

Data Path : Z:\HPCHEM1\BNA F\DATA\BF121915\
 Data File : BF083914.D
 Acq On : 18 Dec 2015 15:49
 Operator : UM/SJ
 Sample : PB87340BSD
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB87340BSD

Manual Integrations
 APPROVED

apatel
 12/22/2015 11:50:50 AM

Quant Time: Dec 19 04:28:04 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	55103	20.00	ng	-0.01
21) Naphthalene-d8	8.16	136	214476	20.00	ng	0.00
38) Acenaphthene-d10	9.90	164	103791	20.00	ng	-0.01
63) Phenanthrene-d10	11.39	188	198399	20.00	ng	0.00
75) Chrysene-d12	14.03	240	164995	20.00	ng	0.00
86) Perylene-d12	15.47	264	119956	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.49	112	379945	107.91	ng	0.01
7) Phenol-d6	6.52	99	498983	115.78	ng	0.01
23) Nitrobenzene-d5	7.44	82	306942	81.68	ng	0.00
41) 2,4,6-Tribromophenol	10.70	330	155496	135.99	ng	0.00
44) 2-Fluorobiphenyl	9.23	172	590566	79.01	ng	-0.01
78) Terphenyl-d14	12.98	244	673339	96.24	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.53	88	41140	26.93	ng	97
3) Pyridine	3.28	79	123843	32.79	ng	99
4) n-Nitrosodimethylamine	3.22	42	57312	39.78	ng	97
6) Aniline	6.53	93	135532	24.42	ng	# 38
8) 2-Chlorophenol	6.66	128	165613	39.52	ng	93
9) Benzaldehyde	6.41	77	49077	18.90	ng	97
10) Phenol	6.53	94	186997	38.88	ng	96
11) bis(2-Chloroethyl)ether	6.60	93	130267	35.66	ng	95
12) 1,3-Dichlorobenzene	6.81	146	165451m	36.71	ng	
13) 1,4-Dichlorobenzene	6.89	146	169434m	36.83	ng	
14) 1,2-Dichlorobenzene	7.04	146	149598	39.93	ng	97
15) Benzyl Alcohol	7.01	79	131275	40.25	ng	91
16) 2,2'-oxybis(1-Chloropropan	7.15	45	132242	35.10	ng	97
17) 2-Methylphenol	7.14	107	126228	38.40	ng	95
18) Hexachloroethane	7.38	117	61958	36.70	ng	95
19) n-Nitroso-di-n-propylamine	7.29	70	104037	41.41	ng	# 91
20) 3+4-Methylphenols	7.29	107	159547	41.30	ng	# 61
22) Acetophenone	7.28	105	209541	40.58	ng	96
24) Nitrobenzene	7.45	77	143323	36.88	ng	96
25) Isophorone	7.69	82	281020	39.74	ng	98
26) 2-Nitrophenol	7.77	139	80817	40.17	ng	# 86
27) 2,4-Dimethylphenol	7.81	122	145984	42.13	ng	99
28) bis(2-Chloroethoxy)methane	7.90	93	179103	42.82	ng	98
29) 2,4-Dichlorophenol	8.02	162	138077	43.92	ng	95
30) 1,2,4-Trichlorobenzene	8.10	180	133692	39.59	ng	95
31) Naphthalene	8.18	128	457340	42.19	ng	99
32) Benzoic acid	7.95	122	75415	55.63	ng	96
33) 4-Chloroaniline	8.22	127	85013	17.46	ng	# 92
34) Hexachlorobutadiene	8.29	225	73209	34.72	ng	99
35) Caprolactam	8.59	113	43066m	41.46	ng	
36) 4-Chloro-3-methylphenol	8.72	107	147903	41.55	ng	93
37) 2-Methylnaphthalene	8.86	142	302930	40.64	ng	96
39) 1,2,4,5-Tetrachlorobenzene	9.04	216	133579	40.82	ng	97
40) Hexachlorocyclopentadiene	9.02	237	73288	68.14	ng	97

Data Path : Z:\HPCHEM1\BNA F\DATA\BF121915\
 Data File : BF083914.D
 Acq On : 18 Dec 2015 15:49
 Operator : UM/SJ
 Sample : PB87340BSD
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB87340BSD

Manual Integrations
 APPROVED

apatel
 12/22/2015 11:50:50 AM

Quant Time: Dec 19 04:28:04 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)
42) 2,4,6-Trichlorophenol	9.15	196	91499	42.35	nq	97
43) 2,4,5-Trichlorophenol	9.20	196	96396	45.08	nq #	92
45) 1,1'-Biphenyl	9.33	154	400659	46.04	nq	98
46) 2-Chloronaphthalene	9.36	162	292917	42.87	nq	96
47) 2-Nitroaniline	9.45	65	75743	36.90	nq	91
48) Acenaphthylene	9.77	152	450241	37.21	nq	99
49) Dimethylphthalate	9.63	163	344570	39.56	nq #	90
50) 2,6-Dinitrotoluene	9.70	165	81337	42.81	nq	90
51) Acenaphthene	9.94	154	311928	41.93	nq	100
52) 3-Nitroaniline	9.86	138	44880	22.41	nq	93
53) 2,4-Dinitrophenol	9.97	184	67243	96.19	nq #	83
54) Dibenzofuran	10.11	168	401584	41.56	nq #	89
55) 4-Nitrophenol	10.04	139	107456	85.95	nq	85
56) 2,4-Dinitrotoluene	10.10	165	99560	40.88	nq	95
57) Fluorene	10.45	166	313413	42.48	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.24	232	75733	47.87	nq	99
59) Diethylphthalate	10.34	149	377413	41.92	nq	98
60) 4-Chlorophenyl-phenylether	10.45	204	146400	39.53	nq #	87
61) 4-Nitroaniline	10.48	138	72673	35.07	nq	98
62) Azobenzene	10.61	77	342920	45.44	nq	92
64) 4,6-Dinitro-2-methylphenol	10.51	198	49216	40.99	nq	78
65) n-Nitrosodiphenylamine	10.57	169	289946	40.16	nq	98
66) 4-Bromophenyl-phenylether	10.93	248	89055	36.72	nq #	67
67) Hexachlorobenzene	11.01	284	107944	42.26	nq	93
68) Atrazine	11.09	200	89470	39.12	nq	99
69) Pentachlorophenol	11.21	266	98805	90.51	nq	99
70) Phenanthrene	11.41	178	464685	38.77	nq	100
71) Anthracene	11.47	178	498517	43.02	nq	99
72) Carbazole	11.62	167	434662	37.97	nq	99
73) Di-n-butylphthalate	11.95	149	562836	41.84	nq #	97
74) Fluoranthene	12.60	202	472589	39.51	nq	100
76) Benzidine	12.72	184	157549	23.85	nq	99
77) Pyrene	12.83	202	484227	45.91	nq	100
79) Butylbenzylphthalate	13.45	149	247198	45.01	nq	99
80) Benzo(a)anthracene	14.02	228	419558	41.36	nq	100
81) 3,3'-Dichlorobenzidine	13.99	252	93516	24.66	nq	98
82) Chrysene	14.07	228	381410	38.92	nq	99
83) Bis(2-ethylhexyl)phthalate	14.01	149	336450	45.88	nq	99
84) Di-n-octyl phthalate	14.63	149	567911	49.49	nq	100
85) Indeno(1,2,3-cd)pyrene	16.91	276	305403	41.68	nq	99
87) Benzo(b)fluoranthene	15.06	252	370676m	42.38	nq	
88) Benzo(k)fluoranthene	15.08	252	318860m	44.20	nq	
89) Benzo(a)pyrene	15.41	252	311891	43.19	nq #	98
90) Dibenzo(a,h)anthracene	16.91	278	255058	45.40	nq	97
91) Benzo(g,h,i)perylene	17.33	276	251729	45.72	nq	100

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

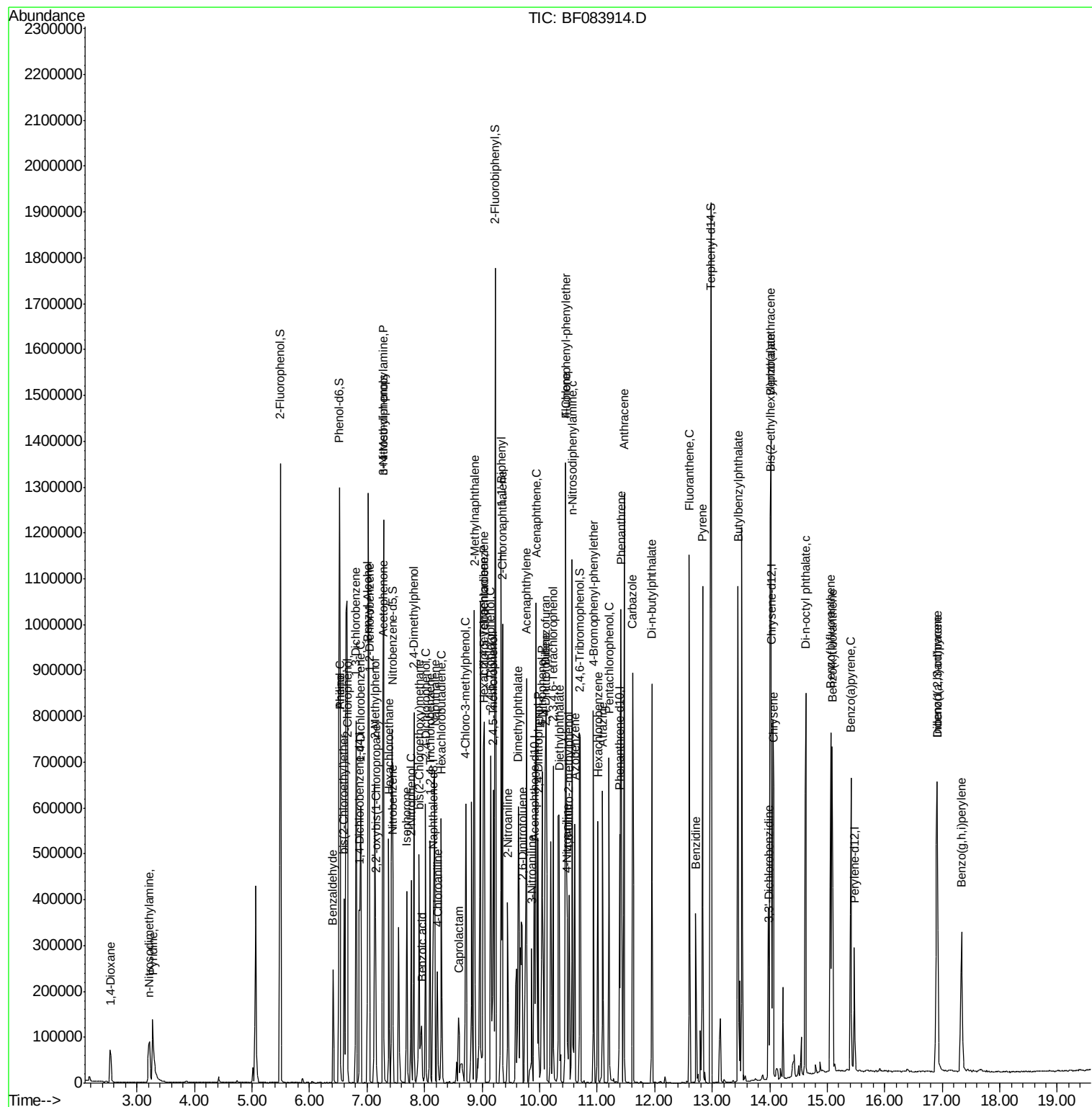
Data Path : Z:\HPCHEM1\BNA F\DATA\BF121915\
Data File : BF083914.D
Acq On : 18 Dec 2015 15:49
Operator : UM/SJ
Sample : PB87340BSD
Misc :
ALS Vial : 5 Sample Multiplier: 1

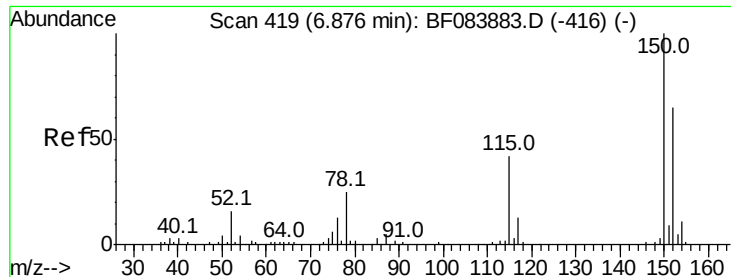
Instrument :
BNA_F
ClientSampleId :
PB87340BSD

Manual Integrations
APPROVED

apatel
12/22/2015 11:50:50 AM

Quant Time: Dec 19 04:28:04 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

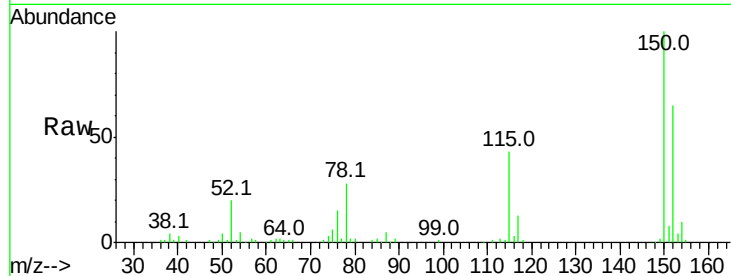
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.86 min Scan# 418
Delta R.T. -0.01 min
Lab File: BF083914.D
Acq: 18 Dec 2015 15:49

Instrument :
BNA_F
ClientSampleId :
PB87340BSD

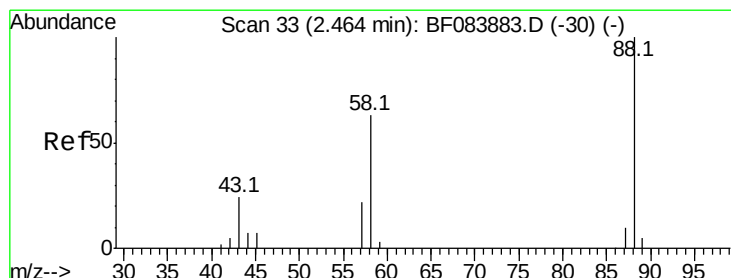
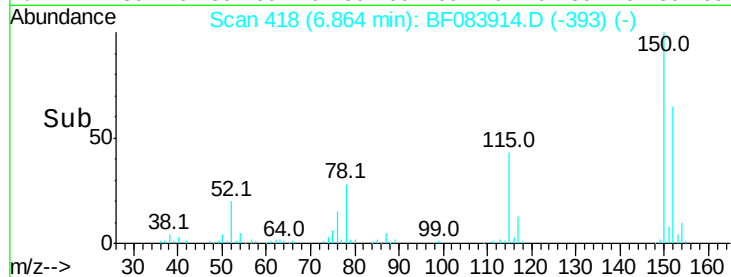
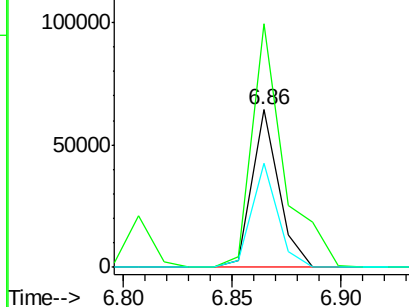
Tot Ion	Ratio	Lower	Upper
152	100		
150	154.8	123.0	184.4
115	66.0	51.4	77.2

Manual Integrations
APPROVED

apatel
12/22/2015 11:50:50 AM



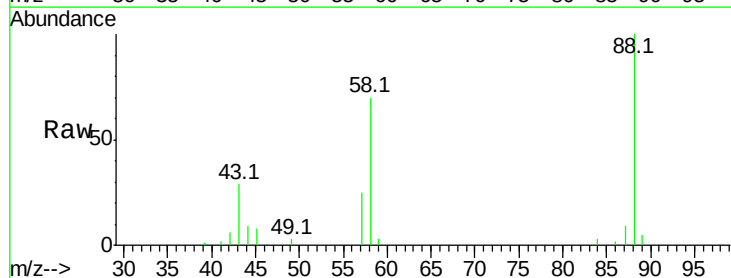
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



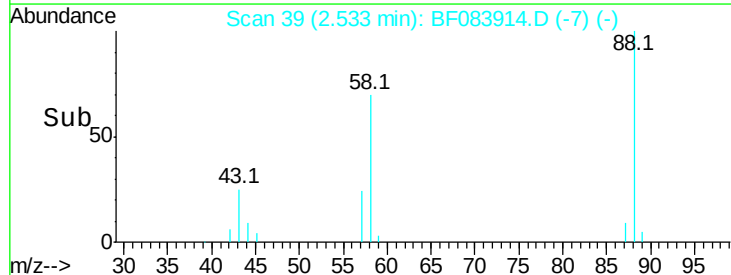
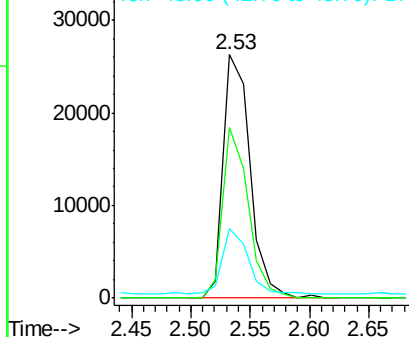
#2

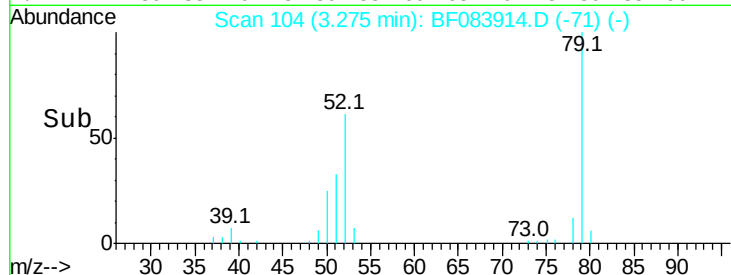
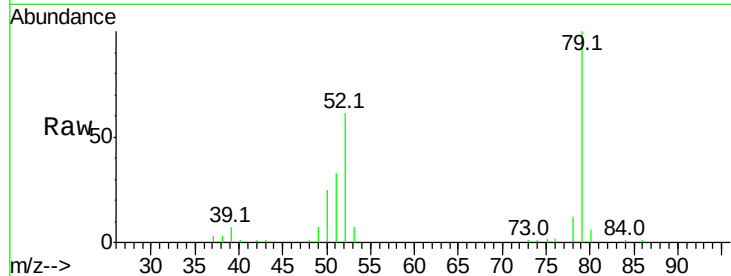
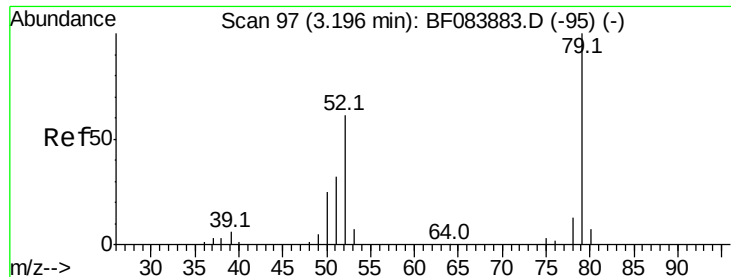
1,4-Dioxane
Concen: 26.93 ng
RT: 2.53 min Scan# 39
Delta R.T. 0.07 min
Lab File: BF083914.D
Acq: 18 Dec 2015 15:49

Tgt Ion	Ratio	Lower	Upper
88	100		
58	66.5	51.2	76.8
43	26.4	19.5	29.3



Abundance Ion 88.00 (87.70 to 88.70): BF0
Ion 58.00 (57.70 to 58.70): BF0
Ion 43.00 (42.70 to 43.70): BF0





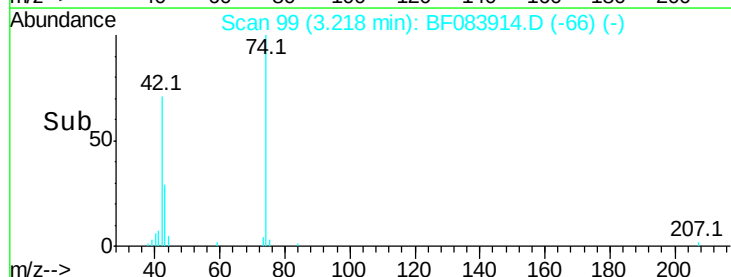
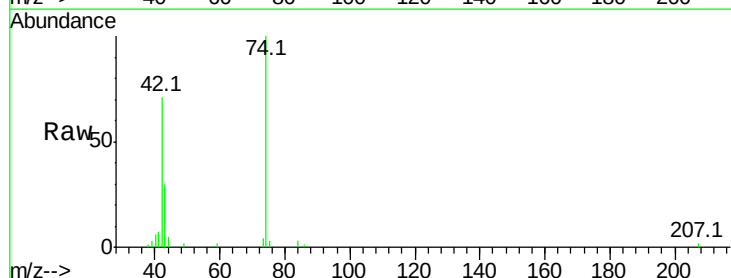
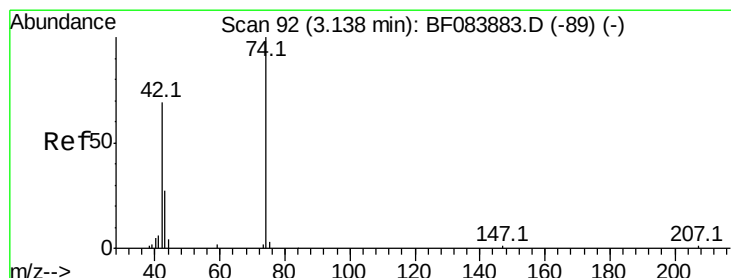
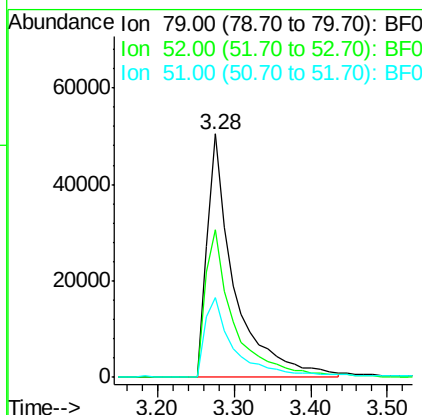
#3
 Pvridine
 Concen: 32.79 ng
 RT: 3.28 min Scan# 104
 Delta R.T. 0.08 min
 Lab File: BF083914.D
 Acq: 18 Dec 2015 15:49

Tot Ion	Ratio	Lower	Upper
79	100		
52	60.8	49.0	73.4
51	32.6	25.2	37.8

Instrument :
 BNA_F
 ClientSampleId :
 PB87340BSD

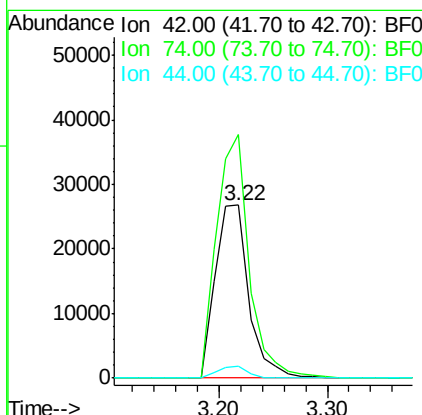
Manual Integrations
 APPROVED

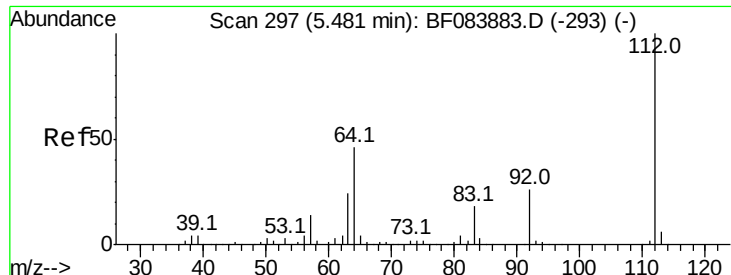
apatel
 12/22/2015 11:50:50 AM



#4
 n-Nitrosodimethylamine
 Concen: 39.78 ng
 RT: 3.22 min Scan# 99
 Delta R.T. 0.08 min
 Lab File: BF083914.D
 Acq: 18 Dec 2015 15:49

Tgt Ion	Ratio	Lower	Upper
42	100		
74	141.0	115.7	173.5
44	6.7	5.1	7.7





#5

2-Fluorophenol

Concen: 107.91 ng

RT: 5.49 min Scan# 298

Delta R.T. 0.01 min

Lab File: BF083914.D

Acq: 18 Dec 2015 15:49

Instrument :

BNA_F

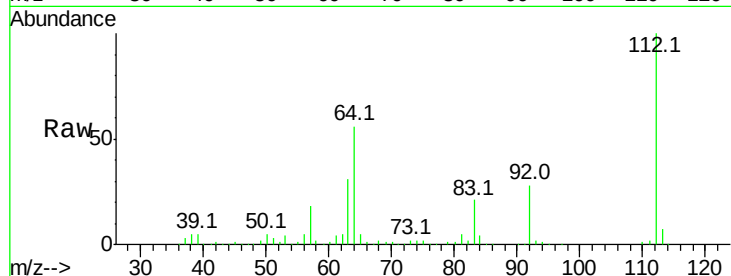
ClientSampleID :

PB87340BSD

Tot Ion:	112	Resp:	379945
Ion Ratio	Lower	Upper	
112	100		
64	56.0	36.6	55.0#
63	30.9	19.4	29.0#

Manual Integrations
APPROVED

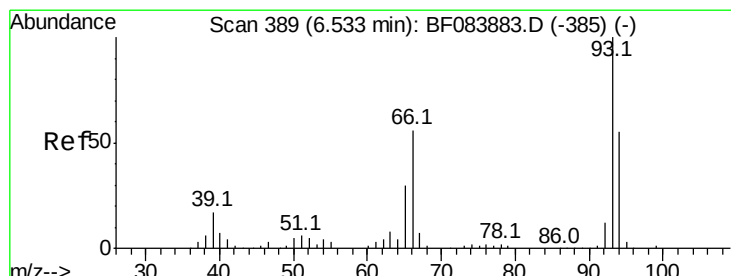
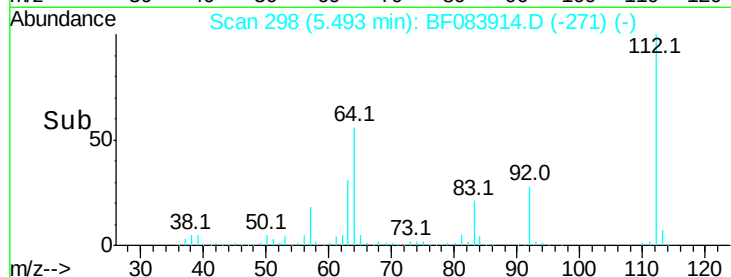
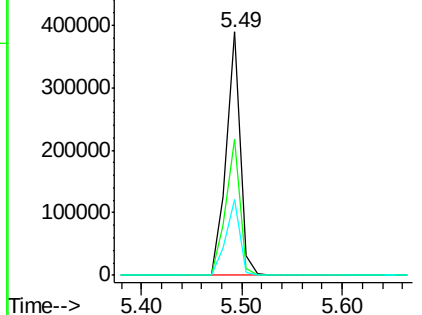
apatel
12/22/2015 11:50:50 AM



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 24.42 ng

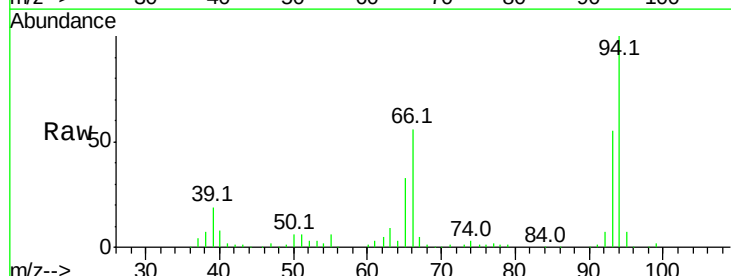
RT: 6.53 min Scan# 389

Delta R.T. -0.00 min

Lab File: BF083914.D

Acq: 18 Dec 2015 15:49

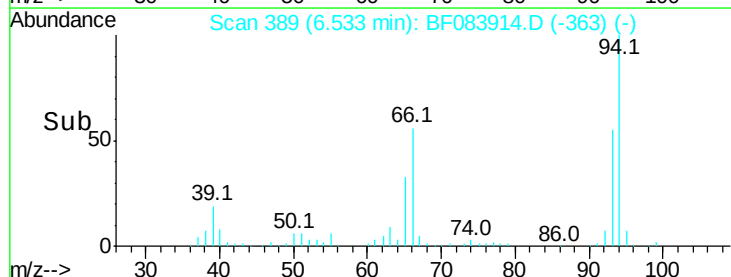
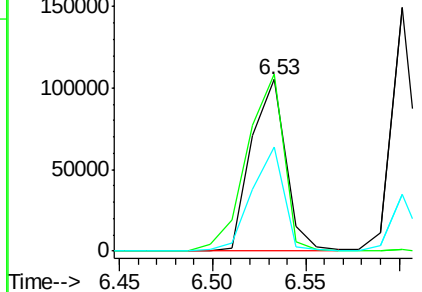
Tgt Ion:	93	Resp:	135532
Ion Ratio	Lower	Upper	
93	100		
66	102.9	44.9	67.3#
65	61.0	23.7	35.5#

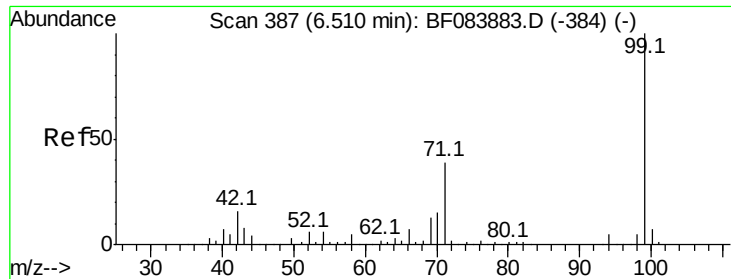


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 115.78 ng

RT: 6.52 min Scan# 388

Delta R.T. 0.01 min

Lab File: BF083914.D

Acq: 18 Dec 2015 15:49

Instrument :

BNA_F

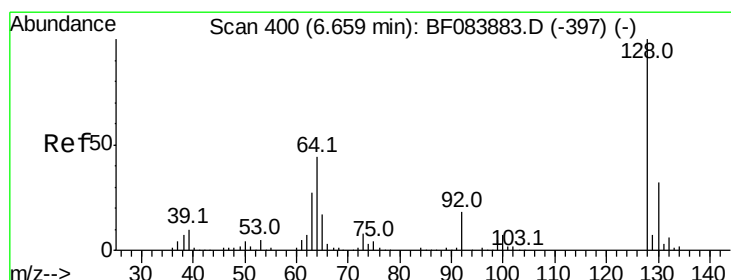
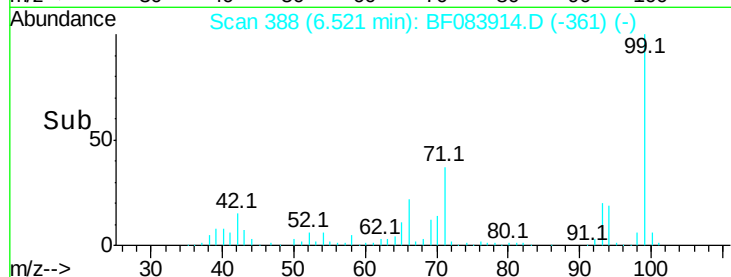
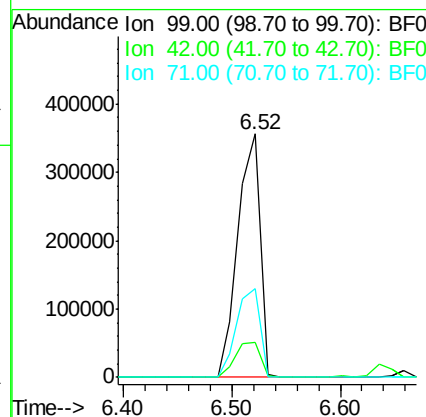
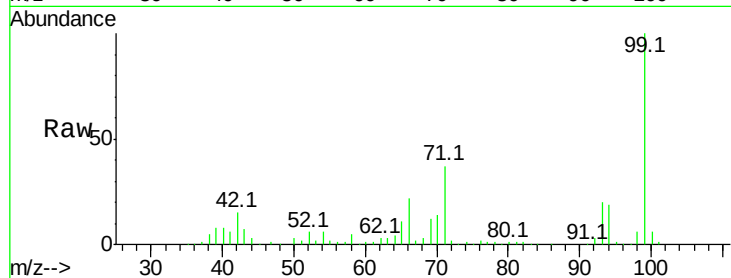
ClientSampleId :

PB87340BSD

Tot Ion:	99	Resp:	498983
Ion Ratio	Lower	Upper	
99	100		
42	14.6	12.8	19.2
71	36.6	30.9	46.3

Manual Integrations
APPROVED

apatel
12/22/2015 11:50:50 AM



#8

2-Chlorophenol

Concen: 39.52 ng

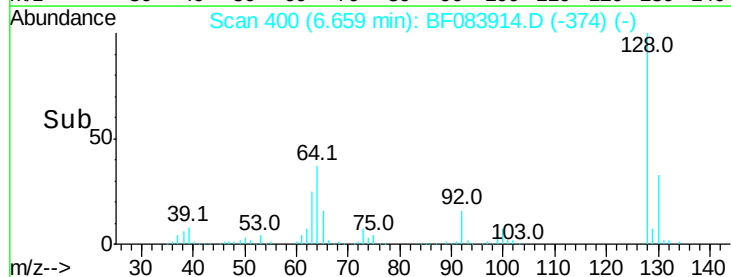
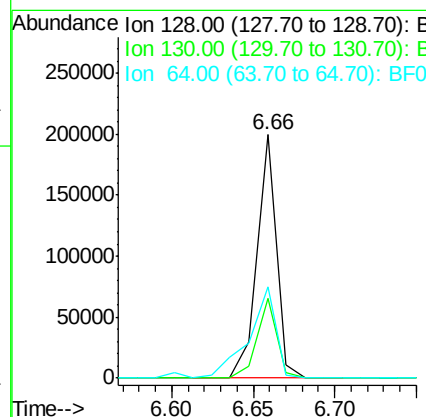
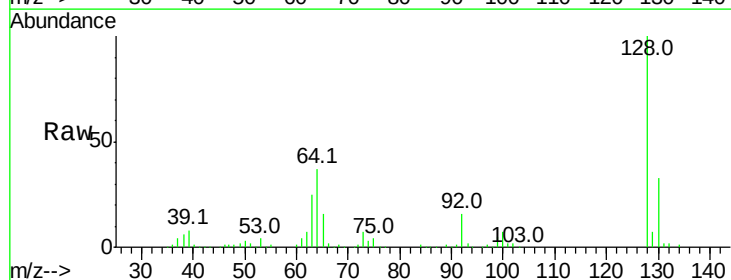
RT: 6.66 min Scan# 400

