

Data Path : Z:\HPCHEM1\BNA F\DATA\BF121615\
 Data File : BF083843.D
 Acq On : 16 Dec 2015 12:51
 Operator : UM/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Manual Integrations
 APPROVED

MMdadoda
 12/17/2015 5:34:09 PM

Quant Time: Dec 17 03:29:35 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121315.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 14 01:30:12 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	110817	20.00	ng	-0.02
21) Naphthalene-d8	8.18	136	438977	20.00	ng	-0.03
38) Acenaphthene-d10	9.93	164	209035	20.00	ng	-0.03
63) Phenanthrene-d10	11.41	188	386433	20.00	ng	-0.03
75) Chrysene-d12	14.05	240	257959	20.00	ng	-0.02
86) Perylene-d12	15.48	264	215472	20.00	ng	-0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.49	112	523563	76.22	ng	-0.03
7) Phenol-d6	6.53	99	682244	78.43	ng	-0.01
23) Nitrobenzene-d5	7.46	82	586126	74.70	ng	-0.02
41) 2,4,6-Tribromophenol	10.72	330	173822	81.61	ng	-0.03
44) 2-Fluorobiphenyl	9.25	172	1039878	68.91	ng	-0.03
78) Terphenyl-d14	13.00	244	1067979	89.06	ng	-0.02

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.50	88	126401	38.05	ng	# 79
3) Pyridine	3.23	79	337481	40.38	ng	85
4) n-Nitrosodimethylamine	3.18	42	120965	38.26	ng	# 60
6) Aniline	6.56	93	445195	37.67	ng	# 84
8) 2-Chlorophenol	6.68	128	333276	41.29	ng	84
9) Benzaldehyde	6.44	77	182738	39.12	ng	80
10) Phenol	6.54	94	384696	38.42	ng	89
11) bis(2-Chloroethyl)ether	6.64	93	294690	40.64	ng	# 81
12) 1,3-Dichlorobenzene	6.83	146	335720m	39.19	ng	
13) 1,4-Dichlorobenzene	6.91	146	337003	38.93	ng	99
14) 1,2-Dichlorobenzene	7.07	146	332783	42.78	ng	97
15) Benzyl Alcohol	7.04	79	244927	38.33	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.17	45	324651	34.48	ng	71
17) 2-Methylphenol	7.15	107	242562	37.37	ng	# 85
18) Hexachloroethane	7.41	117	127403	41.44	ng	95
19) n-Nitroso-di-n-propylamine	7.31	70	187596	35.22	ng	93
20) 3+4-Methylphenols	7.31	107	303277	39.58	ng	# 60
22) Acetophenone	7.31	105	420708	39.07	ng	# 98
24) Nitrobenzene	7.48	77	345555	42.31	ng	# 80
25) Isophorone	7.72	82	590005	38.33	ng	# 92
26) 2-Nitrophenol	7.79	139	156209	39.82	ng	90
27) 2,4-Dimethylphenol	7.84	122	288505	37.43	ng	98
28) bis(2-Chloroethoxy)methane	7.93	93	319540	36.38	ng	# 98
29) 2,4-Dichlorophenol	8.04	162	266017	42.04	ng	94
30) 1,2,4-Trichlorobenzene	8.12	180	264961	40.37	ng	96
31) Naphthalene	8.20	128	895367	39.13	ng	98
32) Benzoic acid	7.96	122	157631	32.81	ng	# 84
33) 4-Chloroaniline	8.25	127	368899	39.47	ng	# 90
34) Hexachlorobutadiene	8.33	225	156461	43.45	ng	97
35) Caprolactam	8.62	113	80765	39.74	ng	# 60
36) 4-Chloro-3-methylphenol	8.73	107	274095	37.03	ng	97
37) 2-Methylnaphthalene	8.89	142	538412	37.48	ng	97
39) 1,2,4,5-Tetrachlorobenzene	9.06	216	246948	40.05	ng	# 100
40) Hexachlorocyclopentadiene	9.05	237	97221	31.11	ng	99

