

Data Path : Z:\HPCHEM1\BNA F\DATA\BF120415\
 Data File : BF083501.D
 Acq On : 5 Dec 2015 00:54
 Operator : UM/IZ
 Sample : SSTDICCC040
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICCC040

Manual Integrations
 APPROVED

Mmdadoda
 12/7/2015 6:30:43 PM

Quant Time: Dec 05 03:51:55 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF120415.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Dec 05 03:24:39 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.77	152	139715	20.00	ng	0.00
21) Naphthalene-d8	7.68	136	544225	20.00	ng	0.00
38) Acenaphthene-d10	10.46	164	264742	20.00	ng	0.00
63) Phenanthrene-d10	12.85	188	481840	20.00	ng	0.00
75) Chrysene-d12	17.05	240	373109	20.00	ng	0.00
86) Perylene-d12	18.67	264	292811	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	4.03	112	758563	81.42	ng	0.00
7) Phenol-d6	5.32	99	1020438	80.06	ng	0.00
23) Nitrobenzene-d5	6.60	82	948461	76.78	ng	0.00
41) 2,4,6-Tribromophenol	11.76	330	197652	74.79	ng	0.00
44) 2-Fluorobiphenyl	9.42	172	1531805	81.34	ng	0.00
78) Terphenyl-d14	15.48	244	1367661	85.37	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	1.87	88	187106	37.25	ng	100
3) Pyridine	2.32	79	484629	38.05	ng	100
4) n-Nitrosodimethylamine	2.27	42	249996	40.74	ng	100
6) Aniline	5.32	93	679086	38.93	ng	100
8) 2-Chlorophenol	5.48	128	414475	40.45	ng	100
9) Benzaldehyde	5.16	77	293234	44.47	ng	100
10) Phenol	5.33	94	579063	37.97	ng	100
11) bis(2-Chloroethyl)ether	5.42	93	444387	39.70	ng	100
12) 1,3-Dichlorobenzene	5.69	146	456809	39.97	ng	100
13) 1,4-Dichlorobenzene	5.79	146	459926	39.14	ng	100
14) 1,2-Dichlorobenzene	6.01	146	425342	39.05	ng	100
15) Benzyl Alcohol	6.01	79	368977	37.96	ng	100
16) 2,2'-oxybis(1-Chloropropan	6.20	45	806057	40.98	ng	100
17) 2-Methylphenol	6.20	107	337038	39.36	ng	100
18) Hexachloroethane	6.50	117	161171	39.23	ng	100
19) n-Nitroso-di-n-propylamine	6.41	70	340378	37.88	ng	100
20) 3+4-Methylphenols	6.43	107	449212	38.83	ng	100
22) Acetophenone	6.38	105	632015	39.02	ng	100
24) Nitrobenzene	6.62	77	503240	38.10	ng	100
25) Isophorone	7.00	82	901667	37.86	ng	100
26) 2-Nitrophenol	7.10	139	211244	39.05	ng	100
27) 2,4-Dimethylphenol	7.23	122	365287	40.53	ng	100
28) bis(2-Chloroethoxy)methane	7.36	93	511102	37.51	ng	100
29) 2,4-Dichlorophenol	7.50	162	334102	38.41	ng	100
30) 1,2,4-Trichlorobenzene	7.60	180	361231	38.25	ng	100
31) Naphthalene	7.71	128	1160328	39.09	ng	100
32) Benzoic acid	7.49	122	220135	36.10	ng	100
33) 4-Chloroaniline	7.82	127	464089	37.10	ng	100
34) Hexachlorobutadiene	7.92	225	211343	39.13	ng	100
35) Caprolactam	8.43	113	102948	37.87	ng	100
36) 4-Chloro-3-methylphenol	8.66	107	373151	38.40	ng	100
37) 2-Methylnaphthalene	8.81	142	712770	36.45	ng	100
39) 1,2,4,5-Tetrachlorobenzene	9.08	216	349105	41.07	ng	# 100
40) Hexachlorocyclopentadiene	9.06	237	107025	28.39	ng	100

Data Path : Z:\HPCHEM1\BNA F\DATA\BF120415\
 Data File : BF083501.D
 Acq On : 5 Dec 2015 00:54
 Operator : UM/IZ
 Sample : SSTDICCC040
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICCC040

Manual Integrations
 APPROVED

Mmdadoda
 12/7/2015 6:30:43 PM

Quant Time: Dec 05 03:51:55 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF120415.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Dec 05 03:24:39 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.29	196	223334	38.18	nq	100
43) 2,4,5-Trichlorophenol	9.37	196	226984	37.74	nq	100
45) 1,1'-Biphenyl	9.57	154	941435	40.30	nq	100
46) 2-Chloronaphthalene	9.58	162	707399	39.71	nq	100
47) 2-Nitroaniline	9.78	65	257622	37.41	nq	100
48) Acenaphthylene	10.24	152	1156062	40.51	nq	100
49) Dimethylphthalate	10.11	163	819166	37.71	nq	100
50) 2,6-Dinitrotoluene	10.19	165	178259	38.91	nq	100
51) Acenaphthene	10.52	154	653131	39.09	nq	100
52) 3-Nitroaniline	10.45	138	189530	36.13	nq	100
53) 2,4-Dinitrophenol	10.65	184	72929	31.21	nq	100
54) Dibenzofuran	10.81	168	909755	37.29	nq	100
55) 4-Nitrophenol	10.83	139	105441m	32.50	nq	
56) 2,4-Dinitrotoluene	10.84	165	231486	39.54	nq	100
57) Fluorene	11.36	166	797528	40.90	nq	100
58) 2,3,4,6-Tetrachlorophenol	11.04	232	167879	34.78	nq	# 100
59) Diethylphthalate	11.25	149	800187	38.89	nq	100
60) 4-Chlorophenyl-phenylether	11.38	204	380097	42.45	nq	100
61) 4-Nitroaniline	11.46	138	177364	34.06	nq	100
62) Azobenzene	11.64	77	830810	34.33	nq	100
64) 4,6-Dinitro-2-methylphenol	11.50	198	127594	40.08	nq	100
65) n-Nitrosodiphenylamine	11.58	169	643668	38.31	nq	100
66) 4-Bromophenyl-phenylether	12.17	248	212745	40.25	nq	100
67) Hexachlorobenzene	12.24	284	224050	38.58	nq	100
68) Atrazine	12.50	200	196562	41.10	nq	100
69) Pentachlorophenol	12.59	266	92971	31.60	nq	100
70) Phenanthrene	12.90	178	1128460	39.51	nq	100
71) Anthracene	12.98	178	1158103	40.14	nq	100
72) Carbazole	13.28	167	996039	38.63	nq	100
73) Di-n-butylphthalate	13.91	149	1216358	39.56	nq	100
74) Fluoranthene	14.82	202	1130954	38.29	nq	100
76) Benzidine	15.08	184	561840	48.64	nq	100
77) Pyrene	15.17	202	1145492	43.12	nq	100
79) Butylbenzylphthalate	16.32	149	469828	41.76	nq	100
80) Benzo(a)anthracene	17.04	228	883479	38.64	nq	100
81) 3,3'-Dichlorobenzidine	17.03	252	295991	41.22	nq	100
82) Chrysene	17.08	228	873993	39.26	nq	100
83) Bis(2-ethylhexyl)phthalate	17.16	149	606299	40.36	nq	100
84) Di-n-octyl phthalate	17.92	149	846031	38.53	nq	# 100
85) Indeno(1,2,3-cd)pyrene	19.92	276	747236	45.04	nq	# 100
87) Benzo(b)fluoranthene	18.29	252	660053m	35.51	nq	
88) Benzo(k)fluoranthene	18.32	252	685716m	38.61	nq	
89) Benzo(a)pyrene	18.61	252	651528	40.18	nq	100
90) Dibenzo(a,h)anthracene	19.93	278	641217	44.37	nq	100
91) Benzo(g,h,i)perylene	20.27	276	636484	44.55	nq	100

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

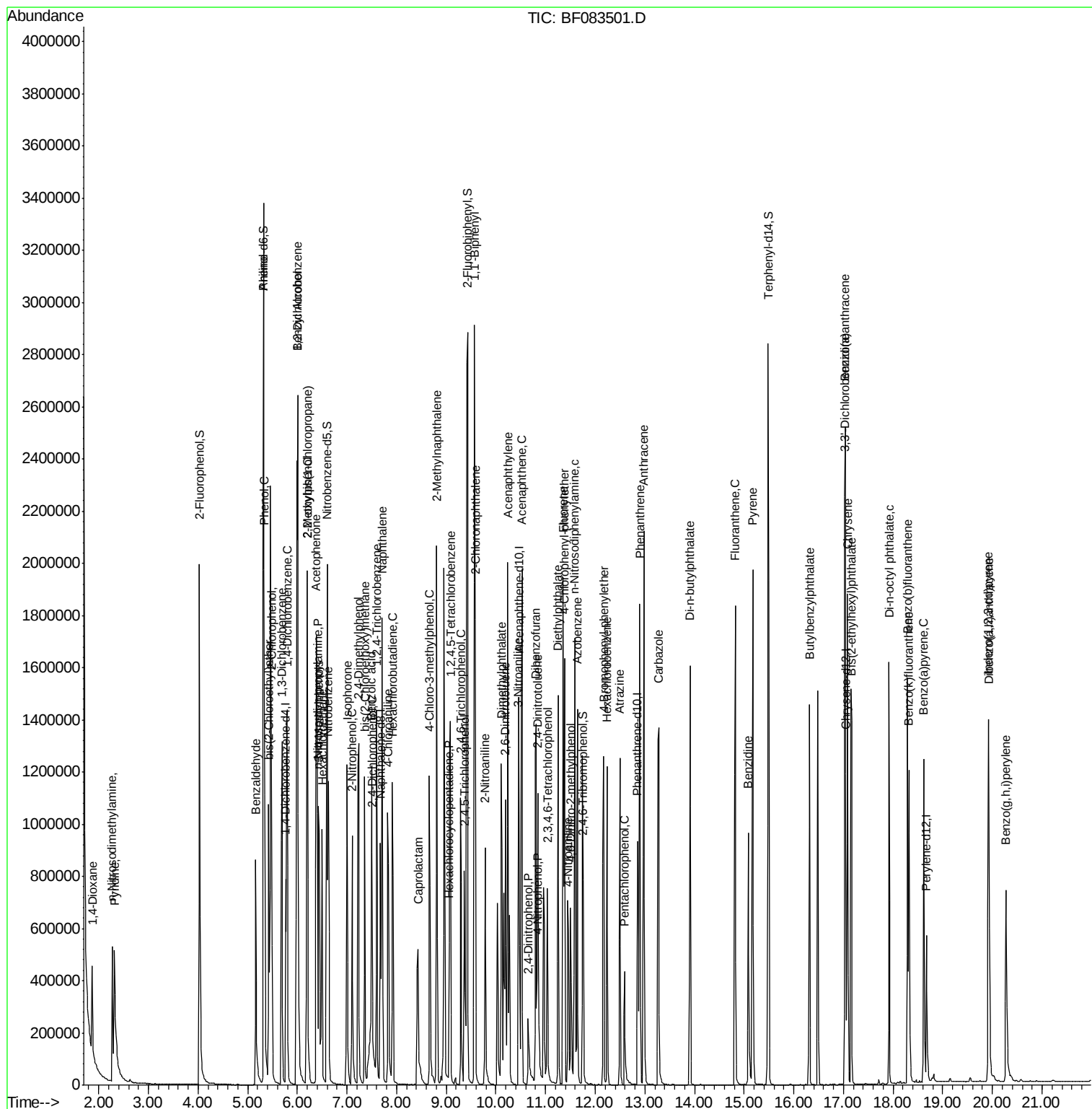
Data Path : Z:\HPCHEM1\BNA F\DATA\BF120415\
 Data File : BF083501.D
 Acq On : 5 Dec 2015 00:54
 Operator : UM/IZ
 Sample : SSTDICCC040
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

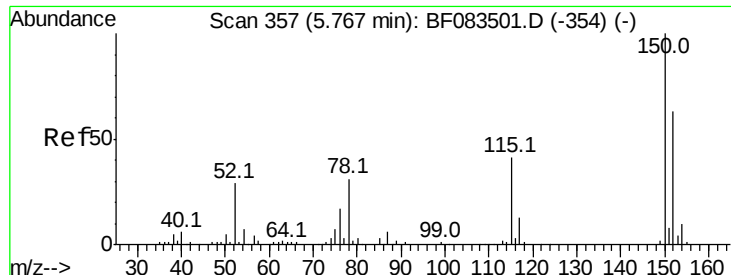
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICCC040

Manual Integrations
 APPROVED

Mmdadoda
 12/7/2015 6:30:43 PM

Quant Time: Dec 05 03:51:55 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF120415.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Dec 05 03:24:39 2015
 Response via : Initial Calibration





#1

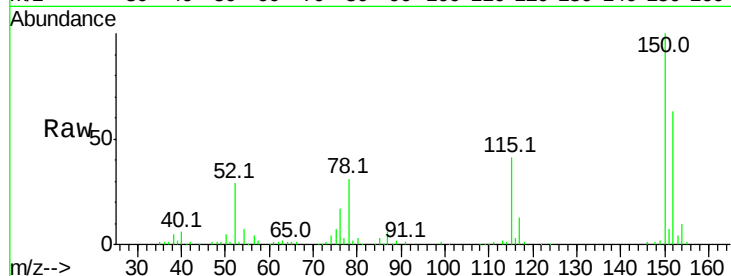
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 5.77 min Scan# 357
Delta R.T. 0.00 min
Lab File: BF083501.D
Acq: 5 Dec 2015 00:54

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.1	126.5	189.7
115	65.4	52.3	78.5

Manual Integrations
APPROVED

Mmdadoda
12/7/2015 6:30:43 PM

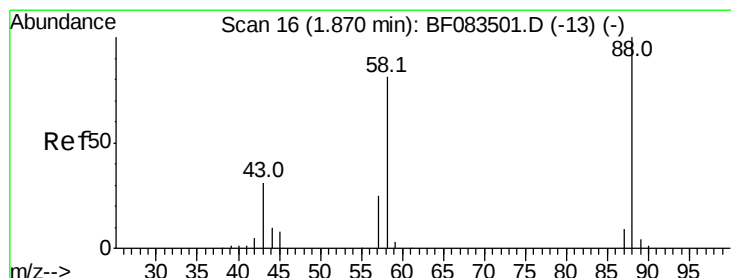
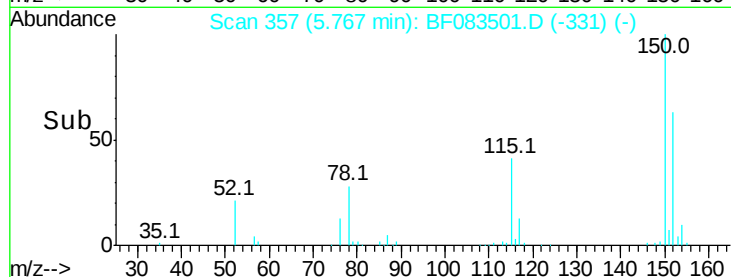
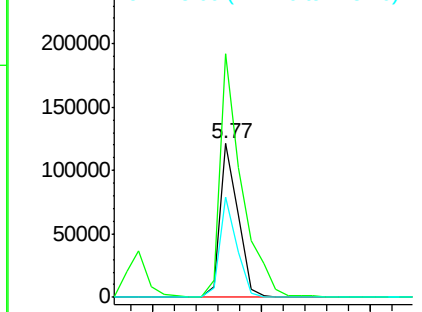


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

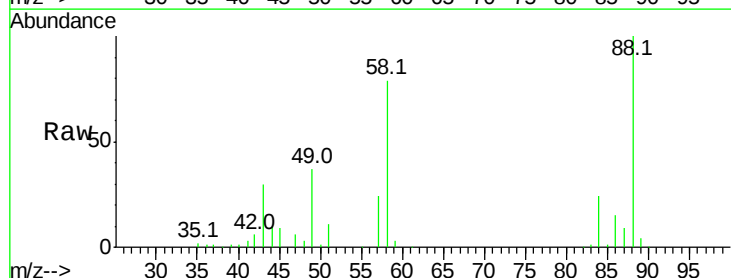
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 37.25 ng
RT: 1.87 min Scan# 16
Delta R.T. 0.00 min
Lab File: BF083501.D
Acq: 5 Dec 2015 00:54

Tgt Ion	Ratio	Lower	Upper
88	100		
58	85.0	68.0	102.0
43	34.9	27.9	41.9

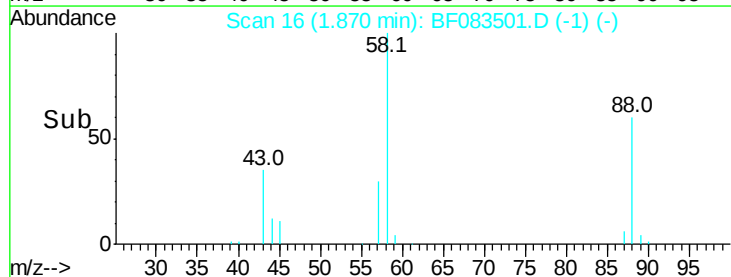
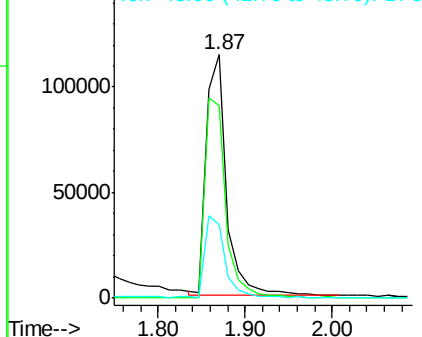


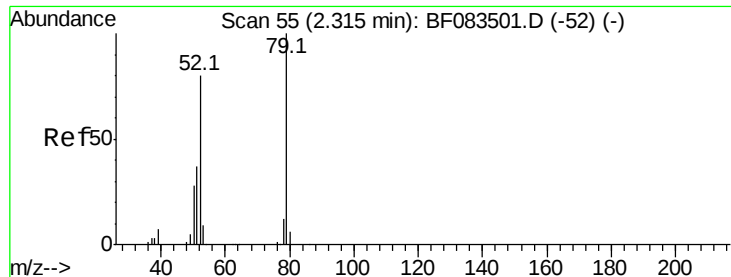
Abundance

Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pvridine

Concen: 38.05 ng

RT: 2.32 min Scan# 55

Delta R.T. 0.00 min

Lab File: BF083501.D

Acq: 5 Dec 2015 00:54

Instrument :

BNA_F

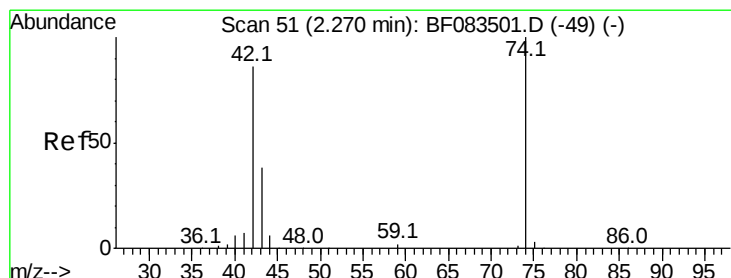
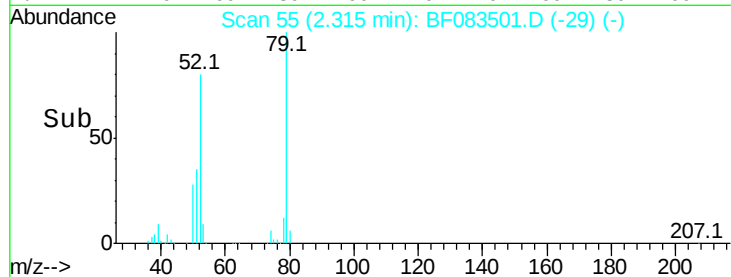
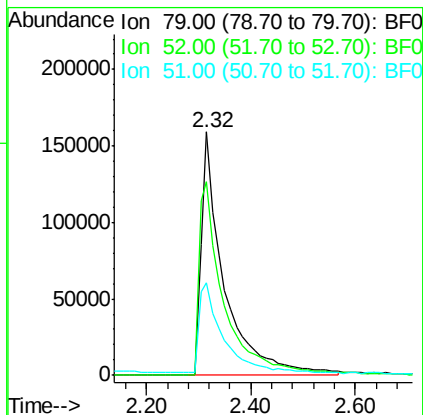
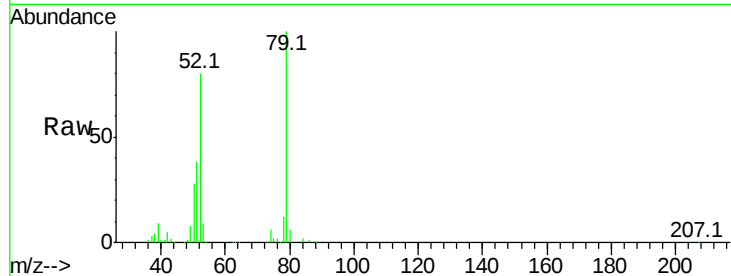
ClientSampleId :

SSTDICCC040

Manual Integrations
APPROVED

Mmdadoda
12/7/2015 6:30:43 PM

Tot Ion:	79	Resp:	484629
Ion Ratio	Lower	Upper	
79	100		
52	79.6	63.7	95.5
51	38.2	30.6	45.8



#4

n-Nitrosodimethylamine

Concen: 40.74 ng

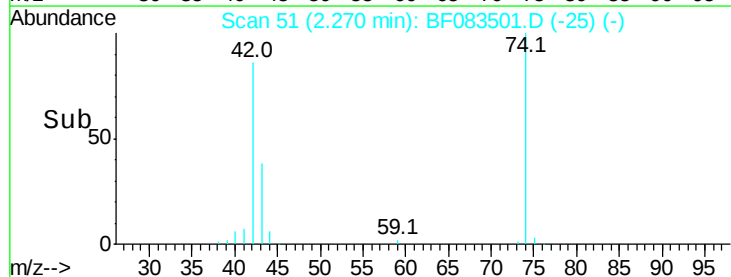
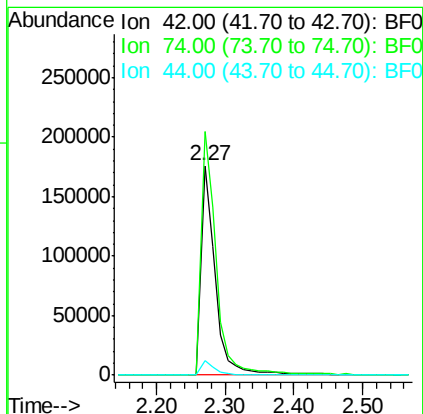
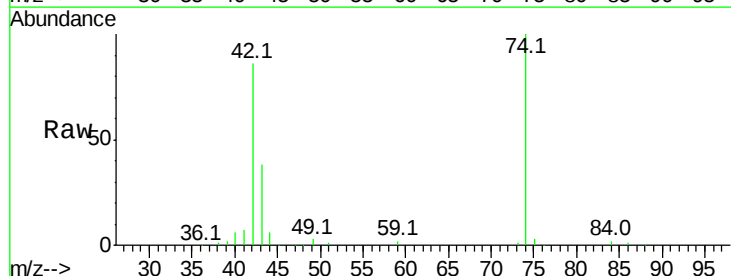
RT: 2.27 min Scan# 51

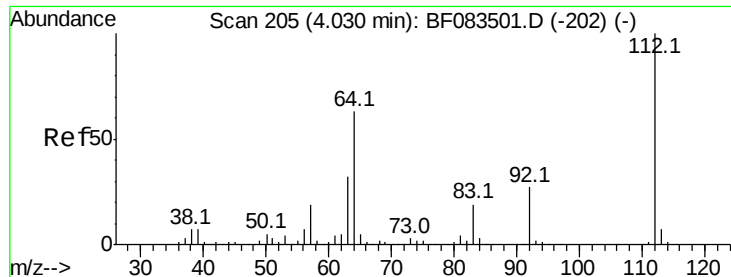
Delta R.T. 0.00 min

Lab File: BF083501.D

Acq: 5 Dec 2015 00:54

Tgt Ion:	42	Resp:	249996
Ion Ratio	Lower	Upper	
42	100		
74	116.1	92.9	139.3
44	7.1	5.7	8.5





#5

2-Fluorophenol

Concen: 81.42 ng

RT: 4.03 min Scan# 205

Delta R.T. 0.00 min

Lab File: BF083501.D

Acq: 5 Dec 2015 00:54

Instrument :

BNA_F

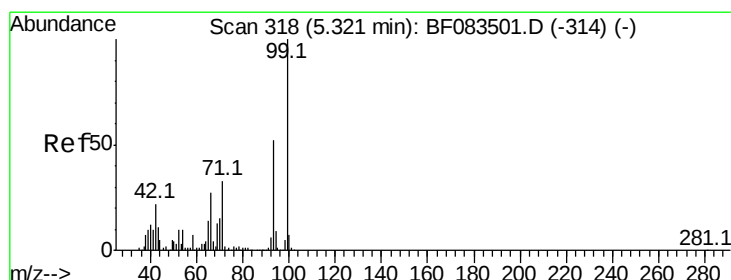
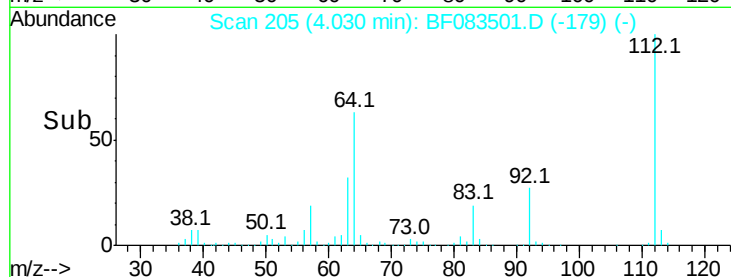
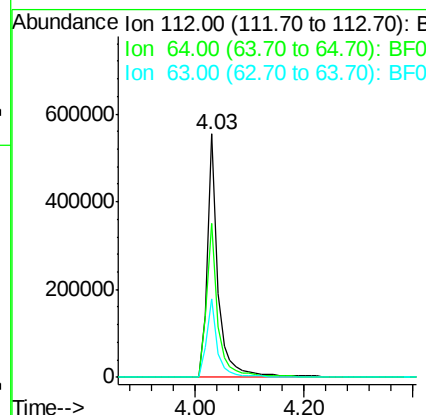
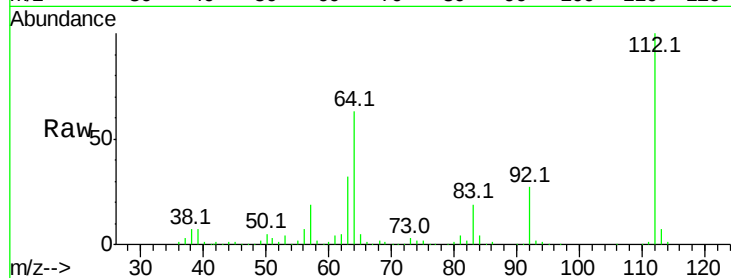
ClientSampleId :

SSTDICCC040

Tot Ion:	112	Resp:	758563
Ion Ratio	Lower	Upper	
112	100		
64	63.1	50.5	75.7
63	32.2	25.8	38.6

Manual Integrations
APPROVED

Mmdadoda
12/7/2015 6:30:43 PM



#6

Aniline

Concen: 38.93 ng

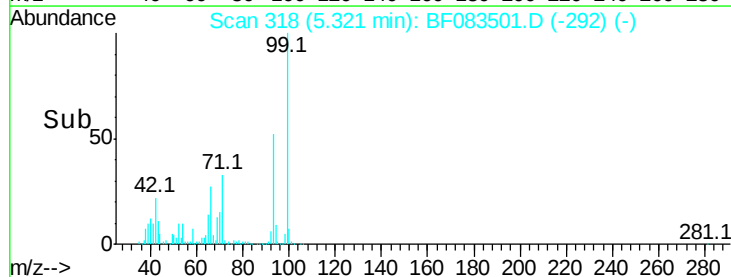
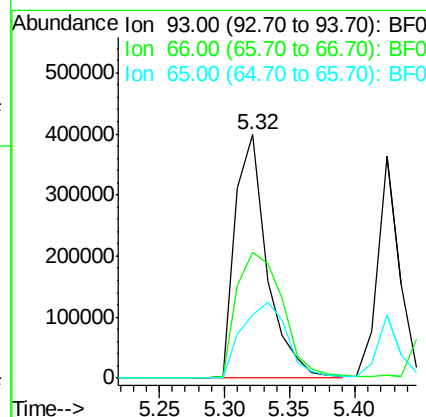
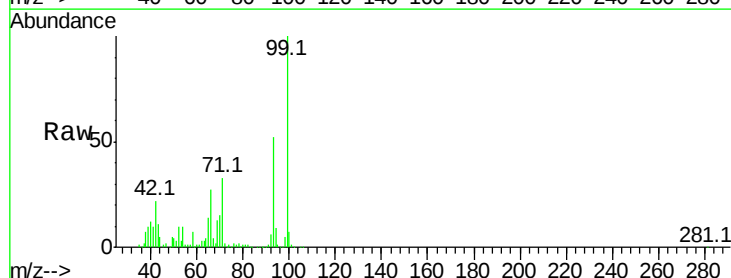
RT: 5.32 min Scan# 318

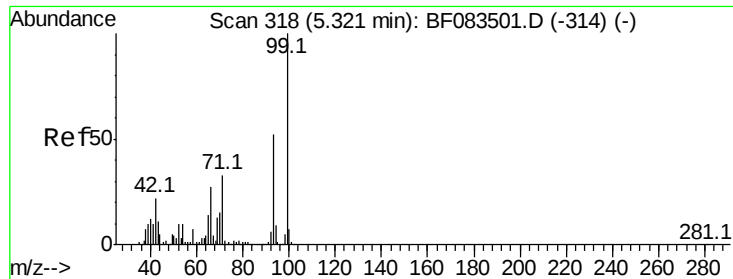
Delta R.T. 0.00 min

Lab File: BF083501.D

Acq: 5 Dec 2015 00:54

Tgt Ion:	93	Resp:	679086
Ion Ratio	Lower	Upper	
93	100		
66	51.6	41.3	61.9
65	26.0	20.8	31.2





#7

Phenol-d6

Concen: 80.06 ng

RT: 5.32 min Scan# 318

Delta R.T. 0.00 min

Lab File: BF083501.D

Acq: 5 Dec 2015 00:54

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

Tot Ion: 99 Resp: 1020438

Ion Ratio Lower Upper

99 100

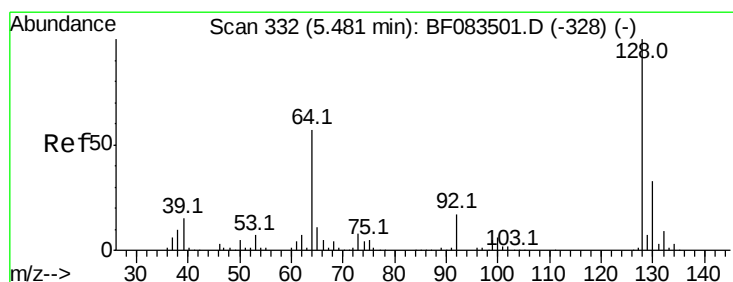
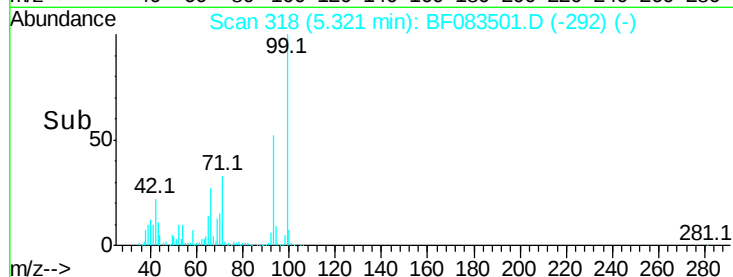
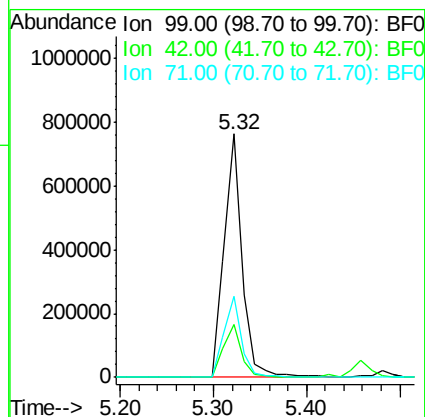
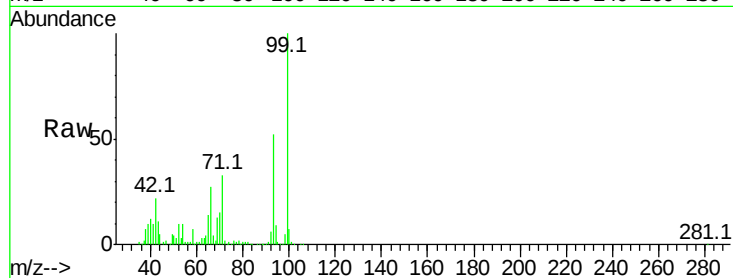
42 21.6 17.3 25.9

71 33.3 26.6 40.0

Manual Integrations
APPROVED

Mmdadoda

12/7/2015 6:30:43 PM



#8

2-Chlorophenol

Concen: 40.45 ng

RT: 5.48 min Scan# 332

Delta R.T. 0.00 min

Lab File: BF083501.D

Acq: 5 Dec 2015 00:54

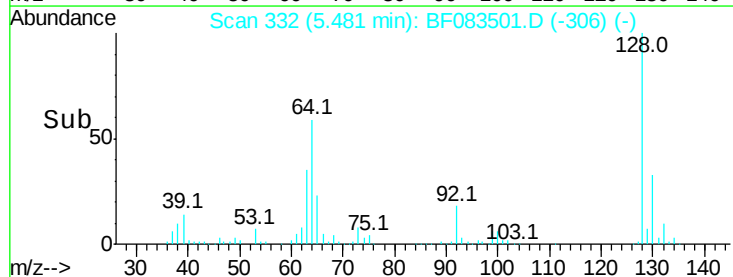
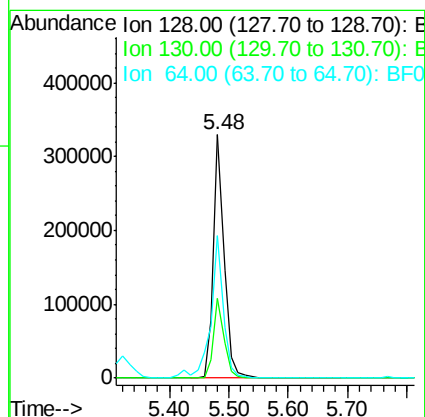
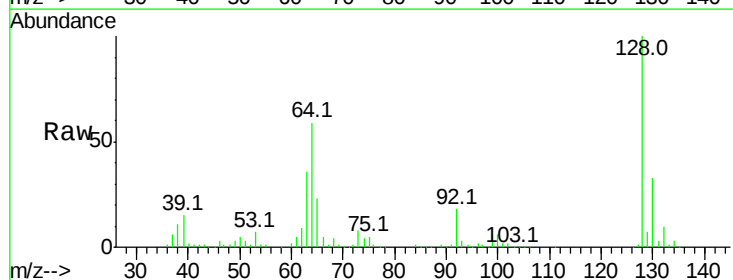
Tgt Ion:128 Resp: 414475

