

Data Path : Z:\HPCHEM1\BNA F\DATA\BF120815\
 Data File : BF083611.D
 Acq On : 8 Dec 2015 23:20
 Operator : UM/IZ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Manual Integrations
 APPROVED

Mmdadoda
 12/9/2015 6:13:27 PM

Quant Time: Dec 17 10:26:30 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF120815.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 17 09:56:43 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.70	152	167627	20.00	ng	0.00
21) Naphthalene-d8	7.60	136	659267	20.00	ng	-0.01
38) Acenaphthene-d10	10.38	164	321160	20.00	ng	0.00
63) Phenanthrene-d10	12.79	188	597489	20.00	ng	0.00
75) Chrysene-d12	16.99	240	496683	20.00	ng	0.00
86) Perylene-d12	18.64	264	384639	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	3.97	112	890816	80.60	ng	0.00
7) Phenol-d6	5.26	99	1171307	79.32	ng	-0.01
23) Nitrobenzene-d5	6.53	82	1115542	78.96	ng	0.00
41) 2,4,6-Tribromophenol	11.68	330	236261	82.57	ng	-0.01
44) 2-Fluorobiphenyl	9.34	172	1776588	77.86	ng	0.00
78) Terphenyl-d14	15.41	244	1652388	78.28	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	1.81	88	217178	39.77	ng	95
3) Pyridine	2.26	79	567223	42.76	ng	100
4) n-Nitrosodimethylamine	2.22	42	293414	42.01	ng	95
6) Aniline	5.25	93	773617	42.51	ng	89
8) 2-Chlorophenol	5.42	128	491586	40.67	ng	92
9) Benzaldehyde	5.10	77	316559	39.31	ng	97
10) Phenol	5.29	94	736755	41.19	ng	79
11) bis(2-Chloroethyl)ether	5.36	93	543486	41.30	ng	97
12) 1,3-Dichlorobenzene	5.61	146	535520m	39.75	ng	
13) 1,4-Dichlorobenzene	5.72	146	558947	40.44	ng	98
14) 1,2-Dichlorobenzene	5.94	146	519155	40.48	ng	98
15) Benzyl Alcohol	5.95	79	441258	42.00	ng	98
16) 2,2'-oxybis(1-Chloropropan	6.12	45	977515	40.17	ng	# 61
17) 2-Methylphenol	6.14	107	411025	41.80	ng	93
18) Hexachloroethane	6.42	117	195732	40.11	ng	99
19) n-Nitroso-di-n-propylamine	6.34	70	413045	40.07	ng	95
20) 3+4-Methylphenols	6.38	107	520299	40.18	ng	96
22) Acetophenone	6.32	105	747906	40.44	ng	# 96
24) Nitrobenzene	6.57	77	601577	38.52	ng	93
25) Isophorone	6.93	82	1090296	39.77	ng	98
26) 2-Nitrophenol	7.05	139	254622	41.06	ng	90
27) 2,4-Dimethylphenol	7.16	122	439253	40.50	ng	95
28) bis(2-Chloroethoxy)methane	7.29	93	617713	40.57	ng	99
29) 2,4-Dichlorophenol	7.45	162	401513	40.70	ng	99
30) 1,2,4-Trichlorobenzene	7.53	180	434598	39.88	ng	97
31) Naphthalene	7.63	128	1383302	39.62	ng	99
32) Benzoic acid	7.49	122	243276	35.81	ng	94
33) 4-Chloroaniline	7.77	127	522215	41.01	ng	96
34) Hexachlorobutadiene	7.84	225	255073	40.07	ng	97
35) Caprolactam	8.38	113	123426	41.69	ng	93
36) 4-Chloro-3-methylphenol	8.61	107	447020	40.34	ng	99
37) 2-Methylnaphthalene	8.74	142	867982	39.57	ng	98
39) 1,2,4,5-Tetrachlorobenzene	9.00	216	415984	39.45	ng	# 100
40) Hexachlorocyclopentadiene	8.98	237	65223	43.38	ng	96

Data Path : Z:\HPCHEM1\BNA F\DATA\BF120815\
 Data File : BF083611.D
 Acq On : 8 Dec 2015 23:20
 Operator : UM/IZ
 Sample : SSTDC0040
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDC0040

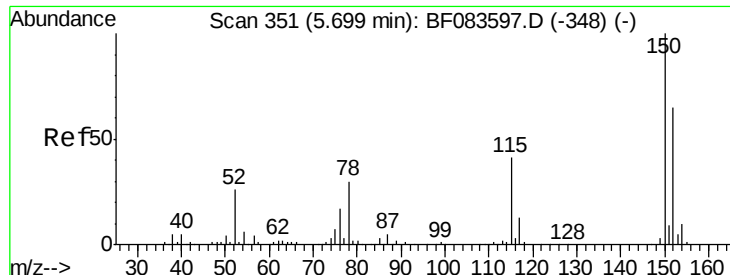
Manual Integrations
 APPROVED

Mmdadoda
 12/9/2015 6:13:27 PM

Quant Time: Dec 17 10:26:30 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF120815.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 17 09:56:43 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.23	196	251418	40.07	nq	99
43) 2,4,5-Trichlorophenol	9.31	196	259898	41.84	nq #	91
45) 1,1'-Biphenyl	9.49	154	1105400	39.60	nq	99
46) 2-Chloronaphthalene	9.50	162	842691	39.98	nq	94
47) 2-Nitroaniline	9.72	65	316478	41.64	nq	98
48) Acenaphthylene	10.16	152	1378213	39.66	nq	100
49) Dimethylphthalate	10.04	163	1014423	39.68	nq	99
50) 2,6-Dinitrotoluene	10.13	165	219673	41.62	nq	92
51) Acenaphthene	10.44	154	797634	40.09	nq	98
52) 3-Nitroaniline	10.41	138	234190	41.75	nq	83
53) 2,4-Dinitrophenol	10.62	184	97601	40.35	nq	96
54) Dibenzofuran	10.73	168	1093479	39.63	nq	98
55) 4-Nitrophenol	10.82	139	104724	42.40	nq	83
56) 2,4-Dinitrotoluene	10.80	165	297625	42.52	nq #	77
57) Fluorene	11.28	166	951736	39.53	nq	98
58) 2,3,4,6-Tetrachlorophenol	10.97	232	206373	41.37	nq #	100
59) Diethylphthalate	11.18	149	986680	39.70	nq	99
60) 4-Chlorophenyl-phenylether	11.31	204	465372	40.60	nq	91
61) 4-Nitroaniline	11.40	138	218657	42.90	nq	84
62) Azobenzene	11.56	77	1111430	40.63	nq	97
64) 4,6-Dinitro-2-methylphenol	11.46	198	166124	41.10	nq	89
65) n-Nitrosodiphenylamine	11.52	169	784135	39.77	nq	98
66) 4-Bromophenyl-phenylether	12.09	248	261552	39.25	nq	95
67) Hexachlorobenzene	12.17	284	284825	40.29	nq	94
68) Atrazine	12.43	200	239159	40.76	nq	98
69) Pentachlorophenol	12.53	266	79864	45.34	nq	97
70) Phenanthrene	12.82	178	1372813	39.99	nq	99
71) Anthracene	12.91	178	1423395	40.03	nq	100
72) Carbazole	13.21	167	1240155	40.67	nq	99
73) Di-n-butylphthalate	13.84	149	1585638	41.34	nq	99
74) Fluoranthene	14.75	202	1427598	40.65	nq	99
76) Benzidine	15.03	184	687576	44.51	nq	99
77) Pyrene	15.11	202	1438592	40.23	nq	98
79) Butylbenzylphthalate	16.24	149	651215	41.03	nq	89
80) Benzo(a)anthracene	16.98	228	1160946	39.93	nq	98
81) 3,3'-Dichlorobenzidine	16.97	252	402835	41.02	nq	98
82) Chrysene	17.03	228	1165305	39.99	nq	99
83) Bis(2-ethylhexyl)phthalate	17.09	149	908677	41.25	nq	99
84) Di-n-octyl phthalate	17.86	149	1411619	41.94	nq #	100
85) Indeno(1,2,3-cd)pyrene	19.86	276	763619	38.82	nq #	100
87) Benzo(b)fluoranthene	18.25	252	855755m	39.07	nq	
88) Benzo(k)fluoranthene	18.28	252	998722m	41.38	nq	
89) Benzo(a)pyrene	18.58	252	840175	39.31	nq #	96
90) Dibenzo(a,h)anthracene	19.86	278	639135	39.11	nq	97
91) Benzo(g,h,i)perylene	20.23	276	599427	37.62	nq	96

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



#1

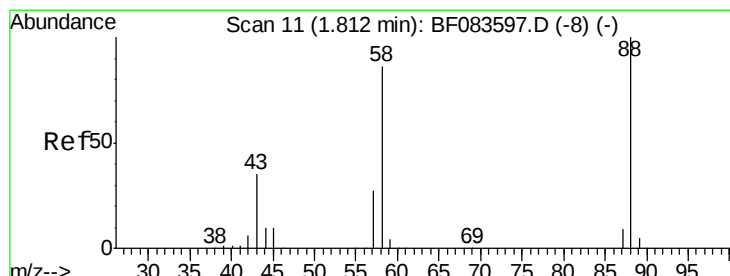
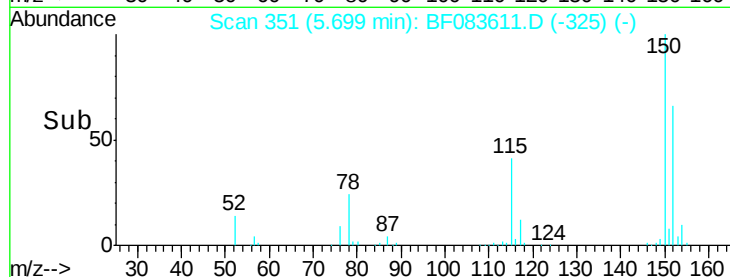
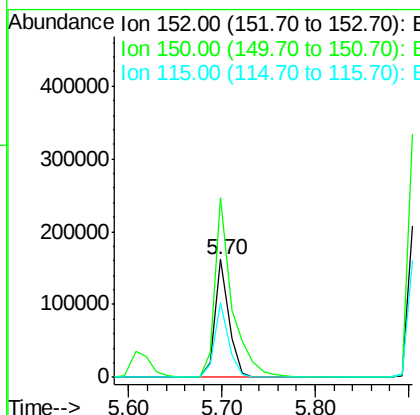
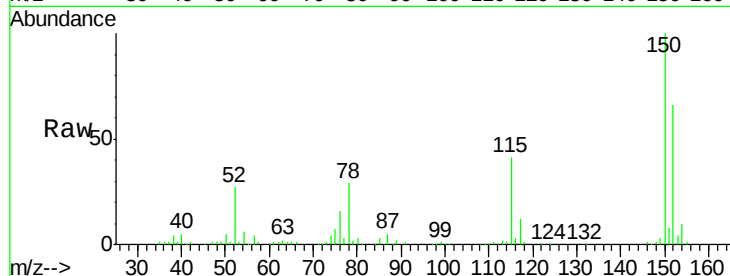
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 5.70 min Scan# 351
Delta R.T. 0.00 min
Lab File: BF083611.D
Acq: 8 Dec 2015 23:20

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
152	100		
150	151.9	126.5	189.7
115	62.9	52.3	78.5

Manual Integrations
APPROVED

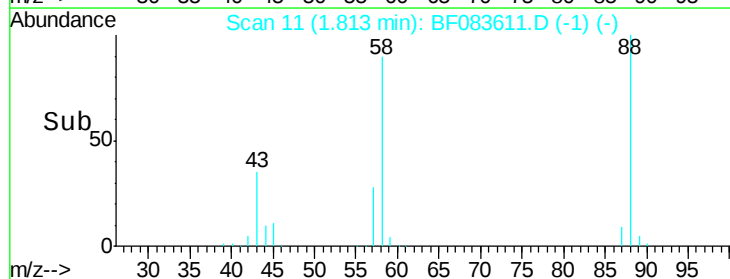
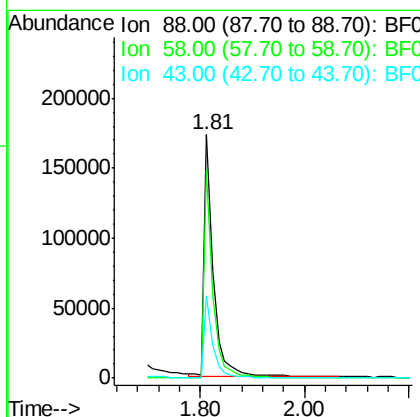
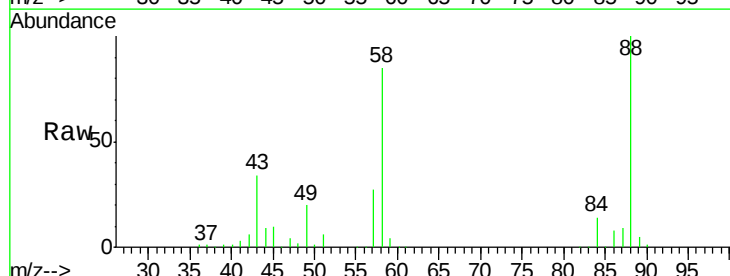
Mmdadoda
12/9/2015 6:13:27 PM

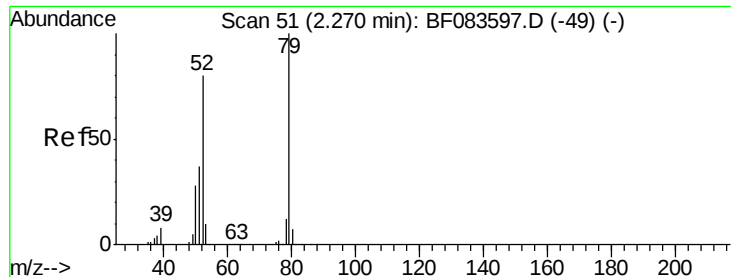


#2

1,4-Dioxane
Concen: 39.77 ng
RT: 1.81 min Scan# 11
Delta R.T. 0.00 min
Lab File: BF083611.D
Acq: 8 Dec 2015 23:20

Tgt Ion	Ratio	Lower	Upper
88	100		
58	80.7	68.0	102.0
43	31.5	27.9	41.9





#3

Pvridine

Concen: 42.76 ng

RT: 2.26 min Scan# 50

Delta R.T. -0.01 min

Lab File: BF083611.D

Acq: 8 Dec 2015 23:20

Instrument :

BNA_F

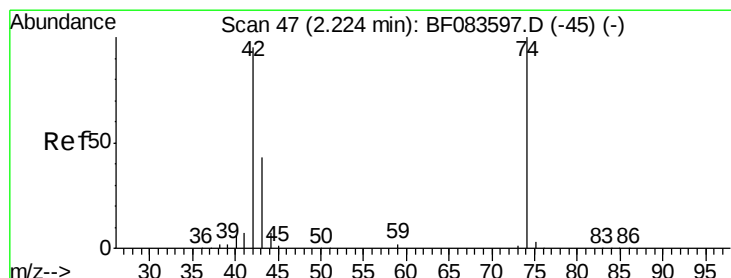
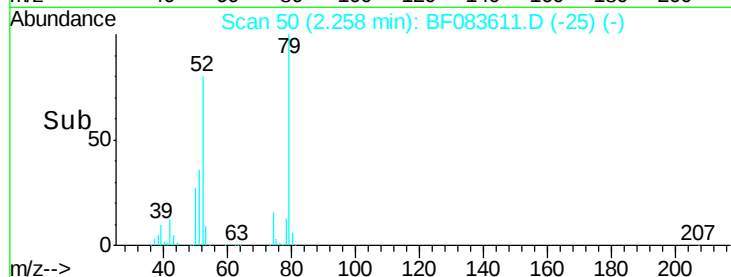
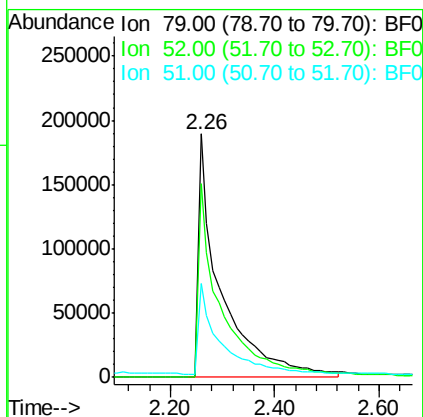
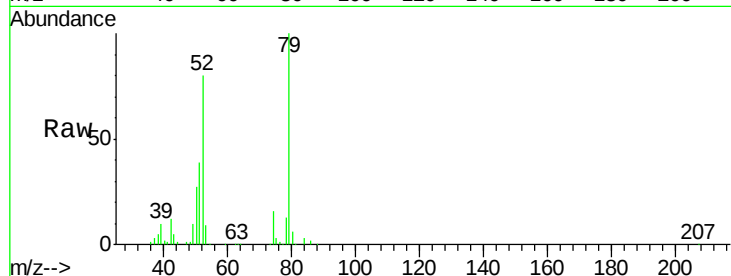
ClientSampleId :

SSTDCCC040

Tot Ion:	79	Resp:	567223
Ion Ratio	Lower	Upper	
79	100		
52	79.7	63.7	95.5
51	38.6	30.6	45.8

Manual Integrations
APPROVED

Mmdadoda
12/9/2015 6:13:27 PM



#4

n-Nitrosodimethylamine

Concen: 42.01 ng

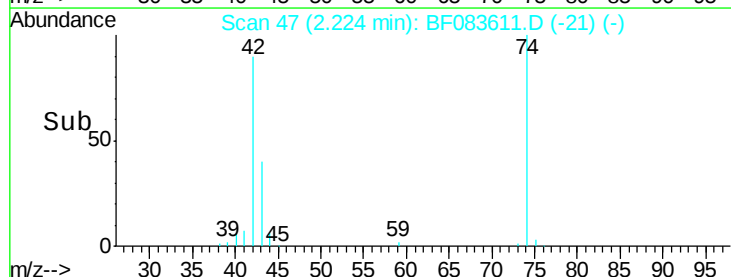
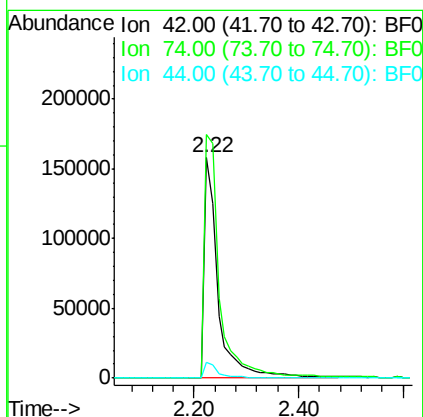
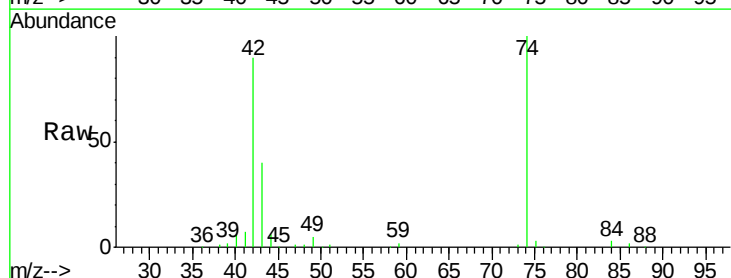
RT: 2.22 min Scan# 47

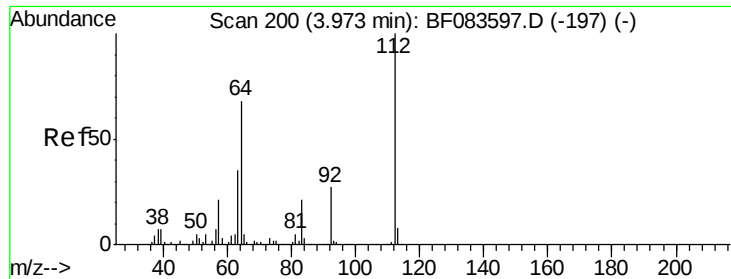
Delta R.T. 0.00 min

Lab File: BF083611.D

Acq: 8 Dec 2015 23:20

Tgt Ion:	42	Resp:	293414
Ion Ratio	Lower	Upper	
42	100		
74	110.6	92.9	139.3
44	7.1	5.7	8.5





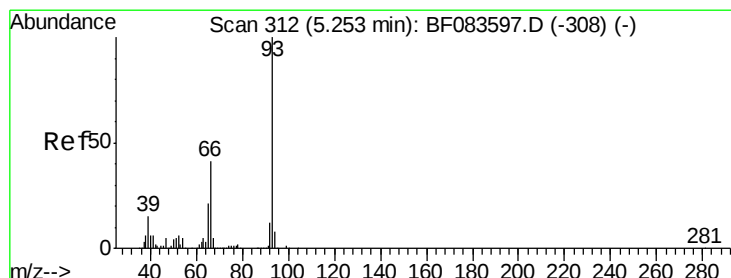
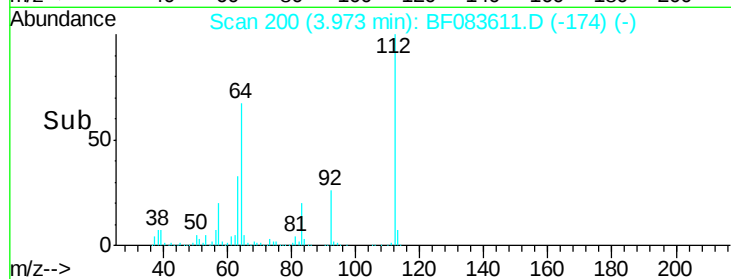
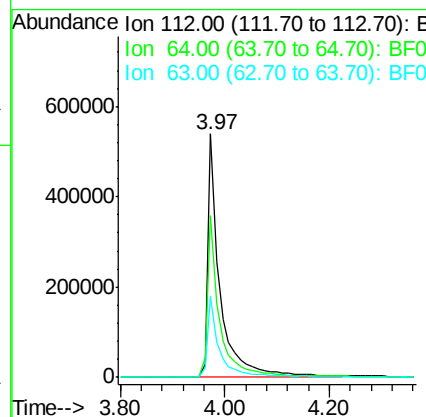
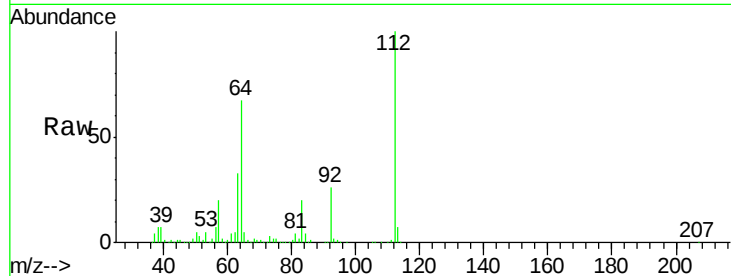
#5
2-Fluorophenol
Concen: 80.60 ng
RT: 3.97 min Scan# 200
Delta R.T. 0.00 min
Lab File: BF083611.D
Acq: 8 Dec 2015 23:20

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ion	Ratio	Resp	Lower	Upper
112	100		890816		
64	66.6	50.5		75.7	
63	33.3	25.8		38.6	

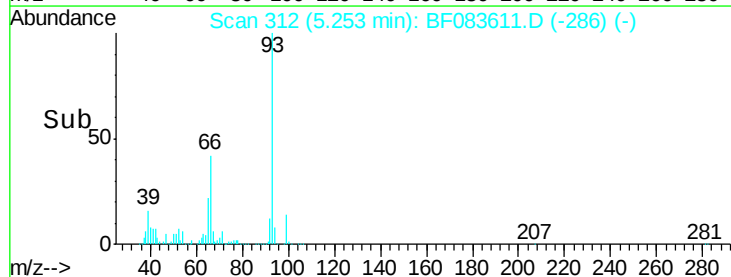
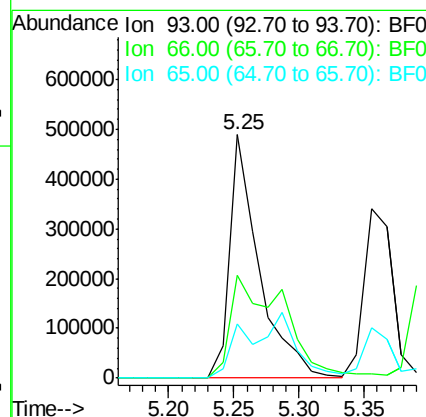
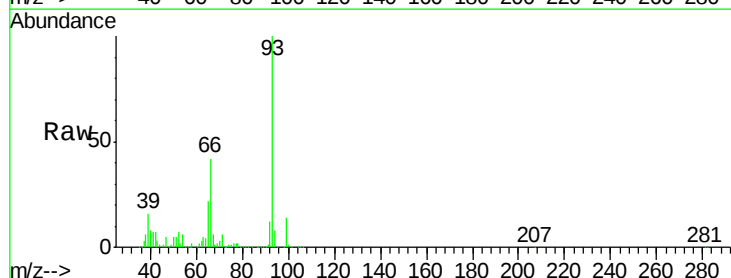
Manual Integrations
APPROVED

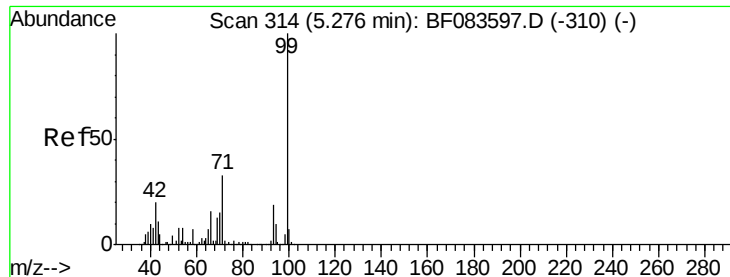
Mmdadoda
12/9/2015 6:13:27 PM



#6
Aniline
Concen: 42.51 ng
RT: 5.25 min Scan# 312
Delta R.T. 0.00 min
Lab File: BF083611.D
Acq: 8 Dec 2015 23:20

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
93	100		773617		
66	42.4	41.3		61.9	
65	22.0	20.8		31.2	





#7

Phenol-d6

Concen: 79.32 ng

RT: 5.26 min Scan# 313

Delta R.T. -0.01 min

Lab File: BF083611.D

Acq: 8 Dec 2015 23:20

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion: 99 Resp: 1171307

Ion Ratio Lower Upper

99 100

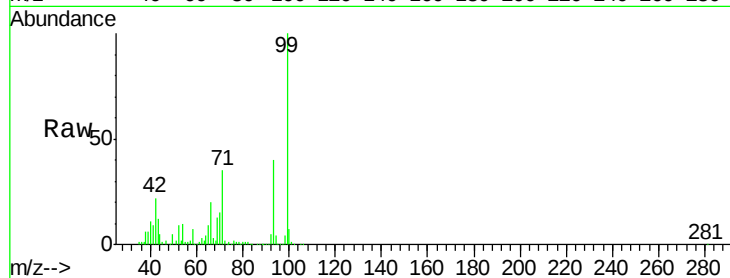
42 22.1 17.3 25.9

71 34.9 26.6 40.0

Manual Integrations
APPROVED

Mmdadoda

12/9/2015 6:13:27 PM



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0

1000000

800000

600000

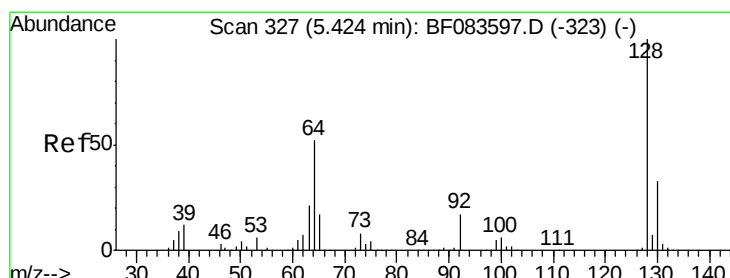
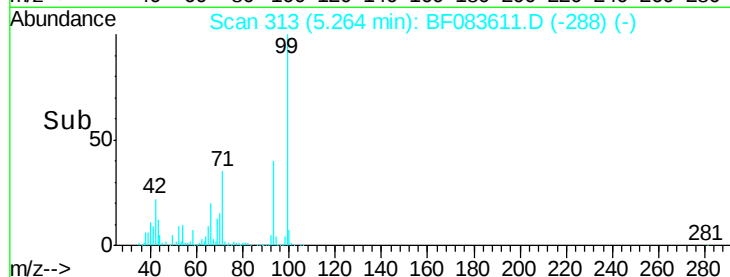
400000

200000

0

5.20 5.30 5.40

Time-->



#8

2-Chlorophenol

Concen: 40.67 ng

RT: 5.42 min Scan# 327

Delta R.T. 0.00 min

Lab File: BF083611.D

Acq: 8 Dec 2015 23:20

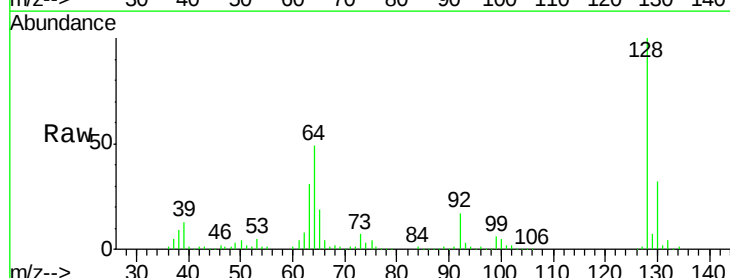
Tgt Ion: 128 Resp: 491586

Ion Ratio Lower Upper

128 100

130 32.2 12.6 52.6

64 49.3 38.6 78.6



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0

400000

300000

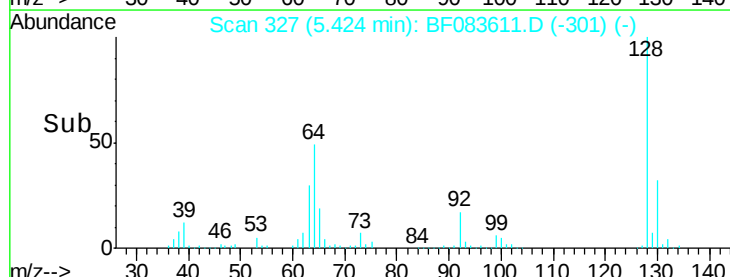
200000

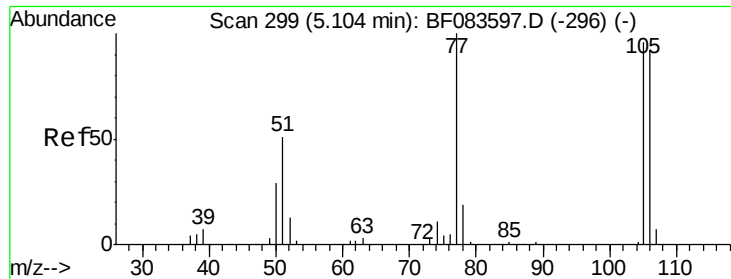
100000

0

5.30 5.40 5.50 5.60

Time-->





#9

Benzaldehyde

Concen: 39.31 ng

RT: 5.10 min Scan# 299

Delta R.T. 0.00 min

Lab File: BF083611.D

Acq: 8 Dec 2015 23:20

Instrument :

BNA_F

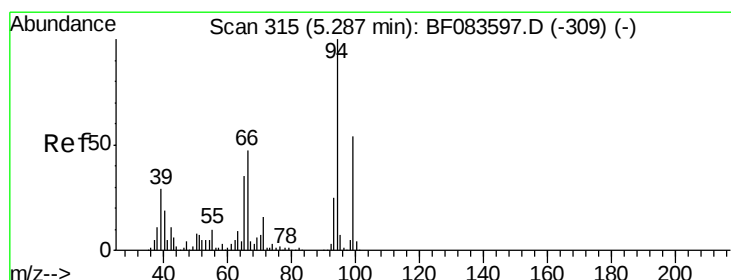
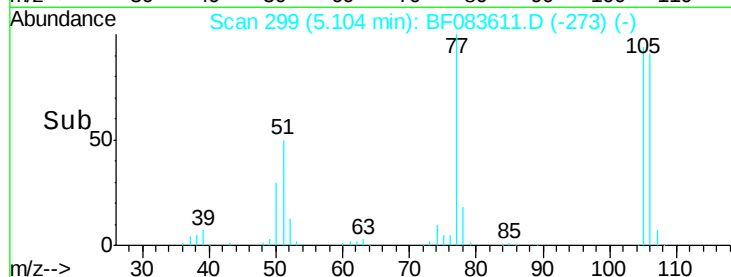
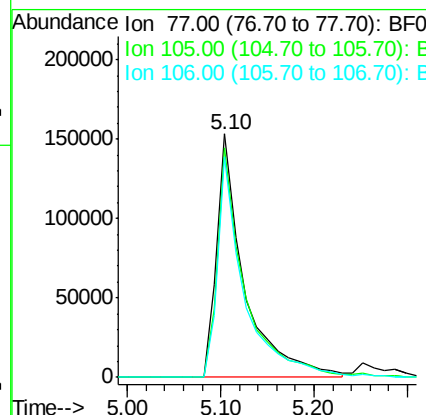
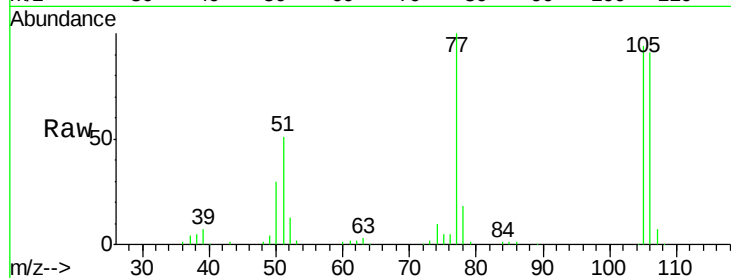
ClientSampleId :

SSTDCCC040

Tot Ion:	77	Resp:	316559
Ion	Ratio	Lower	Upper
77	100		
105	94.4	71.8	111.8
106	90.6	66.8	106.8

