

Data Path : Z:\HPCHEM1\BNA F\DATA\BF121915\
 Data File : BF083917.D
 Acq On : 18 Dec 2015 17:12
 Operator : UM/SJ
 Sample : PB87351BS
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB87351BS

Manual Integrations
 APPROVED

apatel
 12/22/2015 11:51:04 AM

Quant Time: Dec 19 04:32:37 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121815.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 18 14:23:22 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	69958	20.00	ng	-0.01
21) Naphthalene-d8	8.14	136	269482	20.00	ng	-0.01
38) Acenaphthene-d10	9.90	164	139702	20.00	ng	-0.01
63) Phenanthrene-d10	11.39	188	256306	20.00	ng	0.00
75) Chrysene-d12	14.02	240	250190	20.00	ng	-0.01
86) Perylene-d12	15.46	264	197380	20.00	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.48	112	60399	13.51	ng	0.00
7) Phenol-d6	6.50	99	83246	15.21	ng	-0.01
23) Nitrobenzene-d5	7.42	82	48193	10.21	ng	-0.01
41) 2,4,6-Tribromophenol	10.69	330	19947	12.96	ng	-0.01
44) 2-Fluorobiphenyl	9.22	172	98643	8.03	ng	-0.02
78) Terphenyl-d14	12.97	244	114475	4.78	ng	-0.01

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.49	88	8338	4.30	ng	96
3) Pyridine	3.26	79	20456	4.27	ng	96
4) n-Nitrosodimethylamine	3.16	42	7111	3.89	ng	# 81
6) Aniline	6.52	93	25613	3.63	ng	96
8) 2-Chlorophenol	6.65	128	25659	4.82	ng	99
9) Benzaldehyde	6.41	77	9273	2.81	ng	96
10) Phenol	6.51	94	29339	4.81	ng	93
11) bis(2-Chloroethyl)ether	6.59	93	21917	4.73	ng	94
12) 1,3-Dichlorobenzene	6.81	146	23809	4.16	ng	99
13) 1,4-Dichlorobenzene	6.88	146	24840	4.25	ng	97
15) Benzyl Alcohol	7.00	79	19907	4.81	ng	88
16) 2,2'-oxybis(1-Chloropropan	7.14	45	22242	4.65	ng	96
17) 2-Methylphenol	7.13	107	18546	4.44	ng	97
18) Hexachloroethane	7.38	117	9983	4.66	ng	99
19) n-Nitroso-di-n-propylamine	7.28	70	14847	4.65	ng	98
20) 3+4-Methylphenols	7.28	107	26467	5.40	ng	# 75
22) Acetophenone	7.28	105	31947	4.92	ng	# 97
24) Nitrobenzene	7.45	77	22722	4.65	ng	# 85
25) Isophorone	7.69	82	37837	4.26	ng	# 91
26) 2-Nitrophenol	7.77	139	11041	4.37	ng	99
27) 2,4-Dimethylphenol	7.80	122	20243	4.65	ng	99
28) bis(2-Chloroethoxy)methane	7.89	93	25758	4.90	ng	98
29) 2,4-Dichlorophenol	8.01	162	20306	5.14	ng	94
30) 1,2,4-Trichlorobenzene	8.09	180	20089	4.74	ng	99
31) Naphthalene	8.17	128	74997	3.49	ng	98
32) Benzoic acid	7.88	122	6043	6.63	ng	97
33) 4-Chloroaniline	8.22	127	22714	3.71	ng	# 89
34) Hexachlorobutadiene	8.29	225	11997	4.53	ng	96
35) Caprolactam	8.54	113	5769	4.42	ng	94
36) 4-Chloro-3-methylphenol	8.70	107	23398	3.63	ng	96
37) 2-Methylnaphthalene	8.86	142	45771	4.89	ng	97
39) 1,2,4,5-Tetrachlorobenzene	9.04	216	19137	4.34	ng	99
40) Hexachlorocyclopentadiene	9.02	237	2123	10.34	ng	91
42) 2,4,6-Trichlorophenol	9.15	196	12255	4.21	ng	99

Data Path : Z:\HPCHEM1\BNA F\DATA\BF121915\
 Data File : BF083917.D
 Acq On : 18 Dec 2015 17:12
 Operator : UM/SJ
 Sample : PB87351BS
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB87351BS

Manual Integrations
 APPROVED

apatel
 12/22/2015 11:51:04 AM

Quant Time: Dec 19 04:32:37 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121815.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 18 14:23:22 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,5-Trichlorophenol	9.18	196	12597	4.38	nq	# 88
45) 1,1'-Biphenyl	9.32	154	58287	3.42	nq	98
46) 2-Chloronaphthalene	9.34	162	42374	2.97	nq	99
47) 2-Nitroaniline	9.45	65	11354	4.11	nq	# 55
48) Acenaphthylene	9.77	152	74056	4.55	nq	99
49) Dimethylphthalate	9.62	163	57225	4.88	nq	# 90
50) 2,6-Dinitrotoluene	9.69	165	10751	4.20	nq	91
51) Acenaphthene	9.94	154	42402	4.23	nq	97
52) 3-Nitroaniline	9.85	138	11002	4.08	nq	88
53) 2,4-Dinitrophenol	9.97	184	4156	14.24	nq	93
54) Dibenzofuran	10.11	168	58382	4.49	nq	99
55) 4-Nitrophenol	10.03	139	13201	7.84	nq	94
56) 2,4-Dinitrotoluene	10.09	165	14267	4.35	nq	95
58) 2,3,4,6-Tetrachlorophenol	10.24	232	9270	4.35	nq	# 97
59) Diethylphthalate	10.32	149	49632	4.10	nq	94
60) 4-Chlorophenyl-phenylether	10.44	204	21663	4.35	nq	91
61) 4-Nitroaniline	10.46	138	10555	3.78	nq	80
62) Azobenzene	10.60	77	47995	4.72	nq	98
64) 4,6-Dinitro-2-methylphenol	10.50	198	4781	6.72	nq	97
65) n-Nitrosodiphenylamine	10.56	169	49487	5.31	nq	97
66) 4-Bromophenyl-phenylether	10.93	248	14446	4.61	nq	# 92
67) Hexachlorobenzene	11.00	284	14494	4.39	nq	# 91
68) Atrazine	11.08	200	14116	4.78	nq	97
69) Pentachlorophenol	11.20	266	8412	10.37	nq	98
70) Phenanthrene	11.41	178	75573	4.88	nq	99
71) Anthracene	11.46	178	77394	5.17	nq	98
72) Carbazole	11.62	167	68899	4.66	nq	97
73) Di-n-butylphthalate	11.95	149	95046	5.47	nq	# 99
74) Fluoranthene	12.60	202	78653	5.09	nq	93
76) Benzidine	12.72	184	33685	3.36	nq	98
79) Butylbenzylphthalate	13.45	149	38673	4.64	nq	# 79
80) Benzo(a)anthracene	14.02	228	72582	4.72	nq	98
81) 3,3'-Dichlorobenzidine	13.97	252	22003	3.83	nq	# 95
82) Chrysene	14.05	228	66612	4.48	nq	97
83) Bis(2-ethylhexyl)phthalate	14.01	149	59870	5.38	nq	# 96
84) Di-n-octyl phthalate	14.61	149	92465	5.31	nq	# 96
85) Indeno(1,2,3-cd)pyrene	16.90	276	49096	4.42	nq	99
87) Benzo(b)fluoranthene	15.05	252	61986m	4.31	nq	
88) Benzo(k)fluoranthene	15.07	252	64022m	5.39	nq	
89) Benzo(a)pyrene	15.40	252	55802	4.70	nq	# 97
90) Dibenzo(a,h)anthracene	16.90	278	41465	4.49	nq	98
91) Benzo(g,h,i)perylene	17.32	276	39857	4.40	nq	97

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

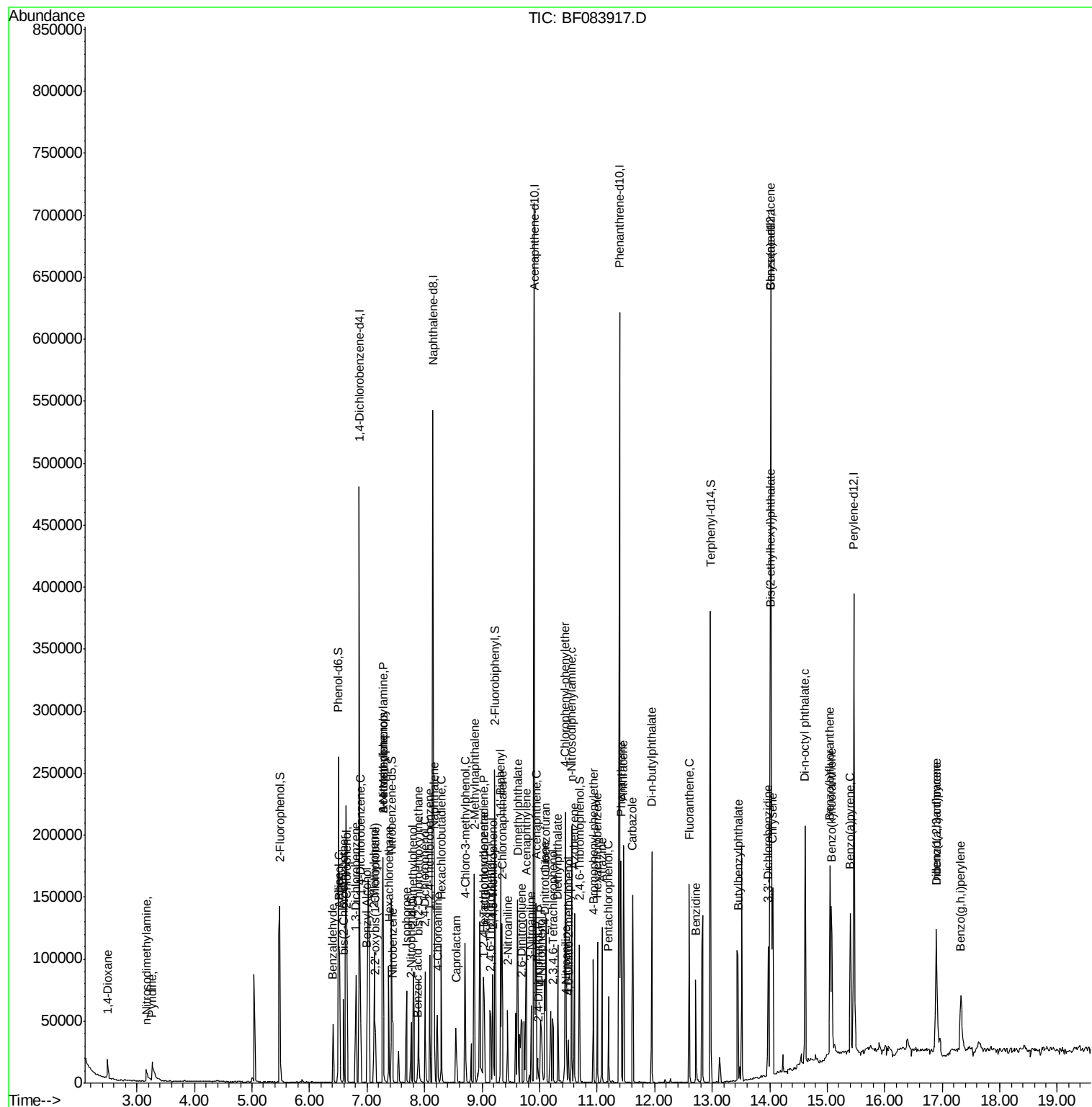
Data Path : Z:\HPCHEM1\BNA F\DATA\BF121915\
Data File : BF083917.D
Acq On : 18 Dec 2015 17:12
Operator : UM/SJ
Sample : PB87351BS
Misc :
ALS Vial : 8 Sample Multiplier: 1

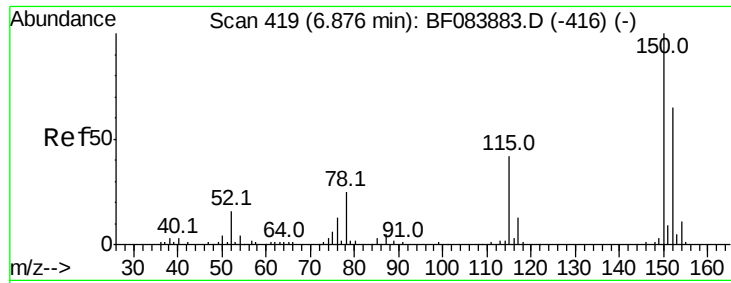
Instrument :
BNA_F
ClientSampleId :
PB87351BS

Manual Integrations
APPROVED

apatel
12/22/2015 11:51:04 AM

Quant Time: Dec 19 04:32:37 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121815.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 18 14:23:22 2015
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.86 min Scan# 418

Delta R.T. -0.01 min

Lab File: BF083917.D

Acq: 18 Dec 2015 17:12

Instrument :

BNA_F

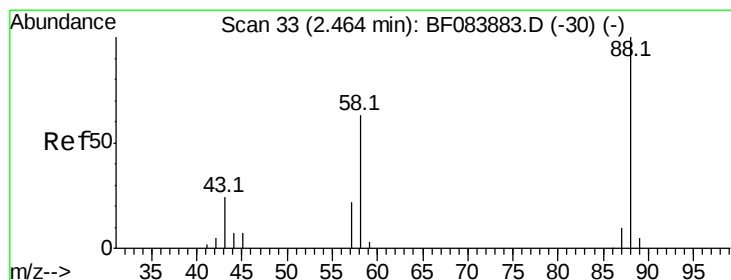
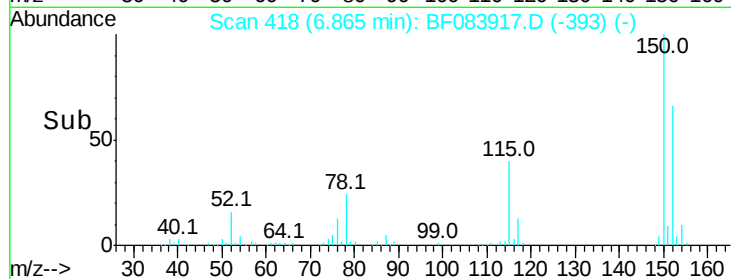
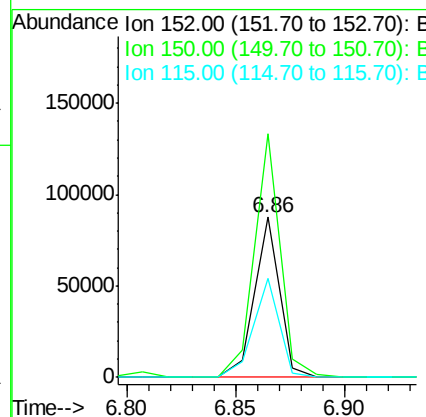
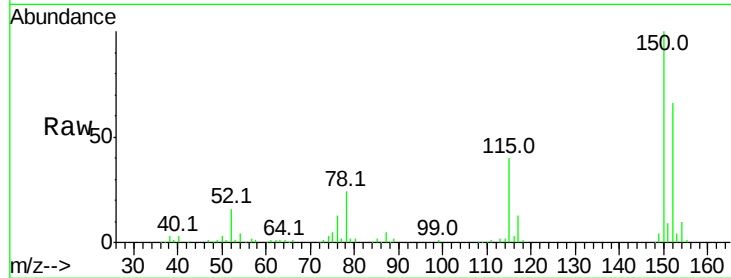
ClientSampleId :

PB87351BS

Tot Ion:	152	Resp:	69958
Ion Ratio	Lower	Upper	
152	100		
150	152.2	123.0	184.4
115	61.6	51.4	77.2

Manual Integrations
APPROVED

apatel
12/22/2015 11:51:04 AM



#2

1,4-Dioxane

Concen: 4.30 ng

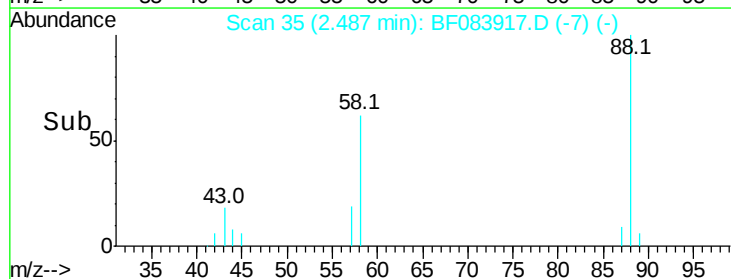
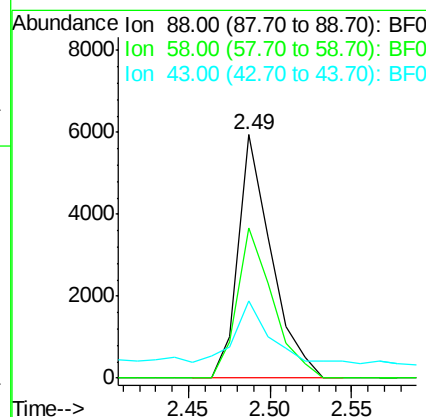
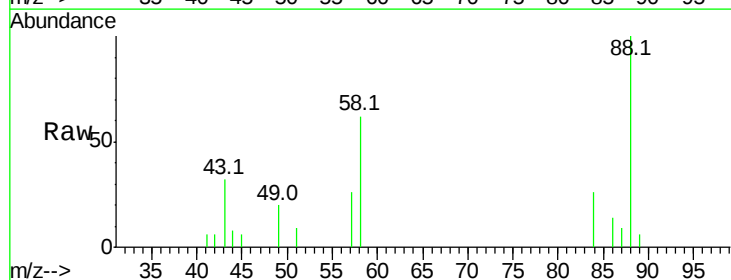
RT: 2.49 min Scan# 35

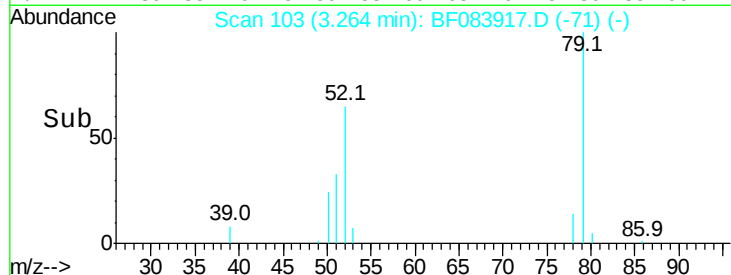
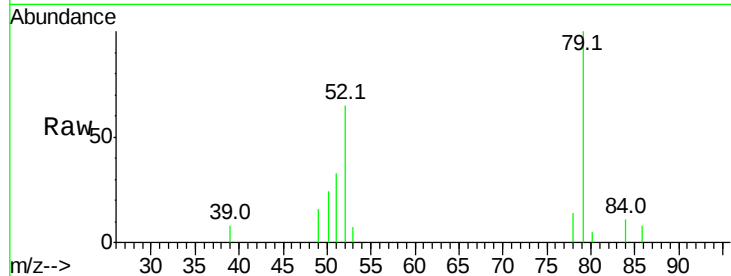
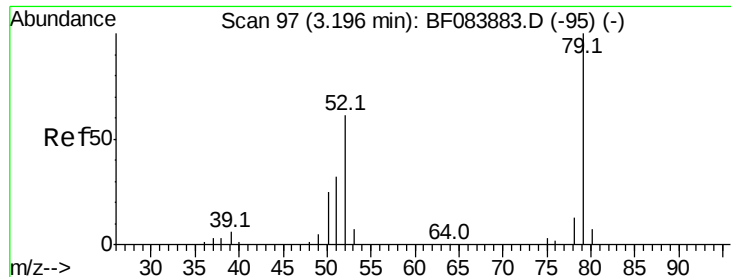
Delta R.T. 0.02 min

Lab File: BF083917.D

Acq: 18 Dec 2015 17:12

Tgt Ion:	88	Resp:	8338
Ion Ratio	Lower	Upper	
88	100		
58	66.6	51.2	76.8
43	28.0	19.5	29.3





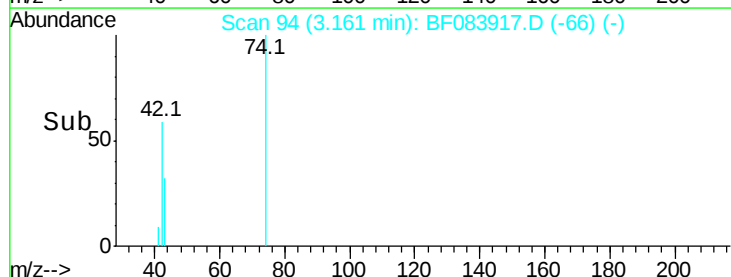
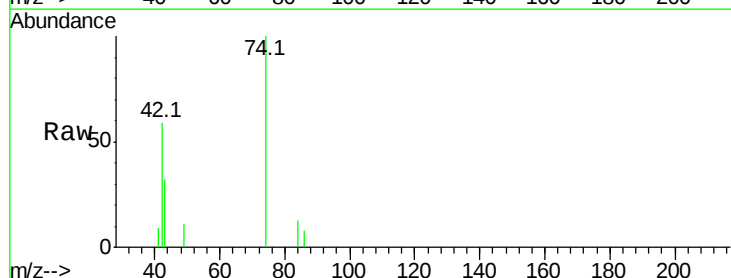
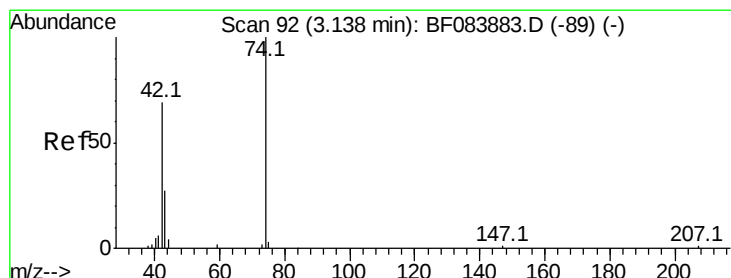
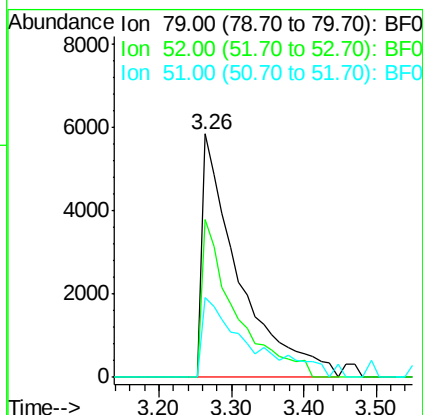
#3
 Pvridine
 Concen: 4.27 ng
 RT: 3.26 min Scan# 103
 Delta R.T. 0.07 min
 Lab File: BF083917.D
 Acq: 18 Dec 2015 17:12

Tot Ion:	79	Resp:	20456
Ion Ratio	Lower	Upper	
79	100		
52	64.9	49.0	73.4
51	32.6	25.2	37.8

Instrument :
 BNA_F
 ClientSampleId :
 PB87351BS

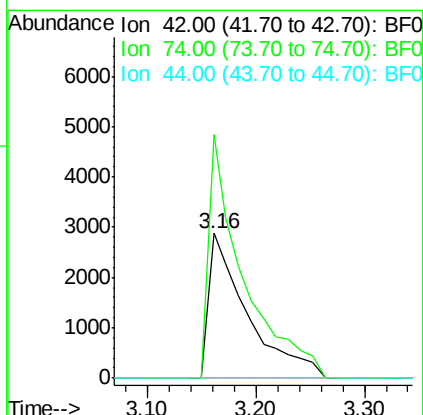
Manual Integrations
 APPROVED

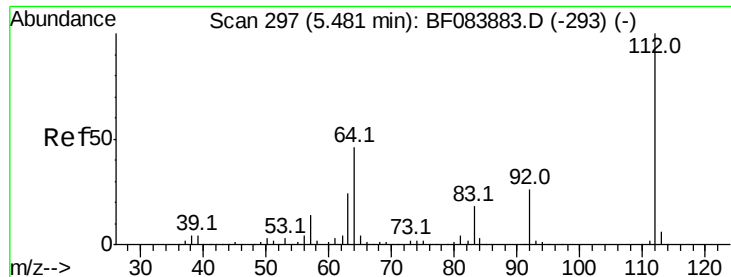
apatel
 12/22/2015 11:51:04 AM



#4
 n-Nitrosodimethylamine
 Concen: 3.89 ng
 RT: 3.16 min Scan# 94
 Delta R.T. 0.02 min
 Lab File: BF083917.D
 Acq: 18 Dec 2015 17:12

Tgt Ion:	42	Resp:	7111
Ion Ratio	Lower	Upper	
42	100		
74	168.4	115.7	173.5
44	0.0	5.1	7.7#





#5

2-Fluorophenol

Concen: 13.51 ng

RT: 5.48 min Scan# 297

Delta R.T. 0.00 min

Lab File: BF083917.D

Acq: 18 Dec 2015 17:12

Instrument :

BNA_F

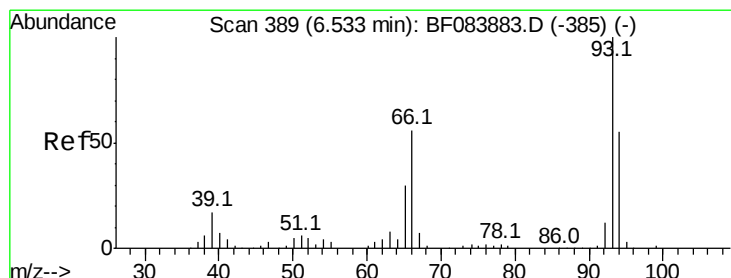
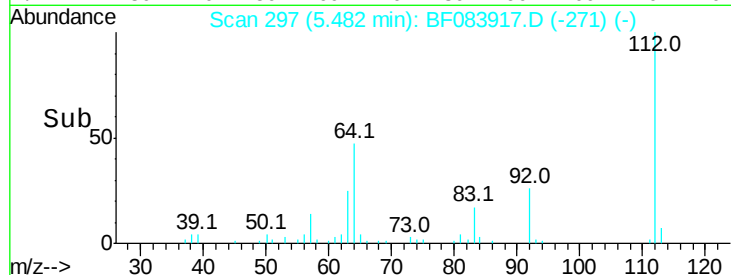
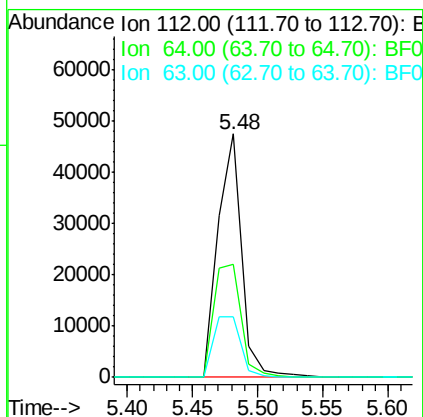
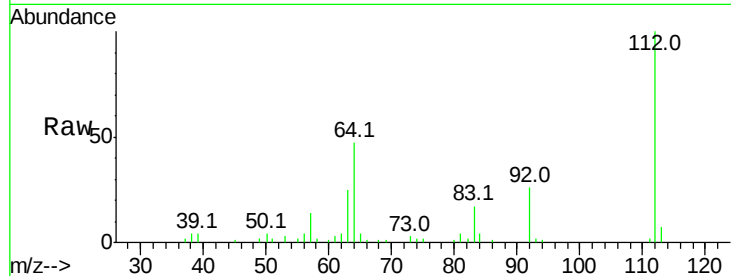
ClientSampleId :

PB87351BS

Tot Ion:	112	Resp:	60399
Ion Ratio	Lower	Upper	
112	100		
64	46.7	36.6	55.0
63	24.7	19.4	29.0

Manual Integrations
APPROVED

apatel
12/22/2015 11:51:04 AM



#6

Aniline

Concen: 3.63 ng

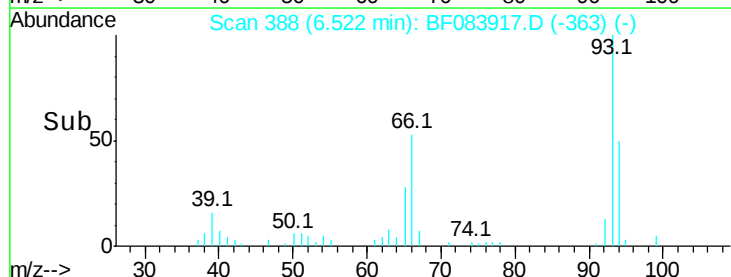
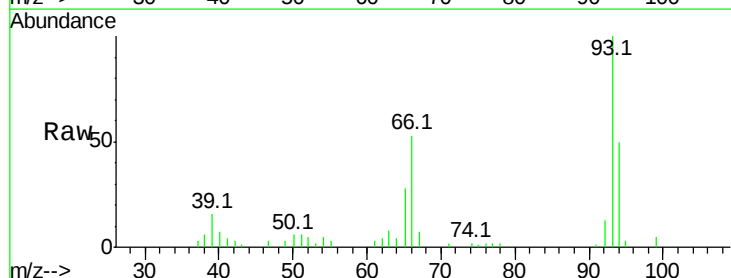
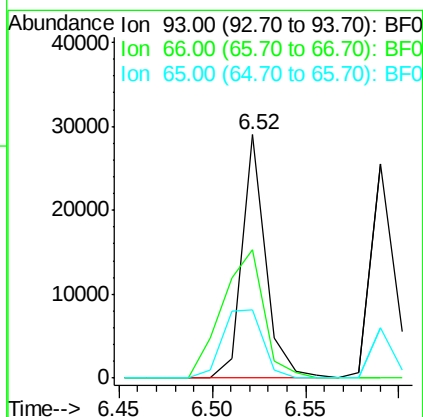
RT: 6.52 min Scan# 388

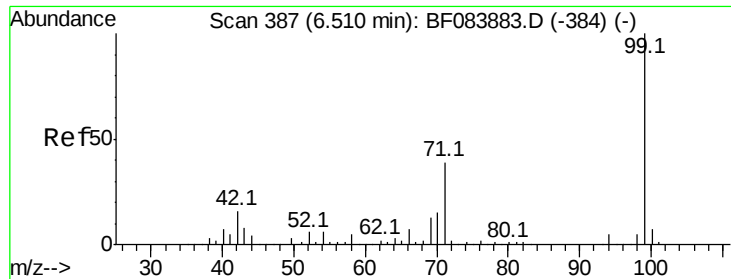
Delta R.T. -0.01 min

Lab File: BF083917.D

Acq: 18 Dec 2015 17:12

Tgt Ion:	93	Resp:	25613
Ion Ratio	Lower	Upper	
93	100		
66	52.8	44.9	67.3
65	28.0	23.7	35.5





#7

Phenol-d6

Concen: 15.21 ng

RT: 6.50 min Scan# 386

Delta R.T. -0.01 min

Lab File: BF083917.D

Acq: 18 Dec 2015 17:12

Instrument :

BNA_F

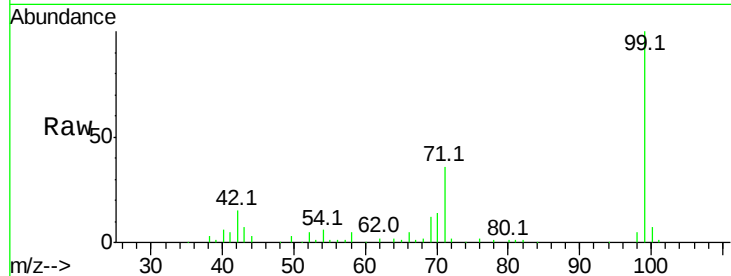
ClientSampleId :

PB87351BS

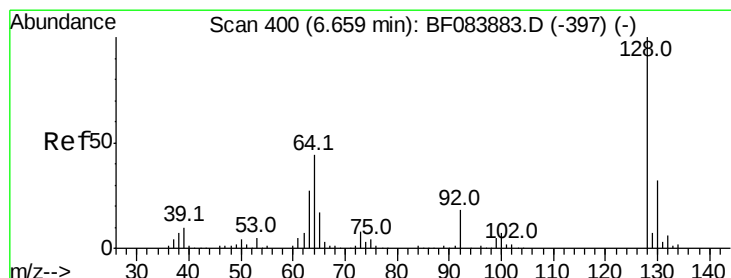
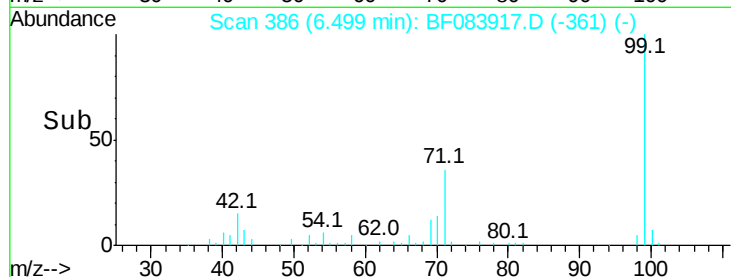
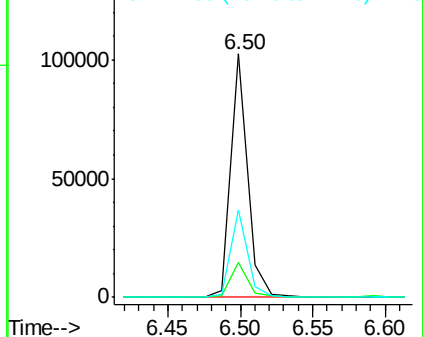
Tot Ion:	99	Resp:	83246
Ion Ratio	Lower	Upper	
99	100		
42	14.6	12.8	19.2
71	35.8	30.9	46.3

Manual Integrations
APPROVED

apatel
12/22/2015 11:51:04 AM



Abundance Ion 99.00 (98.70 to 99.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 4.82 ng

