

Data Path : Z:\HPCHEM1\BNA F\DATA\BF120115\
 Data File : BF083400.D
 Acq On : 2 Dec 2015 5:06
 Operator : UM/IZ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Manual Integrations
 APPROVED

Mmdadoda
 12/2/2015 6:13:02 PM

Quant Time: Dec 02 06:13:11 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF113015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 01 01:17:16 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.54	152	178934	20.00	ng	0.00
21) Naphthalene-d8	7.84	136	702093	20.00	ng	0.00
38) Acenaphthene-d10	9.58	164	364485	20.00	ng	0.00
63) Phenanthrene-d10	11.13	188	695140	20.00	ng	0.00
75) Chrysene-d12	14.76	240	573131	20.00	ng	0.00
86) Perylene-d12	16.82	264	462368	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.13	112	919366	77.10	ng	0.00
7) Phenol-d6	6.22	99	1252829	76.76	ng	0.00
23) Nitrobenzene-d5	7.13	82	1171692	73.36	ng	0.00
41) 2,4,6-Tribromophenol	10.38	330	276706	75.63	ng	0.00
44) 2-Fluorobiphenyl	8.92	172	1802465	70.47	ng	0.00
78) Terphenyl-d14	13.22	244	1934026	80.48	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	1.95	88	224362	34.75	ng	96
3) Pyridine	2.56	79	648385	40.14	ng	99
4) n-Nitrosodimethylamine	2.52	42	316183	39.77	ng	95
6) Aniline	6.21	93	844452	37.82	ng	99
8) 2-Chlorophenol	6.34	128	511263	38.87	ng	99
9) Benzaldehyde	6.09	77	314177	40.01	ng	98
10) Phenol	6.24	94	761573	38.78	ng	99
11) bis(2-Chloroethyl)ether	6.29	93	542960	38.01	ng	98
12) 1,3-Dichlorobenzene	6.49	146	574146	39.27	ng	99
13) 1,4-Dichlorobenzene	6.57	146	595108	39.38	ng	98
14) 1,2-Dichlorobenzene	6.73	146	502955	36.28	ng	99
15) Benzyl Alcohol	6.72	79	505513	40.07	ng	100
16) 2,2'-oxybis(1-Chloropropan	6.85	45	951702	37.97	ng	93
17) 2-Methylphenol	6.84	107	431263	39.33	ng	99
18) Hexachloroethane	7.06	117	197657	37.66	ng	99
19) n-Nitroso-di-n-propylamine	6.99	70	490796	42.07	ng	98
20) 3+4-Methylphenols	7.00	107	569511	38.35	ng	98
22) Acetophenone	6.98	105	807737	38.45	ng	99
24) Nitrobenzene	7.15	77	628210	36.83	ng	99
25) Isophorone	7.39	82	1202121	38.86	ng	99
26) 2-Nitrophenol	7.46	139	260926	37.48	ng	99
27) 2,4-Dimethylphenol	7.53	122	477408	40.91	ng	99
28) bis(2-Chloroethoxy)methane	7.61	93	643507	36.52	ng	99
29) 2,4-Dichlorophenol	7.72	162	417779	37.22	ng	86
30) 1,2,4-Trichlorobenzene	7.79	180	462189	37.83	ng	98
31) Naphthalene	7.86	128	1405100	36.88	ng	100
32) Benzoic acid	7.68	122	281033	34.91	ng	98
33) 4-Chloroaniline	7.93	127	659384	40.15	ng	99
34) Hexachlorobutadiene	7.98	225	254563	36.70	ng	99
35) Caprolactam	8.32	113	141489	39.89	ng	88
36) 4-Chloro-3-methylphenol	8.43	107	500097	39.72	ng	94
37) 2-Methylnaphthalene	8.56	142	975300	38.31	ng	100
39) 1,2,4,5-Tetrachlorobenzene	8.72	216	424438	36.74	ng	99
40) Hexachlorocyclopentadiene	8.70	237	161301	29.39	ng	99

Data Path : Z:\HPCHEM1\BNA F\DATA\BF120115\
 Data File : BF083400.D
 Acq On : 2 Dec 2015 5:06
 Operator : UM/IZ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

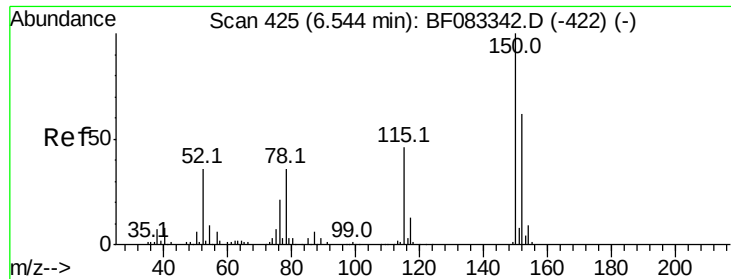
Manual Integrations
 APPROVED

Mmdadoda
 12/2/2015 6:13:02 PM

Quant Time: Dec 02 06:13:11 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF113015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 01 01:17:16 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.84	196	321611	39.68	nq	97
43) 2,4,5-Trichlorophenol	8.89	196	323216	38.49	nq	93
45) 1,1'-Biphenyl	9.02	154	1214996	38.01	nq	100
46) 2-Chloronaphthalene	9.04	162	876450	35.98	nq	99
47) 2-Nitroaniline	9.15	65	400618	41.53	nq	93
48) Acenaphthylene	9.45	152	1410704	36.31	nq	100
49) Dimethylphthalate	9.33	163	1066766	36.01	nq	99
50) 2,6-Dinitrotoluene	9.39	165	226903	35.87	nq	86
51) Acenaphthene	9.62	154	808710	35.39	nq	99
52) 3-Nitroaniline	9.56	138	272950	36.81	nq	95
53) 2,4-Dinitrophenol	9.66	184	88752	27.44	nq	# 80
54) Dibenzofuran	9.79	168	1196201	35.72	nq	99
55) 4-Nitrophenol	9.76	139	126899m	27.36	nq	
56) 2,4-Dinitrotoluene	9.79	165	293763	36.60	nq	93
57) Fluorene	10.13	166	940631	35.57	nq	100
58) 2,3,4,6-Tetrachlorophenol	9.93	232	247527	36.54	nq	98
59) Diethylphthalate	10.03	149	1054464	37.35	nq	99
60) 4-Chlorophenyl-phenylether	10.13	204	455482	37.49	nq	96
61) 4-Nitroaniline	10.18	138	287311	38.73	nq	97
62) Azobenzene	10.29	77	1362473	39.95	nq	99
64) 4,6-Dinitro-2-methylphenol	10.20	198	147853	31.68	nq	88
65) n-Nitrosodiphenylamine	10.26	169	952269	38.98	nq	99
66) 4-Bromophenyl-phenylether	10.64	248	302077	39.73	nq	97
67) Hexachlorobenzene	10.70	284	328045	39.02	nq	98
68) Atrazine	10.82	200	258396	38.25	nq	98
69) Pentachlorophenol	10.92	266	149127	33.86	nq	96
70) Phenanthrene	11.16	178	1554014	37.78	nq	99
71) Anthracene	11.22	178	1578122	38.11	nq	100
72) Carbazole	11.41	167	1372113	36.87	nq	99
73) Di-n-butylphthalate	11.86	149	1785550	40.49	nq	100
74) Fluoranthene	12.66	202	1576839	36.98	nq	99
76) Benzidine	12.87	184	621588	36.41	nq	100
77) Pyrene	12.98	202	1591475	39.76	nq	99
79) Butylbenzylphthalate	13.96	149	742405	43.72	nq	97
80) Benzo(a)anthracene	14.74	228	1333560	37.98	nq	100
81) 3,3'-Dichlorobenzidine	14.73	252	418576	38.16	nq	98
82) Chrysene	14.80	228	1219207	35.94	nq	100
83) Bis(2-ethylhexyl)phthalate	14.88	149	1067999	46.89	nq	100
84) Di-n-octyl phthalate	15.85	149	1677812	49.47	nq	99
85) Indeno(1,2,3-cd)pyrene	18.20	276	1093993	44.28	nq	100
87) Benzo(b)fluoranthene	16.31	252	1094705	36.90	nq	98
88) Benzo(k)fluoranthene	16.35	252	1018204	36.35	nq	98
89) Benzo(a)pyrene	16.75	252	965704	37.90	nq	98
90) Dibenzo(a,h)anthracene	18.23	278	925022	41.66	nq	99
91) Benzo(g,h,i)perylene	18.58	276	858383	39.39	nq	96

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.54 min Scan# 425

Delta R.T. -0.00 min

Lab File: BF083400.D

Acq: 2 Dec 2015 5:06

Instrument :

BNA_F

ClientSampleId :

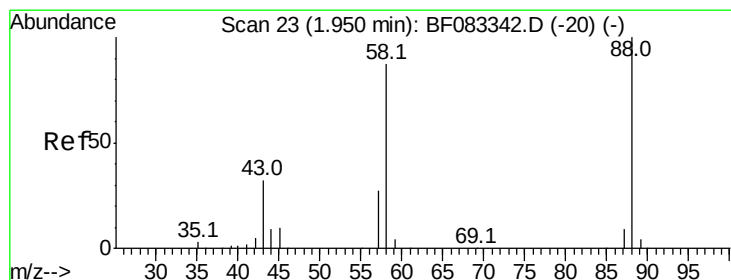
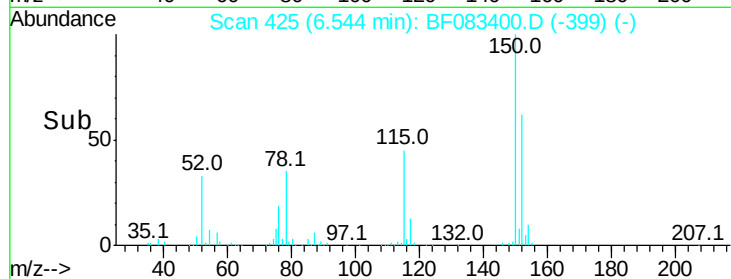
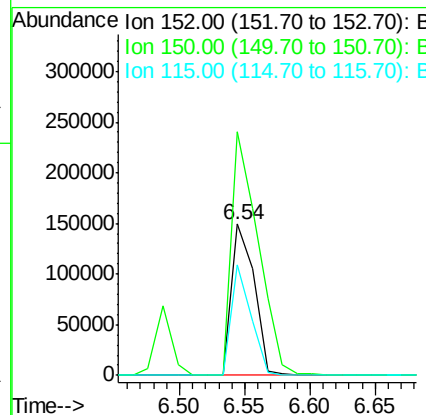
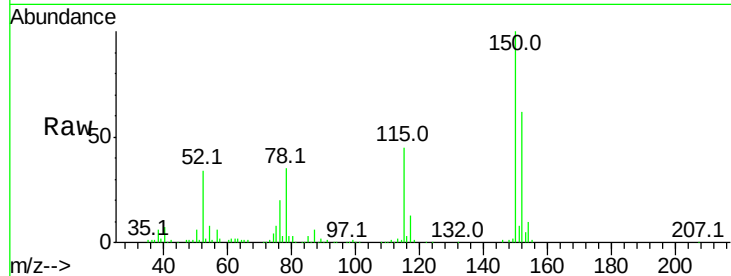
SSTDCCC040EC

Manual Integrations
APPROVED

Mmdadoda

12/2/2015 6:13:02 PM

Tot Ion:	152	Resp:	178934
Ion Ratio	Lower	Upper	
152	100		
150	161.1	129.8	194.8
115	72.7	59.2	88.8



#2

1,4-Dioxane

Concen: 34.75 ng

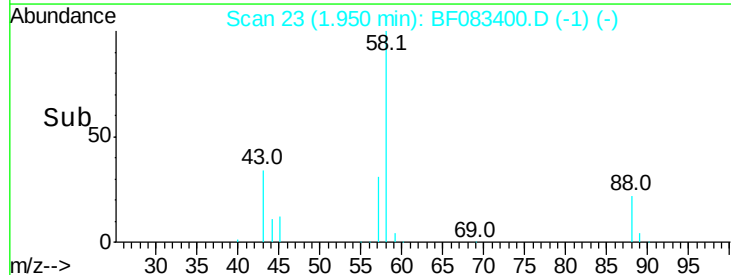
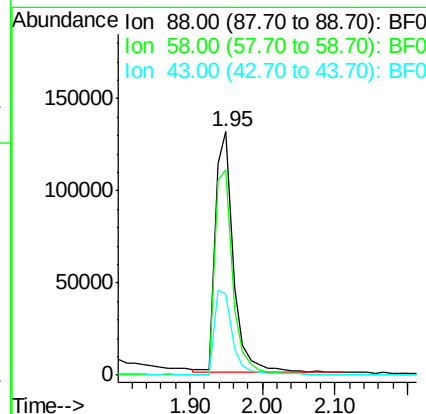
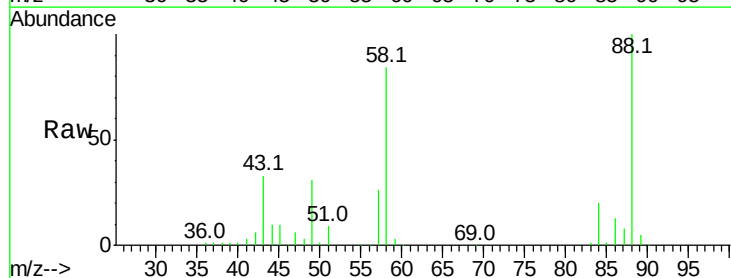
RT: 1.95 min Scan# 23

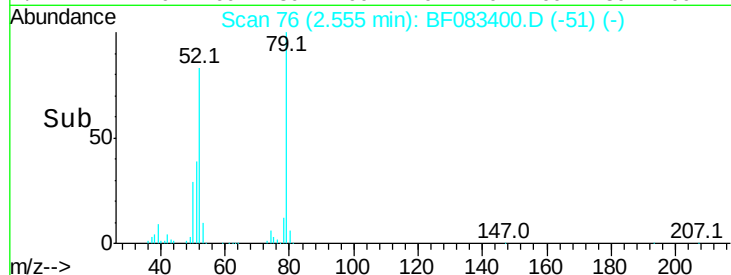
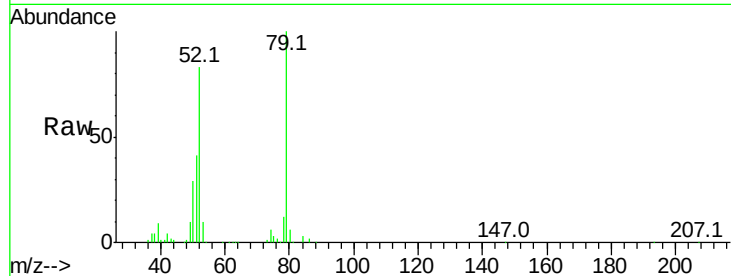
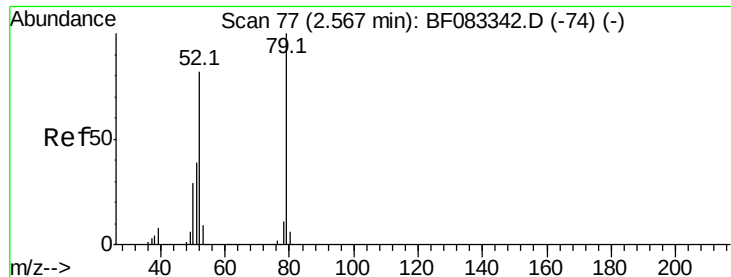
Delta R.T. -0.00 min

Lab File: BF083400.D

Acq: 2 Dec 2015 5:06

Tgt Ion:	88	Resp:	224362
Ion Ratio	Lower	Upper	
88	100		
58	86.3	66.6	100.0
43	36.8	27.1	40.7





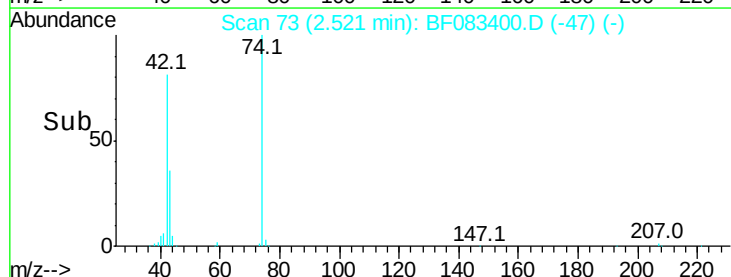
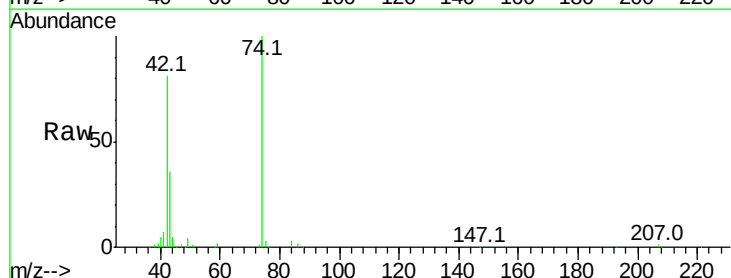
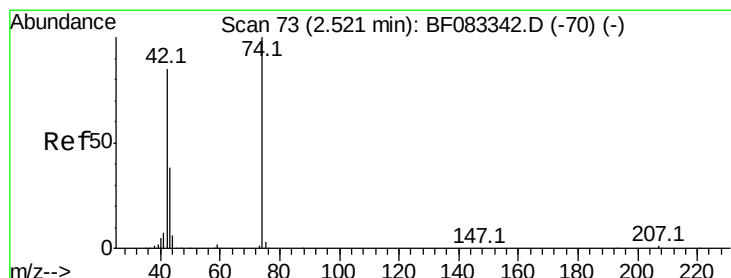
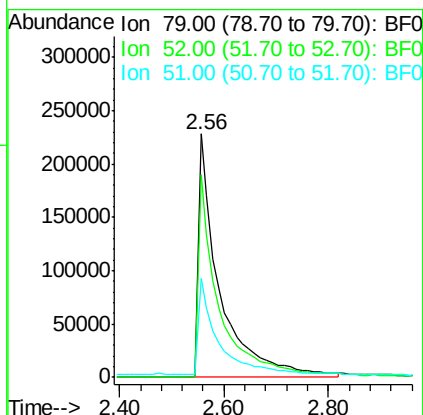
#3
 Pvridine
 Concen: 40.14 ng
 RT: 2.56 min Scan# 76
 Delta R.T. -0.01 min
 Lab File: BF083400.D
 Acq: 2 Dec 2015 5:06

Tot Ion	Ratio	Lower	Upper
79	100		
52	83.4	65.9	98.9
51	40.8	32.3	48.5

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

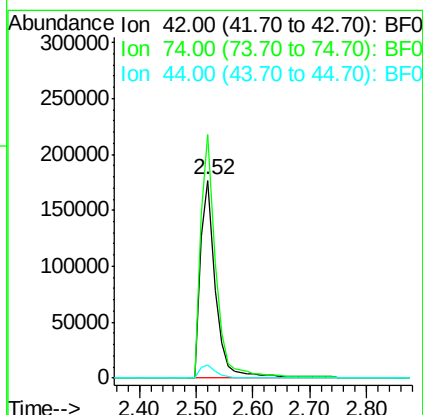
Manual Integrations
 APPROVED

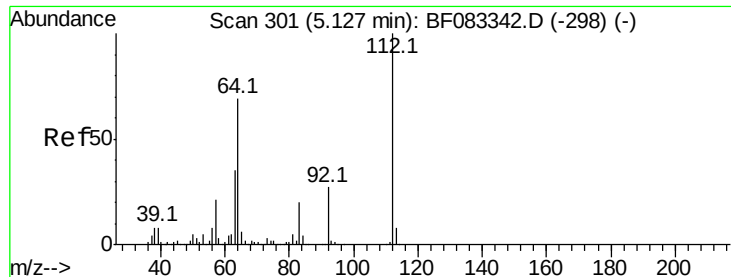
Mmdadoda
 12/2/2015 6:13:02 PM



#4
 n-Nitrosodimethylamine
 Concen: 39.77 ng
 RT: 2.52 min Scan# 73
 Delta R.T. -0.00 min
 Lab File: BF083400.D
 Acq: 2 Dec 2015 5:06

Tgt Ion	Ratio	Lower	Upper
42	100		
74	122.9	93.7	140.5
44	6.6	5.6	8.4





#5

2-Fluorophenol

Concen: 77.10 ng

RT: 5.13 min Scan# 301

Delta R.T. -0.00 min

Lab File: BF083400.D

Acq: 2 Dec 2015 5:06

Instrument :

BNA_F

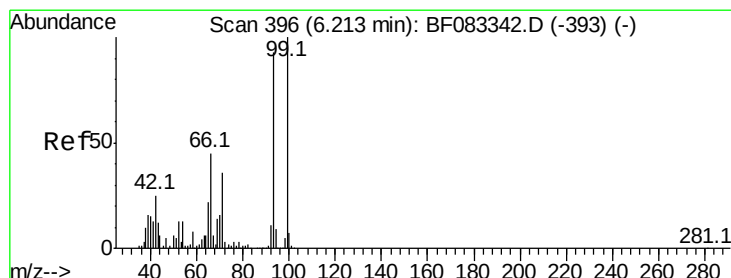
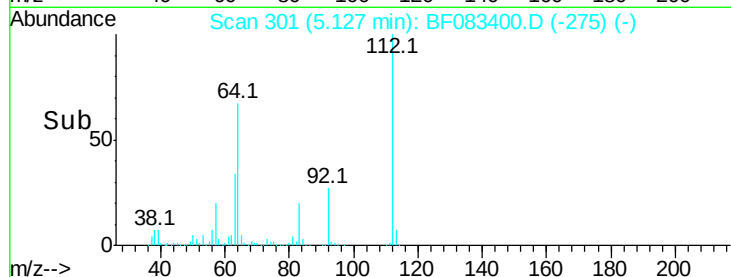
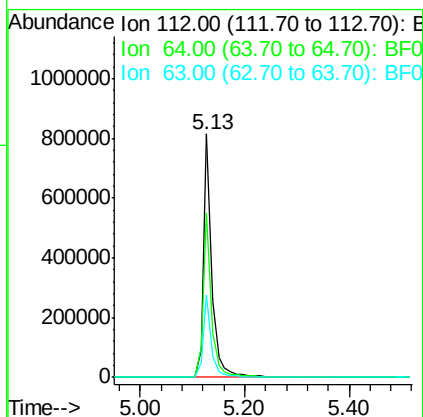
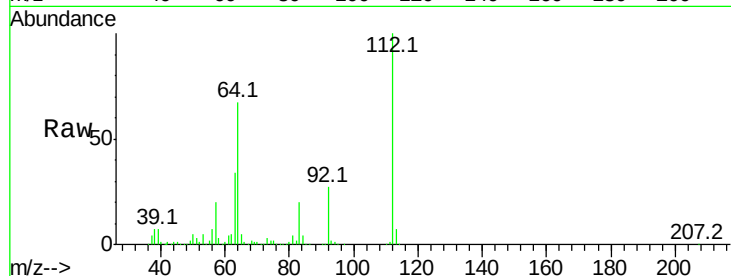
ClientSampleId :

SSTDCCC040EC

Tot Ion:	112	Resp:	919366
Ion Ratio	Lower	Upper	
112	100		
64	67.3	55.6	83.4
63	33.6	28.2	42.2

Manual Integrations
APPROVED

Mmdadoda
12/2/2015 6:13:02 PM



#6

Aniline

Concen: 37.82 ng

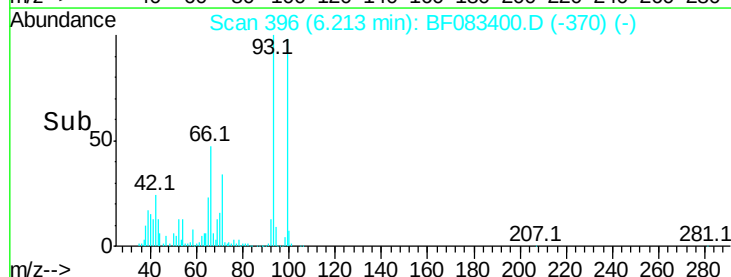
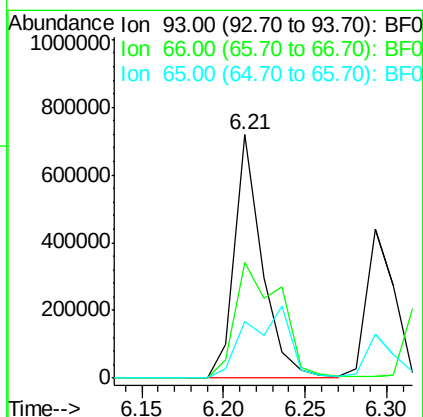
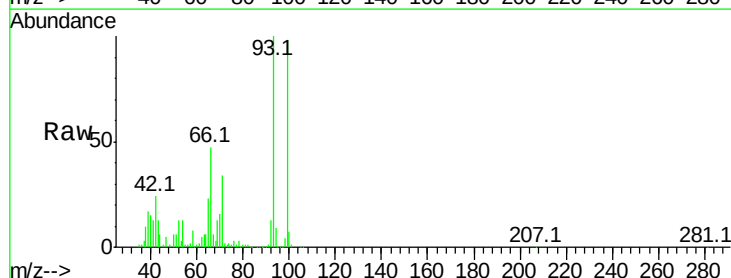
RT: 6.21 min Scan# 396

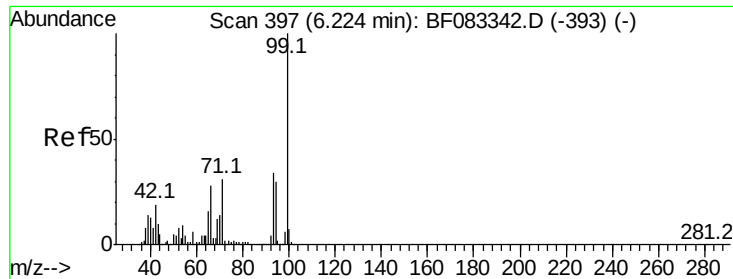
Delta R.T. -0.00 min

Lab File: BF083400.D

Acq: 2 Dec 2015 5:06

Tgt Ion:	93	Resp:	844452
Ion Ratio	Lower	Upper	
93	100		
66	47.4	38.7	58.1
65	23.1	19.0	28.6





#7

Phenol-d6

Concen: 76.76 ng

RT: 6.22 min Scan# 397

Delta R.T. -0.00 min

Lab File: BF083400.D

Acq: 2 Dec 2015 5:06

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tot Ion: 99 Resp: 1252829

Ion Ratio Lower Upper

99 100

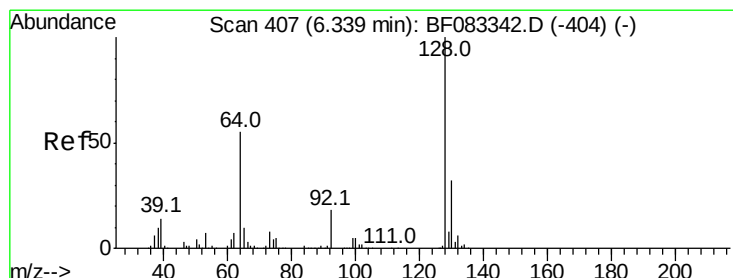
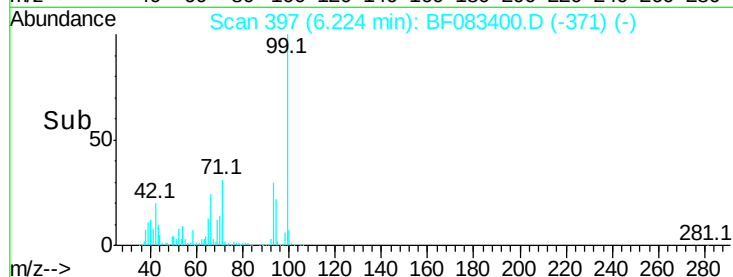
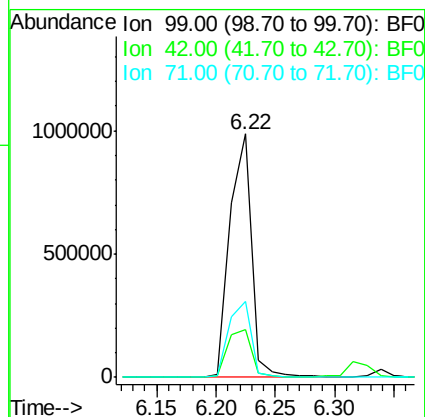
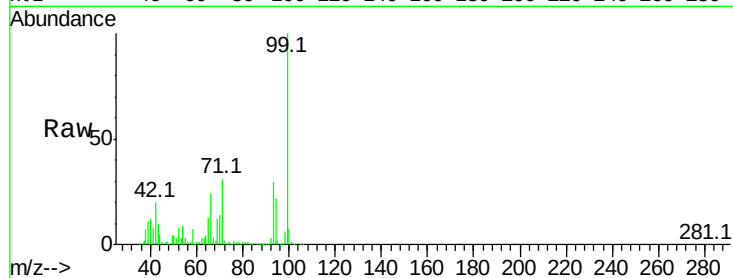
42 19.6 14.9 22.3

71 31.3 24.7 37.1

Manual Integrations
APPROVED

Mmdadoda

12/2/2015 6:13:02 PM



#8

2-Chlorophenol

Concen: 38.87 ng

RT: 6.34 min Scan# 407

Delta R.T. -0.00 min

Lab File: BF083400.D

Acq: 2 Dec 2015 5:06

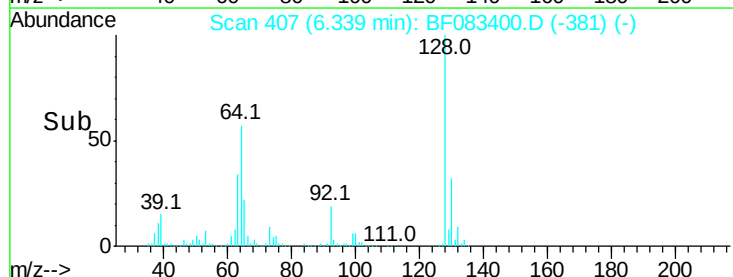
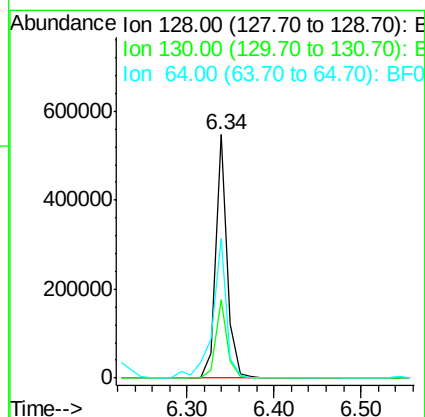
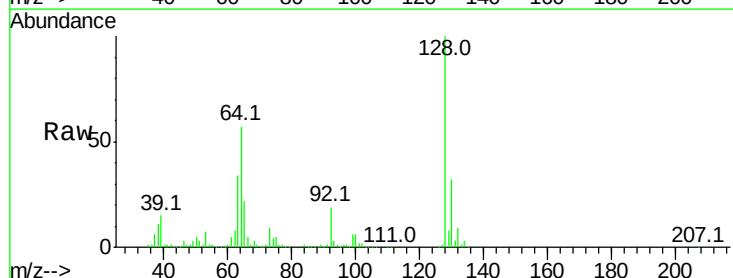
Tgt Ion: 128 Resp: 511263

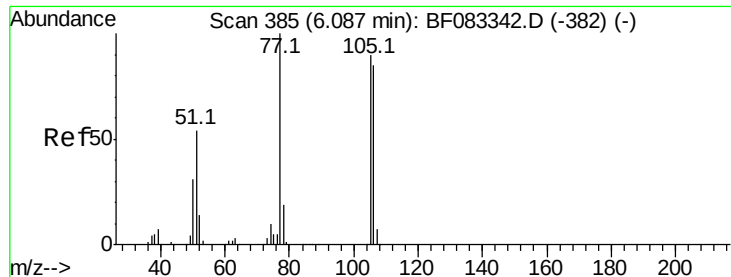
Ion Ratio Lower Upper

128 100

130 32.3 12.3 52.3

64 57.3 36.4 76.4





#9

Benzaldehyde

Concen: 40.01 ng

RT: 6.09 min Scan# 385

Delta R.T. 0.00 min

Lab File: BF083400.D

Acq: 2 Dec 2015 5:06

Instrument :

BNA_F

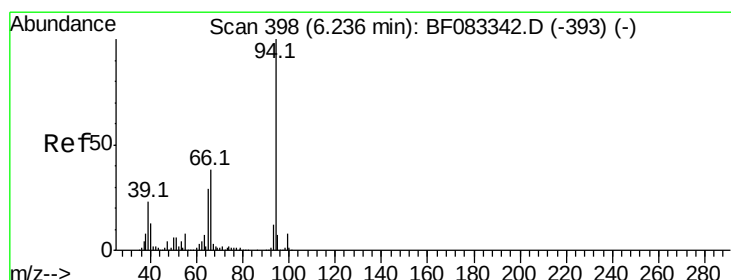
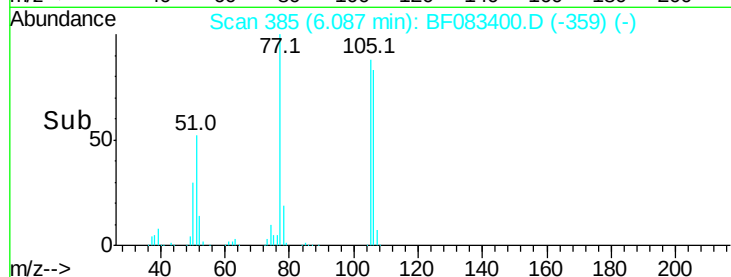
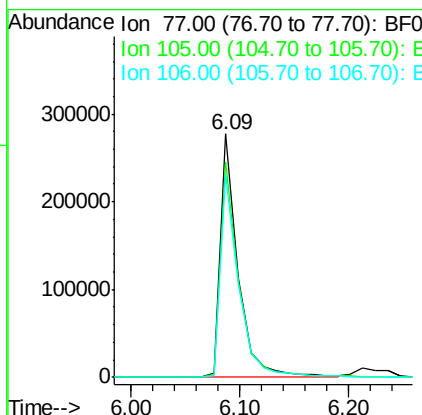
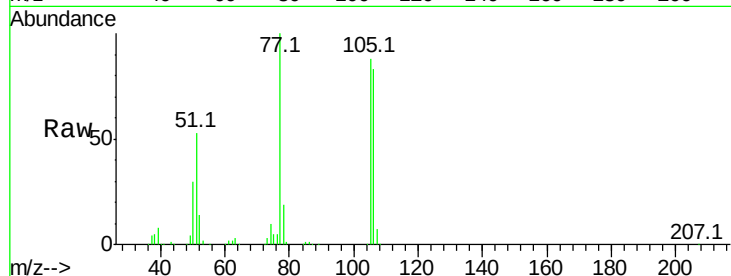
ClientSampleId :