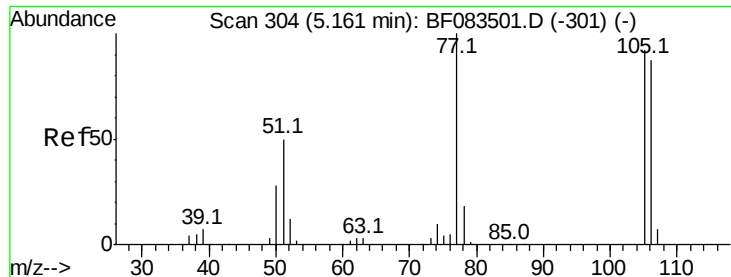
Ion Ratio Lower Upper

128 100

130 32.6 12.6 52.6

64 58.6 38.6 78.6





#9

Benzaldehyde

Concen: 44.47 ng

RT: 5.16 min Scan# 304

Delta R.T. 0.00 min

Lab File: BF083501.D

Acq: 5 Dec 2015 00:54

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

Tot Ion: 77 Resp: 293234

Ion Ratio Lower Upper

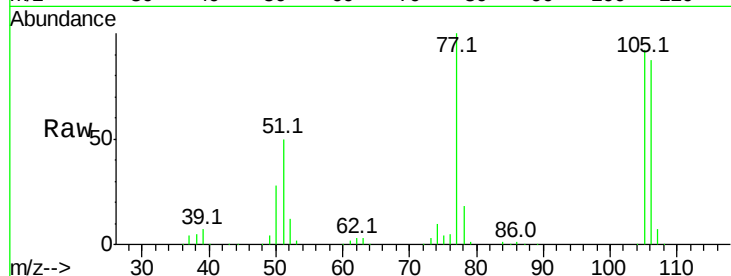
77 100

105 91.8 71.8 111.8

106 86.8 66.8 106.8

Manual Integrations
APPROVED

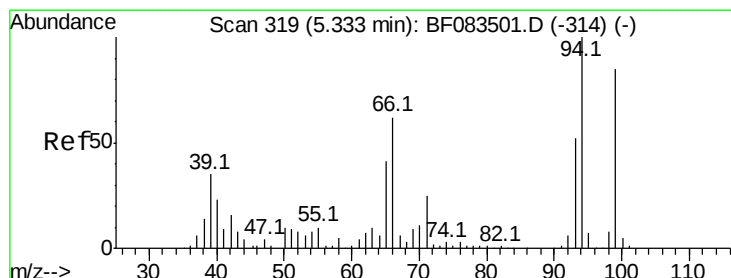
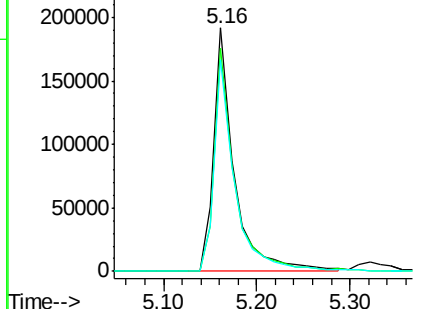
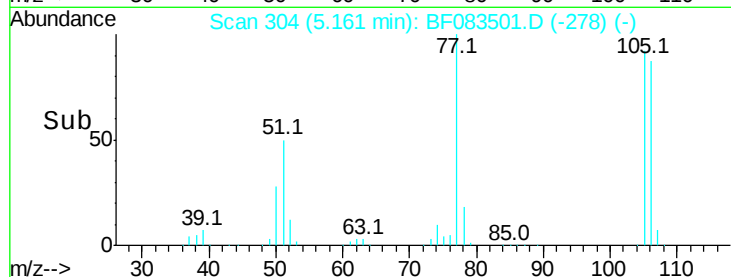
Mmdadoda
12/7/2015 6:30:43 PM



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 37.97 ng

RT: 5.33 min Scan# 319

Delta R.T. 0.00 min

Lab File: BF083501.D

Acq: 5 Dec 2015 00:54

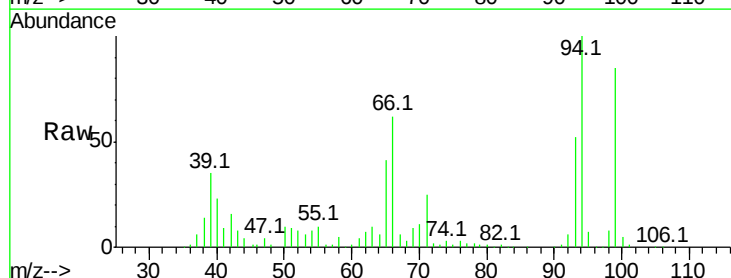
Tgt Ion: 94 Resp: 579063

Ion Ratio Lower Upper

94 100

65 40.9 20.9 60.9

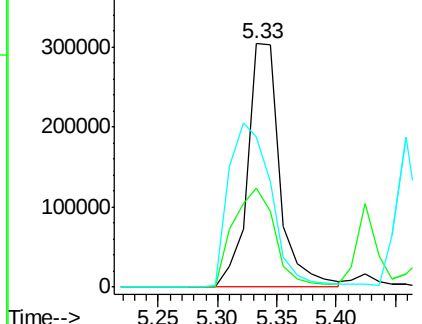
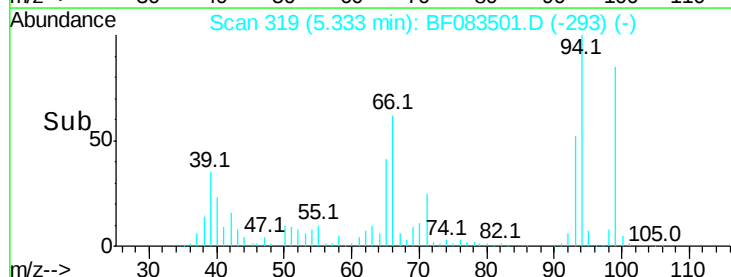
66 61.6 41.6 81.6

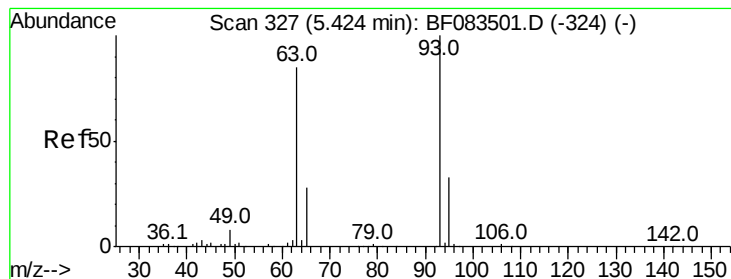


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





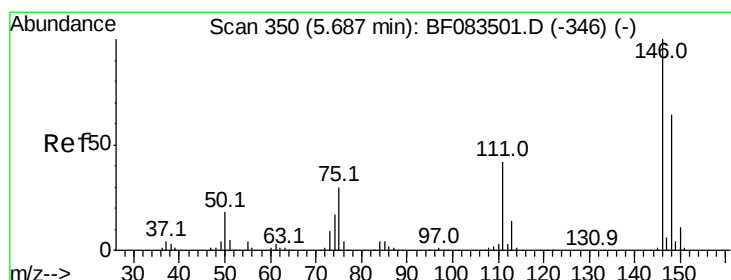
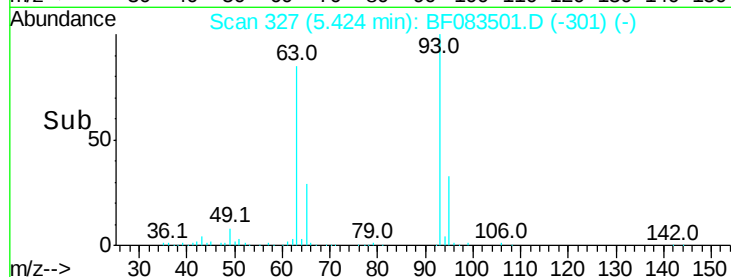
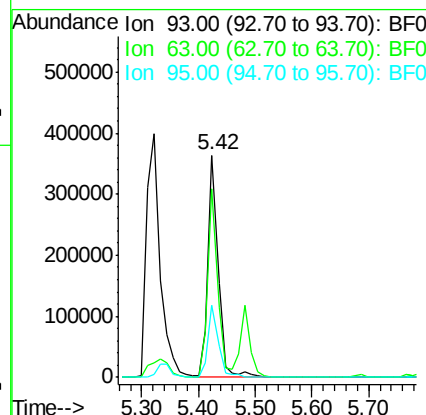
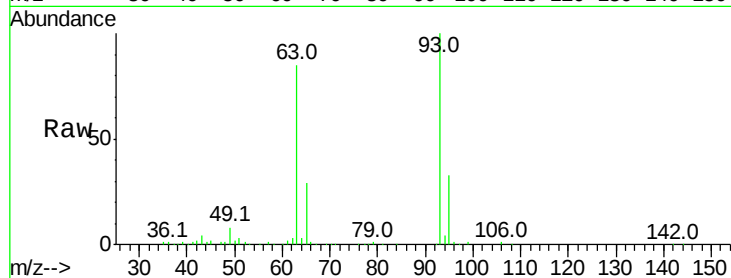
#11
bis(2-Chloroethyl)ether
Concen: 39.70 ng
RT: 5.42 min Scan# 327
Delta R.T. 0.00 min
Lab File: BF083501.D
Acq: 5 Dec 2015 00:54

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tot Ion	Ratio	Lower	Upper
93	100		
63	84.7	64.7	104.7
95	32.7	12.7	52.7

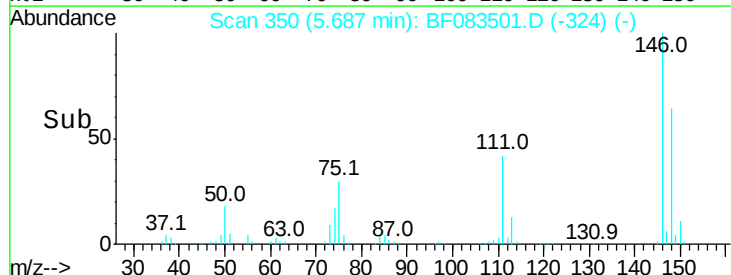
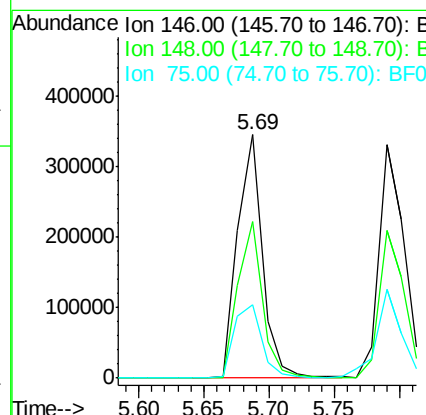
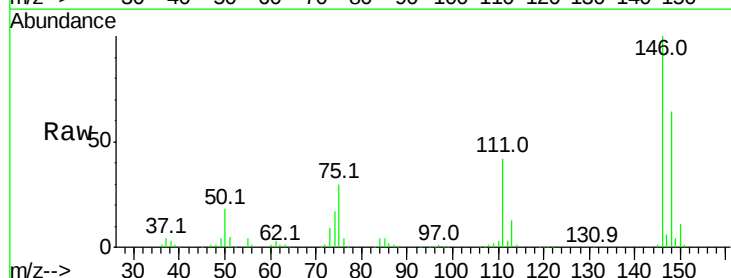
Manual Integrations
APPROVED

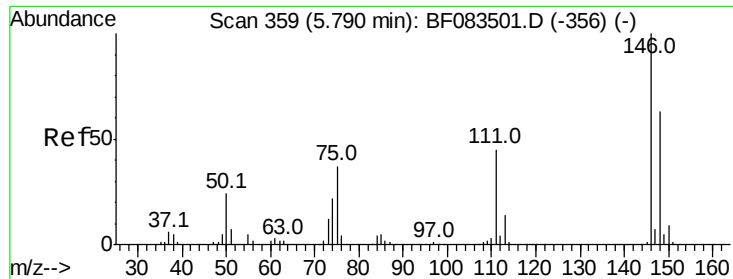
Mmdadoda
12/7/2015 6:30:43 PM



#12
1,3-Dichlorobenzene
Concen: 39.97 ng
RT: 5.69 min Scan# 350
Delta R.T. 0.00 min
Lab File: BF083501.D
Acq: 5 Dec 2015 00:54

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.1	51.3	76.9
75	30.1	24.1	36.1





#13

1,4-Dichlorobenzene

Concen: 39.14 ng

RT: 5.79 min Scan# 359

Delta R.T. 0.00 min

Lab File: BF083501.D

Acq: 5 Dec 2015 00:54

Instrument :

BNA_F

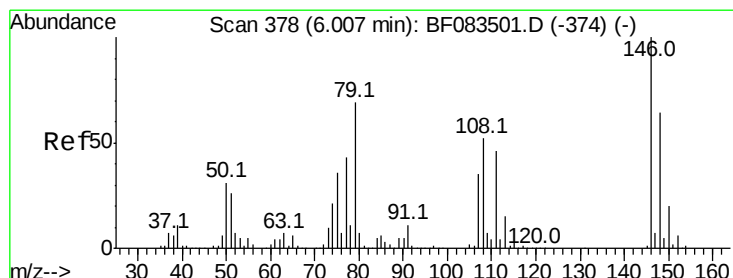
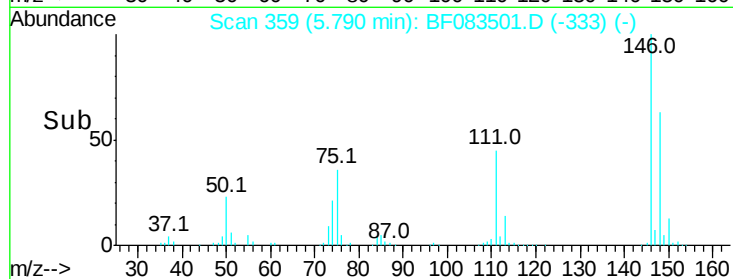
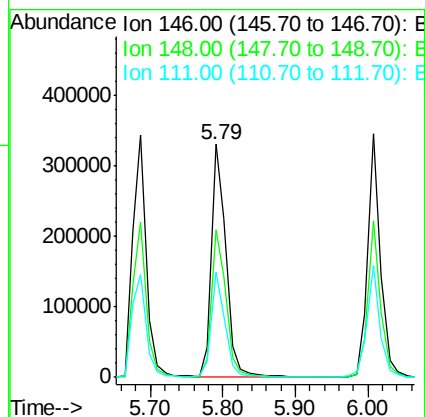
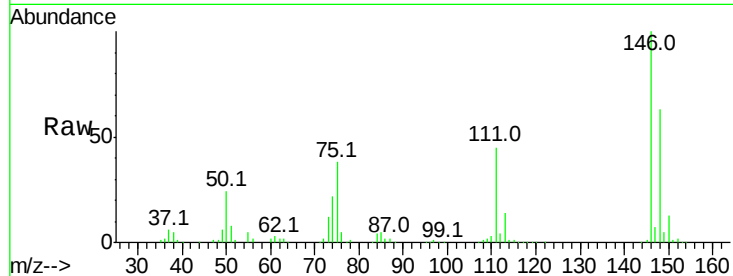
ClientSampleId :

SSTDICCC040

Tot Ion:	146	Resp:	459926
Ion Ratio	Lower	Upper	
146	100		
148	63.3	50.6	76.0
111	45.1	36.1	54.1

Manual Integrations
APPROVED

Mmdadoda
12/7/2015 6:30:43 PM



#14

1,2-Dichlorobenzene

Concen: 39.05 ng

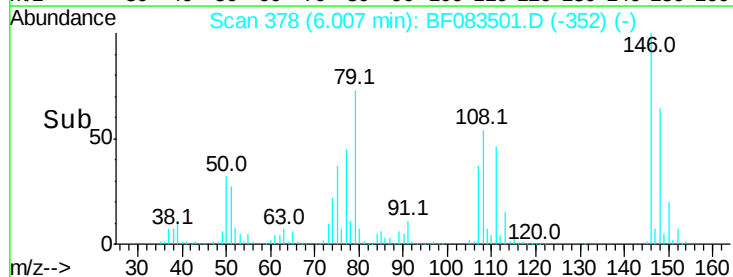
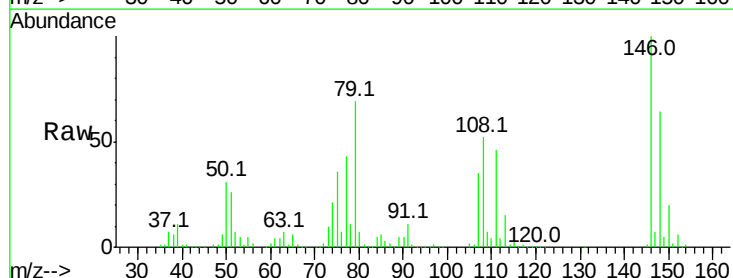
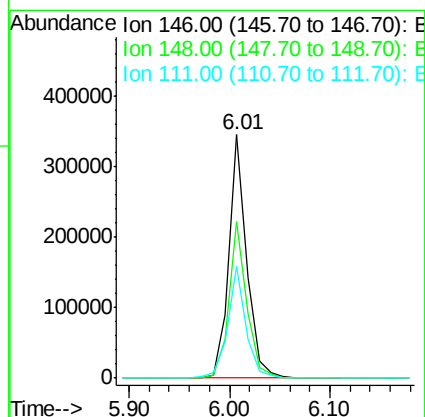
RT: 6.01 min Scan# 378

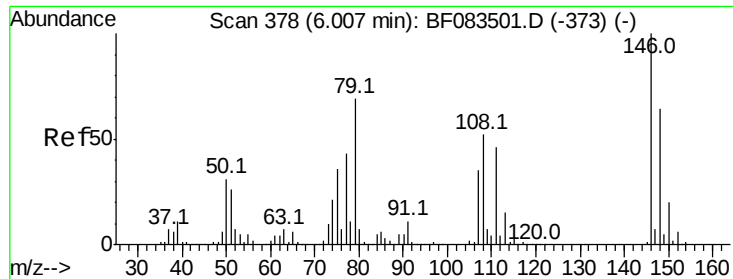
Delta R.T. 0.00 min

Lab File: BF083501.D

Acq: 5 Dec 2015 00:54

Tgt Ion:	146	Resp:	425342
Ion Ratio	Lower	Upper	
146	100		
148	64.2	51.4	77.0
111	45.9	36.7	55.1





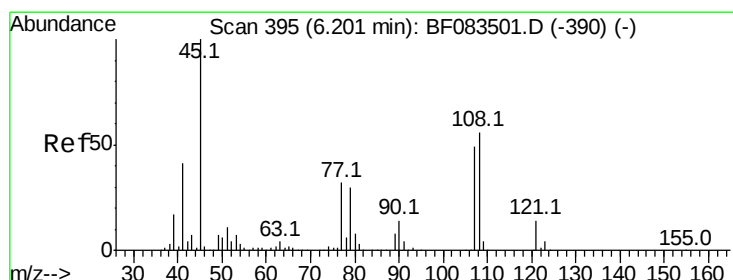
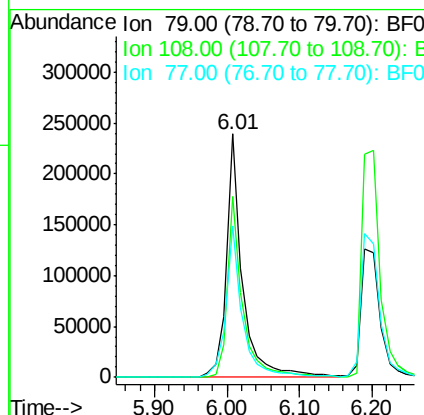
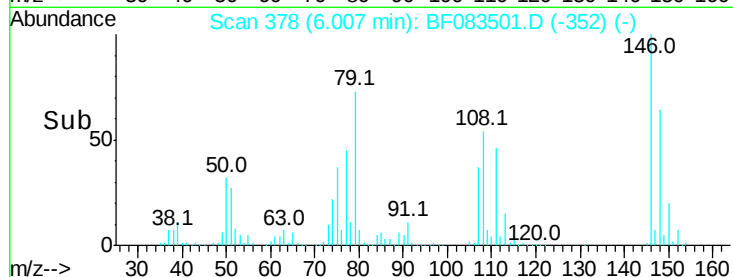
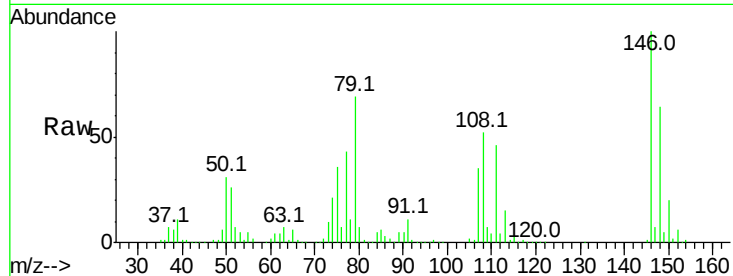
#15
Benzyl Alcohol
Concen: 37.96 ng
RT: 6.01 min Scan# 378
Delta R.T. 0.00 min
Lab File: BF083501.D
Acq: 5 Dec 2015 00:54

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tot Ion	Ratio	Lower	Upper
79	100		
108	74.5	59.6	89.4
77	62.2	49.8	74.6

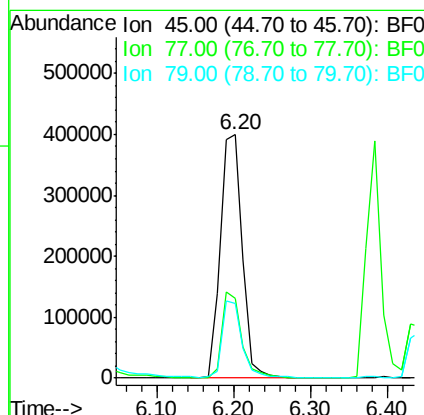
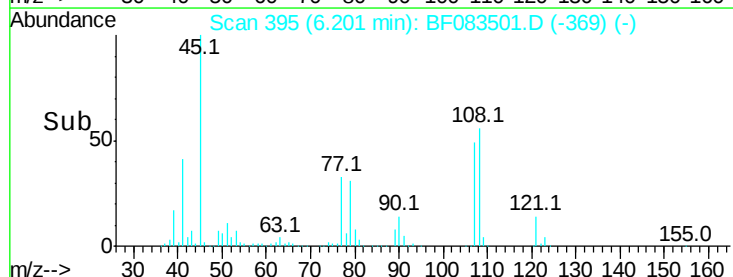
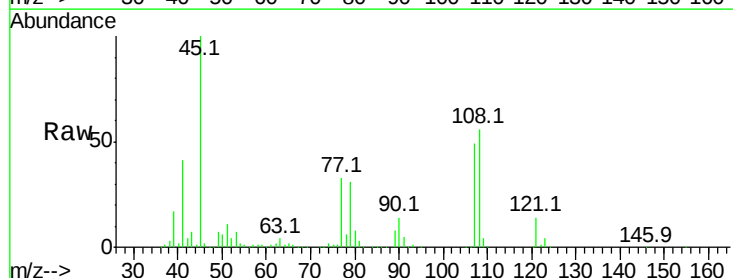
Manual Integrations
APPROVED

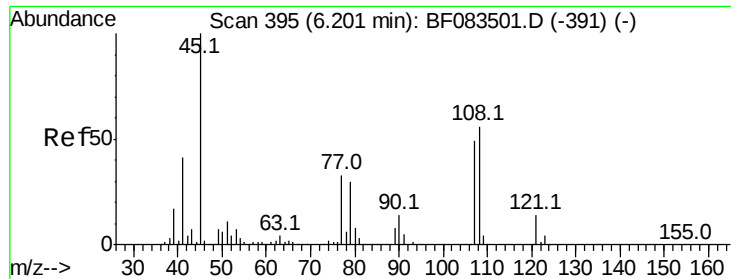
Mmdadoda
12/7/2015 6:30:43 PM



#16
2,2'-oxybis(1-Chloropropane)
Concen: 40.98 ng
RT: 6.20 min Scan# 395
Delta R.T. 0.00 min
Lab File: BF083501.D
Acq: 5 Dec 2015 00:54

Tgt Ion	Ratio	Lower	Upper
45	100		
77	32.8	12.8	52.8
79	30.7	10.7	50.7





#17

2-Methylphenol

Concen: 39.36 ng

RT: 6.20 min Scan# 395

Delta R.T. 0.00 min

Lab File: BF083501.D

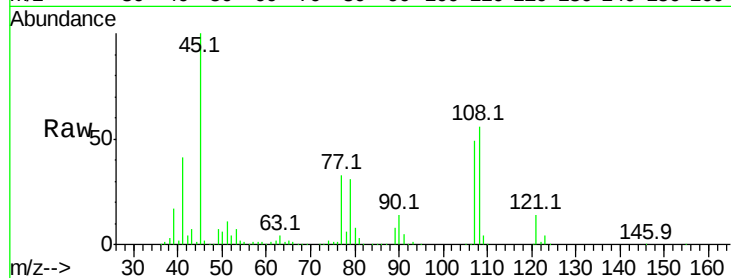
Acq: 5 Dec 2015 00:54

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040



Tot Ion:107 Resp: 337038

Ion Ratio Lower Upper

107 100

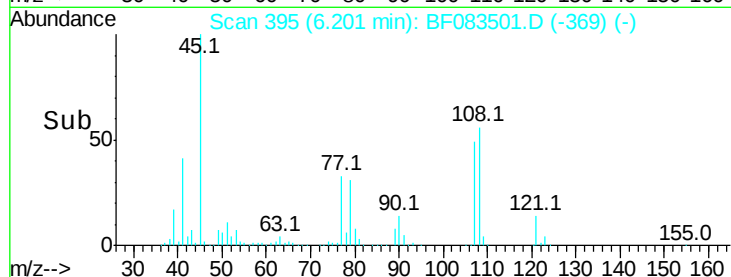
108 114.5 91.6 137.4

77 67.1 53.7 80.5

79 62.8 50.2 75.4

Manual Integrations
APPROVED

Mmdadoda
12/7/2015 6:30:43 PM



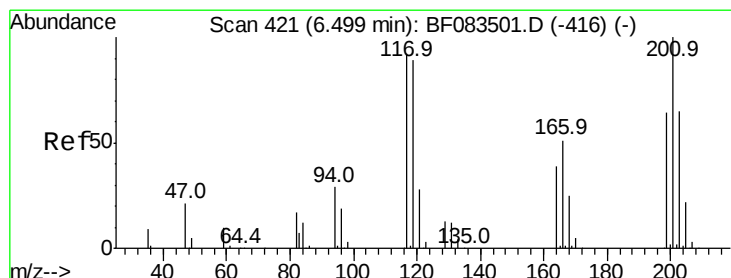
Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0

Time-->



#18

Hexachloroethane

Concen: 39.23 ng

RT: 6.50 min Scan# 421

Delta R.T. 0.00 min

Lab File: BF083501.D

Acq: 5 Dec 2015 00:54

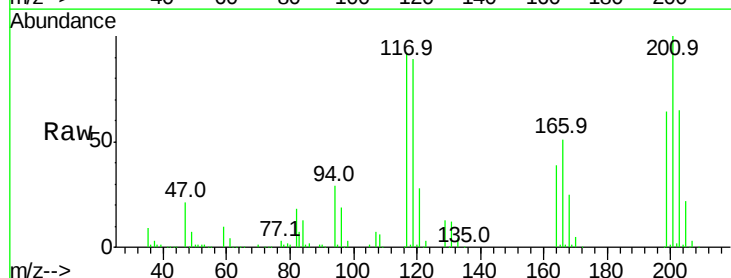
Tgt Ion:117 Resp: 161171

Ion Ratio Lower Upper

117 100

119 96.5 77.2 115.8

201 108.5 86.8 130.2

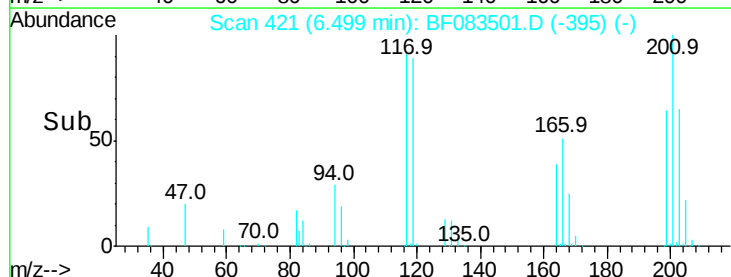


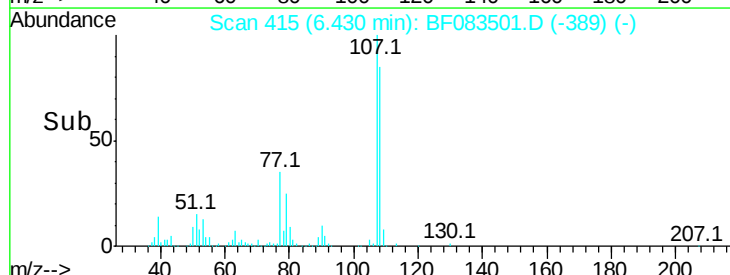
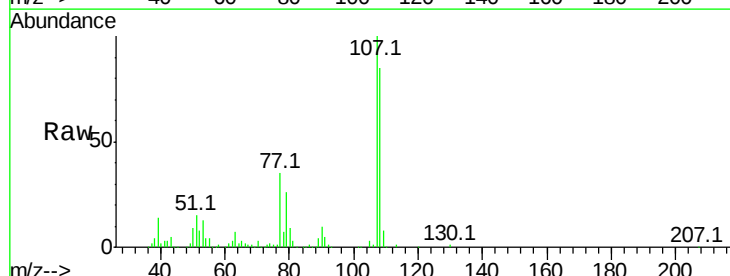
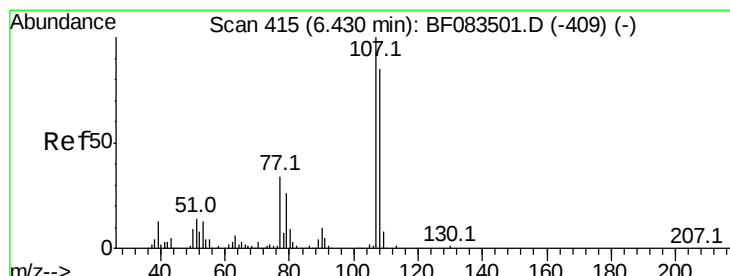
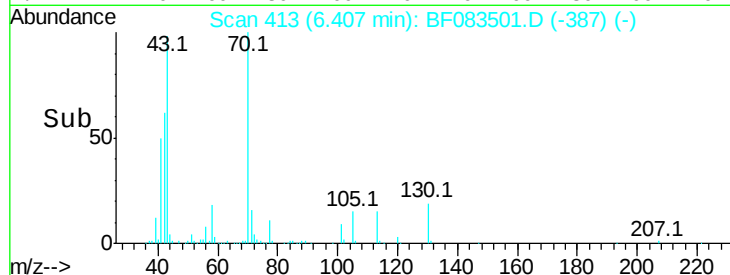
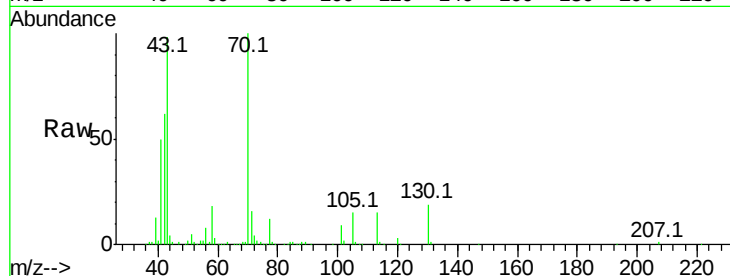
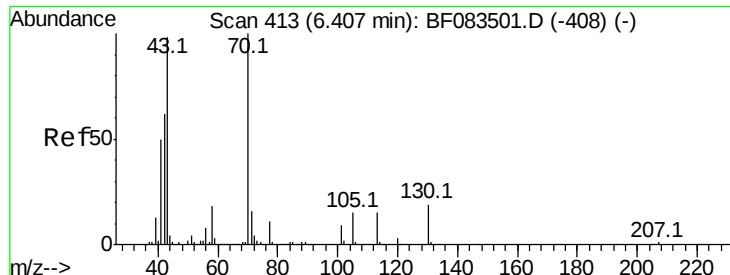
Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

Time-->





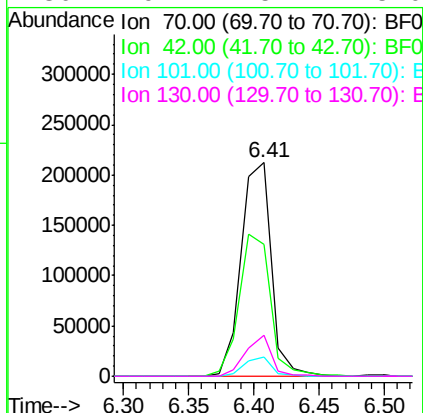
#19
n-Nitroso-di-n-propylamine
Concen: 37.88 ng
RT: 6.41 min Scan# 413
Delta R.T. 0.00 min
Lab File: BF083501.D
Acq: 5 Dec 2015 00:54

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100				
42	61.5	49.2	73.8		
101	8.9	7.1	10.7		
130	19.2	15.4	23.0		