Manual Integrations
APPROVED

Mmdadoda
12/9/2015 6:13:27 PM



#10

Phenol

Concen: 41.19 ng

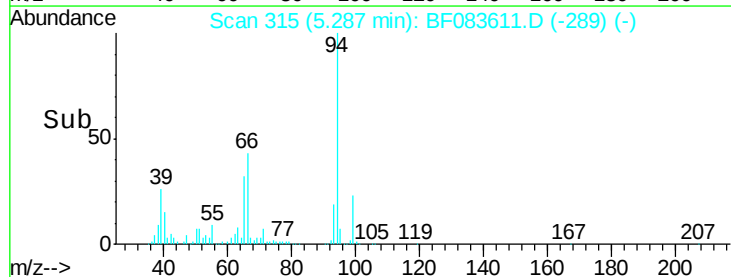
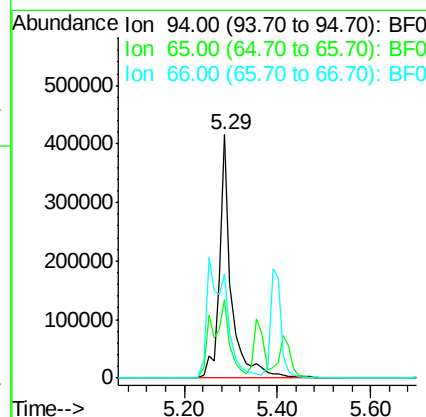
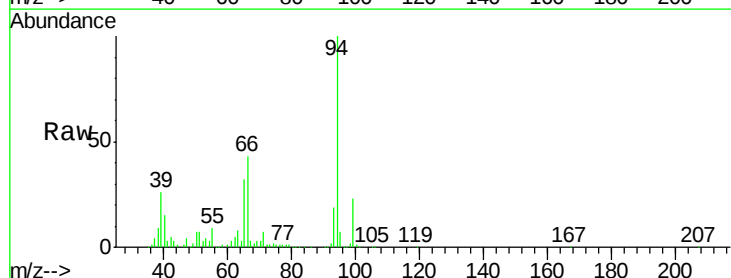
RT: 5.29 min Scan# 315

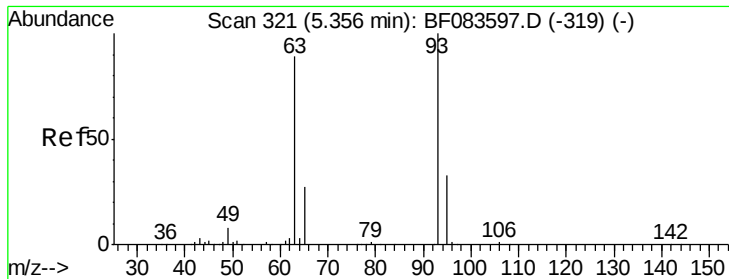
Delta R.T. 0.00 min

Lab File: BF083611.D

Acq: 8 Dec 2015 23:20

Tgt Ion:	94	Resp:	736755
Ion	Ratio	Lower	Upper
94	100		
65	32.0	20.9	60.9
66	42.7	41.6	81.6





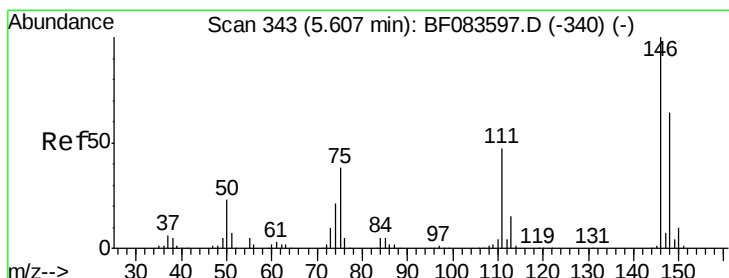
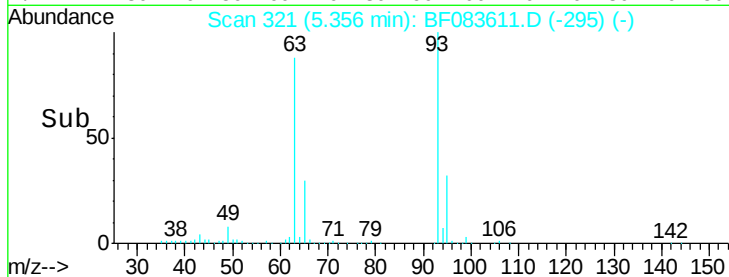
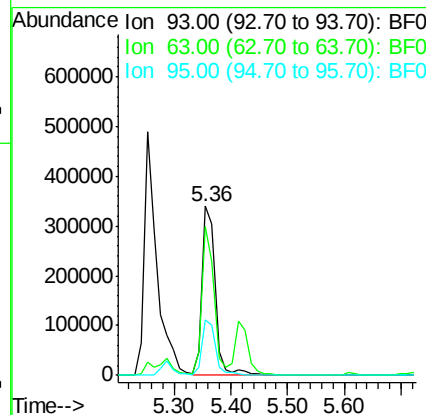
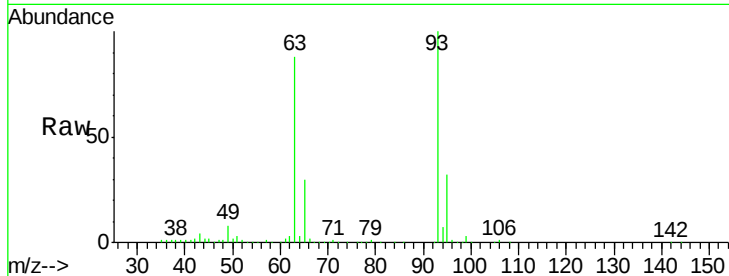
#11
bis(2-Chloroethyl)ether
Concen: 41.30 ng
RT: 5.36 min Scan# 321
Delta R.T. 0.00 min
Lab File: BF083611.D
Acq: 8 Dec 2015 23:20

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
93	100		
63	87.9	64.7	104.7
95	32.4	12.7	52.7

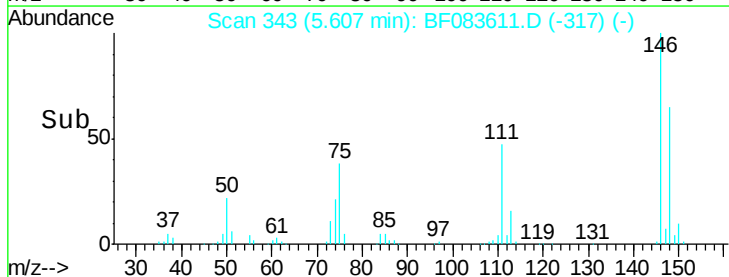
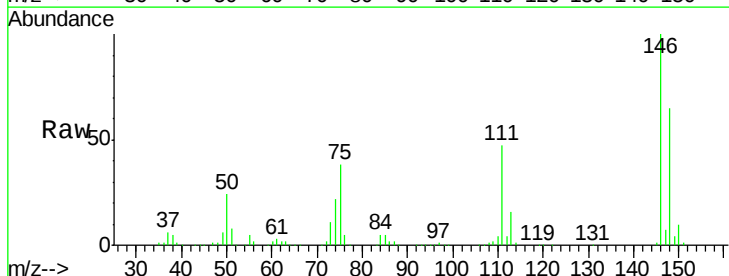
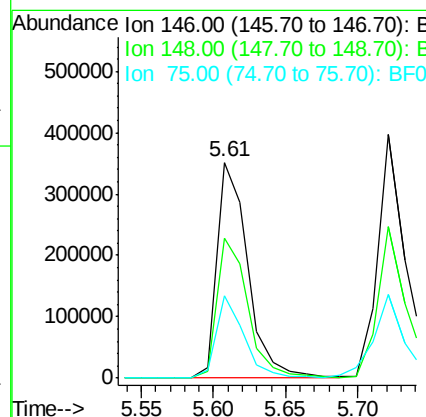
Manual Integrations
APPROVED

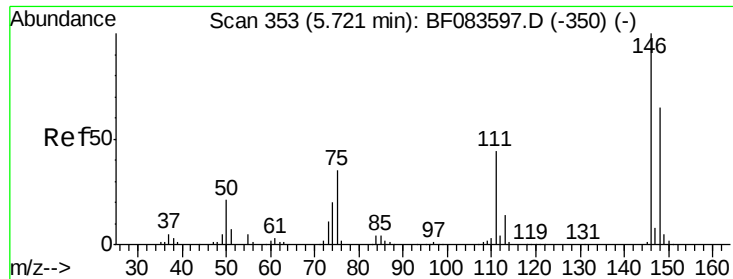
Mmdadoda
12/9/2015 6:13:27 PM



#12
1,3-Dichlorobenzene
Concen: 39.75 ng m
RT: 5.61 min Scan# 343
Delta R.T. 0.00 min
Lab File: BF083611.D
Acq: 8 Dec 2015 23:20

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.9	51.3	76.9
75	38.1	24.1	36.1#





#13

1,4-Dichlorobenzene

Concen: 40.44 ng

RT: 5.72 min Scan# 353

Delta R.T. 0.00 min

Lab File: BF083611.D

Acq: 8 Dec 2015 23:20

Instrument :

BNA_F

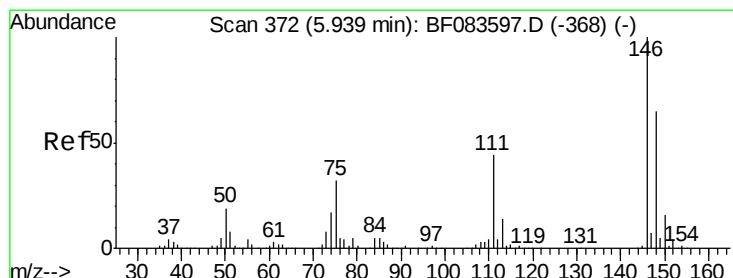
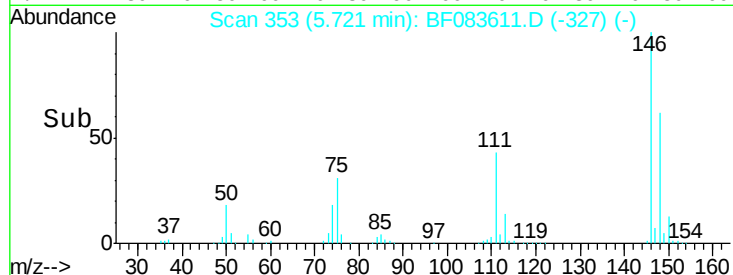
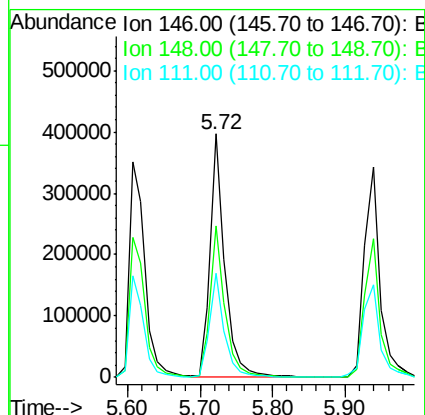
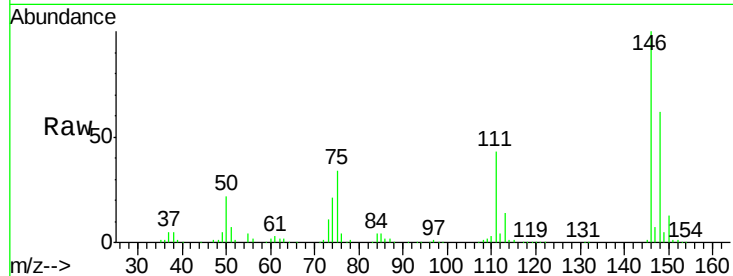
ClientSampleId :

SSTDCCC040

Tot Ion:	146	Resp:	558947
Ion Ratio	Lower	Upper	
146	100		
148	62.3	50.6	76.0
111	42.7	36.1	54.1

Manual Integrations
APPROVED

Mmdadoda
12/9/2015 6:13:27 PM



#14

1,2-Dichlorobenzene

Concen: 40.48 ng

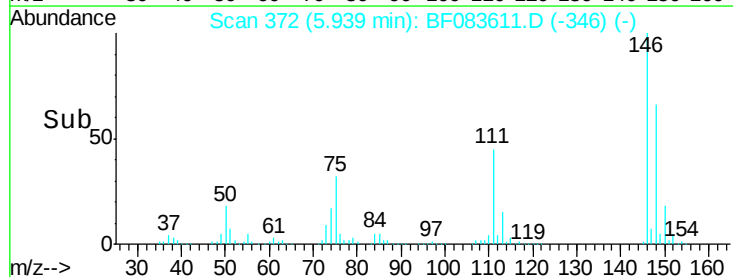
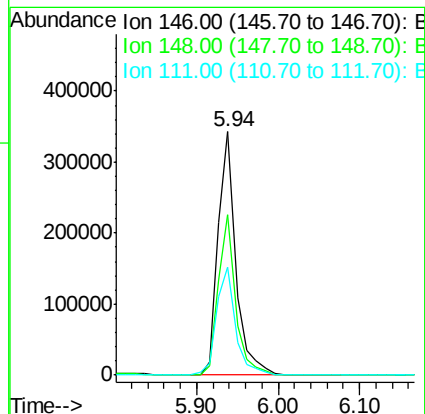
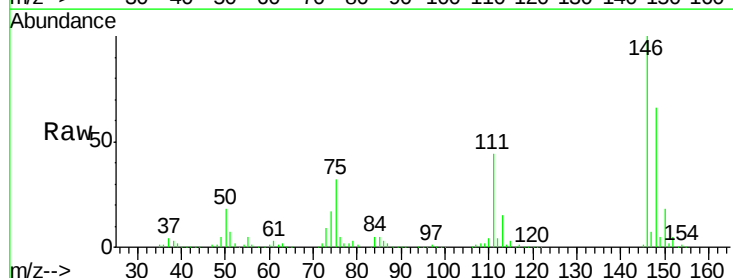
RT: 5.94 min Scan# 372

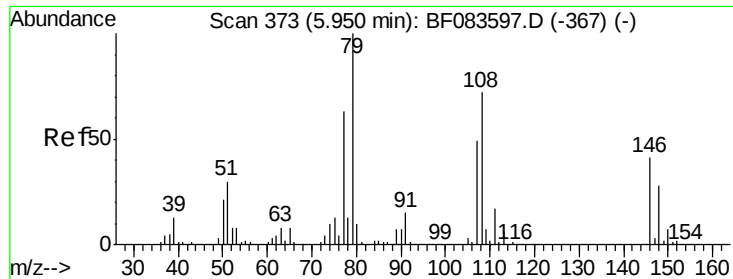
Delta R.T. 0.00 min

Lab File: BF083611.D

Acq: 8 Dec 2015 23:20

Tgt Ion:	146	Resp:	519155
Ion Ratio	Lower	Upper	
146	100		
148	65.8	51.4	77.0
111	44.2	36.7	55.1





#15

Benzyl Alcohol

Concen: 42.00 ng

RT: 5.95 min Scan# 373

Delta R.T. 0.00 min

Lab File: BF083611.D

Acq: 8 Dec 2015 23:20

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion: 79 Resp: 441258
Ion Ratio Lower Upper

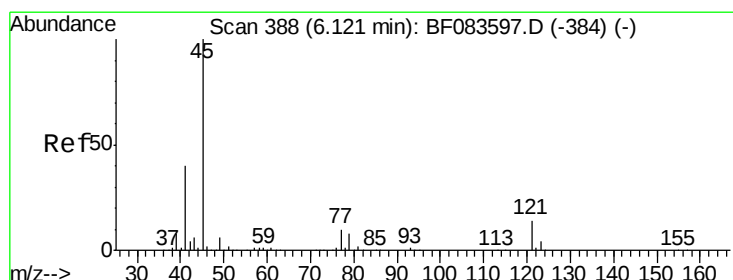
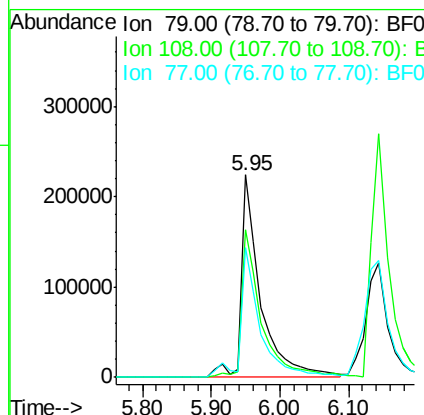
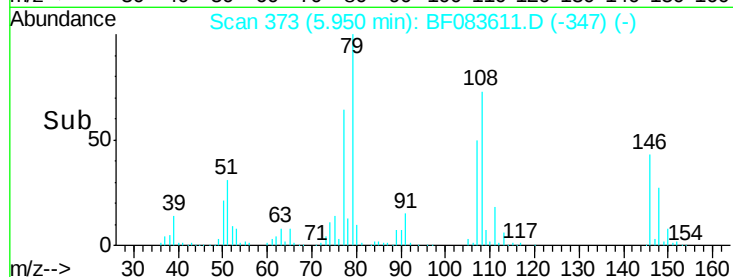
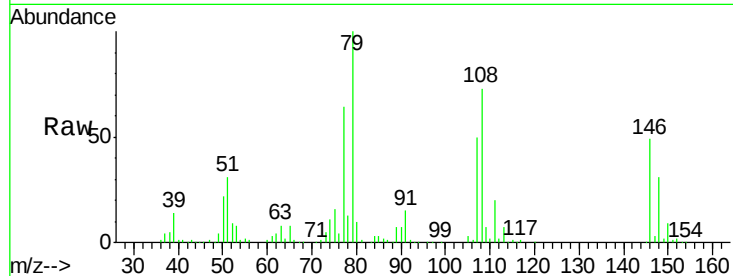
79 100

108 73.0 59.6 89.4

77 63.9 49.8 74.6

Manual Integrations
APPROVED

Mmdadoda
12/9/2015 6:13:27 PM



#16

2,2'-oxybis(1-Chloropropane)

Concen: 40.17 ng

RT: 6.12 min Scan# 388

Delta R.T. 0.00 min

Lab File: BF083611.D

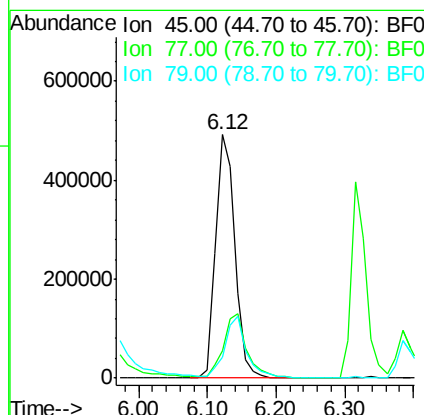
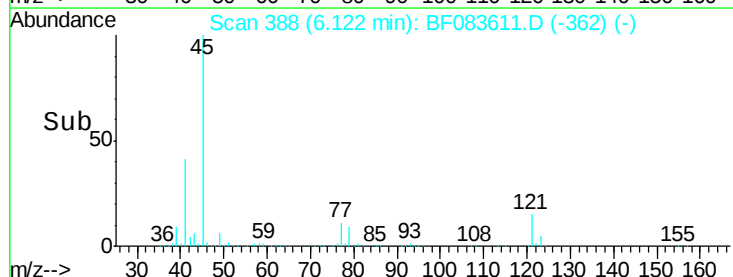
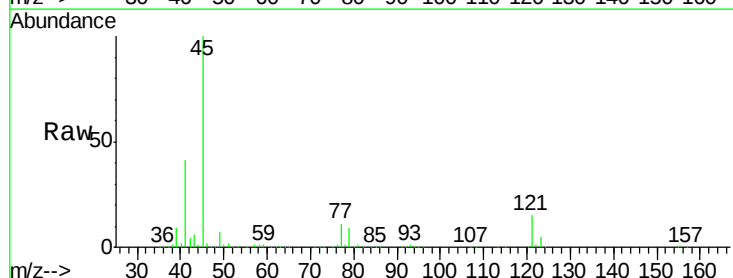
Acq: 8 Dec 2015 23:20

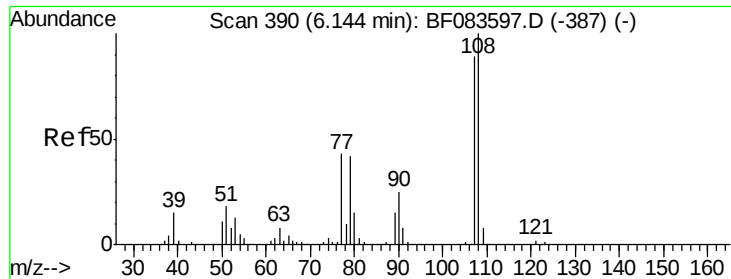
Tgt Ion: 45 Resp: 977515
Ion Ratio Lower Upper

45 100

77 11.3 12.8 52.8#

79 8.7 10.7 50.7#





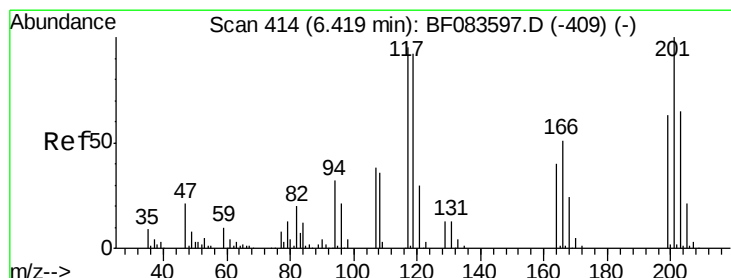
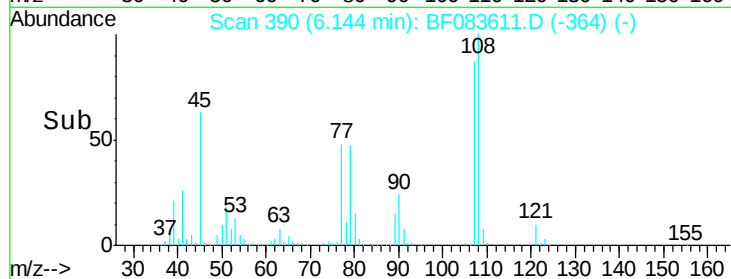
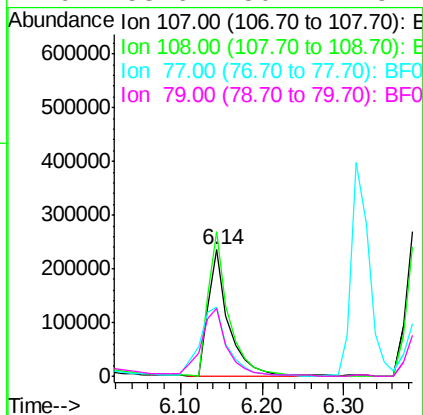
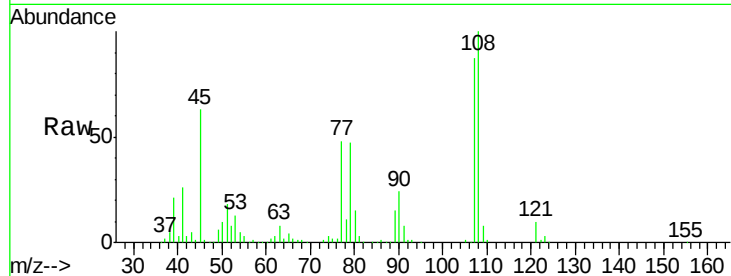
#17
2-Methylphenol
Concen: 41.80 ng
RT: 6.14 min Scan# 390
Delta R.T. 0.00 min
Lab File: BF083611.D
Acq: 8 Dec 2015 23:20

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
107	100	411025		
108	114.6	91.6	137.4	
77	54.8	53.7	80.5	
79	53.6	50.2	75.4	

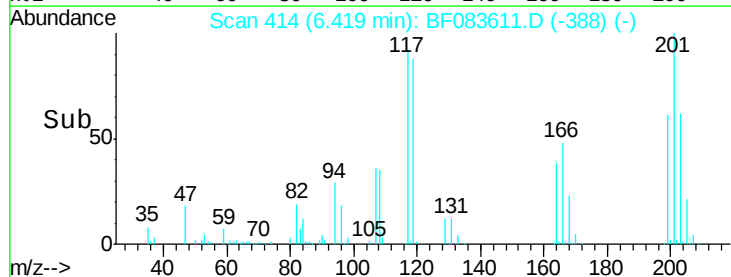
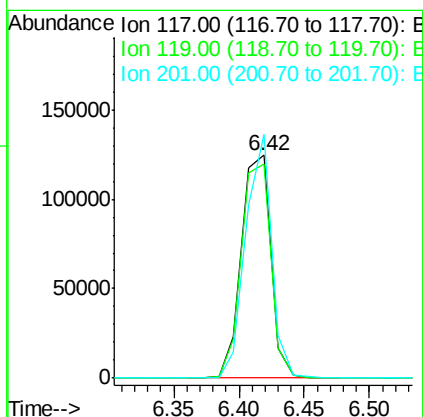
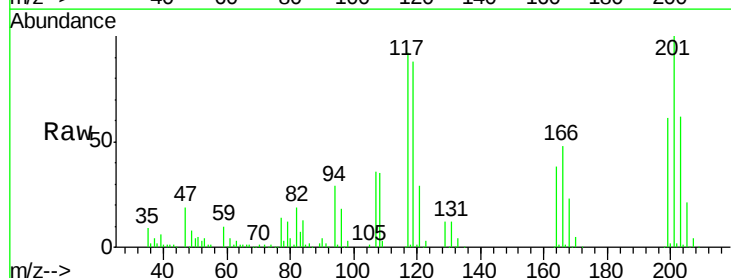
Manual Integrations
APPROVED

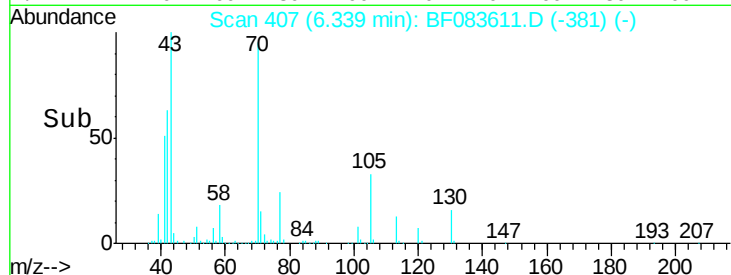
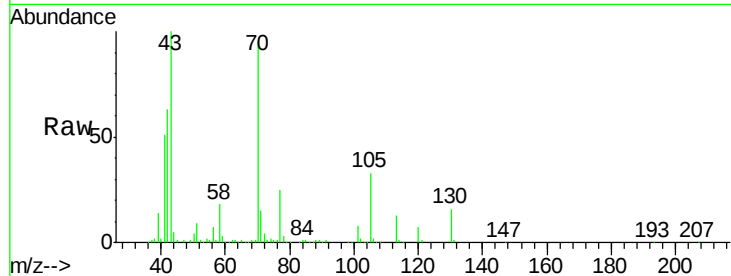
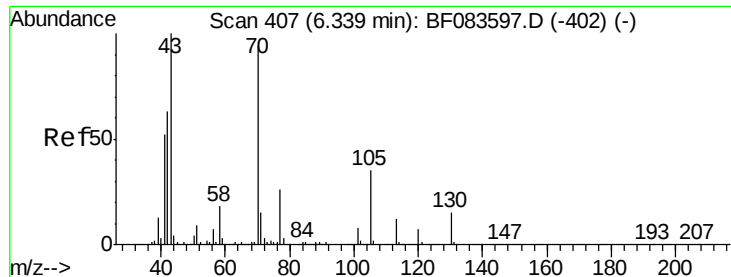
Mmdadoda
12/9/2015 6:13:27 PM



#18
Hexachloroethane
Concen: 40.11 ng
RT: 6.42 min Scan# 414
Delta R.T. 0.00 min
Lab File: BF083611.D
Acq: 8 Dec 2015 23:20

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	195732		
119	95.9	77.2	115.8	
201	109.2	86.8	130.2	





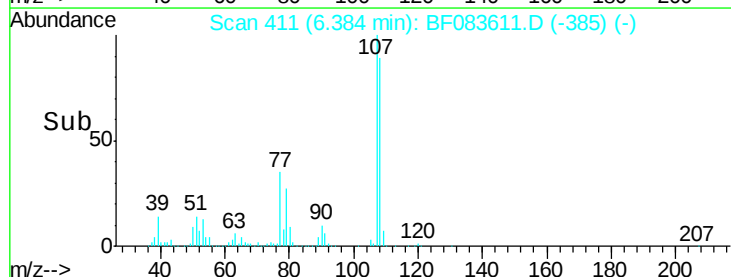
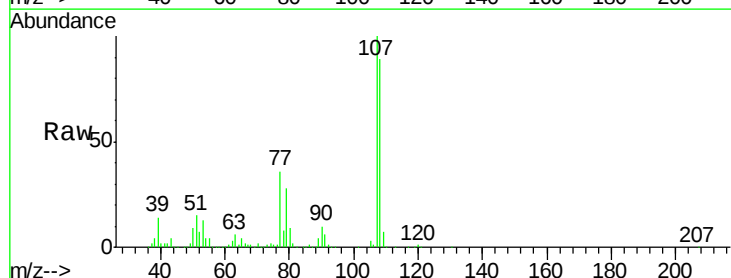
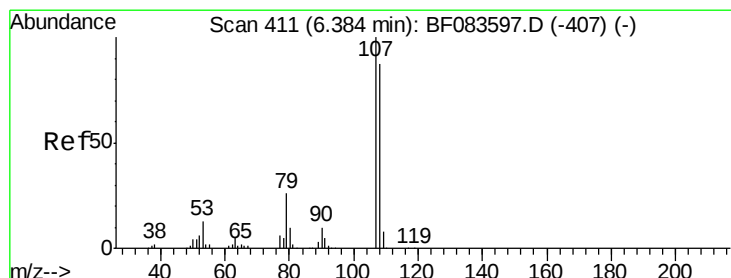
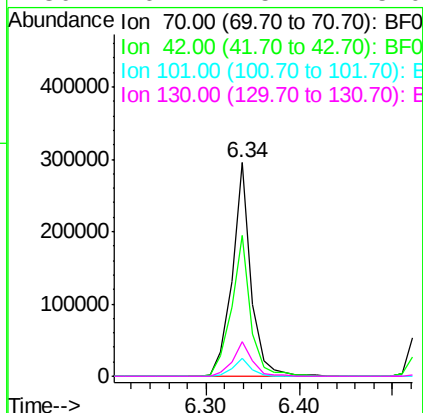
#19
n-Nitroso-di-n-propylamine
Concen: 40.07 ng
RT: 6.34 min Scan# 407
Delta R.T. 0.00 min
Lab File: BF083611.D
Acq: 8 Dec 2015 23:20

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations
APPROVED

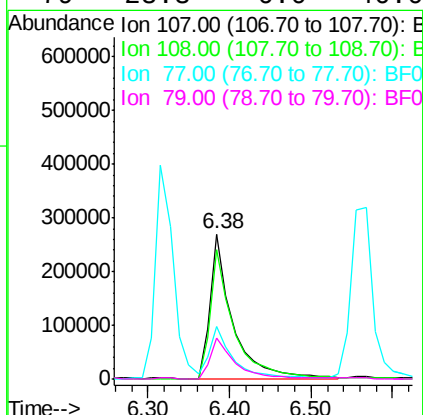
Mmdadoda
12/9/2015 6:13:27 PM

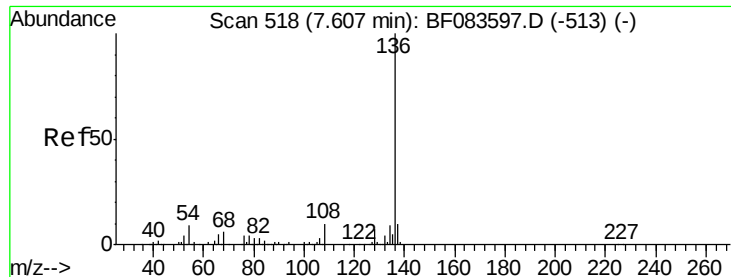
Tot Ion	Ratio	Lower	Upper
70	100		
42	65.9	49.2	73.8
101	8.5	7.1	10.7
130	16.4	15.4	23.0



#20
3+4-Methylphenols
Concen: 40.18 ng
RT: 6.38 min Scan# 411
Delta R.T. 0.00 min
Lab File: BF083611.D
Acq: 8 Dec 2015 23:20

Tgt Ion	Ratio	Lower	Upper
107	100		
108	89.5	65.2	105.2
77	36.0	15.2	55.2
79	28.3	6.0	46.0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.60 min Scan# 517

Delta R.T. -0.01 min

Lab File: BF083611.D

Acq: 8 Dec 2015 23:20

Instrument :

BNA_F

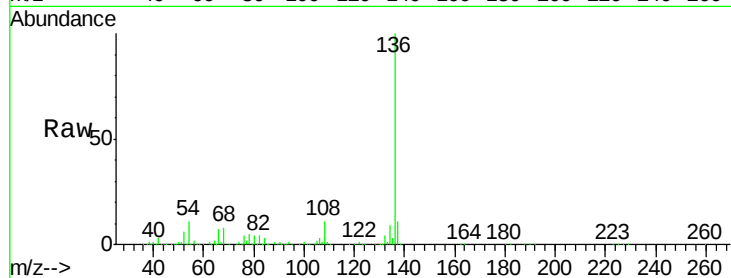
ClientSampleId :

SSTDCCC040

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		659267		
137	10.9	8.7	13.1		
54	11.5	7.8	11.6		
68	8.0	5.7	8.5		