Data Path : Z:\HPCHEM1\BNA F\DATA\BF121615\
 Data File : BF083843.D
 Acq On : 16 Dec 2015 12:51
 Operator : UM/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

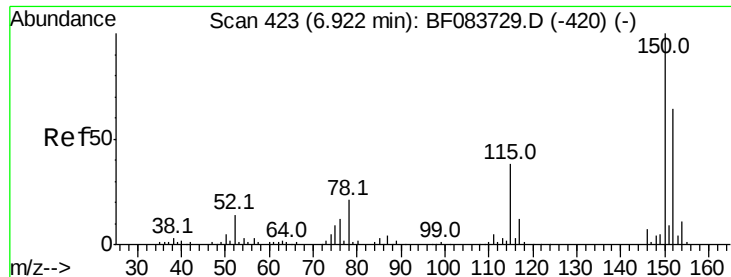
Manual Integrations
 APPROVED

MMdadoda
 12/17/2015 5:34:09 PM

Quant Time: Dec 17 03:29:35 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121315.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 14 01:30:12 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.17	196	186828	41.39	nq	97
43) 2,4,5-Trichlorophenol	9.21	196	175954	41.09	nq #	94
45) 1,1'-Biphenyl	9.36	154	728202	39.31	nq	96
46) 2-Chloronaphthalene	9.38	162	526817	38.52	nq #	92
47) 2-Nitroaniline	9.47	65	155833	40.18	nq #	75
48) Acenaphthylene	9.79	152	847882	36.85	nq	99
49) Dimethylphthalate	9.65	163	629104	38.60	nq	100
50) 2,6-Dinitrotoluene	9.71	165	137220	39.67	nq	97
51) Acenaphthene	9.96	154	529453	38.07	nq	100
52) 3-Nitroaniline	9.88	138	152015	38.12	nq	80
53) 2,4-Dinitrophenol	9.98	184	55842	40.51	nq #	89
54) Dibenzofuran	10.13	168	666608	36.17	nq #	89
55) 4-Nitrophenol	10.04	139	118771	40.22	nq	83
56) 2,4-Dinitrotoluene	10.12	165	214212	47.41	nq #	57
57) Fluorene	10.48	166	534376	36.82	nq	98
58) 2,3,4,6-Tetrachlorophenol	10.26	232	139201	43.34	nq #	100
59) Diethylphthalate	10.35	149	617656	37.44	nq	98
60) 4-Chlorophenyl-phenylether	10.48	204	270309	40.85	nq #	89
61) 4-Nitroaniline	10.50	138	166163	47.27	nq	94
62) Azobenzene	10.62	77	586763	39.01	nq	96
64) 4,6-Dinitro-2-methylphenol	10.53	198	91069	41.42	nq #	45
65) n-Nitrosodiphenylamine	10.59	169	538023	40.71	nq	97
66) 4-Bromophenyl-phenylether	10.96	248	167764	38.83	nq #	80
67) Hexachlorobenzene	11.04	284	193971	41.49	nq #	75
68) Atrazine	11.12	200	152890	40.66	nq	98
69) Pentachlorophenol	11.22	266	96351	36.54	nq	99
70) Phenanthrene	11.44	178	768539	37.44	nq	99
71) Anthracene	11.49	178	894578	41.96	nq	100
72) Carbazole	11.64	167	774782	39.00	nq #	96
73) Di-n-butylphthalate	11.97	149	935907	38.79	nq	99
74) Fluoranthene	12.63	202	884958	41.72	nq	99
76) Benzidine	12.74	184	381828	48.57	nq	97
77) Pyrene	12.85	202	888795	43.59	nq	99
79) Butylbenzylphthalate	13.47	149	407545	46.57	nq	90
80) Benzo(a)anthracene	14.04	228	638682	43.54	nq	99
81) 3,3'-Dichlorobenzidine	14.00	252	234601	44.34	nq	98
82) Chrysene	14.08	228	661022	46.20	nq	99
83) Bis(2-ethylhexyl)phthalate	14.03	149	448963	45.08	nq #	98
84) Di-n-octyl phthalate	14.64	149	710884	44.92	nq #	100
85) Indeno(1,2,3-cd)pyrene	16.92	276	601913	42.84	nq #	100
87) Benzo(b)fluoranthene	15.07	252	546838	39.78	nq	99
88) Benzo(k)fluoranthene	15.09	252	524089m	42.08	nq	
89) Benzo(a)pyrene	15.43	252	501821	40.91	nq	99
90) Dibenzo(a,h)anthracene	16.93	278	493203	40.43	nq	98
91) Benzo(g,h,i)perylene	17.35	276	520126	41.48	nq	98

