

Data Path : Z:\HPCHEM1\BNA F\DATA\BF122415\
 Data File : BF084099.D
 Acq On : 25 Dec 2015 00:46
 Operator : UM/SJ
 Sample : PB87558BSD
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB87558BSD

Manual Integrations
 APPROVED

Sohil
 12/28/2015 1:10:08 PM

Quant Time: Dec 25 05:59:39 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF122415.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 24 16:48:39 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	49626	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	198843	20.00	ng	0.00
38) Acenaphthene-d10	9.84	164	95131	20.00	ng	0.00
63) Phenanthrene-d10	11.32	188	172017	20.00	ng	0.00
75) Chrysene-d12	13.96	240	133766	20.00	ng	0.00
86) Perylene-d12	15.38	264	102092	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.42	112	307990	105.22	ng	0.01
7) Phenol-d6	6.45	99	349402	96.47	ng	0.00
23) Nitrobenzene-d5	7.37	82	229991	67.70	ng	0.00
41) 2,4,6-Tribromophenol	10.62	330	95943	94.57	ng	0.00
44) 2-Fluorobiphenyl	9.16	172	471599	67.83	ng	0.00
78) Terphenyl-d14	12.90	244	428617	57.98	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.43	88	31508	26.26	ng	# 94
3) Pyridine	3.15	79	78786	26.89	ng	96
4) n-Nitrosodimethylamine	3.08	42	38408	29.75	ng	98
6) Aniline	6.46	93	67234	14.68	ng	# 1
8) 2-Chlorophenol	6.59	128	118147	32.50	ng	93
9) Benzaldehyde	6.35	77	32729	16.90	ng	89
10) Phenol	6.46	94	126896	30.63	ng	87
11) bis(2-Chloroethyl)ether	6.53	93	93831	31.41	ng	95
12) 1,3-Dichlorobenzene	6.74	146	119862	30.20	ng	98
13) 1,4-Dichlorobenzene	6.82	146	119252m	29.86	ng	
14) 1,2-Dichlorobenzene	6.97	146	116497	31.66	ng	98
15) Benzyl Alcohol	6.94	79	90744	33.08	ng	# 87
16) 2,2'-oxybis(1-Chloropropan	7.08	45	88192	30.22	ng	65
17) 2-Methylphenol	7.07	107	89822	32.18	ng	# 93
18) Hexachloroethane	7.31	117	45344	31.11	ng	94
19) n-Nitroso-di-n-propylamine	7.22	70	72649	32.56	ng	94
20) 3+4-Methylphenols	7.23	107	114802	32.24	ng	# 47
22) Acetophenone	7.21	105	147007	29.59	ng	# 94
24) Nitrobenzene	7.38	77	102602	28.45	ng	95
25) Isophorone	7.62	82	188168	29.95	ng	97
26) 2-Nitrophenol	7.70	139	56379	30.54	ng	# 78
27) 2,4-Dimethylphenol	7.76	122	99276	32.40	ng	93
28) bis(2-Chloroethoxy)methane	7.84	93	118918	32.46	ng	98
29) 2,4-Dichlorophenol	7.95	162	93940	33.01	ng	98
30) 1,2,4-Trichlorobenzene	8.03	180	96097	30.82	ng	97
31) Naphthalene	8.11	128	317900	30.05	ng	98
32) Benzoic acid	7.88	122	45383	30.89	ng	96
33) 4-Chloroaniline	8.16	127	37380	8.88	ng	99
34) Hexachlorobutadiene	8.22	225	54428	30.60	ng	99
35) Caprolactam	8.52	113	27276m	34.56	ng	
36) 4-Chloro-3-methylphenol	8.66	107	109106	34.10	ng	98
37) 2-Methylnaphthalene	8.80	142	221855	33.50	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.97	216	96478	32.17	ng	98
40) Hexachlorocyclopentadiene	8.96	237	48525	61.62	ng	97

Data Path : Z:\HPCHEM1\BNA F\DATA\BF122415\
 Data File : BF084099.D
 Acq On : 25 Dec 2015 00:46
 Operator : UM/SJ
 Sample : PB87558BSD
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB87558BSD

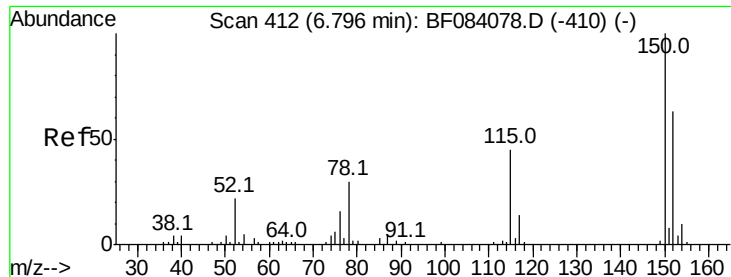
Manual Integrations
 APPROVED

Sohil
 12/28/2015 1:10:08 PM

Quant Time: Dec 25 05:59:39 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF122415.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 24 16:48:39 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.08	196	58148	29.74	nq	99
43) 2,4,5-Trichlorophenol	9.13	196	61777	31.56	nq #	82
45) 1,1'-Biphenyl	9.26	154	263455	30.65	nq	96
46) 2-Chloronaphthalene	9.29	162	208061	31.84	nq	94
47) 2-Nitroaniline	9.39	65	57104	32.89	nq #	51
48) Acenaphthylene	9.70	152	326371	30.42	nq	99
49) Dimethylphthalate	9.56	163	227879	28.92	nq #	90
50) 2,6-Dinitrotoluene	9.63	165	53545	32.02	nq	99
51) Acenaphthene	9.87	154	198378	31.79	nq	99
52) 3-Nitroaniline	9.80	138	25503	14.21	nq #	66
53) 2,4-Dinitrophenol	9.92	184	33219	58.30	nq	96
54) Dibenzofuran	10.04	168	288099	33.57	nq	92
55) 4-Nitrophenol	9.98	139	62998	68.77	nq	87
56) 2,4-Dinitrotoluene	10.03	165	68072	30.83	nq #	85
57) Fluorene	10.38	166	234803	32.19	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.17	232	50851	36.45	nq	97
59) Diethylphthalate	10.26	149	230488	28.80	nq	95
60) 4-Chlorophenyl-phenylether	10.37	204	98384	29.24	nq #	83
61) 4-Nitroaniline	10.41	138	53045	31.98	nq	96
62) Azobenzene	10.53	77	224138	33.99	nq	91
64) 4,6-Dinitro-2-methylphenol	10.45	198	29973	31.39	nq	82
65) n-Nitrosodiphenylamine	10.50	169	216961	35.38	nq	99
66) 4-Bromophenyl-phenylether	10.86	248	64323	32.28	nq #	83
67) Hexachlorobenzene	10.93	284	67915	31.13	nq #	78
68) Atrazine	11.02	200	59021	31.96	nq	100
69) Pentachlorophenol	11.14	266	45816	65.41	nq	98
70) Phenanthrene	11.34	178	338383	33.18	nq	99
71) Anthracene	11.40	178	328482	30.81	nq	98
72) Carbazole	11.55	167	303365	33.44	nq	99
73) Di-n-butylphthalate	11.88	149	382502	32.73	nq #	98
74) Fluoranthene	12.53	202	359672	31.14	nq	95
76) Benzidine	12.65	184	107828	23.72	nq	99
77) Pyrene	12.76	202	364679	31.60	nq	99
79) Butylbenzylphthalate	13.38	149	155448	32.54	nq #	74
80) Benzo(a)anthracene	13.95	228	274504	33.36	nq	98
81) 3,3'-Dichlorobenzidine	13.91	252	47528	19.07	nq #	98
82) Chrysene	13.99	228	258256	34.04	nq	99
83) Bis(2-ethylhexyl)phthalate	13.94	149	207734	33.65	nq #	96
84) Di-n-octylphthalate	14.55	149	313283	36.07	nq	99
85) Indeno(1,2,3-cd)pyrene	16.76	276	232508	30.60	nq	99
87) Benzo(b)fluoranthene	14.97	252	266834m	35.19	nq	
88) Benzo(k)fluoranthene	15.00	252	172619m	33.60	nq	
89) Benzo(a)pyrene	15.32	252	207048	33.15	nq	99
90) Dibenzo(a,h)anthracene	16.76	278	193906	31.81	nq	100
91) Benzo(g,h,i)perylene	17.19	276	195123	31.36	nq	97

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



#1

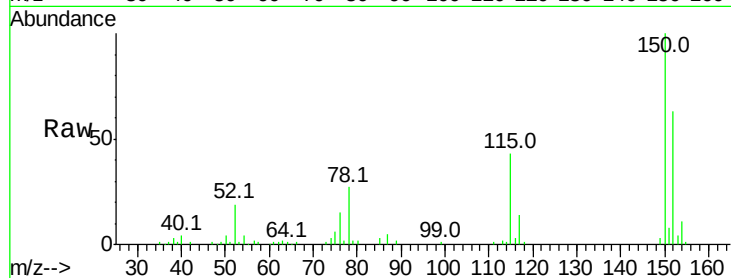
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.80 min Scan# 412
Delta R.T. -0.00 min
Lab File: BF084099.D
Acq: 25 Dec 2015 00:46

Instrument :
BNA_F
ClientSampleId :
PB87558BSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.3	123.0	184.4
115	68.4	51.4	77.2

Manual Integrations
APPROVED

Sohil
12/28/2015 1:10:08 PM

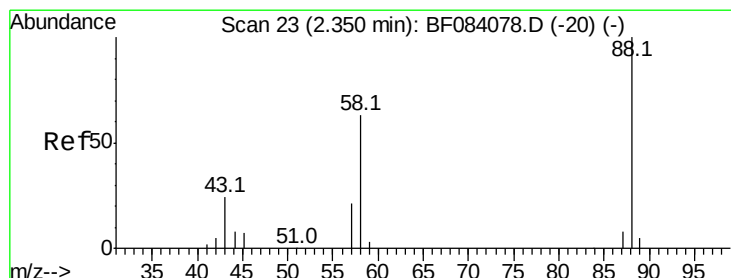
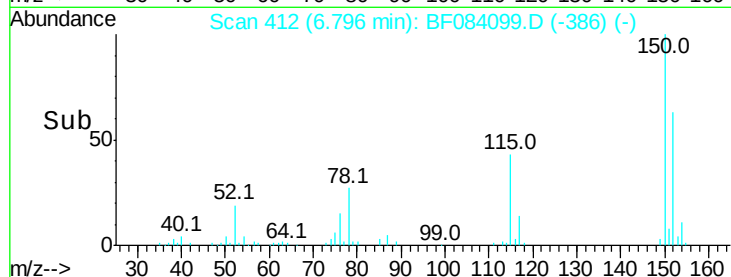
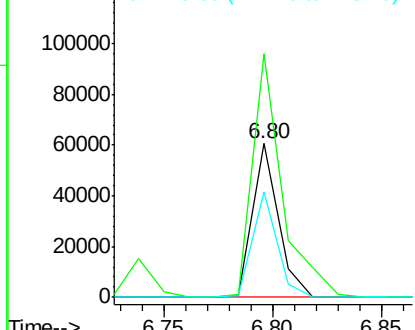


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

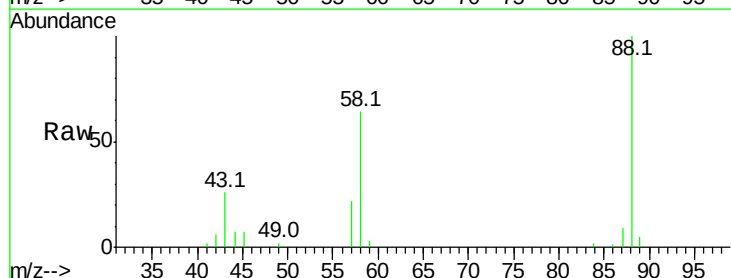
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 26.26 ng
RT: 2.43 min Scan# 30
Delta R.T. 0.08 min
Lab File: BF084099.D
Acq: 25 Dec 2015 00:46

Tgt Ion	Ratio	Lower	Upper
88	100		
58	67.8	51.2	76.8
43	29.3	19.5	29.3#

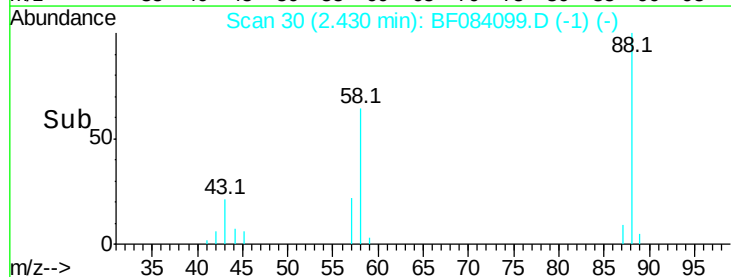
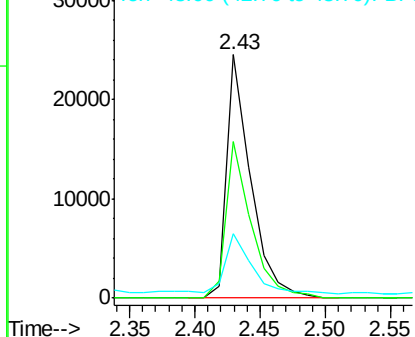


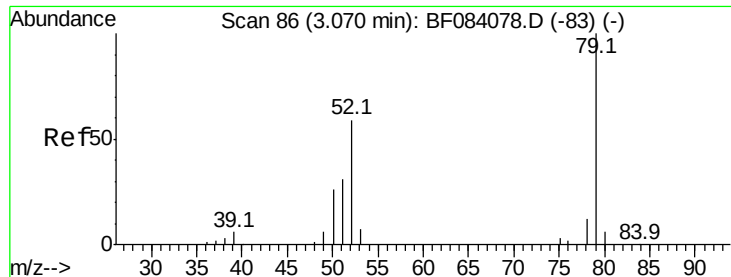
Abundance

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

Pvridine

Concen: 26.89 ng

RT: 3.15 min Scan# 93

Delta R.T. 0.08 min

Lab File: BF084099.D

Acq: 25 Dec 2015 00:46

Instrument :

BNA_F

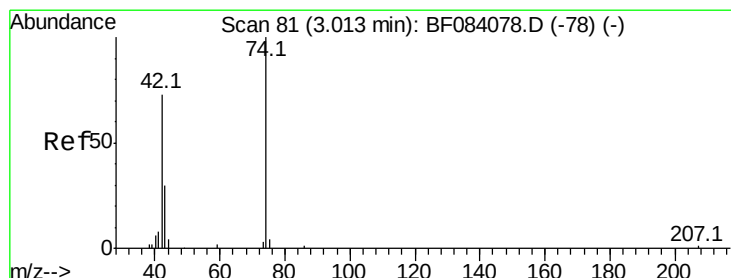
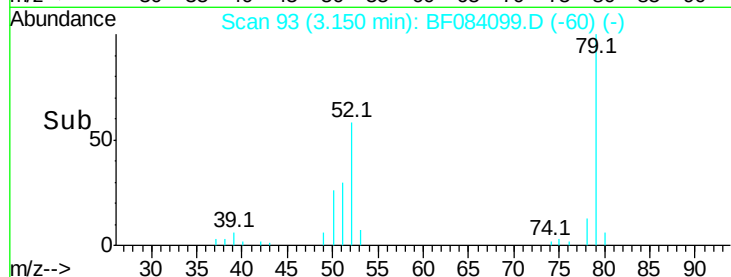
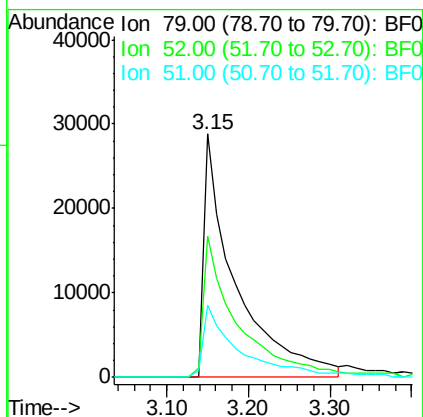
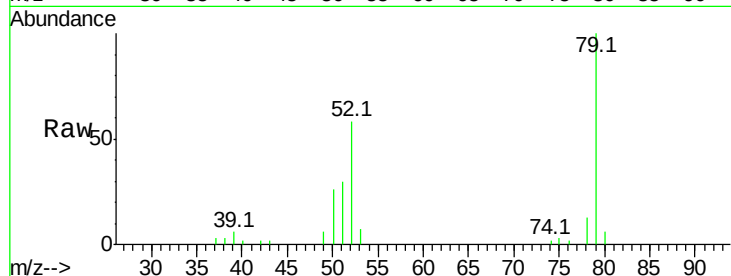
ClientSampleId :

PB87558BSD

Tot Ion:	79	Resp:	78786
Ion Ratio	Lower	Upper	
79	100		
52	58.2	49.0	73.4
51	29.8	25.2	37.8

Manual Integrations
APPROVED

Sohil
12/28/2015 1:10:08 PM



#4

n-Nitrosodimethylamine

Concen: 29.75 ng

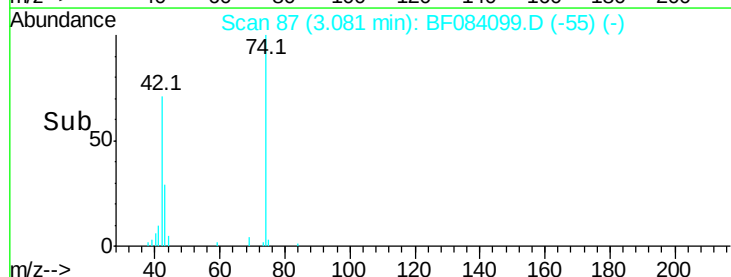
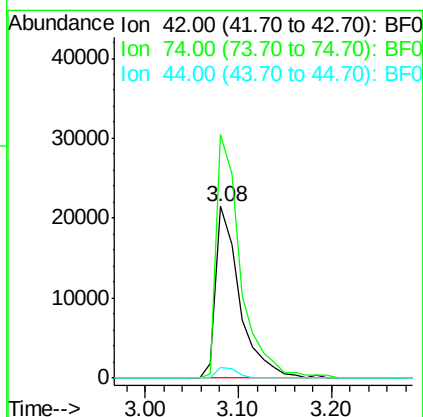
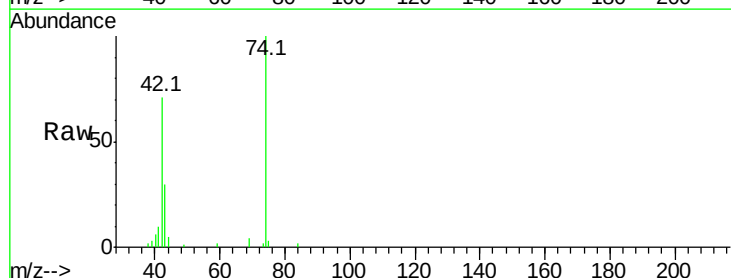
RT: 3.08 min Scan# 87

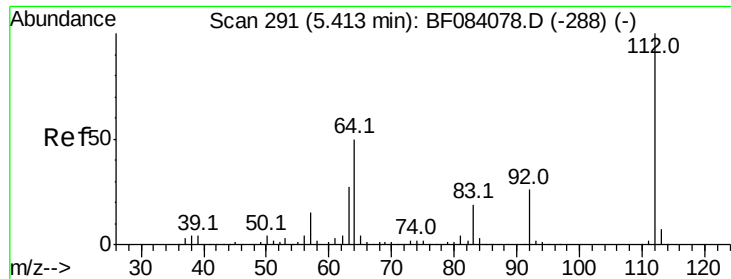
Delta R.T. 0.07 min

Lab File: BF084099.D

Acq: 25 Dec 2015 00:46

Tgt Ion:	42	Resp:	38408
Ion Ratio	Lower	Upper	
42	100		
74	141.8	115.7	173.5
44	6.4	5.1	7.7





#5

2-Fluorophenol

Concen: 105.22 ng

RT: 5.42 min Scan# 292

Delta R.T. 0.01 min

Lab File: BF084099.D

Acq: 25 Dec 2015 00:46

Instrument :

BNA_F

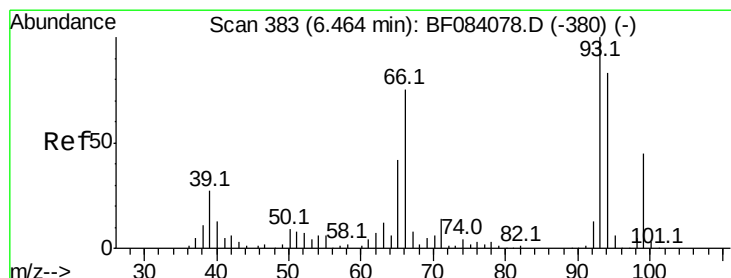
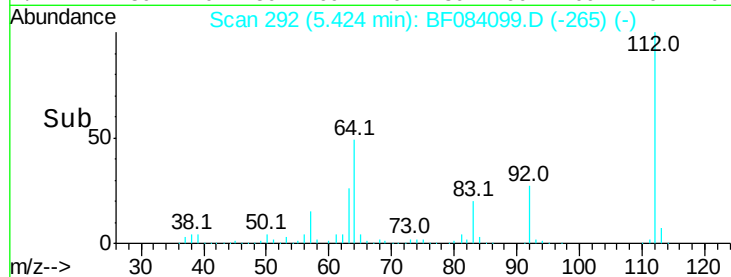
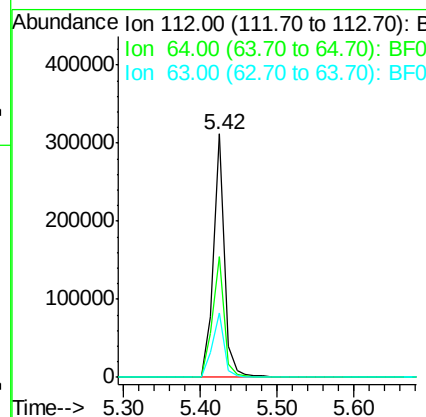
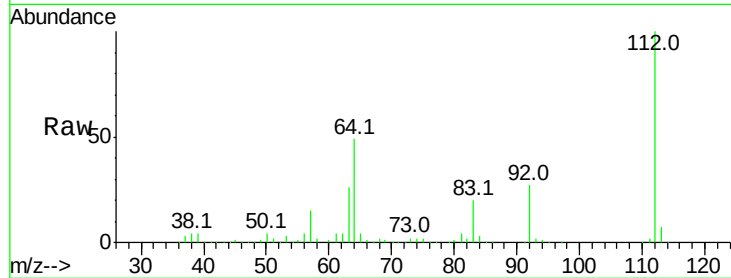
ClientSampleId :

PB87558BSD

Tot Ion	Ratio	Resp	Lower	Upper
112	100	307990		
64	49.5	36.6	55.0	
63	26.4	19.4	29.0	

Manual Integrations
APPROVED

Sohil
12/28/2015 1:10:08 PM



#6

Aniline

Concen: 14.68 ng

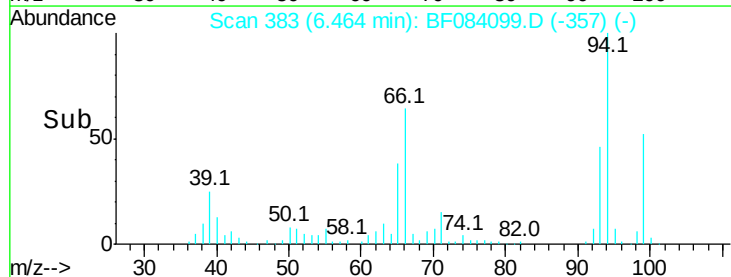
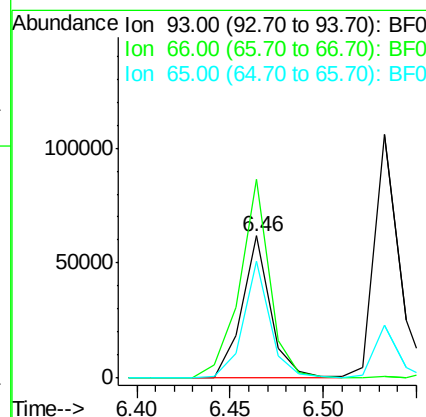
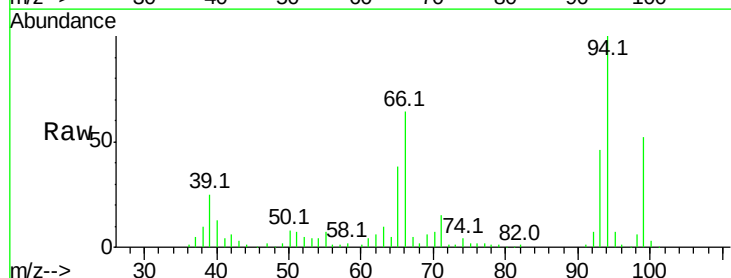
RT: 6.46 min Scan# 383

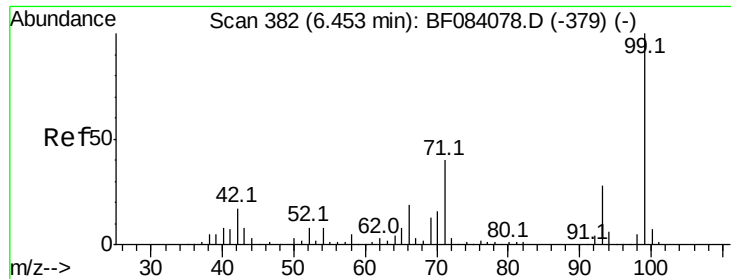
Delta R.T. -0.00 min

Lab File: BF084099.D

Acq: 25 Dec 2015 00:46

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	67234		
66	139.8	44.9	67.3#	
65	82.5	23.7	35.5#	





#7

Phenol-d6

Concen: 96.47 ng

RT: 6.45 min Scan# 382

Delta R.T. -0.00 min

Lab File: BF084099.D

Acq: 25 Dec 2015 00:46

Instrument :

BNA_F

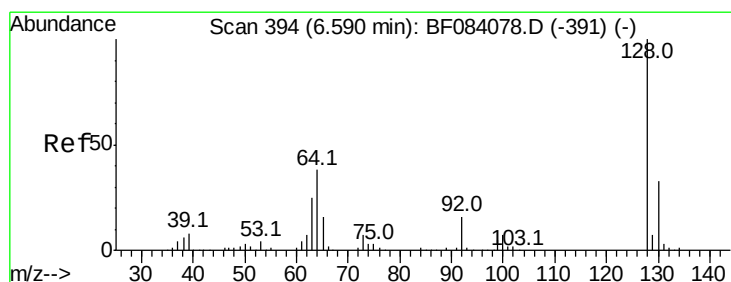
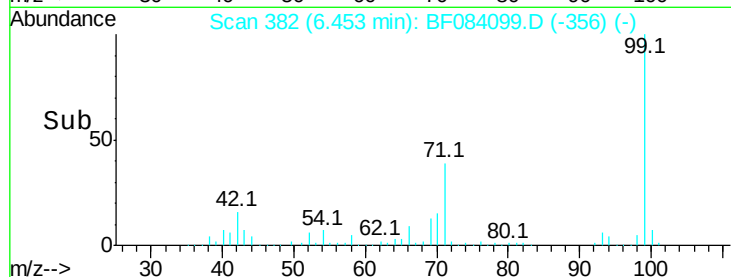
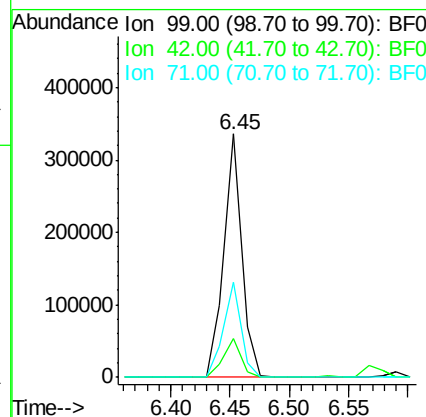
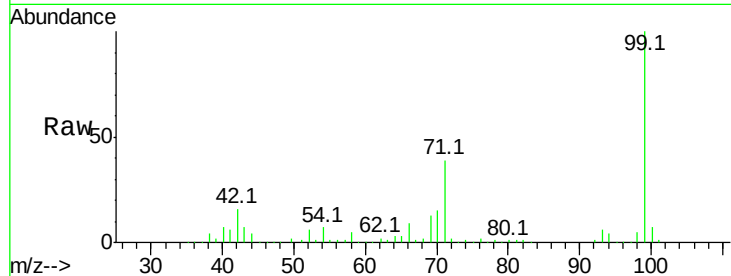
ClientSampleId :

PB87558BSD

Tot Ion:	99	Resp:	349402
Ion Ratio	Lower	Upper	
99	100		
42	16.2	12.8	19.2
71	39.2	30.9	46.3

Manual Integrations
APPROVED

Sohil
12/28/2015 1:10:08 PM



#8

2-Chlorophenol

Concen: 32.50 ng

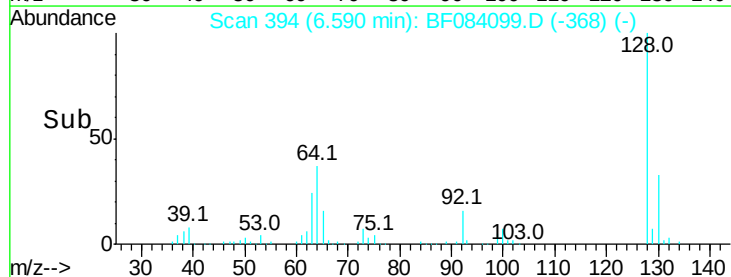
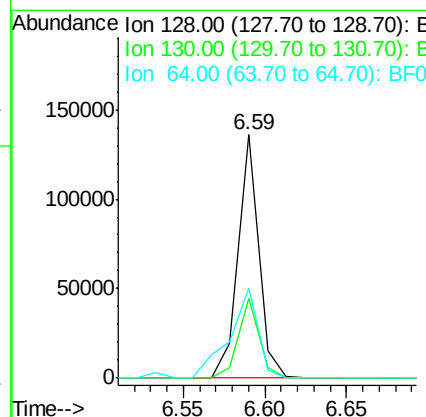
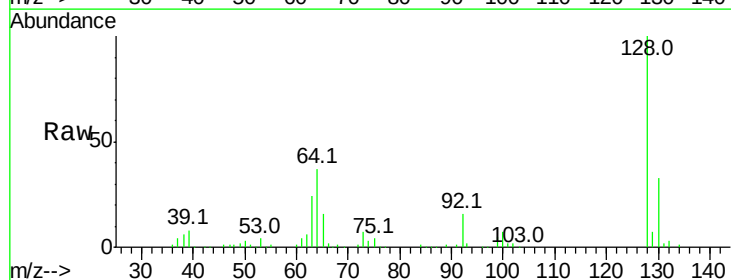
RT: 6.59 min Scan# 394

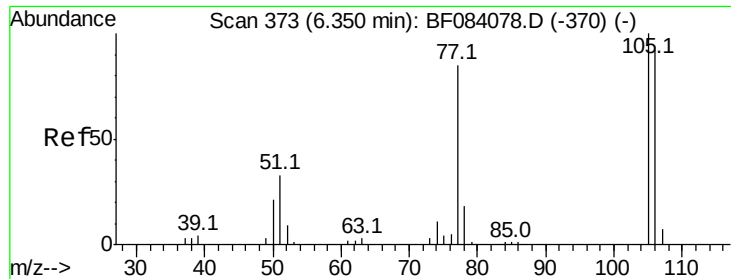
Delta R.T. -0.00 min

Lab File: BF084099.D

Acq: 25 Dec 2015 00:46

Tgt Ion:	128	Resp:	118147
Ion Ratio	Lower	Upper	
128	100		
130	32.8	11.6	51.6
64	37.1	23.8	63.8





#9

Benzaldehyde

Concen: 16.90 ng

RT: 6.35 min Scan# 373

Delta R.T. -0.00 min

Lab File: BF084099.D

Acq: 25 Dec 2015 00:46

Instrument :

BNA_F

ClientSampleId :

PB87558BSD

Tot Ion: 77 Resp: 32729

Ion Ratio Lower Upper

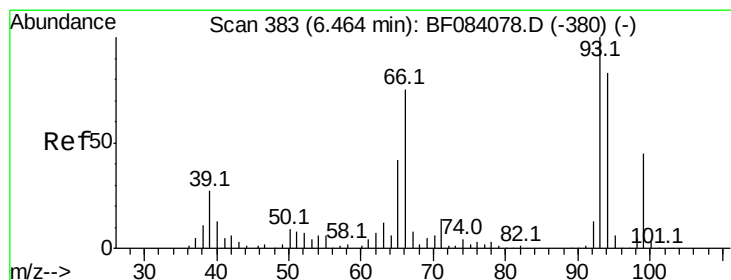
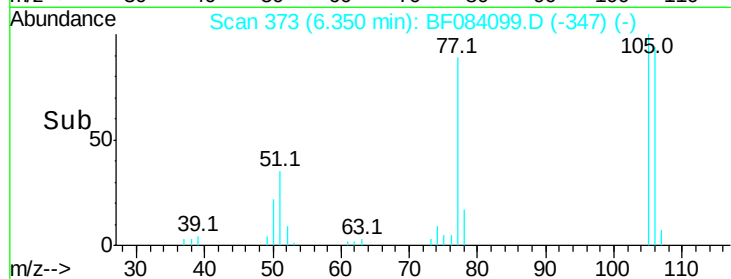
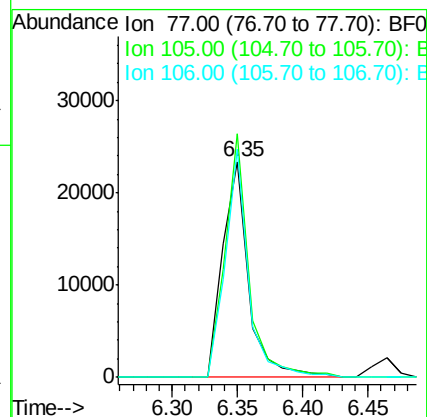
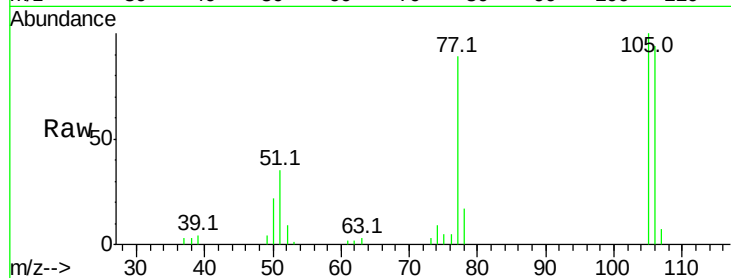
77 100