Manual Integrations
APPROVED

Mmdadoda
12/9/2015 6:13:27 PM



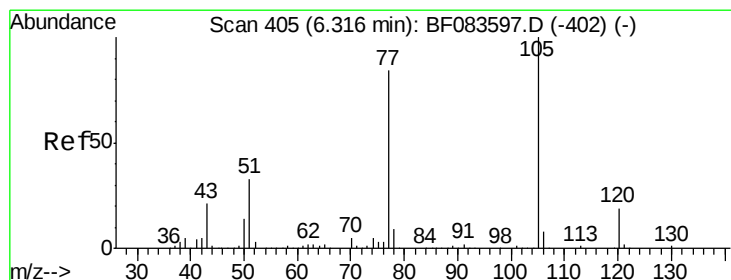
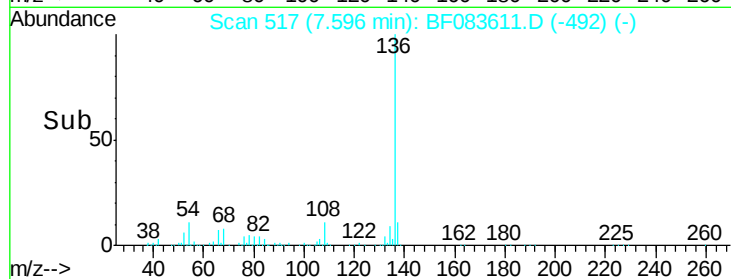
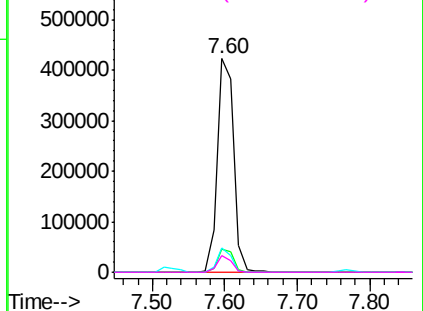
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 40.44 ng

RT: 6.32 min Scan# 405

Delta R.T. 0.00 min

Lab File: BF083611.D

Acq: 8 Dec 2015 23:20

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		747906		
71	1.3	1.3	1.9#		
51	32.2	23.8	35.8		
120	19.7	16.7	25.1		

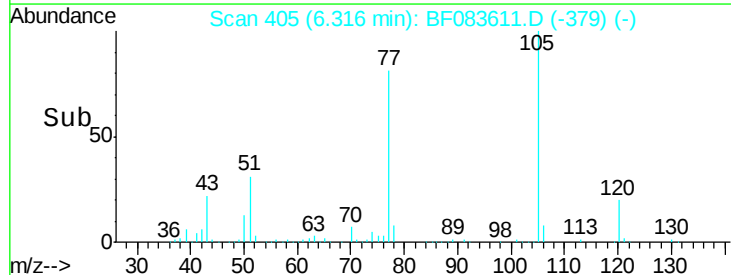
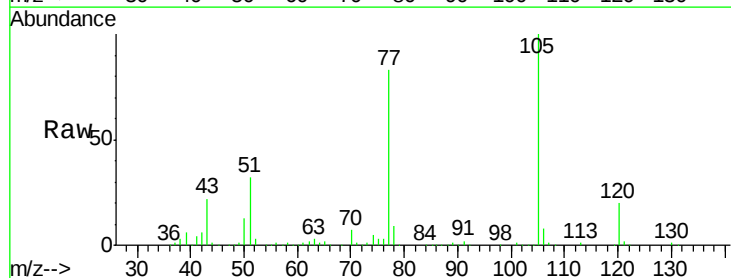
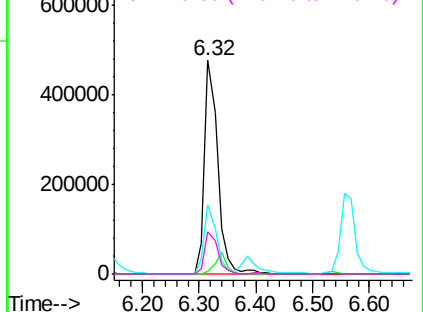
Abundance

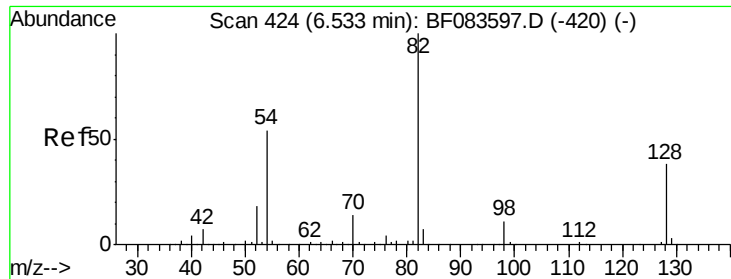
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E





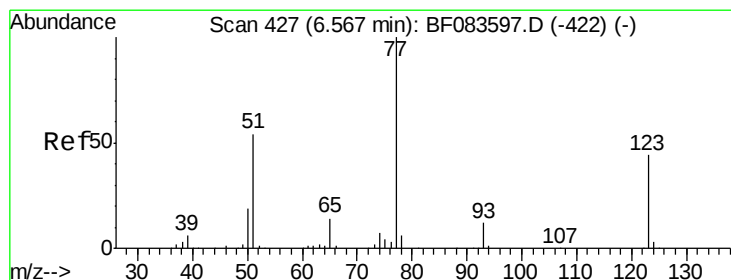
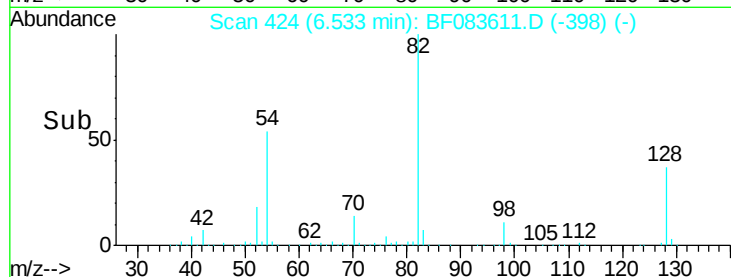
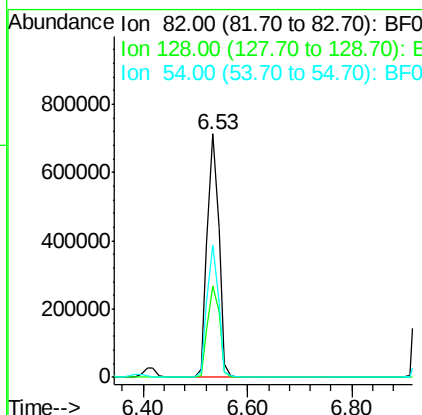
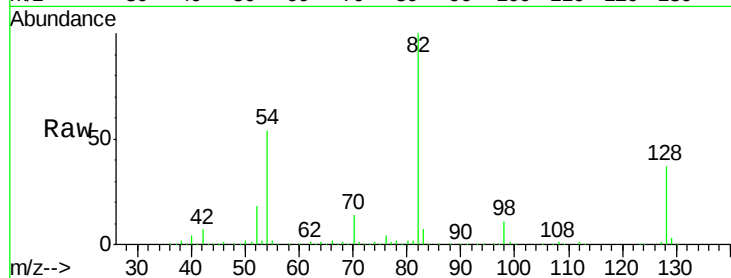
#23
 Nitrobenzene-d5
 Concen: 78.96 ng
 RT: 6.53 min Scan# 424
 Delta R.T. 0.00 min
 Lab File: BF083611.D
 Acq: 8 Dec 2015 23:20

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	82	Resp	111542
Ion Ratio	100	Lower	Upper
128	37.4	30.7	46.1
54	54.1	42.5	63.7

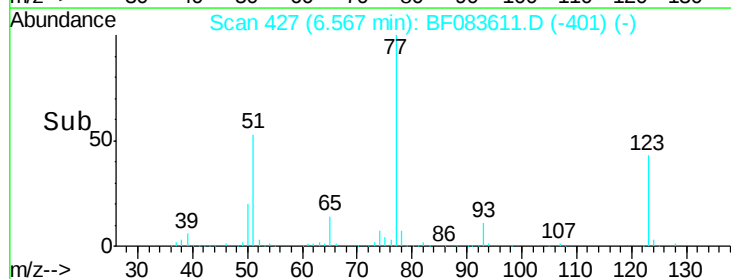
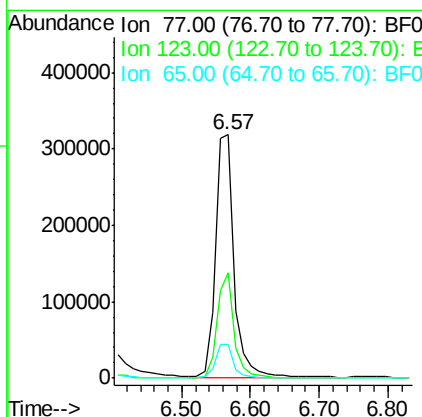
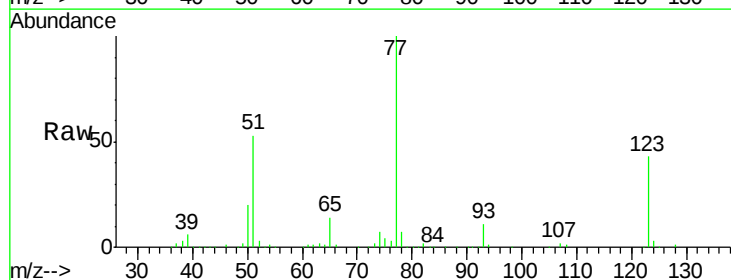
Manual Integrations
 APPROVED

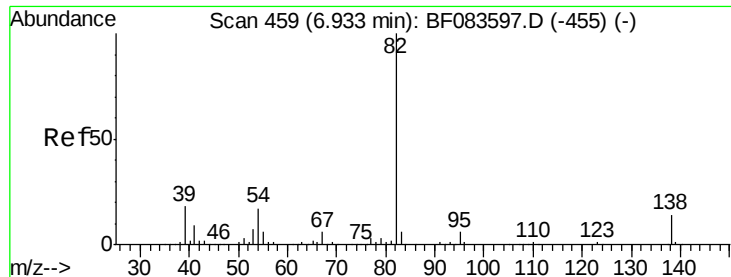
Mmdadoda
 12/9/2015 6:13:27 PM



#24
 Nitrobenzene
 Concen: 38.52 ng
 RT: 6.57 min Scan# 427
 Delta R.T. 0.00 min
 Lab File: BF083611.D
 Acq: 8 Dec 2015 23:20

Tgt Ion	77	Resp	601577
Ion Ratio	100	Lower	Upper
123	43.1	29.8	44.6
65	13.8	11.1	16.7





#25

Isophorone

Concen: 39.77 ng

RT: 6.93 min Scan# 459

Delta R.T. 0.00 min

Lab File: BF083611.D

Acq: 8 Dec 2015 23:20

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion: 82 Resp: 1090296

Ion Ratio Lower Upper

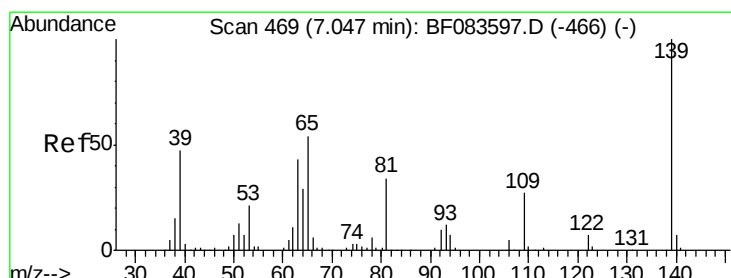
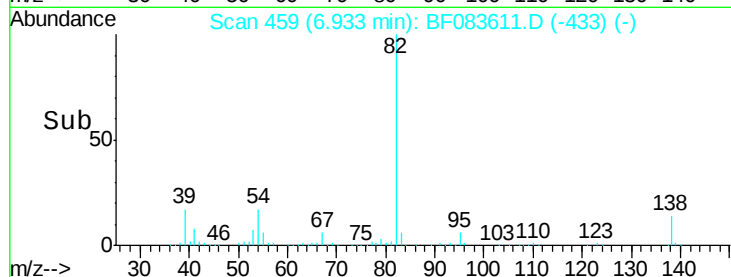
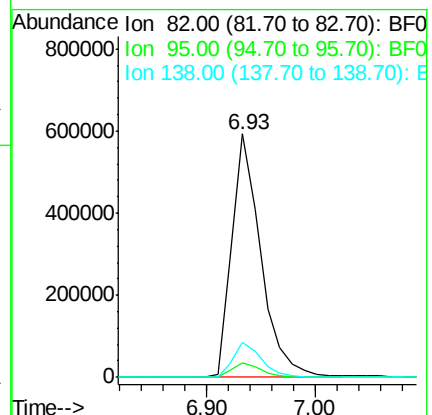
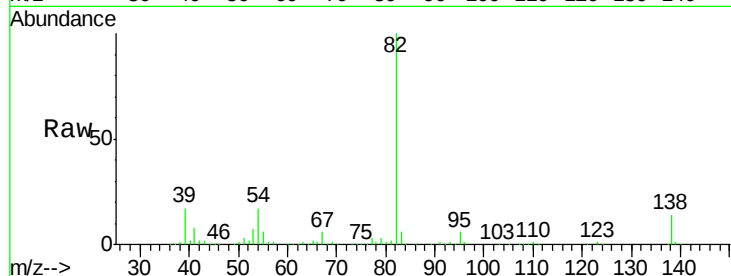
82 100

95 6.2 5.0 7.4

138 14.1 12.1 18.1

Manual Integrations
APPROVED

Mmdadoda
12/9/2015 6:13:27 PM



#26

2-Nitrophenol

Concen: 41.06 ng

RT: 7.05 min Scan# 469

Delta R.T. 0.00 min

Lab File: BF083611.D

Acq: 8 Dec 2015 23:20

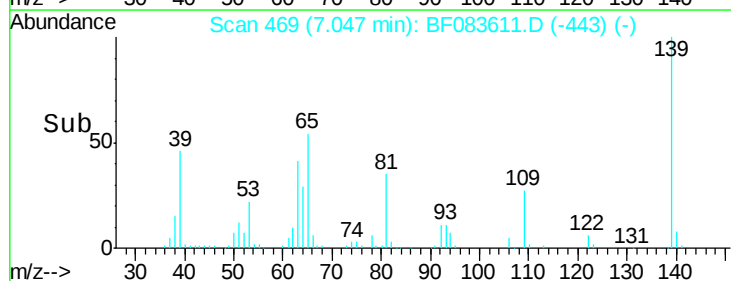
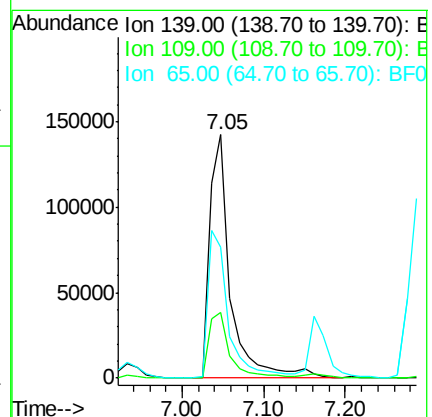
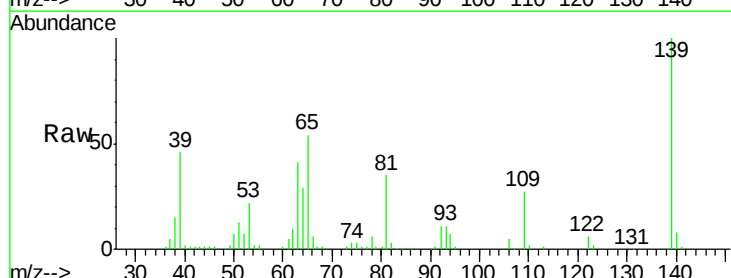
Tgt Ion: 139 Resp: 254622

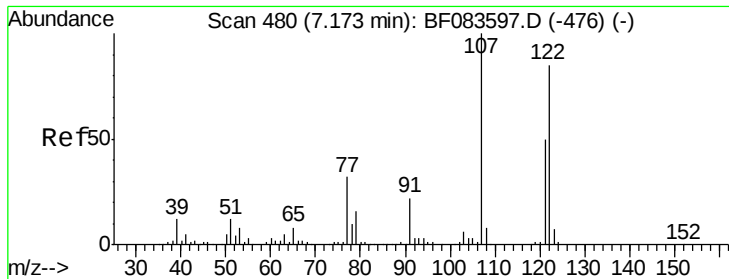
Ion Ratio Lower Upper

139 100

109 26.9 22.7 34.1

65 54.0 51.8 77.8





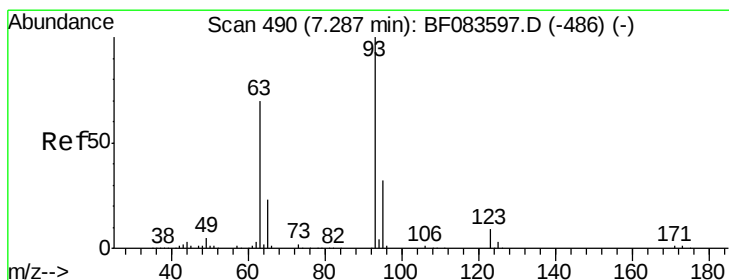
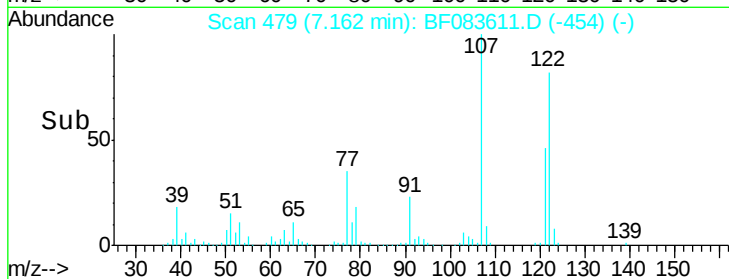
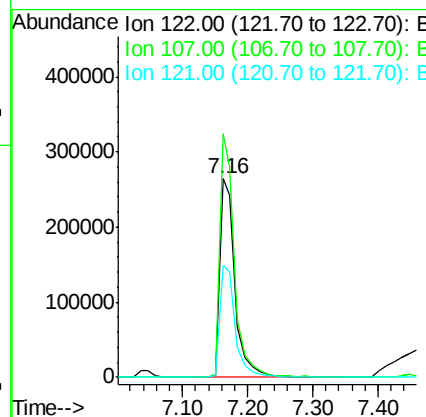
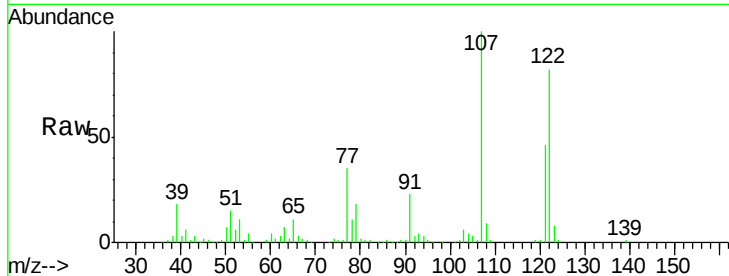
#27
 2,4-Dimethylphenol
 Concen: 40.50 ng
 RT: 7.16 min Scan# 479
 Delta R.T. -0.01 min
 Lab File: BF083611.D
 Acq: 8 Dec 2015 23:20

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
122	100	439253		
107	122.5	92.4	138.6	
121	56.4	45.8	68.6	

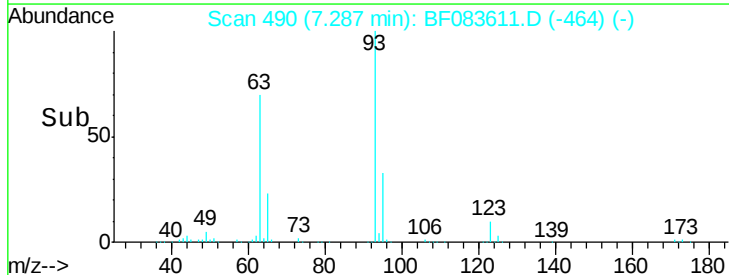
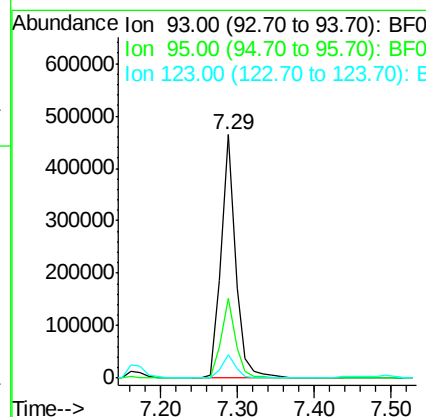
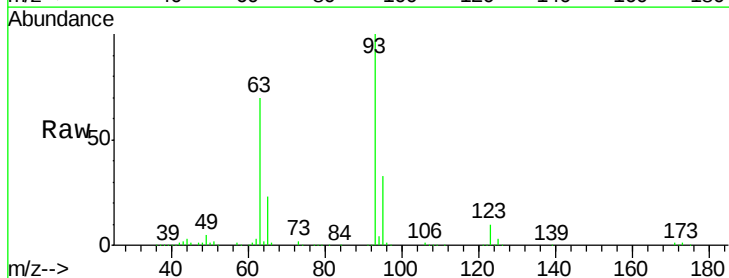
Manual Integrations
 APPROVED

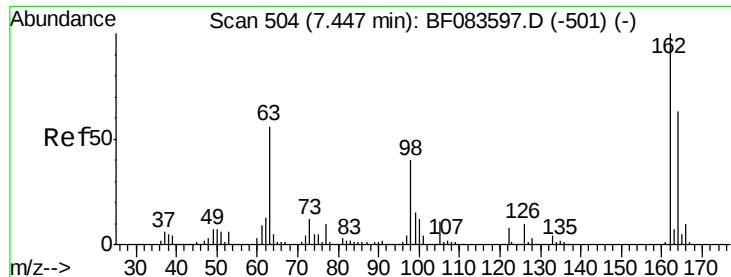
Mmdadoda
 12/9/2015 6:13:27 PM



#28
 bis(2-Chloroethoxy)methane
 Concen: 40.57 ng
 RT: 7.29 min Scan# 490
 Delta R.T. 0.00 min
 Lab File: BF083611.D
 Acq: 8 Dec 2015 23:20

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	617713		
95	32.8	25.6	38.4	
123	9.5	7.3	10.9	





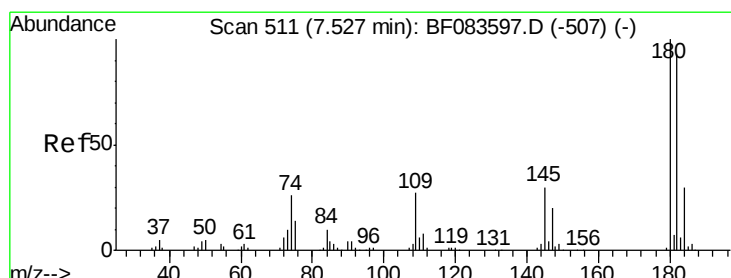
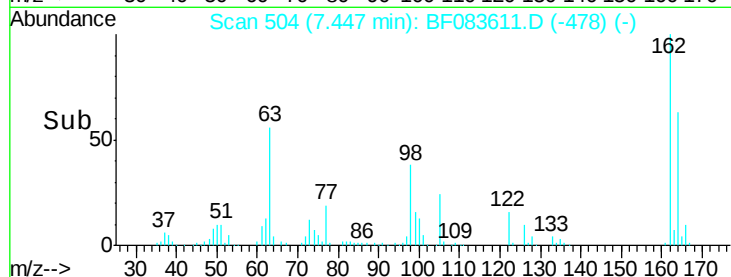
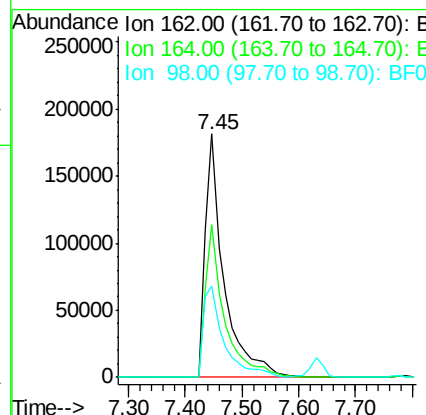
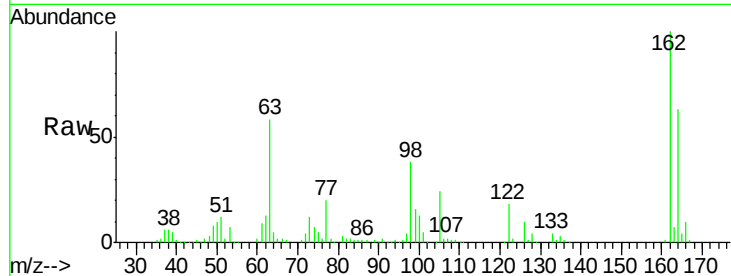
#29
 2,4-Dichlorophenol
 Concen: 40.70 ng
 RT: 7.45 min Scan# 504
 Delta R.T. 0.00 min
 Lab File: BF083611.D
 Acq: 8 Dec 2015 23:20

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:	162	Resp:	401513
Ion Ratio	Lower	Upper	
162	100		
164	62.7	43.4	83.4
98	37.6	17.5	57.5

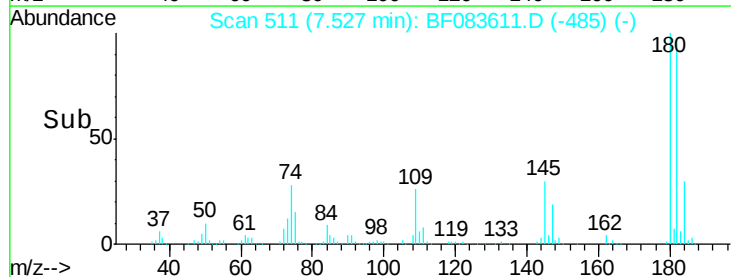
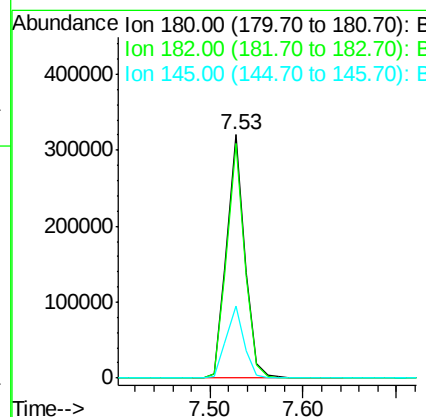
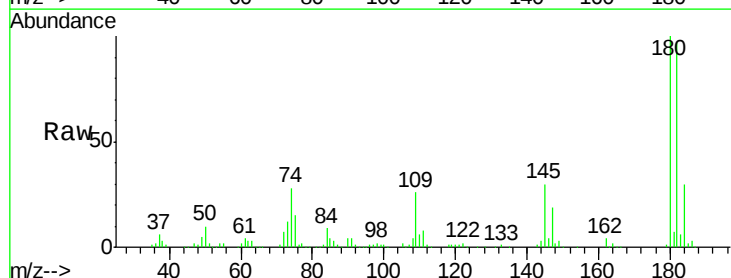
Manual Integrations
 APPROVED

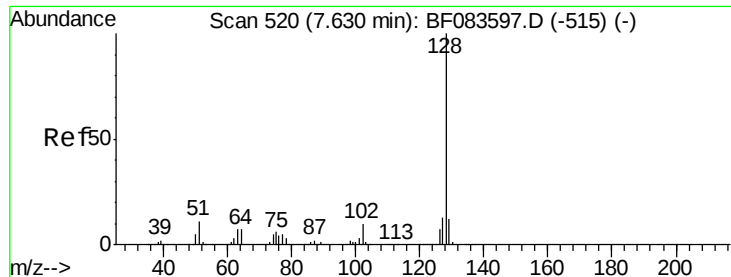
Mmdadoda
 12/9/2015 6:13:27 PM



#30
 1,2,4-Trichlorobenzene
 Concen: 39.88 ng
 RT: 7.53 min Scan# 511
 Delta R.T. 0.00 min
 Lab File: BF083611.D
 Acq: 8 Dec 2015 23:20

Tgt Ion:	180	Resp:	434598
Ion Ratio	Lower	Upper	
180	100		
182	96.6	74.9	112.3
145	29.8	24.7	37.1





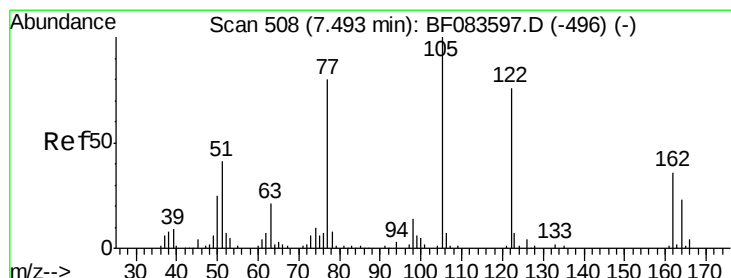
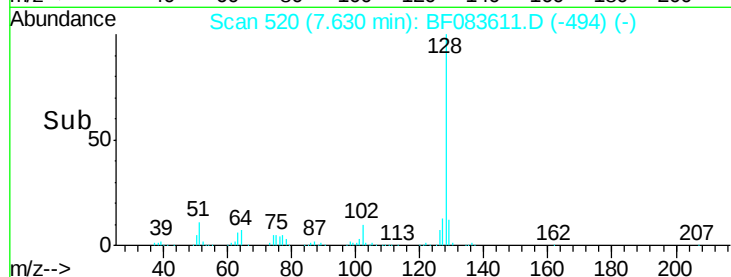
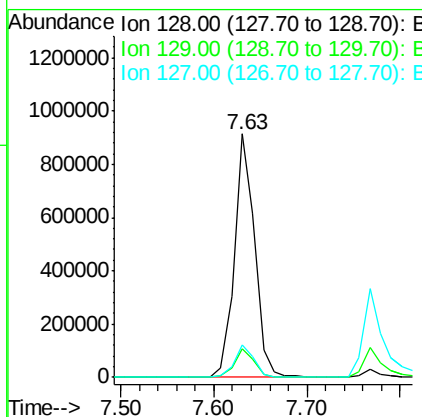
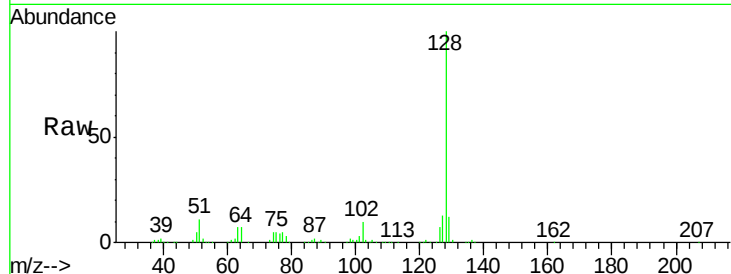
#31
Naphthalene
Concen: 39.62 ng
RT: 7.63 min Scan# 520
Delta R.T. 0.00 min
Lab File: BF083611.D
Acq: 8 Dec 2015 23:20

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:128 Resp: 1383302
Ion Ratio Lower Upper
128 100
129 11.6 8.6 13.0
127 13.2 10.6 16.0

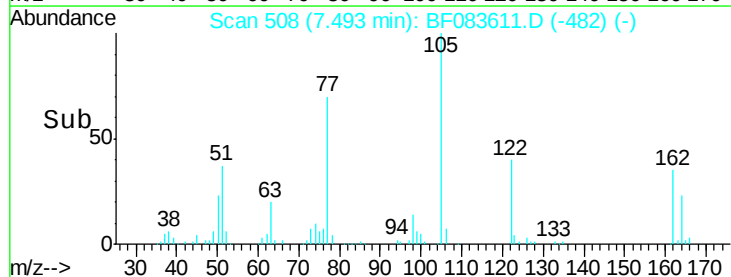
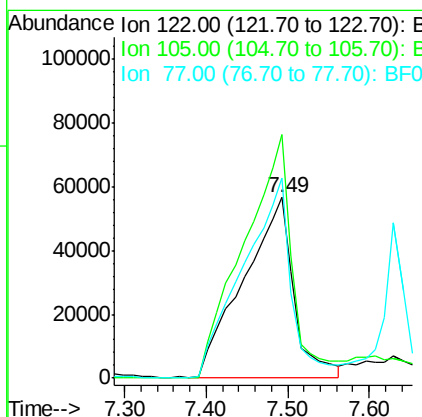
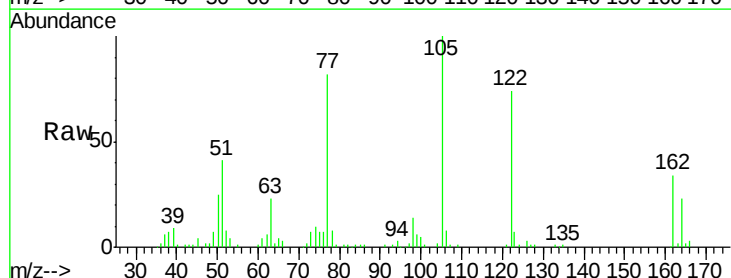
Manual Integrations
APPROVED

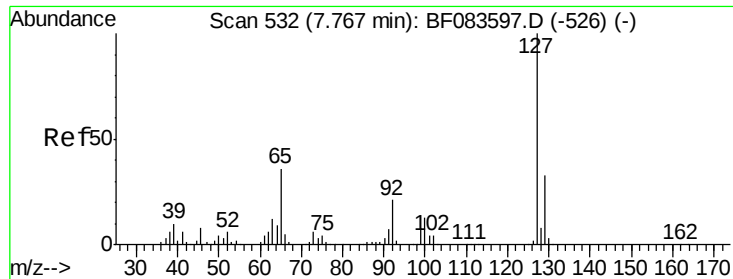
Mmdadoda
12/9/2015 6:13:27 PM



#32
Benzoic acid
Concen: 35.81 ng
RT: 7.49 min Scan# 508
Delta R.T. 0.00 min
Lab File: BF083611.D
Acq: 8 Dec 2015 23:20

Tgt Ion:122 Resp: 243276
Ion Ratio Lower Upper
122 100
105 135.1 105.6 145.6
77 111.0 86.8 126.8