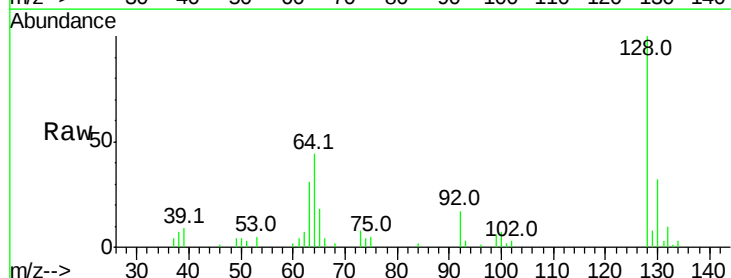
RT: 6.65 min Scan# 399

Delta R.T. -0.01 min

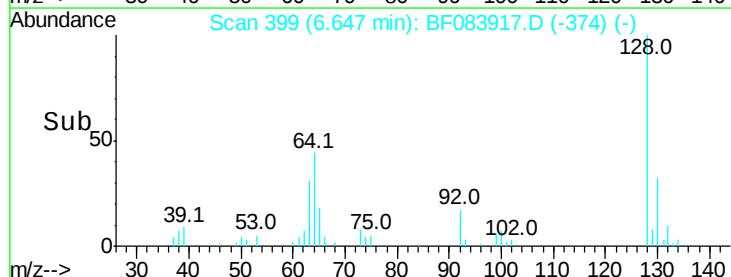
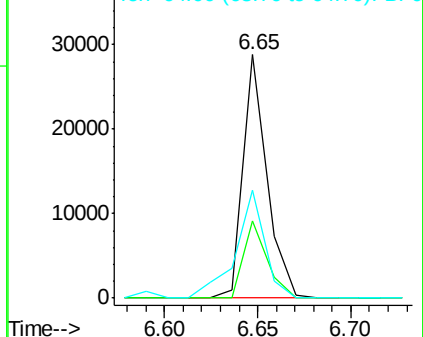
Lab File: BF083917.D

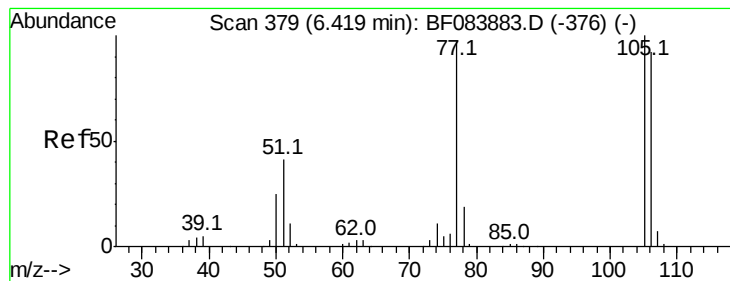
Acq: 18 Dec 2015 17:12

Tgt Ion:	128	Resp:	25659
Ion Ratio	Lower	Upper	
128	100		
130	32.0	11.6	51.6
64	44.2	23.8	63.8



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 2.81 ng

RT: 6.41 min Scan# 378

Delta R.T. -0.01 min

Lab File: BF083917.D

Acq: 18 Dec 2015 17:12

Instrument :

BNA_F

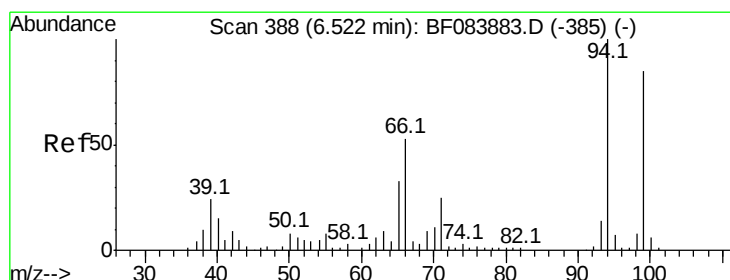
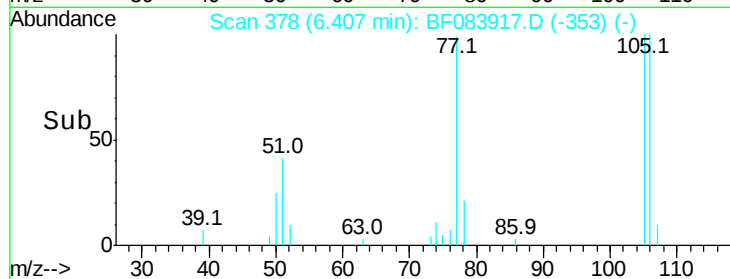
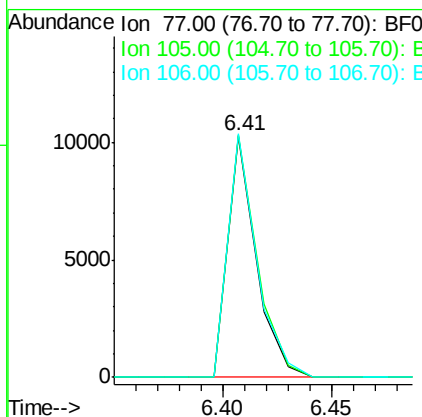
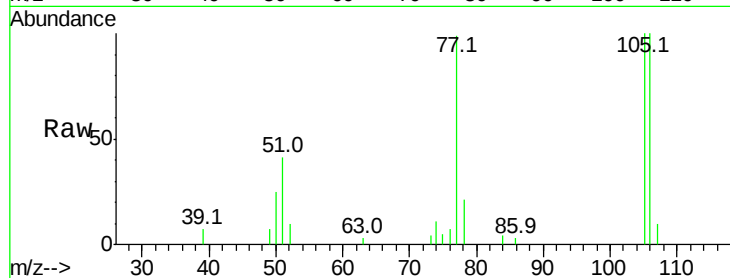
ClientSampleId :

PB87351BS

Tot Ion:	77	Resp:	9273
Ion	Ratio	Lower	Upper
77	100		
105	100.6	83.0	123.0
106	101.0	74.6	114.6

Manual Integrations
APPROVED

apatel
12/22/2015 11:51:04 AM



#10

Phenol

Concen: 4.81 ng

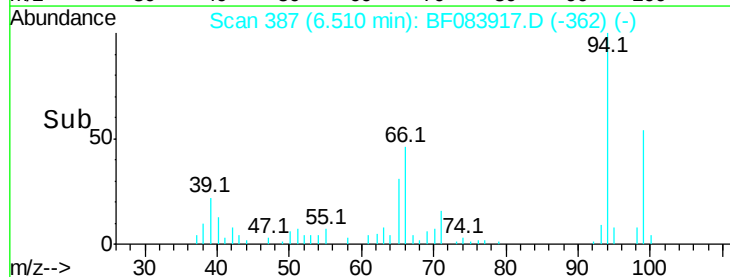
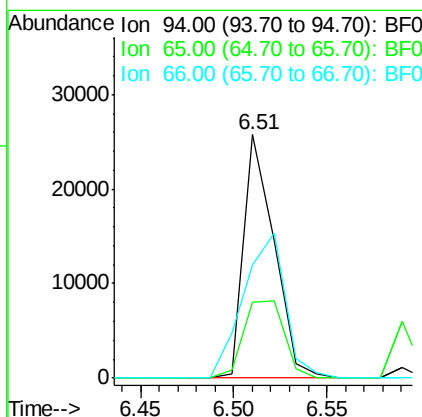
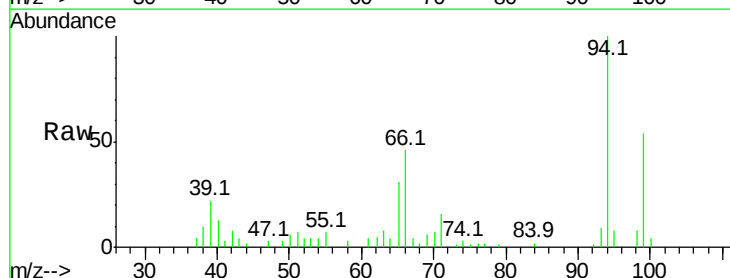
RT: 6.51 min Scan# 387

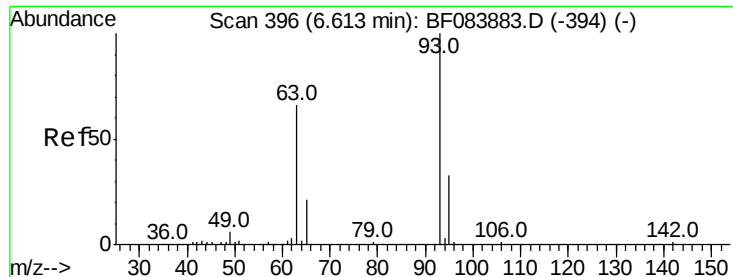
Delta R.T. -0.01 min

Lab File: BF083917.D

Acq: 18 Dec 2015 17:12

Tgt Ion:	94	Resp:	29339
Ion	Ratio	Lower	Upper
94	100		
65	31.2	12.9	52.9
66	46.4	32.7	72.7





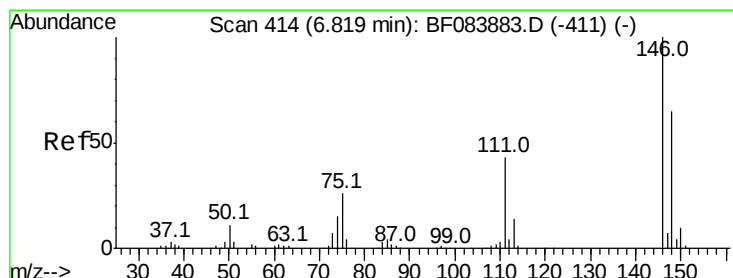
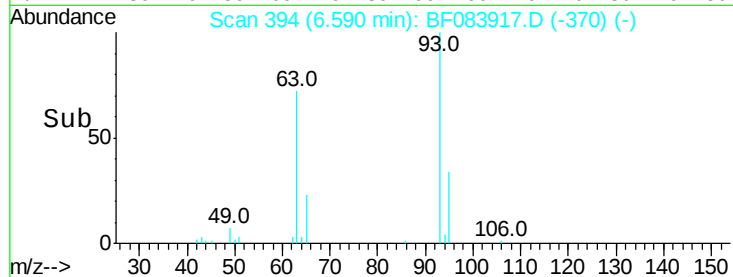
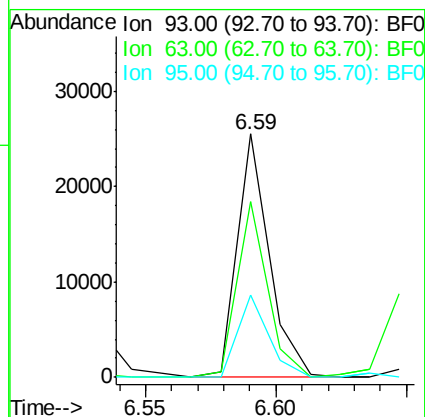
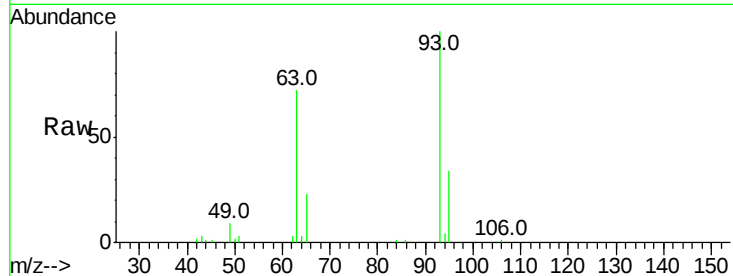
#11
bis(2-Chloroethyl)ether
Concen: 4.73 ng
RT: 6.59 min Scan# 394
Delta R.T. -0.02 min
Lab File: BF083917.D
Acq: 18 Dec 2015 17:12

Instrument :
BNA_F
ClientSampleId :
PB87351BS

Tot Ion	Ratio	Lower	Upper
93	100		
63	72.4	45.9	85.9
95	33.6	12.3	52.3

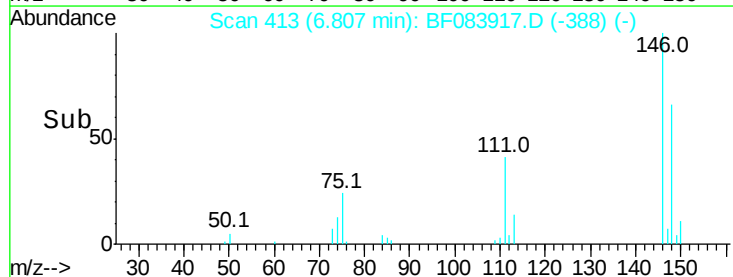
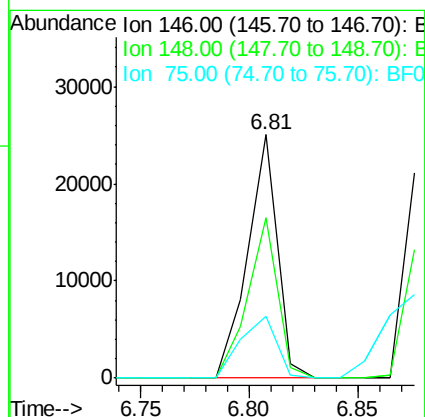
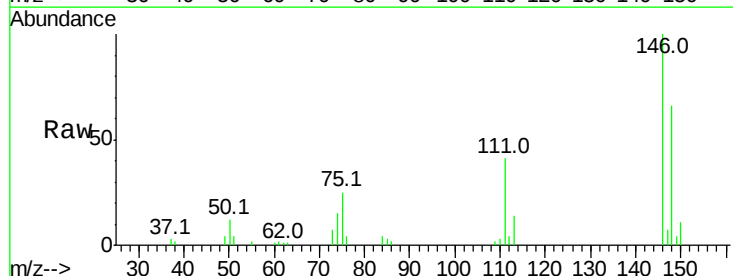
Manual Integrations
APPROVED

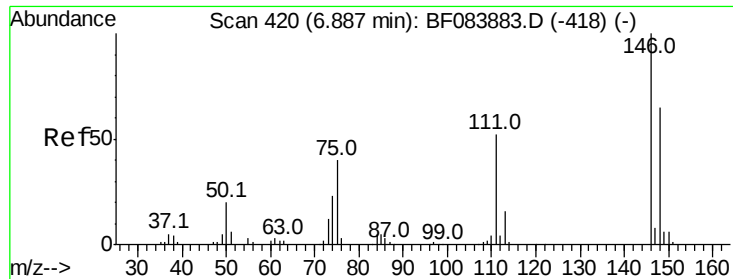
apatel
12/22/2015 11:51:04 AM



#12
1,3-Dichlorobenzene
Concen: 4.16 ng
RT: 6.81 min Scan# 413
Delta R.T. -0.01 min
Lab File: BF083917.D
Acq: 18 Dec 2015 17:12

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.9	51.9	77.9
75	25.3	20.5	30.7





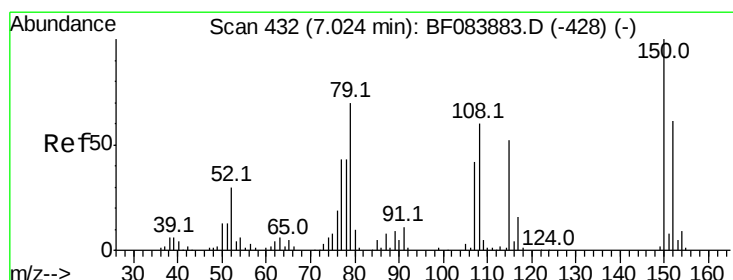
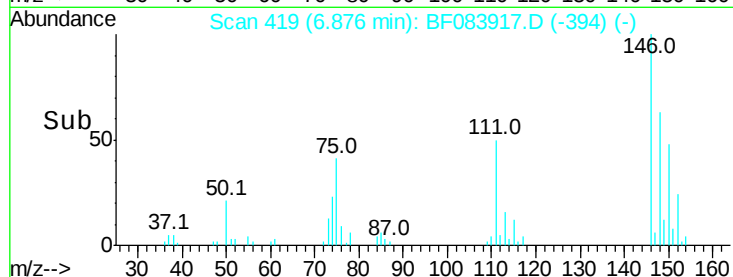
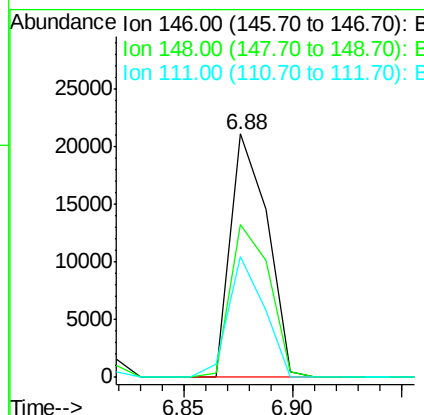
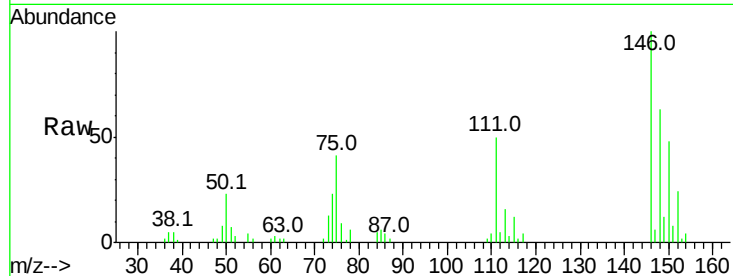
#13
 1,4-Dichlorobenzene
 Concen: 4.25 ng
 RT: 6.88 min Scan# 419
 Delta R.T. -0.01 min
 Lab File: BF083917.D
 Acq: 18 Dec 2015 17:12

Instrument :
 BNA_F
 ClientSampleId :
 PB87351BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	62.9	51.9	77.9
111	49.8	41.6	62.4

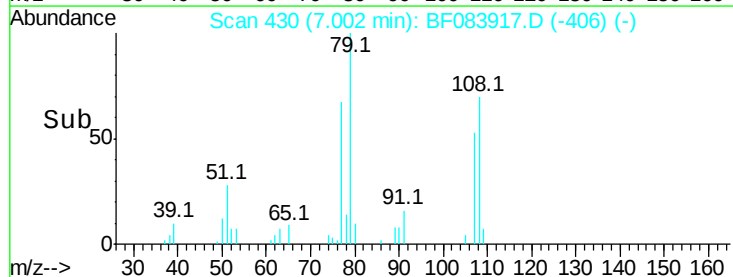
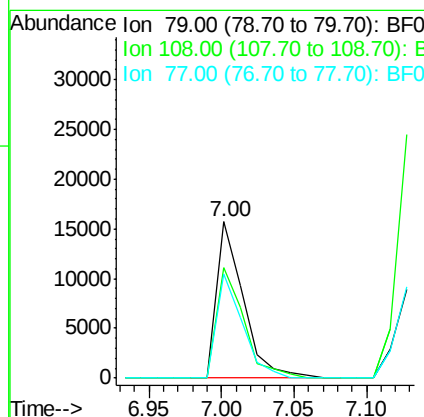
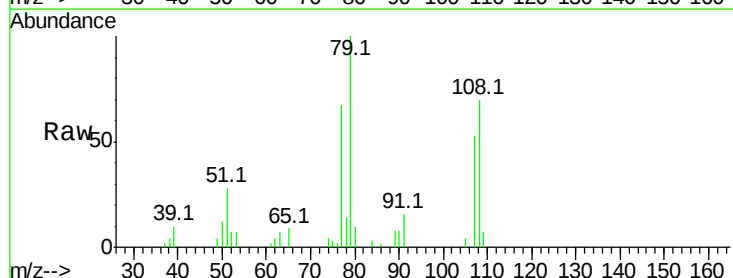
Manual Integrations
 APPROVED

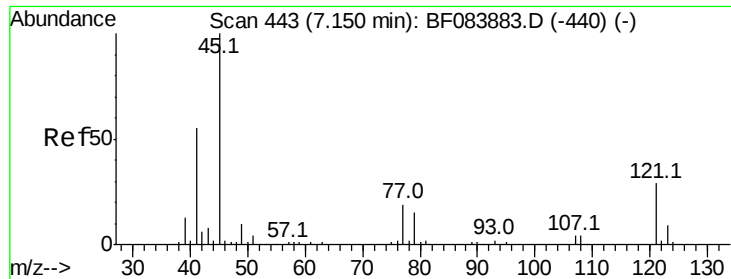
apatel
 12/22/2015 11:51:04 AM



#15
 Benzyl Alcohol
 Concen: 4.81 ng
 RT: 7.00 min Scan# 430
 Delta R.T. -0.02 min
 Lab File: BF083917.D
 Acq: 18 Dec 2015 17:12

Tgt Ion	Ratio	Lower	Upper
79	100		
108	70.4	69.0	103.4
77	66.5	50.0	75.0





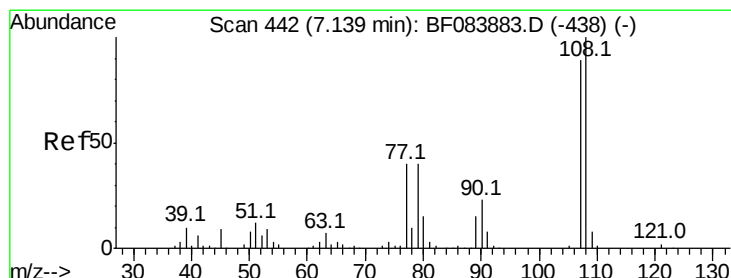
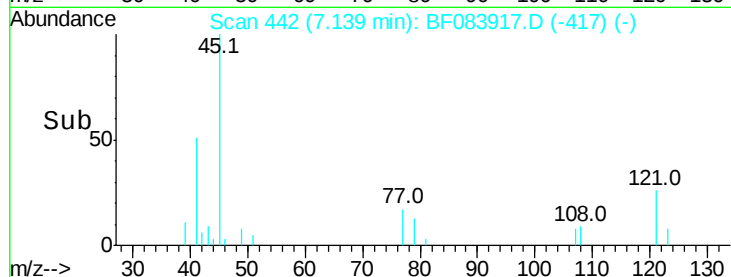
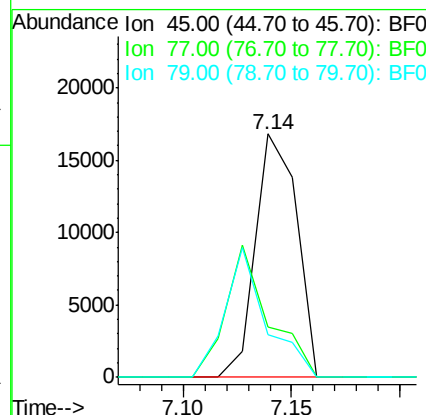
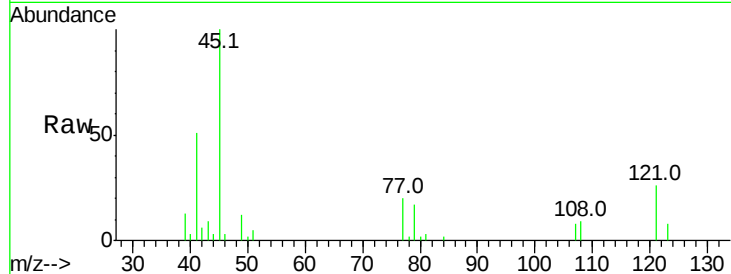
#16
2,2'-oxvbis(1-Chloropropane)
Concen: 4.65 ng
RT: 7.14 min Scan# 442
Delta R.T. -0.01 min
Lab File: BF083917.D
Acq: 18 Dec 2015 17:12

Instrument :
BNA_F
ClientSampleId :
PB87351BS

Tot Ion	Ratio	Lower	Upper
45	100		
77	20.4	0.0	39.6
79	17.5	0.0	35.0

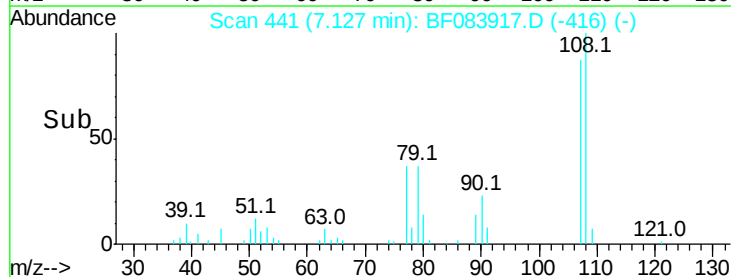
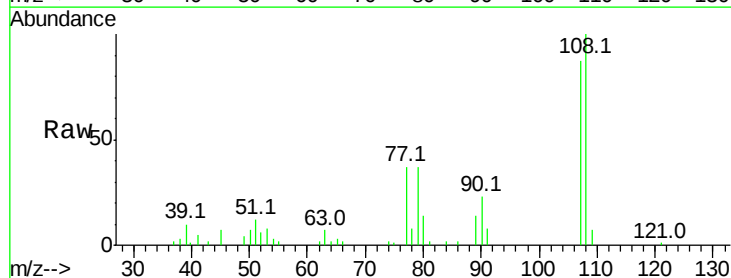
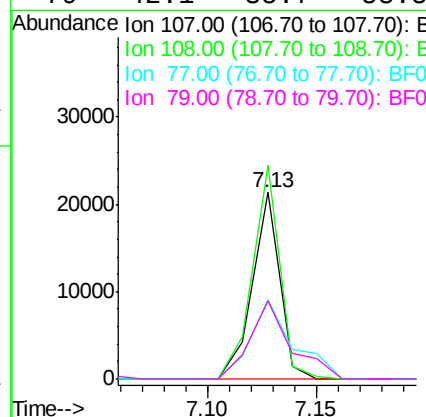
Manual Integrations
APPROVED

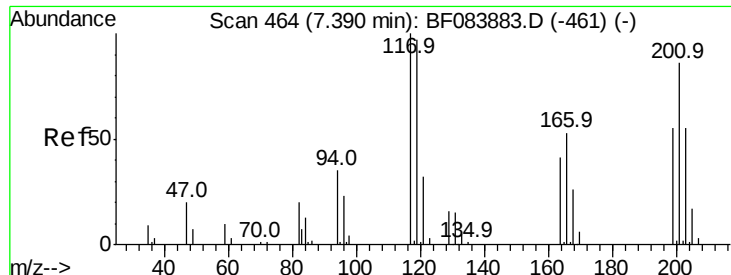
apatel
12/22/2015 11:51:04 AM



#17
2-Methylphenol
Concen: 4.44 ng
RT: 7.13 min Scan# 441
Delta R.T. -0.01 min
Lab File: BF083917.D
Acq: 18 Dec 2015 17:12

Tgt Ion	Ratio	Lower	Upper
107	100		
108	114.6	89.8	134.6
77	42.8	35.7	53.5
79	42.1	35.7	53.5





#18

Hexachloroethane

Concen: 4.66 ng

RT: 7.38 min Scan# 463

Delta R.T. -0.01 min

Lab File: BF083917.D

Acq: 18 Dec 2015 17:12

Instrument :

BNA_F

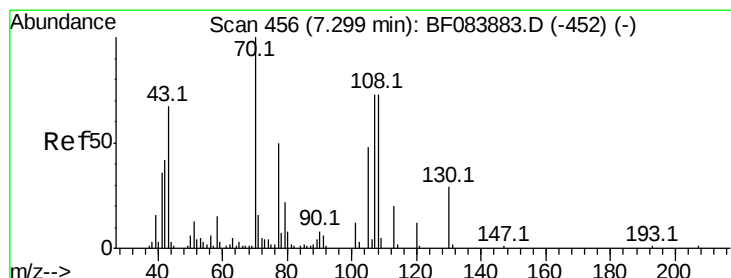
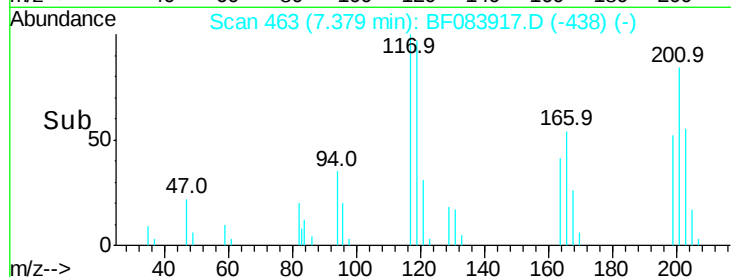
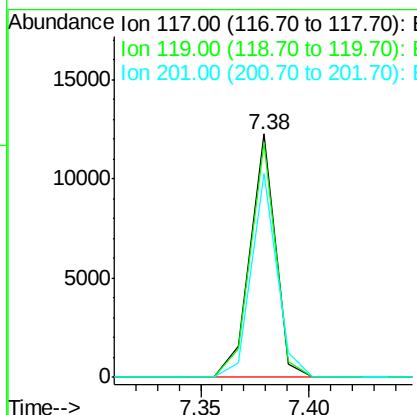
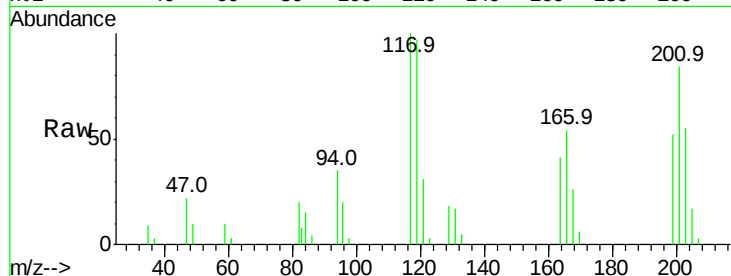
ClientSampleId :

PB87351BS

Tot Ion:	117	Resp:	9983
Ion Ratio	Lower	Upper	
117	100		
119	96.6	77.4	116.0
201	83.6	68.6	103.0

Manual Integrations
APPROVED

apatel
12/22/2015 11:51:04 AM



#19

n-Nitroso-di-n-propylamine

Concen: 4.65 ng

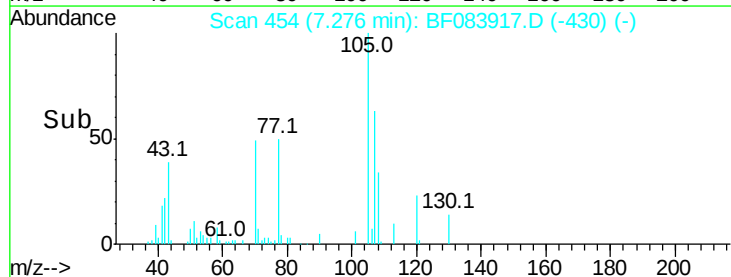
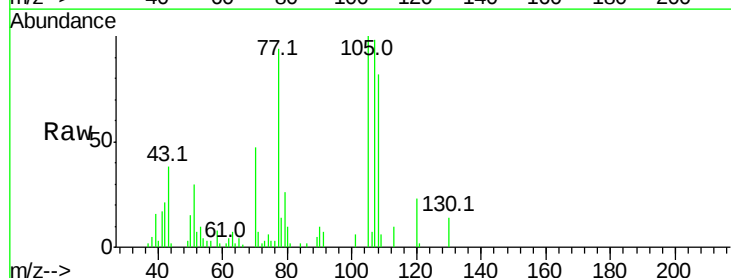
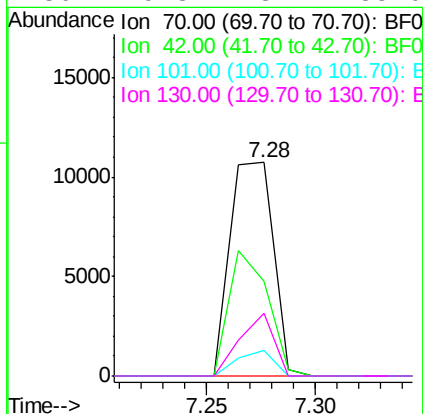
RT: 7.28 min Scan# 454

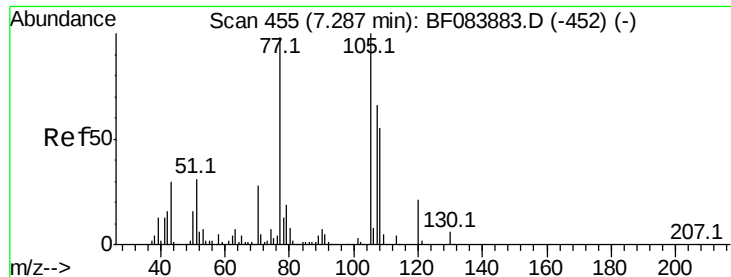
Delta R.T. -0.02 min

Lab File: BF083917.D

Acq: 18 Dec 2015 17:12

Tgt Ion:	70	Resp:	14847
Ion Ratio	Lower	Upper	
70	100		
42	44.2	33.3	49.9
101	11.8	9.3	13.9
130	29.3	23.4	35.0





#20

3+4-Methylphenols

Concen: 5.40 ng

RT: 7.28 min Scan# 454

Delta R.T. -0.01 min

Lab File: BF083917.D

Acq: 18 Dec 2015 17:12

Instrument :

BNA_F

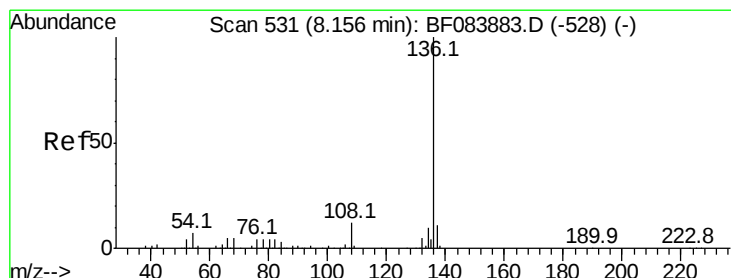
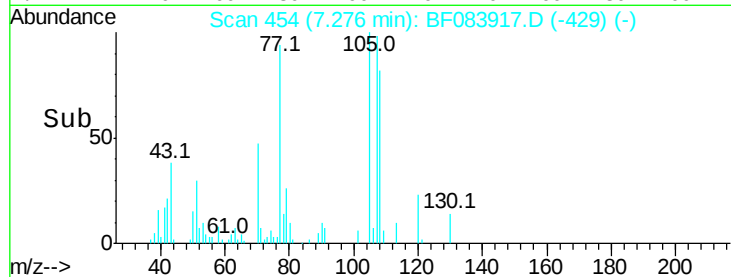
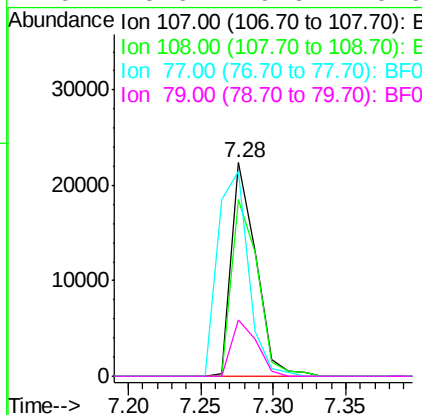
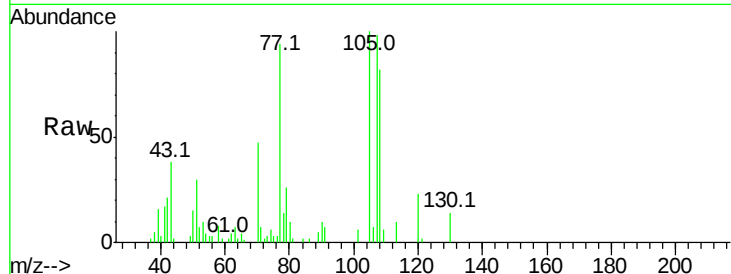
ClientSampleId :