105 112.9 83.0 123.0

106 105.8 74.6 114.6

Manual Integrations
APPROVED

Sohil
12/28/2015 1:10:08 PM



#10

Phenol

Concen: 30.63 ng

RT: 6.46 min Scan# 383

Delta R.T. -0.00 min

Lab File: BF084099.D

Acq: 25 Dec 2015 00:46

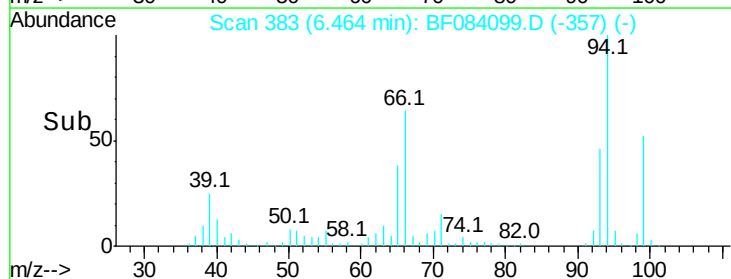
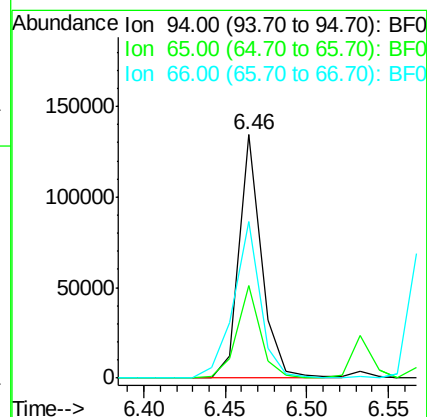
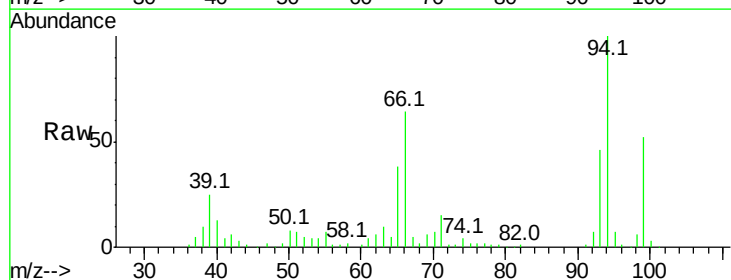
Tgt Ion: 94 Resp: 126896

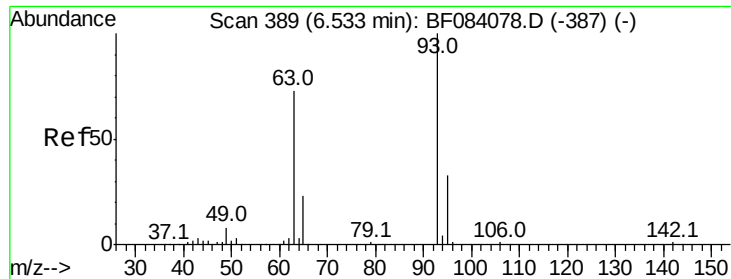
Ion Ratio Lower Upper

94 100

65 37.9 12.9 52.9

66 64.2 32.7 72.7





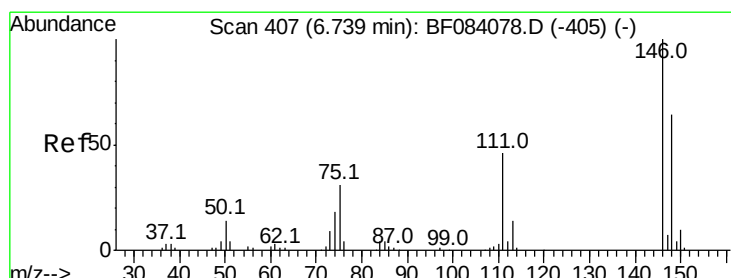
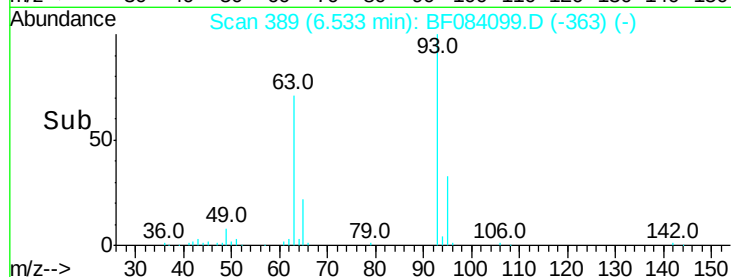
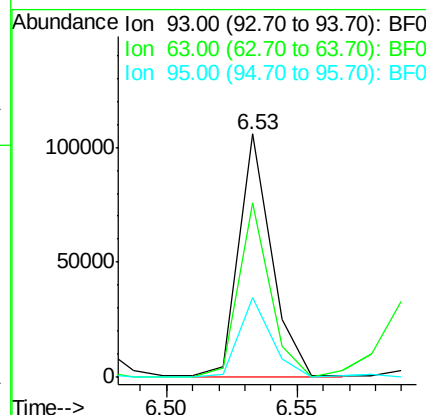
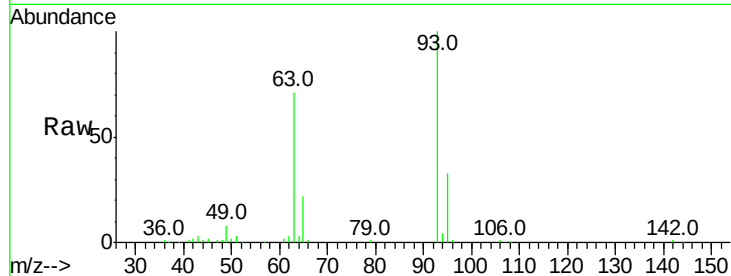
#11
bis(2-Chloroethyl)ether
Concen: 31.41 ng
RT: 6.53 min Scan# 389
Delta R.T. -0.00 min
Lab File: BF084099.D
Acq: 25 Dec 2015 00:46

Instrument :
BNA_F
ClientSampleId :
PB87558BSD

Tot Ion	Ratio	Lower	Upper
93	100		
63	71.5	45.9	85.9
95	32.5	12.3	52.3

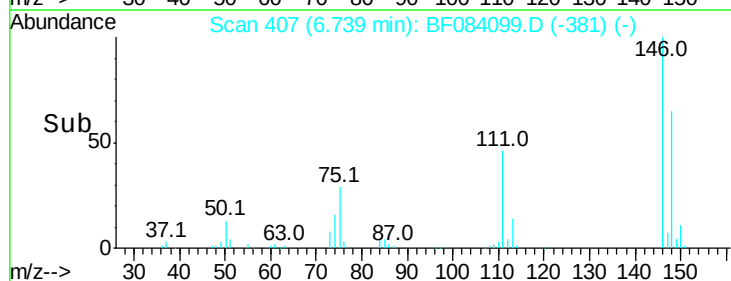
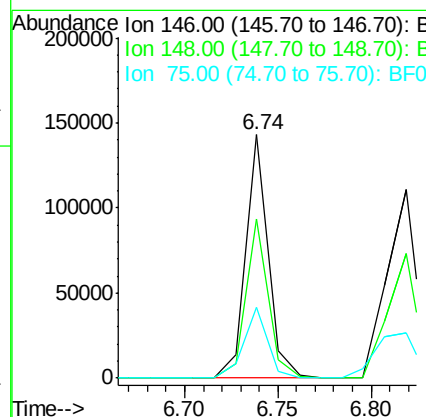
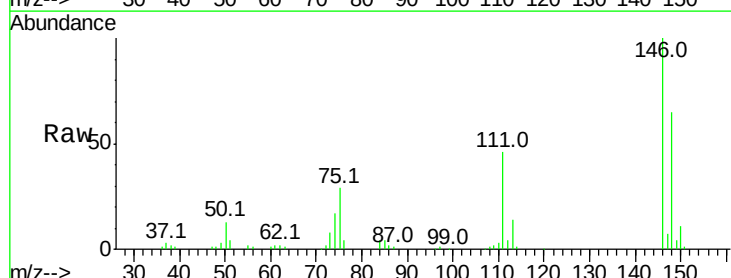
Manual Integrations
APPROVED

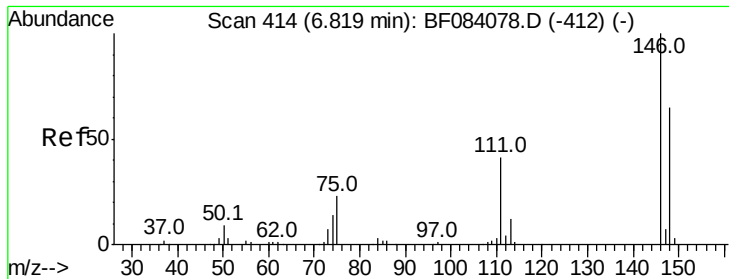
Sohil
12/28/2015 1:10:08 PM



#12
1,3-Dichlorobenzene
Concen: 30.20 ng
RT: 6.74 min Scan# 407
Delta R.T. -0.00 min
Lab File: BF084099.D
Acq: 25 Dec 2015 00:46

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.4	51.9	77.9
75	29.3	20.5	30.7





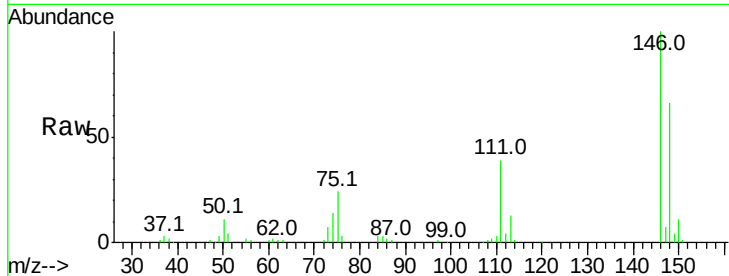
#13
 1,4-Dichlorobenzene
 Concen: 29.86 ng/mL
 RT: 6.82 min Scan# 414
 Delta R.T. -0.00 min
 Lab File: BF084099.D
 Acq: 25 Dec 2015 00:46

Instrument :
 BNA_F
 ClientSampleID :
 PB87558BSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	66.0	51.9	77.9
111	38.8	41.6	62.4

Manual Integrations
 APPROVED

Sohil
 12/28/2015 1:10:08 PM

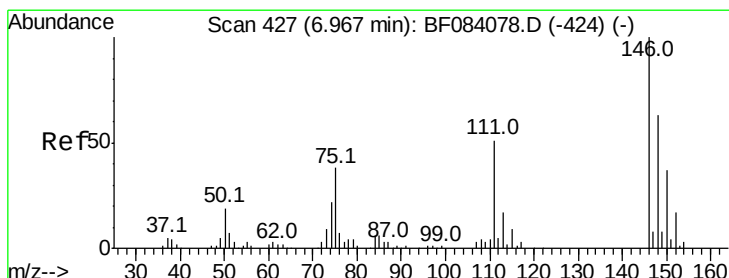
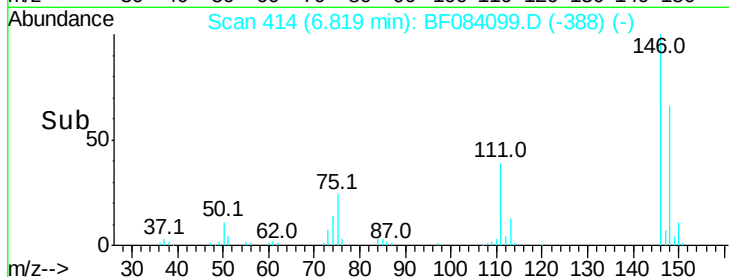
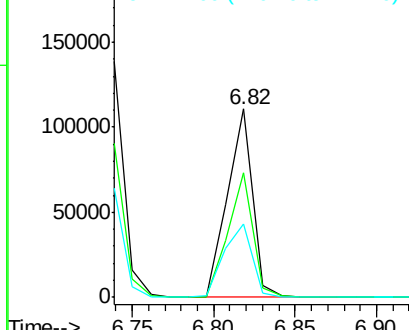


Abundance

Ion 146.00 (145.70 to 146.70): E

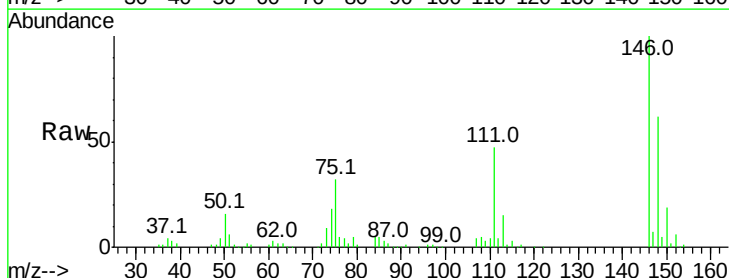
Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14
 1,2-Dichlorobenzene
 Concen: 31.66 ng/mL
 RT: 6.97 min Scan# 427
 Delta R.T. -0.00 min
 Lab File: BF084099.D
 Acq: 25 Dec 2015 00:46

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.1	51.6	77.4
111	47.3	38.0	57.0

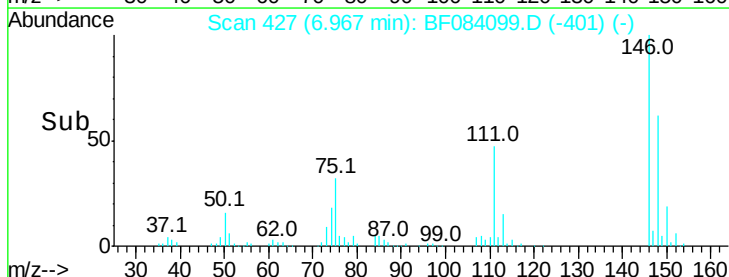
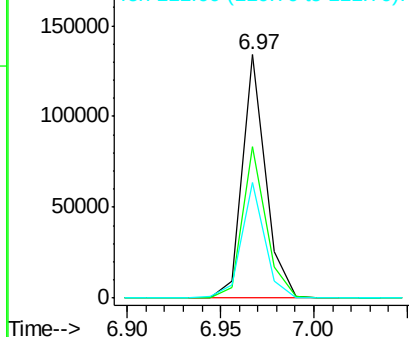


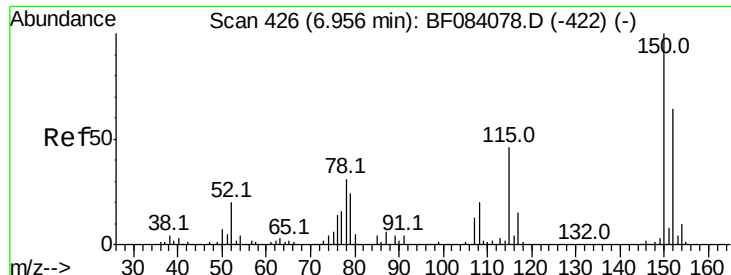
Abundance

Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 33.08 ng

RT: 6.94 min Scan# 425

Delta R.T. -0.01 min

Lab File: BF084099.D

Acq: 25 Dec 2015 00:46

Instrument :

BNA_F

ClientSampleId :

PB87558BSD

Tot Ion: 79 Resp: 90744

Ion Ratio Lower Upper

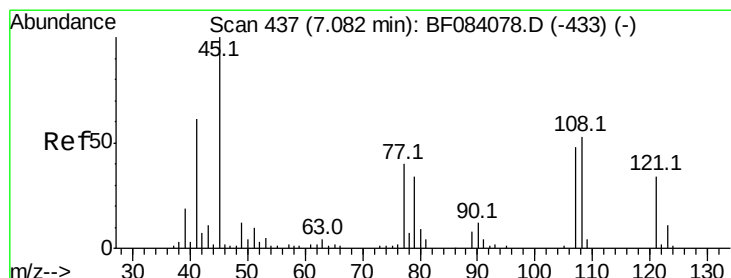
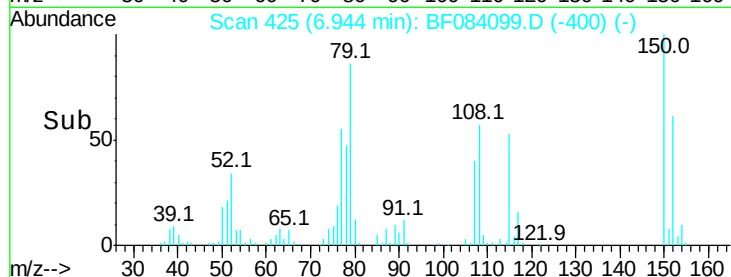
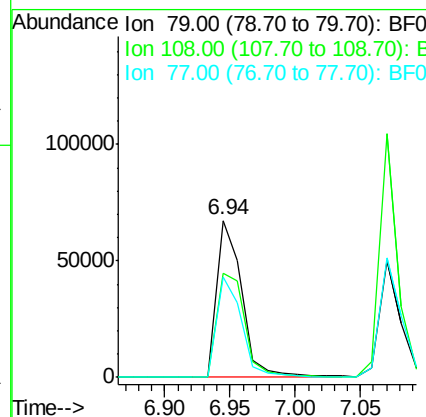
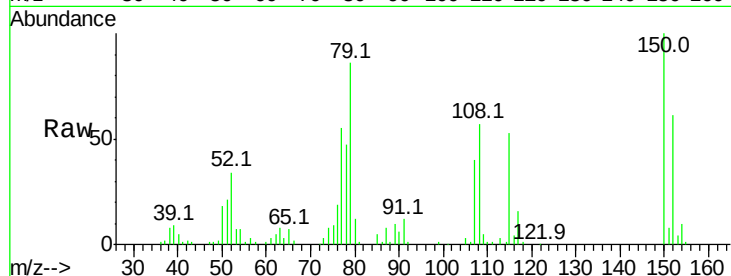
79 100

108 66.2 69.0 103.4#

77 63.8 50.0 75.0

Manual Integrations
APPROVED

Sohil
12/28/2015 1:10:08 PM



#16

2,2'-oxybis(1-Chloropropane)

Concen: 30.22 ng

RT: 7.08 min Scan# 437

Delta R.T. -0.00 min

Lab File: BF084099.D

Acq: 25 Dec 2015 00:46

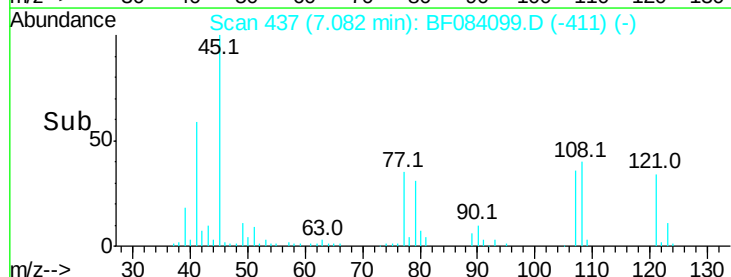
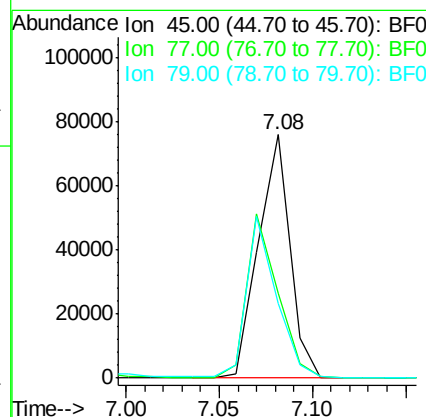
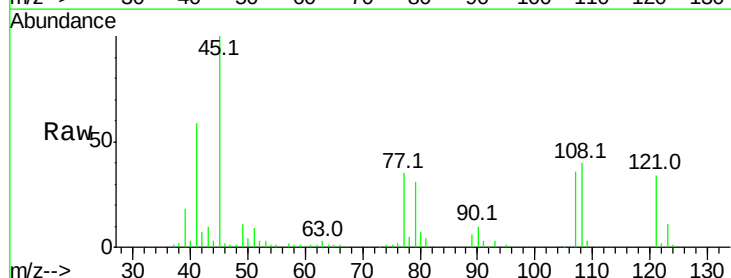
Tgt Ion: 45 Resp: 88192

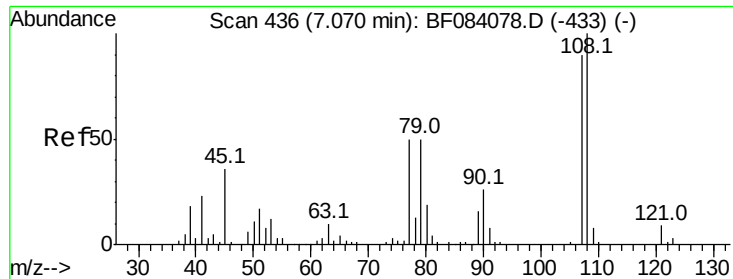
Ion Ratio Lower Upper

45 100

77 35.0 0.0 39.6

79 30.6 0.0 35.0





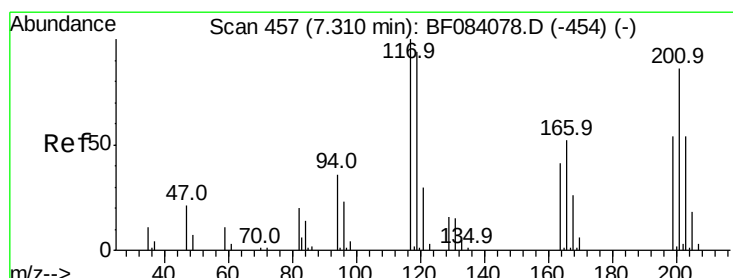
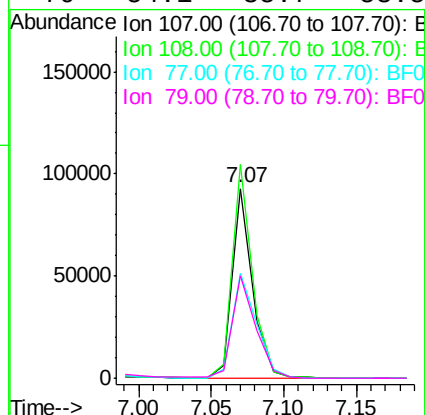
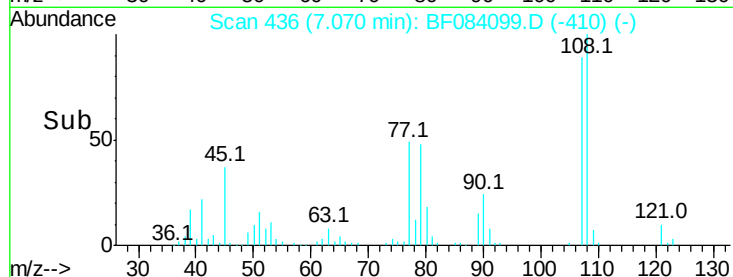
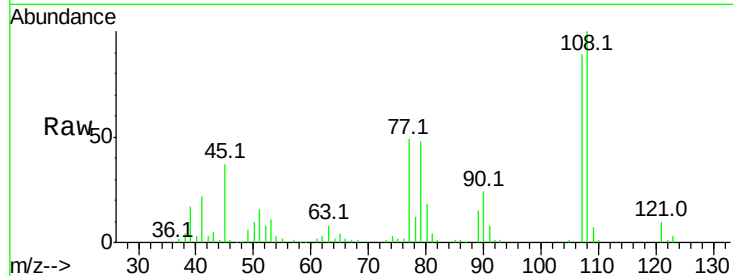
#17
2-Methylphenol
Concen: 32.18 ng
RT: 7.07 min Scan# 436
Delta R.T. -0.00 min
Lab File: BF084099.D
Acq: 25 Dec 2015 00:46

Instrument :
BNA_F
ClientSampleId :
PB87558BSD

Tot Ion	Ratio	Lower	Upper
107	100		
108	112.7	89.8	134.6
77	55.3	35.7	53.5#
79	54.1	35.7	53.5#

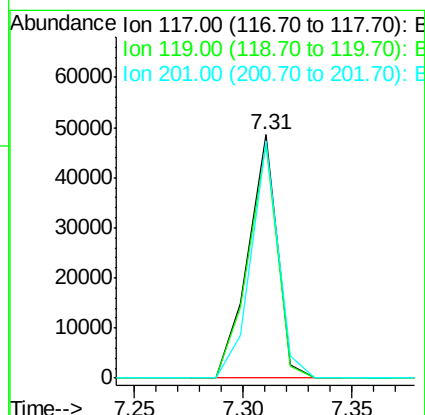
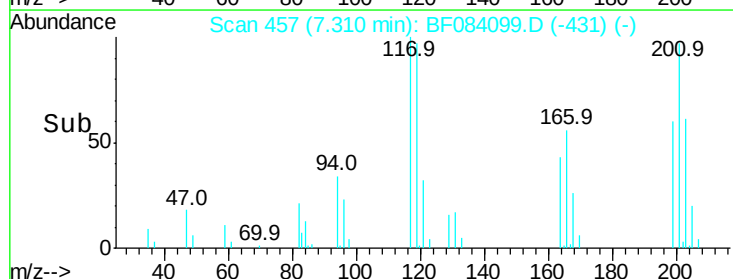
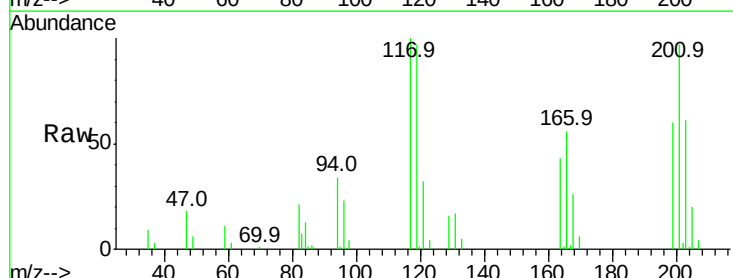
Manual Integrations
APPROVED

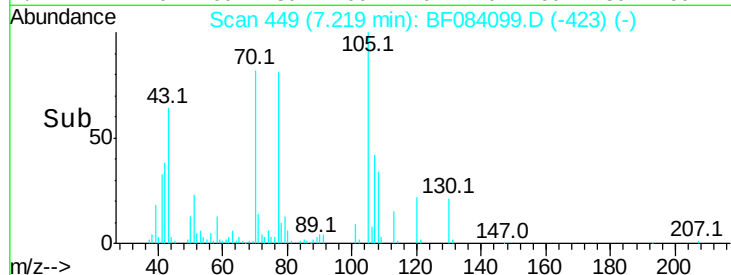
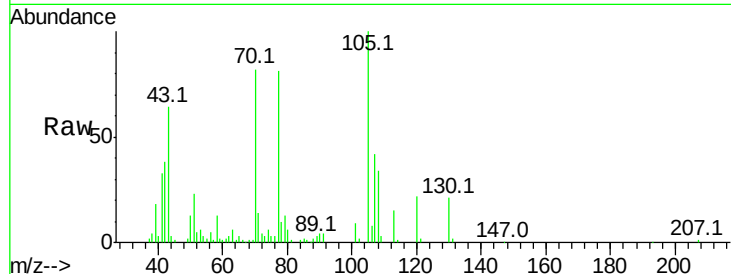
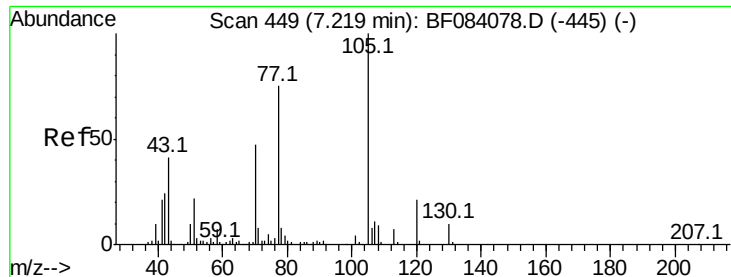
Sohil
12/28/2015 1:10:08 PM



#18
Hexachloroethane
Concen: 31.11 ng
RT: 7.31 min Scan# 457
Delta R.T. -0.00 min
Lab File: BF084099.D
Acq: 25 Dec 2015 00:46

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.6	77.4	116.0
201	97.3	68.6	103.0





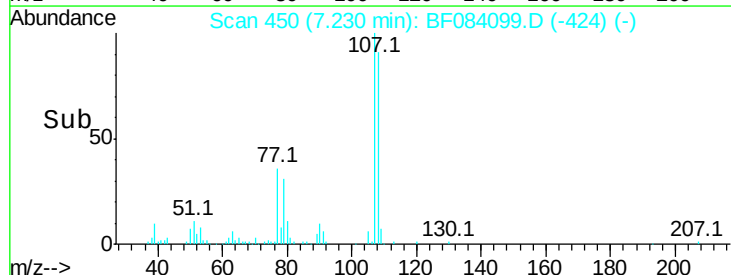
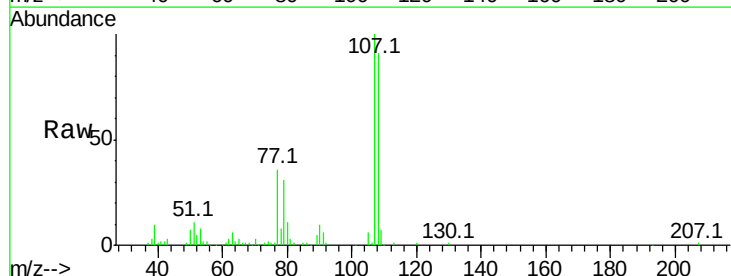
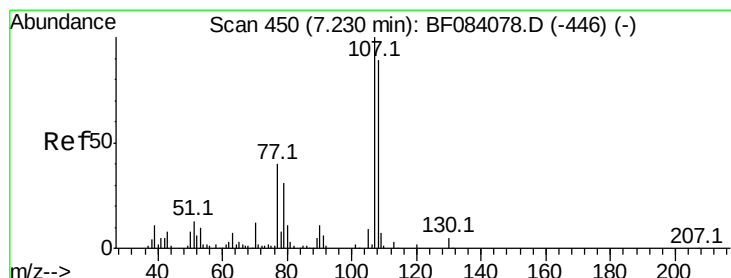
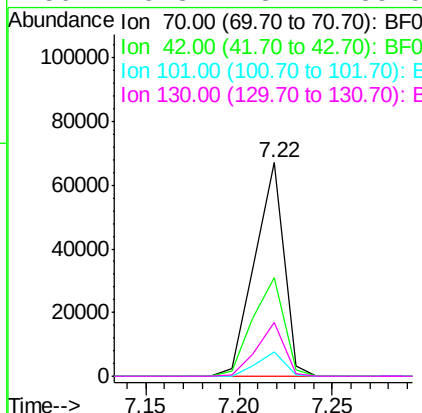
#19
n-Nitroso-di-n-propylamine
Concen: 32.56 ng
RT: 7.22 min Scan# 449
Delta R.T. -0.00 min
Lab File: BF084099.D
Acq: 25 Dec 2015 00:46

Instrument :
BNA_F
ClientSampleId :
PB87558BSD

Tot Ion	70	Resp	72649
Ion Ratio	Lower	Upper	
70	100		
42	46.4	33.3	49.9
101	11.4	9.3	13.9
130	25.3	23.4	35.0

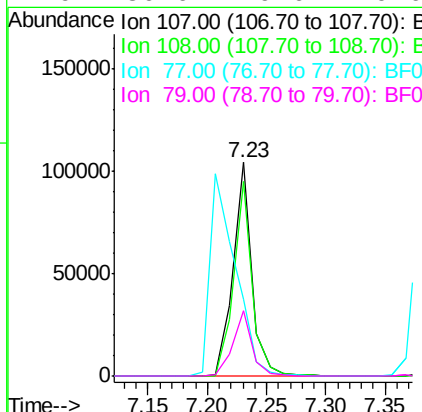
Manual Integrations
APPROVED

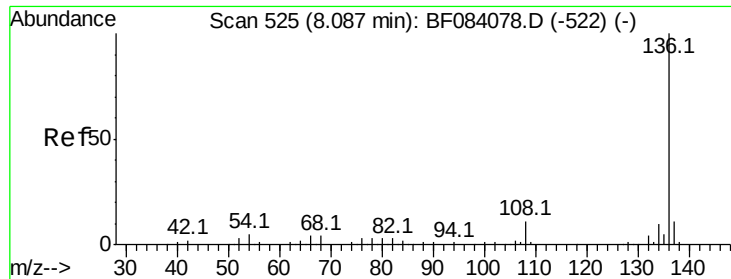
Sohil
12/28/2015 1:10:08 PM



#20
3+4-Methylphenols
Concen: 32.24 ng
RT: 7.23 min Scan# 450
Delta R.T. -0.00 min
Lab File: BF084099.D
Acq: 25 Dec 2015 00:46

Tgt Ion	107	Resp	114802
Ion Ratio	Lower	Upper	
107	100		
108	91.1	64.1	104.1
77	35.8	128.9	168.9#
79	30.6	9.6	49.6





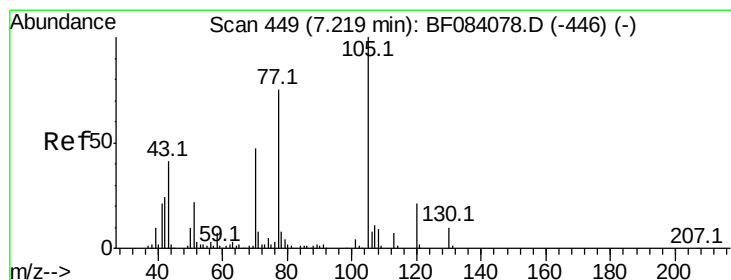
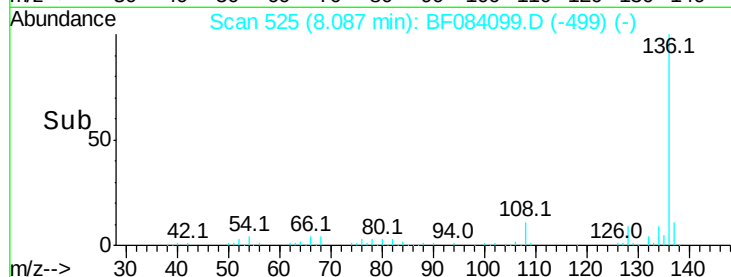
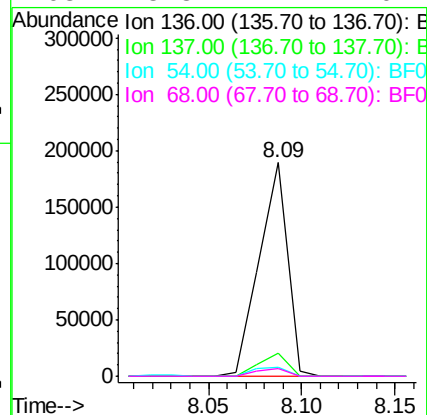
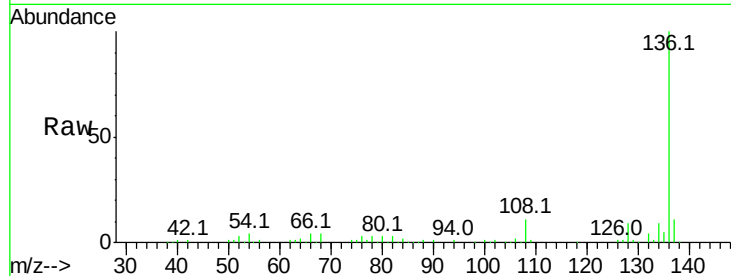
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.09 min Scan# 525
Delta R.T. -0.00 min
Lab File: BF084099.D
Acq: 25 Dec 2015 00:46