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.90 min Scan# 421

Delta R.T. -0.02 min

Lab File: BF083843.D

Acq: 16 Dec 2015 12:51

Instrument :

BNA_F

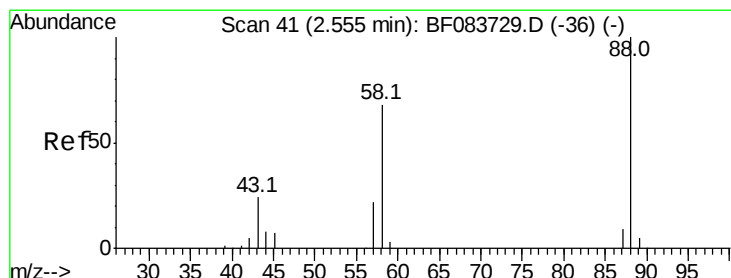
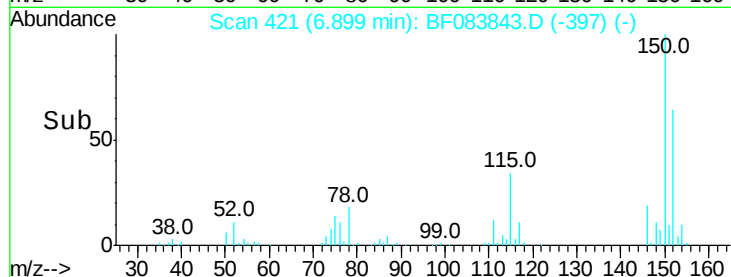
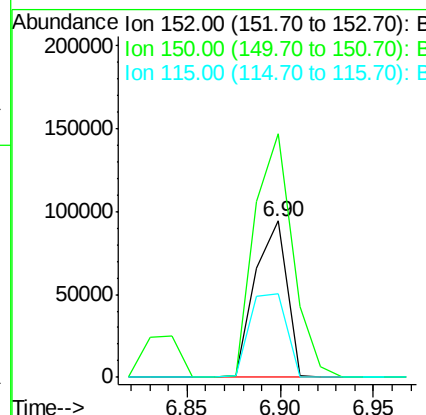
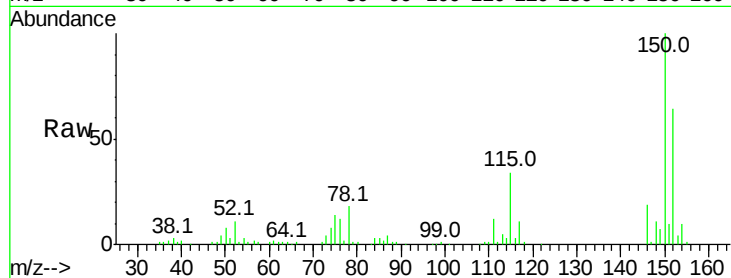
ClientSampleId :

SSTDCCC040

Tot Ion:	152	Resp:	110817
Ion Ratio	Lower	Upper	
152	100		
150	155.7	126.5	189.7
115	53.4	52.3	78.5