PB87351BS

Tot Ion:	107	Resp:	26467
Ion Ratio	Lower	Upper	
107	100		
108	83.0	64.1	104.1
77	96.0	128.9	168.9#
79	26.6	9.6	49.6

Manual Integrations
APPROVED

apatel
12/22/2015 11:51:04 AM



#21

Naphthalene-d8

Concen: 20.00 ng

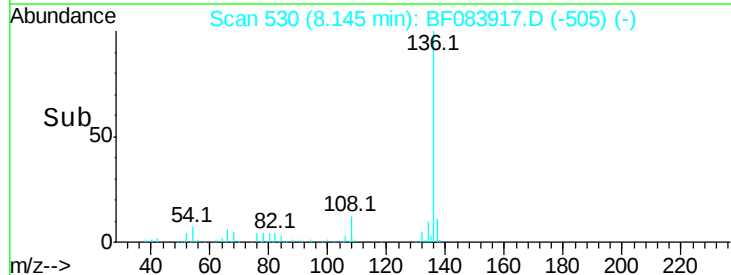
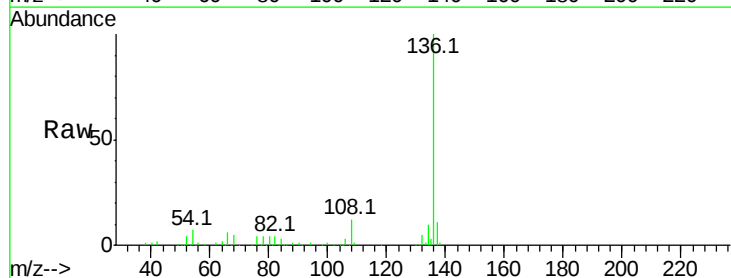
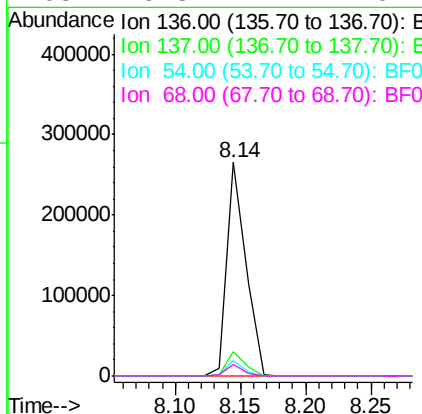
RT: 8.14 min Scan# 530

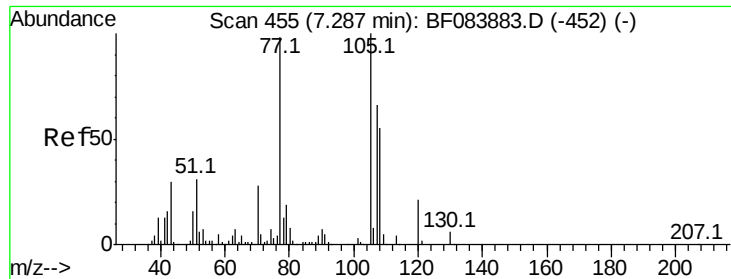
Delta R.T. -0.01 min

Lab File: BF083917.D

Acq: 18 Dec 2015 17:12

Tgt Ion:	136	Resp:	269482
Ion Ratio	Lower	Upper	
136	100		
137	11.2	8.7	13.1
54	7.5	5.8	8.8
68	5.3	4.2	6.2





#22

Acetophenone

Concen: 4.92 ng

RT: 7.28 min Scan# 454

Delta R.T. -0.01 min

Lab File: BF083917.D

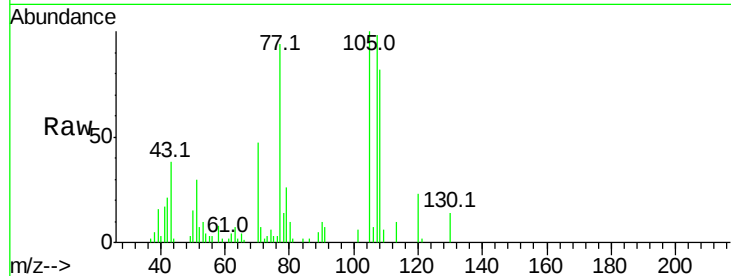
Acq: 18 Dec 2015 17:12

Instrument :

BNA_F

ClientSampleId :

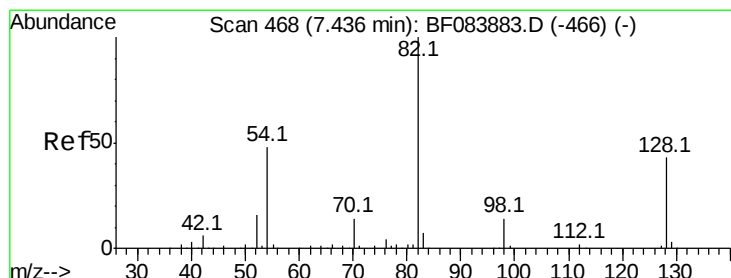
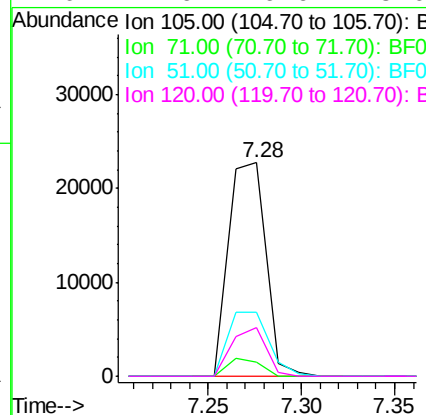
PB87351BS



Tot Ion:	105	Resp:	31947
Ion Ratio	Lower	Upper	
105	100		
71	6.8	3.7	5.5#
51	29.9	25.1	37.7
120	22.6	16.6	25.0

Manual Integrations
APPROVED

apatel
12/22/2015 11:51:04 AM



#23

Nitrobenzene-d5

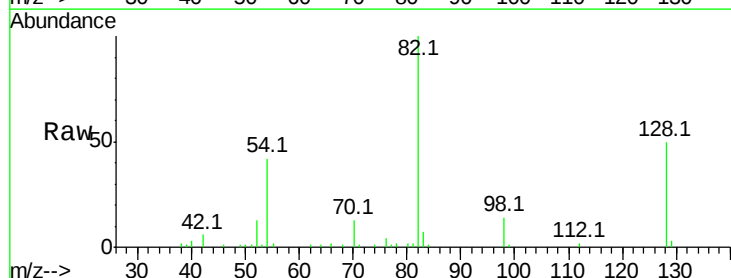
Concen: 10.21 ng

RT: 7.42 min Scan# 467

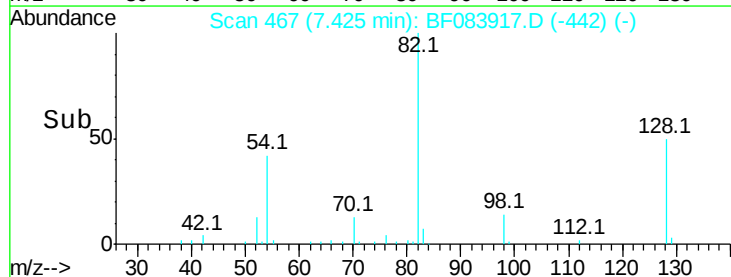
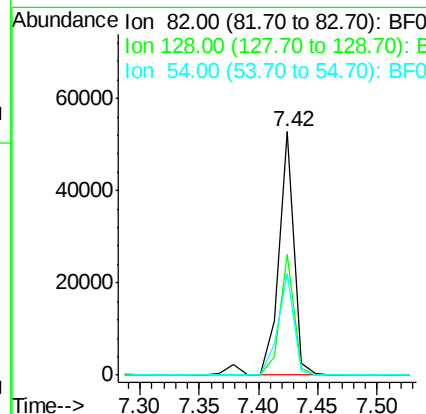
Delta R.T. -0.01 min

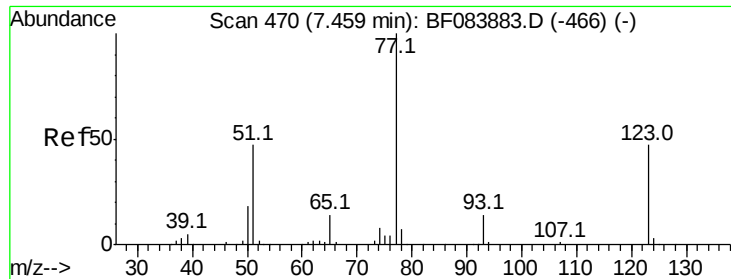
Lab File: BF083917.D

Acq: 18 Dec 2015 17:12



Tgt Ion:	82	Resp:	48193
Ion Ratio	Lower	Upper	
82	100		
128	49.5	34.6	51.8
54	41.6	38.4	57.6





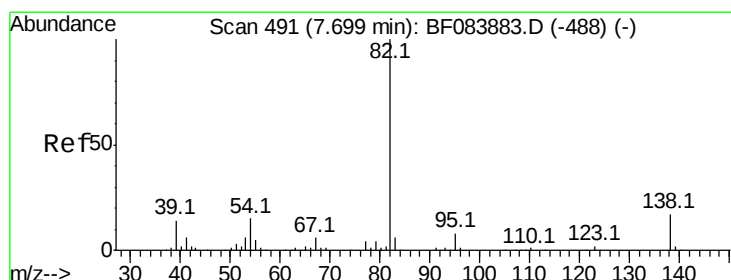
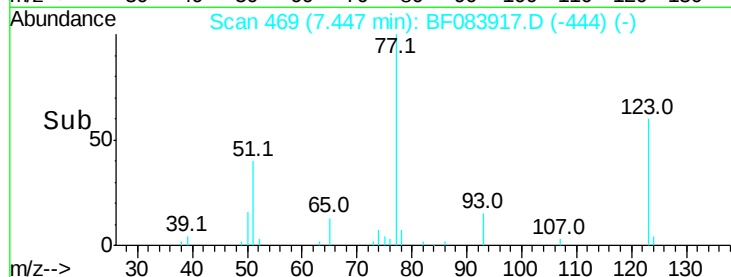
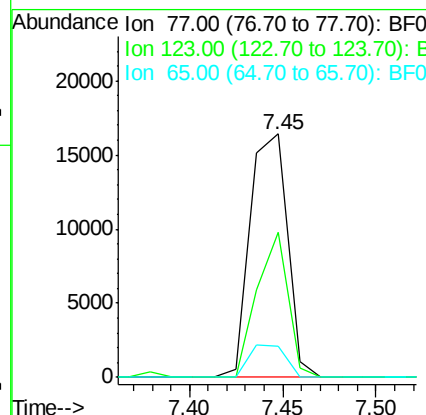
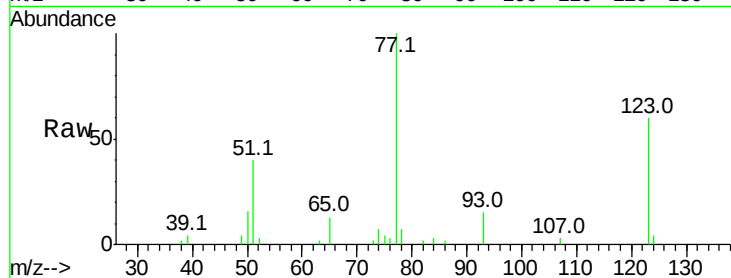
#24
 Nitrobenzene
 Concen: 4.65 ng
 RT: 7.45 min Scan# 469
 Delta R.T. -0.01 min
 Lab File: BF083917.D
 Acq: 18 Dec 2015 17:12

Instrument :
 BNA_F
 ClientSampleId :
 PB87351BS

Tot Ion	Ratio	Lower	Upper
77	100		
123	59.7	37.4	56.2#
65	12.8	10.9	16.3

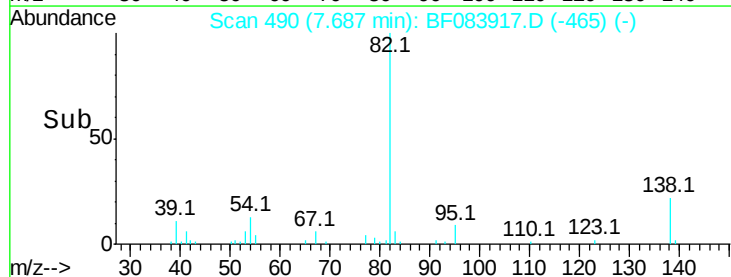
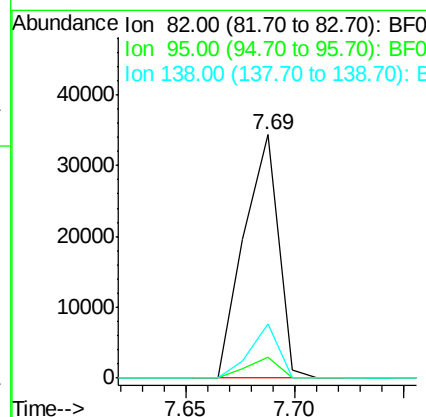
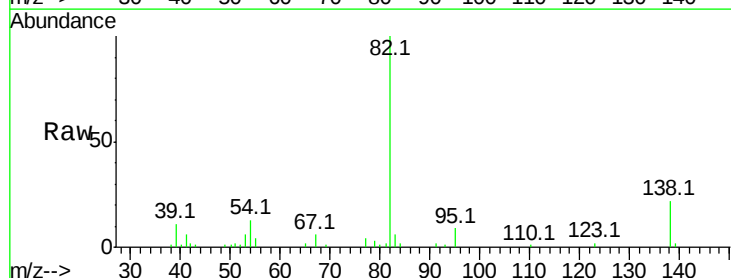
Manual Integrations
 APPROVED

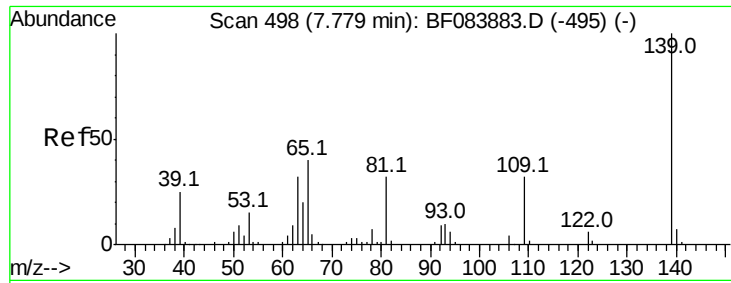
apatel
 12/22/2015 11:51:04 AM



#25
 Isophorone
 Concen: 4.26 ng
 RT: 7.69 min Scan# 490
 Delta R.T. -0.01 min
 Lab File: BF083917.D
 Acq: 18 Dec 2015 17:12

Tgt Ion	Ratio	Lower	Upper
82	100		
95	8.7	6.6	10.0
138	22.5	13.6	20.4#





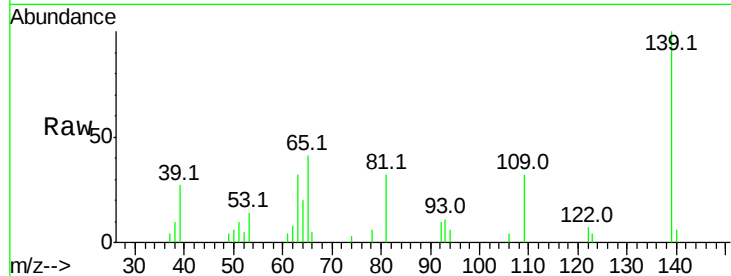
#26
2-Nitrophenol
Concen: 4.37 ng
RT: 7.77 min Scan# 497
Delta R.T. -0.01 min
Lab File: BF083917.D
Acq: 18 Dec 2015 17:12

Instrument :
BNA_F
ClientSampleId :
PB87351BS

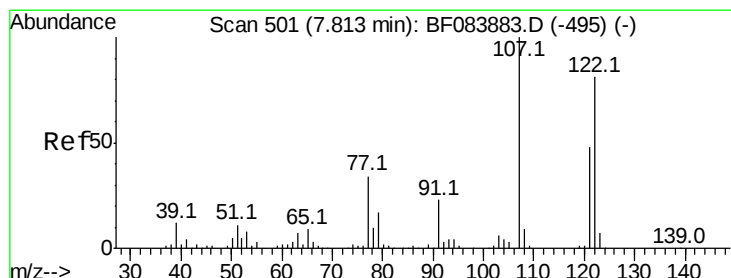
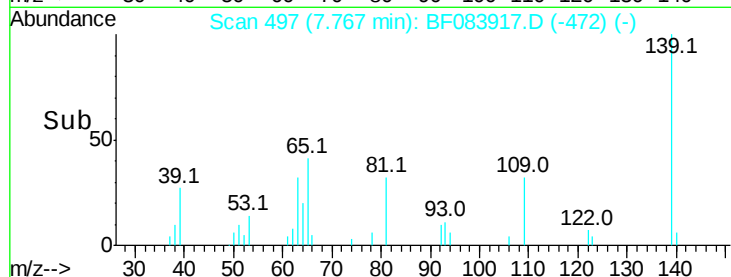
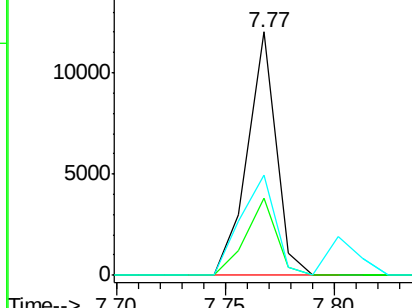
Tot Ion	Ratio	Resp	Lower	Upper
139	100			
109	31.7	25.4	38.2	
65	41.1	32.3	48.5	

Manual Integrations
APPROVED

apatel
12/22/2015 11:51:04 AM

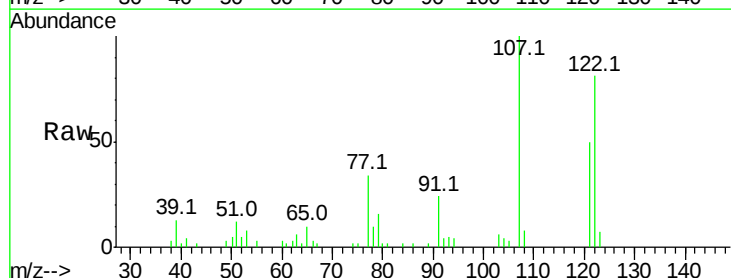


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): E

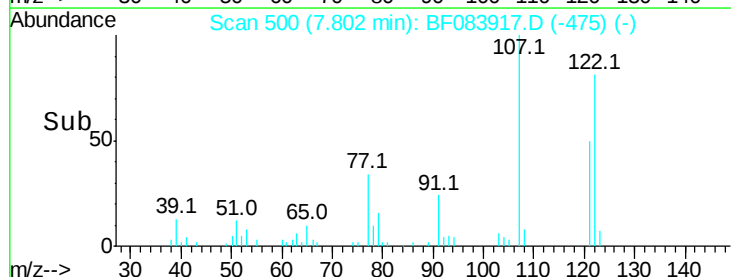
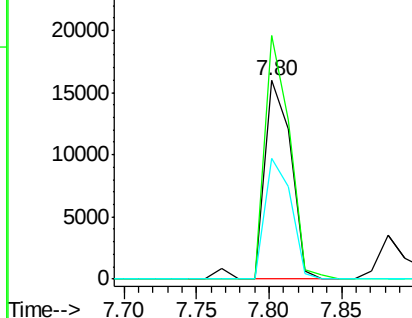


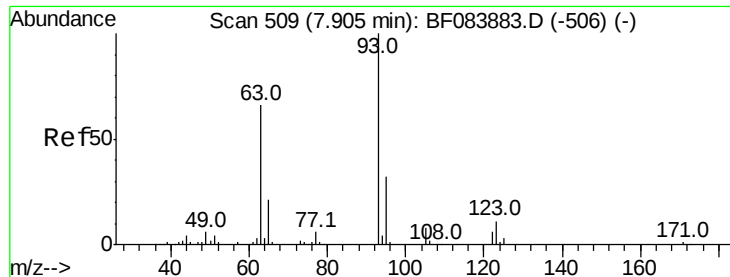
#27
2,4-Dimethylphenol
Concen: 4.65 ng
RT: 7.80 min Scan# 500
Delta R.T. -0.01 min
Lab File: BF083917.D
Acq: 18 Dec 2015 17:12

Tgt Ion	Ratio	Resp	Lower	Upper
122	100			
107	122.7	99.1	148.7	
121	60.9	47.9	71.9	



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





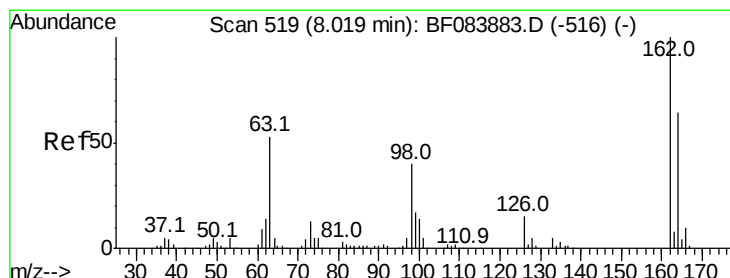
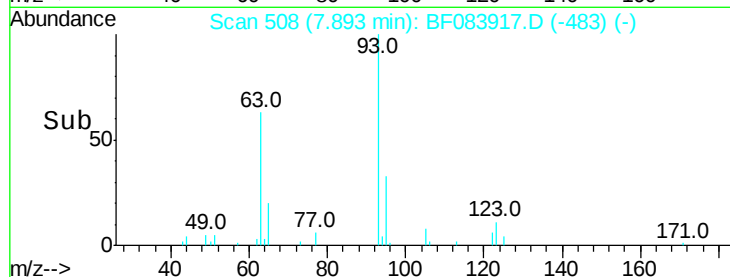
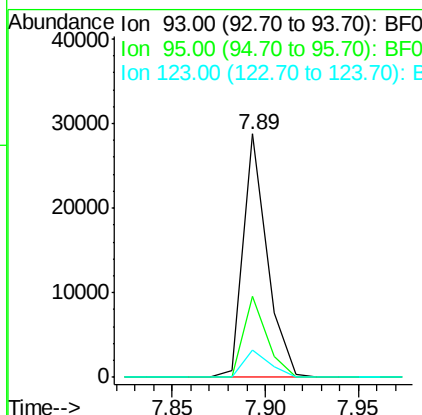
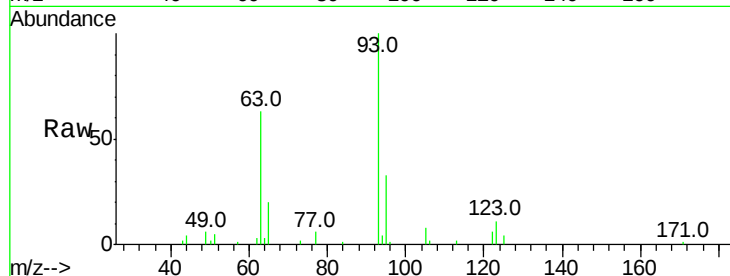
#28
bis(2-Chloroethoxy)methane
Concen: 4.90 ng
RT: 7.89 min Scan# 508
Delta R.T. -0.01 min
Lab File: BF083917.D
Acq: 18 Dec 2015 17:12

Instrument :
BNA_F
ClientSampleId :
PB87351BS

Tot Ion	Ratio	Resp	Lower	Upper
93	100			
95	33.3	25.8	38.6	
123	11.0	8.6	12.8	

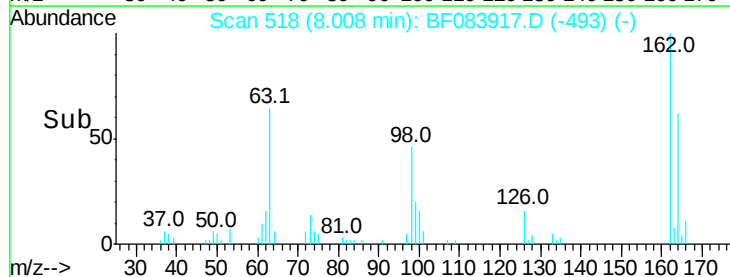
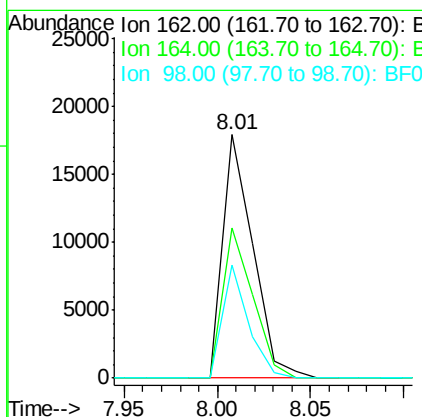
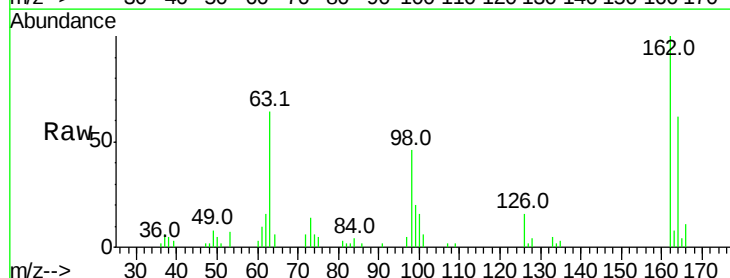
Manual Integrations
APPROVED

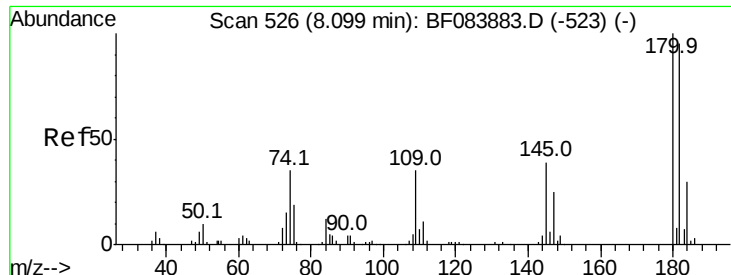
apatel
12/22/2015 11:51:04 AM



#29
2,4-Dichlorophenol
Concen: 5.14 ng
RT: 8.01 min Scan# 518
Delta R.T. -0.01 min
Lab File: BF083917.D
Acq: 18 Dec 2015 17:12

Tgt Ion	Ratio	Resp	Lower	Upper
162	100			
164	61.7	44.1	84.1	
98	46.4	20.2	60.2	





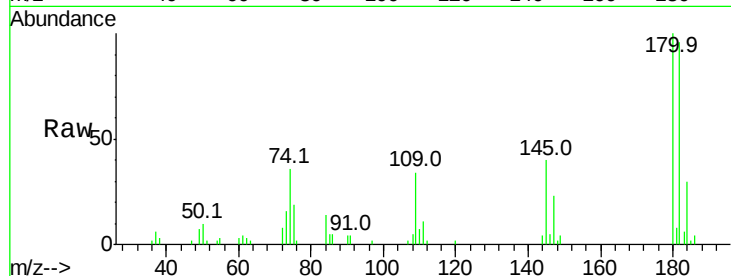
#30
 1,2,4-Trichlorobenzene
 Concen: 4.74 ng
 RT: 8.09 min Scan# 525
 Delta R.T. -0.01 min
 Lab File: BF083917.D
 Acq: 18 Dec 2015 17:12

Instrument :
 BNA_F
 ClientSampleId :
 PB87351BS

Tot Ion	Ratio	Lower	Upper
180	100		
182	96.0	76.4	114.6
145	40.1	31.6	47.4

Manual Integrations
 APPROVED

apatel
 12/22/2015 11:51:04 AM

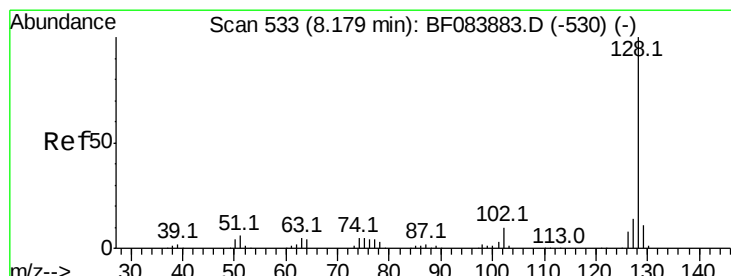
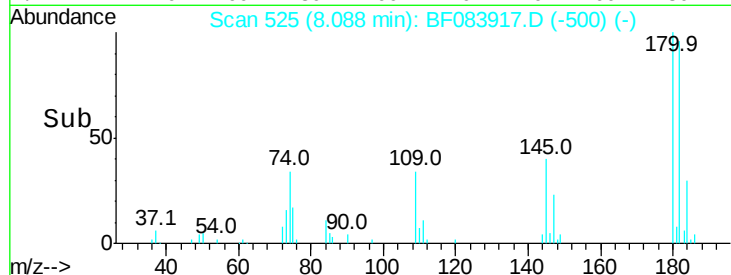
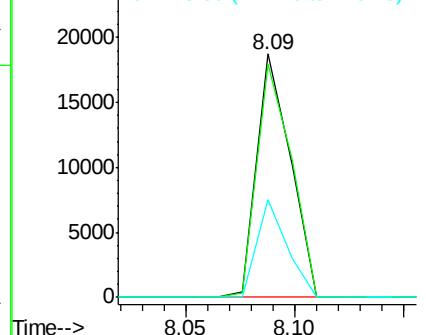


Abundance

Ion 180.00 (179.70 to 180.70): E

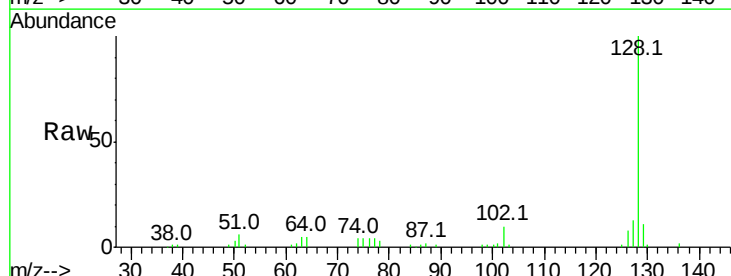
Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E



#31
 Naphthalene
 Concen: 3.49 ng
 RT: 8.17 min Scan# 532
 Delta R.T. -0.01 min
 Lab File: BF083917.D
 Acq: 18 Dec 2015 17:12

Tgt Ion	Ratio	Lower	Upper
128	100		
129	10.9	9.1	13.7
127	12.9	11.1	16.7

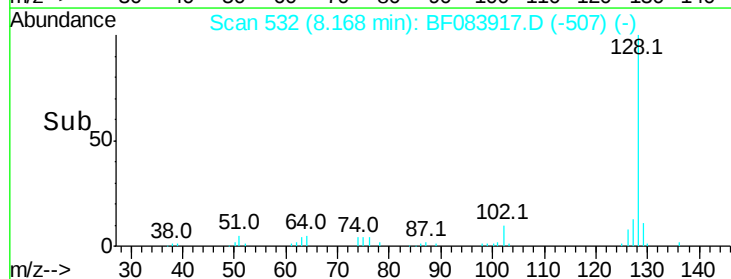
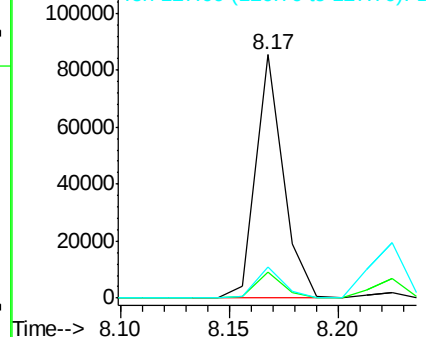


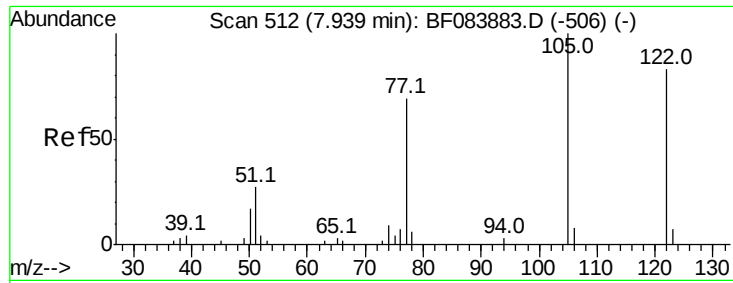
Abundance

Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E





#32

Benzoic acid

Concen: 6.63 ng

RT: 7.88 min Scan# 507

Delta R.T. -0.06 min

Lab File: BF083917.D

Acq: 18 Dec 2015 17:12

Instrument :

