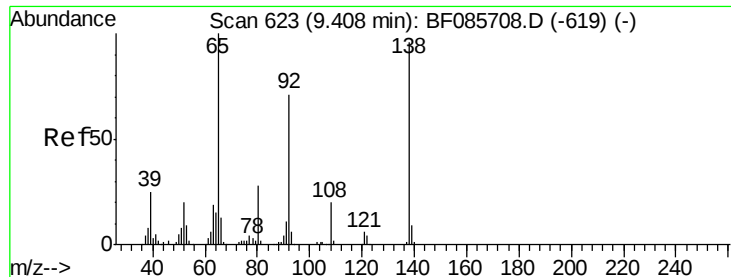
#46
 2-Chloronaphthalene
 Concen: 42.21 ng
 RT: 9.30 min Scan# 614
 Delta R.T. -0.01 min
 Lab File: BF085807.D
 Acq: 28 Mar 2016 17:54

Tgt Ion	Ratio	Resp	Lower	Upper
162	100	480058		
127	46.8	31.7	47.5	
164	32.8	27.3	40.9	



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





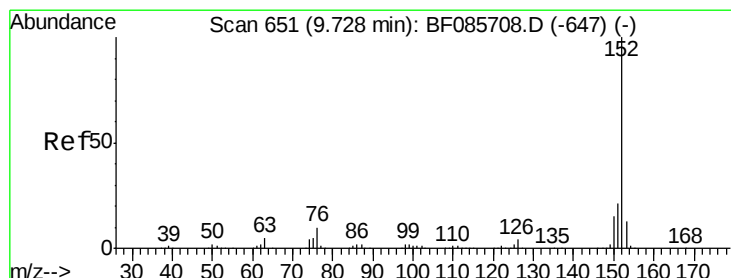
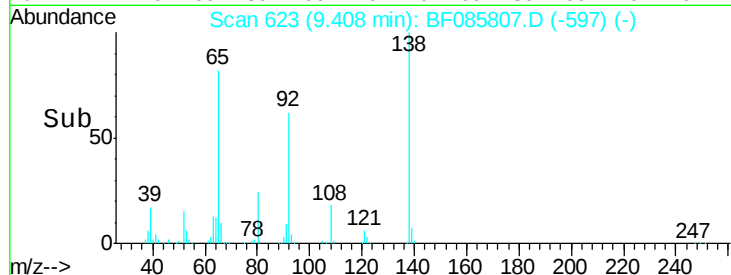
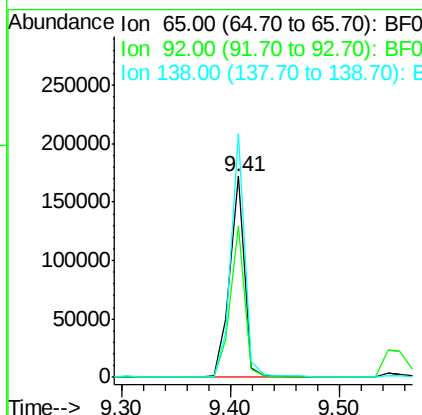
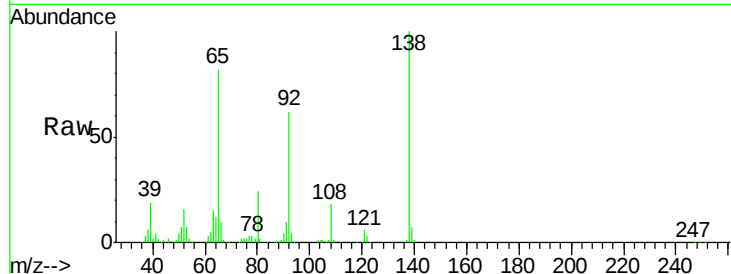
#47
2-Nitroaniline
Concen: 46.54 ng
RT: 9.41 min Scan# 623
Delta R.T. 0.00 min
Lab File: BF085807.D
Acq: 28 Mar 2016 17:54

Instrument :
BNA_F
ClientSampleId :
PB89249BS

Tgt Ion	Ratio	Lower	Upper
65	100		
92	75.4	59.7	89.5
138	121.2	91.4	137.0

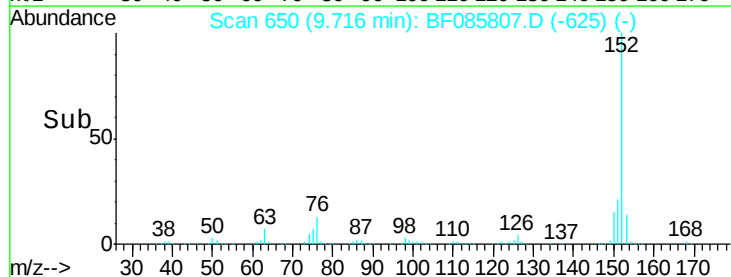
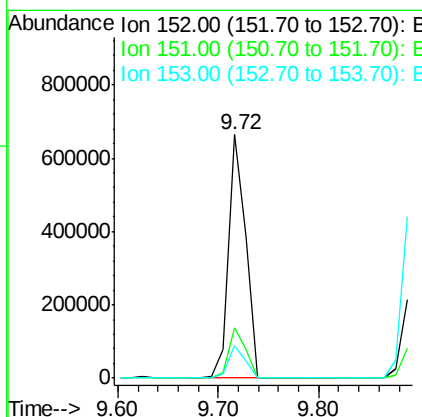
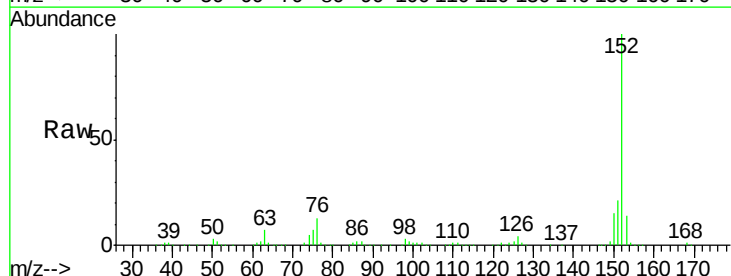
Manual Integrations
APPROVED

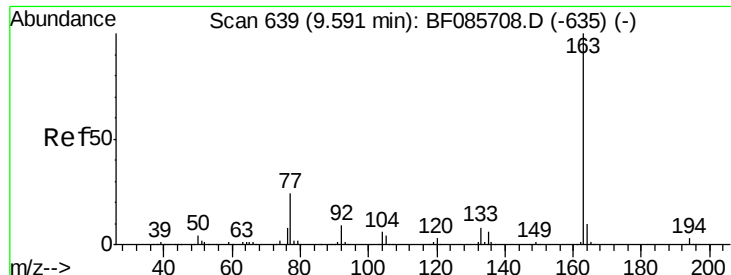
Sohil
3/29/2016 7:53:44 PM



#48
Acenaphthylene
Concen: 42.15 ng
RT: 9.72 min Scan# 650
Delta R.T. -0.01 min
Lab File: BF085807.D
Acq: 28 Mar 2016 17:54

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.9	16.8	25.2
153	13.5	10.9	16.3





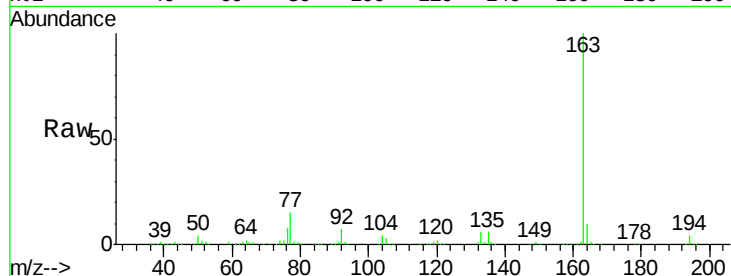
#49
Dimethylphthalate
Concen: 44.09 ng
RT: 9.59 min Scan# 639
Delta R.T. 0.00 min
Lab File: BF085807.D
Acq: 28 Mar 2016 17:54

Instrument :
BNA_F
ClientSampleId :
PB89249BS

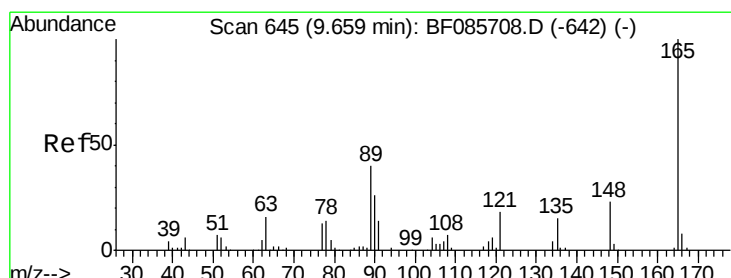
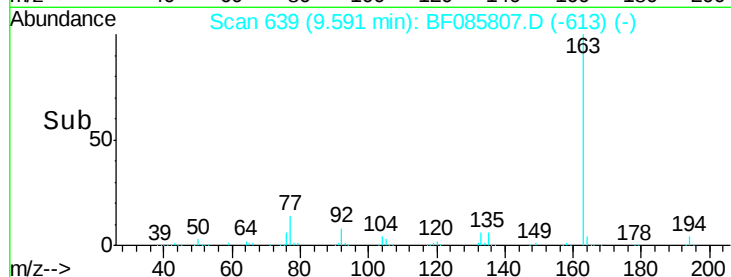
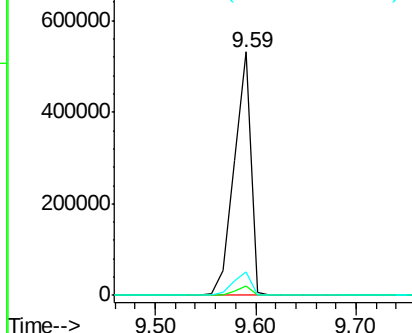
Tgt Ion	Ratio	Resp Lower	Resp Upper
163	100		
194	3.9	2.9	4.3
164	9.7	8.3	12.5

Manual Integrations
APPROVED

Sohil
3/29/2016 7:53:44 PM

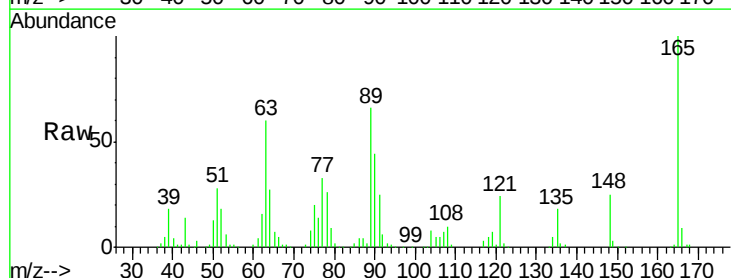


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

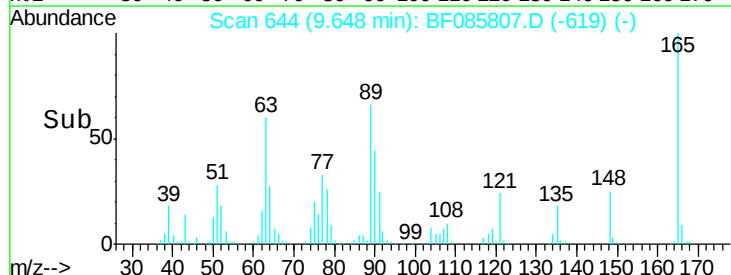
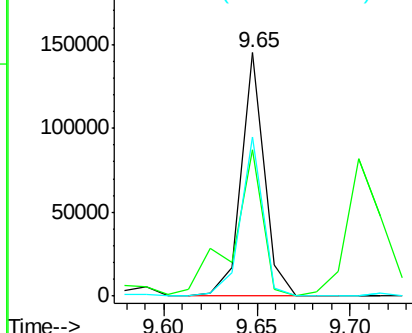


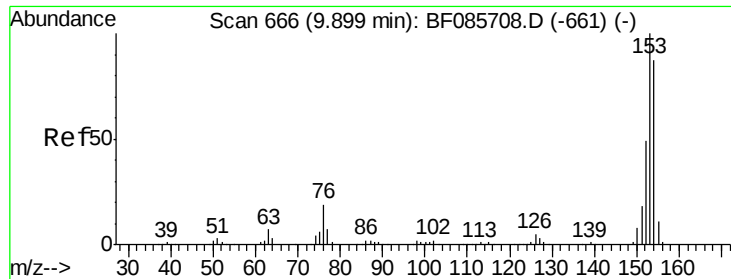
#50
2,6-Dinitrotoluene
Concen: 41.82 ng
RT: 9.65 min Scan# 644
Delta R.T. -0.01 min
Lab File: BF085807.D
Acq: 28 Mar 2016 17:54

Tgt Ion	Ratio	Resp Lower	Resp Upper
165	100		
63	60.1	51.8	77.8
89	65.6	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: 40.87 ng

RT: 9.89 min Scan# 665

Delta R.T. -0.01 min

Lab File: BF085807.D

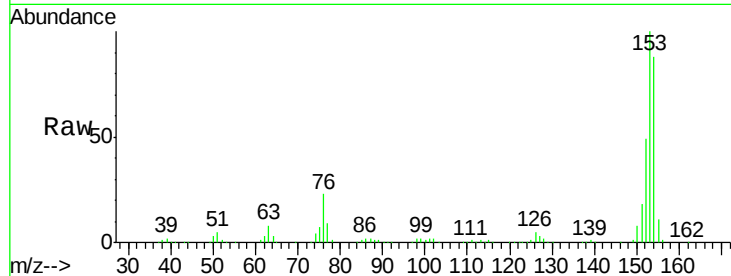
Acq: 28 Mar 2016 17:54

Instrument :

BNA_F

ClientSampleId :

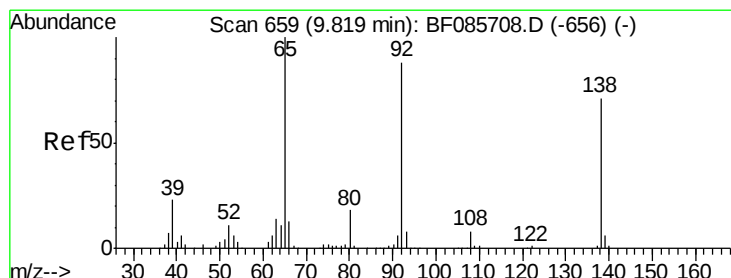
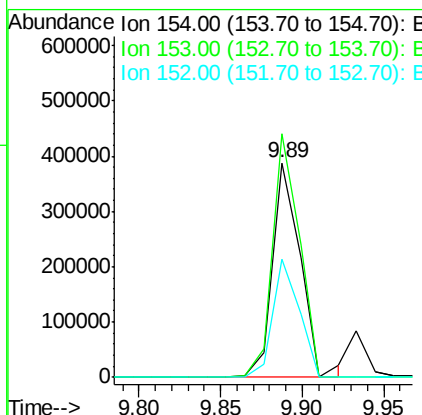
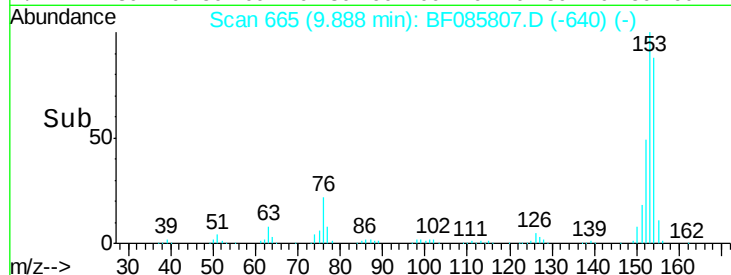
PB89249BS



Tgt Ion:	154	Resp:	462645
Ion Ratio	Lower	Upper	
154	100		
153	113.6	90.1	135.1
152	55.3	44.2	66.2