Instrument :
BNA_F
ClientSampleId :
PB87558BSD

Tot Ion	Ratio	Resp	Lower	Upper
136	100	198843		
137	10.7	8.7	13.1	
54	4.4	5.8	8.8#	
68	3.8	4.2	6.2#	

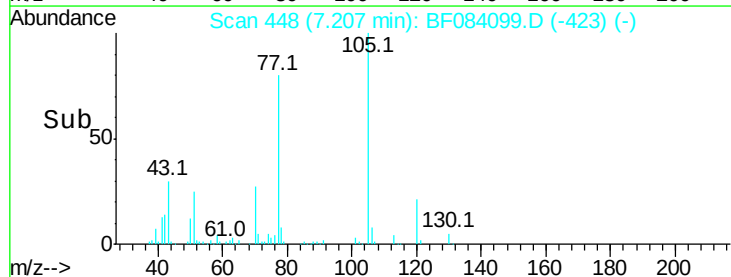
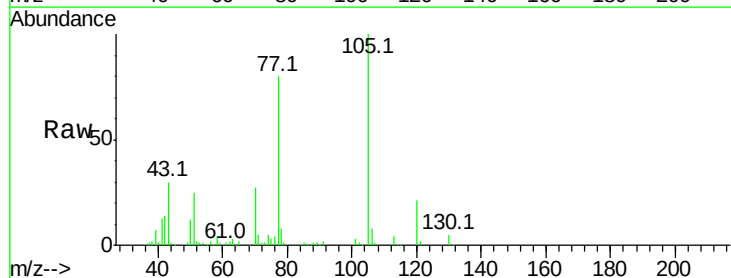
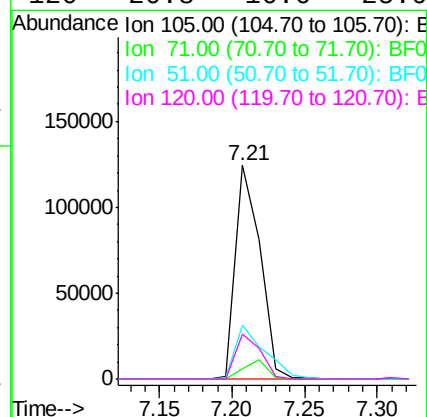
Manual Integrations
APPROVED

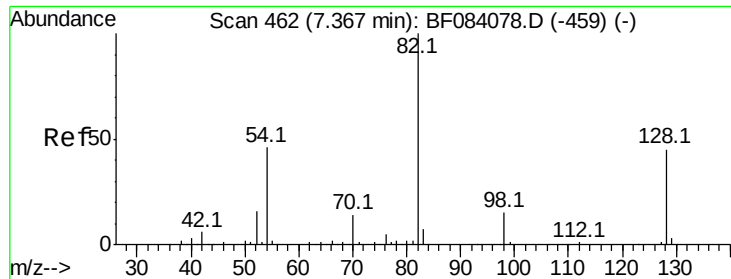
Sohil
12/28/2015 1:10:08 PM



#22
Acetophenone
Concen: 29.59 ng
RT: 7.21 min Scan# 448
Delta R.T. -0.01 min
Lab File: BF084099.D
Acq: 25 Dec 2015 00:46

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	147007		
71	4.6	3.7	5.5	
51	25.1	25.1	37.7#	
120	20.8	16.6	25.0	





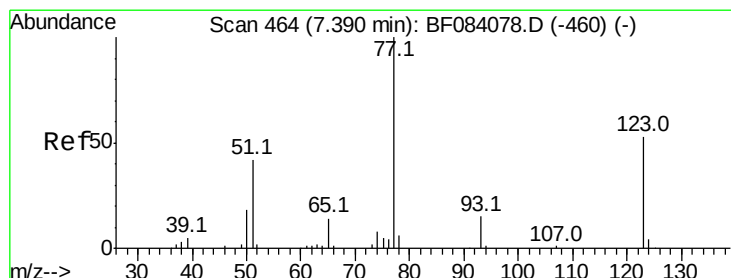
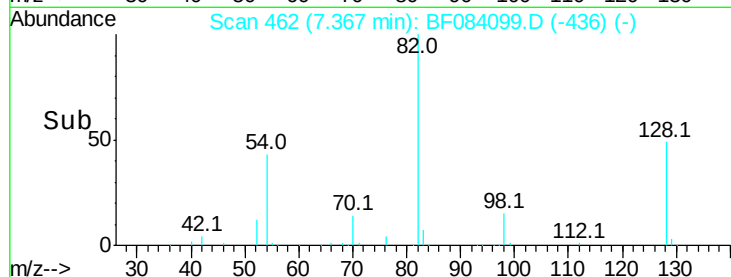
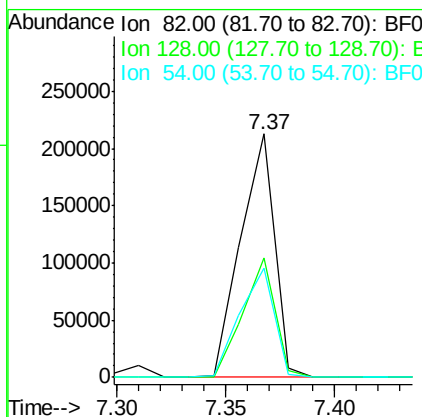
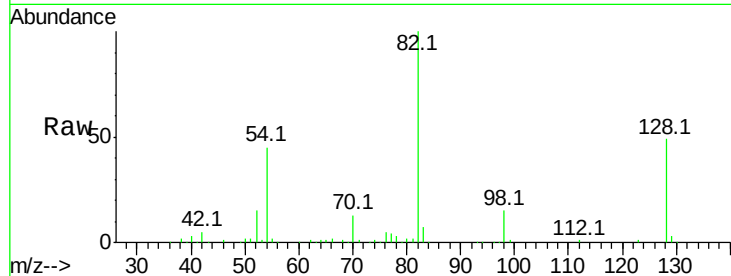
#23
Nitrobenzene-d5
Concen: 67.70 ng
RT: 7.37 min Scan# 462
Delta R.T. -0.00 min
Lab File: BF084099.D
Acq: 25 Dec 2015 00:46

Instrument :
BNA_F
ClientSampleId :
PB87558BSD

Tot Ion	Ratio	Lower	Upper
82	100		
128	48.8	34.6	51.8
54	44.8	38.4	57.6

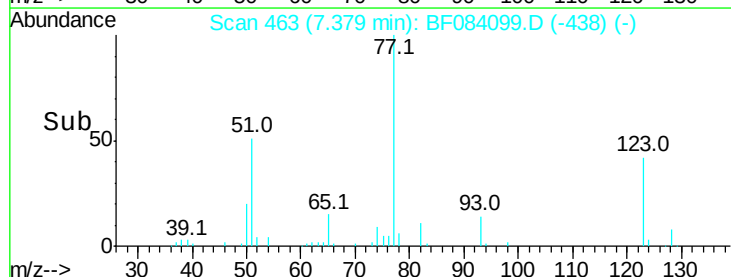
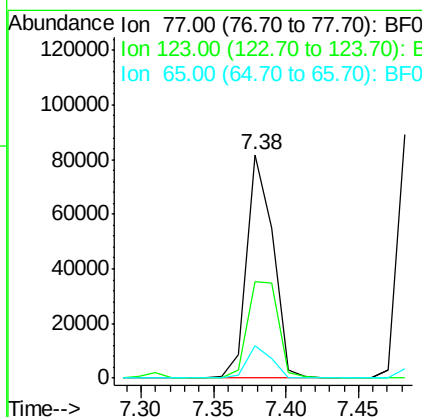
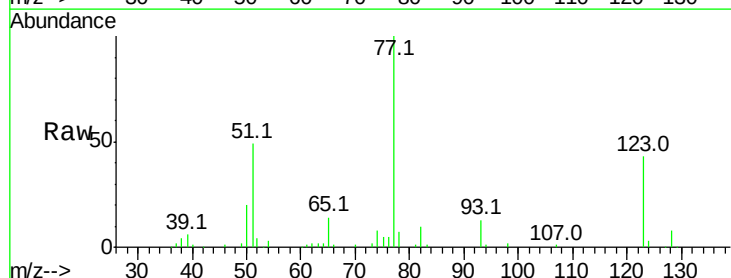
Manual Integrations
APPROVED

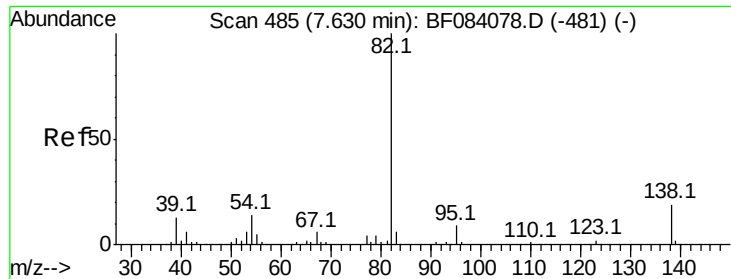
Sohil
12/28/2015 1:10:08 PM



#24
Nitrobenzene
Concen: 28.45 ng
RT: 7.38 min Scan# 463
Delta R.T. -0.01 min
Lab File: BF084099.D
Acq: 25 Dec 2015 00:46

Tgt Ion	Ratio	Lower	Upper
77	100		
123	42.9	37.4	56.2
65	14.3	10.9	16.3





#25

Isophorone

Concen: 29.95 ng

RT: 7.62 min Scan# 484

Delta R.T. -0.01 min

Lab File: BF084099.D

Acq: 25 Dec 2015 00:46

Instrument :

BNA_F

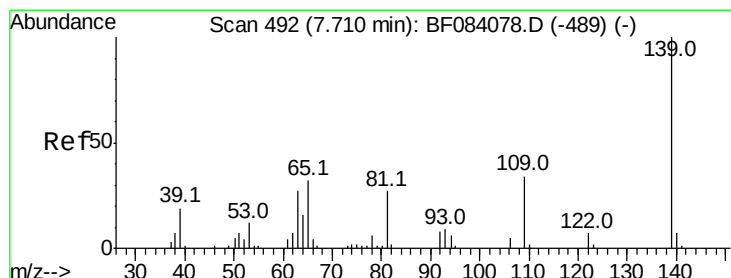
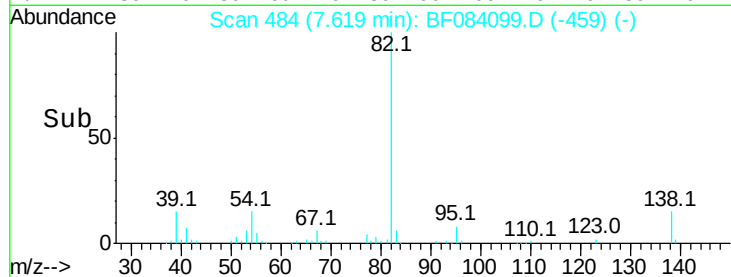
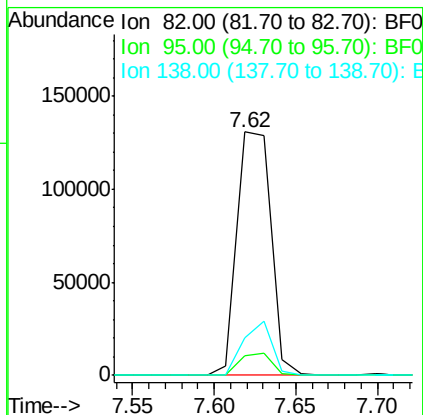
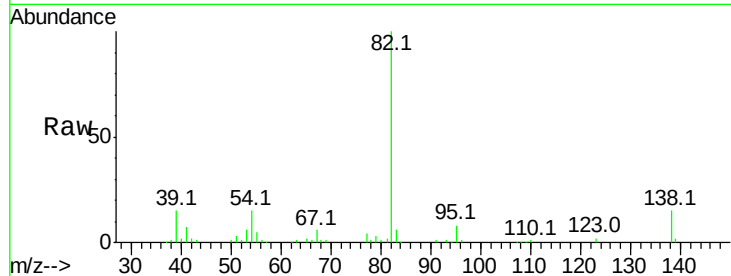
ClientSampleId :

PB87558BSD

Tot Ion:	82	Resp:	188168
Ion Ratio	Lower	Upper	
82	100		
95	8.3	6.6	10.0
138	15.2	13.6	20.4

Manual Integrations
APPROVED

Sohil
12/28/2015 1:10:08 PM



#26

2-Nitrophenol

Concen: 30.54 ng

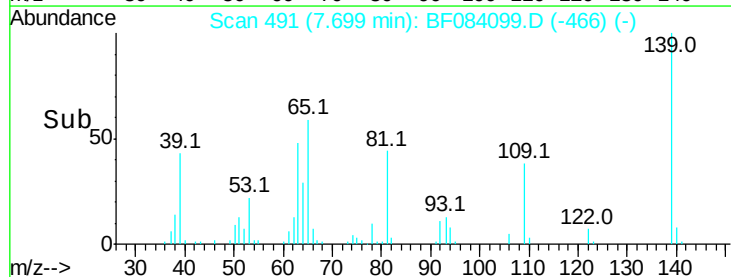
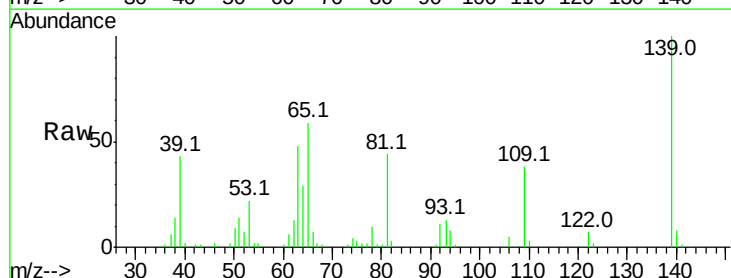
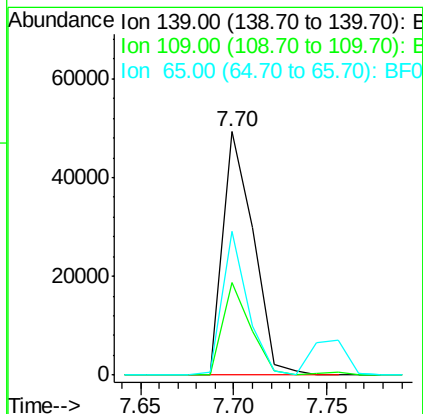
RT: 7.70 min Scan# 491

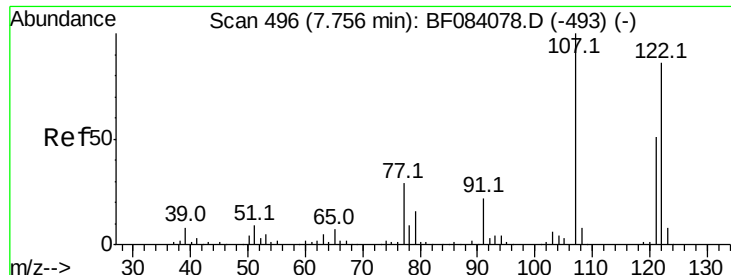
Delta R.T. -0.01 min

Lab File: BF084099.D

Acq: 25 Dec 2015 00:46

Tgt Ion:	139	Resp:	56379
Ion Ratio	Lower	Upper	
139	100		
109	38.0	25.4	38.2
65	59.0	32.3	48.5#





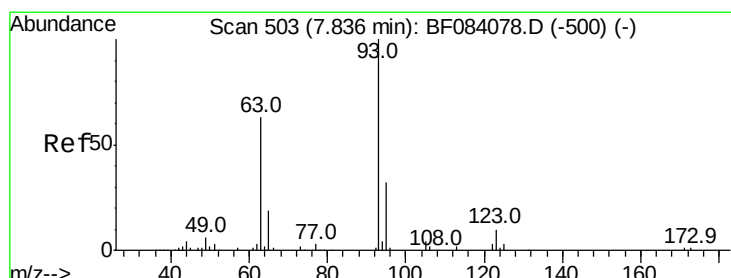
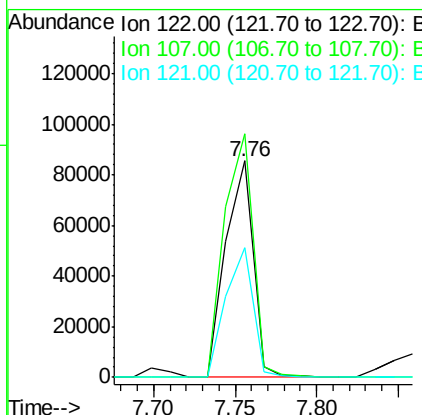
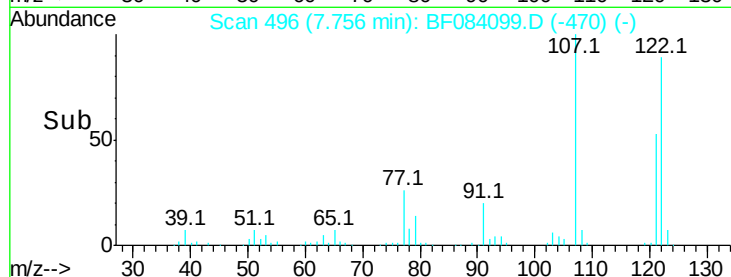
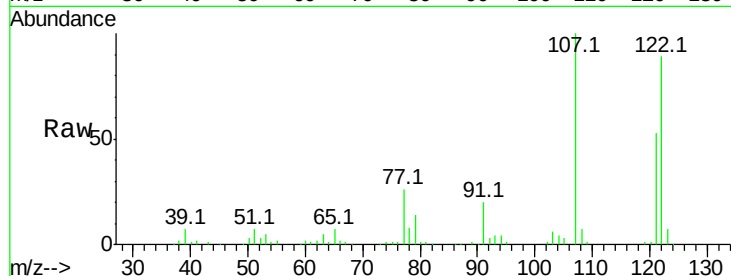
#27
 2,4-Dimethylphenol
 Concen: 32.40 ng
 RT: 7.76 min Scan# 496
 Delta R.T. -0.00 min
 Lab File: BF084099.D
 Acq: 25 Dec 2015 00:46

Instrument :
 BNA_F
 ClientSampleId :
 PB87558BSD

Tot Ion	Ratio	Resp	Lower	Upper
122	100	99276		
107	112.6	99.1	148.7	
121	59.9	47.9	71.9	

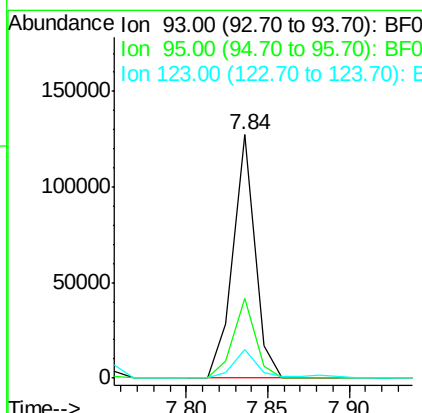
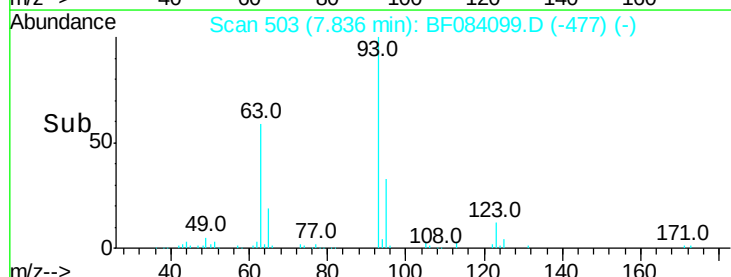
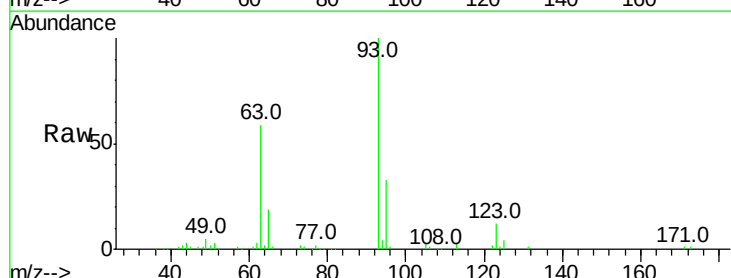
Manual Integrations
 APPROVED

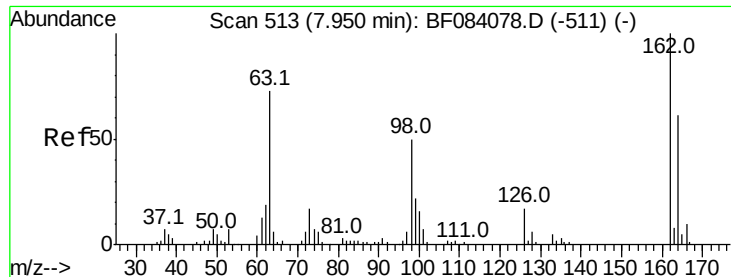
Sohil
 12/28/2015 1:10:08 PM



#28
 bis(2-Chloroethoxy)methane
 Concen: 32.46 ng
 RT: 7.84 min Scan# 503
 Delta R.T. -0.00 min
 Lab File: BF084099.D
 Acq: 25 Dec 2015 00:46

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	118918		
95	32.8	25.8	38.6	
123	11.9	8.6	12.8	





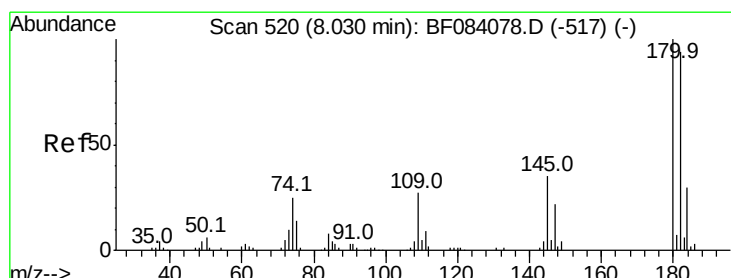
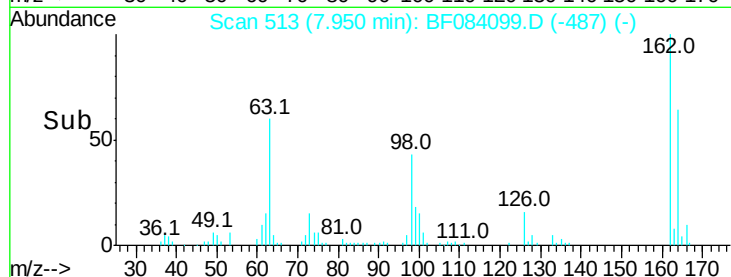
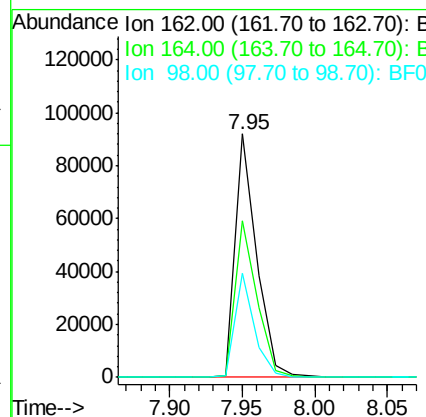
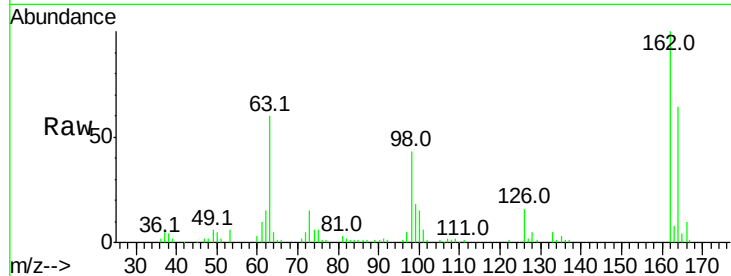
#29
 2,4-Dichlorophenol
 Concen: 33.01 ng
 RT: 7.95 min Scan# 513
 Delta R.T. -0.00 min
 Lab File: BF084099.D
 Acq: 25 Dec 2015 00:46

Instrument :
 BNA_F
 ClientSampleId :
 PB87558BSD

Tot Ion	Ratio	Lower	Upper
162	100		
164	64.2	44.1	84.1
98	42.8	20.2	60.2

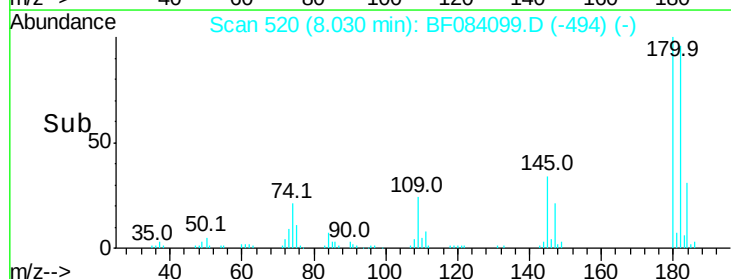
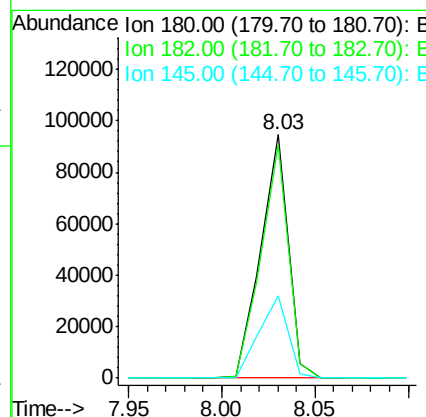
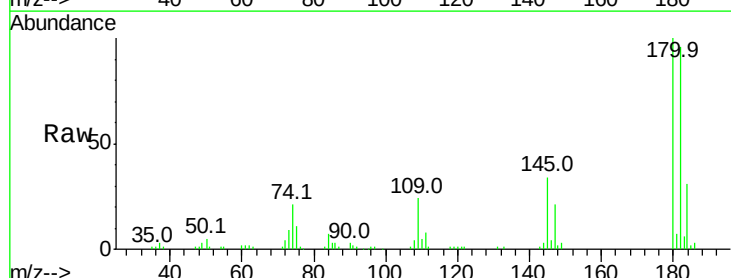
Manual Integrations
 APPROVED

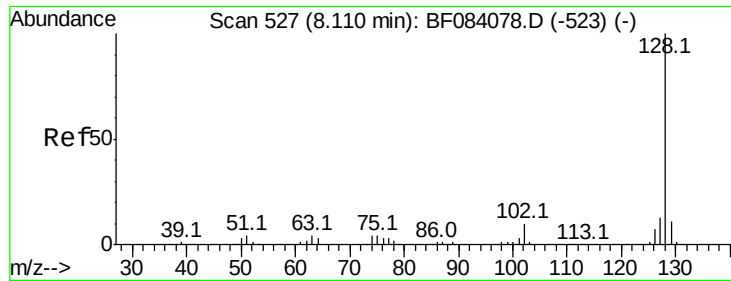
Sohil
 12/28/2015 1:10:08 PM



#30
 1,2,4-Trichlorobenzene
 Concen: 30.82 ng
 RT: 8.03 min Scan# 520
 Delta R.T. -0.00 min
 Lab File: BF084099.D
 Acq: 25 Dec 2015 00:46

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.1	76.4	114.6
145	33.6	31.6	47.4





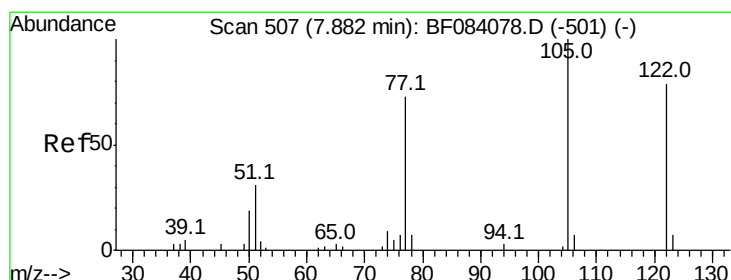
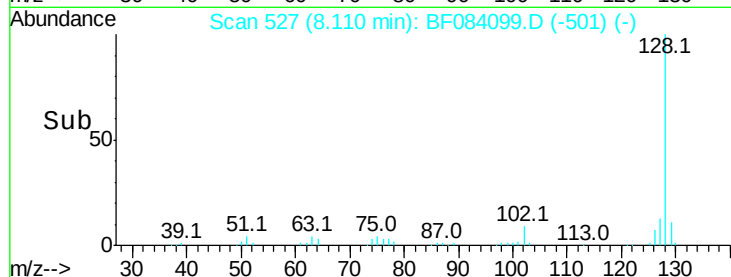
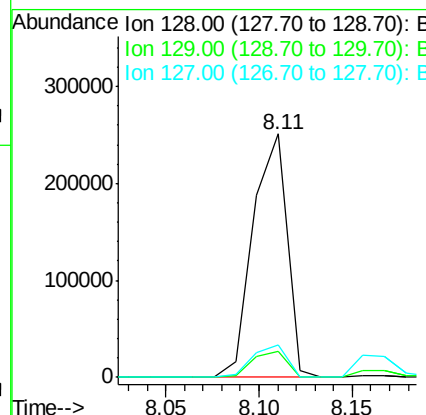
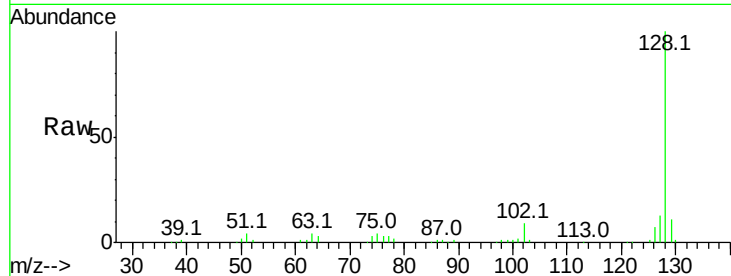
#31
Naphthalene
Concen: 30.05 ng
RT: 8.11 min Scan# 527
Delta R.T. -0.00 min
Lab File: BF084099.D
Acq: 25 Dec 2015 00:46

Instrument :
BNA_F
ClientSampleId :
PB87558BSD

Tot Ion	Ratio	Resp	Lower	Upper
128	100			
129	10.7	9.1	13.7	
127	13.3	11.1	16.7	

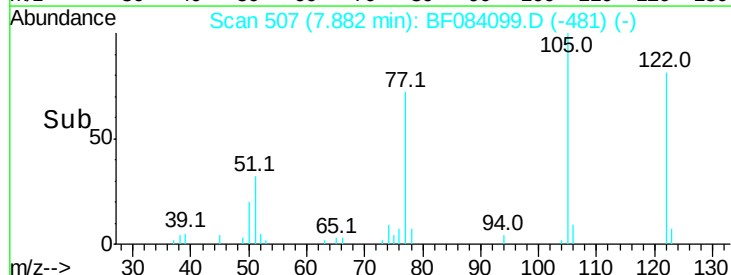
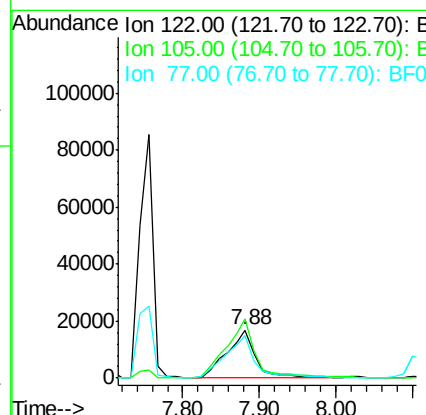
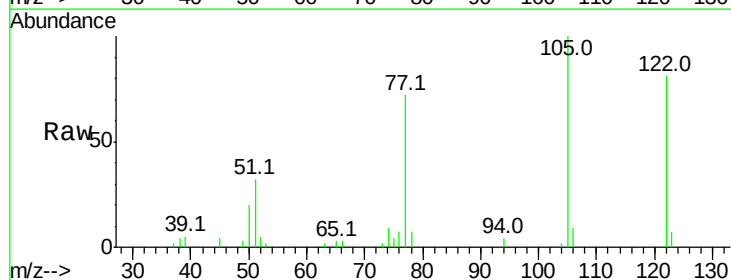
Manual Integrations
APPROVED

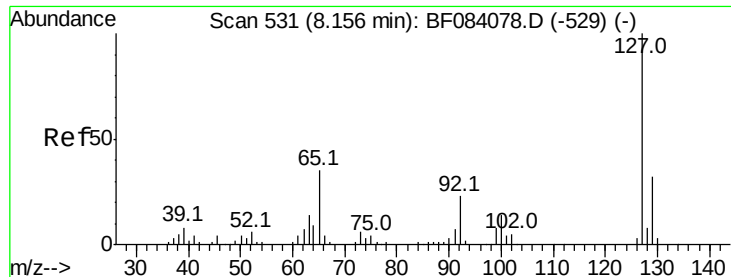
Sohil
12/28/2015 1:10:08 PM



#32
Benzoic acid
Concen: 30.89 ng
RT: 7.88 min Scan# 507
Delta R.T. 0.00 min
Lab File: BF084099.D
Acq: 25 Dec 2015 00:46

Tgt Ion	Ratio	Resp	Lower	Upper
122	100			
105	123.0	100.3	140.3	
77	88.8	63.5	103.5	