SSTDCCC040EC

Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100				
105	88.3	70.0	110.0		
106	83.3	65.0	105.0		

Manual Integrations
APPROVED

Mmdadoda
12/2/2015 6:13:02 PM



#10

Phenol

Concen: 38.78 ng

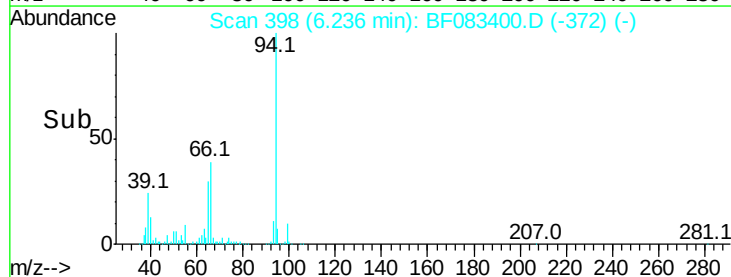
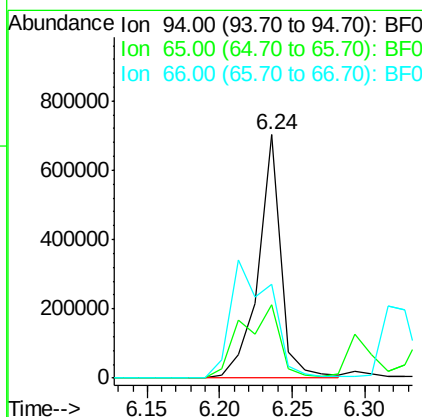
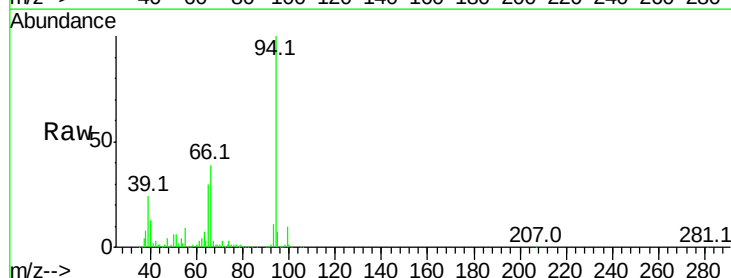
RT: 6.24 min Scan# 398

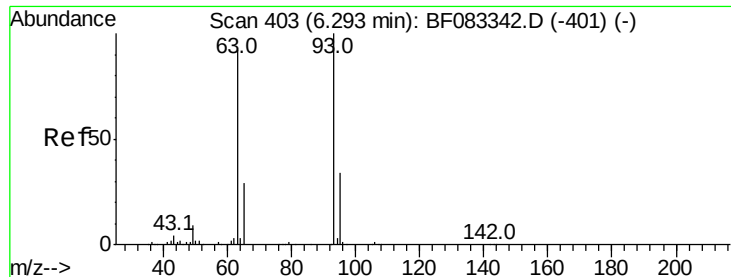
Delta R.T. -0.00 min

Lab File: BF083400.D

Acq: 2 Dec 2015 5:06

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
94	100				
65	30.1	9.5	49.5		
66	38.6	17.9	57.9		





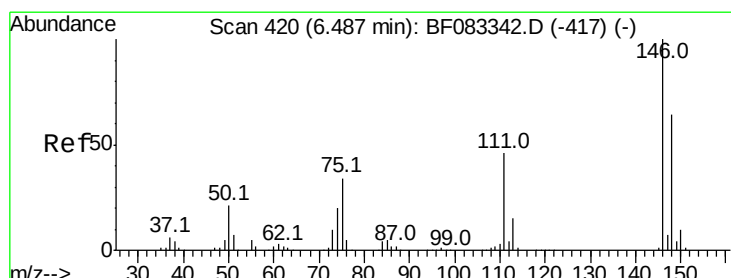
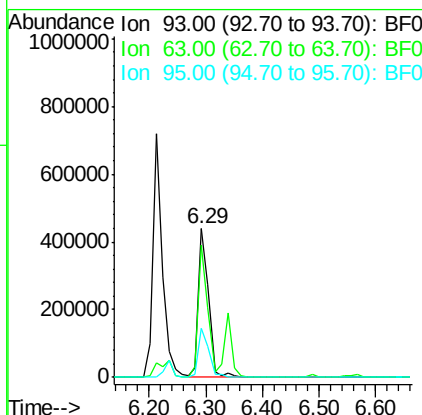
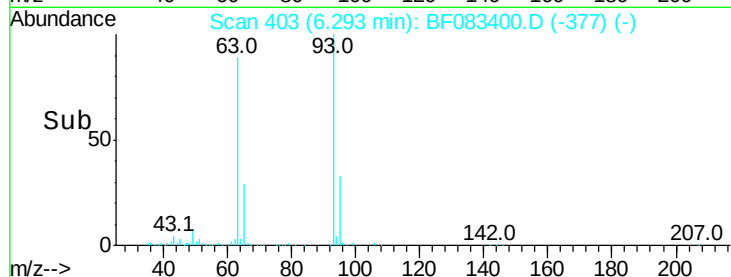
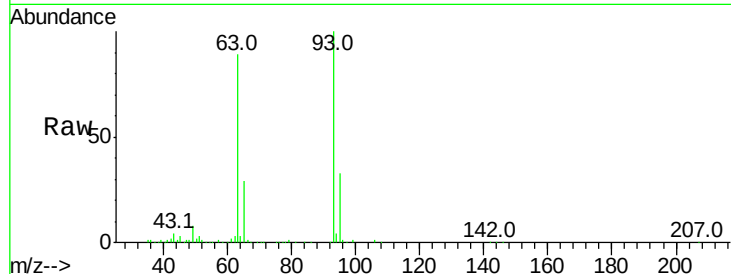
#11
bis(2-Chloroethyl)ether
Concen: 38.01 ng
RT: 6.29 min Scan# 403
Delta R.T. -0.00 min
Lab File: BF083400.D
Acq: 2 Dec 2015 5:06

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion:	93	Resp:	542960
Ion Ratio	Lower	Upper	
93	100		
63	88.9	71.4	111.4
95	33.2	13.4	53.4

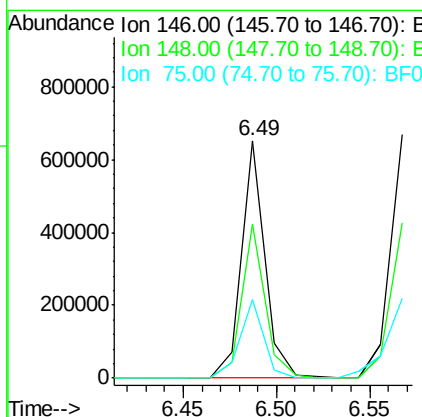
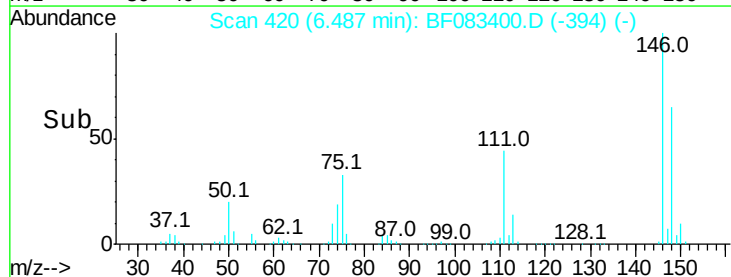
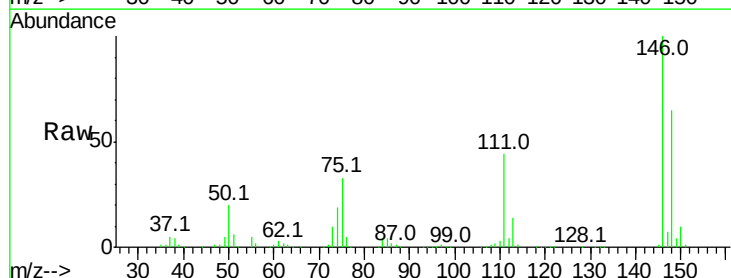
Manual Integrations
APPROVED

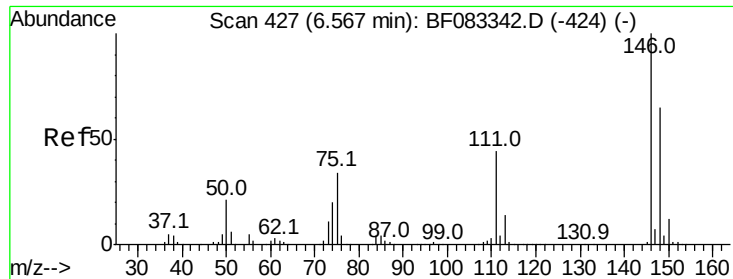
Mmdadoda
12/2/2015 6:13:02 PM



#12
1,3-Dichlorobenzene
Concen: 39.27 ng
RT: 6.49 min Scan# 420
Delta R.T. -0.00 min
Lab File: BF083400.D
Acq: 2 Dec 2015 5:06

Tgt Ion:	146	Resp:	574146
Ion Ratio	Lower	Upper	
146	100		
148	64.8	51.1	76.7
75	33.2	27.5	41.3





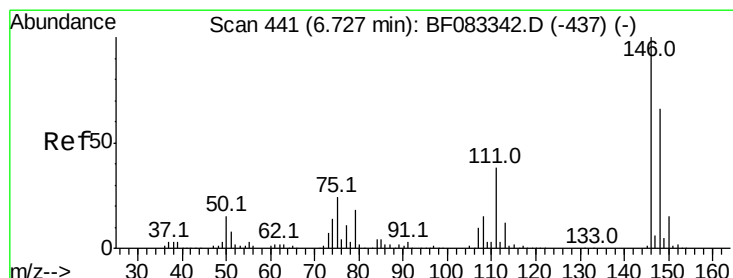
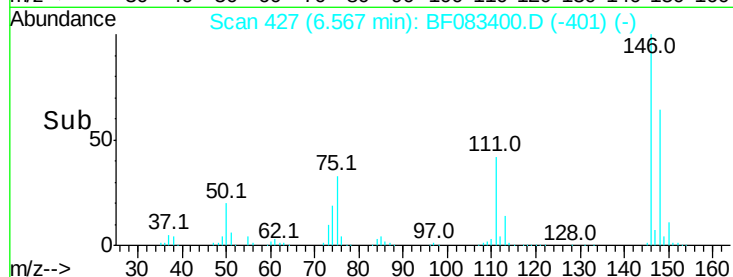
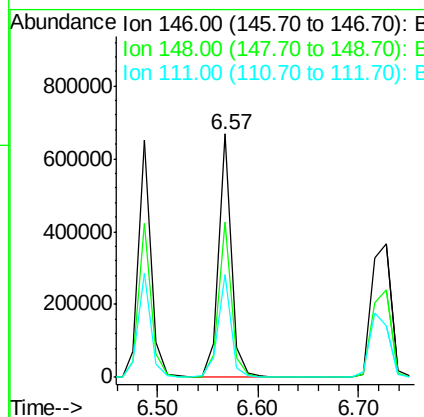
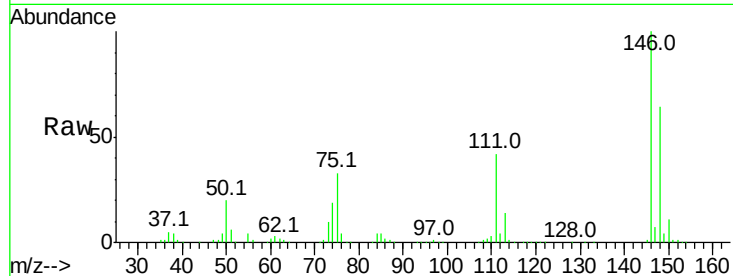
#13
 1,4-Dichlorobenzene
 Concen: 39.38 ng
 RT: 6.57 min Scan# 427
 Delta R.T. -0.00 min
 Lab File: BF083400.D
 Acq: 2 Dec 2015 5:06

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tot Ion	Ratio	Resp	Lower	Upper
146	100	595108		
148	63.9	52.1	78.1	
111	42.4	35.4	53.0	

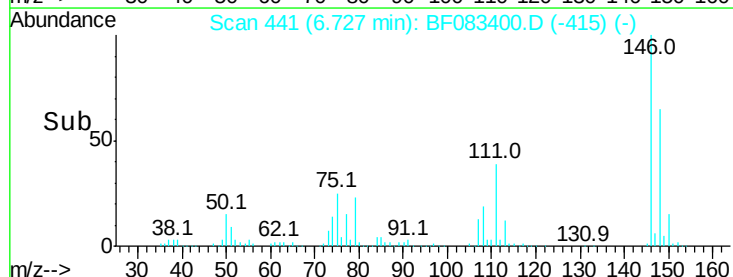
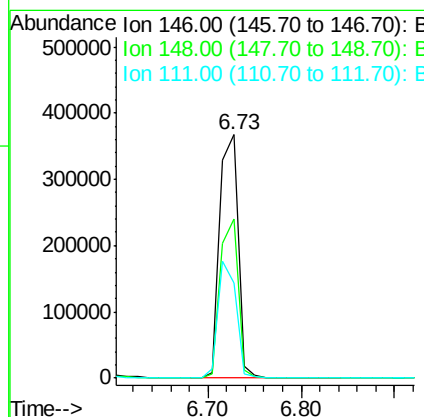
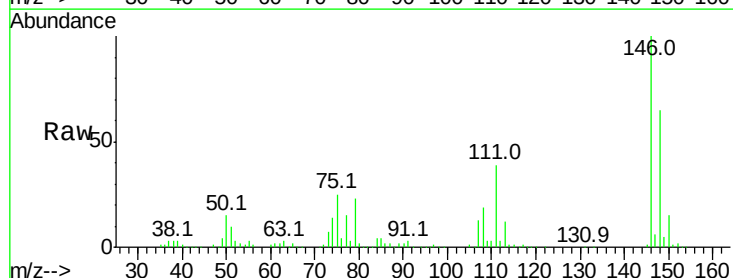
Manual Integrations
 APPROVED

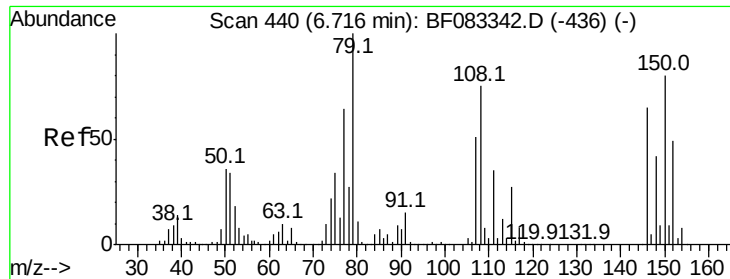
Mmdadoda
 12/2/2015 6:13:02 PM



#14
 1,2-Dichlorobenzene
 Concen: 36.28 ng
 RT: 6.73 min Scan# 441
 Delta R.T. -0.00 min
 Lab File: BF083400.D
 Acq: 2 Dec 2015 5:06

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	502955		
148	65.1	52.5	78.7	
111	38.8	30.6	46.0	





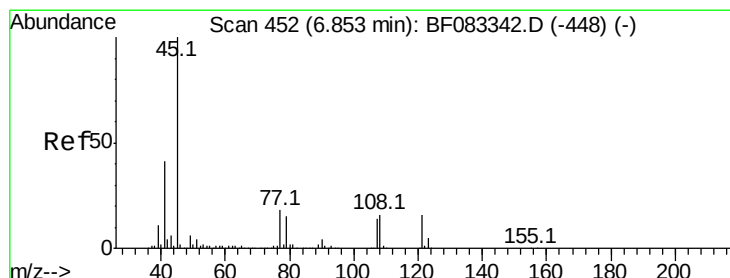
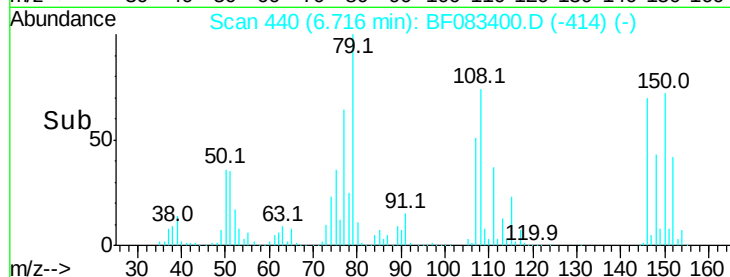
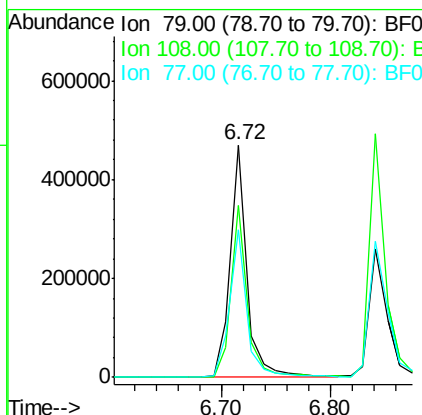
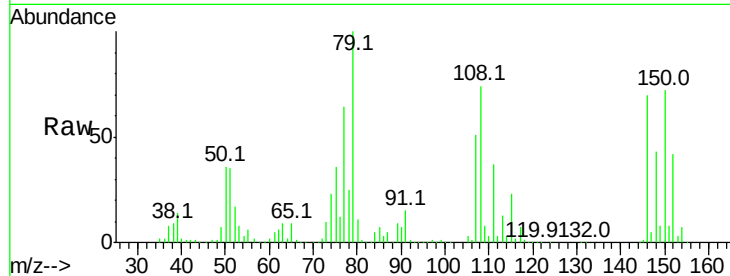
#15
Benzyl Alcohol
Concen: 40.07 ng
RT: 6.72 min Scan# 440
Delta R.T. -0.00 min
Lab File: BF083400.D
Acq: 2 Dec 2015 5:06

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
79	100		
108	74.3	59.9	89.9
77	63.8	51.0	76.6

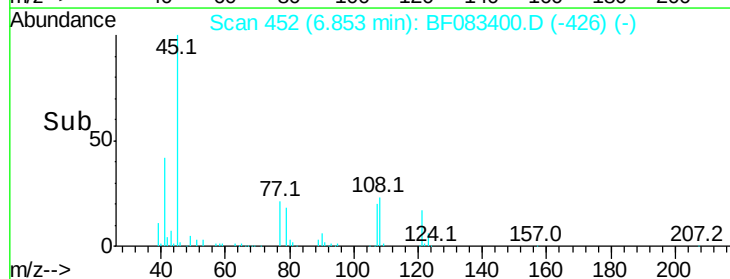
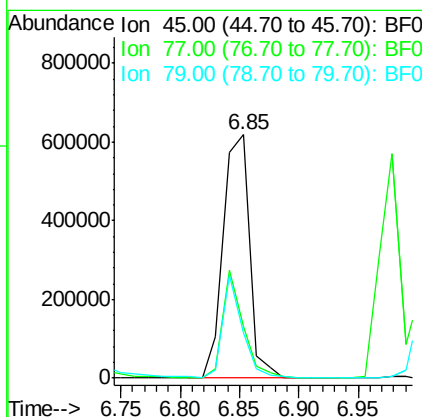
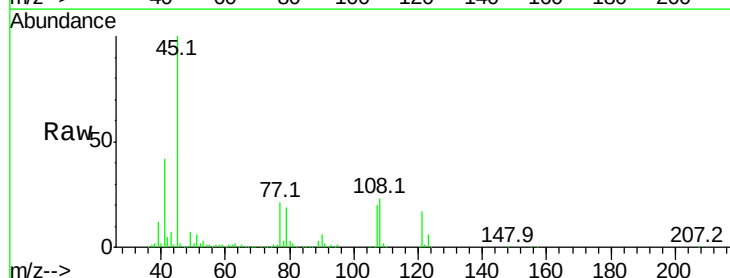
Manual Integrations
APPROVED

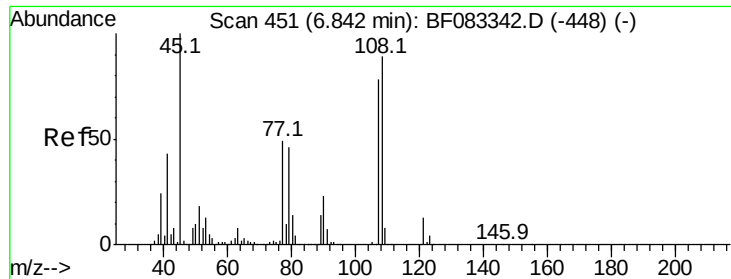
Mmdadoda
12/2/2015 6:13:02 PM



#16
2,2'-oxybis(1-chloropropane)
Concen: 37.97 ng
RT: 6.85 min Scan# 452
Delta R.T. -0.00 min
Lab File: BF083400.D
Acq: 2 Dec 2015 5:06

Tgt Ion	Ratio	Lower	Upper
45	100		
77	21.4	0.0	38.3
79	18.7	0.0	35.4





#17

2-Methylphenol

Concen: 39.33 ng

RT: 6.84 min Scan# 451

Delta R.T. -0.00 min

Lab File: BF083400.D

Acq: 2 Dec 2015 5:06

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tot Ion:107 Resp: 431263

Ion Ratio Lower Upper

107 100

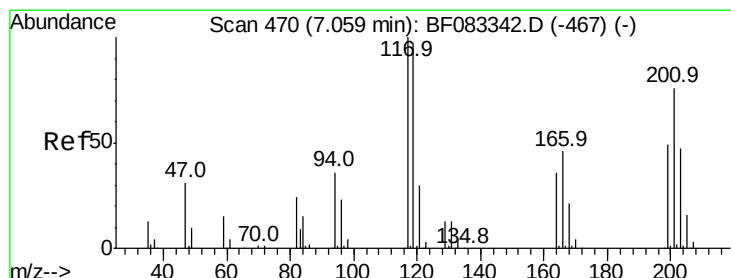
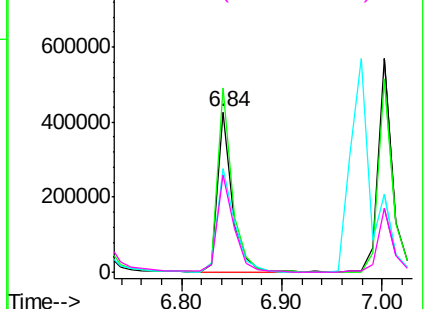
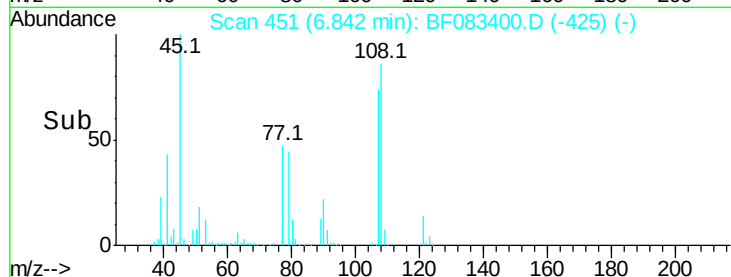
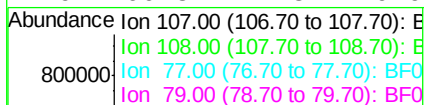
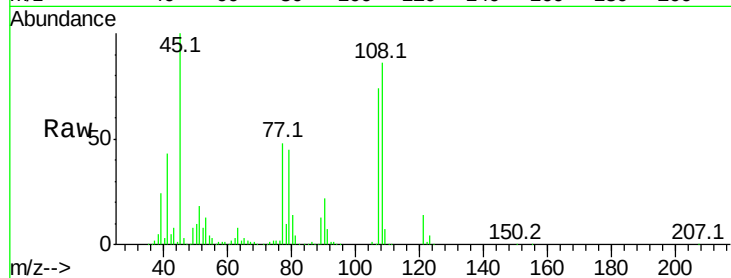
108 115.0 91.6 137.4

77 64.2 49.9 74.9

79 60.8 47.3 70.9

Manual Integrations
APPROVED

Mmdadoda
12/2/2015 6:13:02 PM



#18

Hexachloroethane

Concen: 37.66 ng

RT: 7.06 min Scan# 470

Delta R.T. -0.00 min

Lab File: BF083400.D

Acq: 2 Dec 2015 5:06

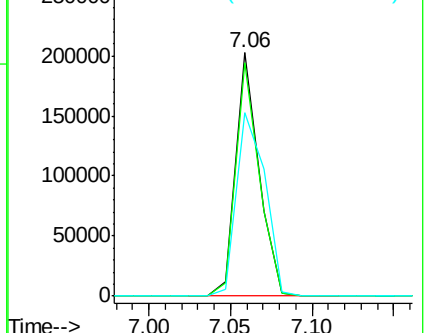
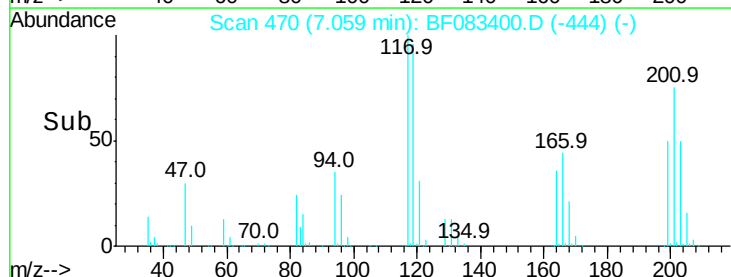
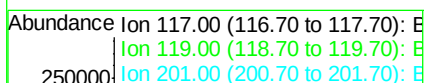
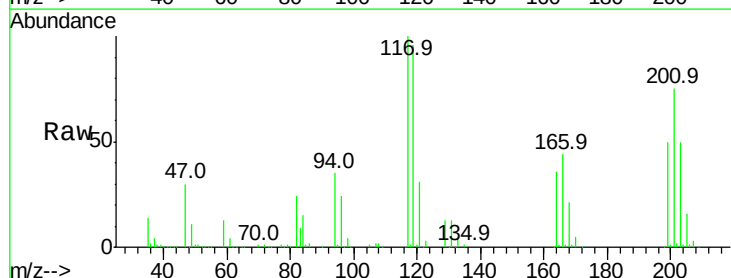
Tgt Ion:117 Resp: 197657

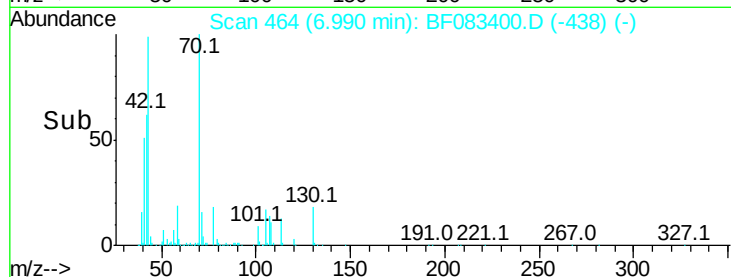
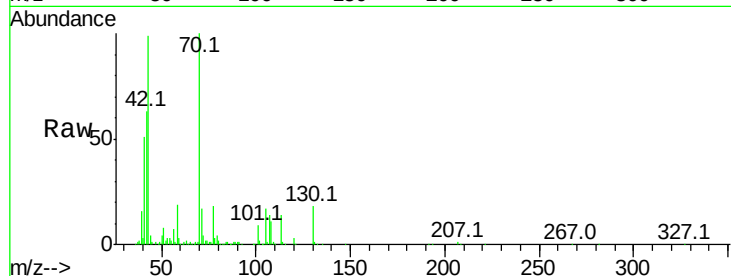
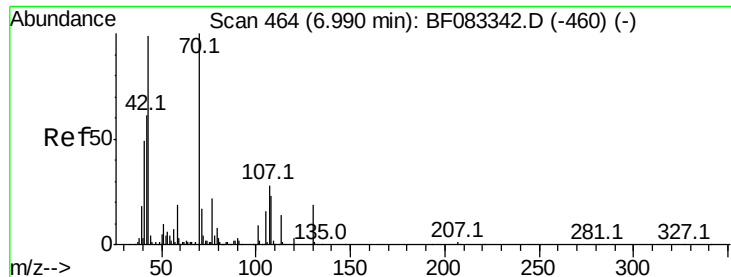
Ion Ratio Lower Upper

117 100

119 95.8 77.3 115.9

201 75.5 60.6 90.8





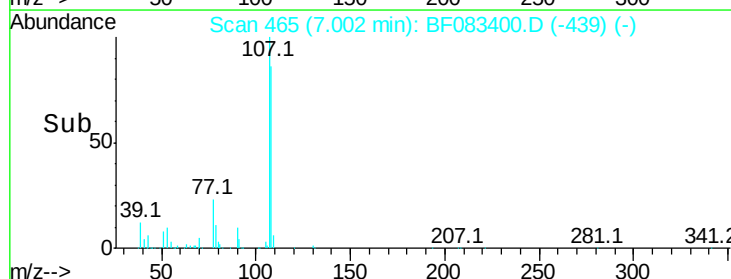
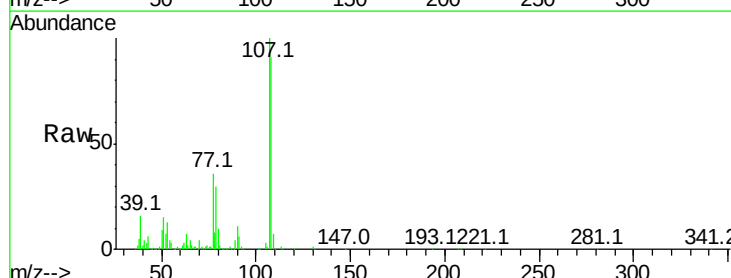
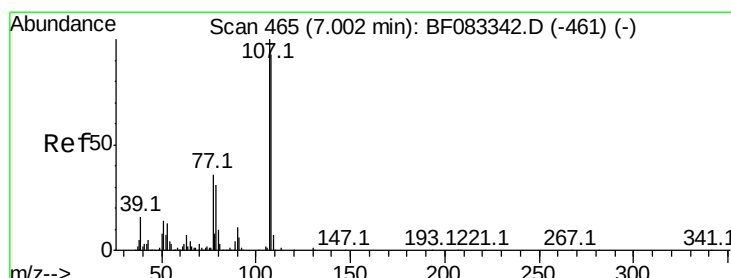
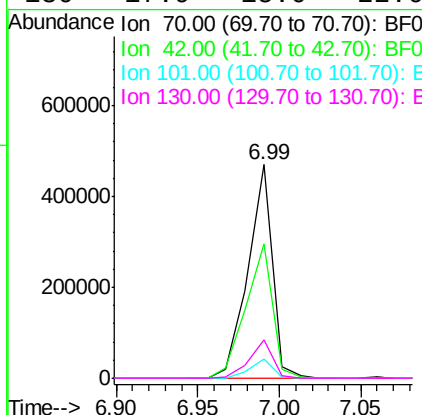
#19
n-Nitroso-di-n-propylamine
Concen: 42.07 ng
RT: 6.99 min Scan# 464
Delta R.T. -0.00 min
Lab File: BF083400.D
Acq: 2 Dec 2015 5:06

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Manual Integrations
APPROVED

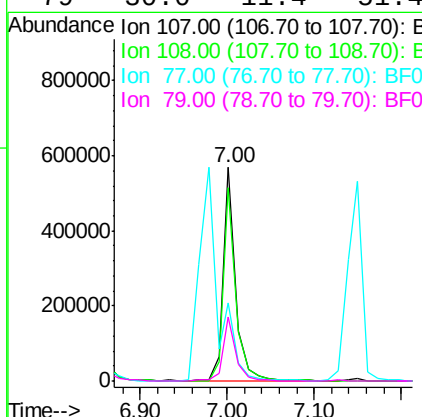
Mmdadoda
12/2/2015 6:13:02 PM

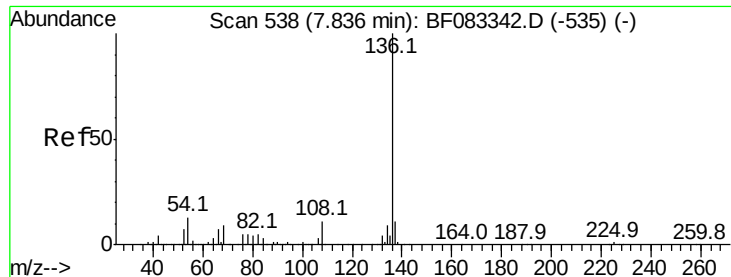
Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100				
42	63.2	48.8	73.2		
101	8.8	7.1	10.7		
130	17.9	15.0	22.6		



#20
3+4-Methylphenols
Concen: 38.35 ng
RT: 7.00 min Scan# 465
Delta R.T. -0.00 min
Lab File: BF083400.D
Acq: 2 Dec 2015 5:06

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100				
108	90.6	73.0	113.0		
77	36.3	16.8	56.8		
79	30.0	11.4	51.4		