Manual Integrations
APPROVED

Sohil
3/29/2016 7:53:44 PM



#52

3-Nitroaniline

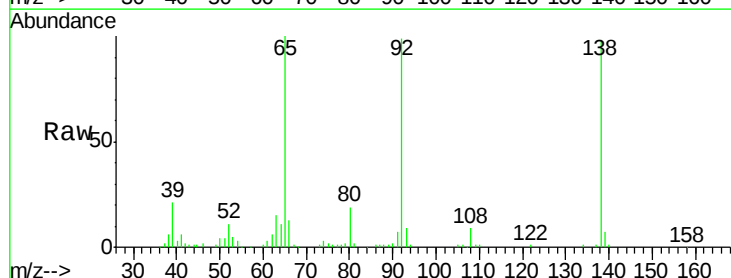
Concen: 20.30 ng

RT: 9.82 min Scan# 659

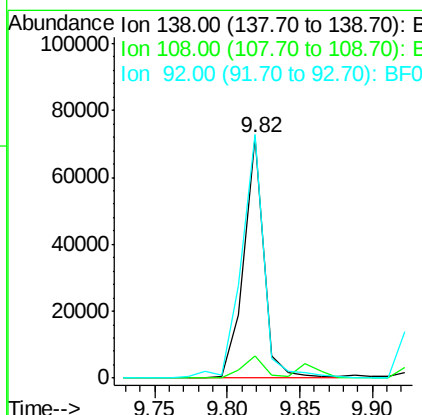
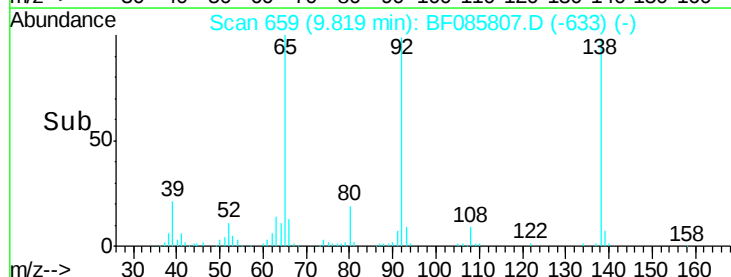
Delta R.T. 0.00 min

Lab File: BF085807.D

Acq: 28 Mar 2016 17:54



Tgt Ion:	138	Resp:	69558
Ion Ratio	Lower	Upper	
138	100		
108	9.3	8.7	13.1
92	101.0	93.3	139.9





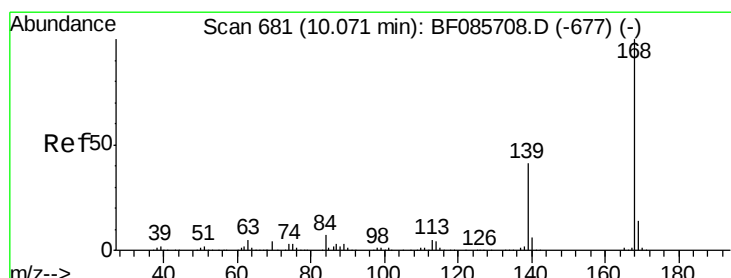
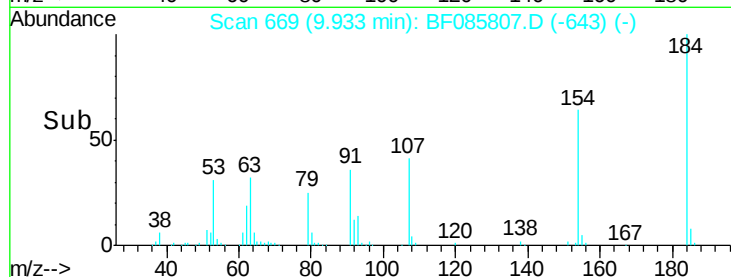
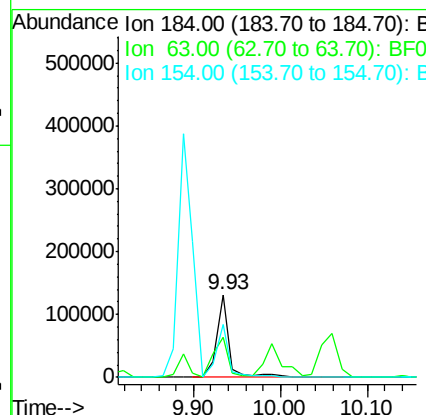
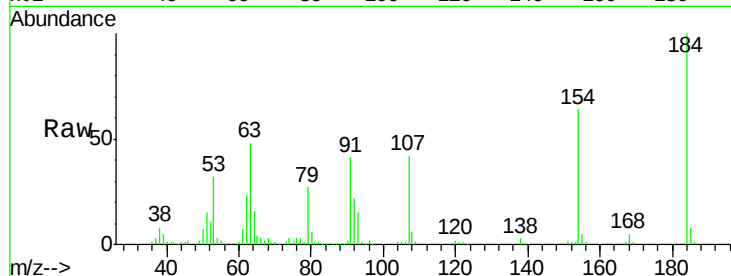
#53
2,4-Dinitrophenol
Concen: 87.29 ng
RT: 9.93 min Scan# 669
Delta R.T. 0.00 min
Lab File: BF085807.D
Acq: 28 Mar 2016 17:54

Instrument :
BNA_F
ClientSampleId :
PB89249BS

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	132908		
63	48.1	69.5	104.3#	
154	63.5	58.3	87.5	

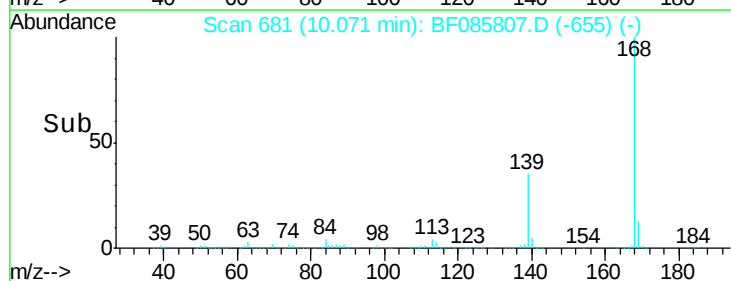
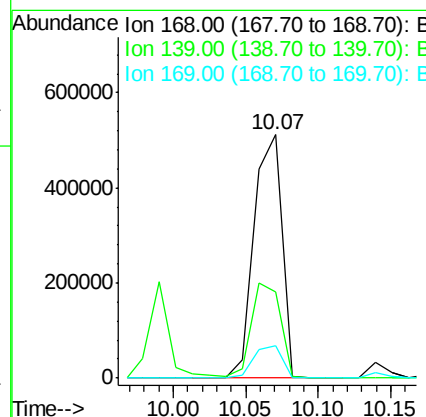
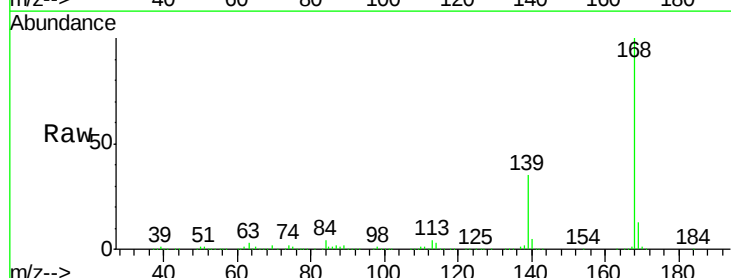
Manual Integrations
APPROVED

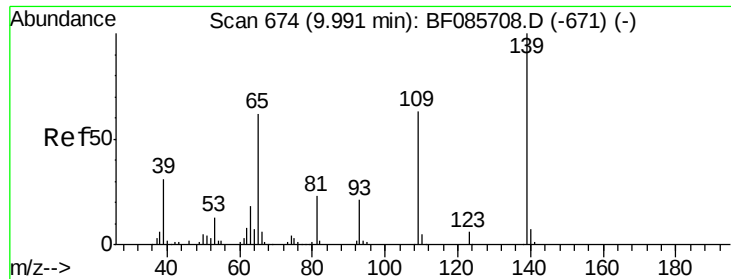
Sohil
3/29/2016 7:53:44 PM



#54
Dibenzofuran
Concen: 46.58 ng
RT: 10.07 min Scan# 681
Delta R.T. 0.00 min
Lab File: BF085807.D
Acq: 28 Mar 2016 17:54

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	682426		
139	35.3	31.9	47.9	
169	13.2	11.0	16.6	





#55

4-Nitrophenol

Concen: 86.21 ng

RT: 9.99 min Scan# 674

Delta R.T. 0.00 min

Lab File: BF085807.D

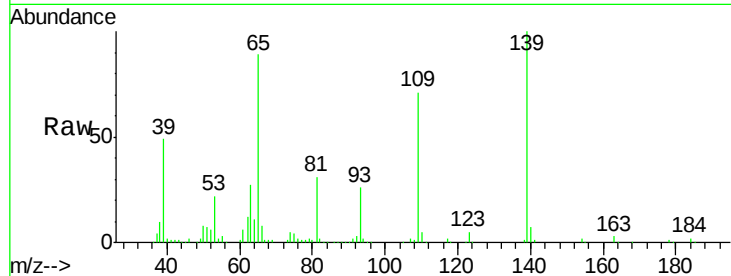
Acq: 28 Mar 2016 17:54

Instrument :

BNA_F

ClientSampleId :

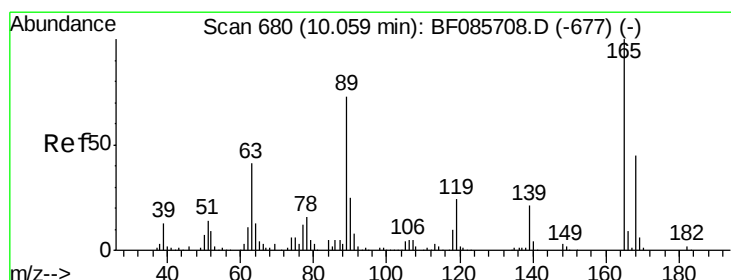
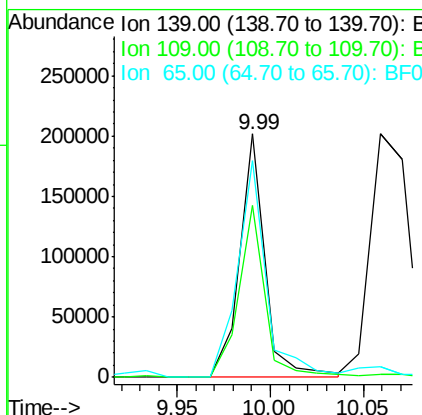
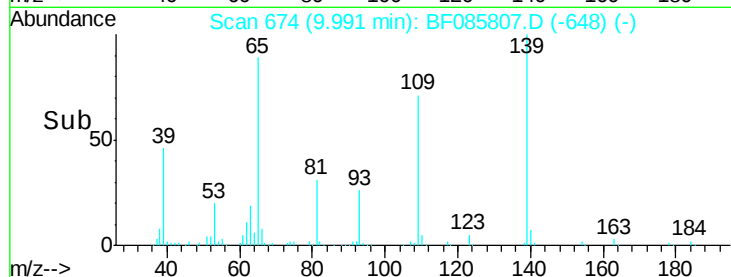
PB89249BS



Tgt Ion	Ratio	Resp	Lower	Upper
139	100	192430		
109	70.5	49.2	89.2	
65	89.2	66.9	106.9	

Manual Integrations
APPROVED

Sohil
3/29/2016 7:53:44 PM



#56

2,4-Dinitrotoluene

Concen: 45.92 ng

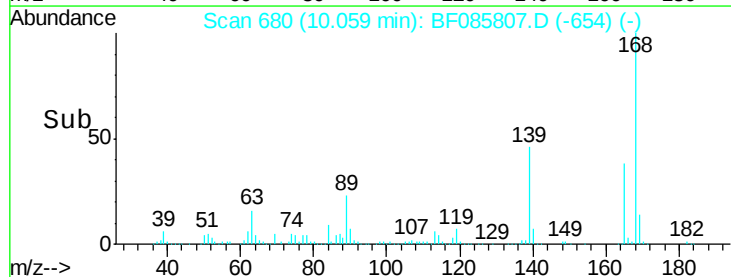
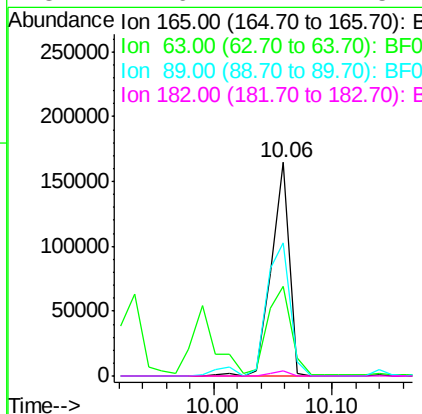
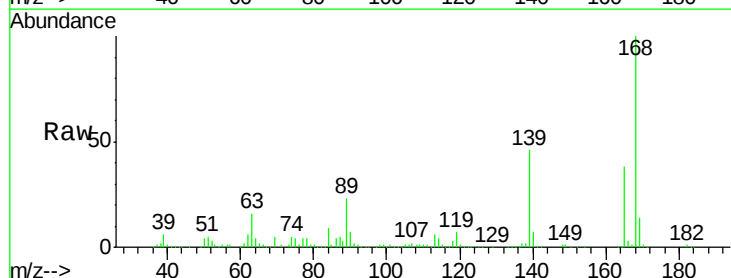
RT: 10.06 min Scan# 680

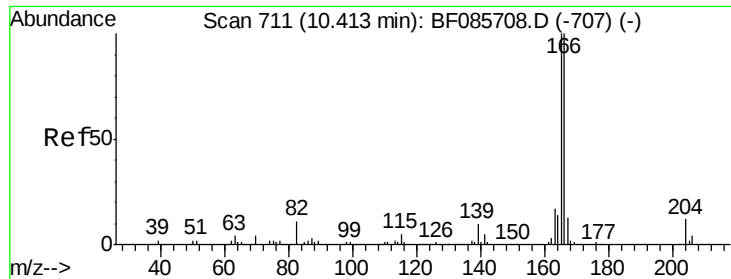
Delta R.T. 0.00 min

Lab File: BF085807.D

Acq: 28 Mar 2016 17:54

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	174689		
63	42.0	24.9	37.3#	
89	62.1	41.0	61.6#	
182	2.6	2.1	3.1	





#57

Fluorene

Concen: 41.41 ng

RT: 10.40 min Scan# 710

Delta R.T. -0.01 min

Lab File: BF085807.D

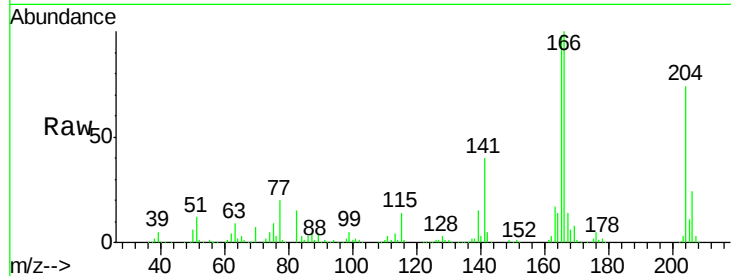
Acq: 28 Mar 2016 17:54

Instrument :

BNA_F

ClientSampled :

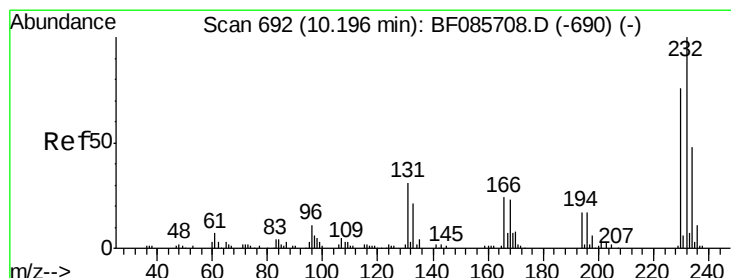
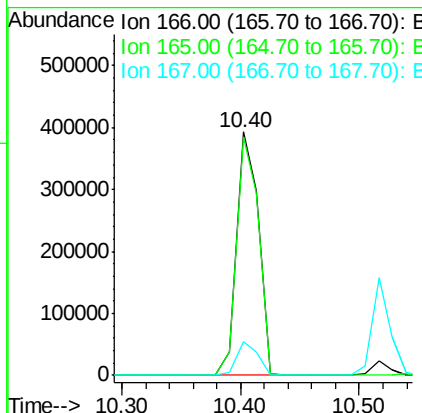
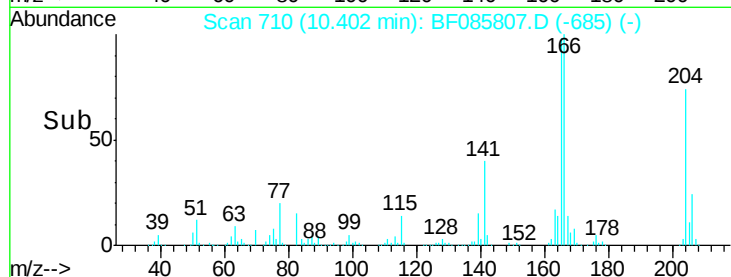
PB89249BS