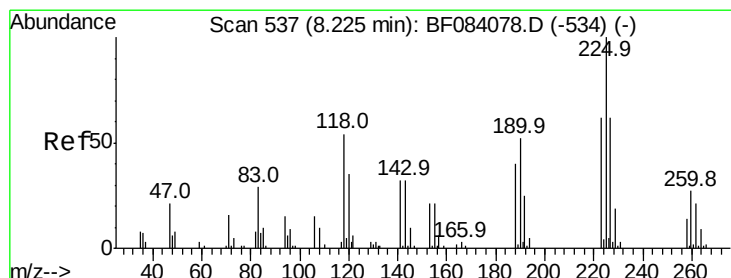
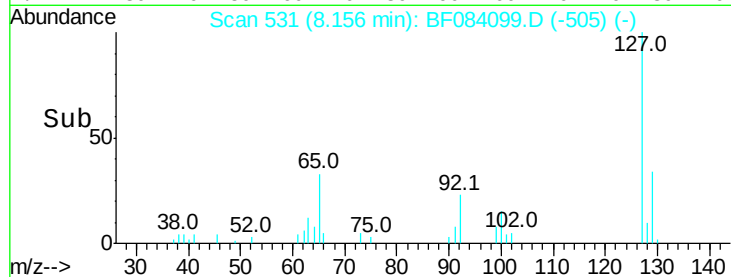
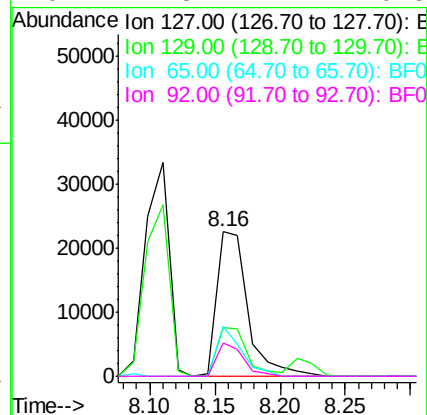
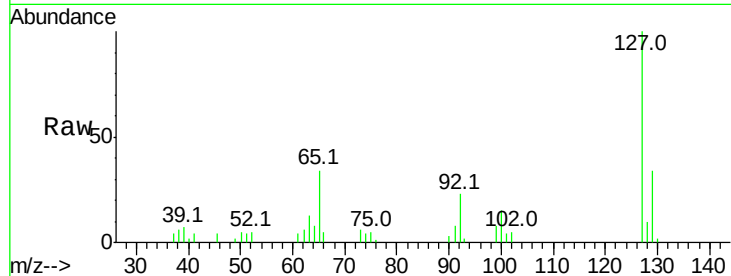
#33
4-Chloroaniline
Concen: 8.88 ng
RT: 8.16 min Scan# 531
Delta R.T. -0.00 min
Lab File: BF084099.D
Acq: 25 Dec 2015 00:46

Instrument :
BNA_F
ClientSampleId :
PB87558BSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100		37380		
129	33.9	26.5	39.7		
65	34.4	27.2	40.8		
92	22.8	17.7	26.5		

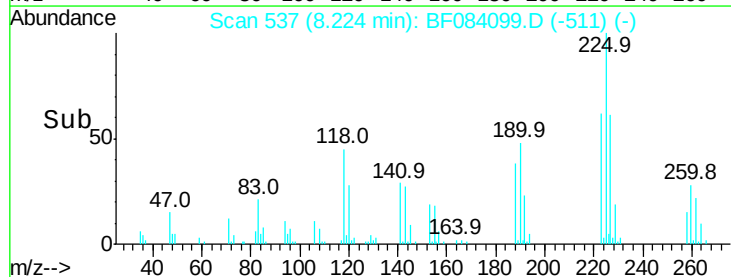
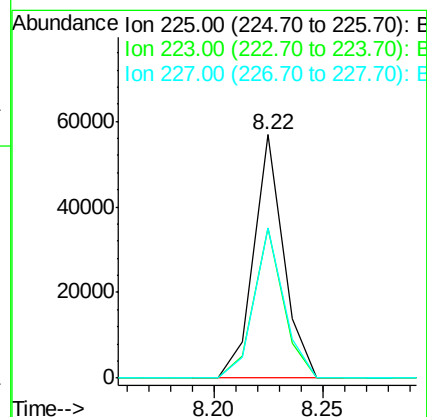
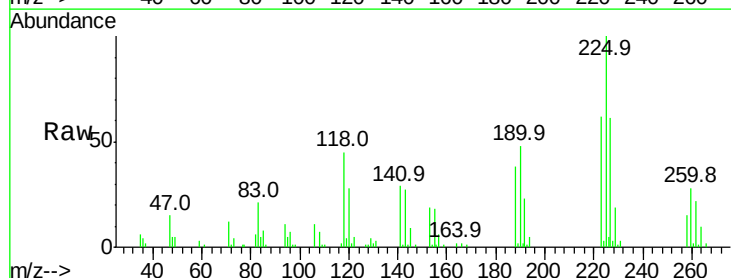
Manual Integrations
APPROVED

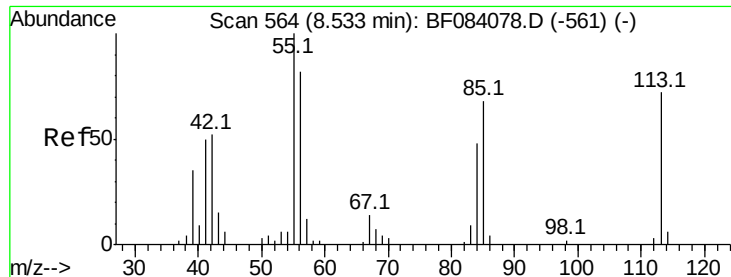
Sohil
12/28/2015 1:10:08 PM



#34
Hexachlorobutadiene
Concen: 30.60 ng
RT: 8.22 min Scan# 537
Delta R.T. -0.00 min
Lab File: BF084099.D
Acq: 25 Dec 2015 00:46

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100		54428		
223	61.6	49.4	74.0		
227	61.4	50.8	76.2		





#35

Caprolactam

Concen: 34.56 ng/ml

RT: 8.52 min Scan# 563

Delta R.T. -0.01 min

Lab File: BF084099.D

Acq: 25 Dec 2015 00:46

Instrument :

BNA_F

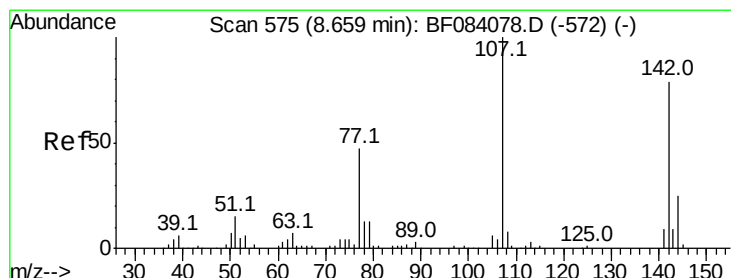
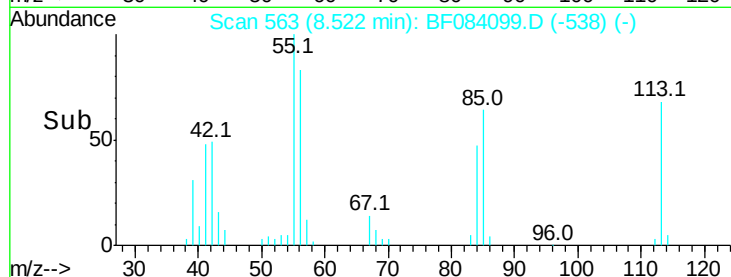
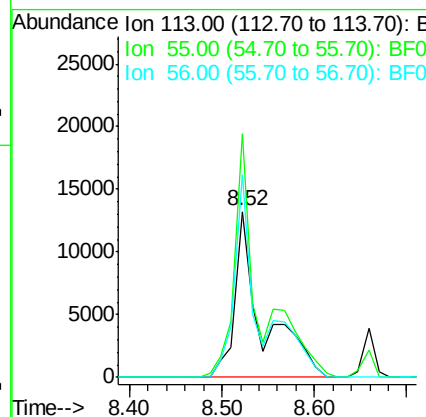
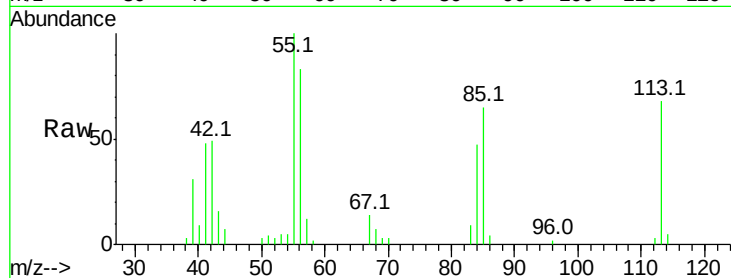
ClientSampleId :

PB87558BSD

Tot Ion:	113	Resp:	27276
Ion Ratio	Lower	Upper	
113	100		
55	147.1	116.9	156.9
56	122.8	93.8	133.8

Manual Integrations
APPROVED

Sohil
12/28/2015 1:10:08 PM



#36

4-Chloro-3-methylphenol

Concen: 34.10 ng/ml

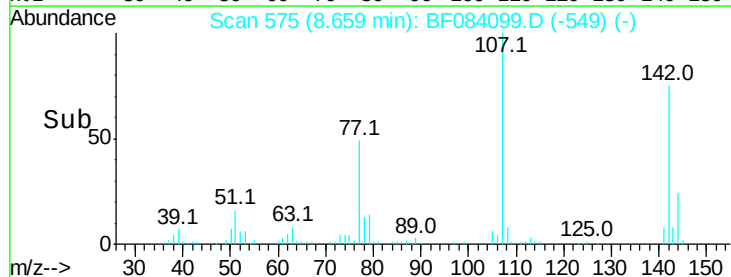
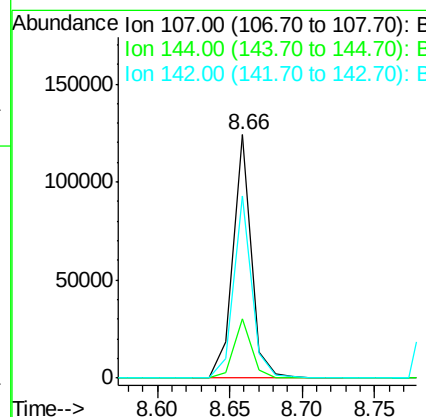
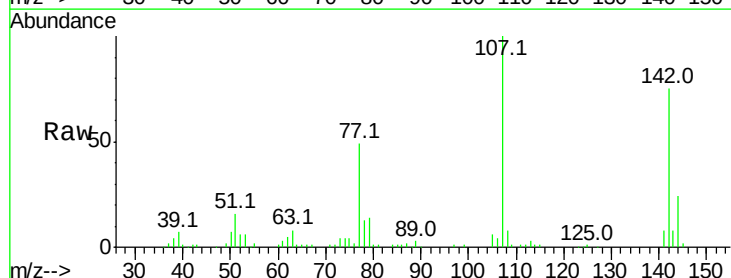
RT: 8.66 min Scan# 575

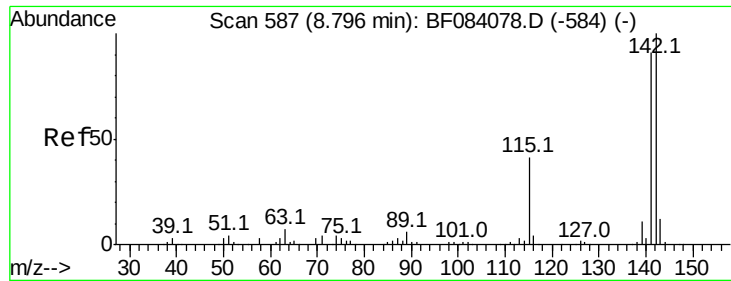
Delta R.T. -0.00 min

Lab File: BF084099.D

Acq: 25 Dec 2015 00:46

Tgt Ion:	107	Resp:	109106
Ion Ratio	Lower	Upper	
107	100		
144	24.2	19.7	29.5
142	74.8	61.8	92.6





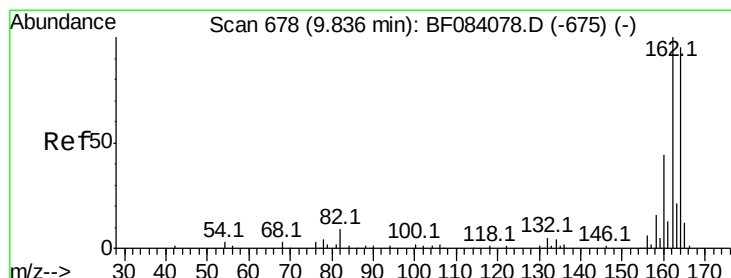
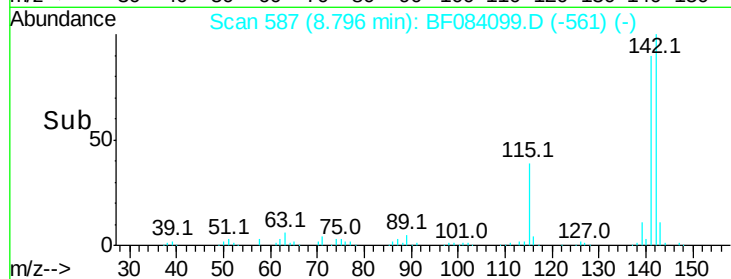
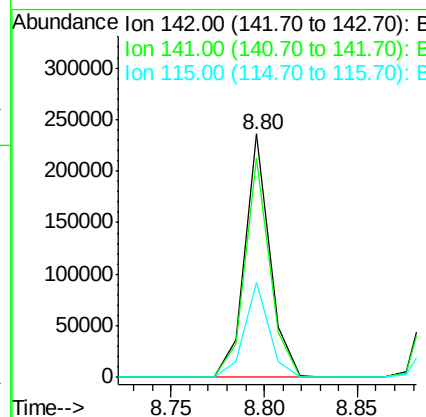
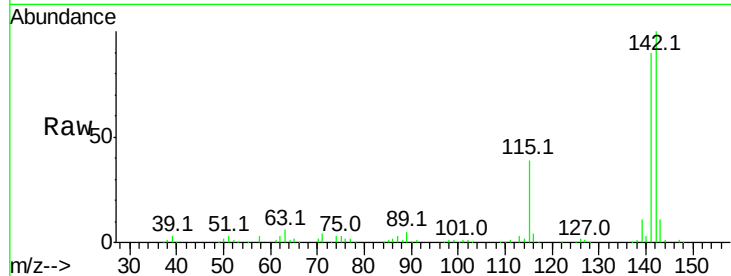
#37
 2-Methylnaphthalene
 Concen: 33.50 ng
 RT: 8.80 min Scan# 587
 Delta R.T. -0.00 min
 Lab File: BF084099.D
 Acq: 25 Dec 2015 00:46

Instrument :
 BNA_F
 ClientSampleId :
 PB87558BSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	90.0	72.4	108.6
115	39.0	27.9	41.9

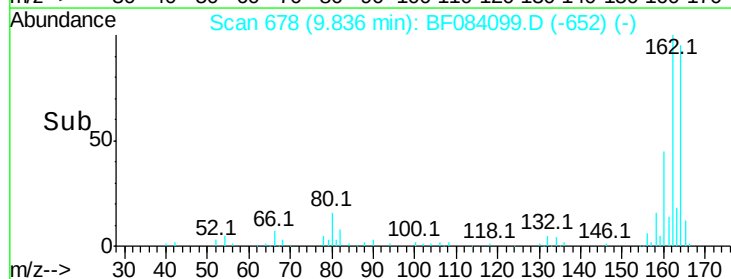
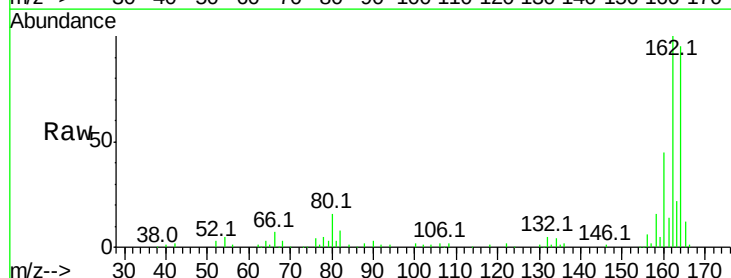
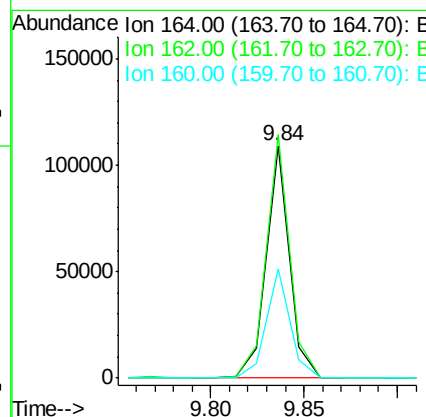
Manual Integrations
 APPROVED

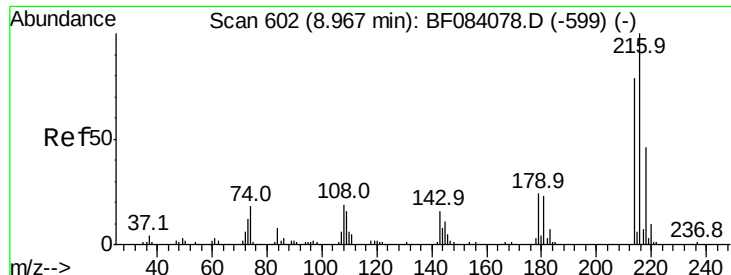
Sohil
 12/28/2015 1:10:08 PM



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.84 min Scan# 678
 Delta R.T. -0.00 min
 Lab File: BF084099.D
 Acq: 25 Dec 2015 00:46

Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.8	85.1	127.7
160	47.0	37.5	56.3





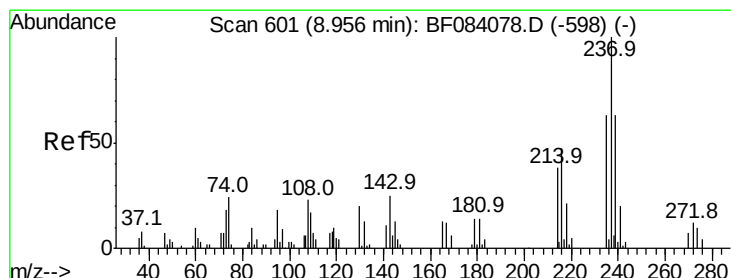
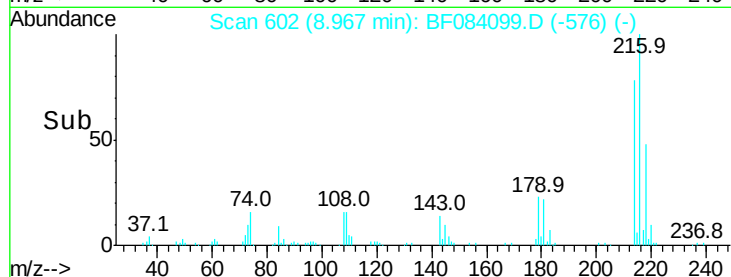
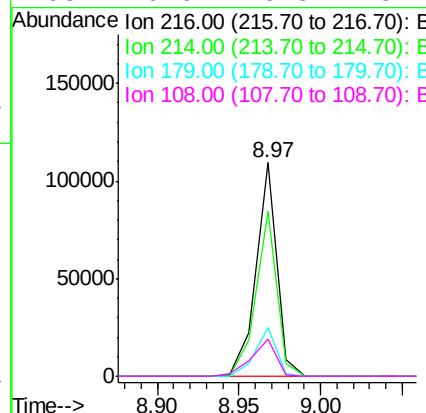
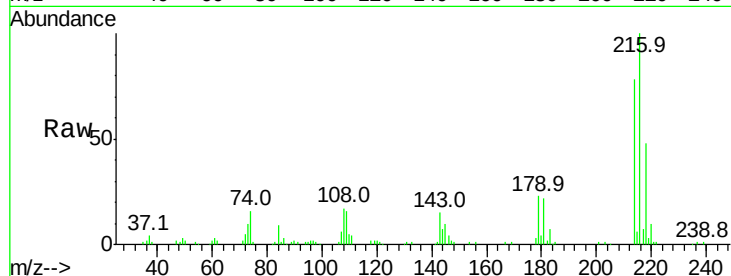
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 32.17 ng
 RT: 8.97 min Scan# 602
 Delta R.T. -0.00 min
 Lab File: BF084099.D
 Acq: 25 Dec 2015 00:46

Instrument :
 BNA_F
 ClientSampleId :
 PB87558BSD

Tot Ion	Ratio	Resp	Lower	Upper
216	100	96478		
214	78.0	64.2	96.2	
179	23.3	18.7	28.1	
108	20.6	16.8	25.2	

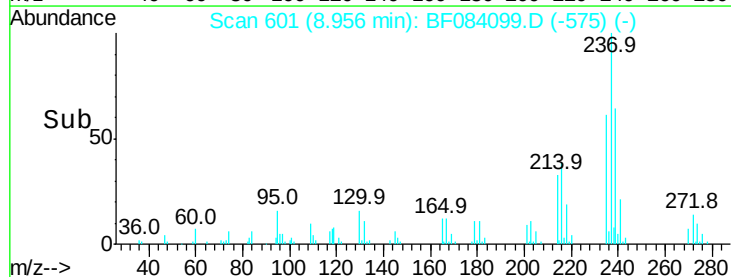
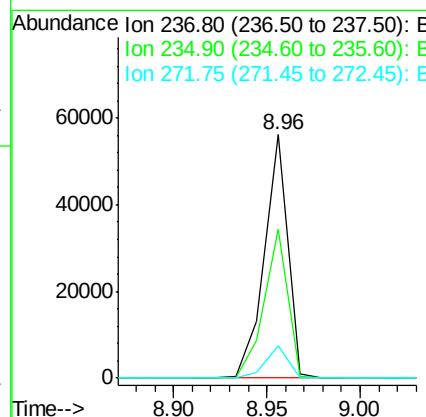
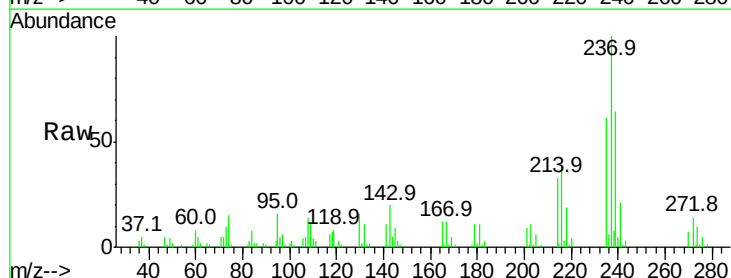
Manual Integrations
 APPROVED

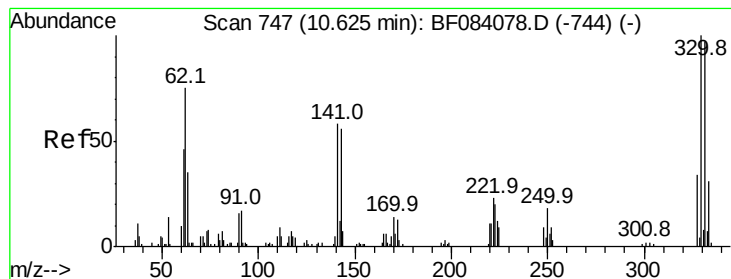
Sohil
 12/28/2015 1:10:08 PM



#40
 Hexachlorocyclopentadiene
 Concen: 61.62 ng
 RT: 8.96 min Scan# 601
 Delta R.T. -0.00 min
 Lab File: BF084099.D
 Acq: 25 Dec 2015 00:46

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	48525		
235	61.0	43.1	83.1	
272	13.5	0.0	35.1	





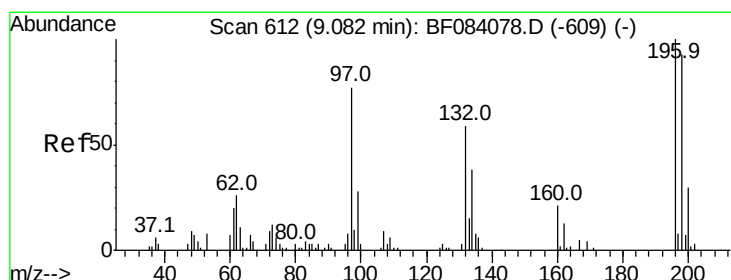
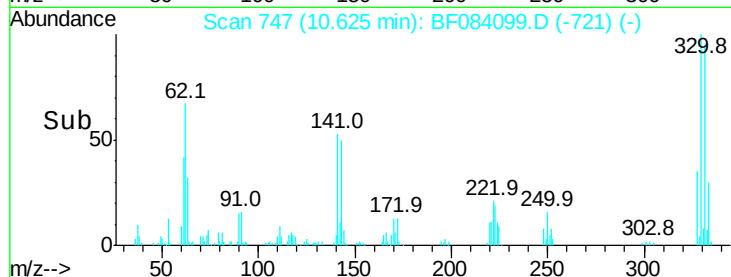
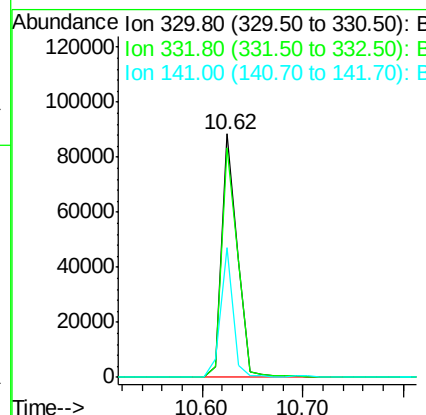
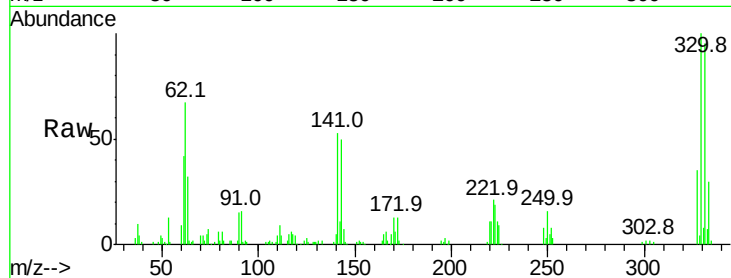
#41
 2,4,6-Tribromophenol
 Concen: 94.57 ng
 RT: 10.62 min Scan# 747
 Delta R.T. -0.00 min
 Lab File: BF084099.D
 Acq: 25 Dec 2015 00:46

Instrument :
 BNA_F
 ClientSampleId :
 PB87558BSD

Tot Ion	Ratio	Resp	Lower	Upper
330	100			
332	96.2	76.6	114.8	
141	42.6	27.8	41.6	

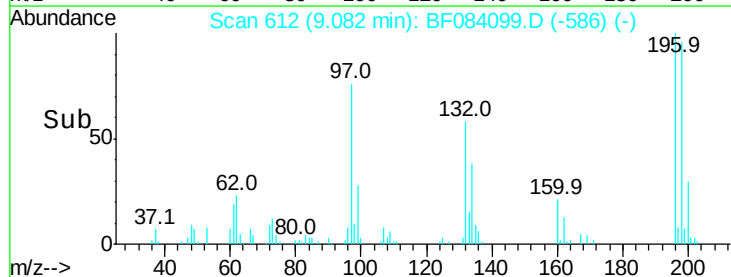
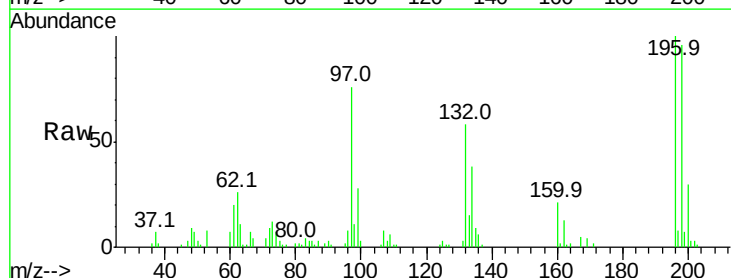
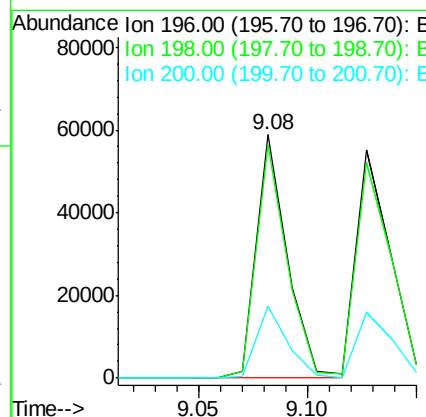
Manual Integrations
 APPROVED

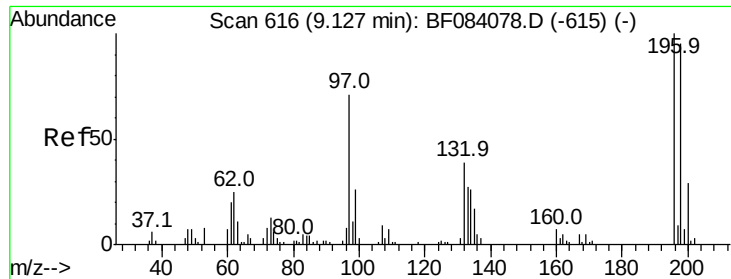
Sohil
 12/28/2015 1:10:08 PM



#42
 2,4,6-Trichlorophenol
 Concen: 29.74 ng
 RT: 9.08 min Scan# 612
 Delta R.T. -0.00 min
 Lab File: BF084099.D
 Acq: 25 Dec 2015 00:46

Tgt Ion	Ratio	Resp	Lower	Upper
196	100			
198	95.9	77.7	116.5	
200	29.8	24.6	37.0	





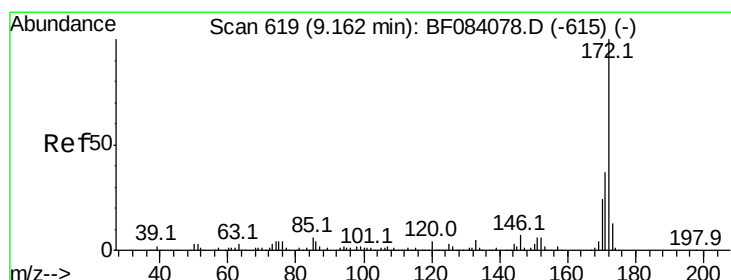
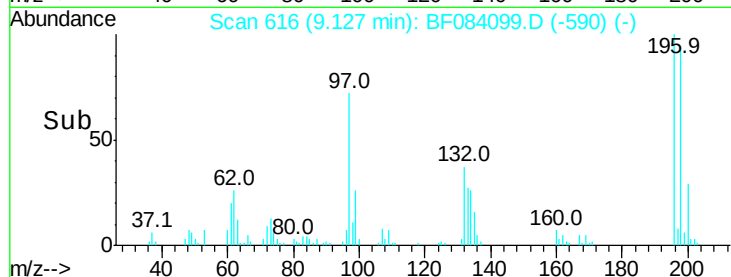
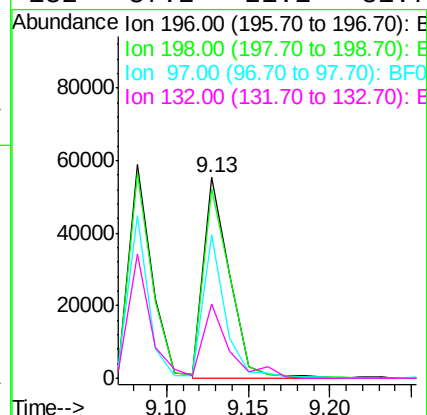
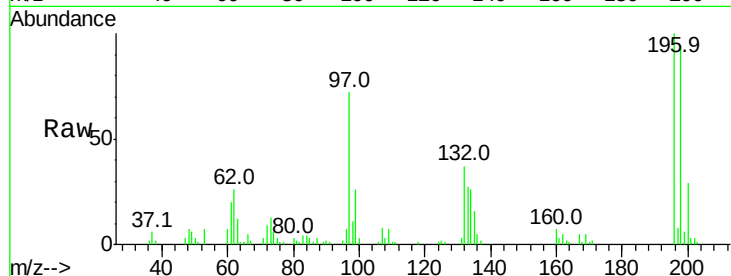
#43
 2,4,5-Trichlorophenol
 Concen: 31.56 ng
 RT: 9.13 min Scan# 616
 Delta R.T. -0.00 min
 Lab File: BF084099.D
 Acq: 25 Dec 2015 00:46

Instrument :
 BNA_F
 ClientSampleId :
 PB87558BSD

Tot Ion	Ratio	Lower	Upper
196	100		
198	94.4	79.0	118.6
97	71.7	33.0	49.6#
132	37.2	21.1	31.7#

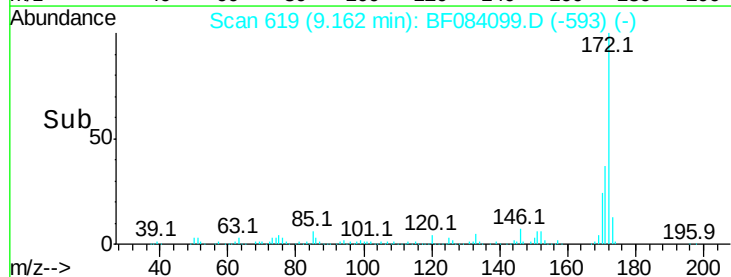
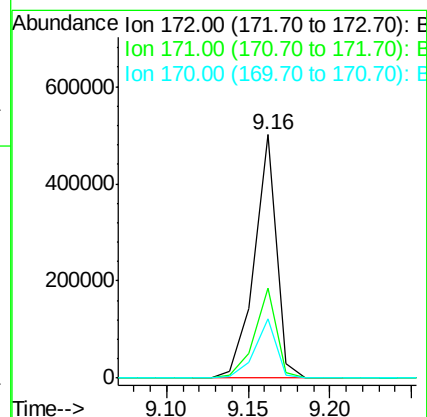
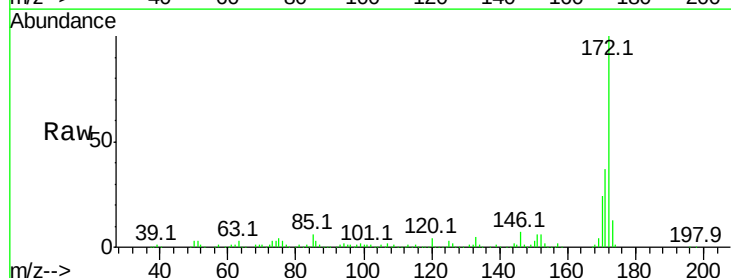
Manual Integrations
 APPROVED

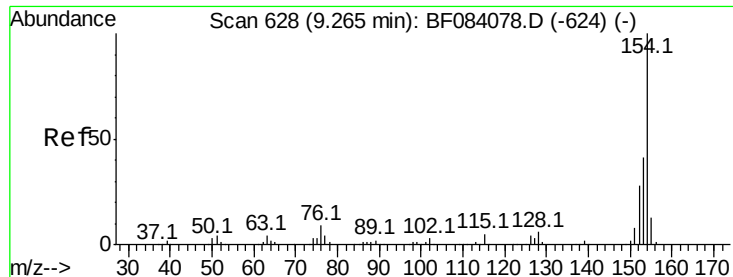
Sohil
 12/28/2015 1:10:08 PM



#44
 2-Fluorobiphenyl
 Concen: 67.83 ng
 RT: 9.16 min Scan# 619
 Delta R.T. -0.00 min
 Lab File: BF084099.D
 Acq: 25 Dec 2015 00:46