Manual Integrations
APPROVED

MMdadoda
12/17/2015 5:34:09 PM



#2

1,4-Dioxane

Concen: 38.05 ng

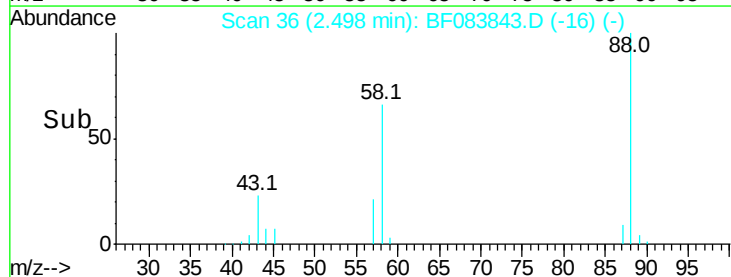
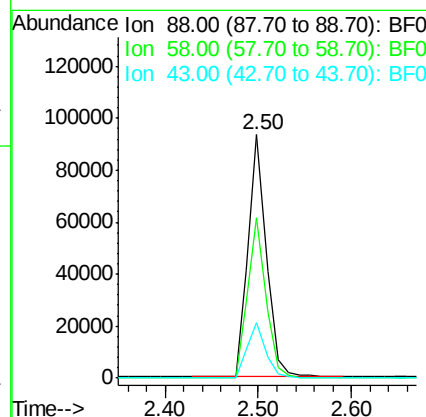
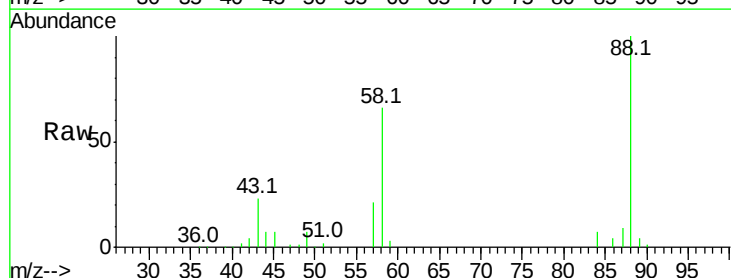
RT: 2.50 min Scan# 36

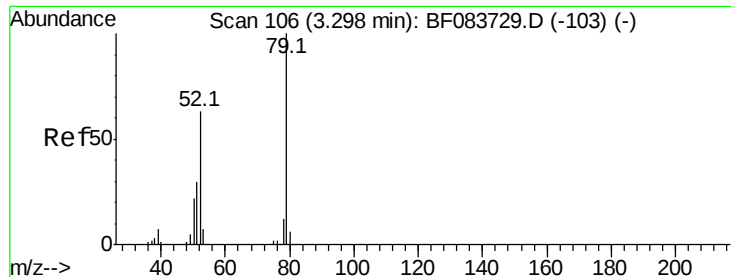
Delta R.T. -0.07 min

Lab File: BF083843.D

Acq: 16 Dec 2015 12:51

Tgt Ion:	88	Resp:	126401
Ion Ratio	Lower	Upper	
88	100		
58	65.9	68.0	102.0#
43	23.1	27.9	41.9#





#3

Pvridine

Concen: 40.38 ng

RT: 3.23 min Scan# 100

Delta R.T. -0.07 min

Lab File: BF083843.D

Acq: 16 Dec 2015 12:51

Instrument :