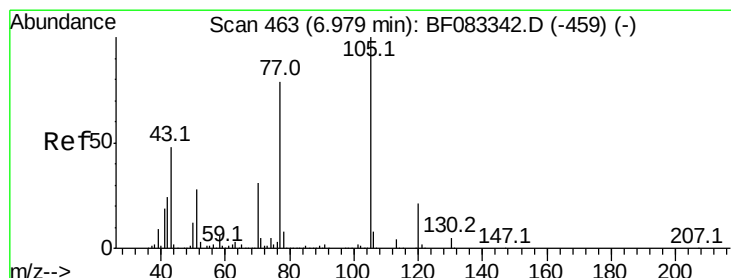
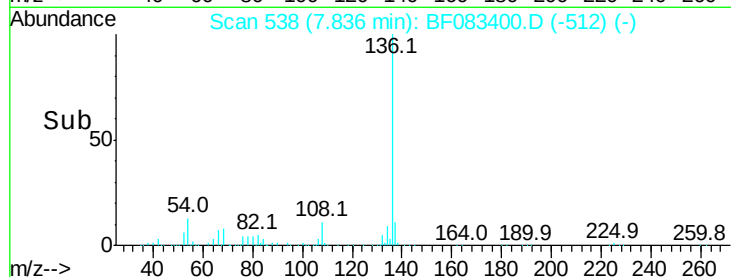
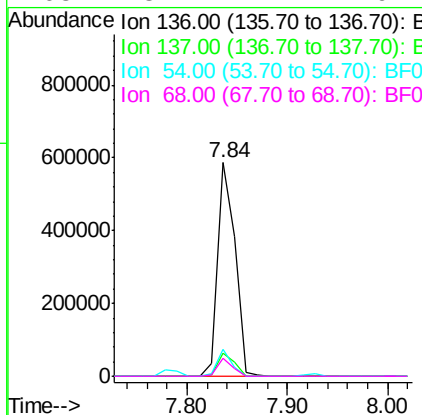
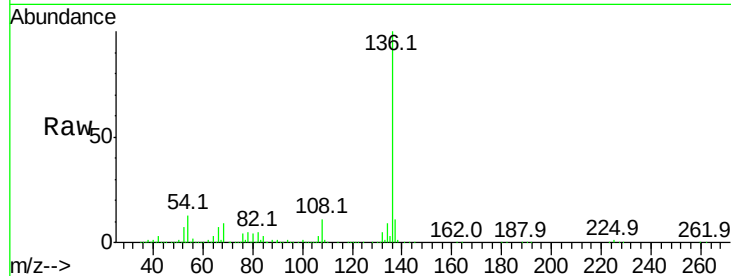
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.84 min Scan# 538
Delta R.T. -0.00 min
Lab File: BF083400.D
Acq: 2 Dec 2015 5:06

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	10.9	9.0	13.4	
54	12.8	10.1	15.1	
68	8.7	7.1	10.7	

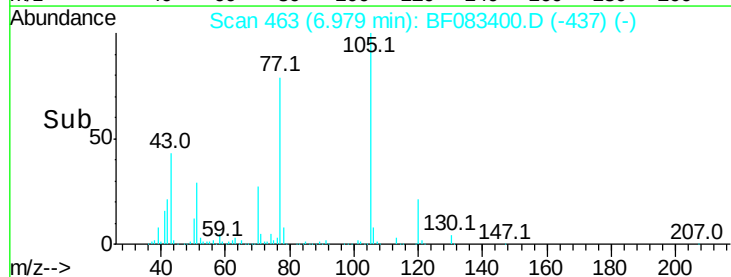
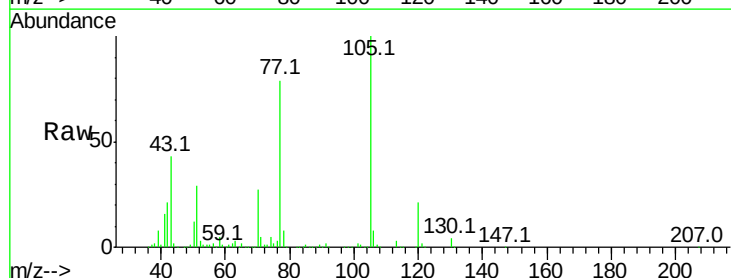
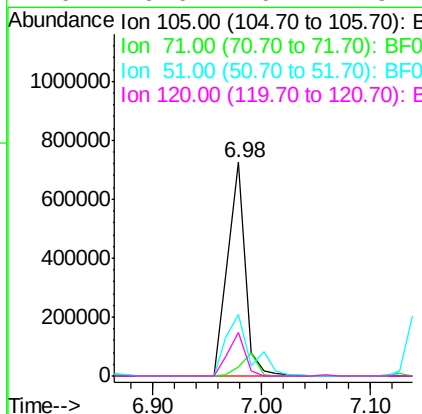
Manual Integrations
APPROVED

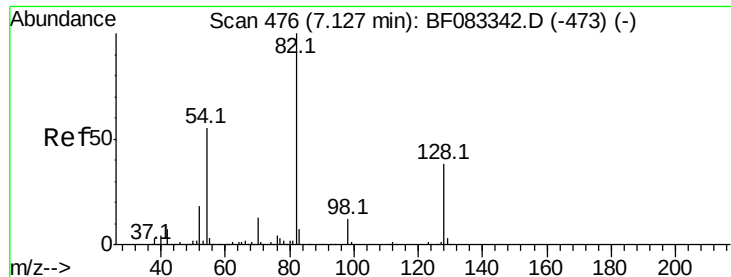
Mmdadoda
12/2/2015 6:13:02 PM



#22
Acetophenone
Concen: 38.45 ng
RT: 6.98 min Scan# 463
Delta R.T. -0.00 min
Lab File: BF083400.D
Acq: 2 Dec 2015 5:06

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	4.5	4.3	6.5	
51	29.0	22.9	34.3	
120	20.6	16.7	25.1	





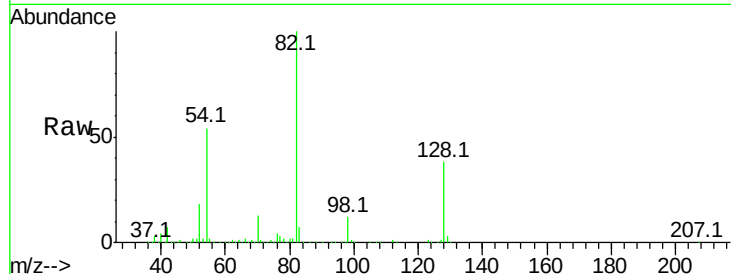
#23
Nitrobenzene-d5
Concen: 73.36 ng
RT: 7.13 min Scan# 476
Delta R.T. -0.00 min
Lab File: BF083400.D
Acq: 2 Dec 2015 5:06

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

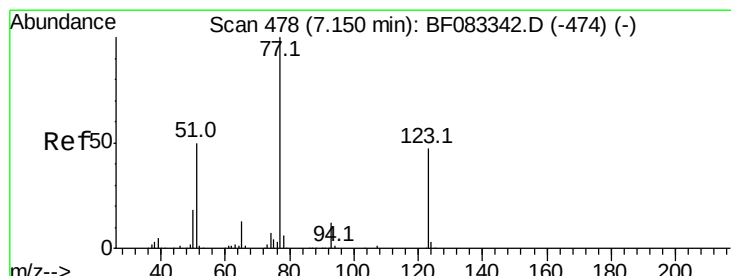
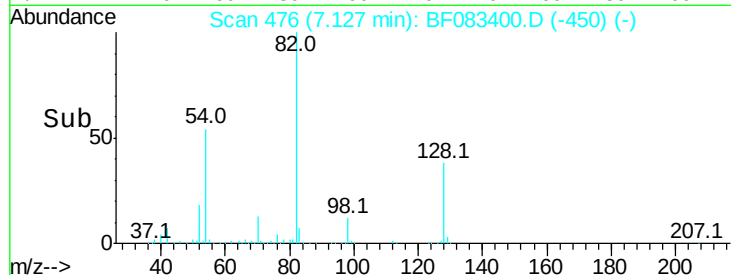
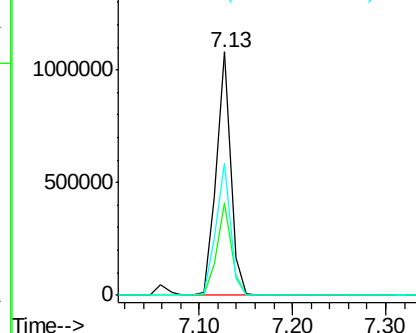
Tot Ion: 82 Resp: 1171692
Ion Ratio Lower Upper
82 100
128 37.8 30.6 46.0
54 54.4 43.8 65.6

Manual Integrations
APPROVED

Mmdadoda
12/2/2015 6:13:02 PM

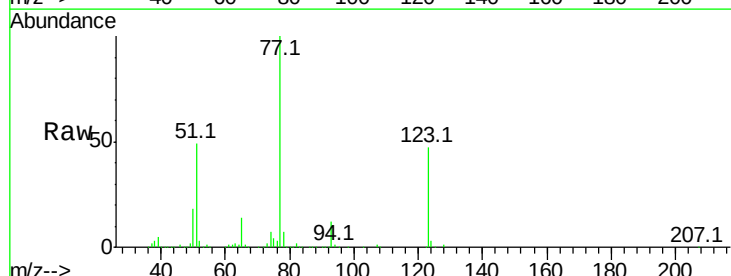


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): B
Ion 54.00 (53.70 to 54.70): BF0

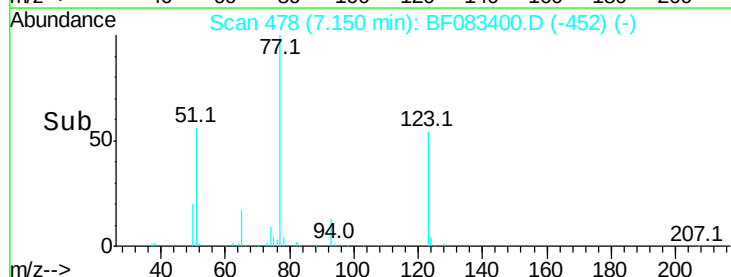
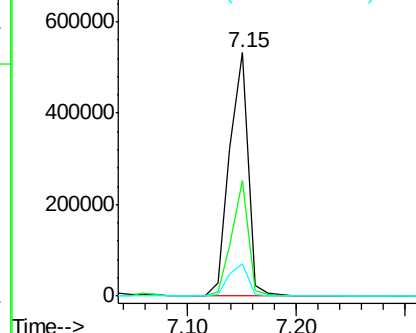


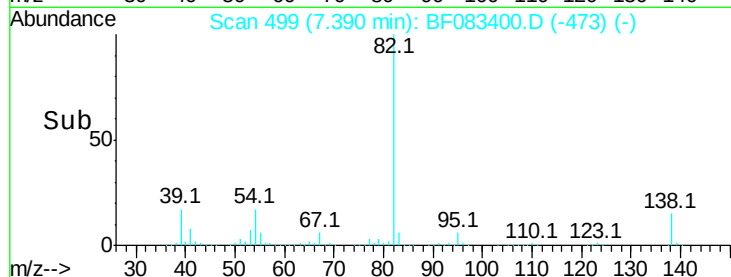
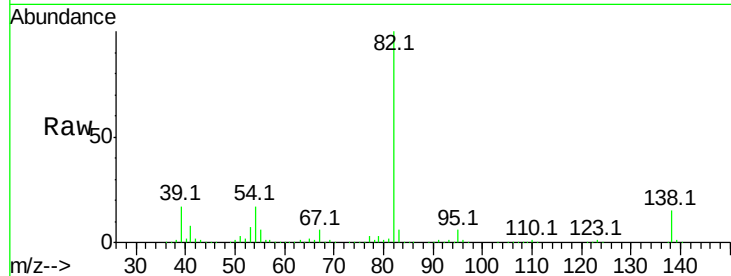
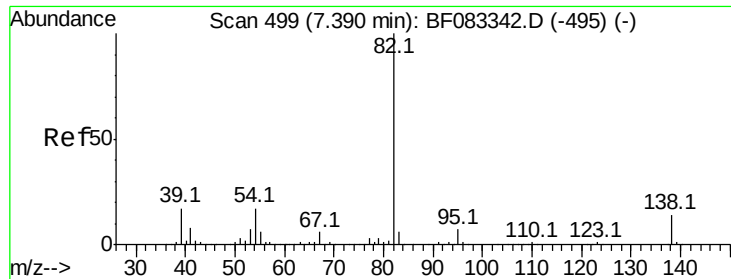
#24
Nitrobenzene
Concen: 36.83 ng
RT: 7.15 min Scan# 478
Delta R.T. -0.00 min
Lab File: BF083400.D
Acq: 2 Dec 2015 5:06

Tgt Ion: 77 Resp: 628210
Ion Ratio Lower Upper
77 100
123 47.2 37.4 56.0
65 13.5 10.6 15.8



Abundance Ion 77.00 (76.70 to 77.70): BF0
Ion 123.00 (122.70 to 123.70): B
Ion 65.00 (64.70 to 65.70): BF0





#25

Isophorone

Concen: 38.86 ng

RT: 7.39 min Scan# 499

Delta R.T. -0.00 min

Lab File: BF083400.D

Acq: 2 Dec 2015 5:06

Tot Ion:	82	Resp:	1202121
Ion	Ratio	Lower	Upper
82	100		
95	6.4	5.3	7.9
138	14.7	11.6	17.4

Instrument :

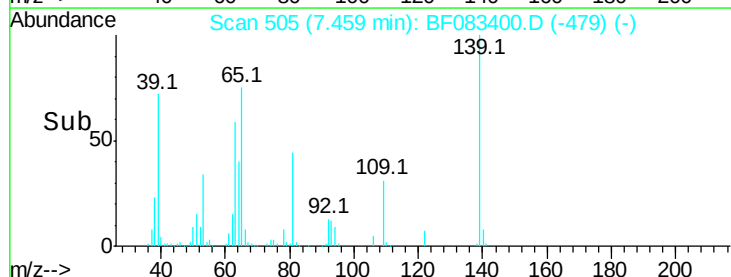
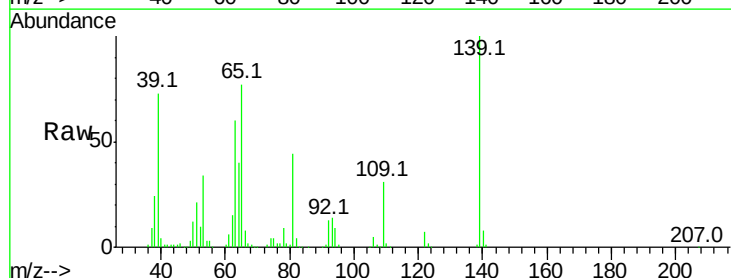
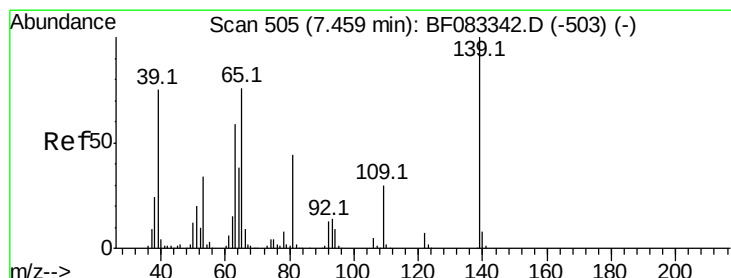
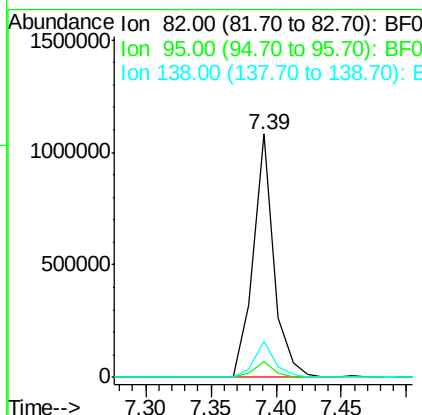
BNA_F

ClientSampleId :

SSTDCCC040EC

Manual Integrations
APPROVED

Mmdadoda
12/2/2015 6:13:02 PM



#26

2-Nitrophenol

Concen: 37.48 ng

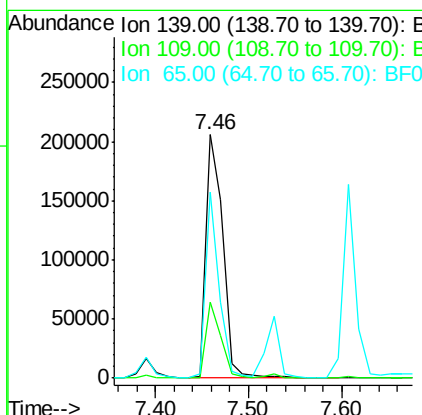
RT: 7.46 min Scan# 505

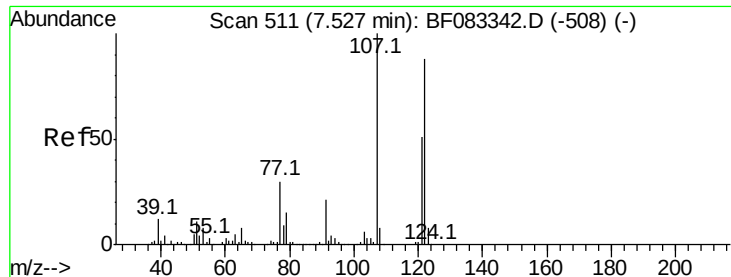
Delta R.T. -0.00 min

Lab File: BF083400.D

Acq: 2 Dec 2015 5:06

Tgt Ion:	139	Resp:	260926
Ion	Ratio	Lower	Upper
139	100		
109	31.4	24.2	36.4
65	76.6	61.0	91.6





#27

2,4-Dimethylphenol

Concen: 40.91 ng

RT: 7.53 min Scan# 511

Delta R.T. -0.00 min

Lab File: BF083400.D

Acq: 2 Dec 2015 5:06

Instrument :

BNA_F

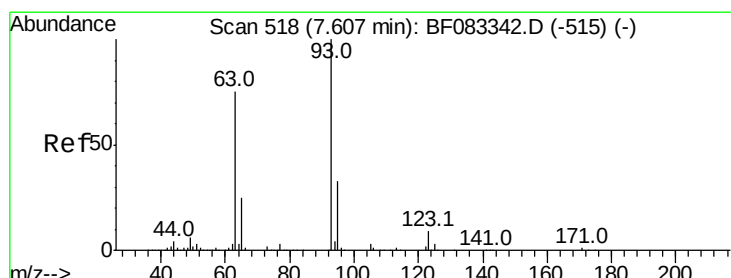
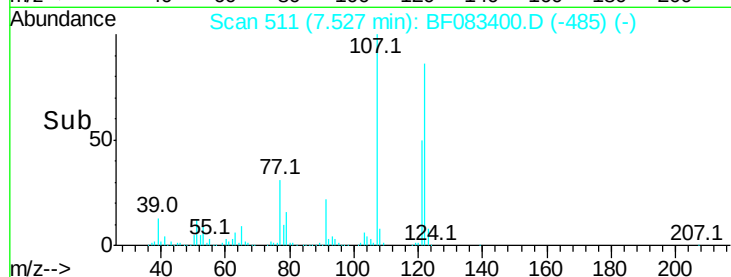
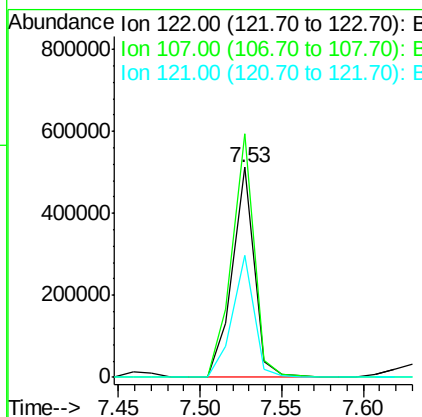
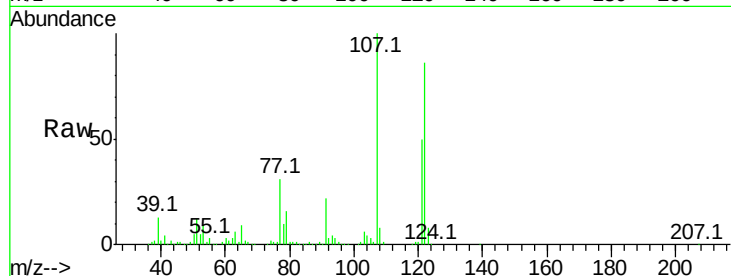
ClientSampleId :

SSTDCCC040EC

Tot Ion:	122	Resp:	477408
Ion Ratio	Lower	Upper	
122	100		
107	115.8	91.2	136.8
121	58.2	46.4	69.6

Manual Integrations
APPROVED

Mmdadoda
12/2/2015 6:13:02 PM



#28

bis(2-Chloroethoxy)methane

Concen: 36.52 ng

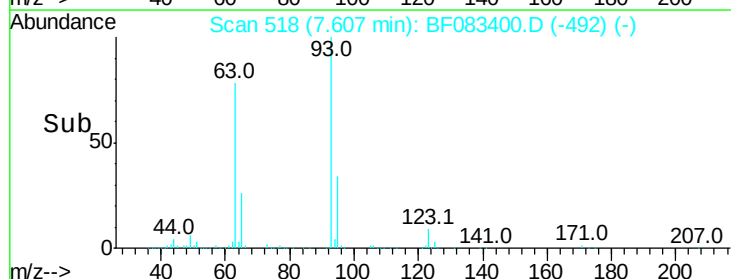
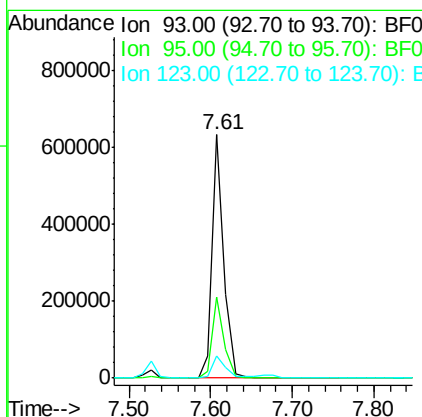
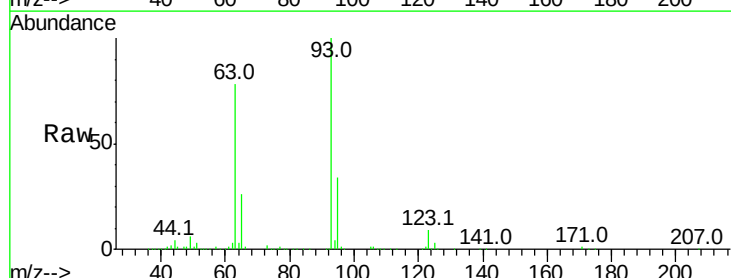
RT: 7.61 min Scan# 518

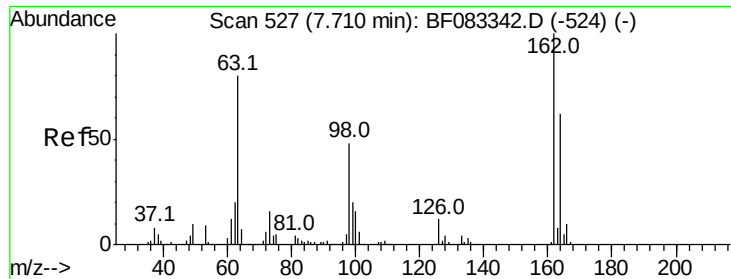
Delta R.T. -0.00 min

Lab File: BF083400.D

Acq: 2 Dec 2015 5:06

Tgt Ion:	93	Resp:	643507
Ion Ratio	Lower	Upper	
93	100		
95	33.5	26.1	39.1
123	8.9	7.4	11.0





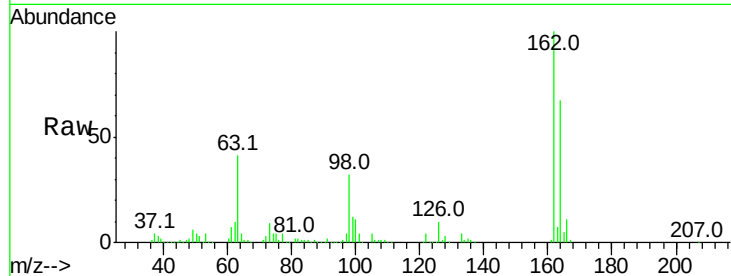
#29
 2,4-Dichlorophenol
 Concen: 37.22 ng
 RT: 7.72 min Scan# 528
 Delta R.T. 0.01 min
 Lab File: BF083400.D
 Acq: 2 Dec 2015 5:06

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

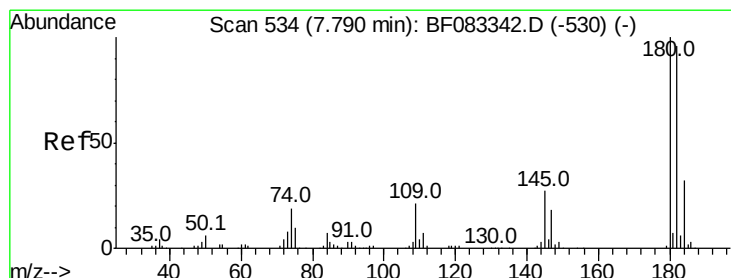
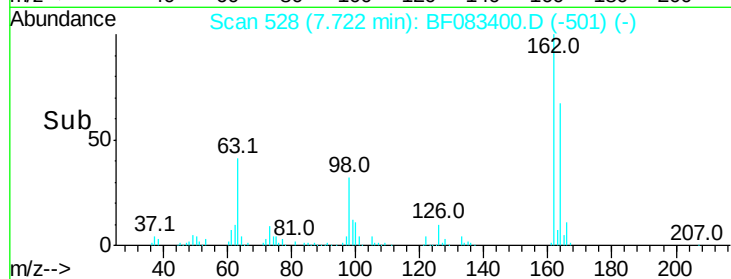
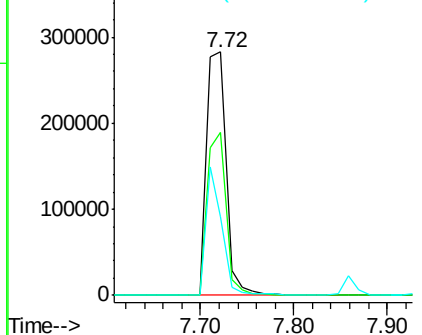
Tot Ion	Ratio	Resp	Lower	Upper
162	100	417779		
164	67.0		41.9	81.9
98	32.3		28.1	68.1

Manual Integrations
 APPROVED

Mmdadoda
 12/2/2015 6:13:02 PM



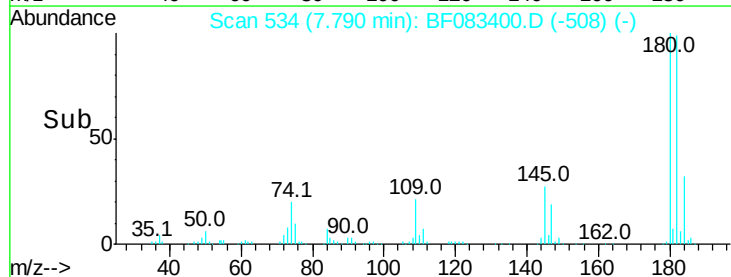
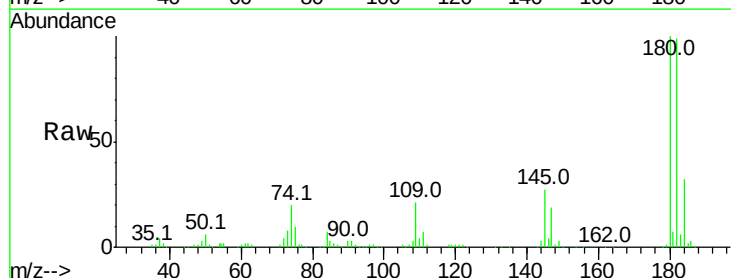
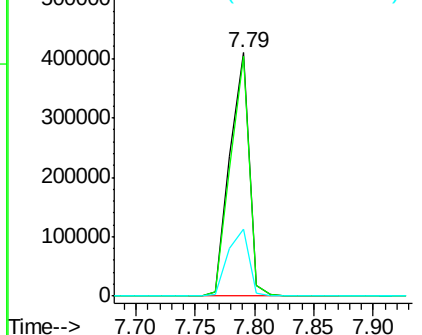
Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

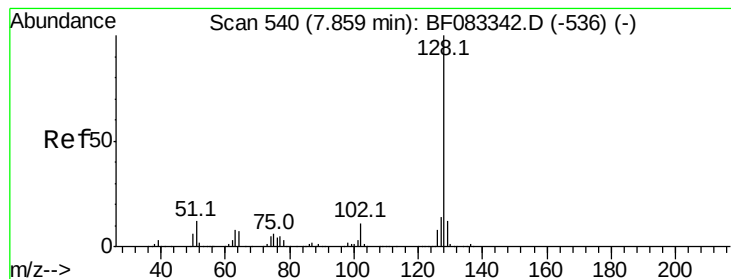


#30
 1,2,4-Trichlorobenzene
 Concen: 37.83 ng
 RT: 7.79 min Scan# 534
 Delta R.T. -0.00 min
 Lab File: BF083400.D
 Acq: 2 Dec 2015 5:06

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	462189		
182	98.5		77.2	115.8
145	27.3		21.4	32.2

Abundance Ion 180.00 (179.70 to 180.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 36.88 ng

RT: 7.86 min Scan# 540

Delta R.T. -0.00 min

Lab File: BF083400.D

Acq: 2 Dec 2015 5:06

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tot Ion:128 Resp: 1405100

Ion Ratio Lower Upper

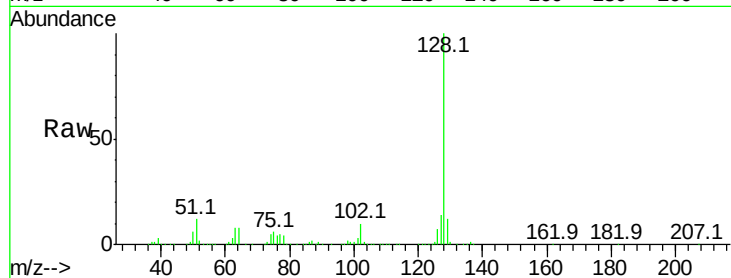
128 100

129 12.1 9.7 14.5

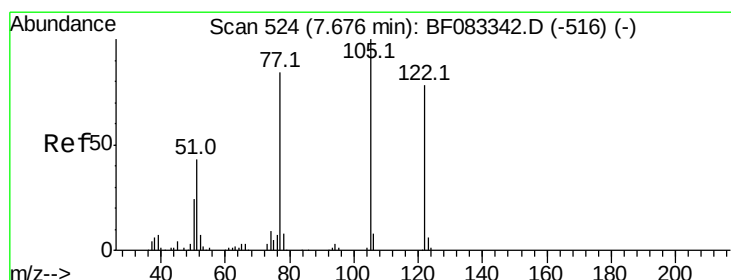
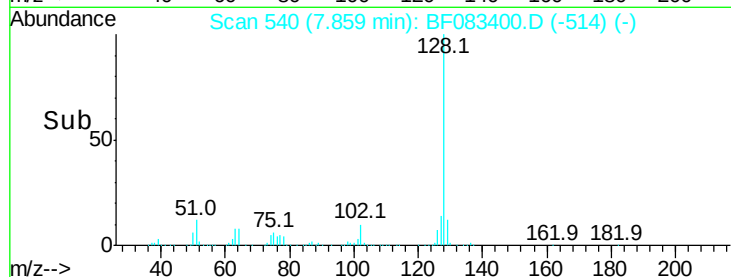
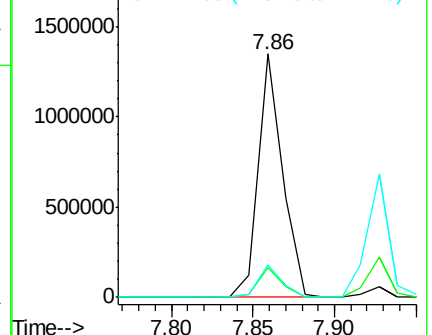
127 13.5 11.0 16.4

Manual Integrations
APPROVED

Mmdadoda
12/2/2015 6:13:02 PM



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



#32

Benzoic acid

Concen: 34.91 ng

RT: 7.68 min Scan# 524

Delta R.T. -0.00 min

Lab File: BF083400.D

Acq: 2 Dec 2015 5:06

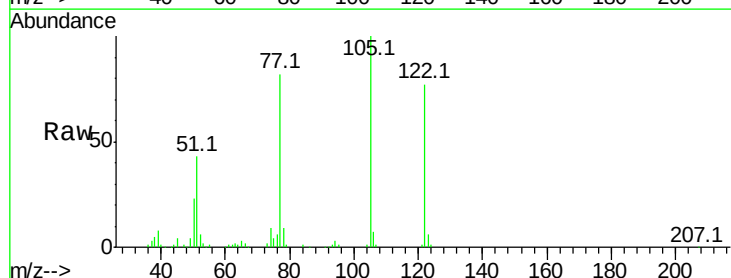
Tgt Ion:122 Resp: 281033

Ion Ratio Lower Upper

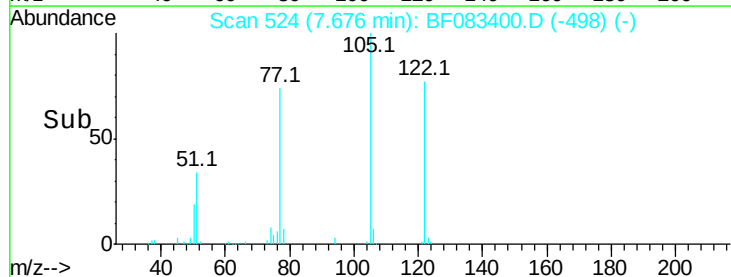
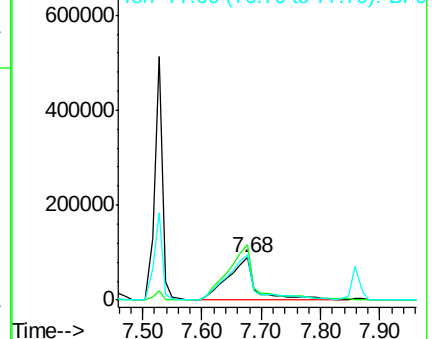
122 100