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.8	28.9	43.3
170	24.3	18.6	27.8





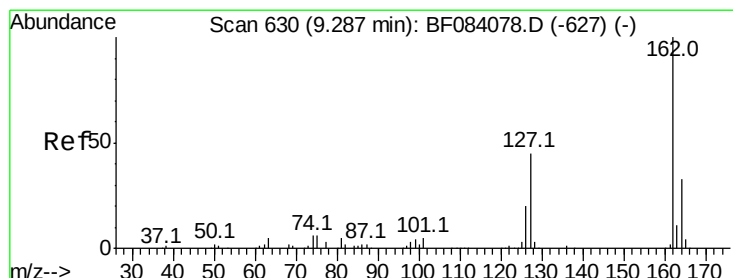
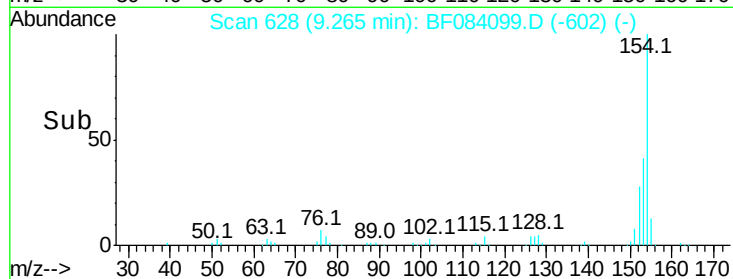
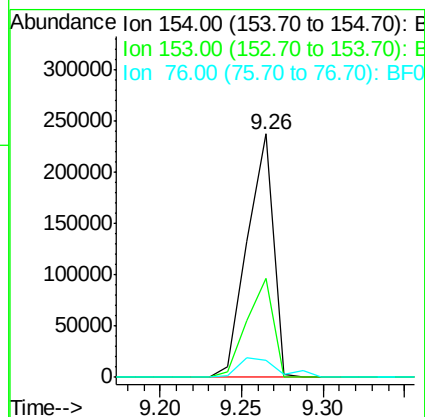
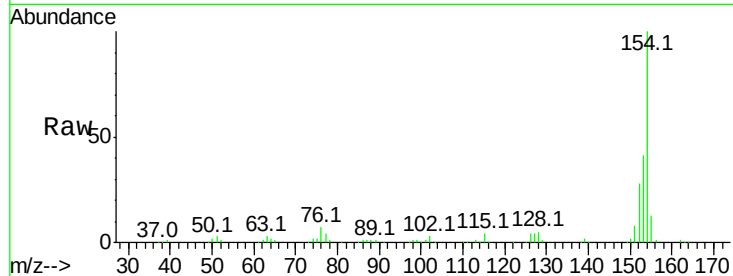
#45
1,1'-Biphenyl
Concen: 30.65 ng
RT: 9.26 min Scan# 628
Delta R.T. -0.00 min
Lab File: BF084099.D
Acq: 25 Dec 2015 00:46

Instrument :
BNA_F
ClientSampleId :
PB87558BSD

Tot Ion:	154	Resp:	263455
Ion Ratio	Lower	Upper	
154	100		
153	40.8	21.6	61.6
76	7.1	0.0	32.7

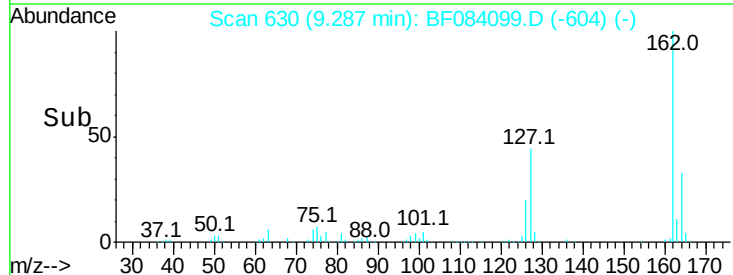
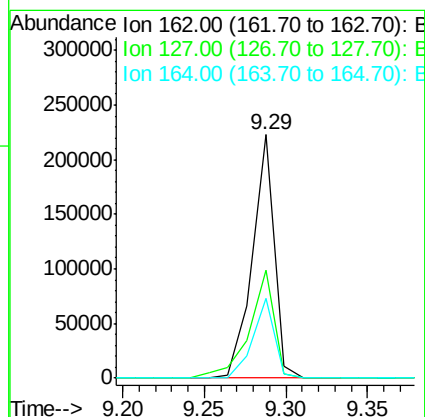
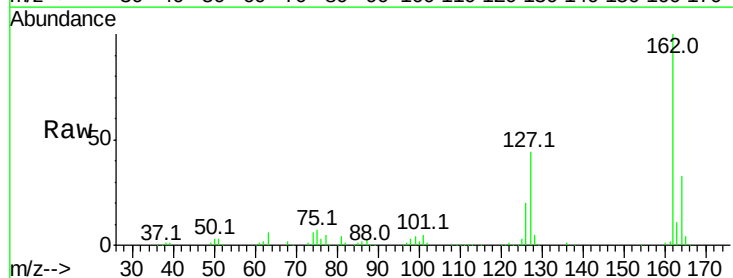
Manual Integrations
APPROVED

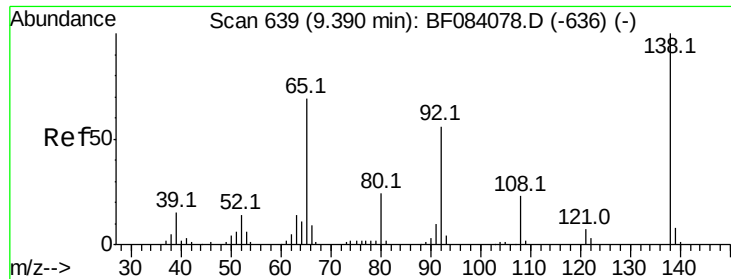
Sohil
12/28/2015 1:10:08 PM



#46
2-Chloronaphthalene
Concen: 31.84 ng
RT: 9.29 min Scan# 630
Delta R.T. -0.00 min
Lab File: BF084099.D
Acq: 25 Dec 2015 00:46

Tgt Ion:	162	Resp:	208061
Ion Ratio	Lower	Upper	
162	100		
127	44.3	40.2	60.4
164	32.8	25.7	38.5





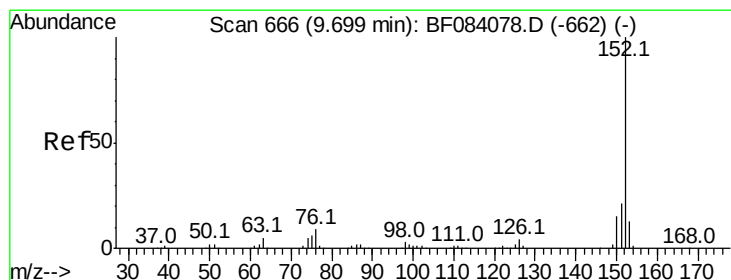
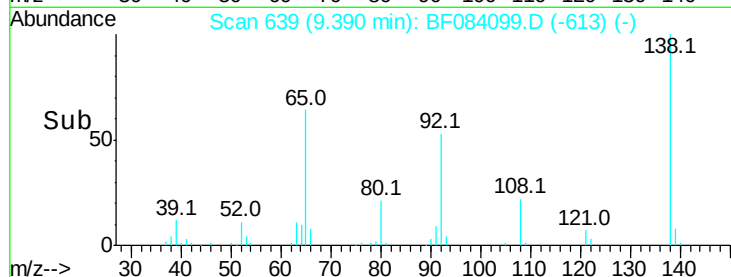
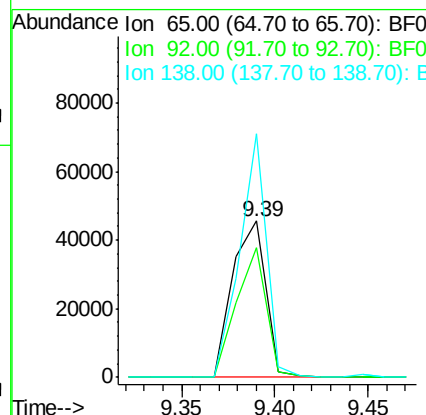
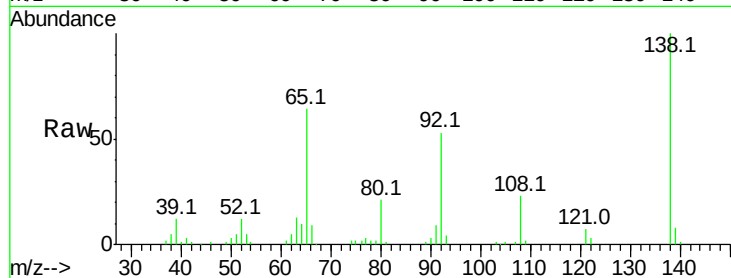
#47
2-Nitroaniline
Concen: 32.89 ng
RT: 9.39 min Scan# 639
Delta R.T. -0.00 min
Lab File: BF084099.D
Acq: 25 Dec 2015 00:46

Instrument :
BNA_F
ClientSampleId :
PB87558BSD

Tot Ion	Ratio	Lower	Upper
65	100		
92	82.9	53.4	80.2#
138	155.7	71.1	106.7#

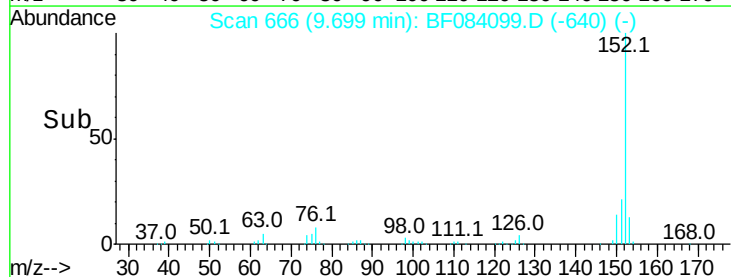
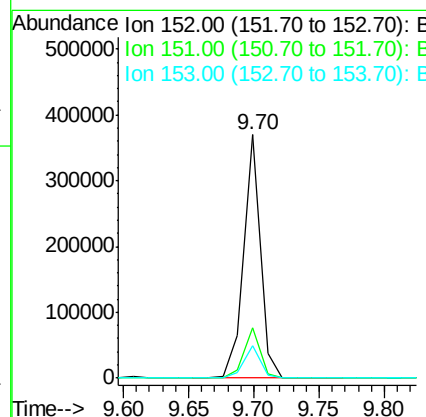
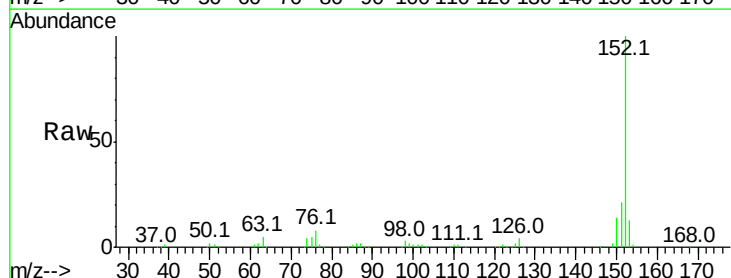
Manual Integrations
APPROVED

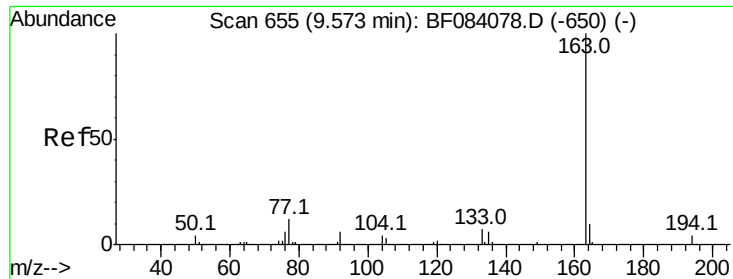
Sohil
12/28/2015 1:10:08 PM



#48
Acenaphthylene
Concen: 30.42 ng
RT: 9.70 min Scan# 666
Delta R.T. -0.00 min
Lab File: BF084099.D
Acq: 25 Dec 2015 00:46

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.8	16.3	24.5
153	13.2	10.4	15.6





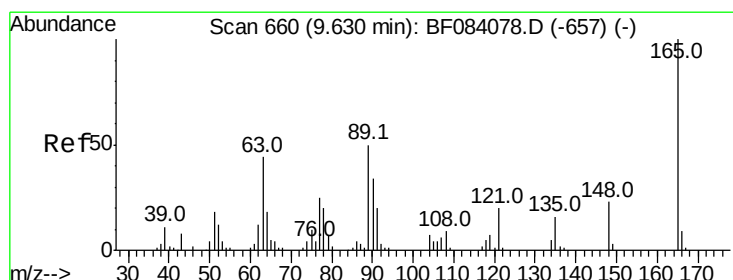
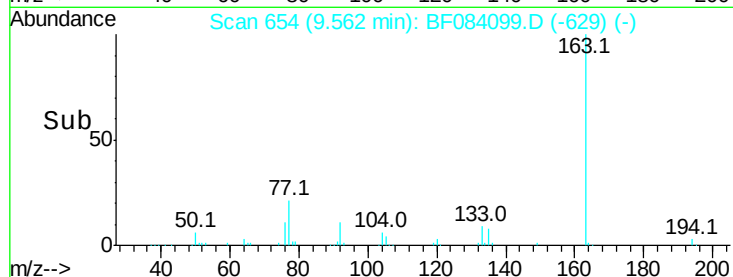
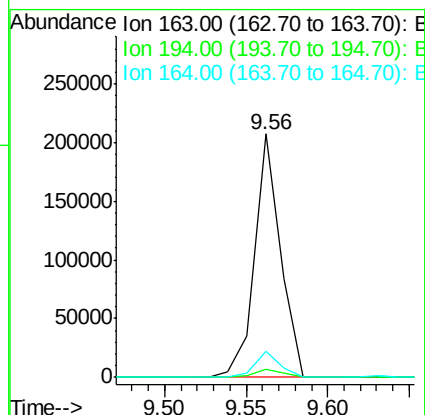
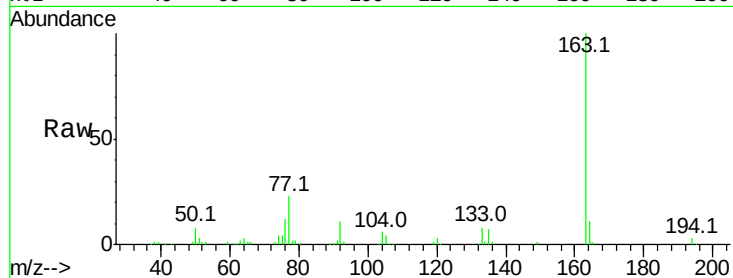
#49
Dimethylphthalate
Concen: 28.92 ng
RT: 9.56 min Scan# 654
Delta R.T. -0.01 min
Lab File: BF084099.D
Acq: 25 Dec 2015 00:46

Instrument :
BNA_F
ClientSampleId :
PB87558BSD

Tot Ion	Ratio	Resp Lower	Upper
163	100		
194	3.1	8.0	12.0#
164	10.5	8.0	12.0

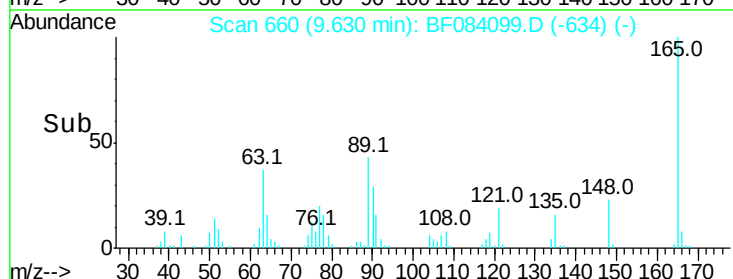
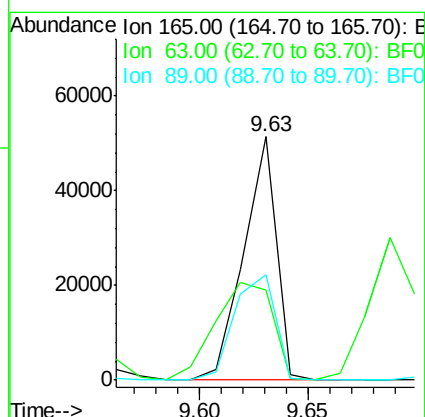
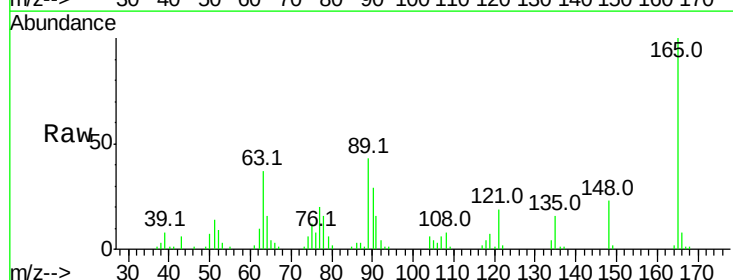
Manual Integrations
APPROVED

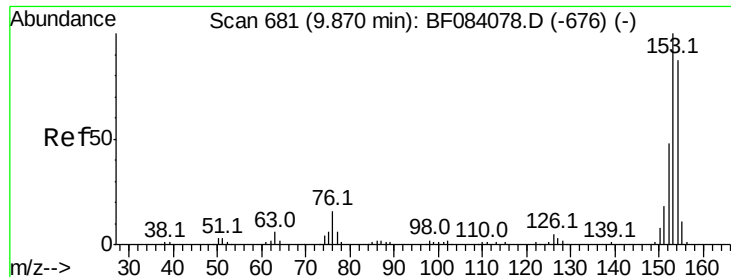
Sohil
12/28/2015 1:10:08 PM



#50
2,6-Dinitrotoluene
Concen: 32.02 ng
RT: 9.63 min Scan# 660
Delta R.T. -0.00 min
Lab File: BF084099.D
Acq: 25 Dec 2015 00:46

Tgt Ion	Ratio	Resp Lower	Upper
165	100		
63	36.8	28.8	43.2
89	43.0	35.1	52.7





#51

Acenaphthene

Concen: 31.79 ng

RT: 9.87 min Scan# 681

Delta R.T. -0.00 min

Lab File: BF084099.D

Acq: 25 Dec 2015 00:46

Instrument :

BNA_F

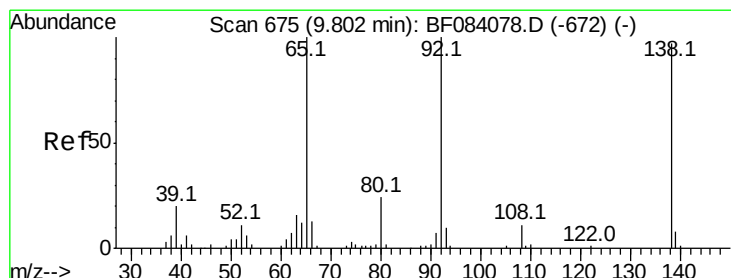
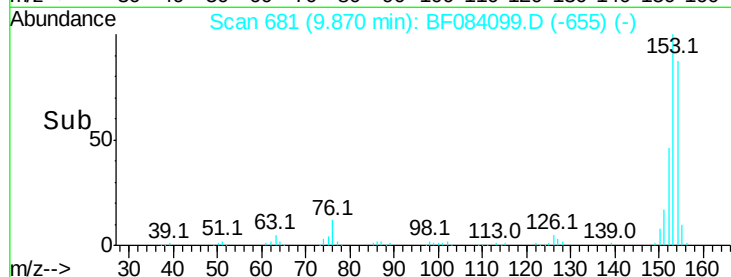
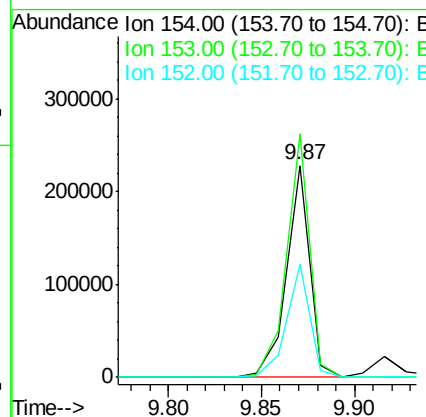
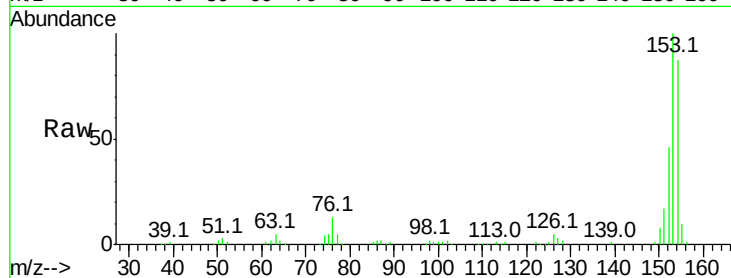
ClientSampleId :

PB87558BSD

Tot Ion:	154	Resp:	198378
Ion Ratio	Lower	Upper	
154	100		
153	114.9	91.5	137.3
152	53.4	43.0	64.6

Manual Integrations
APPROVED

Sohil
12/28/2015 1:10:08 PM



#52

3-Nitroaniline

Concen: 14.21 ng

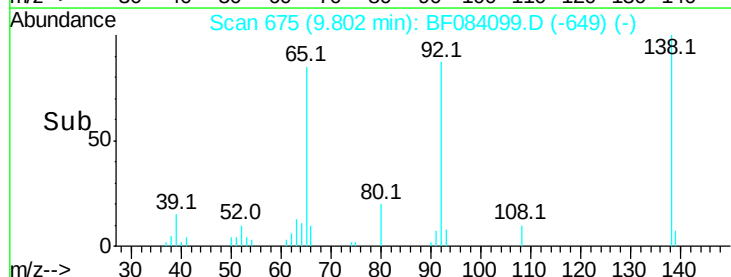
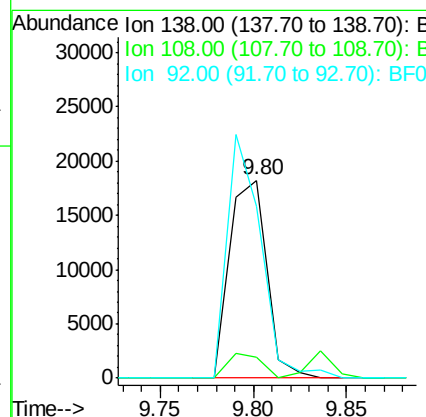
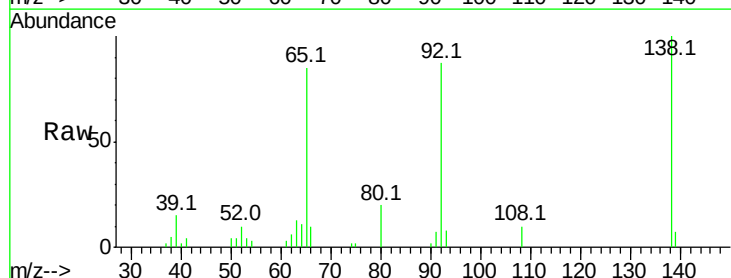
RT: 9.80 min Scan# 675

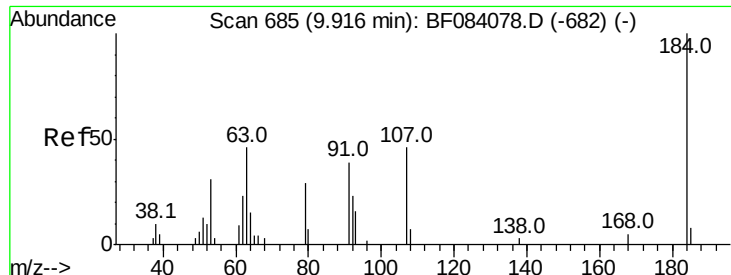
Delta R.T. -0.00 min

Lab File: BF084099.D

Acq: 25 Dec 2015 00:46

Tgt Ion:	138	Resp:	25503
Ion Ratio	Lower	Upper	
138	100		
108	10.4	10.5	15.7#
92	87.2	103.9	155.9#





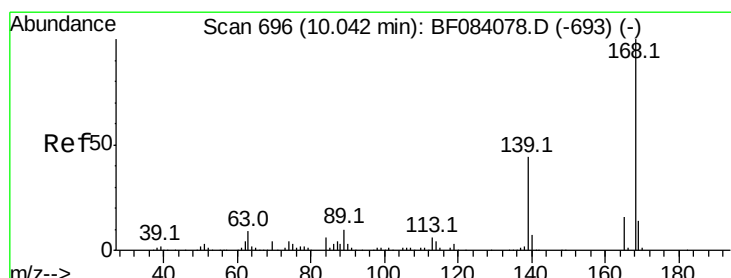
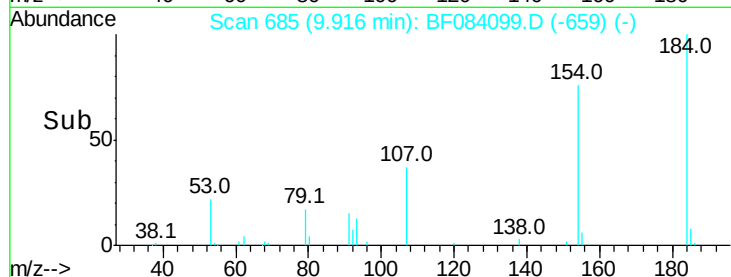
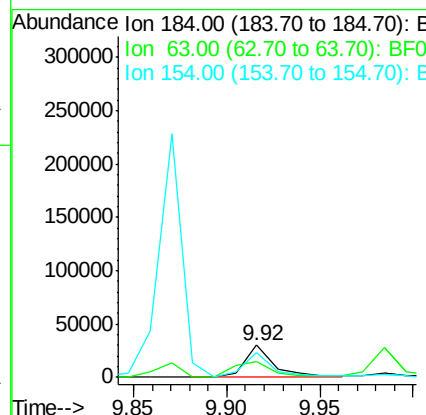
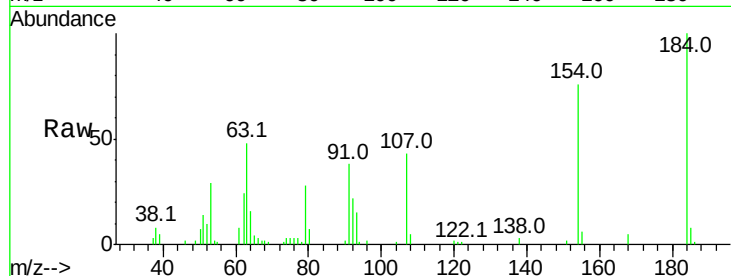
#53
 2,4-Dinitrophenol
 Concen: 58.30 ng
 RT: 9.92 min Scan# 685
 Delta R.T. 0.00 min
 Lab File: BF084099.D
 Acq: 25 Dec 2015 00:46

Instrument :
 BNA_F
 ClientSampleId :
 PB87558BSD

Tot Ion	Ratio	Lower	Upper
184	100		
63	48.2	43.1	64.7
154	76.3	60.5	90.7

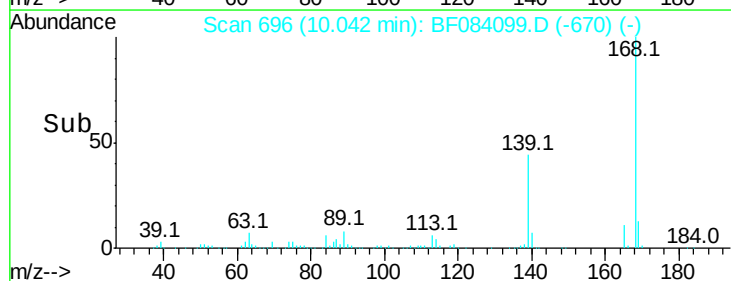
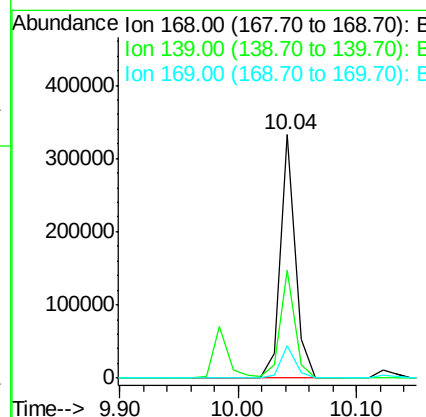
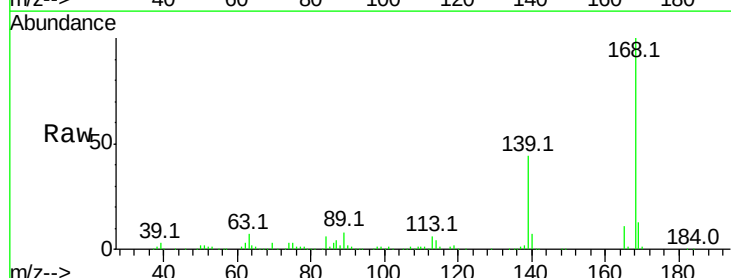
Manual Integrations
 APPROVED

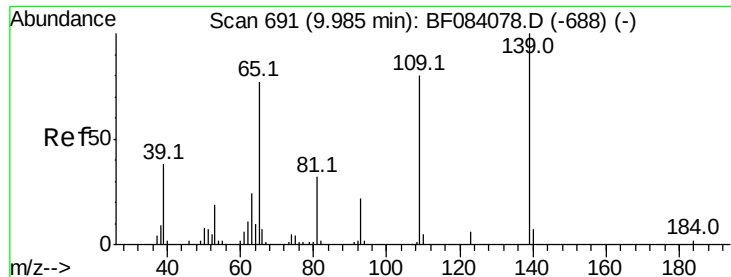
Sohil
 12/28/2015 1:10:08 PM



#54
 Dibenzofuran
 Concen: 33.57 ng
 RT: 10.04 min Scan# 696
 Delta R.T. -0.00 min
 Lab File: BF084099.D
 Acq: 25 Dec 2015 00:46

Tgt Ion	Ratio	Lower	Upper
168	100		
139	44.3	30.5	45.7
169	13.5	10.4	15.6





#55

4-Nitrophenol

Concen: 68.77 ng

RT: 9.98 min Scan# 691

Delta R.T. 0.00 min

Lab File: BF084099.D

Acq: 25 Dec 2015 00:46

Instrument :

BNA_F

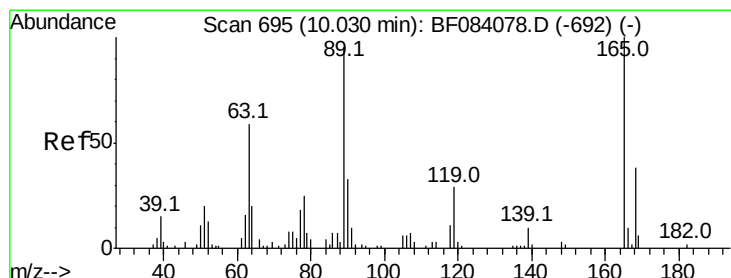
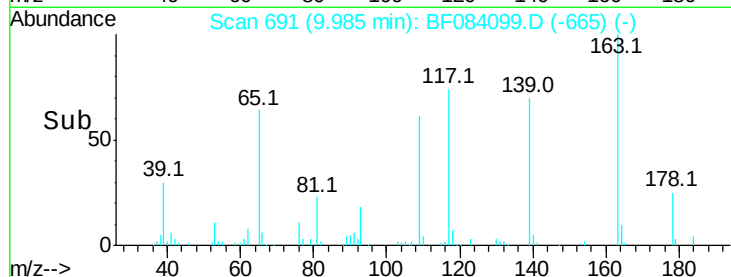
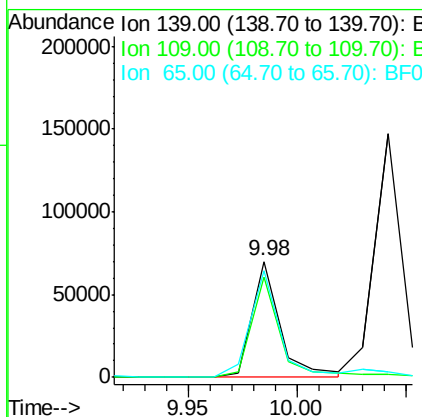
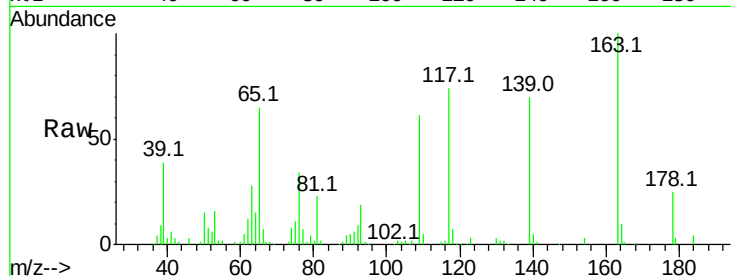
ClientSampleId :

PB87558BSD

Tot Ion:	139	Resp:	62998
Ion Ratio	Lower	Upper	
139	100		
109	86.3	58.5	98.5
65	92.2	57.6	97.6

Manual Integrations
APPROVED

Sohil
12/28/2015 1:10:08 PM



#56

2,4-Dinitrotoluene

Concen: 30.83 ng

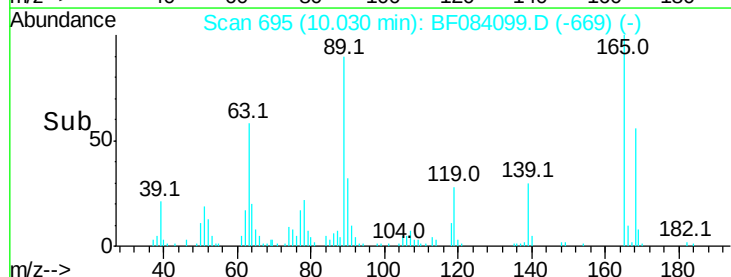
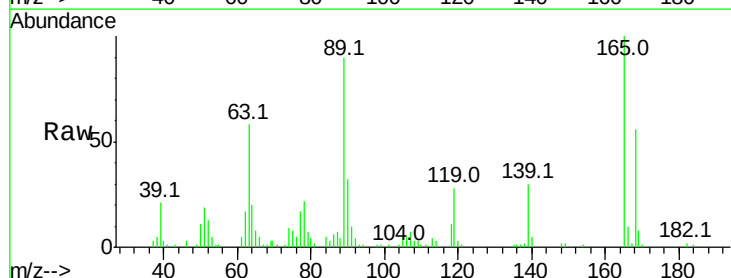
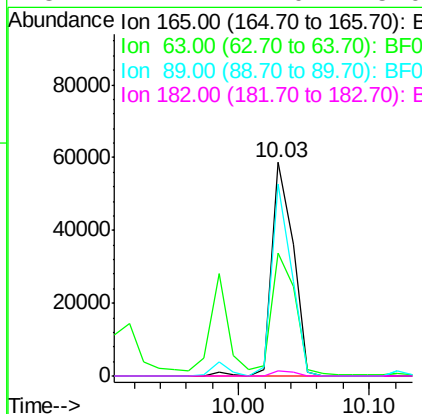
RT: 10.03 min Scan# 695