BNA_F

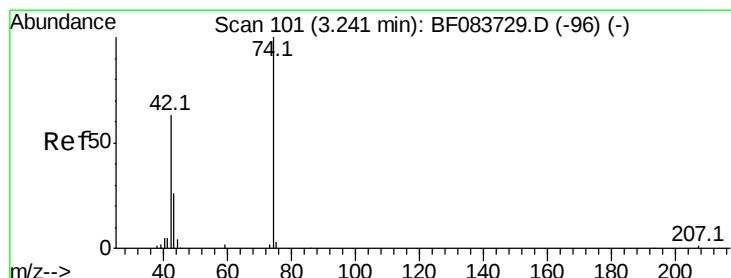
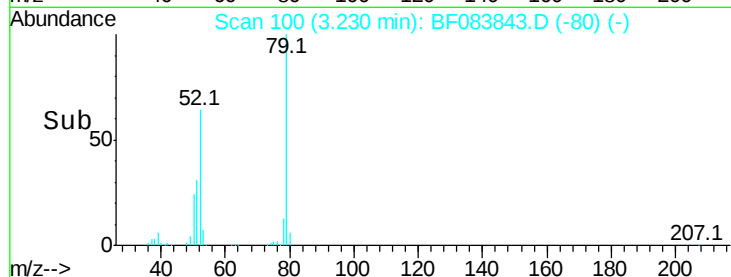
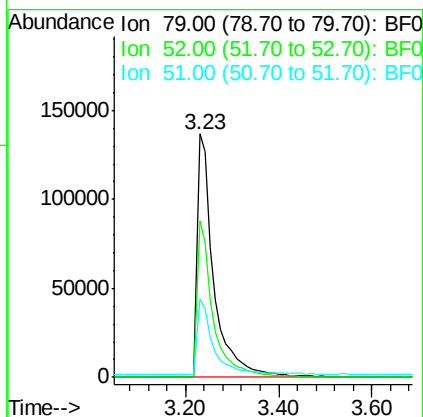
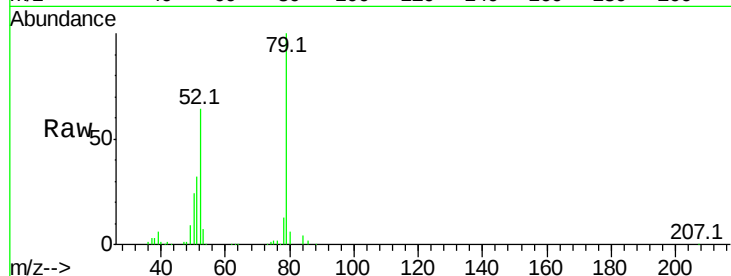
ClientSampleId :

SSTDCCC040

Tot Ion:	79	Resp:	337481
Ion Ratio	Lower	Upper	
79	100		
52	64.4	63.7	95.5
51	32.0	30.6	45.8

Manual Integrations
APPROVED

MMdadoda
12/17/2015 5:34:09 PM



#4

n-Nitrosodimethylamine

Concen: 38.26 ng

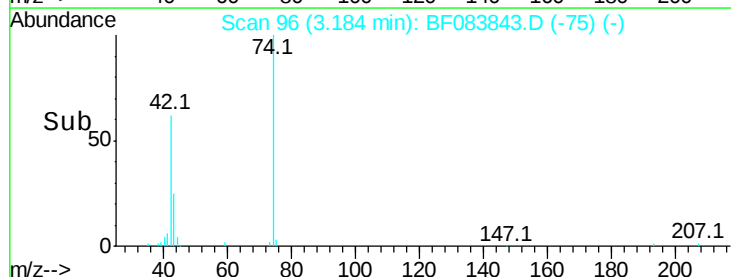
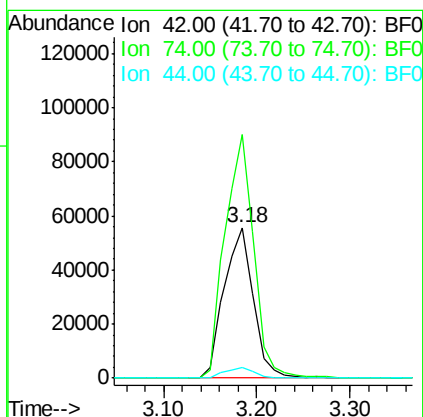
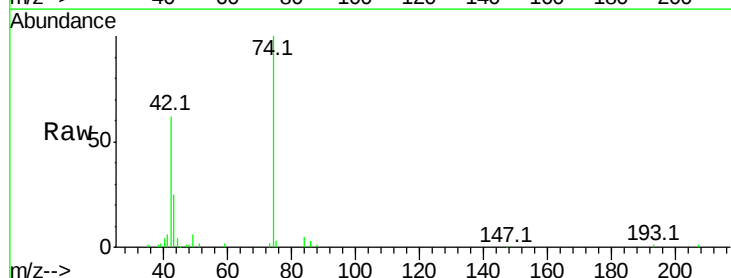
RT: 3.18 min Scan# 96