Tgt Ion	Ratio	Resp	Lower	Upper
166	100	504260		
165	98.2	79.4	119.0	
167	13.8	11.0	16.4	

Manual Integrations
APPROVED

Sohil
3/29/2016 7:53:44 PM



#58

2,3,4,6-Tetrachlorophenol

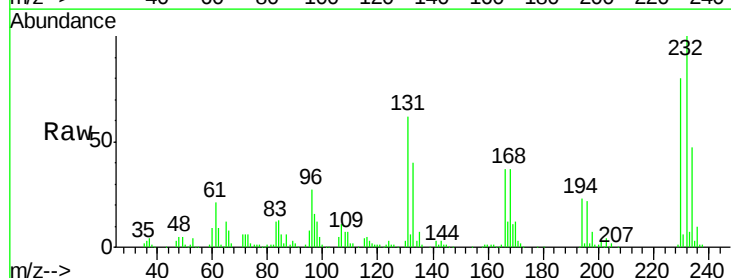
Concen: 47.42 ng

RT: 10.18 min Scan# 691

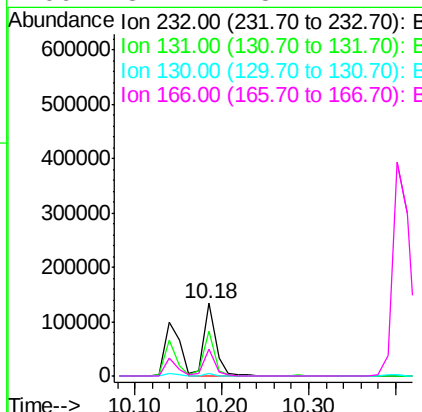
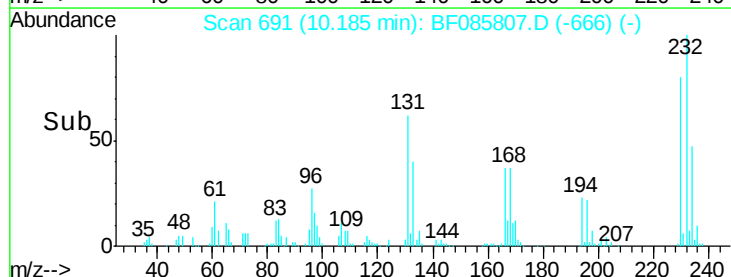
Delta R.T. -0.01 min

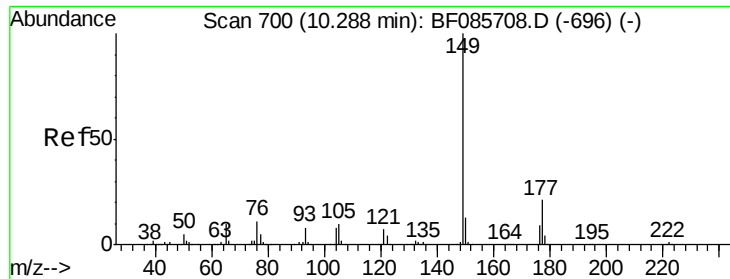
Lab File: BF085807.D

Acq: 28 Mar 2016 17:54



Tgt Ion	Ratio	Resp	Lower	Upper
232	100	126882		
131	58.1	44.9	67.3	
130	2.9	2.3	3.5	
166	34.1	28.1	42.1	





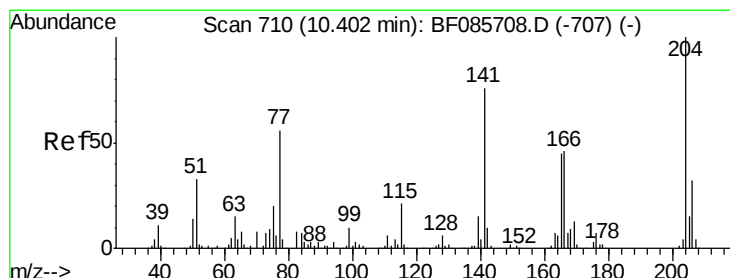
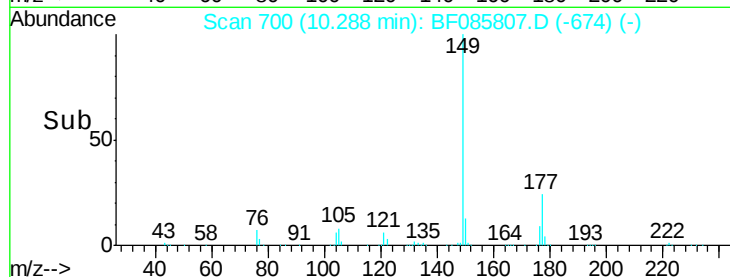
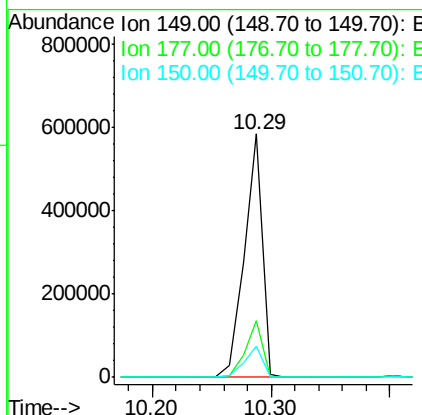
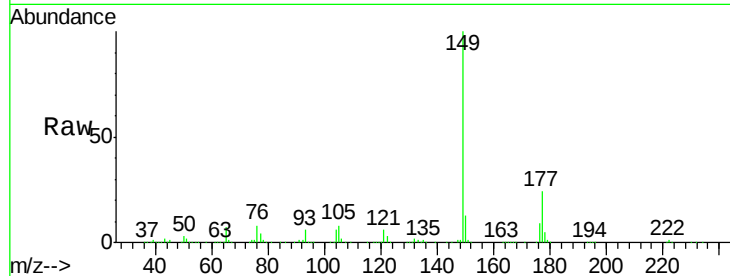
#59
Diethylphthalate
Concen: 44.76 ng
RT: 10.29 min Scan# 700
Delta R.T. 0.00 min
Lab File: BF085807.D
Acq: 28 Mar 2016 17:54

Instrument :
BNA_F
ClientSampleId :
PB89249BS

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	614901		
177	23.5	17.9	26.9	
150	12.6	10.2	15.2	

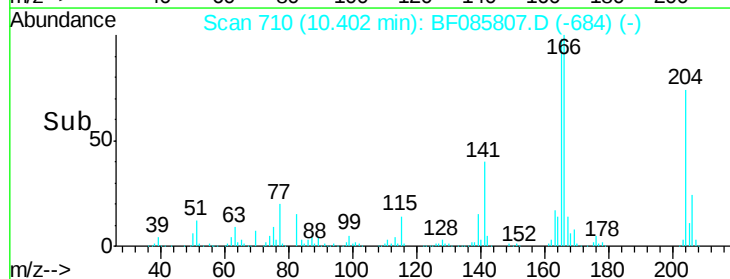
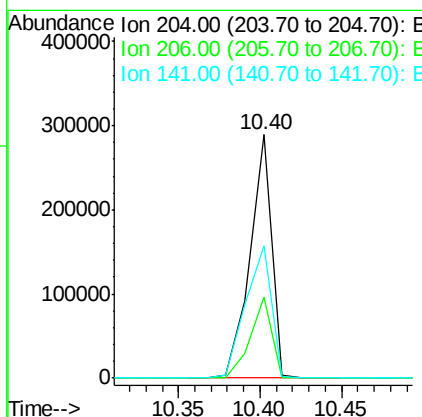
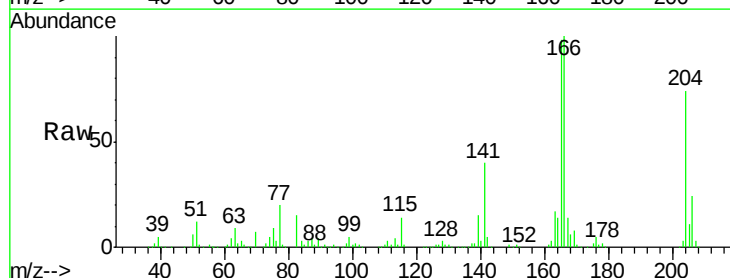
Manual Integrations
APPROVED

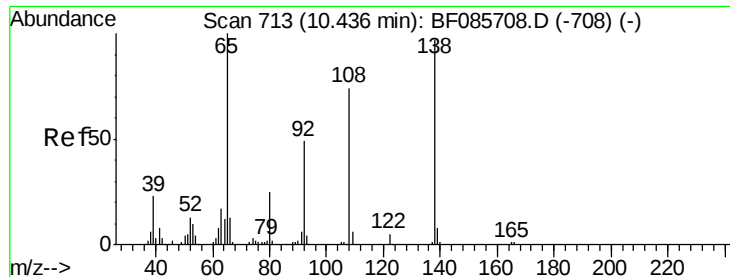
Sohil
3/29/2016 7:53:44 PM



#60
4-Chlorophenyl-phenylether
Concen: 44.61 ng
RT: 10.40 min Scan# 710
Delta R.T. 0.00 min
Lab File: BF085807.D
Acq: 28 Mar 2016 17:54

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	265625		
206	33.3	26.6	39.8	
141	54.5	57.4	86.0	





#61

4-Nitroaniline

Concen: 43.09 ng

RT: 10.44 min Scan# 713

Delta R.T. 0.00 min

Lab File: BF085807.D

Acq: 28 Mar 2016 17:54

Instrument :

BNA_F

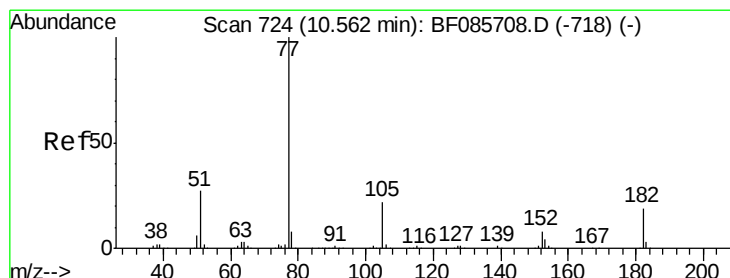
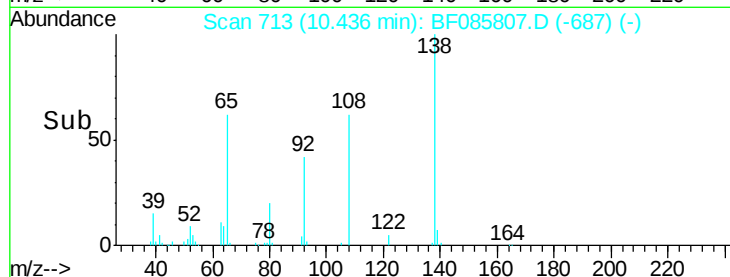
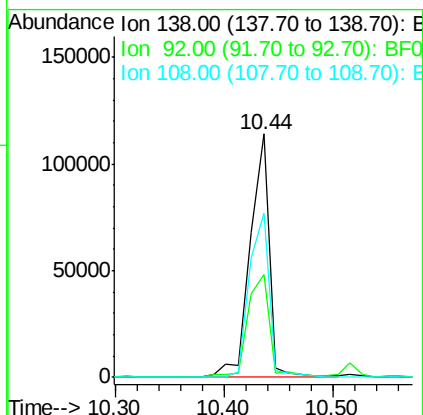
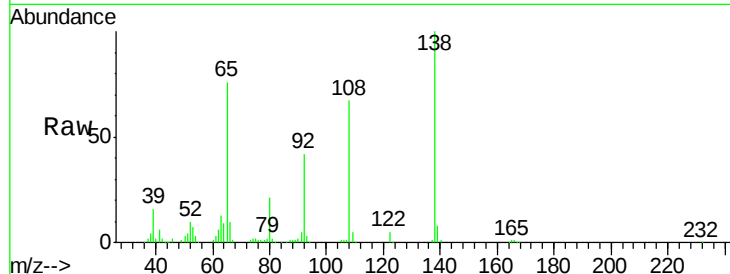
ClientSampleId :

PB89249BS

Tgt Ion:	138	Resp:	141208
Ion Ratio	Lower	Upper	
138	100		
92	42.0	26.4	66.4
108	67.4	49.0	89.0

Manual Integrations
APPROVED

Sohil
3/29/2016 7:53:44 PM



#62

Azobenzene

Concen: 49.16 ng

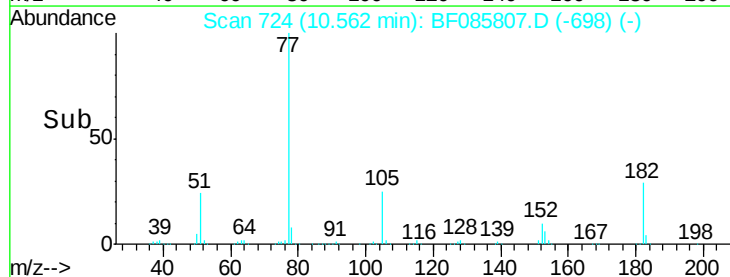
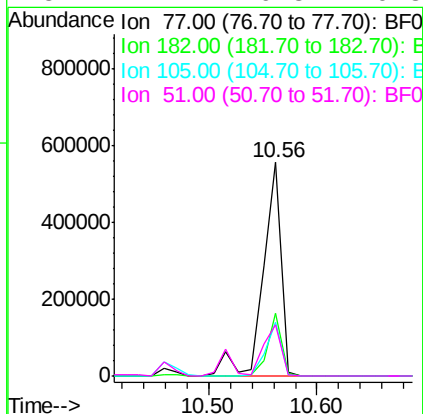
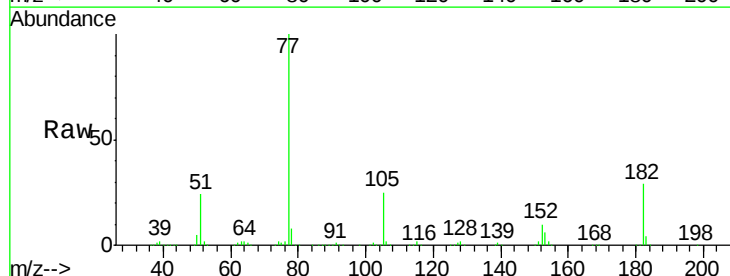
RT: 10.56 min Scan# 724

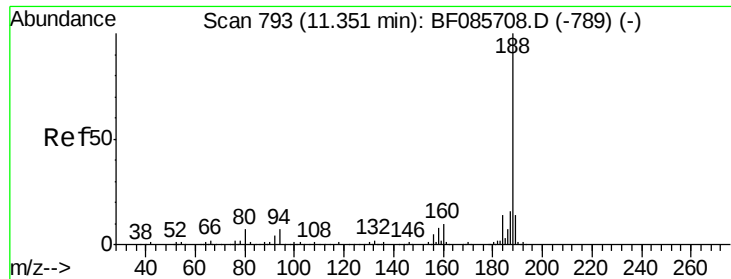
Delta R.T. 0.00 min

Lab File: BF085807.D

Acq: 28 Mar 2016 17:54

Tgt Ion:	77	Resp:	649074
Ion Ratio	Lower	Upper	
77	100		
182	29.2	1.9	41.9
105	25.4	3.5	43.5
51	24.1	6.3	46.3





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.34 min Scan# 792

Delta R.T. -0.01 min

Lab File: BF085807.D

Acq: 28 Mar 2016 17:54

Instrument :

BNA_F

ClientSampleId :