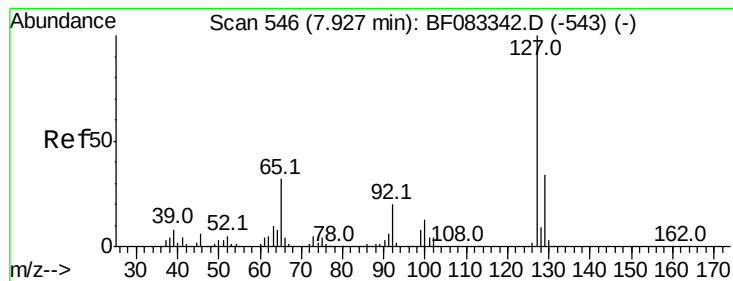
105 130.2 106.0 146.0

77 107.2 86.3 126.3



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





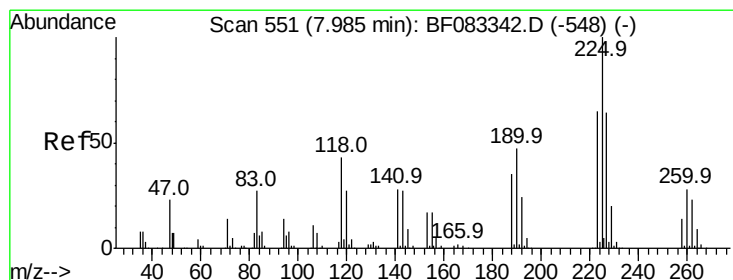
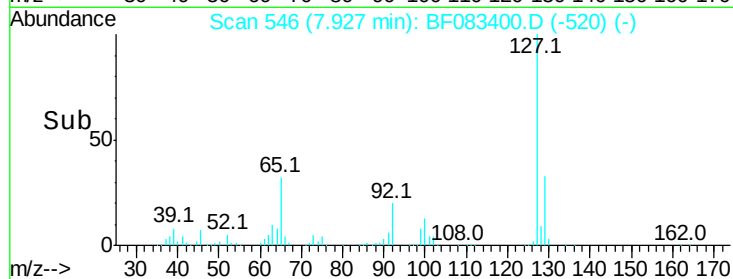
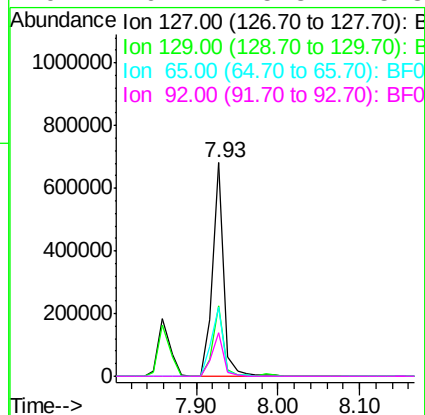
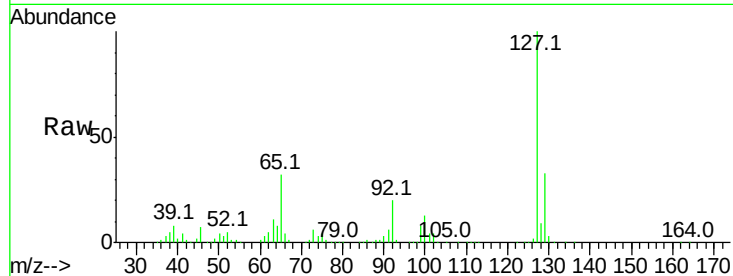
#33
4-Chloroaniline
Concen: 40.15 ng
RT: 7.93 min Scan# 546
Delta R.T. -0.00 min
Lab File: BF083400.D
Acq: 2 Dec 2015 5:06

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Resp	Lower	Upper
127	100			
129	32.7	27.0	40.4	
65	32.4	25.9	38.9	
92	20.2	15.8	23.8	

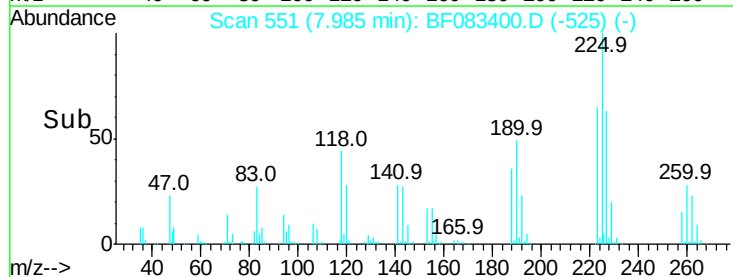
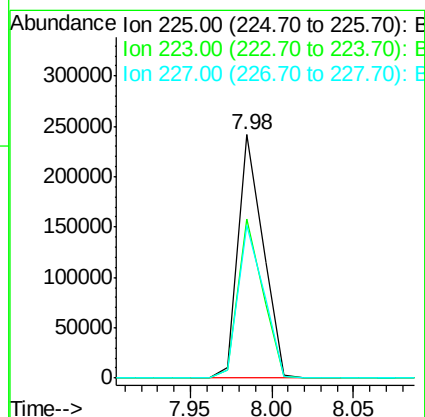
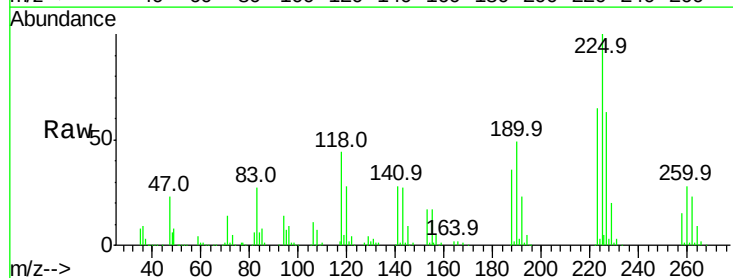
Manual Integrations
APPROVED

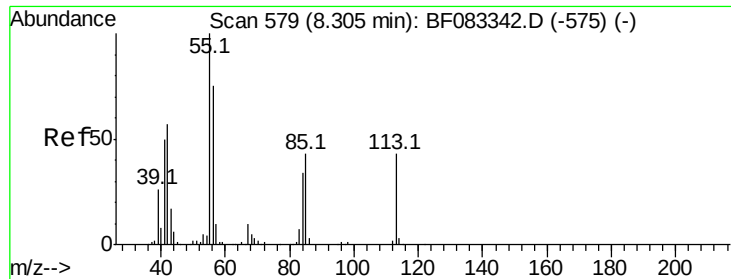
Mmdadoda
12/2/2015 6:13:02 PM



#34
Hexachlorobutadiene
Concen: 36.70 ng
RT: 7.98 min Scan# 551
Delta R.T. -0.00 min
Lab File: BF083400.D
Acq: 2 Dec 2015 5:06

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	65.3	52.0	78.0	
227	62.8	51.1	76.7	





#35

Caprolactam

Concen: 39.89 ng

RT: 8.32 min Scan# 580

Delta R.T. 0.01 min

Lab File: BF083400.D

Acq: 2 Dec 2015 5:06

Instrument :

BNA_F

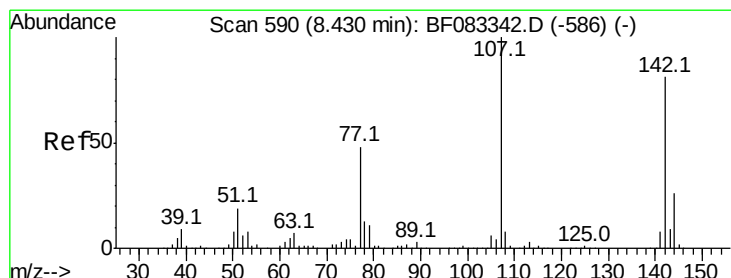
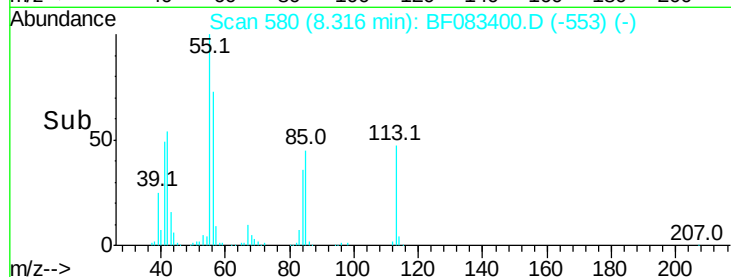
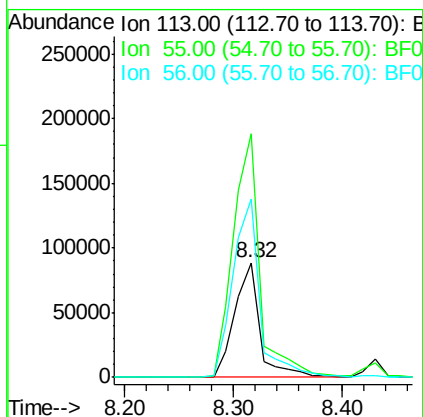
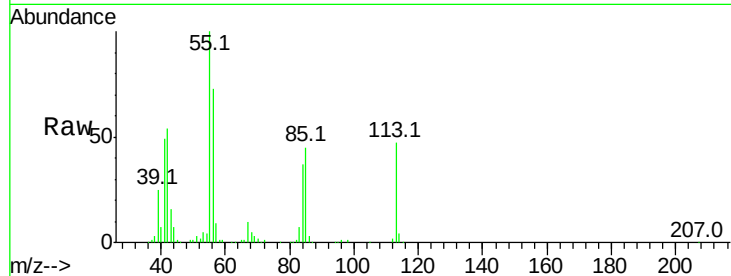
ClientSampleId :

SSTDCCC040EC

Tot Ion:	113	Resp:	141489
Ion Ratio	Lower	Upper	
113	100		
55	212.1	211.6	251.6
56	155.8	153.0	193.0

Manual Integrations
APPROVED

Mmdadoda
12/2/2015 6:13:02 PM



#36

4-Chloro-3-methylphenol

Concen: 39.72 ng

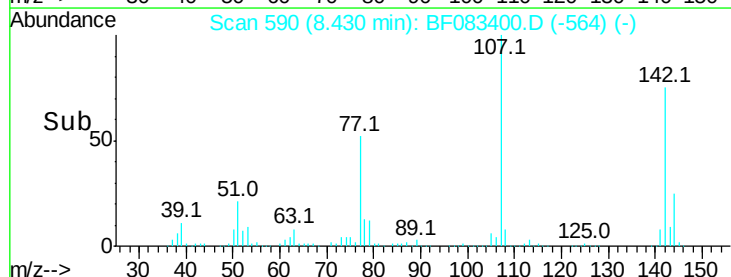
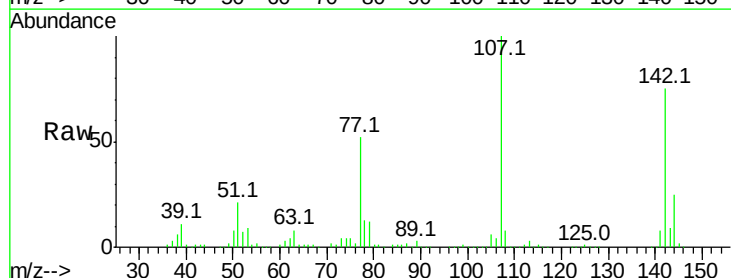
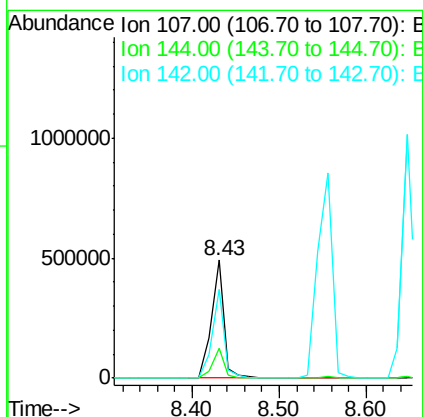
RT: 8.43 min Scan# 590

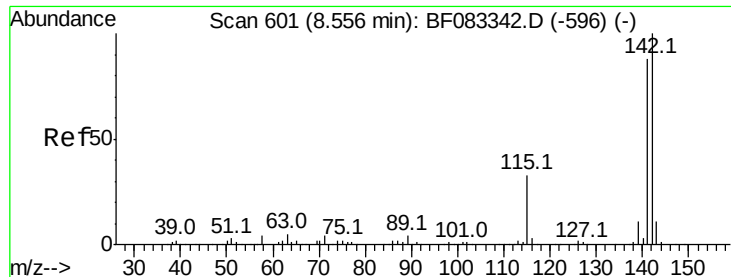
Delta R.T. -0.00 min

Lab File: BF083400.D

Acq: 2 Dec 2015 5:06

Tgt Ion:	107	Resp:	500097
Ion Ratio	Lower	Upper	
107	100		
144	25.0	21.1	31.7
142	75.2	65.1	97.7





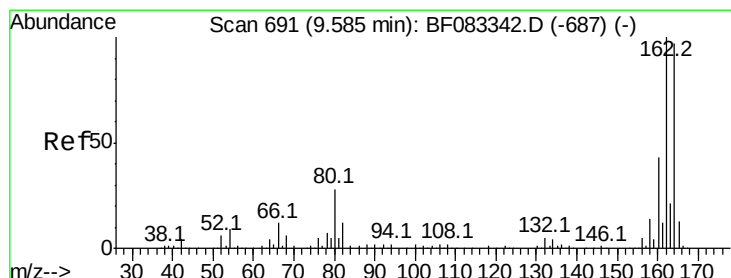
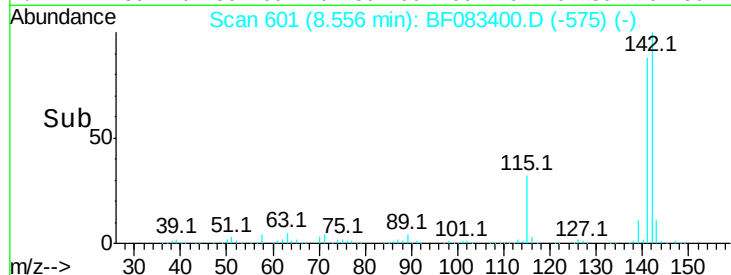
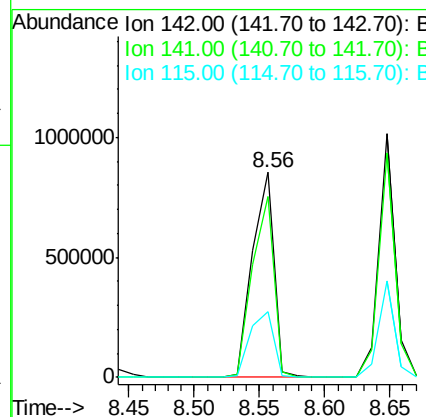
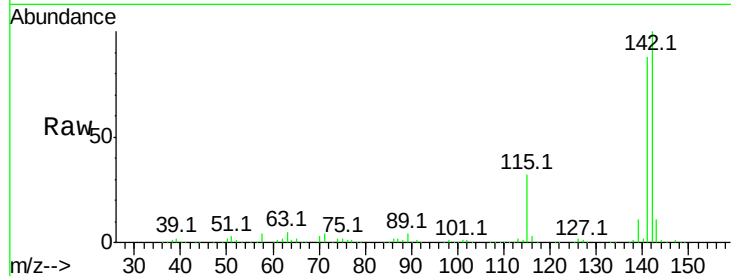
#37
2-Methylnaphthalene
Concen: 38.31 ng
RT: 8.56 min Scan# 601
Delta R.T. -0.00 min
Lab File: BF083400.D
Acq: 2 Dec 2015 5:06

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Resp	Lower	Upper
142	100	975300		
141	88.4		70.6	105.8
115	32.3		26.2	39.2

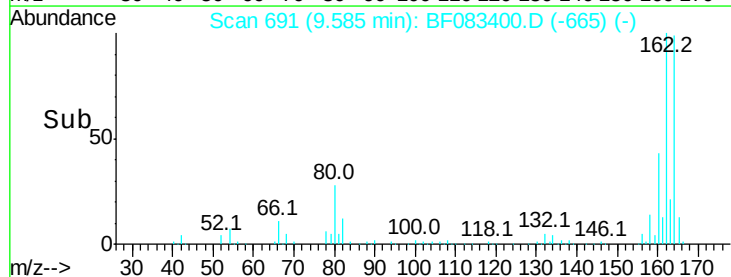
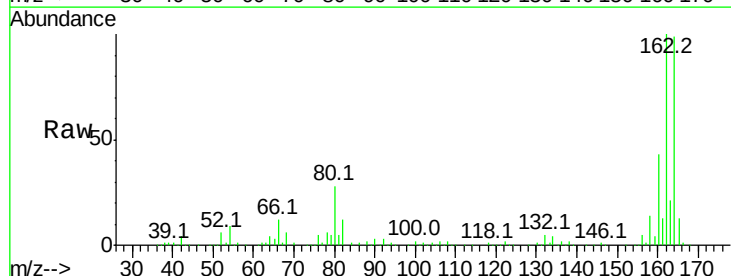
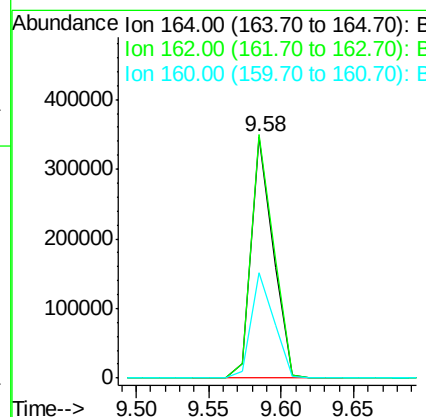
Manual Integrations
APPROVED

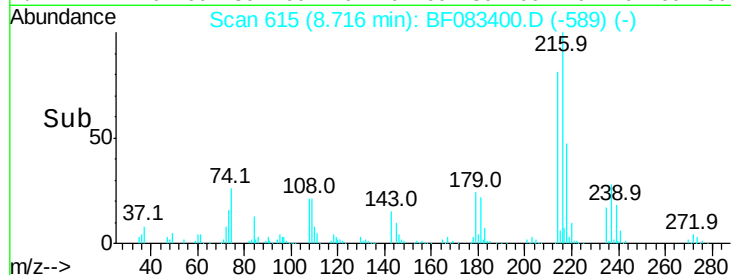
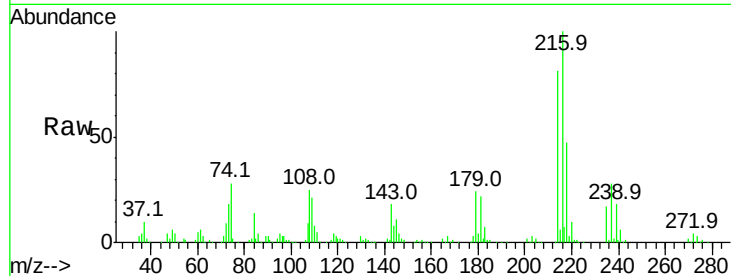
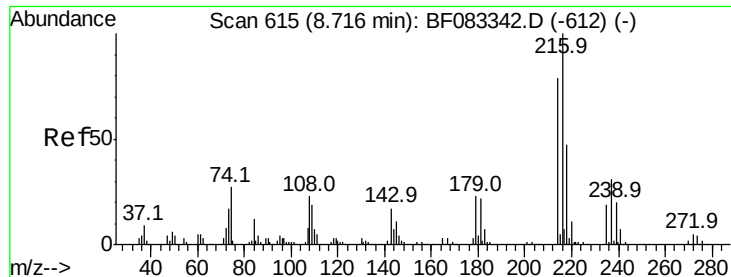
Mmdadoda
12/2/2015 6:13:02 PM



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.58 min Scan# 691
Delta R.T. -0.00 min
Lab File: BF083400.D
Acq: 2 Dec 2015 5:06

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	364485		
162	100.8		82.6	123.8
160	43.7		35.3	52.9





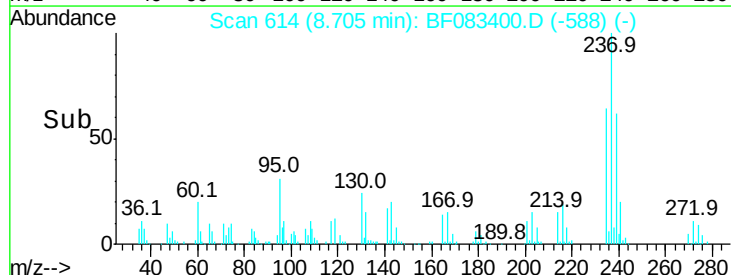
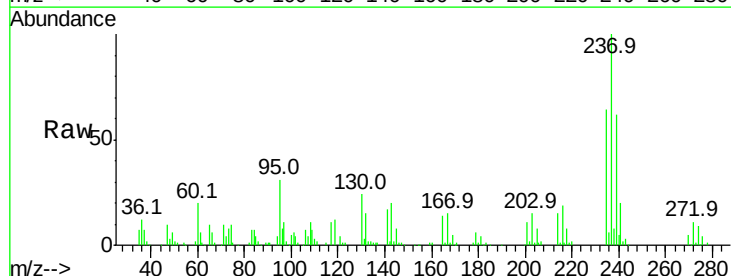
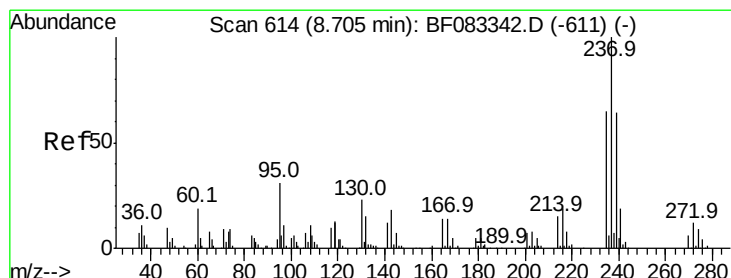
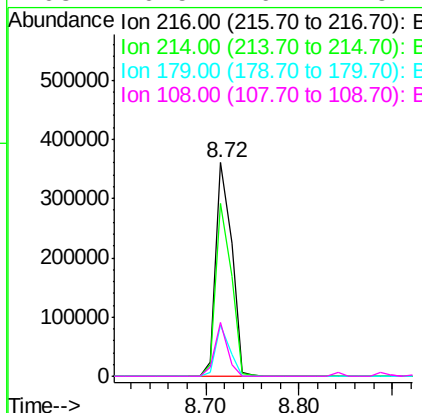
#39
1,2,4,5-Tetrachlorobenzene
Concen: 36.74 ng
RT: 8.72 min Scan# 615
Delta R.T. -0.00 min
Lab File: BF083400.D
Acq: 2 Dec 2015 5:06

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Manual Integrations
APPROVED

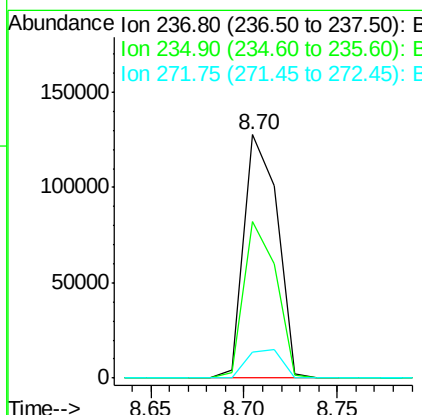
Mmdadoda
12/2/2015 6:13:02 PM

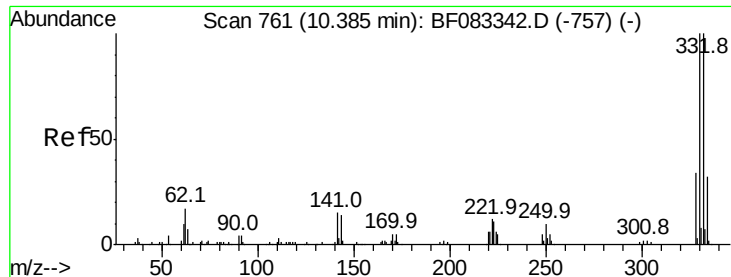
Tot Ion:	216	Resp:	424438
Ion Ratio	Lower	Upper	
216	100		
214	78.7	62.3	93.5
179	21.5	17.0	25.4
108	20.5	16.7	25.1



#40
Hexachlorocyclopentadiene
Concen: 29.39 ng
RT: 8.70 min Scan# 614
Delta R.T. 0.00 min
Lab File: BF083400.D
Acq: 2 Dec 2015 5:06

Tgt Ion:	237	Resp:	161301
Ion Ratio	Lower	Upper	
237	100		
235	64.2	44.5	84.5
272	10.9	0.0	31.6





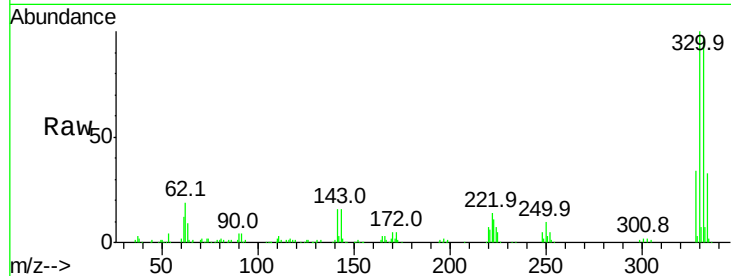
#41
 2,4,6-Tribromophenol
 Concen: 75.63 ng
 RT: 10.38 min Scan# 761
 Delta R.T. -0.00 min
 Lab File: BF083400.D
 Acq: 2 Dec 2015 5:06

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

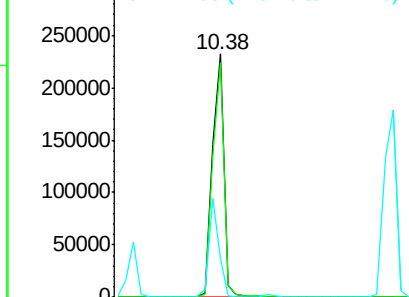
Tot Ion	Ratio	Resp	Lower	Upper
330	100	276706		
332	95.2	77.8	116.6	
141	35.2	29.4	44.0	

Manual Integrations
 APPROVED

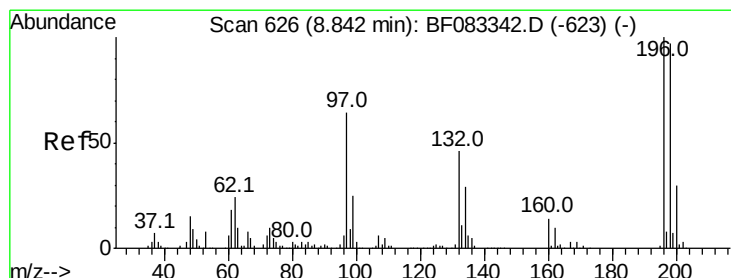
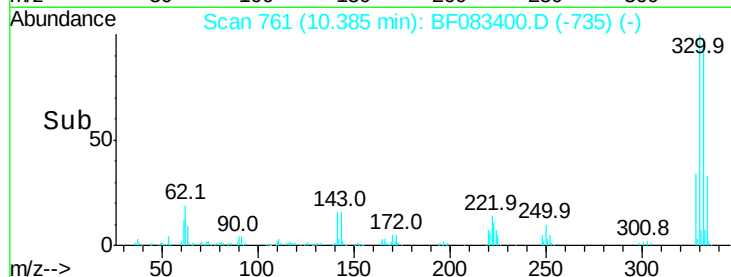
Mmdadoda
 12/2/2015 6:13:02 PM



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



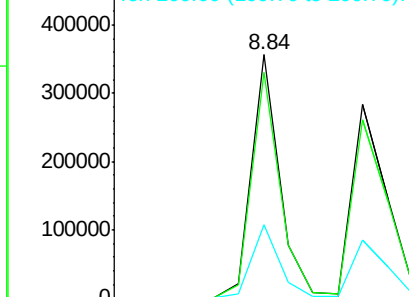
Time-->



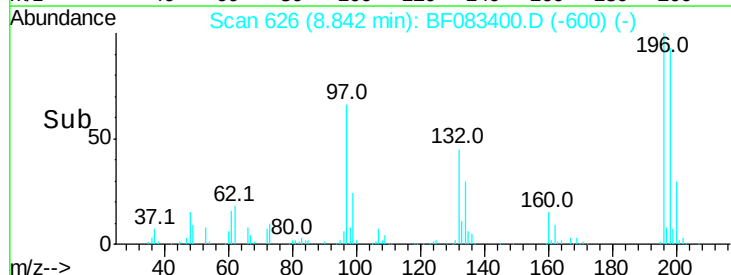
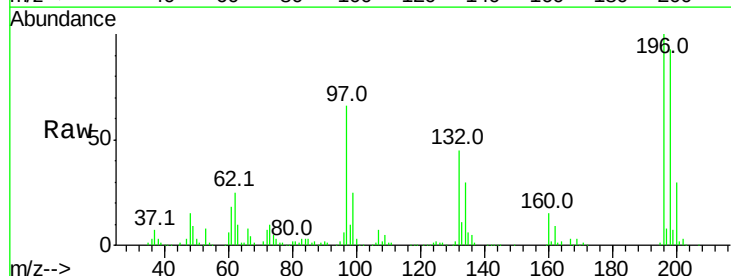
#42
 2,4,6-Trichlorophenol
 Concen: 39.68 ng
 RT: 8.84 min Scan# 626
 Delta R.T. -0.00 min
 Lab File: BF083400.D
 Acq: 2 Dec 2015 5:06

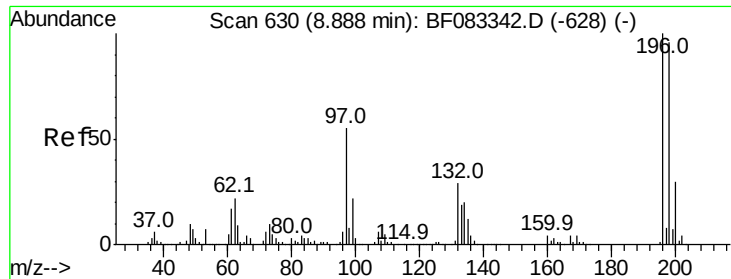
Tgt Ion	Ratio	Resp	Lower	Upper
196	100	321611		
198	92.8	77.2	115.8	
200	29.9	24.2	36.4	

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



Time-->





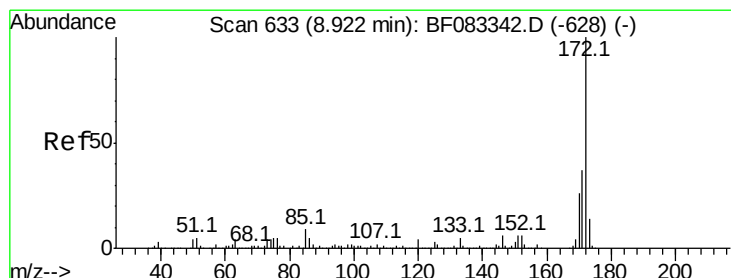
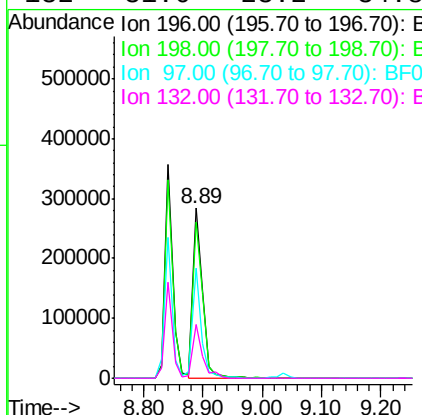
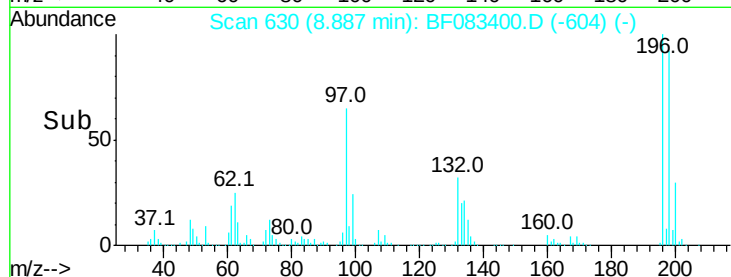
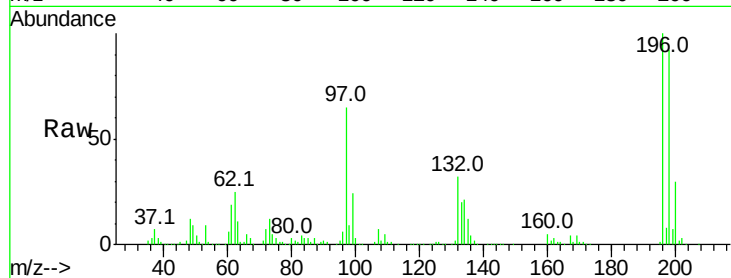
#43
 2,4,5-Trichlorophenol
 Concen: 38.49 ng
 RT: 8.89 min Scan# 630
 Delta R.T. -0.00 min
 Lab File: BF083400.D
 Acq: 2 Dec 2015 5:06

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Manual Integrations
 APPROVED

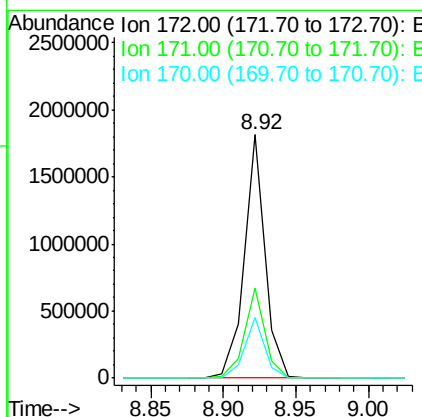
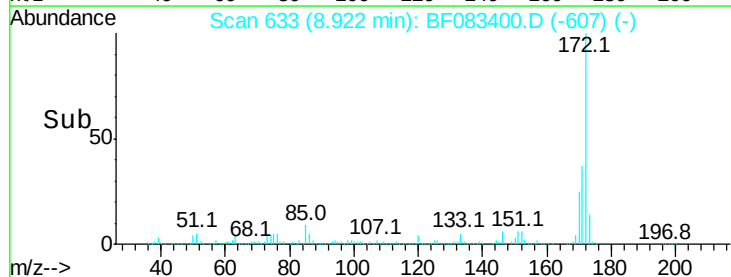
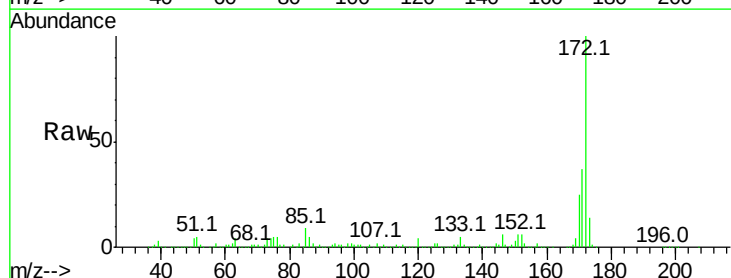
Mmdadoda
 12/2/2015 6:13:02 PM