BNA_F

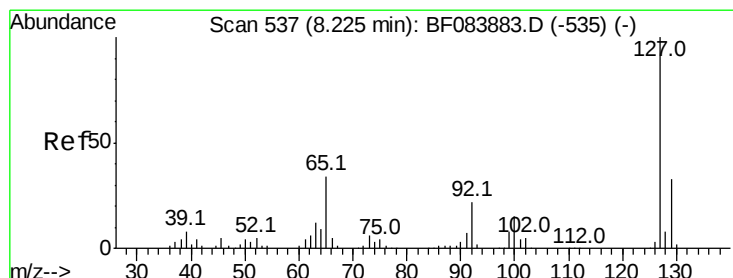
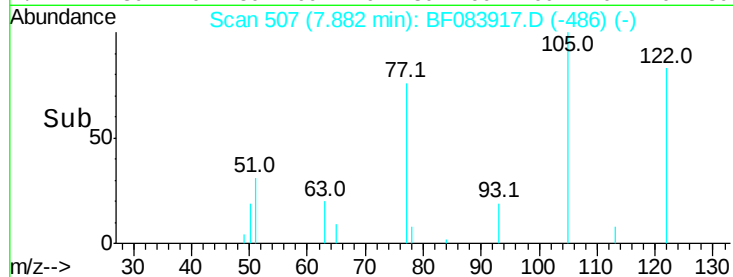
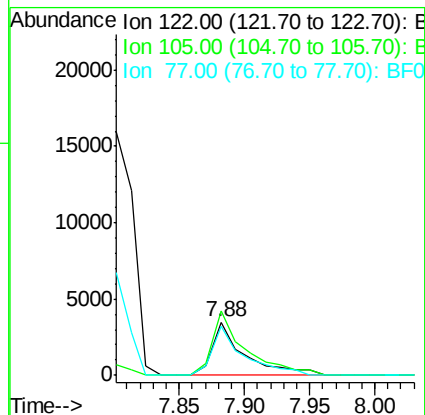
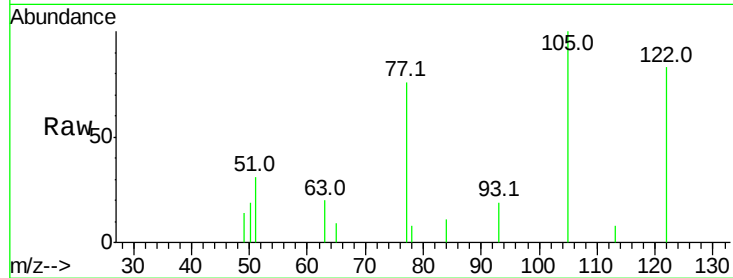
ClientSampleId :

PB87351BS

Tot Ion:	122	Resp:	6043
Ion Ratio	Lower	Upper	
122	100		
105	120.3	100.3	140.3
77	91.2	63.5	103.5

Manual Integrations
APPROVED

apatel
12/22/2015 11:51:04 AM



#33

4-Chloroaniline

Concen: 3.71 ng

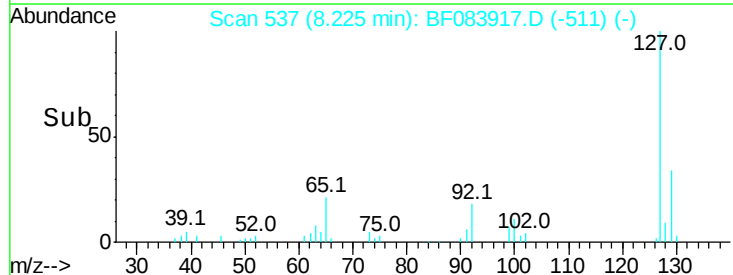
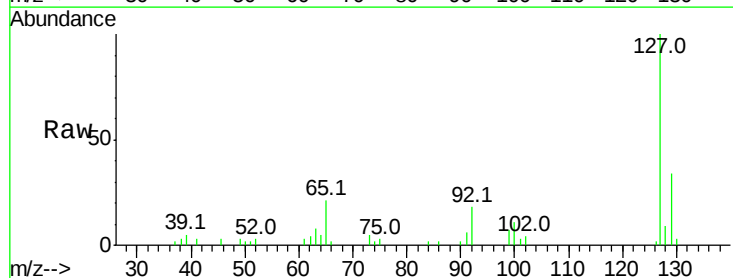
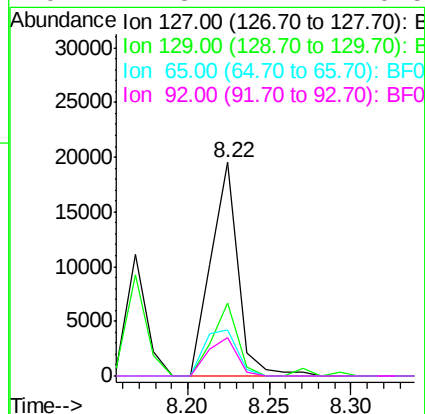
RT: 8.22 min Scan# 537

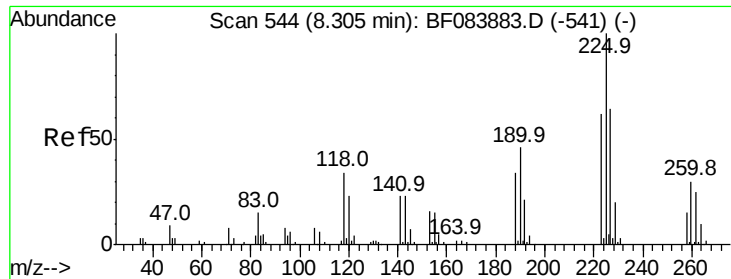
Delta R.T. 0.00 min

Lab File: BF083917.D

Acq: 18 Dec 2015 17:12

Tgt Ion:	127	Resp:	22714
Ion Ratio	Lower	Upper	
127	100		
129	34.2	26.5	39.7
65	21.4	27.2	40.8#
92	17.8	17.7	26.5





#34

Hexachlorobutadiene

Concen: 4.53 ng

RT: 8.29 min Scan# 543

Delta R.T. -0.01 min

Lab File: BF083917.D

Acq: 18 Dec 2015 17:12

Instrument :

BNA_F

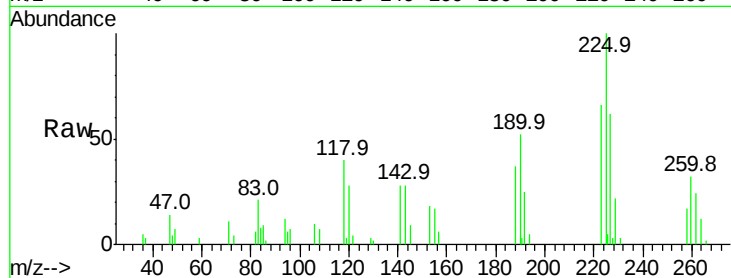
ClientSampleId :

PB87351BS

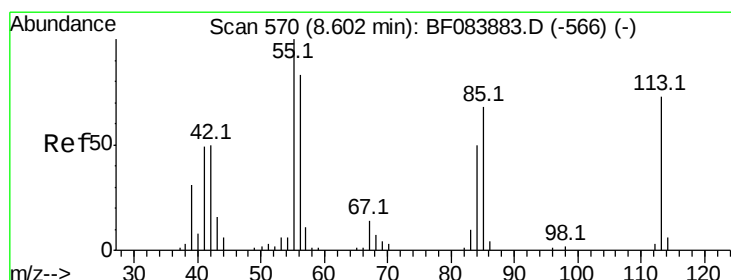
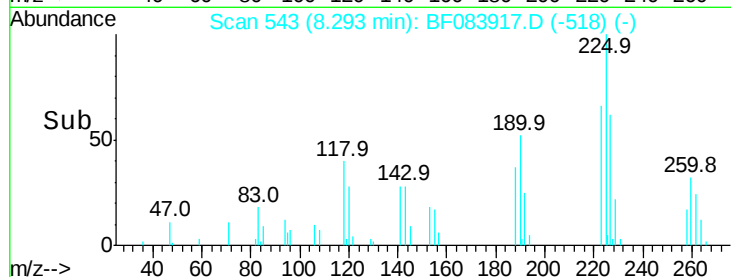
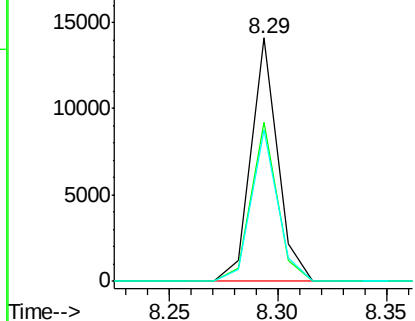
Tot Ion:	225	Resp:	11997
Ion Ratio	Lower	Upper	
225	100		
223	65.5	49.4	74.0
227	65.4	50.8	76.2

Manual Integrations
APPROVED

apatel
12/22/2015 11:51:04 AM



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E



#35

Caprolactam

Concen: 4.42 ng

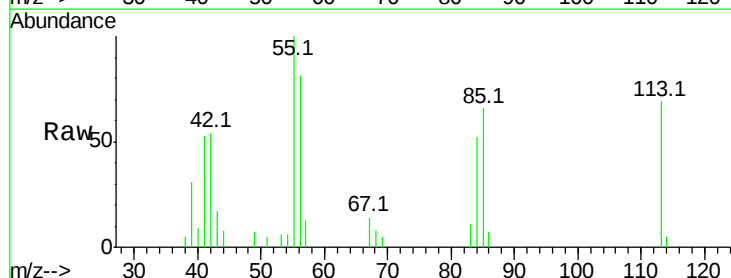
RT: 8.54 min Scan# 565

Delta R.T. -0.06 min

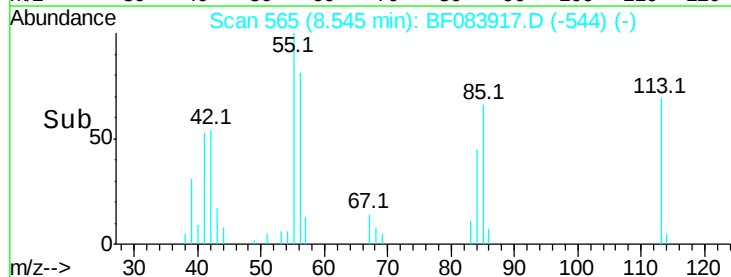
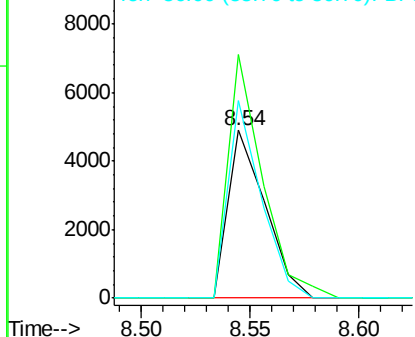
Lab File: BF083917.D

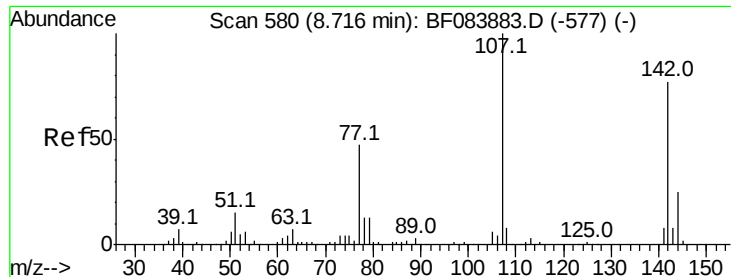
Acq: 18 Dec 2015 17:12

Tgt Ion:	113	Resp:	5769
Ion Ratio	Lower	Upper	
113	100		
55	145.3	116.9	156.9
56	118.0	93.8	133.8



Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BF0
Ion 56.00 (55.70 to 56.70): BF0





#36

4-Chloro-3-methylphenol

Concen: 3.63 ng

RT: 8.70 min Scan# 579

Delta R.T. -0.01 min

Lab File: BF083917.D

Acq: 18 Dec 2015 17:12

Instrument :

BNA_F

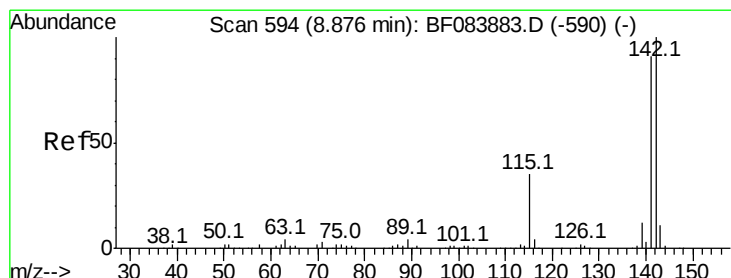
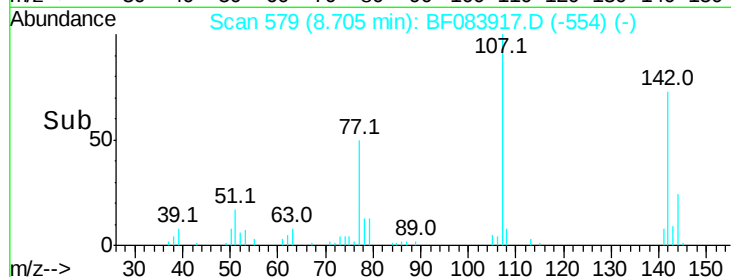
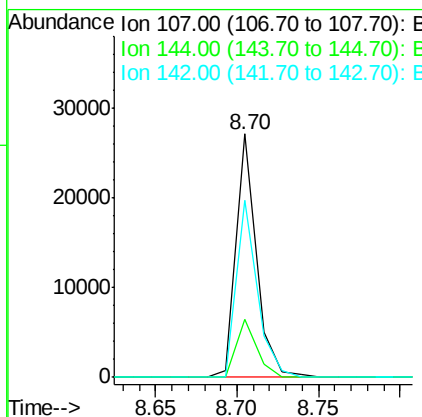
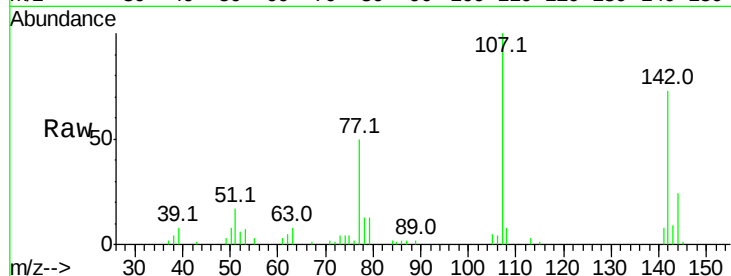
ClientSampleId :

PB87351BS

Tot Ion:	107	Resp:	23398
Ion Ratio	Lower	Upper	
107	100		
144	24.1	19.7	29.5
142	73.0	61.8	92.6

Manual Integrations
APPROVED

apatel
12/22/2015 11:51:04 AM



#37

2-Methylnaphthalene

Concen: 4.89 ng

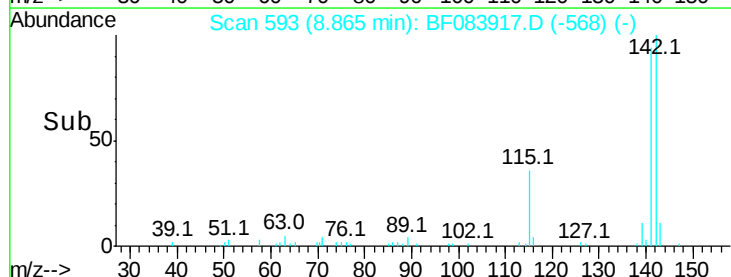
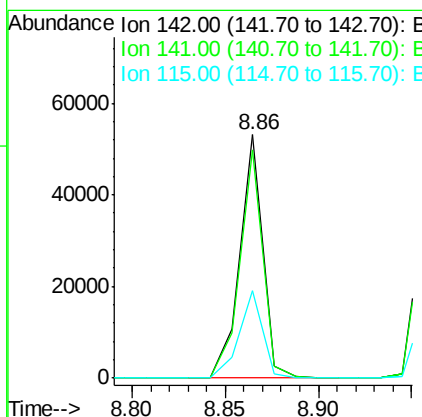
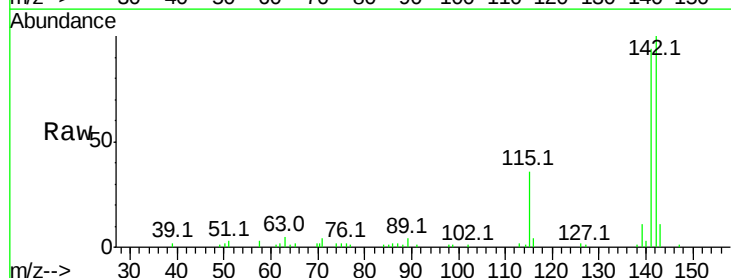
RT: 8.86 min Scan# 593

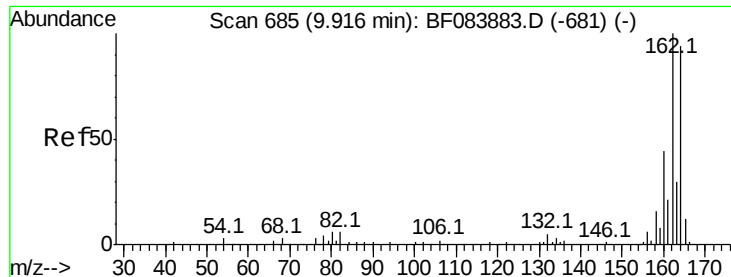
Delta R.T. -0.01 min

Lab File: BF083917.D

Acq: 18 Dec 2015 17:12

Tgt Ion:	142	Resp:	45771
Ion Ratio	Lower	Upper	
142	100		
141	93.7	72.4	108.6
115	35.8	27.9	41.9





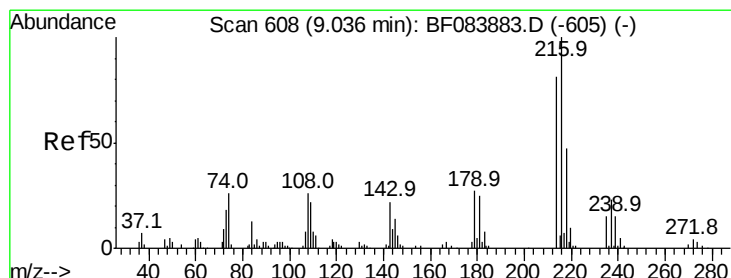
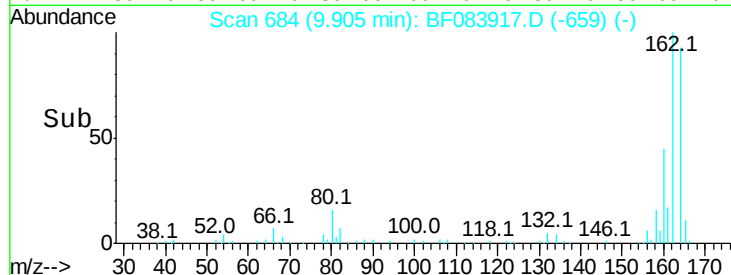
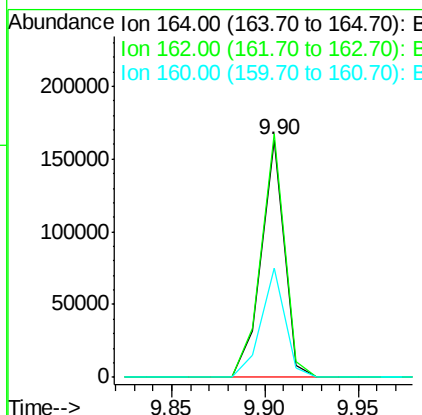
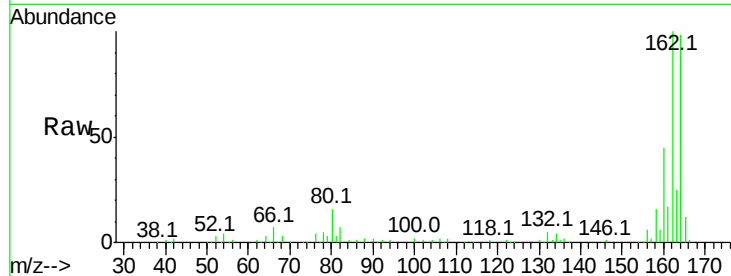
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.90 min Scan# 684
Delta R.T. -0.01 min
Lab File: BF083917.D
Acq: 18 Dec 2015 17:12

Instrument :
BNA_F
ClientSampleId :
PB87351BS

Tot Ion	Ratio	Resp	Lower	Upper
164	100			
162	102.5	85.1	127.7	
160	46.0	37.5	56.3	

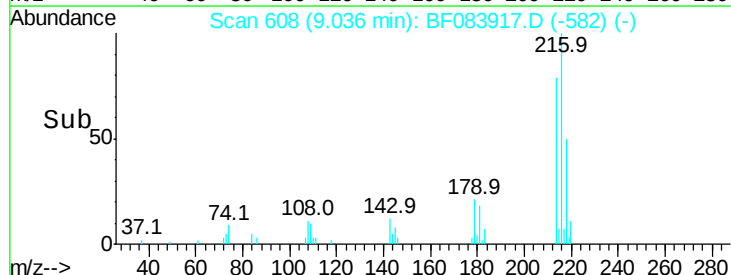
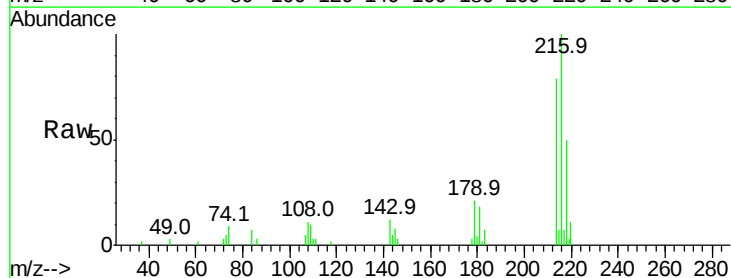
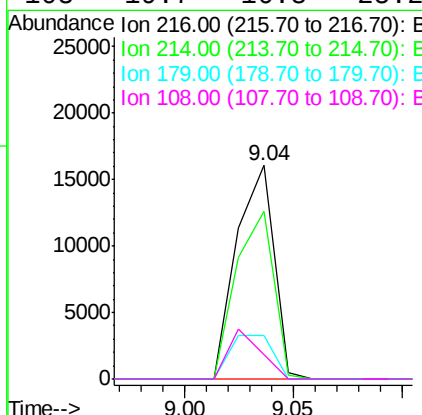
Manual Integrations
APPROVED

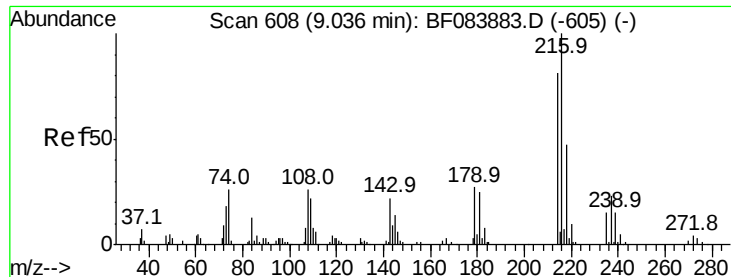
apatel
12/22/2015 11:51:04 AM



#39
1,2,4,5-Tetrachlorobenzene
Concen: 4.34 ng
RT: 9.04 min Scan# 608
Delta R.T. 0.00 min
Lab File: BF083917.D
Acq: 18 Dec 2015 17:12

Tgt Ion	Ratio	Resp	Lower	Upper
216	100			
214	79.4	64.2	96.2	
179	23.5	18.7	28.1	
108	19.7	16.8	25.2	





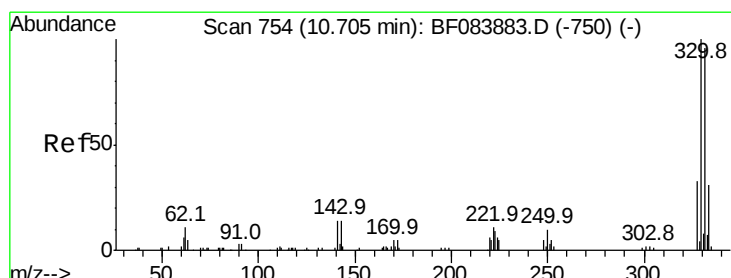
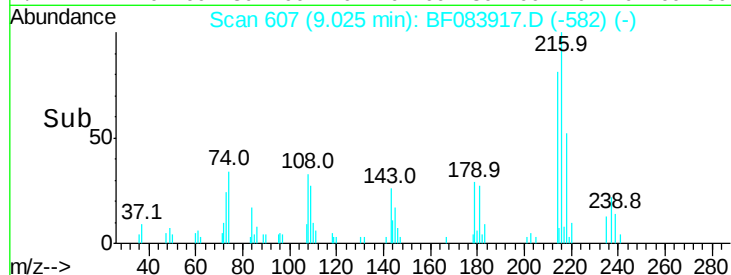
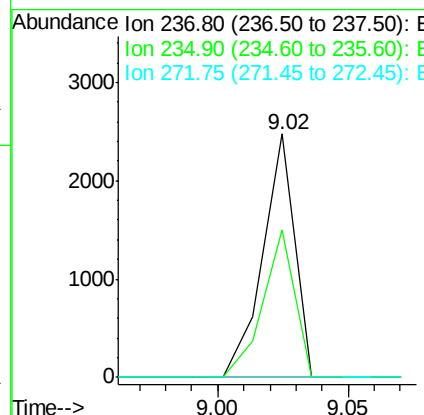
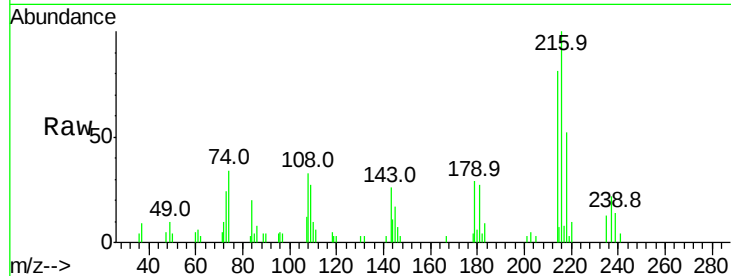
#40
Hexachlorocyclopentadiene
Concen: 10.34 ng
RT: 9.02 min Scan# 607
Delta R.T. -0.01 min
Lab File: BF083917.D
Acq: 18 Dec 2015 17:12

Instrument :
BNA_F
ClientSampleId :
PB87351BS

Tot Ion	Ratio	Resp	Lower	Upper
237	100	2123		
235	60.7	43.1	83.1	
272	0.0	0.0	35.1	

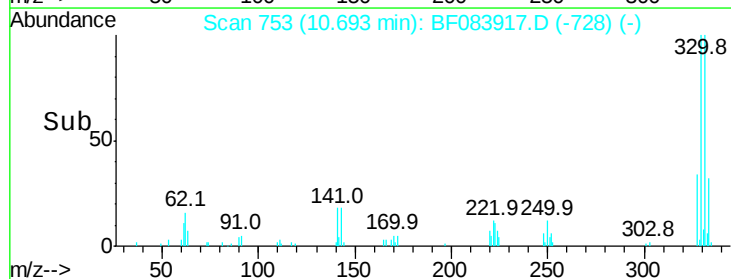
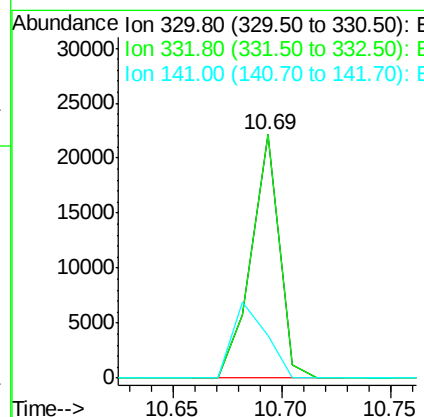
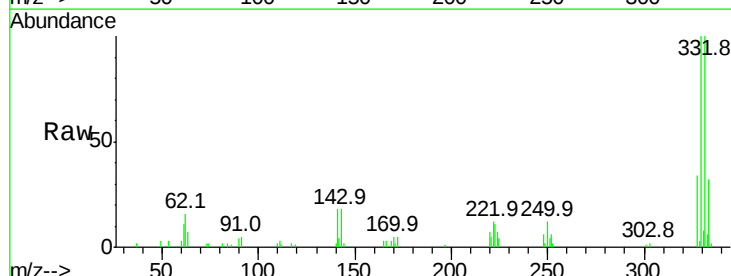
Manual Integrations
APPROVED

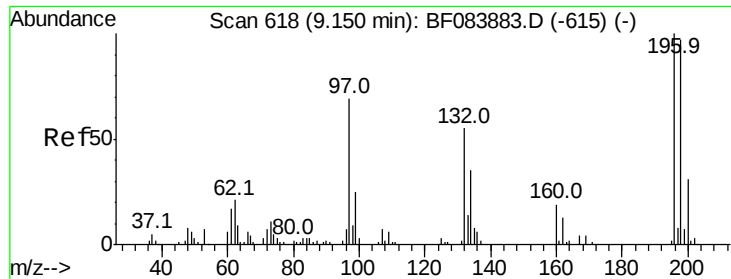
apatel
12/22/2015 11:51:04 AM



#41
2,4,6-Tribromophenol
Concen: 12.96 ng
RT: 10.69 min Scan# 753
Delta R.T. -0.01 min
Lab File: BF083917.D
Acq: 18 Dec 2015 17:12

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	19947		
332	99.8	76.6	114.8	
141	37.4	27.8	41.6	





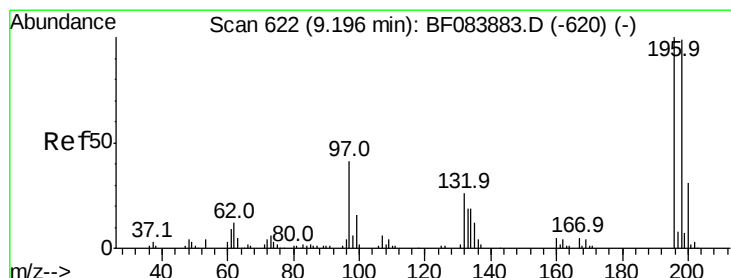
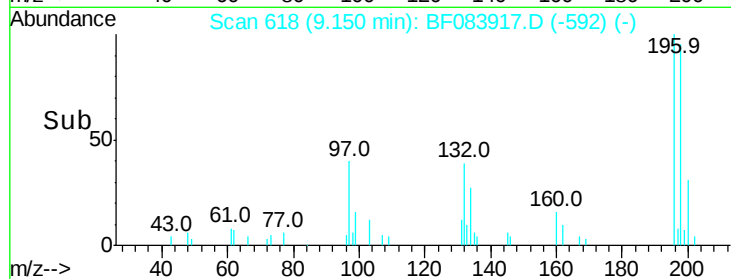
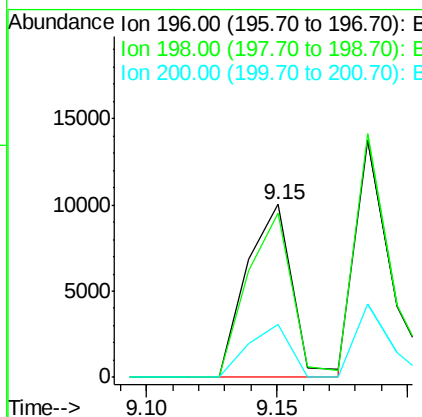
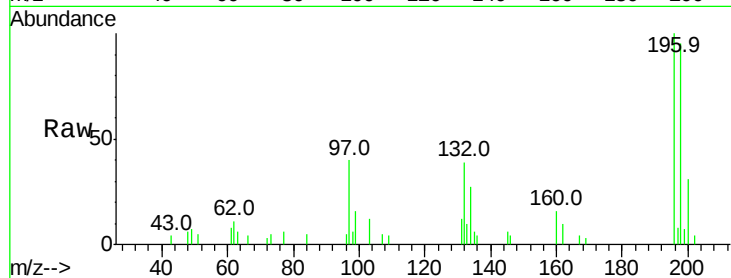
#42
 2,4,6-Trichlorophenol
 Concen: 4.21 ng
 RT: 9.15 min Scan# 618
 Delta R.T. 0.00 min
 Lab File: BF083917.D
 Acq: 18 Dec 2015 17:12

Instrument :
 BNA_F
 ClientSampleId :
 PB87351BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	12255		
198	95.4	77.7	116.5	
200	30.6	24.6	37.0	

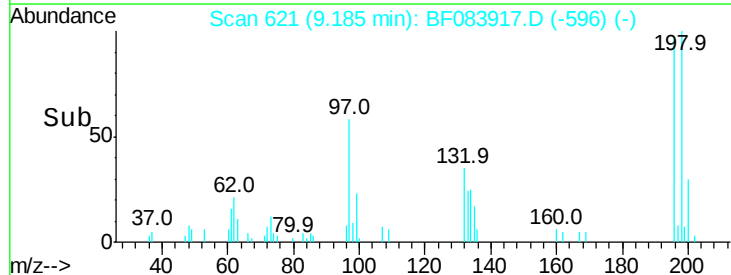
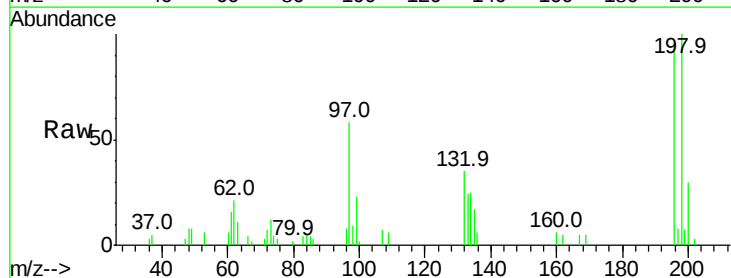
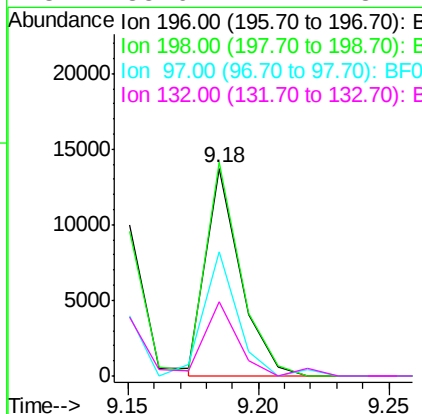
Manual Integrations
 APPROVED