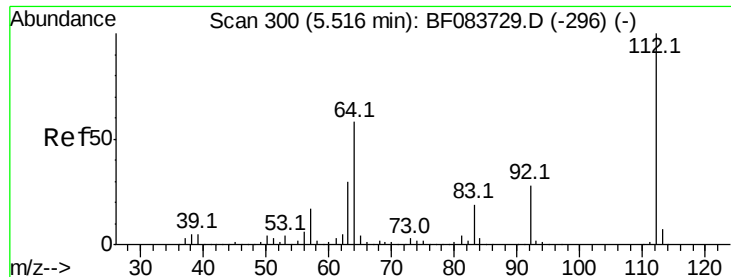
Delta R.T. -0.06 min

Lab File: BF083843.D

Acq: 16 Dec 2015 12:51

Tgt Ion:	42	Resp:	120965
Ion Ratio	Lower	Upper	
42	100		
74	162.0	92.9	139.3#
44	7.0	5.7	8.5





#5

2-Fluorophenol

Concen: 76.22 ng

RT: 5.49 min Scan# 298

Delta R.T. -0.03 min

Lab File: BF083843.D

Acq: 16 Dec 2015 12:51

Instrument :

BNA_F

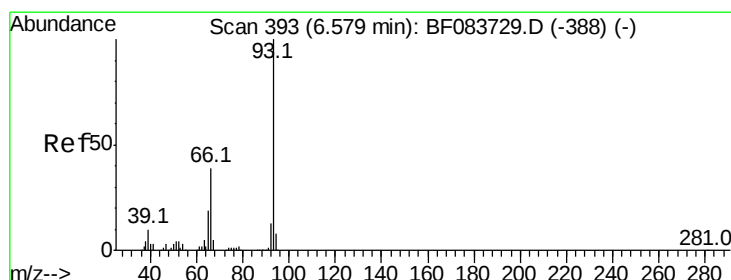
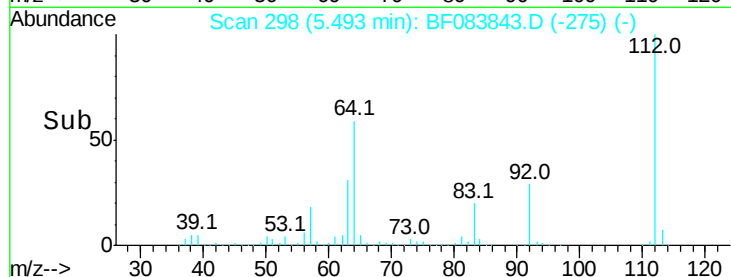
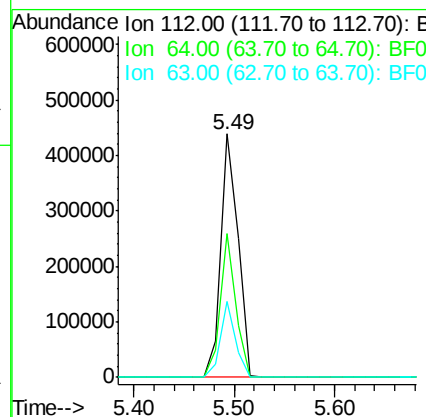
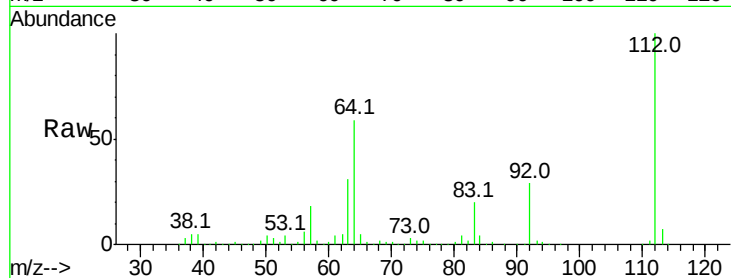
ClientSampleId :

SSTDCCC040

Tot Ion:	112	Resp:	523563
Ion Ratio	Lower	Upper	
112	100		
64	59.1	50.5	75.7
63	31.1	25.8	38.6