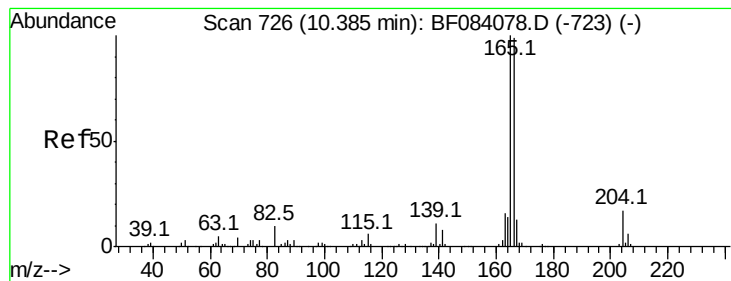
Delta R.T. -0.00 min

Lab File: BF084099.D

Acq: 25 Dec 2015 00:46

Tgt Ion:	165	Resp:	68072
Ion Ratio	Lower	Upper	
165	100		
63	57.7	36.7	55.1#
89	90.0	61.9	92.9
182	2.4	2.0	3.0





#57

Fluorene

Concen: 32.19 ng

RT: 10.38 min Scan# 726

Delta R.T. -0.00 min

Lab File: BF084099.D

Acq: 25 Dec 2015 00:46

Instrument :

BNA_F

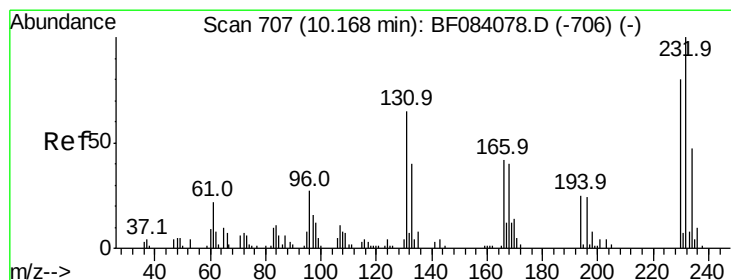
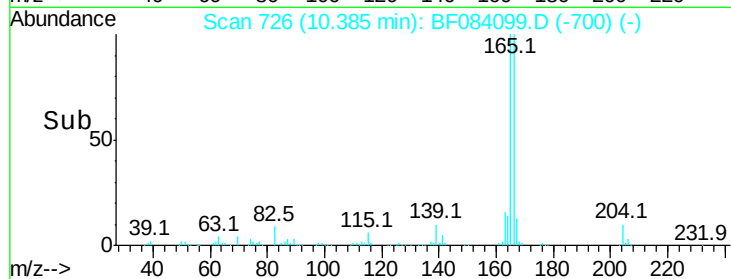
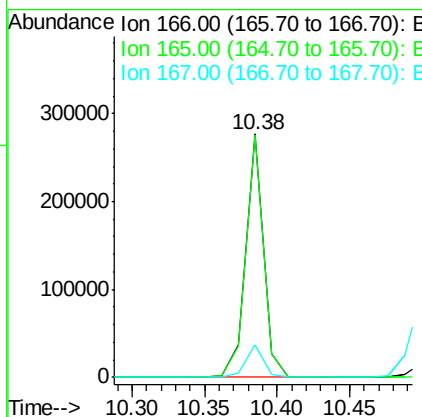
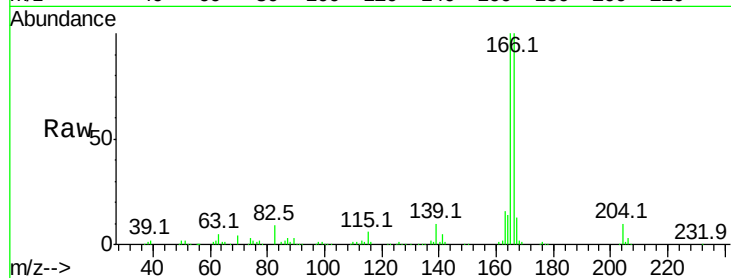
ClientSampleId :

PB87558BSD

Tot Ion:	166	Resp:	234803
Ion Ratio	Lower	Upper	
166	100		
165	99.6	79.1	118.7
167	13.3	10.4	15.6

Manual Integrations
APPROVED

Sohil
12/28/2015 1:10:08 PM



#58

2,3,4,6-Tetrachlorophenol

Concen: 36.45 ng

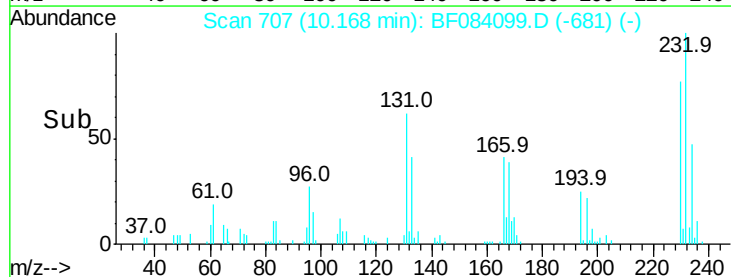
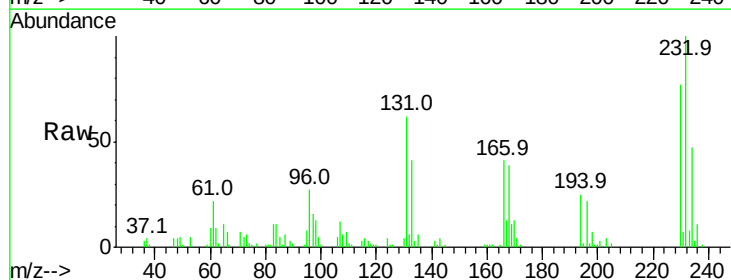
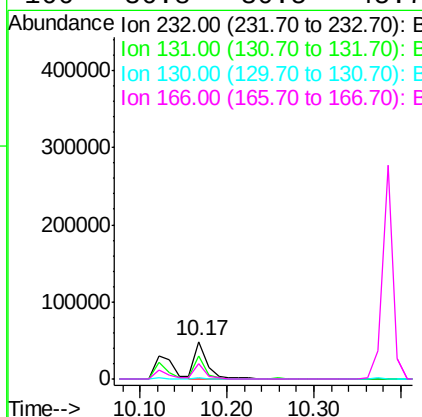
RT: 10.17 min Scan# 707

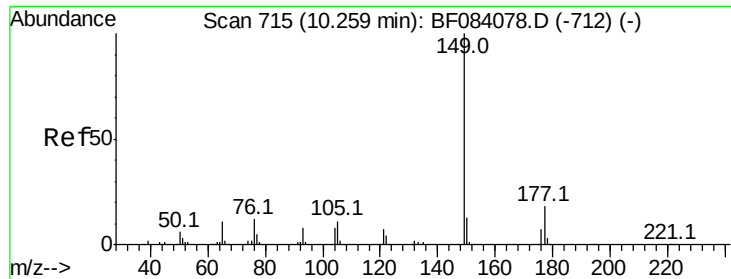
Delta R.T. -0.00 min

Lab File: BF084099.D

Acq: 25 Dec 2015 00:46

Tgt Ion:	232	Resp:	50851
Ion Ratio	Lower	Upper	
232	100		
131	55.5	47.0	70.6
130	2.9	2.0	3.0
166	36.8	30.5	45.7





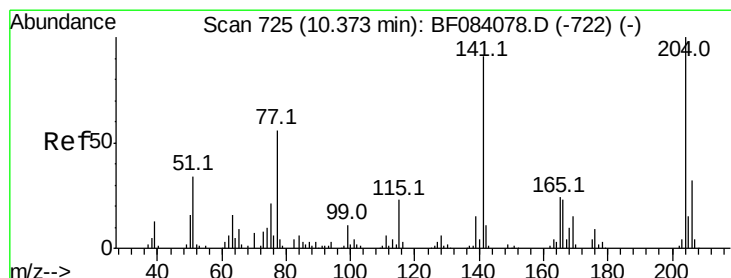
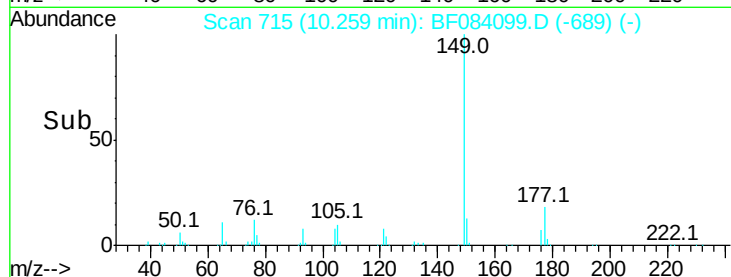
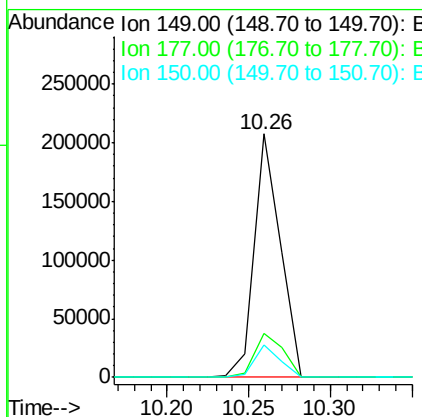
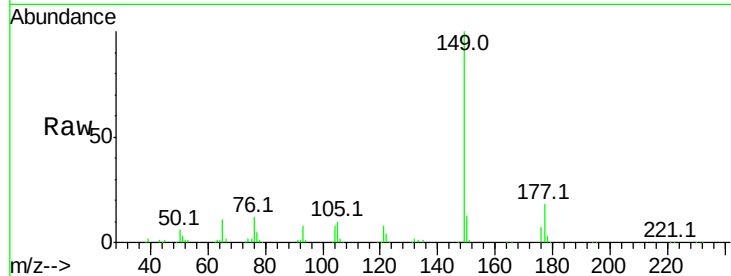
#59
Diethylphthalate
Concen: 28.80 ng
RT: 10.26 min Scan# 715
Delta R.T. -0.00 min
Lab File: BF084099.D
Acq: 25 Dec 2015 00:46

Instrument :
BNA_F
ClientSampleId :
PB87558BSD

Tot Ion	Ratio	Resp	Lower	Upper
149	100	230488		
177	18.3		17.3	25.9
150	13.1		9.8	14.8

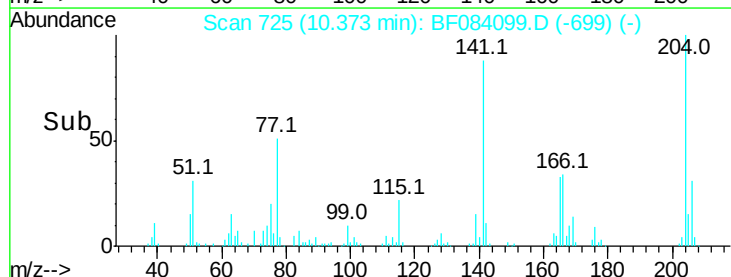
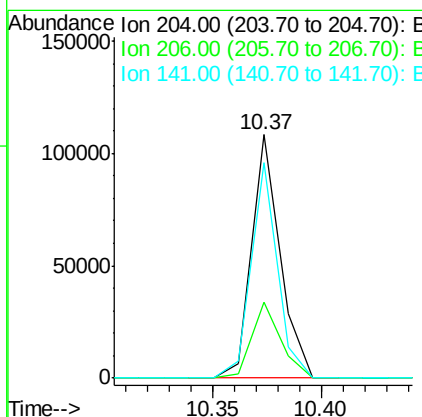
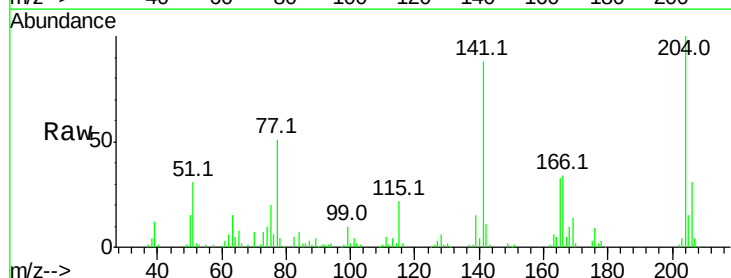
Manual Integrations
APPROVED

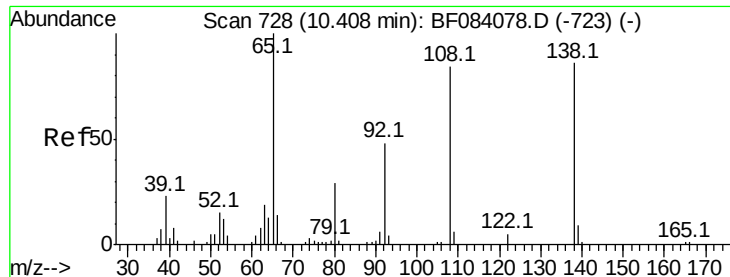
Sohil
12/28/2015 1:10:08 PM



#60
4-Chlorophenyl-phenylether
Concen: 29.24 ng
RT: 10.37 min Scan# 725
Delta R.T. -0.00 min
Lab File: BF084099.D
Acq: 25 Dec 2015 00:46

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	98384		
206	31.0		25.7	38.5
141	88.4		55.1	82.7#





#61

4-Nitroaniline

Concen: 31.98 ng

RT: 10.41 min Scan# 728

Delta R.T. -0.00 min

Lab File: BF084099.D

Acq: 25 Dec 2015 00:46

Instrument :

BNA_F

ClientSampleId :

PB87558BSD

Tot Ion:138 Resp: 53045

Ion Ratio Lower Upper

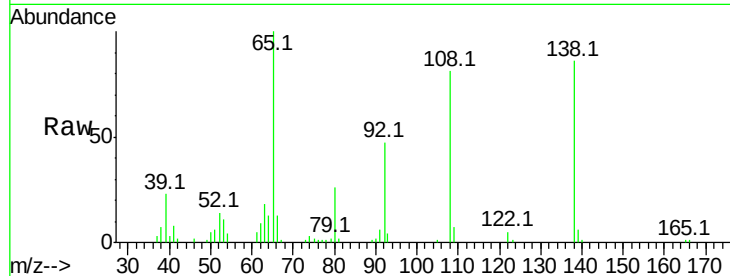
138 100

92 54.5 32.6 72.6

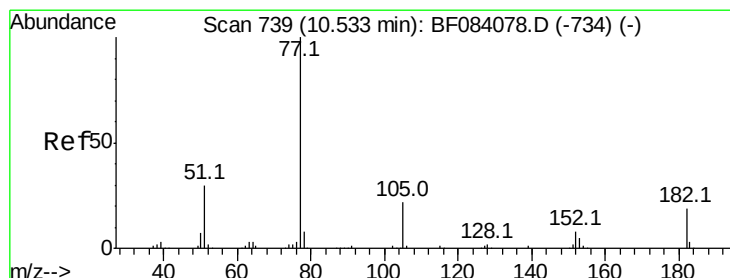
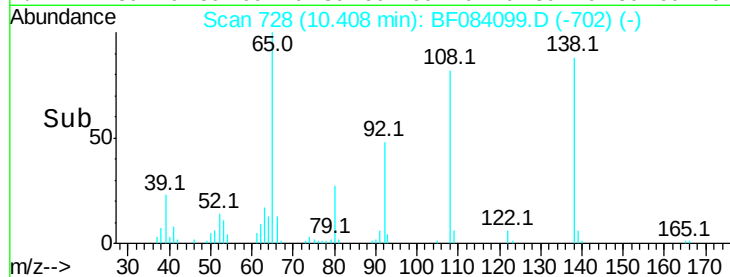
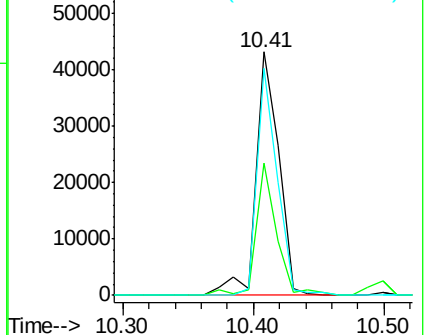
108 93.4 68.6 108.6

Manual Integrations
APPROVED

Sohil
12/28/2015 1:10:08 PM



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



#62

Azobenzene

Concen: 33.99 ng

RT: 10.53 min Scan# 739

Delta R.T. -0.00 min

Lab File: BF084099.D

Acq: 25 Dec 2015 00:46

Tgt Ion: 77 Resp: 224138

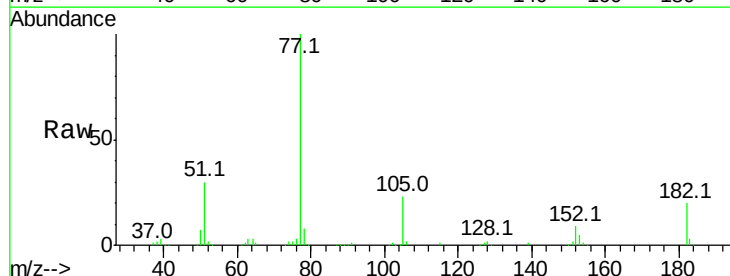
Ion Ratio Lower Upper

77 100

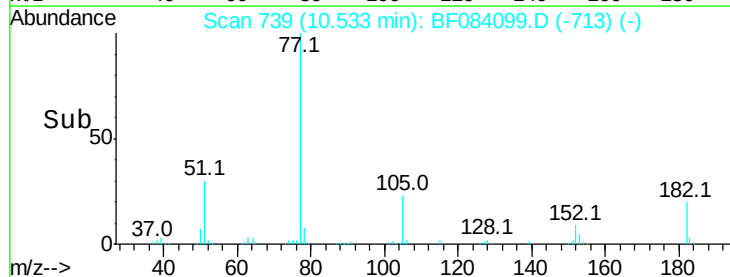
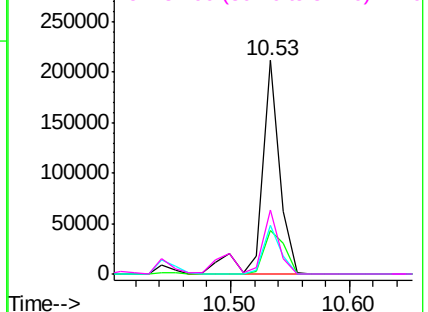
182 20.2 8.3 48.3

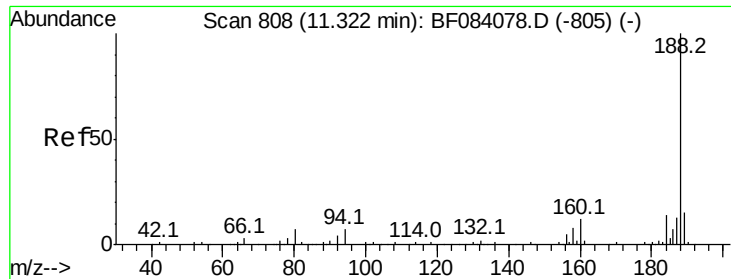
105 22.8 4.6 44.6

51 29.9 6.2 46.2



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





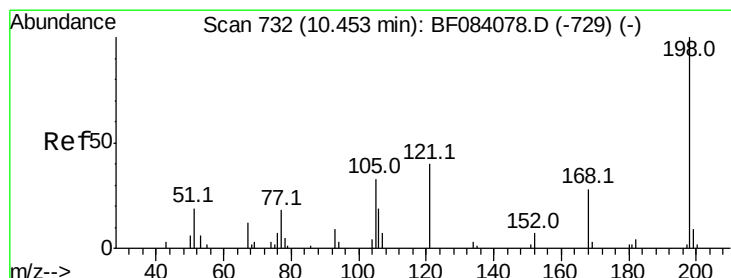
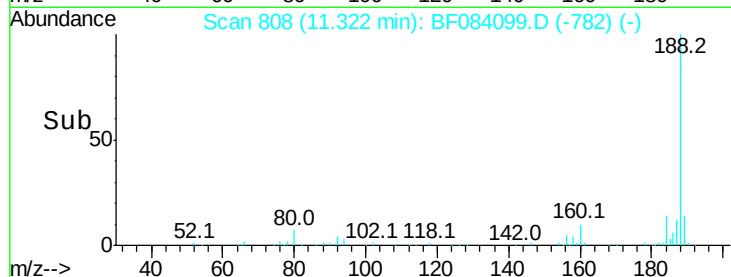
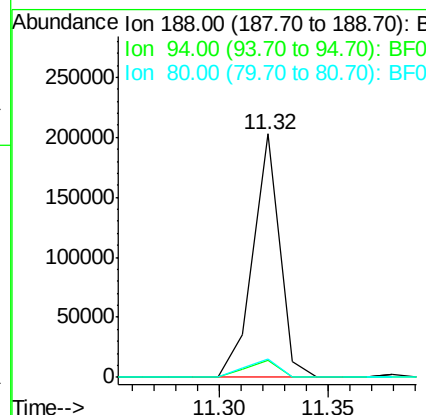
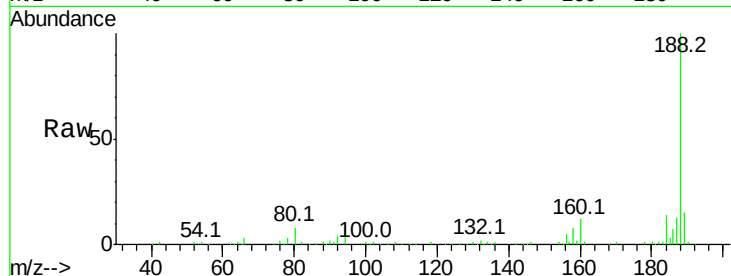
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.32 min Scan# 808
 Delta R.T. -0.00 min
 Lab File: BF084099.D
 Acq: 25 Dec 2015 00:46

Instrument :
 BNA_F
 ClientSampleID :
 PB87558BSD

Tot Ion	Ratio	Resp Lower	Upper
188	100		
94	6.9	9.0	13.4#
80	7.6	9.6	14.4#

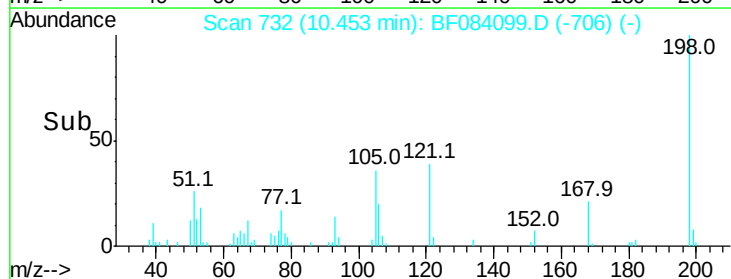
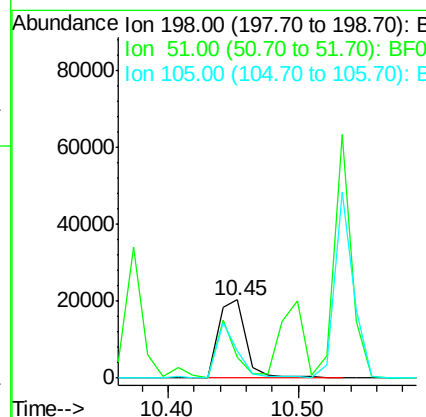
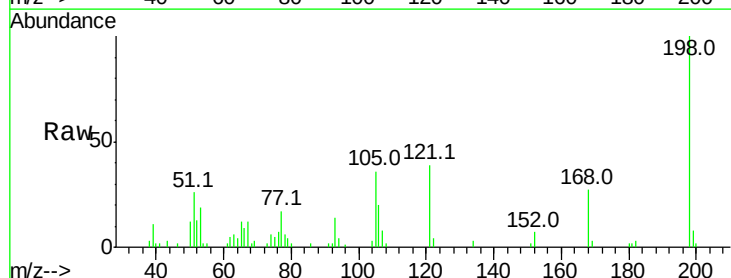
Manual Integrations
 APPROVED

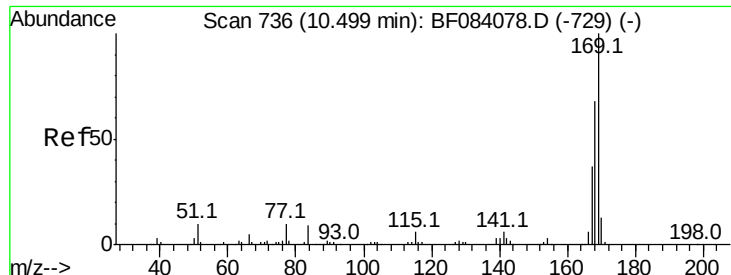
Sohil
 12/28/2015 1:10:08 PM



#64
 4,6-Dinitro-2-methylphenol
 Concen: 31.39 ng
 RT: 10.45 min Scan# 732
 Delta R.T. 0.00 min
 Lab File: BF084099.D
 Acq: 25 Dec 2015 00:46

Tgt Ion	Ratio	Resp Lower	Upper
198	100		
51	26.1	18.9	58.9
105	35.6	26.4	66.4





#65

n-Nitrosodiphenylamine

Concen: 35.38 ng

RT: 10.50 min Scan# 736

Delta R.T. -0.00 min

Lab File: BF084099.D

Acq: 25 Dec 2015 00:46

Instrument :

BNA_F

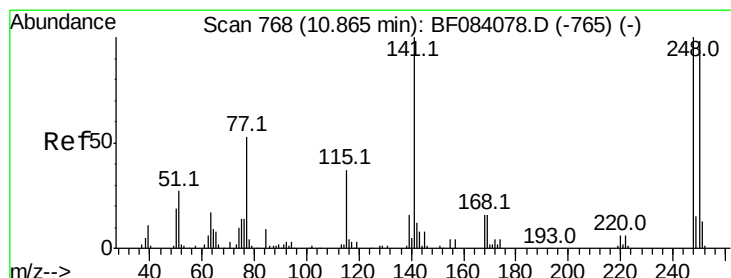
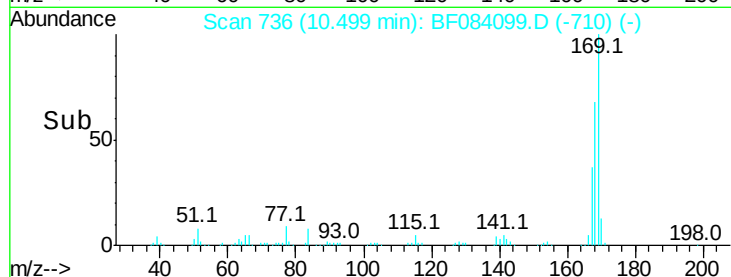
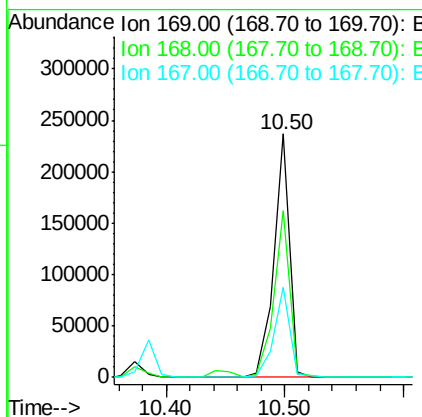
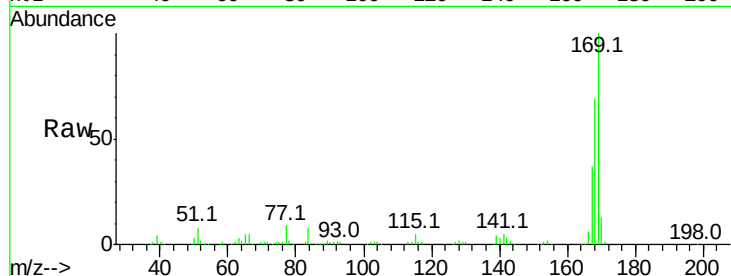
ClientSampleId :

PB87558BSD

Tot Ion:	169	Resp:	216961
Ion Ratio	Lower	Upper	
169	100		
168	68.6	55.1	82.7
167	37.0	30.0	45.0

Manual Integrations
APPROVED

Sohil
12/28/2015 1:10:08 PM



#66

4-Bromophenyl-phenylether

Concen: 32.28 ng

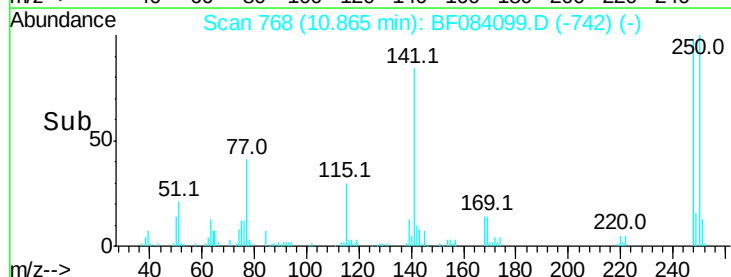
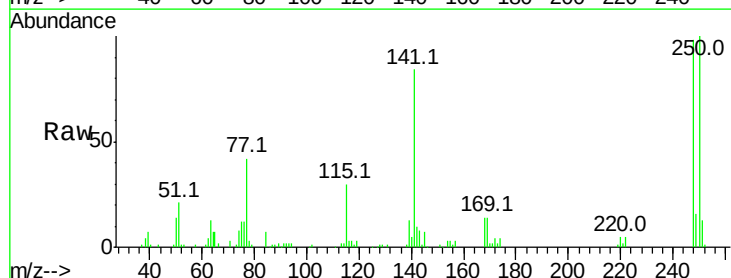
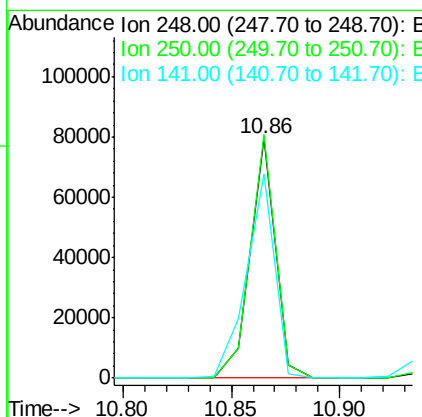
RT: 10.86 min Scan# 768

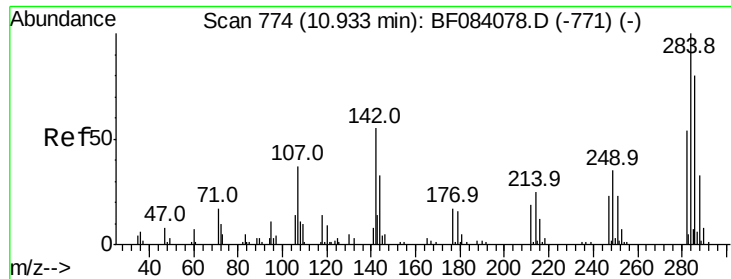
Delta R.T. -0.00 min

Lab File: BF084099.D

Acq: 25 Dec 2015 00:46

Tgt Ion:	248	Resp:	64323
Ion Ratio	Lower	Upper	
248	100		
250	101.7	78.4	117.6
141	85.1	44.0	66.0#





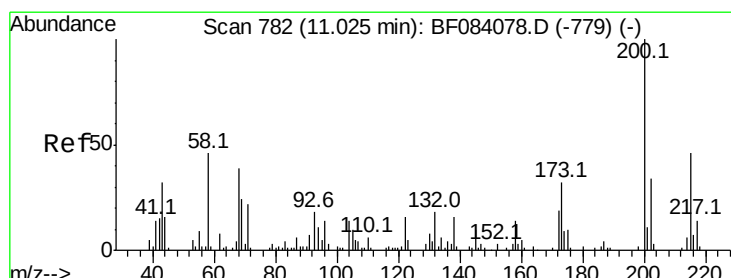
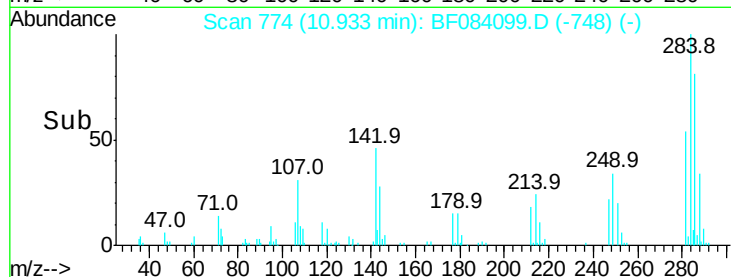
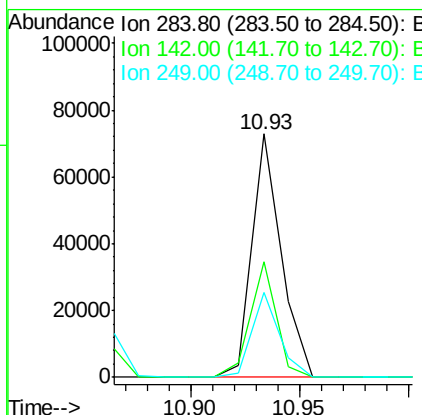
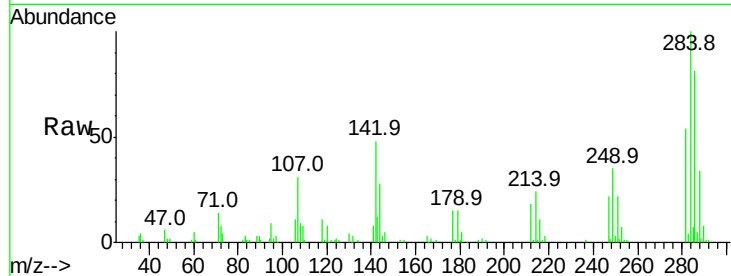
#67
Hexachlorobenzene
Concen: 31.13 ng
RT: 10.93 min Scan# 774
Delta R.T. -0.00 min
Lab File: BF084099.D
Acq: 25 Dec 2015 00:46

Instrument :
BNA_F
ClientSampleID :
PB87558BSD

Tot Ion	Ratio	Resp	Lower	Upper
284	100	67915		
142	47.6	22.2	33.4#	
249	35.0	24.6	37.0	