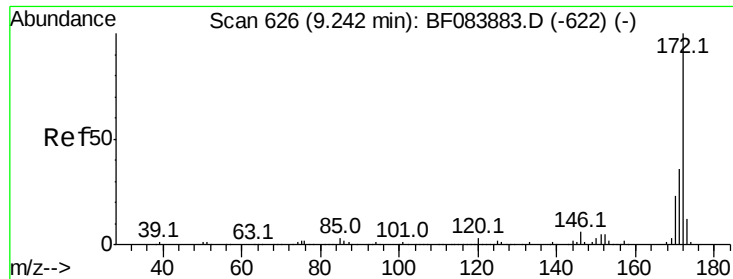
apatel
 12/22/2015 11:51:04 AM



#43
 2,4,5-Trichlorophenol
 Concen: 4.38 ng
 RT: 9.18 min Scan# 621
 Delta R.T. -0.01 min
 Lab File: BF083917.D
 Acq: 18 Dec 2015 17:12

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	12597		
198	102.8	79.0	118.6	
97	59.5	33.0	49.6#	
132	35.6	21.1	31.7#	





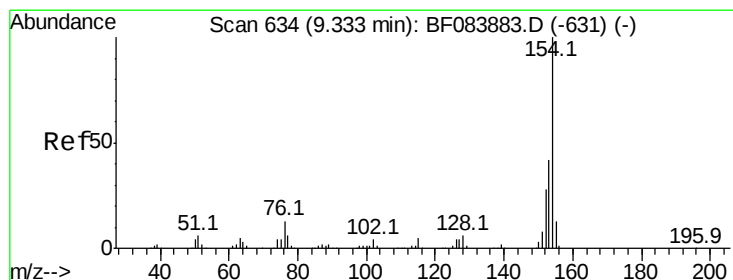
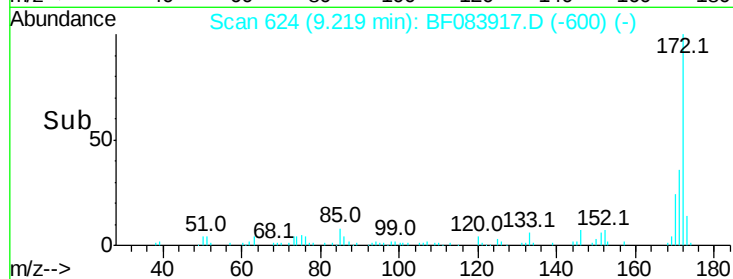
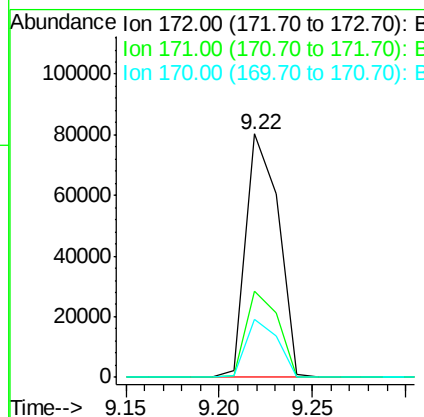
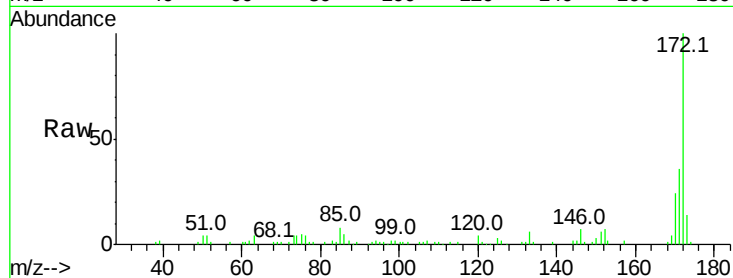
#44
 2-Fluorobiphenyl
 Concen: 8.03 ng
 RT: 9.22 min Scan# 624
 Delta R.T. -0.02 min
 Lab File: BF083917.D
 Acq: 18 Dec 2015 17:12

Instrument :
 BNA_F
 ClientSampleId :
 PB87351BS

Tot Ion	Ratio	Resp	Lower	Upper
172	100			
171	35.6	28.9	43.3	
170	23.6	18.6	27.8	

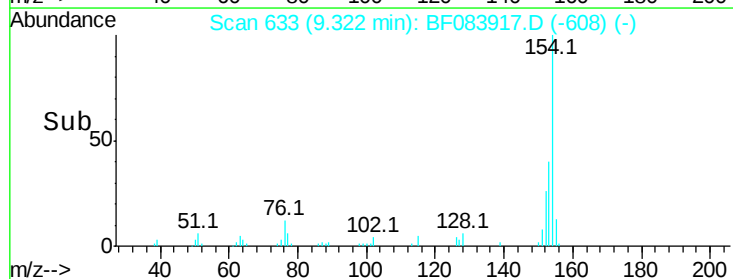
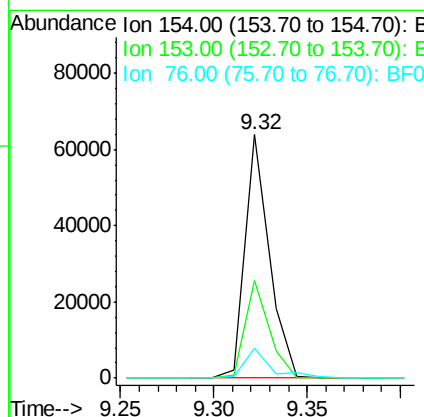
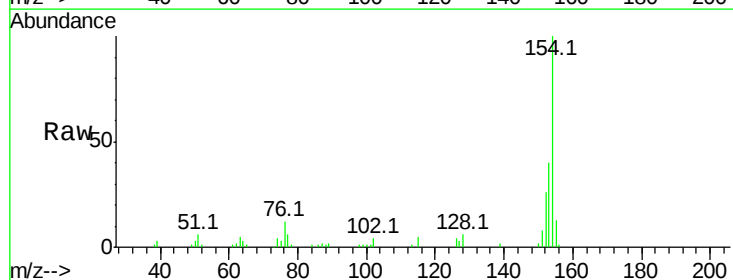
Manual Integrations
 APPROVED

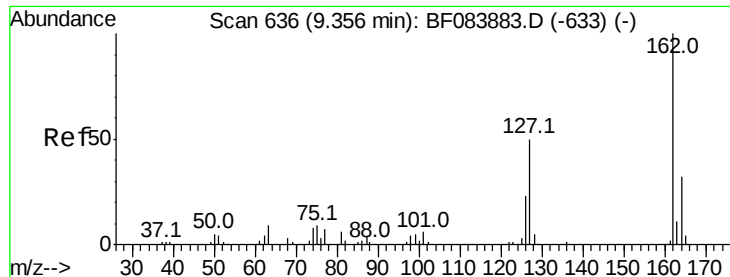
apatel
 12/22/2015 11:51:04 AM



#45
 1,1'-Biphenyl
 Concen: 3.42 ng
 RT: 9.32 min Scan# 633
 Delta R.T. -0.01 min
 Lab File: BF083917.D
 Acq: 18 Dec 2015 17:12

Tgt Ion	Ratio	Resp	Lower	Upper
154	100			
153	40.3	21.6	61.6	
76	12.3	0.0	32.7	





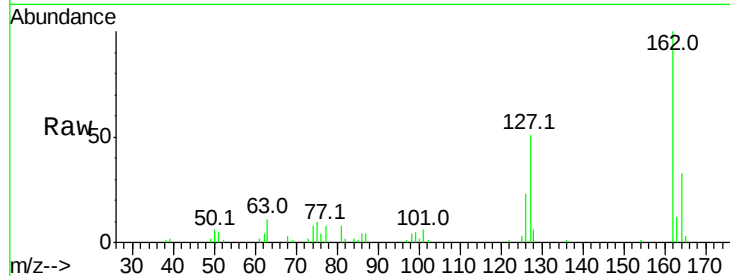
#46
2-Chloronaphthalene
Concen: 2.97 ng
RT: 9.34 min Scan# 635
Delta R.T. -0.01 min
Lab File: BF083917.D
Acq: 18 Dec 2015 17:12

Instrument :
BNA_F
ClientSampleId :
PB87351BS

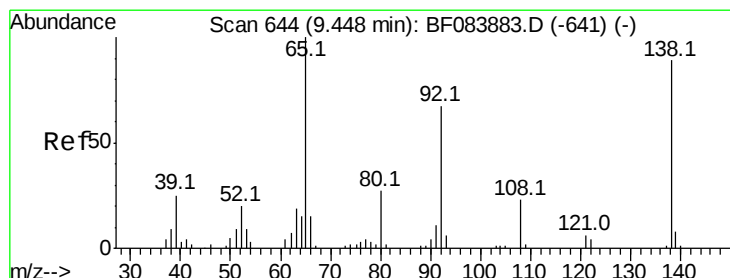
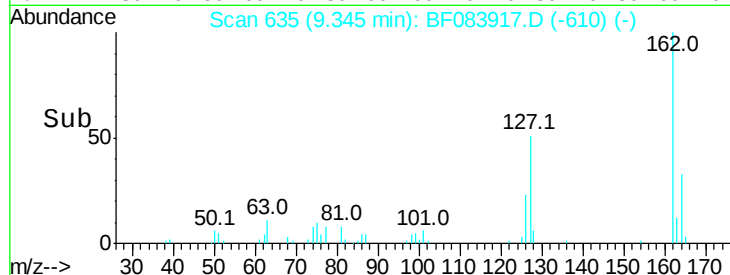
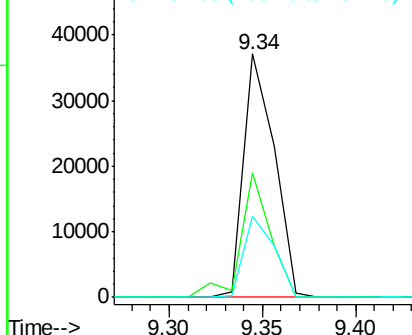
Tot Ion	Ratio	Resp	Lower	Upper
162	100	42374		
127	51.0		40.2	60.4
164	33.3		25.7	38.5

Manual Integrations
APPROVED

apatel
12/22/2015 11:51:04 AM

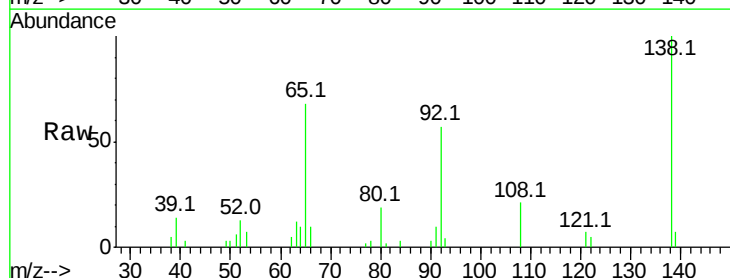


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

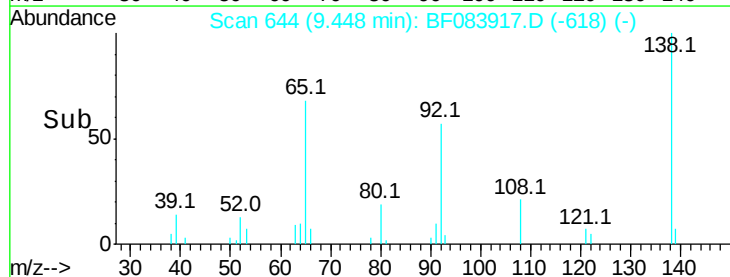
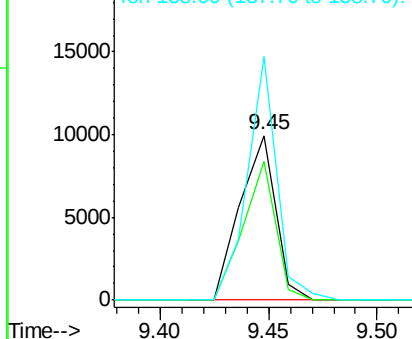


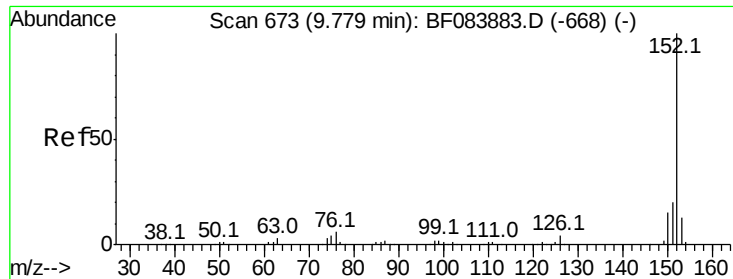
#47
2-Nitroaniline
Concen: 4.11 ng
RT: 9.45 min Scan# 644
Delta R.T. 0.00 min
Lab File: BF083917.D
Acq: 18 Dec 2015 17:12

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	11354		
92	83.9		53.4	80.2#
138	147.7		71.1	106.7#



Abundance Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0
Ion 138.00 (137.70 to 138.70): E





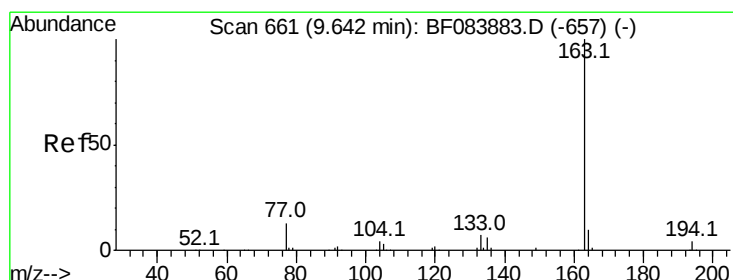
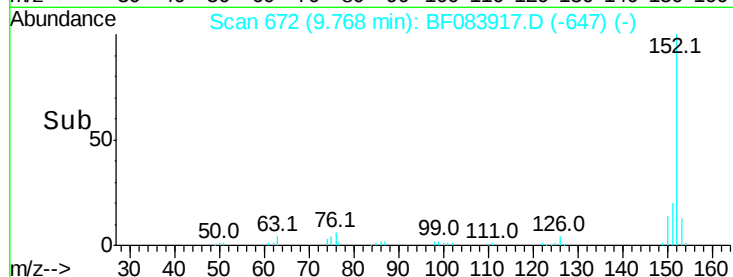
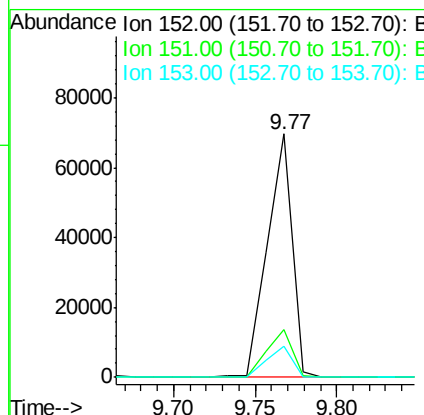
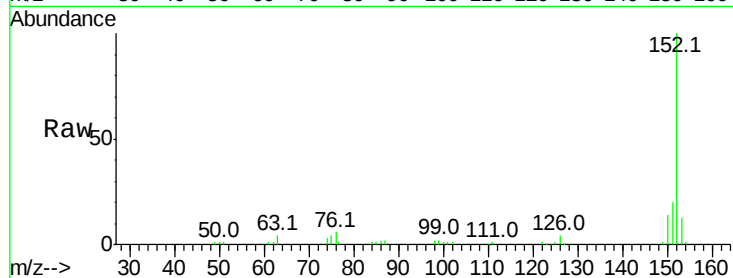
#48
Acenaphthylene
Concen: 4.55 ng
RT: 9.77 min Scan# 672
Delta R.T. -0.01 min
Lab File: BF083917.D
Acq: 18 Dec 2015 17:12

Instrument :
BNA_F
ClientSampleId :
PB87351BS

Tot Ion:	152	Resp:	74056
Ion Ratio	Lower	Upper	
152	100		
151	19.6	16.3	24.5
153	12.9	10.4	15.6

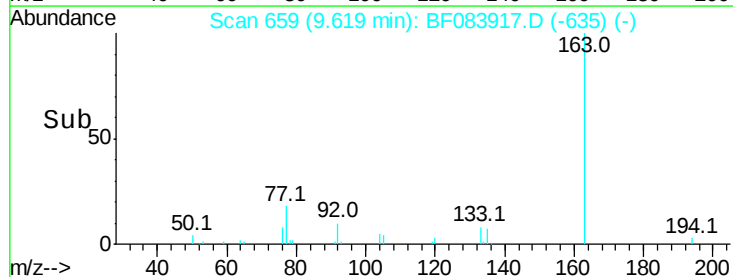
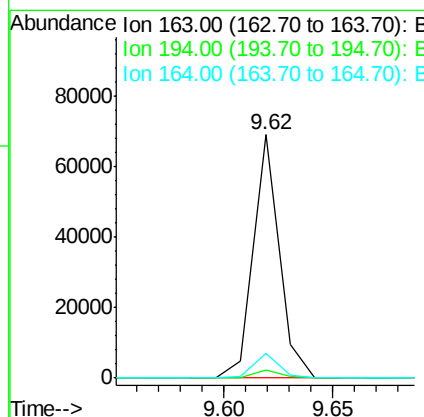
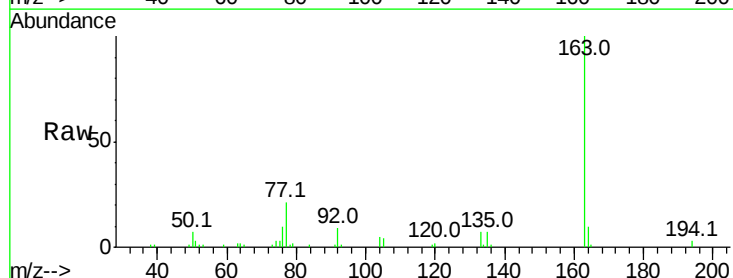
Manual Integrations
APPROVED

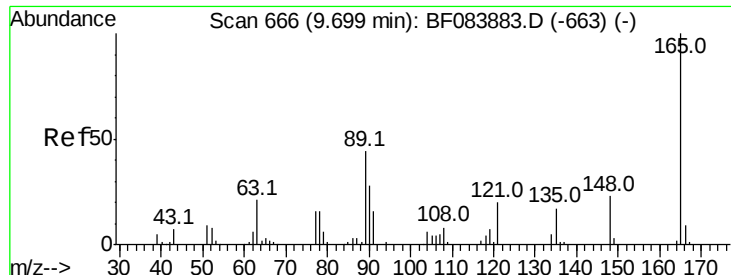
apatel
12/22/2015 11:51:04 AM



#49
Dimethylphthalate
Concen: 4.88 ng
RT: 9.62 min Scan# 659
Delta R.T. -0.02 min
Lab File: BF083917.D
Acq: 18 Dec 2015 17:12

Tgt Ion:	163	Resp:	57225
Ion Ratio	Lower	Upper	
163	100		
194	3.2	8.0	12.0#
164	10.3	8.0	12.0





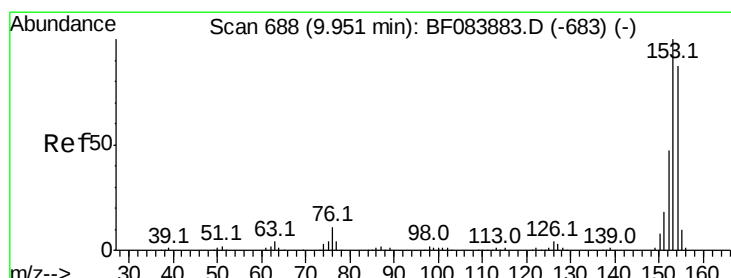
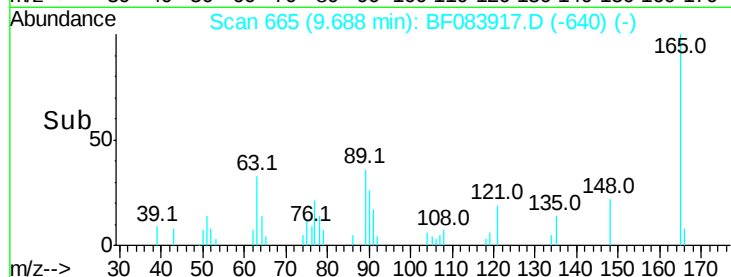
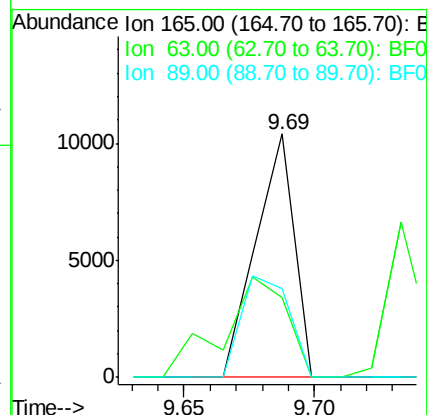
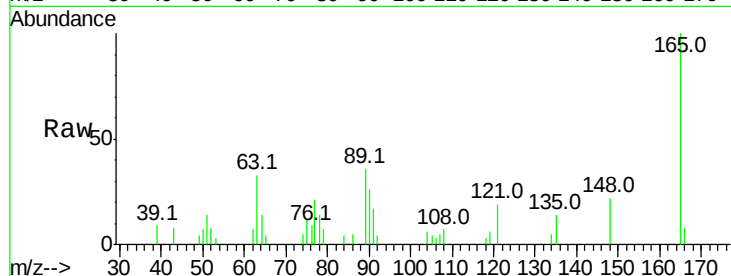
#50
 2,6-Dinitrotoluene
 Concen: 4.20 ng
 RT: 9.69 min Scan# 665
 Delta R.T. -0.01 min
 Lab File: BF083917.D
 Acq: 18 Dec 2015 17:12

Instrument :
 BNA_F
 ClientSampleId :
 PB87351BS

Tot Ion	Ratio	Resp Lower	Upper
165	100		
63	32.8	28.8	43.2
89	36.2	35.1	52.7

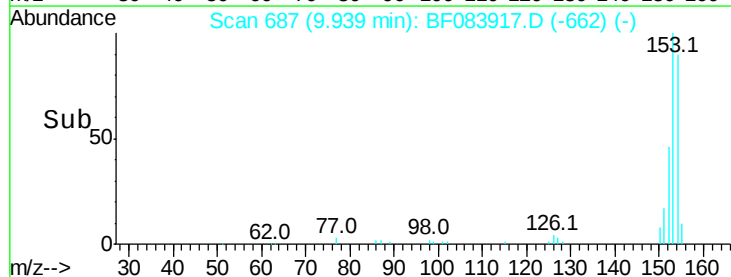
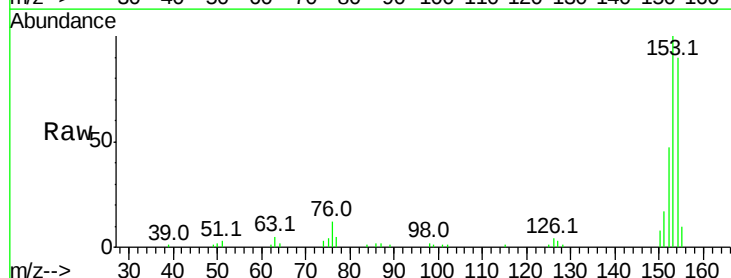
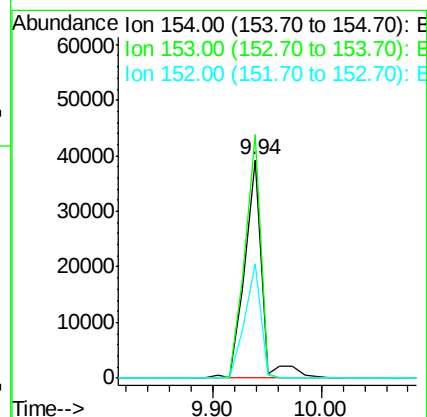
Manual Integrations
 APPROVED

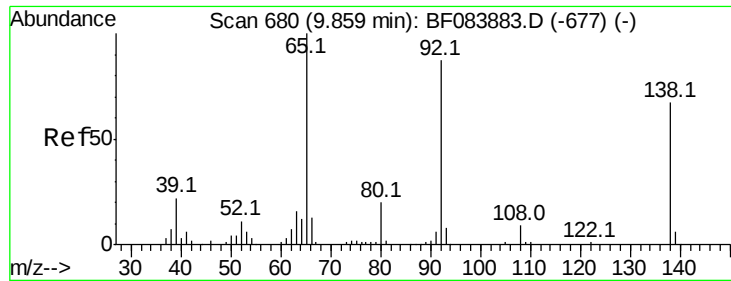
apatel
 12/22/2015 11:51:04 AM



#51
 Acenaphthene
 Concen: 4.23 ng
 RT: 9.94 min Scan# 687
 Delta R.T. -0.01 min
 Lab File: BF083917.D
 Acq: 18 Dec 2015 17:12

Tgt Ion	Ratio	Resp Lower	Upper
154	100		
153	111.5	91.5	137.3
152	52.1	43.0	64.6





#52

3-Nitroaniline

Concen: 4.08 ng

RT: 9.85 min Scan# 679

Delta R.T. -0.01 min

Lab File: BF083917.D

Acq: 18 Dec 2015 17:12

Instrument :

BNA_F

ClientSampleId :

PB87351BS

Tot Ion:138 Resp: 11002

Ion Ratio Lower Upper

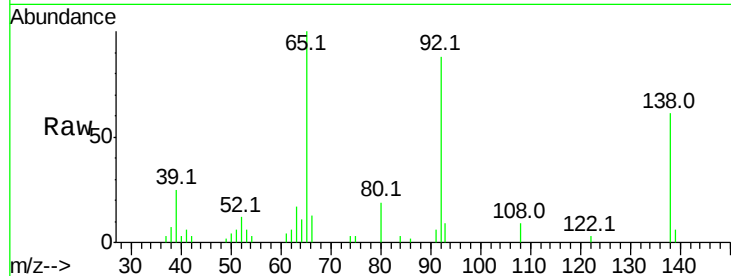
138 100

108 15.2 10.5 15.7

92 144.3 103.9 155.9

Manual Integrations
APPROVED

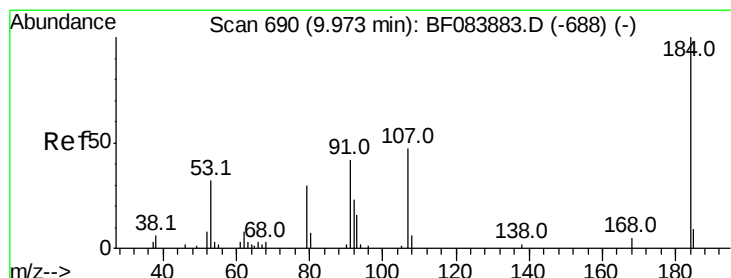
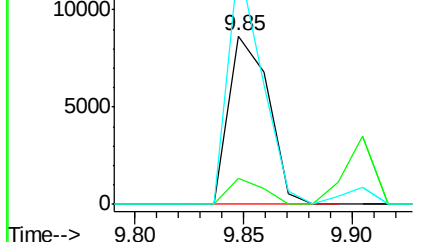
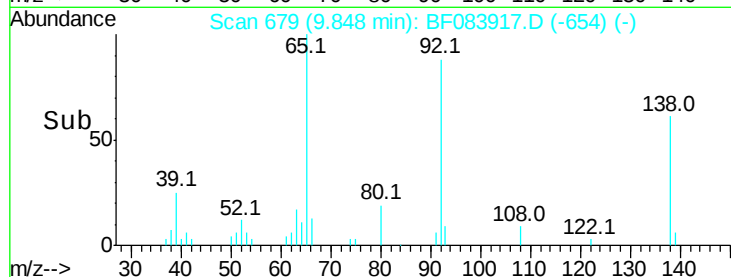
apatel
12/22/2015 11:51:04 AM



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0



#53

2,4-Dinitrophenol

Concen: 14.24 ng

RT: 9.97 min Scan# 690

Delta R.T. 0.00 min

Lab File: BF083917.D

Acq: 18 Dec 2015 17:12

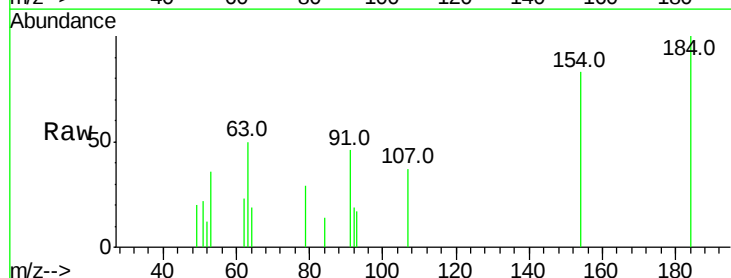
Tgt Ion:184 Resp: 4156

Ion Ratio Lower Upper

184 100

63 50.4 43.1 64.7

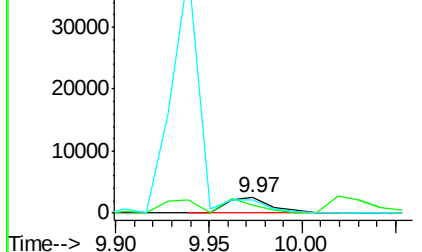
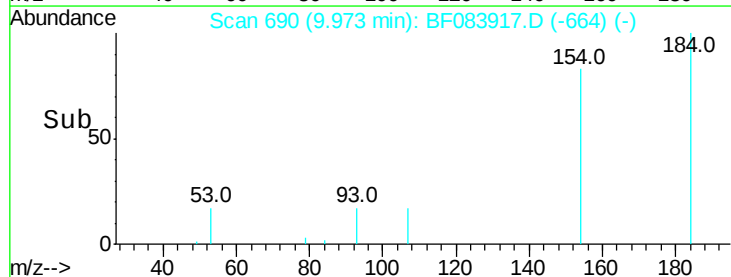
154 82.7 60.5 90.7

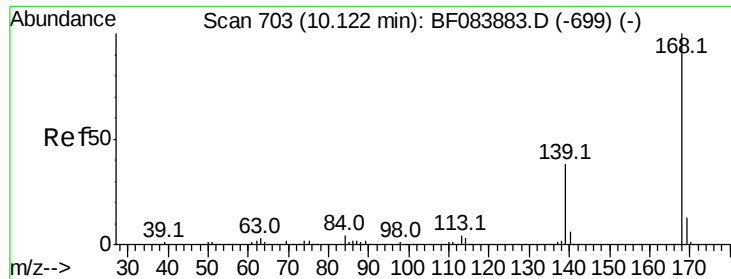


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 154.00 (153.70 to 154.70): E





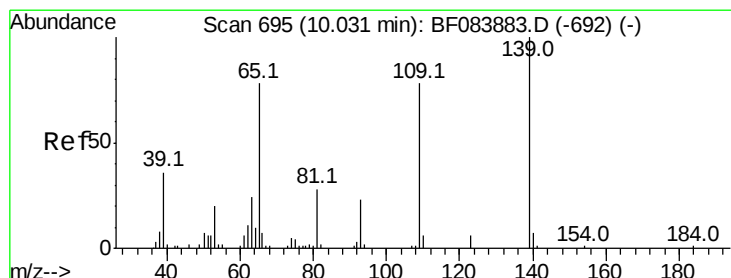
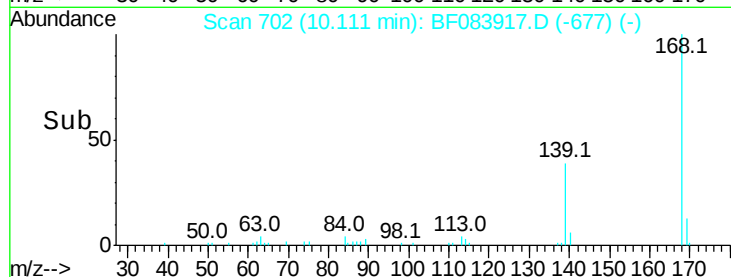
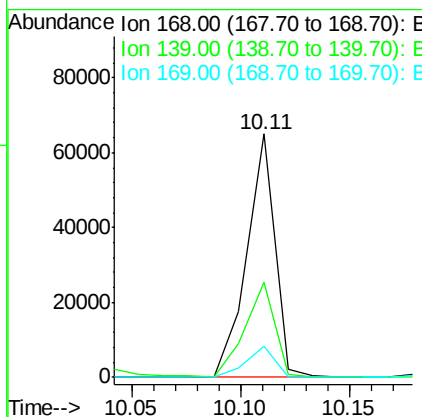
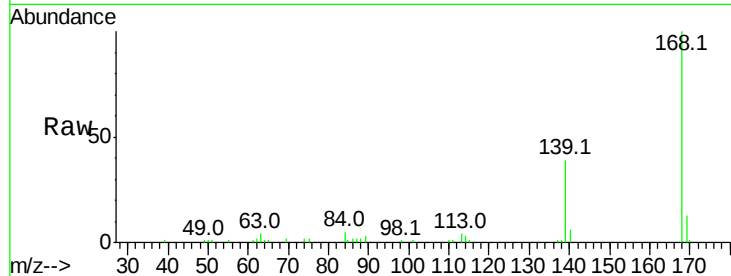
#54
Dibenzofuran
Concen: 4.49 ng
RT: 10.11 min Scan# 702
Delta R.T. -0.01 min
Lab File: BF083917.D
Acq: 18 Dec 2015 17:12

Instrument :
BNA_F
ClientSampleId :
PB87351BS

Tot Ion	Ratio	Resp	Lower	Upper
168	100	58382		
139	39.1		30.5	45.7
169	12.8		10.4	15.6