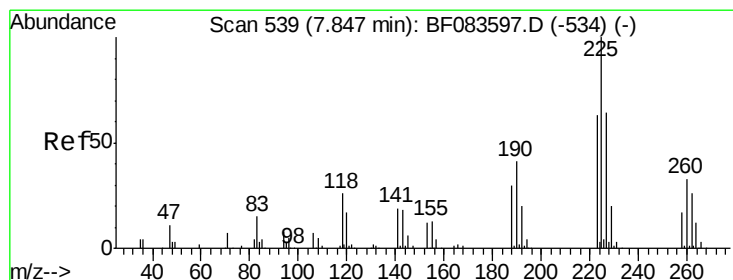
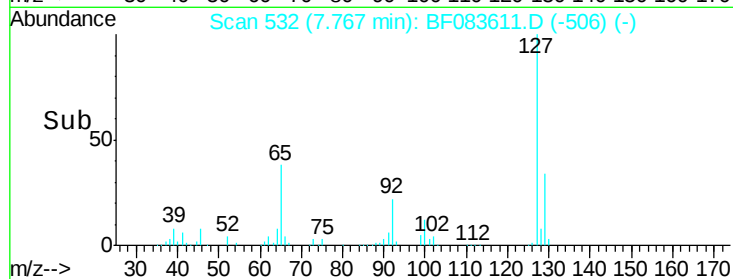
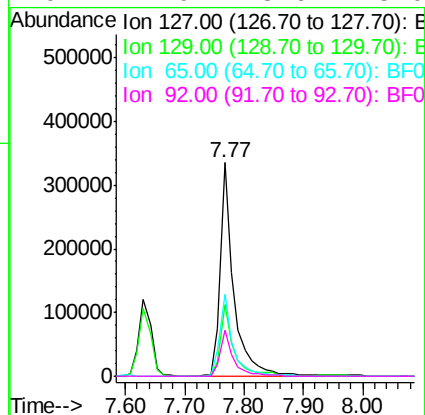
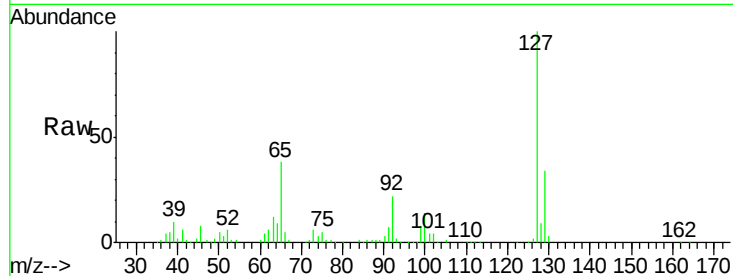
#33
4-Chloroaniline
Concen: 41.01 ng
RT: 7.77 min Scan# 532
Delta R.T. 0.00 min
Lab File: BF083611.D
Acq: 8 Dec 2015 23:20

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	33.7		26.1	39.1	
65	38.2		33.5	50.3	
92	21.9		18.6	28.0	

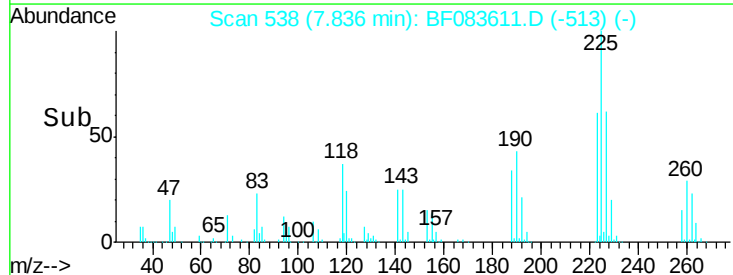
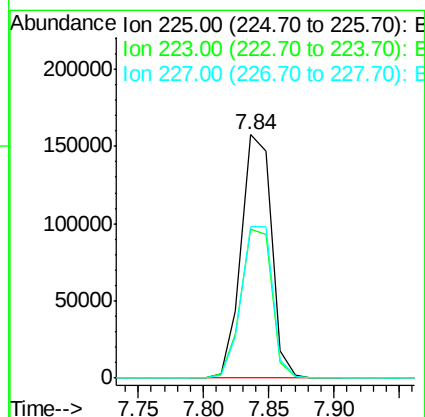
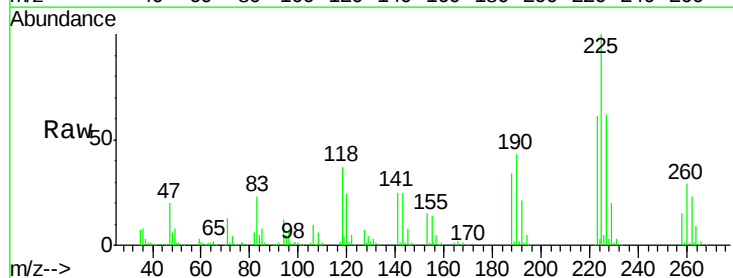
Manual Integrations
APPROVED

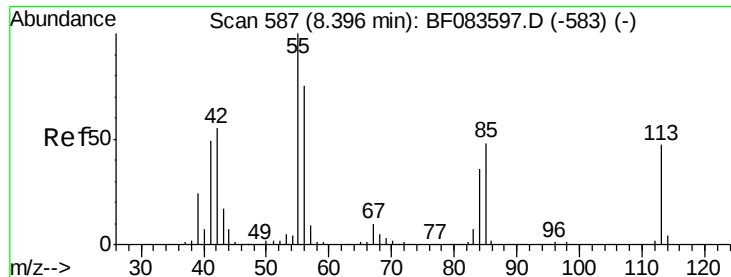
Mmdadoda
12/9/2015 6:13:27 PM



#34
Hexachlorobutadiene
Concen: 40.07 ng
RT: 7.84 min Scan# 538
Delta R.T. -0.01 min
Lab File: BF083611.D
Acq: 8 Dec 2015 23:20

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	61.1		52.3	78.5	
227	62.2		50.4	75.6	





#35

Caprolactam

Concen: 41.69 ng

RT: 8.38 min Scan# 586

Delta R.T. -0.01 min

Lab File: BF083611.D

Acq: 8 Dec 2015 23:20

Instrument :

BNA_F

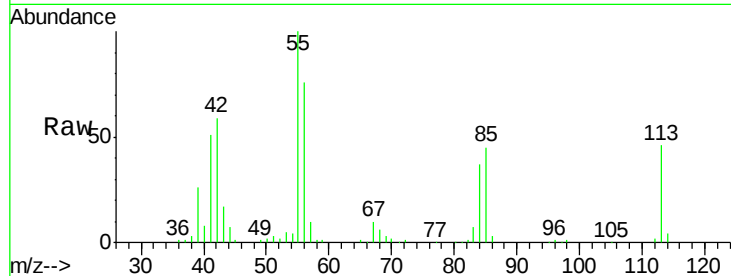
ClientSampleId :

SSTDCCC040

Tot Ion	Ratio	Lower	Upper
113	100		
55	216.8	189.7	229.7
56	164.3	130.7	170.7

Manual Integrations
APPROVED

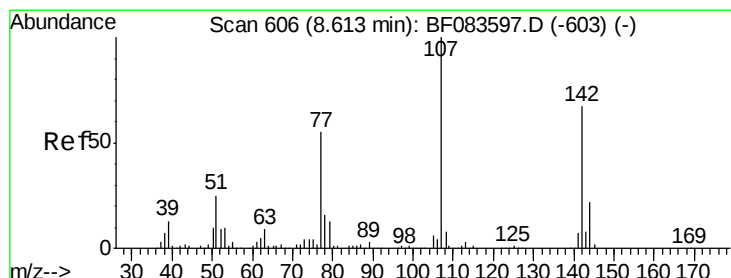
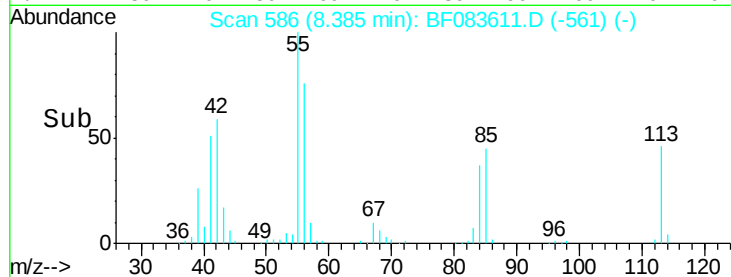
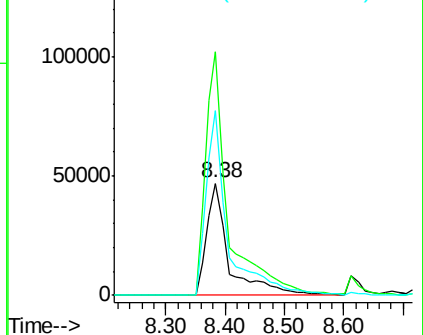
Mmdadoda
12/9/2015 6:13:27 PM



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 40.34 ng

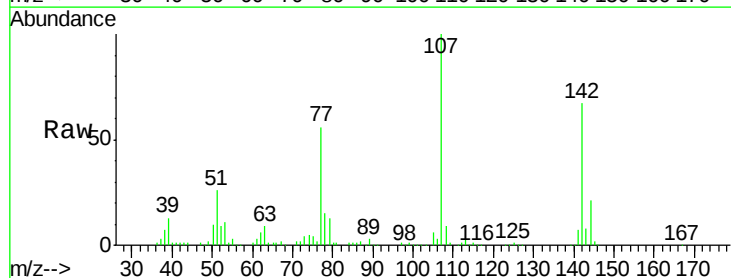
RT: 8.61 min Scan# 606

Delta R.T. 0.00 min

Lab File: BF083611.D

Acq: 8 Dec 2015 23:20

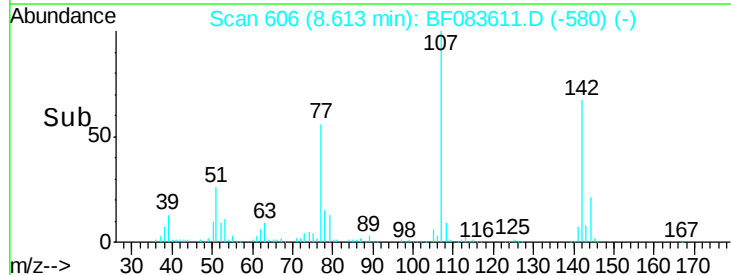
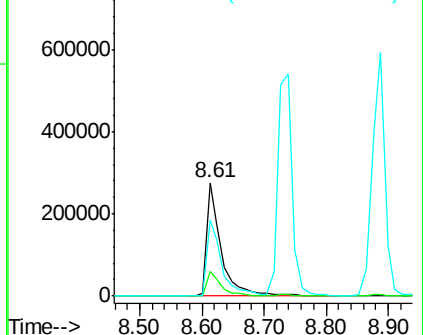
Tgt Ion	Ratio	Lower	Upper
107	100		
144	21.4	17.5	26.3
142	66.7	53.6	80.4

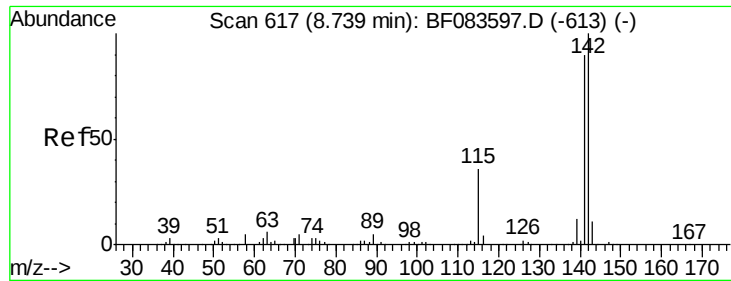


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





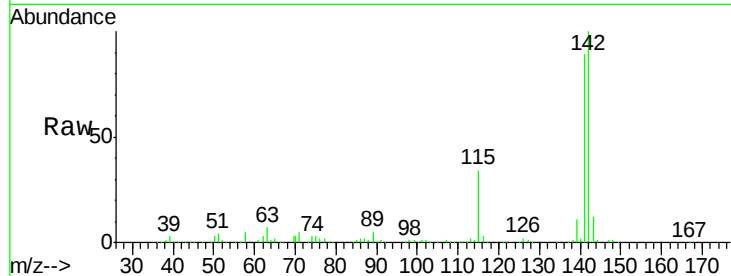
#37
2-Methylnaphthalene
Concen: 39.57 ng
RT: 8.74 min Scan# 617
Delta R.T. 0.00 min
Lab File: BF083611.D
Acq: 8 Dec 2015 23:20

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.5	70.3	105.5
115	34.1	29.2	43.8

Manual Integrations
APPROVED

Mmdadoda
12/9/2015 6:13:27 PM

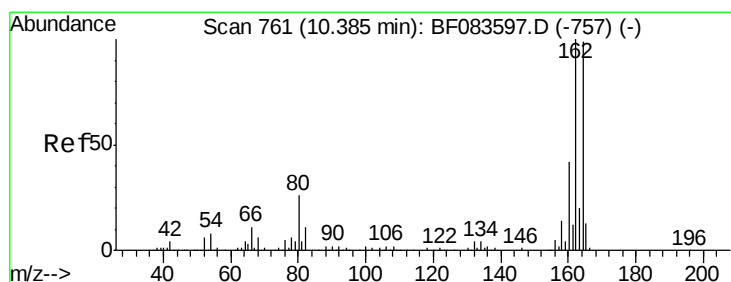
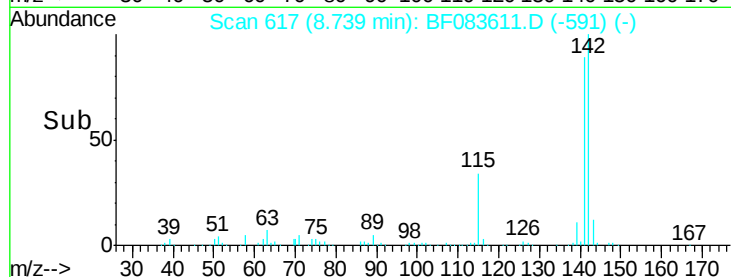
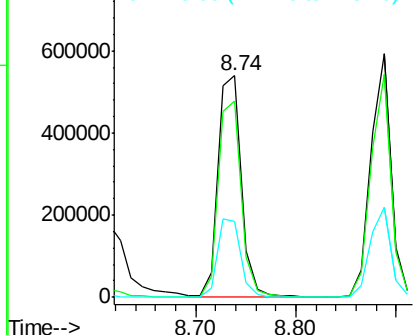


Abundance

Ion 142.00 (141.70 to 142.70): E

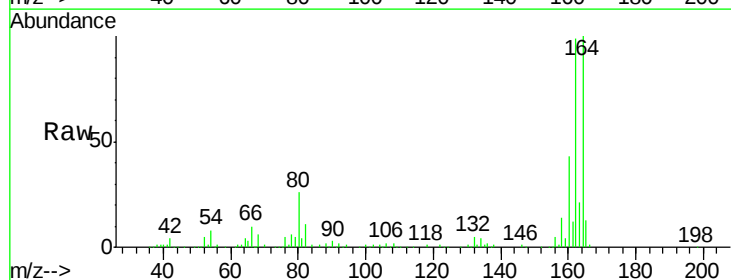
Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.38 min Scan# 761
Delta R.T. 0.00 min
Lab File: BF083611.D
Acq: 8 Dec 2015 23:20

Tgt Ion	Ratio	Lower	Upper
164	100		
162	99.4	78.8	118.2
160	43.3	33.4	50.2

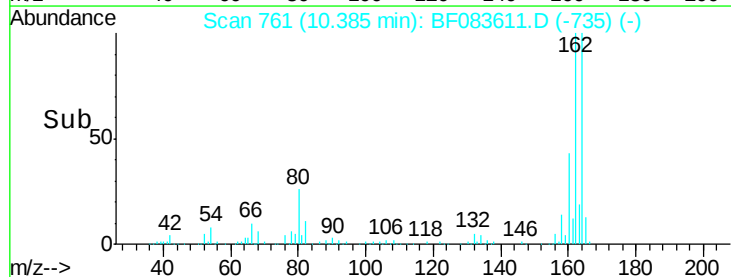
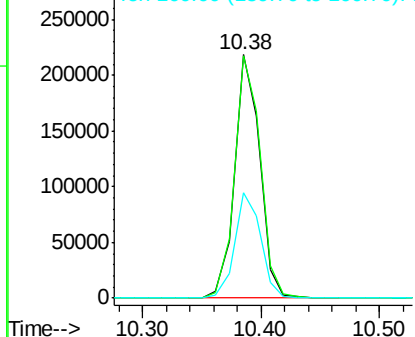


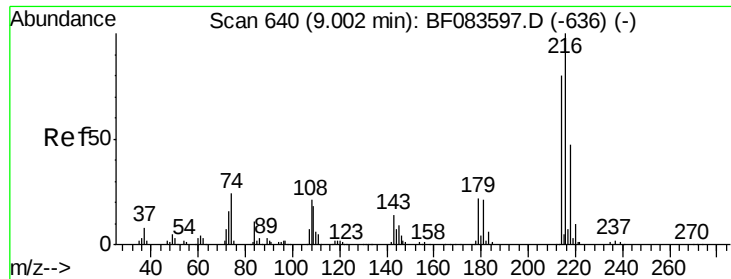
Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#39

1,2,4,5-Tetrachlorobenzene

Concen: 39.45 ng

RT: 9.00 min Scan# 640

Delta R.T. 0.00 min

Lab File: BF083611.D

Acq: 8 Dec 2015 23:20

Instrument :

BNA_F

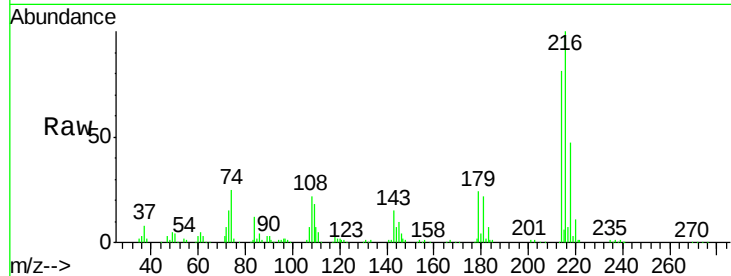
ClientSampleId :

SSTDCCC040

Tot Ion	Ion	Ratio	Resp	Lower	Upper
216	100		415984		
214	80.9	0.0	0.0#		
179	21.5	0.0	0.0#		
108	19.2	0.0	0.0#		

Manual Integrations
APPROVED

Mmdadoda
12/9/2015 6:13:27 PM

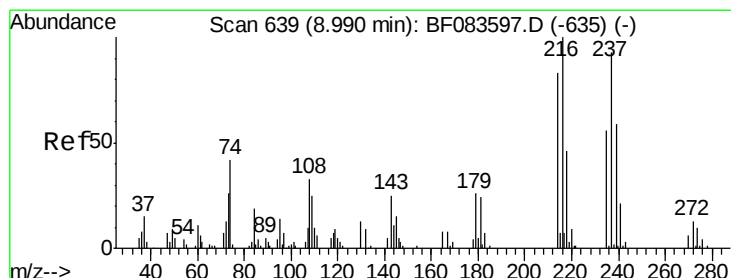
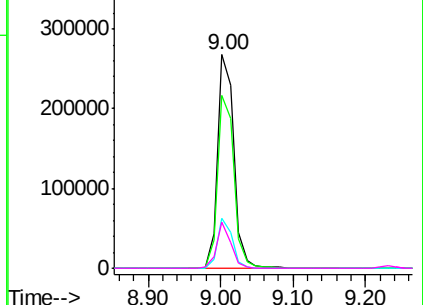
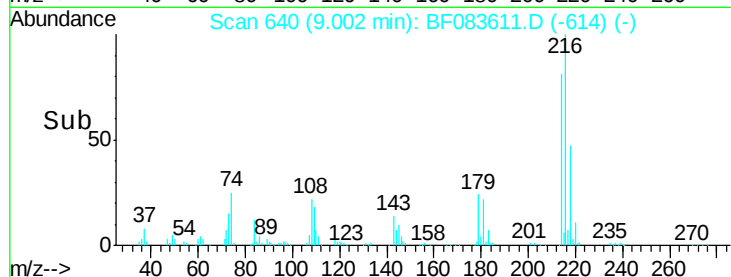


Abundance Ion 216.00 (215.70 to 216.70): E

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: 43.38 ng

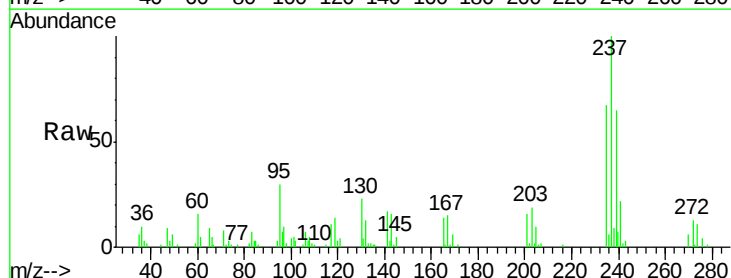
RT: 8.98 min Scan# 638

Delta R.T. -0.01 min

Lab File: BF083611.D

Acq: 8 Dec 2015 23:20

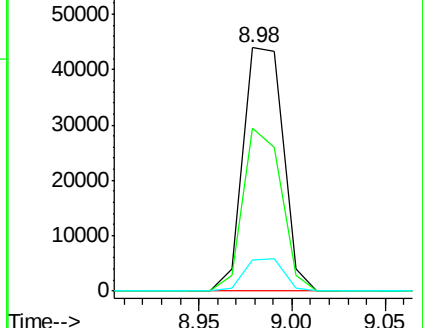
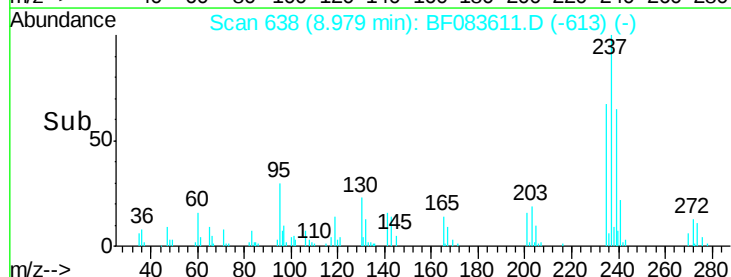
Tgt Ion	Ion	Ratio	Resp	Lower	Upper
237	100		65223		
235	67.2	43.9	83.9		
272	12.5	0.0	31.8		

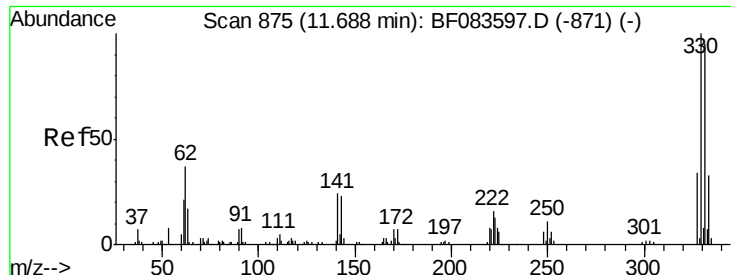


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E





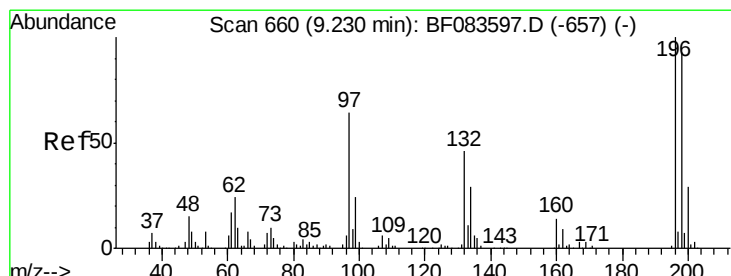
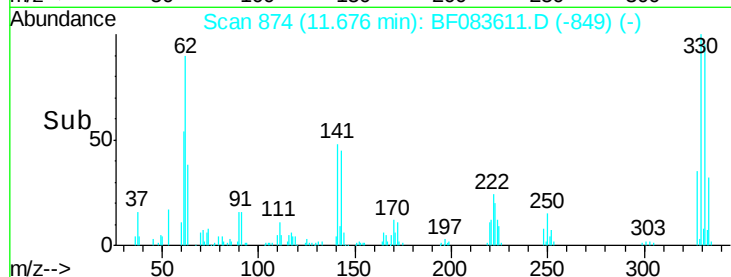
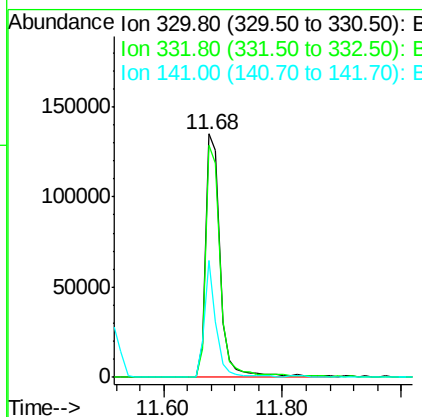
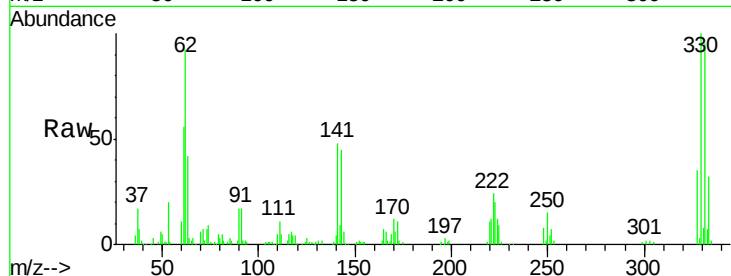
#41
 2,4,6-Tribromophenol
 Concen: 82.57 ng
 RT: 11.68 min Scan# 874
 Delta R.T. -0.01 min
 Lab File: BF083611.D
 Acq: 8 Dec 2015 23:20

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp Lower	Upper
330	100		
332	95.9	0.0	0.0#
141	38.4	0.0	0.0#

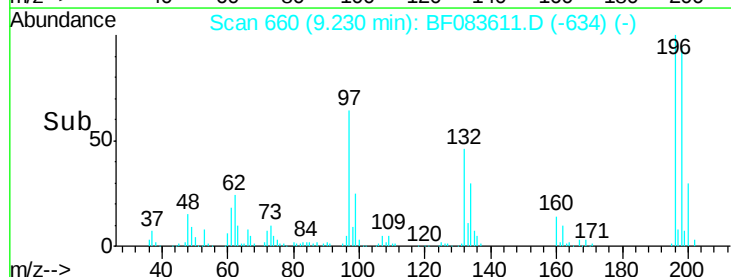
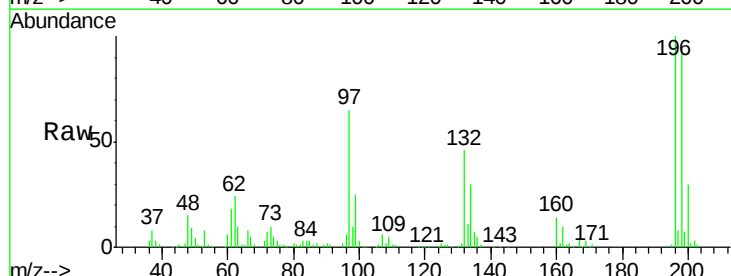
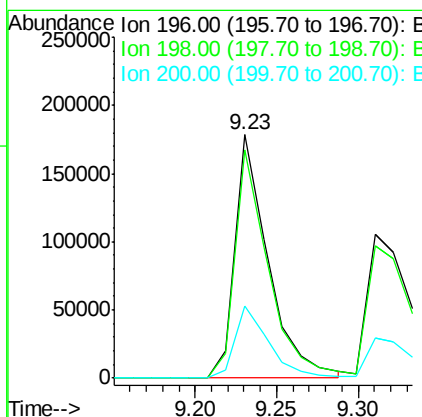
Manual Integrations
 APPROVED

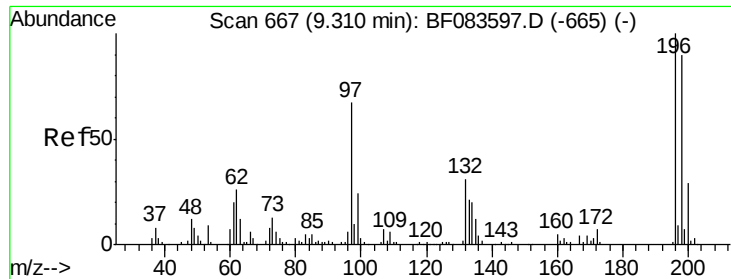
Mmdadoda
 12/9/2015 6:13:27 PM



#42
 2,4,6-Trichlorophenol
 Concen: 40.07 ng
 RT: 9.23 min Scan# 660
 Delta R.T. 0.00 min
 Lab File: BF083611.D
 Acq: 8 Dec 2015 23:20

Tgt Ion	Ratio	Resp Lower	Upper
196	100		
198	93.7	75.2	112.8
200	29.7	23.0	34.6





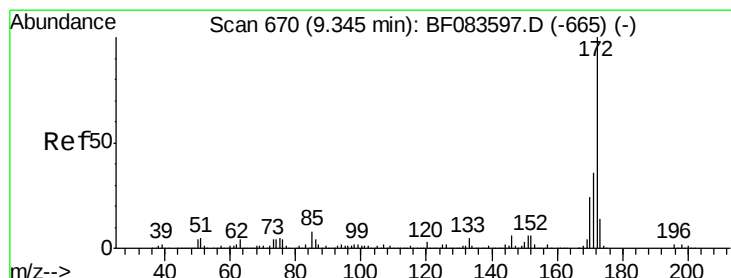
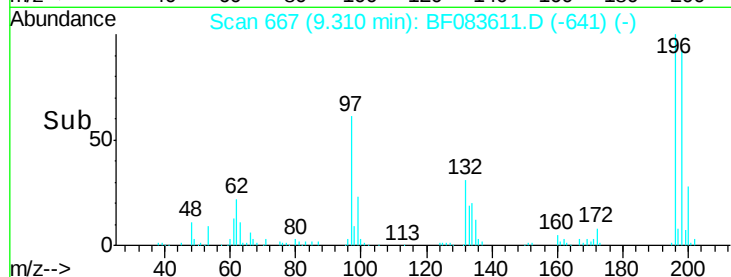
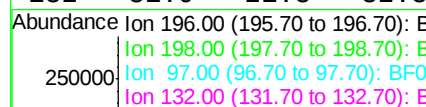
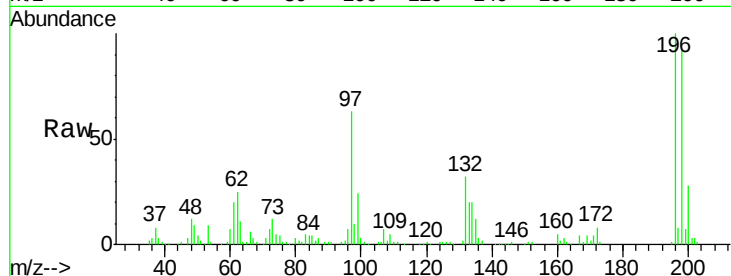
#43
2,4,5-Trichlorophenol
Concen: 41.84 ng
RT: 9.31 min Scan# 667
Delta R.T. 0.00 min
Lab File: BF083611.D
Acq: 8 Dec 2015 23:20

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ion	Ratio	Resp	Lower	Upper
196	100		259898		
198	92.1		77.7	116.5	
97	63.4		41.2	61.8	
132	31.9		21.8	32.8	

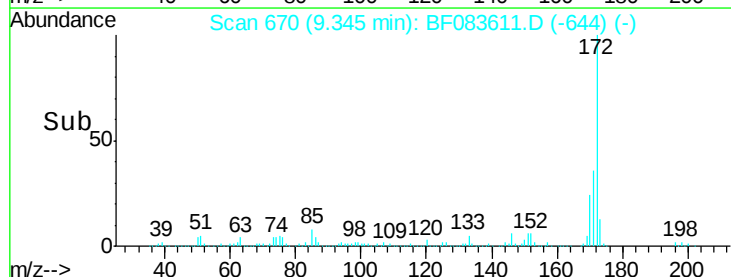
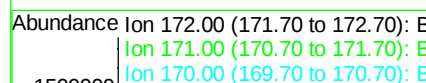
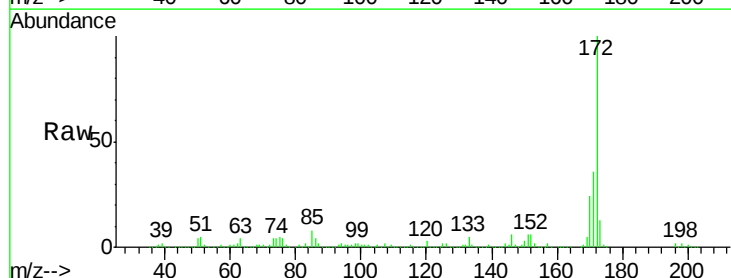
Manual Integrations
APPROVED

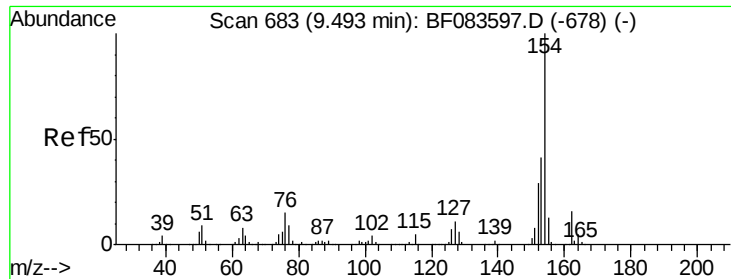
Mmdadoda
12/9/2015 6:13:27 PM



#44
2-Fluorobiphenyl
Concen: 77.86 ng
RT: 9.34 min Scan# 670
Delta R.T. 0.00 min
Lab File: BF083611.D
Acq: 8 Dec 2015 23:20