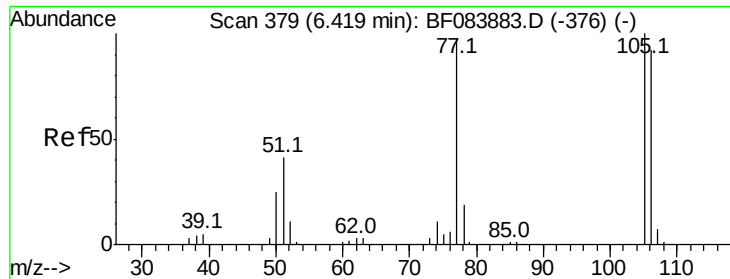
Delta R.T. -0.00 min

Lab File: BF083914.D

Acq: 18 Dec 2015 15:49

Tgt Ion:	128	Resp:	165613
Ion Ratio	Lower	Upper	
128	100		
130	32.9	11.6	51.6
64	37.4	23.8	63.8





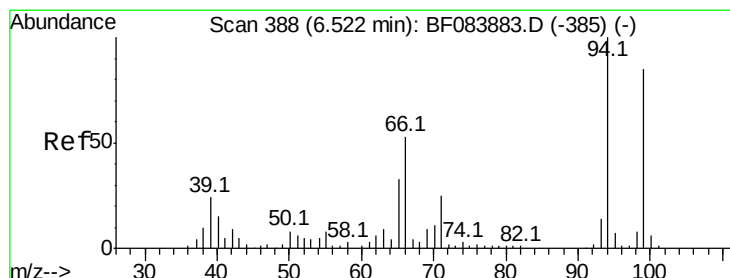
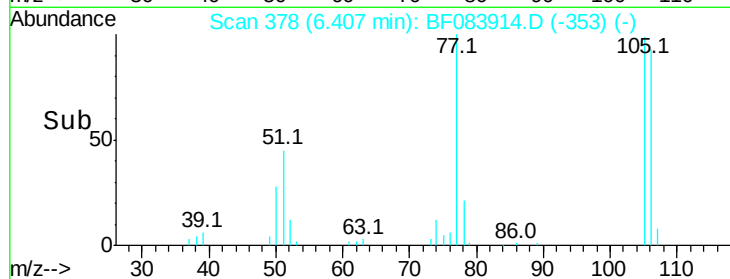
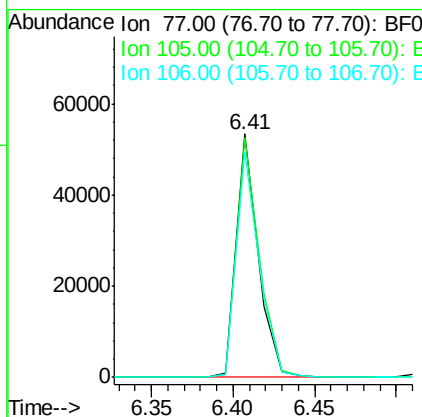
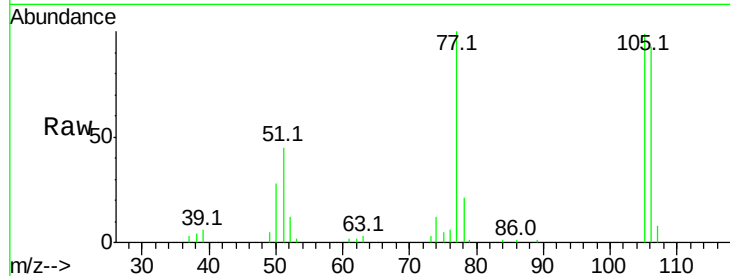
#9
Benzaldehyde
Concen: 18.90 ng
RT: 6.41 min Scan# 378
Delta R.T. -0.01 min
Lab File: BF083914.D
Acq: 18 Dec 2015 15:49

Instrument :
BNA_F
ClientSampleId :
PB87340BSD

Tot Ion: 77 Resp: 49077
Ion Ratio Lower Upper
77 100
105 98.7 83.0 123.0
106 92.5 74.6 114.6

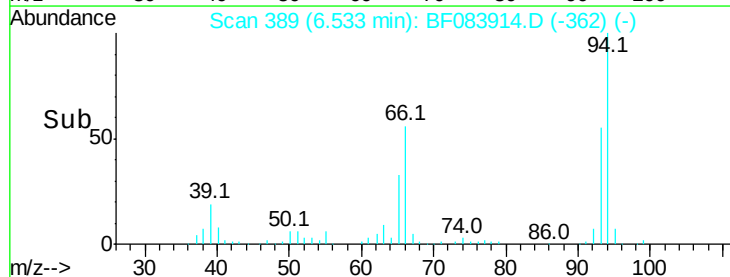
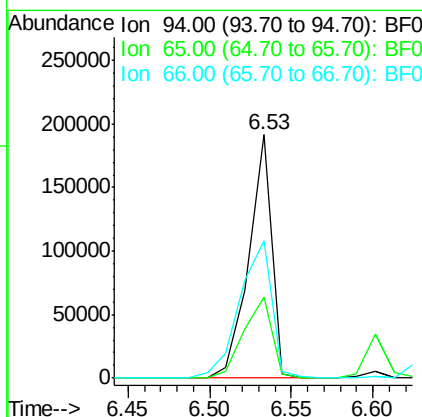
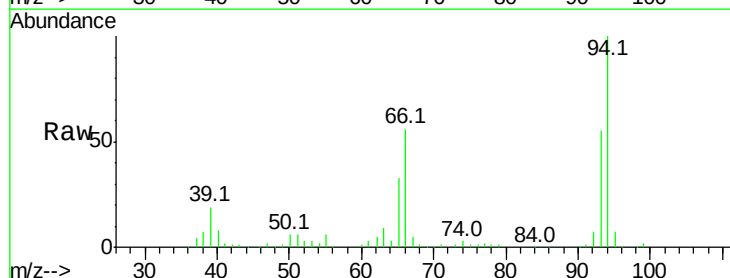
Manual Integrations
APPROVED

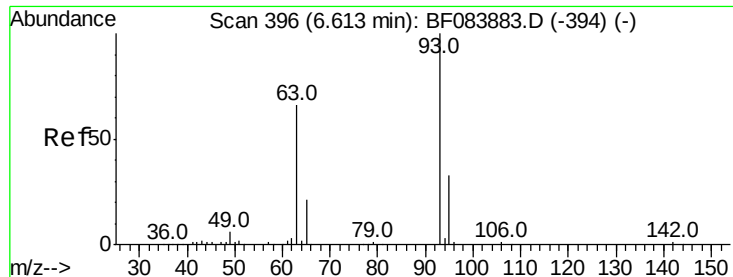
apatel
12/22/2015 11:50:50 AM



#10
Phenol
Concen: 38.88 ng
RT: 6.53 min Scan# 389
Delta R.T. 0.01 min
Lab File: BF083914.D
Acq: 18 Dec 2015 15:49

Tgt Ion: 94 Resp: 186997
Ion Ratio Lower Upper
94 100
65 33.5 12.9 52.9
66 56.5 32.7 72.7





#11

bis(2-Chloroethyl)ether

Concen: 35.66 ng

RT: 6.60 min Scan# 395

Delta R.T. -0.01 min

Lab File: BF083914.D

Acq: 18 Dec 2015 15:49

Instrument :

BNA_F

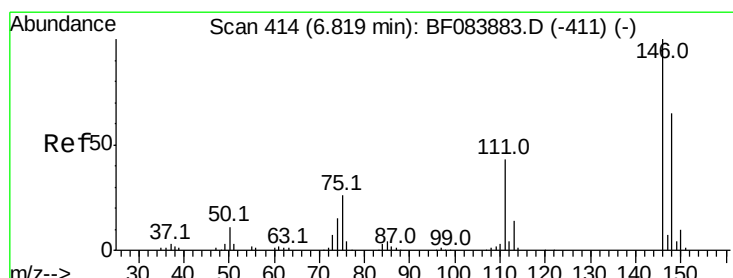
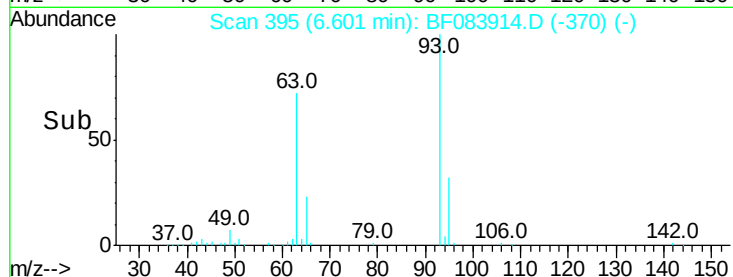
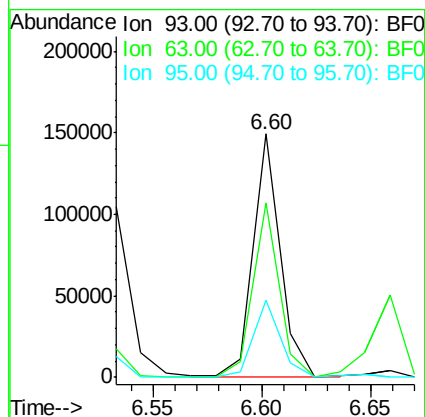
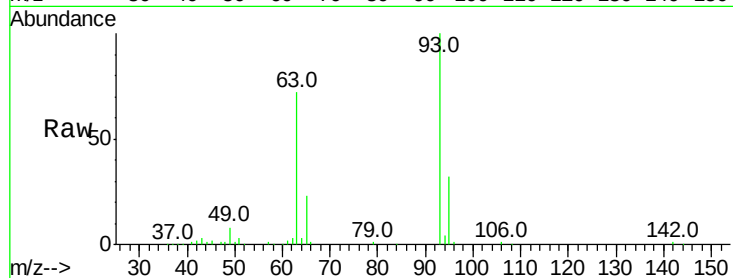
ClientSampleId :

PB87340BSD

Tot Ion:	93	Resp:	130267
Ion Ratio	Lower	Upper	
93	100		
63	71.9	45.9	85.9
95	31.7	12.3	52.3

Manual Integrations
APPROVED

apatel
12/22/2015 11:50:50 AM



#12

1,3-Dichlorobenzene

Concen: 36.71 ng m

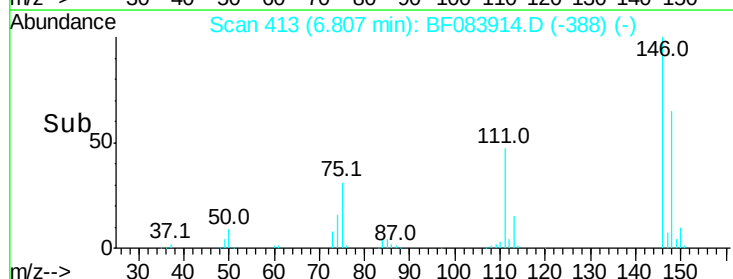
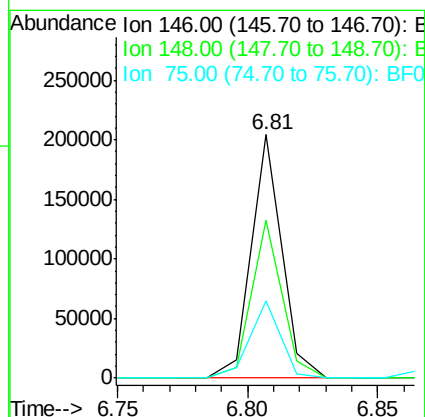
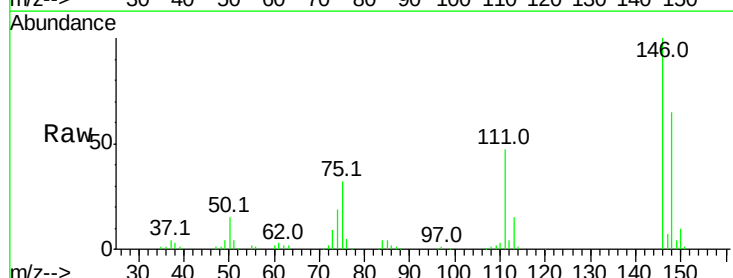
RT: 6.81 min Scan# 413

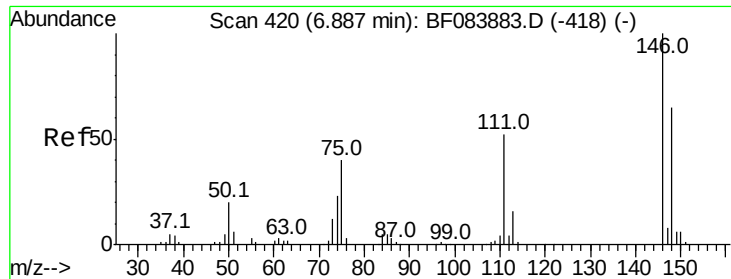
Delta R.T. -0.01 min

Lab File: BF083914.D

Acq: 18 Dec 2015 15:49

Tgt Ion:	146	Resp:	165451
Ion Ratio	Lower	Upper	
146	100		
148	64.9	51.9	77.9
75	31.9	20.5	30.7#





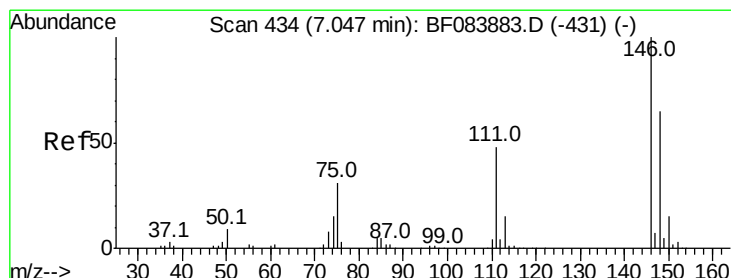
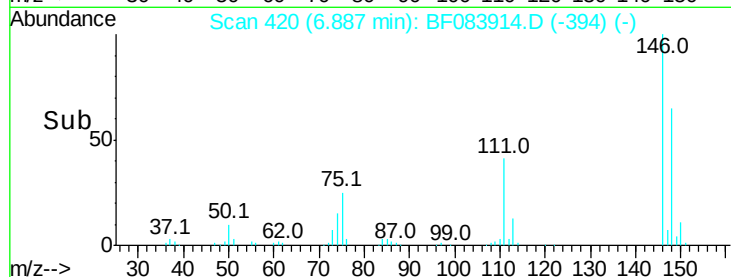
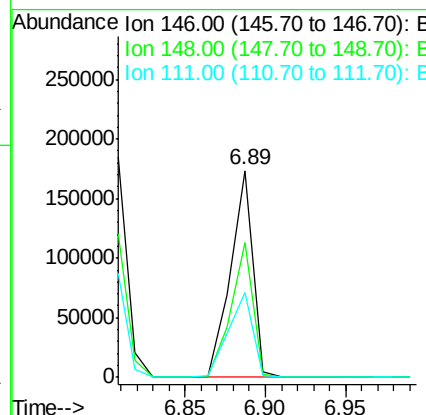
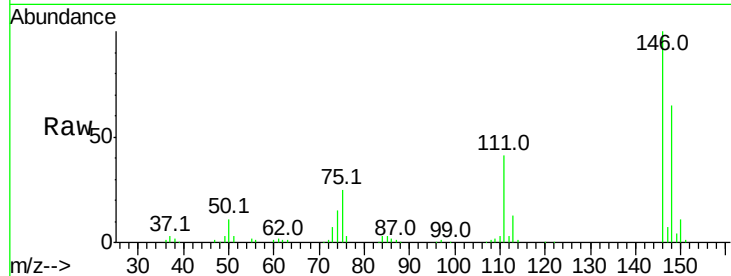
#13
1,4-Dichlorobenzene
Concen: 36.83 ng/mL
RT: 6.89 min Scan# 420
Delta R.T. -0.00 min
Lab File: BF083914.D
Acq: 18 Dec 2015 15:49

Instrument :
BNA_F
ClientSampleID :
PB87340BSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	65.0	51.9	77.9
111	40.7	41.6	62.4

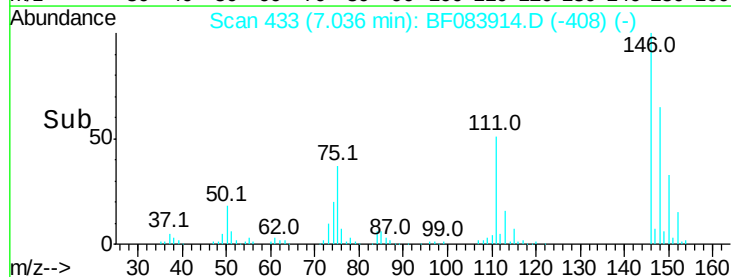
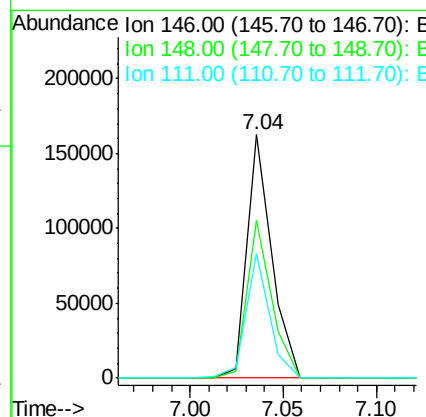
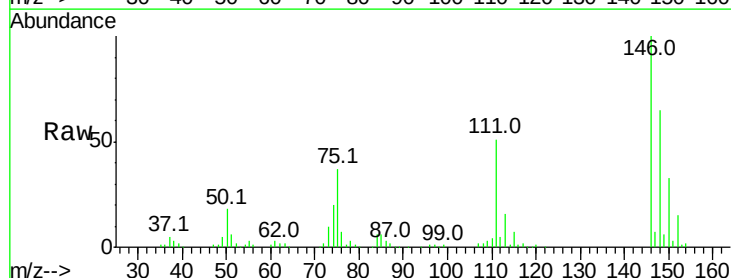
Manual Integrations
APPROVED

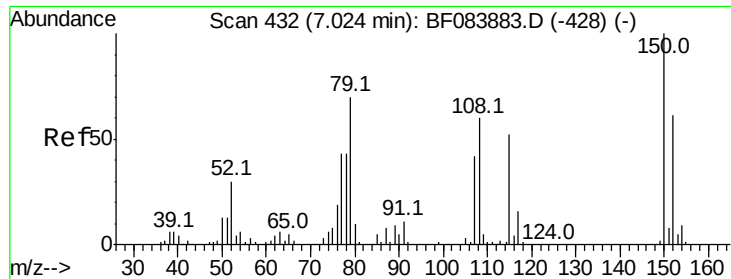
apatel
12/22/2015 11:50:50 AM



#14
1,2-Dichlorobenzene
Concen: 39.93 ng/mL
RT: 7.04 min Scan# 433
Delta R.T. -0.01 min
Lab File: BF083914.D
Acq: 18 Dec 2015 15:49

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.7	51.6	77.4
111	51.3	38.0	57.0





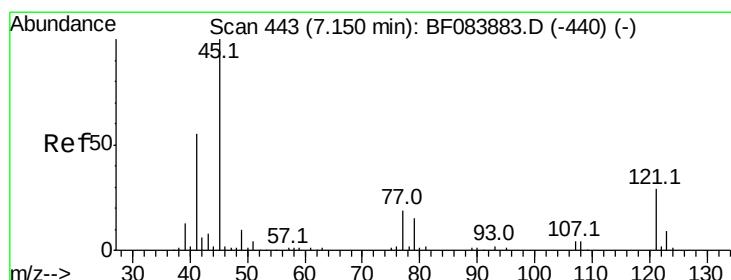
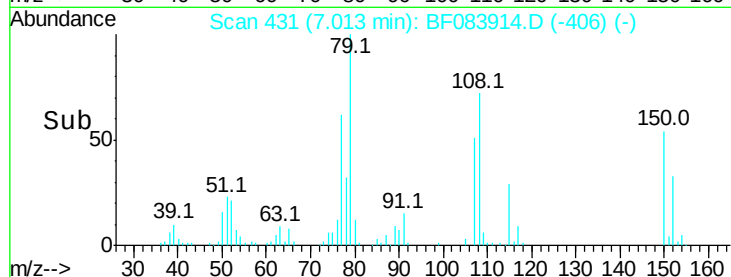
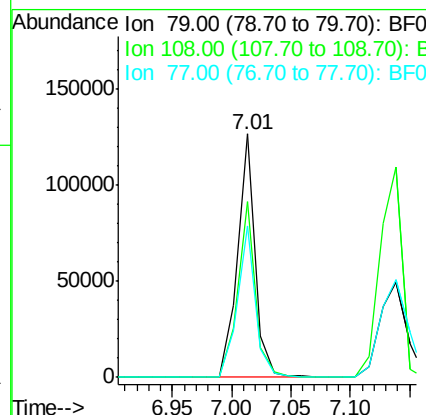
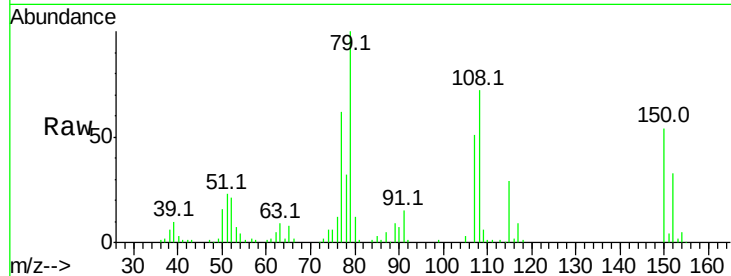
#15
Benzyl Alcohol
Concen: 40.25 ng
RT: 7.01 min Scan# 431
Delta R.T. -0.01 min
Lab File: BF083914.D
Acq: 18 Dec 2015 15:49

Instrument :
BNA_F
ClientSampleId :
PB87340BSD

Tot Ion	Ratio	Resp	Lower	Upper
79	100			
108	72.3	69.0	103.4	
77	62.2	50.0	75.0	

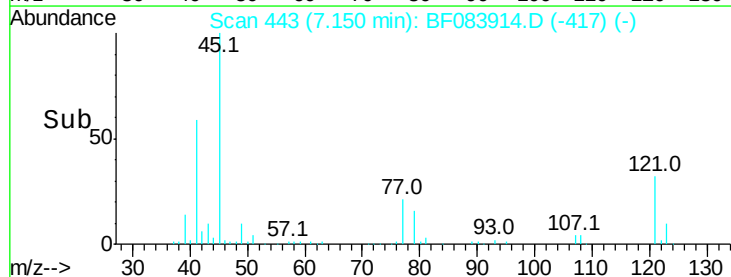
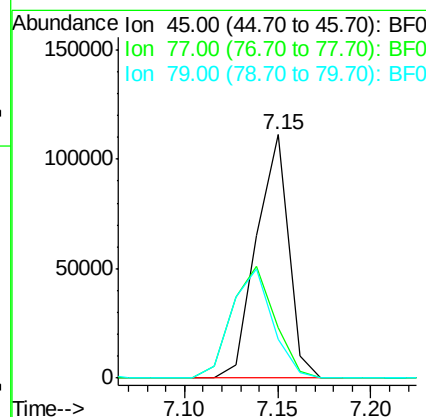
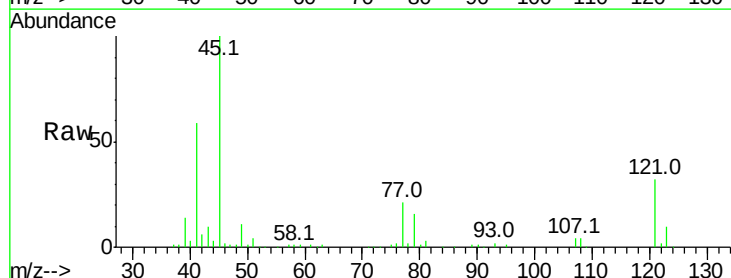
Manual Integrations
APPROVED

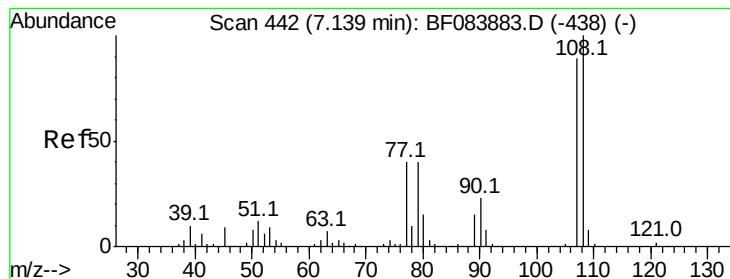
apatel
12/22/2015 11:50:50 AM



#16
2,2'-oxybis(1-chloropropane)
Concen: 35.10 ng
RT: 7.15 min Scan# 443
Delta R.T. -0.00 min
Lab File: BF083914.D
Acq: 18 Dec 2015 15:49

Tgt Ion	Ratio	Resp	Lower	Upper
45	100			
77	20.9	0.0	39.6	
79	15.9	0.0	35.0	





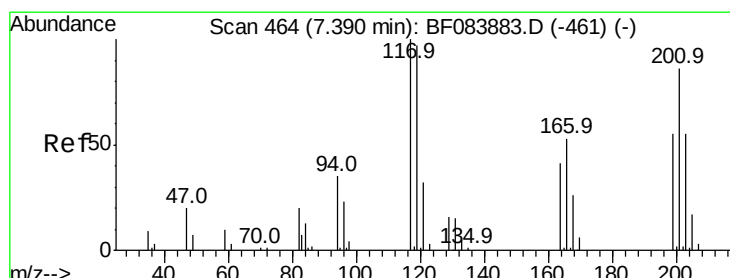
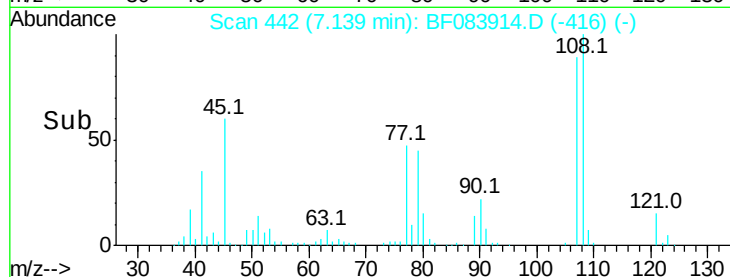
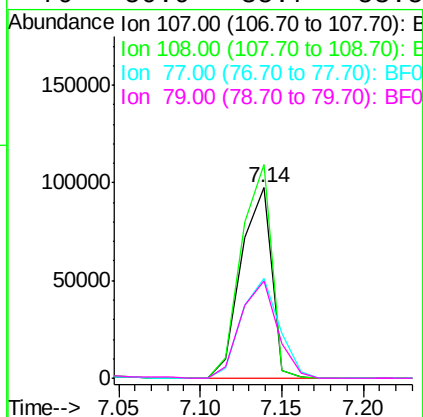
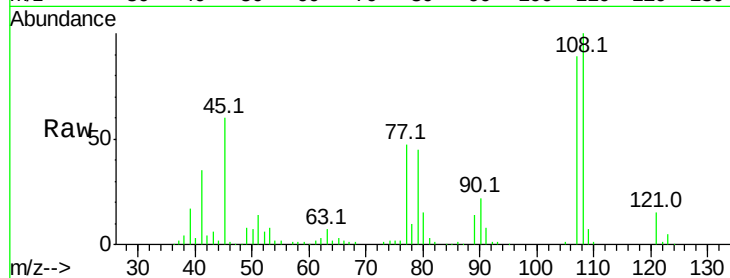
#17
2-Methylphenol
Concen: 38.40 ng
RT: 7.14 min Scan# 442
Delta R.T. -0.00 min
Lab File: BF083914.D
Acq: 18 Dec 2015 15:49

Instrument :
BNA_F
ClientSampleId :
PB87340BSD

Tot Ion	Ratio	Resp	Lower	Upper
107	100	126228		
108	112.1	89.8	134.6	
77	52.5	35.7	53.5	
79	50.9	35.7	53.5	

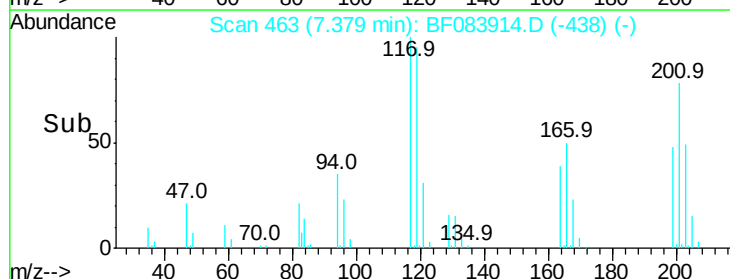
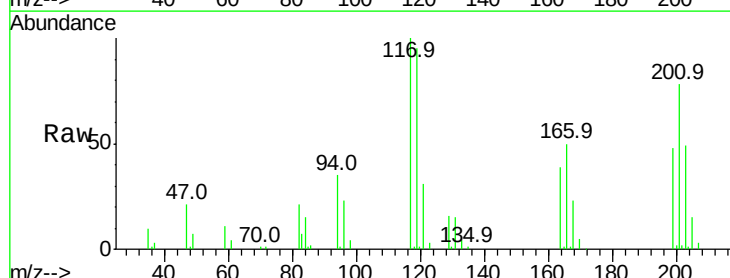
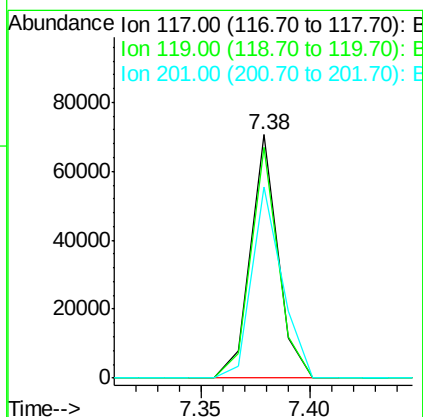
Manual Integrations
APPROVED

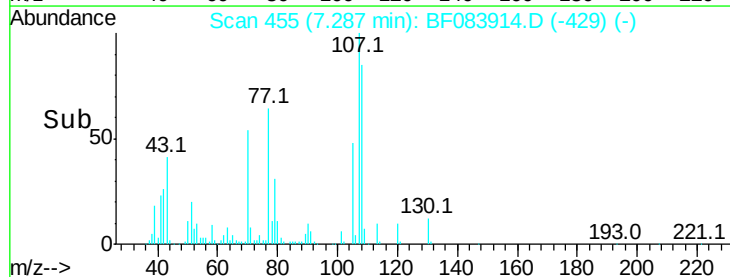
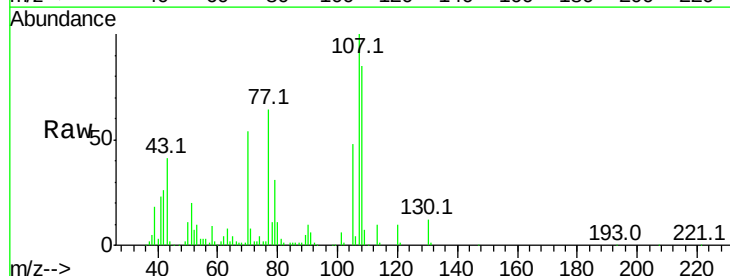
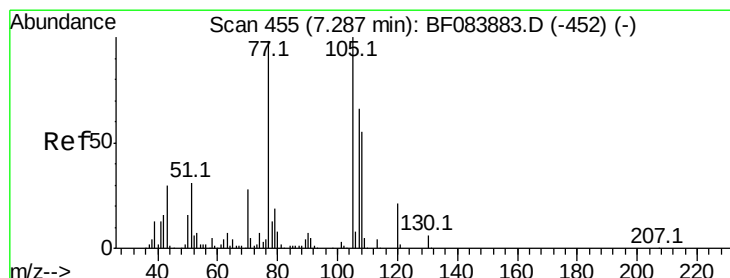
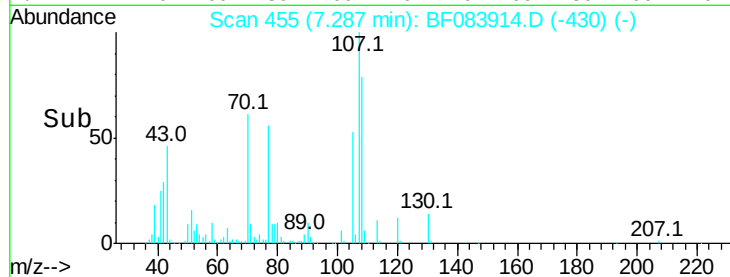
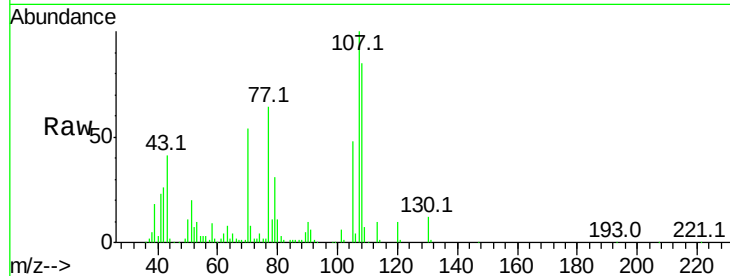
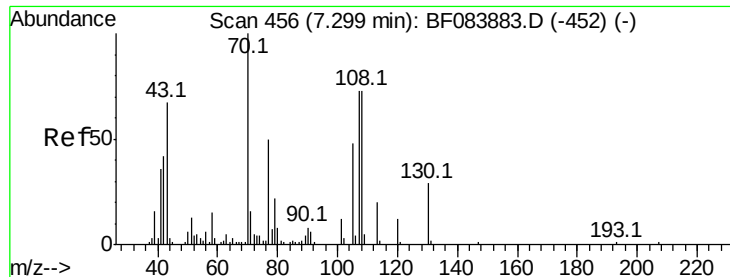
apatel
12/22/2015 11:50:50 AM



#18
Hexachloroethane
Concen: 36.70 ng
RT: 7.38 min Scan# 463
Delta R.T. -0.01 min
Lab File: BF083914.D
Acq: 18 Dec 2015 15:49

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	61958		
119	94.7	77.4	116.0	
201	78.4	68.6	103.0	





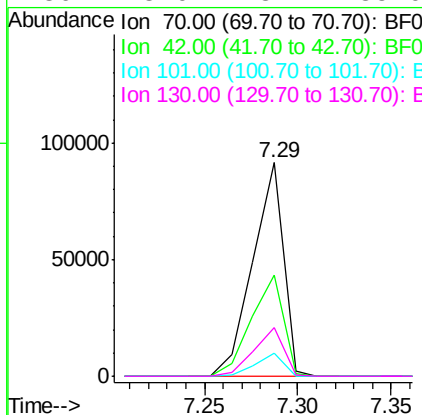
#19
n-Nitroso-di-n-propylamine
Concen: 41.41 ng
RT: 7.29 min Scan# 455
Delta R.T. -0.01 min
Lab File: BF083914.D
Acq: 18 Dec 2015 15:49

Instrument :
BNA_F
ClientSampleId :
PB87340BSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100				
42	47.3	33.3	49.9		
101	10.6	9.3	13.9		
130	23.0	23.4	35.0		