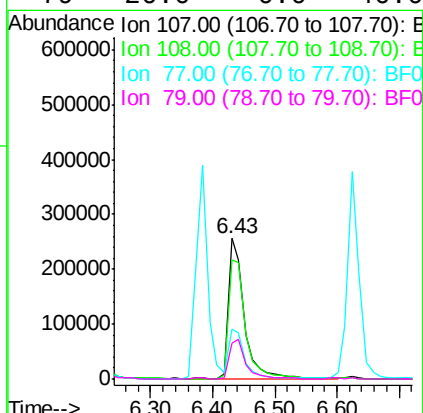
Manual Integrations
APPROVED

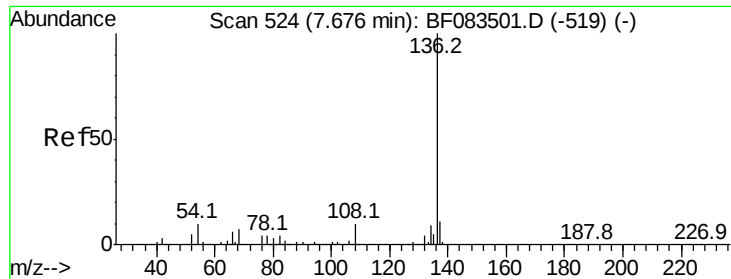
Mmdadoda
12/7/2015 6:30:43 PM



#20
3+4-Methylphenols
Concen: 38.83 ng
RT: 6.43 min Scan# 415
Delta R.T. 0.00 min
Lab File: BF083501.D
Acq: 5 Dec 2015 00:54

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100				
108	85.2	65.2	105.2		
77	35.2	15.2	55.2		
79	26.0	6.0	46.0		





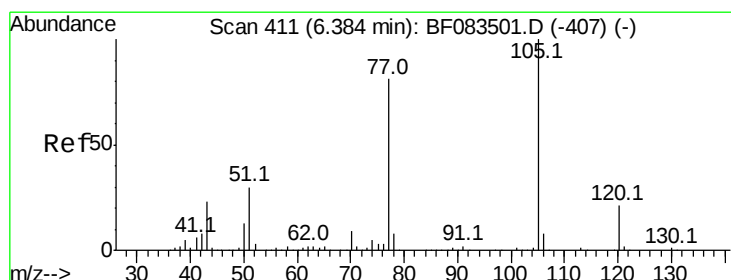
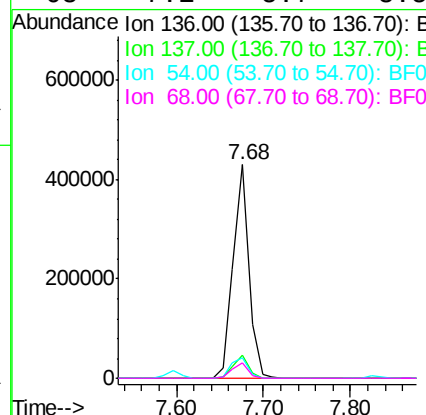
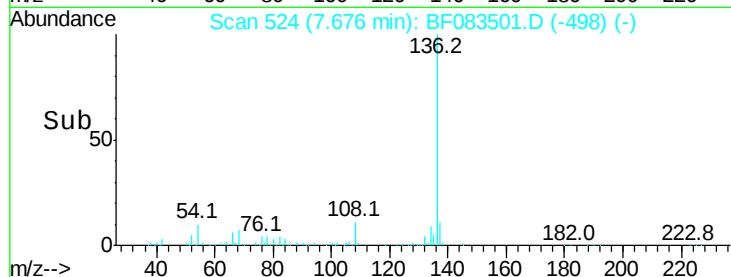
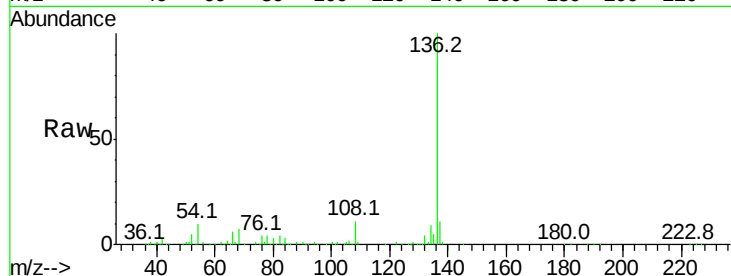
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.68 min Scan# 524
Delta R.T. 0.00 min
Lab File: BF083501.D
Acq: 5 Dec 2015 00:54

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tot Ion	Ratio	Resp	Lower	Upper
136	100	544225		
137	10.9	8.7	13.1	
54	9.7	7.8	11.6	
68	7.1	5.7	8.5	

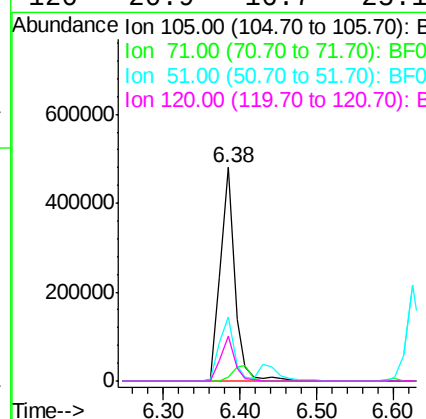
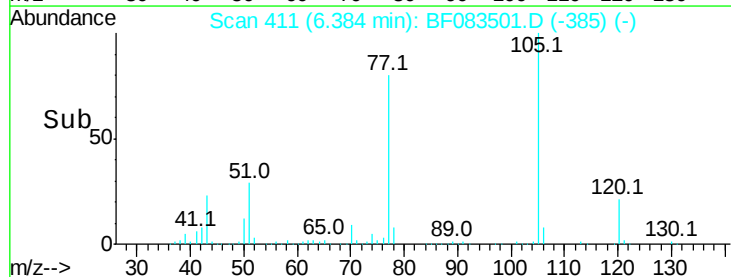
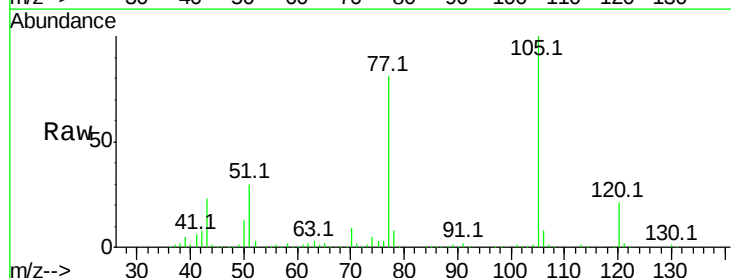
Manual Integrations
APPROVED

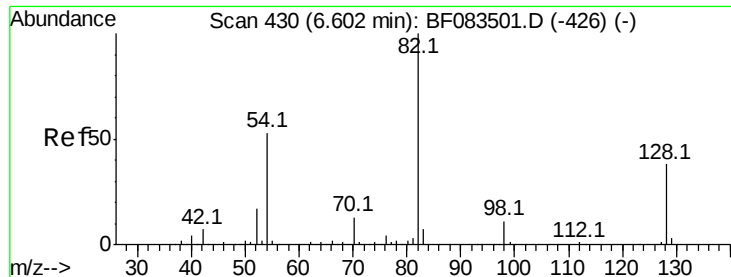
Mmdadoda
12/7/2015 6:30:43 PM



#22
Acetophenone
Concen: 39.02 ng
RT: 6.38 min Scan# 411
Delta R.T. 0.00 min
Lab File: BF083501.D
Acq: 5 Dec 2015 00:54

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	632015		
71	1.6	1.3	1.9	
51	29.8	23.8	35.8	
120	20.9	16.7	25.1	





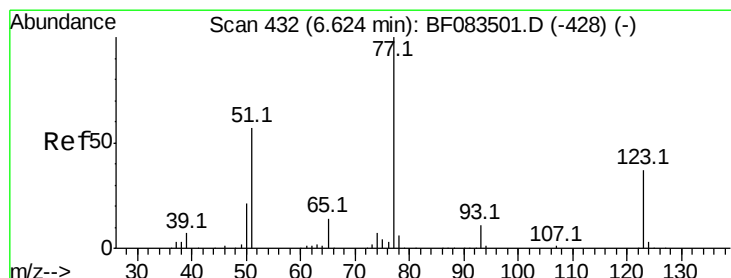
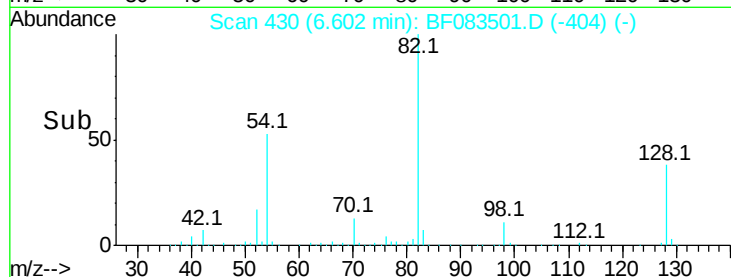
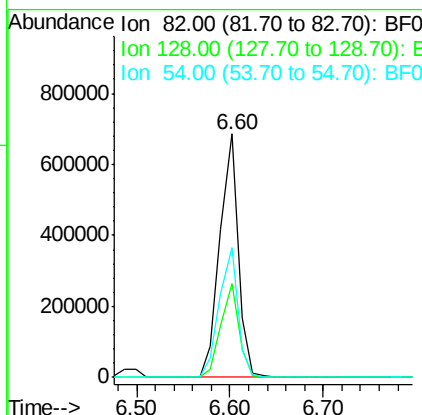
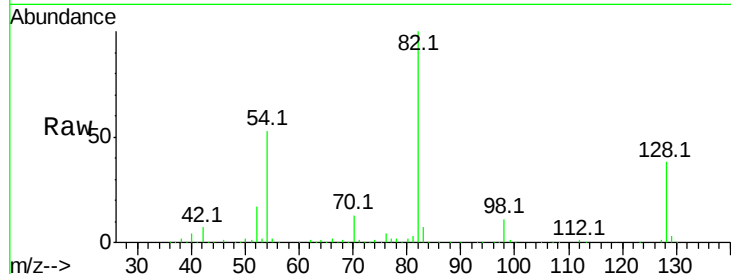
#23
 Nitrobenzene-d5
 Concen: 76.78 ng
 RT: 6.60 min Scan# 430
 Delta R.T. 0.00 min
 Lab File: BF083501.D
 Acq: 5 Dec 2015 00:54

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC040

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	38.4	30.7	46.1	
54	53.1	42.5	63.7	

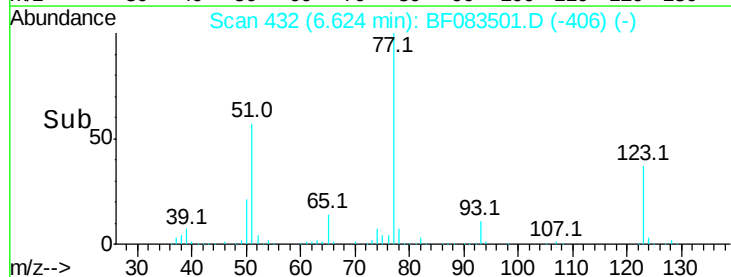
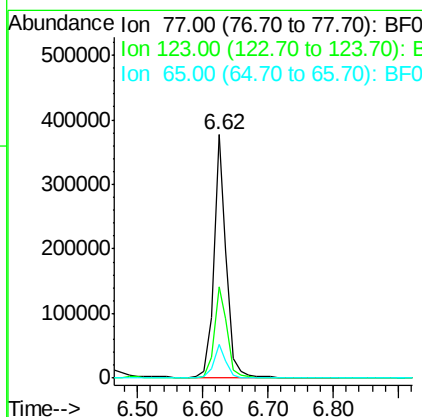
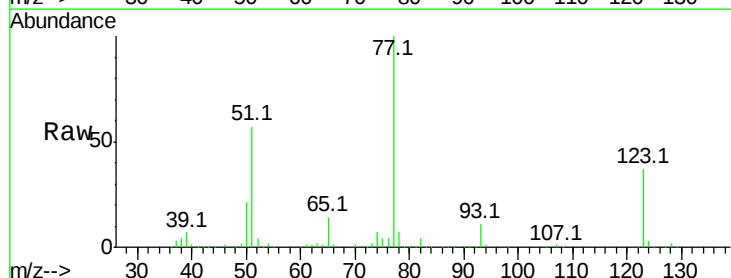
Manual Integrations
 APPROVED

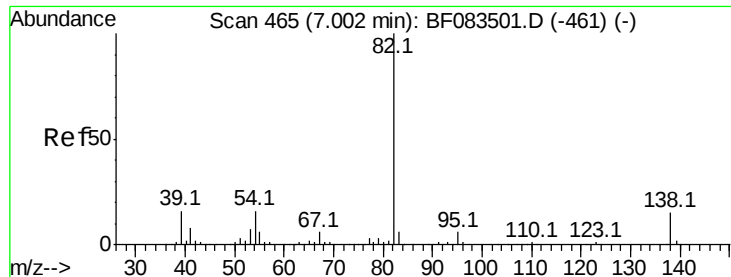
Mmdadoda
 12/7/2015 6:30:43 PM



#24
 Nitrobenzene
 Concen: 38.10 ng
 RT: 6.62 min Scan# 432
 Delta R.T. 0.00 min
 Lab File: BF083501.D
 Acq: 5 Dec 2015 00:54

Tgt Ion	Ratio	Resp	Lower	Upper
77	100			
123	37.2	29.8	44.6	
65	13.9	11.1	16.7	





#25

Isophorone

Concen: 37.86 ng

RT: 7.00 min Scan# 465

Delta R.T. 0.00 min

Lab File: BF083501.D

Acq: 5 Dec 2015 00:54

Instrument :

BNA_F

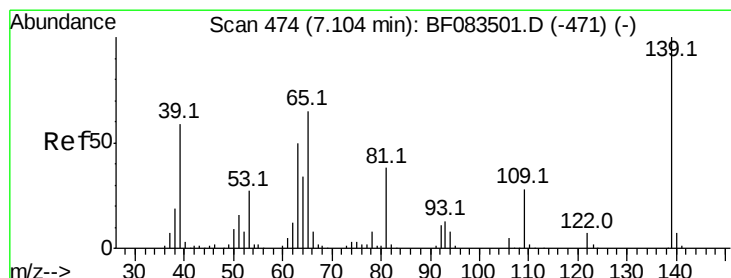
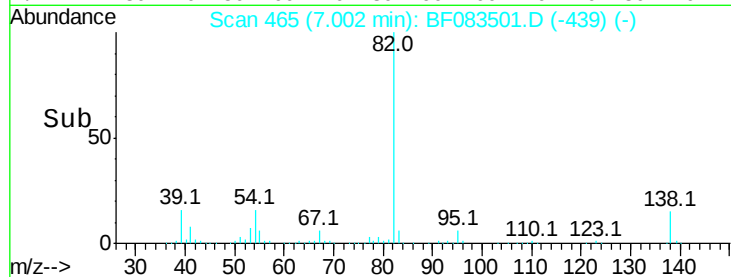
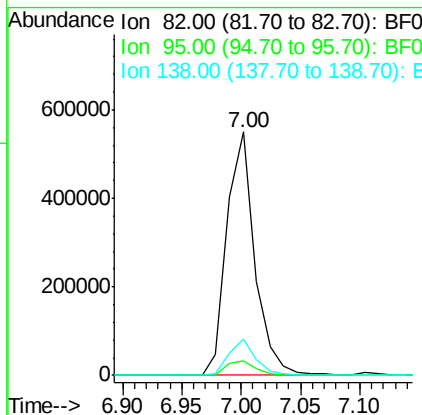
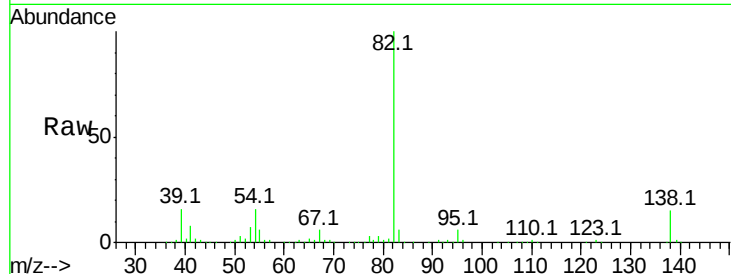
ClientSampleId :

SSTDICCC040

Tot Ion:	82	Resp:	901667
Ion Ratio		Lower	Upper
82	100		
95	6.2	5.0	7.4
138	15.1	12.1	18.1

Manual Integrations
APPROVED

Mmdadoda
12/7/2015 6:30:43 PM



#26

2-Nitrophenol

Concen: 39.05 ng

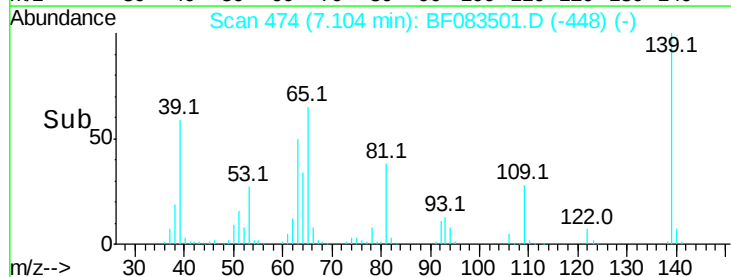
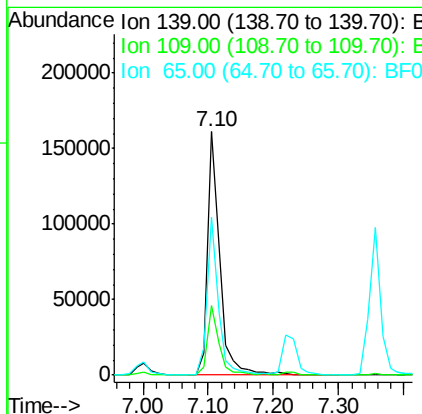
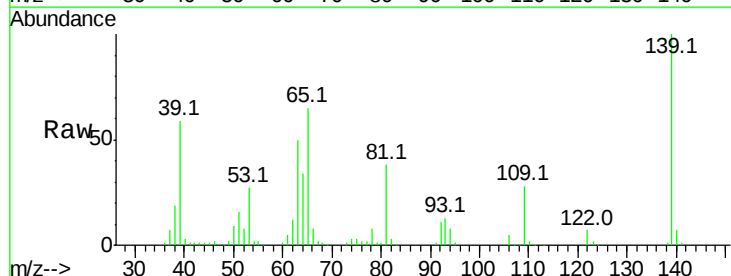
RT: 7.10 min Scan# 474

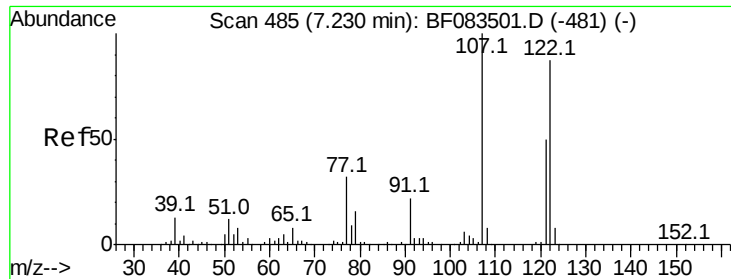
Delta R.T. 0.00 min

Lab File: BF083501.D

Acq: 5 Dec 2015 00:54

Tgt Ion:	139	Resp:	211244
Ion Ratio		Lower	Upper
139	100		
109	28.4	22.7	34.1
65	64.8	51.8	77.8





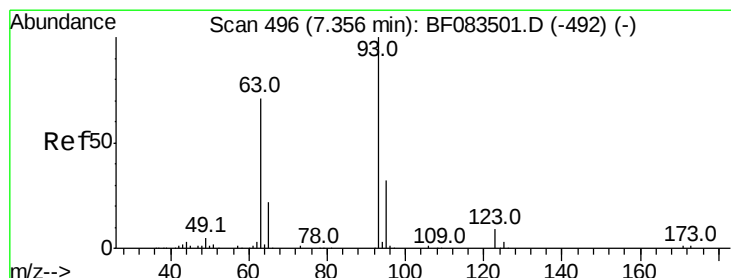
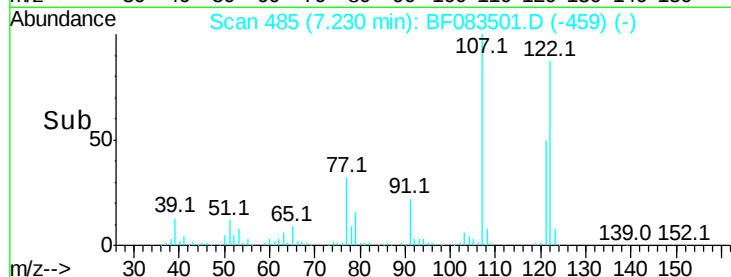
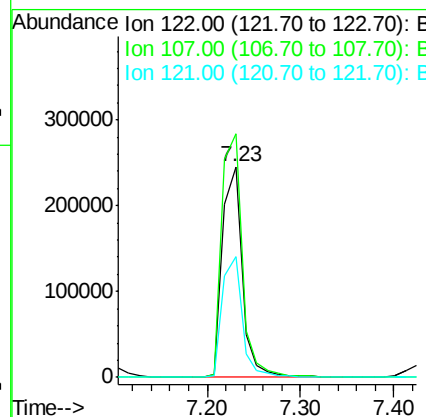
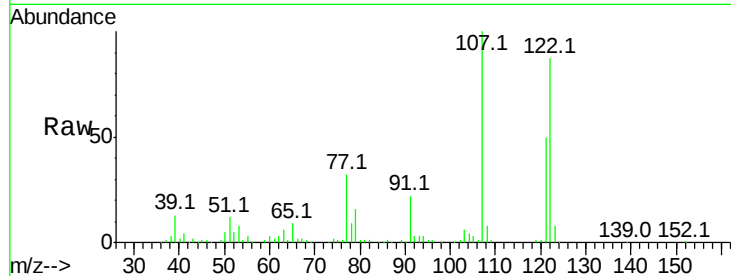
#27
 2,4-Dimethylphenol
 Concen: 40.53 ng
 RT: 7.23 min Scan# 485
 Delta R.T. 0.00 min
 Lab File: BF083501.D
 Acq: 5 Dec 2015 00:54

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC040

Tot Ion	Ratio	Resp	Lower	Upper
122	100	365287		
107	115.5	92.4	138.6	
121	57.2	45.8	68.6	

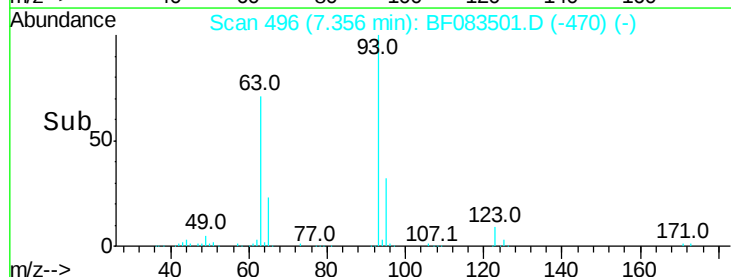
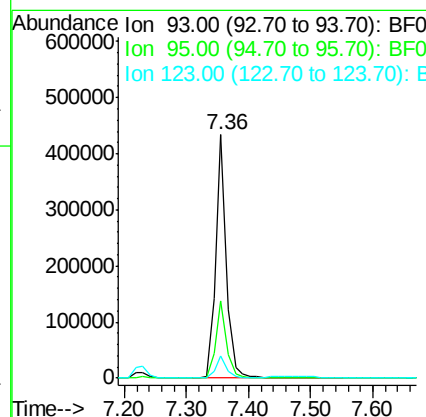
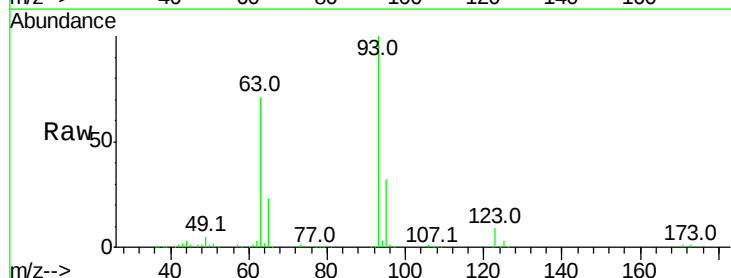
Manual Integrations
 APPROVED

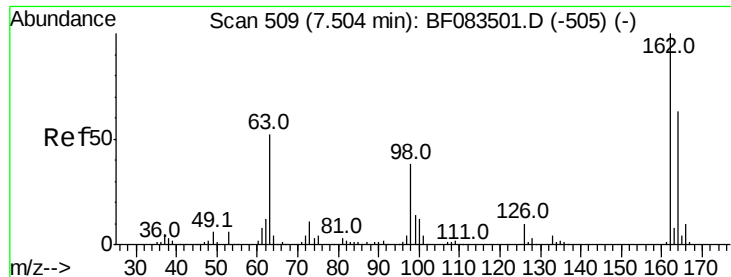
Mmdadoda
 12/7/2015 6:30:43 PM



#28
 bis(2-Chloroethoxy)methane
 Concen: 37.51 ng
 RT: 7.36 min Scan# 496
 Delta R.T. 0.00 min
 Lab File: BF083501.D
 Acq: 5 Dec 2015 00:54

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	511102		
95	32.0	25.6	38.4	
123	9.1	7.3	10.9	





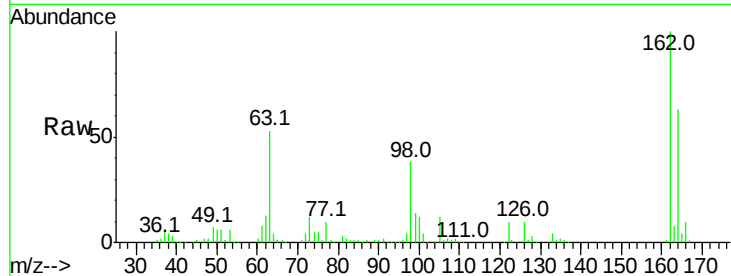
#29
 2,4-Dichlorophenol
 Concen: 38.41 ng
 RT: 7.50 min Scan# 509
 Delta R.T. 0.00 min
 Lab File: BF083501.D
 Acq: 5 Dec 2015 00:54

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC040

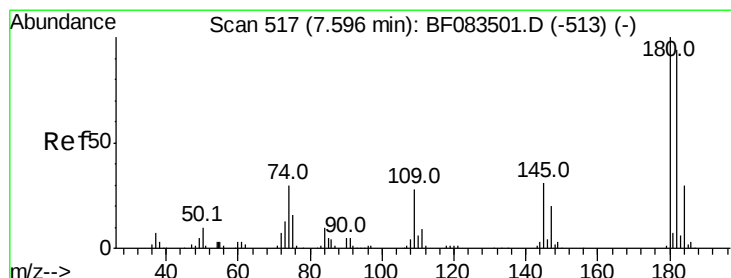
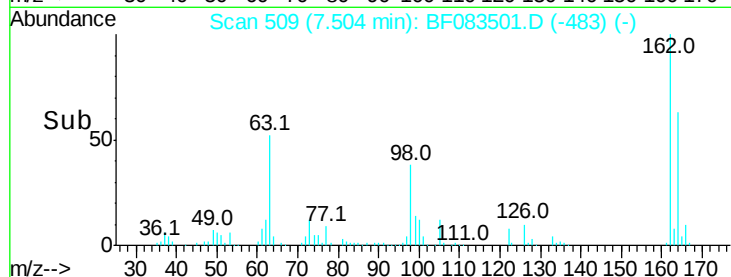
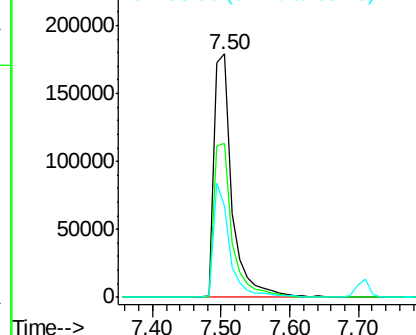
Tot Ion	Ratio	Resp Lower	Upper
162	100		
164	63.4	43.4	83.4
98	37.5	17.5	57.5

Manual Integrations
 APPROVED

Mmdadoda
 12/7/2015 6:30:43 PM



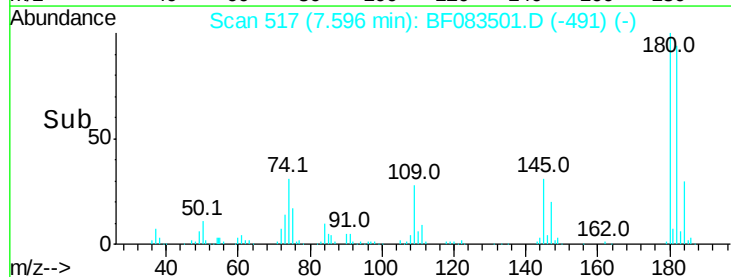
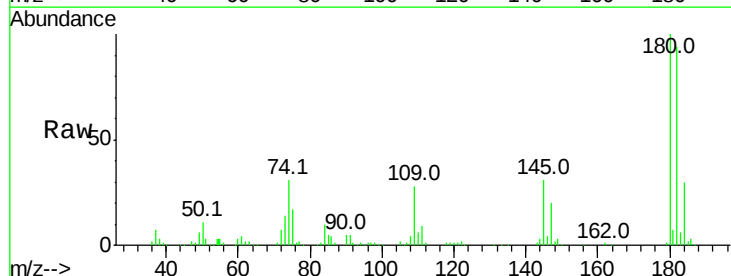
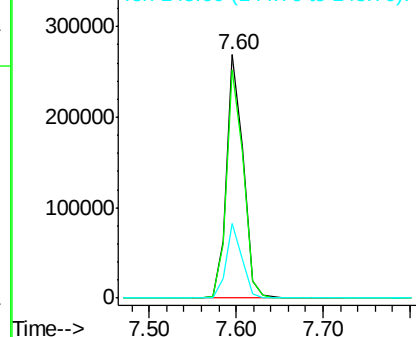
Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

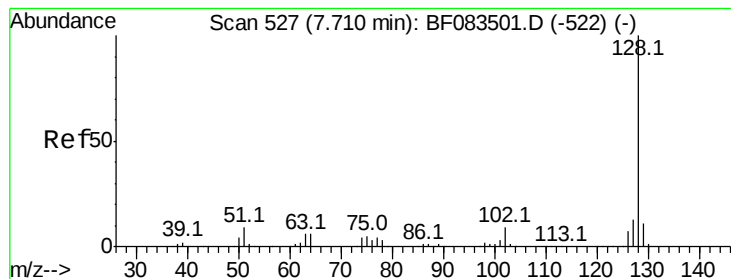


#30
 1,2,4-Trichlorobenzene
 Concen: 38.25 ng
 RT: 7.60 min Scan# 517
 Delta R.T. 0.00 min
 Lab File: BF083501.D
 Acq: 5 Dec 2015 00:54

Tgt Ion	Ratio	Resp Lower	Upper
180	100		
182	93.6	74.9	112.3
145	30.9	24.7	37.1

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: 39.09 ng

RT: 7.71 min Scan# 527

Delta R.T. 0.00 min

Lab File: BF083501.D

Acq: 5 Dec 2015 00:54

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

Tot Ion:128 Resp: 1160328

Ion Ratio Lower Upper

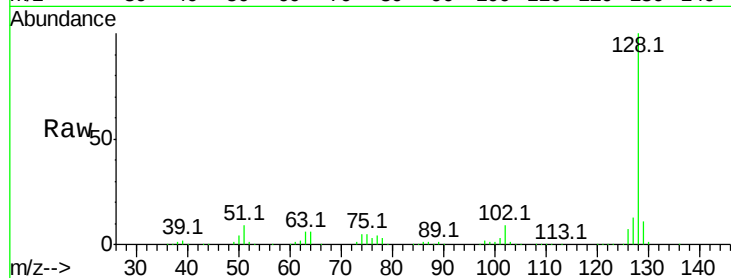
128 100

129 10.8 8.6 13.0

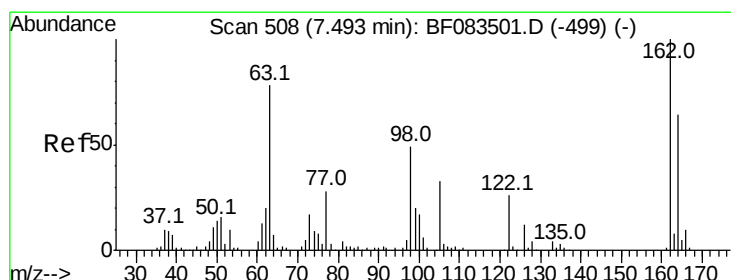
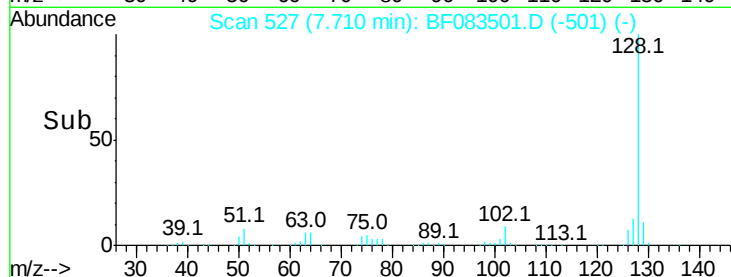
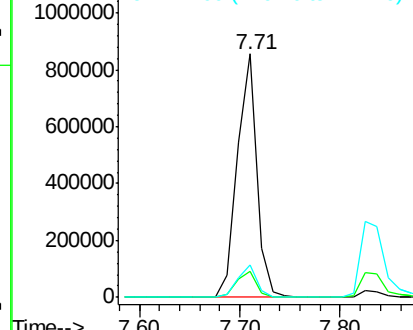
127 13.3 10.6 16.0