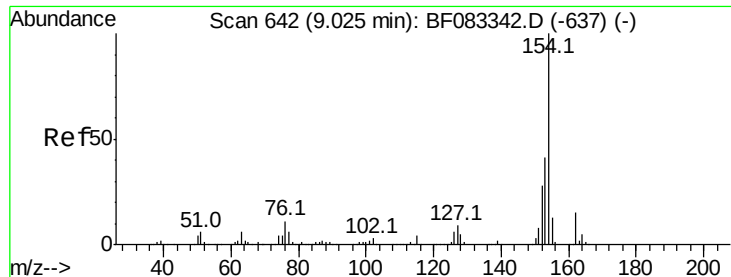
Tot Ion:	196	Resp:	323216
Ion Ratio	Lower	Upper	
196	100		
198	92.0	77.2	115.8
97	64.7	44.4	66.6
132	31.6	23.2	34.8



#44
 2-Fluorobiphenyl
 Concen: 70.47 ng
 RT: 8.92 min Scan# 633
 Delta R.T. -0.00 min
 Lab File: BF083400.D
 Acq: 2 Dec 2015 5:06

Tgt Ion:	172	Resp:	1802465
Ion Ratio	Lower	Upper	
172	100		
171	36.8	29.4	44.0
170	24.8	20.4	30.6





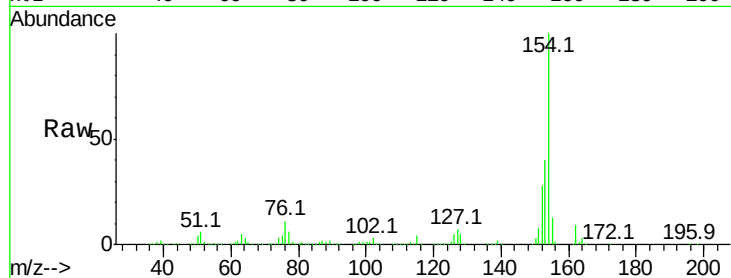
#45
1,1'-Biphenyl
Concen: 38.01 ng
RT: 9.02 min Scan# 642
Delta R.T. -0.00 min
Lab File: BF083400.D
Acq: 2 Dec 2015 5:06

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
154	100		
153	40.4	20.6	60.6
76	10.8	0.0	30.5

Manual Integrations
APPROVED

Mmdadoda
12/2/2015 6:13:02 PM

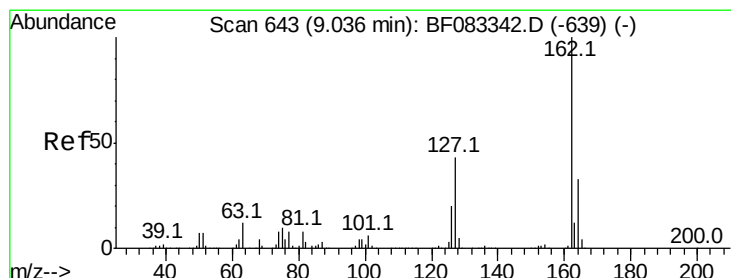
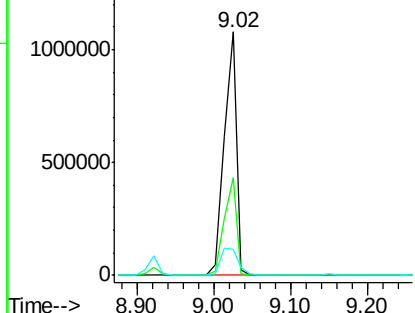
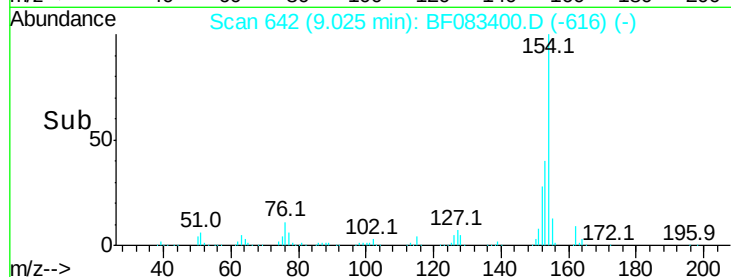


Abundance

Ion 154.00 (153.70 to 154.70): E

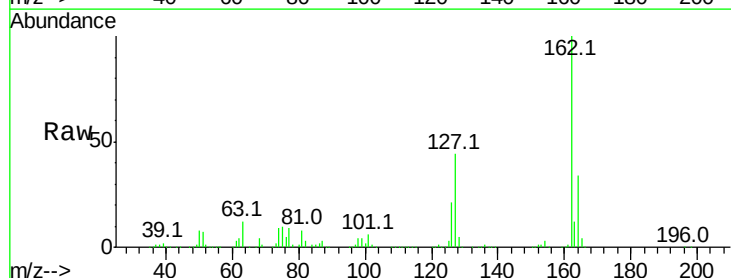
Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0



#46
2-Chloronaphthalene
Concen: 35.98 ng
RT: 9.04 min Scan# 643
Delta R.T. -0.00 min
Lab File: BF083400.D
Acq: 2 Dec 2015 5:06

Tgt Ion	Ratio	Lower	Upper
162	100		
127	43.5	34.1	51.1
164	33.9	26.6	39.8

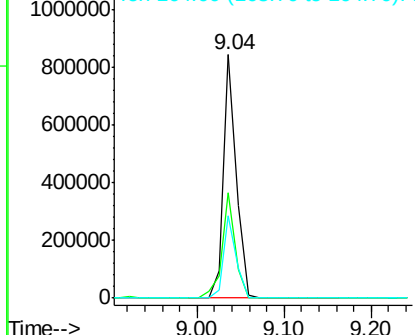
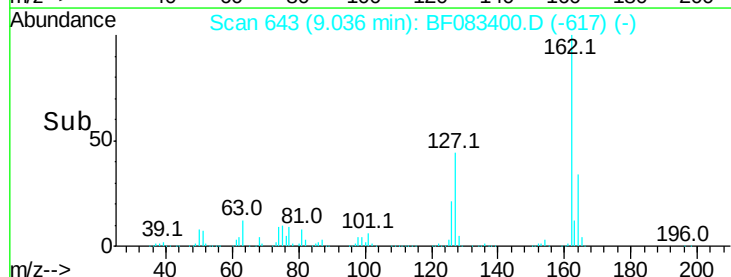


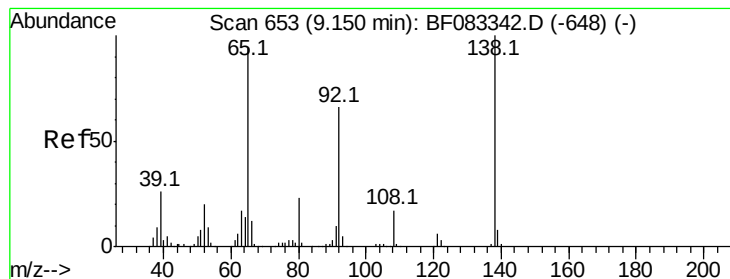
Abundance

Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 41.53 ng

RT: 9.15 min Scan# 653

Delta R.T. -0.00 min

Lab File: BF083400.D

Acq: 2 Dec 2015 5:06

Instrument :

BNA_F

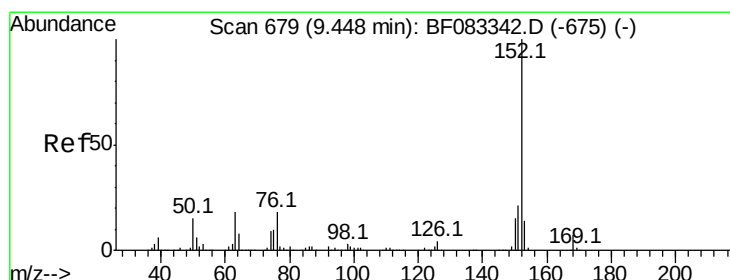
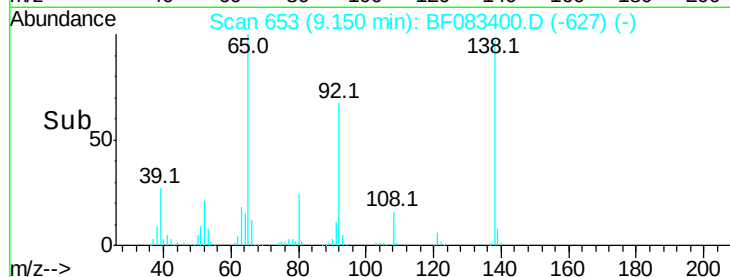
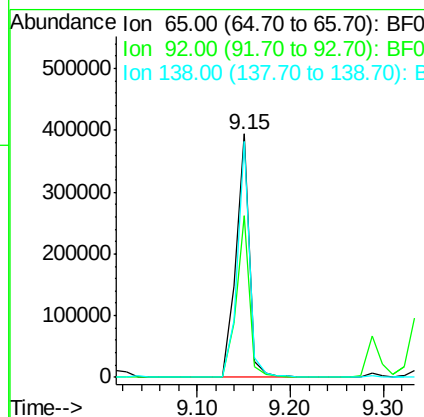
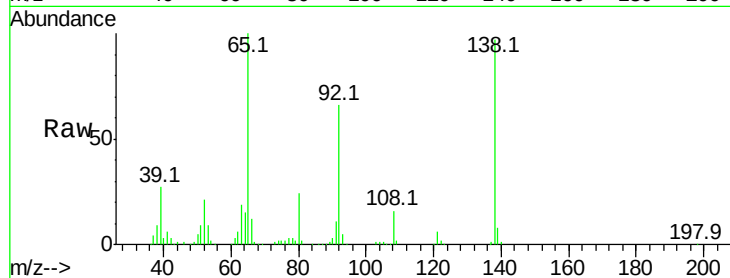
ClientSampleId :

SSTDCCC040EC

Tot Ion:	65	Resp:	400618
Ion Ratio	Lower	Upper	
65	100		
92	66.5	56.2	84.4
138	97.0	85.4	128.0

Manual Integrations
APPROVED

Mmdadoda
12/2/2015 6:13:02 PM



#48

Acenaphthylene

Concen: 36.31 ng

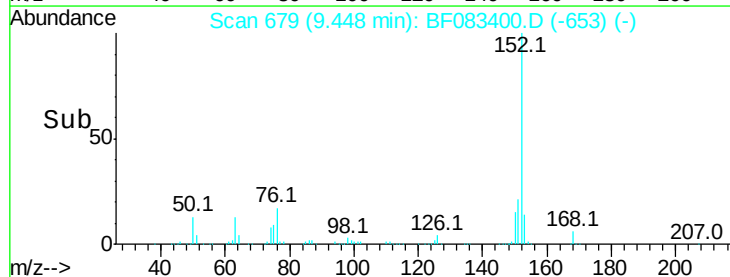
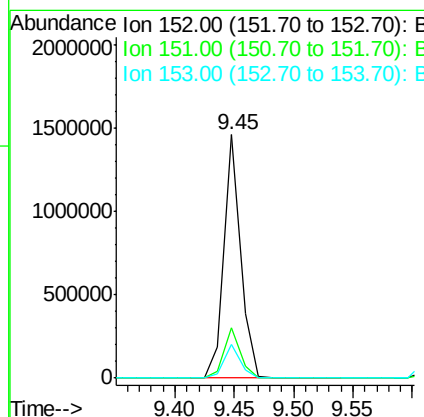
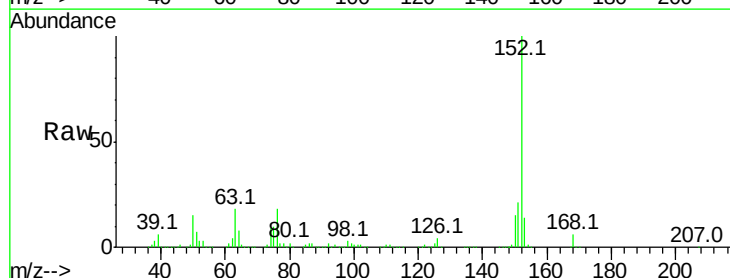
RT: 9.45 min Scan# 679

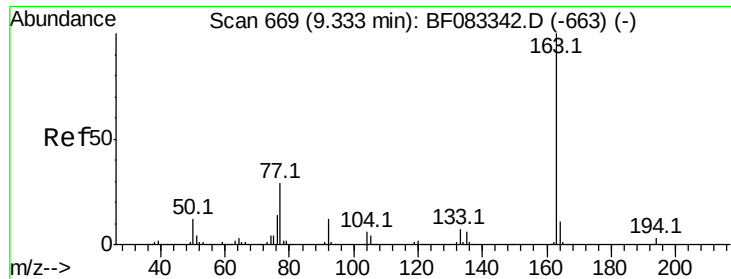
Delta R.T. -0.00 min

Lab File: BF083400.D

Acq: 2 Dec 2015 5:06

Tgt Ion:	152	Resp:	1410704
Ion Ratio	Lower	Upper	
152	100		
151	20.9	16.7	25.1
153	14.0	11.2	16.8





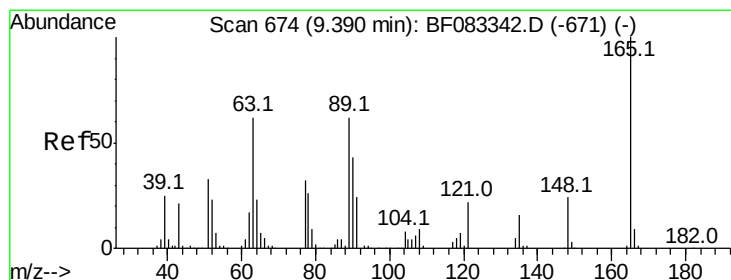
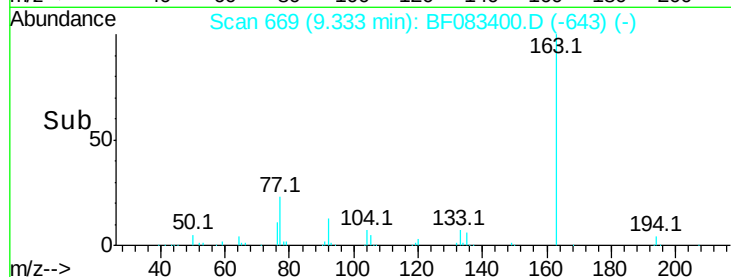
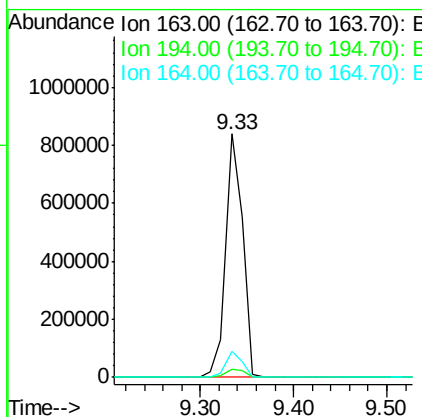
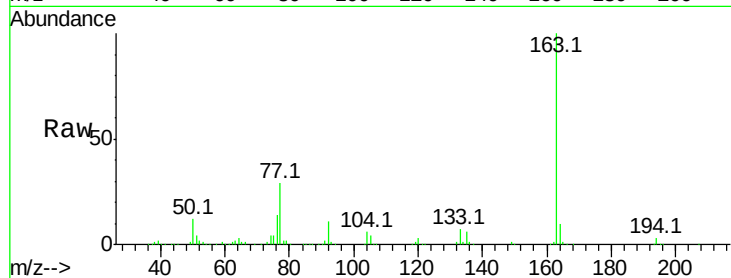
#49
Dimethylphthalate
Concen: 36.01 ng
RT: 9.33 min Scan# 669
Delta R.T. -0.00 min
Lab File: BF083400.D
Acq: 2 Dec 2015 5:06

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion:163 Resp: 1066766
Ion Ratio Lower Upper
163 100
194 3.3 2.7 4.1
164 10.4 8.8 13.2

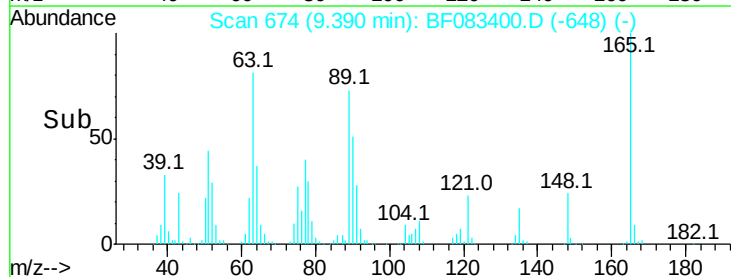
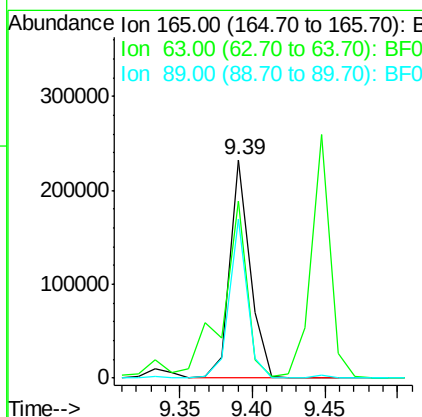
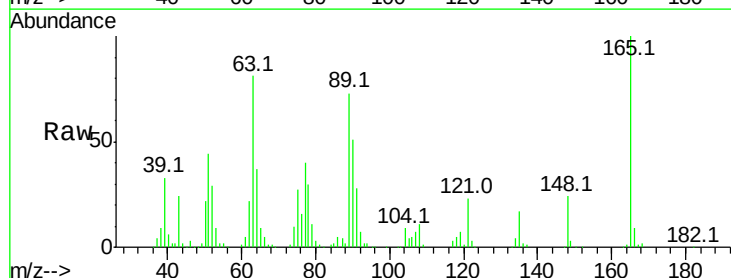
Manual Integrations
APPROVED

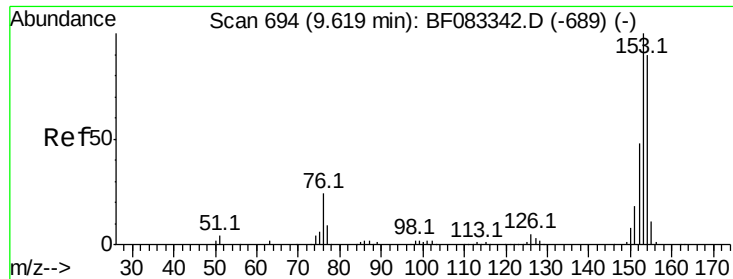
Mmdadoda
12/2/2015 6:13:02 PM



#50
2,6-Dinitrotoluene
Concen: 35.87 ng
RT: 9.39 min Scan# 674
Delta R.T. -0.00 min
Lab File: BF083400.D
Acq: 2 Dec 2015 5:06

Tgt Ion:165 Resp: 226903
Ion Ratio Lower Upper
165 100
63 81.1 56.0 84.0
89 72.9 49.8 74.8





#51

Acenaphthene

Concen: 35.39 ng

RT: 9.62 min Scan# 694

Delta R.T. -0.00 min

Lab File: BF083400.D

Acq: 2 Dec 2015 5:06

Instrument :

BNA_F

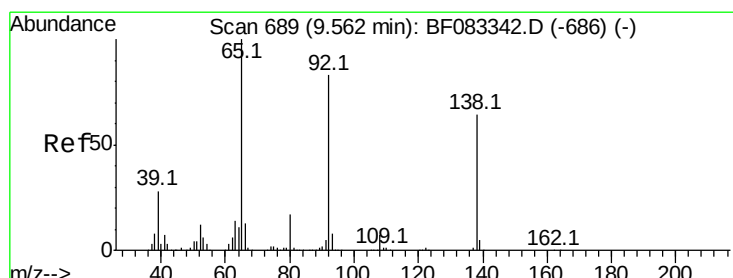
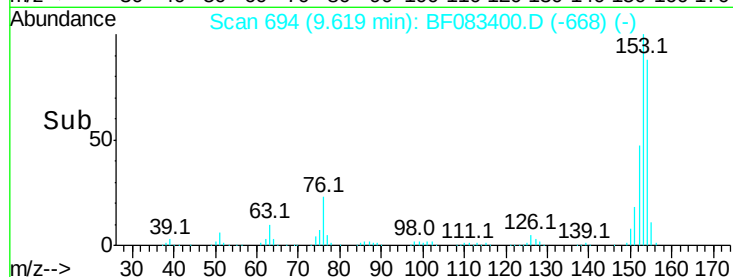
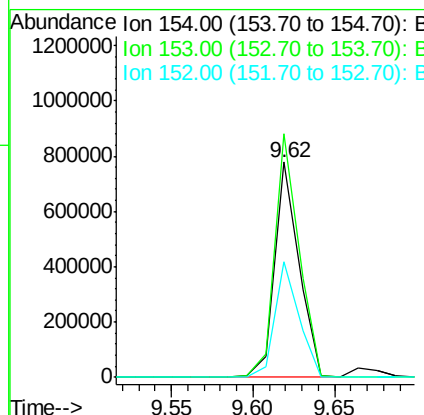
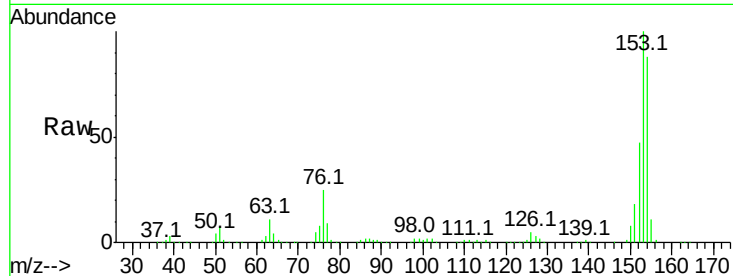
ClientSampleId :

SSTDCCC040EC

Tot Ion:	154	Resp:	808710
Ion Ratio	Lower	Upper	
154	100		
153	113.3	89.3	133.9
152	53.7	42.5	63.7

Manual Integrations
APPROVED

Mmdadoda
12/2/2015 6:13:02 PM



#52

3-Nitroaniline

Concen: 36.81 ng

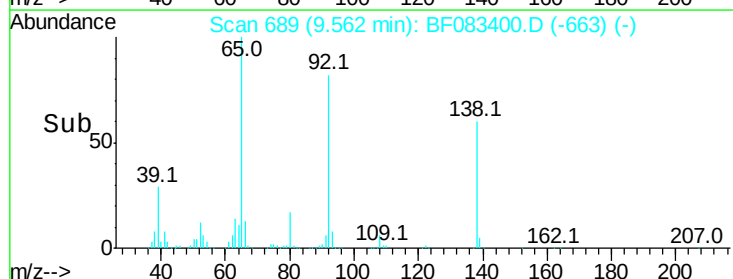
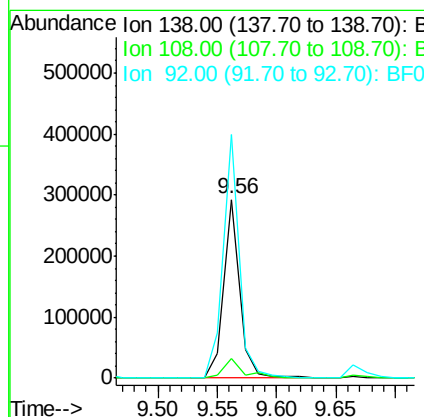
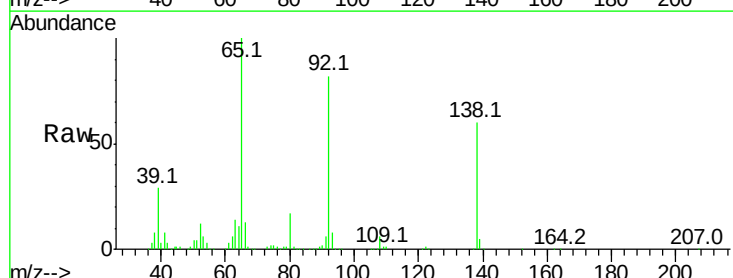
RT: 9.56 min Scan# 689

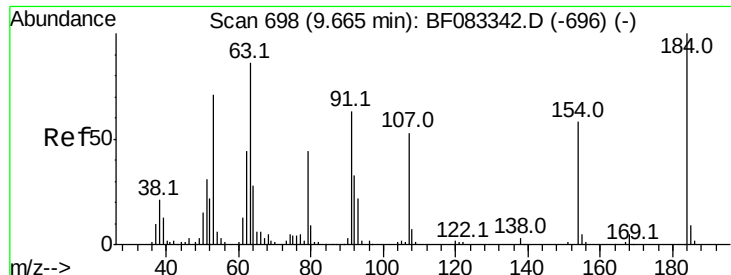
Delta R.T. -0.00 min

Lab File: BF083400.D

Acq: 2 Dec 2015 5:06

Tgt Ion:	138	Resp:	272950
Ion Ratio	Lower	Upper	
138	100		
108	10.6	8.4	12.6
92	136.2	104.2	156.4





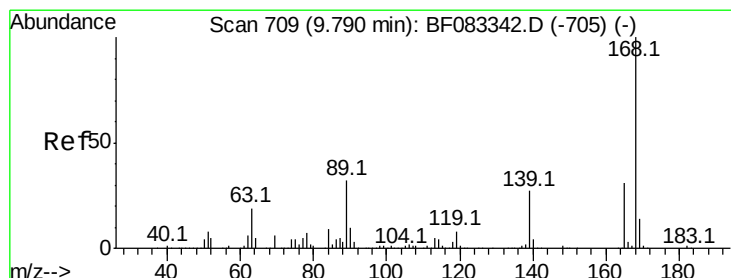
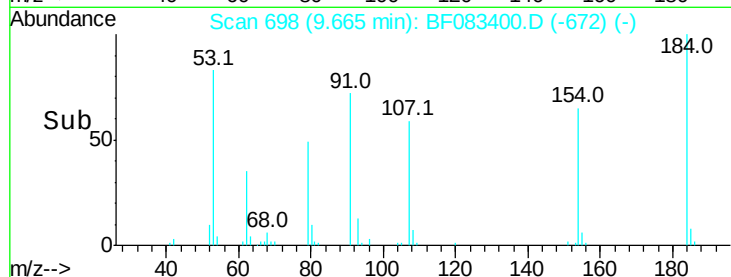
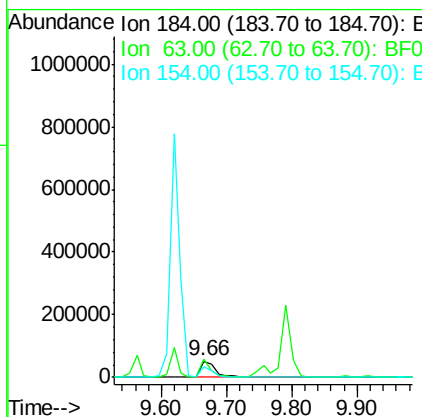
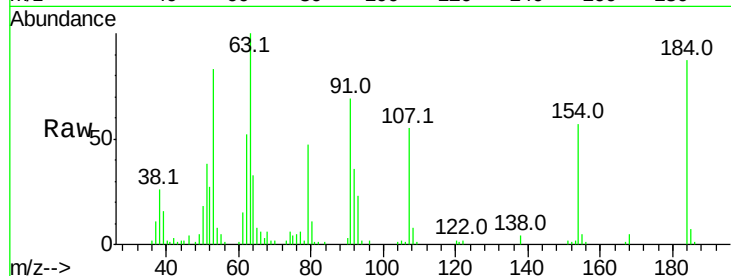
#53
 2,4-Dinitrophenol
 Concen: 27.44 ng
 RT: 9.66 min Scan# 698
 Delta R.T. 0.00 min
 Lab File: BF083400.D
 Acq: 2 Dec 2015 5:06

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tot Ion	Ratio	Resp	Lower	Upper
184	100			
63	115.4	69.0	103.6#	
154	65.8	50.0	75.0	

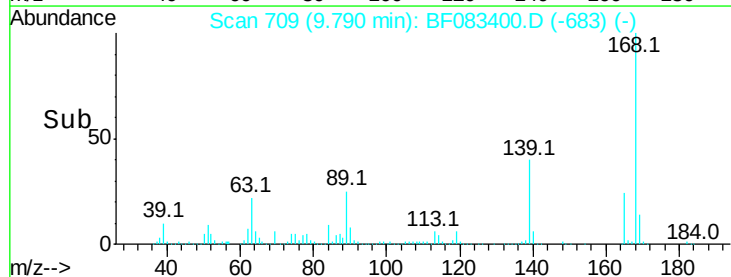
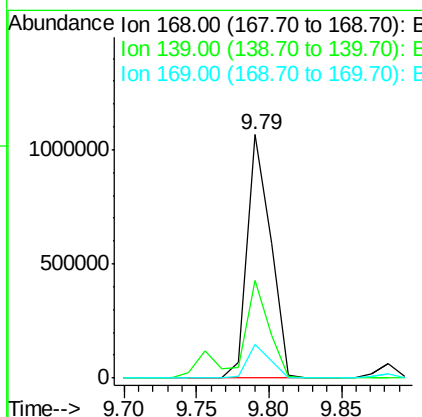
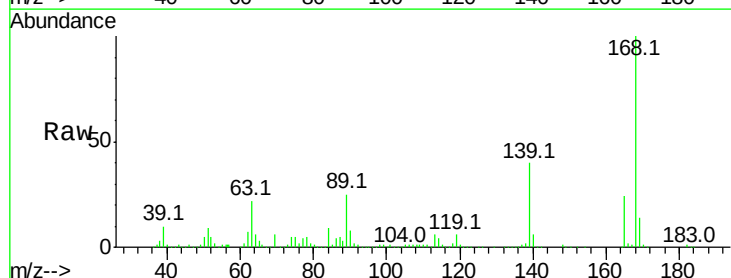
Manual Integrations
 APPROVED

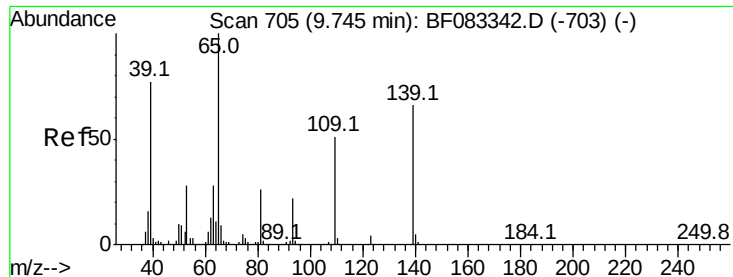
Mmdadoda
 12/2/2015 6:13:02 PM



#54
 Dibenzofuran
 Concen: 35.72 ng
 RT: 9.79 min Scan# 709
 Delta R.T. -0.00 min
 Lab File: BF083400.D
 Acq: 2 Dec 2015 5:06

Tgt Ion	Ratio	Resp	Lower	Upper
168	100			
139	40.2	32.7	49.1	
169	13.8	11.1	16.7	





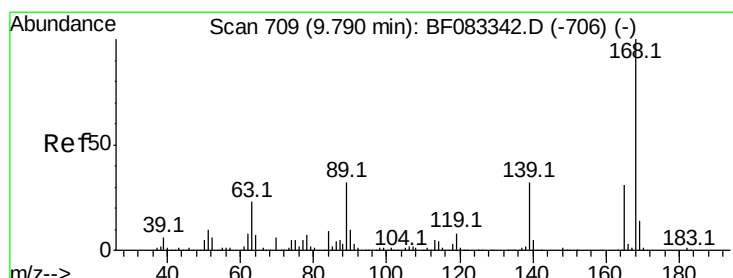
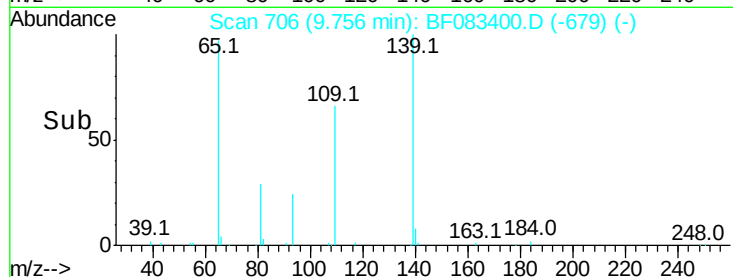
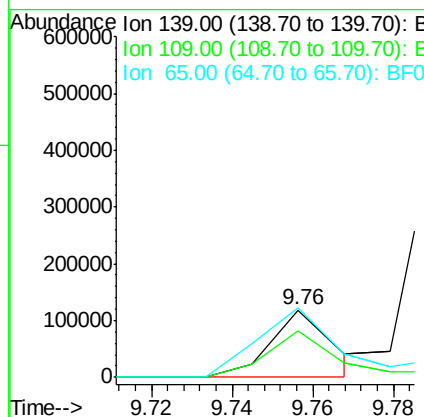
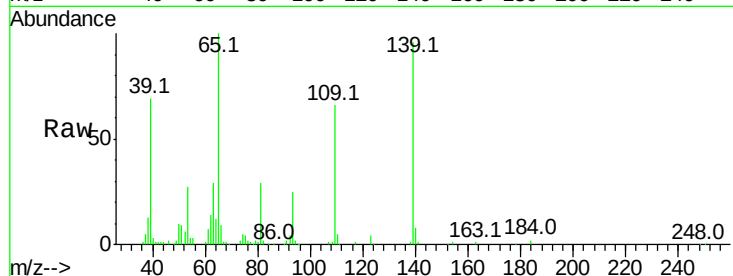
#55
4-Nitrophenol
Concen: 27.36 ng/mL
RT: 9.76 min Scan# 706
Delta R.T. 0.01 min
Lab File: BF083400.D
Acq: 2 Dec 2015 5:06

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Resp	Lower	Upper
139	100			
109	68.7	57.4	97.4	
65	104.2	131.6	171.6	