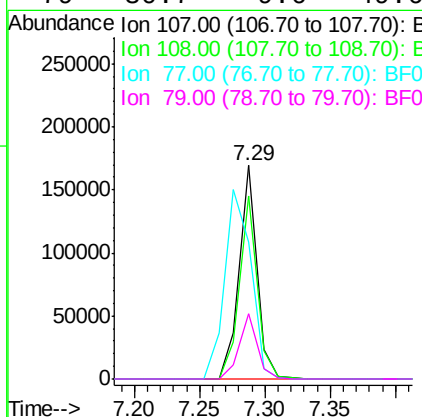
Manual Integrations
APPROVED

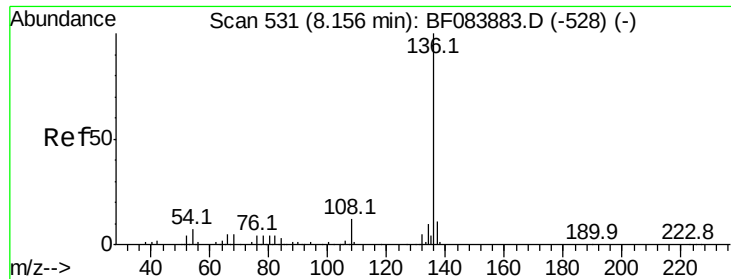
apatel
12/22/2015 11:50:50 AM



#20
3+4-Methylphenols
Concen: 41.30 ng
RT: 7.29 min Scan# 455
Delta R.T. -0.00 min
Lab File: BF083914.D
Acq: 18 Dec 2015 15:49

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100				
108	85.5	64.1	104.1		
77	64.4	128.9	168.9		
79	30.7	9.6	49.6		





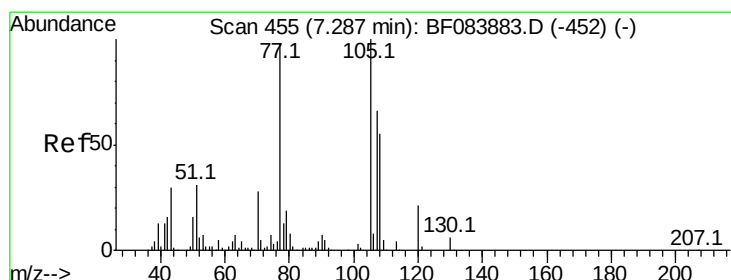
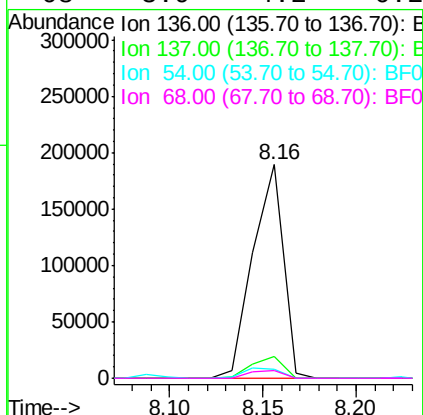
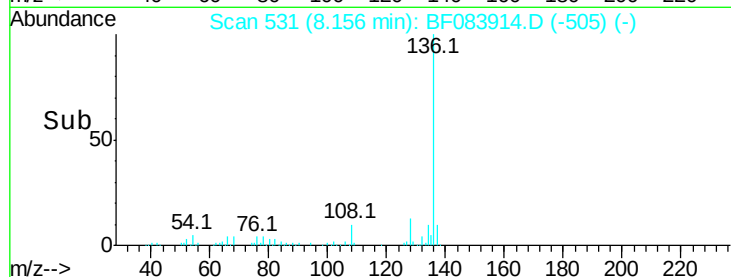
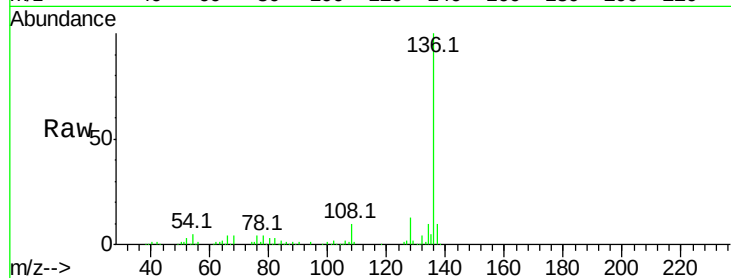
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.16 min Scan# 531
Delta R.T. -0.00 min
Lab File: BF083914.D
Acq: 18 Dec 2015 15:49

Instrument :
BNA_F
ClientSampleId :
PB87340BSD

Tot Ion	Ratio	Resp	Lower	Upper
136	100	214476		
137	10.3	8.7	13.1	
54	4.5	5.8	8.8#	
68	3.9	4.2	6.2#	

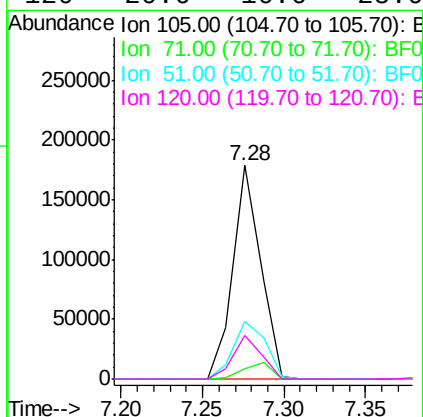
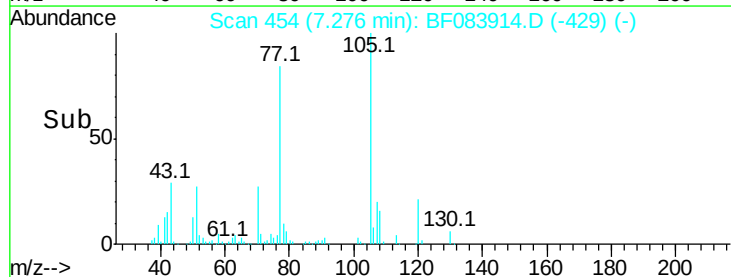
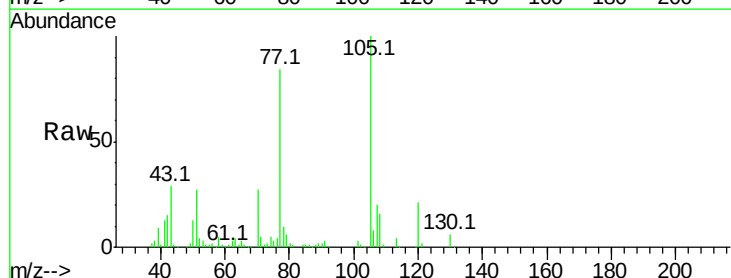
Manual Integrations
APPROVED

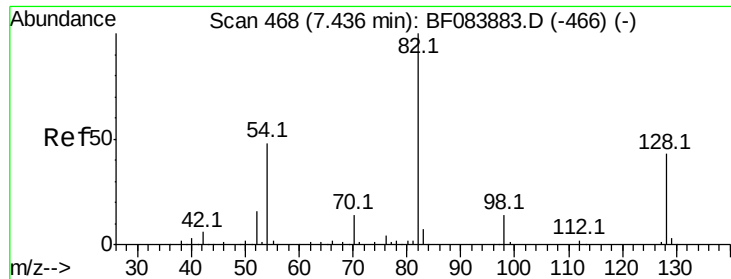
apatel
12/22/2015 11:50:50 AM



#22
Acetophenone
Concen: 40.58 ng
RT: 7.28 min Scan# 454
Delta R.T. -0.01 min
Lab File: BF083914.D
Acq: 18 Dec 2015 15:49

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	209541		
71	4.5	3.7	5.5	
51	27.3	25.1	37.7	
120	20.6	16.6	25.0	





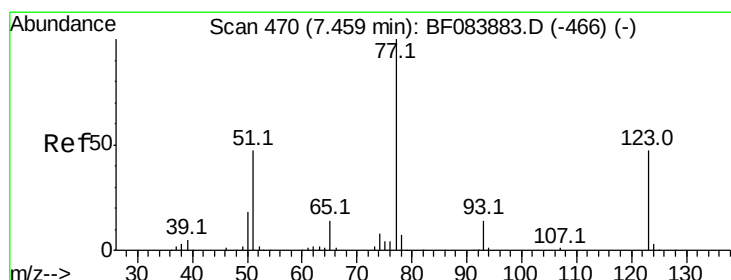
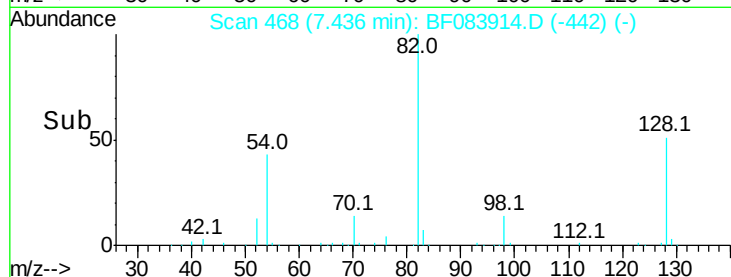
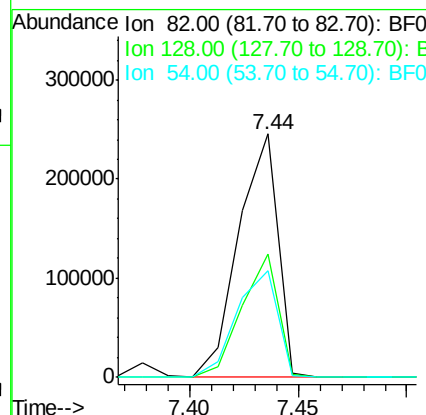
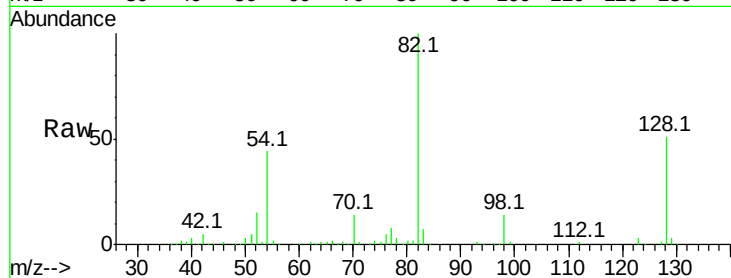
#23
Nitrobenzene-d5
Concen: 81.68 ng
RT: 7.44 min Scan# 468
Delta R.T. -0.00 min
Lab File: BF083914.D
Acq: 18 Dec 2015 15:49

Instrument :
BNA_F
ClientSampleId :
PB87340BSD

Tot Ion	Ratio	Lower	Upper
82	100		
128	50.9	34.6	51.8
54	43.9	38.4	57.6

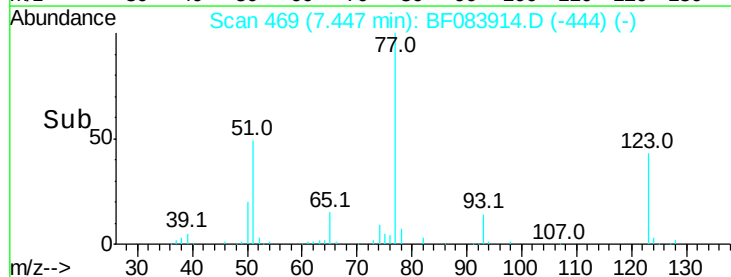
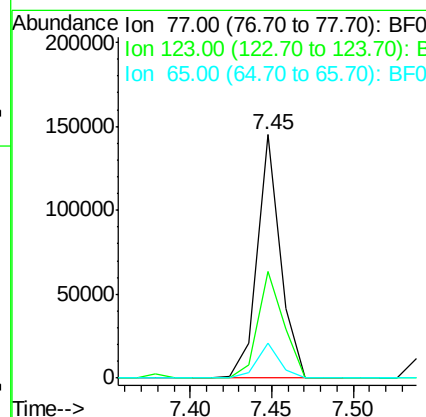
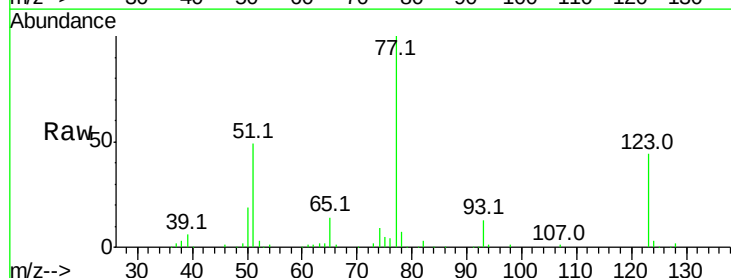
Manual Integrations
APPROVED

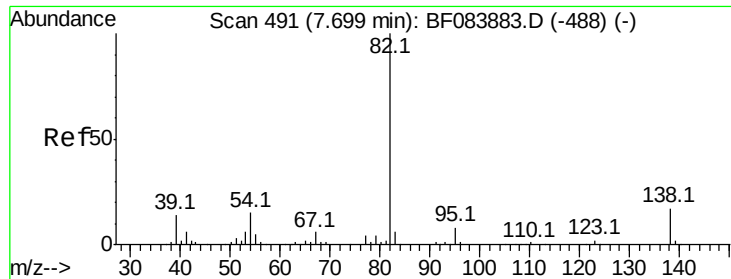
apatel
12/22/2015 11:50:50 AM



#24
Nitrobenzene
Concen: 36.88 ng
RT: 7.45 min Scan# 469
Delta R.T. -0.01 min
Lab File: BF083914.D
Acq: 18 Dec 2015 15:49

Tgt Ion	Ratio	Lower	Upper
77	100		
123	43.7	37.4	56.2
65	14.3	10.9	16.3





#25

Isophorone

Concen: 39.74 ng

RT: 7.69 min Scan# 490

Delta R.T. -0.01 min

Lab File: BF083914.D

Acq: 18 Dec 2015 15:49

Instrument :

BNA_F

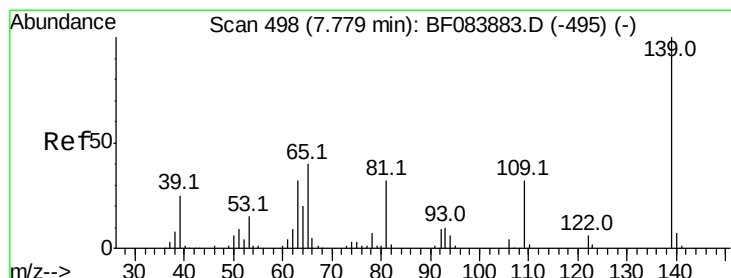
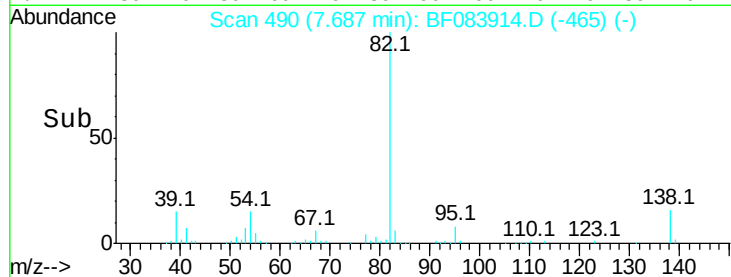
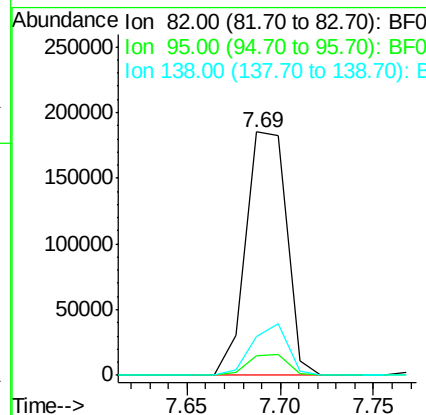
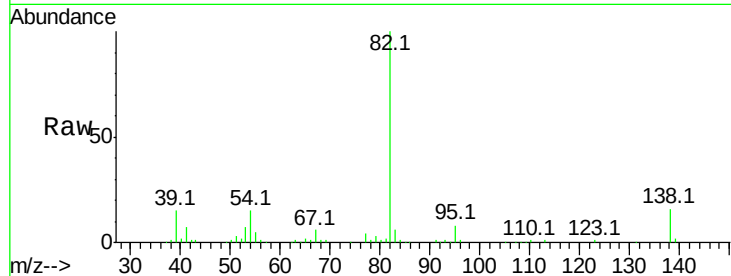
ClientSampleId :

PB87340BSD

Tot Ion:	82	Resp:	281020
Ion Ratio	Lower	Upper	
82	100		
95	8.0	6.6	10.0
138	16.0	13.6	20.4

Manual Integrations
APPROVED

apatel
12/22/2015 11:50:50 AM



#26

2-Nitrophenol

Concen: 40.17 ng

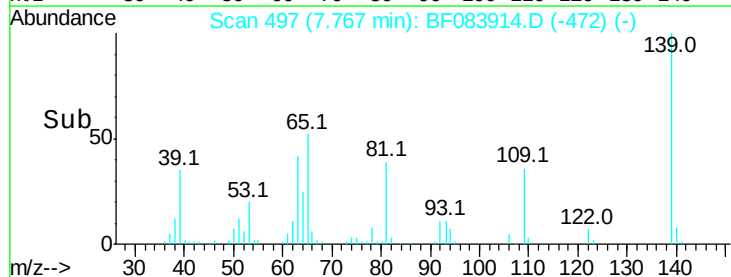
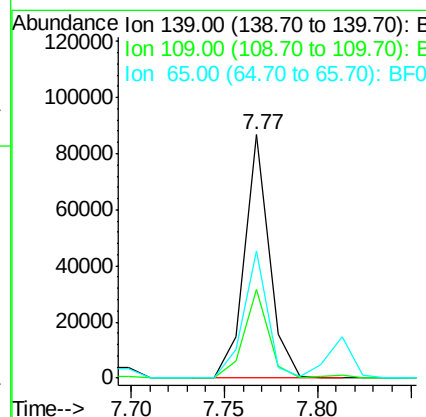
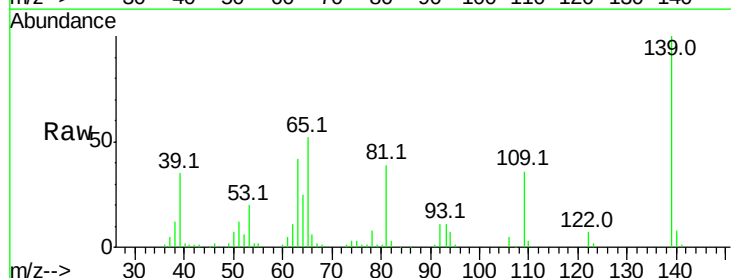
RT: 7.77 min Scan# 497

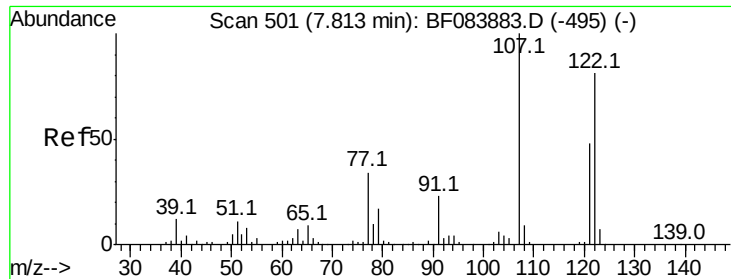
Delta R.T. -0.01 min

Lab File: BF083914.D

Acq: 18 Dec 2015 15:49

Tgt Ion:	139	Resp:	80817
Ion Ratio	Lower	Upper	
139	100		
109	36.4	25.4	38.2
65	52.2	32.3	48.5#





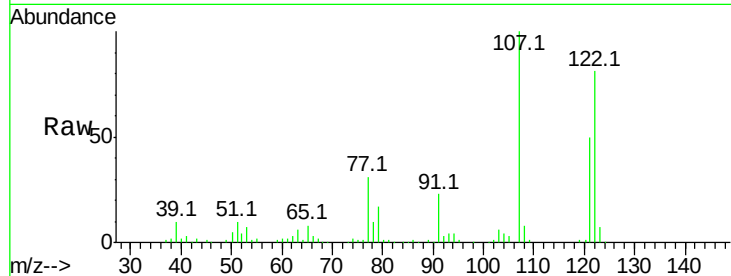
#27
 2,4-Dimethylphenol
 Concen: 42.13 ng
 RT: 7.81 min Scan# 501
 Delta R.T. 0.00 min
 Lab File: BF083914.D
 Acq: 18 Dec 2015 15:49

Instrument :
 BNA_F
 ClientSampleId :
 PB87340BSD

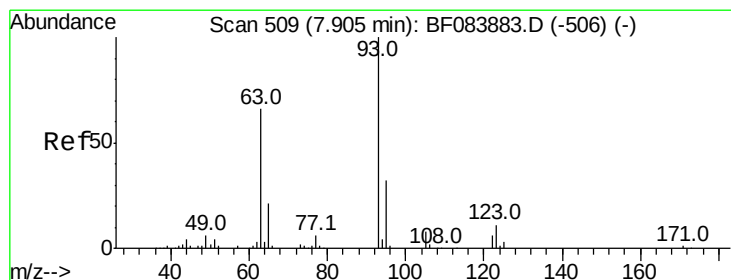
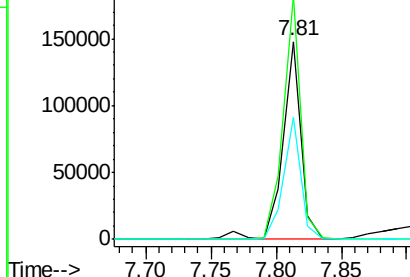
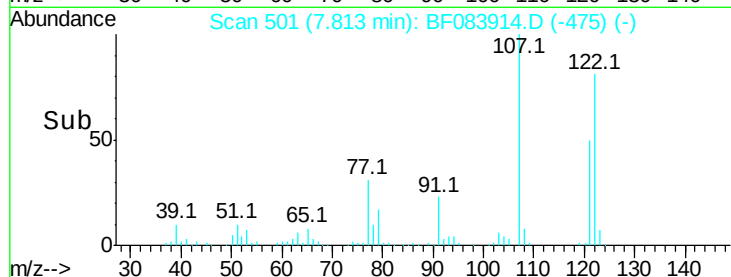
Tot Ion	Ratio	Resp	Lower	Upper
122	100	145984		
107	123.2	99.1	148.7	
121	61.9	47.9	71.9	

Manual Integrations
 APPROVED

apatel
 12/22/2015 11:50:50 AM

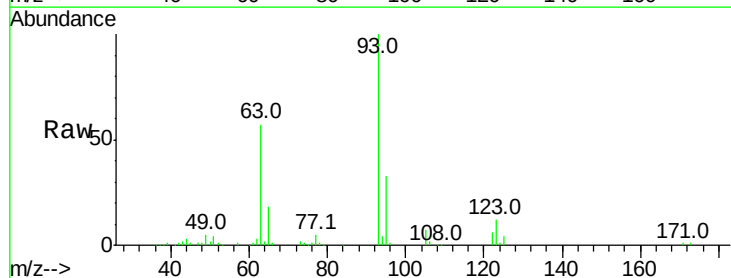


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

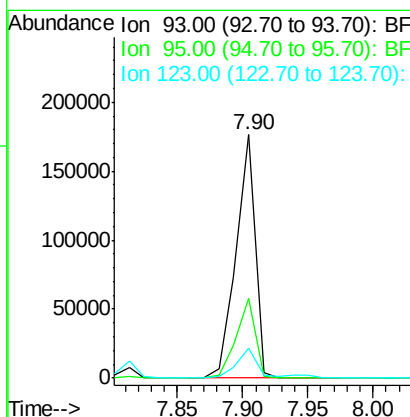
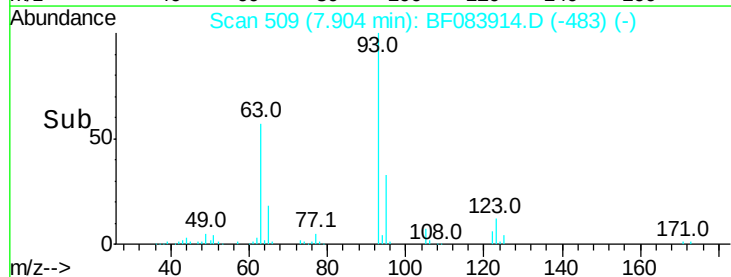


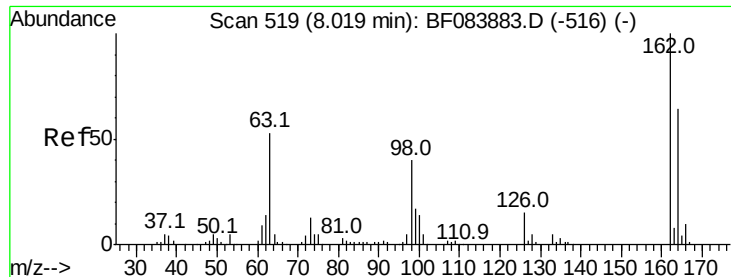
#28
 bis(2-Chloroethoxy)methane
 Concen: 42.82 ng
 RT: 7.90 min Scan# 509
 Delta R.T. -0.00 min
 Lab File: BF083914.D
 Acq: 18 Dec 2015 15:49

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	179103		
95	32.9	25.8	38.6	
123	12.1	8.6	12.8	



Abundance Ion 93.00 (92.70 to 93.70): BF0
 Ion 95.00 (94.70 to 95.70): BF0
 Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 43.92 ng

RT: 8.02 min Scan# 519

Delta R.T. -0.00 min

Lab File: BF083914.D

Acq: 18 Dec 2015 15:49

Instrument :

BNA_F

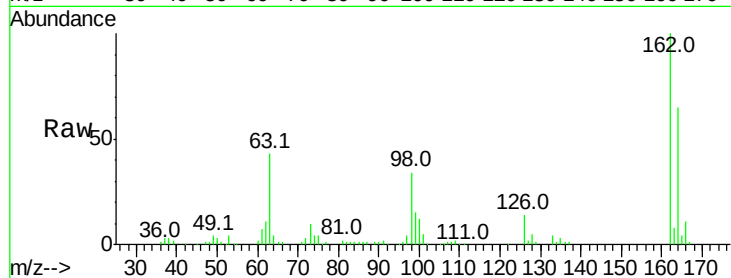
ClientSampleId :

PB87340BSD

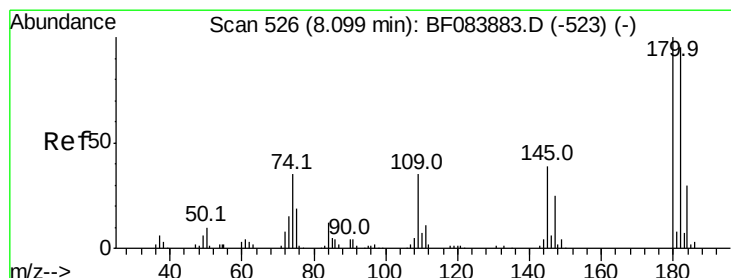
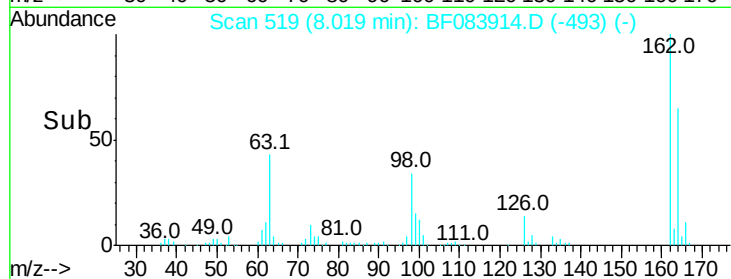
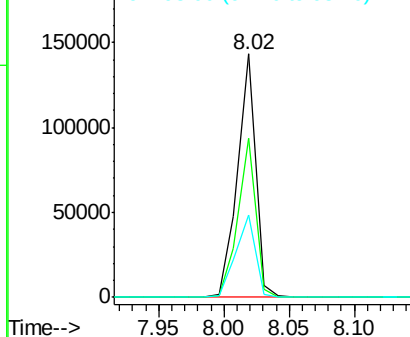
Tot Ion:	162	Resp:	138077
Ion Ratio	Lower	Upper	
162	100		
164	65.1	44.1	84.1
98	33.9	20.2	60.2

Manual Integrations
APPROVED

apatel
12/22/2015 11:50:50 AM



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



#30

1,2,4-Trichlorobenzene

Concen: 39.59 ng

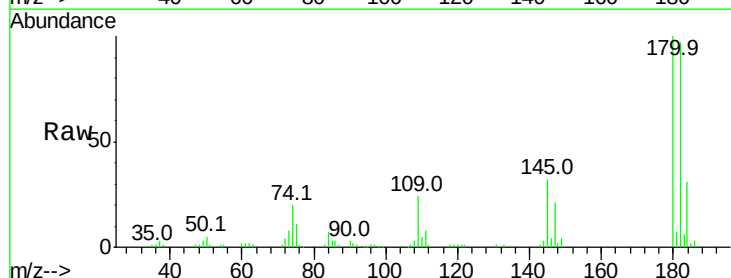
RT: 8.10 min Scan# 526

Delta R.T. -0.00 min

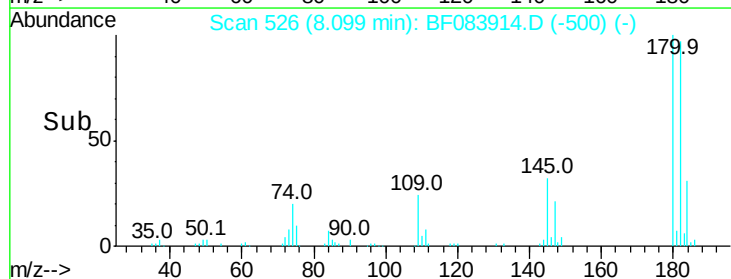
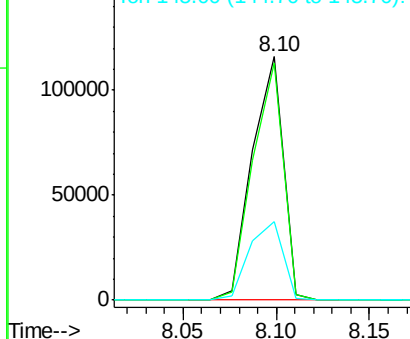
Lab File: BF083914.D

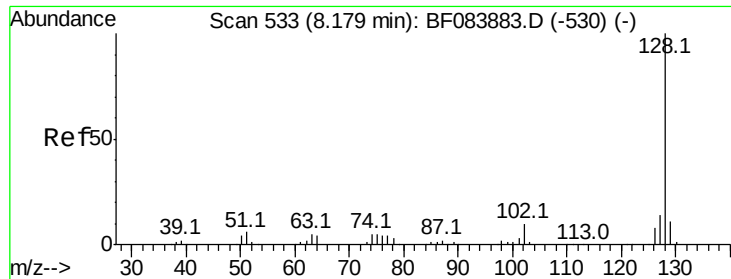
Acq: 18 Dec 2015 15:49

Tgt Ion:	180	Resp:	133692
Ion Ratio	Lower	Upper	
180	100		
182	97.4	76.4	114.6
145	32.2	31.6	47.4



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





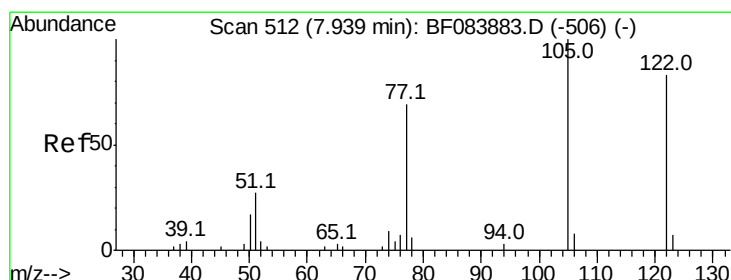
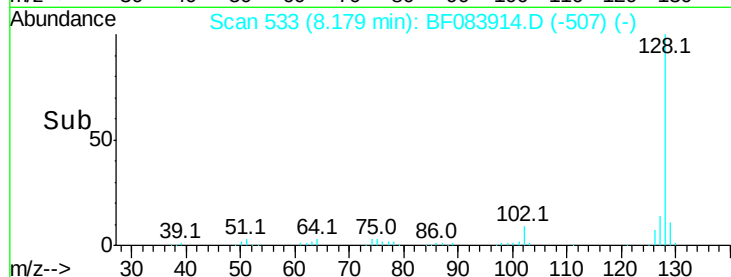
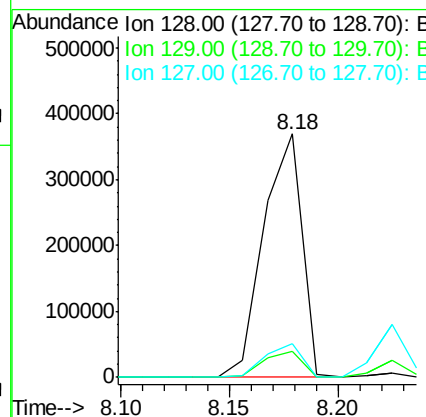
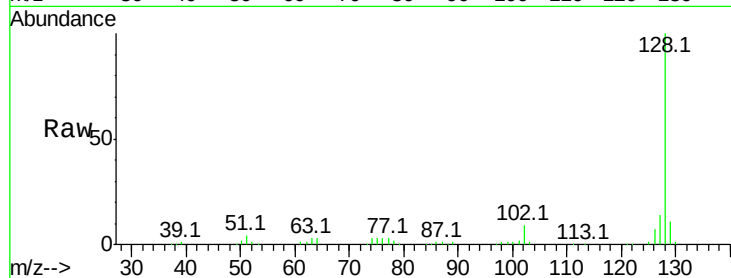
#31
Naphthalene
Concen: 42.19 ng
RT: 8.18 min Scan# 533
Delta R.T. 0.00 min
Lab File: BF083914.D
Acq: 18 Dec 2015 15:49