Manual Integrations
APPROVED

MMdadoda
12/17/2015 5:34:09 PM



#6

Aniline

Concen: 37.67 ng

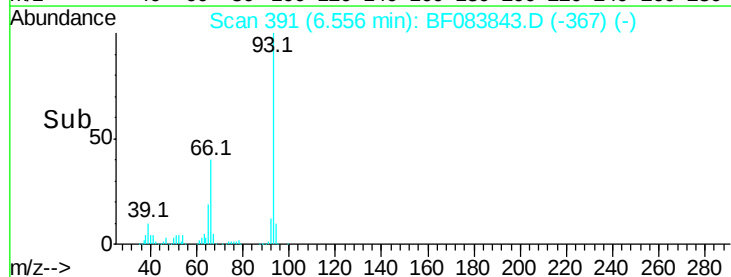
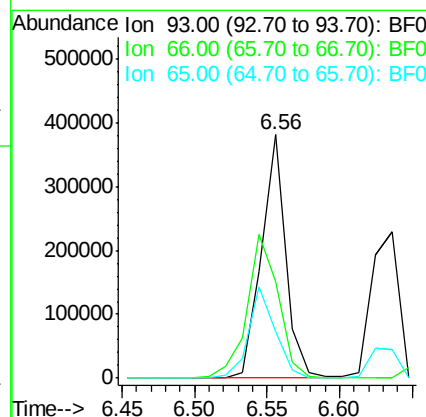
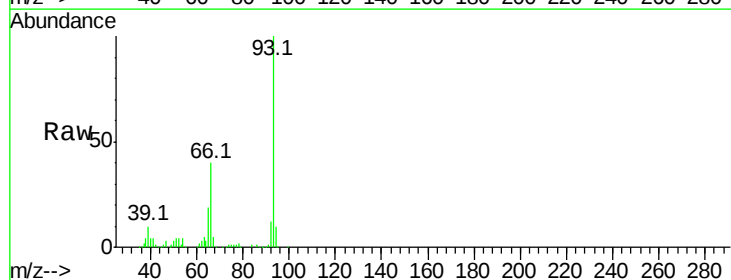
RT: 6.56 min Scan# 391

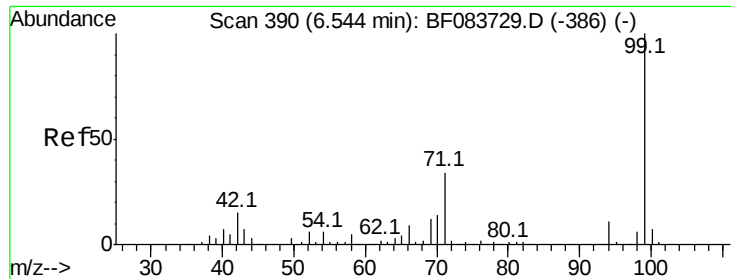
Delta R.T. -0.02 min

Lab File: BF083843.D

Acq: 16 Dec 2015 12:51

Tgt Ion:	93	Resp:	445195
Ion Ratio	Lower	Upper	
93	100		
66	39.7	41.3	61.9#
65	19.0	20.8	31.2#





#7

Phenol-d6

Concen: 78.43 ng

RT: 6.53 min Scan# 389

Delta R.T. -0.01 min

Lab File: BF083843.D

Acq: 16 Dec 2015 12:51

Instrument :