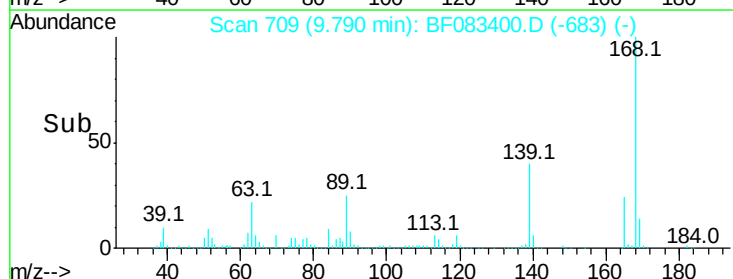
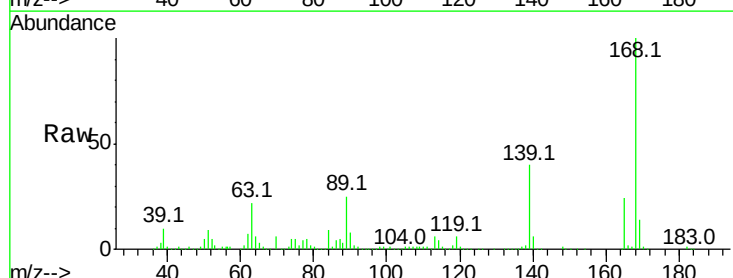
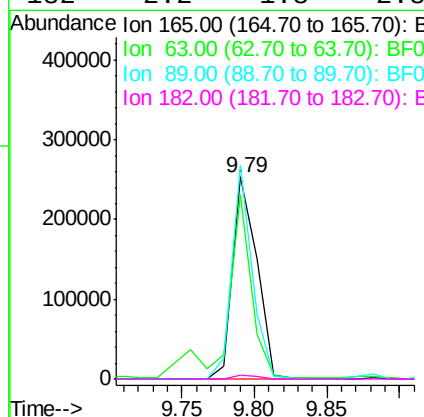
Manual Integrations
APPROVED

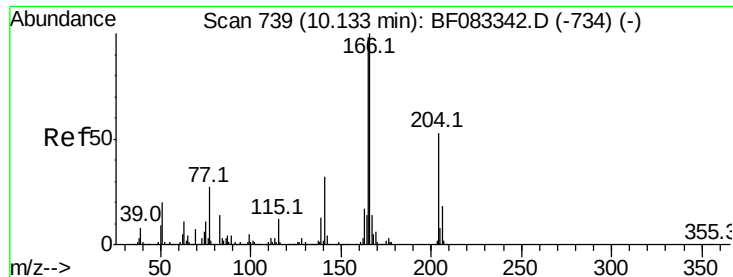
Mmdadoda
12/2/2015 6:13:02 PM



#56
2,4-Dinitrotoluene
Concen: 36.60 ng/mL
RT: 9.79 min Scan# 709
Delta R.T. -0.00 min
Lab File: BF083400.D
Acq: 2 Dec 2015 5:06

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	91.3	65.4	98.0	
89	105.8	81.2	121.8	
182	2.2	1.8	2.8	





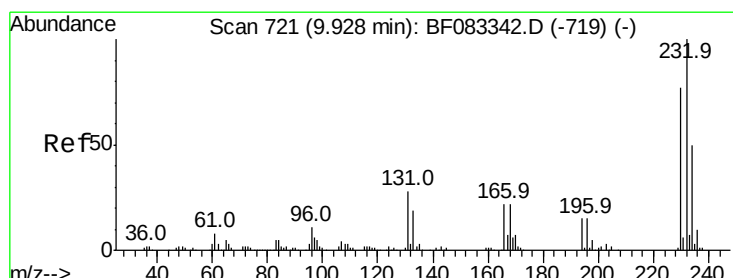
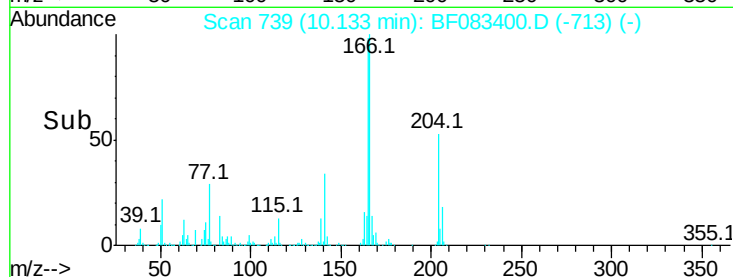
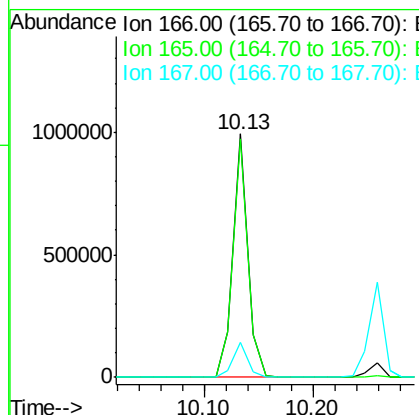
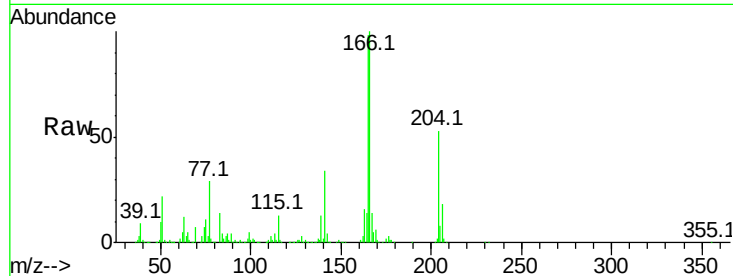
#57
Fluorene
Concen: 35.57 ng
RT: 10.13 min Scan# 739
Delta R.T. -0.00 min
Lab File: BF083400.D
Acq: 2 Dec 2015 5:06

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Resp	Lower	Upper
166	100			
165	98.2	78.3	117.5	
167	14.2	11.1	16.7	

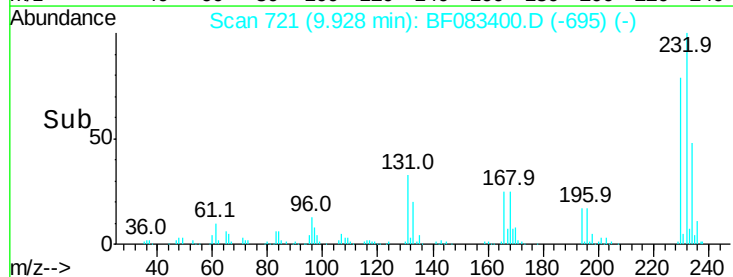
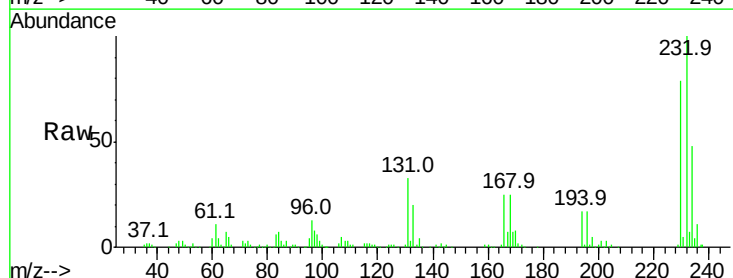
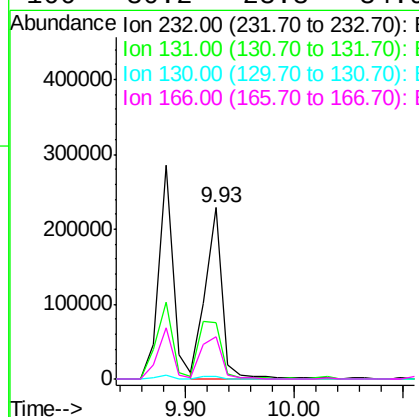
Manual Integrations
APPROVED

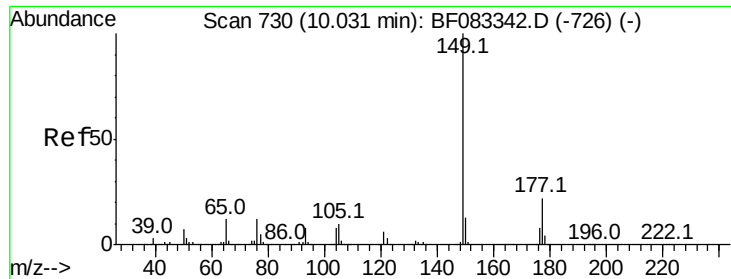
Mmdadoda
12/2/2015 6:13:02 PM



#58
2,3,4,6-Tetrachlorophenol
Concen: 36.54 ng
RT: 9.93 min Scan# 721
Delta R.T. -0.00 min
Lab File: BF083400.D
Acq: 2 Dec 2015 5:06

Tgt Ion	Ratio	Resp	Lower	Upper
232	100			
131	46.1	35.4	53.2	
130	1.9	1.7	2.5	
166	30.2	23.3	34.9	





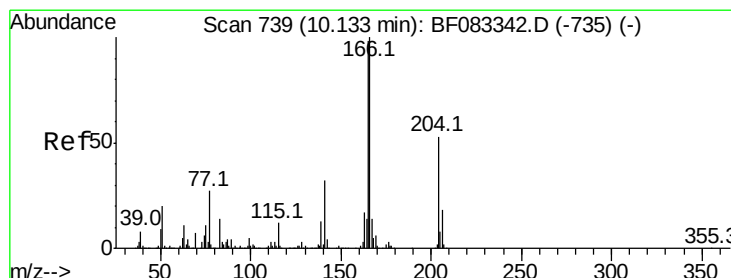
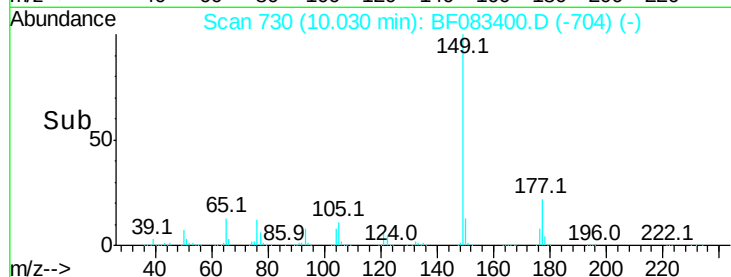
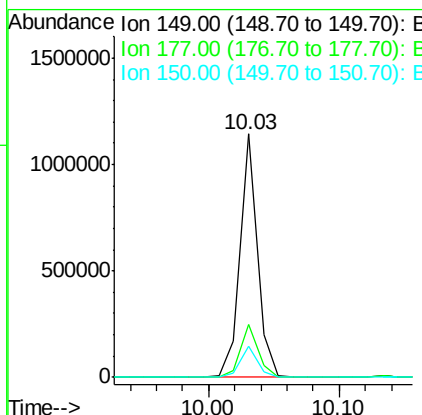
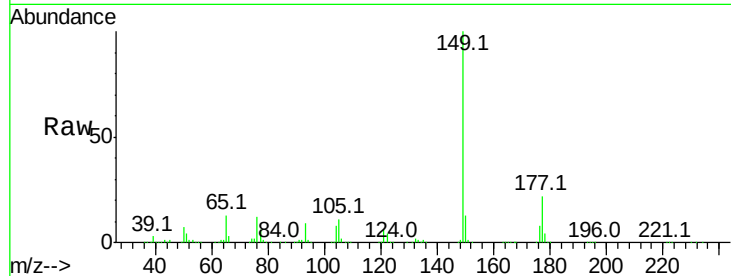
#59
Diethylphthalate
Concen: 37.35 ng
RT: 10.03 min Scan# 730
Delta R.T. -0.00 min
Lab File: BF083400.D
Acq: 2 Dec 2015 5:06

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
149	100		
177	21.7	17.4	26.2
150	12.6	10.4	15.6

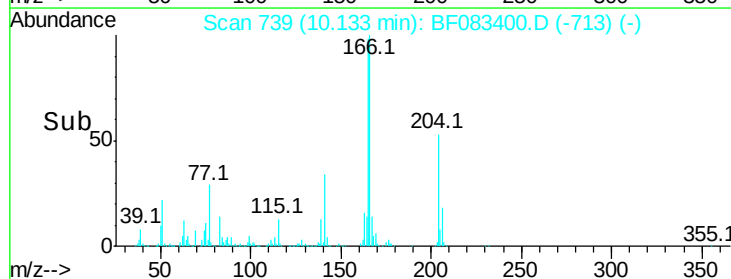
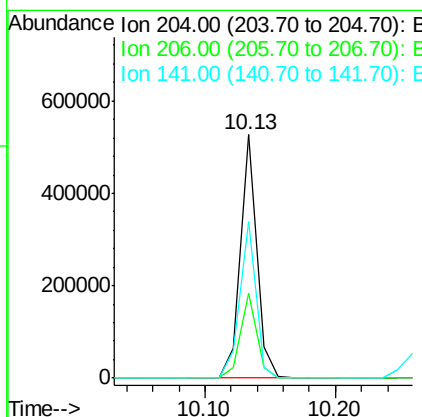
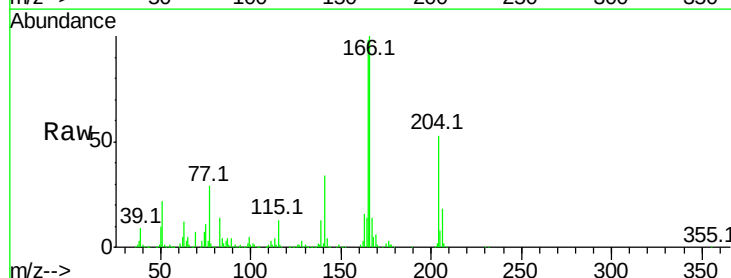
Manual Integrations
APPROVED

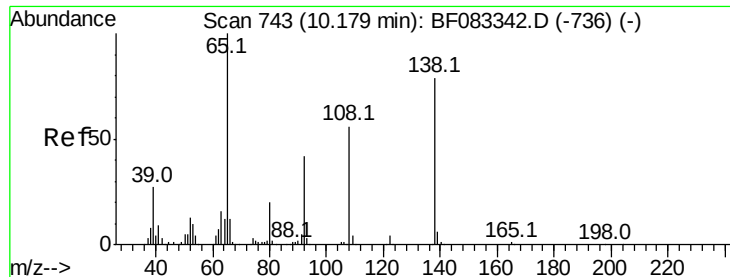
Mmdadoda
12/2/2015 6:13:02 PM



#60
4-Chlorophenyl-phenylether
Concen: 37.49 ng
RT: 10.13 min Scan# 739
Delta R.T. -0.00 min
Lab File: BF083400.D
Acq: 2 Dec 2015 5:06

Tgt Ion	Ratio	Lower	Upper
204	100		
206	34.8	27.5	41.3
141	64.1	48.1	72.1





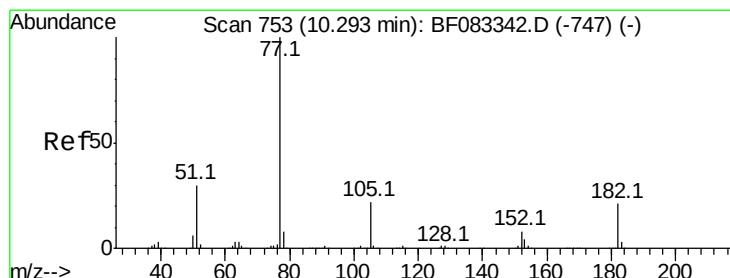
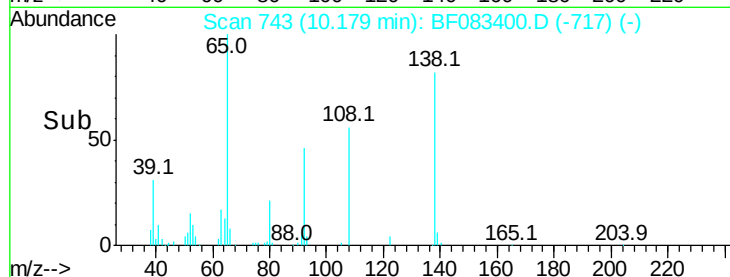
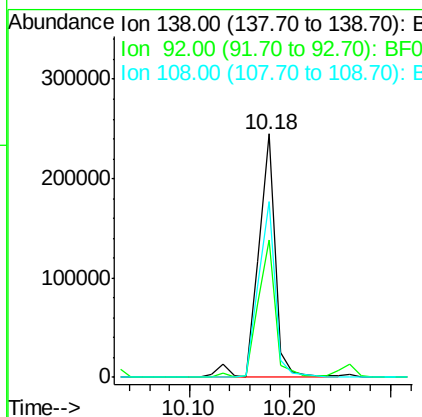
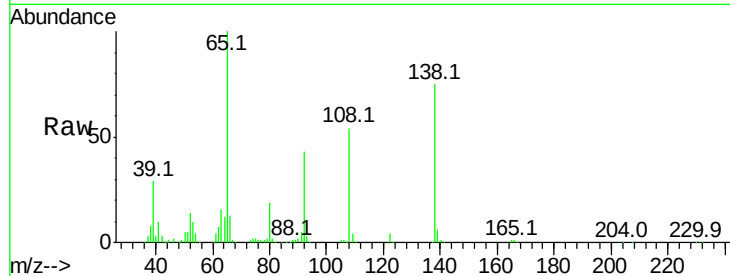
#61
4-Nitroaniline
Concen: 38.73 ng
RT: 10.18 min Scan# 743
Delta R.T. -0.00 min
Lab File: BF083400.D
Acq: 2 Dec 2015 5:06

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Resp	Lower	Upper
138	100	287311		
92	56.4	33.6	73.6	
108	72.2	51.0	91.0	

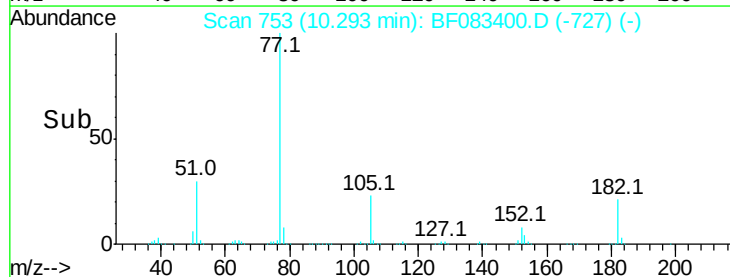
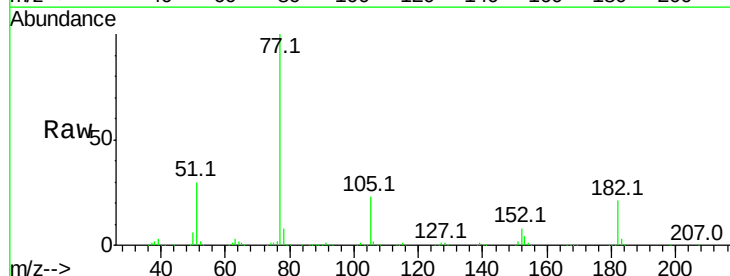
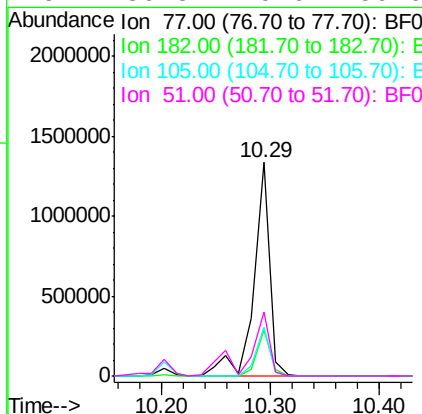
Manual Integrations
APPROVED

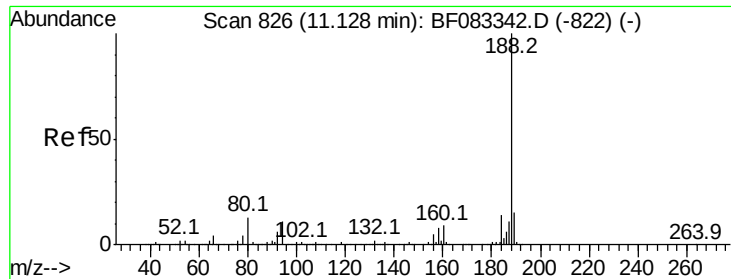
Mmdadoda
12/2/2015 6:13:02 PM



#62
Azobenzene
Concen: 39.95 ng
RT: 10.29 min Scan# 753
Delta R.T. -0.00 min
Lab File: BF083400.D
Acq: 2 Dec 2015 5:06

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	1362473		
182	21.5	0.8	40.8	
105	22.7	2.3	42.3	
51	30.3	10.6	50.6	





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.13 min Scan# 826

Delta R.T. -0.00 min

Lab File: BF083400.D

Acq: 2 Dec 2015 5:06

Instrument :

BNA_F

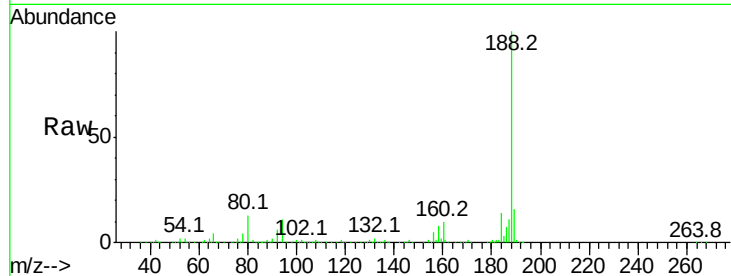
ClientSampleId :

SSTDCCC040EC

Tot Ion:188	Resp:	695140
Ion Ratio	Lower	Upper
188 100		
94 11.1	8.7	13.1
80 12.8	10.3	15.5

Manual Integrations
APPROVED

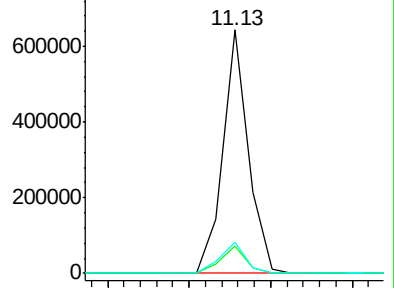
Mmdadoda
12/2/2015 6:13:02 PM



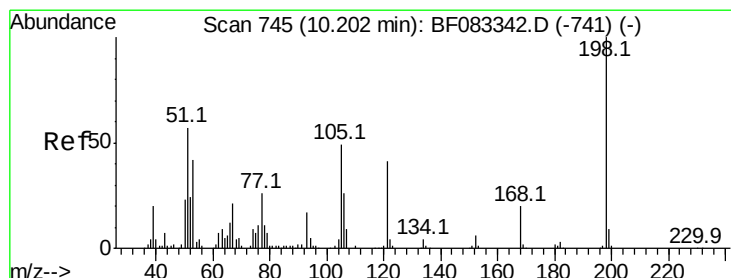
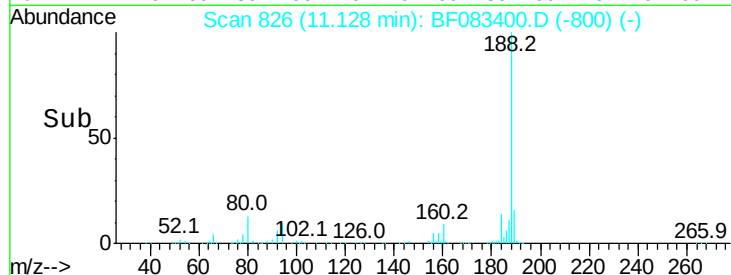
Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



Time-->



#64

4,6-Dinitro-2-methylphenol

Concen: 31.68 ng

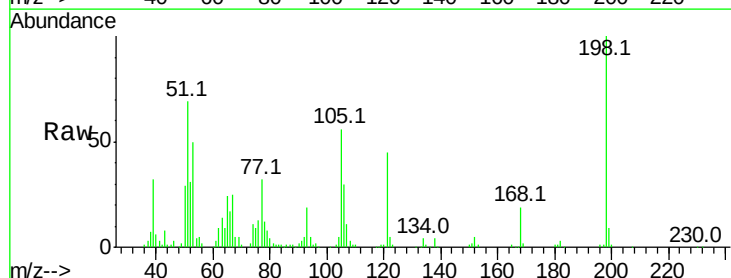
RT: 10.20 min Scan# 745

Delta R.T. -0.00 min

Lab File: BF083400.D

Acq: 2 Dec 2015 5:06

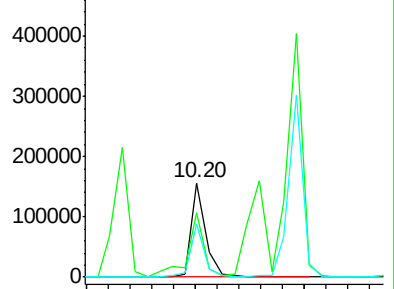
Tgt Ion:198	Resp:	147853
Ion Ratio	Lower	Upper
198 100		
51 68.8	38.3	78.3
105 55.7	29.2	69.2



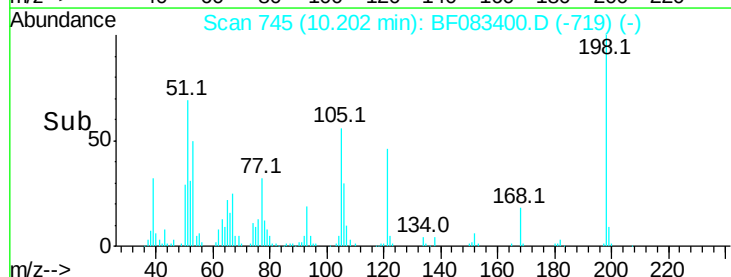
Abundance Ion 198.00 (197.70 to 198.70): E

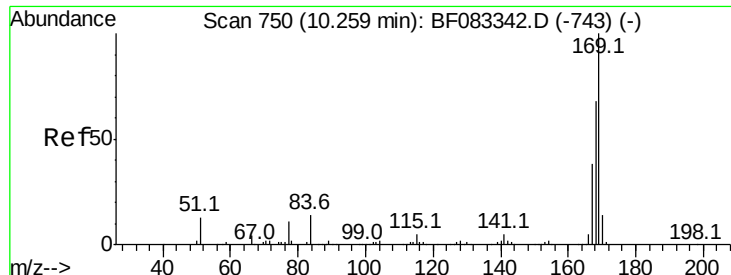
Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E



Time-->





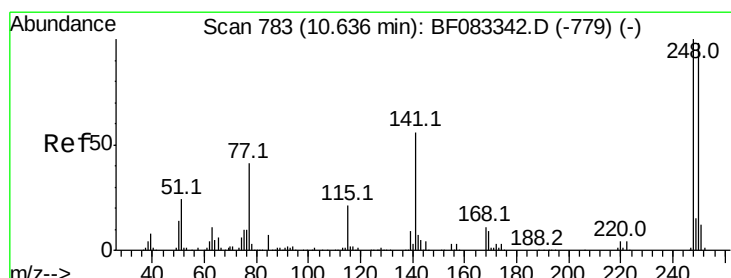
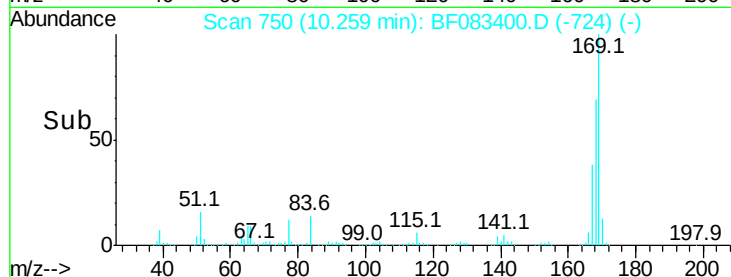
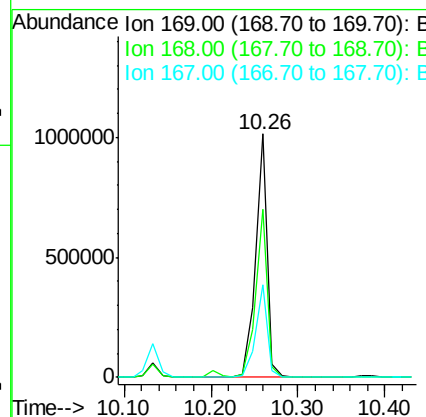
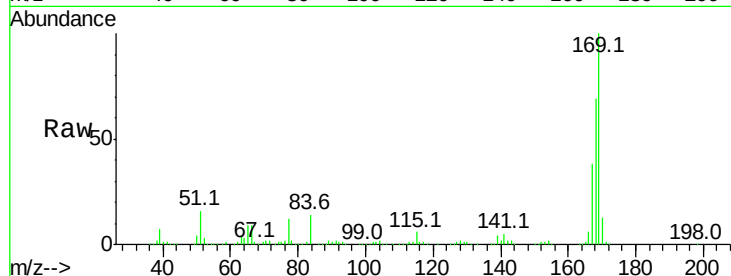
#65
n-Nitrosodiphenylamine
Concen: 38.98 ng
RT: 10.26 min Scan# 750
Delta R.T. -0.00 min
Lab File: BF083400.D
Acq: 2 Dec 2015 5:06

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Resp	Lower	Upper
169	100	952269		
168	69.0		54.8	82.2
167	38.3		30.2	45.2

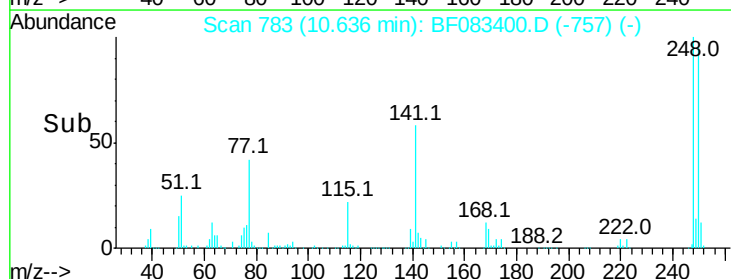
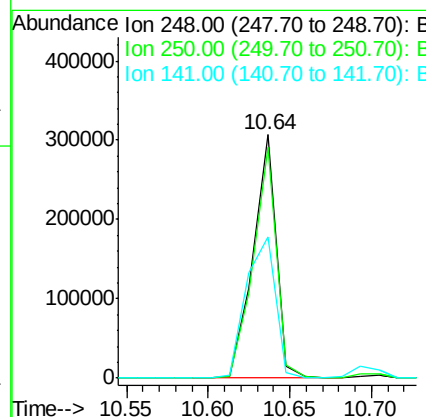
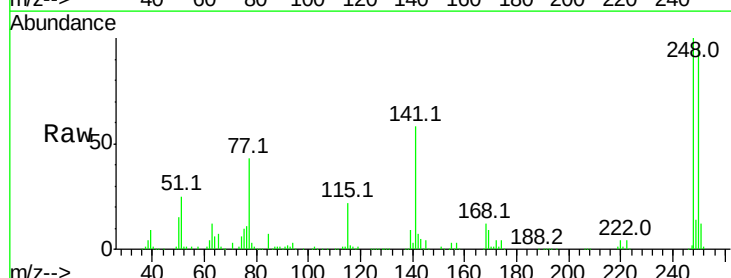
Manual Integrations
APPROVED

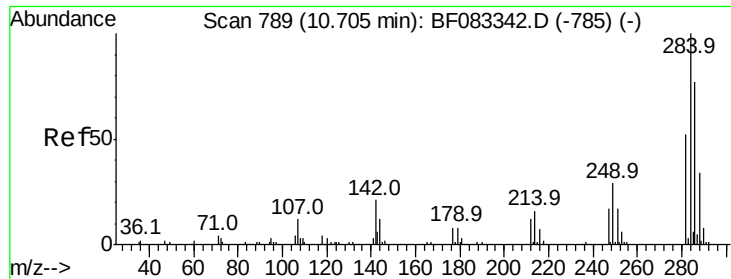
Mmdadoda
12/2/2015 6:13:02 PM



#66
4-Bromophenyl-phenylether
Concen: 39.73 ng
RT: 10.64 min Scan# 783
Delta R.T. -0.00 min
Lab File: BF083400.D
Acq: 2 Dec 2015 5:06

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	302077		
250	95.0		78.6	118.0
141	58.1		44.4	66.6





#67

Hexachlorobenzene

Concen: 39.02 ng

RT: 10.70 min Scan# 789

Delta R.T. -0.00 min

Lab File: BF083400.D

Acq: 2 Dec 2015 5:06

Instrument :

BNA_F

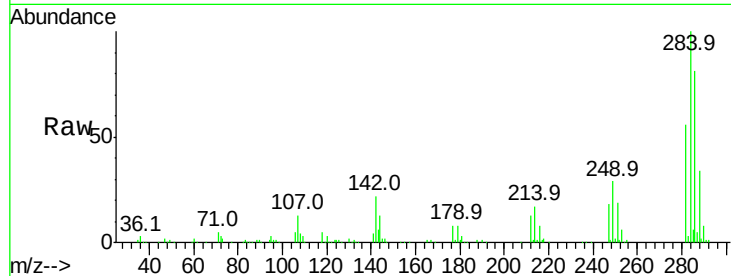
ClientSampleId :

SSTDCCC040EC

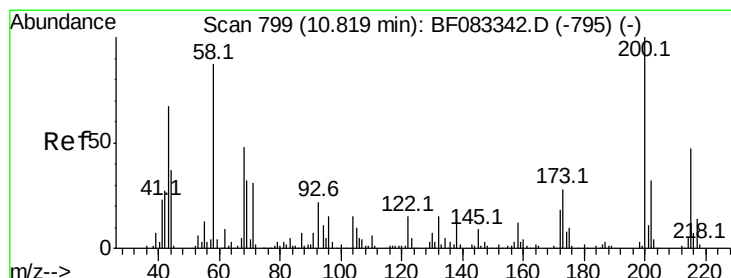
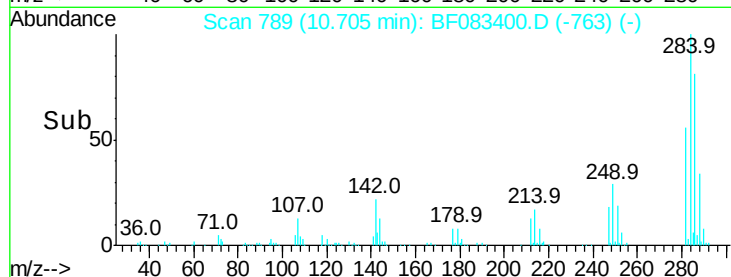
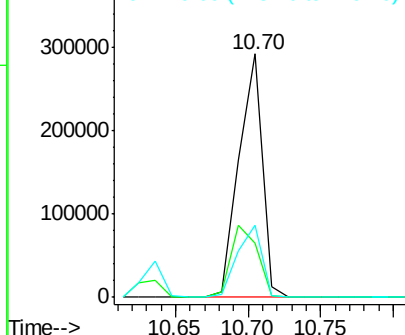
Tot Ion:	284	Resp:	328045
Ion Ratio		Lower	Upper
284	100		
142	22.5	16.6	24.8
249	29.5	23.0	34.4