Instrument :
BNA_F
ClientSampleId :
PB87340BSD

Tot Ion	Ratio	Resp Lower	Upper
128	100		
129	10.9	9.1	13.7
127	13.9	11.1	16.7

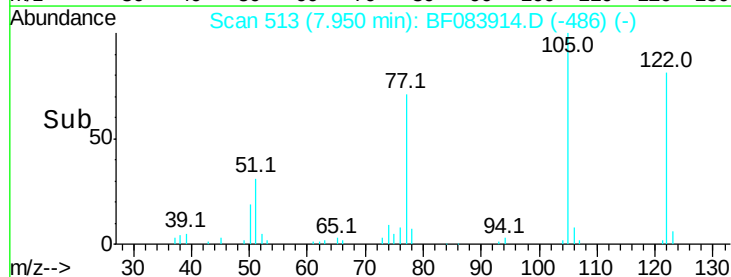
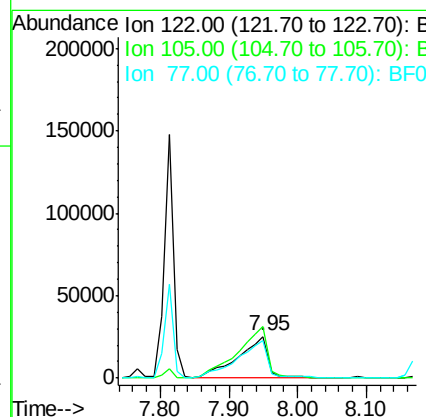
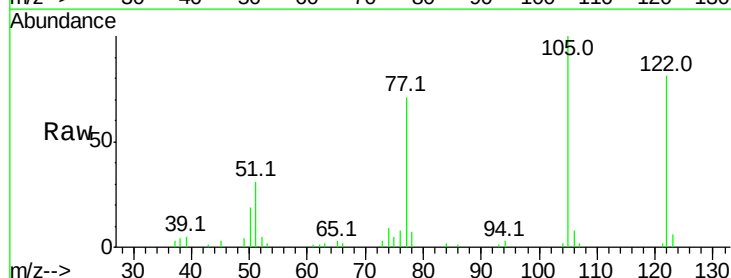
Manual Integrations
APPROVED

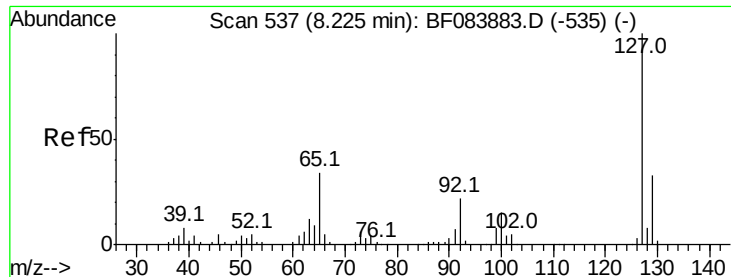
apatel
12/22/2015 11:50:50 AM



#32
Benzoic acid
Concen: 55.63 ng
RT: 7.95 min Scan# 513
Delta R.T. 0.01 min
Lab File: BF083914.D
Acq: 18 Dec 2015 15:49

Tgt Ion	Ratio	Resp Lower	Upper
122	100		
105	123.5	100.3	140.3
77	88.0	63.5	103.5





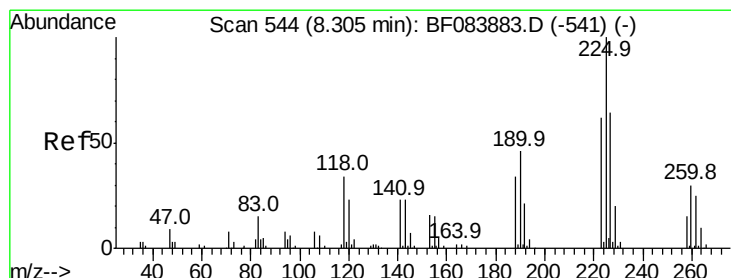
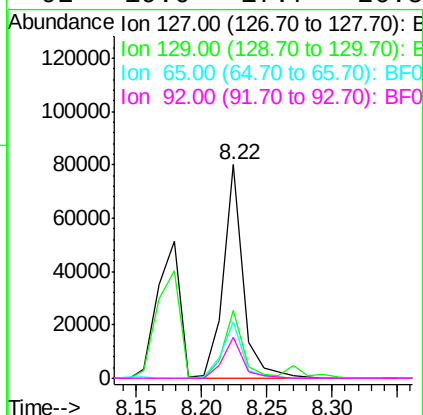
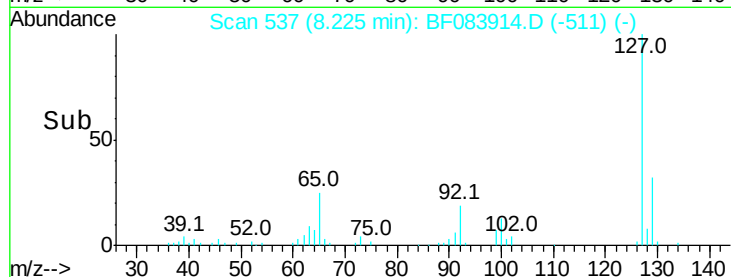
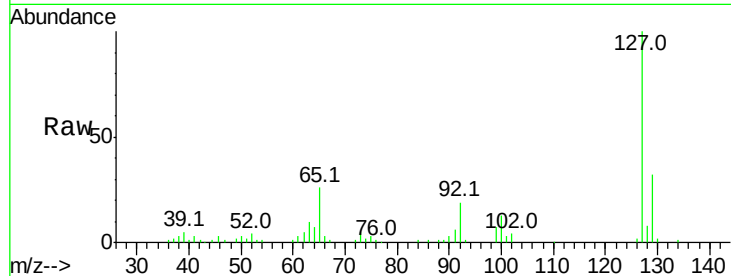
#33
4-Chloroaniline
Concen: 17.46 ng
RT: 8.22 min Scan# 537
Delta R.T. -0.00 min
Lab File: BF083914.D
Acq: 18 Dec 2015 15:49

Instrument :
BNA_F
ClientSampleId :
PB87340BSD

Tot Ion	Ratio	Lower	Upper
127	100		
129	32.0	26.5	39.7
65	26.2	27.2	40.8
92	19.0	17.7	26.5

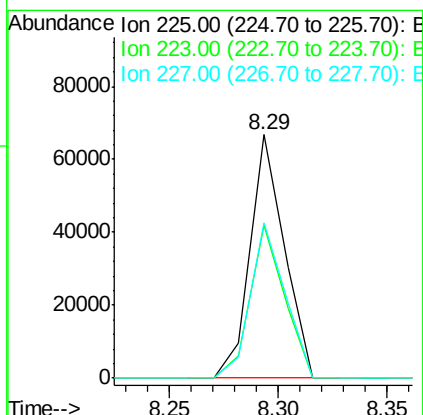
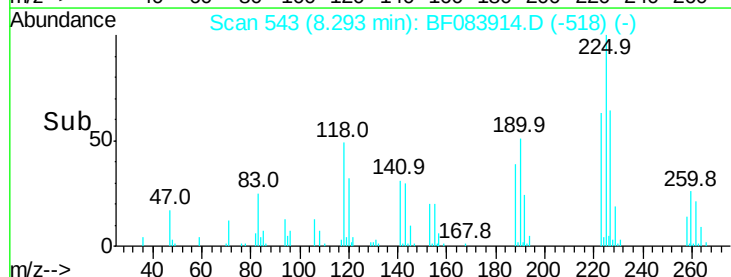
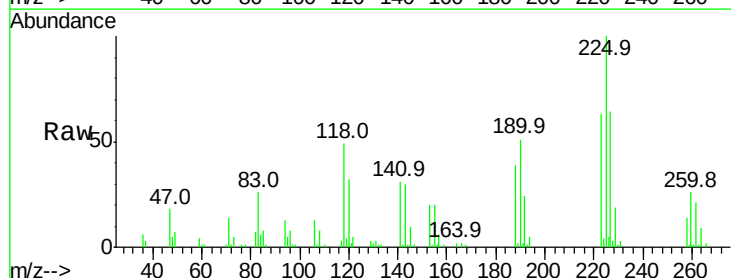
Manual Integrations
APPROVED

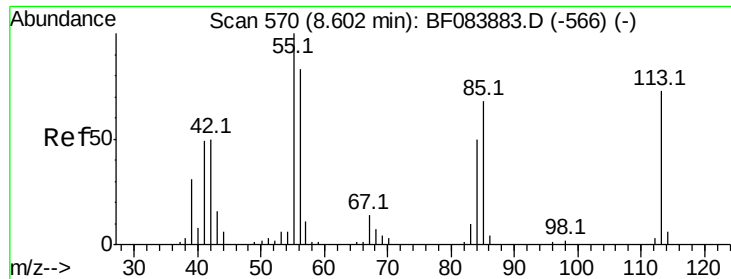
apatel
12/22/2015 11:50:50 AM



#34
Hexachlorobutadiene
Concen: 34.72 ng
RT: 8.29 min Scan# 543
Delta R.T. -0.01 min
Lab File: BF083914.D
Acq: 18 Dec 2015 15:49

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.7	49.4	74.0
227	64.0	50.8	76.2





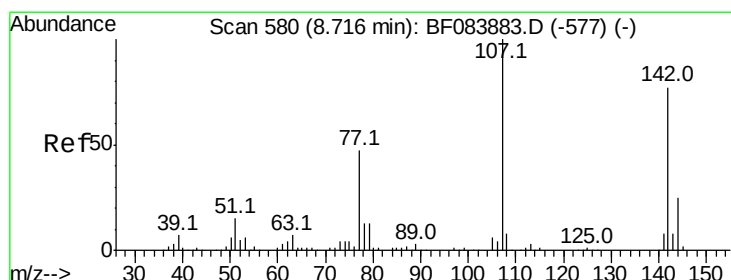
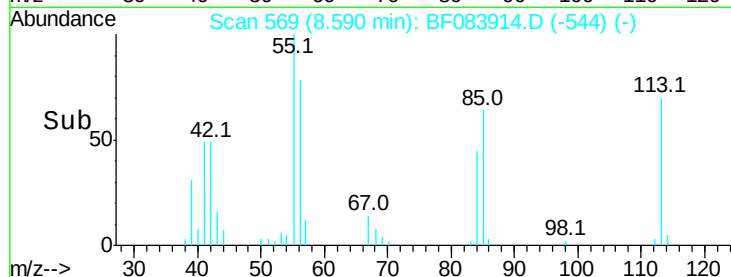
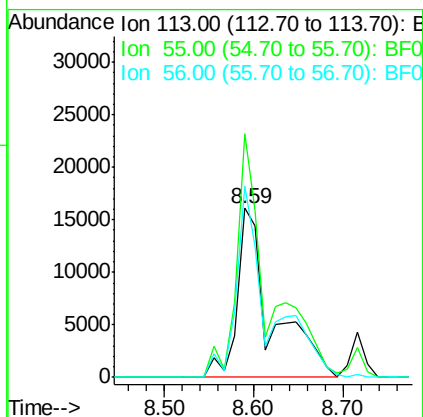
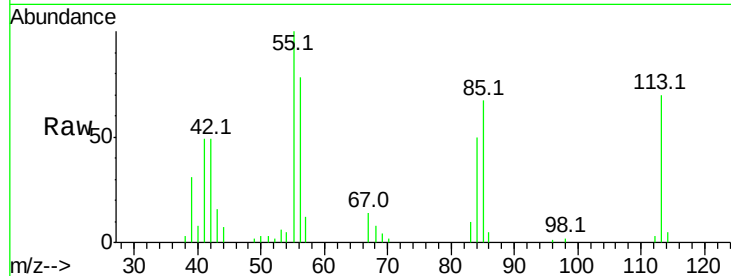
#35
 Caprolactam
 Concen: 41.46 ng/ml
 RT: 8.59 min Scan# 569
 Delta R.T. -0.01 min
 Lab File: BF083914.D
 Acq: 18 Dec 2015 15:49

Instrument :
 BNA_F
 ClientSampleId :
 PB87340BSD

Tot Ion	Ratio	Lower	Upper
113	100		
55	143.8	116.9	156.9
56	112.6	93.8	133.8

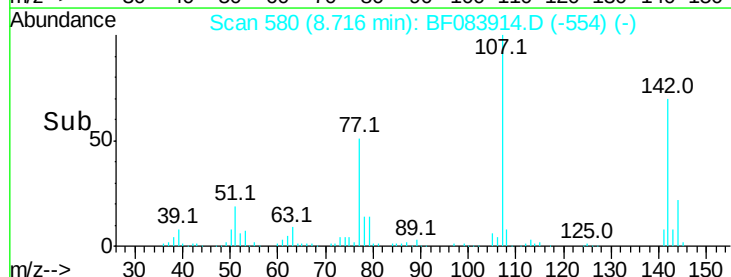
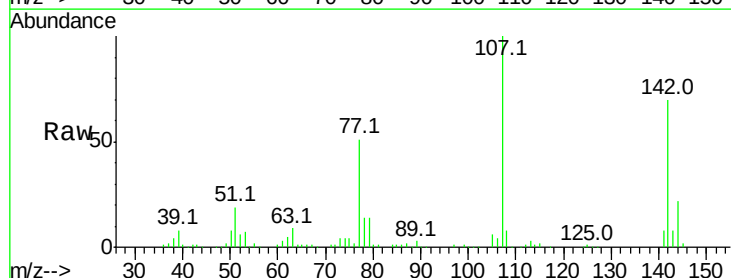
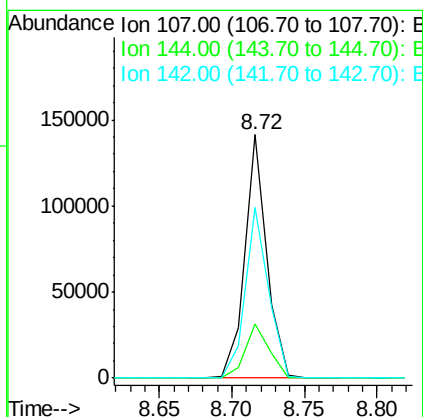
Manual Integrations
 APPROVED

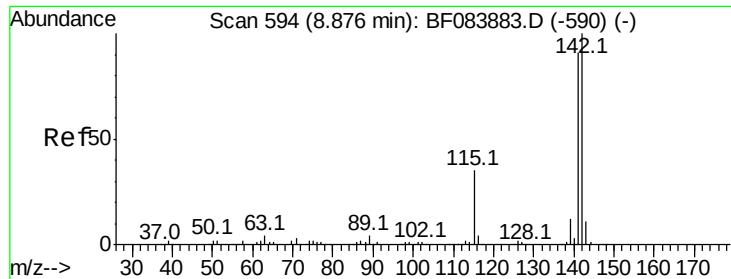
apatel
 12/22/2015 11:50:50 AM



#36
 4-Chloro-3-methylphenol
 Concen: 41.55 ng/ml
 RT: 8.72 min Scan# 580
 Delta R.T. 0.00 min
 Lab File: BF083914.D
 Acq: 18 Dec 2015 15:49

Tgt Ion	Ratio	Lower	Upper
107	100		
144	22.4	19.7	29.5
142	69.9	61.8	92.6





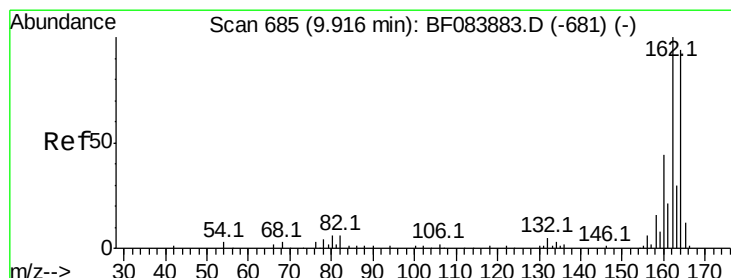
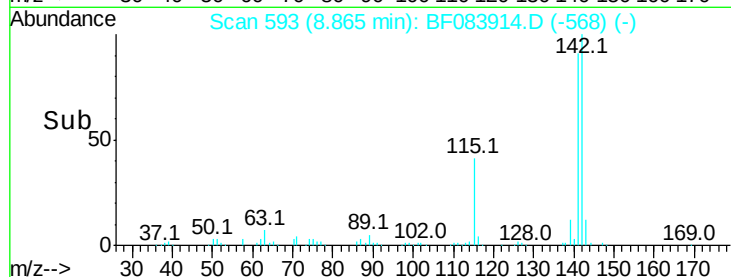
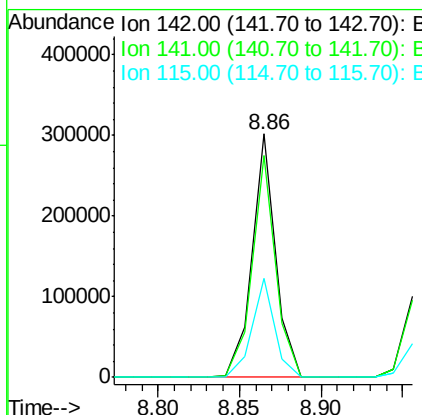
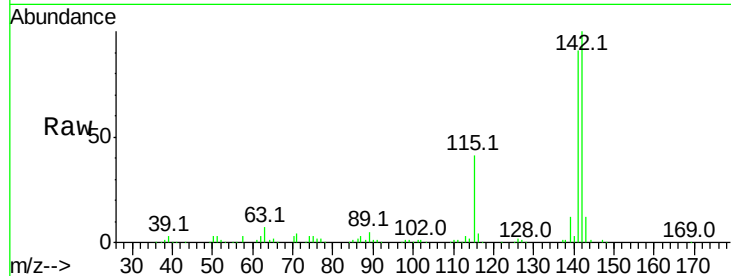
#37
2-Methylnaphthalene
Concen: 40.64 ng
RT: 8.86 min Scan# 593
Delta R.T. -0.01 min
Lab File: BF083914.D
Acq: 18 Dec 2015 15:49

Instrument :
BNA_F
ClientSampleId :
PB87340BSD

Tot Ion	Ratio	Resp	Lower	Upper
142	100	302930		
141	91.4	72.4	108.6	
115	40.8	27.9	41.9	

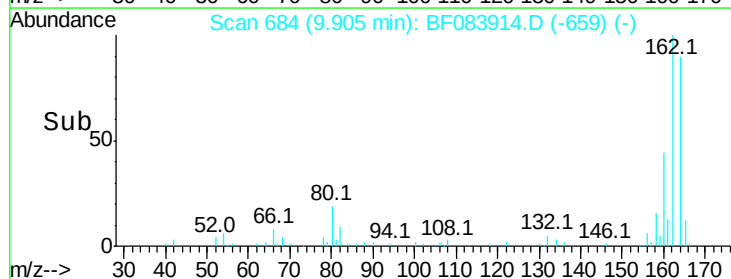
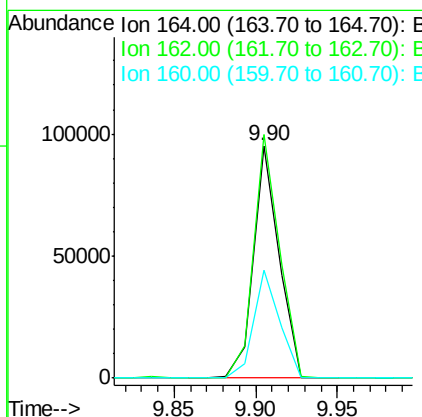
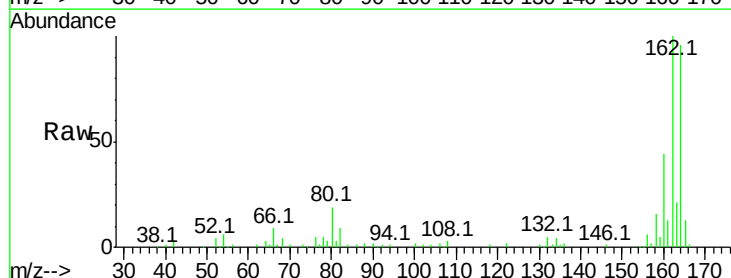
Manual Integrations
APPROVED

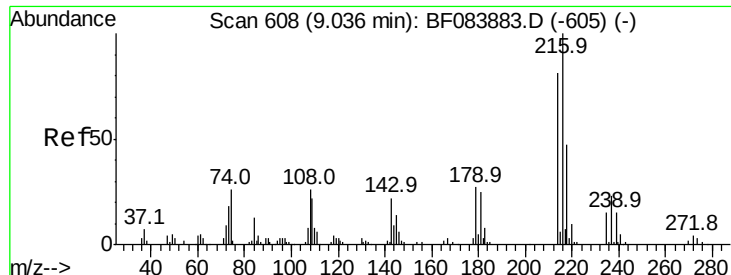
apatel
12/22/2015 11:50:50 AM



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.90 min Scan# 684
Delta R.T. -0.01 min
Lab File: BF083914.D
Acq: 18 Dec 2015 15:49

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	103791		
162	104.6	85.1	127.7	
160	46.5	37.5	56.3	





#39

1,2,4,5-Tetrachlorobenzene

Concen: 40.82 ng

RT: 9.04 min Scan# 608

Delta R.T. -0.00 min

Lab File: BF083914.D

Acq: 18 Dec 2015 15:49

Instrument :

BNA_F

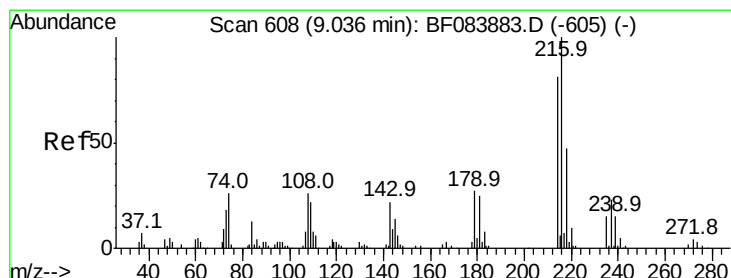
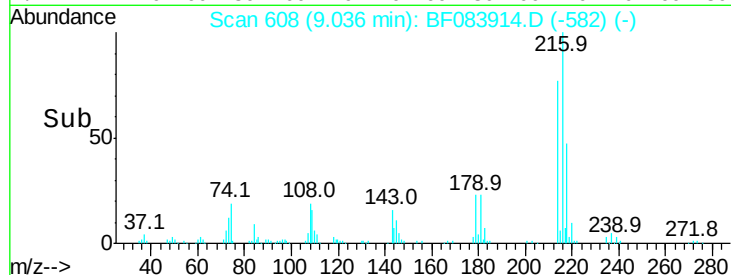
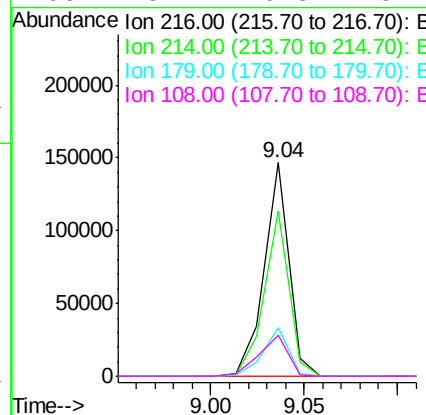
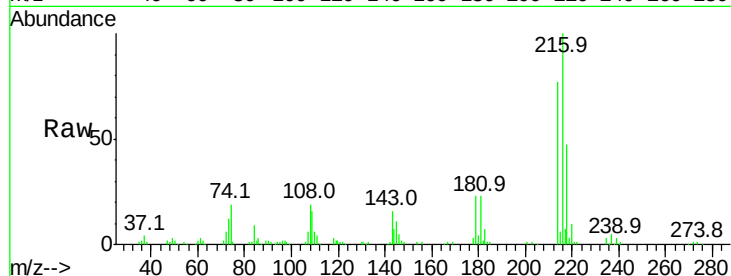
ClientSampleId :

PB87340BSD

Tot Ion:	216	Resp:	133579
Ion Ratio		Lower	Upper
216	100		
214	77.7	64.2	96.2
179	23.6	18.7	28.1
108	23.1	16.8	25.2

Manual Integrations
APPROVED

apatel
12/22/2015 11:50:50 AM



#40

Hexachlorocyclopentadiene

Concen: 68.14 ng

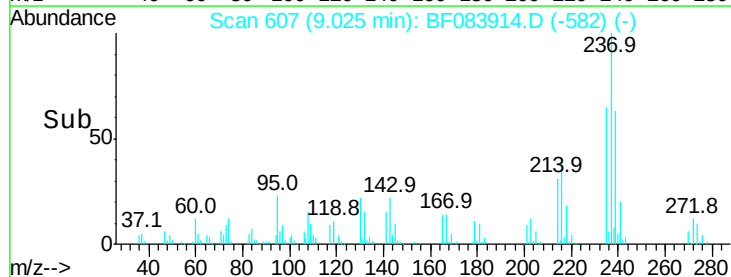
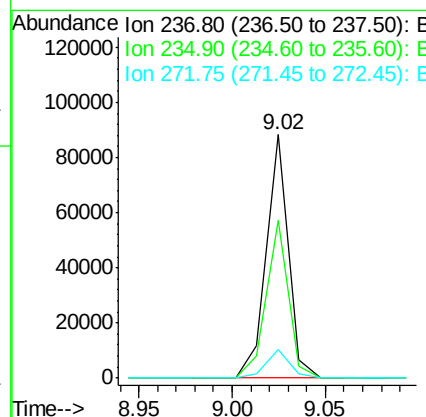
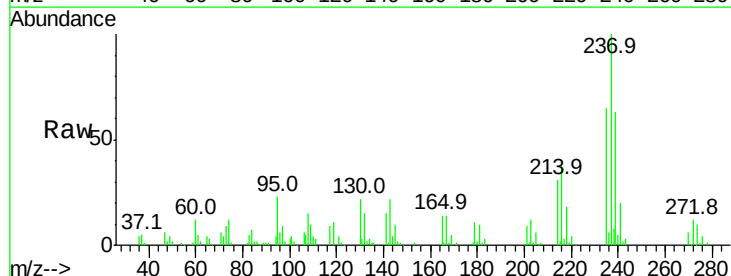
RT: 9.02 min Scan# 607

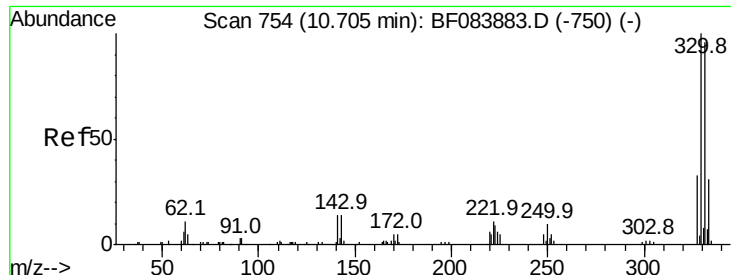
Delta R.T. -0.01 min

Lab File: BF083914.D

Acq: 18 Dec 2015 15:49

Tgt Ion:	237	Resp:	73288
Ion Ratio		Lower	Upper
237	100		
235	64.8	43.1	83.1
272	11.9	0.0	35.1





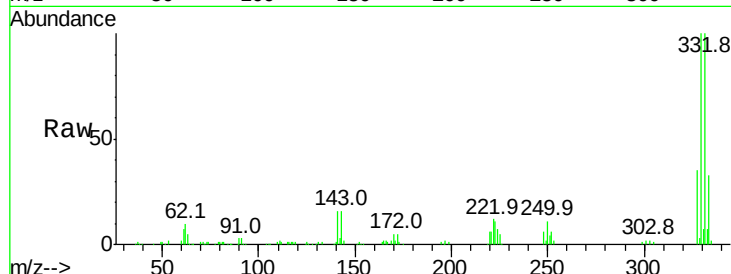
#41
 2,4,6-Tribromophenol
 Concen: 135.99 ng
 RT: 10.70 min Scan# 754
 Delta R.T. -0.00 min
 Lab File: BF083914.D
 Acq: 18 Dec 2015 15:49

Instrument :
 BNA_F
 ClientSampleId :
 PB87340BSD

Tot Ion	Ratio	Resp	Lower	Upper
330	100	155496		
332	98.5	76.6	114.8	
141	32.5	27.8	41.6	

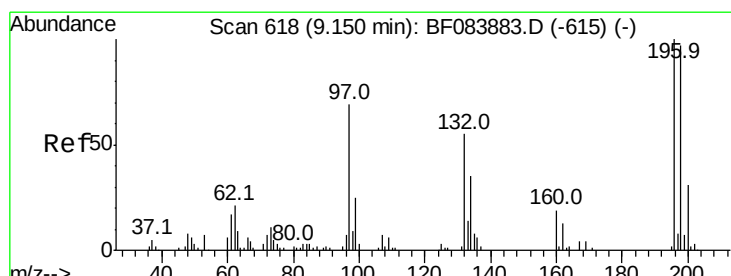
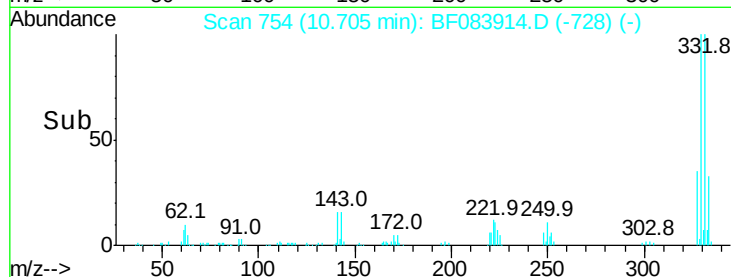
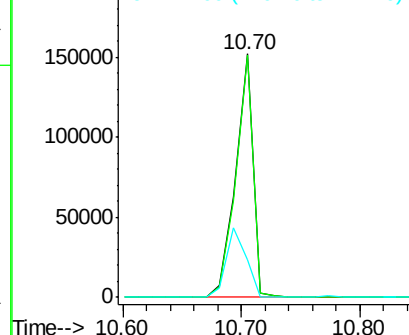
Manual Integrations
 APPROVED

apatel
 12/22/2015 11:50:50 AM



Abundance

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

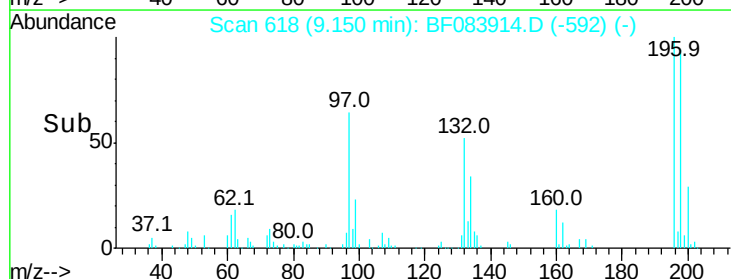
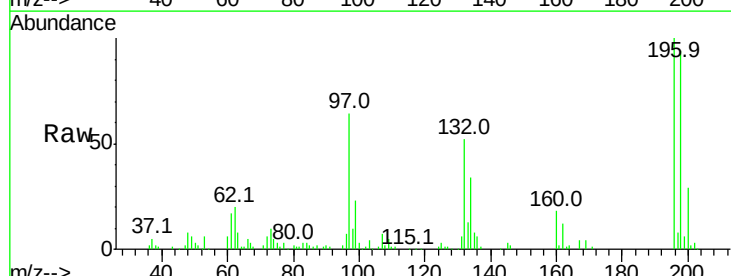
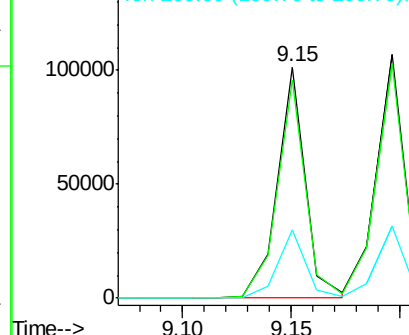


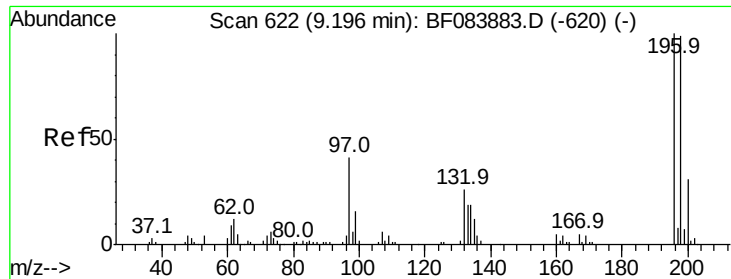
#42
 2,4,6-Trichlorophenol
 Concen: 42.35 ng
 RT: 9.15 min Scan# 618
 Delta R.T. -0.00 min
 Lab File: BF083914.D
 Acq: 18 Dec 2015 15:49

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	91499		
198	94.2	77.7	116.5	
200	29.5	24.6	37.0	

Abundance

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





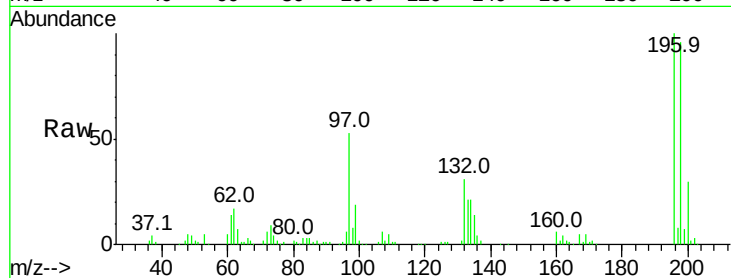
#43
2,4,5-Trichlorophenol
Concen: 45.08 ng
RT: 9.20 min Scan# 622
Delta R.T. -0.00 min
Lab File: BF083914.D
Acq: 18 Dec 2015 15:49

Instrument :
BNA_F
ClientSampleId :
PB87340BSD

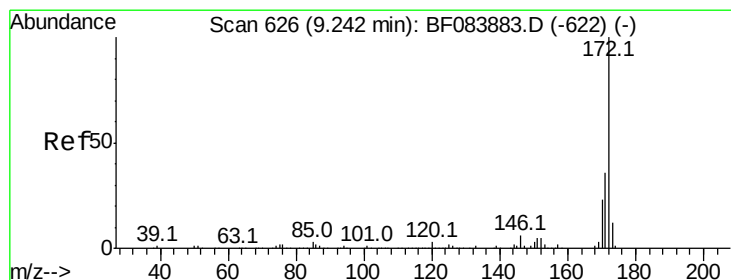
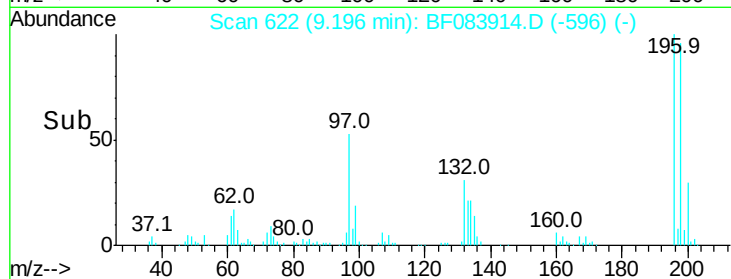
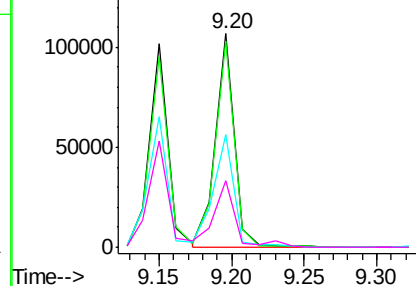
Tot Ion	Ratio	Resp	Lower	Upper
196	100			
198	96.3	79.0	118.6	
97	52.9	33.0	49.6	
132	31.2	21.1	31.7	

Manual Integrations
APPROVED

apatel
12/22/2015 11:50:50 AM

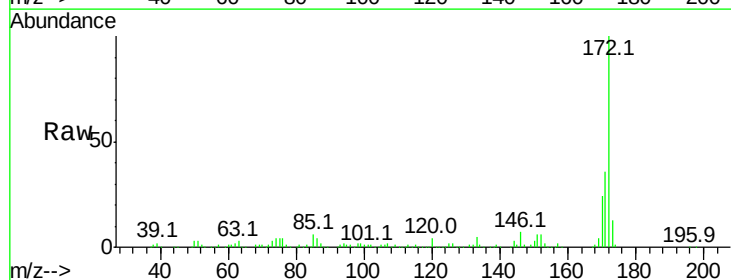


Abundance Ion 196.00 (195.70 to 196.70): E
Ion 198.00 (197.70 to 198.70): E
Ion 97.00 (96.70 to 97.70): BF0
Ion 132.00 (131.70 to 132.70): E