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
172	100		1776588		
171	36.3		28.6	42.8	
170	24.4		19.4	29.0	





#45

1,1'-Biphenyl

Concen: 39.60 ng

RT: 9.49 min Scan# 683

Delta R.T. 0.00 min

Lab File: BF083611.D

Acq: 8 Dec 2015 23:20

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:154 Resp: 1105400

Ion Ratio Lower Upper

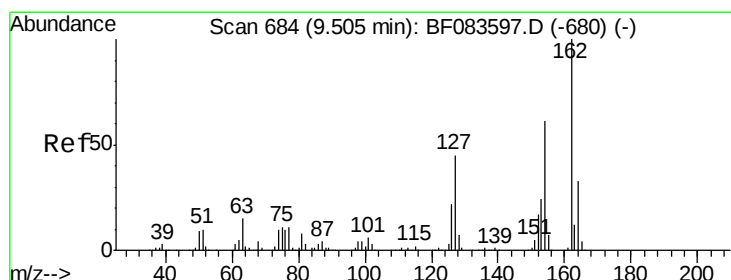
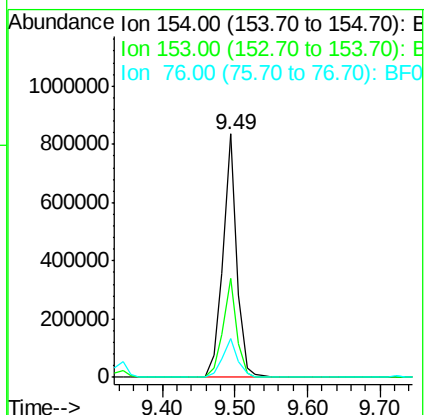
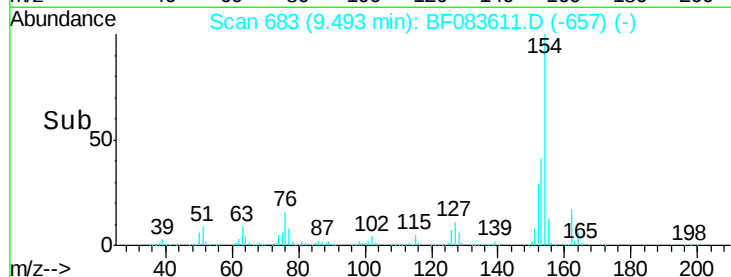
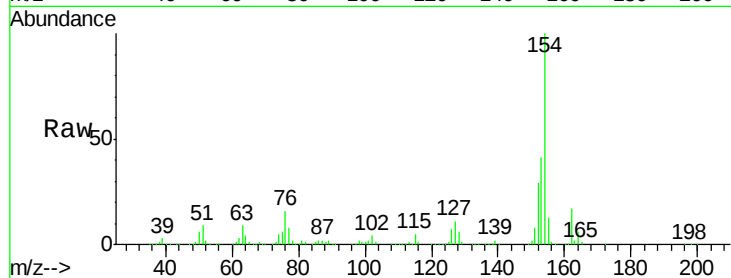
154 100

153 40.8 20.2 60.2

76 15.7 0.0 34.8

Manual Integrations
APPROVED

Mmdadoda
12/9/2015 6:13:27 PM



#46

2-Chloronaphthalene

Concen: 39.98 ng

RT: 9.50 min Scan# 684

Delta R.T. 0.00 min

Lab File: BF083611.D

Acq: 8 Dec 2015 23:20

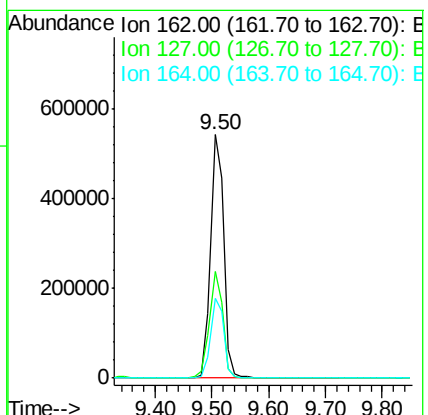
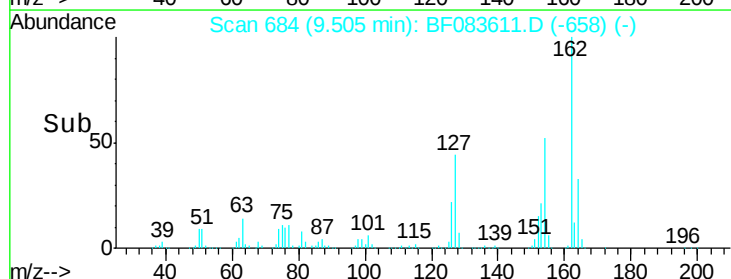
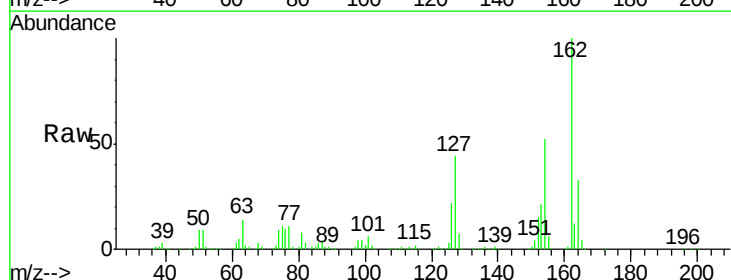
Tgt Ion:162 Resp: 842691

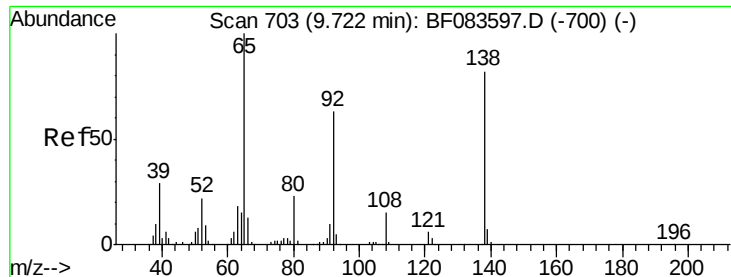
Ion Ratio Lower Upper

162 100

127 43.9 31.0 46.4

164 32.8 27.4 41.0





#47

2-Nitroaniline

Concen: 41.64 ng

RT: 9.72 min Scan# 703

Delta R.T. 0.00 min

Lab File: BF083611.D

Acq: 8 Dec 2015 23:20

Instrument :

BNA_F

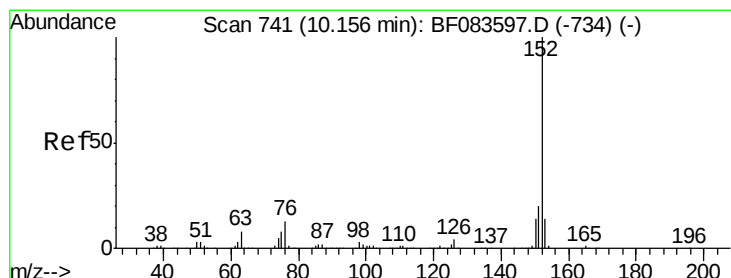
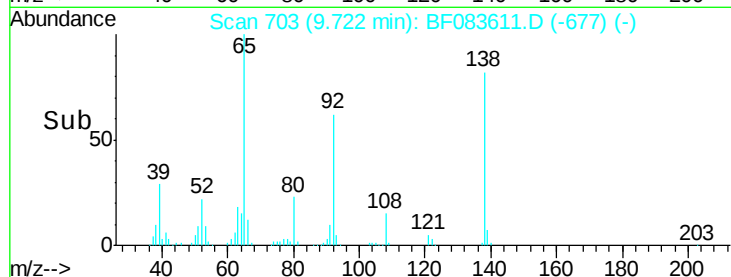
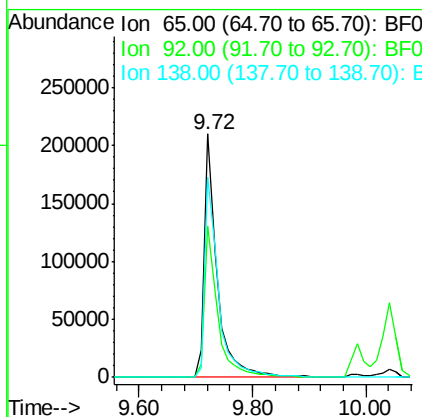
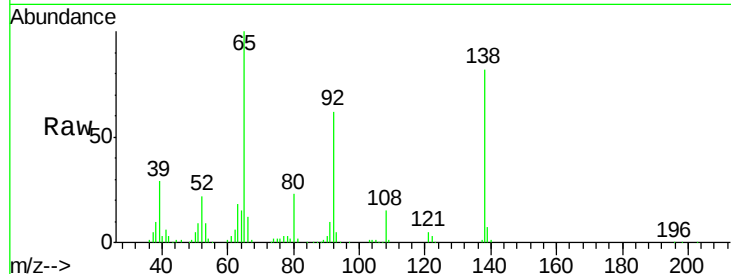
ClientSampleId :

SSTDCCC040

Tot Ion:	65	Resp:	316478
Ion Ratio	Lower	Upper	
65	100		
92	62.1	49.6	74.4
138	82.4	64.1	96.1

Manual Integrations
APPROVED

Mmdadoda
12/9/2015 6:13:27 PM



#48

Acenaphthylene

Concen: 39.66 ng

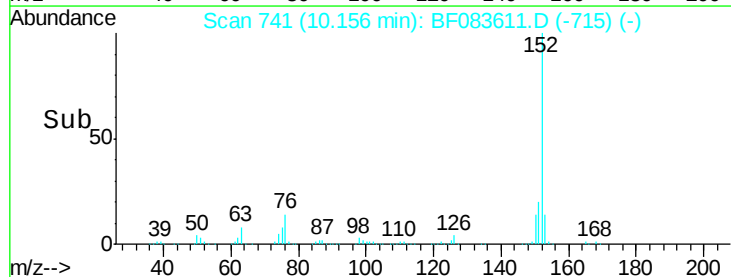
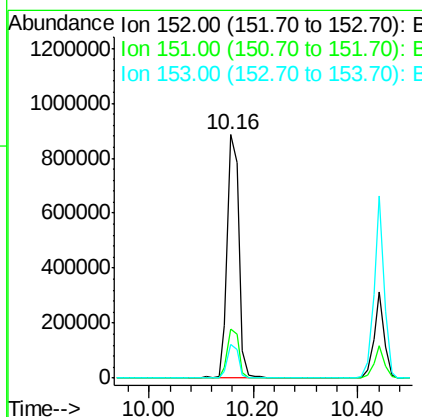
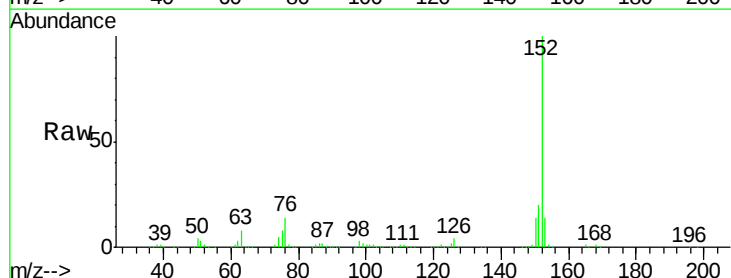
RT: 10.16 min Scan# 741

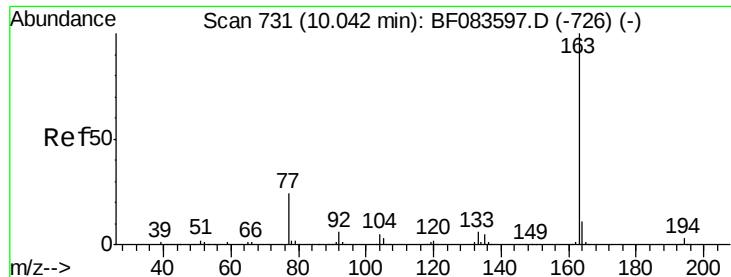
Delta R.T. 0.00 min

Lab File: BF083611.D

Acq: 8 Dec 2015 23:20

Tgt Ion:	152	Resp:	1378213
Ion Ratio	Lower	Upper	
152	100		
151	20.4	16.3	24.5
153	13.9	10.8	16.2





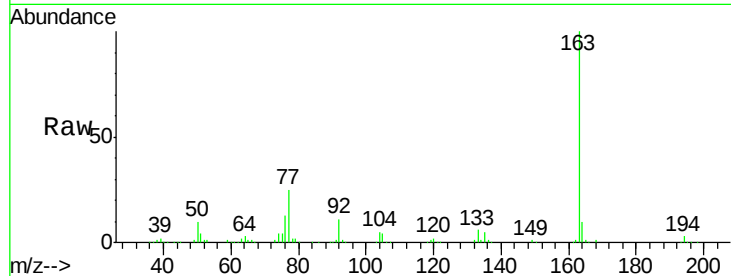
#49
Dimethylphthalate
Concen: 39.68 ng
RT: 10.04 min Scan# 731
Delta R.T. 0.00 min
Lab File: BF083611.D
Acq: 8 Dec 2015 23:20

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

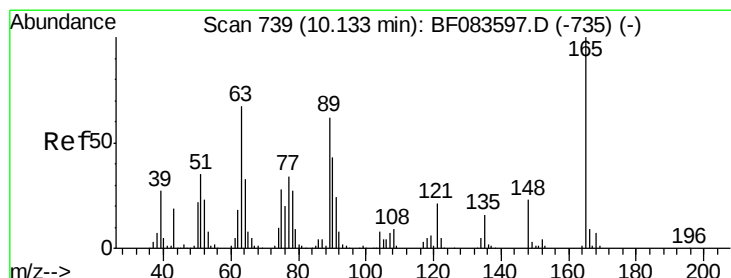
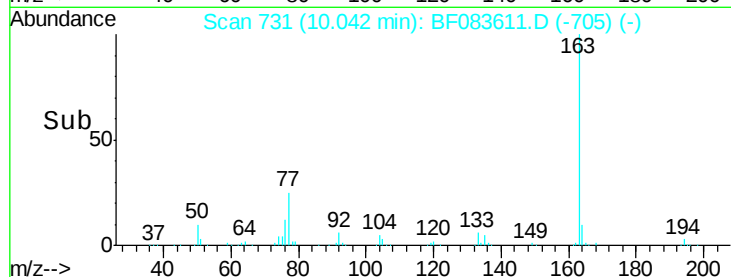
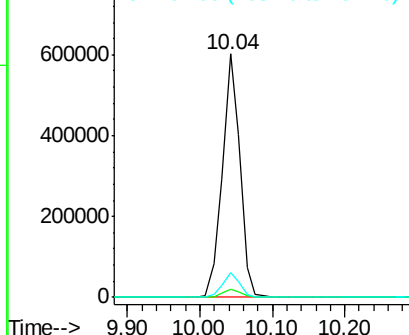
Tot Ion	Ratio	Lower	Upper
163	100		
194	3.2	2.8	4.2
164	10.3	8.6	13.0

Manual Integrations
APPROVED

Mmdadoda
12/9/2015 6:13:27 PM



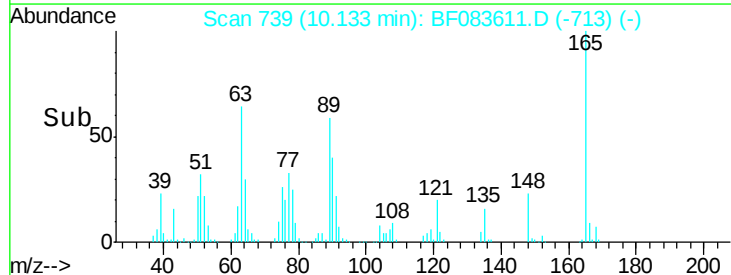
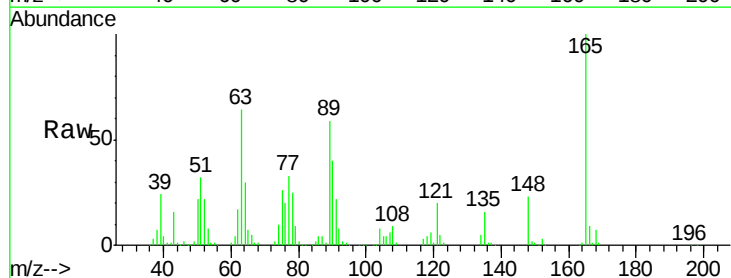
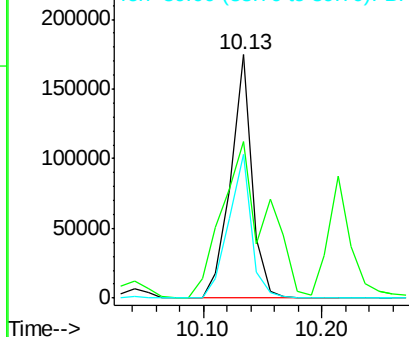
Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

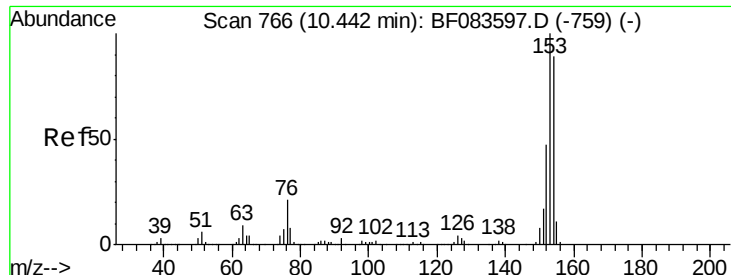


#50
2,6-Dinitrotoluene
Concen: 41.62 ng
RT: 10.13 min Scan# 739
Delta R.T. 0.00 min
Lab File: BF083611.D
Acq: 8 Dec 2015 23:20

Tgt Ion	Ratio	Lower	Upper
165	100		
63	64.1	56.9	85.3
89	59.1	52.1	78.1

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





#51

Acenaphthene

Concen: 40.09 ng

RT: 10.44 min Scan# 766

Delta R.T. 0.00 min

Lab File: BF083611.D

Acq: 8 Dec 2015 23:20

Instrument :

BNA_F

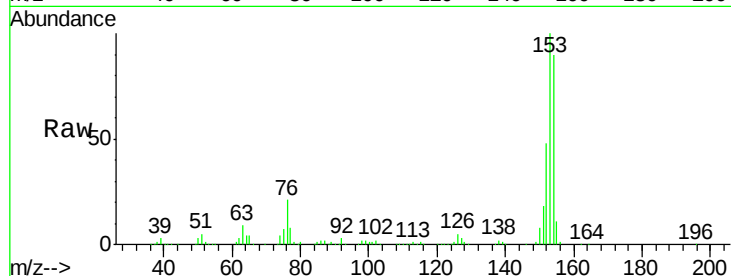
ClientSampleId :

SSTDCCC040

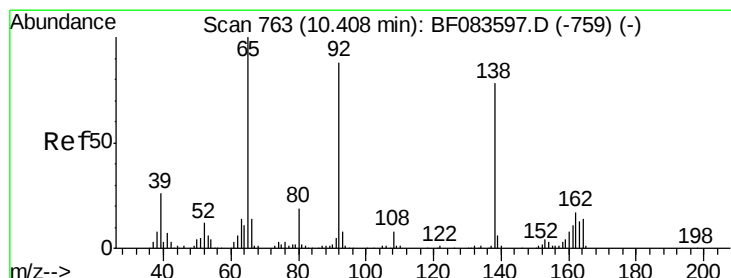
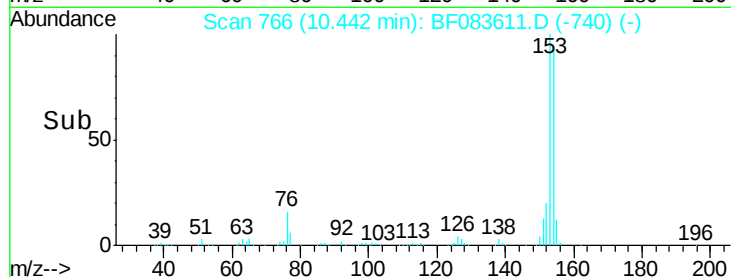
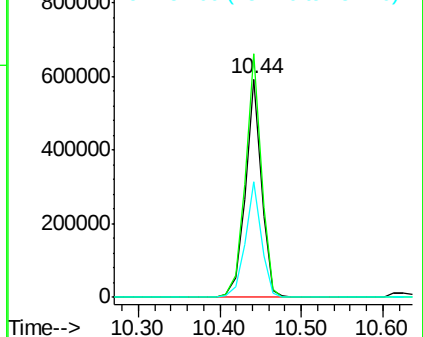
Tot Ion:	154	Resp:	797634
Ion Ratio	Lower	Upper	
154	100		
153	111.6	91.4	137.0
152	53.1	43.4	65.2

Manual Integrations
APPROVED

Mmdadoda
12/9/2015 6:13:27 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: 41.75 ng

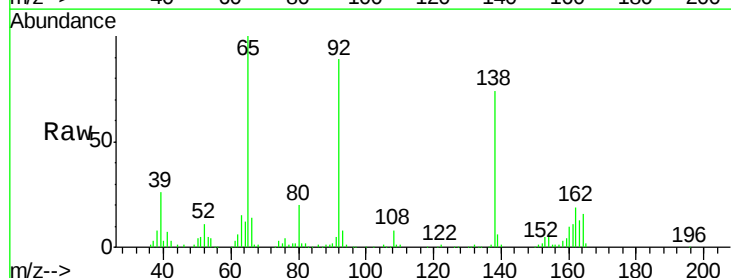
RT: 10.41 min Scan# 763

Delta R.T. 0.00 min

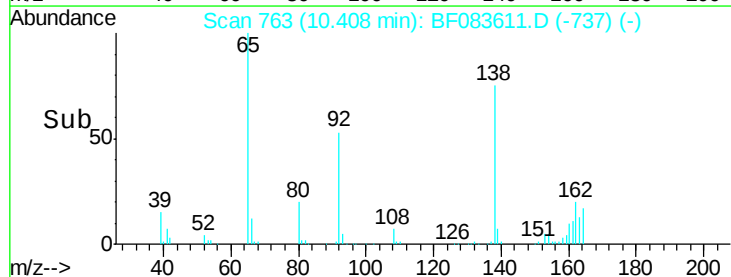
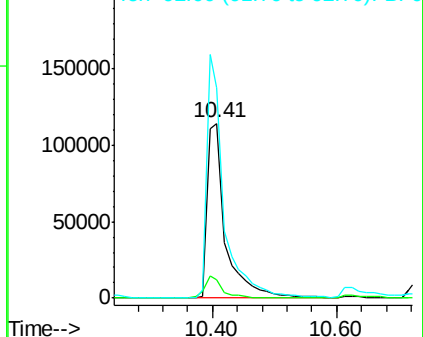
Lab File: BF083611.D

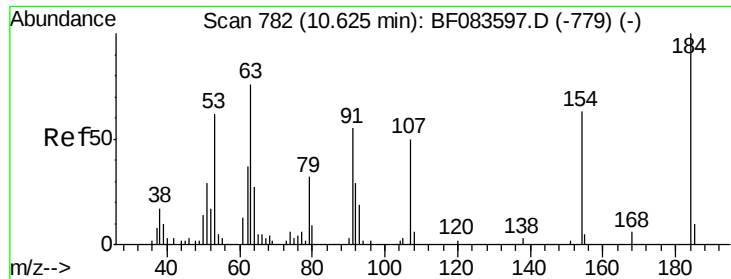
Acq: 8 Dec 2015 23:20

Tgt Ion:	138	Resp:	234190
Ion Ratio	Lower	Upper	
138	100		
108	10.6	9.9	14.9
92	120.6	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





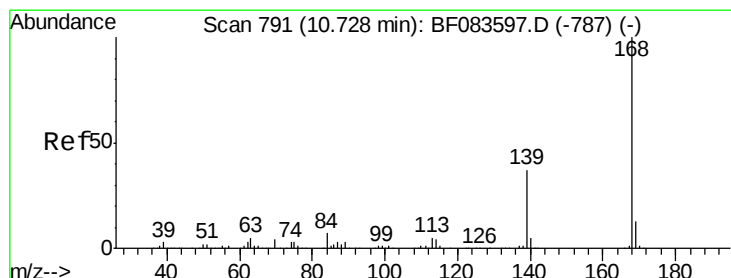
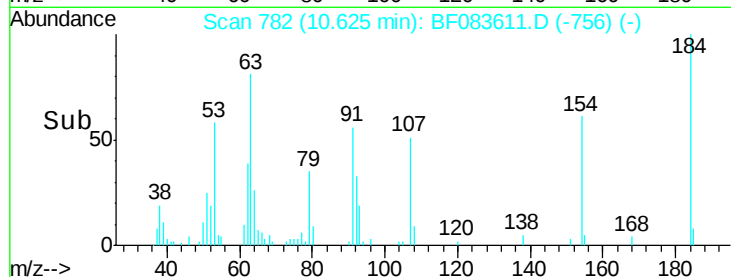
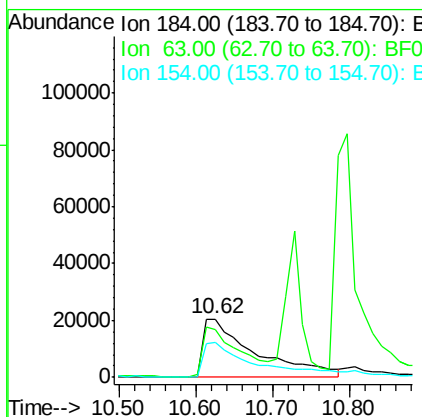
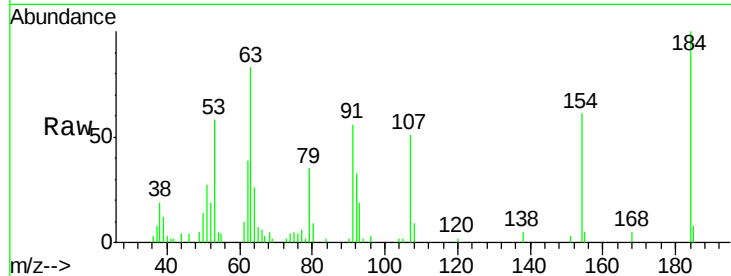
#53
 2,4-Dinitrophenol
 Concen: 40.35 ng
 RT: 10.62 min Scan# 782
 Delta R.T. 0.00 min
 Lab File: BF083611.D
 Acq: 8 Dec 2015 23:20

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
184	100		
63	82.6	62.4	93.6
154	60.6	46.6	69.8

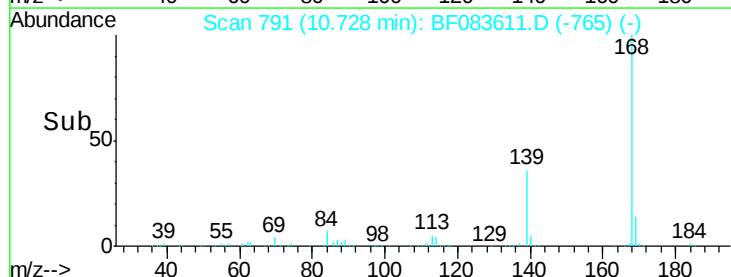
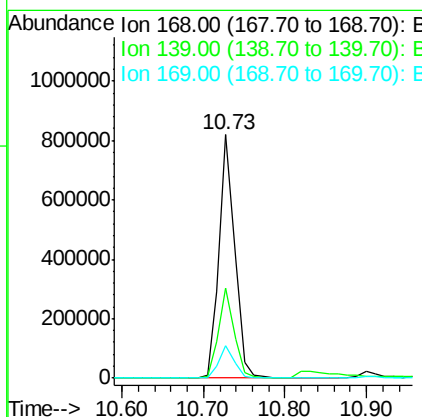
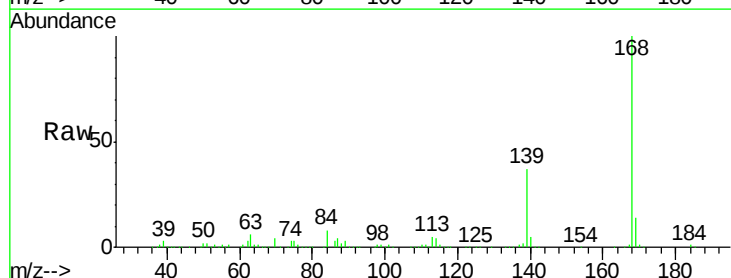
Manual Integrations
 APPROVED

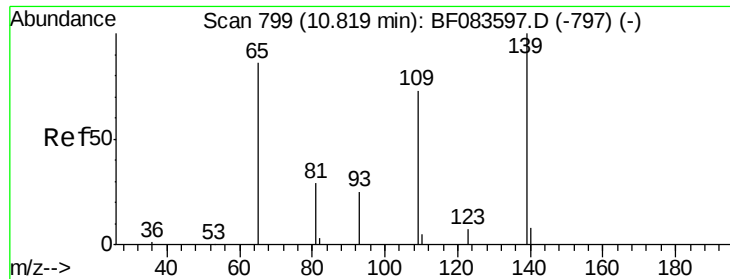
Mmdadoda
 12/9/2015 6:13:27 PM



#54
 Dibenzofuran
 Concen: 39.63 ng
 RT: 10.73 min Scan# 791
 Delta R.T. 0.00 min
 Lab File: BF083611.D
 Acq: 8 Dec 2015 23:20

Tgt Ion	Ratio	Lower	Upper
168	100		
139	36.8	28.0	42.0
169	13.6	10.8	16.2





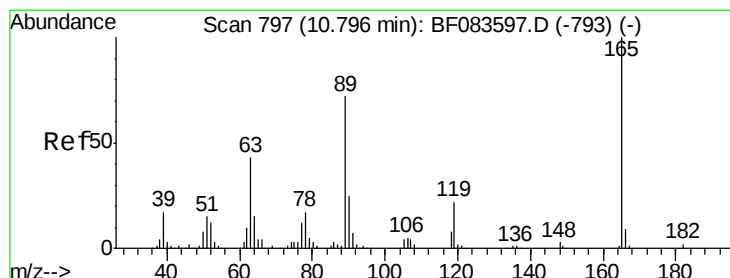
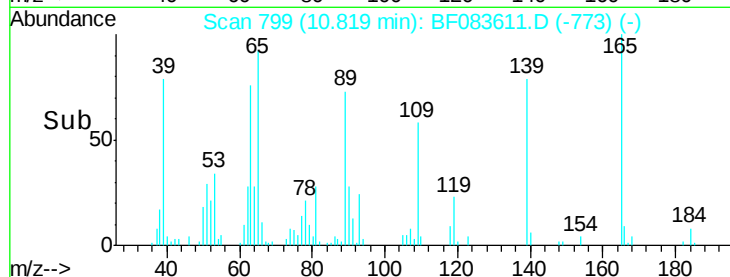
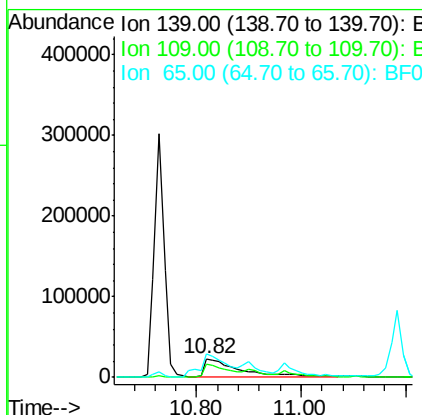
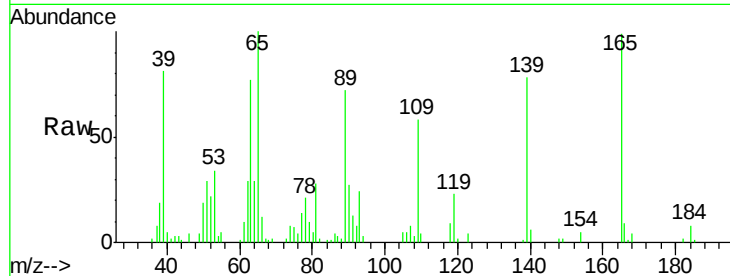
#55
4-Nitrophenol
Concen: 42.40 ng
RT: 10.82 min Scan# 799
Delta R.T. 0.00 min
Lab File: BF083611.D
Acq: 8 Dec 2015 23:20

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
139	100	104724		
109	73.9	42.0	82.0	
65	127.6	89.2	129.2	

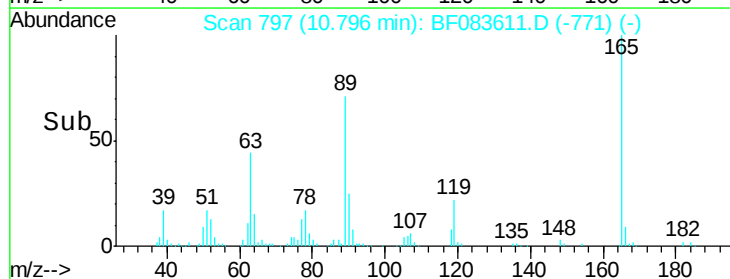
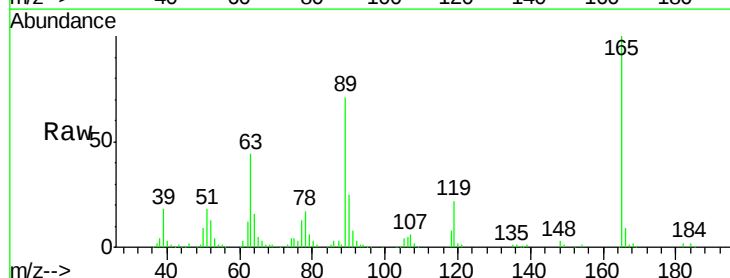
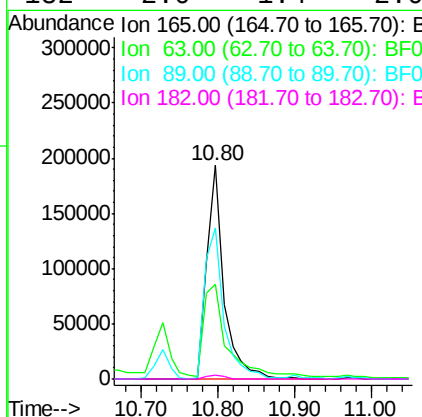
Manual Integrations
APPROVED