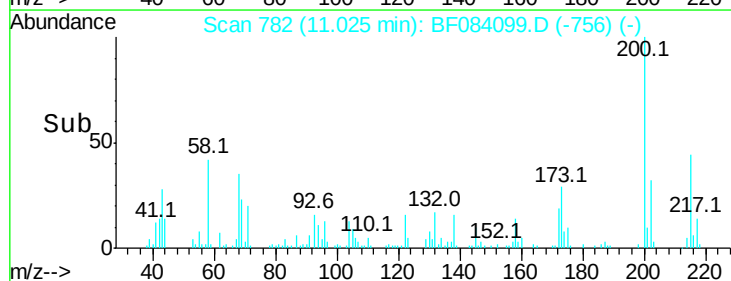
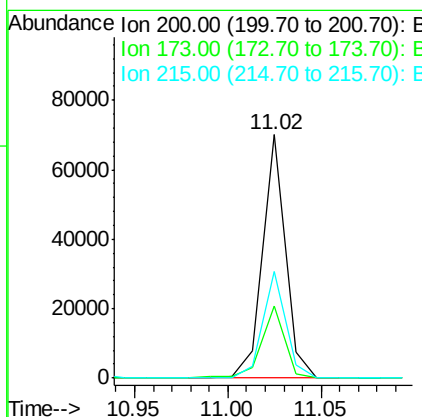
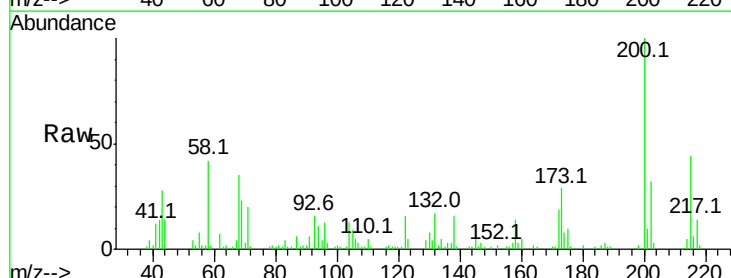
Manual Integrations
APPROVED

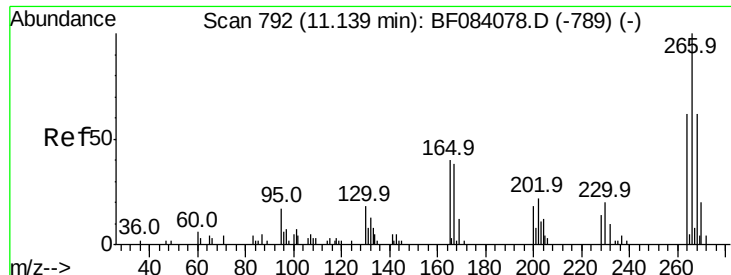
Sohil
12/28/2015 1:10:08 PM



#68
Atrazine
Concen: 31.96 ng
RT: 11.02 min Scan# 782
Delta R.T. -0.00 min
Lab File: BF084099.D
Acq: 25 Dec 2015 00:46

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	59021		
173	29.4	9.5	49.5	
215	43.7	23.8	63.8	





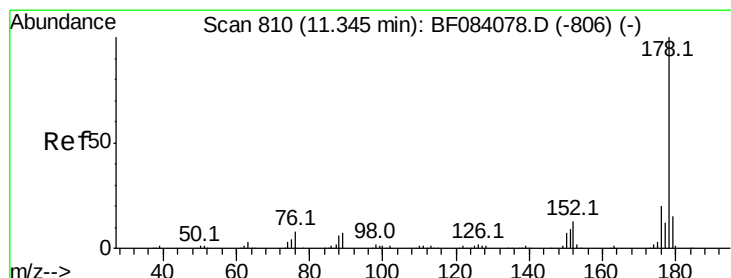
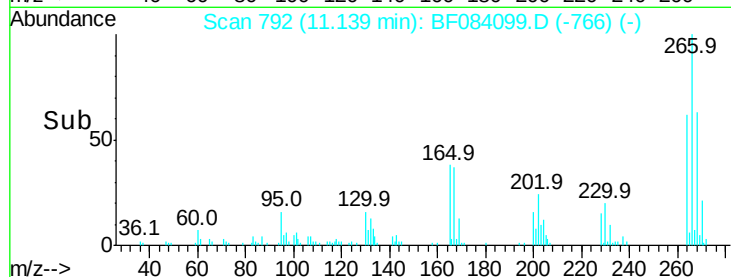
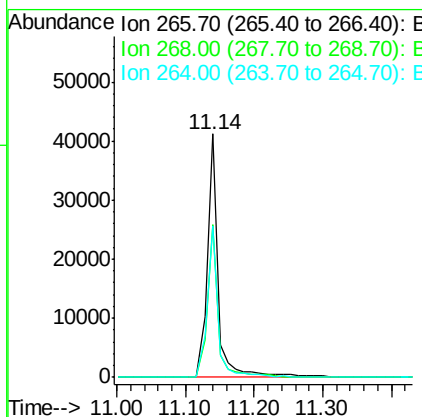
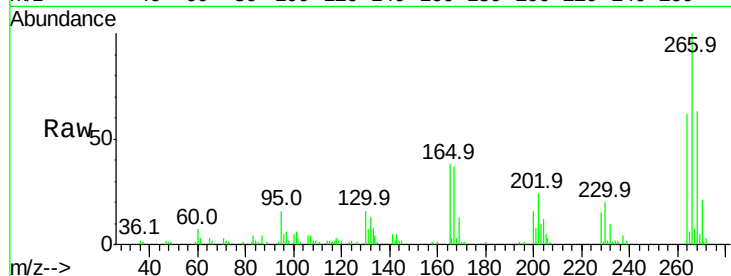
#69
 Pentachlorophenol
 Concen: 65.41 ng
 RT: 11.14 min Scan# 792
 Delta R.T. 0.00 min
 Lab File: BF084099.D
 Acq: 25 Dec 2015 00:46

Instrument :
 BNA_F
 ClientSampleId :
 PB87558BSD

Tot Ion	Ratio	Resp	Lower	Upper
266	100	45816		
268	62.8		52.4	78.6
264	62.0		50.2	75.2

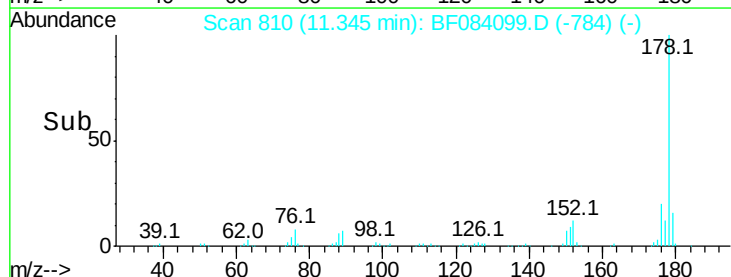
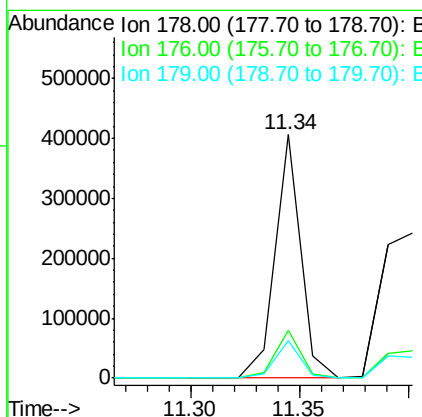
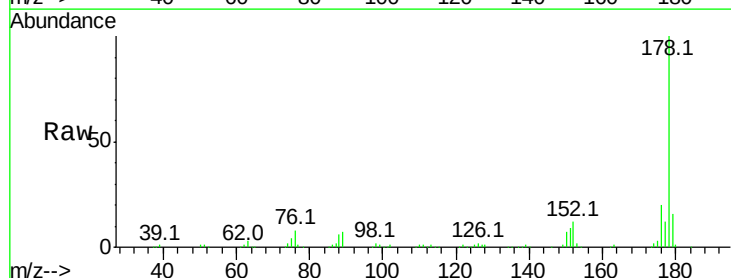
Manual Integrations
 APPROVED

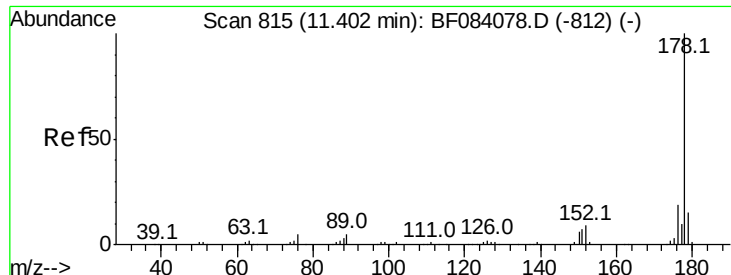
Sohil
 12/28/2015 1:10:08 PM



#70
 Phenanthrene
 Concen: 33.18 ng
 RT: 11.34 min Scan# 810
 Delta R.T. 0.00 min
 Lab File: BF084099.D
 Acq: 25 Dec 2015 00:46

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	338383		
176	19.7		15.3	22.9
179	15.7		12.0	18.0





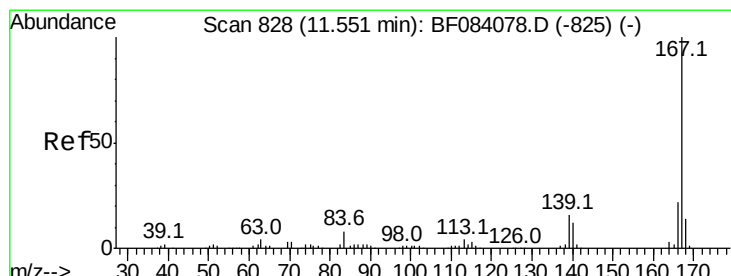
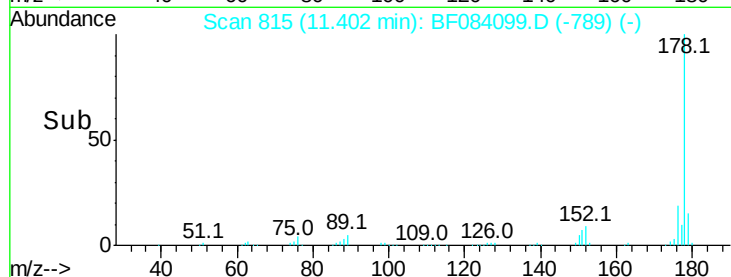
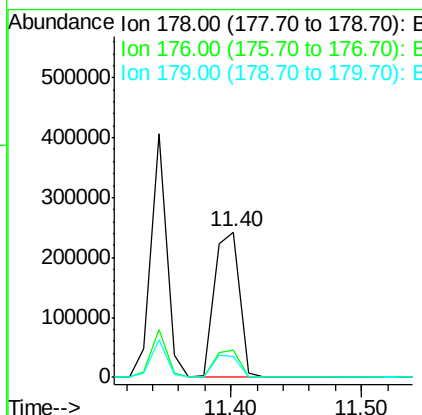
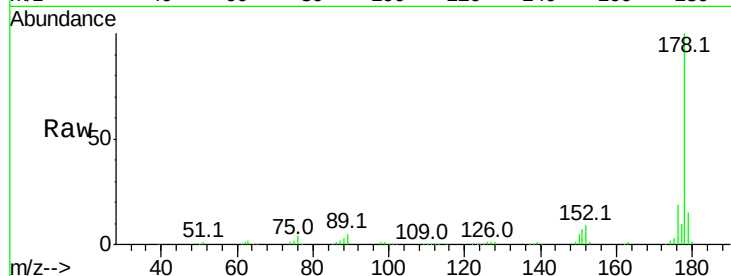
#71
 Anthracene
 Concen: 30.81 ng
 RT: 11.40 min Scan# 815
 Delta R.T. -0.00 min
 Lab File: BF084099.D
 Acq: 25 Dec 2015 00:46

Instrument :
 BNA_F
 ClientSampleId :
 PB87558BSD

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.6	15.4	23.0
179	14.7	12.5	18.7

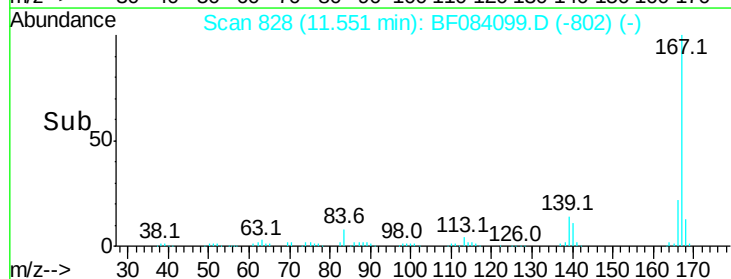
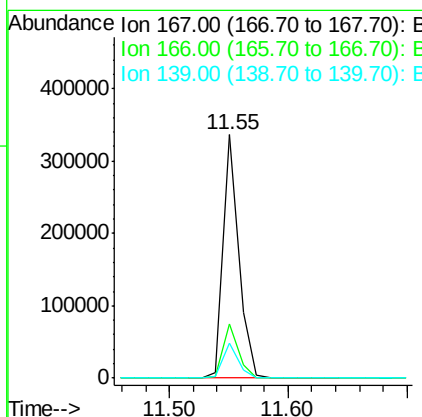
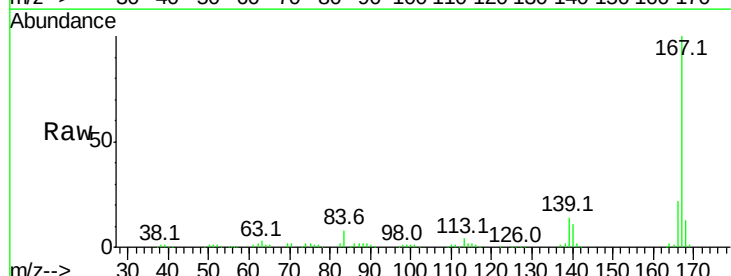
Manual Integrations
 APPROVED

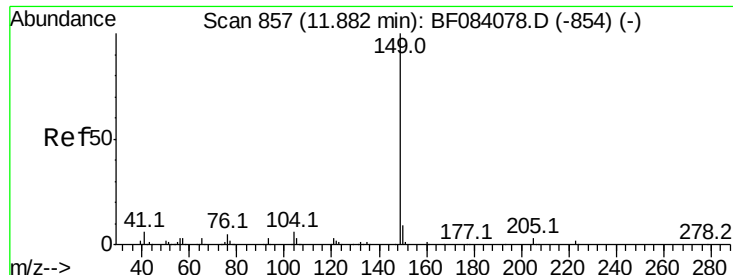
Sohil
 12/28/2015 1:10:08 PM



#72
 Carbazole
 Concen: 33.44 ng
 RT: 11.55 min Scan# 828
 Delta R.T. 0.00 min
 Lab File: BF084099.D
 Acq: 25 Dec 2015 00:46

Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.1	17.6	26.4
139	14.4	11.8	17.8





#73

Di-n-butylphthalate

Concen: 32.73 ng

RT: 11.88 min Scan# 857

Delta R.T. -0.00 min

Lab File: BF084099.D

Acq: 25 Dec 2015 00:46

Instrument :

BNA_F

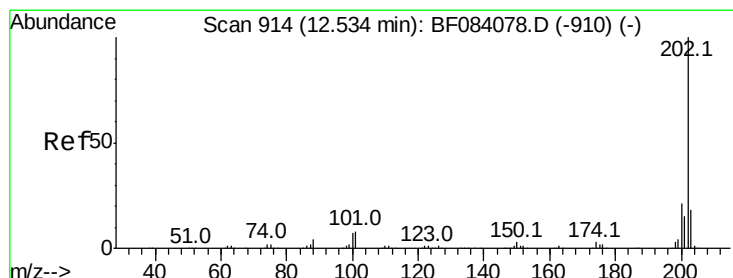
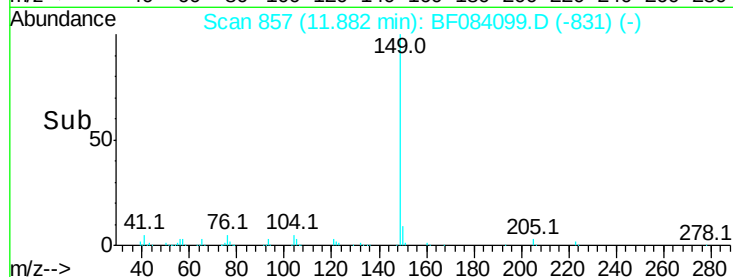
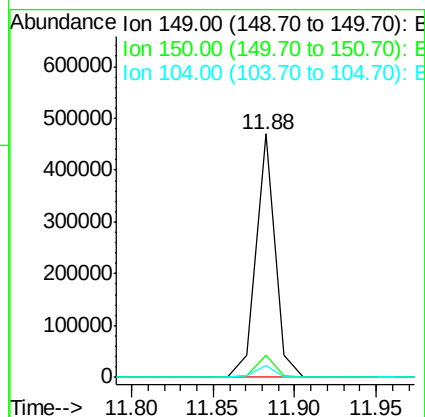
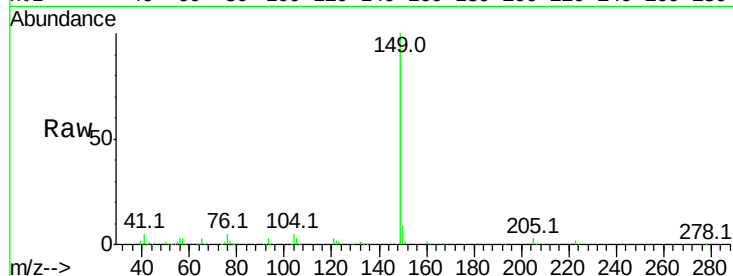
ClientSampleId :

PB87558BSD

Manual Integrations
APPROVED

Sohil
12/28/2015 1:10:08 PM

Tot Ion:	149	Resp:	382502
Ion Ratio	Lower	Upper	
149	100		
150	9.2	7.1	10.7
104	5.2	3.2	4.8#



#74

Fluoranthene

Concen: 31.14 ng

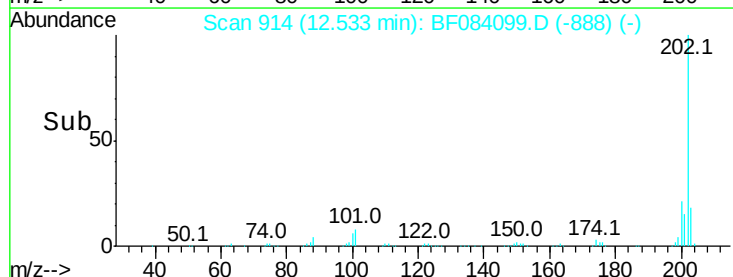
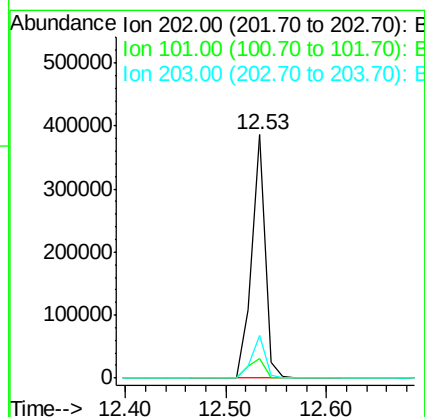
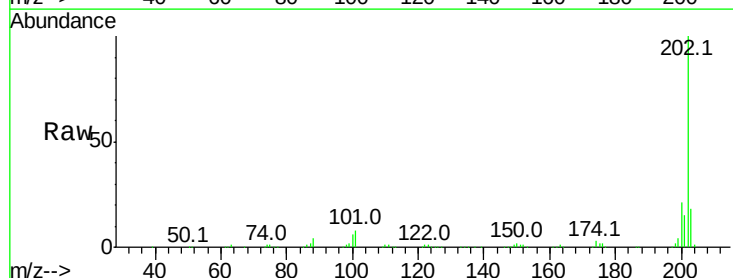
RT: 12.53 min Scan# 914

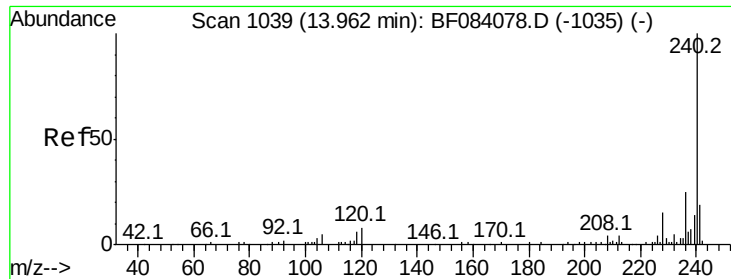
Delta R.T. 0.00 min

Lab File: BF084099.D

Acq: 25 Dec 2015 00:46

Tgt Ion:	202	Resp:	359672
Ion Ratio	Lower	Upper	
202	100		
101	8.2	0.0	32.8
203	17.6	0.0	37.9





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.96 min Scan# 1039

Delta R.T. -0.00 min

Lab File: BF084099.D

Acq: 25 Dec 2015 00:46

Instrument :

BNA_F

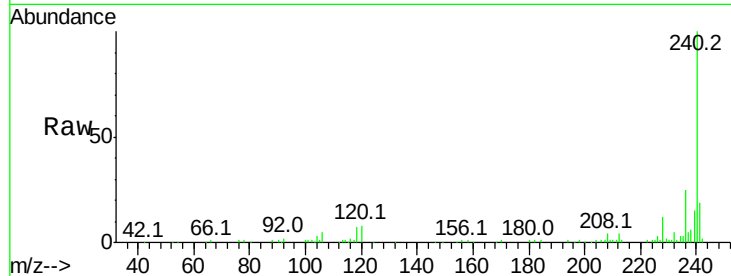
ClientSampleId :

PB87558BSD

Tot Ion	Ratio	Resp	Lower	Upper
240	100	133766		
120	7.8	9.5	14.3#	
236	25.5	20.6	31.0	

Manual Integrations
APPROVED

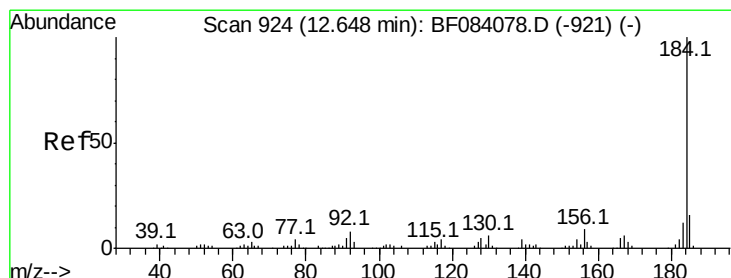
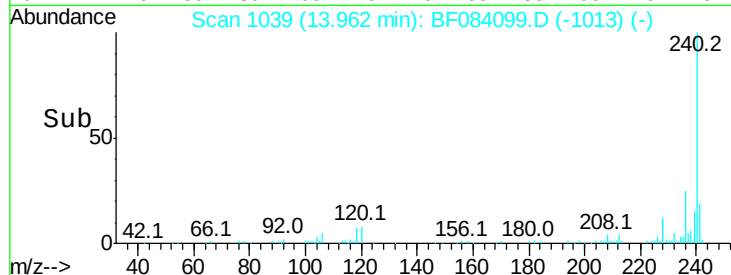
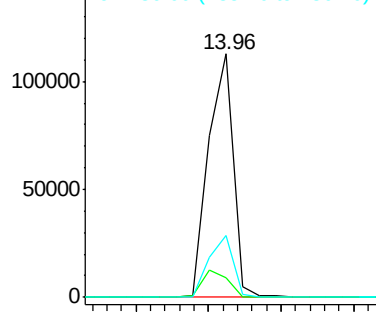
Sohil
12/28/2015 1:10:08 PM



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: 23.72 ng

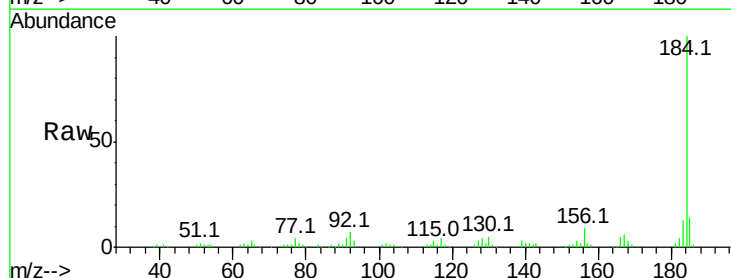
RT: 12.65 min Scan# 924

Delta R.T. 0.00 min

Lab File: BF084099.D

Acq: 25 Dec 2015 00:46

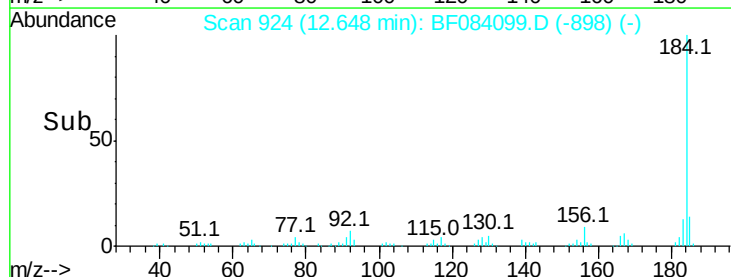
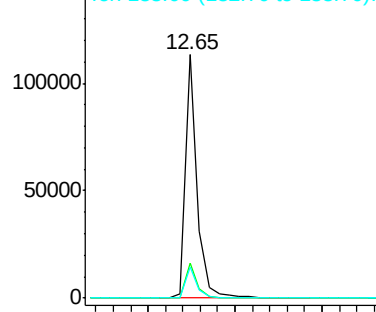
Tgt Ion	Ratio	Resp	Lower	Upper
184	100	107828		
185	14.4	12.2	18.2	
183	12.5	9.8	14.8	

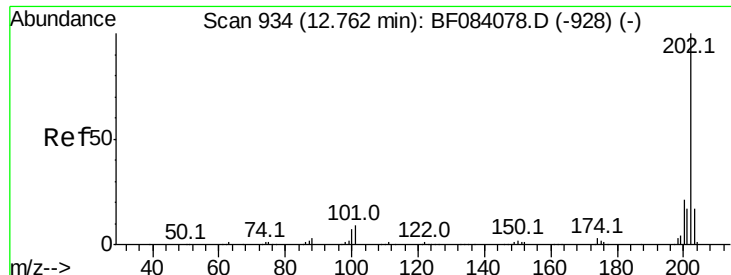


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 31.60 ng

RT: 12.76 min Scan# 934

Delta R.T. 0.00 min

Lab File: BF084099.D

Acq: 25 Dec 2015 00:46

Instrument :

BNA_F

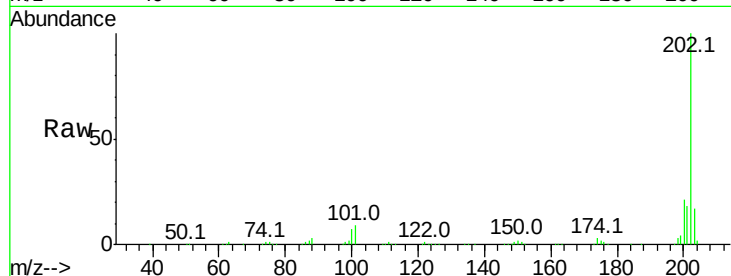
ClientSampleId :

PB87558BSD

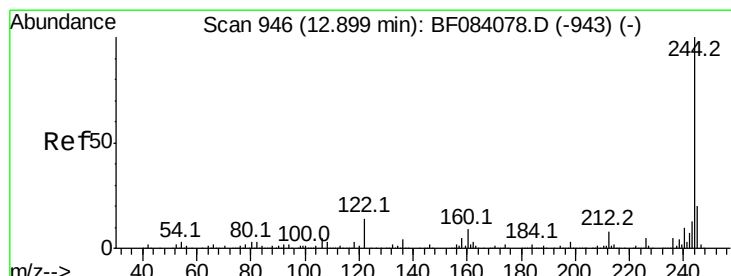
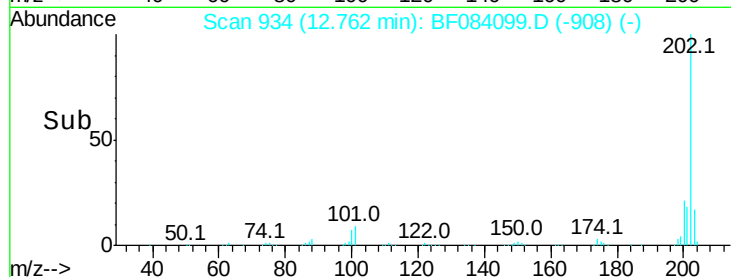
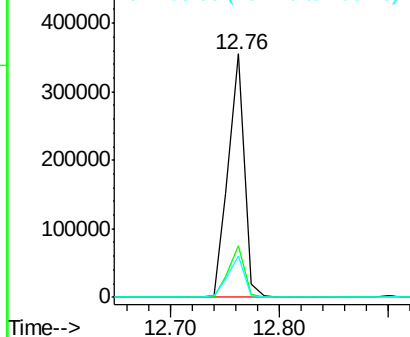
Tot Ion:	202	Resp:	364679
Ion Ratio	Lower	Upper	
202	100		
200	21.0	17.2	25.8
203	17.2	14.3	21.5

Manual Integrations
APPROVED

Sohil
12/28/2015 1:10:08 PM



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



#78

Terphenyl-d14

Concen: 57.98 ng

RT: 12.90 min Scan# 946

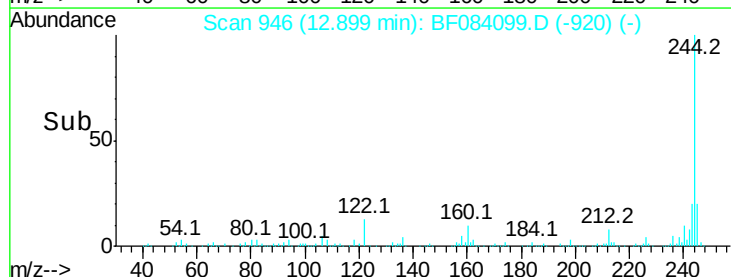
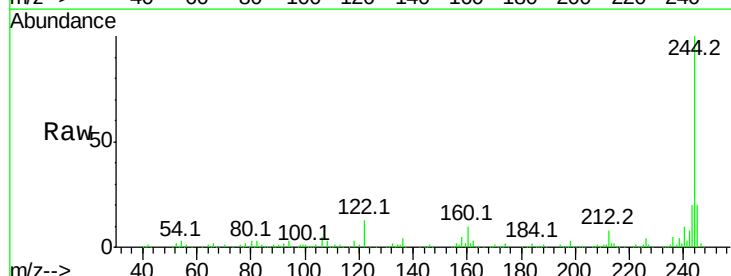
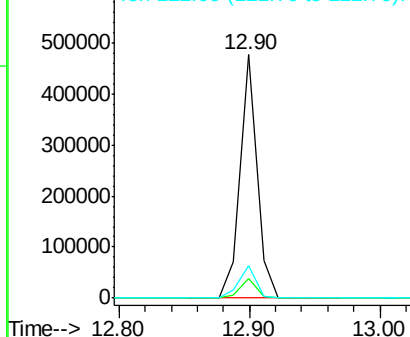
Delta R.T. -0.00 min

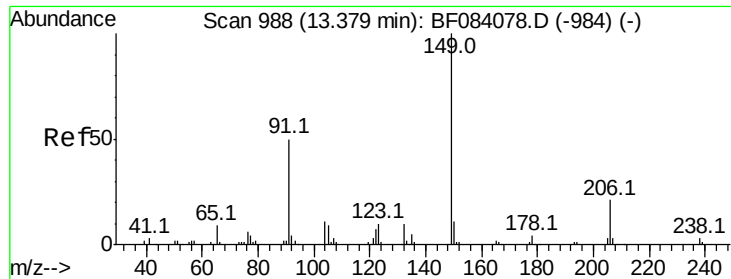
Lab File: BF084099.D

Acq: 25 Dec 2015 00:46

Tgt Ion:	244	Resp:	428617
Ion Ratio	Lower	Upper	
244	100		
212	7.9	5.7	8.5
122	13.2	7.4	11.0#

Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E





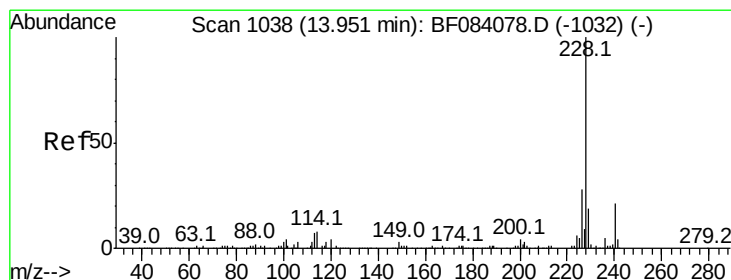
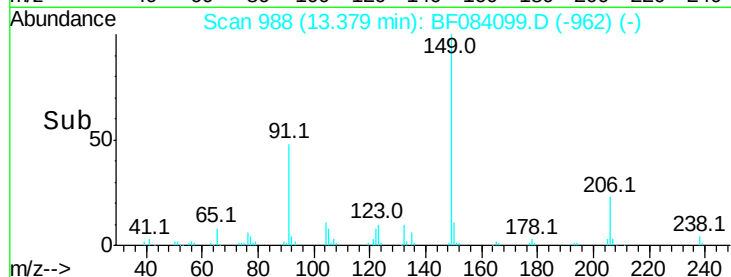
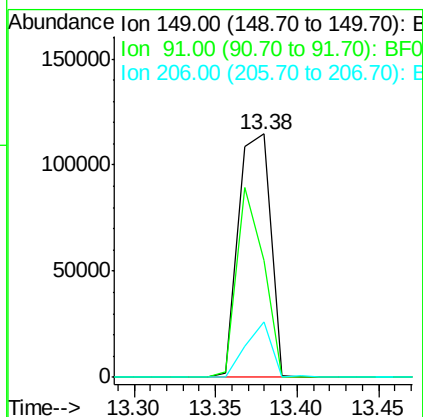
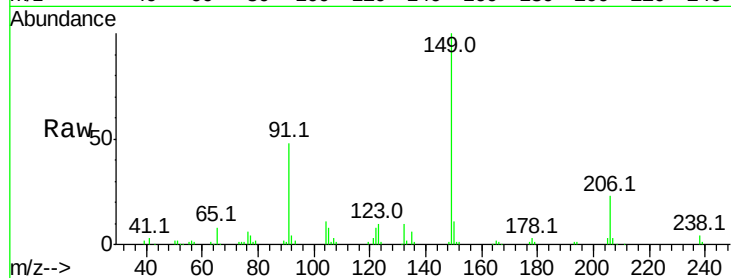
#79
Butylbenzylphthalate
Concen: 32.54 ng
RT: 13.38 min Scan# 988
Delta R.T. -0.00 min
Lab File: BF084099.D
Acq: 25 Dec 2015 00:46