Manual Integrations
APPROVED

Mmdadoda
12/7/2015 6:30:43 PM



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



#32

Benzoic acid

Concen: 36.10 ng

RT: 7.49 min Scan# 508

Delta R.T. 0.00 min

Lab File: BF083501.D

Acq: 5 Dec 2015 00:54

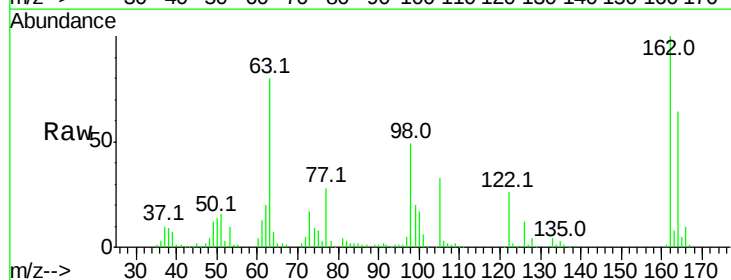
Tgt Ion:122 Resp: 220135

Ion Ratio Lower Upper

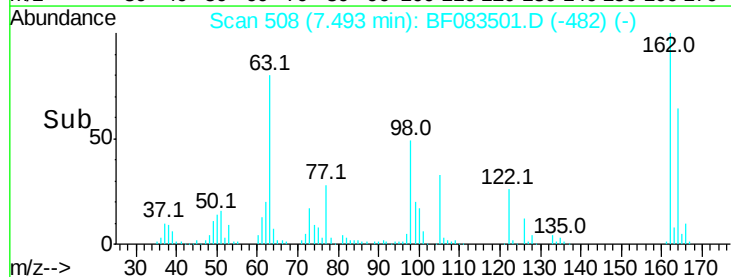
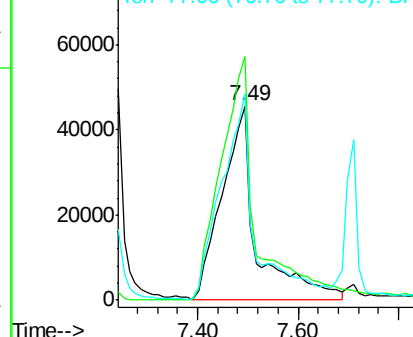
122 100

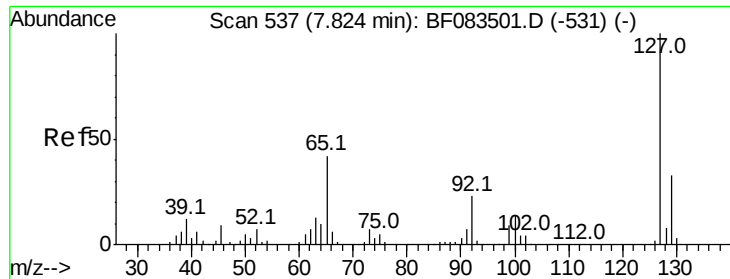
105 125.6 105.6 145.6

77 106.8 86.8 126.8



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





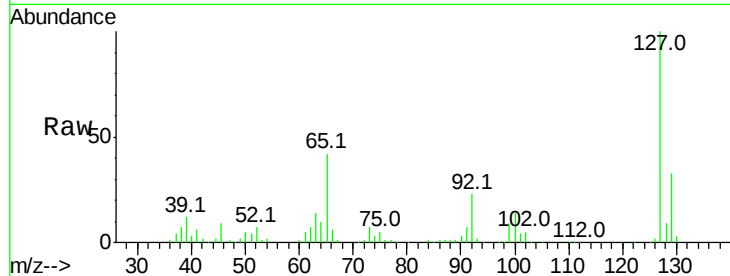
#33
4-Chloroaniline
Concen: 37.10 ng
RT: 7.82 min Scan# 537
Delta R.T. 0.00 min
Lab File: BF083501.D
Acq: 5 Dec 2015 00:54

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

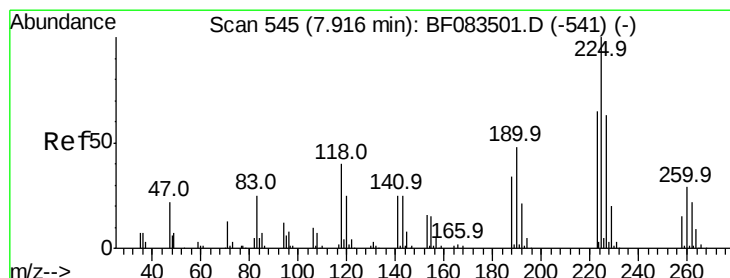
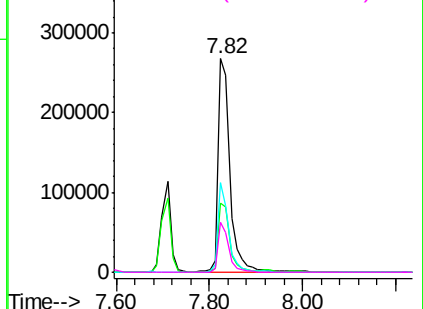
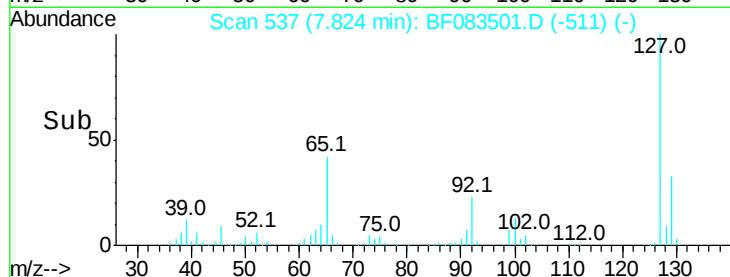
Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	32.6	26.1	39.1		
65	41.9	33.5	50.3		
92	23.3	18.6	28.0		

Manual Integrations
APPROVED

Mmdadoda
12/7/2015 6:30:43 PM

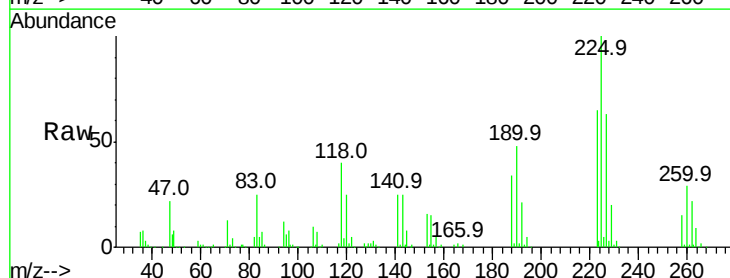


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

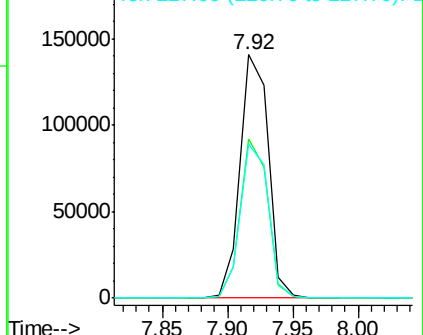
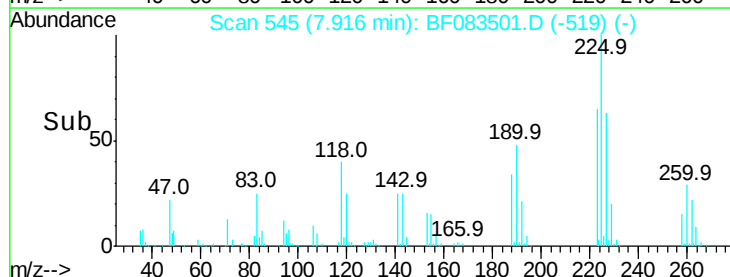


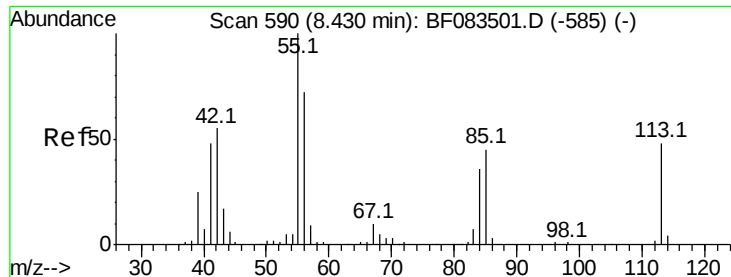
#34
Hexachlorobutadiene
Concen: 39.13 ng
RT: 7.92 min Scan# 545
Delta R.T. 0.00 min
Lab File: BF083501.D
Acq: 5 Dec 2015 00:54

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	65.4	52.3	78.5		
227	63.0	50.4	75.6		



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





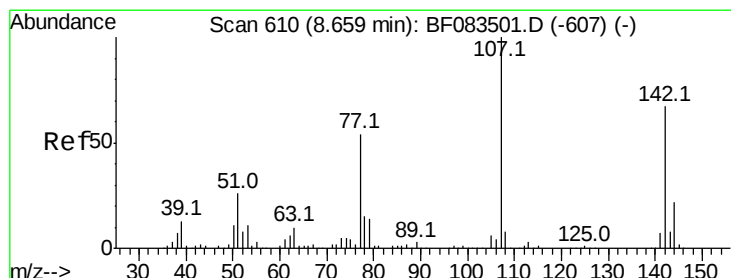
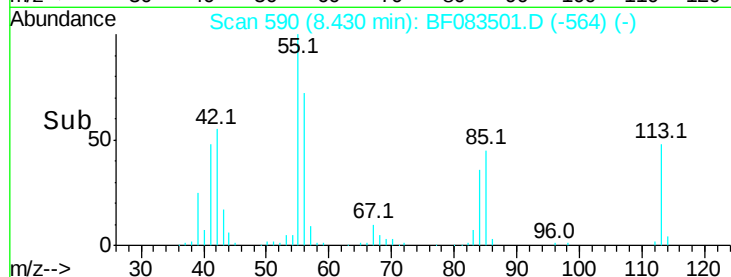
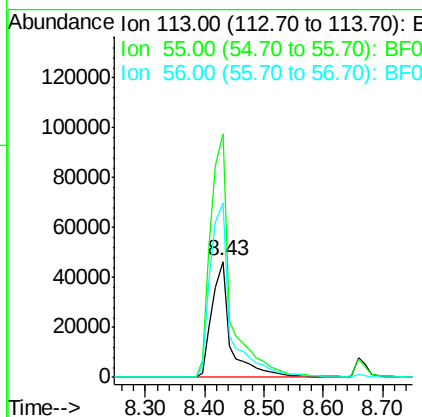
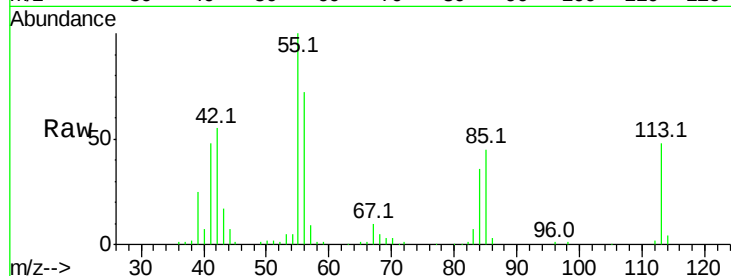
#35
 Caprolactam
 Concen: 37.87 ng
 RT: 8.43 min Scan# 590
 Delta R.T. 0.00 min
 Lab File: BF083501.D
 Acq: 5 Dec 2015 00:54

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC040

Tot Ion	Ratio	Lower	Upper
113	100		
55	209.7	189.7	229.7
56	150.7	130.7	170.7

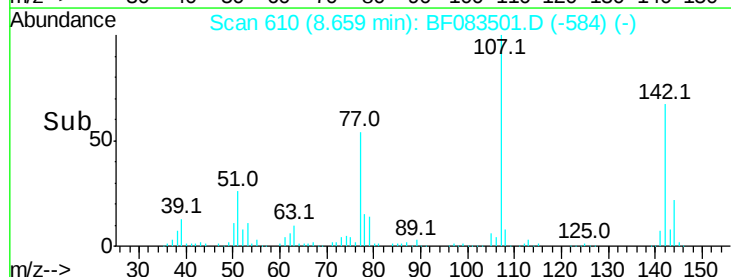
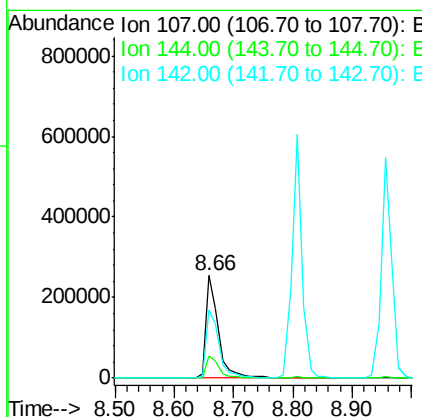
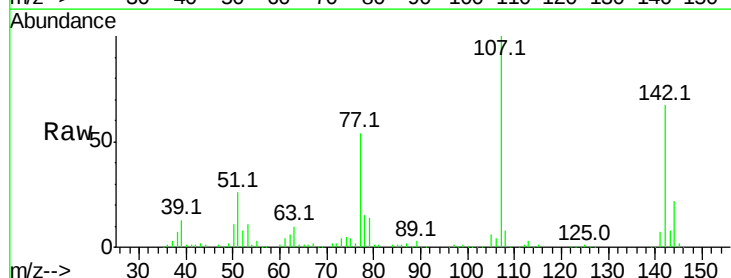
Manual Integrations
 APPROVED

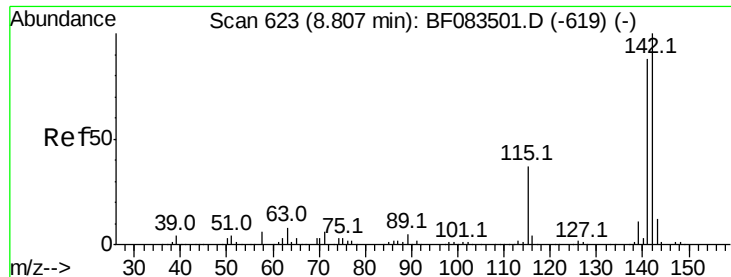
Mmdadoda
 12/7/2015 6:30:43 PM



#36
 4-Chloro-3-methylphenol
 Concen: 38.40 ng
 RT: 8.66 min Scan# 610
 Delta R.T. 0.00 min
 Lab File: BF083501.D
 Acq: 5 Dec 2015 00:54

Tgt Ion	Ratio	Lower	Upper
107	100		
144	21.9	17.5	26.3
142	67.0	53.6	80.4





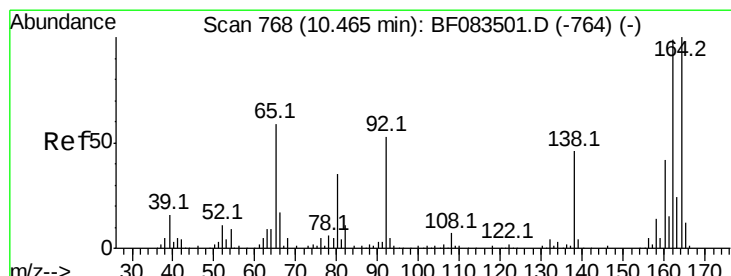
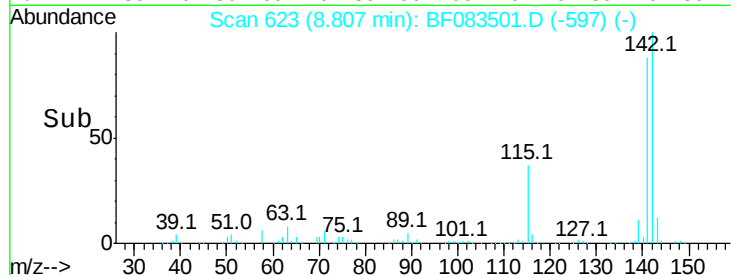
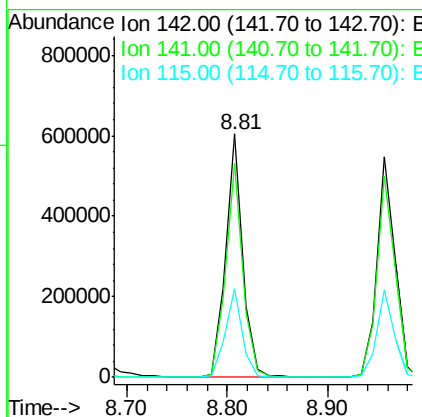
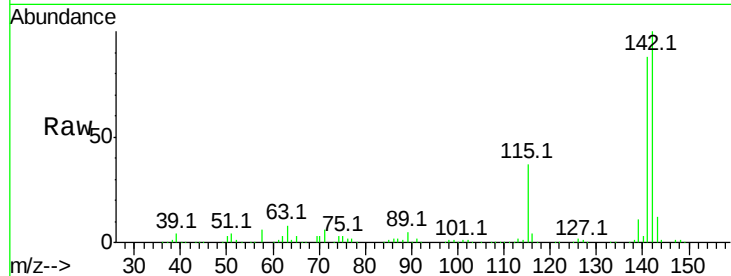
#37
 2-Methylnaphthalene
 Concen: 36.45 ng
 RT: 8.81 min Scan# 623
 Delta R.T. 0.00 min
 Lab File: BF083501.D
 Acq: 5 Dec 2015 00:54

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC040

Tot Ion	Ratio	Lower	Upper
142	100		
141	87.9	70.3	105.5
115	36.5	29.2	43.8

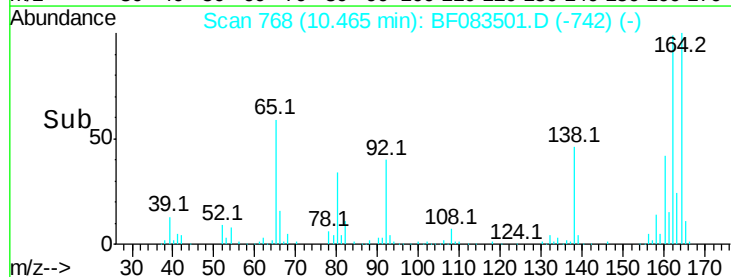
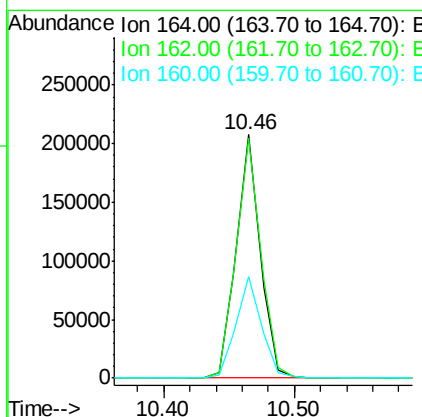
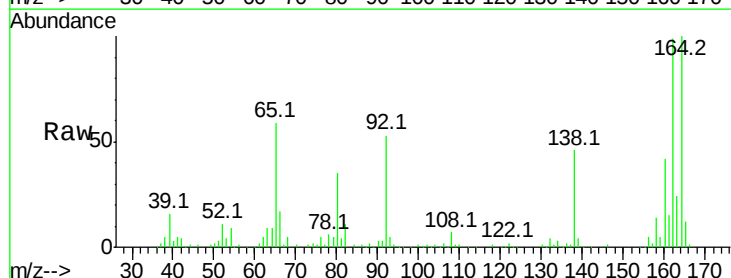
Manual Integrations
 APPROVED

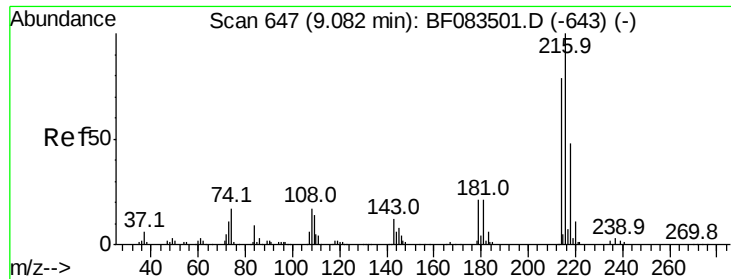
Mmdadoda
 12/7/2015 6:30:43 PM



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.46 min Scan# 768
 Delta R.T. 0.00 min
 Lab File: BF083501.D
 Acq: 5 Dec 2015 00:54

Tgt Ion	Ratio	Lower	Upper
164	100		
162	98.5	78.8	118.2
160	41.8	33.4	50.2





#39

1,2,4,5-Tetrachlorobenzene

Concen: 41.07 ng

RT: 9.08 min Scan# 647

Delta R.T. 0.00 min

Lab File: BF083501.D

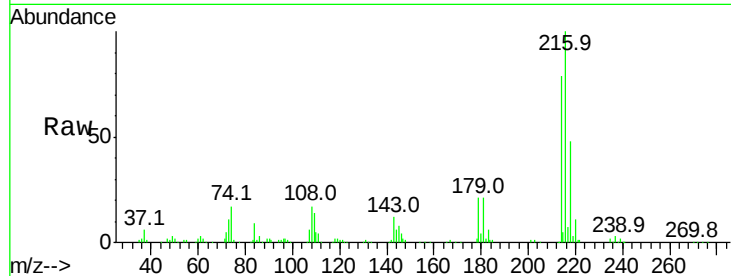
Acq: 5 Dec 2015 00:54

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040



Tot Ion:216 Resp: 349105

Ion Ratio Lower Upper

216 100

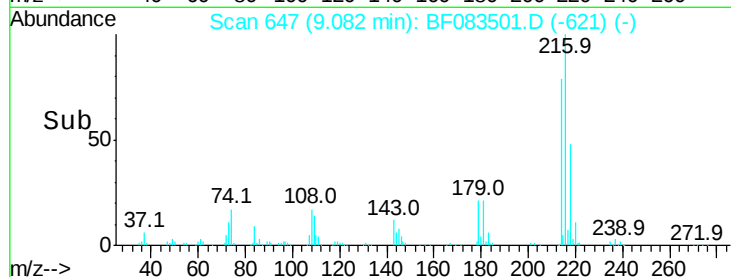
214 79.0 0.0 0.0#

179 21.5 0.0 0.0#

108 19.7 0.0 0.0#

Manual Integrations
APPROVED

Mmdadoda
12/7/2015 6:30:43 PM

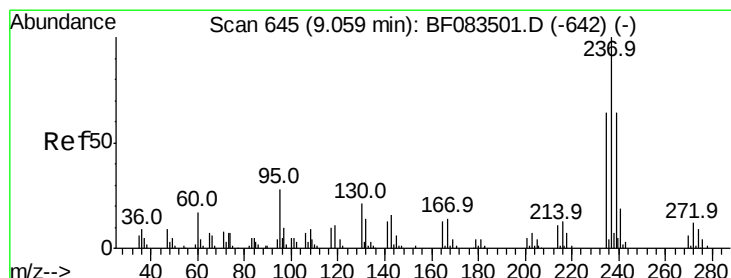
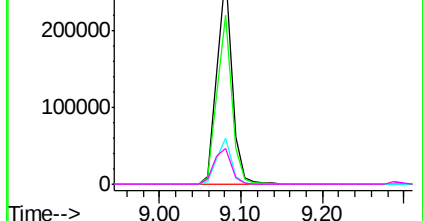


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 28.39 ng

RT: 9.06 min Scan# 645

Delta R.T. 0.00 min

Lab File: BF083501.D

Acq: 5 Dec 2015 00:54

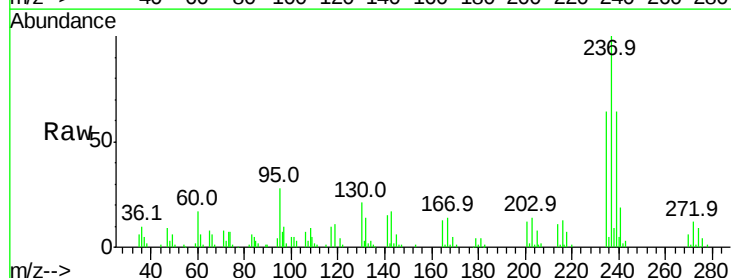
Tgt Ion:237 Resp: 107025

Ion Ratio Lower Upper

237 100

235 63.9 43.9 83.9

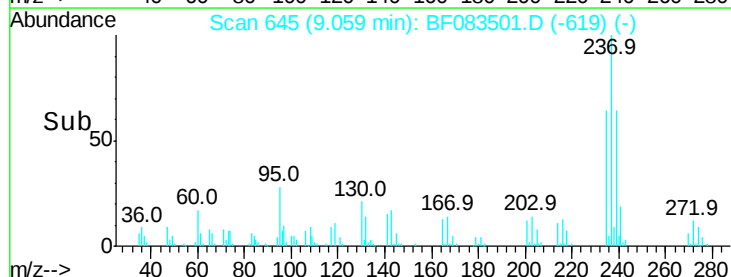
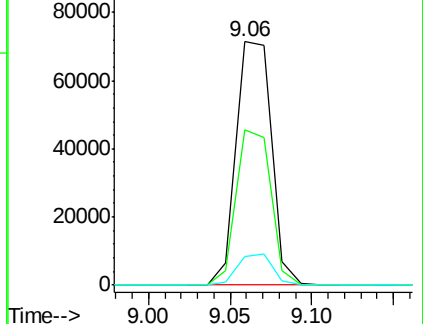
272 11.8 0.0 31.8

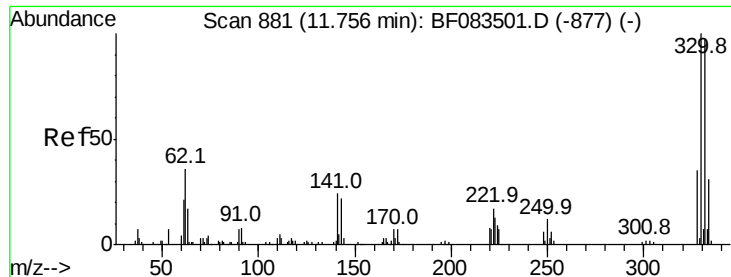


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E





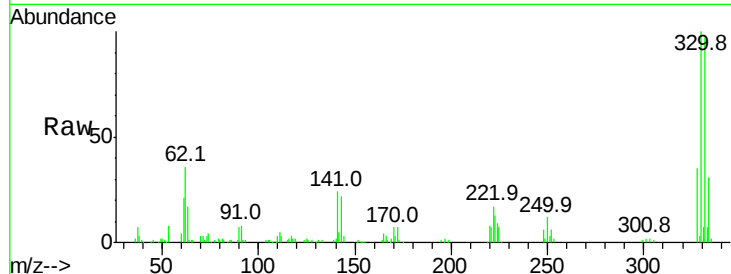
#41
 2,4,6-Tribromophenol
 Concen: 74.79 ng
 RT: 11.76 min Scan# 881
 Delta R.T. 0.00 min
 Lab File: BF083501.D
 Acq: 5 Dec 2015 00:54

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC040

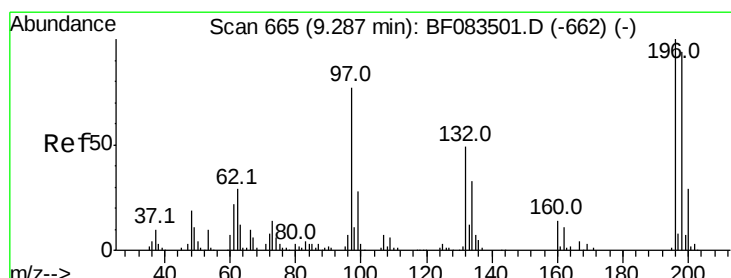
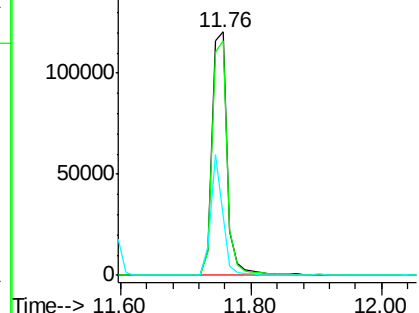
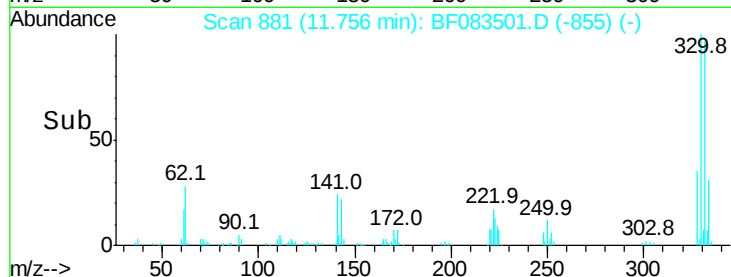
Tot Ion	Ratio	Resp Lower	Upper
330	100		
332	96.0	0.0	0.0#
141	38.6	0.0	0.0#

Manual Integrations
 APPROVED

Mmdadoda
 12/7/2015 6:30:43 PM

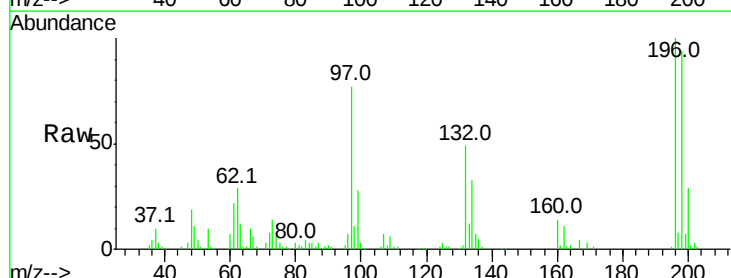


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

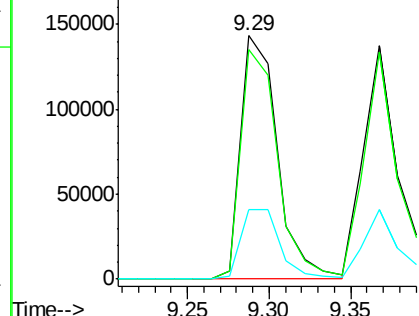
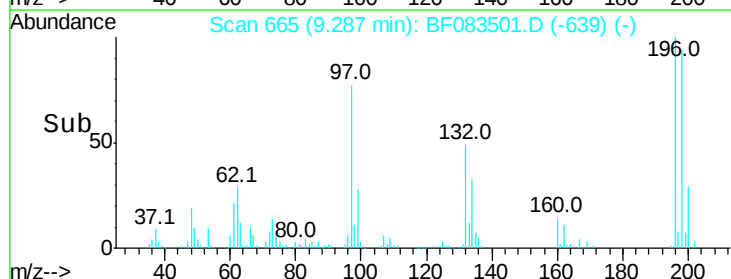


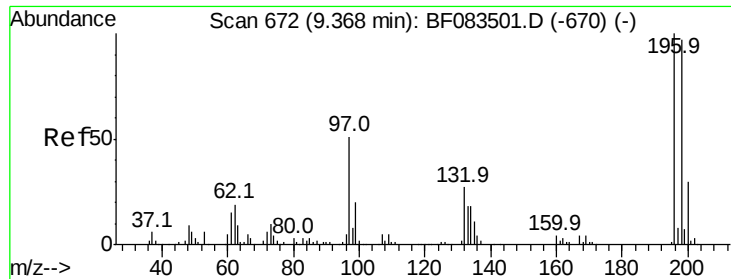
#42
 2,4,6-Trichlorophenol
 Concen: 38.18 ng
 RT: 9.29 min Scan# 665
 Delta R.T. 0.00 min
 Lab File: BF083501.D
 Acq: 5 Dec 2015 00:54

Tgt Ion	Ratio	Resp Lower	Upper
196	100		
198	94.0	75.2	112.8
200	28.8	23.0	34.6



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





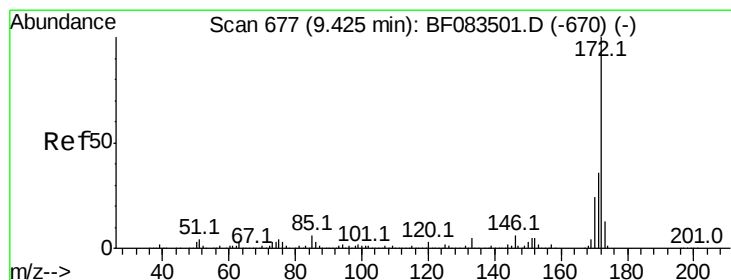
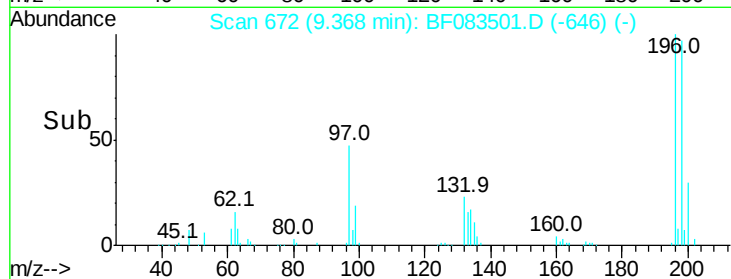
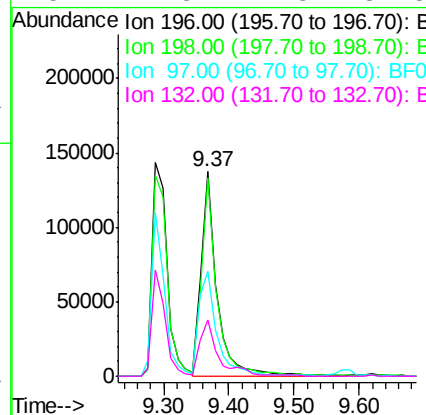
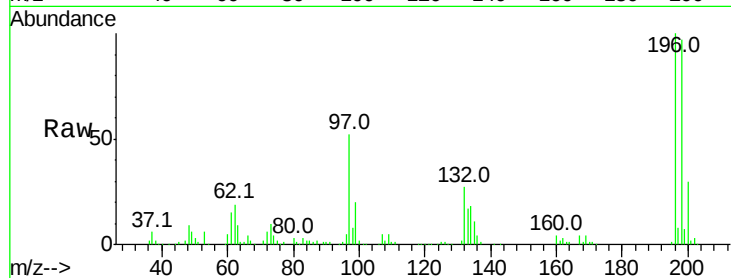
#43
 2,4,5-Trichlorophenol
 Concen: 37.74 ng
 RT: 9.37 min Scan# 672
 Delta R.T. 0.00 min
 Lab File: BF083501.D
 Acq: 5 Dec 2015 00:54

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC040

Tot Ion	196	Resp	226984
Ion Ratio	Lower	Upper	
196	100		
198	97.1	77.7	116.5
97	51.5	41.2	61.8
132	27.3	21.8	32.8