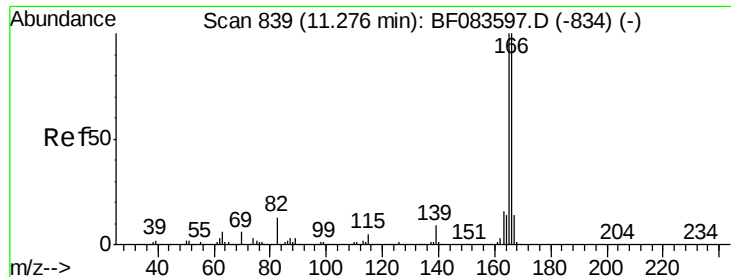
Mmdadoda
12/9/2015 6:13:27 PM



#56
2,4-Dinitrotoluene
Concen: 42.52 ng
RT: 10.80 min Scan# 797
Delta R.T. 0.00 min
Lab File: BF083611.D
Acq: 8 Dec 2015 23:20

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	297625		
63	44.3	51.4	77.2#	
89	70.6	72.6	108.8#	
182	2.0	1.4	2.0	





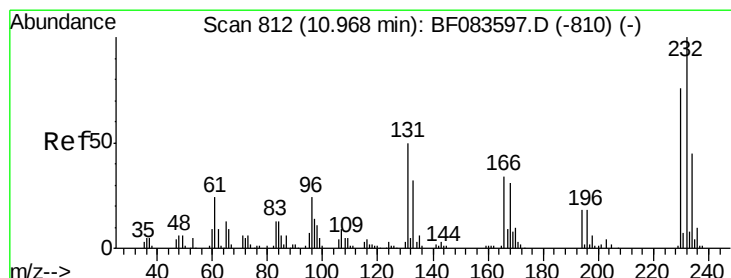
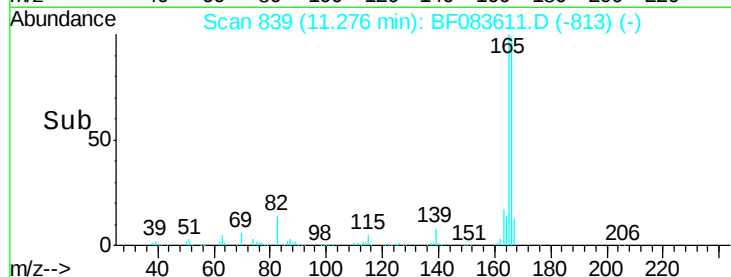
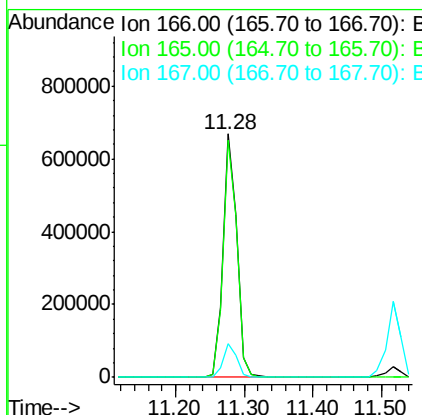
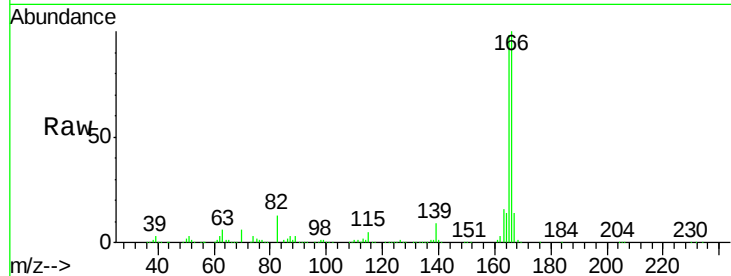
#57
 Fluorene
 Concen: 39.53 ng
 RT: 11.28 min Scan# 839
 Delta R.T. 0.00 min
 Lab File: BF083611.D
 Acq: 8 Dec 2015 23:20

Instrument :
 BNA_F
 ClientSampleId :
 SSTCCCC040

Tot Ion	Ratio	Lower	Upper
166	100		
165	97.5	80.0	120.0
167	14.1	10.6	16.0

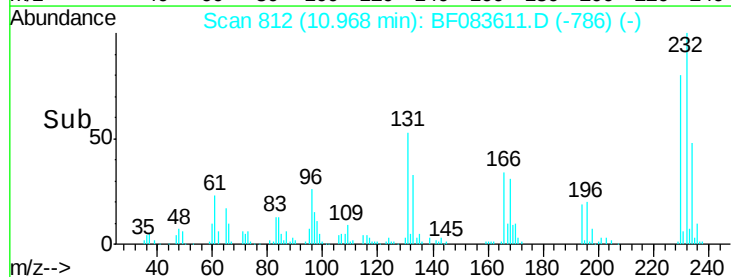
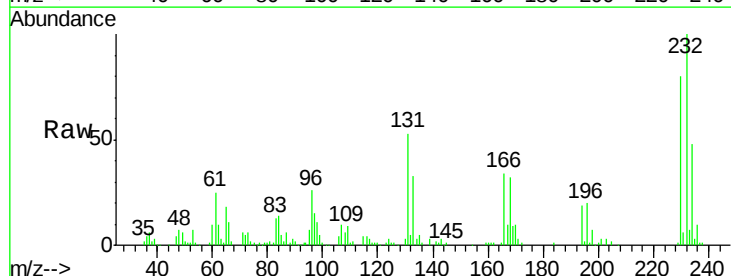
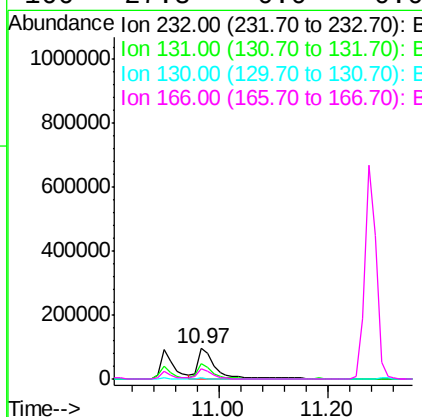
Manual Integrations
 APPROVED

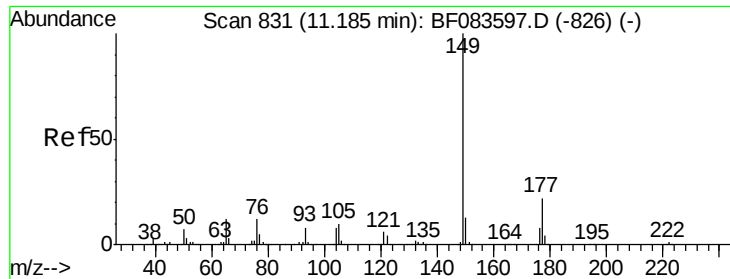
Mmdadoda
 12/9/2015 6:13:27 PM



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 41.37 ng
 RT: 10.97 min Scan# 812
 Delta R.T. 0.00 min
 Lab File: BF083611.D
 Acq: 8 Dec 2015 23:20

Tgt Ion	Ratio	Lower	Upper
232	100		
131	45.7	0.0	0.0#
130	2.0	0.0	0.0#
166	27.8	0.0	0.0#





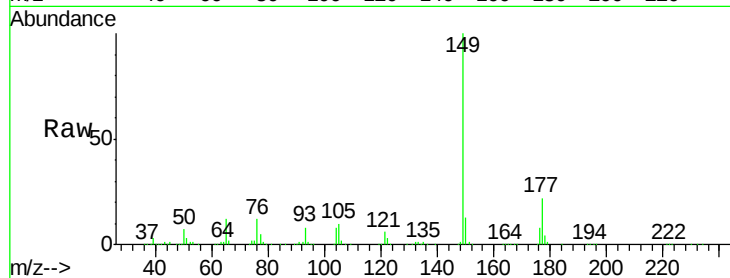
#59
Diethylphthalate
Concen: 39.70 ng
RT: 11.18 min Scan# 831
Delta R.T. 0.00 min
Lab File: BF083611.D
Acq: 8 Dec 2015 23:20

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

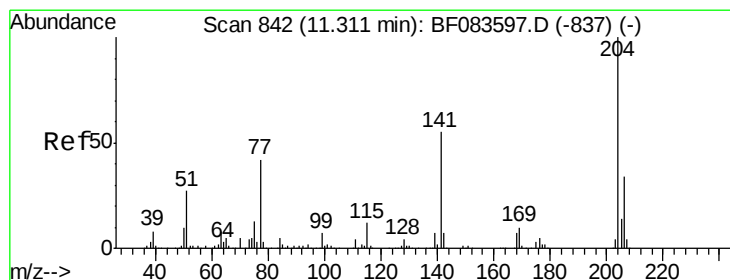
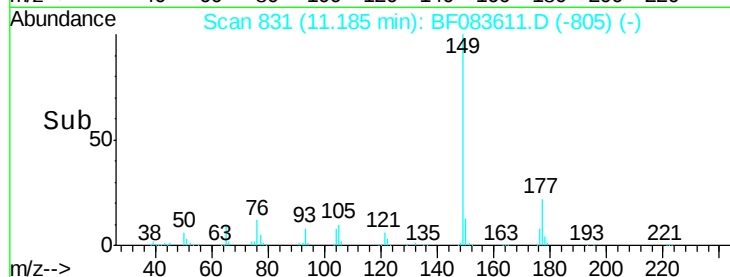
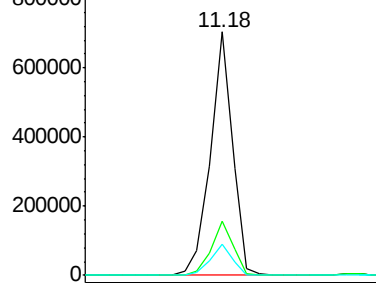
Tot Ion	Ratio	Resp	Lower	Upper
149	100			
177	22.1	16.9	25.3	
150	12.7	10.2	15.4	

Manual Integrations
APPROVED

Mmdadoda
12/9/2015 6:13:27 PM

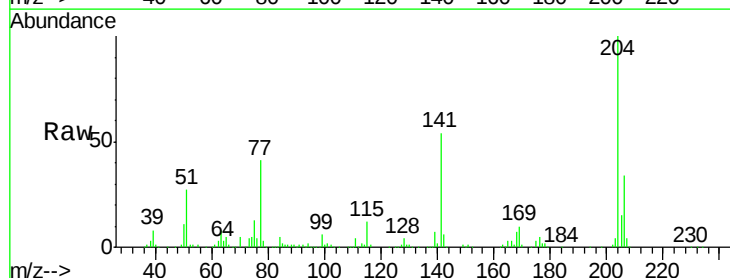


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

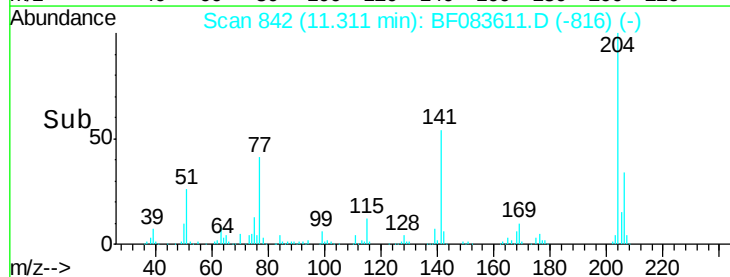
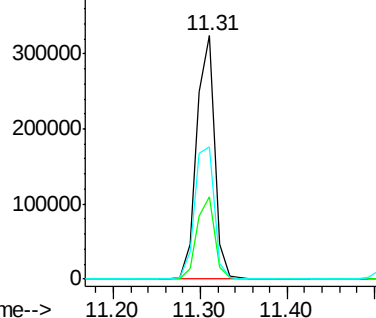


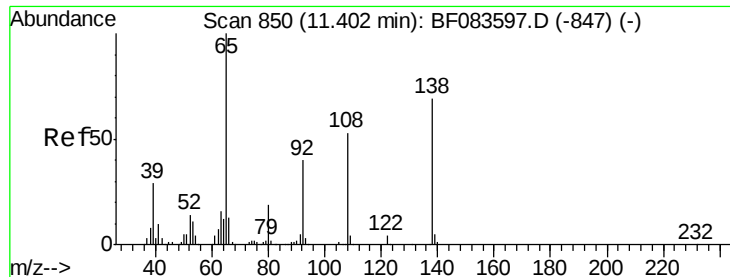
#60
4-Chlorophenyl-phenylether
Concen: 40.60 ng
RT: 11.31 min Scan# 842
Delta R.T. 0.00 min
Lab File: BF083611.D
Acq: 8 Dec 2015 23:20

Tgt Ion	Ratio	Resp	Lower	Upper
204	100			
206	33.6	27.3	40.9	
141	54.4	51.9	77.9	



Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E





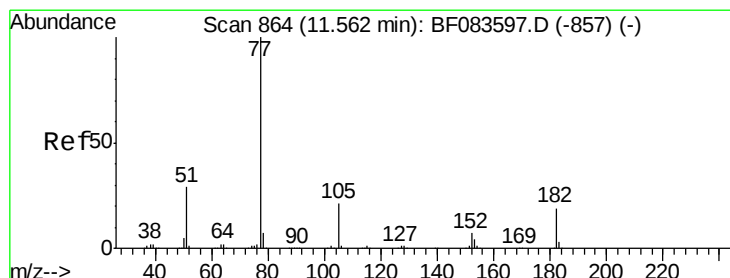
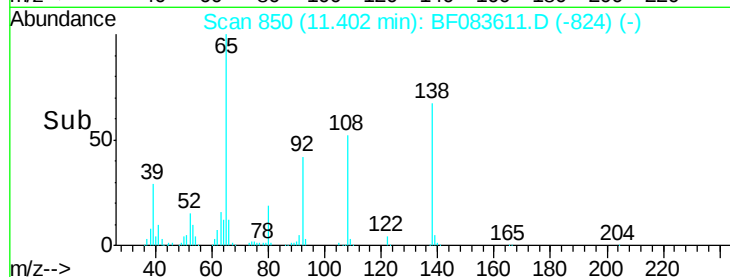
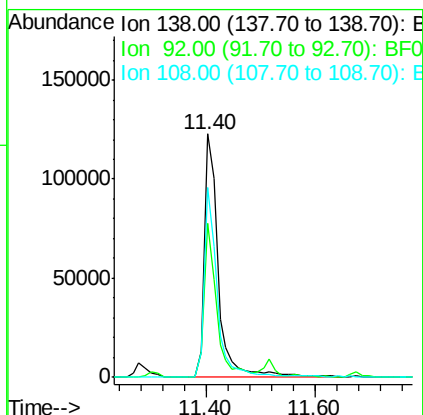
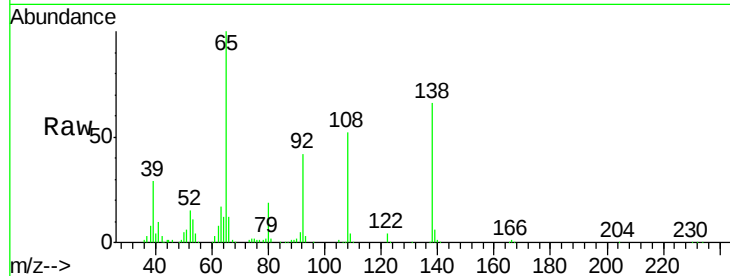
#61
4-Nitroaniline
Concen: 42.90 ng
RT: 11.40 min Scan# 850
Delta R.T. 0.00 min
Lab File: BF083611.D
Acq: 8 Dec 2015 23:20

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
138	100		
92	63.1	29.0	69.0
108	78.0	47.4	87.4

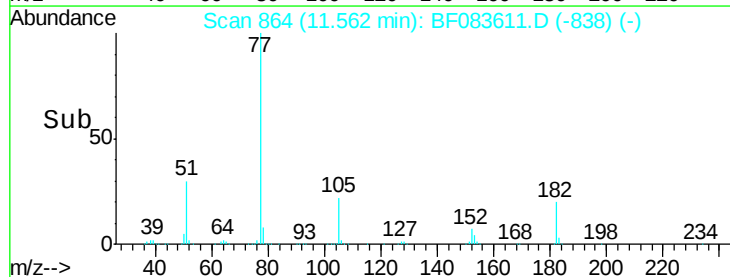
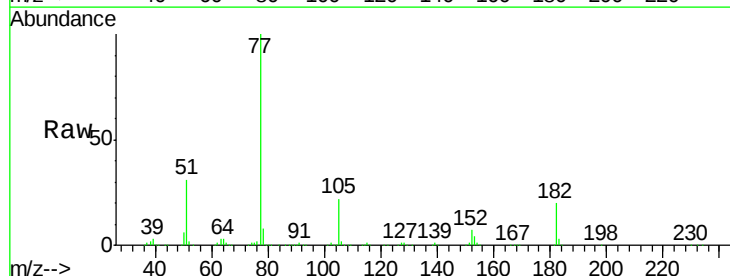
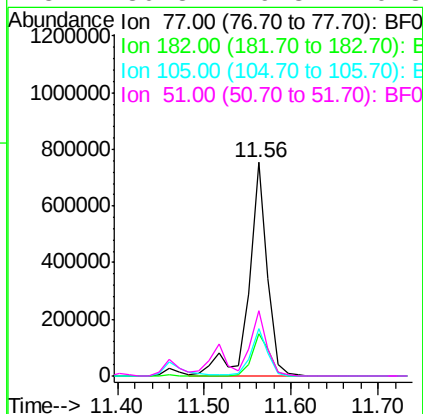
Manual Integrations
APPROVED

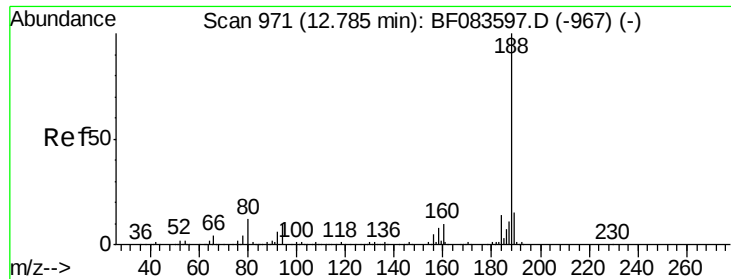
Mmdadoda
12/9/2015 6:13:27 PM



#62
Azobenzene
Concen: 40.63 ng
RT: 11.56 min Scan# 864
Delta R.T. 0.00 min
Lab File: BF083611.D
Acq: 8 Dec 2015 23:20

Tgt Ion	Ratio	Lower	Upper
77	100		
182	19.9	2.5	42.5
105	22.1	2.1	42.1
51	30.8	9.3	49.3





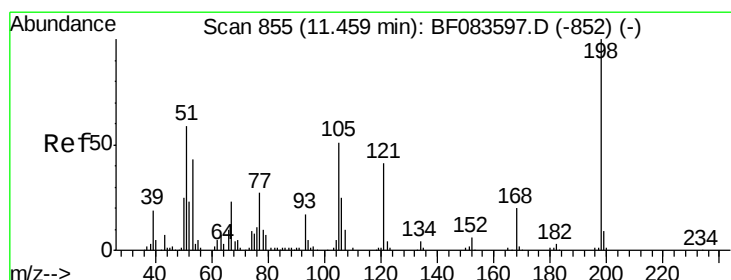
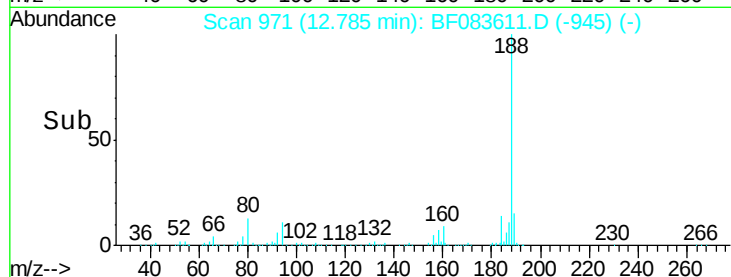
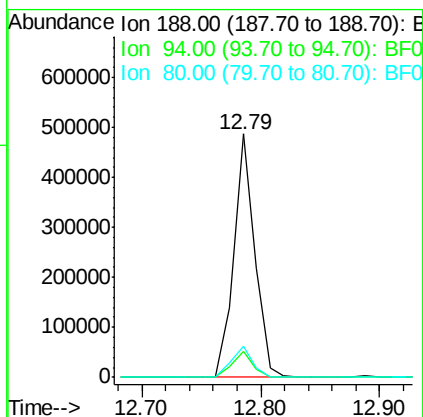
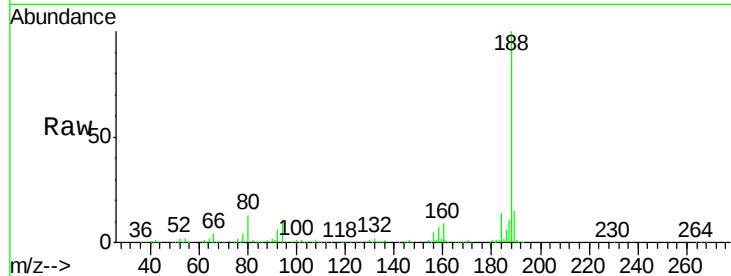
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.79 min Scan# 971
Delta R.T. 0.00 min
Lab File: BF083611.D
Acq: 8 Dec 2015 23:20

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
188	100	597489		
94	10.7		9.4	14.2
80	12.9		10.6	16.0

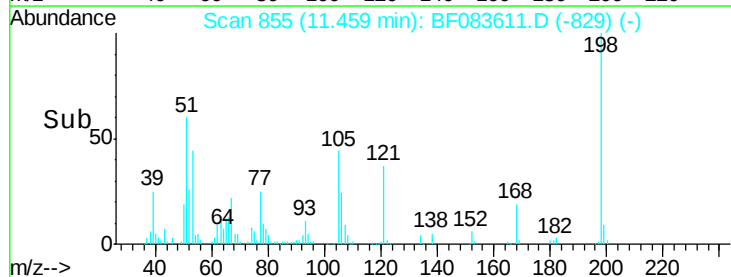
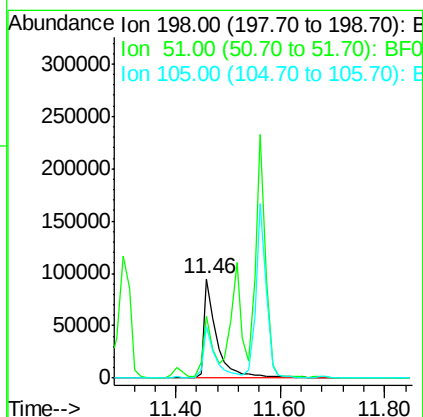
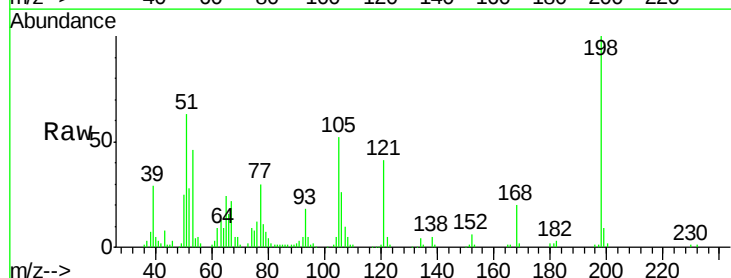
Manual Integrations
APPROVED

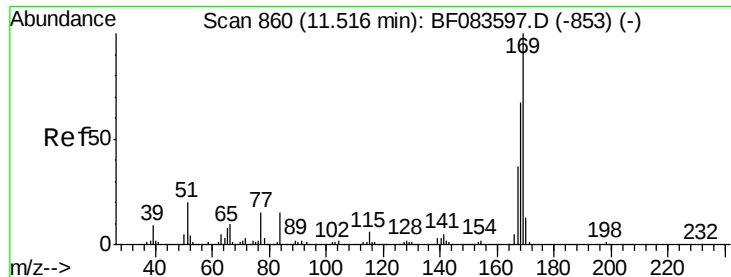
Mmdadoda
12/9/2015 6:13:27 PM



#64
4,6-Dinitro-2-methylphenol
Concen: 41.10 ng
RT: 11.46 min Scan# 855
Delta R.T. 0.00 min
Lab File: BF083611.D
Acq: 8 Dec 2015 23:20

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	166124		
51	62.9		53.8	93.8
105	52.0		38.6	78.6





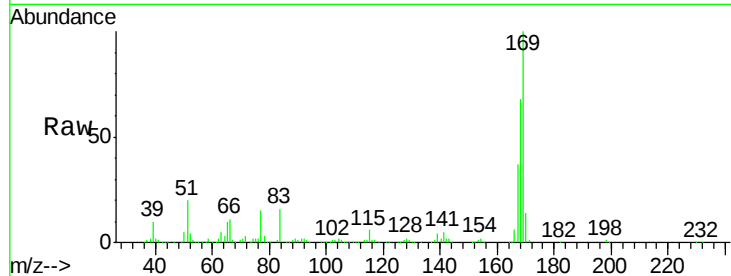
#65
 n-Nitrosodiphenylamine
 Concen: 39.77 ng
 RT: 11.52 min Scan# 860
 Delta R.T. 0.00 min
 Lab File: BF083611.D
 Acq: 8 Dec 2015 23:20

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

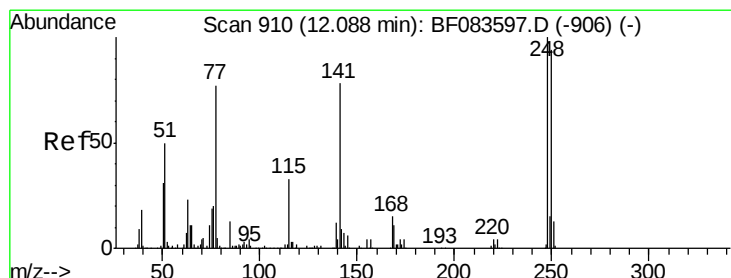
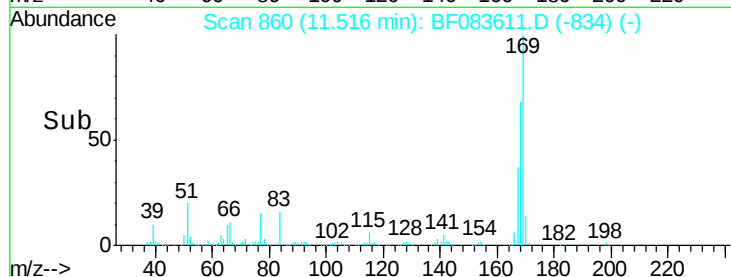
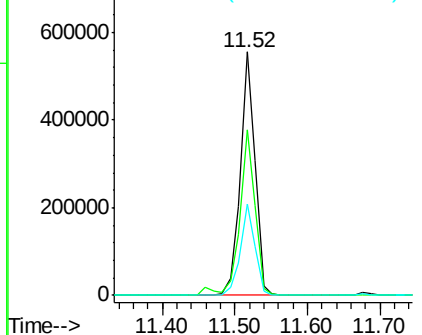
Tot Ion	Ratio	Resp	Lower	Upper
169	100	784135		
168	68.1	53.0	79.6	
167	37.4	29.3	43.9	

Manual Integrations
 APPROVED

Mmdadoda
 12/9/2015 6:13:27 PM

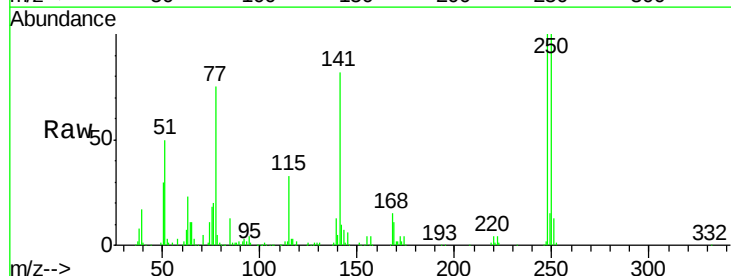


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

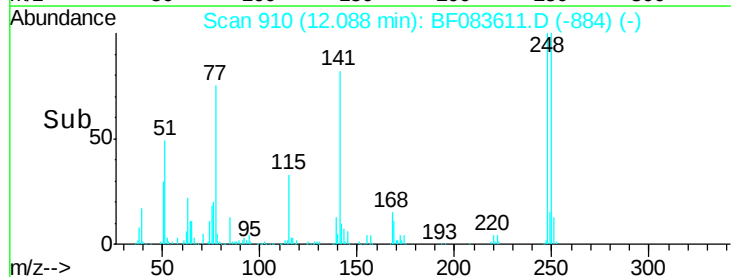
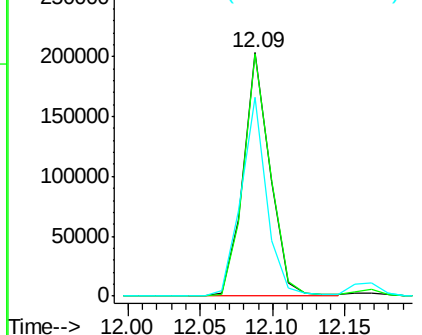


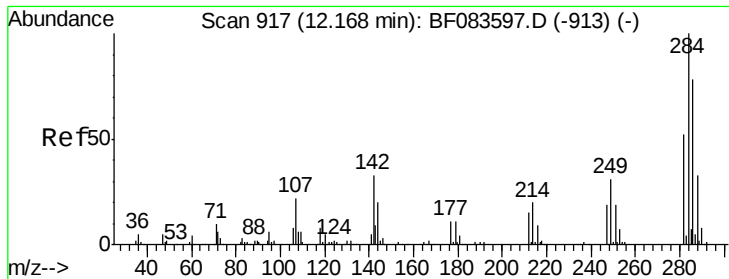
#66
 4-Bromophenyl-phenylether
 Concen: 39.25 ng
 RT: 12.09 min Scan# 910
 Delta R.T. 0.00 min
 Lab File: BF083611.D
 Acq: 8 Dec 2015 23:20

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	261552		
250	99.6	79.2	118.8	
141	81.8	58.2	87.4	



Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E





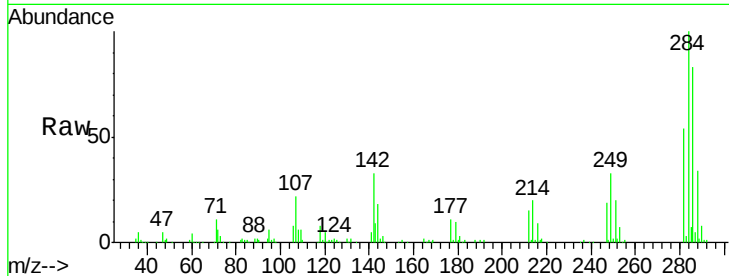
#67
Hexachlorobenzene
Concen: 40.29 ng
RT: 12.17 min Scan# 917
Delta R.T. 0.00 min
Lab File: BF083611.D
Acq: 8 Dec 2015 23:20

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

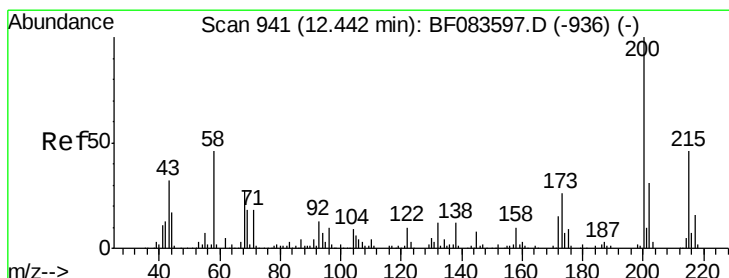
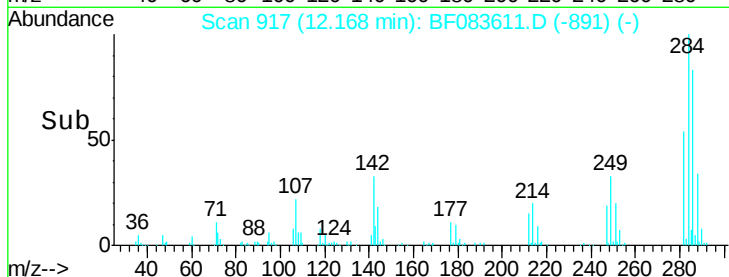
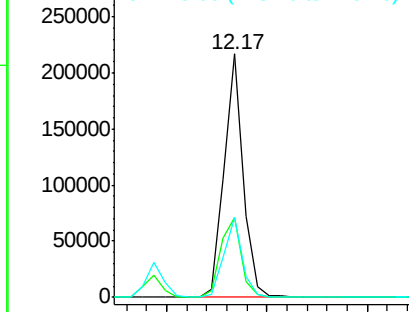
Tot Ion	Ratio	Resp Lower	Resp Upper
284	100		
142	32.5	31.0	46.4
249	32.6	26.9	40.3

Manual Integrations
APPROVED

Mmdadoda
12/9/2015 6:13:27 PM

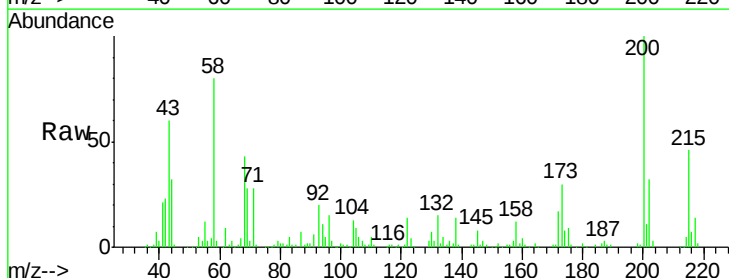


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

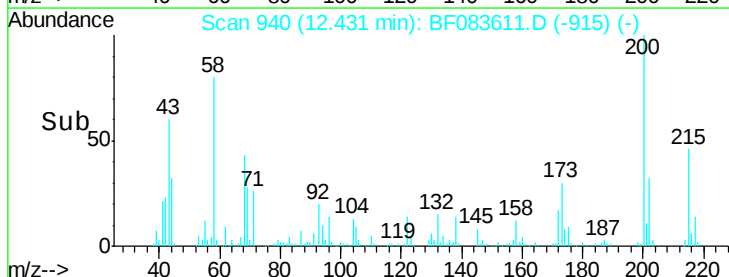
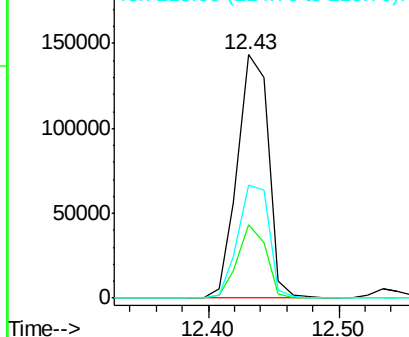