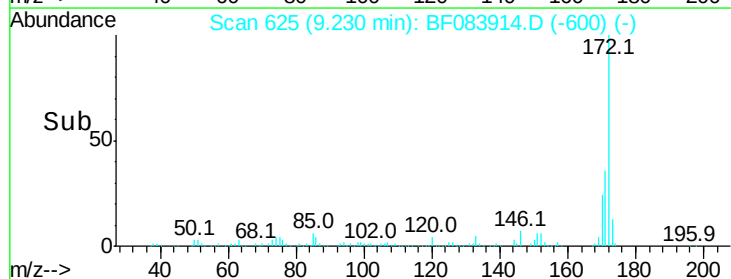
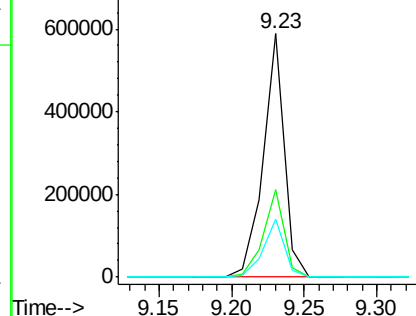


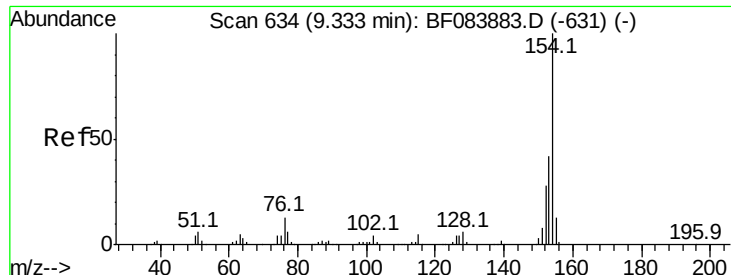
#44
2-Fluorobiphenyl
Concen: 79.01 ng
RT: 9.23 min Scan# 625
Delta R.T. -0.01 min
Lab File: BF083914.D
Acq: 18 Dec 2015 15:49

Tgt Ion	Ratio	Resp	Lower	Upper
172	100			
171	36.2	28.9	43.3	
170	23.6	18.6	27.8	



Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E





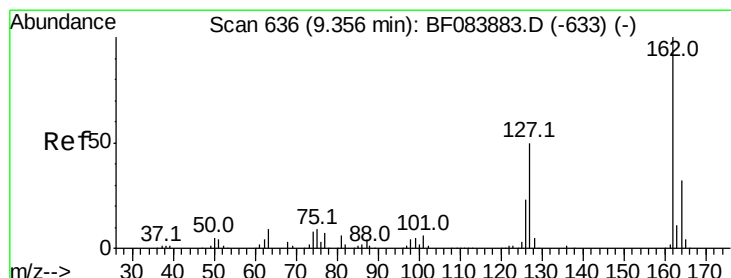
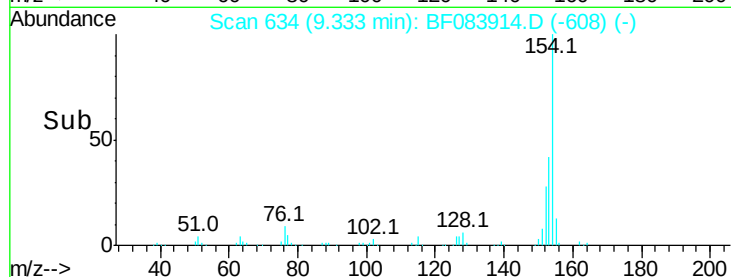
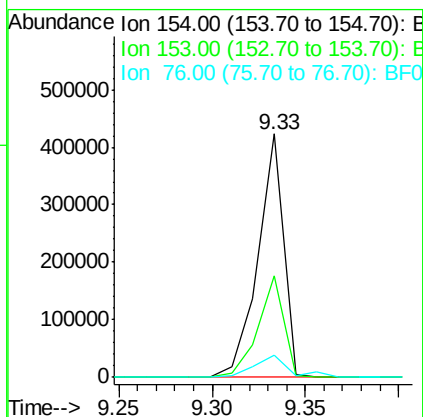
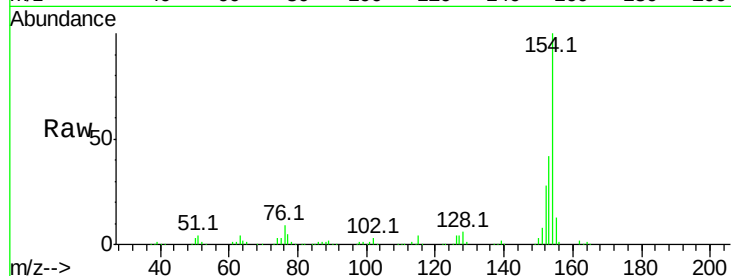
#45
 1,1'-Biphenyl
 Concen: 46.04 ng
 RT: 9.33 min Scan# 634
 Delta R.T. 0.00 min
 Lab File: BF083914.D
 Acq: 18 Dec 2015 15:49

Instrument :
 BNA_F
 ClientSampleId :
 PB87340BSD

Tot Ion	Ratio	Resp Lower	Upper
154	100		
153	41.7	21.6	61.6
76	9.0	0.0	32.7

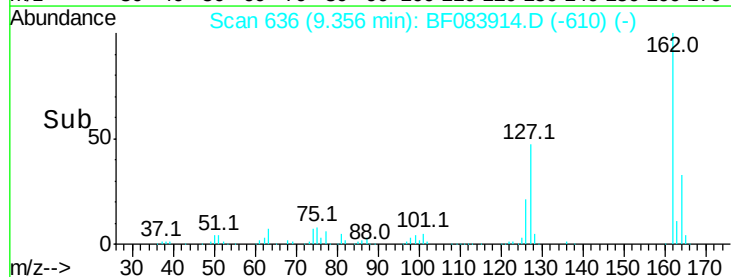
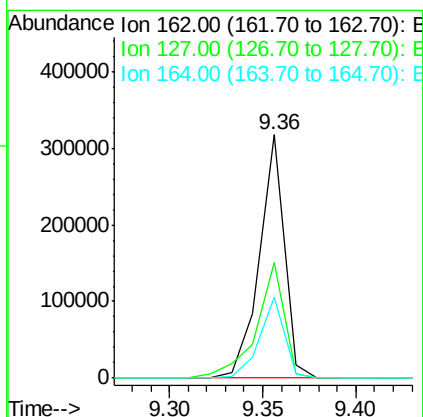
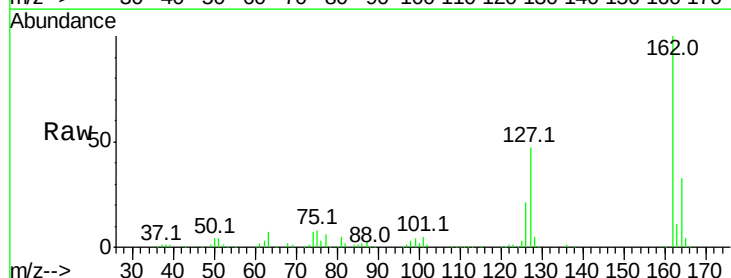
Manual Integrations
 APPROVED

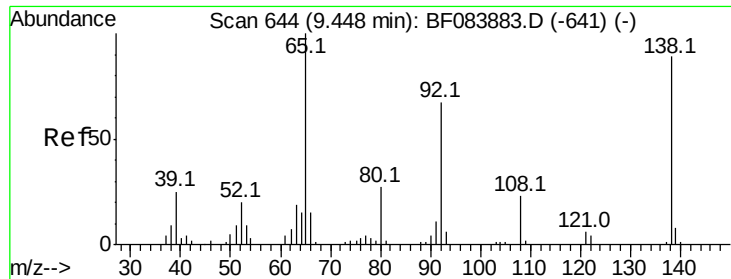
apatel
 12/22/2015 11:50:50 AM



#46
 2-Chloronaphthalene
 Concen: 42.87 ng
 RT: 9.36 min Scan# 636
 Delta R.T. 0.00 min
 Lab File: BF083914.D
 Acq: 18 Dec 2015 15:49

Tgt Ion	Ratio	Resp Lower	Upper
162	100		
127	47.2	40.2	60.4
164	33.4	25.7	38.5





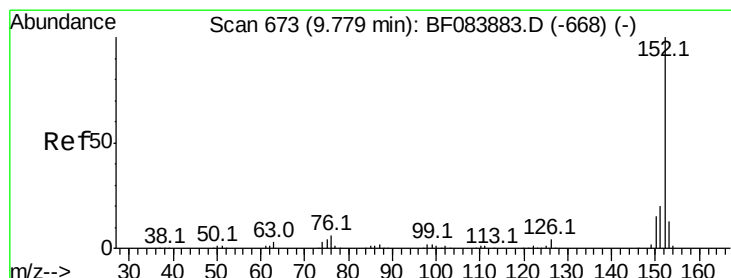
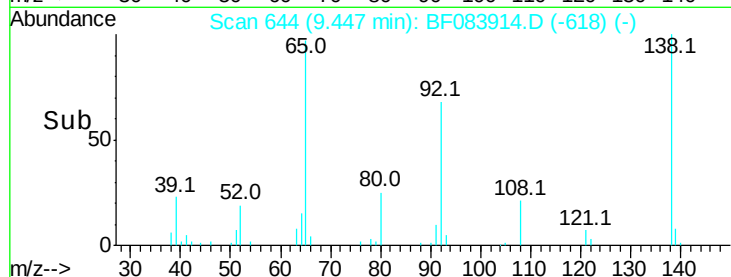
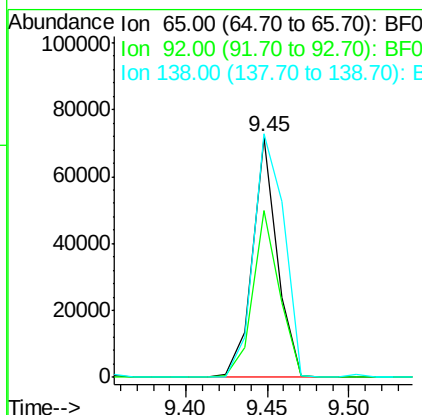
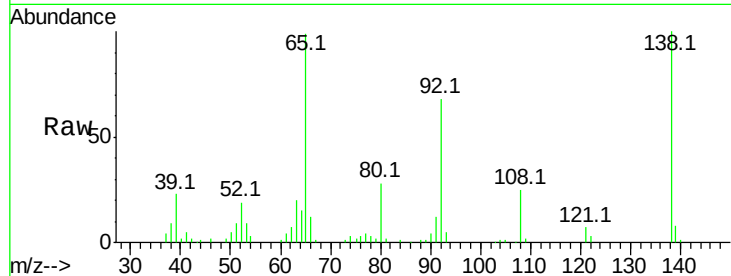
#47
2-Nitroaniline
Concen: 36.90 ng
RT: 9.45 min Scan# 644
Delta R.T. -0.00 min
Lab File: BF083914.D
Acq: 18 Dec 2015 15:49

Instrument :
BNA_F
ClientSampleId :
PB87340BSD

Tot Ion	Ratio	Lower	Upper
65	100		
92	69.3	53.4	80.2
138	101.4	71.1	106.7

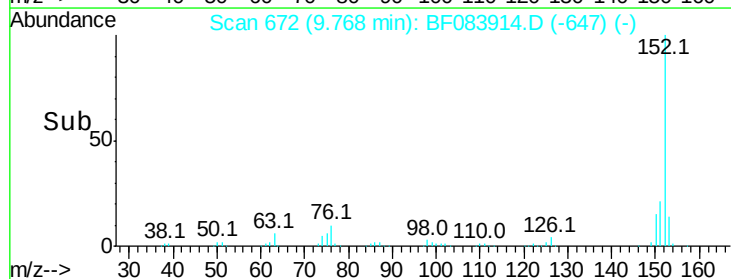
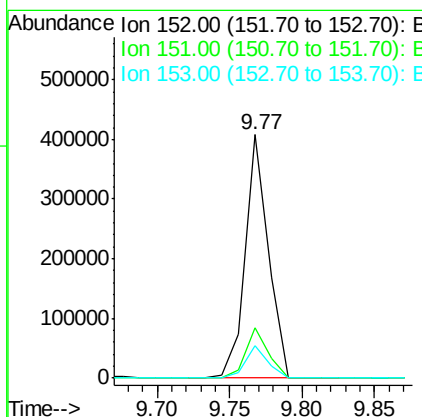
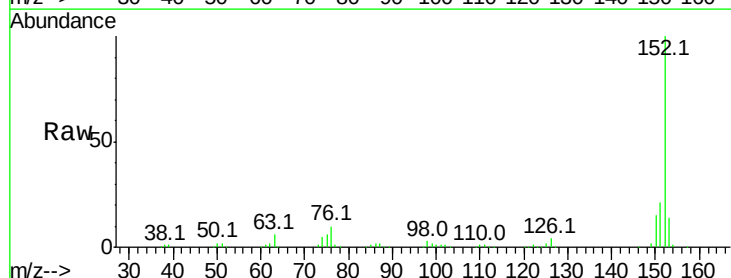
Manual Integrations
APPROVED

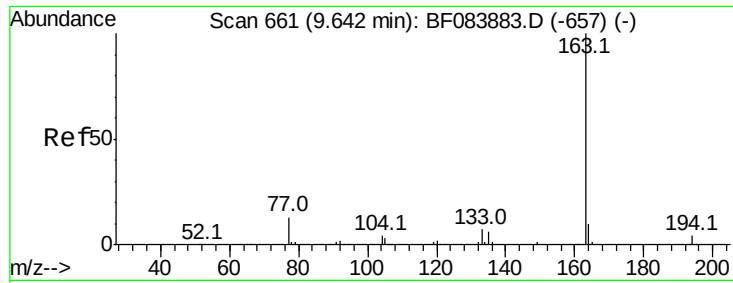
apatel
12/22/2015 11:50:50 AM



#48
Acenaphthylene
Concen: 37.21 ng
RT: 9.77 min Scan# 672
Delta R.T. -0.01 min
Lab File: BF083914.D
Acq: 18 Dec 2015 15:49

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.6	16.3	24.5
153	13.6	10.4	15.6





#49

Dimethylphthalate

Concen: 39.56 ng

RT: 9.63 min Scan# 660

Delta R.T. -0.01 min

Lab File: BF083914.D

Acq: 18 Dec 2015 15:49

Instrument :

BNA_F

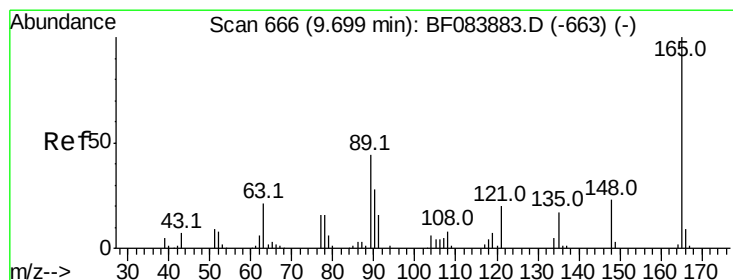
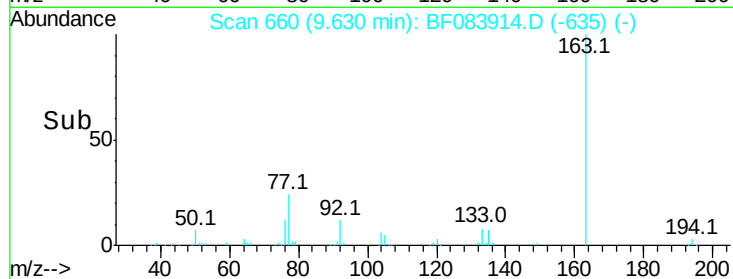
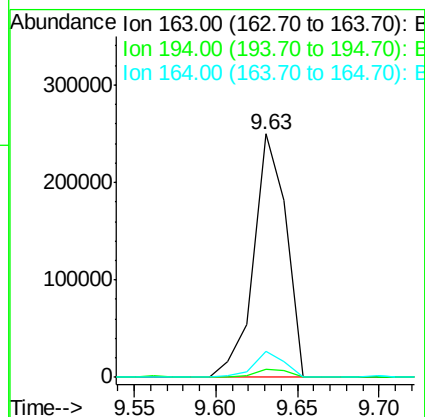
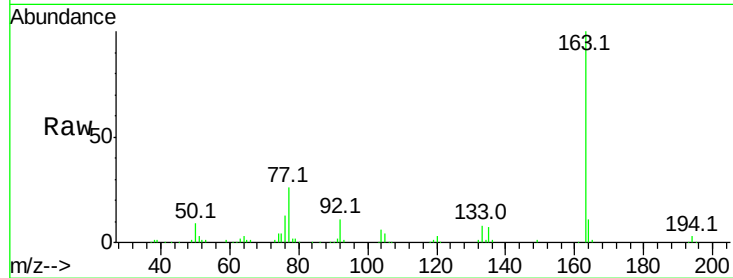
ClientSampleId :

PB87340BSD

Tot Ion:	163	Resp:	344570
Ion Ratio	Lower	Upper	
163	100		
194	3.1	8.0	12.0#
164	10.6	8.0	12.0

Manual Integrations
APPROVED

apatel
12/22/2015 11:50:50 AM



#50

2,6-Dinitrotoluene

Concen: 42.81 ng

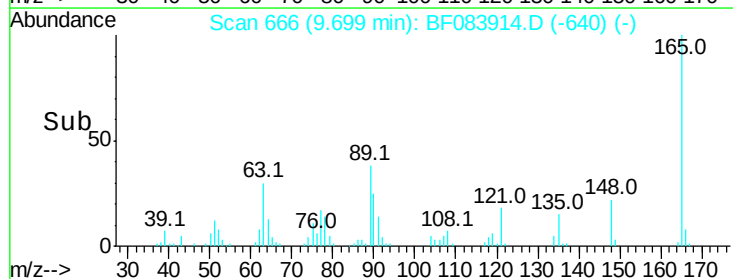
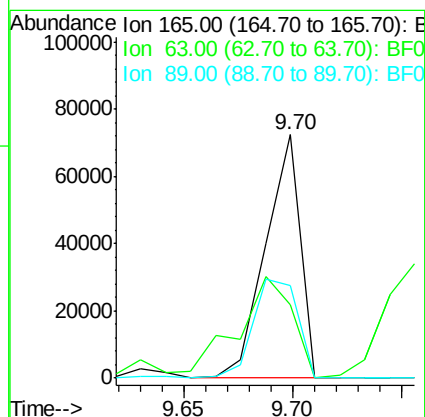
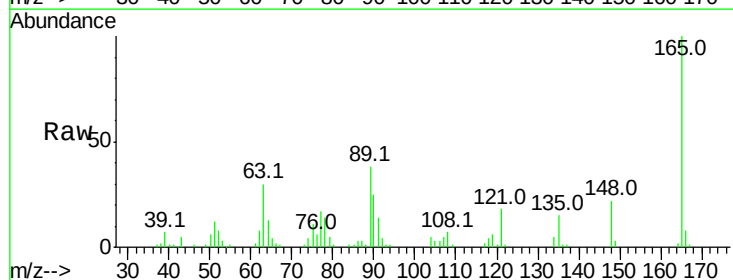
RT: 9.70 min Scan# 666

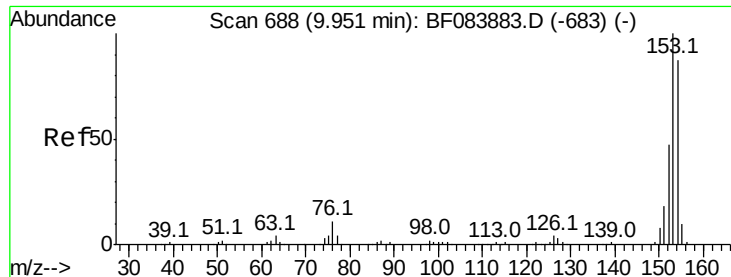
Delta R.T. -0.00 min

Lab File: BF083914.D

Acq: 18 Dec 2015 15:49

Tgt Ion:	165	Resp:	81337
Ion Ratio	Lower	Upper	
165	100		
63	29.9	28.8	43.2
89	37.8	35.1	52.7





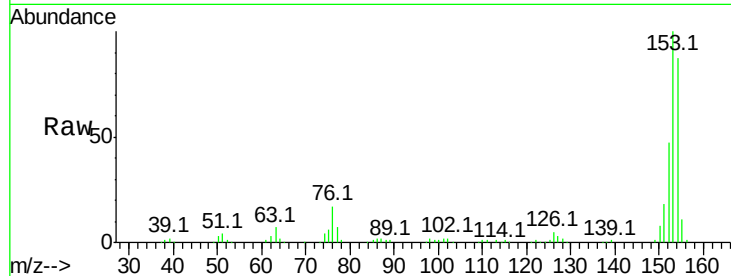
#51
Acenaphthene
Concen: 41.93 ng
RT: 9.94 min Scan# 687
Delta R.T. -0.01 min
Lab File: BF083914.D
Acq: 18 Dec 2015 15:49

Instrument :
BNA_F
ClientSampleId :
PB87340BSD

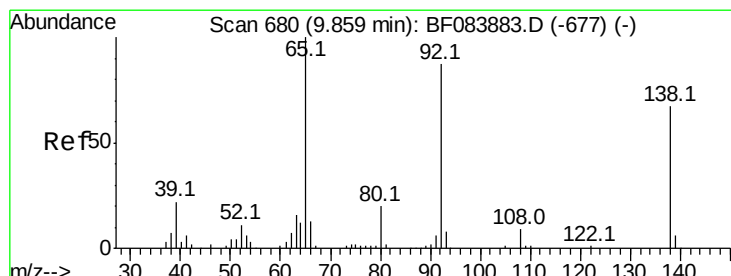
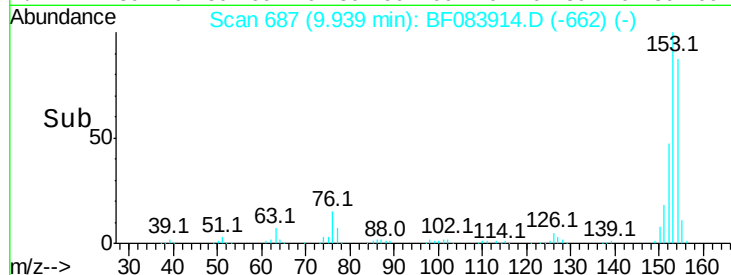
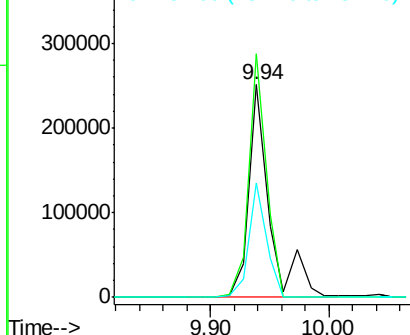
Tot Ion	Ratio	Lower	Upper
154	100		
153	114.7	91.5	137.3
152	53.8	43.0	64.6

Manual Integrations
APPROVED

apatel
12/22/2015 11:50:50 AM



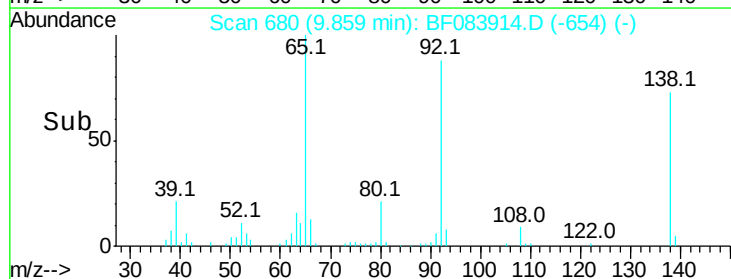
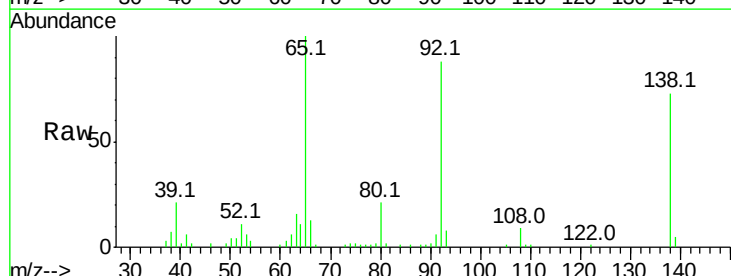
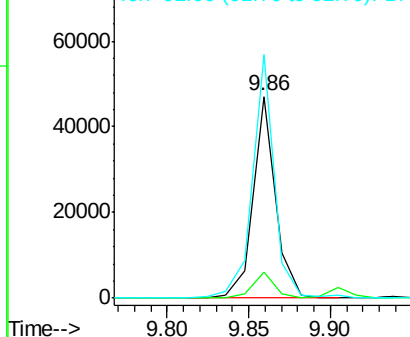
Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

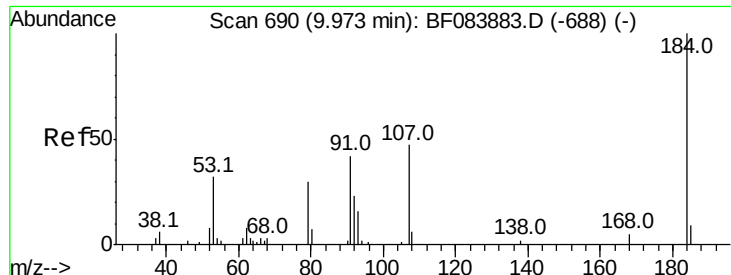


#52
3-Nitroaniline
Concen: 22.41 ng
RT: 9.86 min Scan# 680
Delta R.T. -0.00 min
Lab File: BF083914.D
Acq: 18 Dec 2015 15:49

Tgt Ion	Ratio	Lower	Upper
138	100		
108	12.6	10.5	15.7
92	120.6	103.9	155.9

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





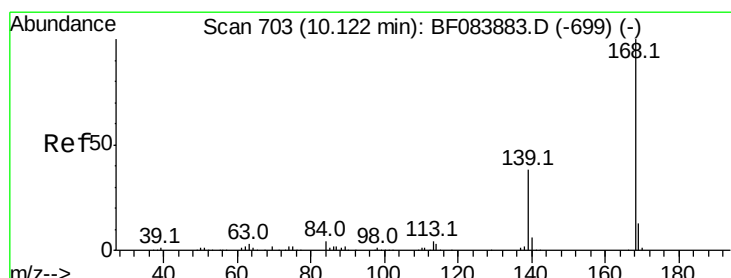
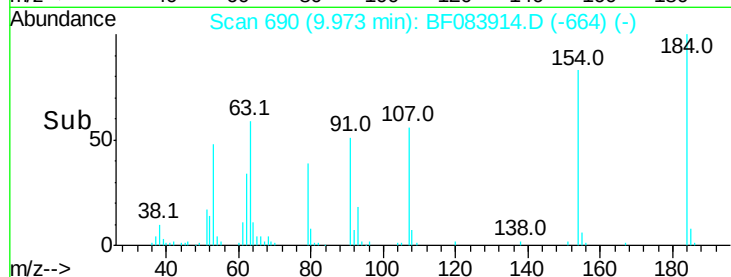
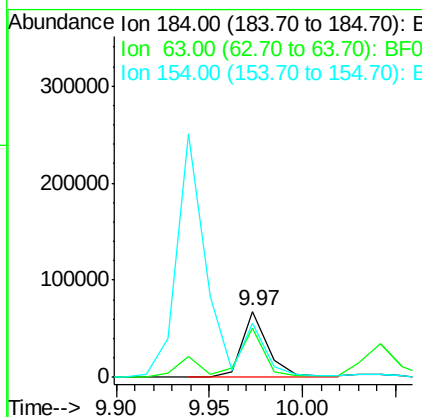
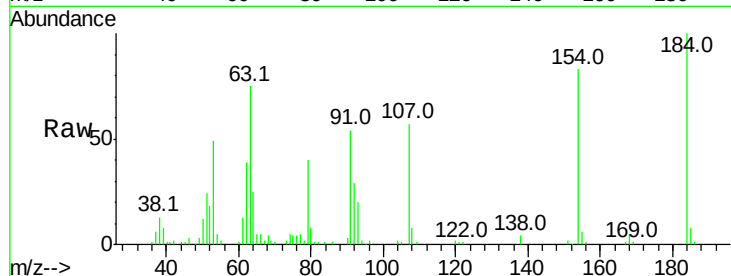
#53
 2,4-Dinitrophenol
 Concen: 96.19 ng
 RT: 9.97 min Scan# 690
 Delta R.T. 0.00 min
 Lab File: BF083914.D
 Acq: 18 Dec 2015 15:49

Instrument :
 BNA_F
 ClientSampleID :
 PB87340BSD

Tot Ion	Ratio	Lower	Upper
184	100		
63	75.4	43.1	64.7#
154	82.6	60.5	90.7

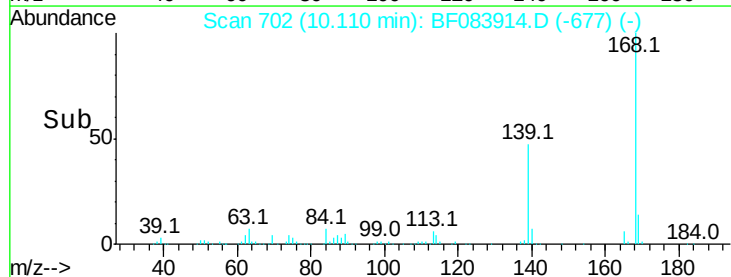
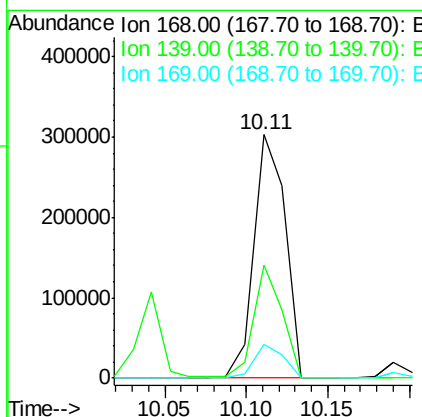
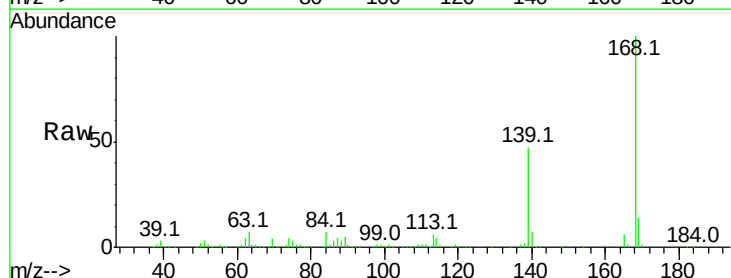
Manual Integrations
 APPROVED

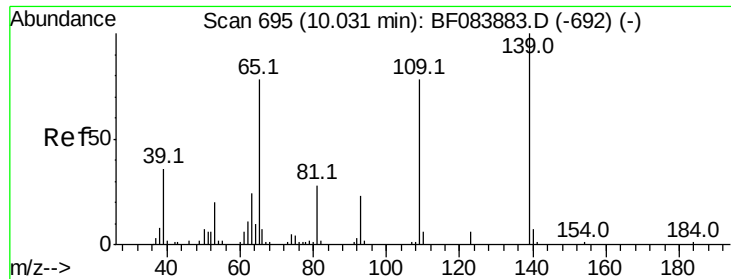
apatel
 12/22/2015 11:50:50 AM



#54
 Dibenzofuran
 Concen: 41.56 ng
 RT: 10.11 min Scan# 702
 Delta R.T. -0.01 min
 Lab File: BF083914.D
 Acq: 18 Dec 2015 15:49

Tgt Ion	Ratio	Lower	Upper
168	100		
139	46.5	30.5	45.7#
169	14.0	10.4	15.6





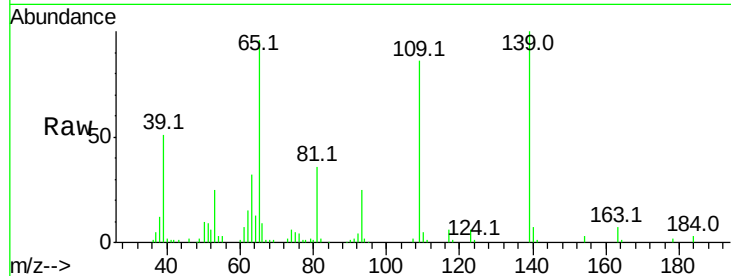
#55
4-Nitrophenol
Concen: 85.95 ng
RT: 10.04 min Scan# 696
Delta R.T. 0.01 min
Lab File: BF083914.D
Acq: 18 Dec 2015 15:49

Instrument :
BNA_F
ClientSampleId :
PB87340BSD

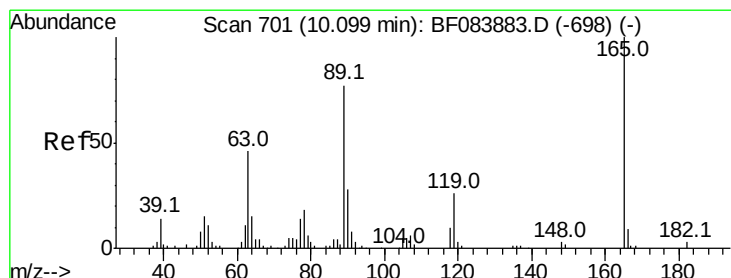
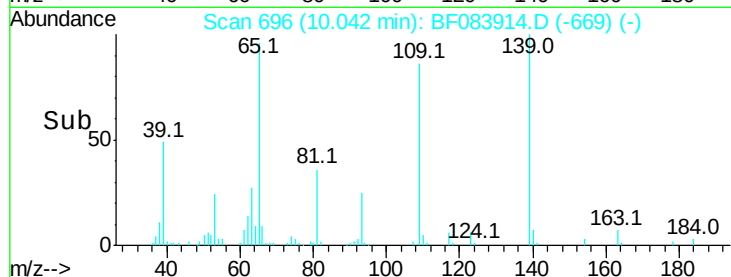
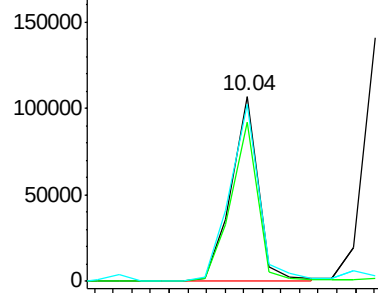
Tot Ion	Ratio	Resp	Lower	Upper
139	100	107456		
109	86.1	58.5	98.5	
65	96.0	57.6	97.6	