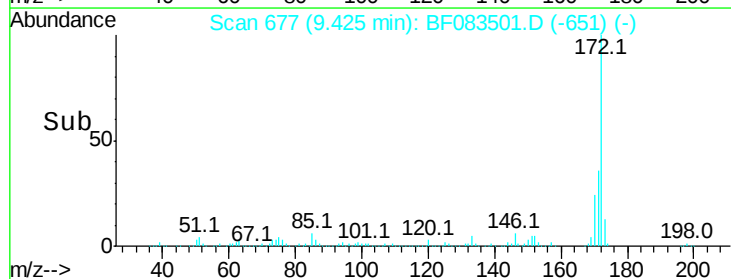
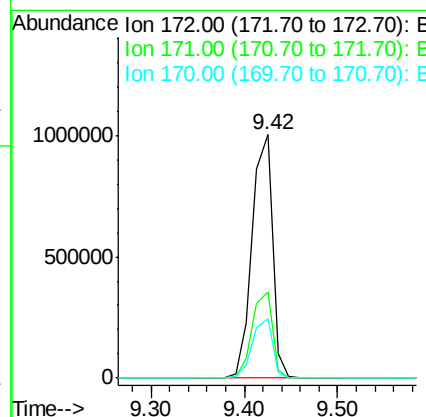
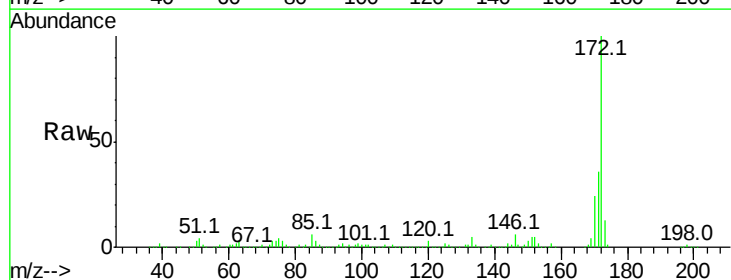
Manual Integrations
 APPROVED

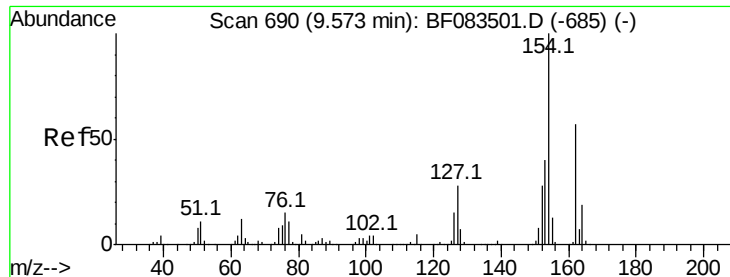
Mmdadoda
 12/7/2015 6:30:43 PM



#44
 2-Fluorobiphenyl
 Concen: 81.34 ng
 RT: 9.42 min Scan# 677
 Delta R.T. 0.00 min
 Lab File: BF083501.D
 Acq: 5 Dec 2015 00:54

Tgt Ion	172	Resp	1531805
Ion Ratio	Lower	Upper	
172	100		
171	35.7	28.6	42.8
170	24.2	19.4	29.0





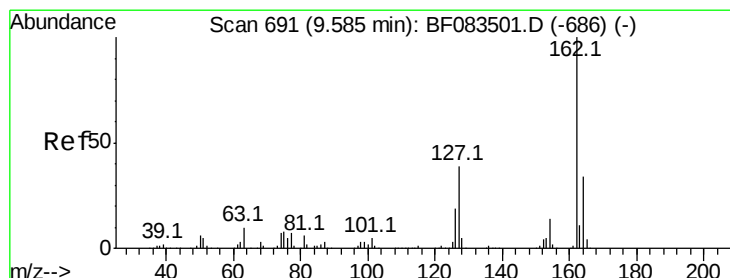
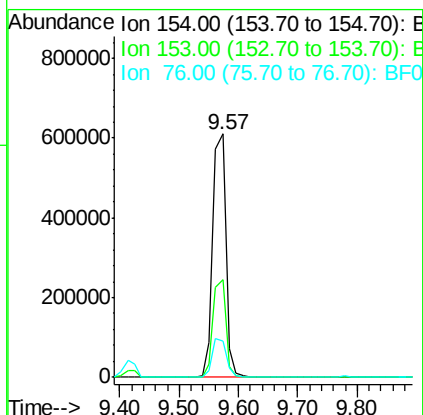
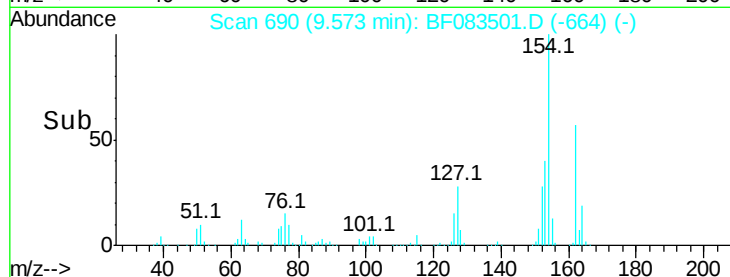
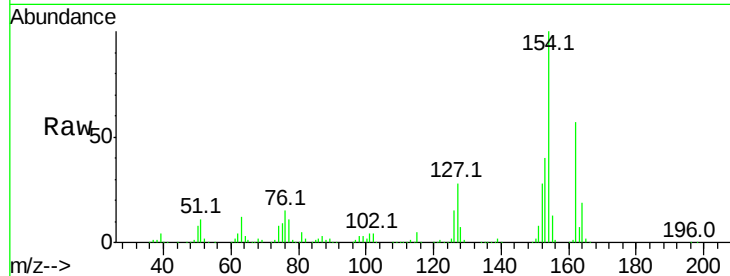
#45
1,1'-Biphenyl
Concen: 40.30 ng
RT: 9.57 min Scan# 690
Delta R.T. 0.00 min
Lab File: BF083501.D
Acq: 5 Dec 2015 00:54

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tot Ion	Ratio	Resp	Lower	Upper
154	100			
153	40.2	20.2	60.2	
76	14.8	0.0	34.8	

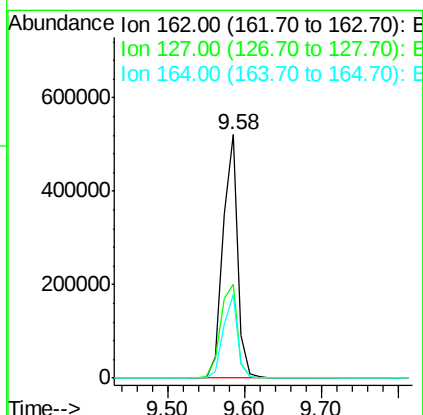
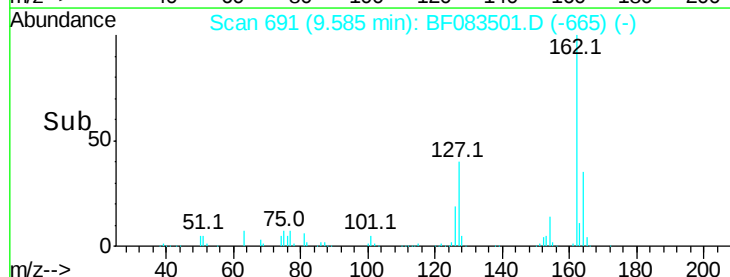
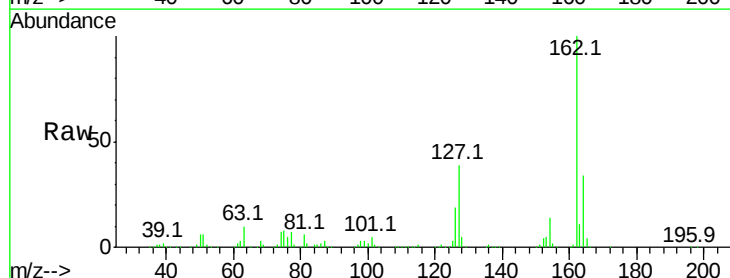
Manual Integrations
APPROVED

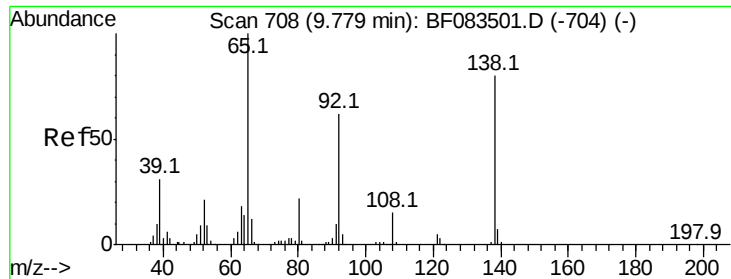
Mmdadoda
12/7/2015 6:30:43 PM



#46
2-Chloronaphthalene
Concen: 39.71 ng
RT: 9.58 min Scan# 691
Delta R.T. 0.00 min
Lab File: BF083501.D
Acq: 5 Dec 2015 00:54

Tgt Ion	Ratio	Resp	Lower	Upper
162	100			
127	38.7	31.0	46.4	
164	34.2	27.4	41.0	





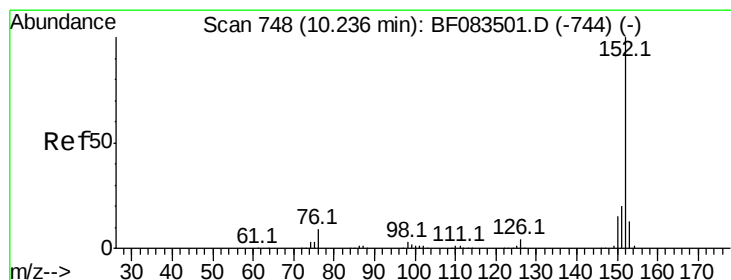
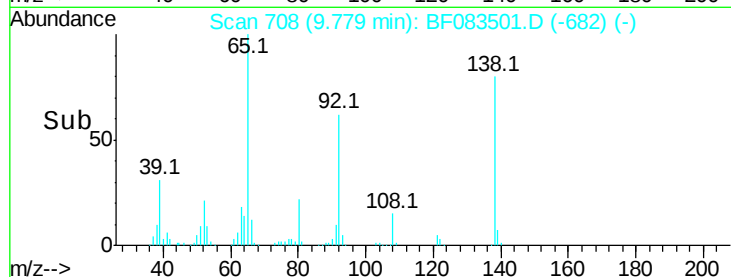
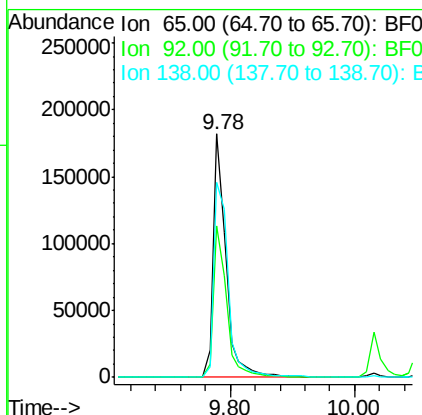
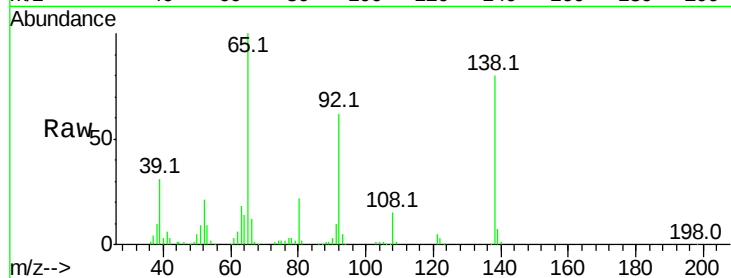
#47
 2-Nitroaniline
 Concen: 37.41 ng
 RT: 9.78 min Scan# 708
 Delta R.T. 0.00 min
 Lab File: BF083501.D
 Acq: 5 Dec 2015 00:54

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC040

Tot Ion	Ratio	Lower	Upper
65	100		
92	62.0	49.6	74.4
138	80.1	64.1	96.1

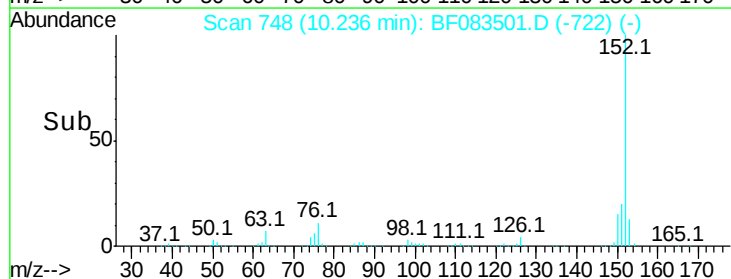
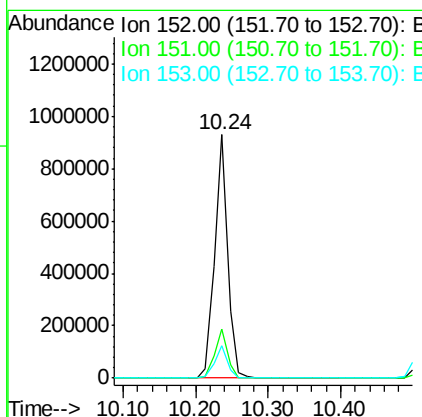
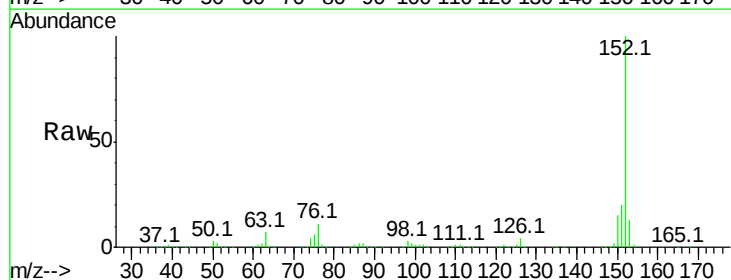
Manual Integrations
 APPROVED

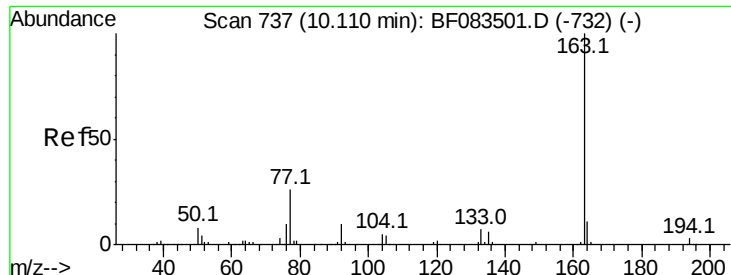
Mmdadoda
 12/7/2015 6:30:43 PM



#48
 Acenaphthylene
 Concen: 40.51 ng
 RT: 10.24 min Scan# 748
 Delta R.T. 0.00 min
 Lab File: BF083501.D
 Acq: 5 Dec 2015 00:54

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.4	16.3	24.5
153	13.5	10.8	16.2





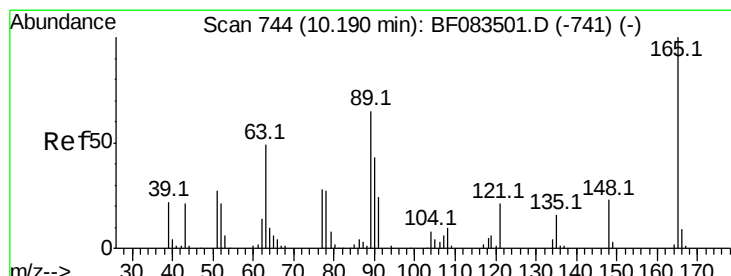
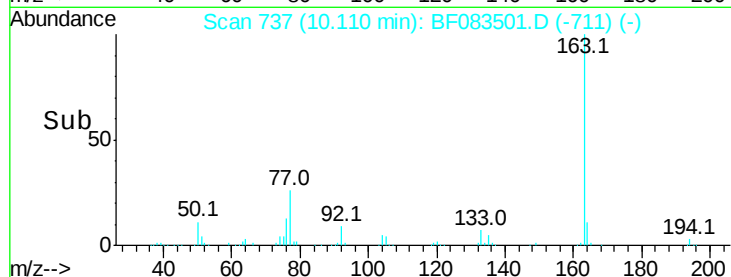
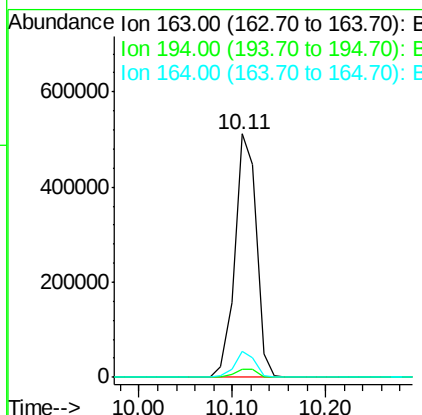
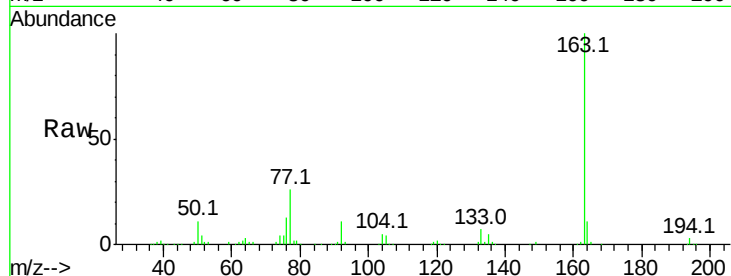
#49
Dimethylphthalate
Concen: 37.71 ng
RT: 10.11 min Scan# 737
Delta R.T. 0.00 min
Lab File: BF083501.D
Acq: 5 Dec 2015 00:54

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tot Ion	Ratio	Resp	Lower	Upper
163	100			
194	3.5	2.8	4.2	
164	10.8	8.6	13.0	

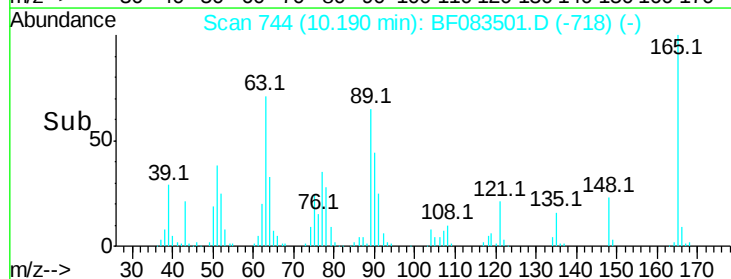
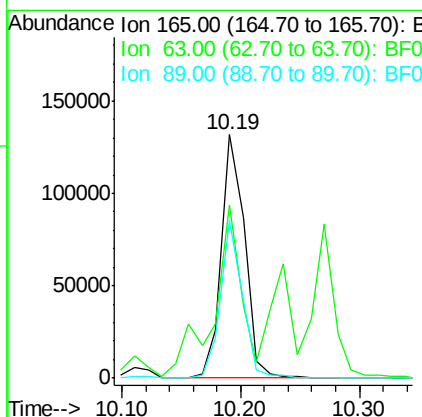
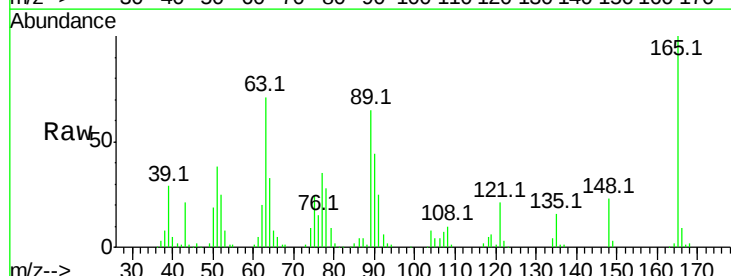
Manual Integrations
APPROVED

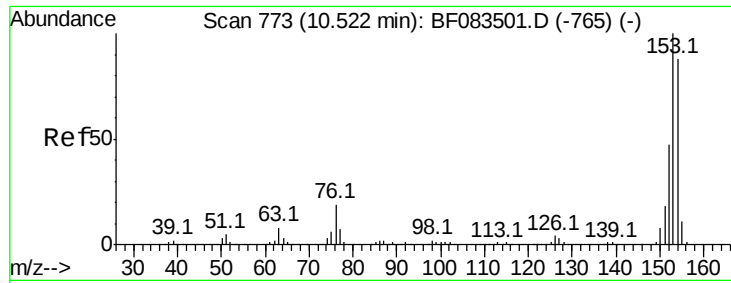
Mmdadoda
12/7/2015 6:30:43 PM



#50
2,6-Dinitrotoluene
Concen: 38.91 ng
RT: 10.19 min Scan# 744
Delta R.T. 0.00 min
Lab File: BF083501.D
Acq: 5 Dec 2015 00:54

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	71.1	56.9	85.3	
89	65.1	52.1	78.1	





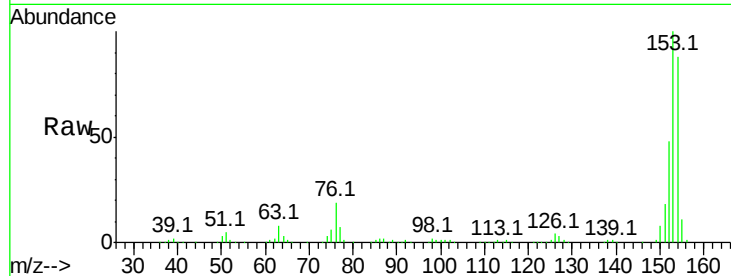
#51
Acenaphthene
Concen: 39.09 ng
RT: 10.52 min Scan# 773
Delta R.T. 0.00 min
Lab File: BF083501.D
Acq: 5 Dec 2015 00:54

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

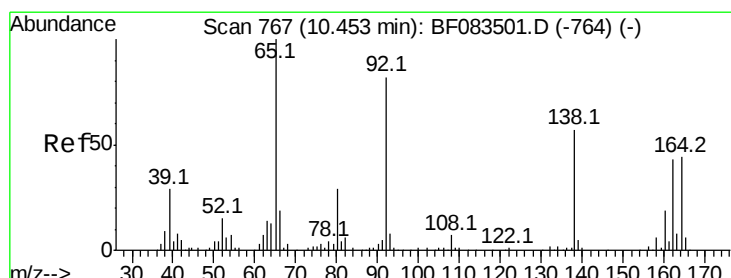
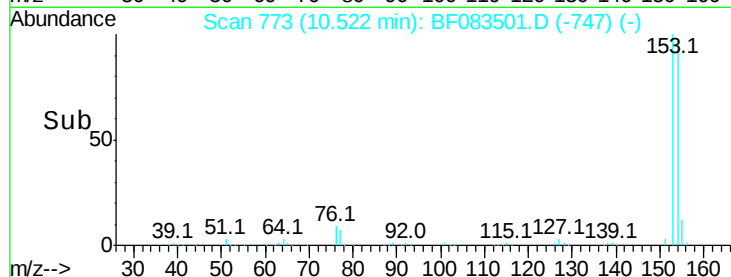
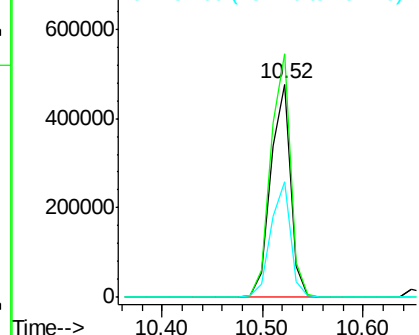
Tot Ion	Ratio	Lower	Upper
154	100		
153	114.2	91.4	137.0
152	54.3	43.4	65.2

Manual Integrations
APPROVED

Mmdadoda
12/7/2015 6:30:43 PM

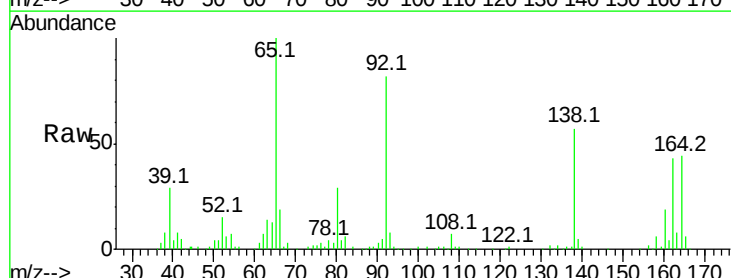


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

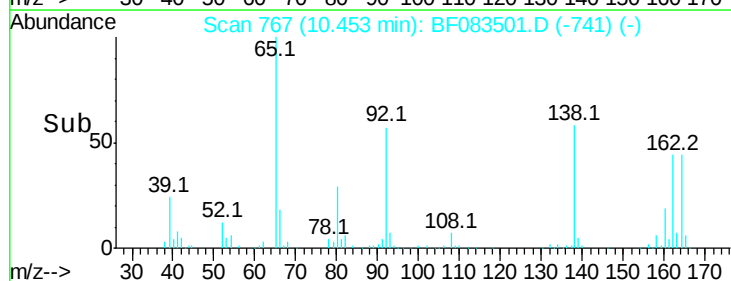
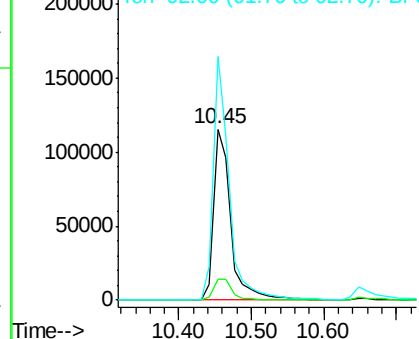


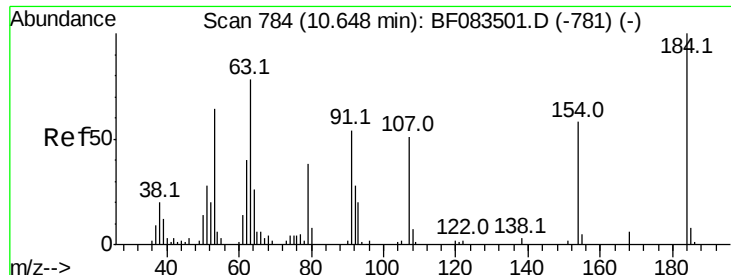
#52
3-Nitroaniline
Concen: 36.13 ng
RT: 10.45 min Scan# 767
Delta R.T. 0.00 min
Lab File: BF083501.D
Acq: 5 Dec 2015 00:54

Tgt Ion	Ratio	Lower	Upper
138	100		
108	12.4	9.9	14.9
92	142.3	113.8	170.8



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





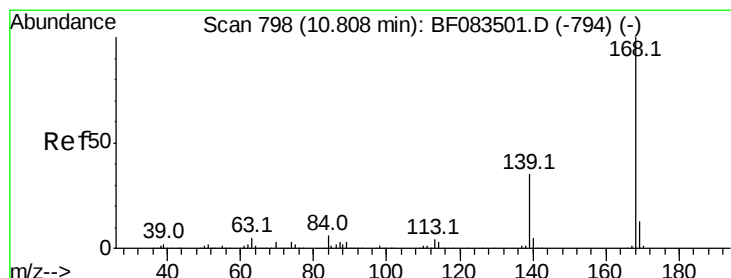
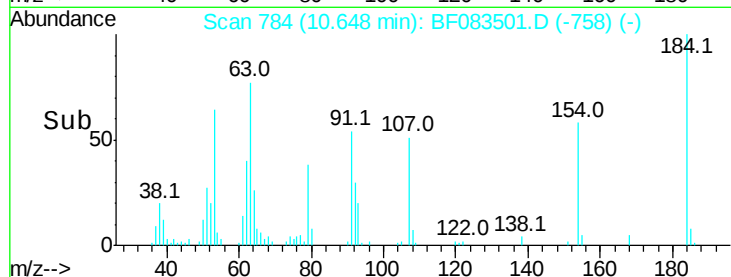
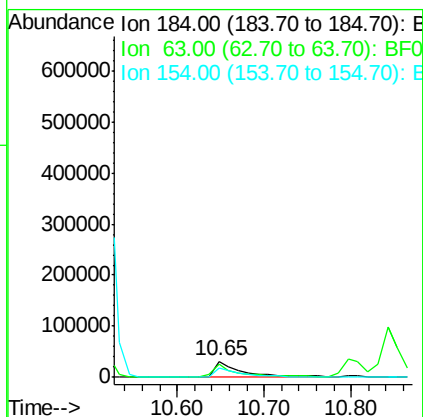
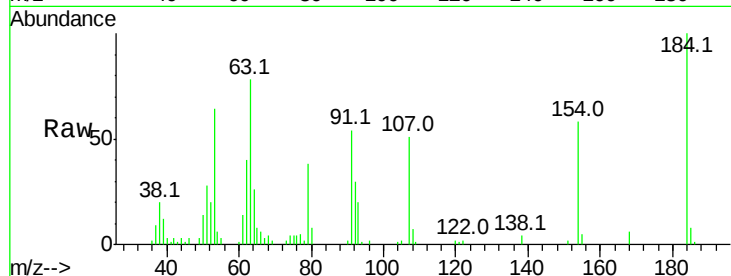
#53
 2,4-Dinitrophenol
 Concen: 31.21 ng
 RT: 10.65 min Scan# 784
 Delta R.T. 0.00 min
 Lab File: BF083501.D
 Acq: 5 Dec 2015 00:54

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC040

Manual Integrations
 APPROVED

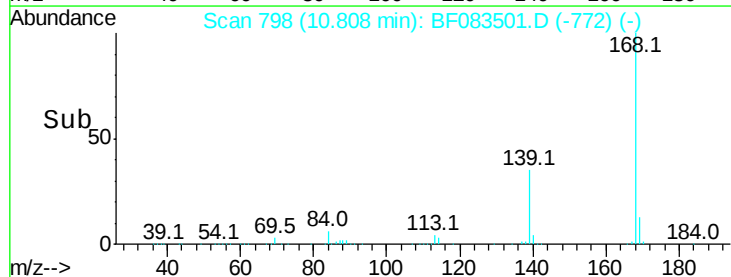
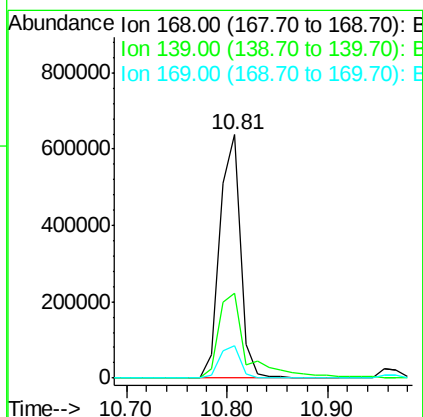
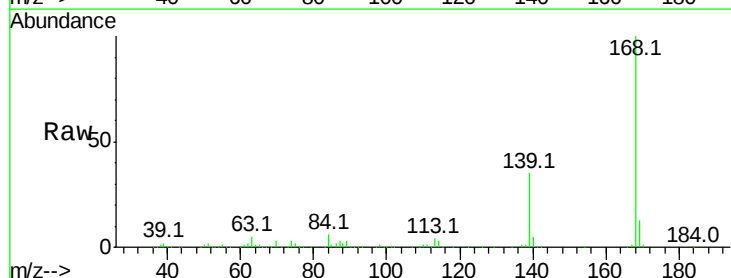
Mmdadoda
 12/7/2015 6:30:43 PM

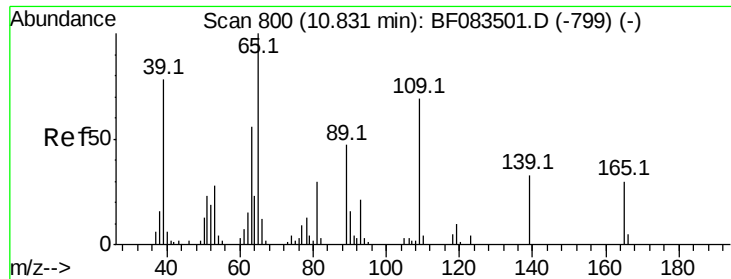
Tot Ion	Ratio	Lower	Upper
184	100		
63	78.0	62.4	93.6
154	58.2	46.6	69.8



#54
 Dibenzofuran
 Concen: 37.29 ng
 RT: 10.81 min Scan# 798
 Delta R.T. 0.00 min
 Lab File: BF083501.D
 Acq: 5 Dec 2015 00:54

Tgt Ion	Ratio	Lower	Upper
168	100		
139	35.0	28.0	42.0
169	13.5	10.8	16.2





#55

4-Nitrophenol

Concen: 32.50 ng/mL

RT: 10.83 min Scan# 800

Delta R.T. 0.00 min

Lab File: BF083501.D

Acq: 5 Dec 2015 00:54

Instrument :

BNA_F

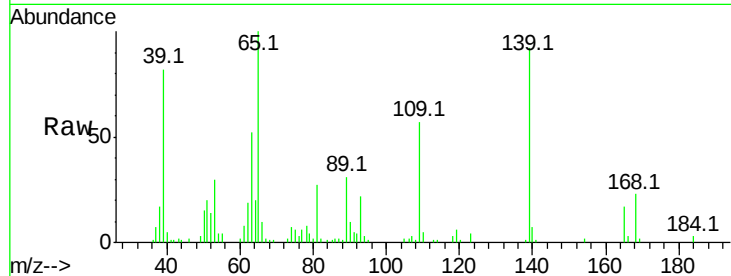
ClientSampleId :

SSTDICCC040

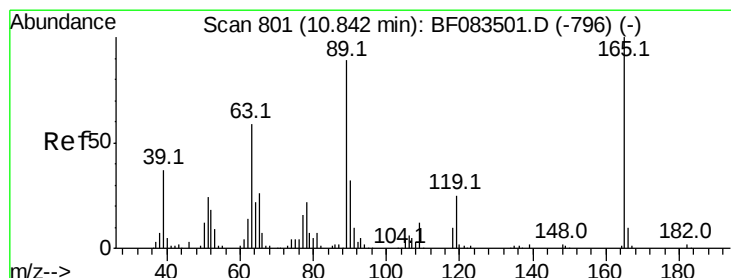
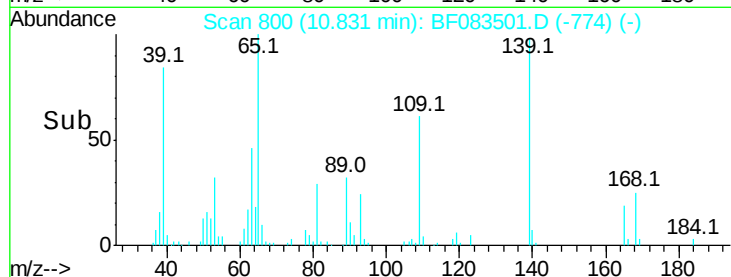
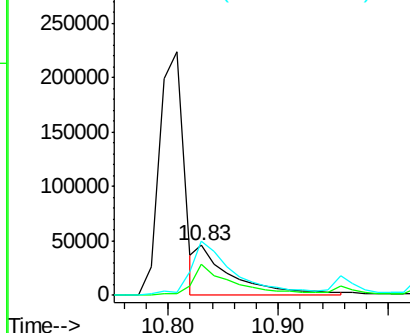
Manual Integrations
APPROVED

Mmdadoda
12/7/2015 6:30:43 PM

Tot Ion:	139	Resp:	105441
Ion Ratio	Lower	Upper	
139	100		
109	62.0	42.0	82.0
65	109.2	89.2	129.2