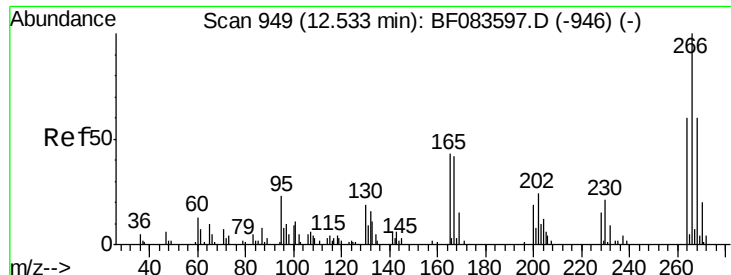
#68
Atrazine
Concen: 40.76 ng
RT: 12.43 min Scan# 940
Delta R.T. -0.01 min
Lab File: BF083611.D
Acq: 8 Dec 2015 23:20

Tgt Ion	Ratio	Resp Lower	Resp Upper
200	100		
173	30.1	7.8	47.8
215	46.2	25.7	65.7



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





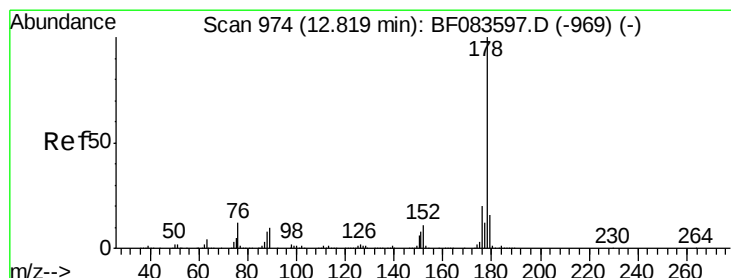
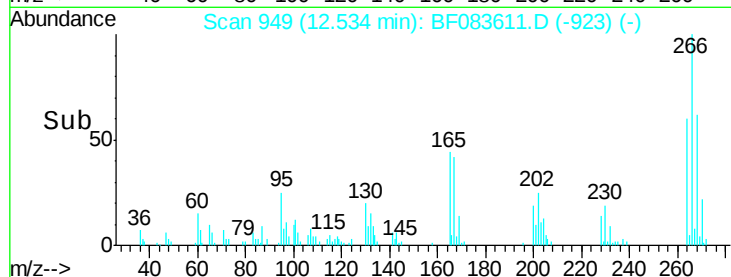
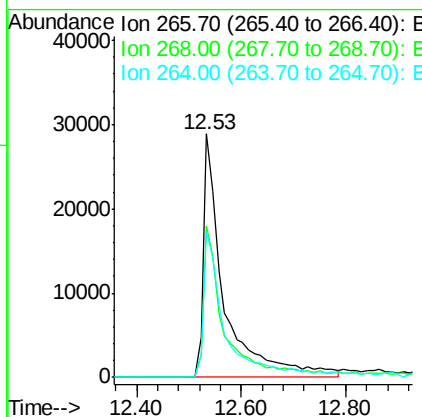
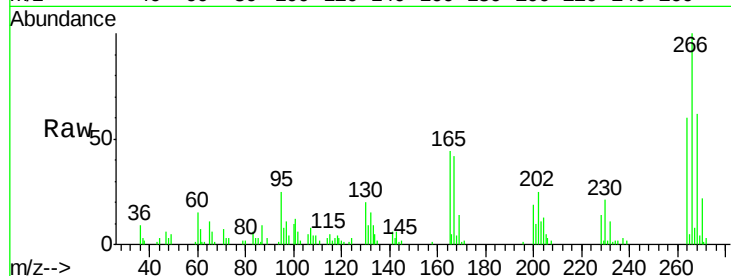
#69
 Pentachlorophenol
 Concen: 45.34 ng
 RT: 12.53 min Scan# 949
 Delta R.T. 0.00 min
 Lab File: BF083611.D
 Acq: 8 Dec 2015 23:20

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
266	100		
268	62.0	50.2	75.2
264	60.3	51.4	77.2

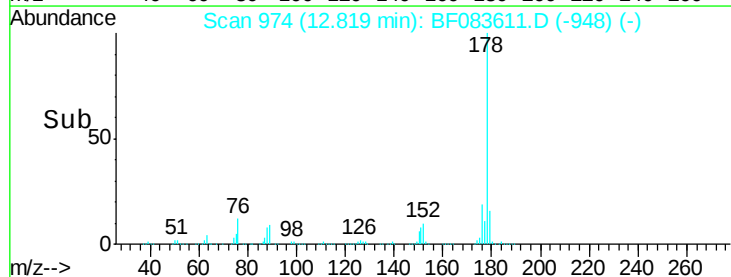
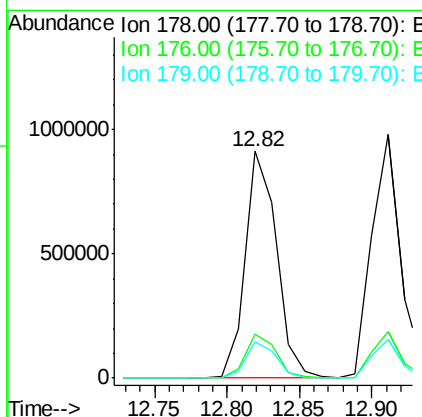
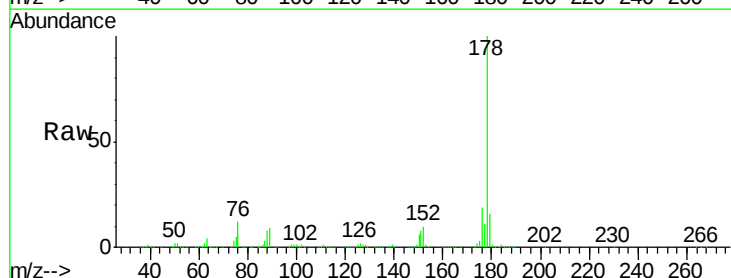
Manual Integrations
 APPROVED

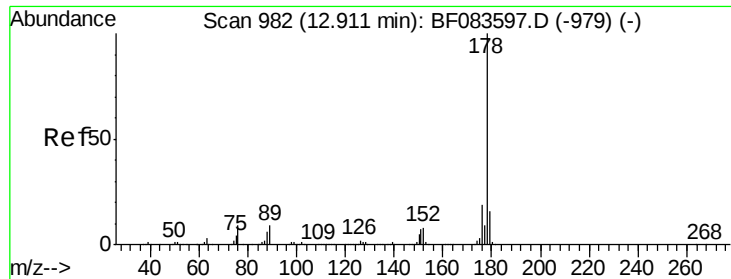
Mmdadoda
 12/9/2015 6:13:27 PM



#70
 Phenanthrene
 Concen: 39.99 ng
 RT: 12.82 min Scan# 974
 Delta R.T. 0.00 min
 Lab File: BF083611.D
 Acq: 8 Dec 2015 23:20

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.5	15.7	23.5
179	16.1	12.2	18.4





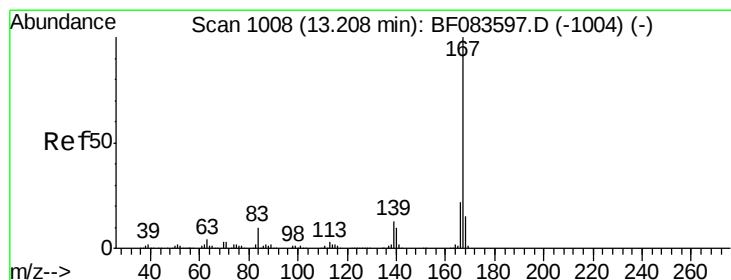
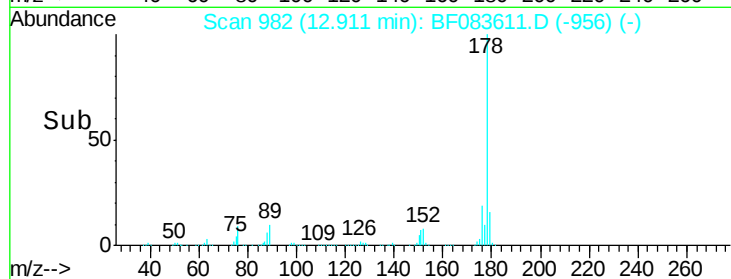
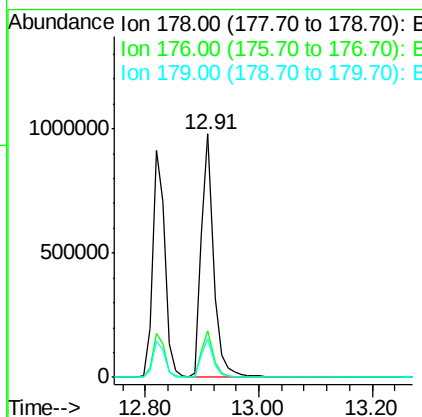
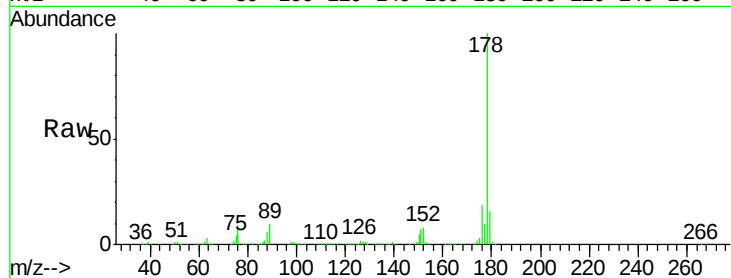
#71
 Anthracene
 Concen: 40.03 ng
 RT: 12.91 min Scan# 982
 Delta R.T. 0.00 min
 Lab File: BF083611.D
 Acq: 8 Dec 2015 23:20

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:178 Resp: 1423395
 Ion Ratio Lower Upper
 178 100
 176 19.0 15.2 22.8
 179 15.8 12.6 18.8

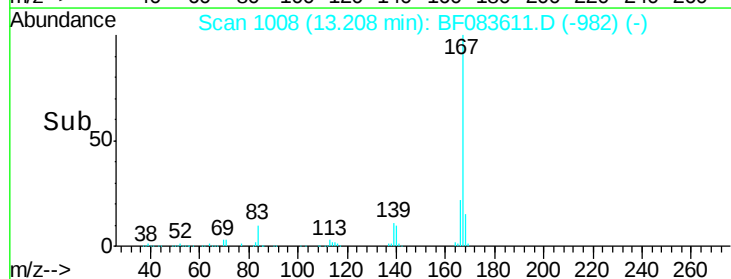
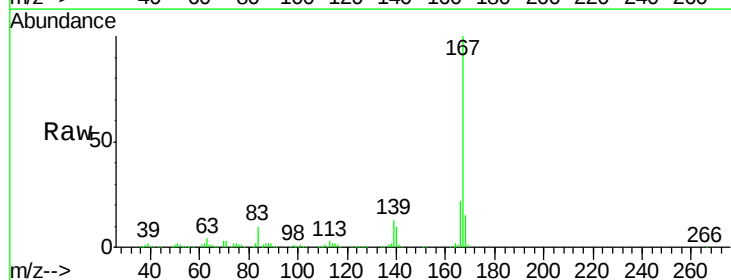
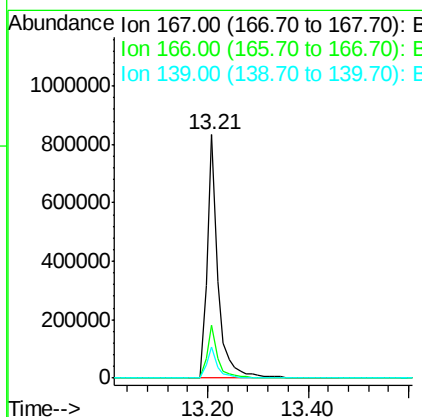
Manual Integrations
 APPROVED

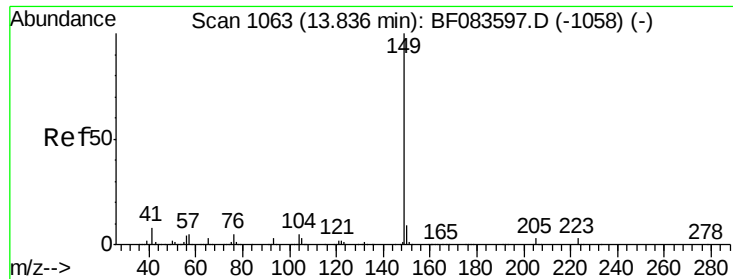
Mmdadoda
 12/9/2015 6:13:27 PM



#72
 Carbazole
 Concen: 40.67 ng
 RT: 13.21 min Scan# 1008
 Delta R.T. 0.00 min
 Lab File: BF083611.D
 Acq: 8 Dec 2015 23:20

Tgt Ion:167 Resp: 1240155
 Ion Ratio Lower Upper
 167 100
 166 21.8 17.2 25.8
 139 12.7 9.3 13.9





#73

Di-n-butylphthalate

Concen: 41.34 ng

RT: 13.84 min Scan# 1063

Delta R.T. 0.00 min

Lab File: BF083611.D

Acq: 8 Dec 2015 23:20

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:149 Resp: 1585638

Ion Ratio Lower Upper

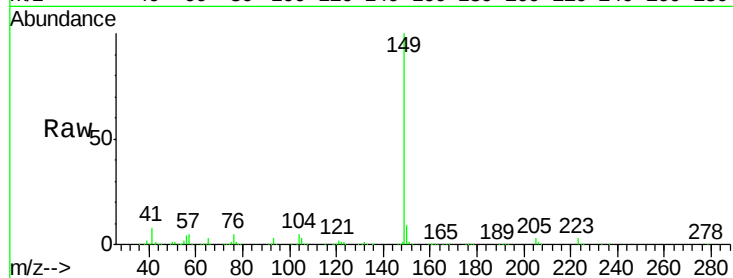
149 100

150 9.3 7.8 11.6

104 4.7 3.9 5.9

Manual Integrations
APPROVED

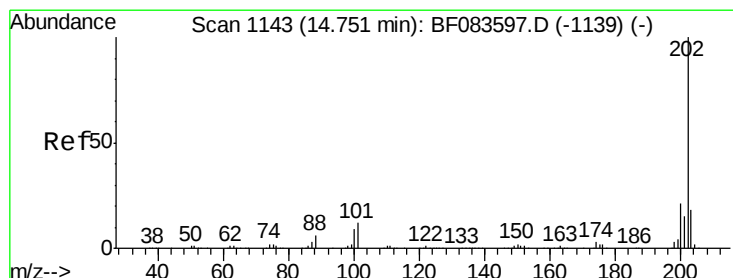
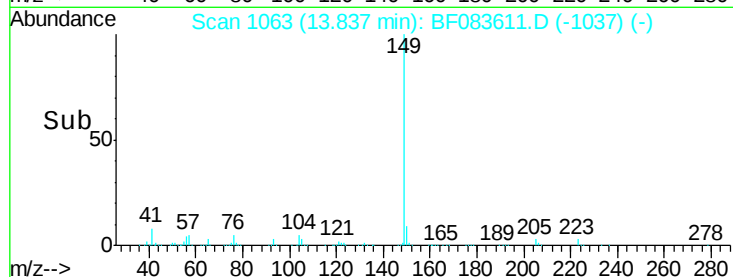
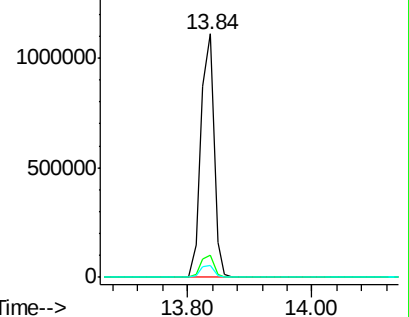
Mmdadoda
12/9/2015 6:13:27 PM



Abundance Ion 149.00 (148.70 to 149.70): E

1500000 Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 40.65 ng

RT: 14.75 min Scan# 1143

Delta R.T. 0.00 min

Lab File: BF083611.D

Acq: 8 Dec 2015 23:20

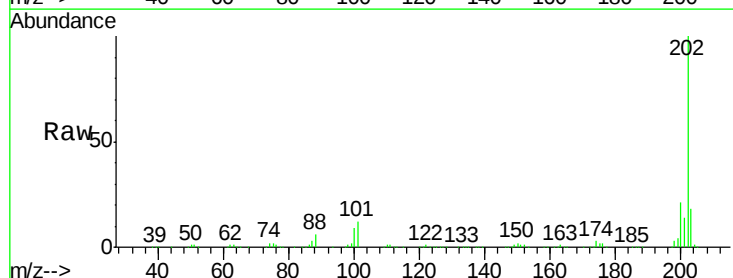
Tgt Ion:202 Resp: 1427598

Ion Ratio Lower Upper

202 100

101 11.5 0.0 31.5

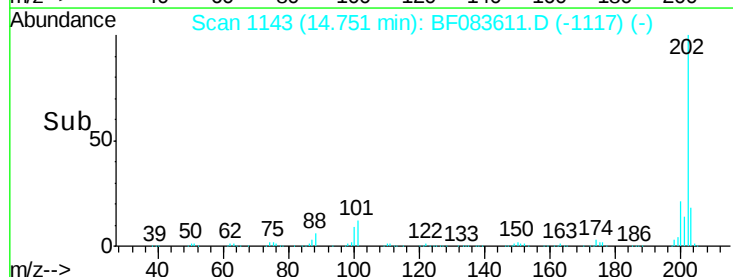
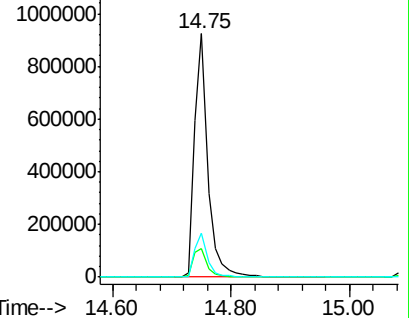
203 18.2 0.0 37.6

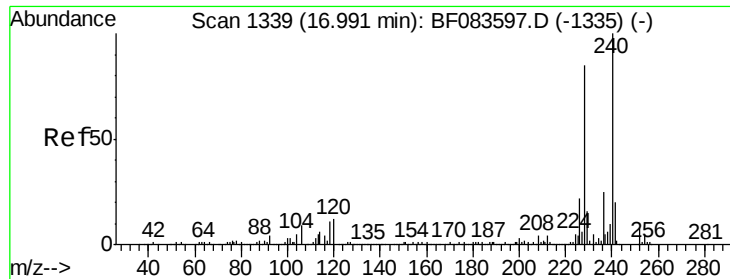


Abundance Ion 202.00 (201.70 to 202.70): E

1200000 Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





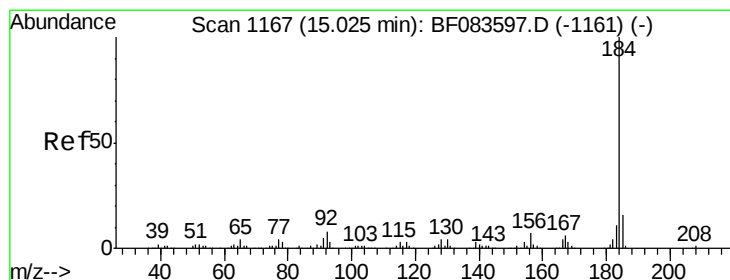
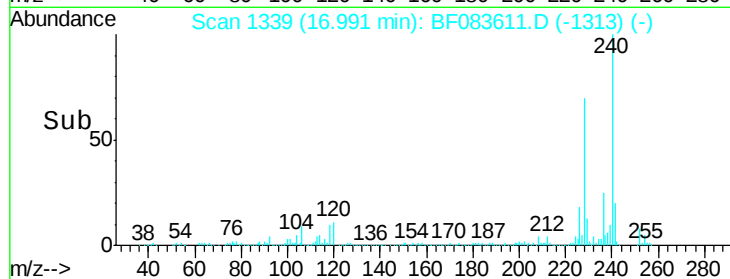
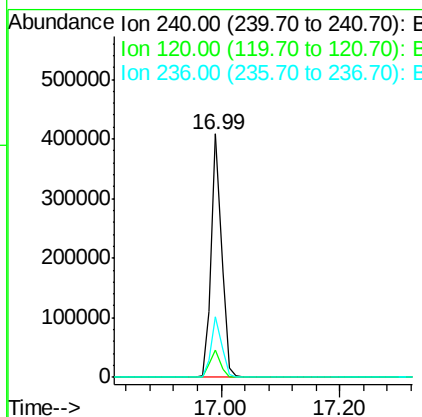
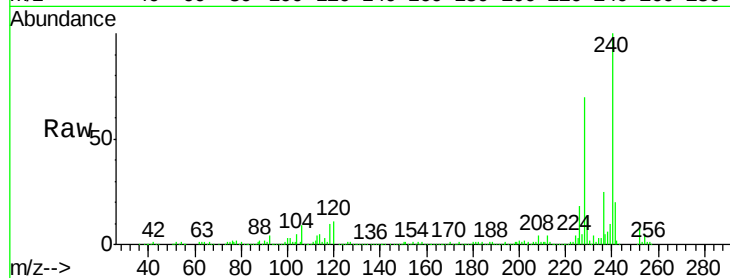
#75
Chrysene-d12
Concen: 20.00 ng
RT: 16.99 min Scan# 1339
Delta R.T. 0.00 min
Lab File: BF083611.D
Acq: 8 Dec 2015 23:20

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
240	100		
120	11.4	8.1	12.1
236	25.0	20.8	31.2

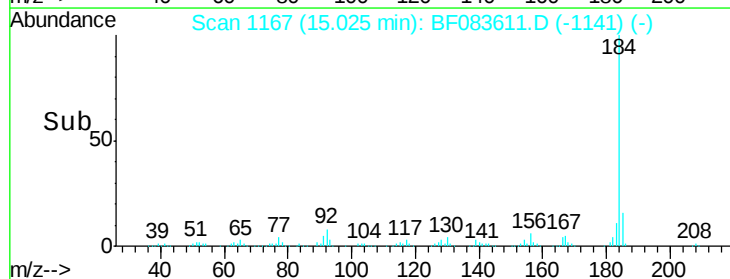
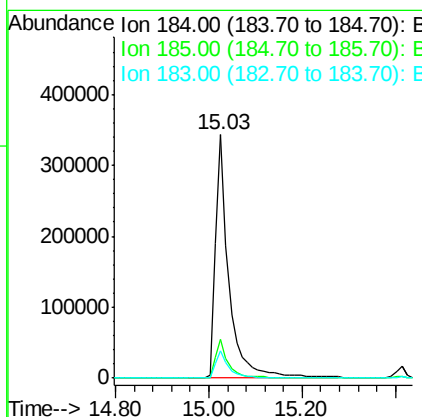
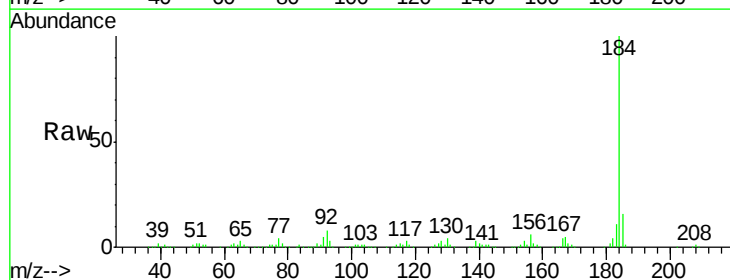
Manual Integrations
APPROVED

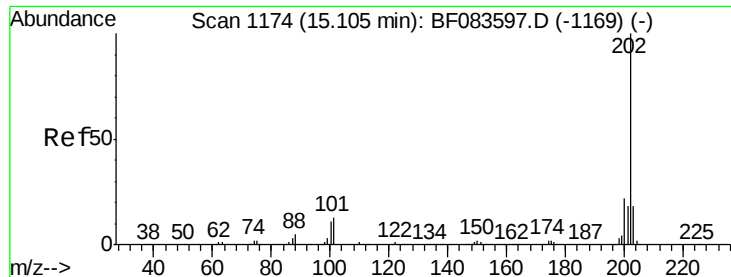
Mmdadoda
12/9/2015 6:13:27 PM



#76
Benzidine
Concen: 44.51 ng
RT: 15.03 min Scan# 1167
Delta R.T. 0.00 min
Lab File: BF083611.D
Acq: 8 Dec 2015 23:20

Tgt Ion	Ratio	Lower	Upper
184	100		
185	16.1	13.0	19.6
183	11.4	9.0	13.4





#77

Pvrene

Concen: 40.23 ng

RT: 15.11 min Scan# 1174

Delta R.T. 0.00 min

Lab File: BF083611.D

Acq: 8 Dec 2015 23:20

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:202 Resp: 1438592

Ion Ratio Lower Upper

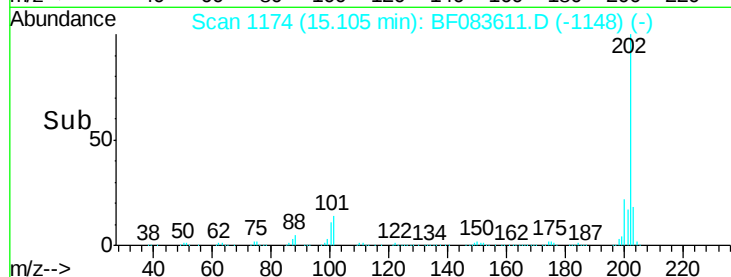
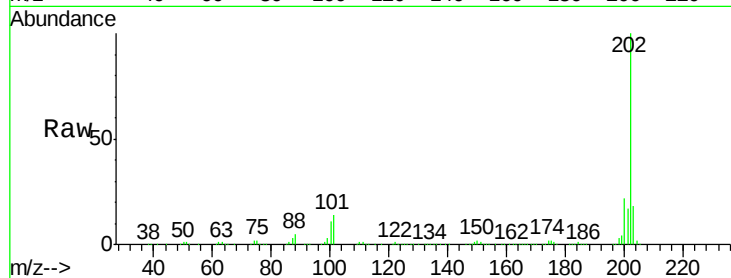
202 100

200 22.0 16.7 25.1

203 18.1 14.3 21.5

Manual Integrations
APPROVED

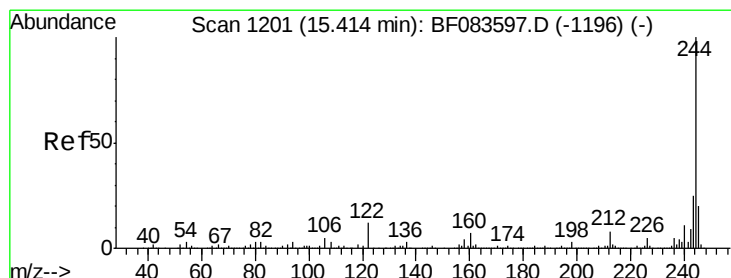
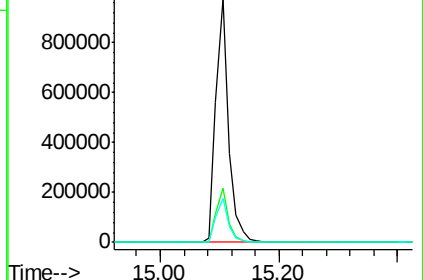
Mmdadoda
12/9/2015 6:13:27 PM



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: 78.28 ng

RT: 15.41 min Scan# 1201

Delta R.T. 0.00 min

Lab File: BF083611.D

Acq: 8 Dec 2015 23:20

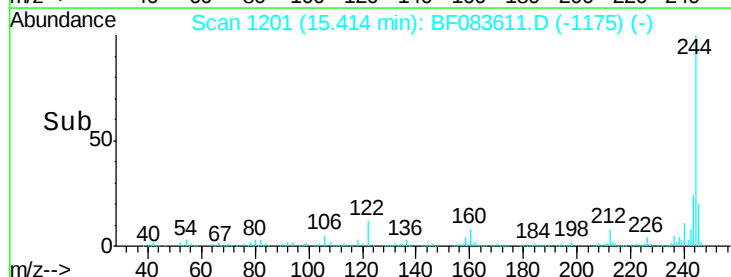
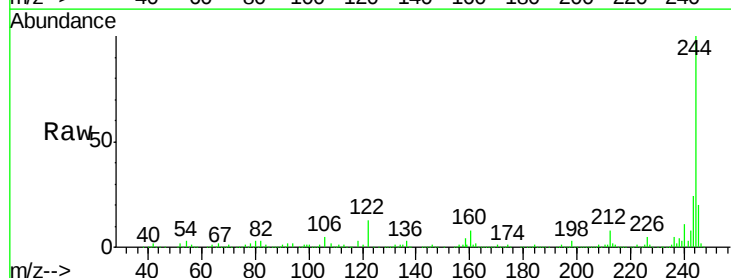
Tgt Ion:244 Resp: 1652388

Ion Ratio Lower Upper

244 100

212 7.6 6.1 9.1

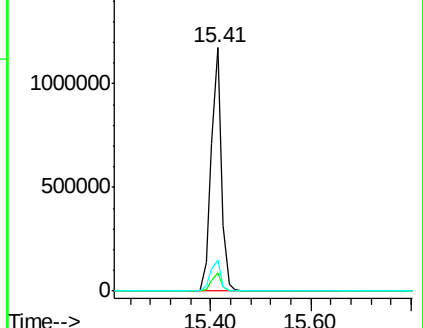
122 12.7 11.0 16.6

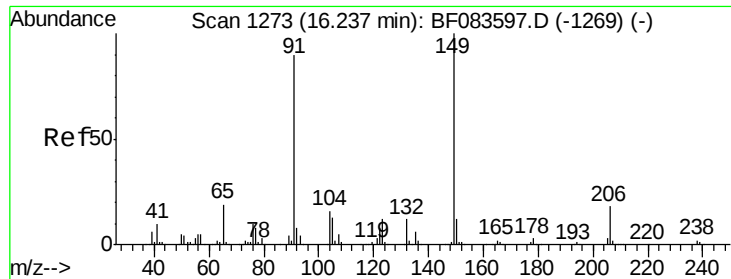


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





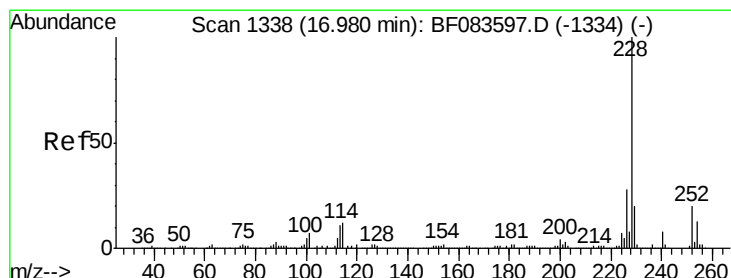
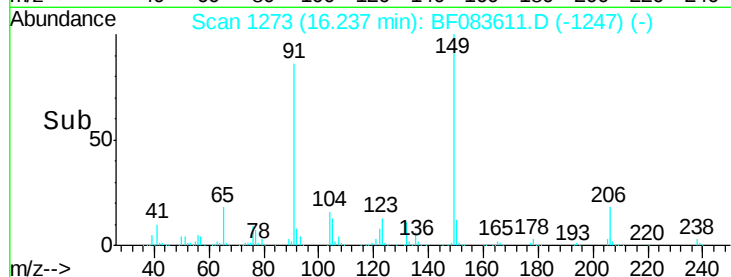
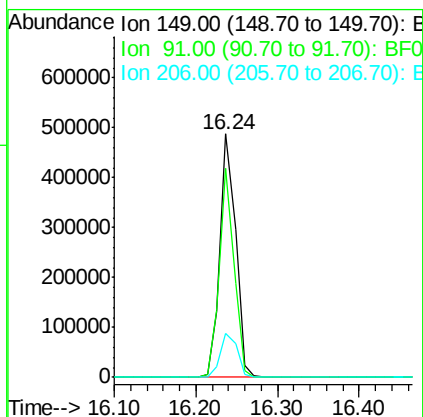
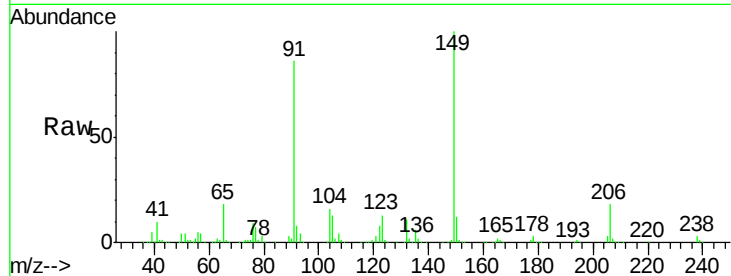
#79
Butylbenzylphthalate
Concen: 41.03 ng
RT: 16.24 min Scan# 1273
Delta R.T. 0.00 min
Lab File: BF083611.D
Acq: 8 Dec 2015 23:20

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
149	100	651215		
91	86.0	60.0	90.0	
206	18.0	16.2	24.4	