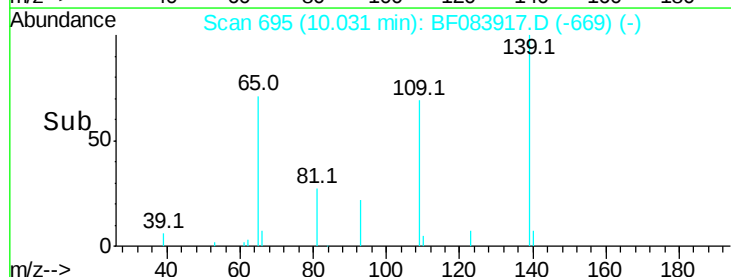
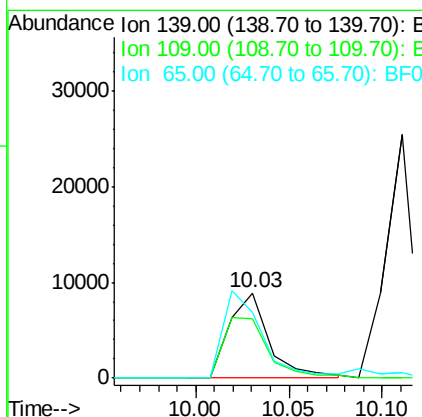
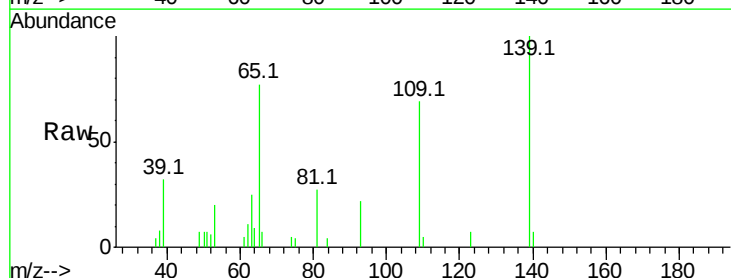
Manual Integrations
APPROVED

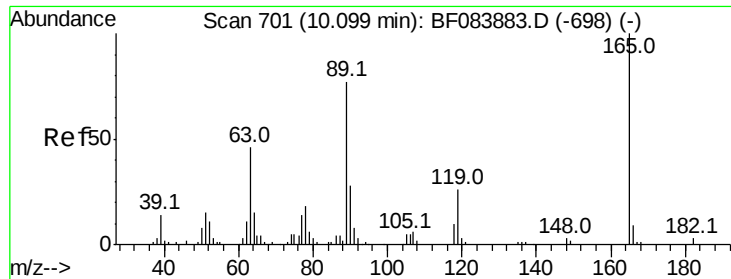
apatel
12/22/2015 11:51:04 AM



#55
4-Nitrophenol
Concen: 7.84 ng
RT: 10.03 min Scan# 695
Delta R.T. 0.00 min
Lab File: BF083917.D
Acq: 18 Dec 2015 17:12

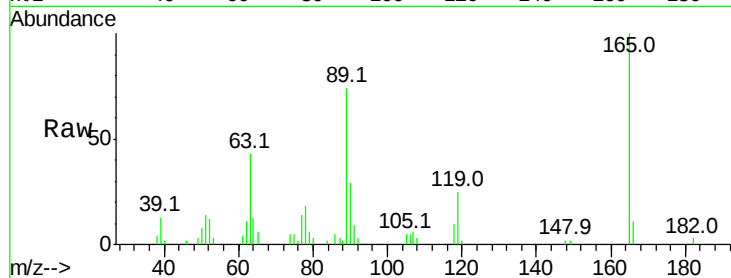
Tgt Ion	Ratio	Resp	Lower	Upper
139	100	13201		
109	69.3		58.5	98.5
65	76.8		57.6	97.6





#56
2,4-Dinitrotoluene
Concen: 4.35 ng
RT: 10.09 min Scan# 700
Delta R.T. -0.01 min
Lab File: BF083917.D
Acq: 18 Dec 2015 17:12

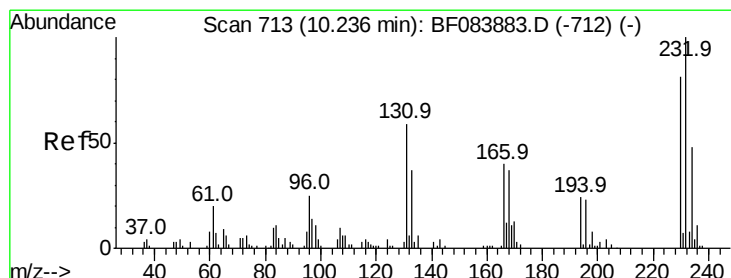
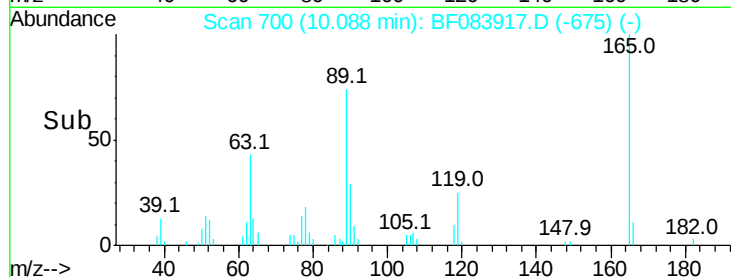
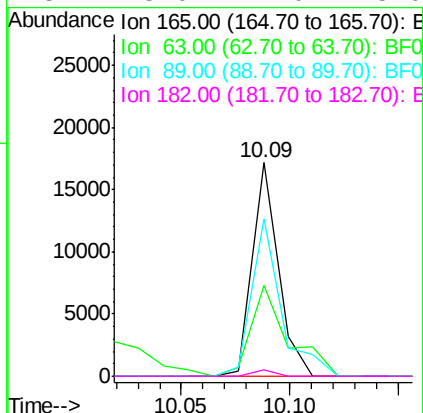
Instrument :
BNA_F
ClientSampleId :
PB87351BS



Tot Ion	Ratio	Lower	Upper
165	100		
63	42.6	36.7	55.1
89	73.5	61.9	92.9
182	3.0	2.0	3.0

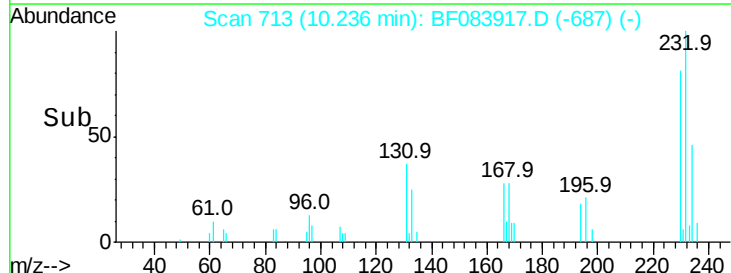
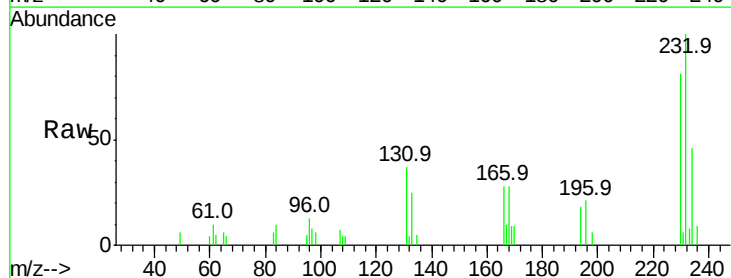
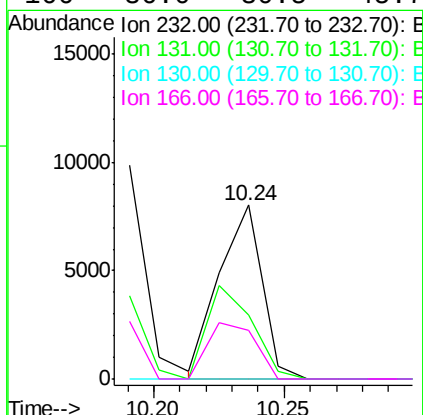
Manual Integrations
APPROVED

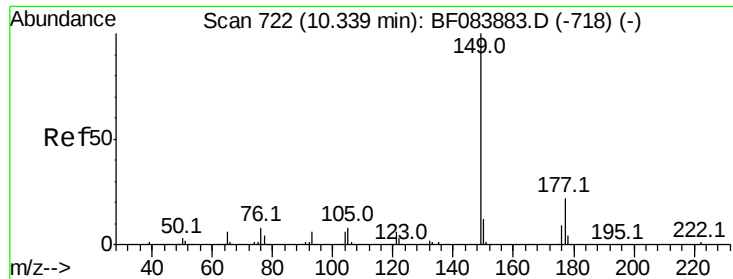
apatel
12/22/2015 11:51:04 AM



#58
2,3,4,6-Tetrachlorophenol
Concen: 4.35 ng
RT: 10.24 min Scan# 713
Delta R.T. 0.00 min
Lab File: BF083917.D
Acq: 18 Dec 2015 17:12

Tgt Ion	Ratio	Lower	Upper
232	100		
131	56.5	47.0	70.6
130	0.0	2.0	3.0#
166	36.0	30.5	45.7





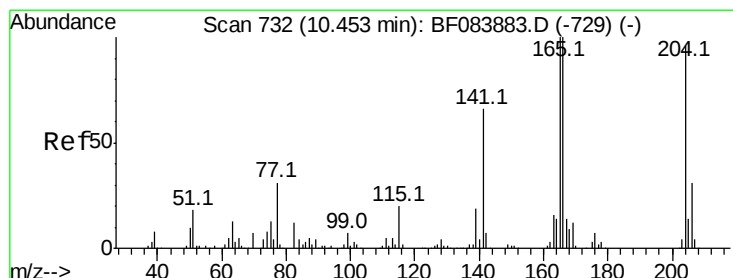
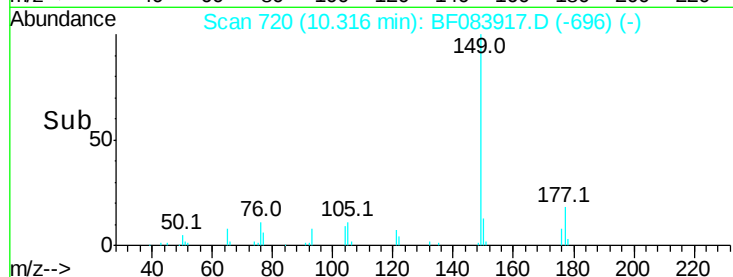
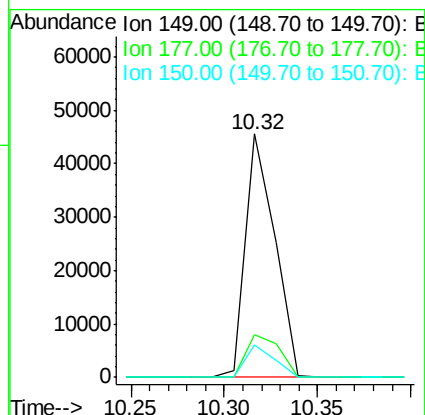
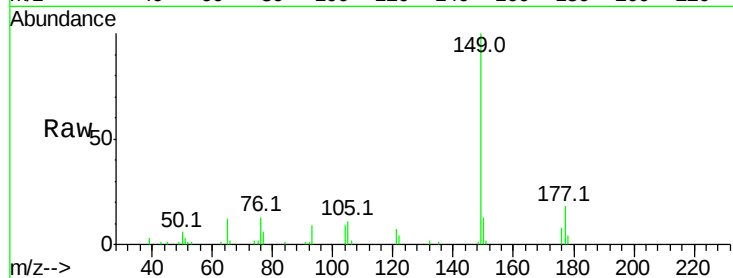
#59
Diethylphthalate
Concen: 4.10 ng
RT: 10.32 min Scan# 720
Delta R.T. -0.02 min
Lab File: BF083917.D
Acq: 18 Dec 2015 17:12

Instrument :
BNA_F
ClientSampleId :
PB87351BS

Tot Ion	Ratio	Lower	Upper
149	100		
177	17.5	17.3	25.9
150	13.1	9.8	14.8

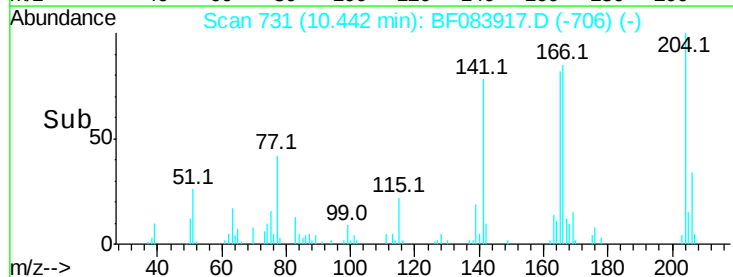
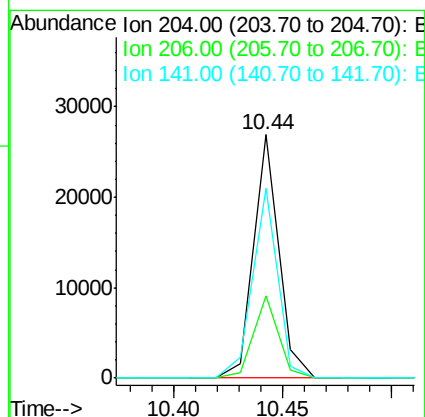
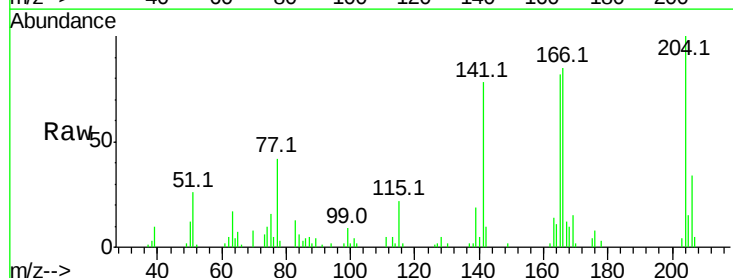
Manual Integrations
APPROVED

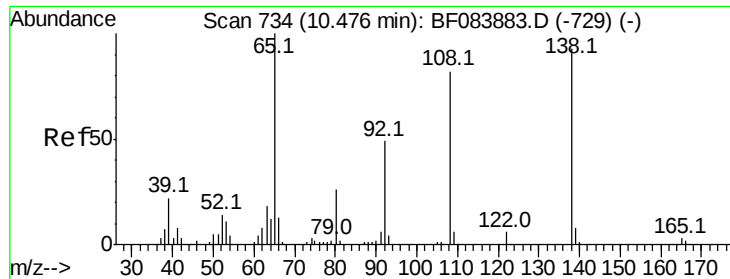
apatel
12/22/2015 11:51:04 AM



#60
4-Chlorophenyl-phenylether
Concen: 4.35 ng
RT: 10.44 min Scan# 731
Delta R.T. -0.01 min
Lab File: BF083917.D
Acq: 18 Dec 2015 17:12

Tgt Ion	Ratio	Lower	Upper
204	100		
206	33.8	25.7	38.5
141	78.0	55.1	82.7





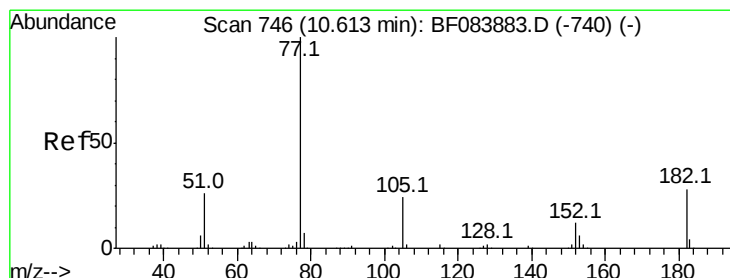
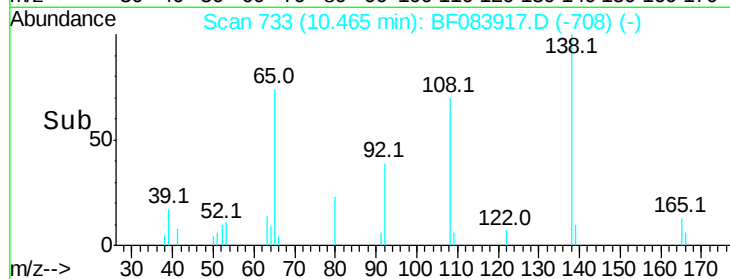
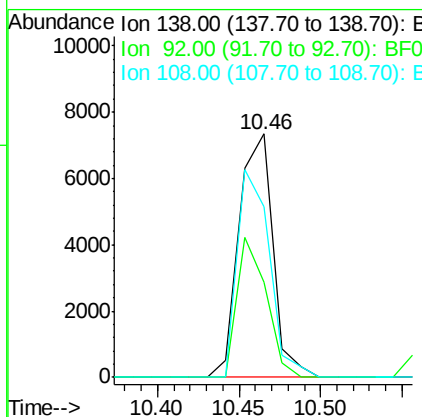
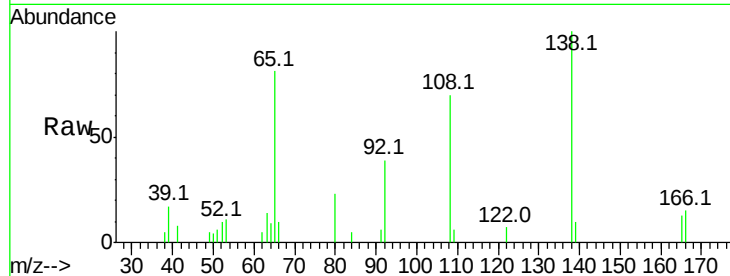
#61
 4-Nitroaniline
 Concen: 3.78 ng
 RT: 10.46 min Scan# 733
 Delta R.T. -0.01 min
 Lab File: BF083917.D
 Acq: 18 Dec 2015 17:12

Instrument :
 BNA_F
 ClientSampleID :
 PB87351BS

Tot Ion:	138	Resp:	10555
Ion Ratio	Lower	Upper	
138	100		
92	39.1	32.6	72.6
108	70.0	68.6	108.6

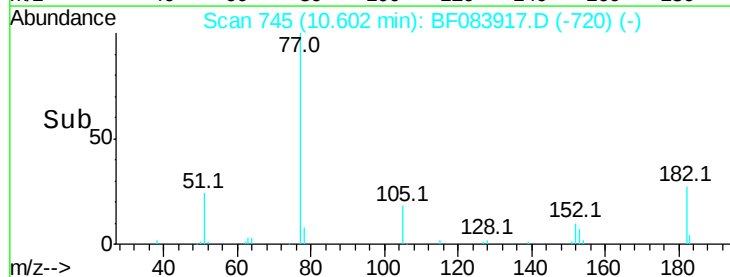
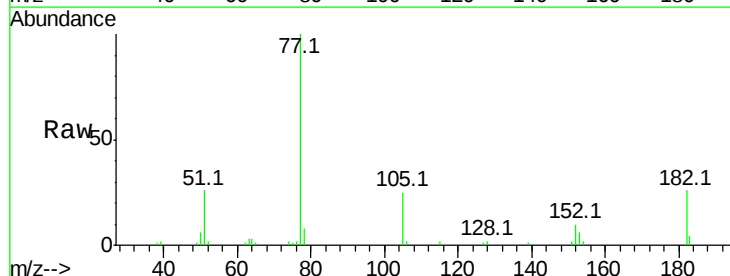
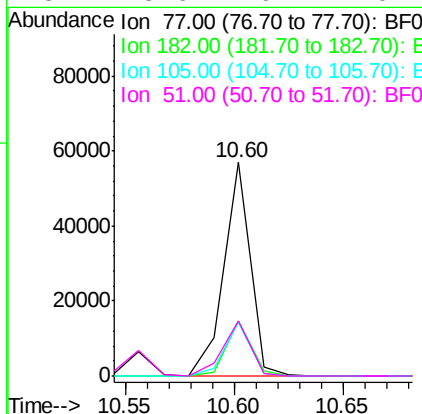
Manual Integrations
 APPROVED

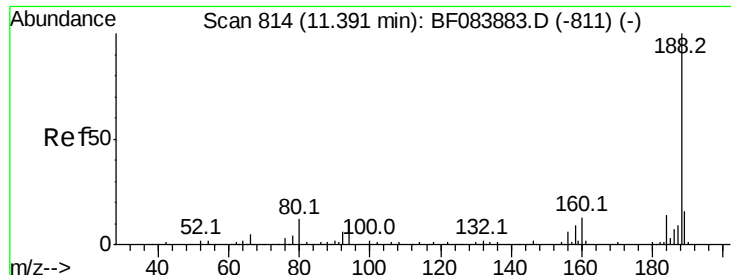
apatel
 12/22/2015 11:51:04 AM



#62
 Azobenzene
 Concen: 4.72 ng
 RT: 10.60 min Scan# 745
 Delta R.T. -0.01 min
 Lab File: BF083917.D
 Acq: 18 Dec 2015 17:12

Tgt Ion:	77	Resp:	47995
Ion Ratio	Lower	Upper	
77	100		
182	26.0	8.3	48.3
105	25.3	4.6	44.6
51	25.6	6.2	46.2





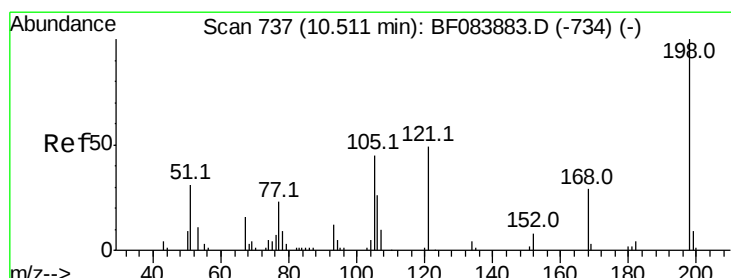
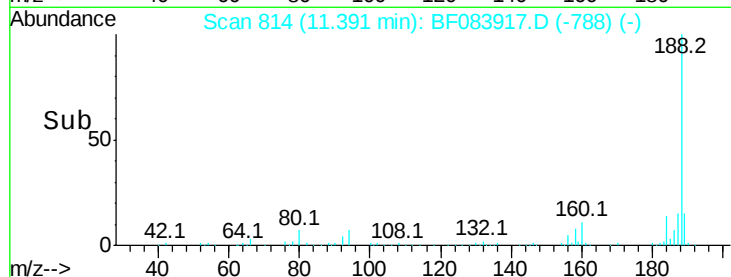
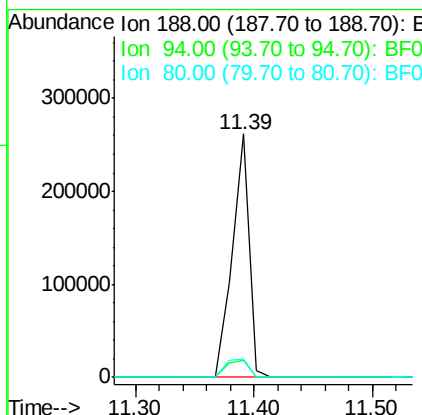
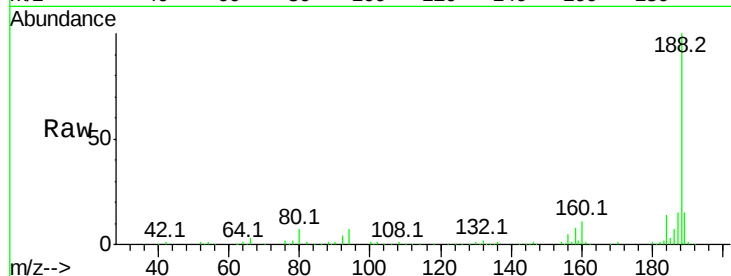
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.39 min Scan# 814
Delta R.T. 0.00 min
Lab File: BF083917.D
Acq: 18 Dec 2015 17:12

Instrument :
BNA_F
ClientSampleId :
PB87351BS

Tot Ion	Ratio	Resp Lower	Upper
188	100		
94	7.0	9.0	13.4#
80	7.3	9.6	14.4#

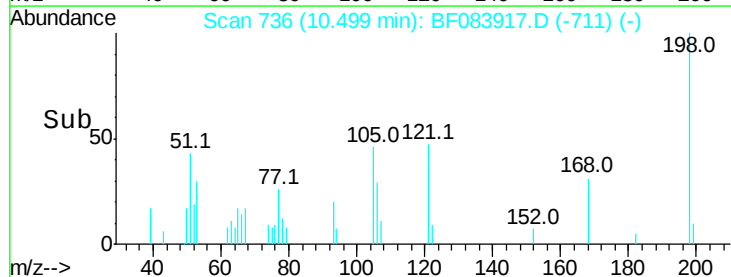
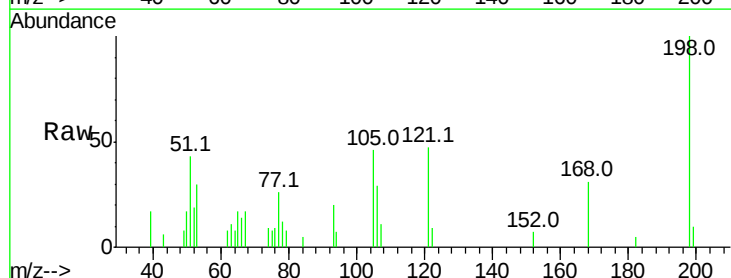
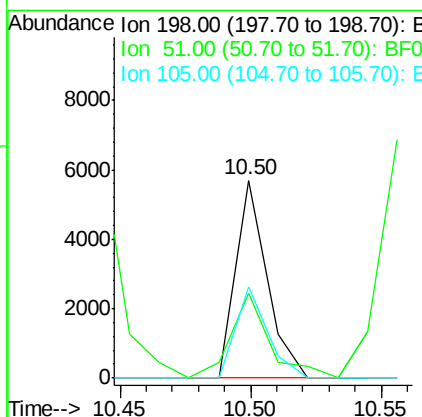
Manual Integrations
APPROVED

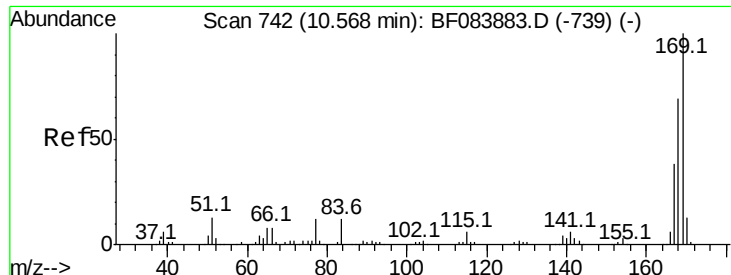
apatel
12/22/2015 11:51:04 AM



#64
4,6-Dinitro-2-methylphenol
Concen: 6.72 ng
RT: 10.50 min Scan# 736
Delta R.T. -0.01 min
Lab File: BF083917.D
Acq: 18 Dec 2015 17:12

Tgt Ion	Ratio	Resp Lower	Upper
198	100		
51	42.8	18.9	58.9
105	46.0	26.4	66.4





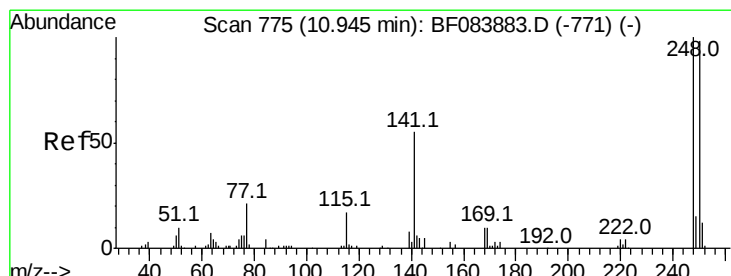
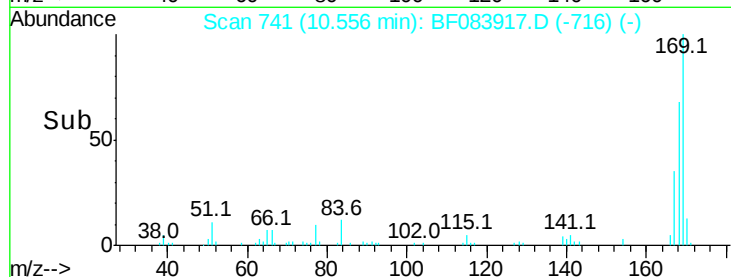
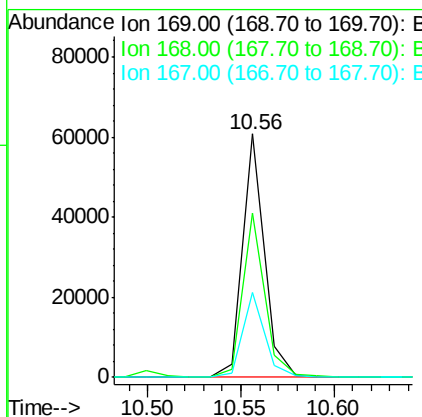
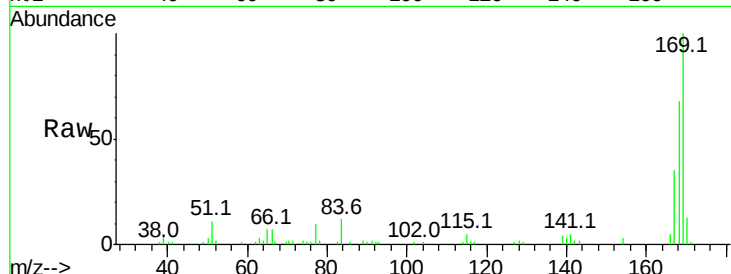
#65
n-Nitrosodiphenylamine
Concen: 5.31 ng
RT: 10.56 min Scan# 741
Delta R.T. -0.01 min
Lab File: BF083917.D
Acq: 18 Dec 2015 17:12

Instrument :
BNA_F
ClientSampleId :
PB87351BS

Tot Ion	Ratio	Resp	Lower	Upper
169	100	49487		
168	67.6		55.1	82.7
167	34.7		30.0	45.0

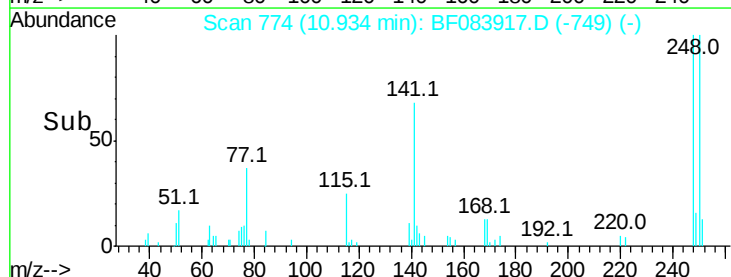
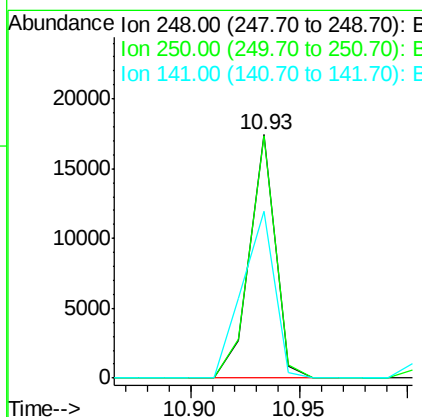
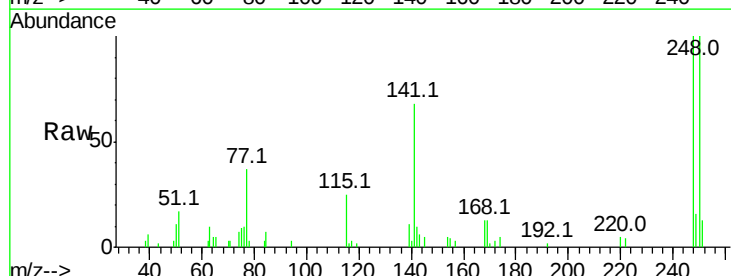
Manual Integrations
APPROVED

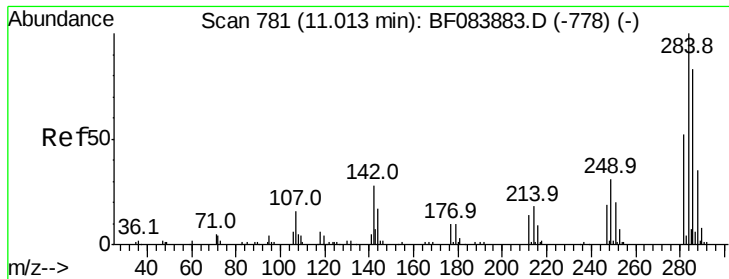
apatel
12/22/2015 11:51:04 AM



#66
4-Bromophenyl-phenylether
Concen: 4.61 ng
RT: 10.93 min Scan# 774
Delta R.T. -0.01 min
Lab File: BF083917.D
Acq: 18 Dec 2015 17:12

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	14446		
250	99.5		78.4	117.6
141	68.4		44.0	66.0#





#67

Hexachlorobenzene

Concen: 4.39 ng

RT: 11.00 min Scan# 780

Delta R.T. -0.01 min

Lab File: BF083917.D

Acq: 18 Dec 2015 17:12

Instrument :

BNA_F

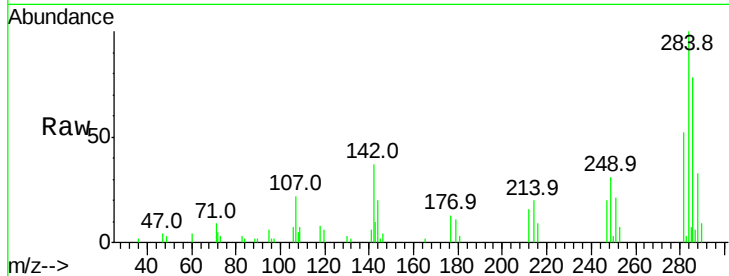
ClientSampleId :