Manual Integrations
APPROVED

Mmdadoda
12/2/2015 6:13:02 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: 38.25 ng

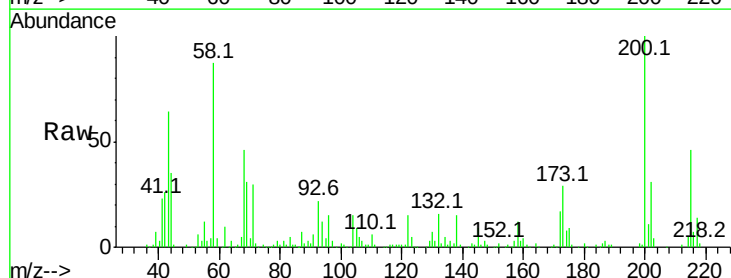
RT: 10.82 min Scan# 799

Delta R.T. -0.00 min

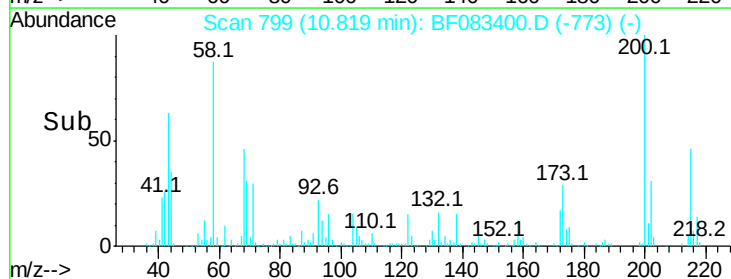
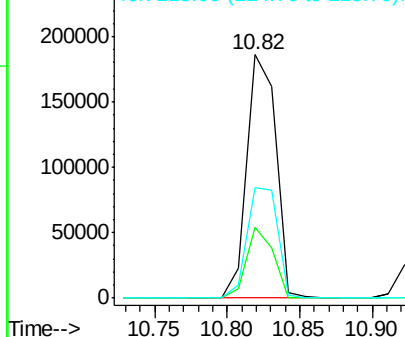
Lab File: BF083400.D

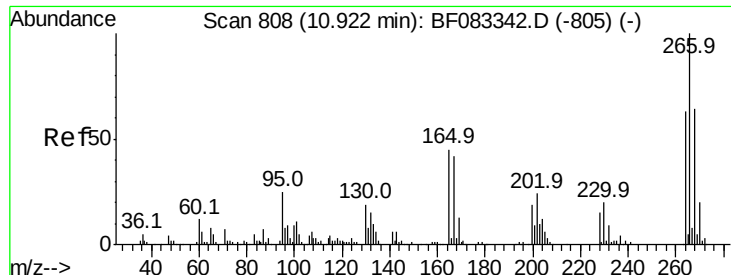
Acq: 2 Dec 2015 5:06

Tgt Ion:	200	Resp:	258396
Ion Ratio		Lower	Upper
200	100		
173	29.1	8.3	48.3
215	45.6	26.7	66.7



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





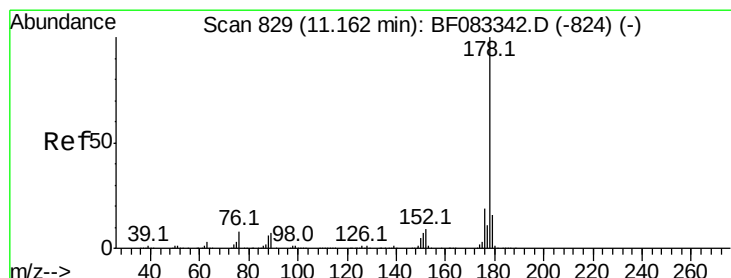
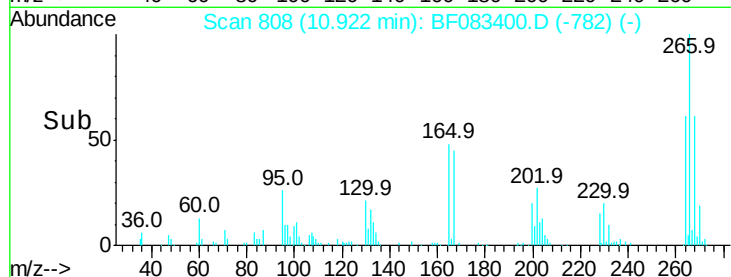
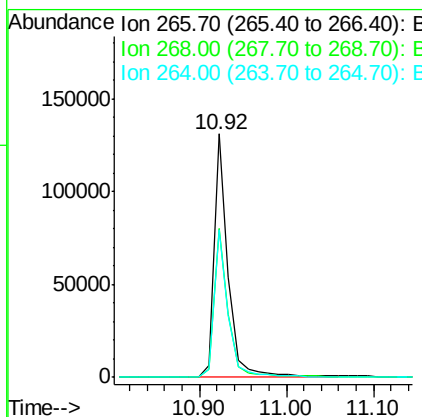
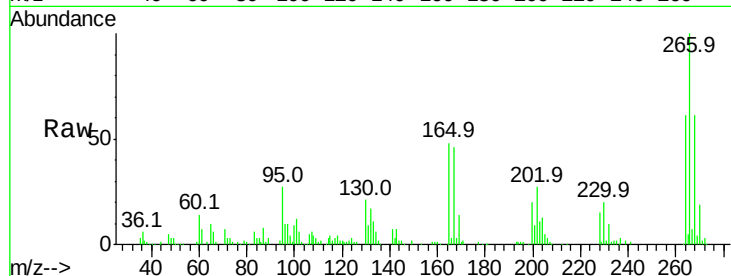
#69
 Pentachlorophenol
 Concen: 33.86 ng
 RT: 10.92 min Scan# 808
 Delta R.T. -0.00 min
 Lab File: BF083400.D
 Acq: 2 Dec 2015 5:06

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tot Ion	Ratio	Resp	Lower	Upper
266	100	149127		
268	61.2	51.5	77.3	
264	60.7	50.4	75.6	

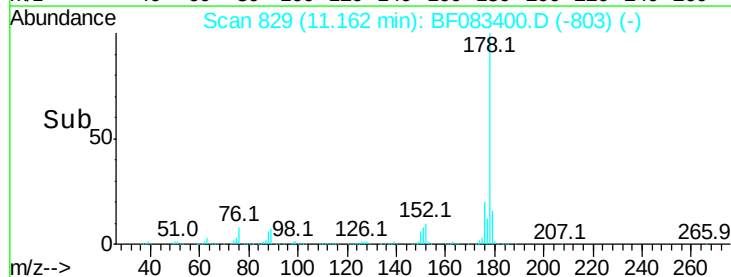
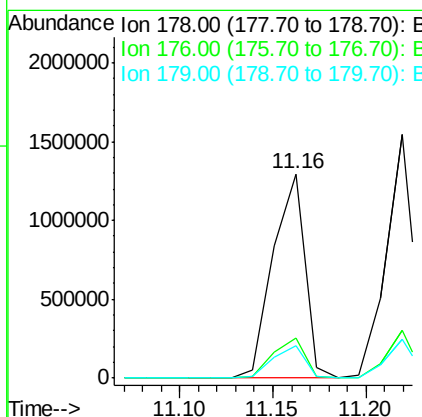
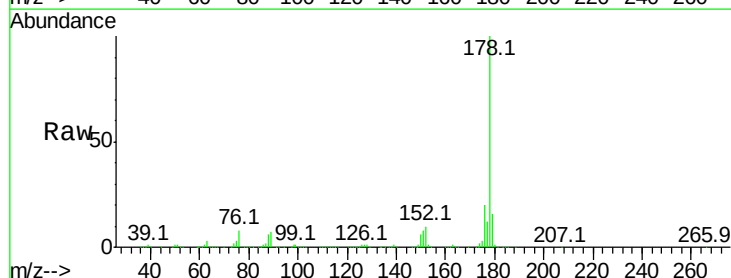
Manual Integrations
 APPROVED

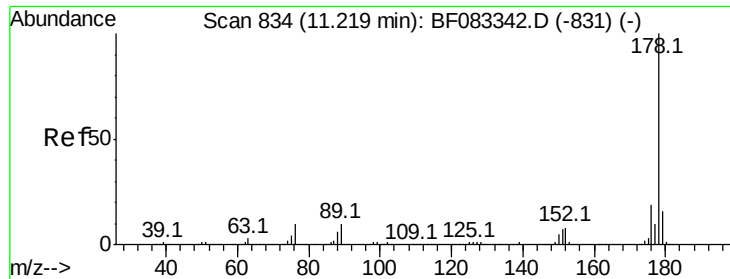
Mmdadoda
 12/2/2015 6:13:02 PM



#70
 Phenanthrene
 Concen: 37.78 ng
 RT: 11.16 min Scan# 829
 Delta R.T. -0.00 min
 Lab File: BF083400.D
 Acq: 2 Dec 2015 5:06

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	1554014		
176	19.7	15.3	22.9	
179	16.0	12.4	18.6	





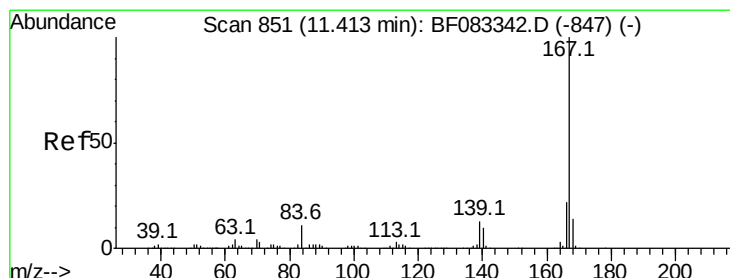
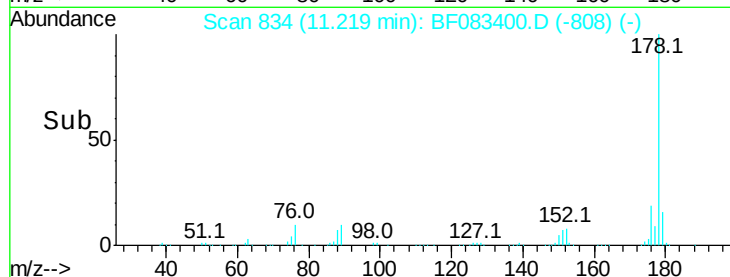
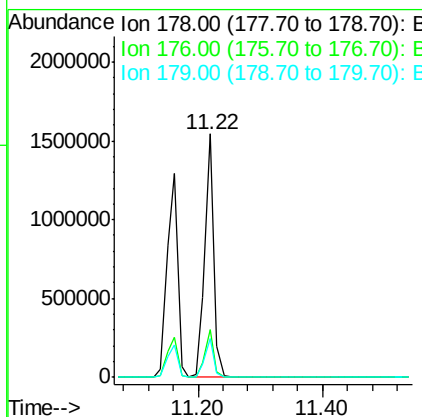
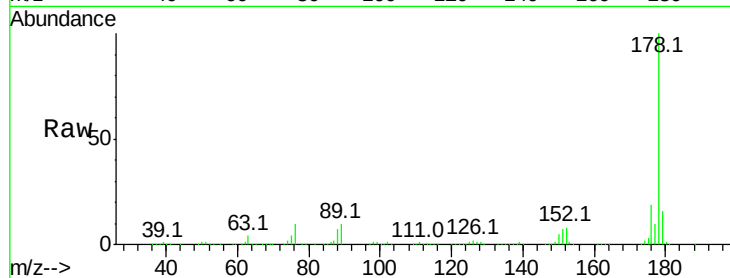
#71
 Anthracene
 Concen: 38.11 ng
 RT: 11.22 min Scan# 834
 Delta R.T. -0.00 min
 Lab File: BF083400.D
 Acq: 2 Dec 2015 5:06

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tot Ion:178 Resp: 1578122
 Ion Ratio Lower Upper
 178 100
 176 19.5 15.6 23.4
 179 16.1 12.8 19.2

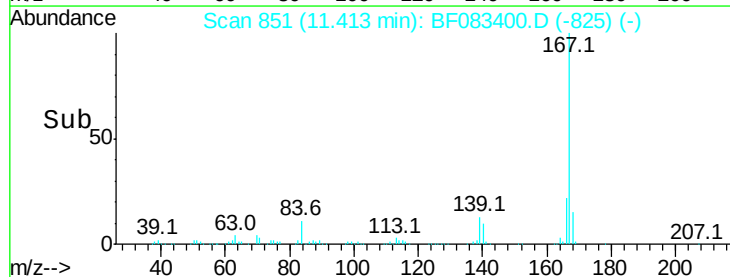
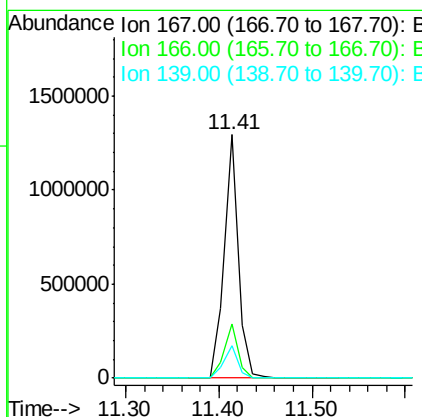
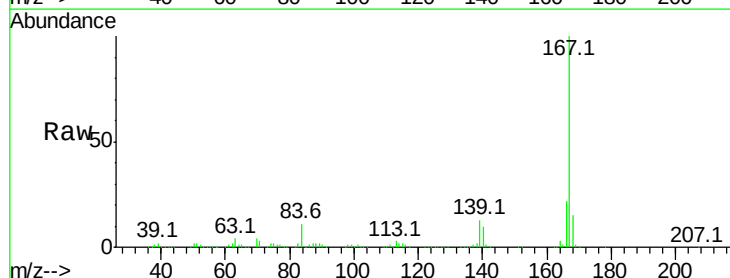
Manual Integrations
 APPROVED

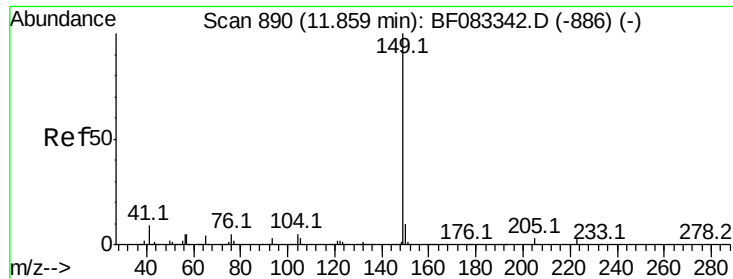
Mmdadoda
 12/2/2015 6:13:02 PM



#72
 Carbazole
 Concen: 36.87 ng
 RT: 11.41 min Scan# 851
 Delta R.T. -0.00 min
 Lab File: BF083400.D
 Acq: 2 Dec 2015 5:06

Tgt Ion:167 Resp: 1372113
 Ion Ratio Lower Upper
 167 100
 166 22.0 17.4 26.0
 139 13.4 10.5 15.7





#73

Di-n-butylphthalate

Concen: 40.49 ng

RT: 11.86 min Scan# 890

Delta R.T. -0.00 min

Lab File: BF083400.D

Acq: 2 Dec 2015 5:06

Instrument :

BNA_F

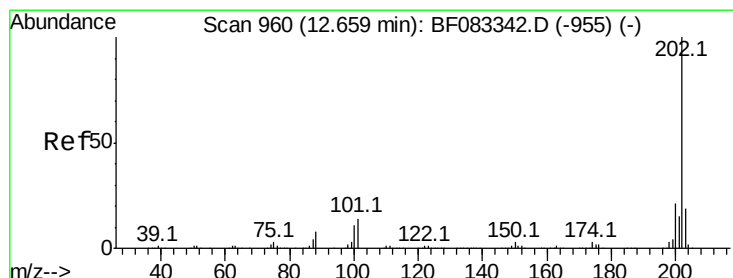
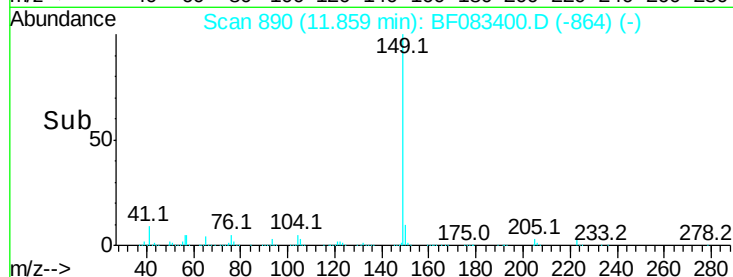
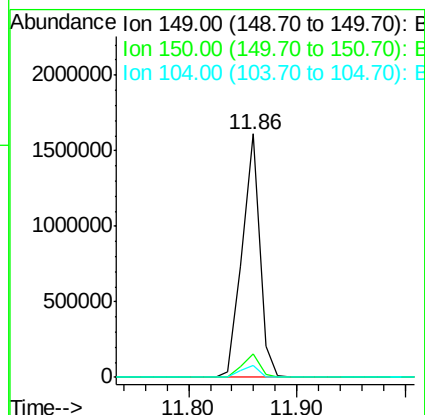
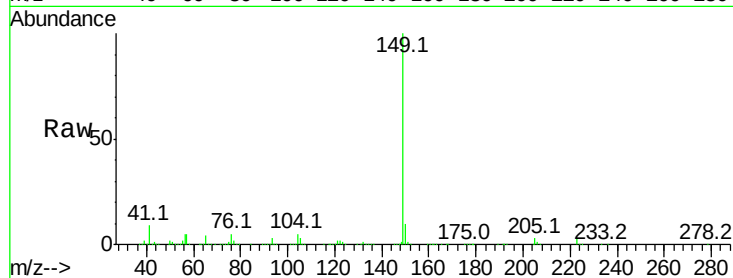
ClientSampleId :

SSTDCCC040EC

Manual Integrations
APPROVED

Mmdadoda
12/2/2015 6:13:02 PM

Tot Ion:149	Resp: 1785550
Ion Ratio	Lower Upper
149 100	
150 9.7	7.7 11.5
104 5.2	4.0 6.0



#74

Fluoranthene

Concen: 36.98 ng

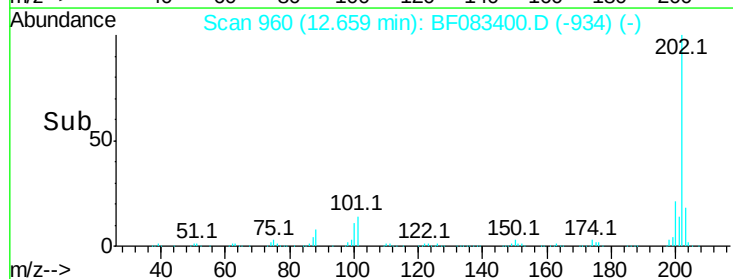
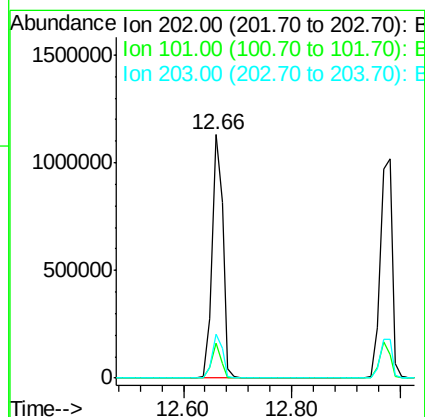
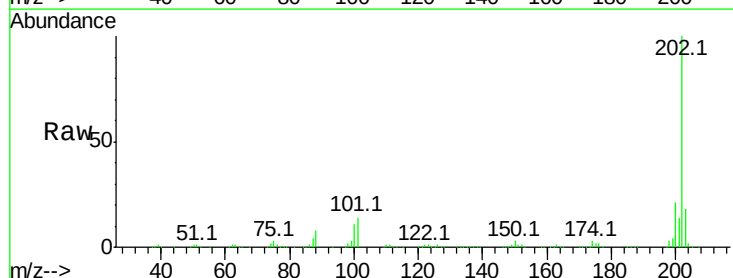
RT: 12.66 min Scan# 960

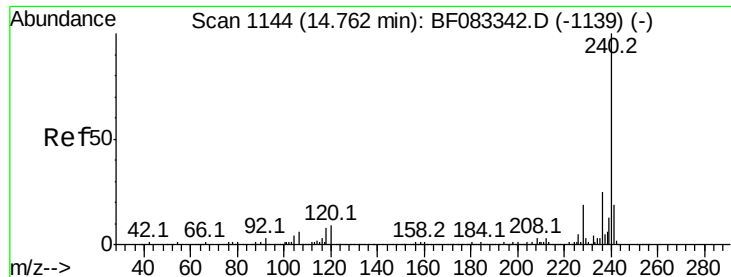
Delta R.T. -0.00 min

Lab File: BF083400.D

Acq: 2 Dec 2015 5:06

Tgt	Ion:202	Resp:	1576839
Ion	Ratio	Lower	Upper
202	100		
101	14.3	0.0	34.5
203	18.0	0.0	38.7





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.76 min Scan# 1144

Delta R.T. -0.00 min

Lab File: BF083400.D

Acq: 2 Dec 2015 5:06

Instrument :

BNA_F

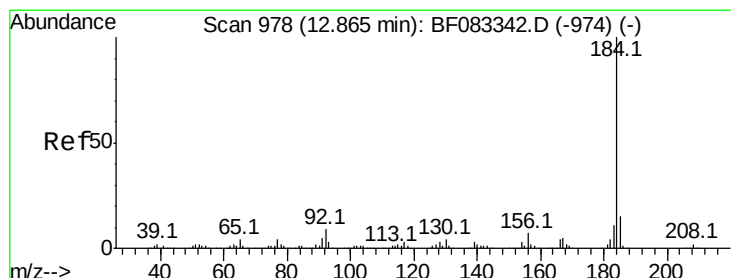
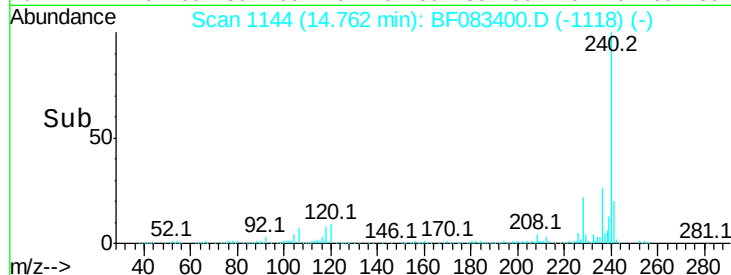
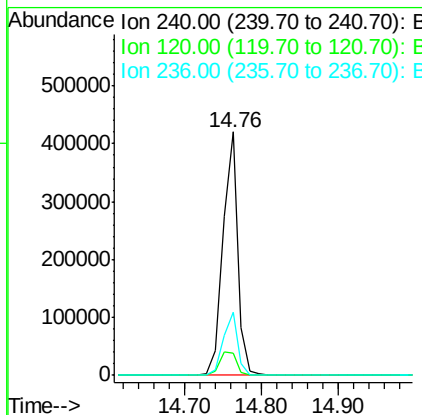
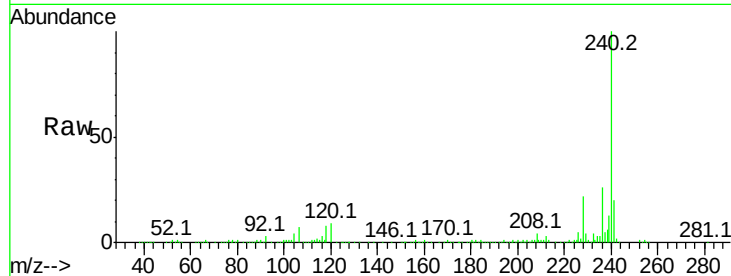
ClientSampleId :

SSTDCCC040EC

Tot Ion:	240	Resp:	573131
Ion Ratio	Lower	Upper	
240	100		
120	9.2	6.9	10.3
236	26.0	19.8	29.6

Manual Integrations
APPROVED

Mmdadoda
12/2/2015 6:13:02 PM



#76

Benzidine

Concen: 36.41 ng

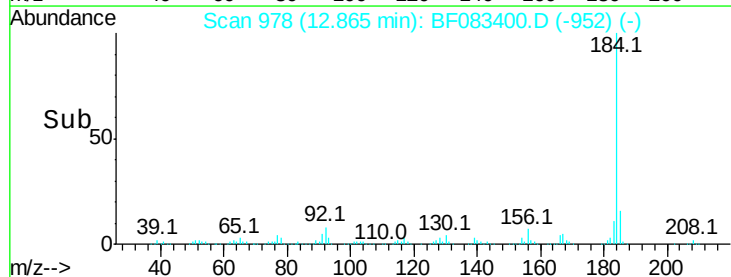
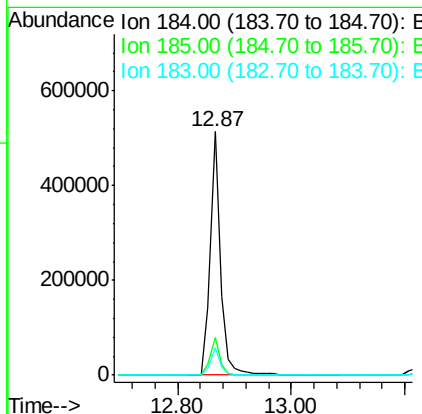
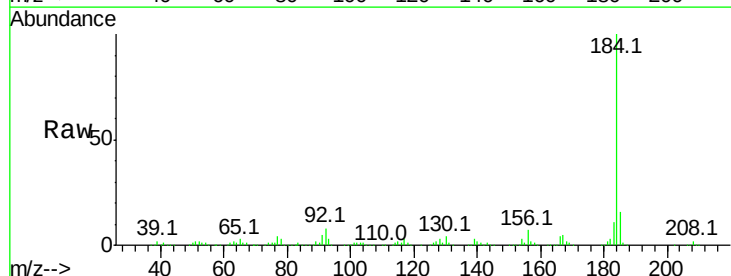
RT: 12.87 min Scan# 978

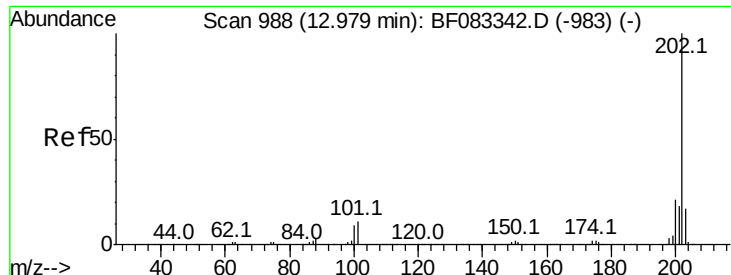
Delta R.T. -0.00 min

Lab File: BF083400.D

Acq: 2 Dec 2015 5:06

Tgt Ion:	184	Resp:	621588
Ion Ratio	Lower	Upper	
184	100		
185	15.6	12.4	18.6
183	11.2	9.0	13.4





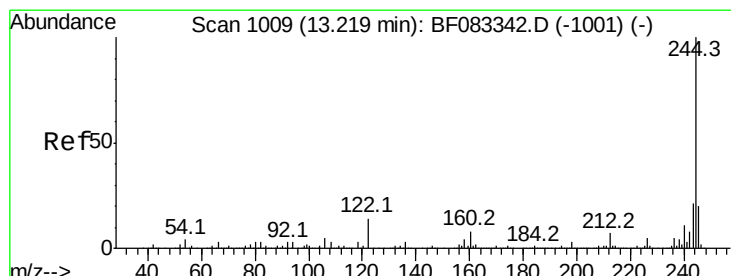
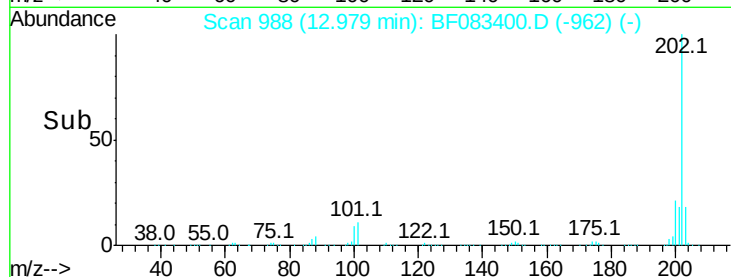
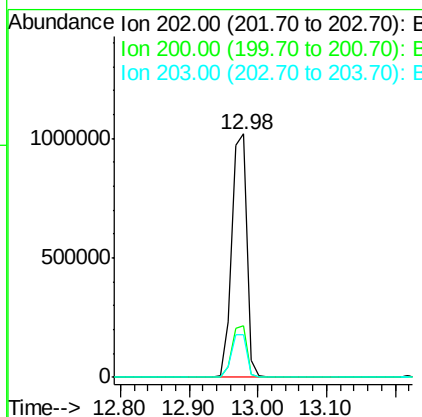
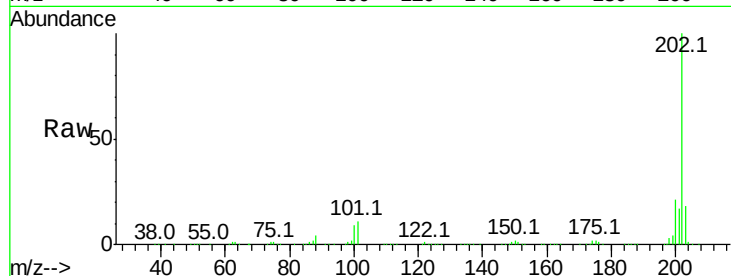
#77
Pvrene
Concen: 39.76 ng
RT: 12.98 min Scan# 988
Delta R.T. -0.00 min
Lab File: BF083400.D
Acq: 2 Dec 2015 5:06

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
202	100		
200	21.5	16.9	25.3
203	17.6	13.9	20.9

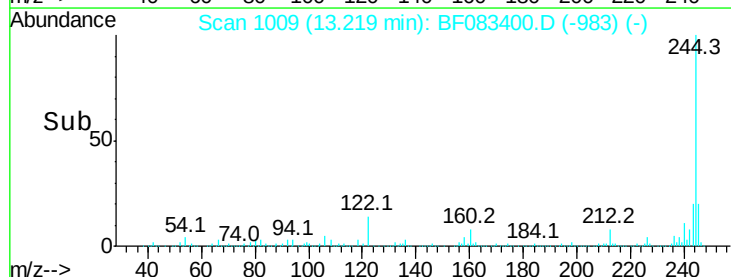
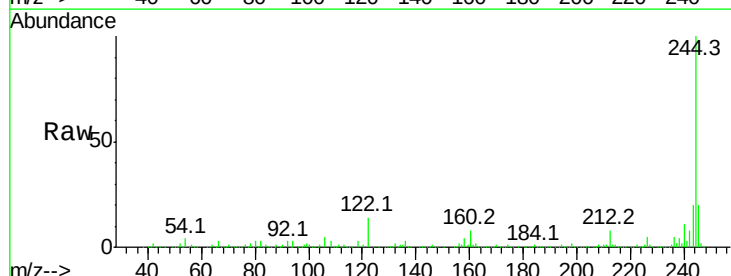
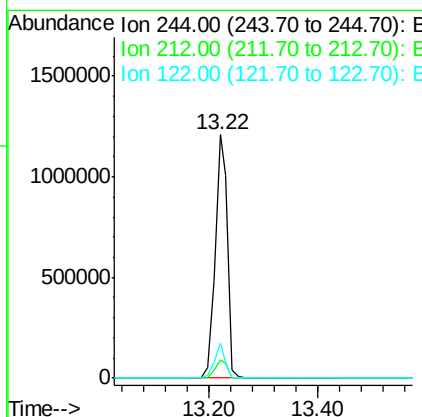
Manual Integrations
APPROVED

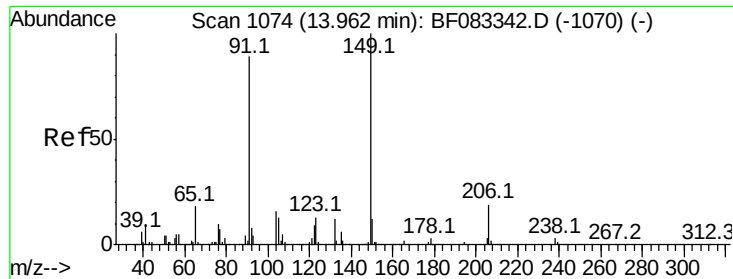
Mmdadoda
12/2/2015 6:13:02 PM



#78
Terphenyl-d14
Concen: 80.48 ng
RT: 13.22 min Scan# 1009
Delta R.T. -0.00 min
Lab File: BF083400.D
Acq: 2 Dec 2015 5:06

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.6	5.8	8.8
122	14.1	11.0	16.4





#79

Butylbenzylphthalate

Concen: 43.72 ng

RT: 13.96 min Scan# 1074

Delta R.T. -0.00 min

Lab File: BF083400.D

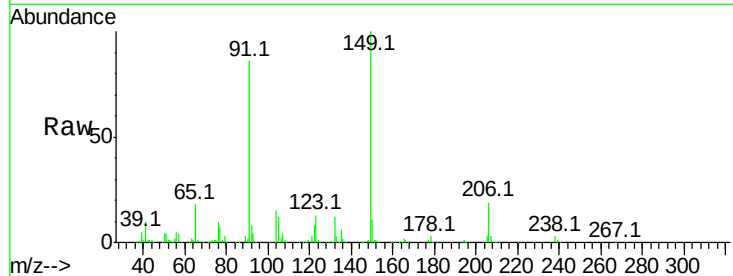
Acq: 2 Dec 2015 5:06

Instrument :

BNA_F

ClientSampleId :