Manual Integrations
APPROVED

apatel
12/22/2015 11:50:50 AM



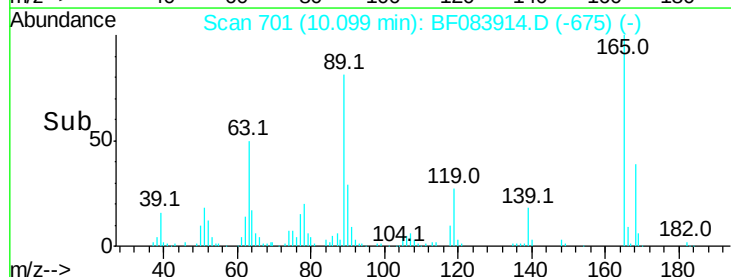
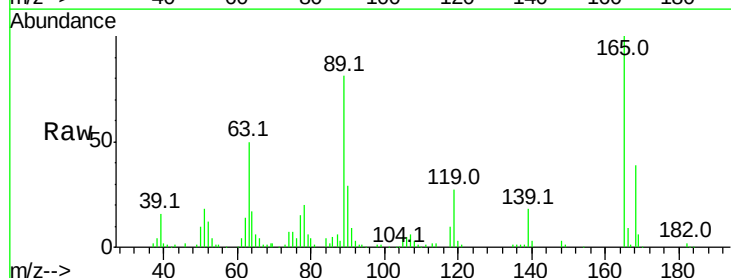
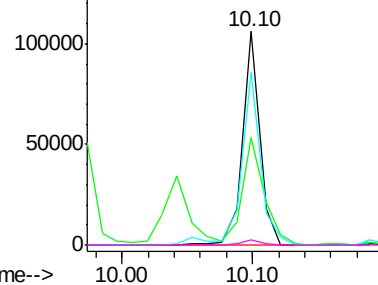
Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0

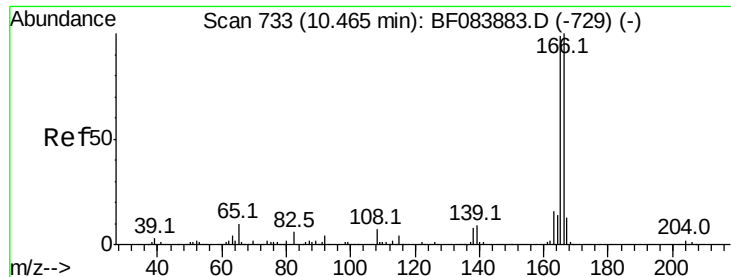


#56
2,4-Dinitrotoluene
Concen: 40.88 ng
RT: 10.10 min Scan# 701
Delta R.T. -0.00 min
Lab File: BF083914.D
Acq: 18 Dec 2015 15:49

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	99560		
63	50.3	36.7	55.1	
89	81.2	61.9	92.9	
182	2.4	2.0	3.0	

Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0
Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 42.48 ng

RT: 10.45 min Scan# 732

Delta R.T. -0.01 min

Lab File: BF083914.D

Acq: 18 Dec 2015 15:49

Instrument :

BNA_F

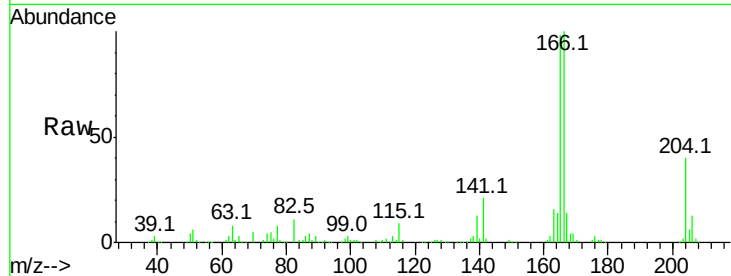
ClientSampleId :

PB87340BSD

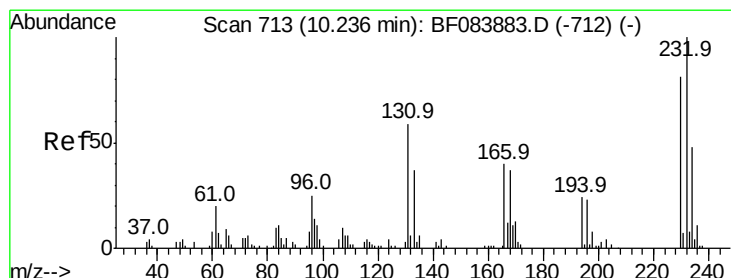
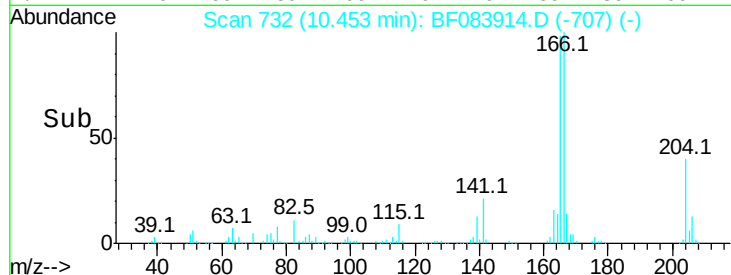
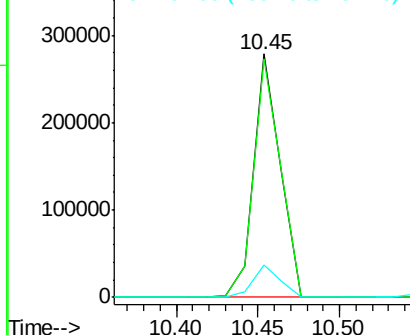
Manual Integrations
APPROVED

apatel
12/22/2015 11:50:50 AM

Tot Ion	Ratio	Resp	Lower	Upper
166	100			
165	98.2	79.1	118.7	
167	13.5	10.4	15.6	



Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 47.87 ng

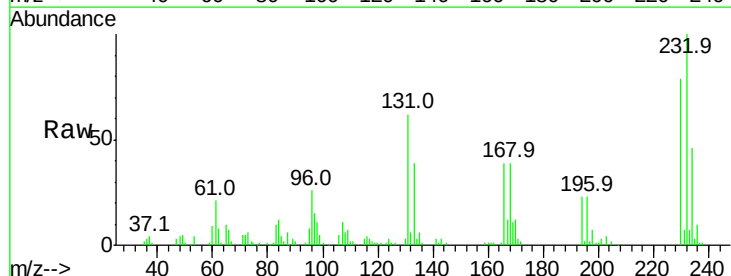
RT: 10.24 min Scan# 713

Delta R.T. -0.00 min

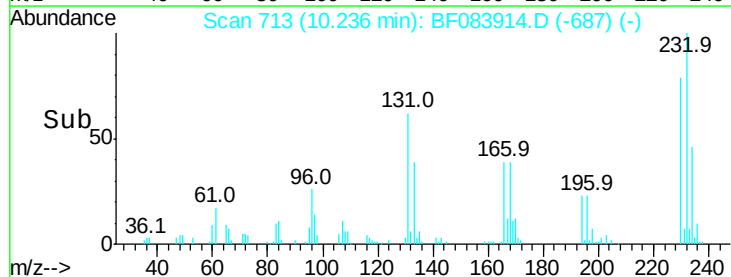
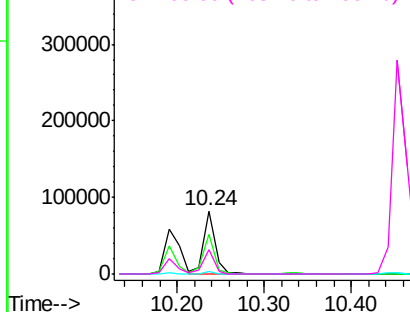
Lab File: BF083914.D

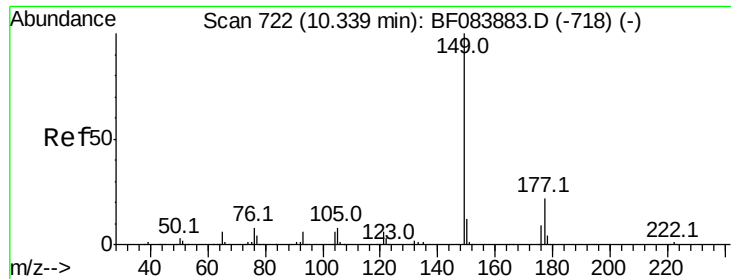
Acq: 18 Dec 2015 15:49

Tgt Ion	Ratio	Resp	Lower	Upper
232	100			
131	59.2	47.0	70.6	
130	2.8	2.0	3.0	
166	37.6	30.5	45.7	



Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E





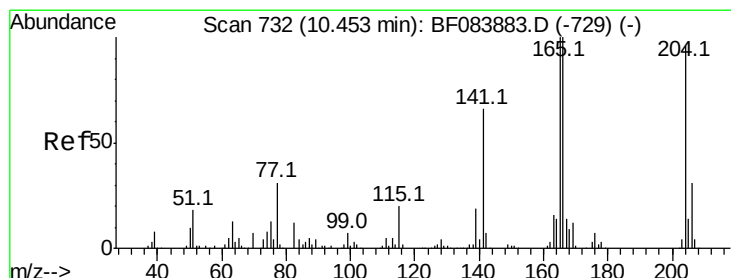
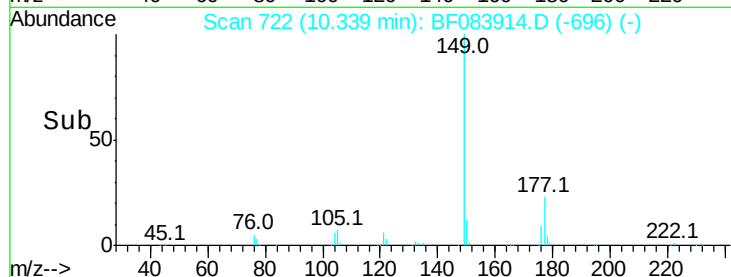
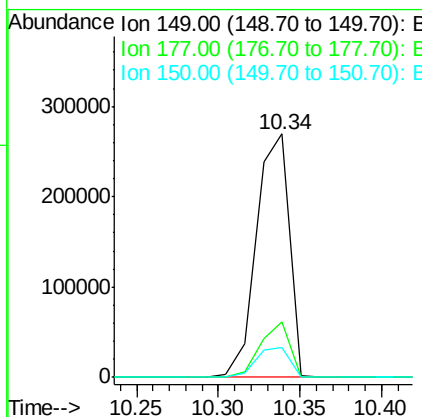
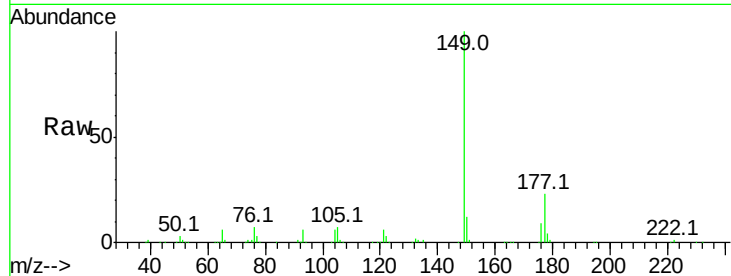
#59
Diethylphthalate
Concen: 41.92 ng
RT: 10.34 min Scan# 722
Delta R.T. -0.00 min
Lab File: BF083914.D
Acq: 18 Dec 2015 15:49

Instrument :
BNA_F
ClientSampleId :
PB87340BSD

Tot Ion	Ratio	Resp	Lower	Upper
149	100	377413		
177	22.7	17.3	25.9	
150	12.1	9.8	14.8	

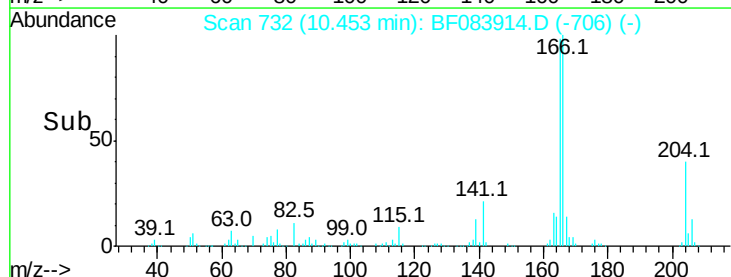
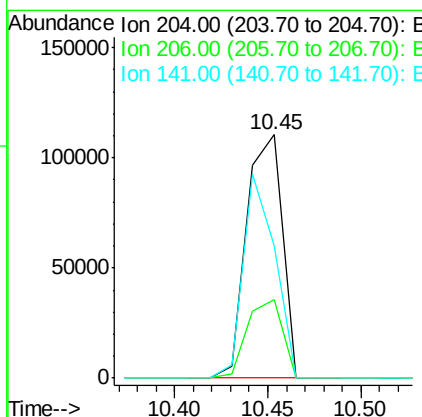
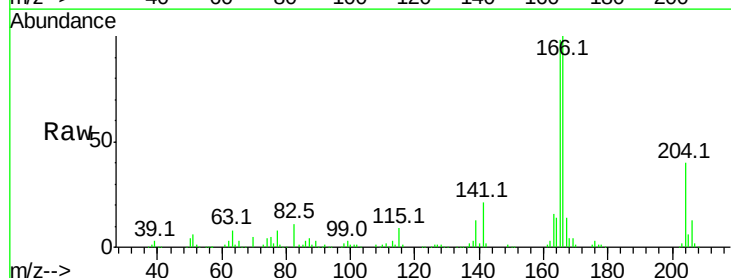
Manual Integrations
APPROVED

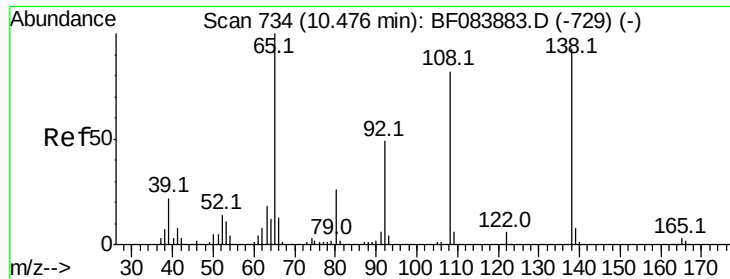
apatel
12/22/2015 11:50:50 AM



#60
4-Chlorophenyl-phenylether
Concen: 39.53 ng
RT: 10.45 min Scan# 732
Delta R.T. -0.00 min
Lab File: BF083914.D
Acq: 18 Dec 2015 15:49

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	146400		
206	32.3	25.7	38.5	
141	54.1	55.1	82.7#	





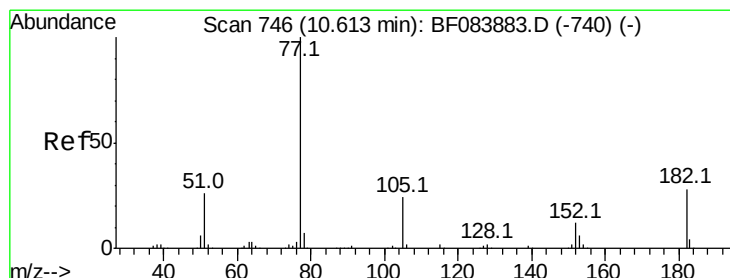
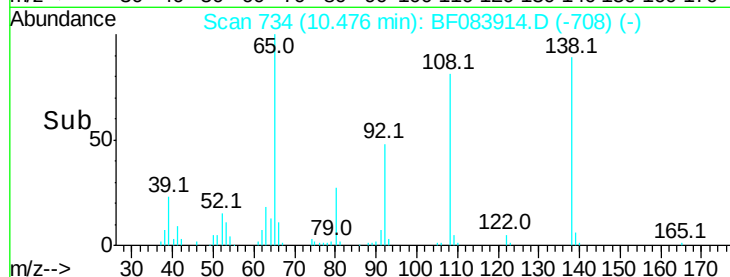
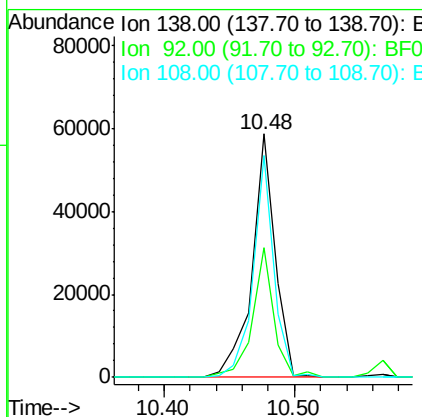
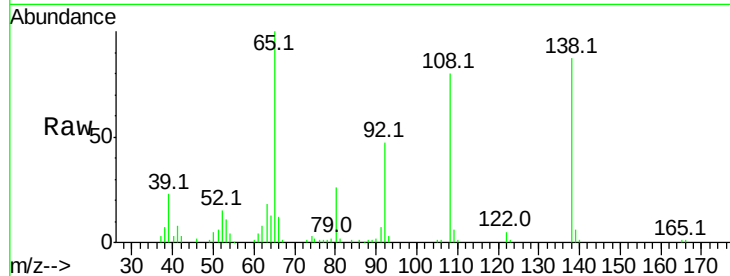
#61
4-Nitroaniline
Concen: 35.07 ng
RT: 10.48 min Scan# 734
Delta R.T. -0.00 min
Lab File: BF083914.D
Acq: 18 Dec 2015 15:49

Instrument :
BNA_F
ClientSampleId :
PB87340BSD

Tot Ion	Ratio	Lower	Upper
138	100		
92	53.5	32.6	72.6
108	91.1	68.6	108.6

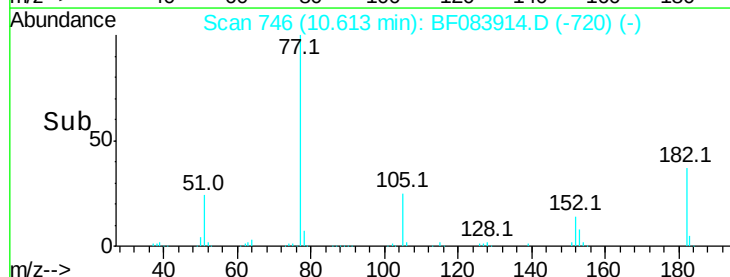
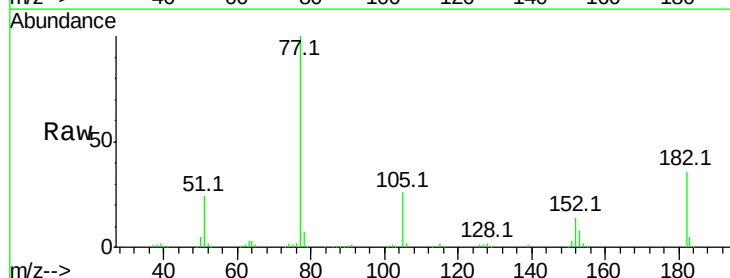
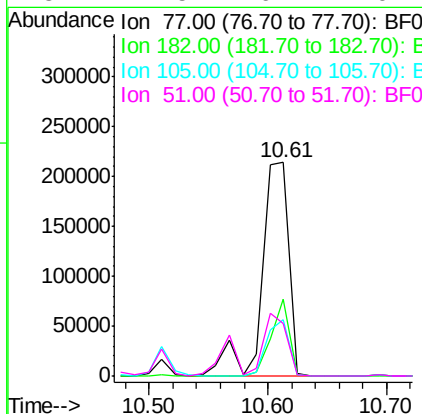
Manual Integrations
APPROVED

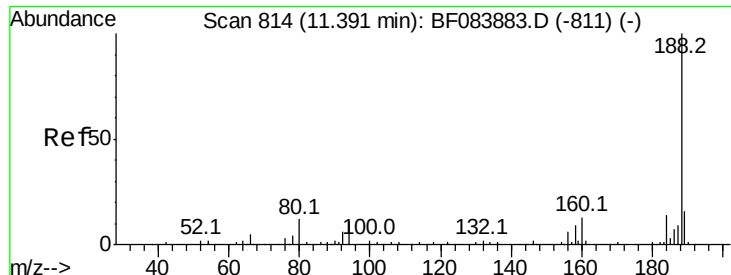
apatel
12/22/2015 11:50:50 AM



#62
Azobenzene
Concen: 45.44 ng
RT: 10.61 min Scan# 746
Delta R.T. -0.00 min
Lab File: BF083914.D
Acq: 18 Dec 2015 15:49

Tgt Ion	Ratio	Lower	Upper
77	100		
182	36.3	8.3	48.3
105	26.2	4.6	44.6
51	24.5	6.2	46.2





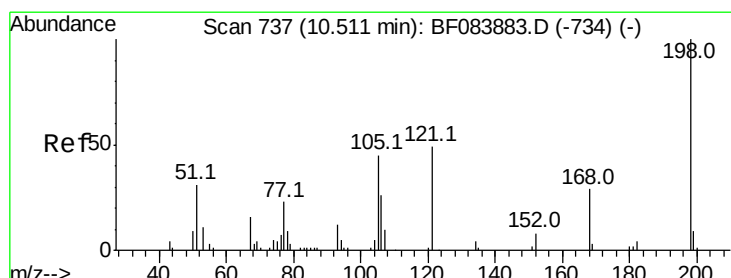
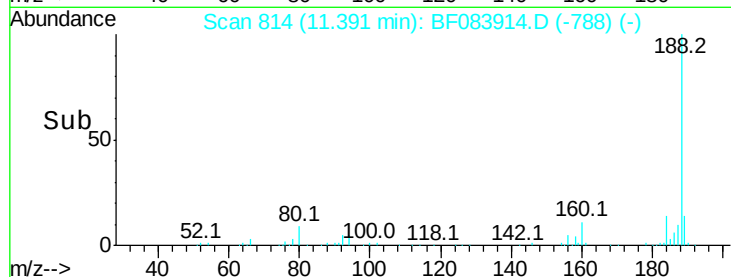
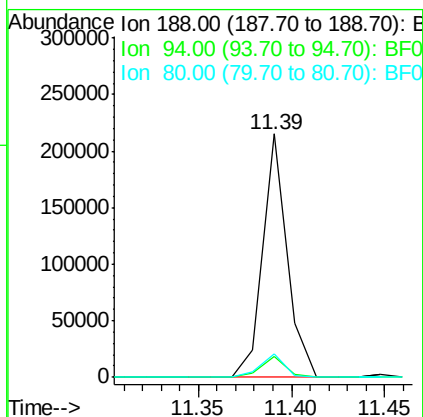
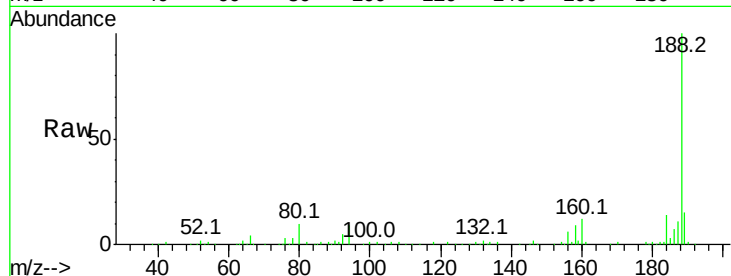
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.39 min Scan# 814
Delta R.T. -0.00 min
Lab File: BF083914.D
Acq: 18 Dec 2015 15:49

Instrument :
BNA_F
ClientSampleId :
PB87340BSD

Tot Ion	Ratio	Resp Lower	Upper
188	100		
94	8.8	9.0	13.4#
80	9.8	9.6	14.4

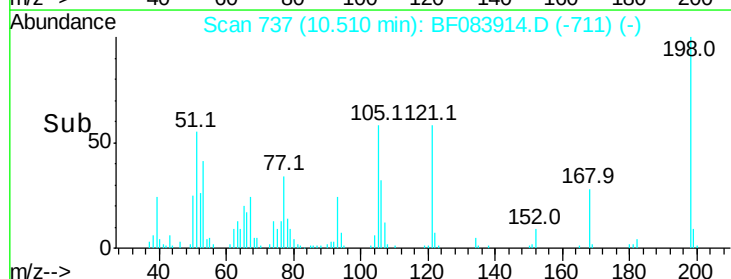
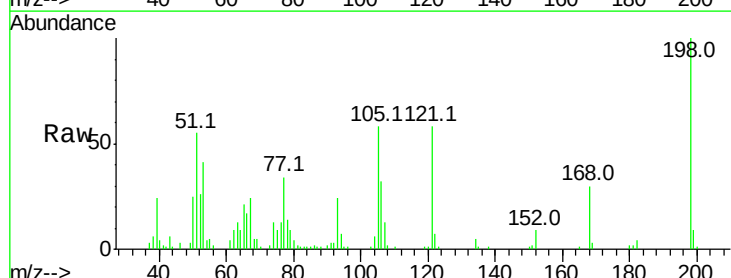
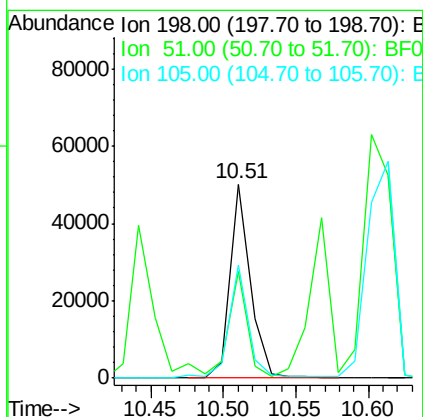
Manual Integrations
APPROVED

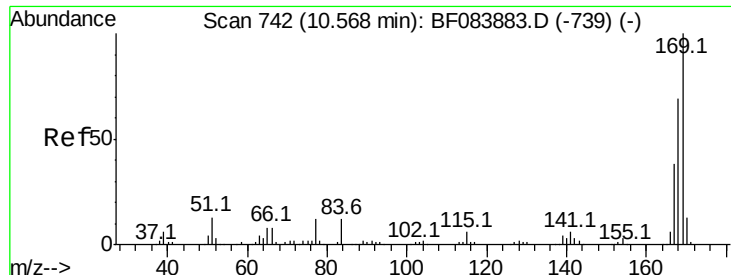
apatel
12/22/2015 11:50:50 AM



#64
4,6-Dinitro-2-methylphenol
Concen: 40.99 ng
RT: 10.51 min Scan# 737
Delta R.T. 0.00 min
Lab File: BF083914.D
Acq: 18 Dec 2015 15:49

Tgt Ion	Ratio	Resp Lower	Upper
198	100		
51	54.9	18.9	58.9
105	58.1	26.4	66.4





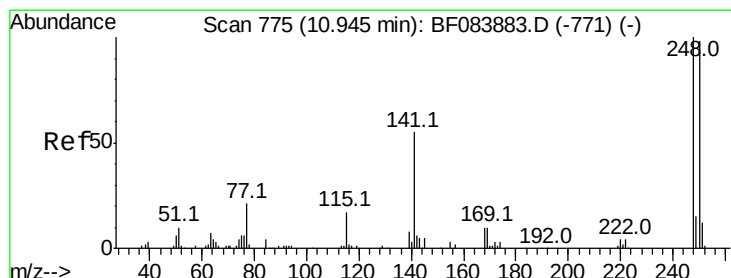
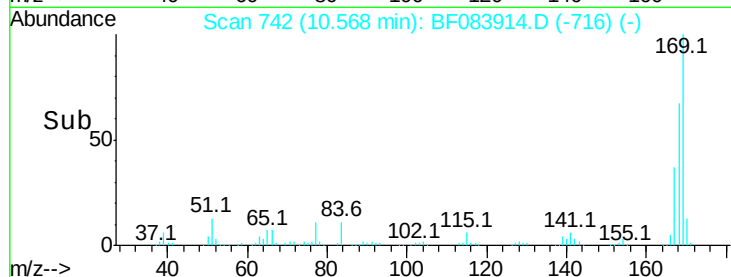
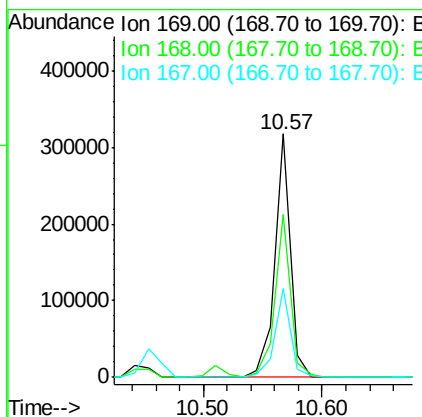
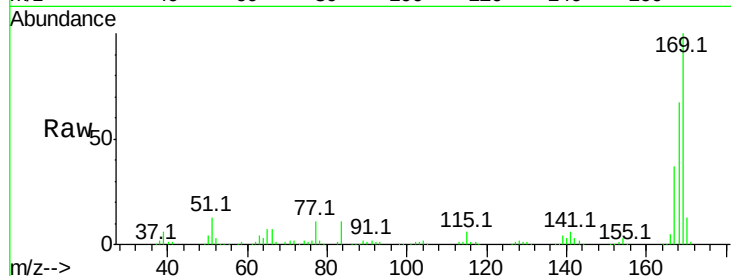
#65
 n-Nitrosodiphenylamine
 Concen: 40.16 ng
 RT: 10.57 min Scan# 742
 Delta R.T. -0.00 min
 Lab File: BF083914.D
 Acq: 18 Dec 2015 15:49

Instrument :
 BNA_F
 ClientSampleId :
 PB87340BSD

Tot Ion	Ratio	Resp	Lower	Upper
169	100	289946		
168	66.8	55.1	82.7	
167	36.5	30.0	45.0	

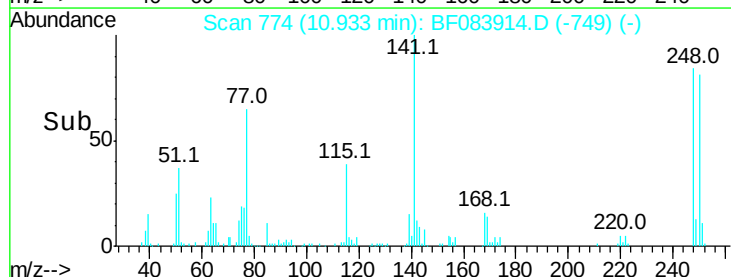
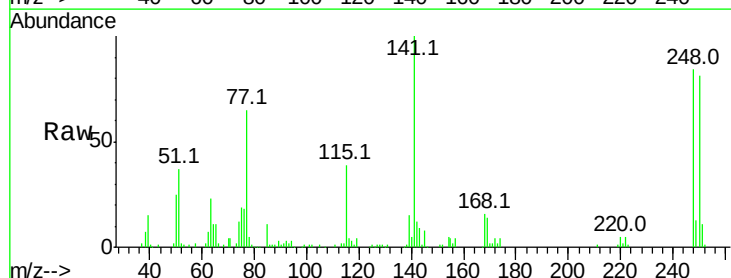
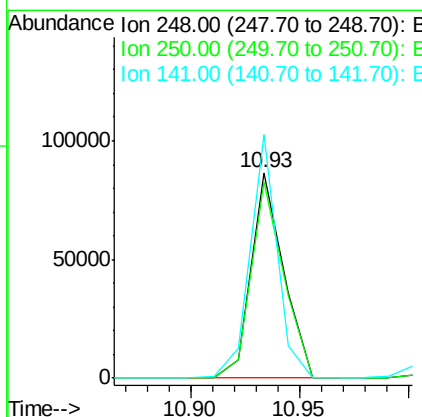
Manual Integrations
 APPROVED

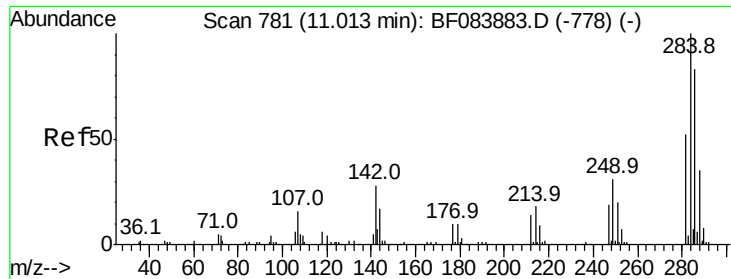
apatel
 12/22/2015 11:50:50 AM



#66
 4-Bromophenyl-phenylether
 Concen: 36.72 ng
 RT: 10.93 min Scan# 774
 Delta R.T. -0.01 min
 Lab File: BF083914.D
 Acq: 18 Dec 2015 15:49

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	89055		
250	95.6	78.4	117.6	
141	118.6	44.0	66.0	





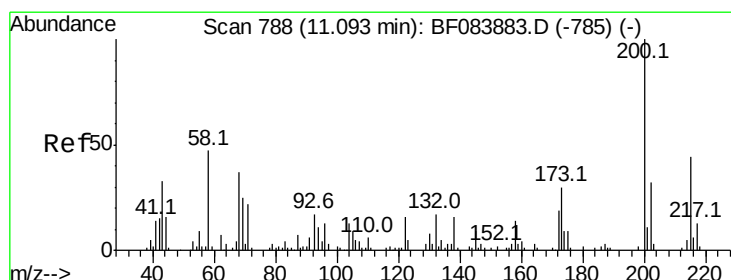
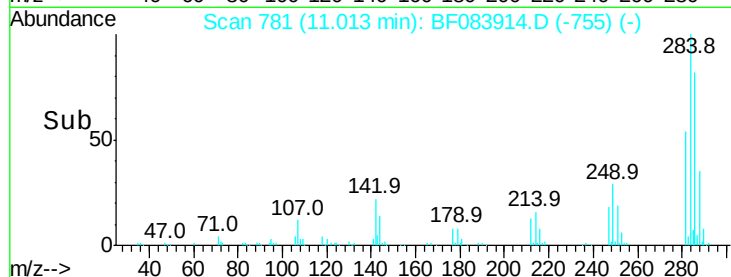
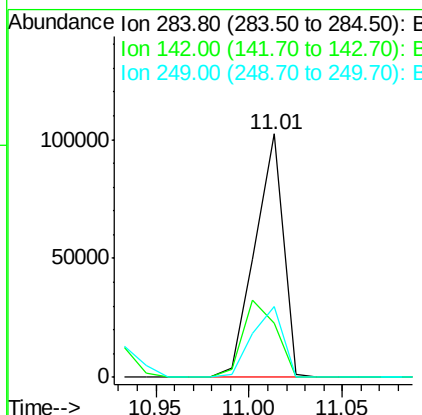
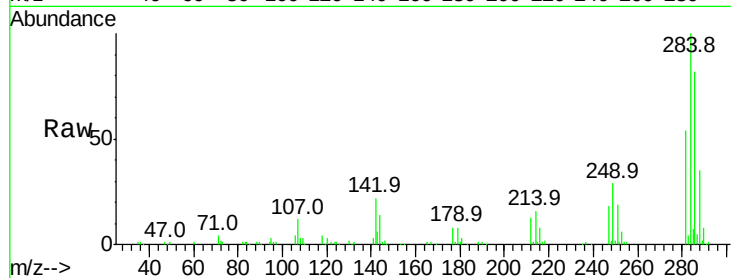
#67
Hexachlorobenzene
Concen: 42.26 ng
RT: 11.01 min Scan# 781
Delta R.T. -0.00 min
Lab File: BF083914.D
Acq: 18 Dec 2015 15:49