Instrument :
BNA_F
ClientSampleId :
PB87558BSD

Tot Ion	Ratio	Resp	Lower	Upper
149	100	155448		
91	47.9	57.6	86.4#	
206	22.5	13.2	19.8#	

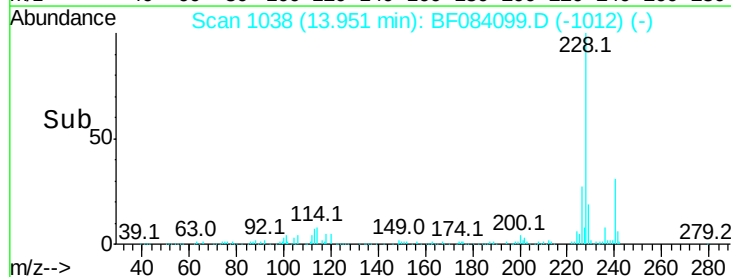
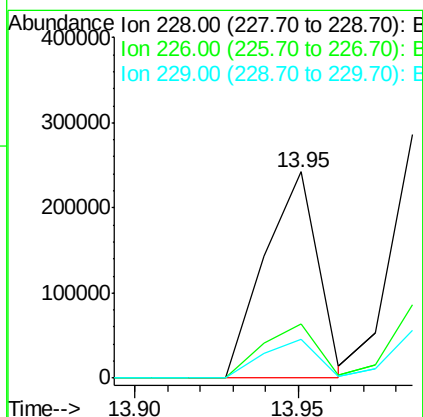
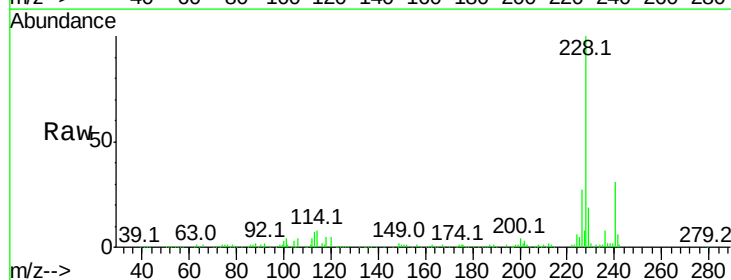
Manual Integrations
APPROVED

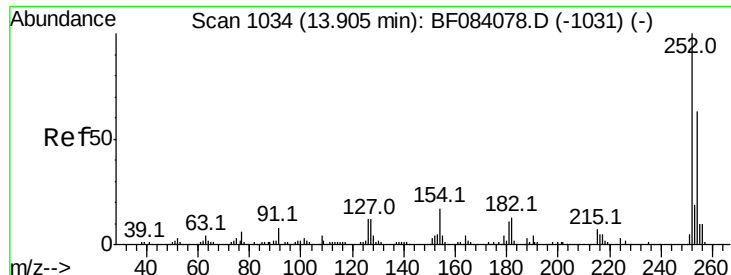
Sohil
12/28/2015 1:10:08 PM



#80
Benzo(a)anthracene
Concen: 33.36 ng
RT: 13.95 min Scan# 1038
Delta R.T. 0.00 min
Lab File: BF084099.D
Acq: 25 Dec 2015 00:46

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	274504		
226	26.5	21.8	32.6	
229	18.8	15.8	23.8	





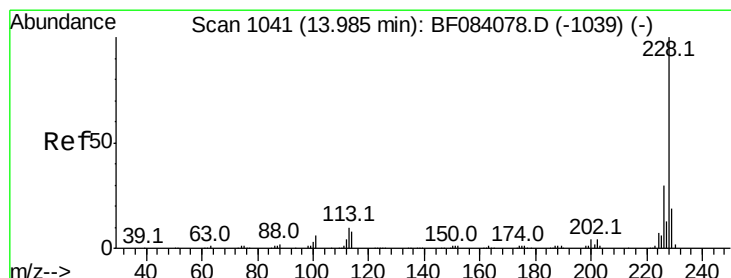
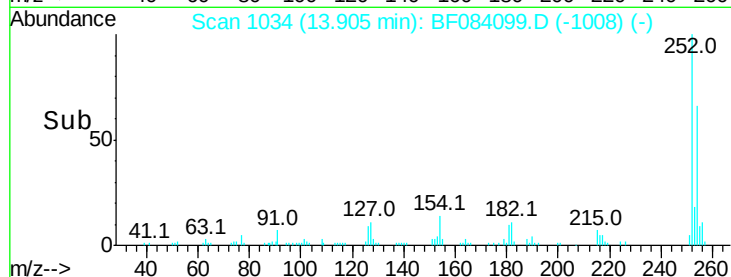
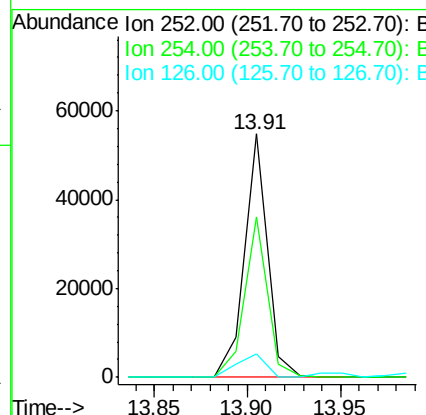
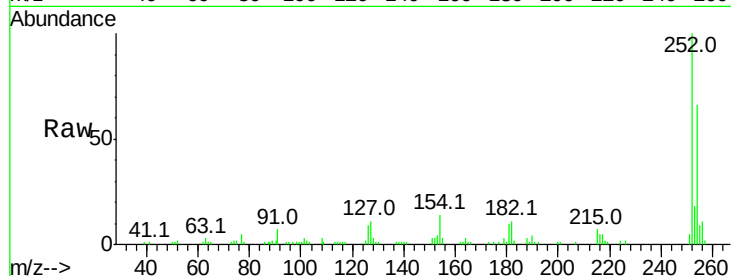
#81
 3,3'-Dichlorobenzidine
 Concen: 19.07 ng
 RT: 13.91 min Scan# 1034
 Delta R.T. -0.00 min
 Lab File: BF084099.D
 Acq: 25 Dec 2015 00:46

Instrument :
 BNA_F
 ClientSampleId :
 PB87558BSD

Tot Ion	Ratio	Lower	Upper
252	100		
254	65.8	53.5	80.3
126	9.5	4.9	7.3

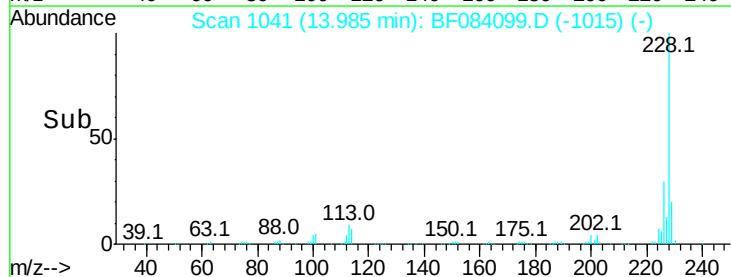
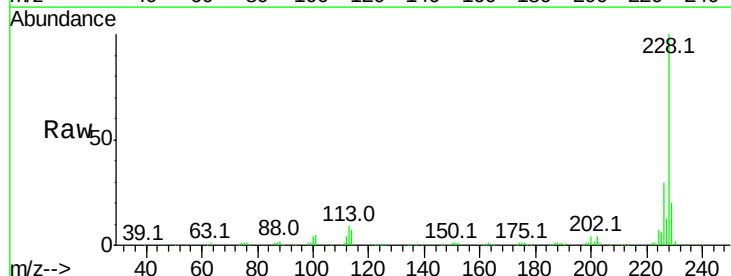
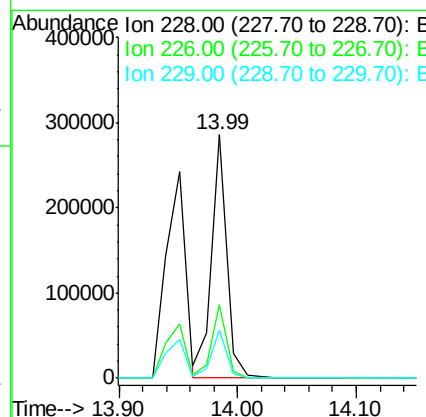
Manual Integrations
 APPROVED

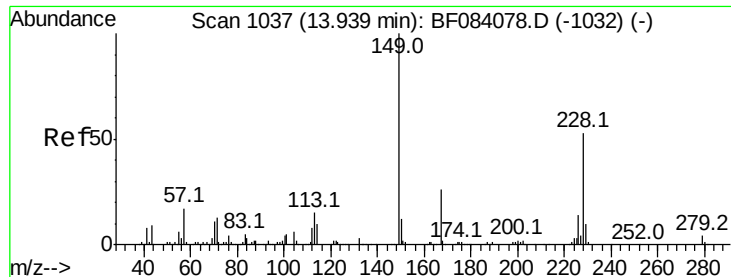
Sohil
 12/28/2015 1:10:08 PM



#82
 Chrysene
 Concen: 34.04 ng
 RT: 13.99 min Scan# 1041
 Delta R.T. 0.00 min
 Lab File: BF084099.D
 Acq: 25 Dec 2015 00:46

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.2	24.3	36.5
229	19.6	16.1	24.1





#83

Bis(2-ethylhexyl)phthalate

Concen: 33.65 ng

RT: 13.94 min Scan# 1037

Delta R.T. -0.00 min

Lab File: BF084099.D

Acq: 25 Dec 2015 00:46

Instrument :

BNA_F

ClientSampleId :

PB87558BSD

Tot Ion:149 Resp: 207734

Ion Ratio Lower Upper

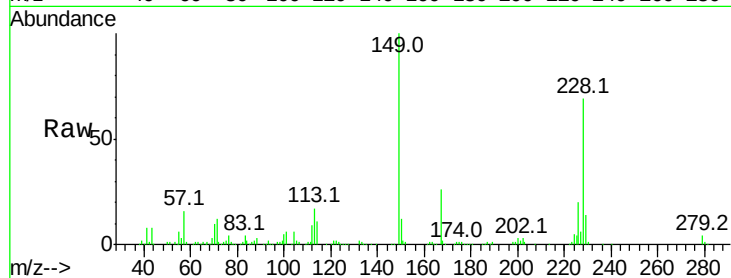
149 100

167 26.4 19.7 29.5

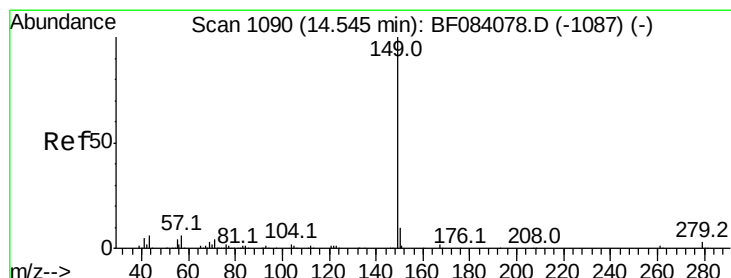
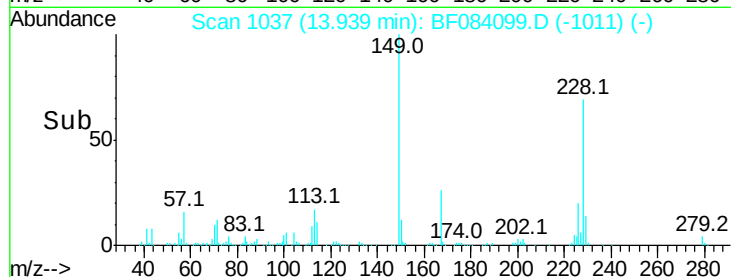
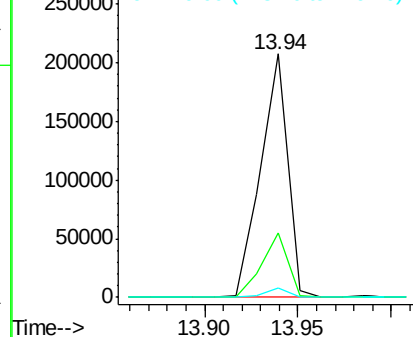
279 4.0 1.8 2.6#

Manual Integrations
APPROVED

Sohil
12/28/2015 1:10:08 PM



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



#84

Di-n-octyl phthalate

Concen: 36.07 ng

RT: 14.55 min Scan# 1090

Delta R.T. -0.00 min

Lab File: BF084099.D

Acq: 25 Dec 2015 00:46

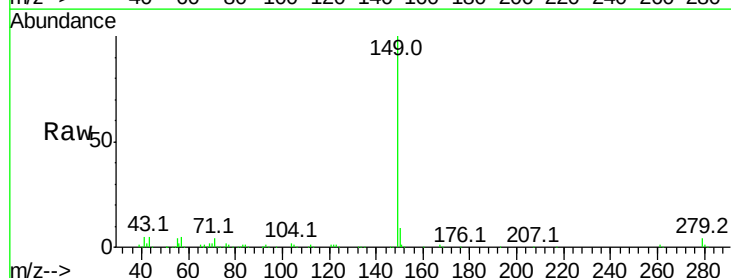
Tgt Ion:149 Resp: 313283

Ion Ratio Lower Upper

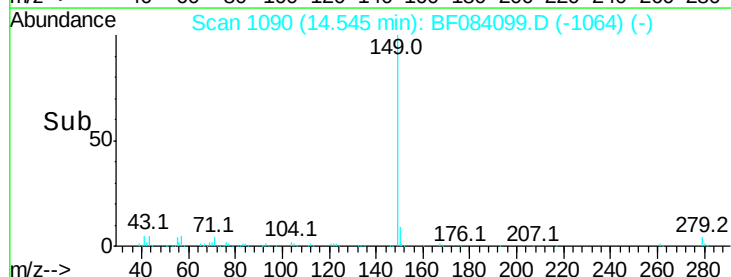
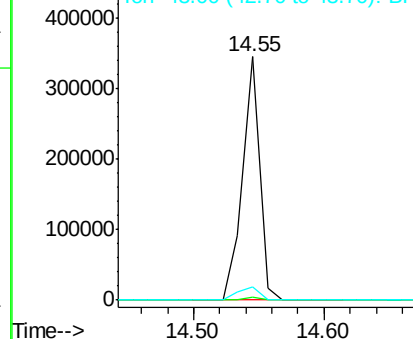
149 100

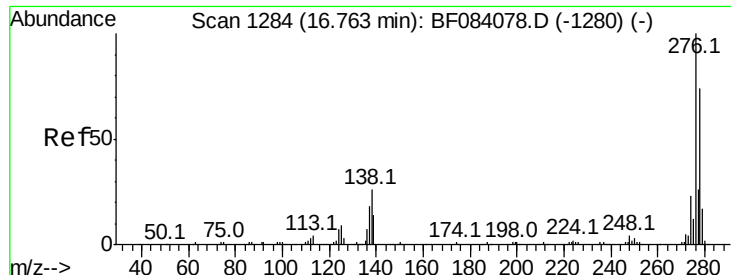
167 1.4 1.2 1.8

43 6.7 5.6 8.4



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





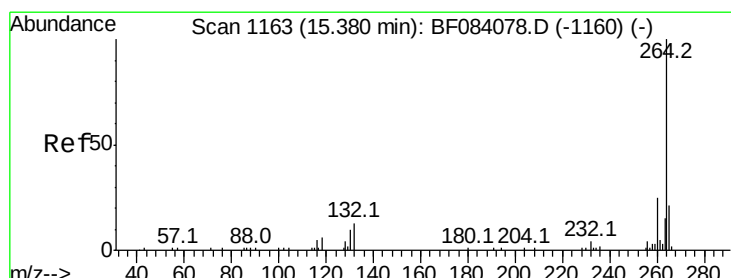
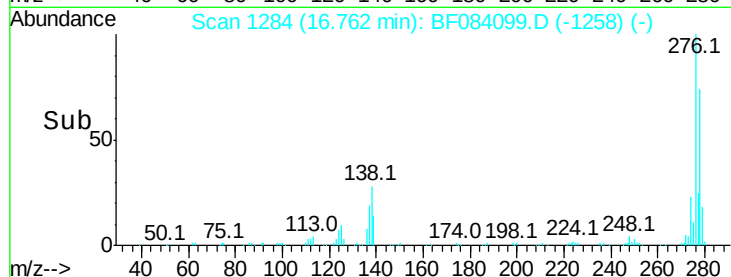
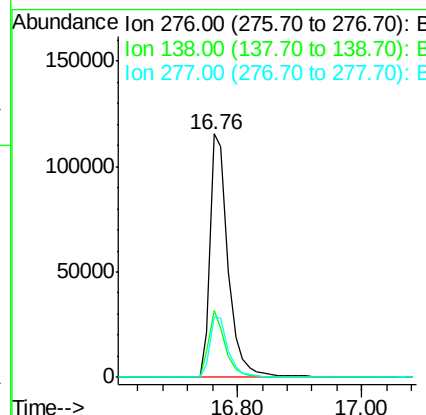
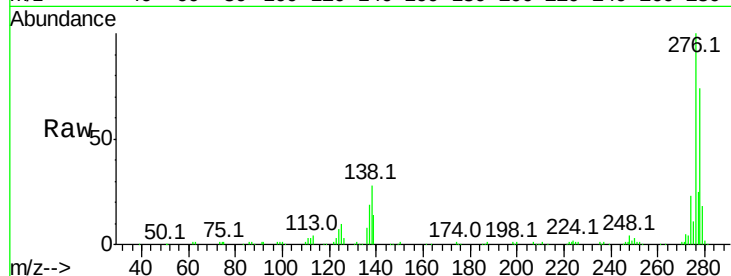
#85
Indeno(1,2,3-cd)pyrene
Concen: 30.60 ng
RT: 16.76 min Scan# 1284
Delta R.T. -0.00 min
Lab File: BF084099.D
Acq: 25 Dec 2015 00:46

Instrument :
BNA_F
ClientSampleId :
PB87558BSD

Tot Ion	Ratio	Resp	Lower	Upper
276	100	232508		
138	25.3		20.6	30.8
277	25.4		20.1	30.1

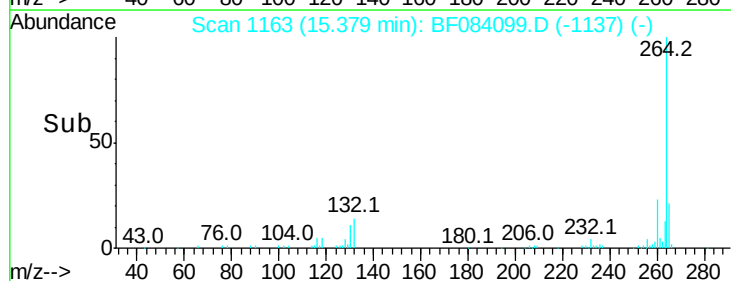
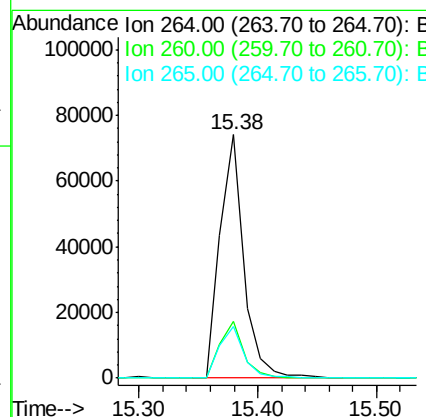
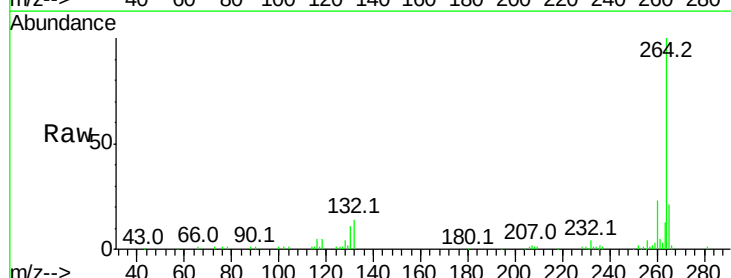
Manual Integrations
APPROVED

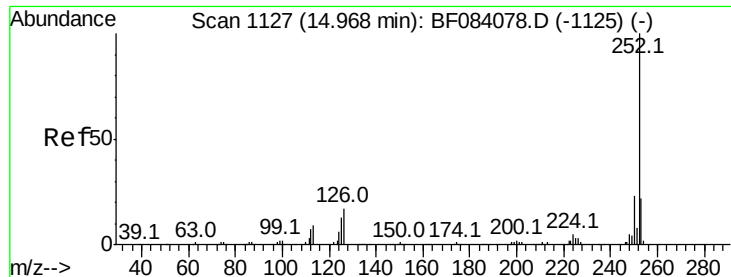
Sohil
12/28/2015 1:10:08 PM



#86
Perylene-d12
Concen: 20.00 ng
RT: 15.38 min Scan# 1163
Delta R.T. -0.00 min
Lab File: BF084099.D
Acq: 25 Dec 2015 00:46

Tgt Ion	Ratio	Resp	Lower	Upper
264	100	102092		
260	23.1		19.4	29.2
265	21.0		17.8	26.6





#87

Benzo(b)fluoranthene

Concen: 35.19 ng m

RT: 14.97 min Scan# 1127

Delta R.T. -0.00 min

Lab File: BF084099.D

Acq: 25 Dec 2015 00:46

Instrument :

BNA_F

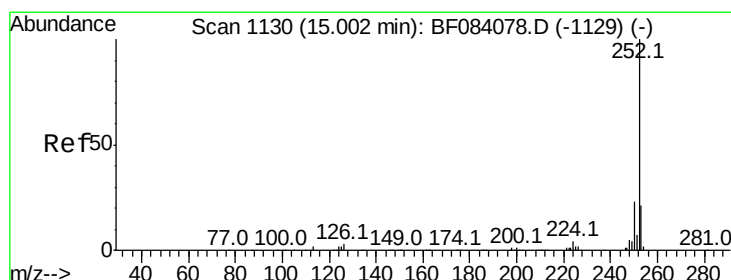
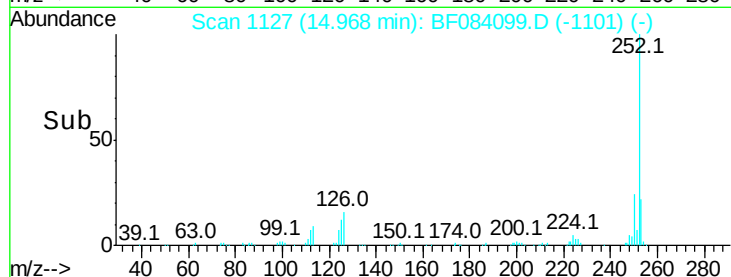
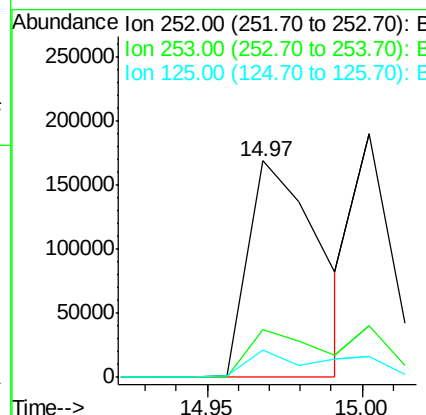
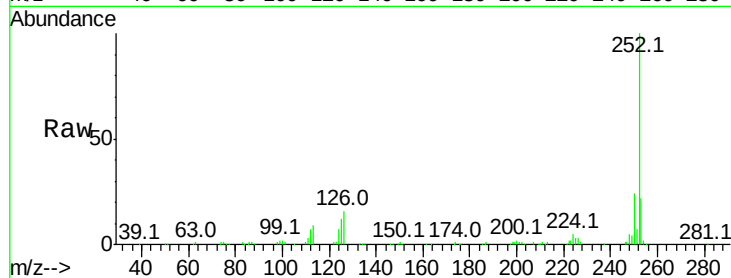
ClientSampleId :

PB87558BSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.3	25.9
125	12.5	6.5	9.7#

Manual Integrations
APPROVED

Sohil
12/28/2015 1:10:08 PM



#88

Benzo(k)fluoranthene

Concen: 33.60 ng m

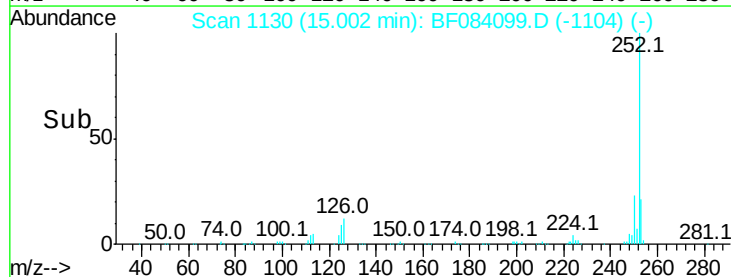
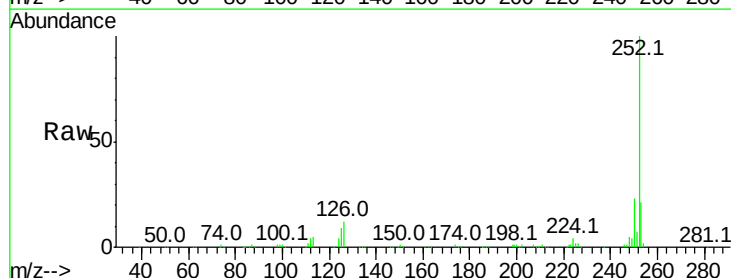
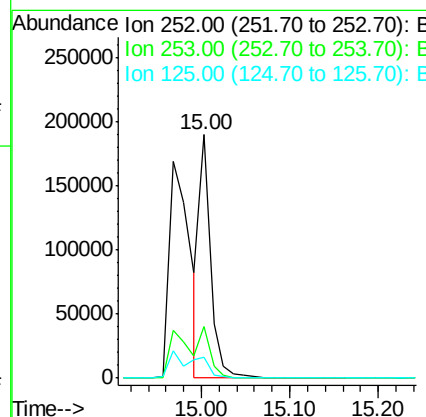
RT: 15.00 min Scan# 1130

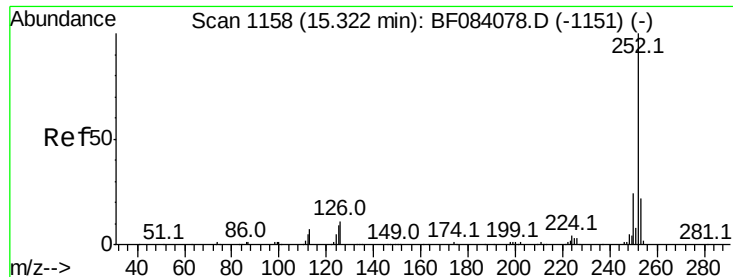
Delta R.T. 0.00 min

Lab File: BF084099.D

Acq: 25 Dec 2015 00:46

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.5	18.1	27.1
125	8.6	9.0	13.6#





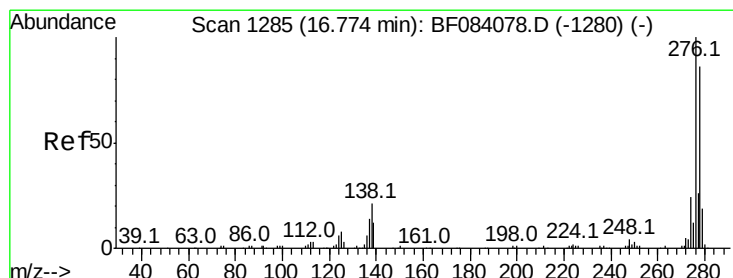
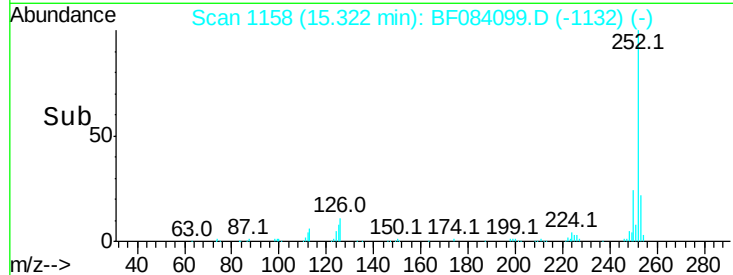
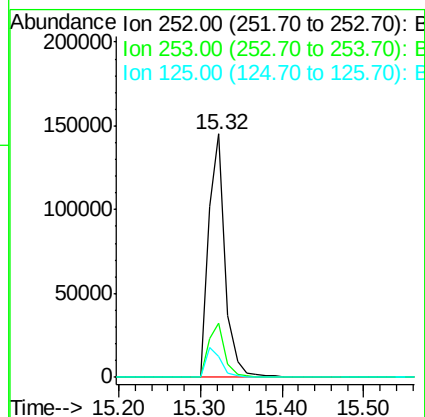
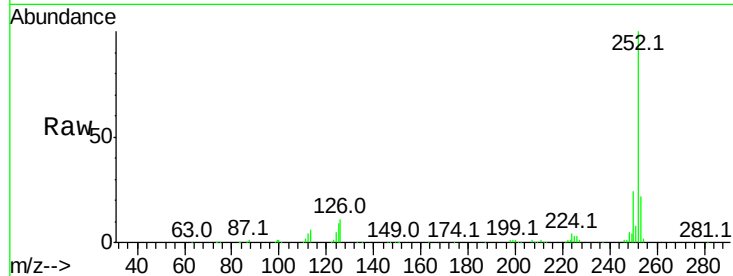
#89
Benzo(a)pyrene
Concen: 33.15 ng
RT: 15.32 min Scan# 1158
Delta R.T. -0.00 min
Lab File: BF084099.D
Acq: 25 Dec 2015 00:46

Instrument :
BNA_F
ClientSampleId :
PB87558BSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.3	25.9
125	8.5	7.0	10.4

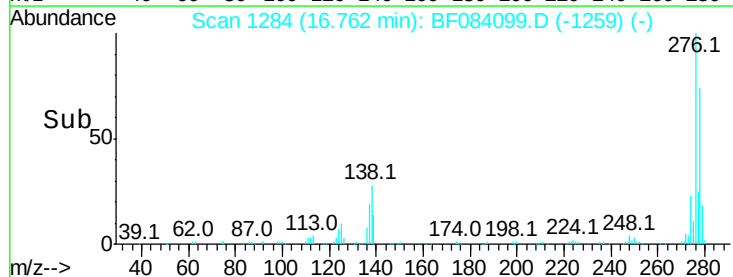
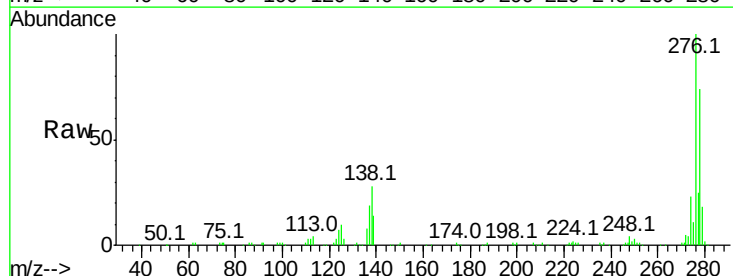
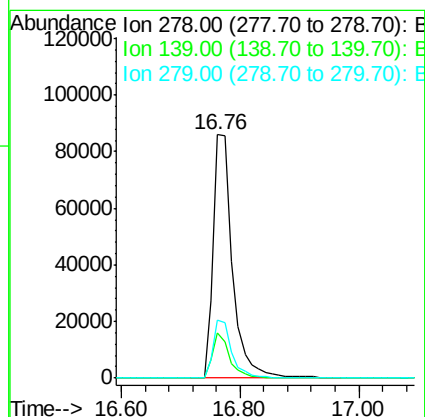
Manual Integrations
APPROVED

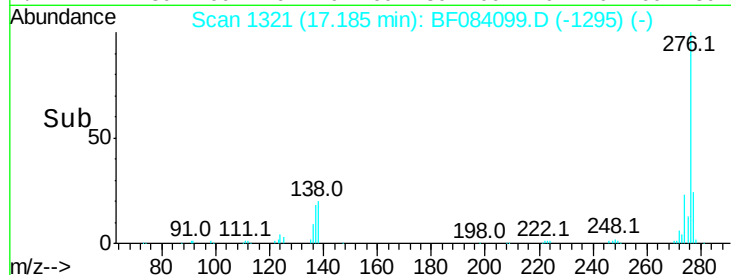
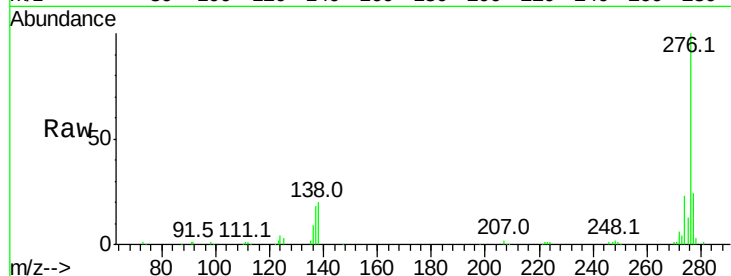
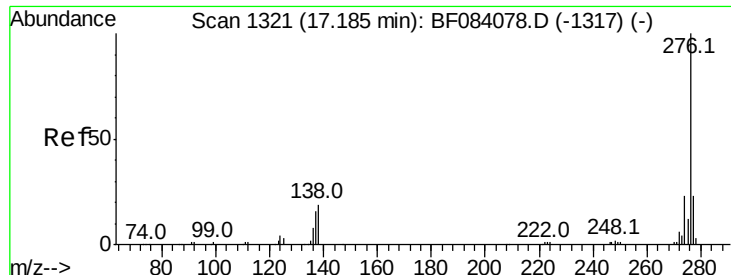
Sohil
12/28/2015 1:10:08 PM



#90
Dibenzo(a,h)anthracene
Concen: 31.81 ng
RT: 16.76 min Scan# 1284
Delta R.T. -0.01 min
Lab File: BF084099.D
Acq: 25 Dec 2015 00:46

Tgt Ion	Ratio	Lower	Upper
278	100		
139	18.6	15.0	22.4
279	23.6	18.9	28.3





#91
 Benzo(a,h,i)perylene
 Concen: 31.36 ng
 RT: 17.19 min Scan# 1321
 Delta R.T. -0.00 min
 Lab File: BF084099.D
 Acq: 25 Dec 2015 00:46

Instrument :
 BNA_F
 ClientSampleId :
 PB87558BSD

Tot Ion	Ratio	Resp Lower	Resp Upper
276	100		
277	24.0	18.8	28.2
138	20.0	17.8	26.6

Manual Integrations
 APPROVED

Sohil
 12/28/2015 1:10:08 PM