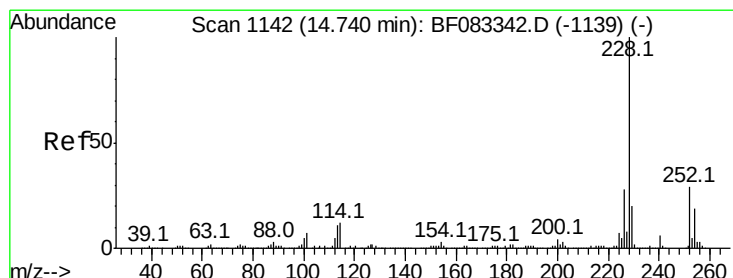
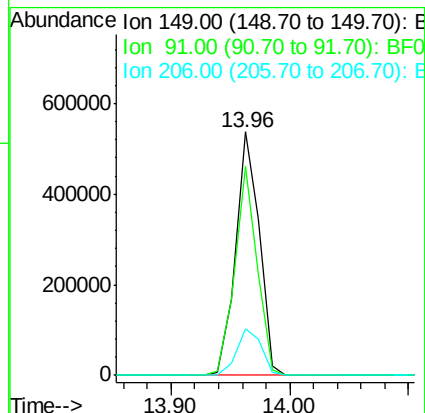
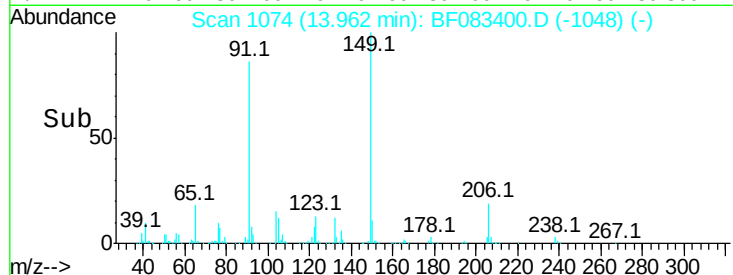
SSTDCCC040EC



Tot Ion:	149	Resp:	742405
Ion Ratio	Lower	Upper	
149	100		
91	85.9	71.4	107.2
206	19.1	15.1	22.7

Manual Integrations
APPROVED

Mmdadoda
12/2/2015 6:13:02 PM



#80

Benzo(a)anthracene

Concen: 37.98 ng

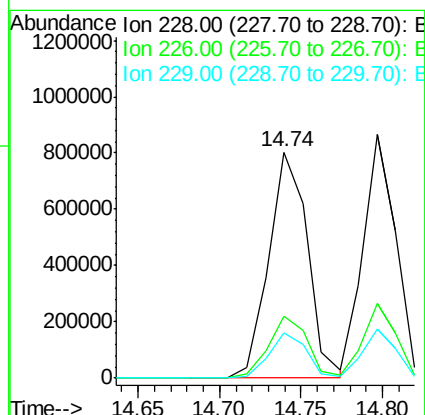
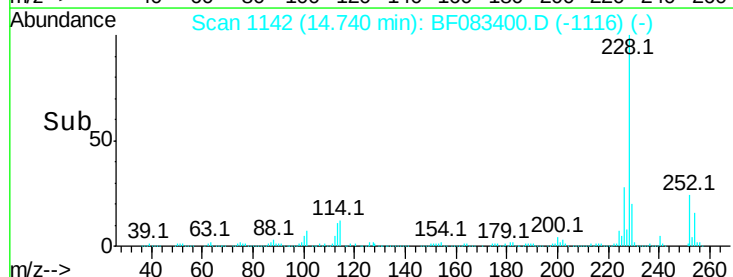
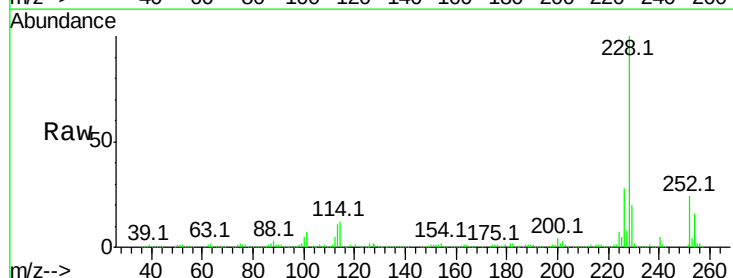
RT: 14.74 min Scan# 1142

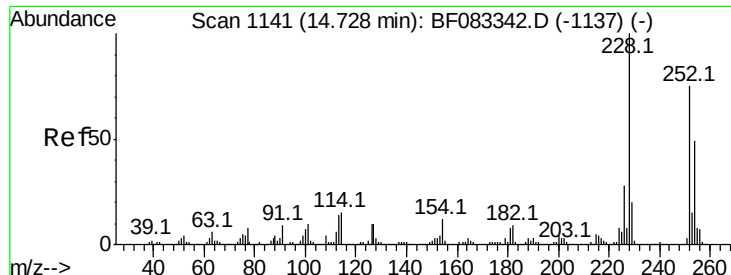
Delta R.T. -0.00 min

Lab File: BF083400.D

Acq: 2 Dec 2015 5:06

Tgt Ion:	228	Resp:	1333560
Ion Ratio	Lower	Upper	
228	100		
226	27.5	22.2	33.4
229	20.0	16.1	24.1





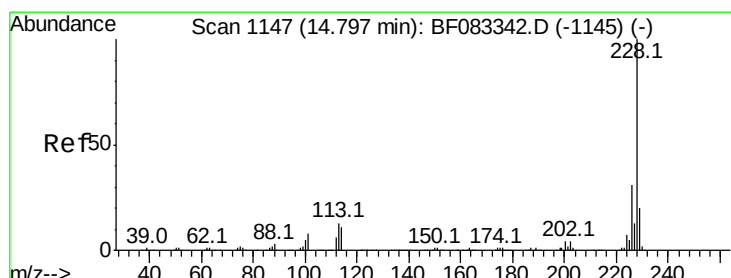
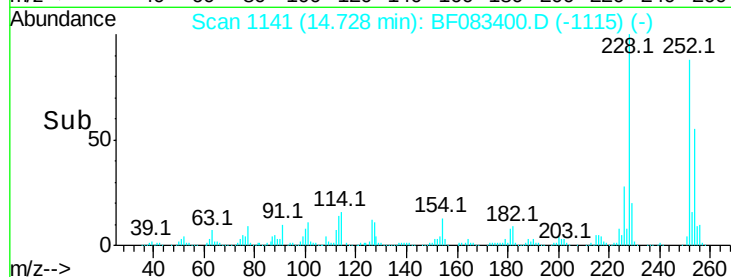
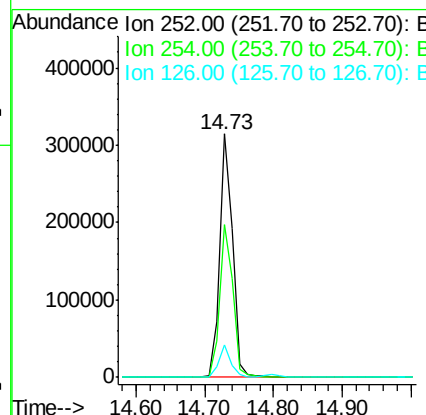
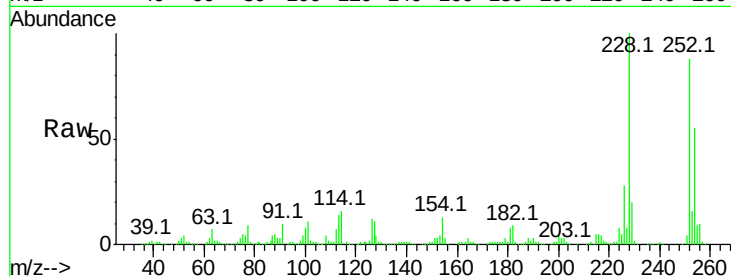
#81
 3,3'-Dichlorobenzidine
 Concen: 38.16 ng
 RT: 14.73 min Scan# 1141
 Delta R.T. -0.00 min
 Lab File: BF083400.D
 Acq: 2 Dec 2015 5:06

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
252	100		
254	62.9	52.0	78.0
126	13.4	10.7	16.1

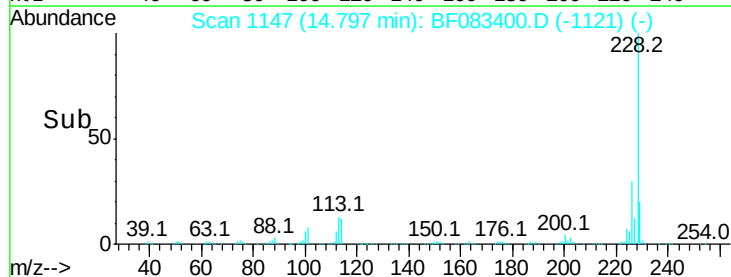
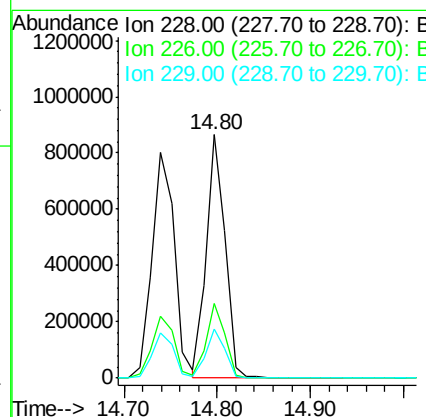
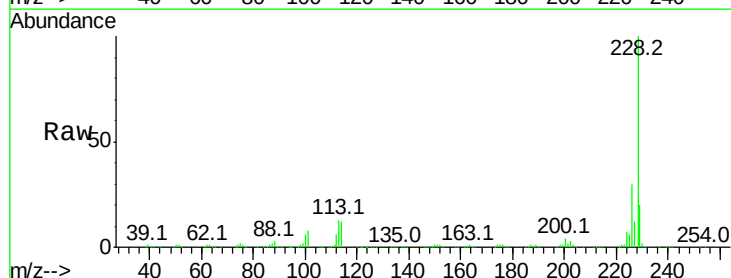
Manual Integrations
 APPROVED

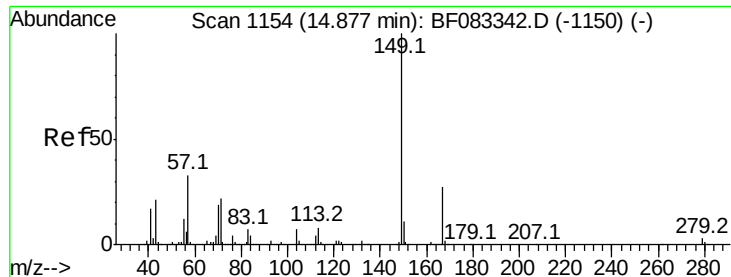
Mmdadoda
 12/2/2015 6:13:02 PM



#82
 Chrysene
 Concen: 35.94 ng
 RT: 14.80 min Scan# 1147
 Delta R.T. -0.00 min
 Lab File: BF083400.D
 Acq: 2 Dec 2015 5:06

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.5	24.6	37.0
229	20.3	16.2	24.2





#83

Bis(2-ethylhexyl)phthalate

Concen: 46.89 ng

RT: 14.88 min Scan# 1154

Delta R.T. -0.00 min

Lab File: BF083400.D

Acq: 2 Dec 2015 5:06

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tot Ion:149 Resp: 1067999

Ion Ratio Lower Upper

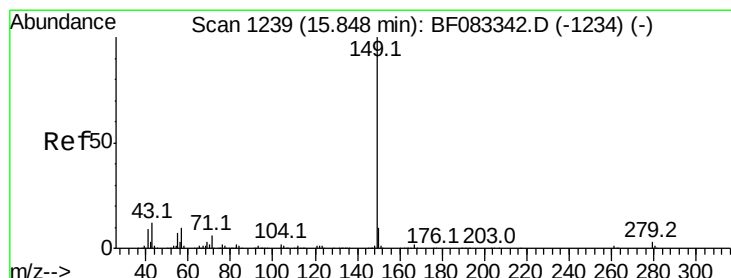
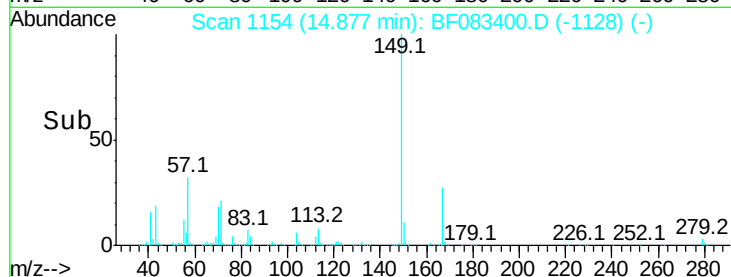
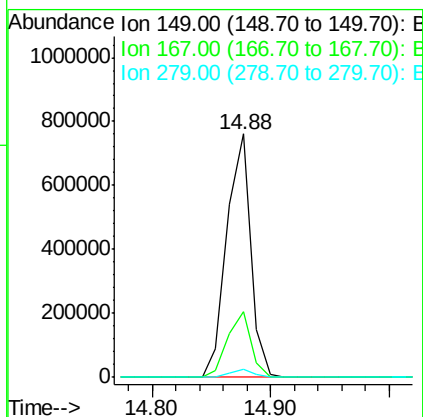
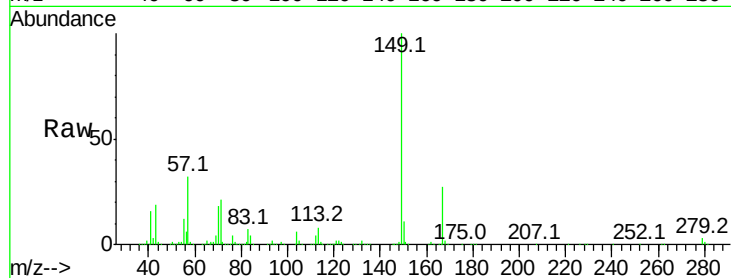
149 100

167 26.9 21.5 32.3

279 3.3 2.6 3.8

Manual Integrations
APPROVED

Mmdadoda
12/2/2015 6:13:02 PM



#84

Di-n-octyl phthalate

Concen: 49.47 ng

RT: 15.85 min Scan# 1239

Delta R.T. -0.00 min

Lab File: BF083400.D

Acq: 2 Dec 2015 5:06

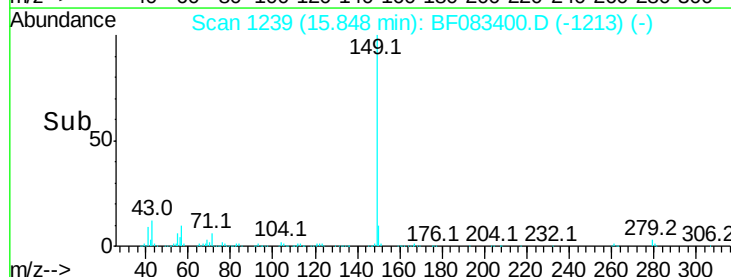
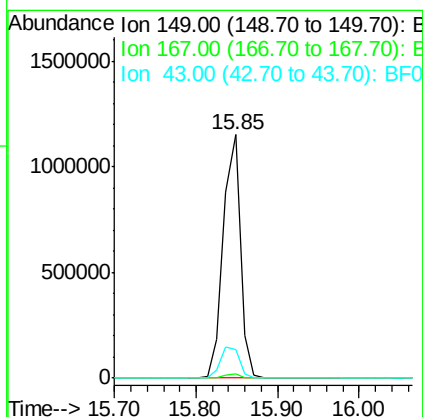
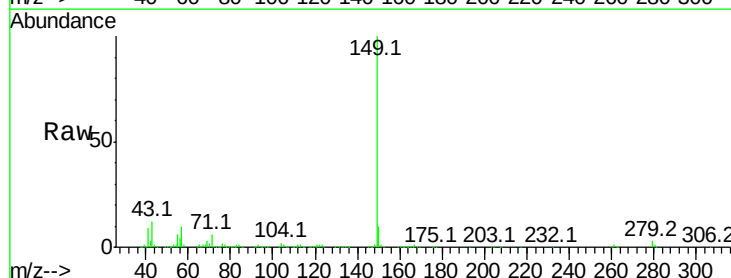
Tgt Ion:149 Resp: 1677812

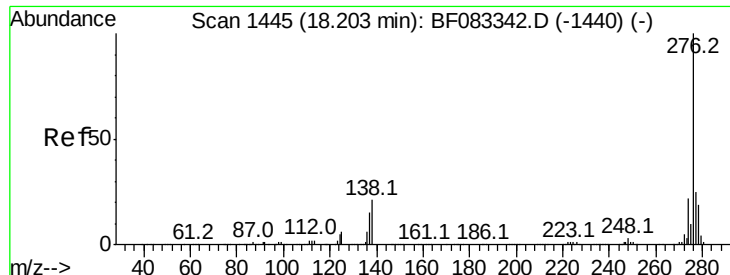
Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

43 14.1 11.0 16.6





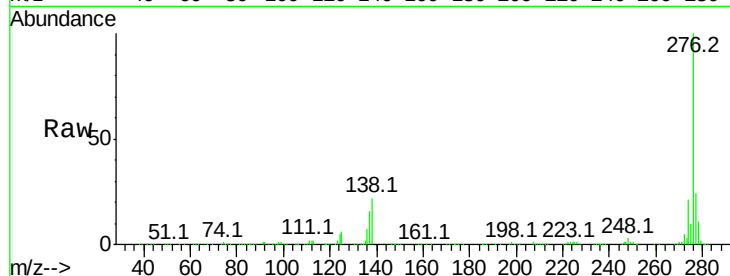
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 44.28 ng
 RT: 18.20 min Scan# 1445
 Delta R.T. -0.00 min
 Lab File: BF083400.D
 Acq: 2 Dec 2015 5:06

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

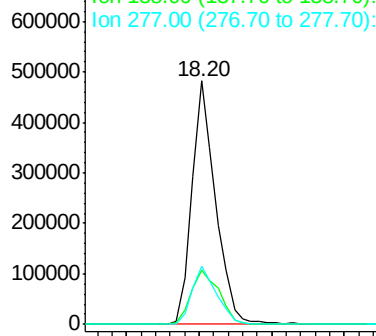
Tot Ion	Ratio	Lower	Upper
276	100		
138	26.6	21.2	31.8
277	25.2	20.0	30.0

Manual Integrations
 APPROVED

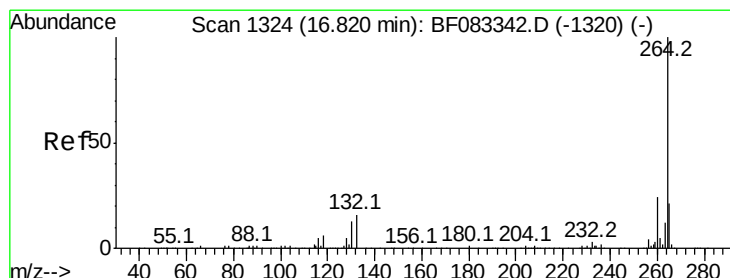
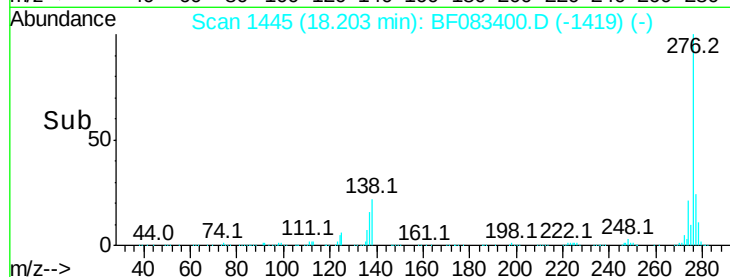
Mmdadoda
 12/2/2015 6:13:02 PM



Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

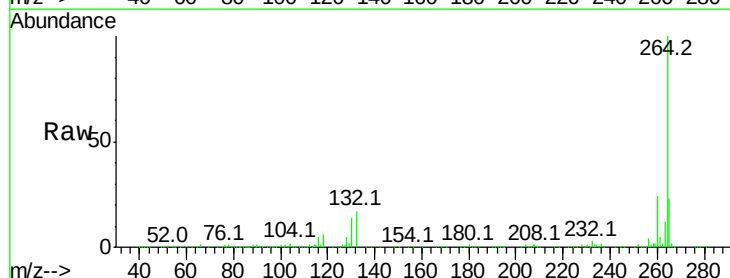


Time-->

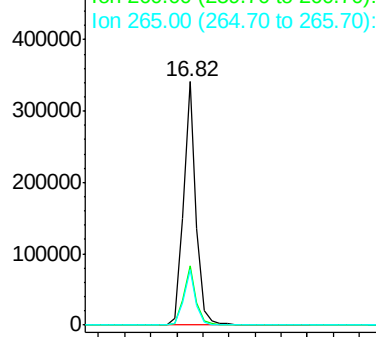


#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 16.82 min Scan# 1324
 Delta R.T. -0.00 min
 Lab File: BF083400.D
 Acq: 2 Dec 2015 5:06

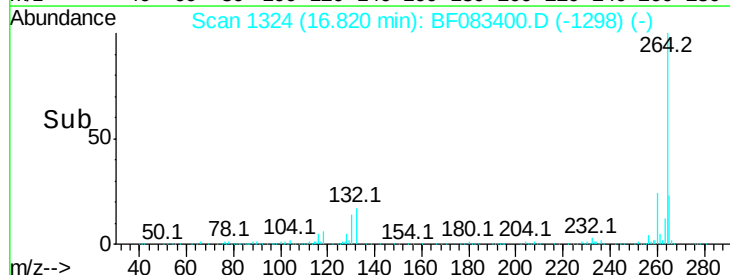
Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.0	28.4
265	22.7	16.8	25.2

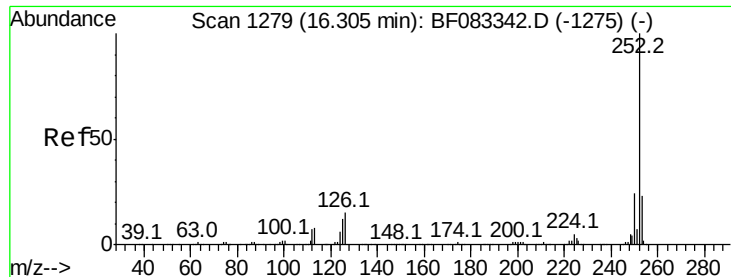


Abundance Ion 264.00 (263.70 to 264.70): E
 Ion 260.00 (259.70 to 260.70): E
 Ion 265.00 (264.70 to 265.70): E



Time-->





#87

Benzo(b)fluoranthene

Concen: 36.90 ng

RT: 16.31 min Scan# 1279

Delta R.T. -0.00 min

Lab File: BF083400.D

Acq: 2 Dec 2015 5:06

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tot Ion:252 Resp: 1094705

Ion Ratio Lower Upper

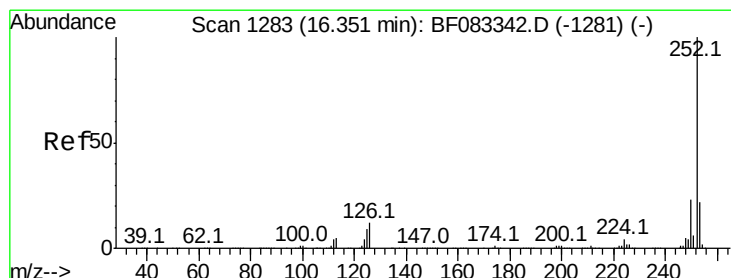
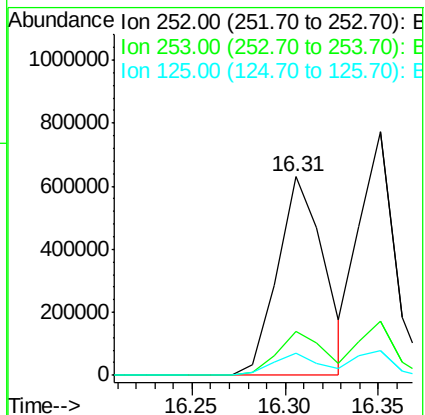
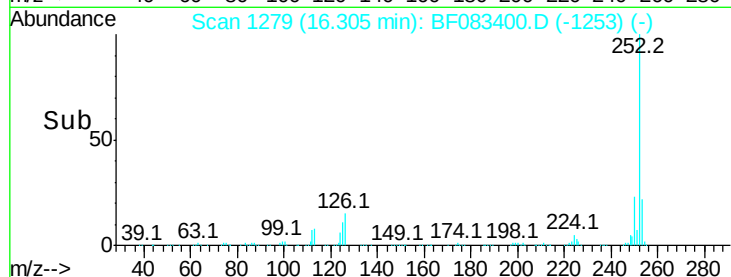
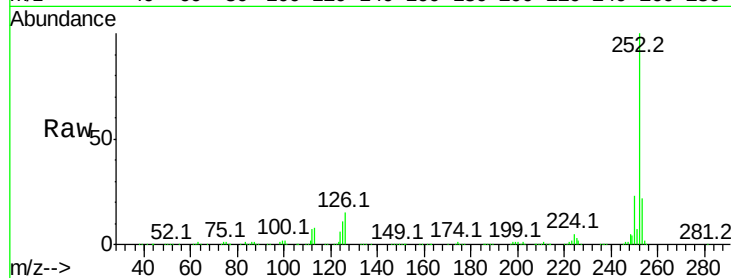
252 100

253 22.1 18.4 27.6

125 11.5 9.6 14.4

Manual Integrations
APPROVED

Mmdadoda
12/2/2015 6:13:02 PM



#88

Benzo(k)fluoranthene

Concen: 36.35 ng

RT: 16.35 min Scan# 1283

Delta R.T. -0.00 min

Lab File: BF083400.D

Acq: 2 Dec 2015 5:06

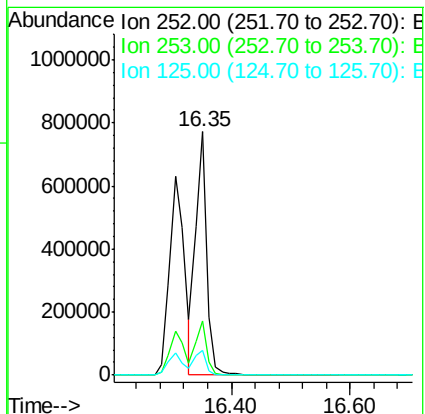
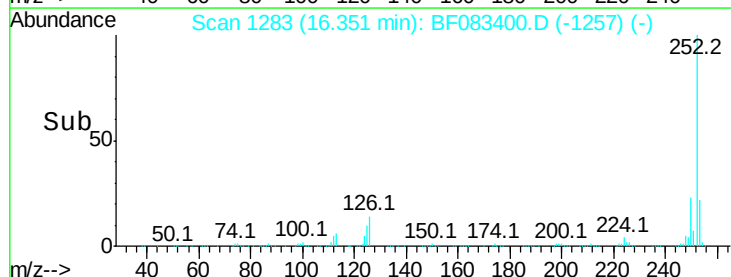
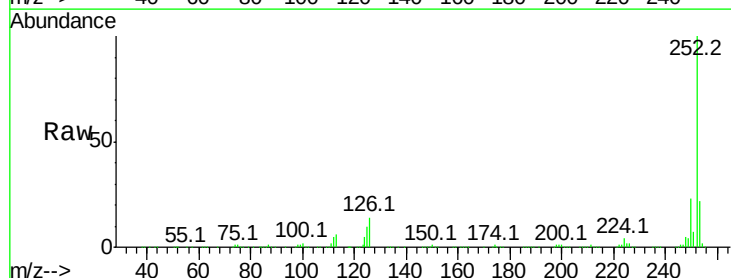
Tgt Ion:252 Resp: 1018204

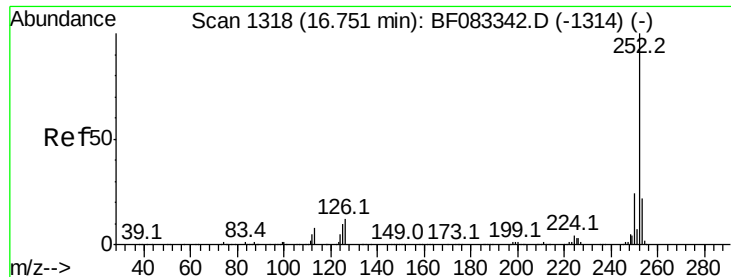
Ion Ratio Lower Upper

252 100

253 22.4 17.4 26.0

125 10.0 7.5 11.3





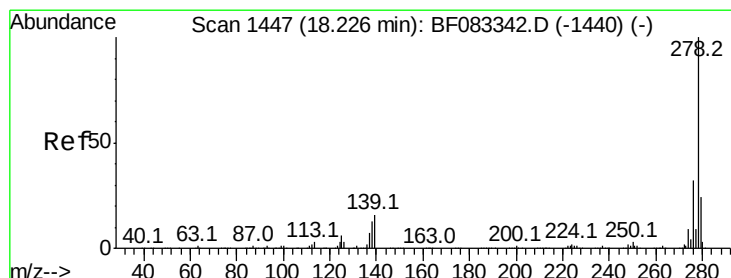
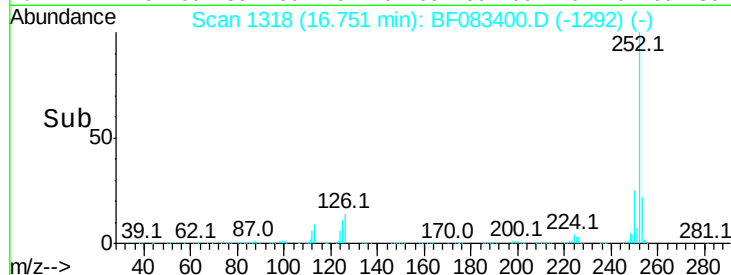
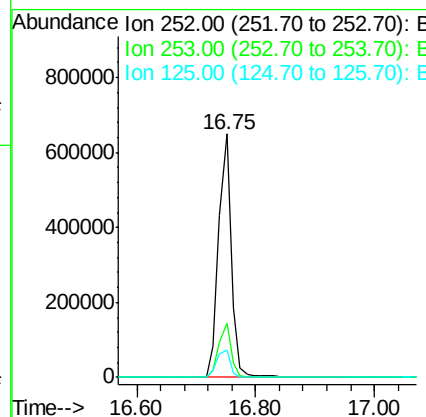
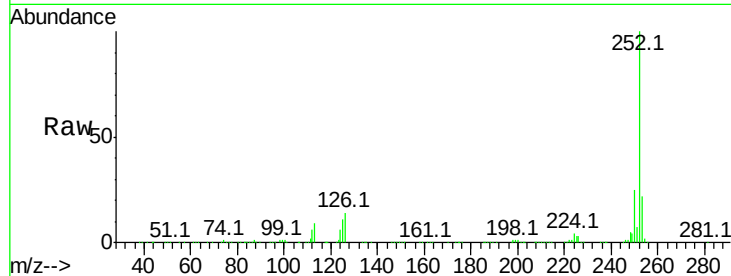
#89
Benzo(a)pyrene
Concen: 37.90 ng
RT: 16.75 min Scan# 1318
Delta R.T. -0.00 min
Lab File: BF083400.D
Acq: 2 Dec 2015 5:06

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.5	26.3
125	11.4	7.8	11.8

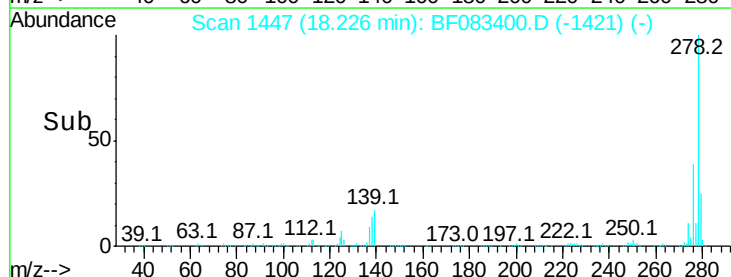
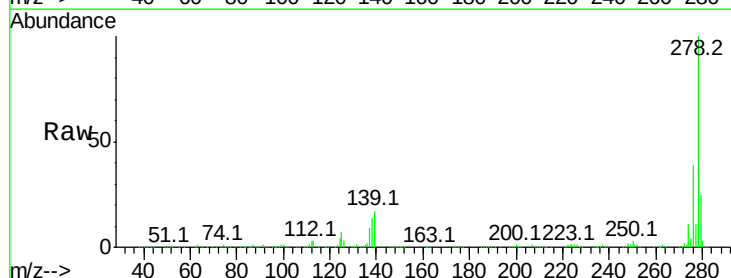
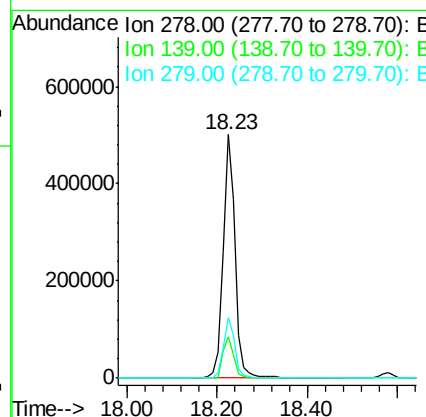
Manual Integrations
APPROVED

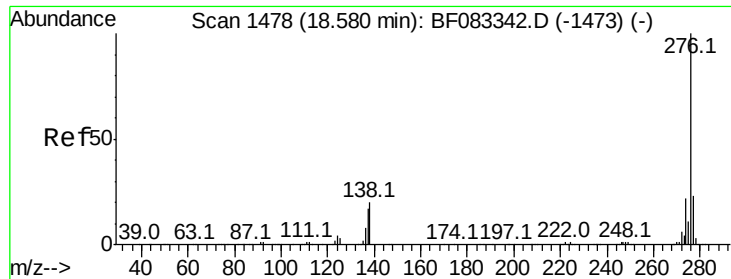
Mmdadoda
12/2/2015 6:13:02 PM



#90
Dibenzo(a,h)anthracene
Concen: 41.66 ng
RT: 18.23 min Scan# 1447
Delta R.T. -0.00 min
Lab File: BF083400.D
Acq: 2 Dec 2015 5:06

Tgt Ion	Ratio	Lower	Upper
278	100		
139	16.9	13.1	19.7
279	24.7	19.2	28.8





#91
 Benzo(a,h,i)perylene
 Concen: 39.39 ng
 RT: 18.58 min Scan# 1478
 Delta R.T. -0.00 min
 Lab File: BF083400.D
 Acq: 2 Dec 2015 5:06

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tot Ion	Ratio	Resp Lower	Upper
276	100		
277	24.5	18.6	28.0
138	22.8	16.1	24.1

Manual Integrations
 APPROVED

Mmdadoda
 12/2/2015 6:13:02 PM