Instrument :
BNA_F
ClientSampleId :
PB87340BSD

Tot Ion	Ratio	Resp Lower	Upper
284	100		
142	22.3	22.2	33.4
249	29.1	24.6	37.0

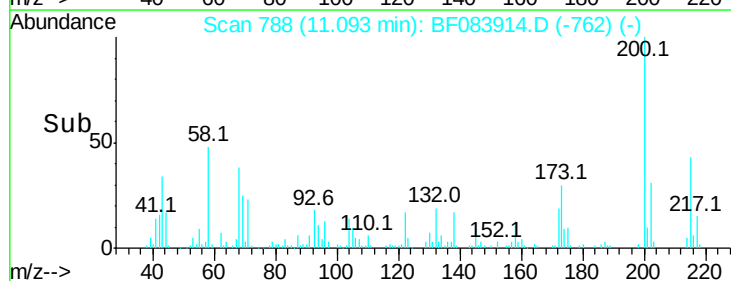
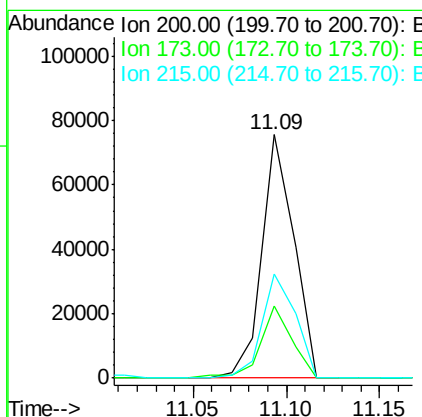
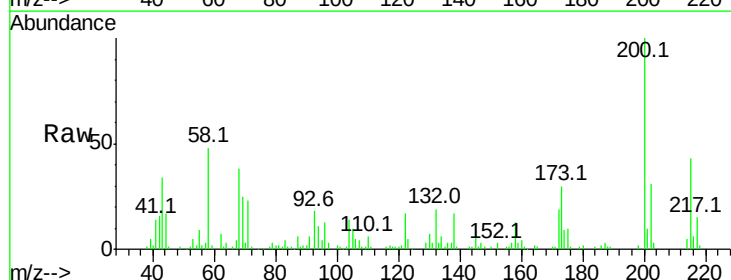
Manual Integrations
APPROVED

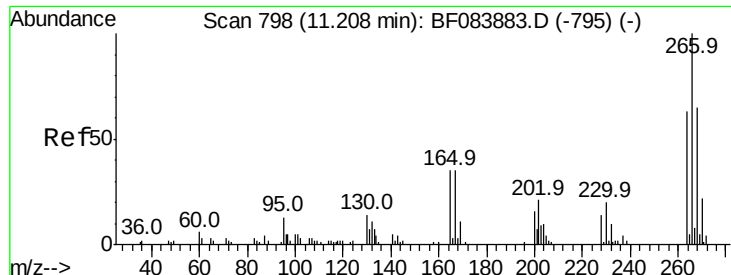
apatel
12/22/2015 11:50:50 AM



#68
Atrazine
Concen: 39.12 ng
RT: 11.09 min Scan# 788
Delta R.T. -0.00 min
Lab File: BF083914.D
Acq: 18 Dec 2015 15:49

Tgt Ion	Ratio	Resp Lower	Upper
200	100		
173	29.6	9.5	49.5
215	42.5	23.8	63.8





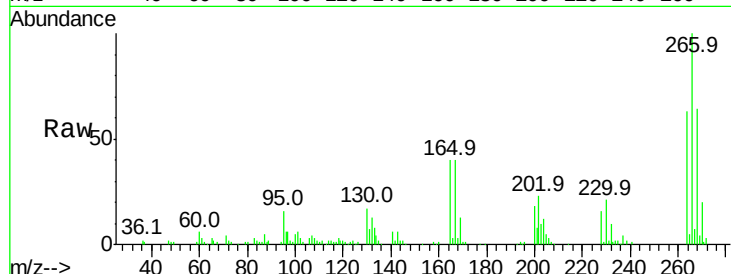
#69
 Pentachlorophenol
 Concen: 90.51 ng
 RT: 11.21 min Scan# 798
 Delta R.T. 0.00 min
 Lab File: BF083914.D
 Acq: 18 Dec 2015 15:49

Instrument :
 BNA_F
 ClientSampleId :
 PB87340BSD

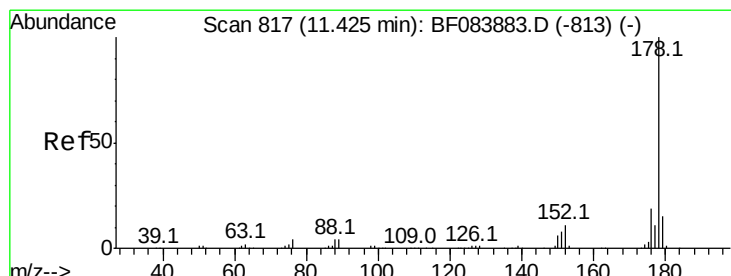
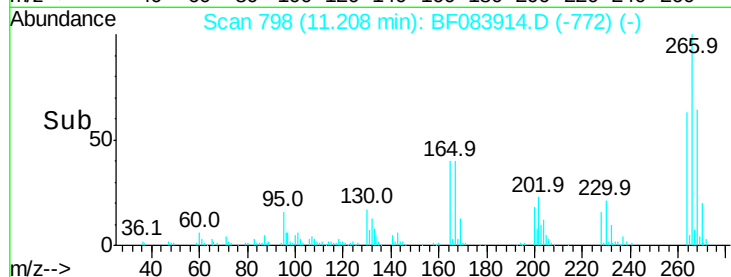
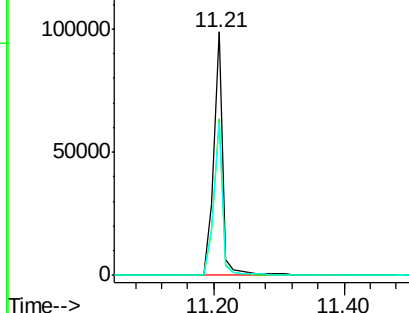
Tot Ion	Ratio	Resp	Lower	Upper
266	100	98805		
268	64.1		52.4	78.6
264	62.7		50.2	75.2

Manual Integrations
 APPROVED

apatel
 12/22/2015 11:50:50 AM



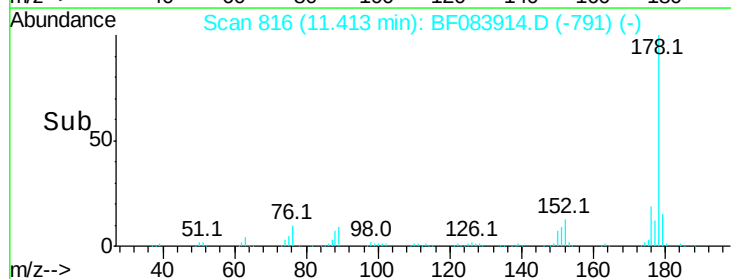
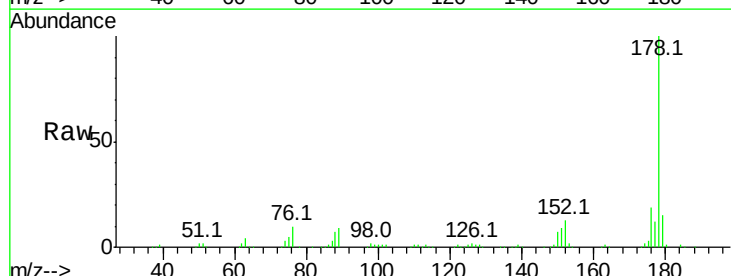
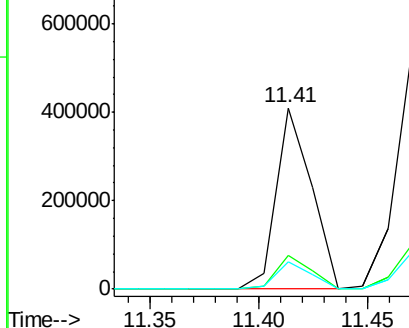
Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

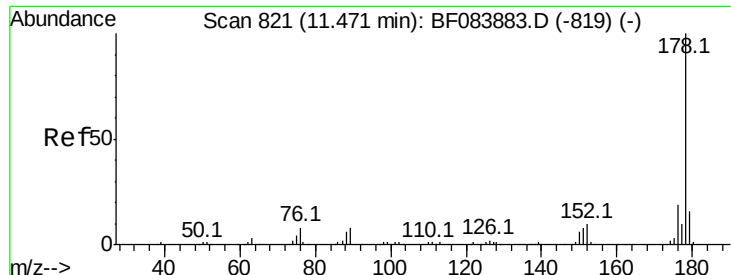


#70
 Phenanthrene
 Concen: 38.77 ng
 RT: 11.41 min Scan# 816
 Delta R.T. -0.01 min
 Lab File: BF083914.D
 Acq: 18 Dec 2015 15:49

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	464685		
176	19.0		15.3	22.9
179	15.2		12.0	18.0

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





#71

Anthracene

Concen: 43.02 ng

RT: 11.47 min Scan# 821

Delta R.T. -0.00 min

Lab File: BF083914.D

Acq: 18 Dec 2015 15:49

Instrument :

BNA_F

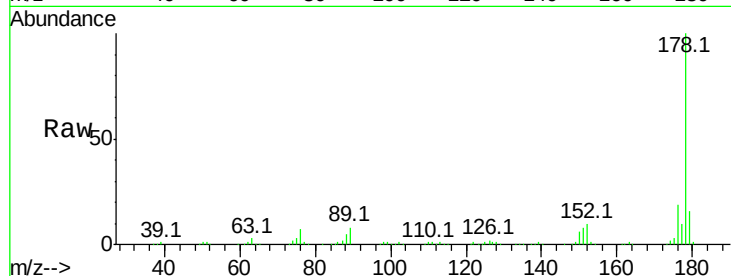
ClientSampleId :

PB87340BSD

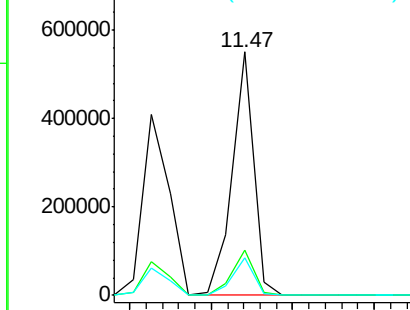
Tot Ion:	178	Resp:	498517
Ion Ratio	Lower	Upper	
178	100		
176	18.7	15.4	23.0
179	15.5	12.5	18.7

Manual Integrations
APPROVED

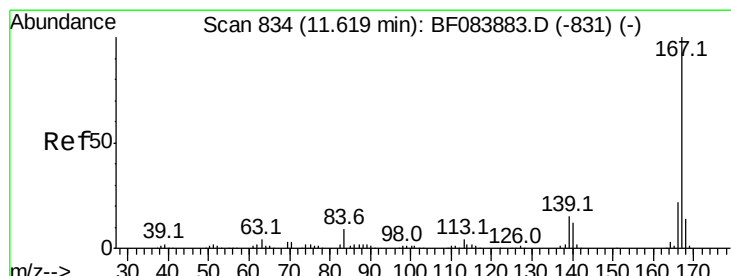
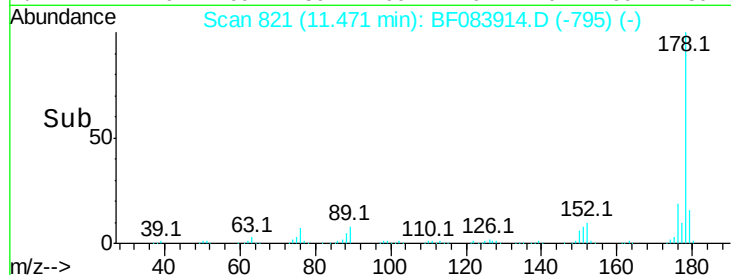
apatel
12/22/2015 11:50:50 AM



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



Time--> 11.40 11.45 11.50 11.55



#72

Carbazole

Concen: 37.97 ng

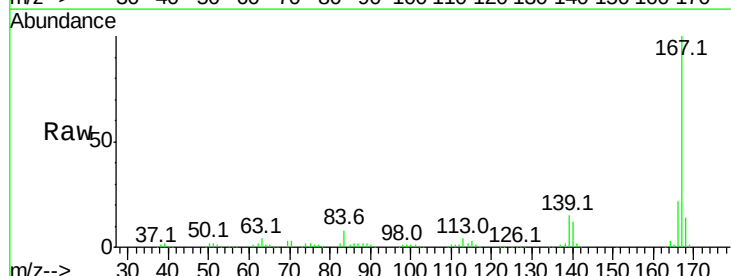
RT: 11.62 min Scan# 834

Delta R.T. -0.00 min

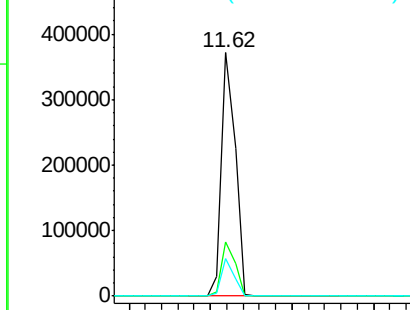
Lab File: BF083914.D

Acq: 18 Dec 2015 15:49

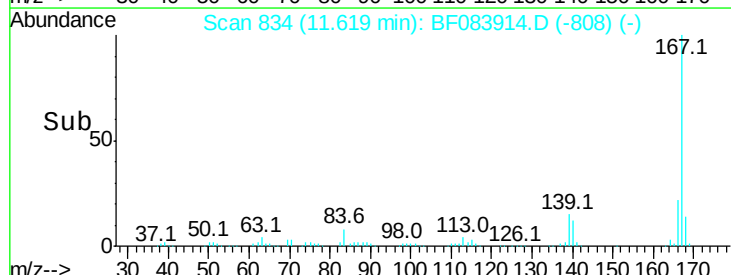
Tgt Ion:	167	Resp:	434662
Ion Ratio	Lower	Upper	
167	100		
166	22.4	17.6	26.4
139	15.2	11.8	17.8

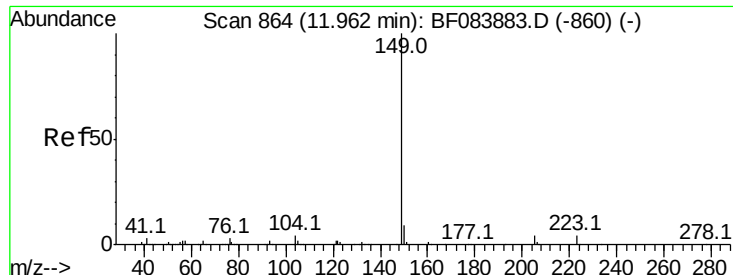


Abundance Ion 167.00 (166.70 to 167.70): E
Ion 166.00 (165.70 to 166.70): E
Ion 139.00 (138.70 to 139.70): E



Time--> 11.50 11.60 11.70 11.80





#73

Di-n-butylphthalate

Concen: 41.84 ng

RT: 11.95 min Scan# 863

Delta R.T. -0.01 min

Lab File: BF083914.D

Acq: 18 Dec 2015 15:49

Instrument :

BNA_F

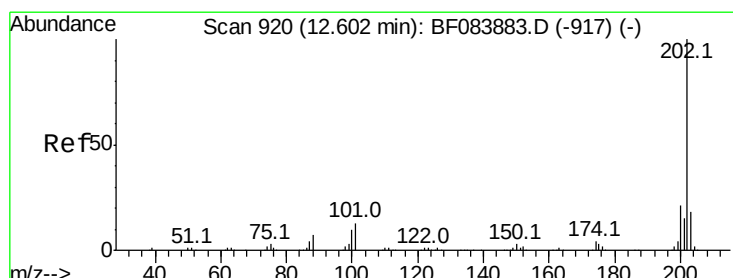
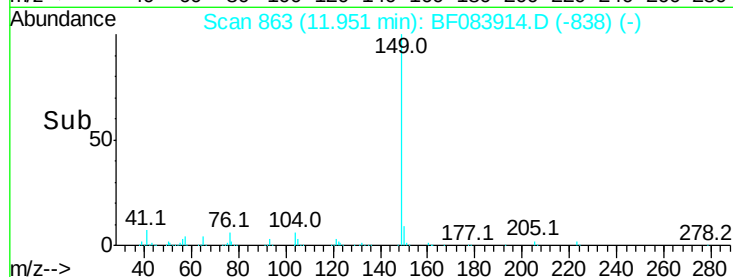
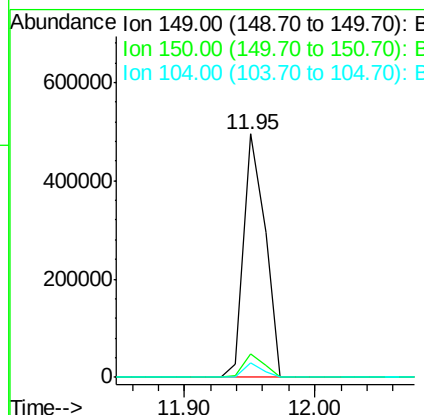
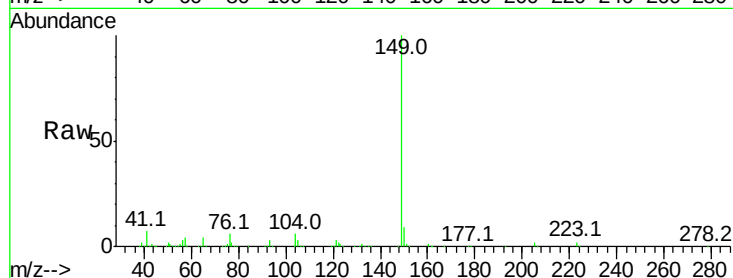
ClientSampleId :

PB87340BSD

Tot Ion:	149	Resp:	562836
Ion Ratio	Lower	Upper	
149	100		
150	9.4	7.1	10.7
104	5.7	3.2	4.8

Manual Integrations
APPROVED

apatel
12/22/2015 11:50:50 AM



#74

Fluoranthene

Concen: 39.51 ng

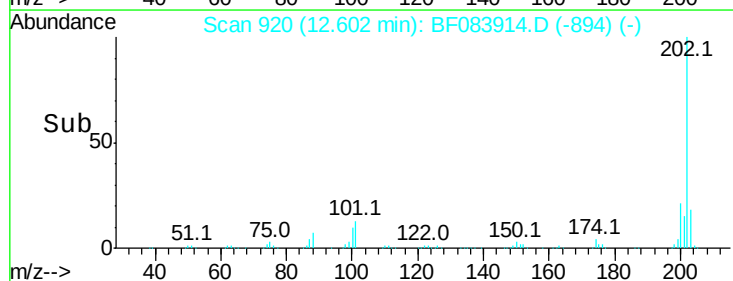
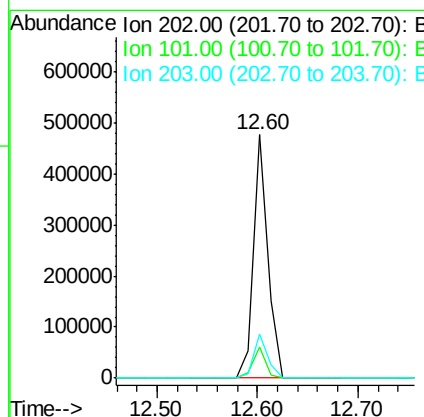
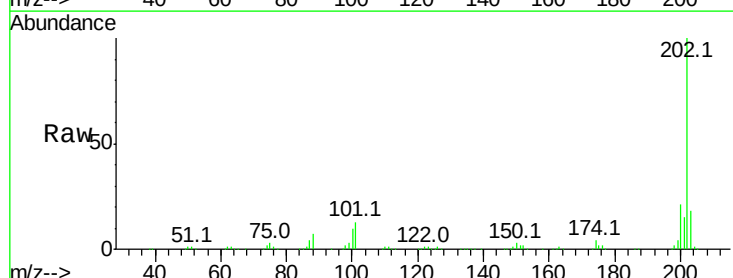
RT: 12.60 min Scan# 920

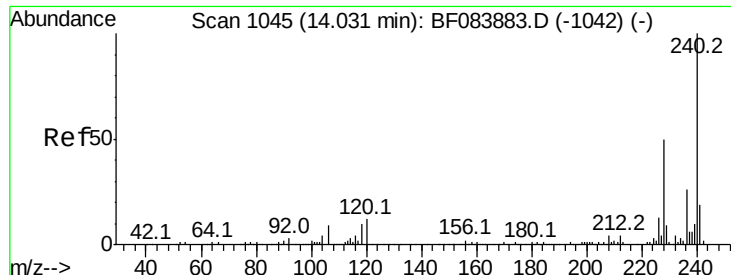
Delta R.T. -0.00 min

Lab File: BF083914.D

Acq: 18 Dec 2015 15:49

Tgt Ion:	202	Resp:	472589
Ion Ratio	Lower	Upper	
202	100		
101	12.7	0.0	32.8
203	18.0	0.0	37.9





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.03 min Scan# 1045

Delta R.T. -0.00 min

Lab File: BF083914.D

Acq: 18 Dec 2015 15:49

Instrument :

BNA_F

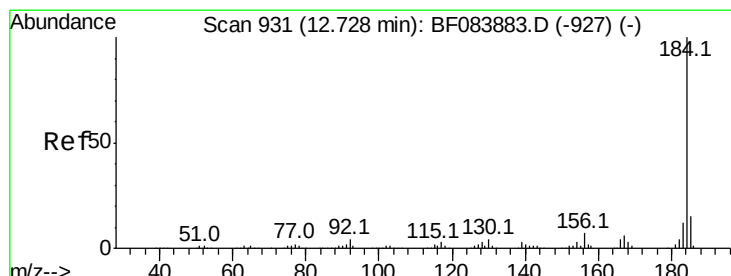
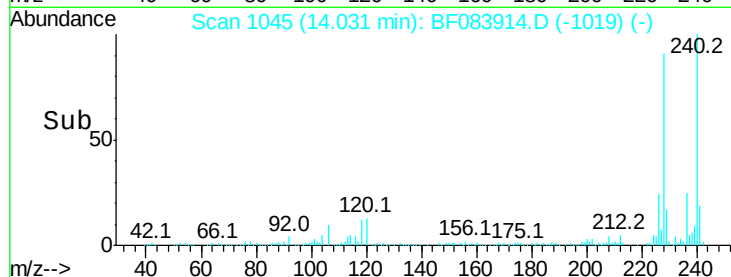
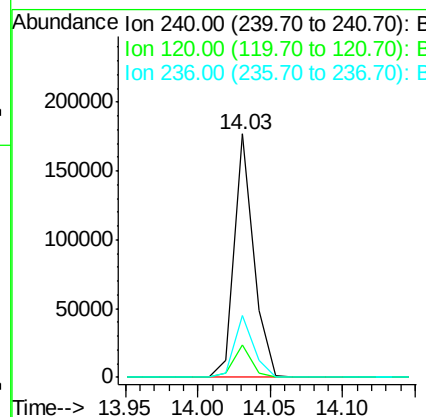
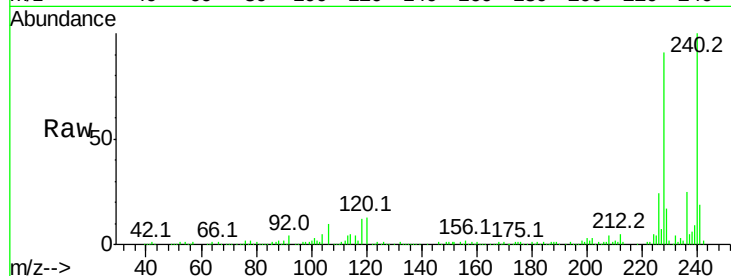
ClientSampleId :

PB87340BSD

Tot Ion:	240	Resp:	164995
Ion Ratio	Lower	Upper	
240	100		
120	13.2	9.5	14.3
236	25.5	20.6	31.0

Manual Integrations
APPROVED

apatel
12/22/2015 11:50:50 AM



#76

Benzidine

Concen: 23.85 ng

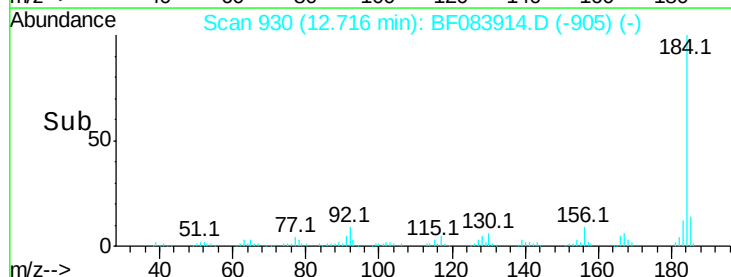
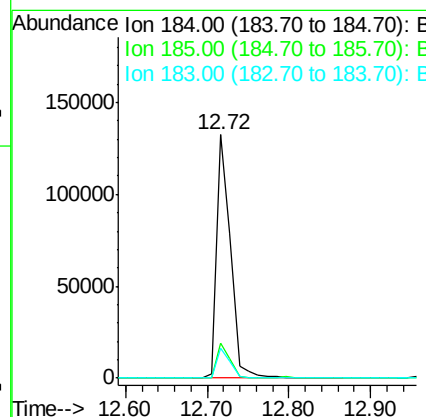
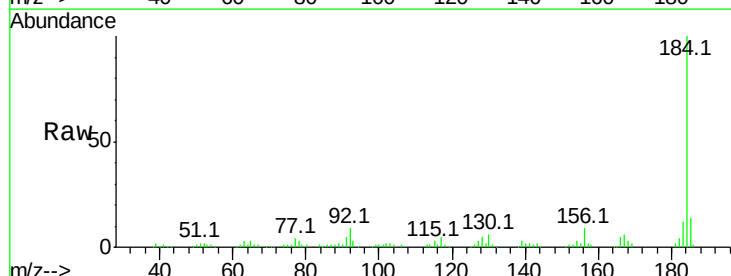
RT: 12.72 min Scan# 930

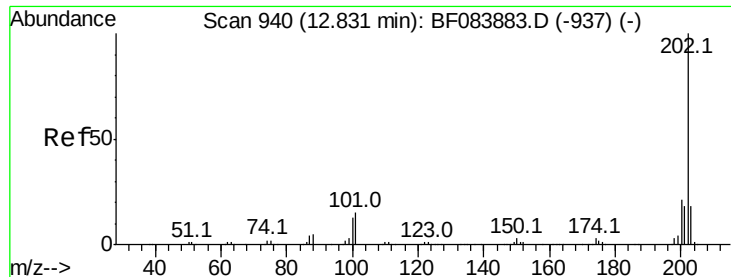
Delta R.T. -0.01 min

Lab File: BF083914.D

Acq: 18 Dec 2015 15:49

Tgt Ion:	184	Resp:	157549
Ion Ratio	Lower	Upper	
184	100		
185	14.2	12.2	18.2
183	12.3	9.8	14.8





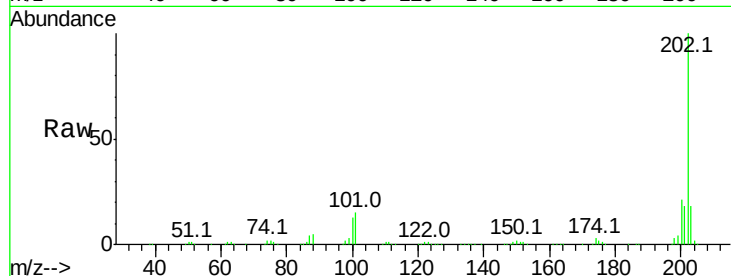
#77
Pvrene
Concen: 45.91 ng
RT: 12.83 min Scan# 940
Delta R.T. 0.00 min
Lab File: BF083914.D
Acq: 18 Dec 2015 15:49

Instrument :
BNA_F
ClientSampleId :
PB87340BSD

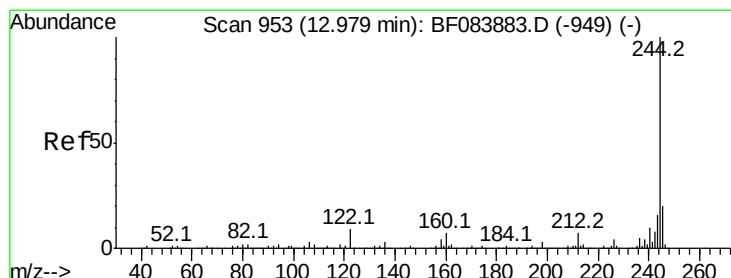
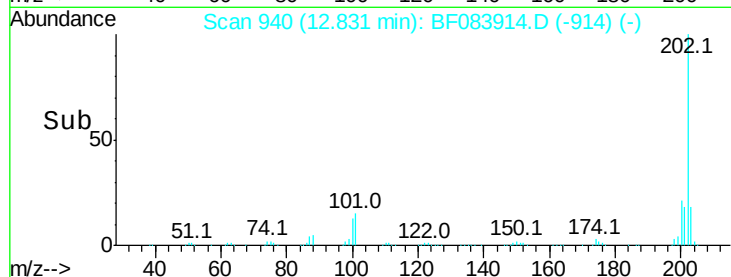
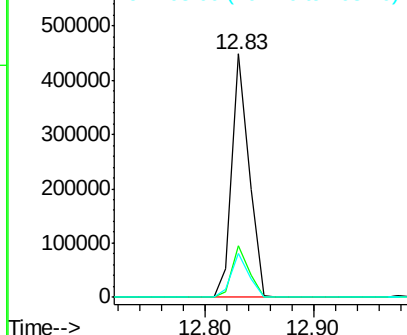
Tot Ion	Ratio	Resp Lower	Upper
202	100		
200	21.5	17.2	25.8
203	18.2	14.3	21.5

Manual Integrations
APPROVED

apatel
12/22/2015 11:50:50 AM

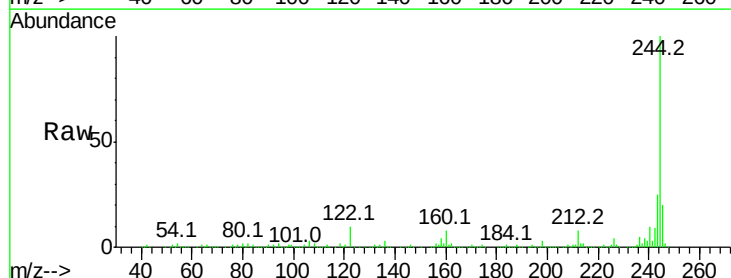


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

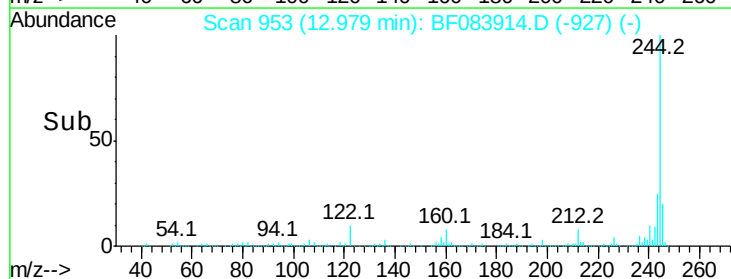
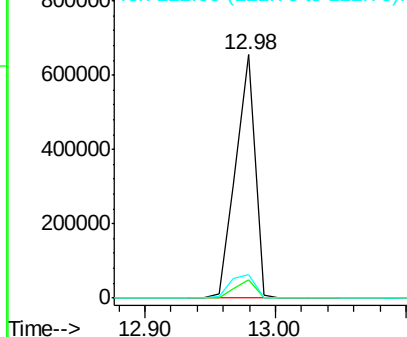


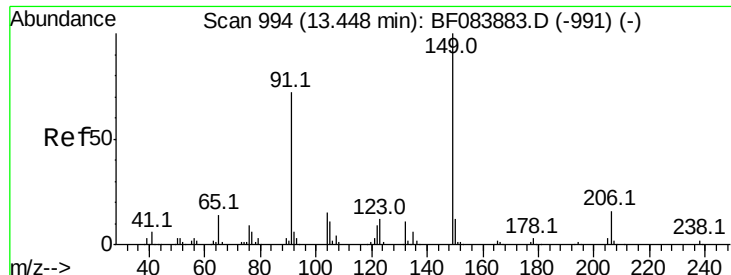
#78
Terphenyl-d14
Concen: 96.24 ng
RT: 12.98 min Scan# 953
Delta R.T. 0.00 min
Lab File: BF083914.D
Acq: 18 Dec 2015 15:49

Tgt Ion	Ratio	Resp Lower	Upper
244	100		
212	7.6	5.7	8.5
122	9.6	7.4	11.0



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





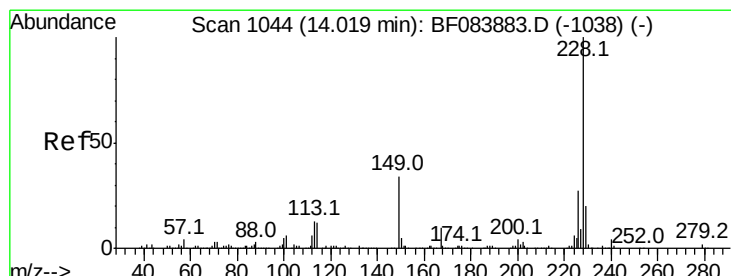
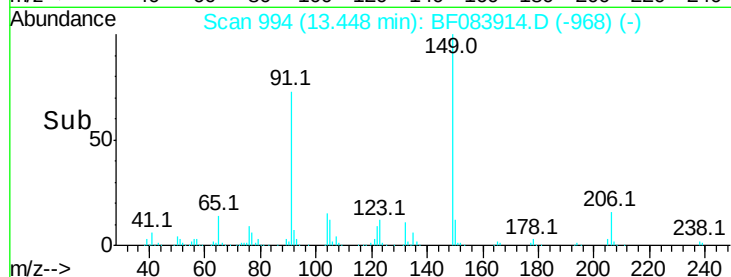
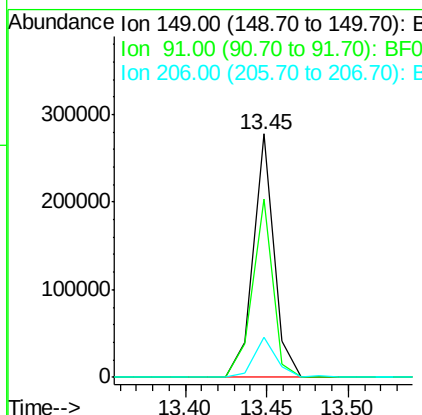
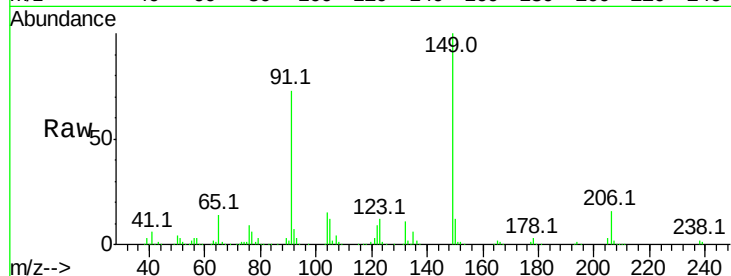
#79
Butylbenzylphthalate
Concen: 45.01 ng
RT: 13.45 min Scan# 994
Delta R.T. -0.00 min
Lab File: BF083914.D
Acq: 18 Dec 2015 15:49