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: 39.54 ng/mL

RT: 10.84 min Scan# 801

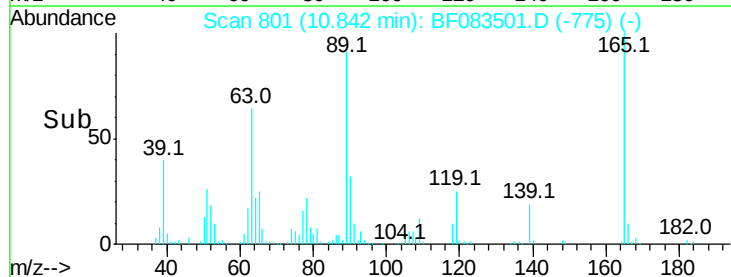
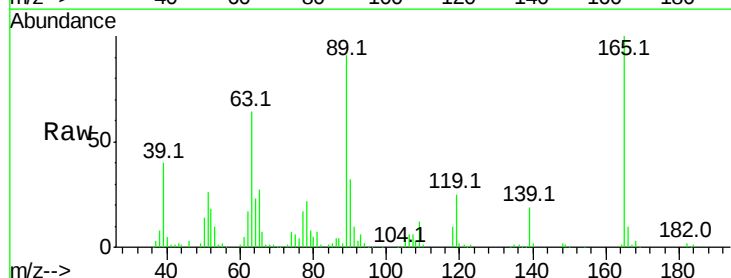
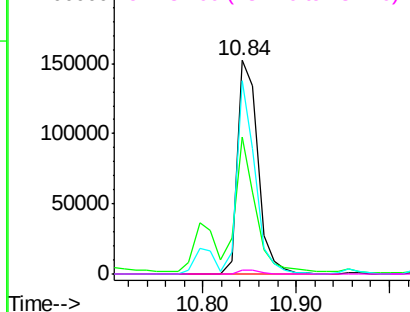
Delta R.T. 0.00 min

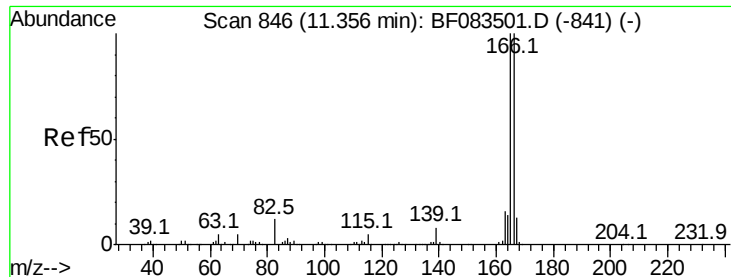
Lab File: BF083501.D

Acq: 5 Dec 2015 00:54

Tgt Ion:	165	Resp:	231486
Ion Ratio	Lower	Upper	
165	100		
63	64.3	51.4	77.2
89	90.7	72.6	108.8
182	1.7	1.4	2.0

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: 40.90 ng

RT: 11.36 min Scan# 846

Delta R.T. 0.00 min

Lab File: BF083501.D

Acq: 5 Dec 2015 00:54

Instrument :

BNA_F

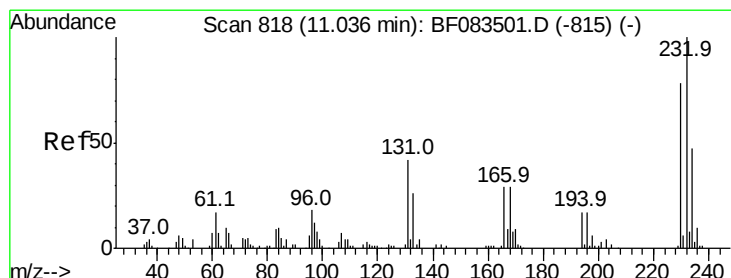
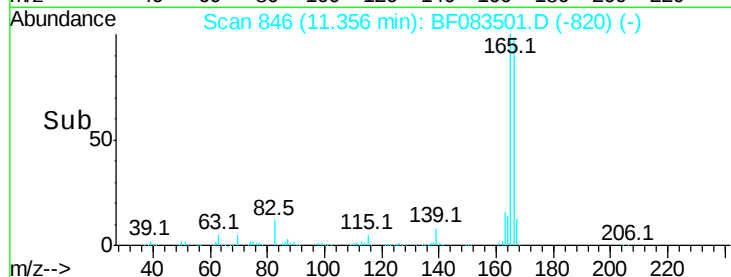
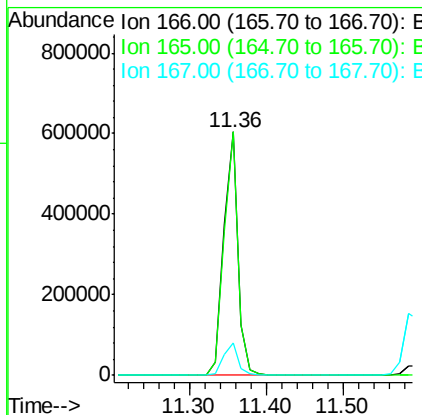
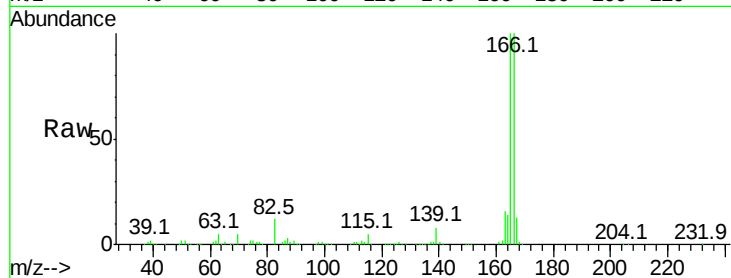
ClientSampleId :

SSTDICCC040

Manual Integrations
APPROVED

Mmdadoda
12/7/2015 6:30:43 PM

Tot Ion:	166	Resp:	797528
Ion Ratio	Lower	Upper	
166	100		
165	100.0	80.0	120.0
167	13.3	10.6	16.0



#58

2,3,4,6-Tetrachlorophenol

Concen: 34.78 ng

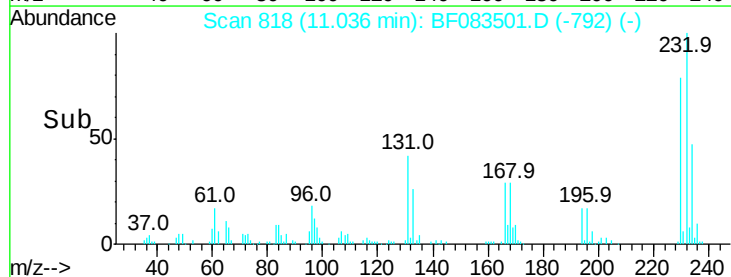
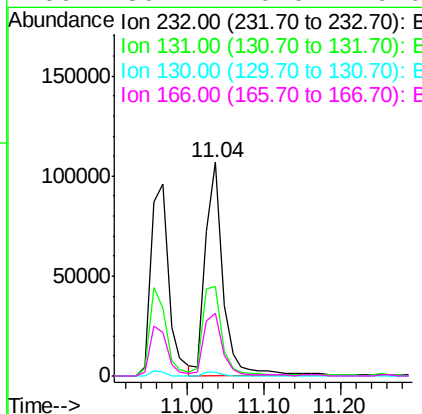
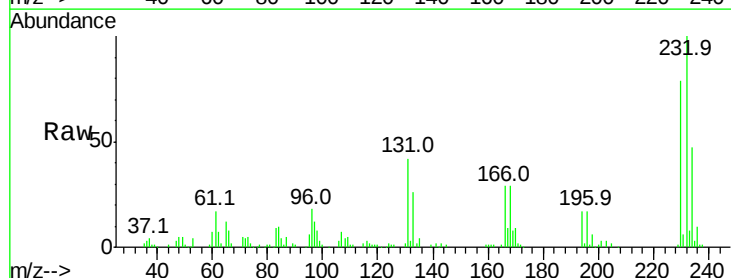
RT: 11.04 min Scan# 818

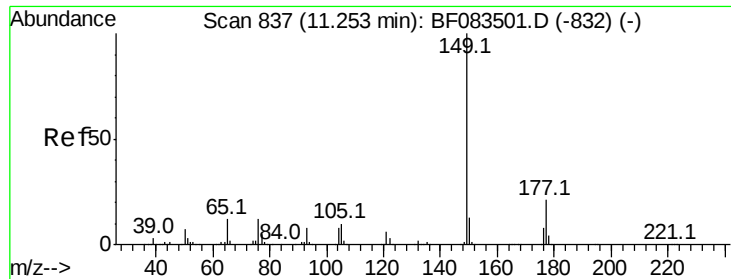
Delta R.T. 0.00 min

Lab File: BF083501.D

Acq: 5 Dec 2015 00:54

Tgt Ion:	232	Resp:	167879
Ion Ratio	Lower	Upper	
232	100		
131	45.5	0.0	0.0#
130	2.1	0.0	0.0#
166	30.7	0.0	0.0#





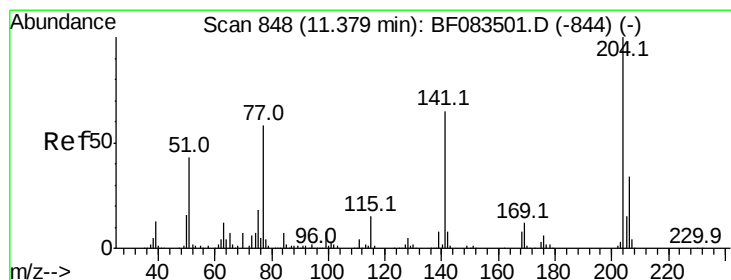
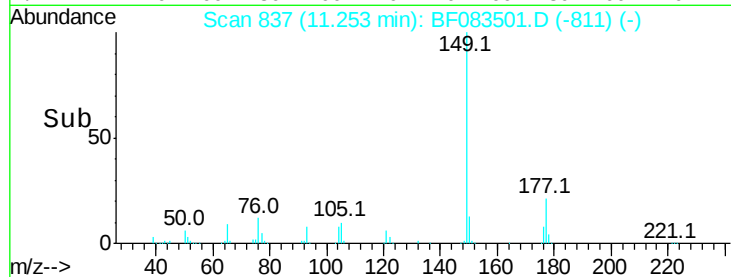
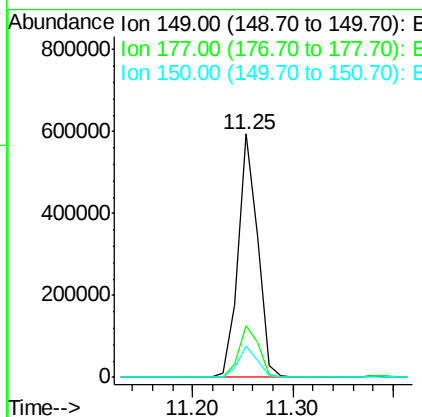
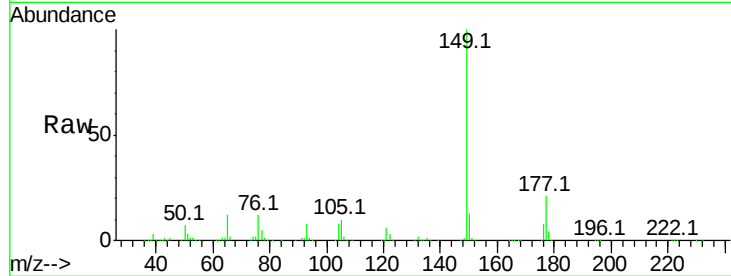
#59
Diethylphthalate
Concen: 38.89 ng
RT: 11.25 min Scan# 837
Delta R.T. 0.00 min
Lab File: BF083501.D
Acq: 5 Dec 2015 00:54

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tot Ion:	149	Resp:	800187
Ion Ratio		Lower	Upper
149	100		
177	21.1	16.9	25.3
150	12.8	10.2	15.4

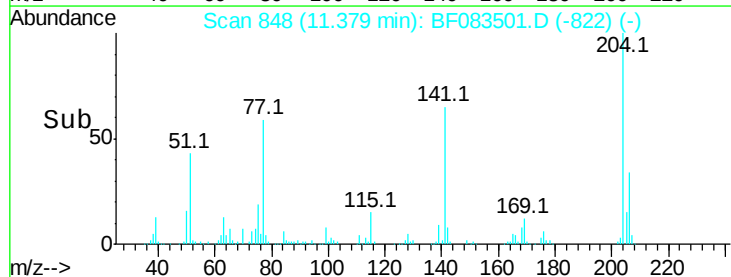
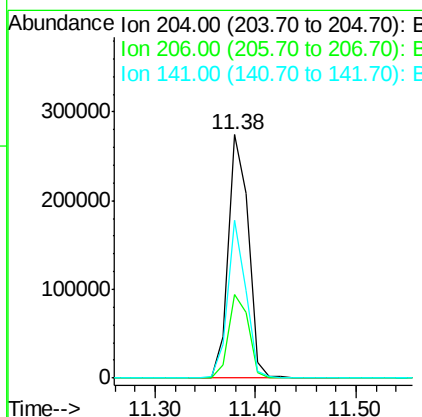
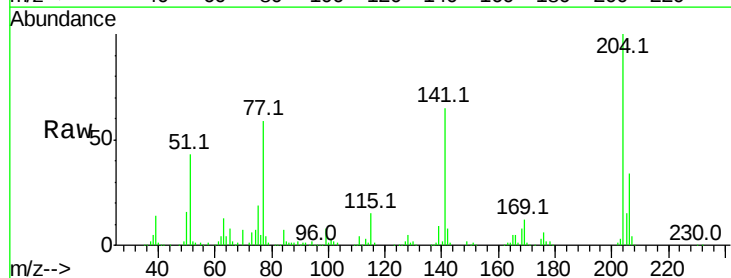
Manual Integrations
APPROVED

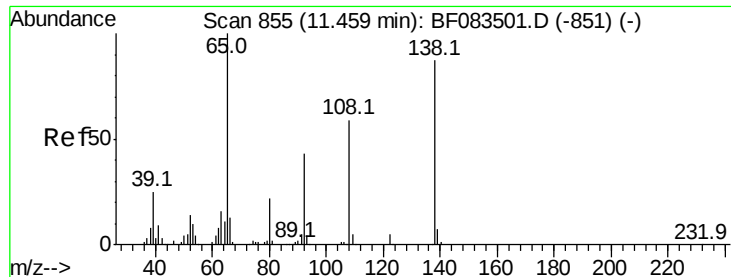
Mmdadoda
12/7/2015 6:30:43 PM



#60
4-Chlorophenyl-phenylether
Concen: 42.45 ng
RT: 11.38 min Scan# 848
Delta R.T. 0.00 min
Lab File: BF083501.D
Acq: 5 Dec 2015 00:54

Tgt Ion:	204	Resp:	380097
Ion Ratio		Lower	Upper
204	100		
206	34.1	27.3	40.9
141	64.9	51.9	77.9





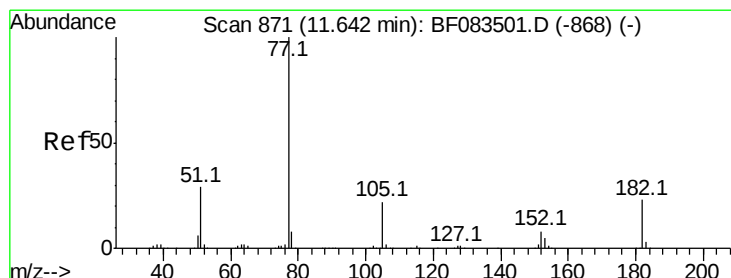
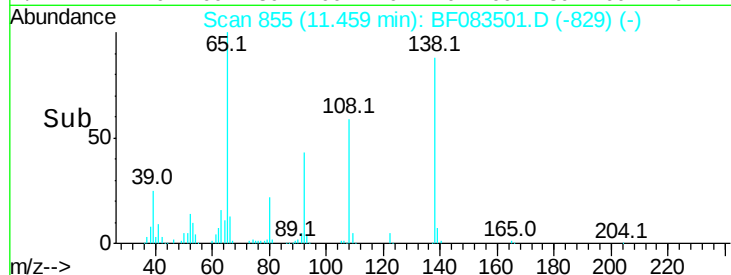
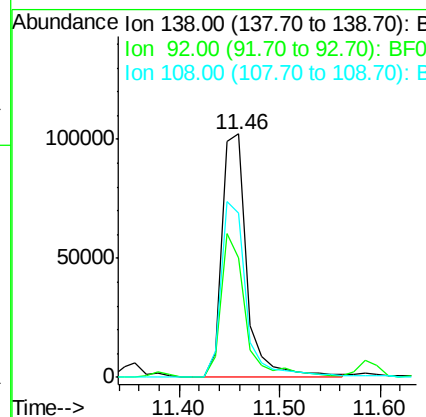
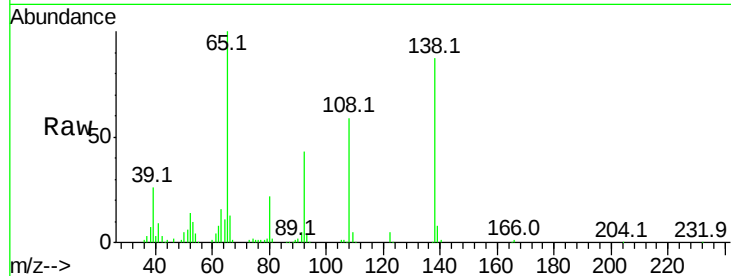
#61
4-Nitroaniline
Concen: 34.06 ng
RT: 11.46 min Scan# 855
Delta R.T. 0.00 min
Lab File: BF083501.D
Acq: 5 Dec 2015 00:54

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tot Ion	Ratio	Lower	Upper
138	100		
92	49.0	29.0	69.0
108	67.4	47.4	87.4

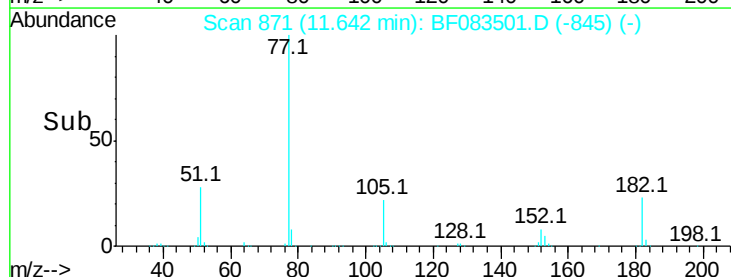
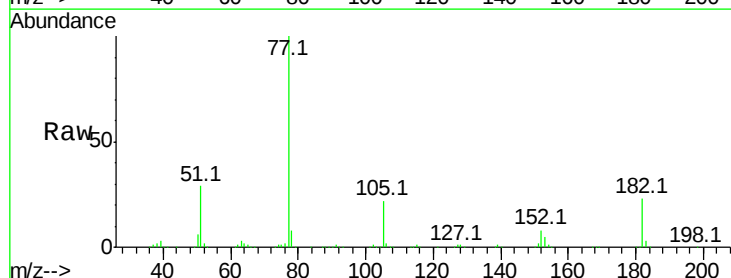
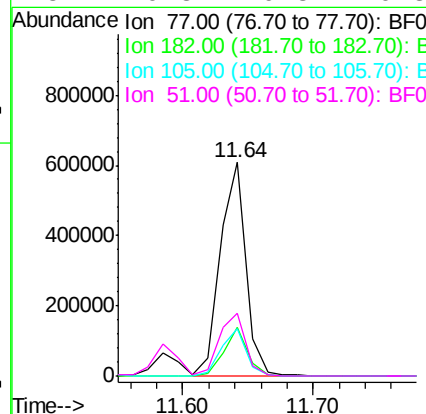
Manual Integrations
APPROVED

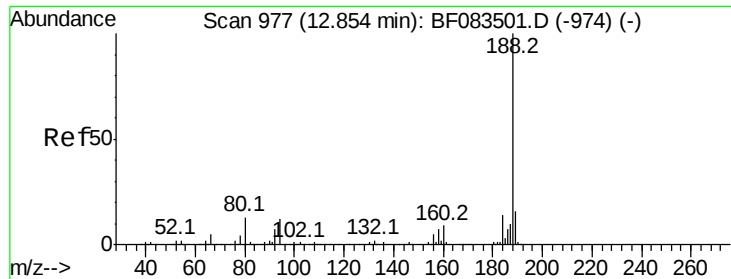
Mmdadoda
12/7/2015 6:30:43 PM



#62
Azobenzene
Concen: 34.33 ng
RT: 11.64 min Scan# 871
Delta R.T. 0.00 min
Lab File: BF083501.D
Acq: 5 Dec 2015 00:54

Tgt Ion	Ratio	Lower	Upper
77	100		
182	22.5	2.5	42.5
105	22.1	2.1	42.1
51	29.3	9.3	49.3





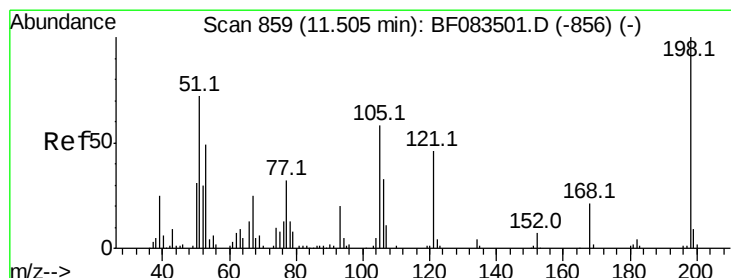
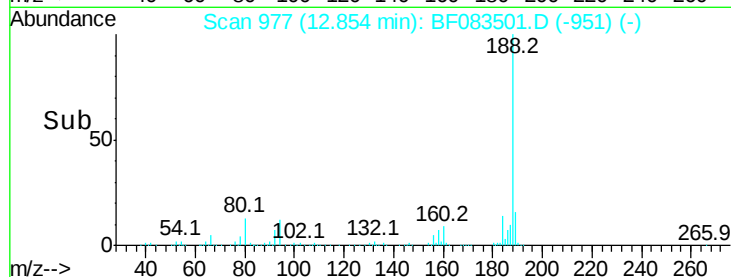
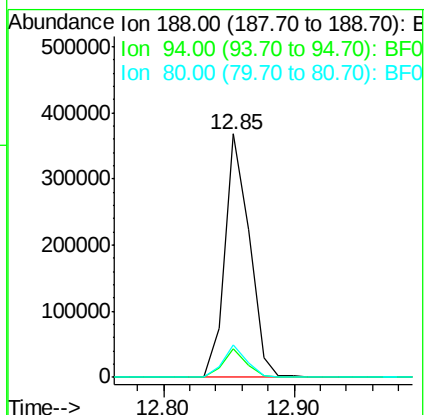
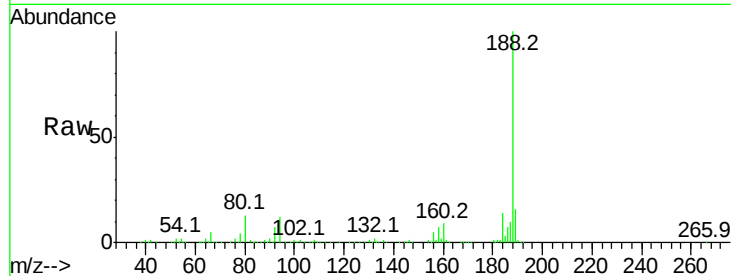
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.85 min Scan# 977
Delta R.T. 0.00 min
Lab File: BF083501.D
Acq: 5 Dec 2015 00:54

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tot Ion	Ratio	Resp	Lower	Upper
188	100	481840		
94	11.8		9.4	14.2
80	13.3		10.6	16.0

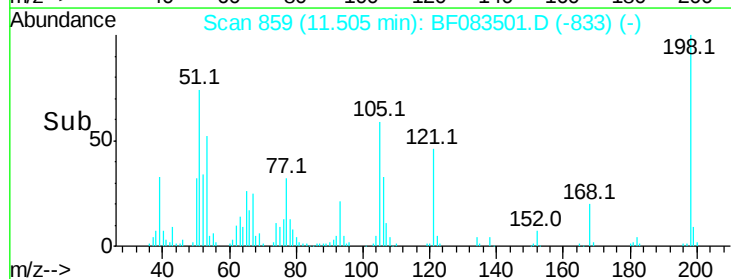
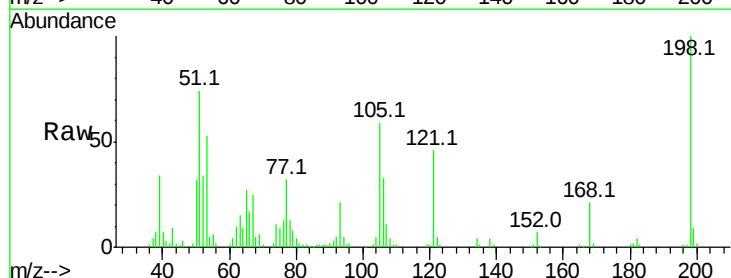
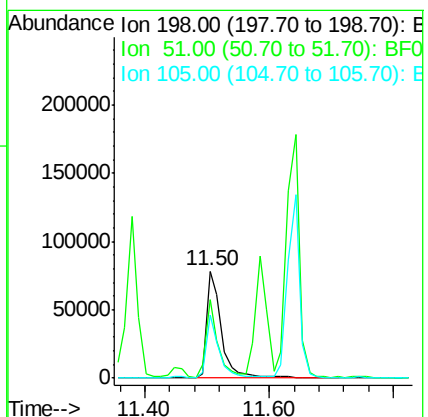
Manual Integrations
APPROVED

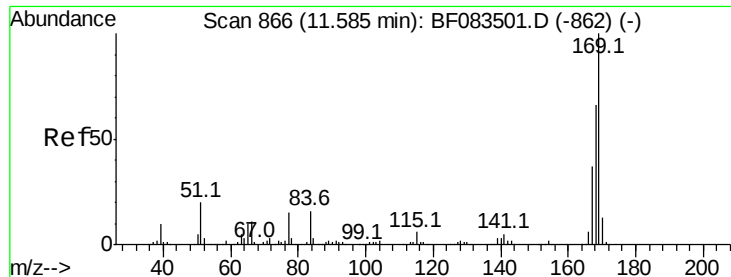
Mmdadoda
12/7/2015 6:30:43 PM



#64
4,6-Dinitro-2-methylphenol
Concen: 40.08 ng
RT: 11.50 min Scan# 859
Delta R.T. 0.00 min
Lab File: BF083501.D
Acq: 5 Dec 2015 00:54

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	127594		
51	73.8		53.8	93.8
105	58.6		38.6	78.6





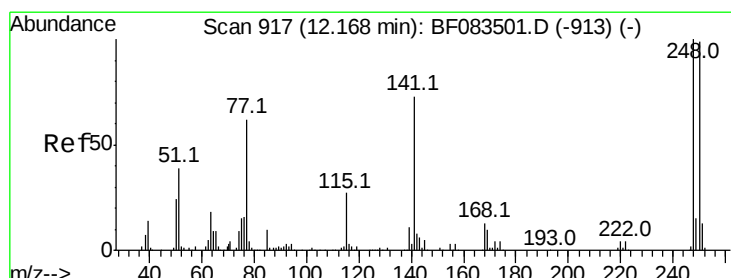
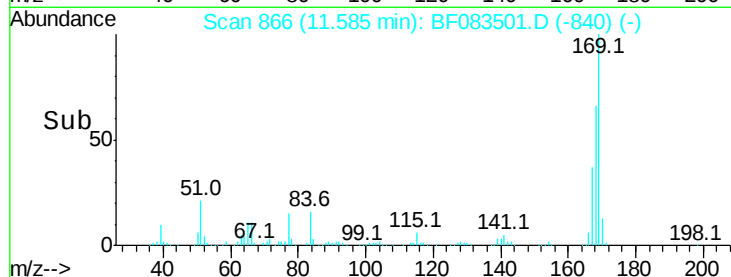
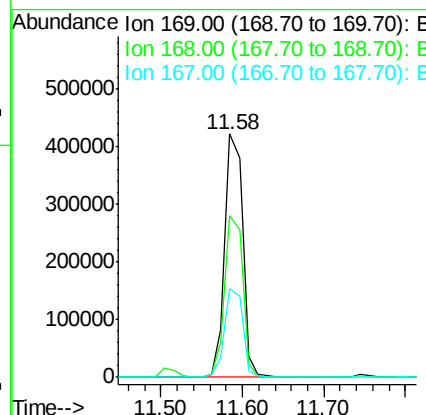
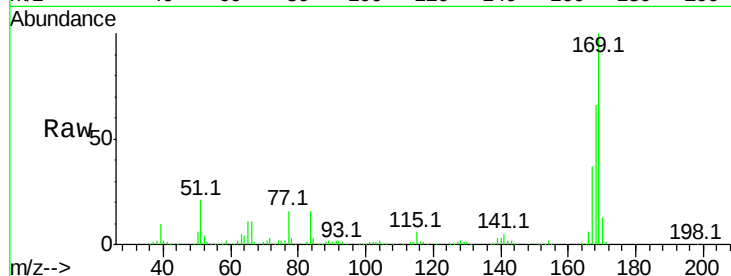
#65
n-Nitrosodiphenylamine
Concen: 38.31 ng
RT: 11.58 min Scan# 866
Delta R.T. 0.00 min
Lab File: BF083501.D
Acq: 5 Dec 2015 00:54

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tot Ion	Ratio	Lower	Upper
169	100		
168	66.3	53.0	79.6
167	36.6	29.3	43.9

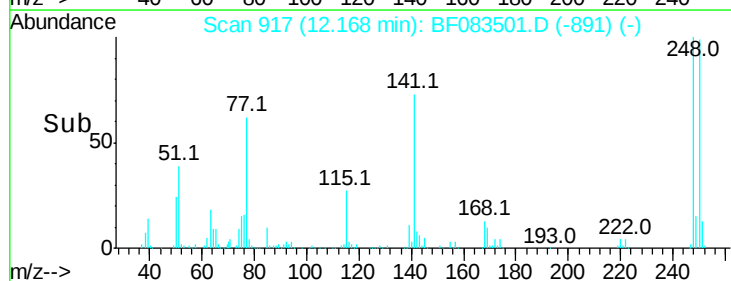
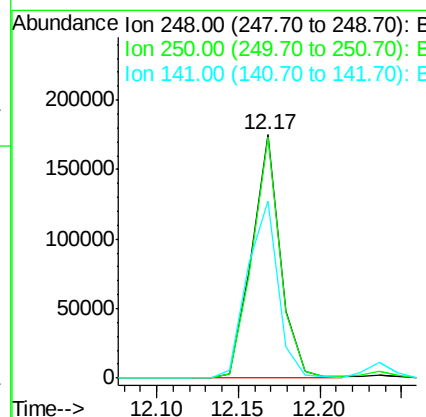
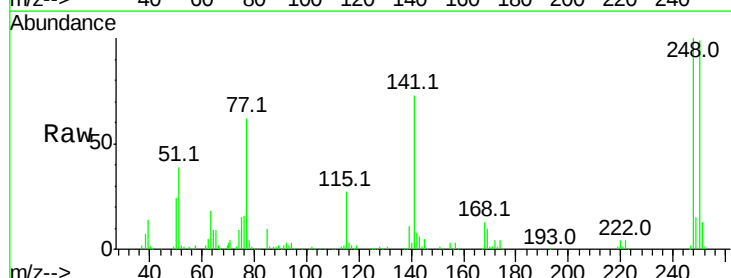
Manual Integrations
APPROVED

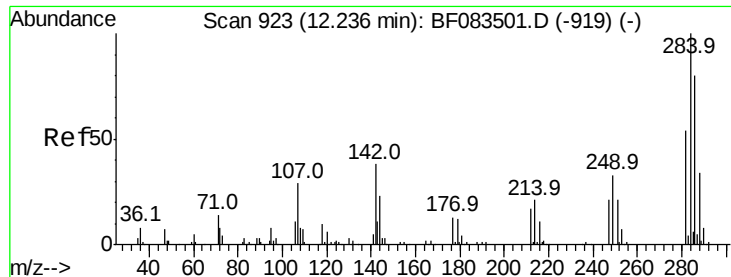
Mmdadoda
12/7/2015 6:30:43 PM



#66
4-Bromophenyl-phenylether
Concen: 40.25 ng
RT: 12.17 min Scan# 917
Delta R.T. 0.00 min
Lab File: BF083501.D
Acq: 5 Dec 2015 00:54

Tgt Ion	Ratio	Lower	Upper
248	100		
250	99.0	79.2	118.8
141	72.8	58.2	87.4





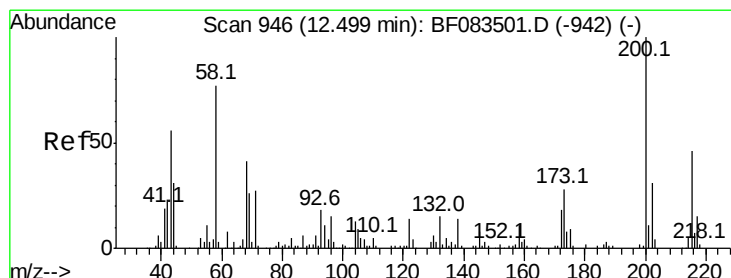
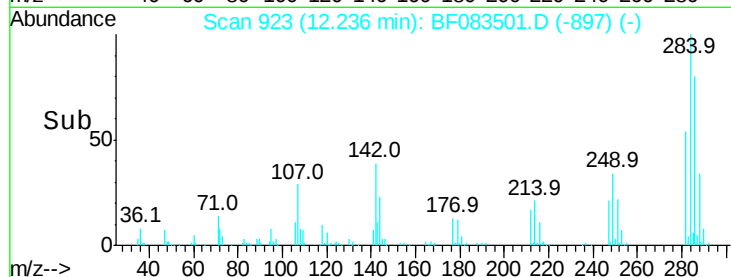
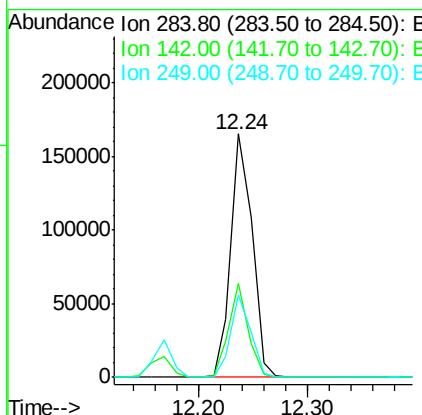
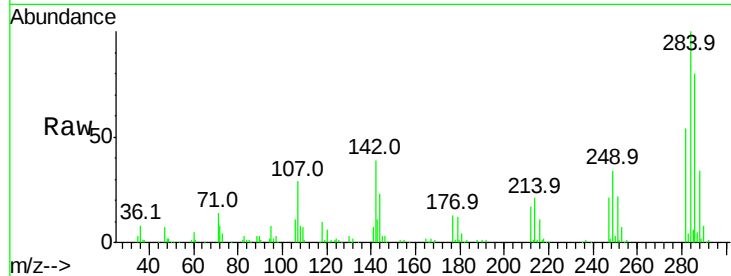
#67
Hexachlorobenzene
Concen: 38.58 ng
RT: 12.24 min Scan# 923
Delta R.T. 0.00 min
Lab File: BF083501.D
Acq: 5 Dec 2015 00:54