PB87351BS

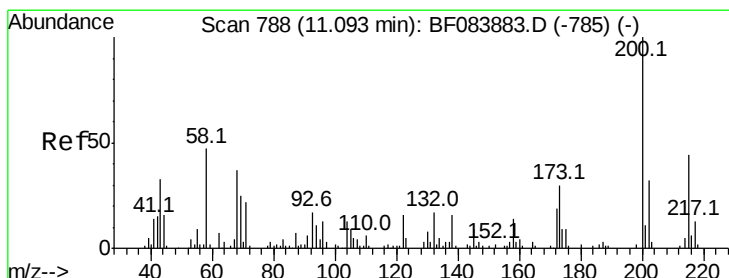
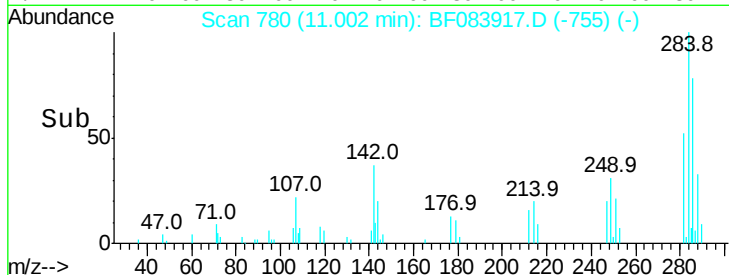
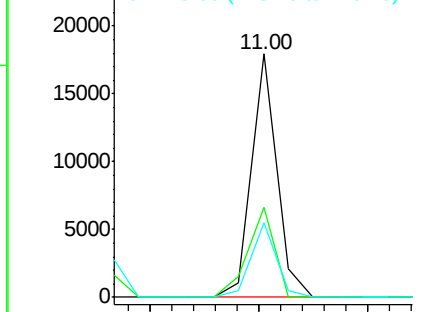
Tot Ion:	284	Resp:	14494
Ion Ratio	Lower	Upper	
284	100		
142	37.2	22.2	33.4#
249	30.7	24.6	37.0

Manual Integrations
APPROVED

apatel
12/22/2015 11:51:04 AM



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



#68

Atrazine

Concen: 4.78 ng

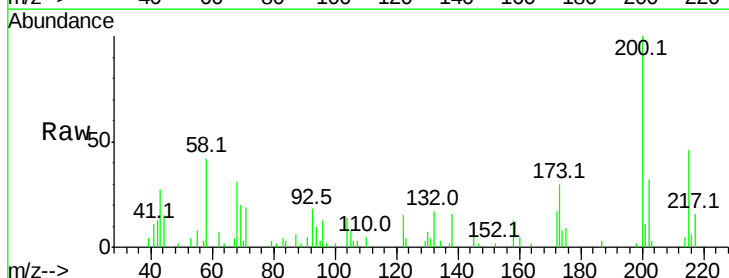
RT: 11.08 min Scan# 787

Delta R.T. -0.01 min

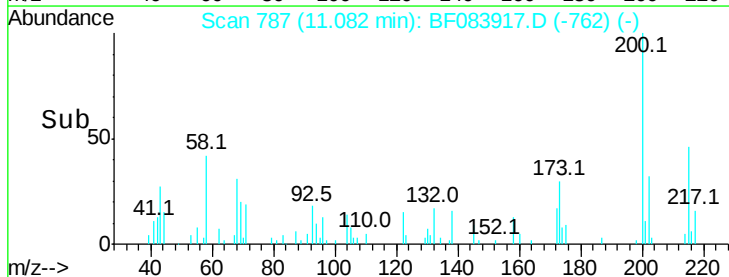
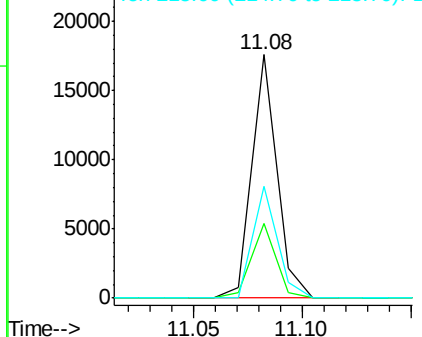
Lab File: BF083917.D

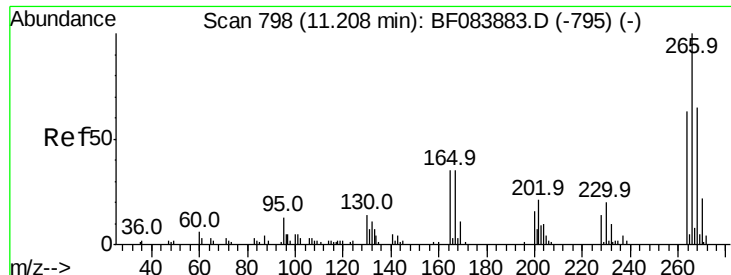
Acq: 18 Dec 2015 17:12

Tgt Ion:	200	Resp:	14116
Ion Ratio	Lower	Upper	
200	100		
173	30.4	9.5	49.5
215	46.1	23.8	63.8



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





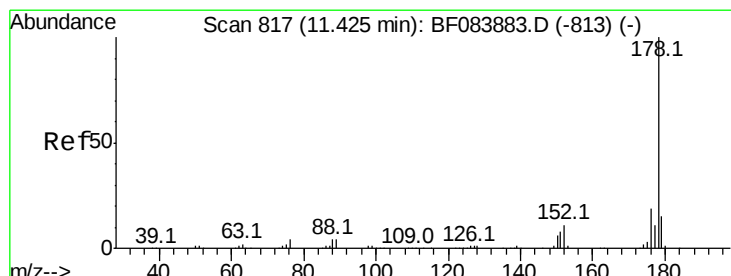
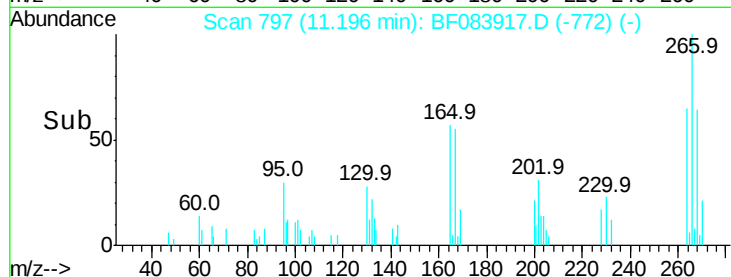
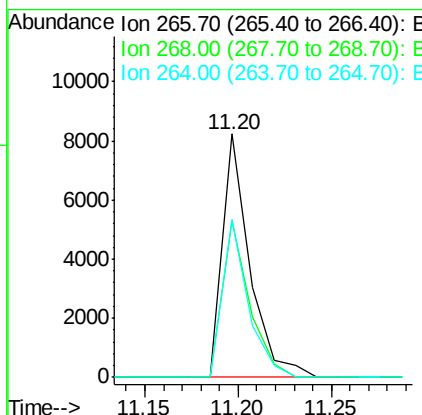
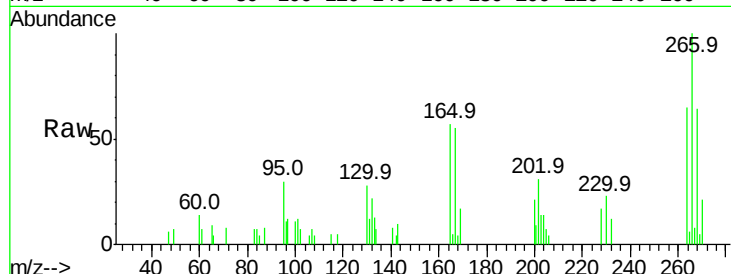
#69
 Pentachlorophenol
 Concen: 10.37 ng
 RT: 11.20 min Scan# 797
 Delta R.T. -0.01 min
 Lab File: BF083917.D
 Acq: 18 Dec 2015 17:12

Instrument :
 BNA_F
 ClientSampleId :
 PB87351BS

Tot Ion	Ratio	Resp	Lower	Upper
266	100	8412		
268	64.2		52.4	78.6
264	64.8		50.2	75.2

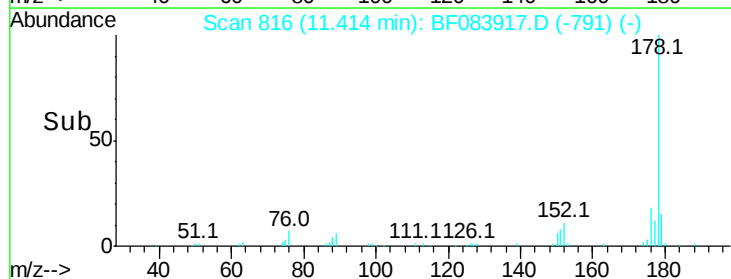
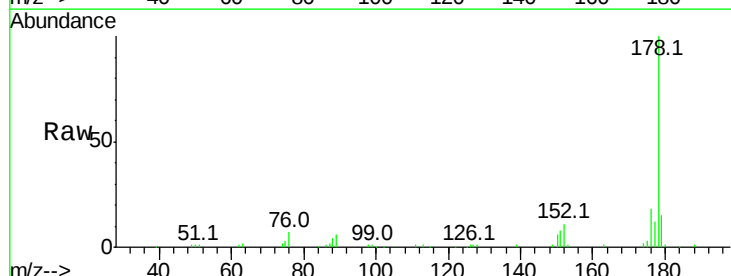
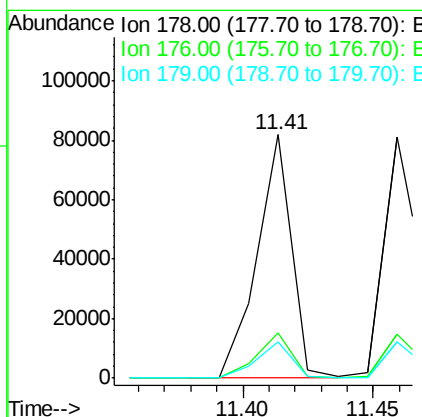
Manual Integrations
 APPROVED

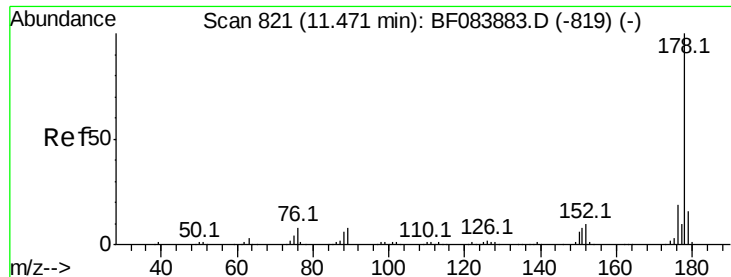
apatel
 12/22/2015 11:51:04 AM



#70
 Phenanthrene
 Concen: 4.88 ng
 RT: 11.41 min Scan# 816
 Delta R.T. -0.01 min
 Lab File: BF083917.D
 Acq: 18 Dec 2015 17:12

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	75573		
176	18.4		15.3	22.9
179	14.7		12.0	18.0





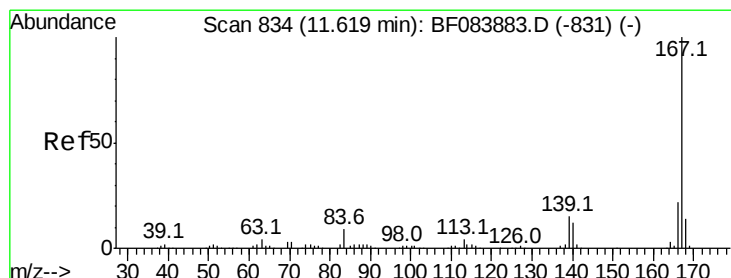
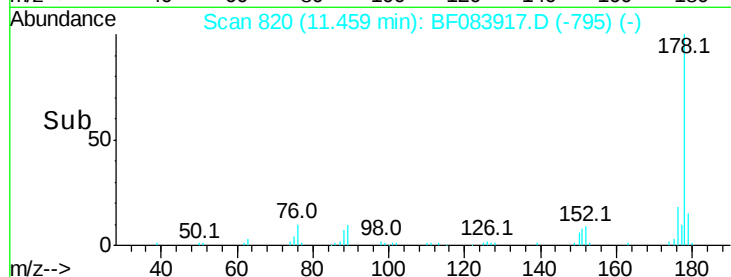
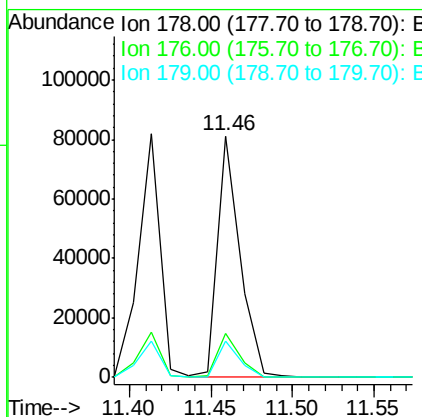
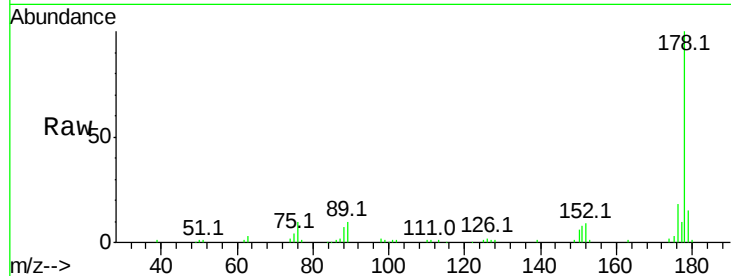
#71
 Anthracene
 Concen: 5.17 ng
 RT: 11.46 min Scan# 820
 Delta R.T. -0.01 min
 Lab File: BF083917.D
 Acq: 18 Dec 2015 17:12

Instrument :
 BNA_F
 ClientSampleId :
 PB87351BS

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.2	15.4	23.0
179	14.8	12.5	18.7

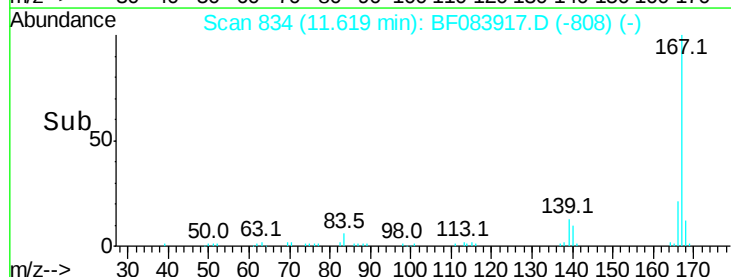
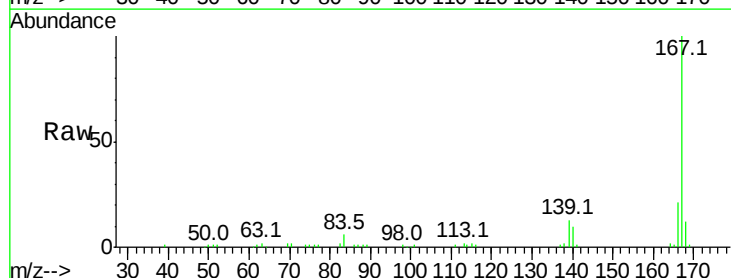
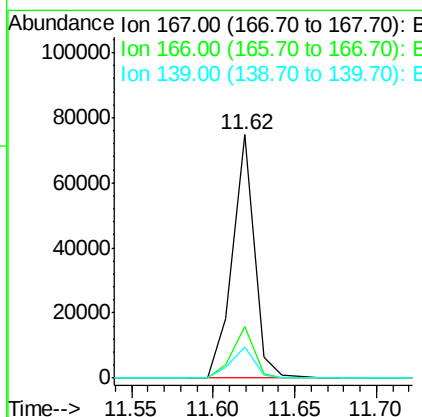
Manual Integrations
 APPROVED

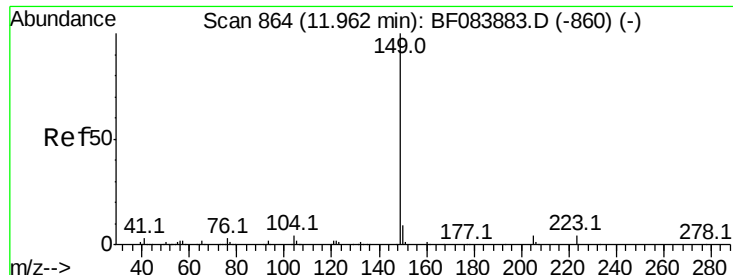
apatel
 12/22/2015 11:51:04 AM



#72
 Carbazole
 Concen: 4.66 ng
 RT: 11.62 min Scan# 834
 Delta R.T. 0.00 min
 Lab File: BF083917.D
 Acq: 18 Dec 2015 17:12

Tgt Ion	Ratio	Lower	Upper
167	100		
166	21.2	17.6	26.4
139	12.5	11.8	17.8





#73

Di-n-butylphthalate

Concen: 5.47 ng

RT: 11.95 min Scan# 863

Delta R.T. -0.01 min

Lab File: BF083917.D

Acq: 18 Dec 2015 17:12

Instrument :

BNA_F

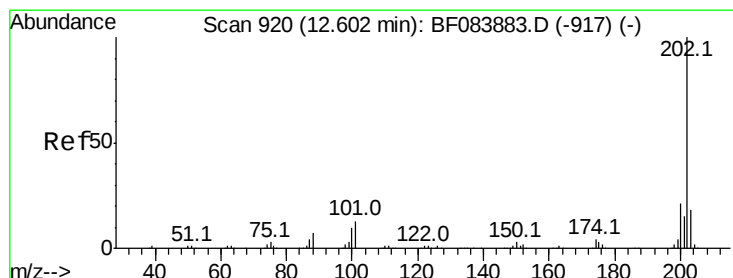
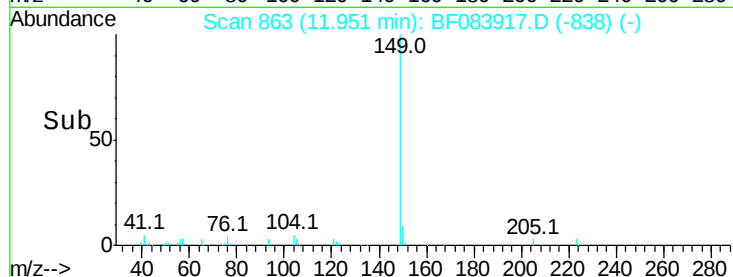
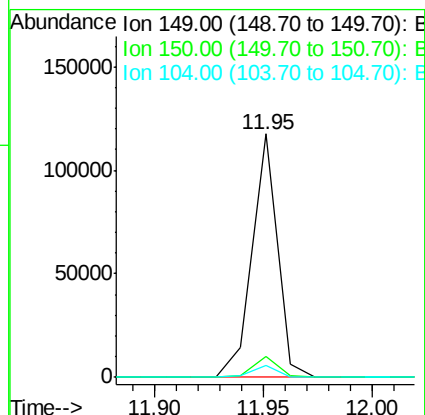
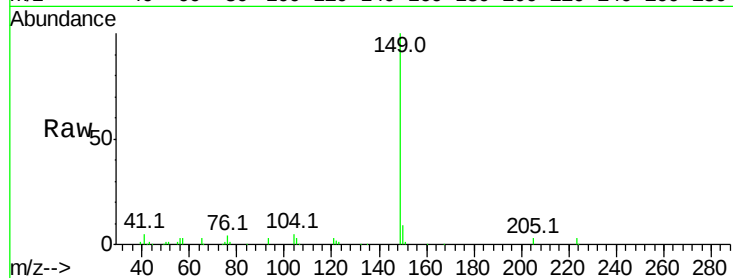
ClientSampleId :

PB87351BS

Tot Ion:	149	Resp:	95046
Ion Ratio	Lower	Upper	
149	100		
150	8.8	7.1	10.7
104	4.9	3.2	4.8#

Manual Integrations
APPROVED

apatel
12/22/2015 11:51:04 AM



#74

Fluoranthene

Concen: 5.09 ng

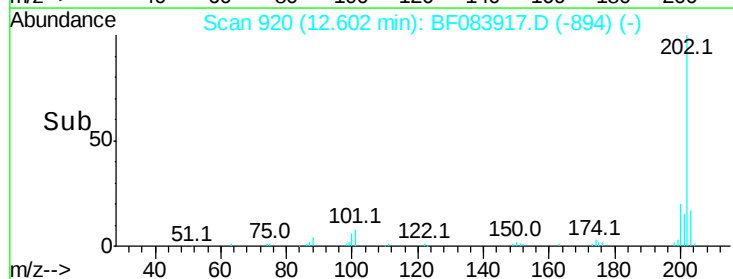
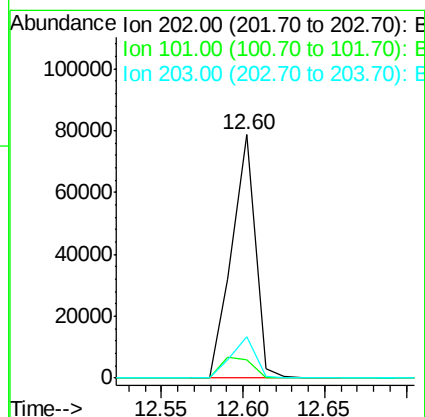
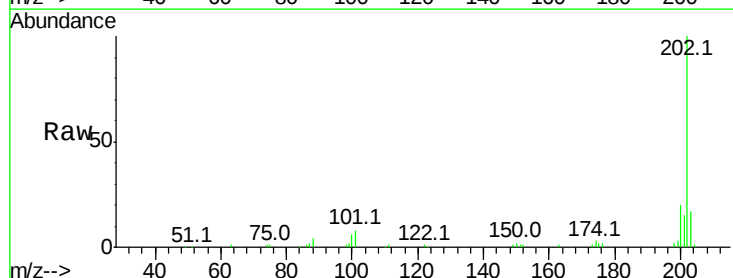
RT: 12.60 min Scan# 920

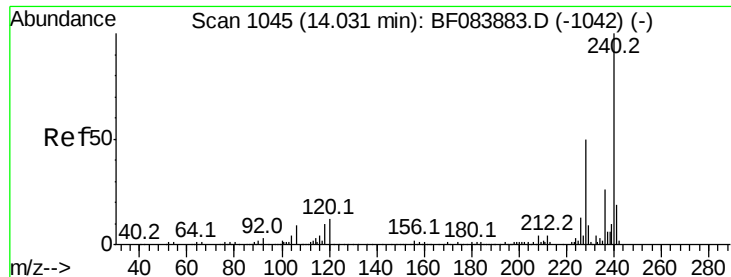
Delta R.T. 0.00 min

Lab File: BF083917.D

Acq: 18 Dec 2015 17:12

Tgt Ion:	202	Resp:	78653
Ion Ratio	Lower	Upper	
202	100		
101	7.7	0.0	32.8
203	17.0	0.0	37.9





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.02 min Scan# 1044

Delta R.T. -0.01 min

Lab File: BF083917.D

Acq: 18 Dec 2015 17:12

Instrument :

BNA_F

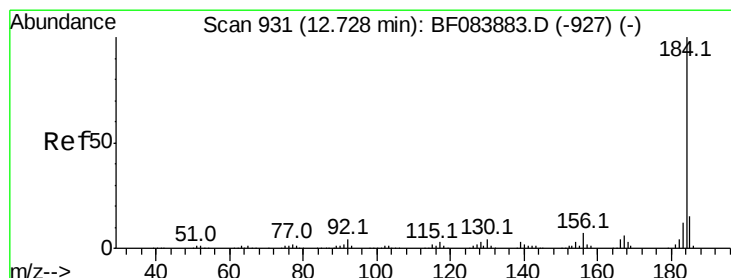
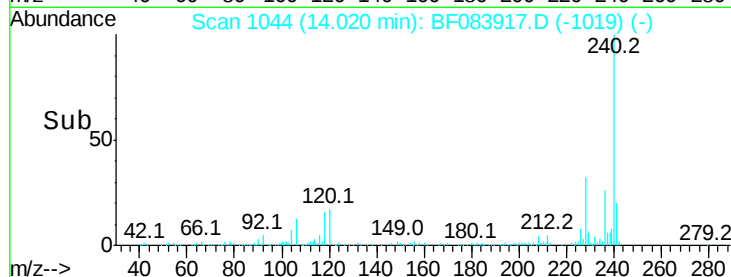
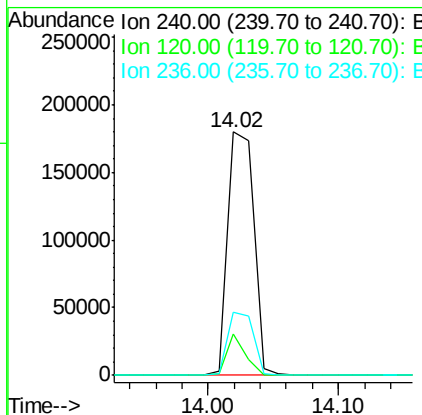
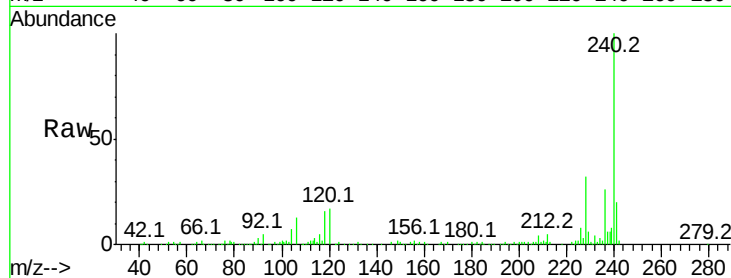
ClientSampleId :

PB87351BS

Tot Ion	Ratio	Resp	Lower	Upper
240	100			
120	17.2	9.5	14.3#	
236	26.1	20.6	31.0	

Manual Integrations
APPROVED

apatel
12/22/2015 11:51:04 AM



#76

Benzidine

Concen: 3.36 ng

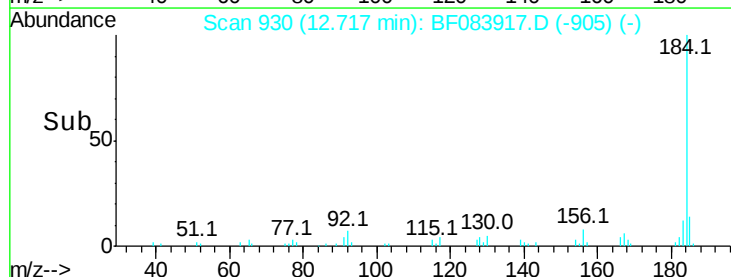
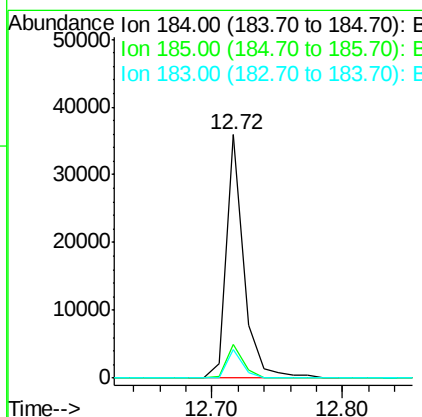
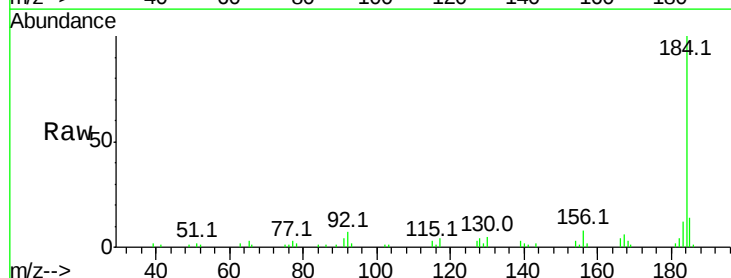
RT: 12.72 min Scan# 930

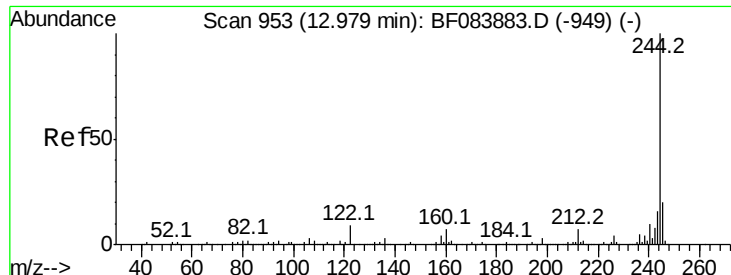
Delta R.T. -0.01 min

Lab File: BF083917.D

Acq: 18 Dec 2015 17:12

Tgt Ion	Ratio	Resp	Lower	Upper
184	100			
185	13.6	12.2	18.2	
183	11.9	9.8	14.8	





#78

Terphenyl-d14

Concen: 4.78 ng

RT: 12.97 min Scan# 952

Delta R.T. -0.01 min

Lab File: BF083917.D

Acq: 18 Dec 2015 17:12

Instrument :

BNA_F

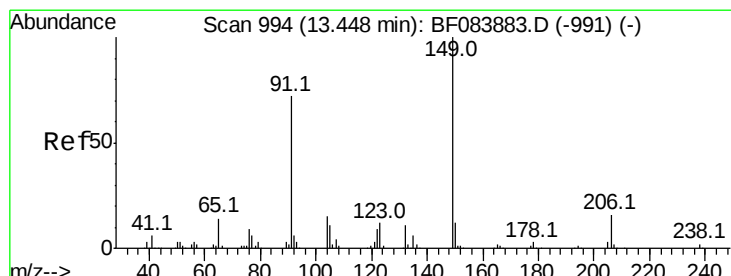
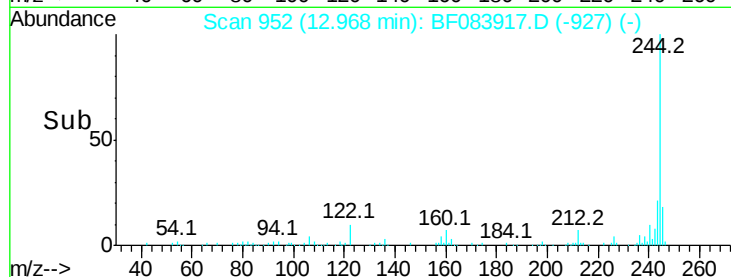
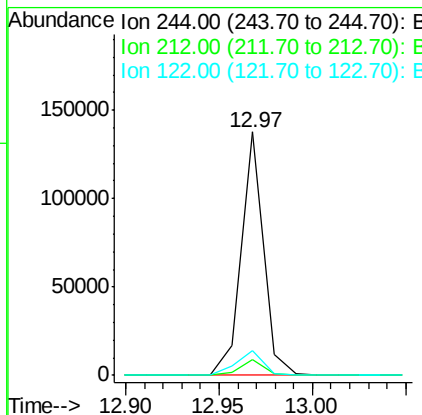
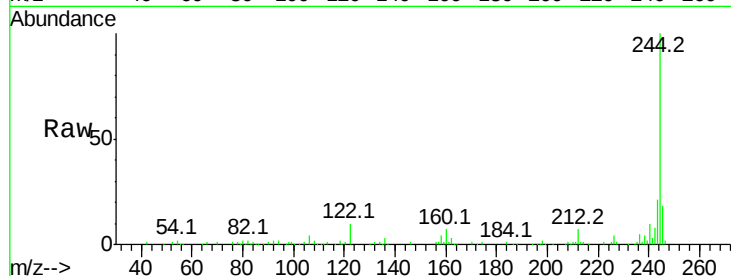
ClientSampleId :

PB87351BS

Tot Ion:	244	Resp:	114475
Ion Ratio	Lower	Upper	
244	100		
212	6.7	5.7	8.5
122	10.2	7.4	11.0

Manual Integrations
APPROVED

apatel
12/22/2015 11:51:04 AM



#79

Butylbenzylphthalate

Concen: 4.64 ng

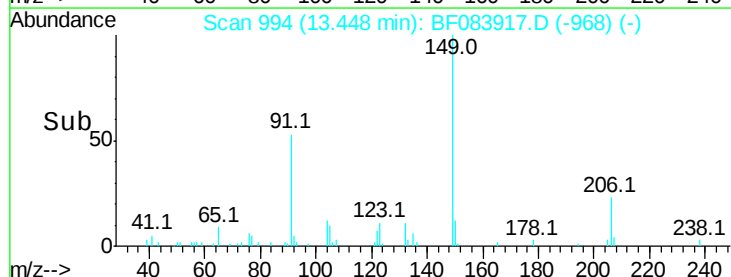
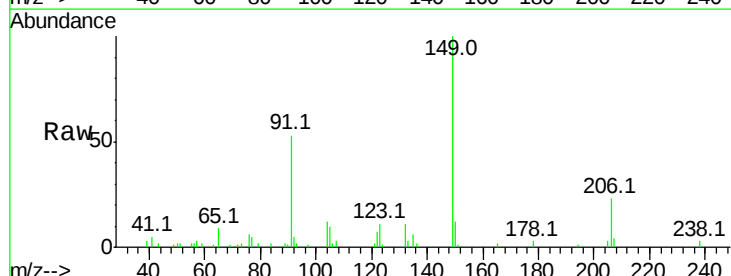
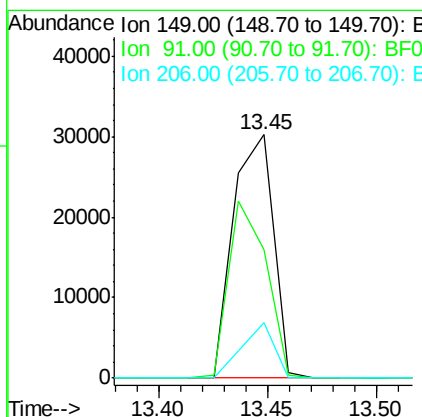
RT: 13.45 min Scan# 994

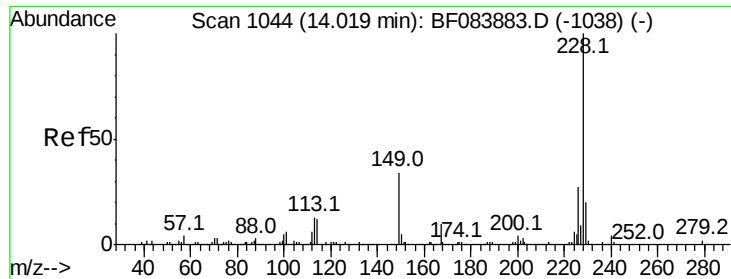
Delta R.T. 0.00 min

Lab File: BF083917.D

Acq: 18 Dec 2015 17:12

Tgt Ion:	149	Resp:	38673
Ion Ratio	Lower	Upper	
149	100		
91	52.8	57.6	86.4#
206	22.7	13.2	19.8#