Instrument :
BNA_F
ClientSampleId :
PB87340BSD

Tot Ion	Ratio	Resp Lower	Upper
149	100		
91	73.1	57.6	86.4
206	16.3	13.2	19.8

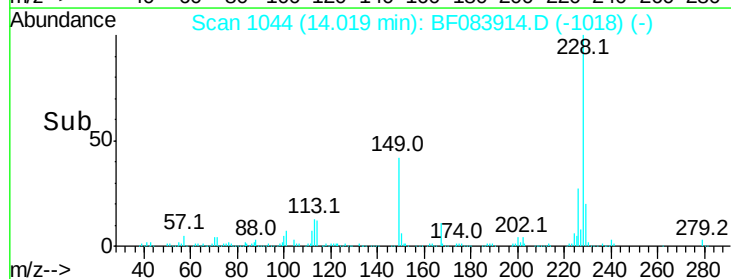
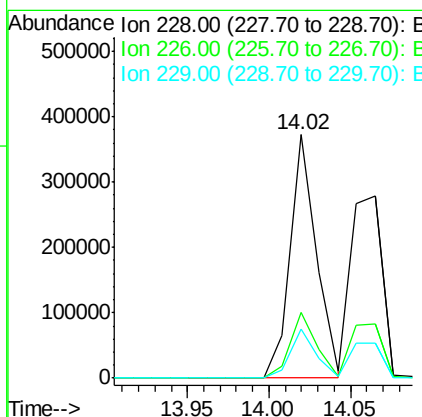
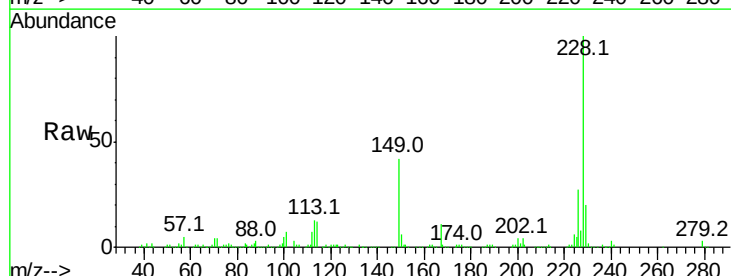
Manual Integrations
APPROVED

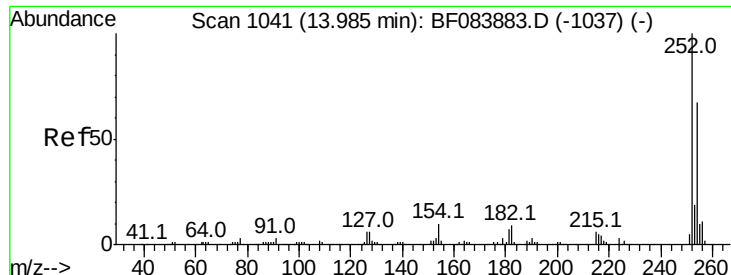
apatel
12/22/2015 11:50:50 AM



#80
Benzo(a)anthracene
Concen: 41.36 ng
RT: 14.02 min Scan# 1044
Delta R.T. -0.00 min
Lab File: BF083914.D
Acq: 18 Dec 2015 15:49

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
226	27.2	21.8	32.6
229	19.9	15.8	23.8





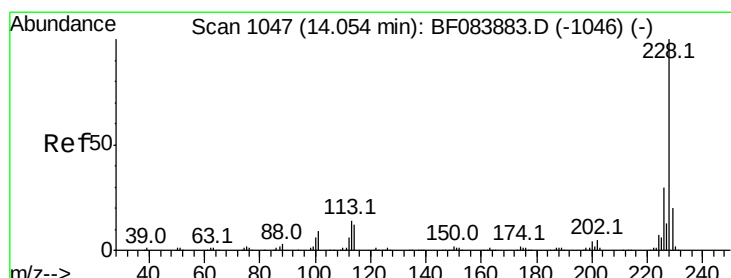
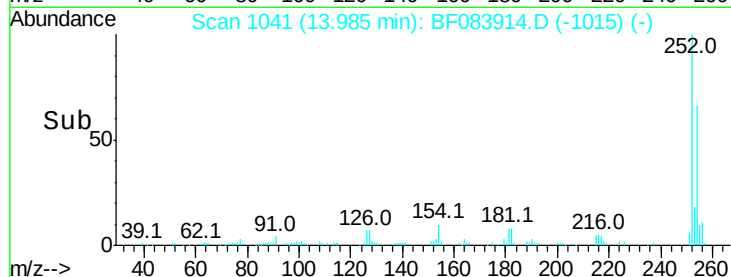
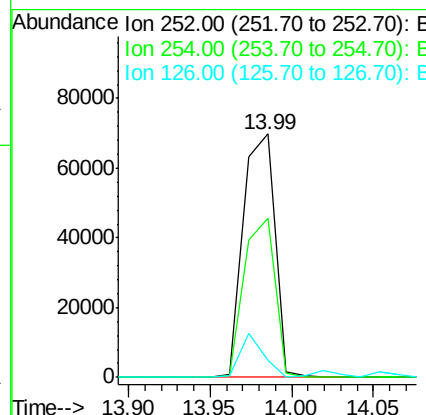
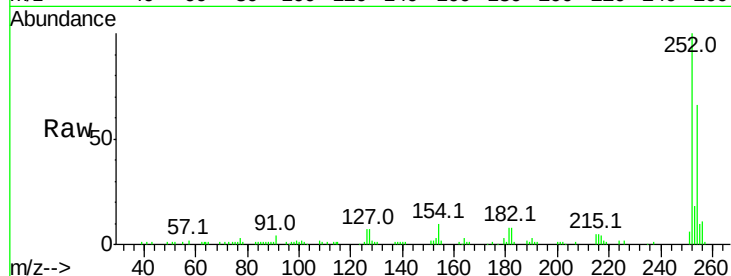
#81
 3,3'-Dichlorobenzidine
 Concen: 24.66 ng
 RT: 13.99 min Scan# 1041
 Delta R.T. -0.00 min
 Lab File: BF083914.D
 Acq: 18 Dec 2015 15:49

Instrument :
 BNA_F
 ClientSampleId :
 PB87340BSD

Tot Ion	Ratio	Resp Lower	Upper
252	100		
254	65.5	53.5	80.3
126	6.9	4.9	7.3

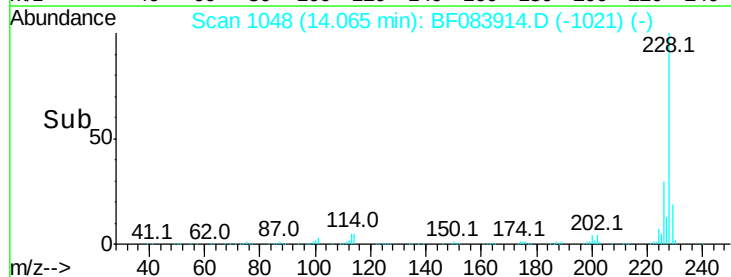
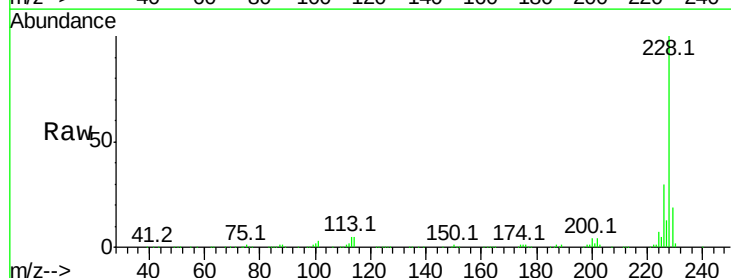
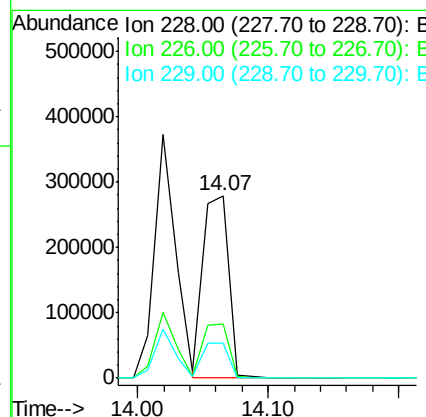
Manual Integrations
 APPROVED

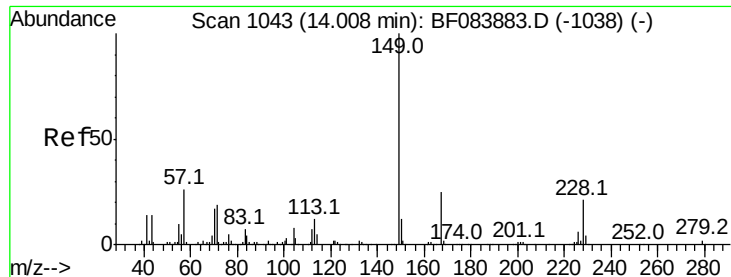
apatel
 12/22/2015 11:50:50 AM



#82
 Chrysene
 Concen: 38.92 ng
 RT: 14.07 min Scan# 1048
 Delta R.T. 0.01 min
 Lab File: BF083914.D
 Acq: 18 Dec 2015 15:49

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
226	29.9	24.3	36.5
229	19.5	16.1	24.1





#83

Bis(2-ethylhexyl)phthalate

Concen: 45.88 ng

RT: 14.01 min Scan# 1043

Delta R.T. -0.00 min

Lab File: BF083914.D

Acq: 18 Dec 2015 15:49

Instrument :

BNA_F

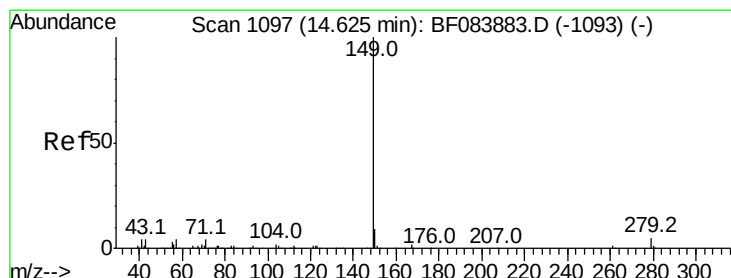
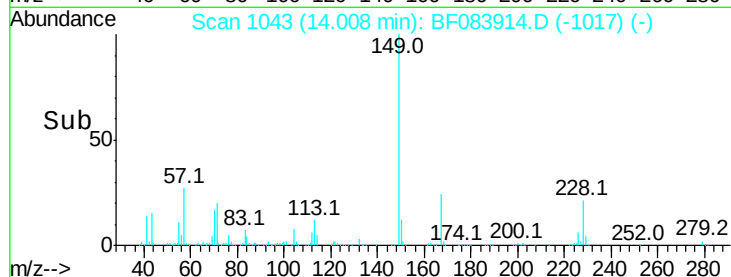
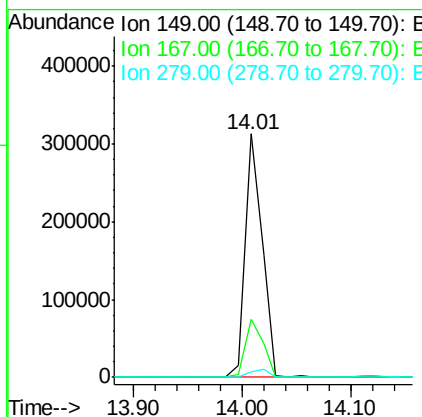
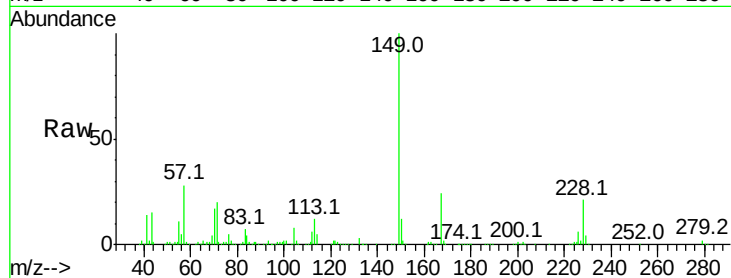
ClientSampleId :

PB87340BSD

Tot Ion:	149	Resp:	336450
Ion Ratio		Lower	Upper
149	100		
167	24.1	19.7	29.5
279	2.2	1.8	2.6

Manual Integrations
APPROVED

apatel
12/22/2015 11:50:50 AM



#84

Di-n-octyl phthalate

Concen: 49.49 ng

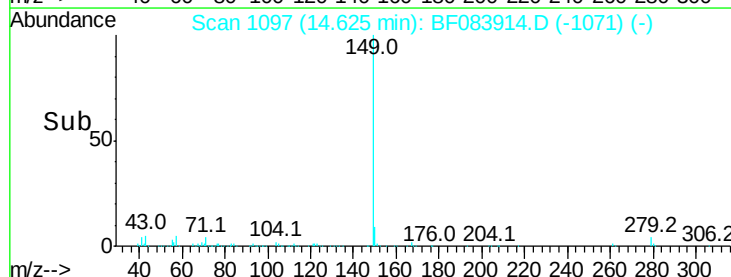
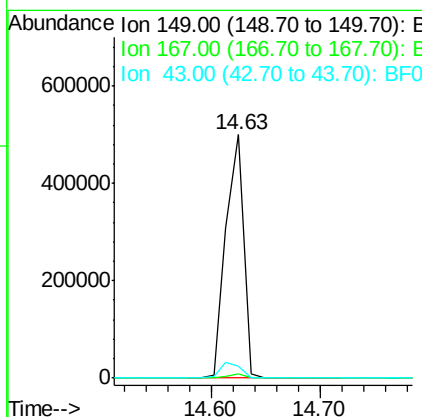
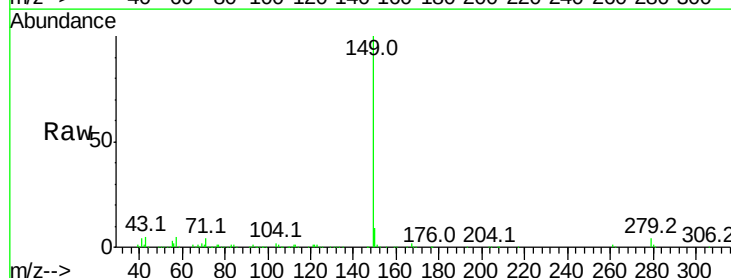
RT: 14.63 min Scan# 1097

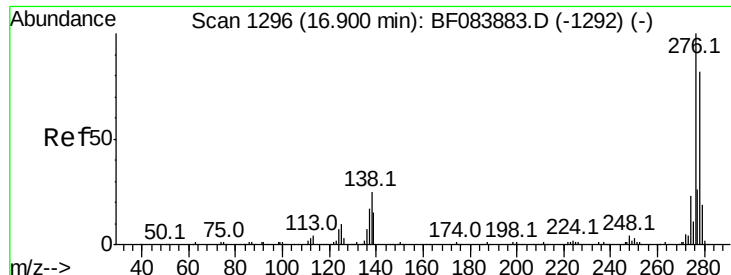
Delta R.T. -0.00 min

Lab File: BF083914.D

Acq: 18 Dec 2015 15:49

Tgt Ion:	149	Resp:	567911
Ion Ratio		Lower	Upper
149	100		
167	1.6	1.2	1.8
43	7.0	5.6	8.4





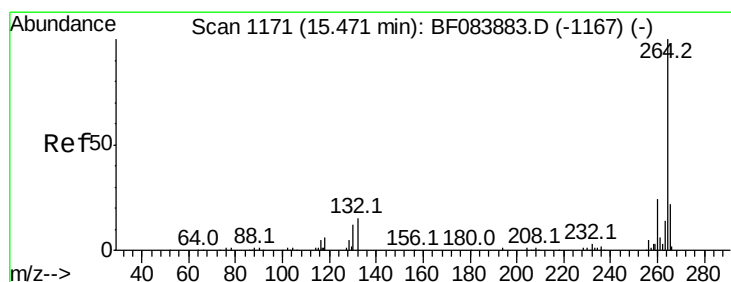
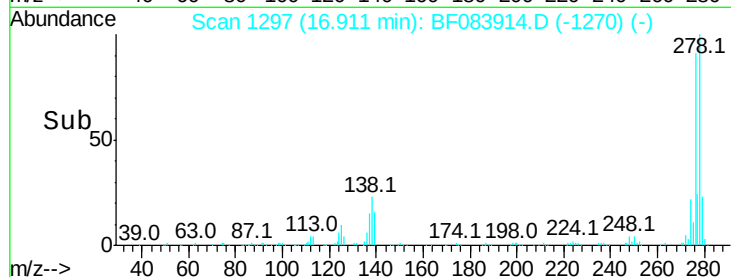
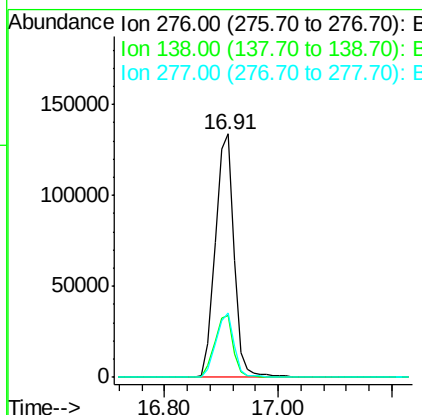
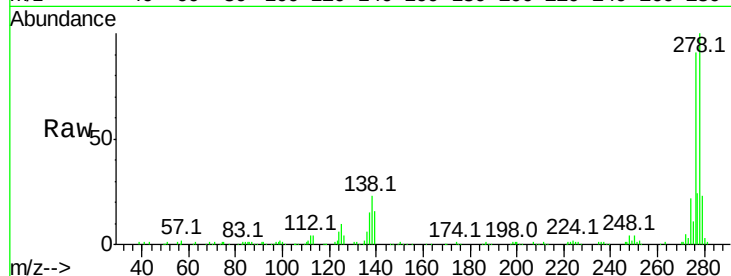
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 41.68 ng
 RT: 16.91 min Scan# 1297
 Delta R.T. 0.01 min
 Lab File: BF083914.D
 Acq: 18 Dec 2015 15:49

Instrument :
 BNA_F
 ClientSampleId :
 PB87340BSD

Tot Ion	Ratio	Resp	Lower	Upper
276	100	305403		
138	25.1		20.6	30.8
277	25.3		20.1	30.1

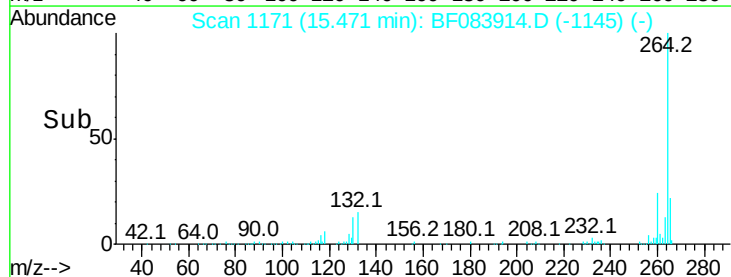
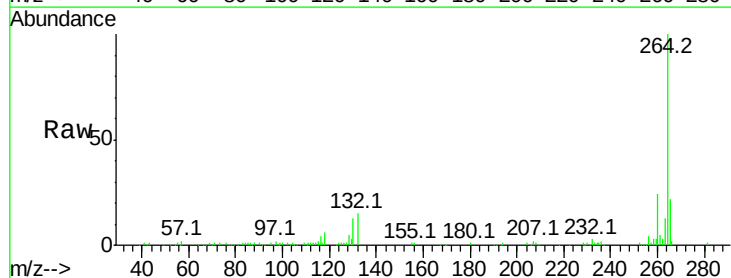
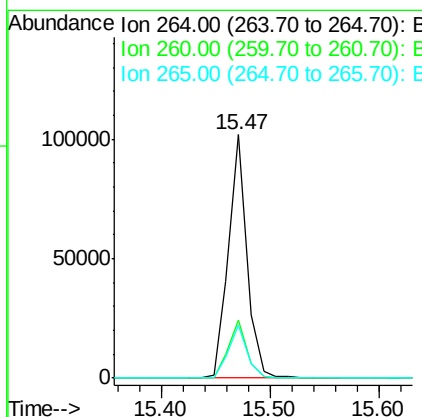
Manual Integrations
 APPROVED

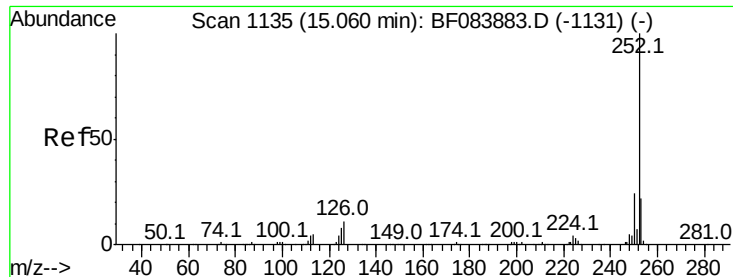
apatel
 12/22/2015 11:50:50 AM



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.47 min Scan# 1171
 Delta R.T. -0.00 min
 Lab File: BF083914.D
 Acq: 18 Dec 2015 15:49

Tgt Ion	Ratio	Resp	Lower	Upper
264	100	119956		
260	23.8		19.4	29.2
265	21.7		17.8	26.6





#87

Benzo(b)fluoranthene

Concen: 42.38 ng m

RT: 15.06 min Scan# 1135

Delta R.T. -0.00 min

Lab File: BF083914.D

Acq: 18 Dec 2015 15:49

Instrument :

BNA_F

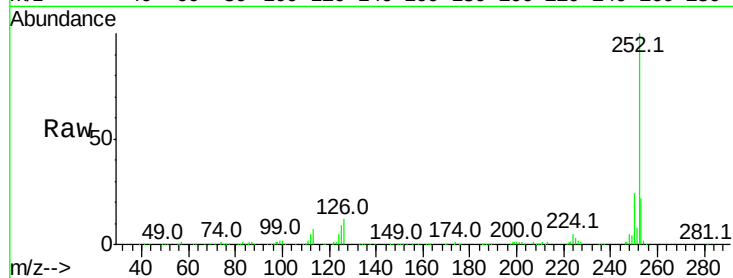
ClientSampleId :

PB87340BSD

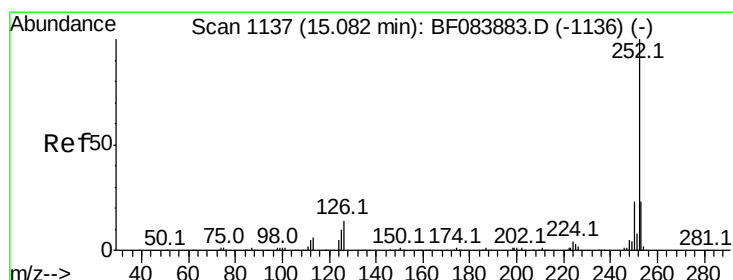
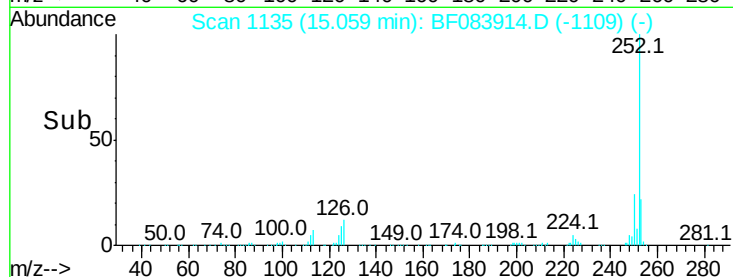
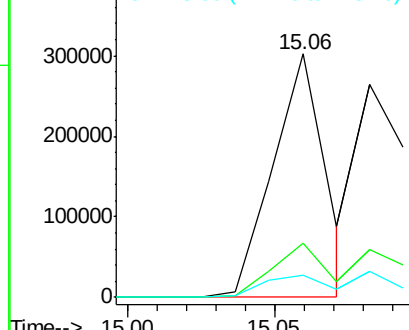
Tot Ion:	252	Resp:	370676
Ion Ratio	Lower	Upper	
252	100		
253	22.0	17.3	25.9
125	9.2	6.5	9.7

Manual Integrations
APPROVED

apatel
12/22/2015 11:50:50 AM



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



#88

Benzo(k)fluoranthene

Concen: 44.20 ng m

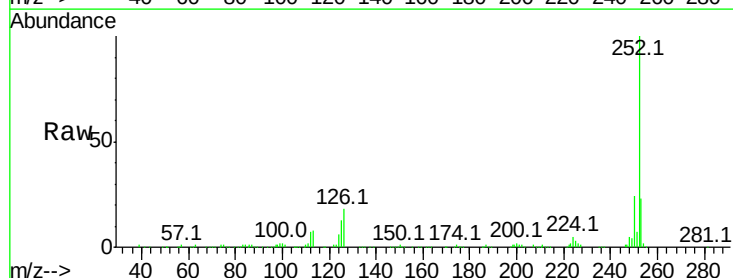
RT: 15.08 min Scan# 1137

Delta R.T. -0.00 min

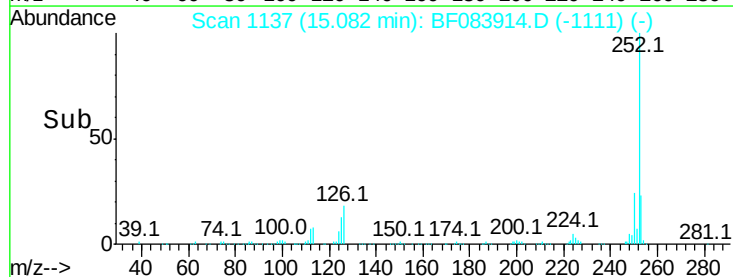
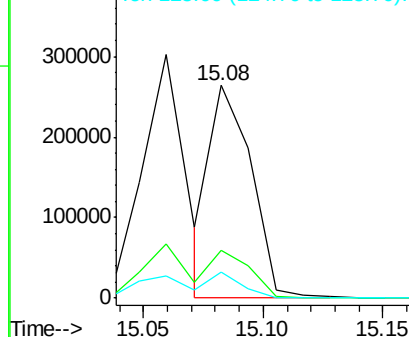
Lab File: BF083914.D

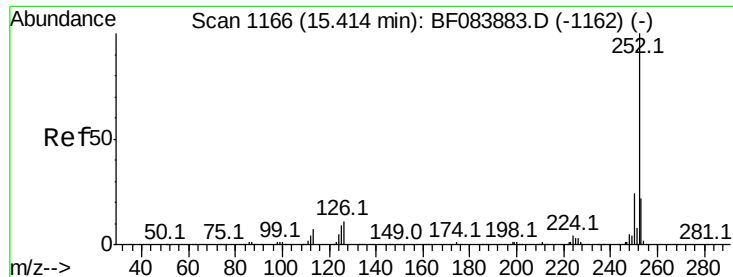
Acq: 18 Dec 2015 15:49

Tgt Ion:	252	Resp:	318860
Ion Ratio	Lower	Upper	
252	100		
253	22.8	18.1	27.1
125	12.5	9.0	13.6



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





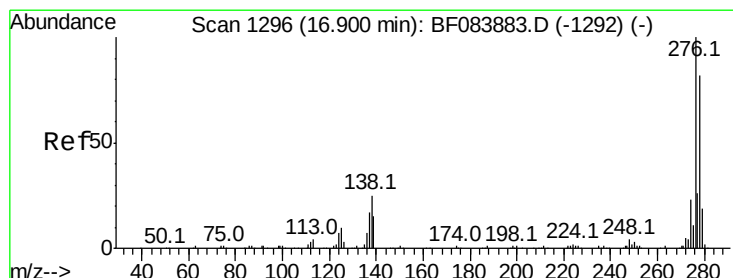
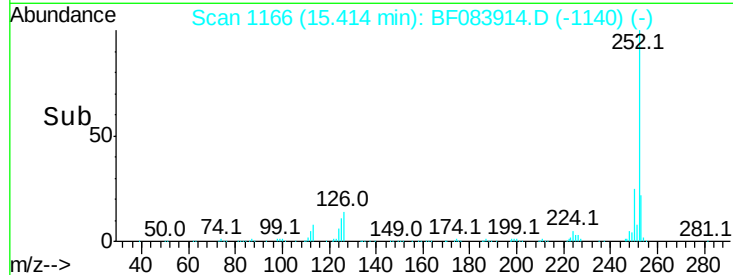
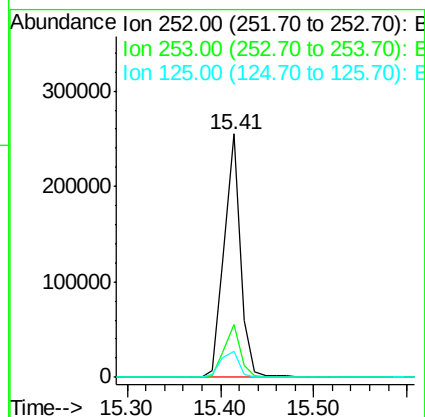
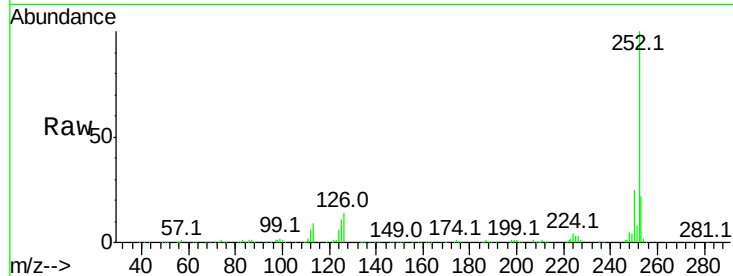
#89
Benzo(a)pyrene
Concen: 43.19 ng
RT: 15.41 min Scan# 1166
Delta R.T. -0.00 min
Lab File: BF083914.D
Acq: 18 Dec 2015 15:49

Instrument :
BNA_F
ClientSampleId :
PB87340BSD

Tot Ion	Ratio	Resp Lower	Upper
252	100		
253	21.8	17.3	25.9
125	10.8	7.0	10.4

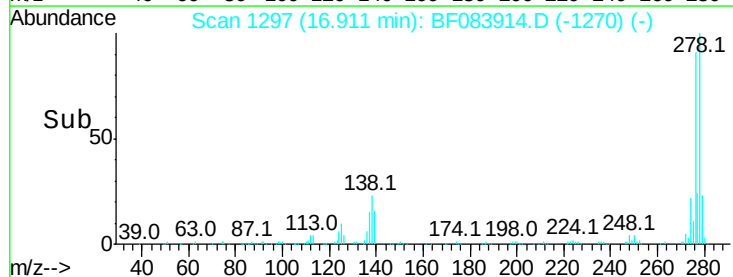
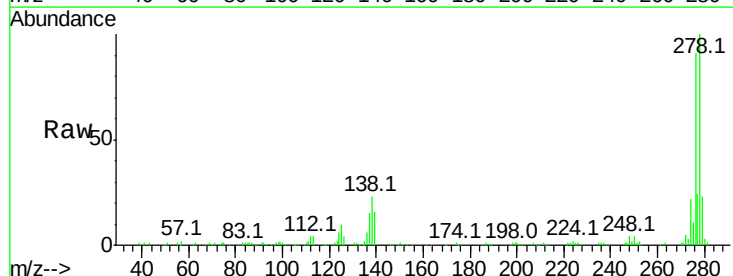
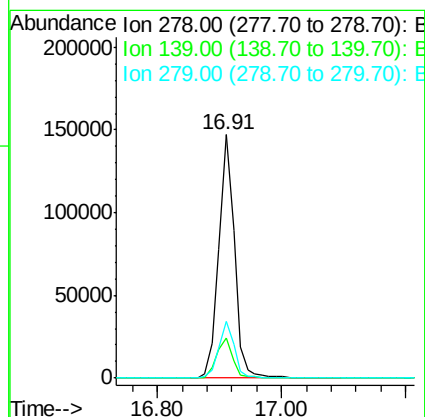
Manual Integrations
APPROVED

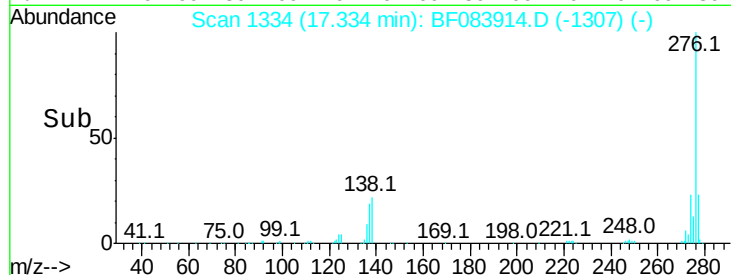
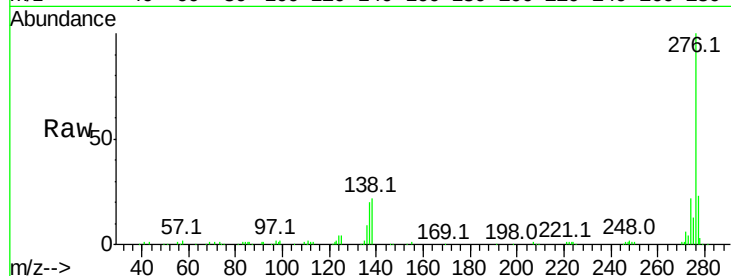
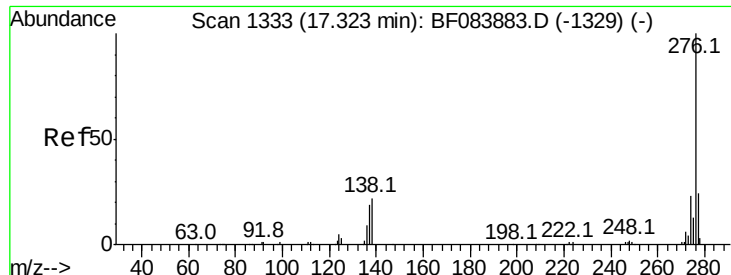
apatel
12/22/2015 11:50:50 AM



#90
Dibenzo(a,h)anthracene
Concen: 45.40 ng
RT: 16.91 min Scan# 1297
Delta R.T. 0.01 min
Lab File: BF083914.D
Acq: 18 Dec 2015 15:49

Tgt Ion	Ratio	Resp Lower	Upper
278	100		
139	16.4	15.0	22.4
279	23.3	18.9	28.3





#91
Benzo(a,h,i)perylene
Concen: 45.72 ng
RT: 17.33 min Scan# 1334
Delta R.T. 0.01 min
Lab File: BF083914.D
Acq: 18 Dec 2015 15:49

Instrument :
BNA_F
ClientSampleId :
PB87340BSD

Tot Ion	Ratio	Resp Lower	Upper
276	100		
277	23.3	18.8	28.2
138	22.1	17.8	26.6

Manual Integrations
APPROVED

apatel
12/22/2015 11:50:50 AM