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tot Ion	Ratio	Resp	Lower	Upper
284	100	224050		
142	38.7	31.0	46.4	
249	33.6	26.9	40.3	

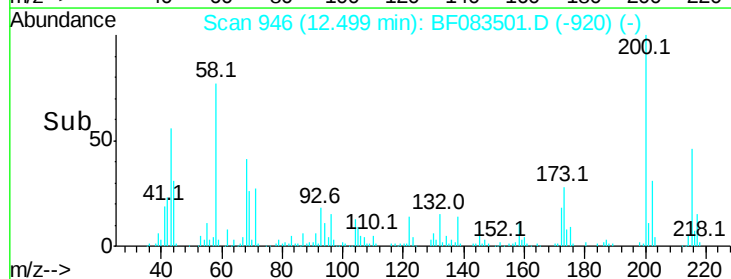
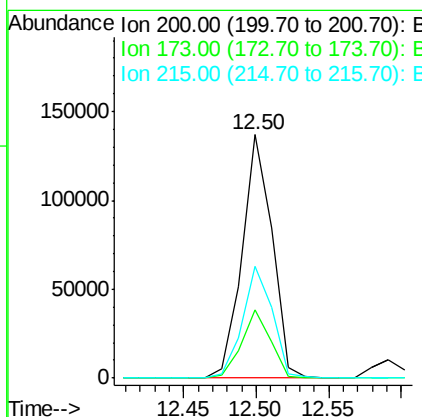
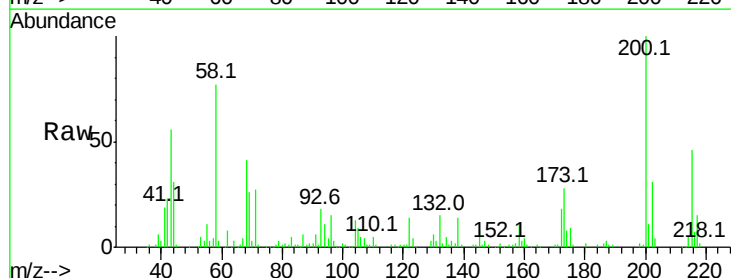
Manual Integrations
APPROVED

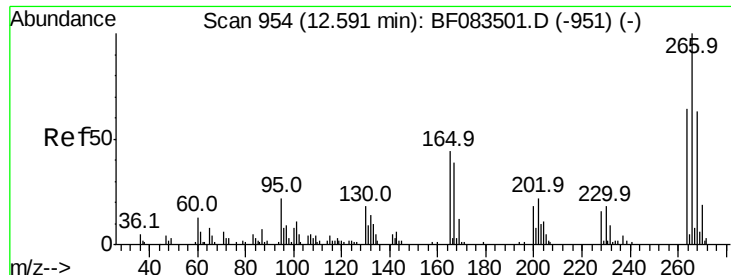
Mmdadoda
12/7/2015 6:30:43 PM



#68
Atrazine
Concen: 41.10 ng
RT: 12.50 min Scan# 946
Delta R.T. 0.00 min
Lab File: BF083501.D
Acq: 5 Dec 2015 00:54

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	196562		
173	27.8	7.8	47.8	
215	45.7	25.7	65.7	





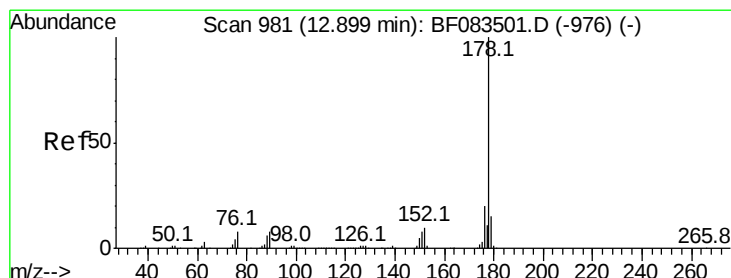
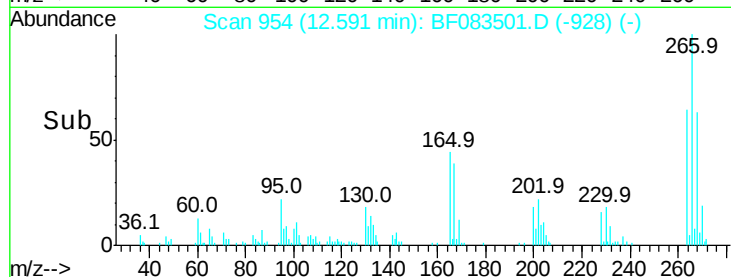
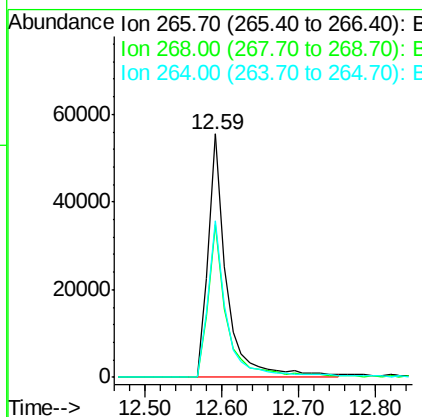
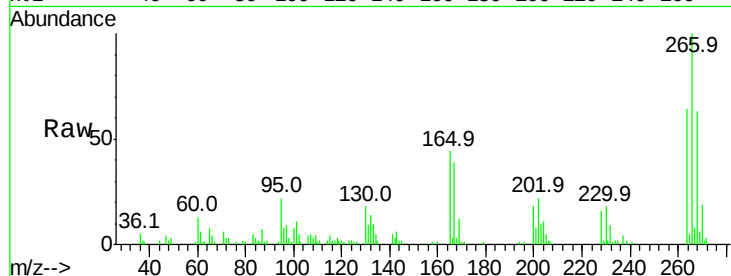
#69
 Pentachlorophenol
 Concen: 31.60 ng
 RT: 12.59 min Scan# 954
 Delta R.T. 0.00 min
 Lab File: BF083501.D
 Acq: 5 Dec 2015 00:54

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC040

Tot Ion	Ratio	Resp	Lower	Upper
266	100	92971		
268	62.7	50.2	75.2	
264	64.3	51.4	77.2	

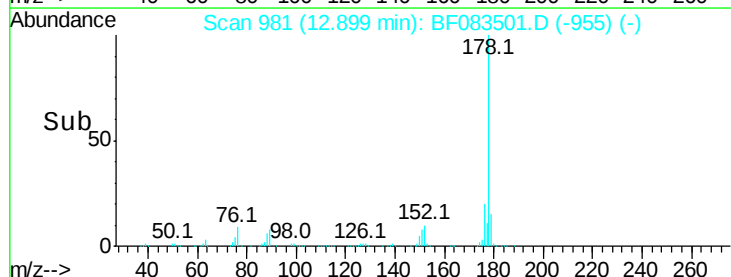
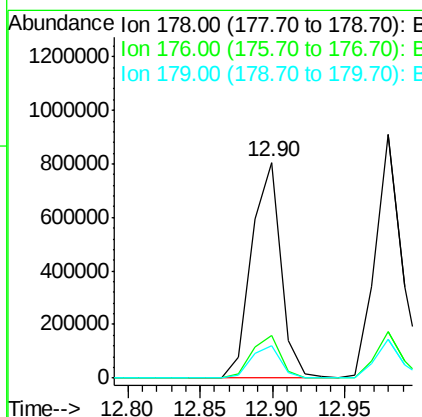
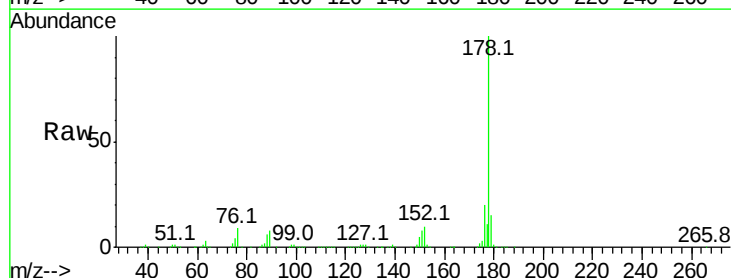
Manual Integrations
 APPROVED

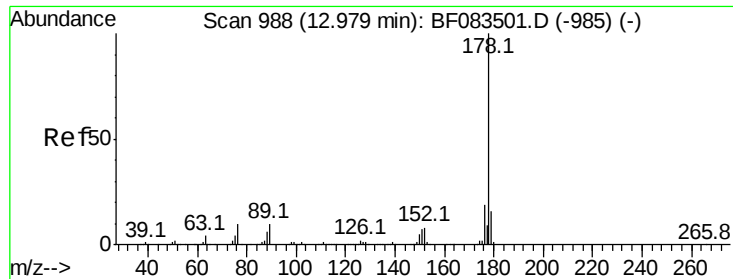
Mmdadoda
 12/7/2015 6:30:43 PM



#70
 Phenanthrene
 Concen: 39.51 ng
 RT: 12.90 min Scan# 981
 Delta R.T. 0.00 min
 Lab File: BF083501.D
 Acq: 5 Dec 2015 00:54

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	1128460		
176	19.6	15.7	23.5	
179	15.3	12.2	18.4	





#71
 Anthracene
 Concen: 40.14 ng
 RT: 12.98 min Scan# 988
 Delta R.T. 0.00 min
 Lab File: BF083501.D
 Acq: 5 Dec 2015 00:54

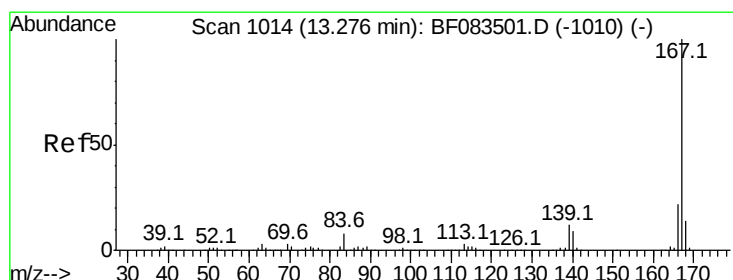
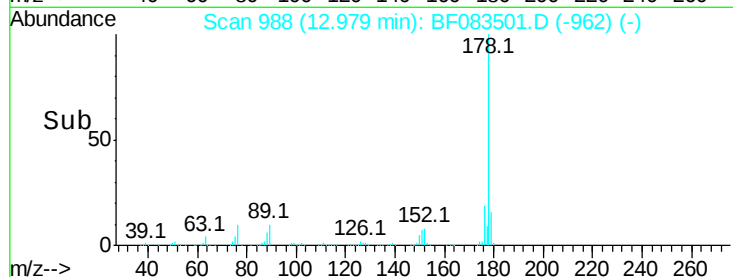
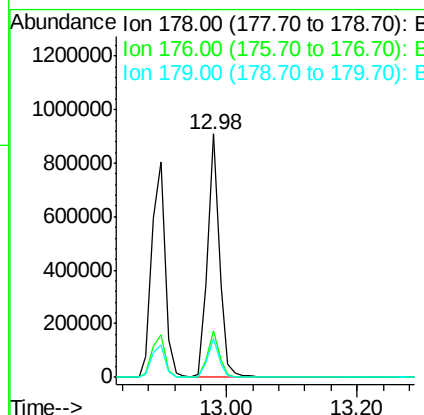
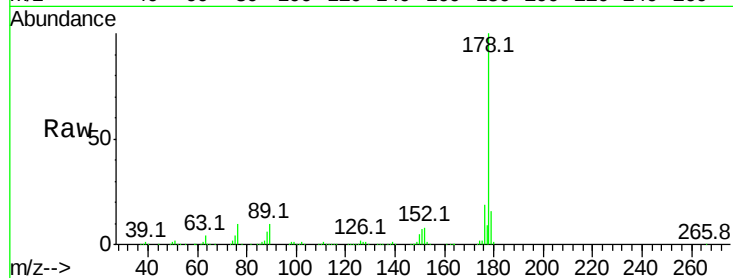
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC040

Tot Ion:178 Resp: 1158103

Ion	Ratio	Lower	Upper
178	100		
176	19.0	15.2	22.8
179	15.7	12.6	18.8

Manual Integrations
 APPROVED

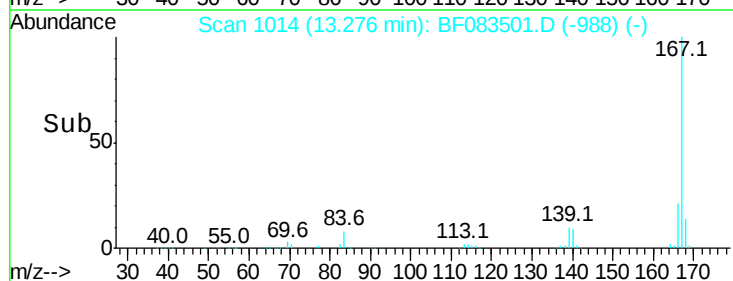
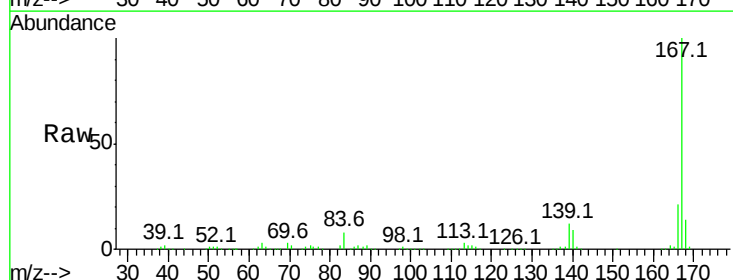
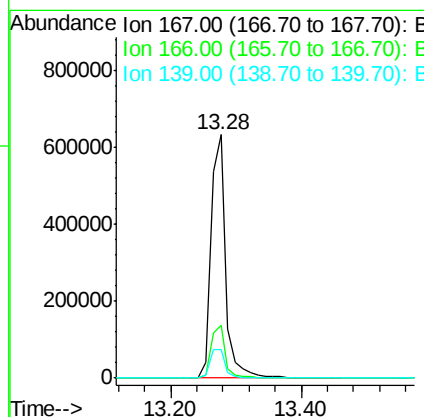
Mmdadoda
 12/7/2015 6:30:43 PM

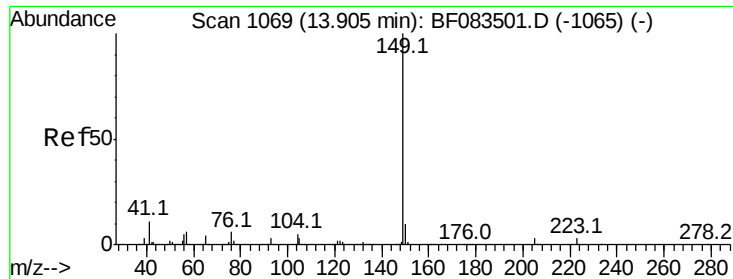


#72
 Carbazole
 Concen: 38.63 ng
 RT: 13.28 min Scan# 1014
 Delta R.T. 0.00 min
 Lab File: BF083501.D
 Acq: 5 Dec 2015 00:54

Tgt Ion:167 Resp: 996039

Ion	Ratio	Lower	Upper
167	100		
166	21.5	17.2	25.8
139	11.6	9.3	13.9





#73

Di-n-butylphthalate

Concen: 39.56 ng

RT: 13.91 min Scan# 1069

Delta R.T. 0.00 min

Lab File: BF083501.D

Acq: 5 Dec 2015 00:54

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

Tot Ion:149 Resp: 1216358

Ion Ratio Lower Upper

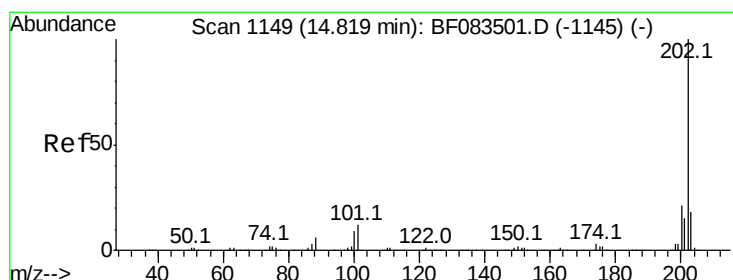
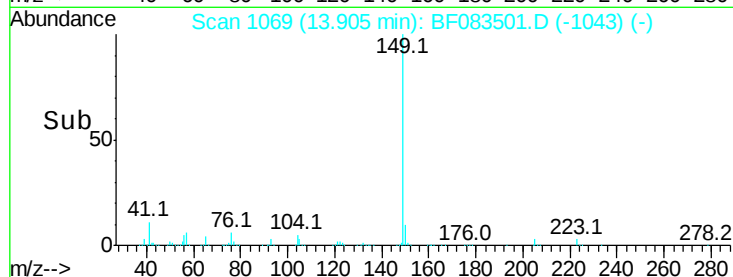
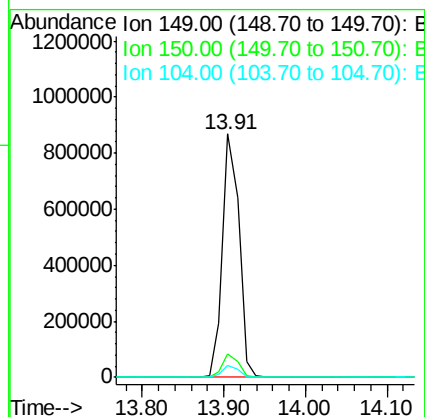
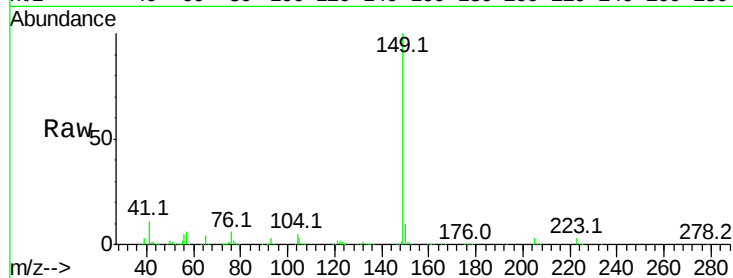
149 100

150 9.7 7.8 11.6

104 4.9 3.9 5.9

Manual Integrations
APPROVED

Mmdadoda
12/7/2015 6:30:43 PM



#74

Fluoranthene

Concen: 38.29 ng

RT: 14.82 min Scan# 1149

Delta R.T. 0.00 min

Lab File: BF083501.D

Acq: 5 Dec 2015 00:54

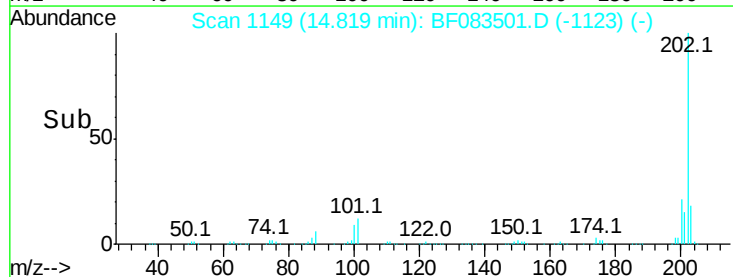
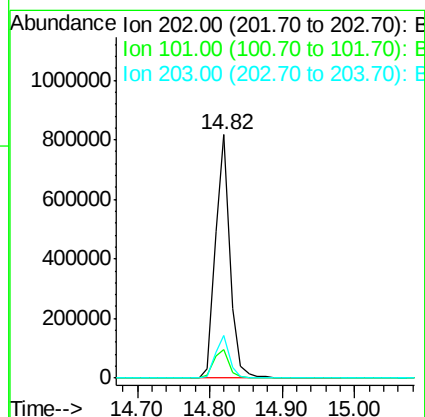
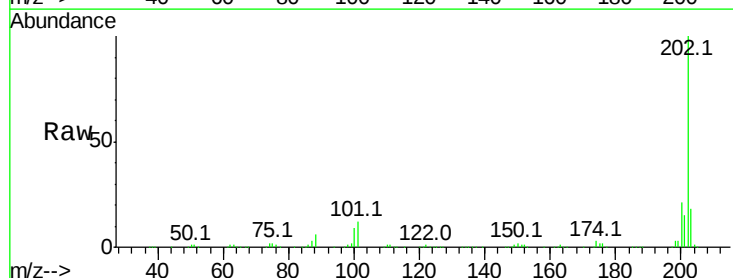
Tgt Ion:202 Resp: 1130954

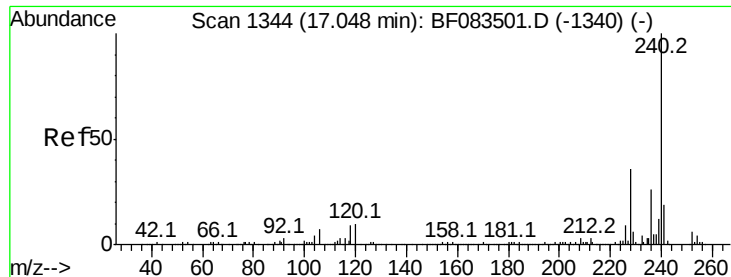
Ion Ratio Lower Upper

202 100

101 11.5 0.0 31.5

203 17.6 0.0 37.6





#75

Chrysene-d12

Concen: 20.00 ng

RT: 17.05 min Scan# 1344

Delta R.T. 0.00 min

Lab File: BF083501.D

Acq: 5 Dec 2015 00:54

Instrument :

BNA_F

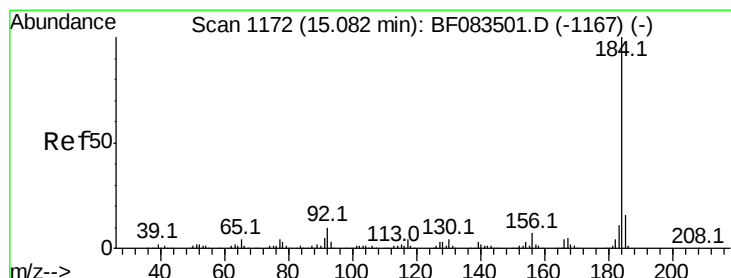
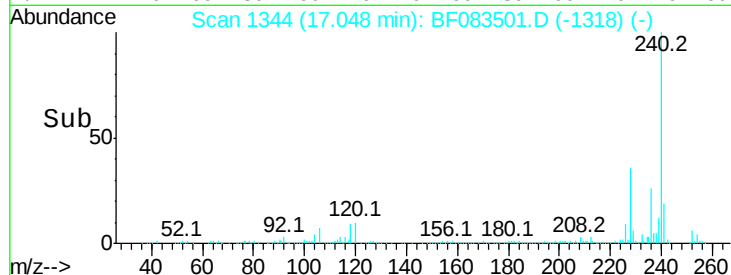
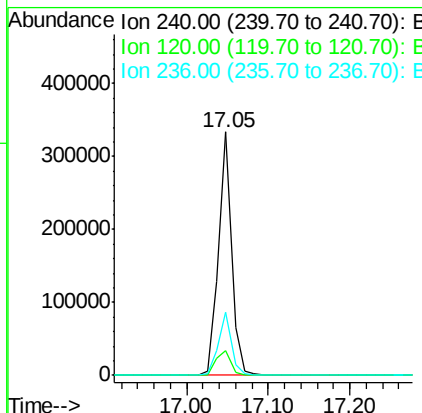
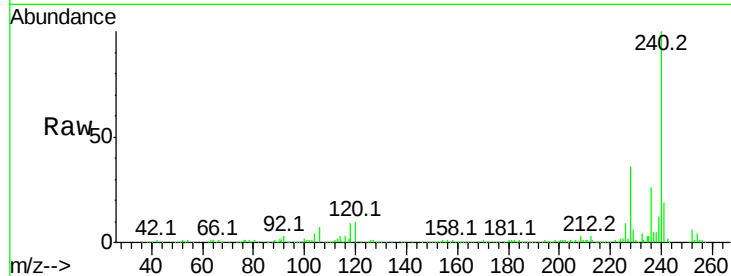
ClientSampleId :

SSTDICCC040

Tot Ion:	240	Resp:	373109
Ion Ratio	Lower	Upper	
240	100		
120	10.1	8.1	12.1
236	26.0	20.8	31.2

Manual Integrations
APPROVED

Mmdadoda
12/7/2015 6:30:43 PM



#76

Benzidine

Concen: 48.64 ng

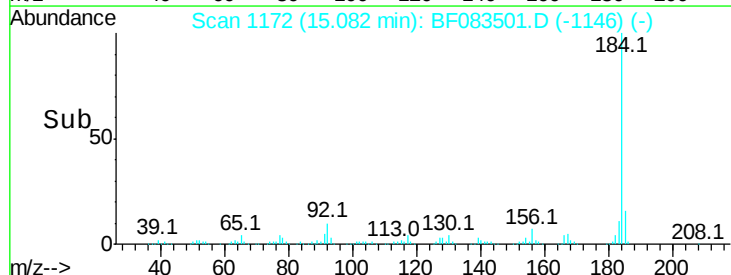
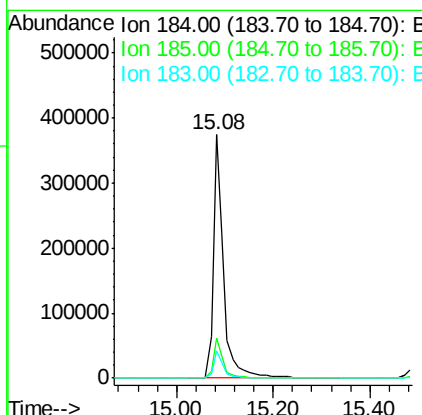
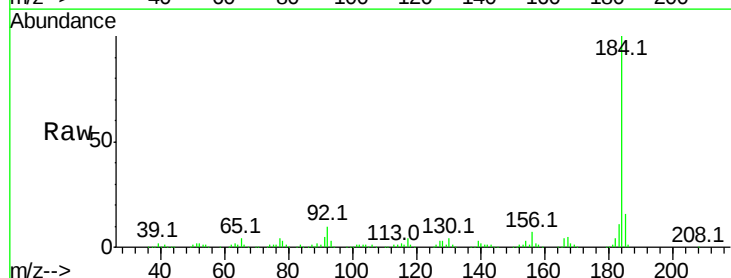
RT: 15.08 min Scan# 1172

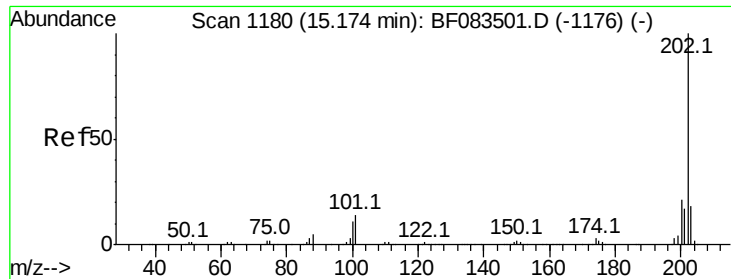
Delta R.T. 0.00 min

Lab File: BF083501.D

Acq: 5 Dec 2015 00:54

Tgt Ion:	184	Resp:	561840
Ion Ratio	Lower	Upper	
184	100		
185	16.3	13.0	19.6
183	11.2	9.0	13.4





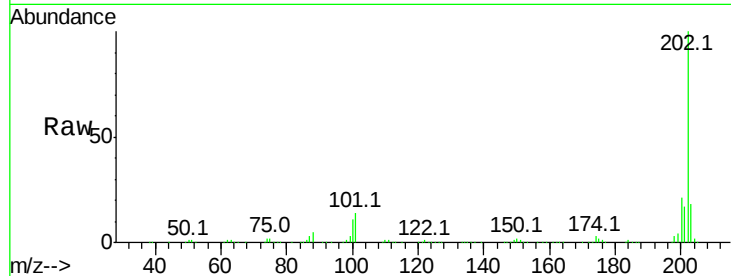
#77
Pvrene
Concen: 43.12 ng
RT: 15.17 min Scan# 1180
Delta R.T. 0.00 min
Lab File: BF083501.D
Acq: 5 Dec 2015 00:54

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tot Ion	Ratio	Lower	Upper
202	100		
200	20.9	16.7	25.1
203	17.9	14.3	21.5

Manual Integrations
APPROVED

Mmdadoda
12/7/2015 6:30:43 PM

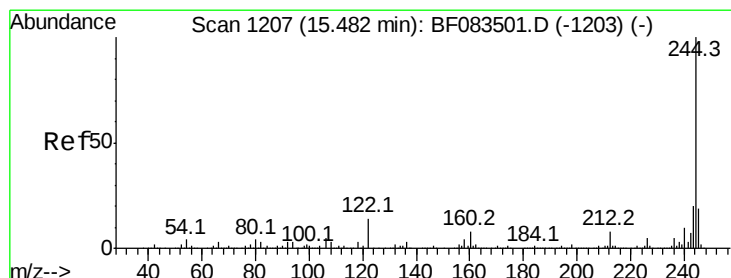
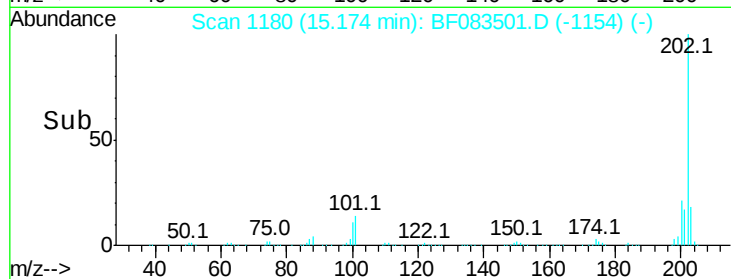
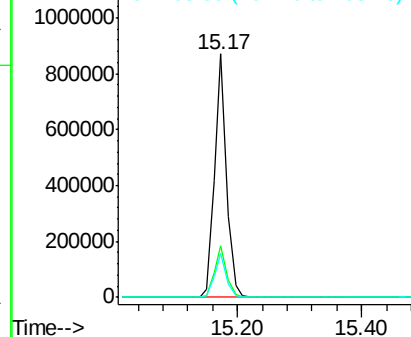


Abundance

Ion 202.00 (201.70 to 202.70): E

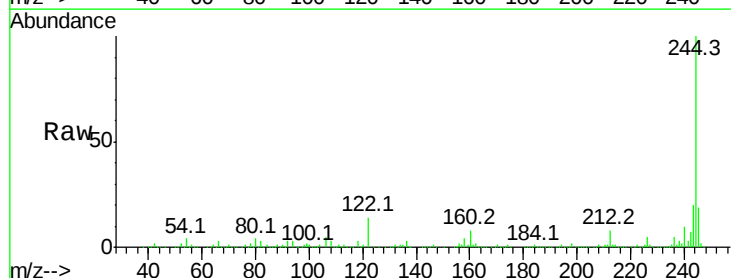
Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78
Terphenyl-d14
Concen: 85.37 ng
RT: 15.48 min Scan# 1207
Delta R.T. 0.00 min
Lab File: BF083501.D
Acq: 5 Dec 2015 00:54

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.6	6.1	9.1
122	13.8	11.0	16.6

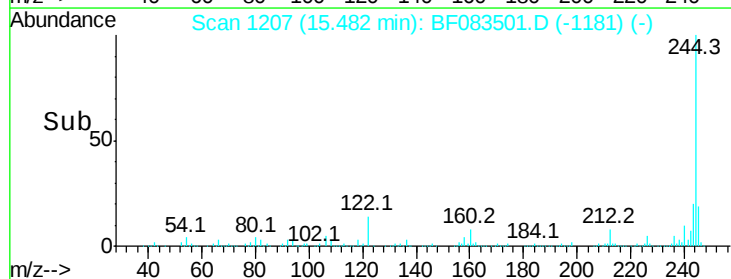
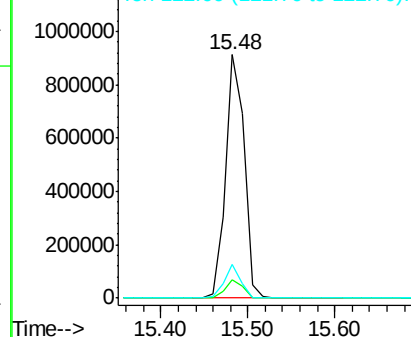


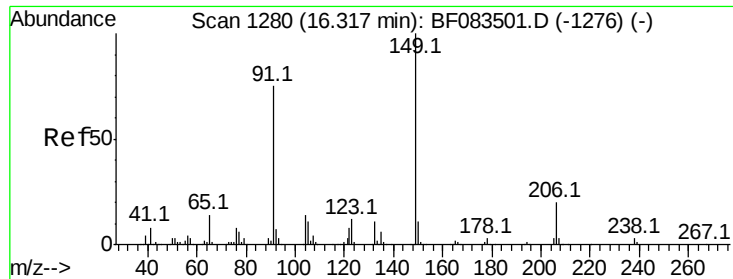
Abundance

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





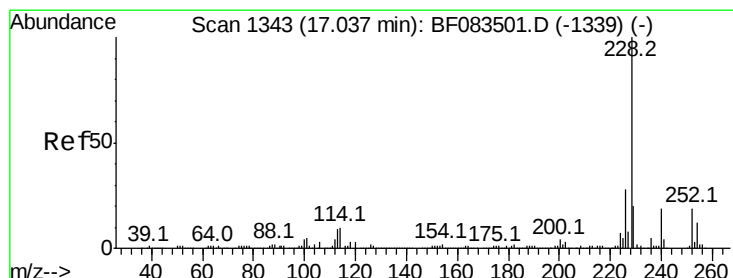
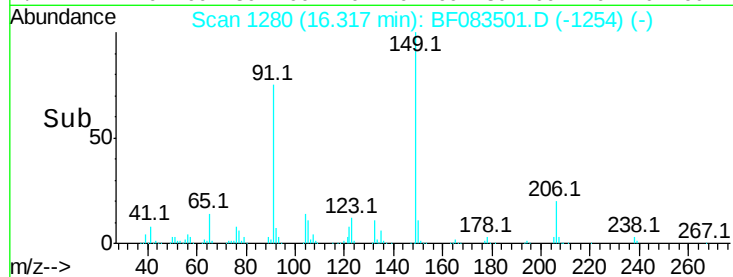
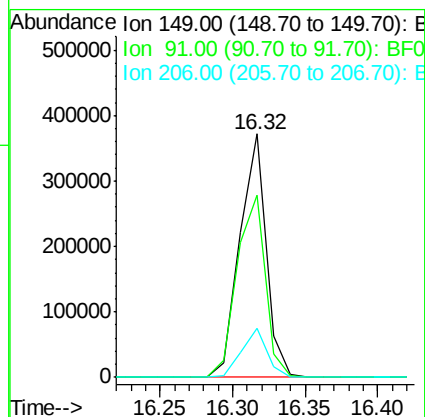
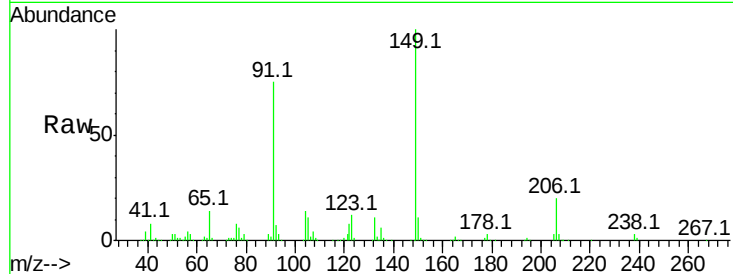
#79
Butylbenzylphthalate
Concen: 41.76 ng
RT: 16.32 min Scan# 1280
Delta R.T. 0.00 min
Lab File: BF083501.D
Acq: 5 Dec 2015 00:54