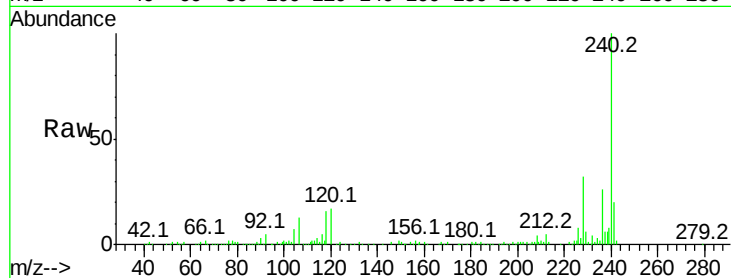
#80
Benzo(a)anthracene
Concen: 4.72 ng
RT: 14.02 min Scan# 1044
Delta R.T. 0.00 min
Lab File: BF083917.D
Acq: 18 Dec 2015 17:12

Instrument :
BNA_F
ClientSampleId :
PB87351BS

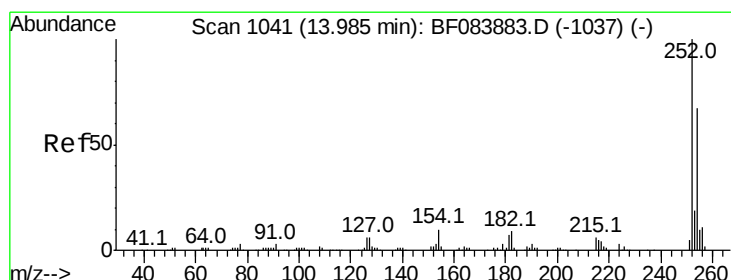
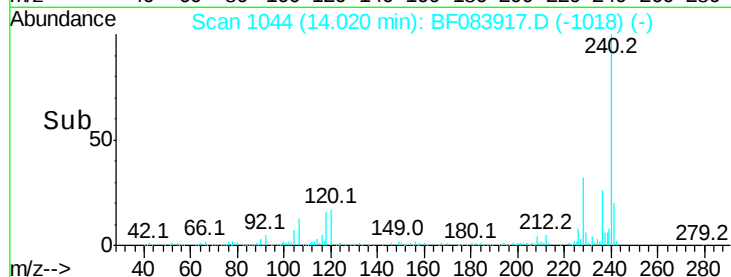
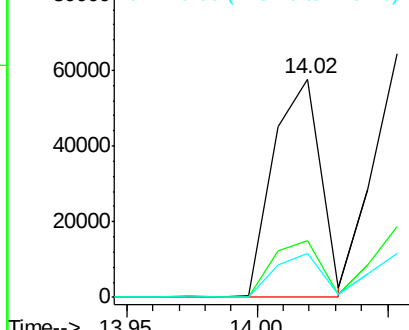
Tot Ion	Ratio	Lower	Upper
228	100		
226	25.8	21.8	32.6
229	19.9	15.8	23.8

Manual Integrations
APPROVED

apatel
12/22/2015 11:51:04 AM



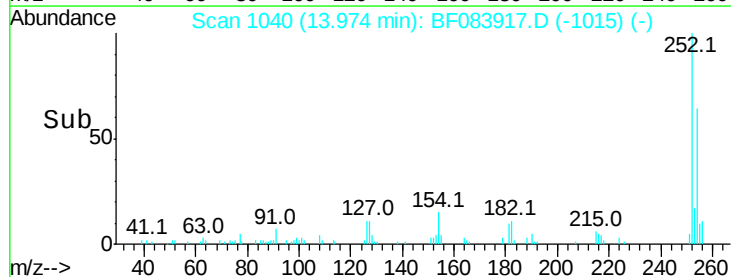
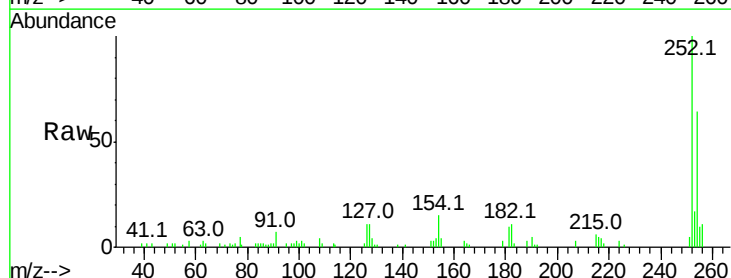
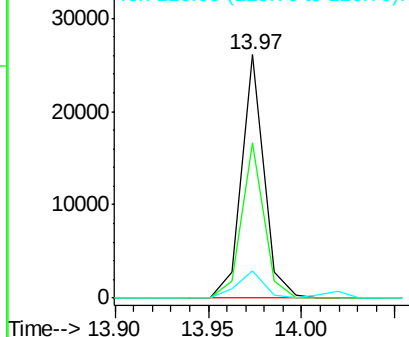
Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E

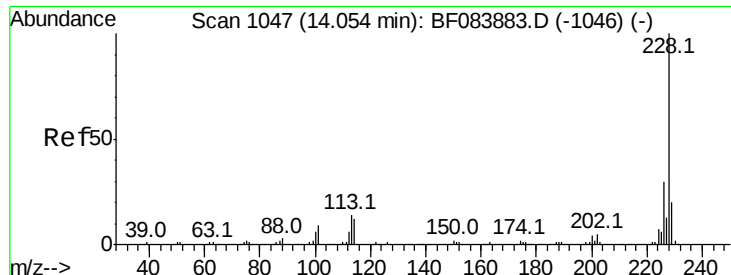


#81
3,3'-Dichlorobenzidine
Concen: 3.83 ng
RT: 13.97 min Scan# 1040
Delta R.T. -0.01 min
Lab File: BF083917.D
Acq: 18 Dec 2015 17:12

Tgt Ion	Ratio	Lower	Upper
252	100		
254	63.8	53.5	80.3
126	11.1	4.9	7.3

Abundance Ion 252.00 (251.70 to 252.70): E
Ion 254.00 (253.70 to 254.70): E
Ion 126.00 (125.70 to 126.70): E





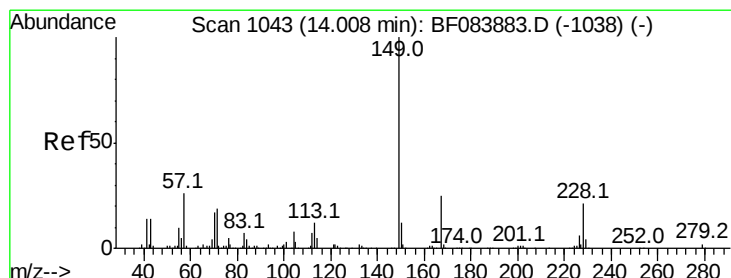
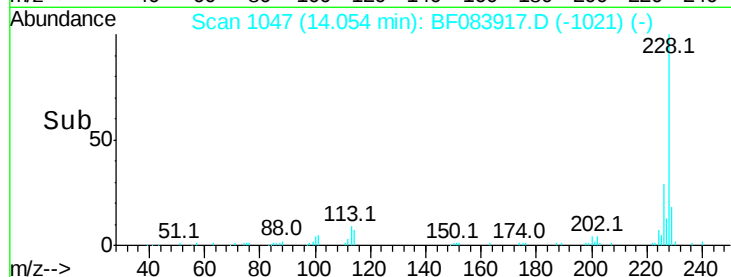
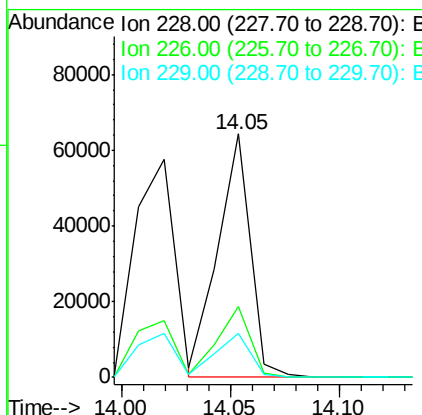
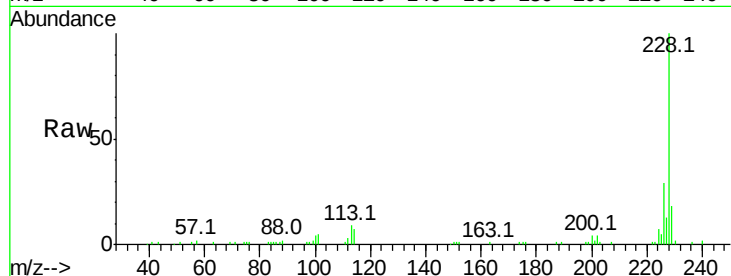
#82
 Chrysene
 Concen: 4.48 ng
 RT: 14.05 min Scan# 1047
 Delta R.T. 0.00 min
 Lab File: BF083917.D
 Acq: 18 Dec 2015 17:12

Instrument :
 BNA_F
 ClientSampleId :
 PB87351BS

Tot Ion	Ratio	Lower	Upper
228	100		
226	28.9	24.3	36.5
229	18.3	16.1	24.1

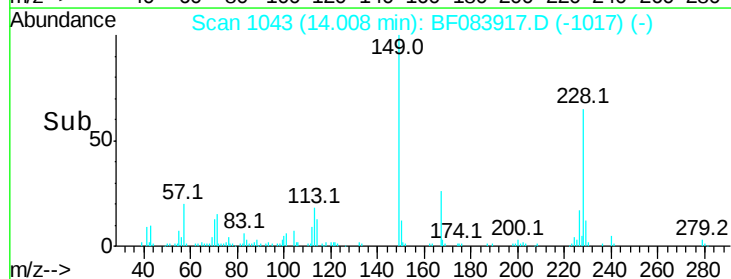
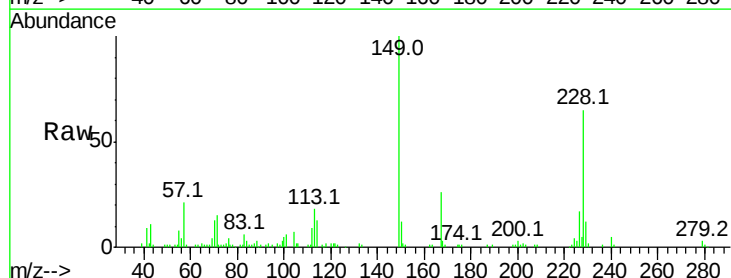
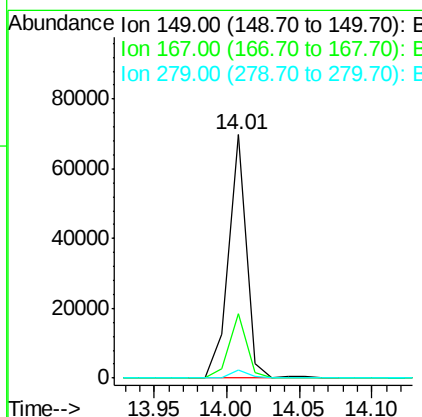
Manual Integrations
 APPROVED

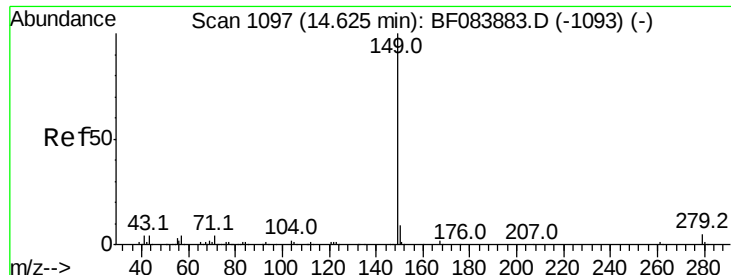
apatel
 12/22/2015 11:51:04 AM



#83
 Bis(2-ethylhexyl)phthalate
 Concen: 5.38 ng
 RT: 14.01 min Scan# 1043
 Delta R.T. 0.00 min
 Lab File: BF083917.D
 Acq: 18 Dec 2015 17:12

Tgt Ion	Ratio	Lower	Upper
149	100		
167	26.3	19.7	29.5
279	3.5	1.8	2.6#





#84

Di-n-octyl phthalate

Concen: 5.31 ng

RT: 14.61 min Scan# 1096

Delta R.T. -0.01 min

Lab File: BF083917.D

Acq: 18 Dec 2015 17:12

Instrument :

BNA_F

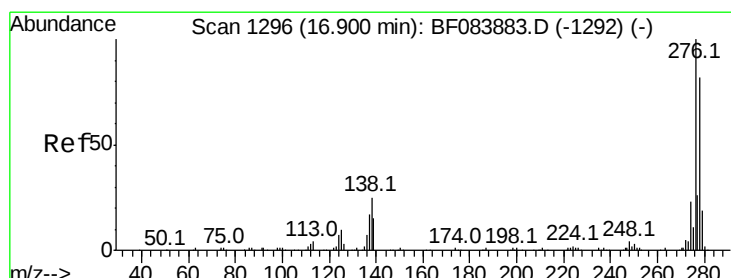
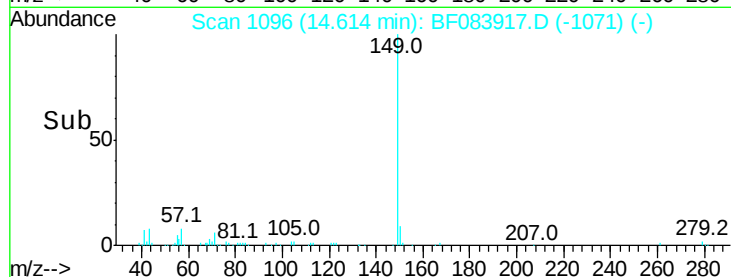
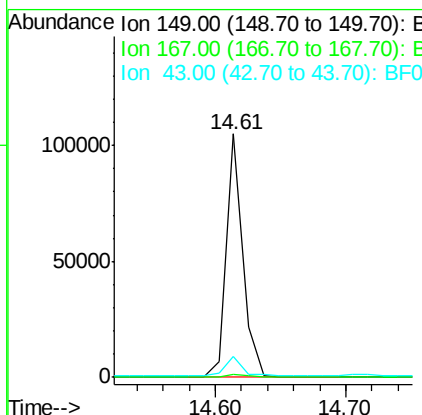
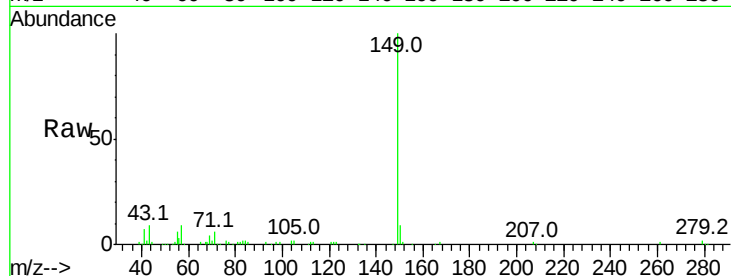
ClientSampleId :

PB87351BS

Tot Ion:	149	Resp:	92465
Ion Ratio	Lower	Upper	
149	100		
167	1.6	1.2	1.8
43	8.9	5.6	8.4

Manual Integrations
APPROVED

apatel
12/22/2015 11:51:04 AM



#85

Indeno(1,2,3-cd)pyrene

Concen: 4.42 ng

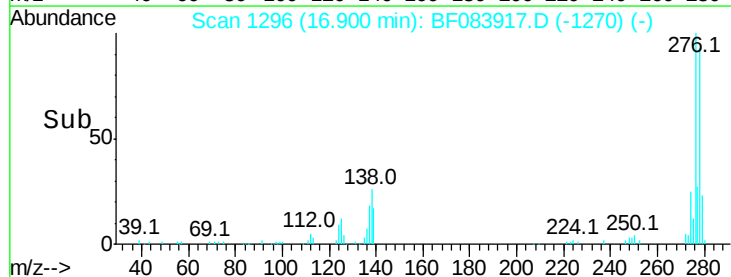
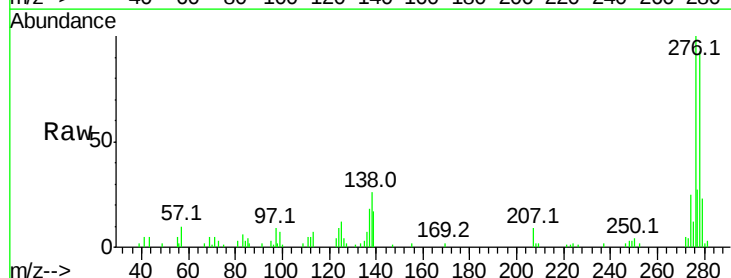
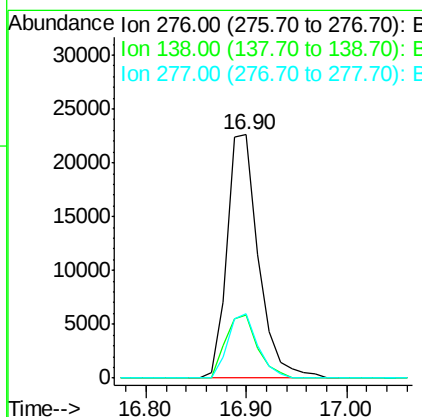
RT: 16.90 min Scan# 1296

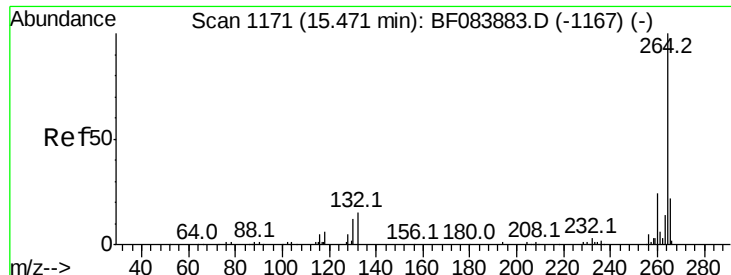
Delta R.T. 0.00 min

Lab File: BF083917.D

Acq: 18 Dec 2015 17:12

Tgt Ion:	276	Resp:	49096
Ion Ratio	Lower	Upper	
276	100		
138	26.2	20.6	30.8
277	25.2	20.1	30.1





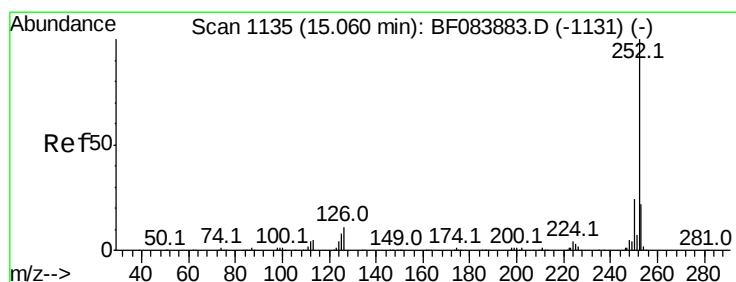
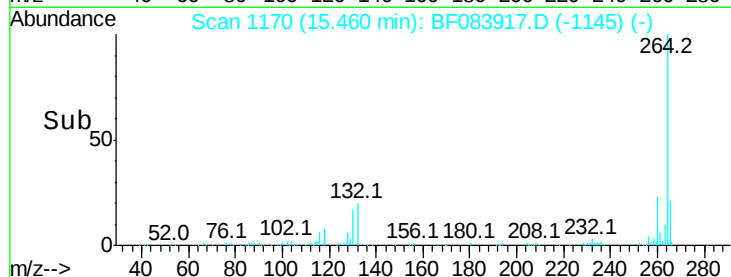
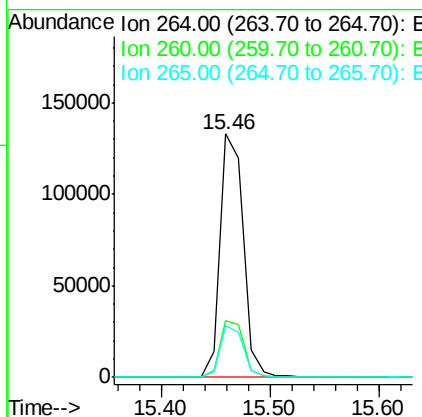
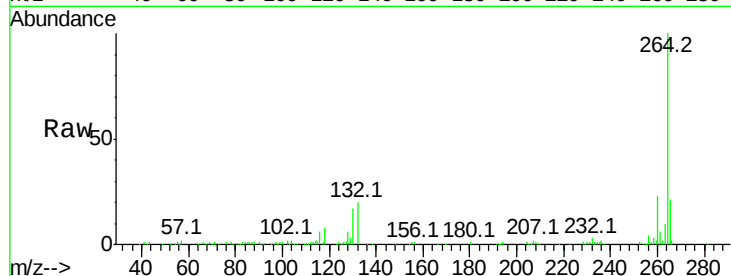
#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.46 min Scan# 1170
Delta R.T. -0.01 min
Lab File: BF083917.D
Acq: 18 Dec 2015 17:12

Instrument :
BNA_F
ClientSampleId :
PB87351BS

Tot Ion	Ratio	Resp	Lower	Upper
264	100			
260	23.4	19.4	29.2	
265	21.3	17.8	26.6	

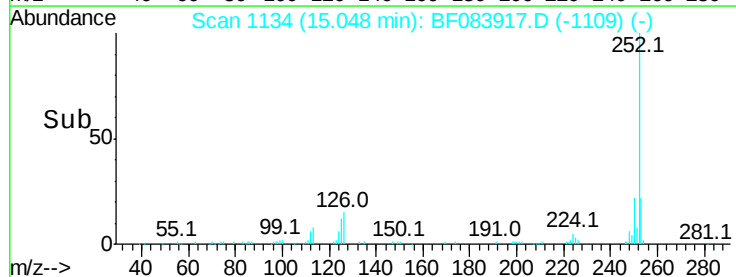
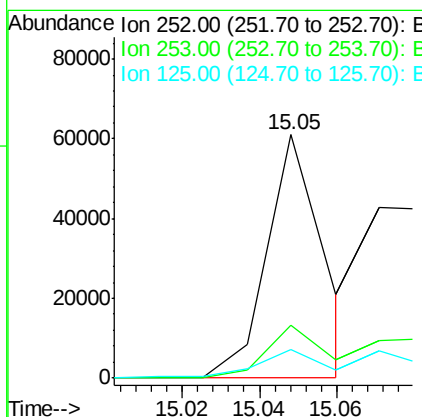
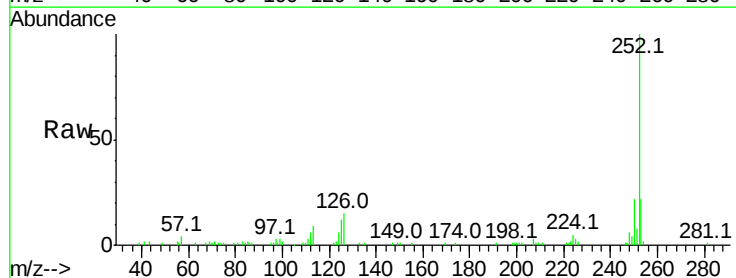
Manual Integrations
APPROVED

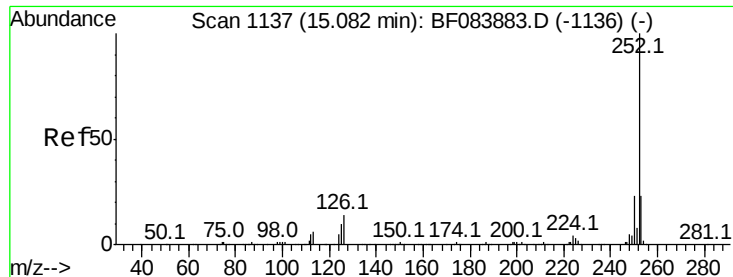
apatel
12/22/2015 11:51:04 AM



#87
Benzo(b)fluoranthene
Concen: 4.31 ng m
RT: 15.05 min Scan# 1134
Delta R.T. -0.01 min
Lab File: BF083917.D
Acq: 18 Dec 2015 17:12

Tgt Ion	Ratio	Resp	Lower	Upper
252	100			
253	21.5	17.3	25.9	
125	11.8	6.5	9.7#	





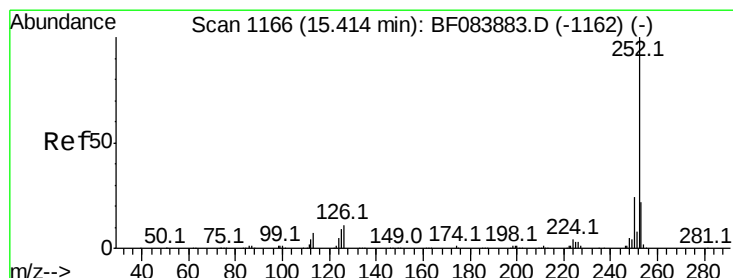
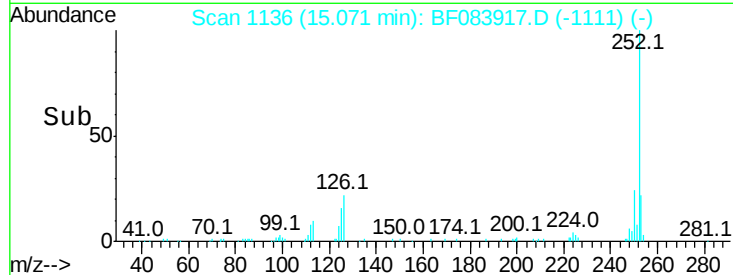
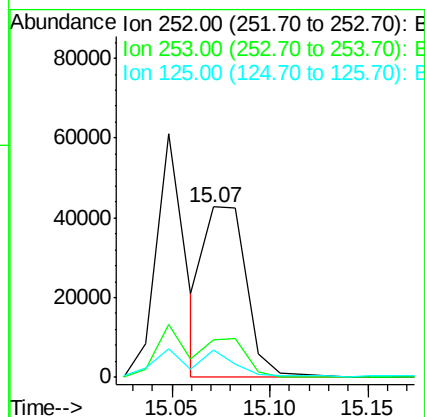
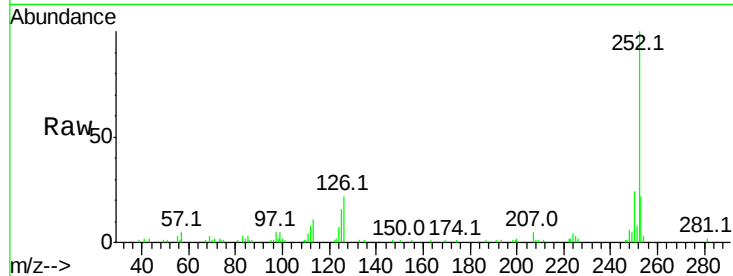
#88
Benzo(k)fluoranthene
Concen: 5.39 ng m
RT: 15.07 min Scan# 1136
Delta R.T. -0.01 min
Lab File: BF083917.D
Acq: 18 Dec 2015 17:12

Instrument :
BNA_F
ClientSampleId :
PB87351BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.9	18.1	27.1
125	16.2	9.0	13.6

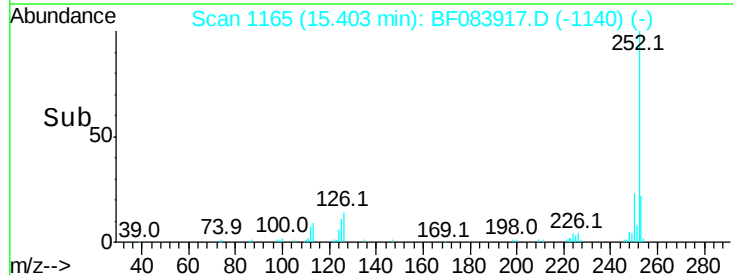
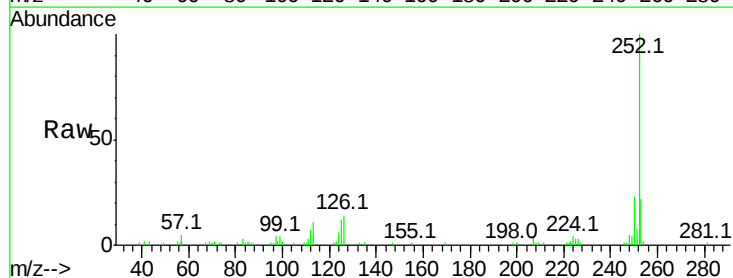
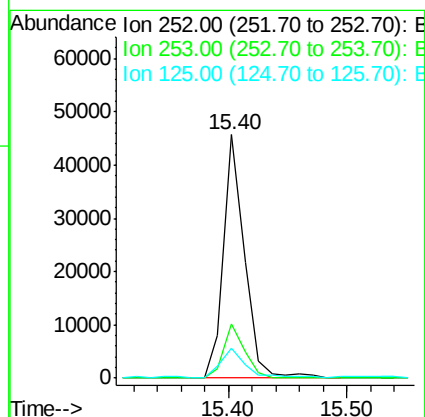
Manual Integrations
APPROVED

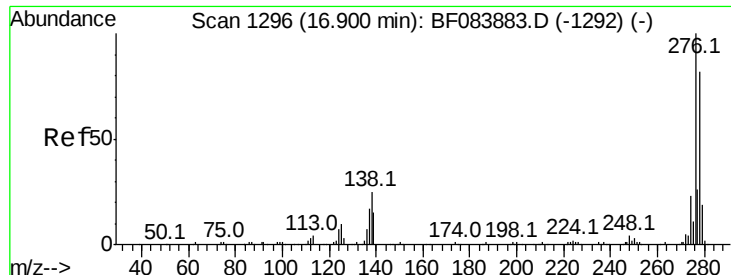
apatel
12/22/2015 11:51:04 AM



#89
Benzo(a)pyrene
Concen: 4.70 ng
RT: 15.40 min Scan# 1165
Delta R.T. -0.01 min
Lab File: BF083917.D
Acq: 18 Dec 2015 17:12

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.3	25.9
125	12.2	7.0	10.4





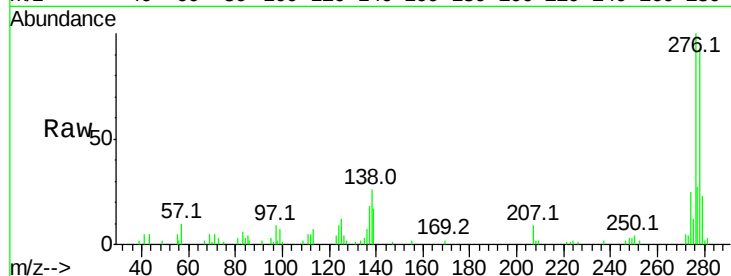
#90
Dibenzo(a,h)anthracene
Concen: 4.49 ng
RT: 16.90 min Scan# 1296
Delta R.T. 0.00 min
Lab File: BF083917.D
Acq: 18 Dec 2015 17:12

Instrument :
BNA_F
ClientSampleId :
PB87351BS

Tot Ion	Ratio	Lower	Upper
278	100		
139	18.6	15.0	22.4
279	25.1	18.9	28.3

Manual Integrations
APPROVED

apatel
12/22/2015 11:51:04 AM

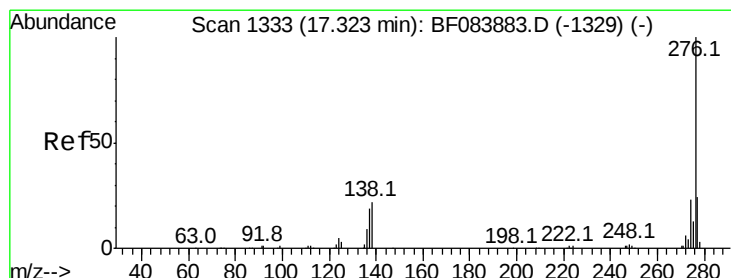
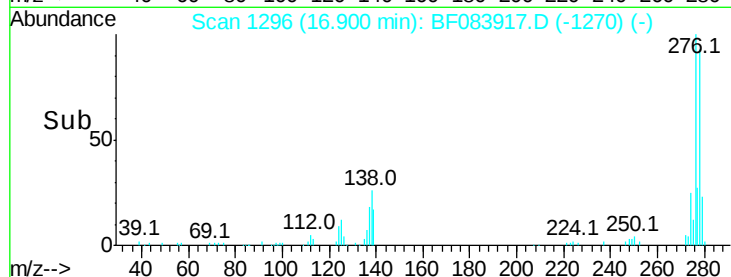
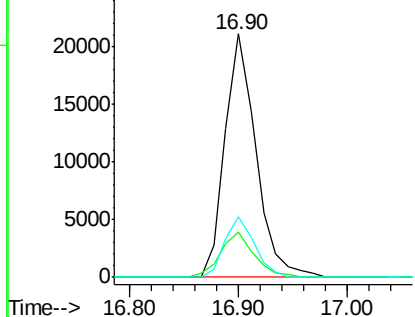


Abundance

Ion 278.00 (277.70 to 278.70): E

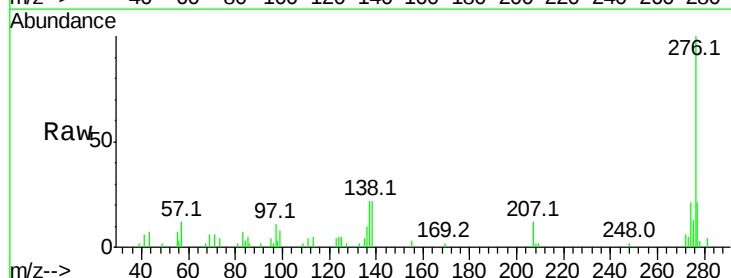
Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#91
Benzo(g,h,i)perylene
Concen: 4.40 ng
RT: 17.32 min Scan# 1333
Delta R.T. 0.00 min
Lab File: BF083917.D
Acq: 18 Dec 2015 17:12

Tgt Ion	Ratio	Lower	Upper
276	100		
277	21.4	18.8	28.2
138	21.7	17.8	26.6



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