PB89249BS

Tgt Ion:188 Resp: 344772
Ion Ratio Lower Upper

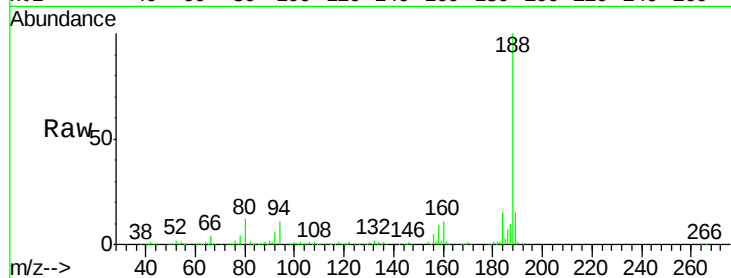
188 100

94 11.0 5.4 8.0#

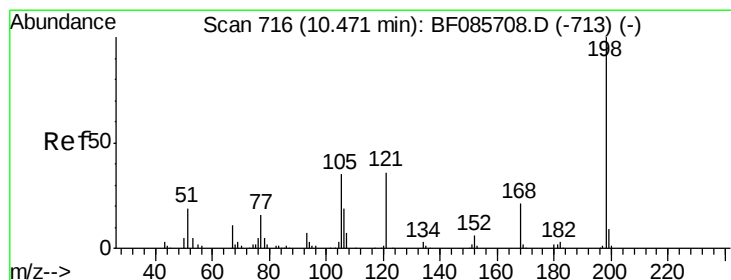
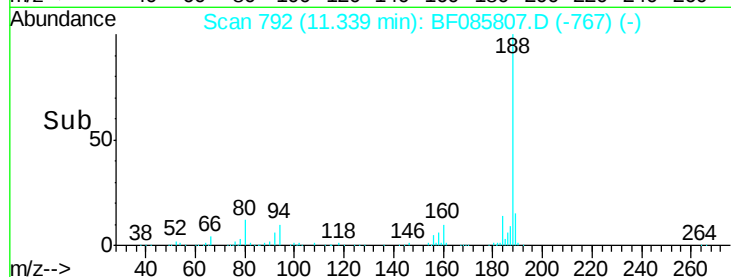
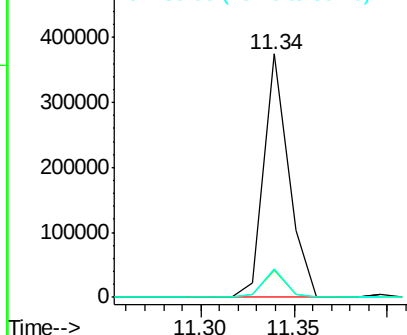
80 11.9 5.5 8.3#

Manual Integrations
APPROVED

Sohil
3/29/2016 7:53:44 PM



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



#64

4,6-Dinitro-2-methylphenol

Concen: 41.17 ng

RT: 10.47 min Scan# 716

Delta R.T. 0.00 min

Lab File: BF085807.D

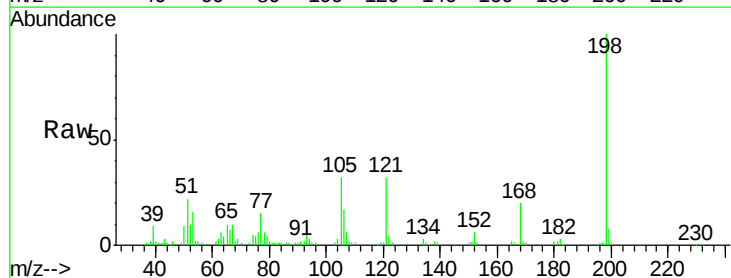
Acq: 28 Mar 2016 17:54

Tgt Ion:198 Resp: 83124
Ion Ratio Lower Upper

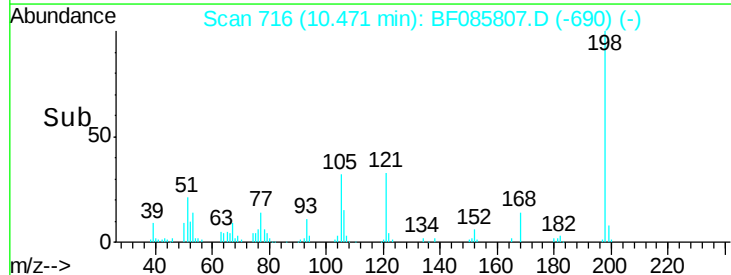
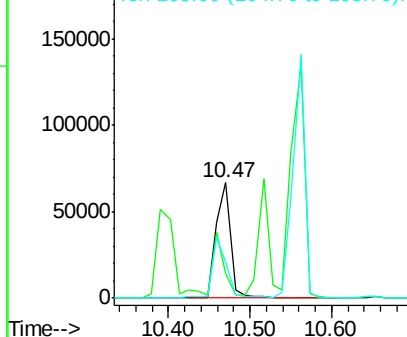
198 100

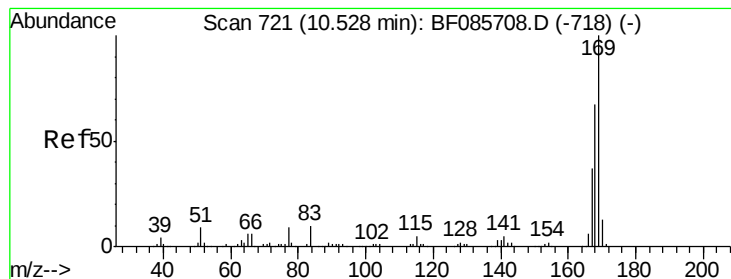
51 21.5 45.4 85.4#

105 31.9 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





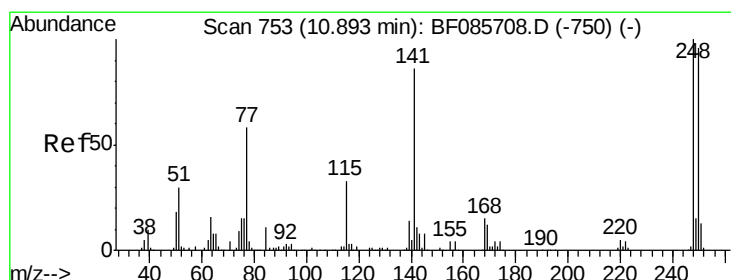
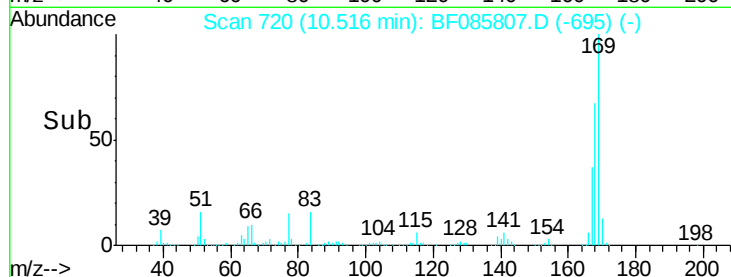
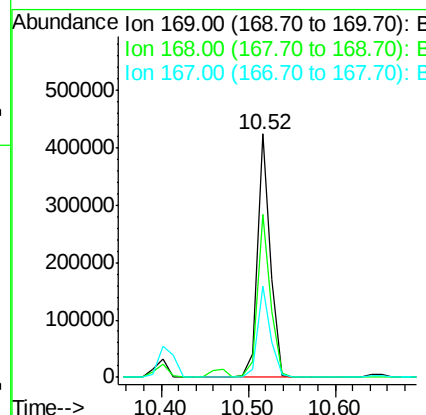
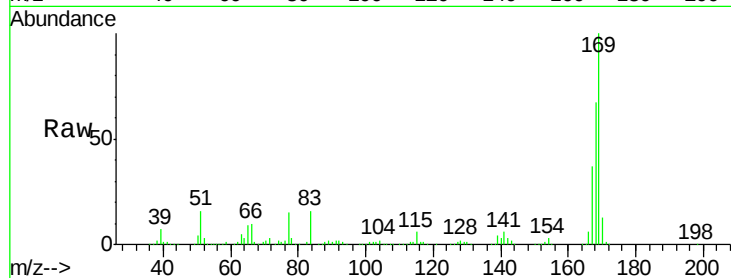
#65
 n-Nitrosodiphenylamine
 Concen: 40.70 ng
 RT: 10.52 min Scan# 720
 Delta R.T. -0.01 min
 Lab File: BF085807.D
 Acq: 28 Mar 2016 17:54

Instrument :
 BNA_F
 ClientSampleId :
 PB89249BS

Manual Integrations
 APPROVED

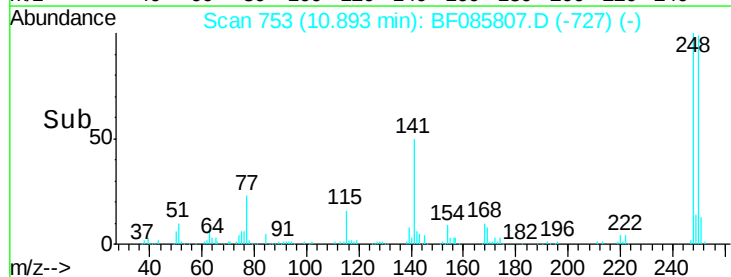
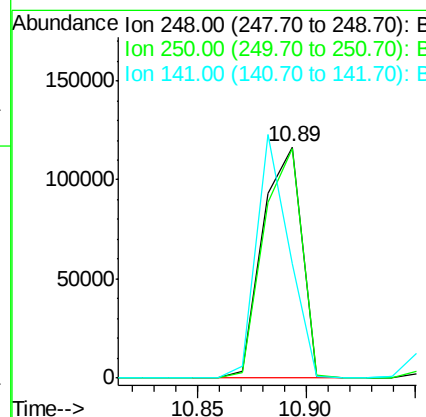
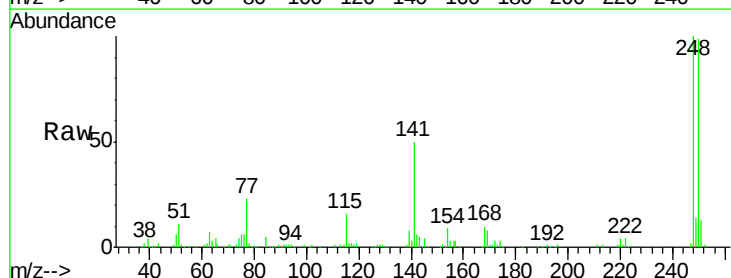
Sohil
 3/29/2016 7:53:44 PM

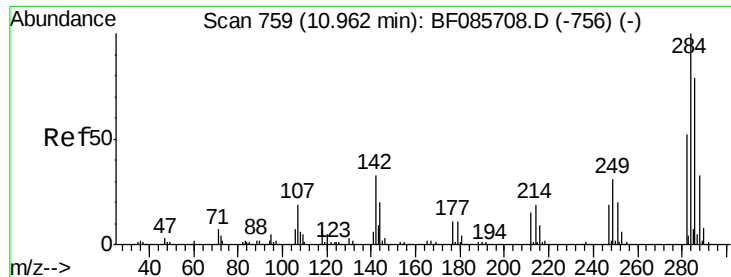
Tgt Ion	Ratio	Resp	Lower	Upper
169	100	444435		
168	67.0		54.4	81.6
167	37.2		29.4	44.0



#66
 4-Bromophenyl-phenylether
 Concen: 41.71 ng
 RT: 10.89 min Scan# 753
 Delta R.T. 0.00 min
 Lab File: BF085807.D
 Acq: 28 Mar 2016 17:54

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	147135		
250	99.1		77.4	116.0
141	49.5		63.6	95.4





#67

Hexachlorobenzene

Concen: 41.54 ng

RT: 10.95 min Scan# 758

Delta R.T. -0.01 min

Lab File: BF085807.D

Acq: 28 Mar 2016 17:54

Instrument :

BNA_F

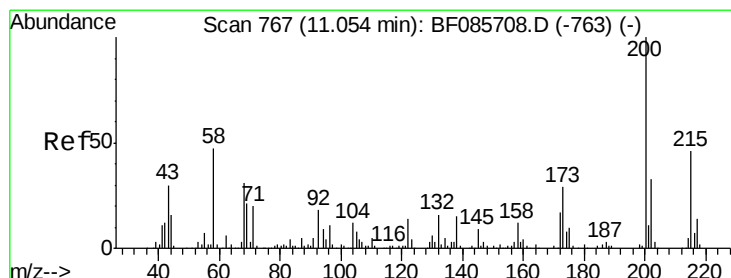
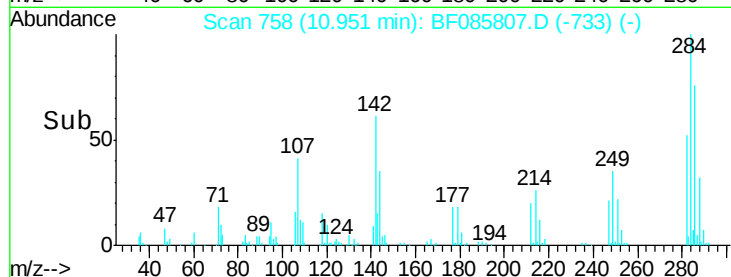
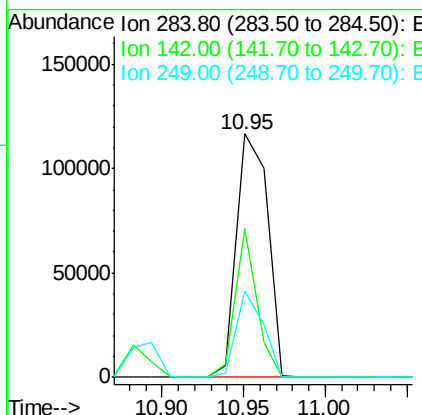
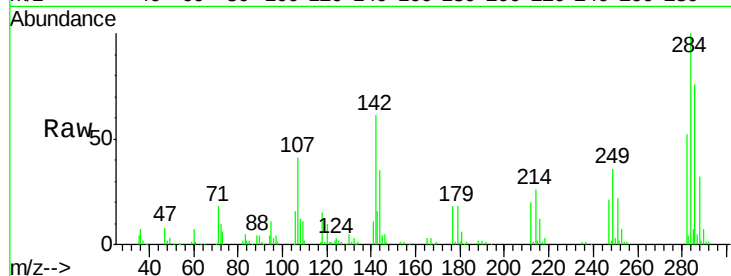
ClientSampleId :

PB89249BS

Tgt Ion:	284	Resp:	153217
Ion Ratio		Lower	Upper
284	100		
142	60.9	23.1	34.7#
249	35.6	24.2	36.2

Manual Integrations
APPROVED

Sohil
3/29/2016 7:53:44 PM



#68

Atrazine

Concen: 38.33 ng

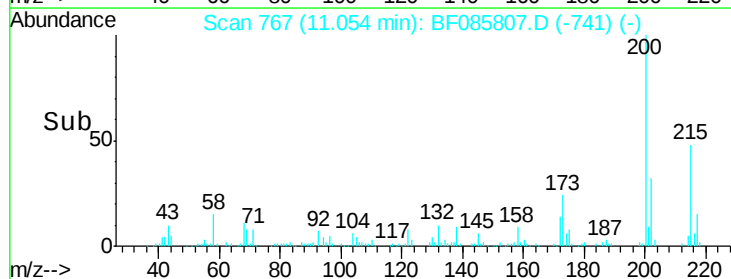
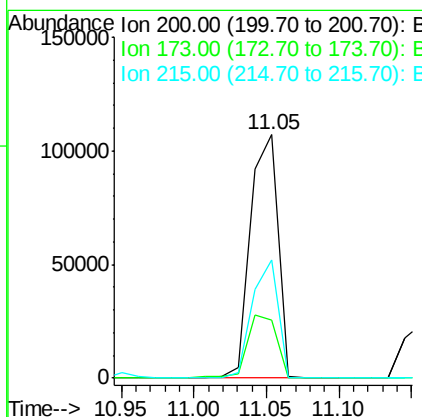
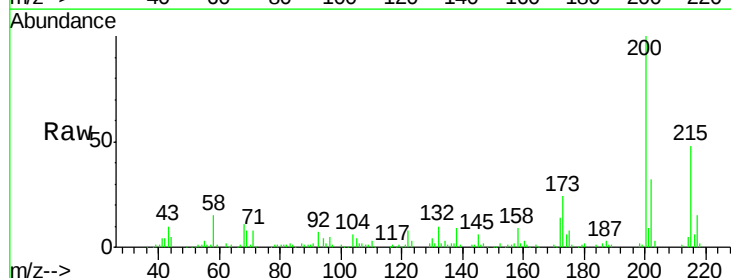
RT: 11.05 min Scan# 767

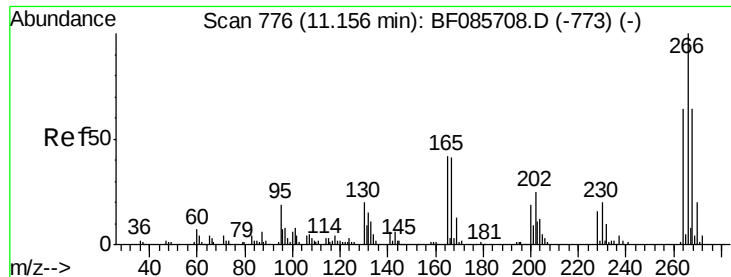
Delta R.T. 0.00 min

Lab File: BF085807.D

Acq: 28 Mar 2016 17:54

Tgt Ion:	200	Resp:	141302
Ion Ratio		Lower	Upper
200	100		
173	23.8	7.7	47.7
215	48.4	25.4	65.4