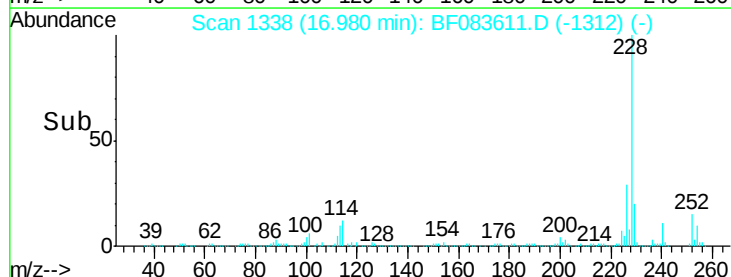
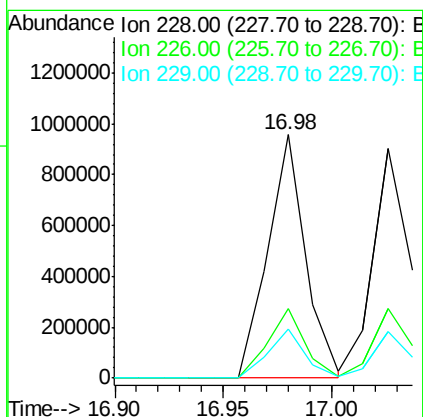
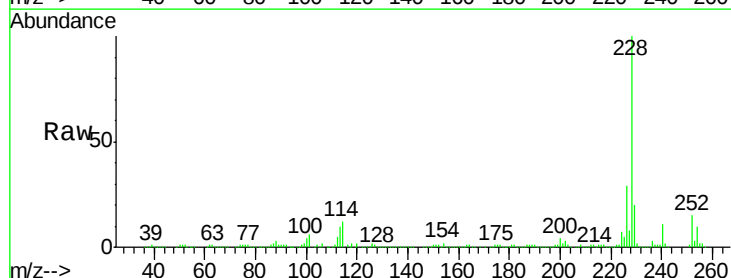
Manual Integrations
APPROVED

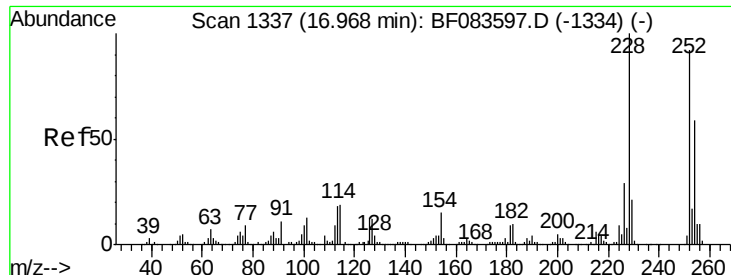
Mmdadoda
12/9/2015 6:13:27 PM



#80
Benzo(a)anthracene
Concen: 39.93 ng
RT: 16.98 min Scan# 1338
Delta R.T. 0.00 min
Lab File: BF083611.D
Acq: 8 Dec 2015 23:20

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	1160946		
226	28.8	22.3	33.5	
229	20.4	15.7	23.5	





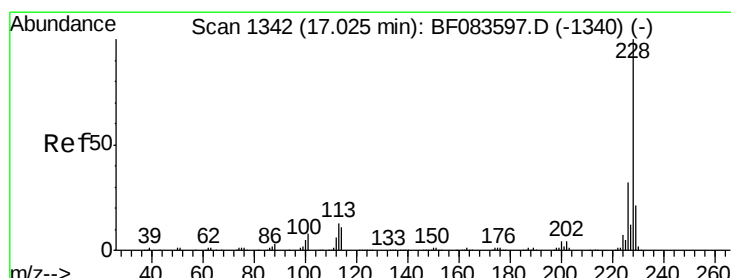
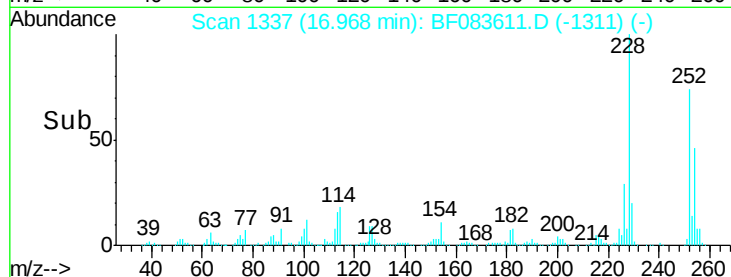
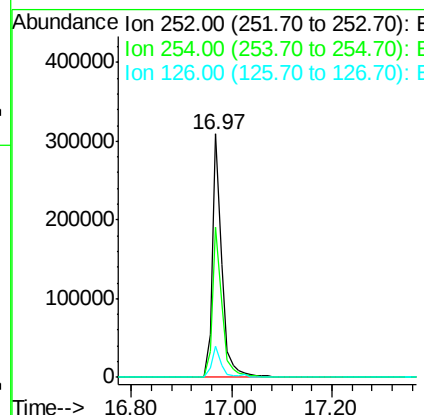
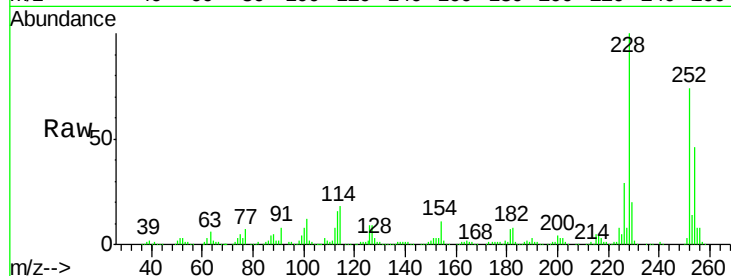
#81
 3,3'-Dichlorobenzidine
 Concen: 41.02 ng
 RT: 16.97 min Scan# 1337
 Delta R.T. 0.00 min
 Lab File: BF083611.D
 Acq: 8 Dec 2015 23:20

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
252	100	402835		
254	61.9	50.6	76.0	
126	12.8	11.0	16.4	

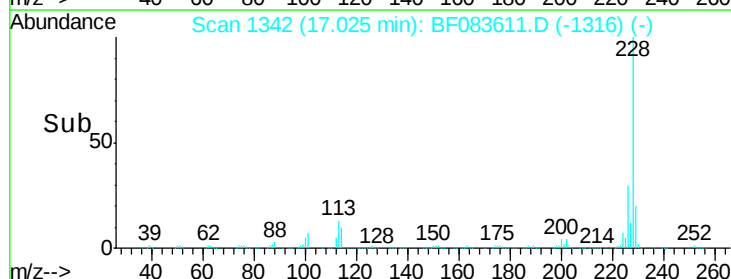
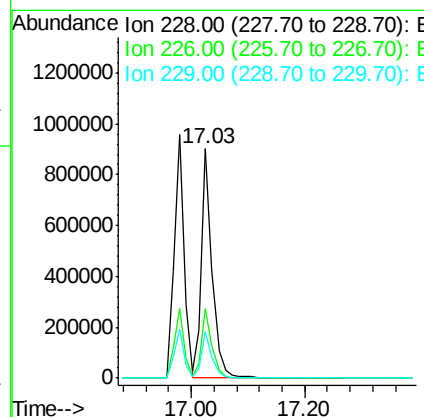
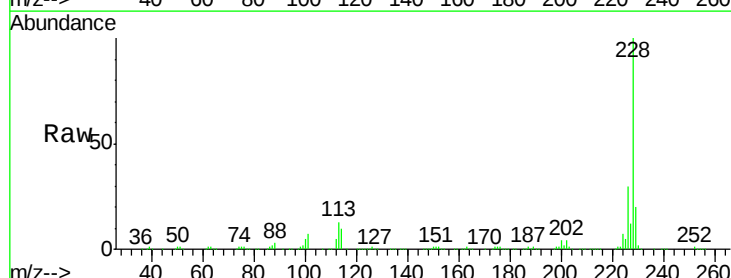
Manual Integrations
 APPROVED

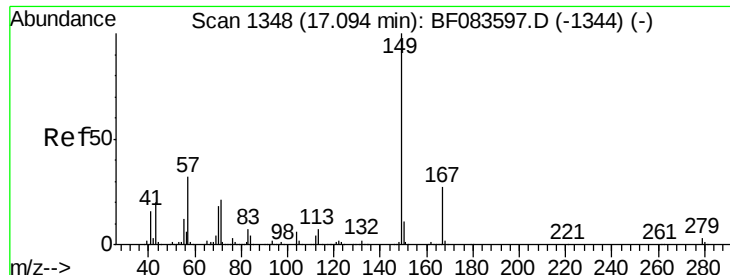
Mmdadoda
 12/9/2015 6:13:27 PM



#82
 Chrysene
 Concen: 39.99 ng
 RT: 17.03 min Scan# 1342
 Delta R.T. 0.00 min
 Lab File: BF083611.D
 Acq: 8 Dec 2015 23:20

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	1165305		
226	30.4	24.7	37.1	
229	20.4	16.3	24.5	





#83

Bis(2-ethylhexyl)phthalate

Concen: 41.25 ng

RT: 17.09 min Scan# 1348

Delta R.T. 0.00 min

Lab File: BF083611.D

Acq: 8 Dec 2015 23:20

Instrument :

BNA_F

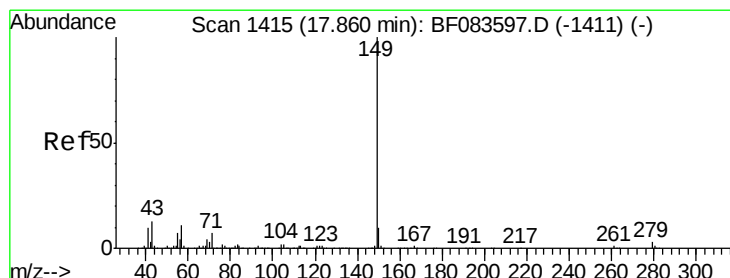
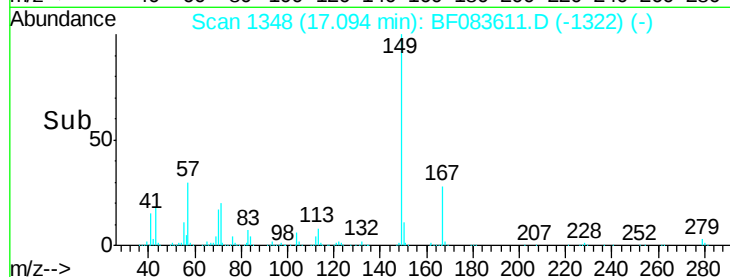
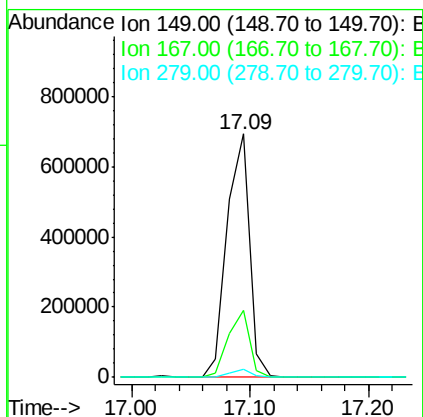
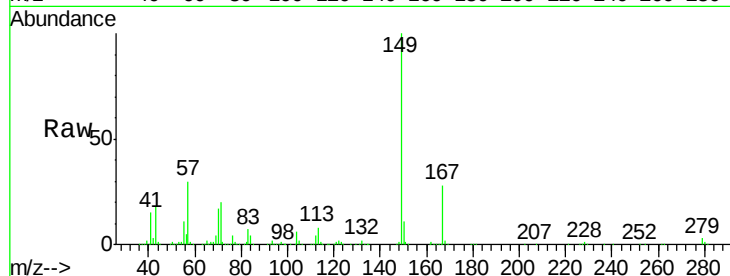
ClientSampleId :

SSTDCCC040

Tot Ion:	149	Resp:	908677
Ion Ratio	Lower	Upper	
149	100		
167	27.5	21.8	32.8
279	3.4	3.0	4.4

Manual Integrations
APPROVED

Mmdadoda
12/9/2015 6:13:27 PM



#84

Di-n-octyl phthalate

Concen: 41.94 ng

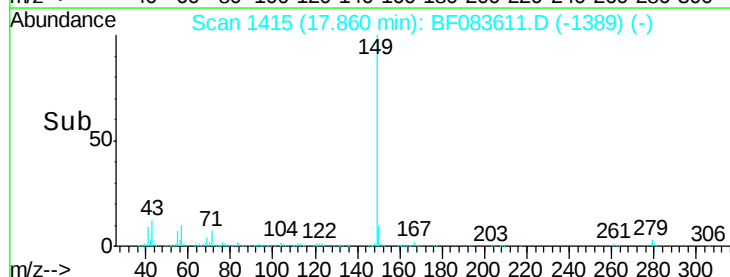
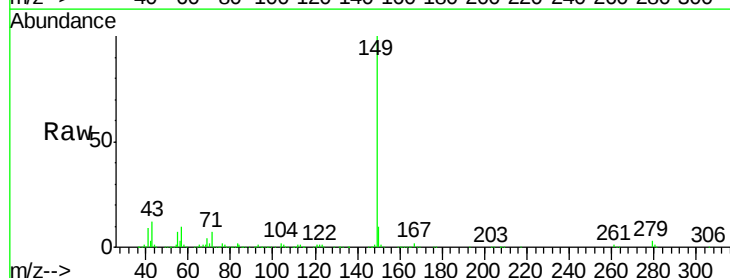
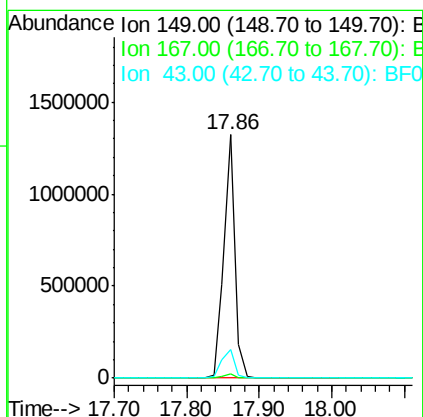
RT: 17.86 min Scan# 1415

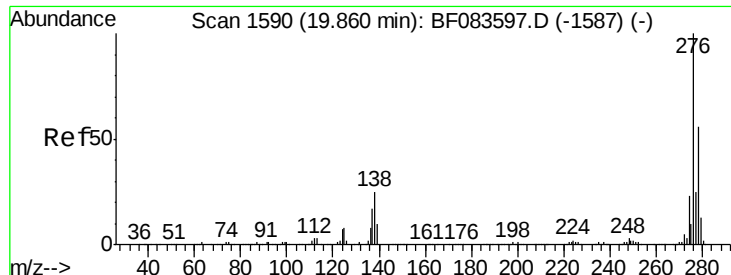
Delta R.T. 0.00 min

Lab File: BF083611.D

Acq: 8 Dec 2015 23:20

Tgt Ion:	149	Resp:	1411619
Ion Ratio	Lower	Upper	
149	100		
167	1.6	0.0	0.0#
43	13.6	0.0	0.0#





#85

Indeno(1,2,3-cd)pyrene

Concen: 38.82 ng

RT: 19.86 min Scan# 1590

Delta R.T. 0.00 min

Lab File: BF083611.D

Acq: 8 Dec 2015 23:20

Instrument :

BNA_F

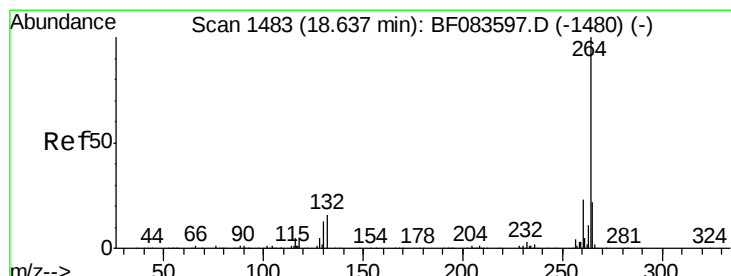
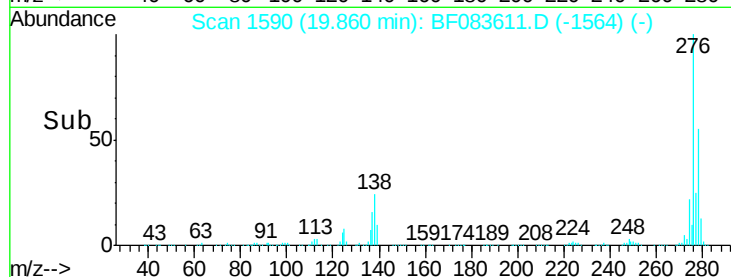
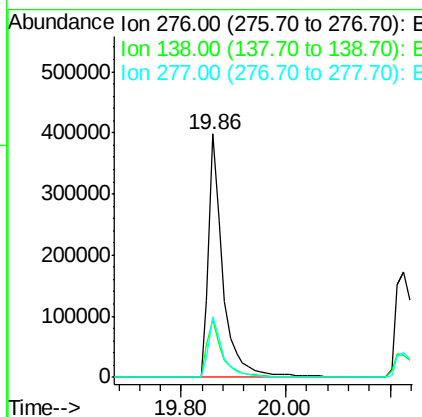
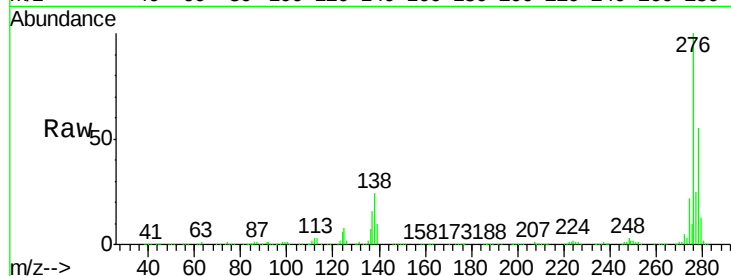
ClientSampleId :

SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
276	100			
138	25.3	0.0	0.0	#
277	24.9	0.0	0.0	#

Manual Integrations
APPROVED

Mmdadoda
12/9/2015 6:13:27 PM



#86

Perylene-d12

Concen: 20.00 ng

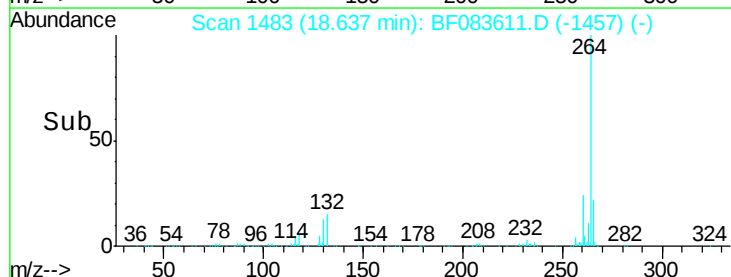
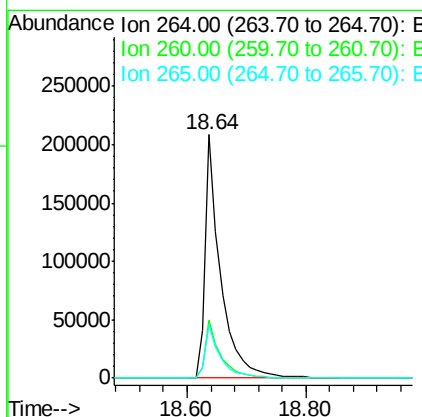
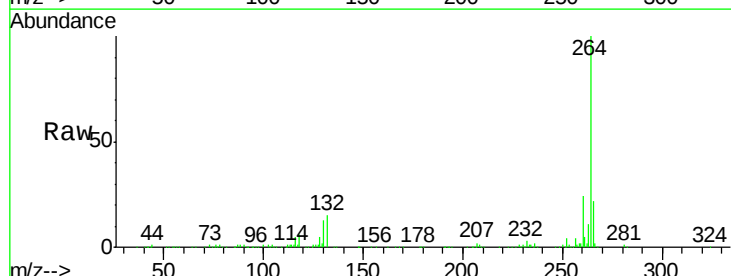
RT: 18.64 min Scan# 1483

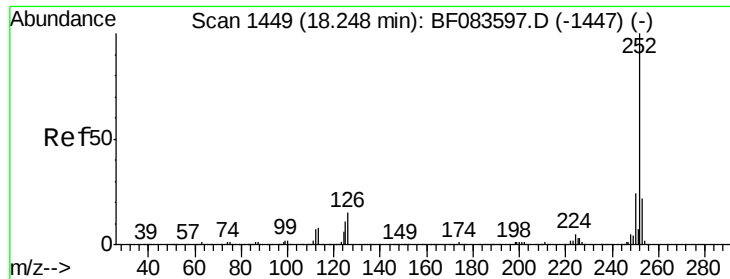
Delta R.T. 0.00 min

Lab File: BF083611.D

Acq: 8 Dec 2015 23:20

Tgt Ion	Ratio	Resp	Lower	Upper
264	100			
260	23.7	19.4	29.0	
265	21.7	17.8	26.6	





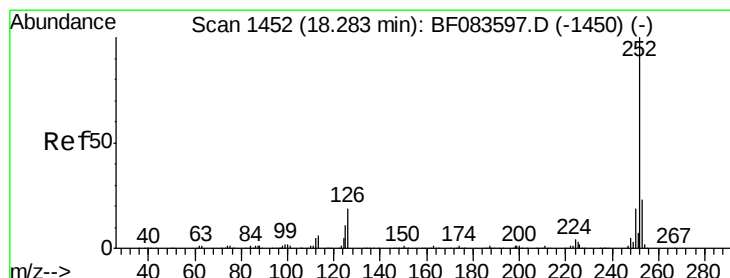
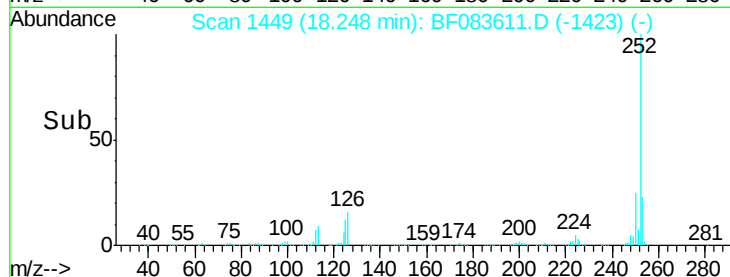
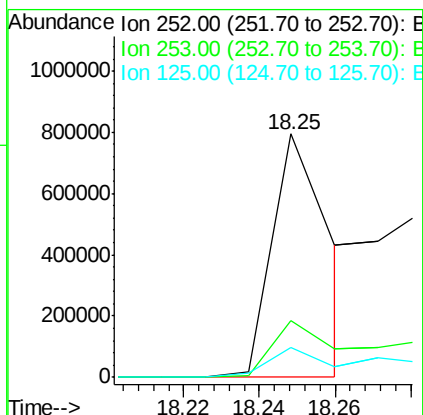
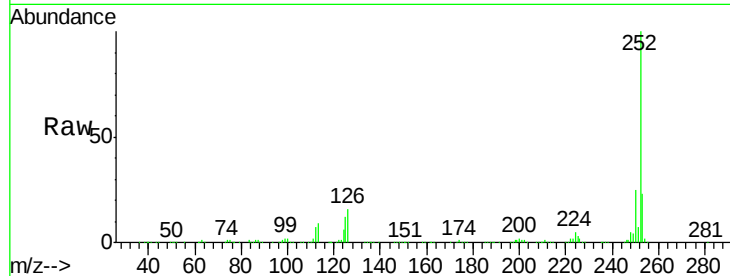
#87
Benzo(b)fluoranthene
Concen: 39.07 ng m
RT: 18.25 min Scan# 1449
Delta R.T. 0.00 min
Lab File: BF083611.D
Acq: 8 Dec 2015 23:20

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.4	18.2	27.4
125	12.2	8.2	12.4

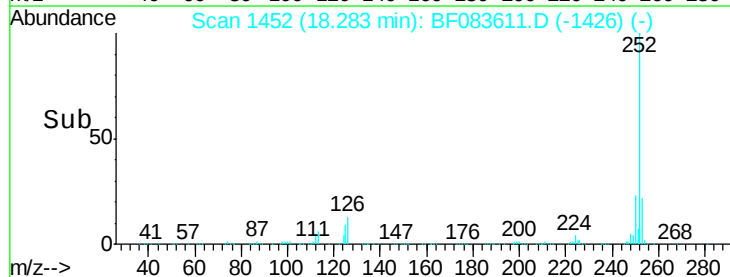
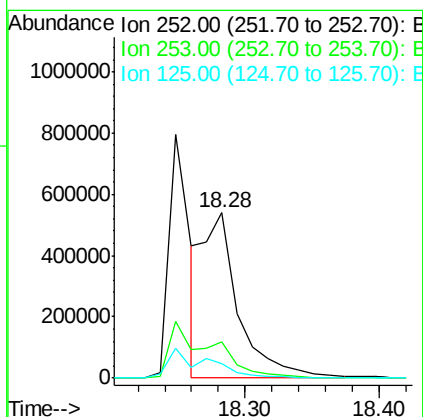
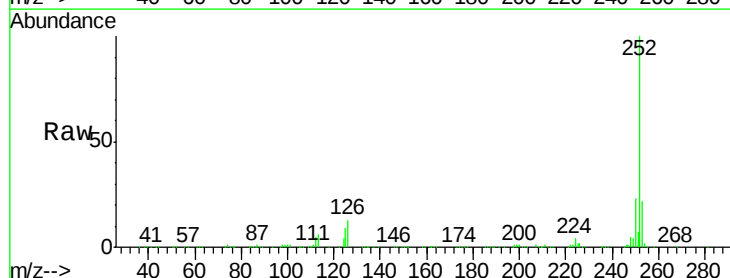
Manual Integrations
APPROVED

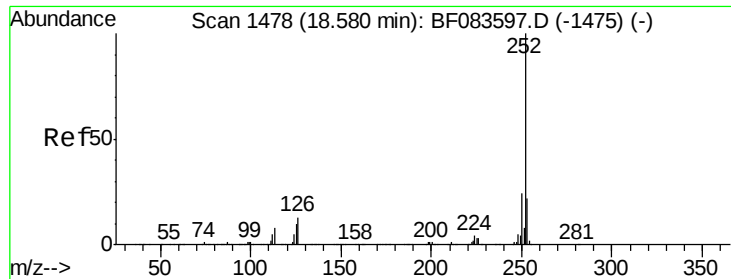
Mmdadoda
12/9/2015 6:13:27 PM



#88
Benzo(k)fluoranthene
Concen: 41.38 ng m
RT: 18.28 min Scan# 1452
Delta R.T. 0.00 min
Lab File: BF083611.D
Acq: 8 Dec 2015 23:20

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.8	18.6	27.8
125	9.0	11.5	17.3#





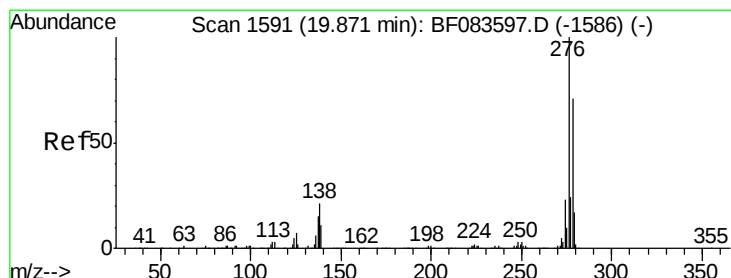
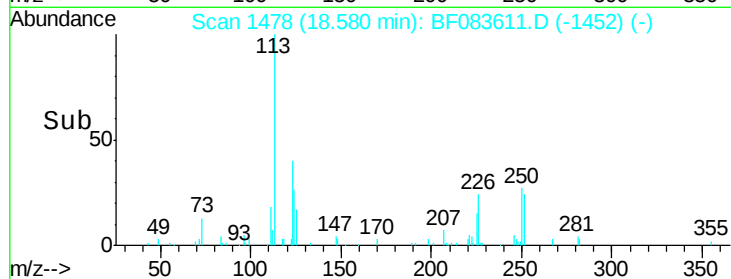
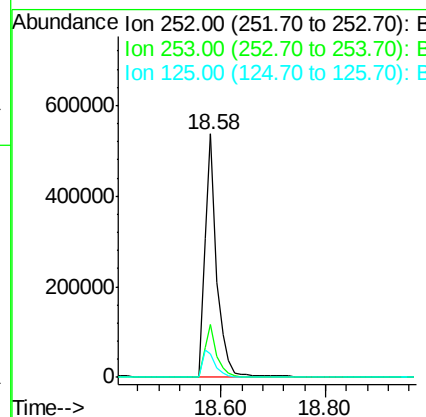
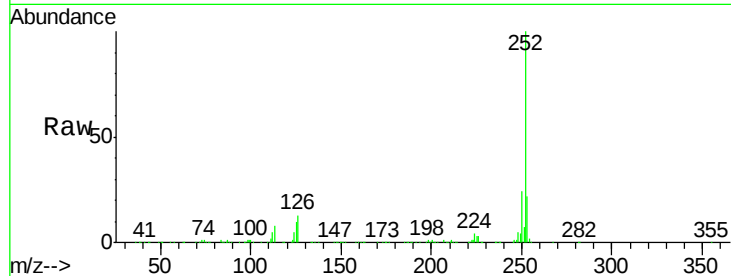
#89
Benzo(a)pyrene
Concen: 39.31 ng
RT: 18.58 min Scan# 1478
Delta R.T. 0.00 min
Lab File: BF083611.D
Acq: 8 Dec 2015 23:20

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.5	26.3
125	9.5	11.0	16.6

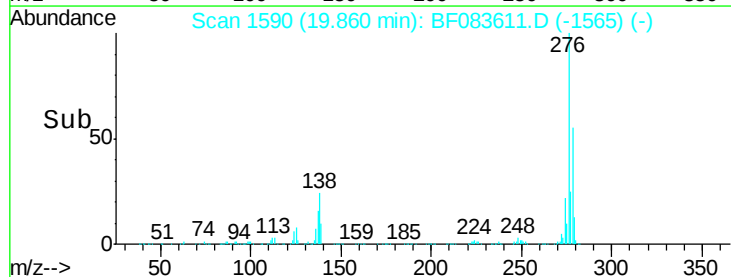
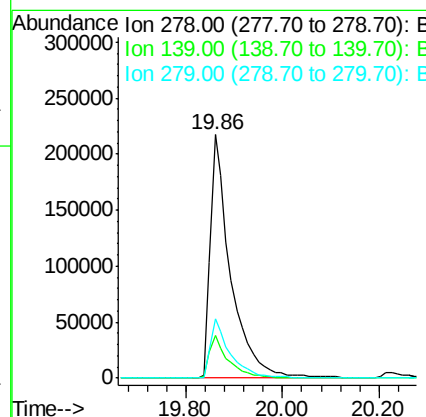
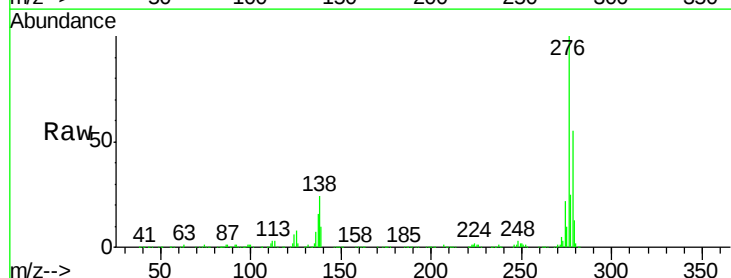
Manual Integrations
APPROVED

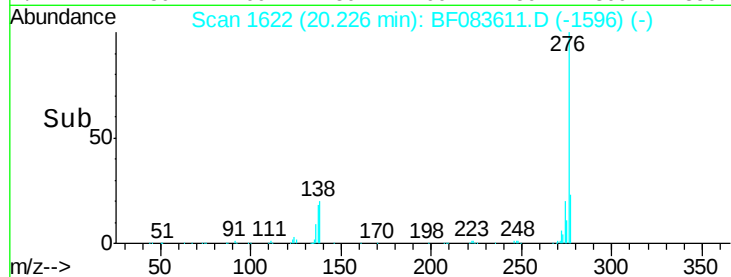
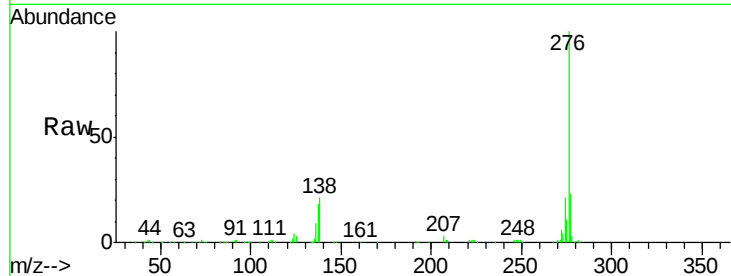
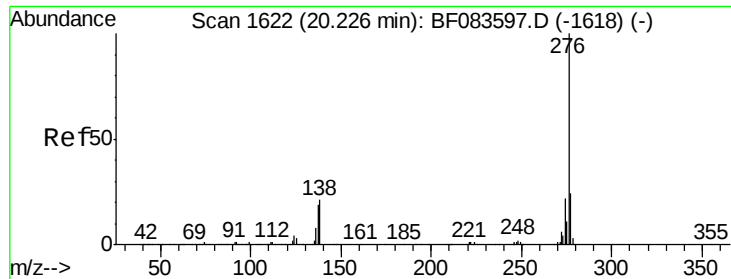
Mmdadoda
12/9/2015 6:13:27 PM



#90
Dibenzo(a,h)anthracene
Concen: 39.11 ng
RT: 19.86 min Scan# 1590
Delta R.T. -0.01 min
Lab File: BF083611.D
Acq: 8 Dec 2015 23:20

Tgt Ion	Ratio	Lower	Upper
278	100		
139	17.6	12.8	19.2
279	24.2	18.6	28.0





#91
 Benzo(a,h,i)perylene
 Concen: 37.62 ng
 RT: 20.23 min Scan# 1622
 Delta R.T. 0.00 min
 Lab File: BF083611.D
 Acq: 8 Dec 2015 23:20

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.2	19.2	28.8
138	21.1	19.5	29.3

Manual Integrations
 APPROVED

Mmdadoda
 12/9/2015 6:13:27 PM