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tot Ion	Ratio	Resp	Lower	Upper
149	100	469828		
91	75.0	60.0	90.0	
206	20.3	16.2	24.4	

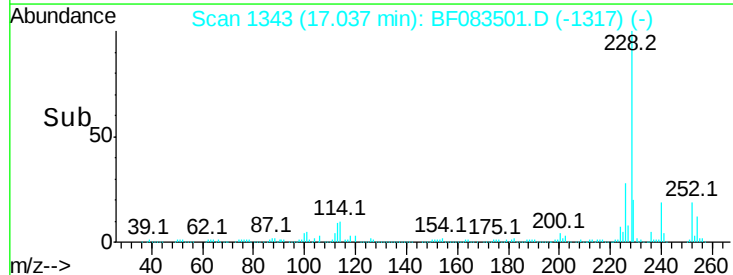
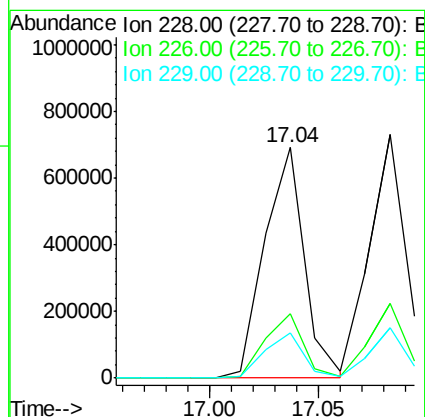
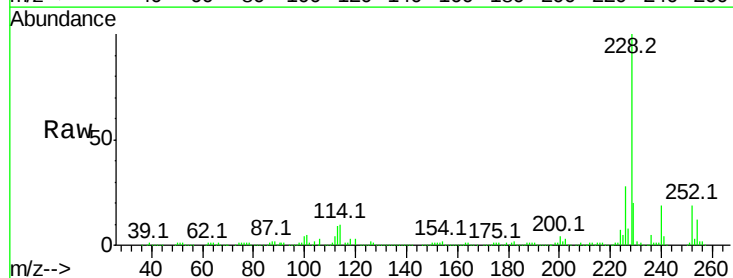
Manual Integrations
APPROVED

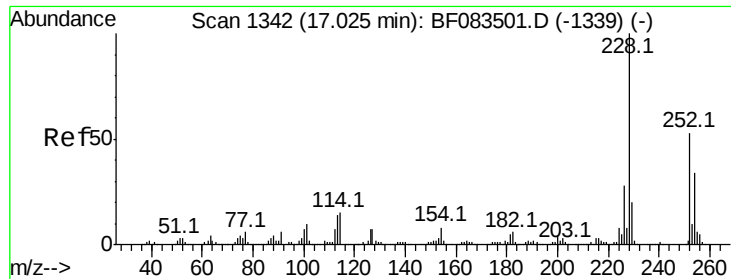
Mmdadoda
12/7/2015 6:30:43 PM



#80
Benzo(a)anthracene
Concen: 38.64 ng
RT: 17.04 min Scan# 1343
Delta R.T. 0.00 min
Lab File: BF083501.D
Acq: 5 Dec 2015 00:54

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	883479		
226	27.9	22.3	33.5	
229	19.6	15.7	23.5	





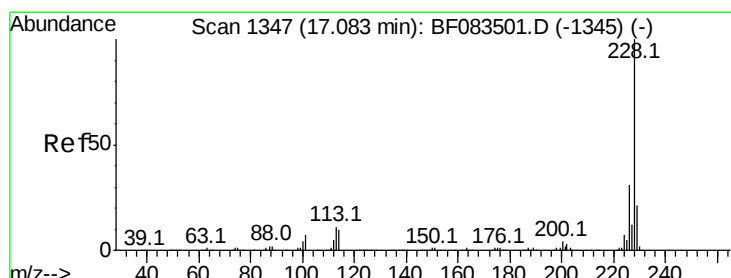
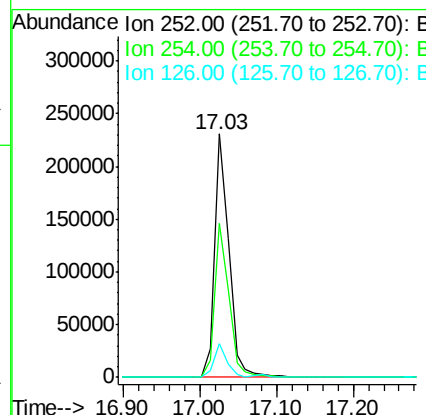
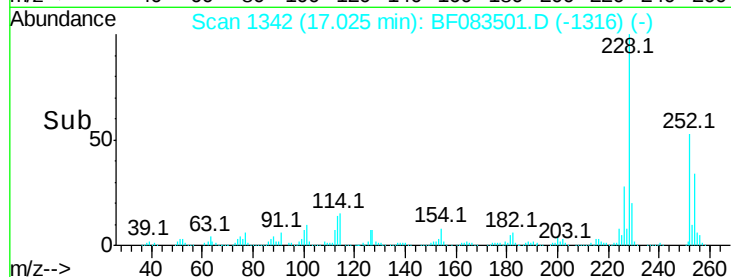
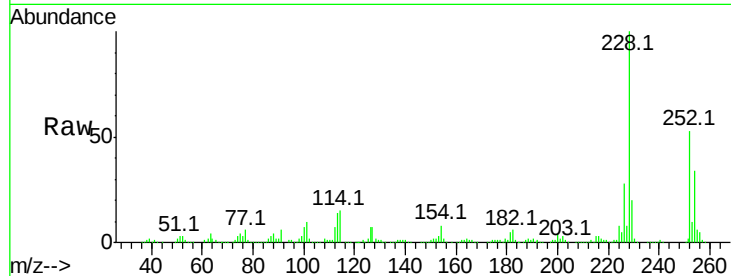
#81
 3,3'-Dichlorobenzidine
 Concen: 41.22 ng
 RT: 17.03 min Scan# 1342
 Delta R.T. 0.00 min
 Lab File: BF083501.D
 Acq: 5 Dec 2015 00:54

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC040

Tot Ion	Ratio	Resp	Lower	Upper
252	100	295991		
254	63.3	50.6	76.0	
126	13.7	11.0	16.4	

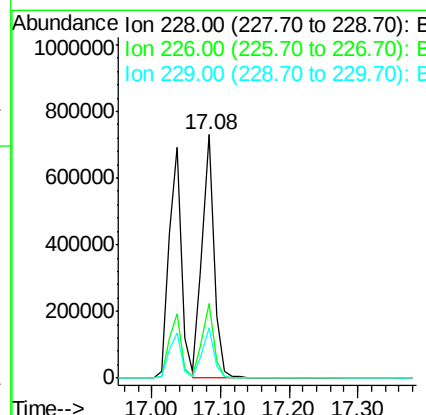
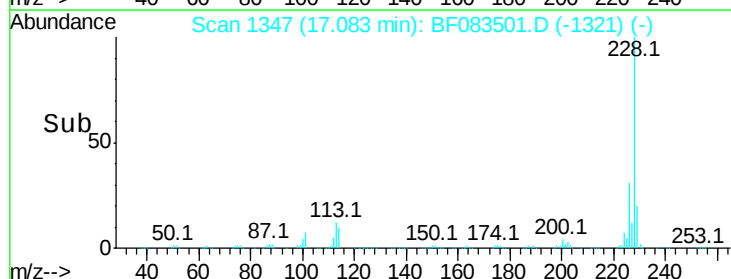
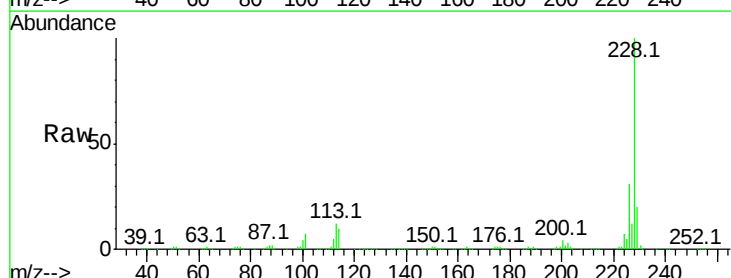
Manual Integrations
 APPROVED

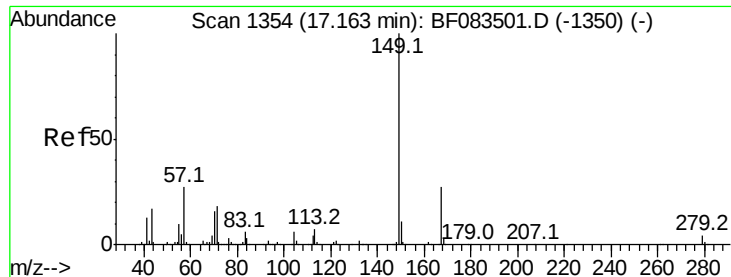
Mmdadoda
 12/7/2015 6:30:43 PM



#82
 Chrysene
 Concen: 39.26 ng
 RT: 17.08 min Scan# 1347
 Delta R.T. 0.00 min
 Lab File: BF083501.D
 Acq: 5 Dec 2015 00:54

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	873993		
226	30.9	24.7	37.1	
229	20.4	16.3	24.5	





#83

Bis(2-ethylhexyl)phthalate

Concen: 40.36 ng

RT: 17.16 min Scan# 1354

Delta R.T. 0.00 min

Lab File: BF083501.D

Acq: 5 Dec 2015 00:54

Instrument :

BNA_F

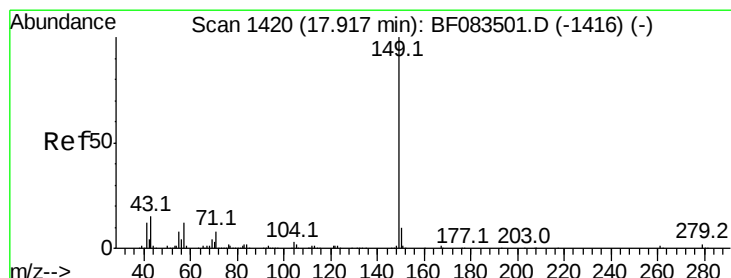
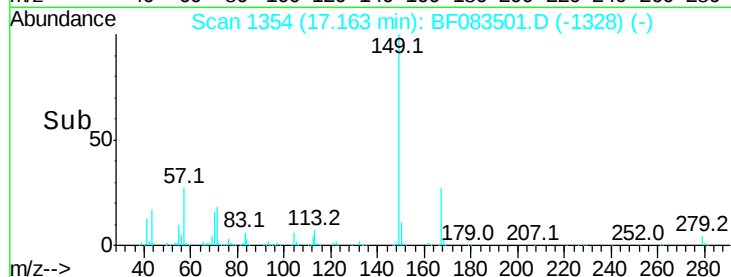
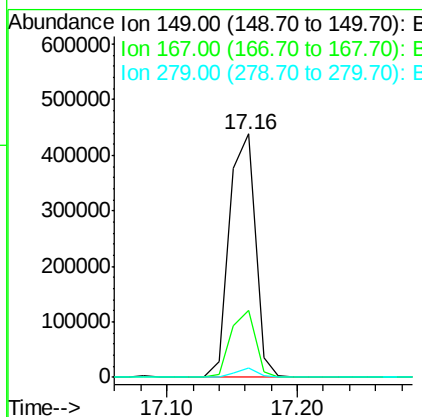
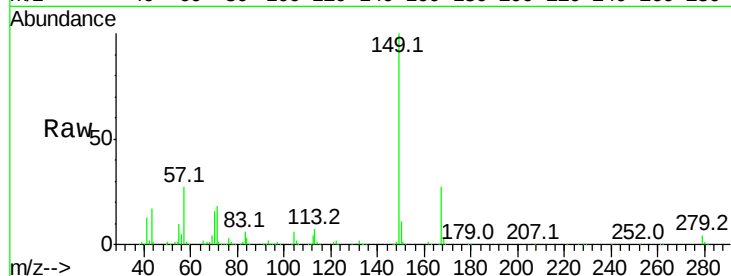
ClientSampleId :

SSTDICCC040

Tot Ion:	149	Resp:	606299
Ion Ratio	Lower	Upper	
149	100		
167	27.3	21.8	32.8
279	3.7	3.0	4.4

Manual Integrations
APPROVED

Mmdadoda
12/7/2015 6:30:43 PM



#84

Di-n-octyl phthalate

Concen: 38.53 ng

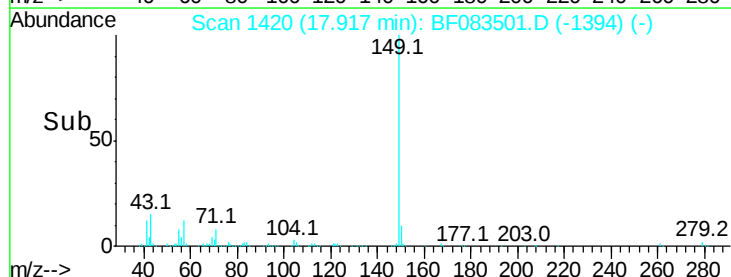
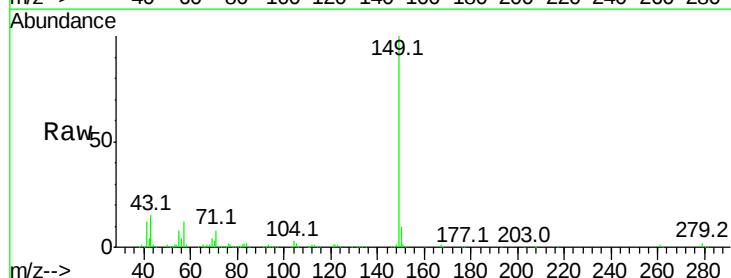
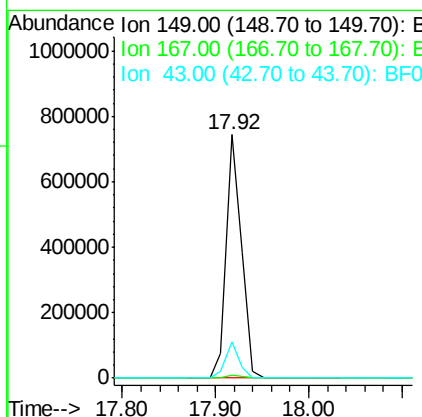
RT: 17.92 min Scan# 1420

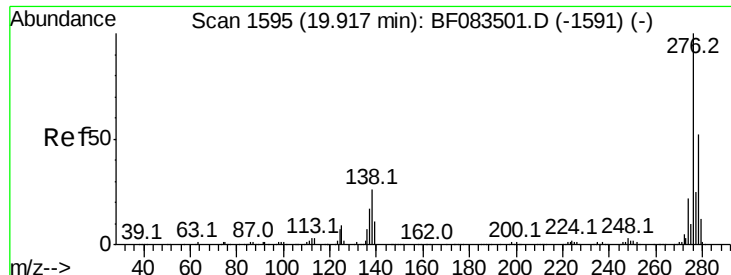
Delta R.T. 0.00 min

Lab File: BF083501.D

Acq: 5 Dec 2015 00:54

Tgt Ion:	149	Resp:	846031
Ion Ratio	Lower	Upper	
149	100		
167	1.4	0.0	0.0#
43	13.8	0.0	0.0#





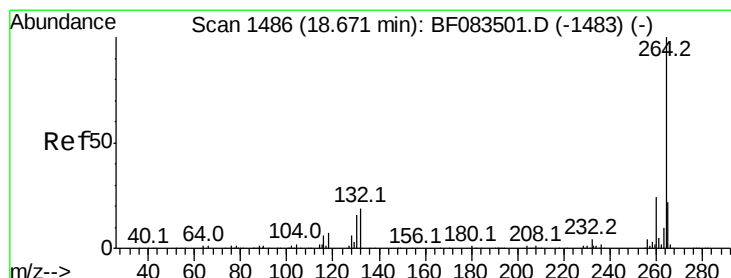
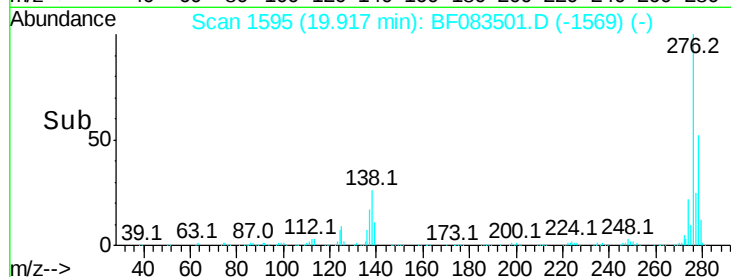
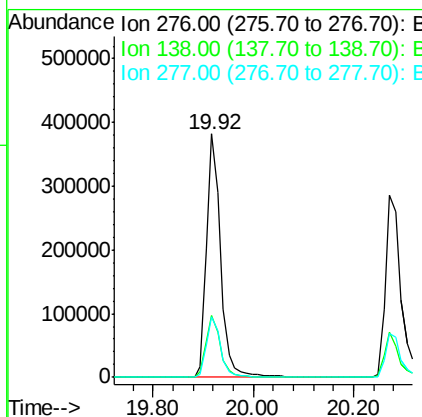
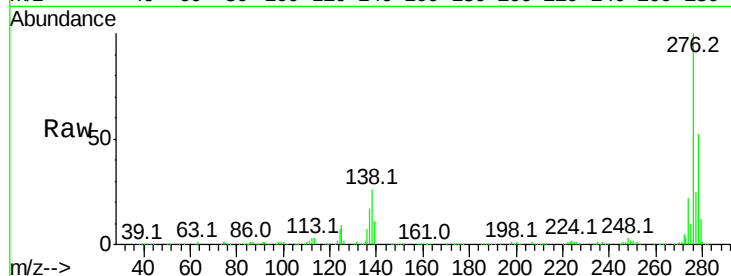
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 45.04 ng
 RT: 19.92 min Scan# 1595
 Delta R.T. 0.00 min
 Lab File: BF083501.D
 Acq: 5 Dec 2015 00:54

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICCC040

Tot Ion	Ratio	Resp Lower	Upper
276	100		
138	26.6	0.0	0.0#
277	25.2	0.0	0.0#

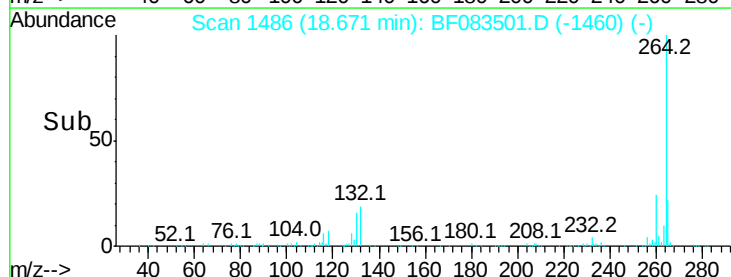
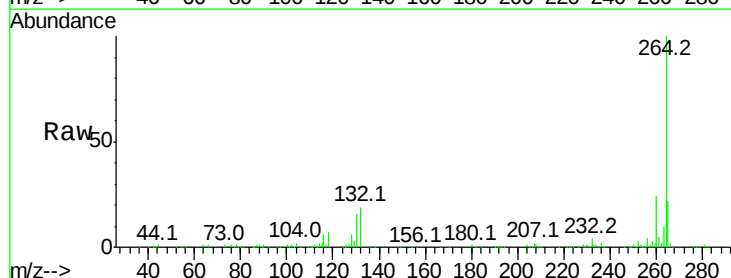
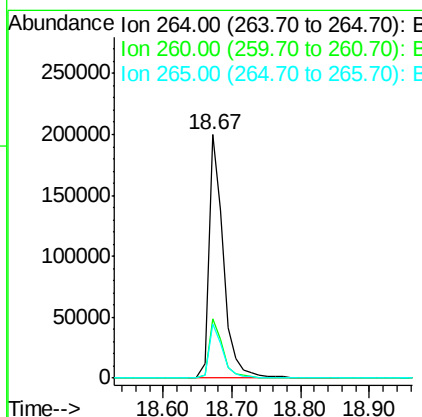
Manual Integrations
 APPROVED

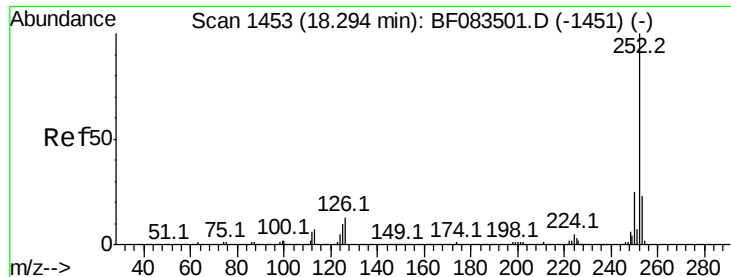
Mmdadoda
 12/7/2015 6:30:43 PM



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 18.67 min Scan# 1486
 Delta R.T. 0.00 min
 Lab File: BF083501.D
 Acq: 5 Dec 2015 00:54

Tgt Ion	Ratio	Resp Lower	Upper
264	100		
260	24.2	19.4	29.0
265	22.2	17.8	26.6





#87

Benzo(b)fluoranthene

Concen: 35.51 ng m

RT: 18.29 min Scan# 1453

Delta R.T. 0.00 min

Lab File: BF083501.D

Acq: 5 Dec 2015 00:54

Instrument :

BNA_F

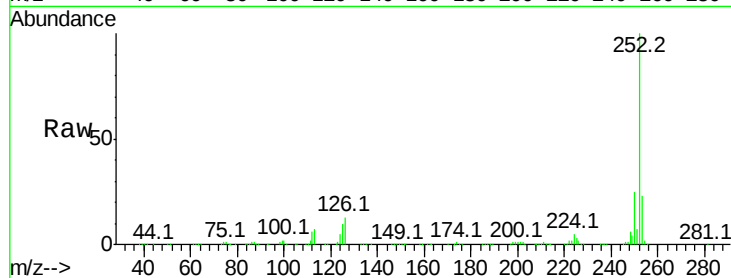
ClientSampleId :

SSTDICCC040

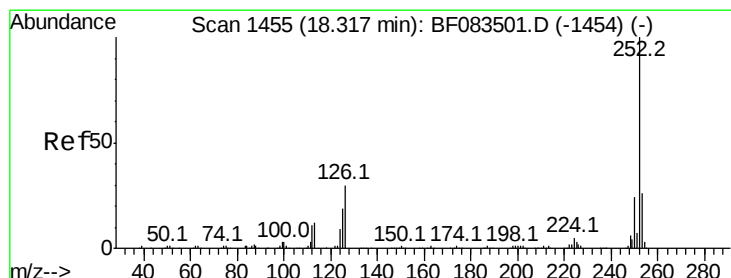
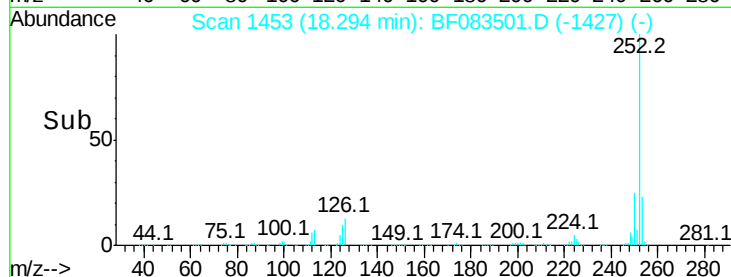
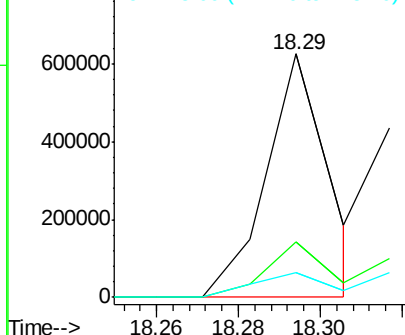
Tot Ion	Ratio	Lower	Upper
252	100		
253	22.8	18.2	27.4
125	10.3	8.2	12.4

Manual Integrations
APPROVED

Mmdadoda
12/7/2015 6:30:43 PM



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: 38.61 ng m

RT: 18.32 min Scan# 1455

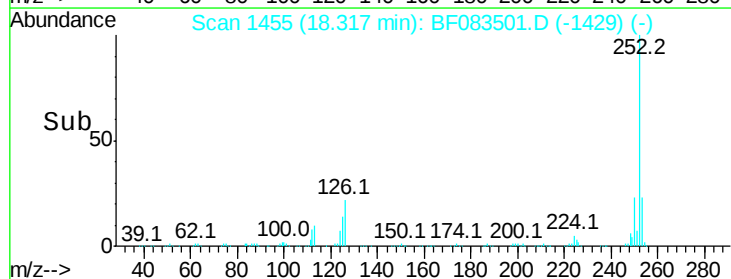
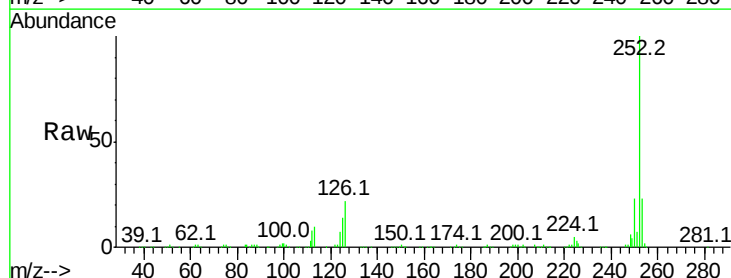
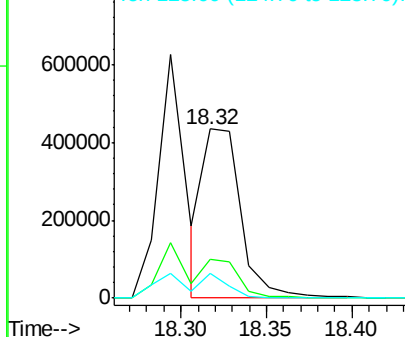
Delta R.T. 0.00 min

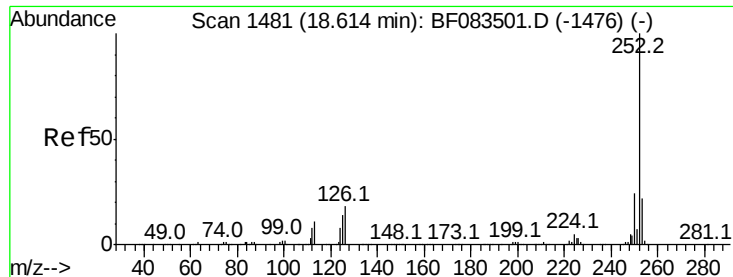
Lab File: BF083501.D

Acq: 5 Dec 2015 00:54

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.2	18.6	27.8
125	14.4	11.5	17.3

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





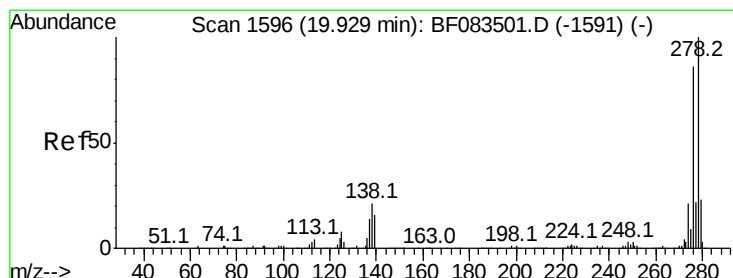
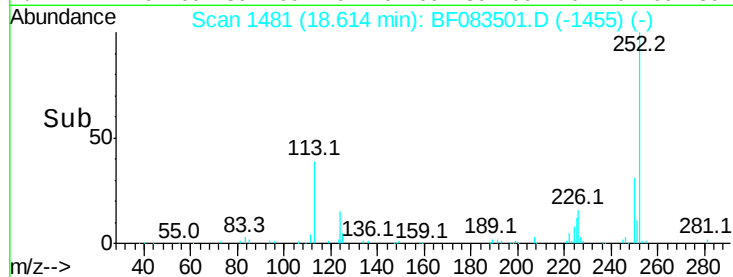
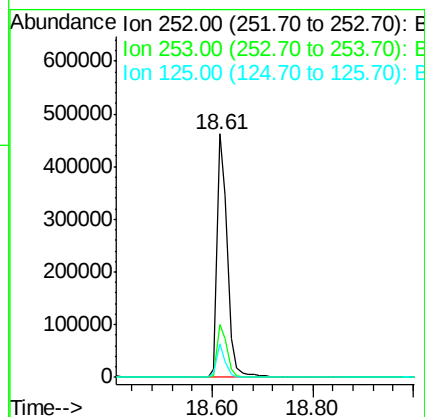
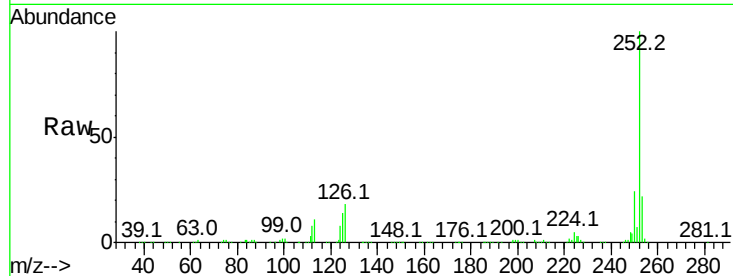
#89
Benzo(a)pyrene
Concen: 40.18 ng
RT: 18.61 min Scan# 1481
Delta R.T. 0.00 min
Lab File: BF083501.D
Acq: 5 Dec 2015 00:54

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.5	26.3
125	13.8	11.0	16.6

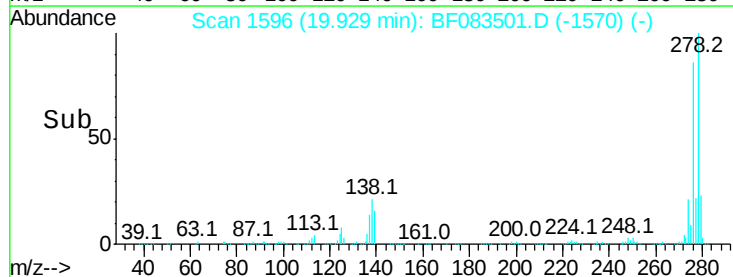
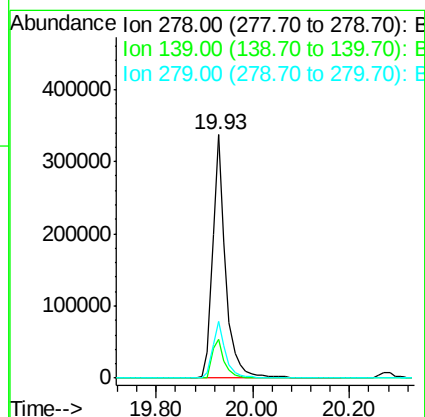
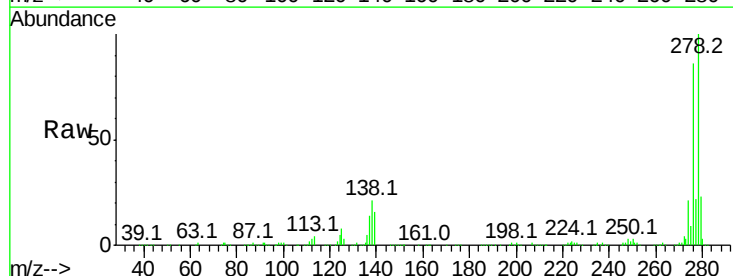
Manual Integrations
APPROVED

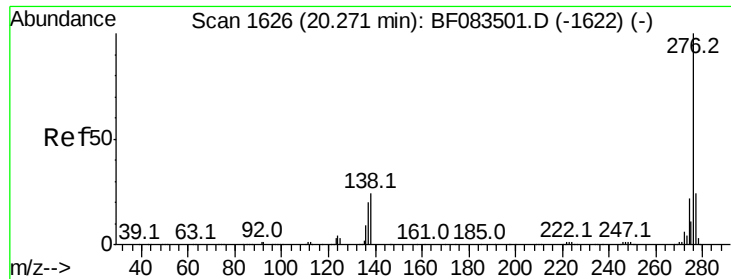
Mmdadoda
12/7/2015 6:30:43 PM



#90
Dibenzo(a,h)anthracene
Concen: 44.37 ng
RT: 19.93 min Scan# 1596
Delta R.T. 0.00 min
Lab File: BF083501.D
Acq: 5 Dec 2015 00:54

Tgt Ion	Ratio	Lower	Upper
278	100		
139	16.0	12.8	19.2
279	23.3	18.6	28.0





#91
 Benzo(a,h,i)perylene
 Concen: 44.55 ng
 RT: 20.27 min Scan# 1626
 Delta R.T. 0.00 min
 Lab File: BF083501.D
 Acq: 5 Dec 2015 00:54

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICCC040

Tot Ion:	276	Resp:	636484
Ion Ratio	Lower	Upper	
276	100		
277	24.0	19.2	28.8
138	24.4	19.5	29.3

Manual Integrations
 APPROVED

Mmdadoda
 12/7/2015 6:30:43 PM