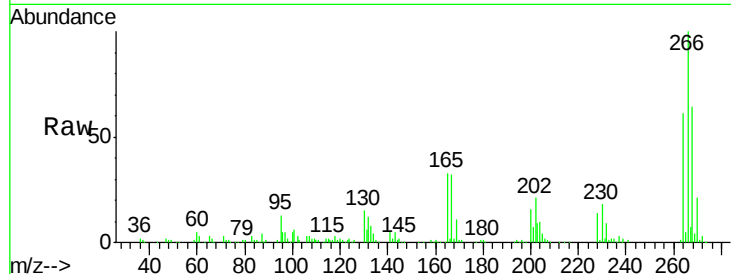
#69
 Pentachlorophenol
 Concen: 89.77 ng
 RT: 11.16 min Scan# 776
 Delta R.T. 0.00 min
 Lab File: BF085807.D
 Acq: 28 Mar 2016 17:54

Instrument :
 BNA_F
 ClientSampleId :
 PB89249BS

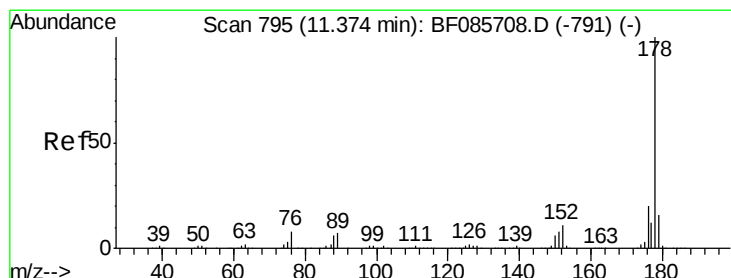
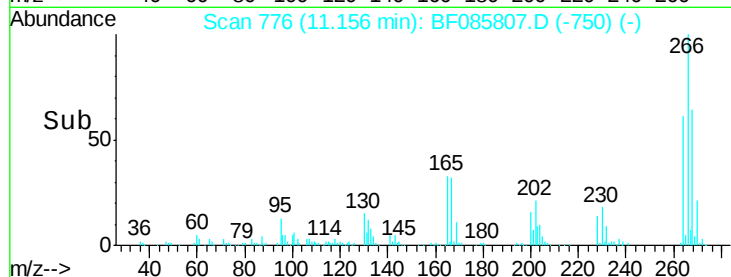
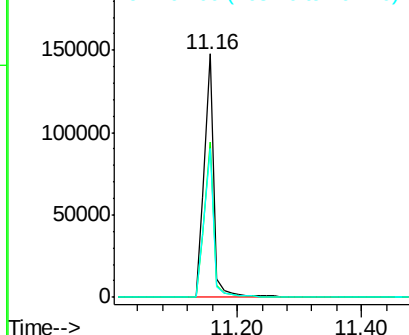
Tgt Ion	Ratio	Resp	Lower	Upper
266	100	162578		
268	63.5	51.5	77.3	
264	60.9	50.6	76.0	

Manual Integrations
 APPROVED

Sohil
 3/29/2016 7:53:44 PM

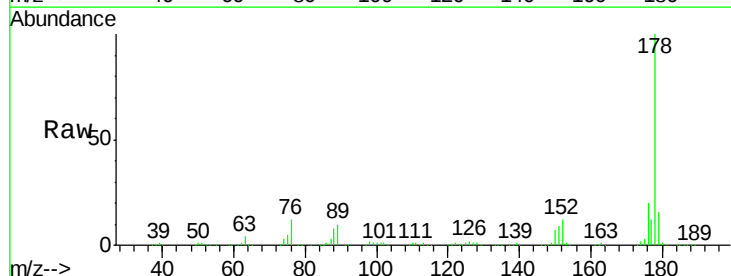


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

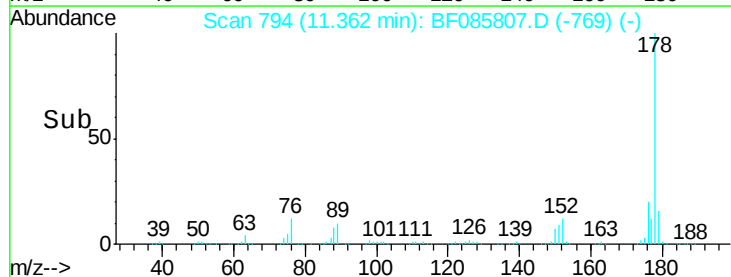
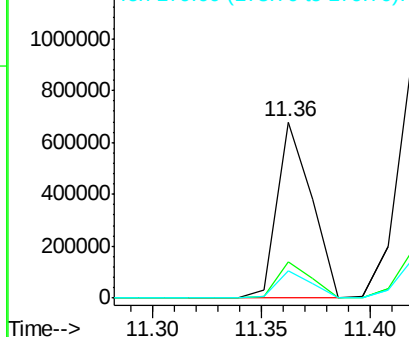


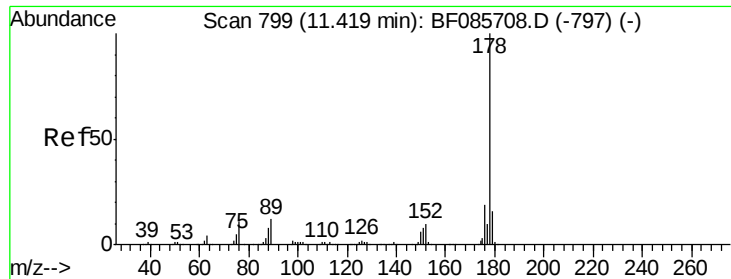
#70
 Phenanthrene
 Concen: 42.48 ng
 RT: 11.36 min Scan# 794
 Delta R.T. -0.01 min
 Lab File: BF085807.D
 Acq: 28 Mar 2016 17:54

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	751927		
176	20.3	16.3	24.5	
179	15.8	12.6	18.8	



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





#71

Anthracene

Concen: 44.39 ng

RT: 11.42 min Scan# 799

Delta R.T. 0.00 min

Lab File: BF085807.D

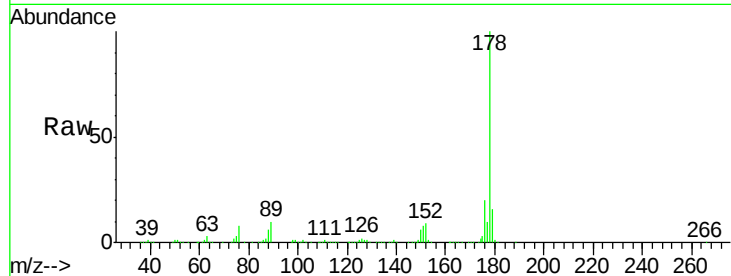
Acq: 28 Mar 2016 17:54

Instrument :

BNA_F

ClientSampleId :

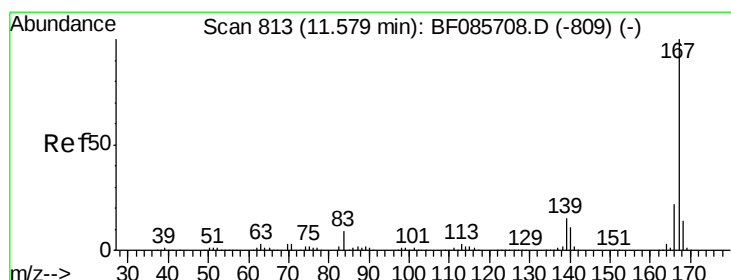
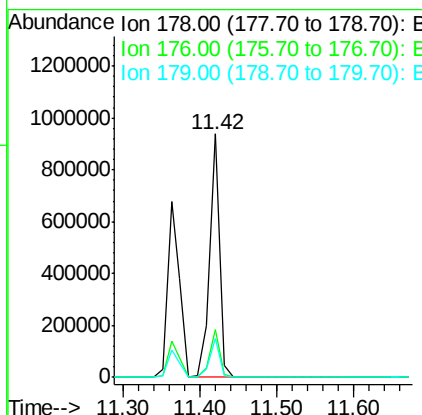
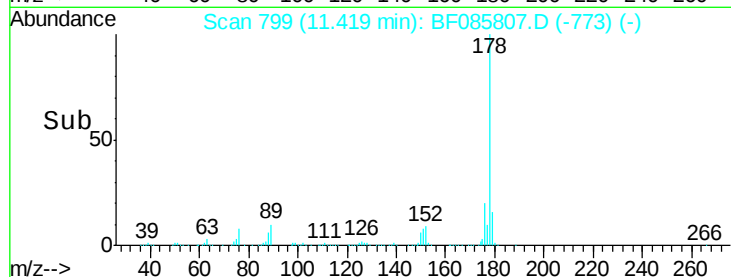
PB89249BS



Tgt Ion:	178	Resp:	824913
Ion Ratio	Lower	Upper	
178	100		
176	19.7	15.9	23.9
179	15.9	13.0	19.4

Manual Integrations
APPROVED

Sohil
3/29/2016 7:53:44 PM



#72

Carbazole

Concen: 46.53 ng

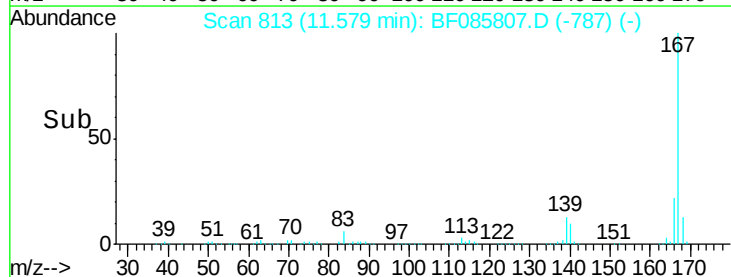
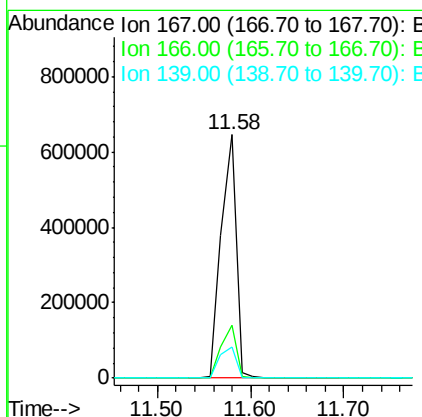
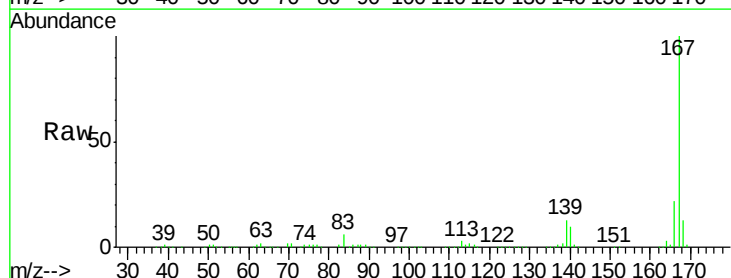
RT: 11.58 min Scan# 813

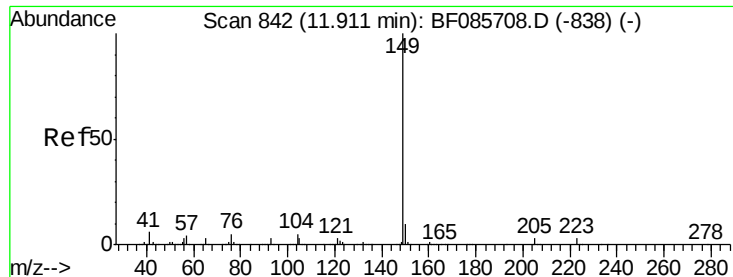
Delta R.T. 0.00 min

Lab File: BF085807.D

Acq: 28 Mar 2016 17:54

Tgt Ion:	167	Resp:	726080
Ion Ratio	Lower	Upper	
167	100		
166	22.0	17.8	26.8
139	13.0	11.6	17.4





#73

Di-n-butylphthalate

Concen: 42.25 ng

RT: 11.91 min Scan# 842

Delta R.T. 0.00 min

Lab File: BF085807.D

Acq: 28 Mar 2016 17:54

Instrument :

BNA_F

ClientSampleId :

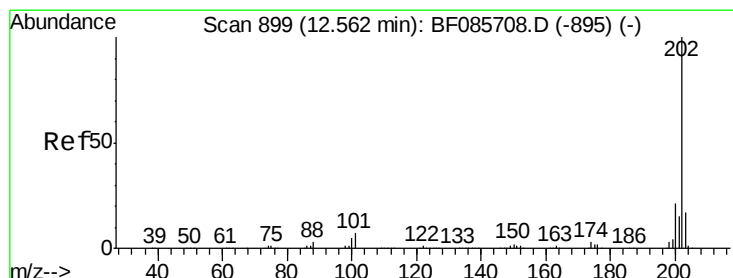
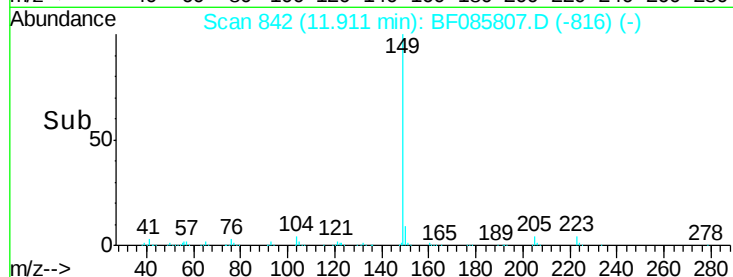
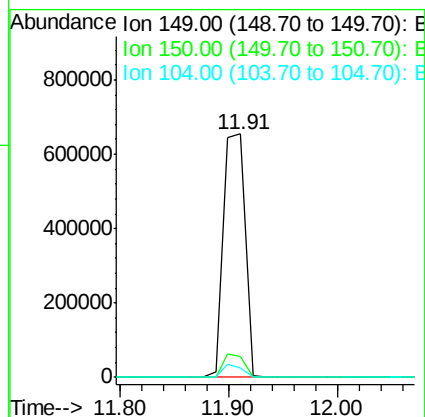
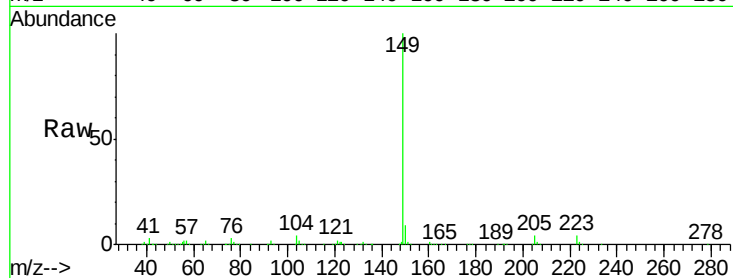
PB89249BS

Manual Integrations
APPROVED

Sohil

3/29/2016 7:53:44 PM

Tgt Ion:	149	Resp:	904552
Ion Ratio	Lower	Upper	
149	100		
150	8.8	7.6	11.4
104	3.7	3.8	5.8#



#74

Fluoranthene

Concen: 38.05 ng

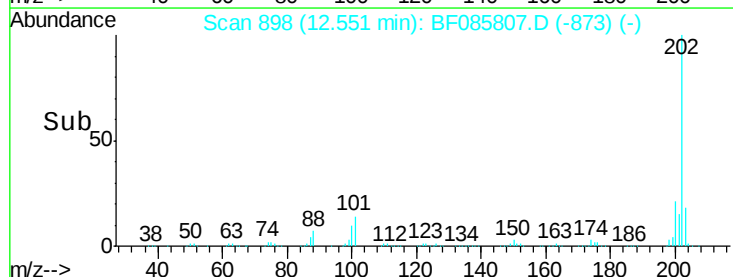
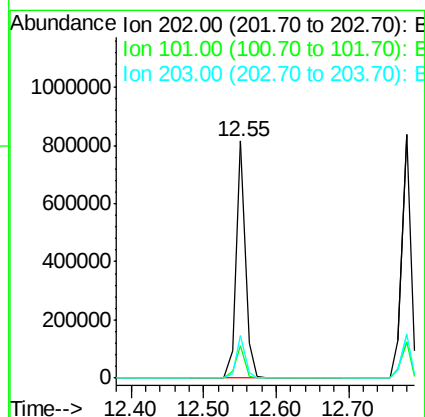
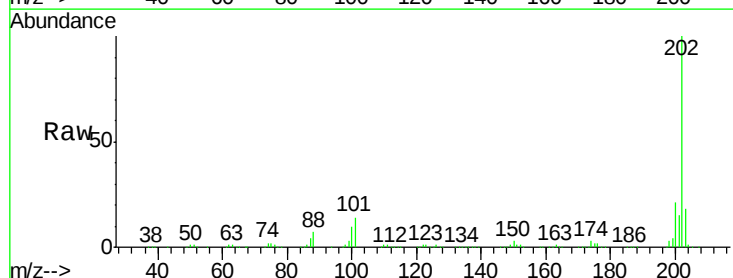
RT: 12.55 min Scan# 898

Delta R.T. -0.01 min

Lab File: BF085807.D

Acq: 28 Mar 2016 17:54

Tgt Ion:	202	Resp:	716063
Ion Ratio	Lower	Upper	
202	100		
101	13.5	0.0	36.6
203	18.0	0.0	38.1





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.98 min Scan# 1023

Delta R.T. 0.00 min

Lab File: BF085807.D

Acq: 28 Mar 2016 17:54

Instrument :

BNA_F

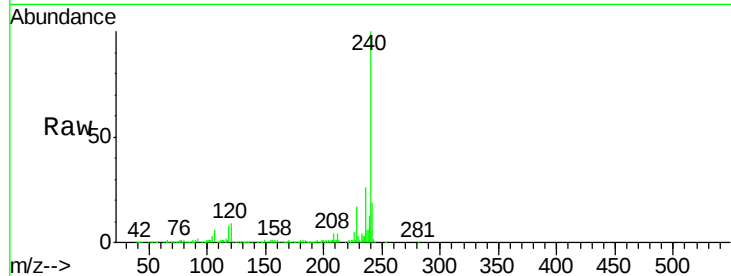
ClientSampleId :

PB89249BS

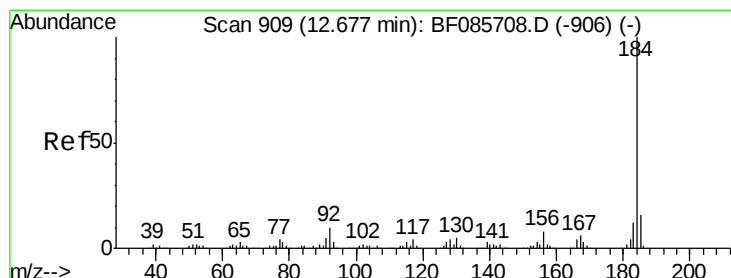
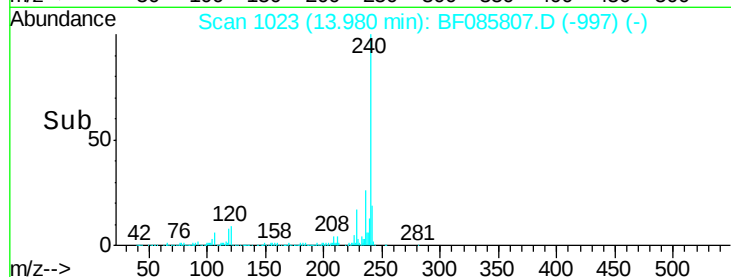
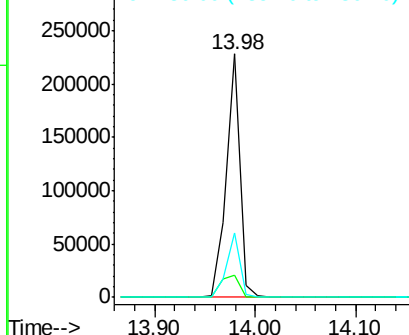
Tgt Ion:	240	Resp:	215386
Ion Ratio		Lower	Upper
240	100		
120	9.1	13.8	20.8#
236	26.5	20.6	30.8

Manual Integrations
APPROVED

Sohil
3/29/2016 7:53:44 PM



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



#76

Benzidine

Concen: 29.30 ng

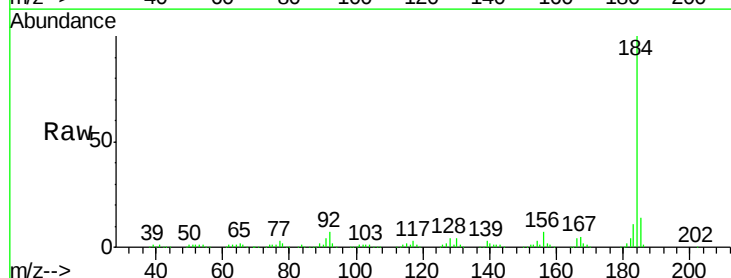
RT: 12.68 min Scan# 909

Delta R.T. 0.00 min

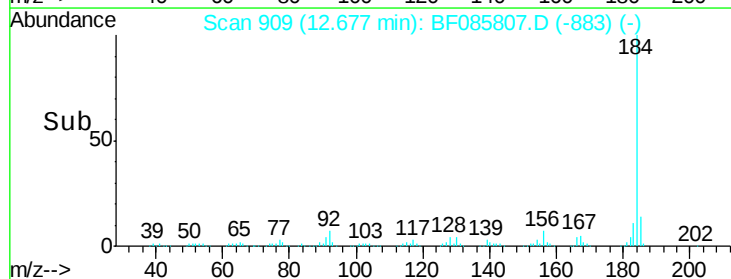
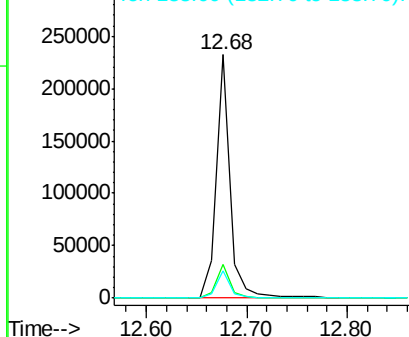
Lab File: BF085807.D

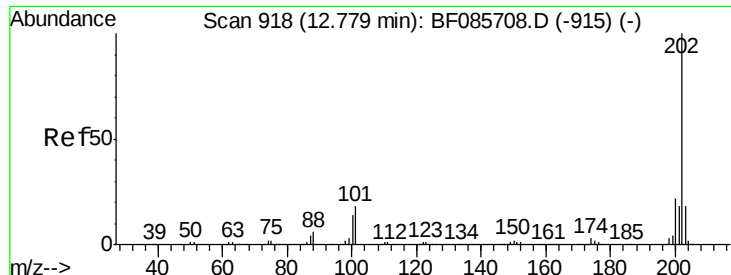
Acq: 28 Mar 2016 17:54

Tgt Ion:	184	Resp:	222279
Ion Ratio		Lower	Upper
184	100		
185	13.8	12.4	18.6
183	11.0	9.4	14.2



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





#77

Pyrene

Concen: 41.26 ng

RT: 12.78 min Scan# 918

Delta R.T. 0.00 min

Lab File: BF085807.D

Acq: 28 Mar 2016 17:54

Instrument :

BNA_F

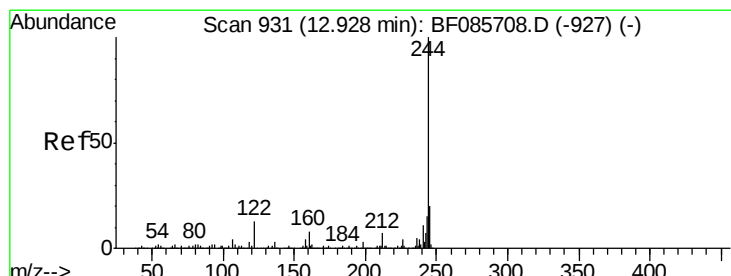
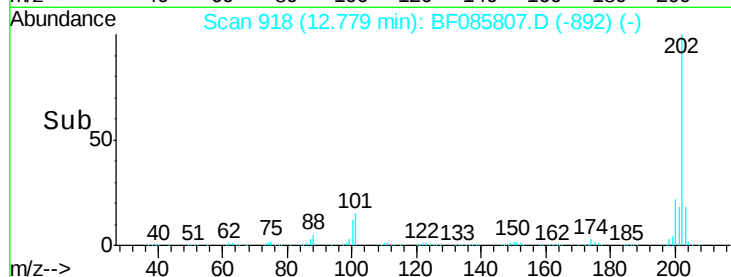
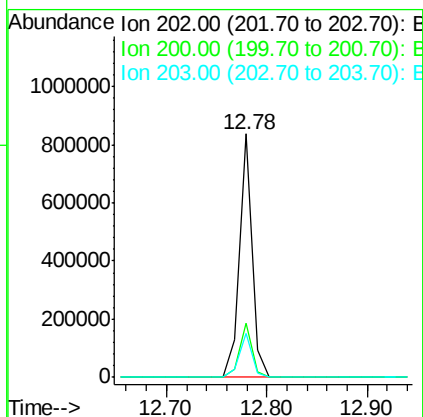
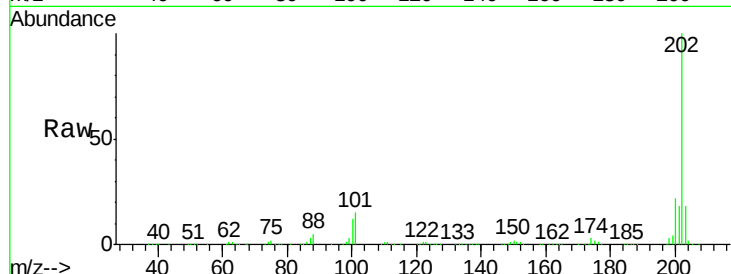
ClientSampleId :

PB89249BS

Tgt	Ion	202	Resp:	730563
Ion	Ratio	Lower	Upper	
202	100			
200	22.4	17.6	26.4	
203	18.2	14.0	21.0	

Manual Integrations
APPROVED

Sohil
3/29/2016 7:53:44 PM



#78

Terphenyl-d14

Concen: 95.50 ng

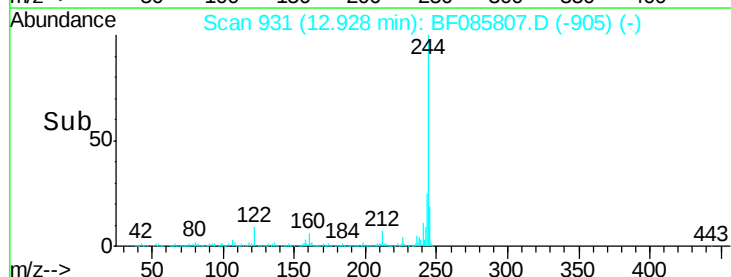
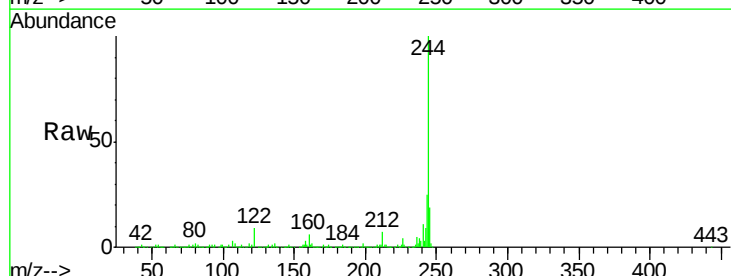
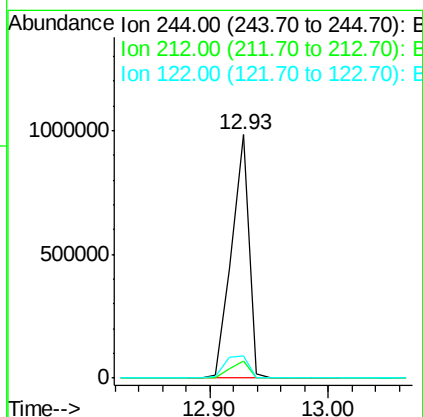
RT: 12.93 min Scan# 931

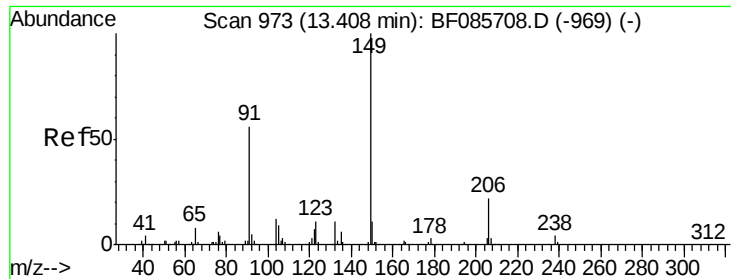
Delta R.T. 0.00 min

Lab File: BF085807.D

Acq: 28 Mar 2016 17:54

Tgt	Ion	244	Resp:	1000156
Ion	Ratio	Lower	Upper	
244	100			
212	6.9	6.1	9.1	
122	9.2	10.2	15.4	#





#79

Butylbenzylphthalate

Concen: 44.34 ng

RT: 13.40 min Scan# 972

Delta R.T. -0.01 min

Lab File: BF085807.D

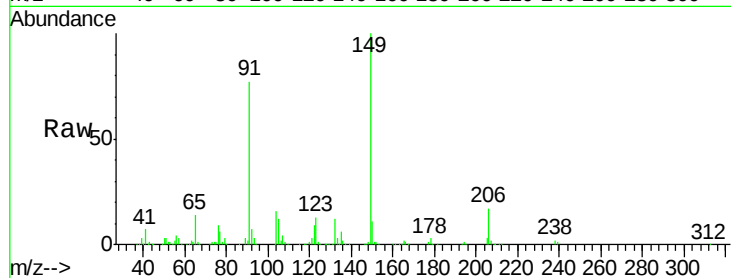
Acq: 28 Mar 2016 17:54

Instrument :

BNA_F

ClientSampleID :

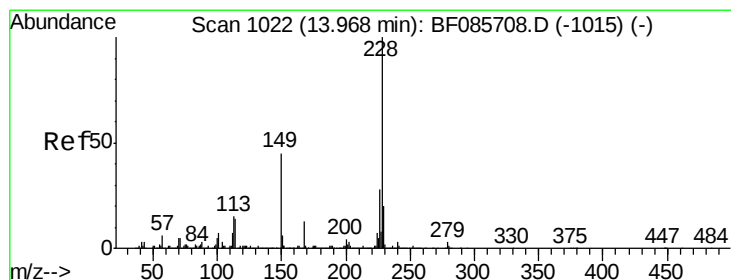
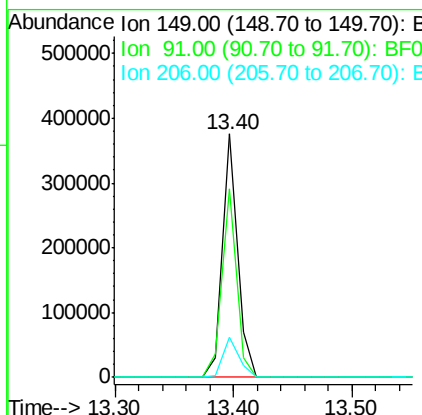
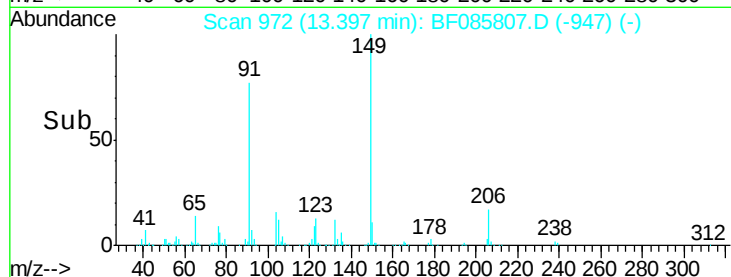
PB89249BS



Tgt Ion	Ratio	Resp	Lower	Upper
149	100	328744		
91	77.2	45.8	68.8#	
206	16.6	17.8	26.8#	

Manual Integrations
APPROVED

Sohil
3/29/2016 7:53:44 PM



#80

Benzo(a)anthracene

Concen: 41.48 ng

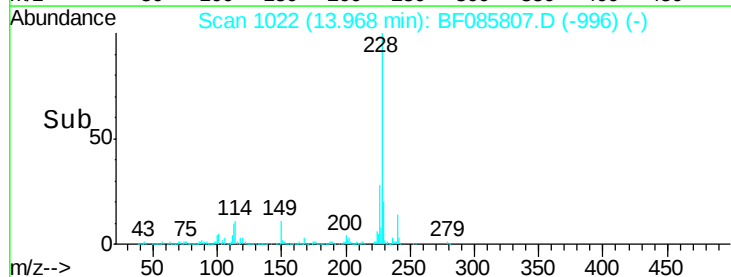
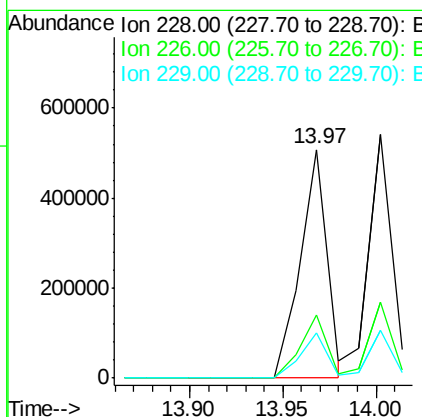
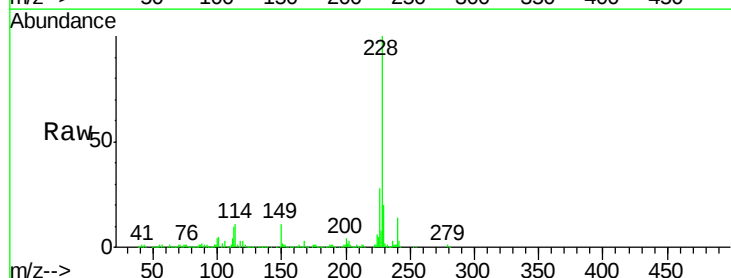
RT: 13.97 min Scan# 1022

Delta R.T. 0.00 min

Lab File: BF085807.D

Acq: 28 Mar 2016 17:54

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	509444		
226	27.6	22.1	33.1	
229	19.9	16.2	24.4	





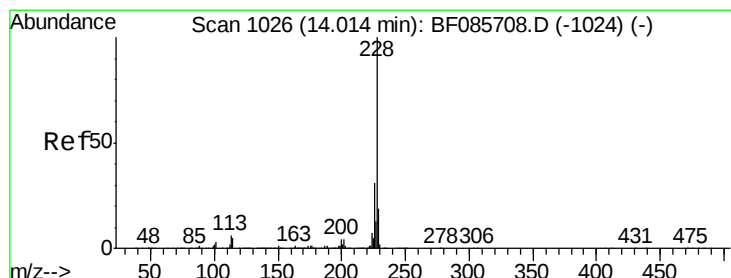
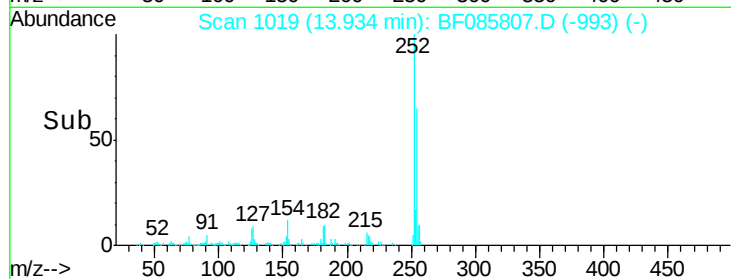
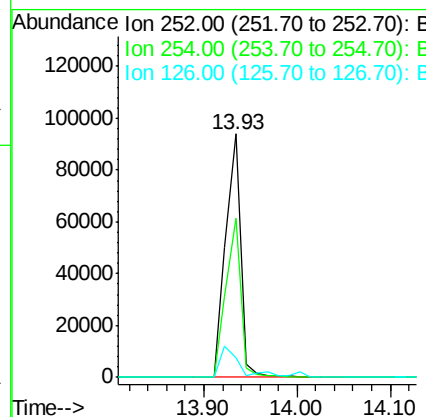
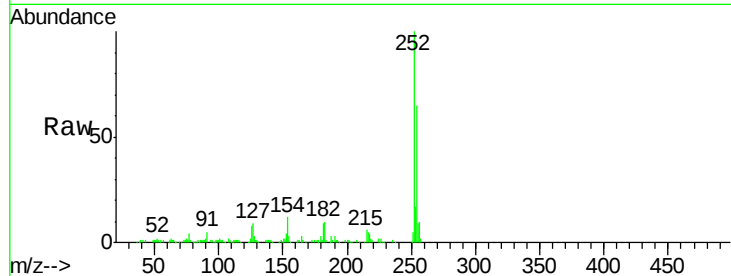
#81
 3,3'-Dichlorobenzidine
 Concen: 12.35 ng
 RT: 13.93 min Scan# 1019
 Delta R.T. 0.00 min
 Lab File: BF085807.D
 Acq: 28 Mar 2016 17:54

Instrument :
 BNA_F
 ClientSampleId :
 PB89249BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
252	100		
254	65.2	50.7	76.1
126	7.9	11.8	17.6

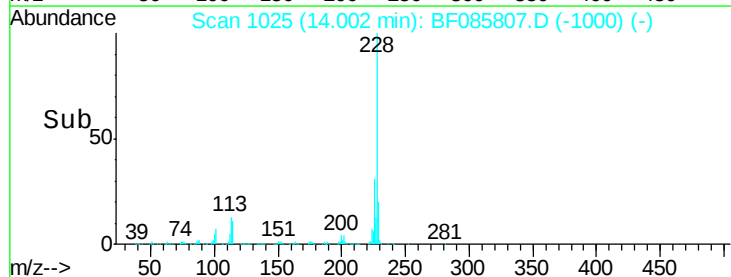
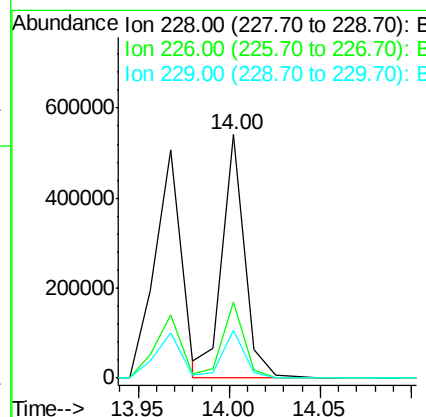
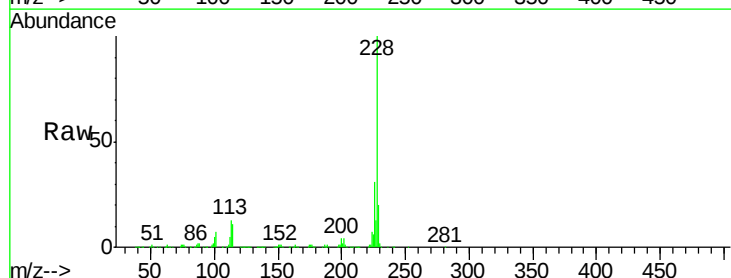
Manual Integrations
 APPROVED

Sohil
 3/29/2016 7:53:44 PM



#82
 Chrysene
 Concen: 37.84 ng m
 RT: 14.00 min Scan# 1025
 Delta R.T. -0.01 min
 Lab File: BF085807.D
 Acq: 28 Mar 2016 17:54

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
226	31.2	25.0	37.6
229	19.8	15.7	23.5





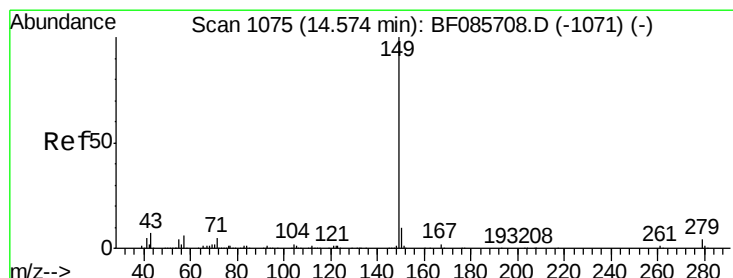
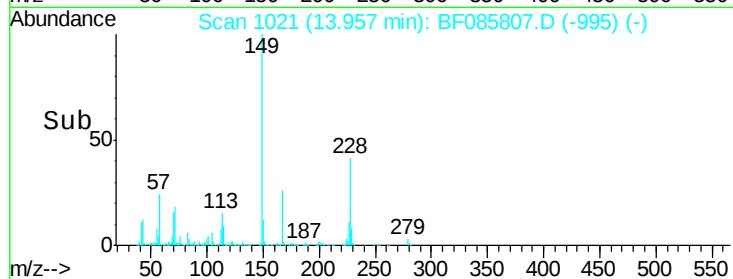
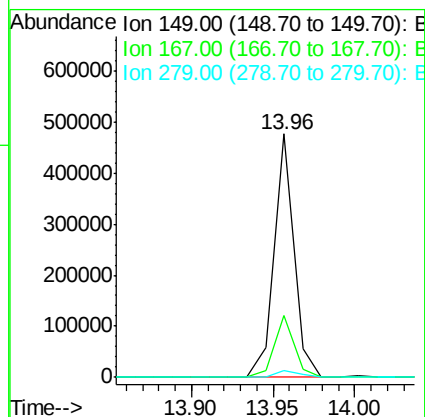
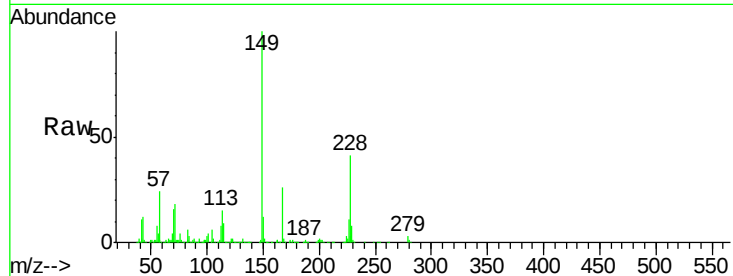
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 45.89 ng
 RT: 13.96 min Scan# 1021
 Delta R.T. 0.00 min
 Lab File: BF085807.D
 Acq: 28 Mar 2016 17:54

Instrument :
 BNA_F
 ClientSampleId :
 PB89249BS

Tgt Ion	Ratio	Lower	Upper
149	100		
167	25.6	19.4	29.2
279	2.8	1.5	2.3

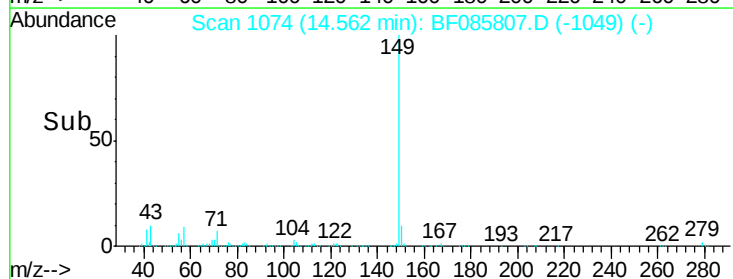
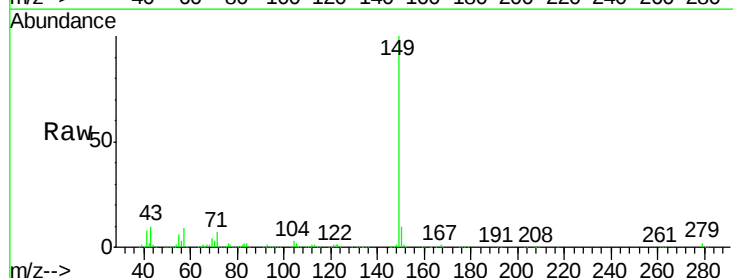
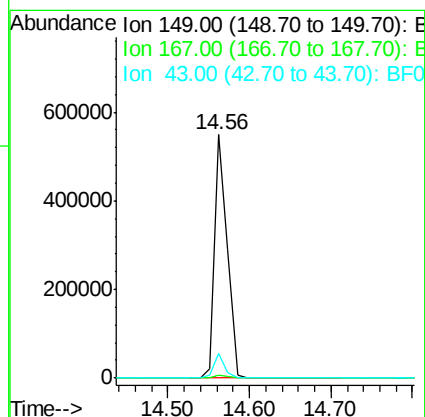
Manual Integrations
 APPROVED

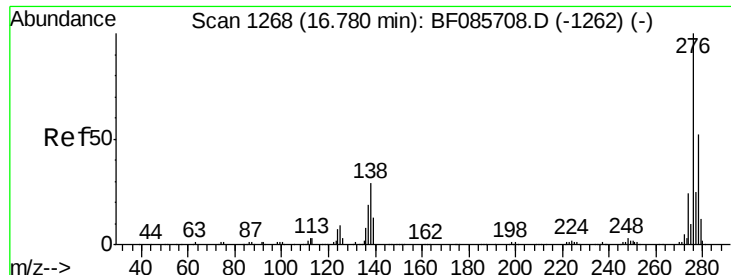
Sohil
 3/29/2016 7:53:44 PM



#84
 Di-n-octyl phthalate
 Concen: 45.58 ng
 RT: 14.56 min Scan# 1074
 Delta R.T. -0.01 min
 Lab File: BF085807.D
 Acq: 28 Mar 2016 17:54

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.2	1.8
43	8.6	7.1	10.7





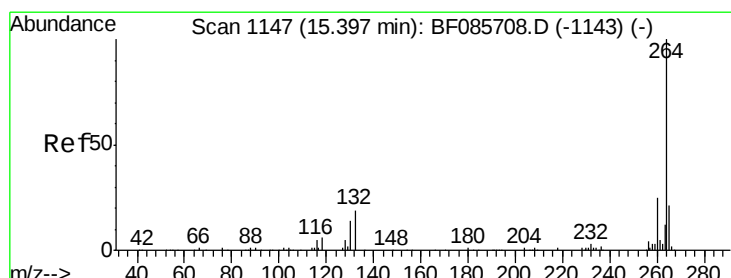
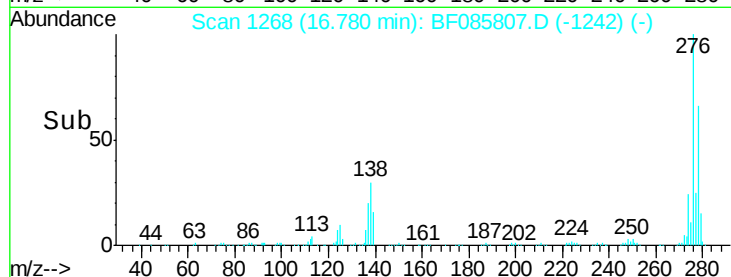
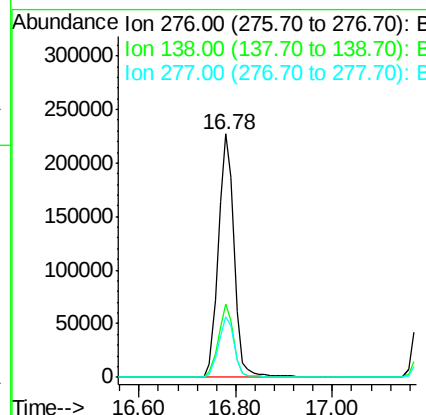
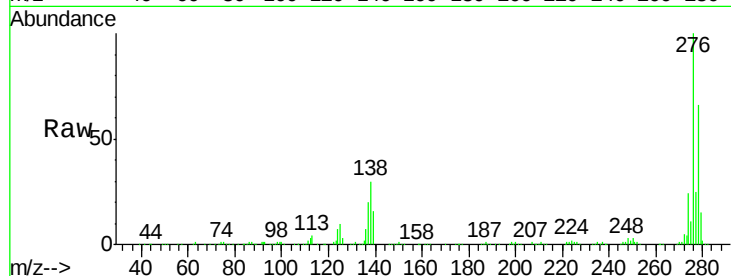
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 55.25 ng
 RT: 16.78 min Scan# 1268
 Delta R.T. 0.00 min
 Lab File: BF085807.D
 Acq: 28 Mar 2016 17:54

Instrument :
 BNA_F
 ClientSampleId :
 PB89249BS

Tgt Ion	Ratio	Lower	Upper
276	100		
138	29.2	24.2	36.4
277	24.9	20.0	30.0

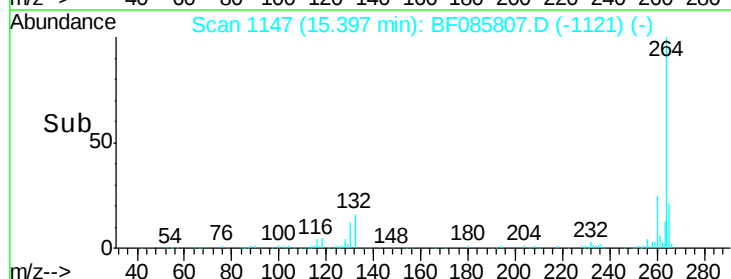
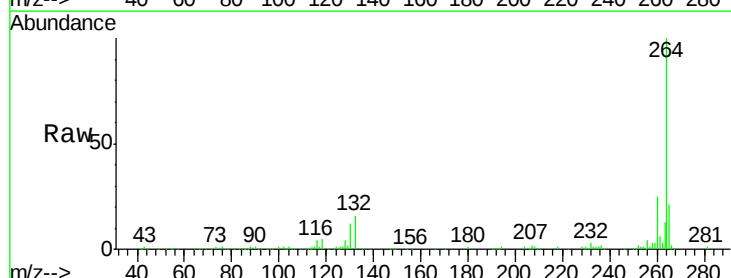
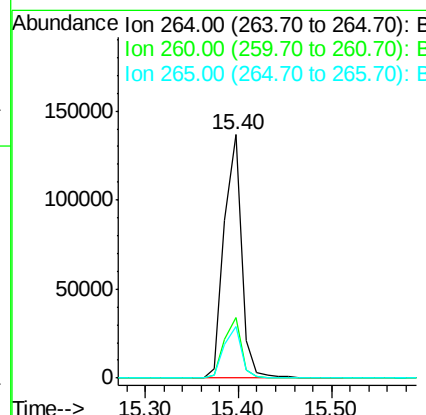
Manual Integrations
 APPROVED

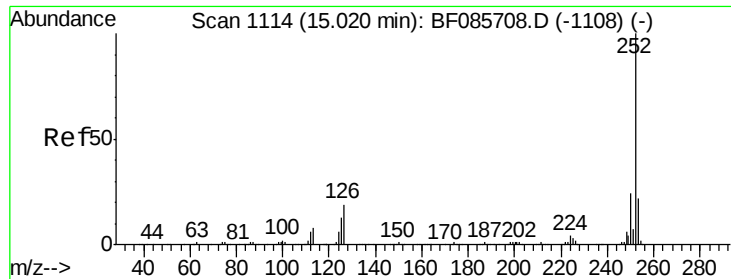
Sohil
 3/29/2016 7:53:44 PM



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.40 min Scan# 1147
 Delta R.T. 0.00 min
 Lab File: BF085807.D
 Acq: 28 Mar 2016 17:54

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.8	19.4	29.2
265	21.4	17.2	25.8





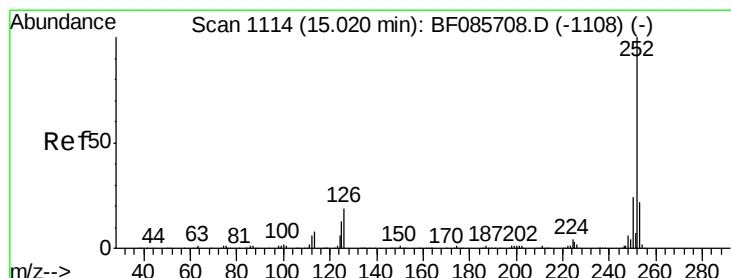
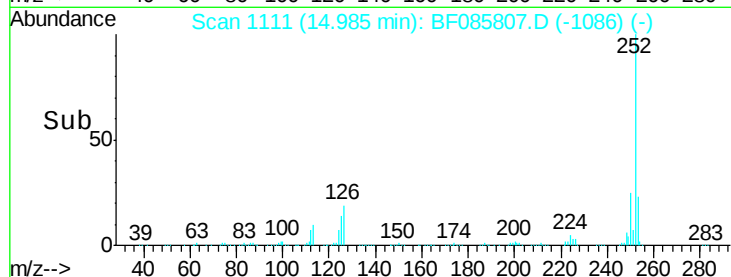
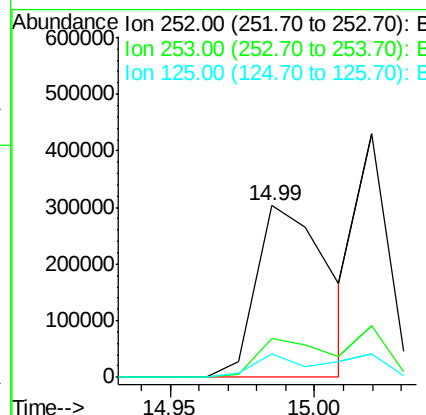
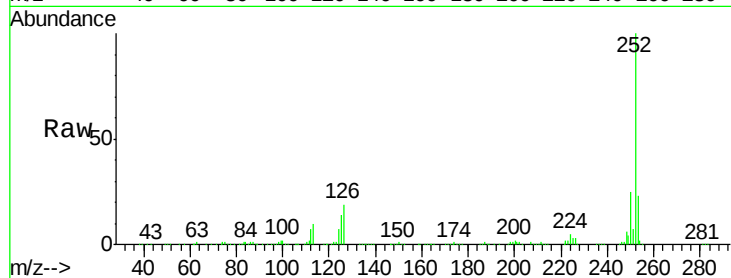
#87
Benzo(b)fluoranthene
Concen: 46.60 ng m
RT: 14.99 min Scan# 1111
Delta R.T. -0.01 min
Lab File: BF085807.D
Acq: 28 Mar 2016 17:54

Instrument :
BNA_F
ClientSampleId :
PB89249BS

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.6	26.4
125	13.7	10.3	15.5

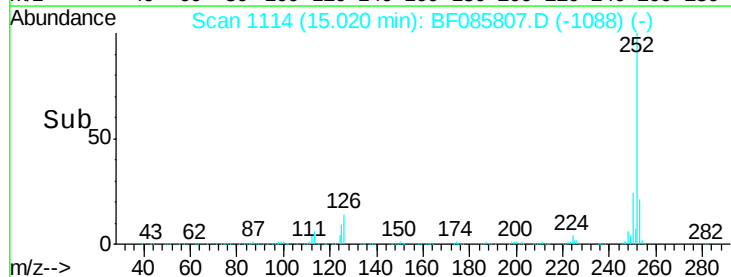
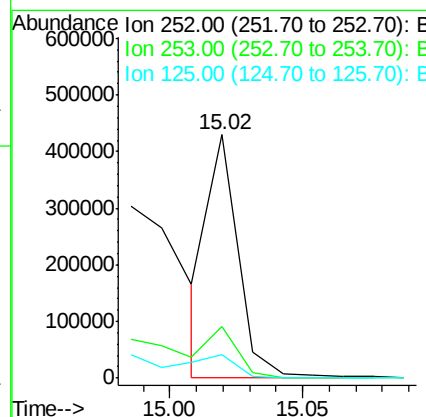
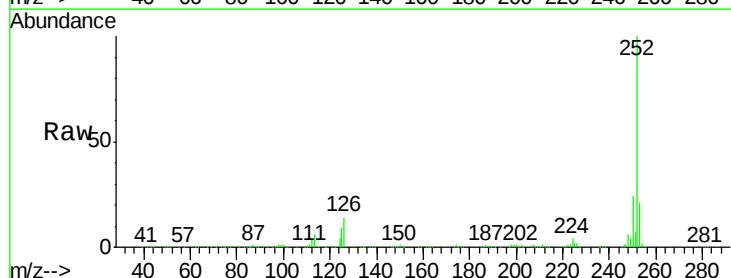
Manual Integrations
APPROVED

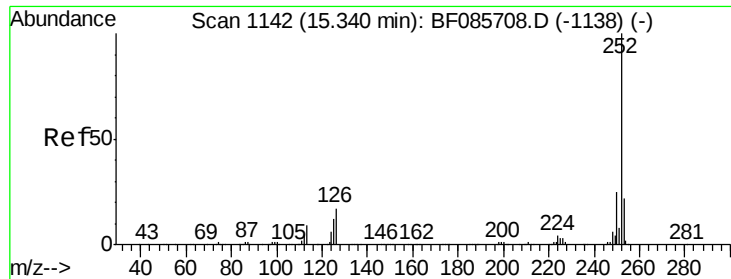
Sohil
3/29/2016 7:53:44 PM



#88
Benzo(k)fluoranthene
Concen: 33.35 ng m
RT: 15.02 min Scan# 1114
Delta R.T. 0.00 min
Lab File: BF085807.D
Acq: 28 Mar 2016 17:54

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.4	17.8	26.6
125	9.4	7.7	11.5





#89

Benzo(a)pyrene

Concen: 42.44 ng

RT: 15.34 min Scan# 1142

Delta R.T. 0.00 min

Lab File: BF085807.D

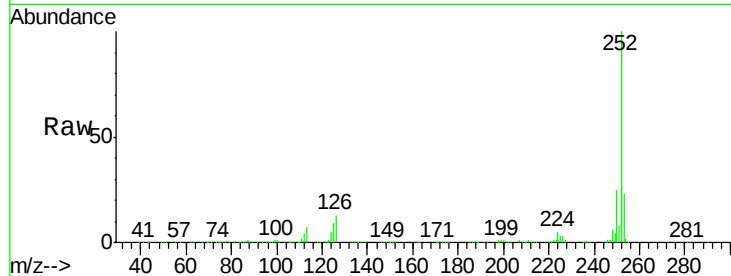
Acq: 28 Mar 2016 17:54

Instrument :

BNA_F

ClientSampleId :

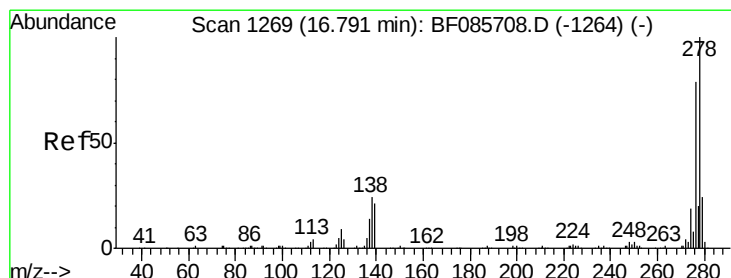
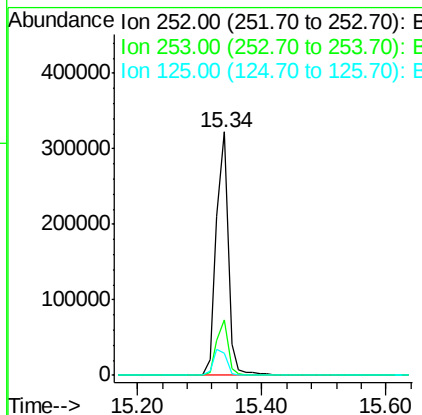
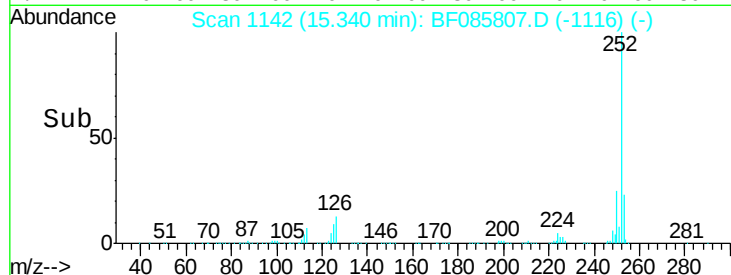
PB89249BS



Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.4	26.0
125	9.4	10.3	15.5#

Manual Integrations
APPROVED

Sohil
3/29/2016 7:53:44 PM



#90

Dibenzo(a,h)anthracene

Concen: 47.46 ng

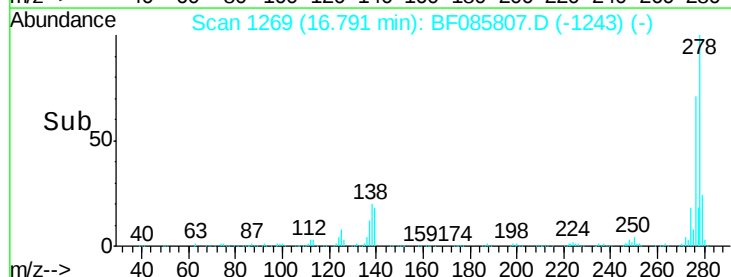
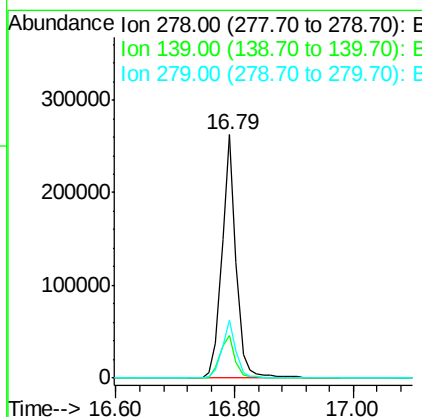
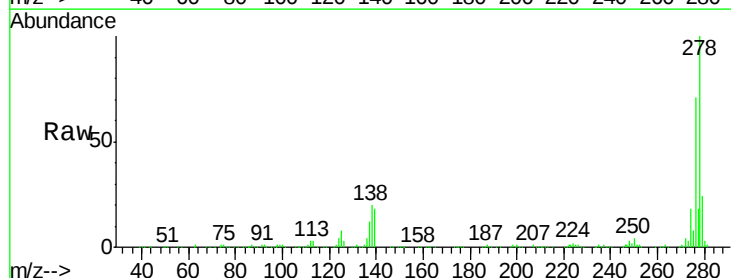
RT: 16.79 min Scan# 1269

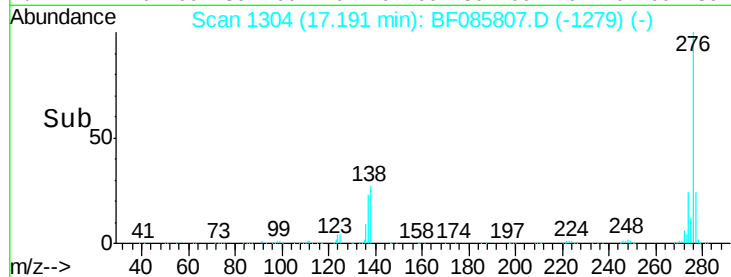
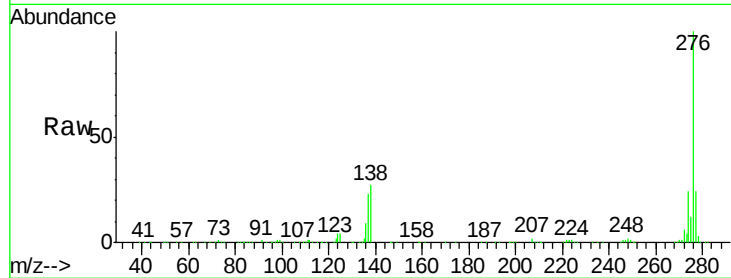
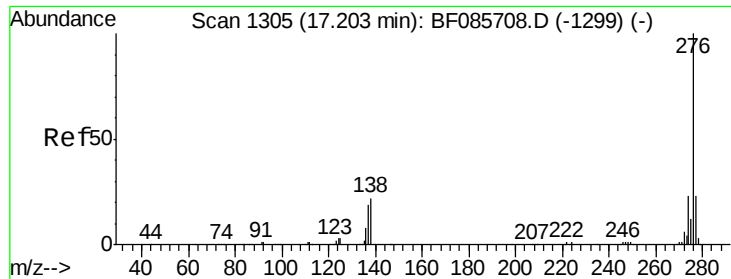
Delta R.T. 0.00 min

Lab File: BF085807.D

Acq: 28 Mar 2016 17:54

Tgt Ion	Ratio	Lower	Upper
278	100		
139	17.8	14.4	21.6
279	23.9	19.1	28.7





#91

Benzo(g,h,i)perylene

Concen: 47.94 ng

RT: 17.19 min Scan# 1304

Delta R.T. -0.01 min

Lab File: BF085807.D

Acq: 28 Mar 2016 17:54

Tgt Ion:	276	Resp:	448533
Ion Ratio	Lower	Upper	
276	100		
277	23.8	18.8	28.2
138	27.5	22.6	34.0

Instrument :

BNA_F

ClientSampleId :

PB89249BS

Manual Integrations
APPROVED

Sohil
3/29/2016 7:53:44 PM