BNA_F

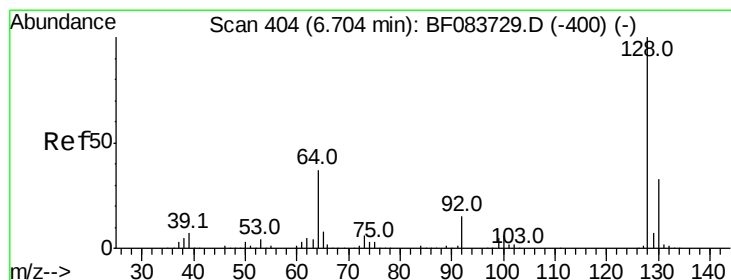
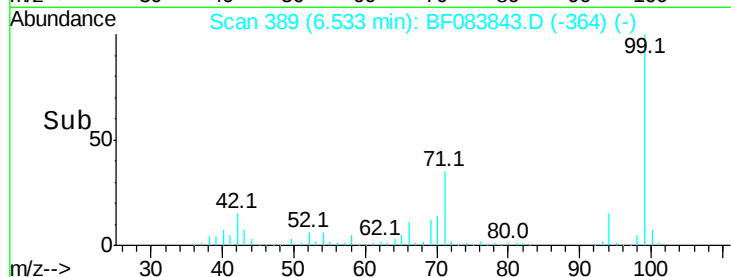
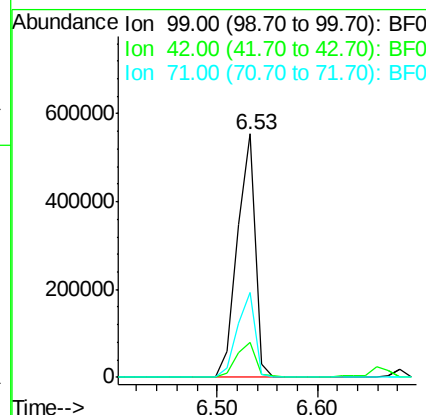
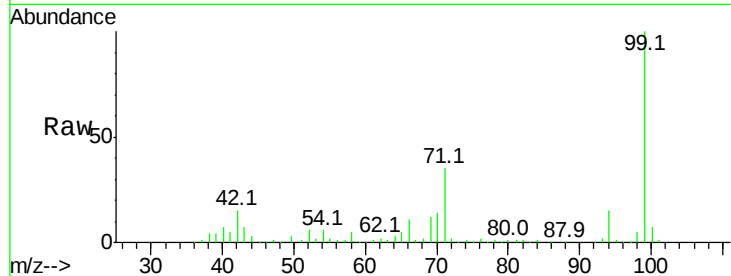
ClientSampleId :

SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
99	100	682244		
42	14.6		17.3	25.9#
71	34.8		26.6	40.0

Manual Integrations
APPROVED

MMdadoda
12/17/2015 5:34:09 PM



#8

2-Chlorophenol

Concen: 41.29 ng

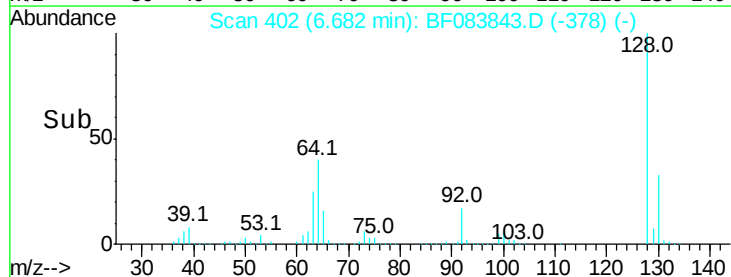
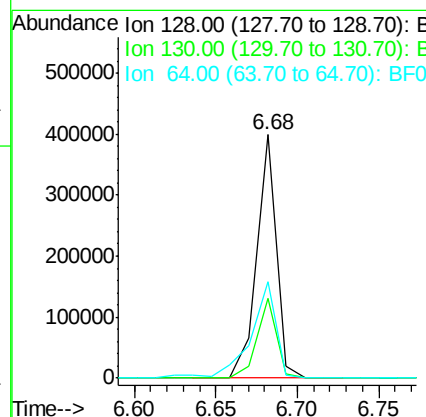
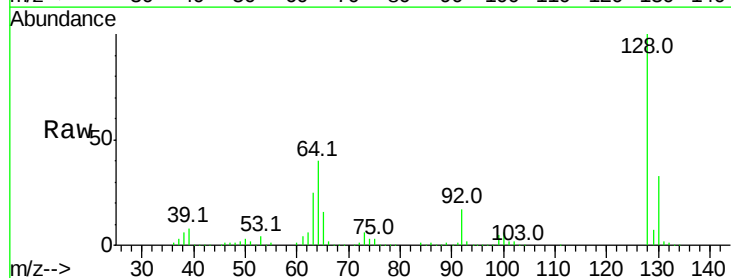
RT: 6.68 min Scan# 402

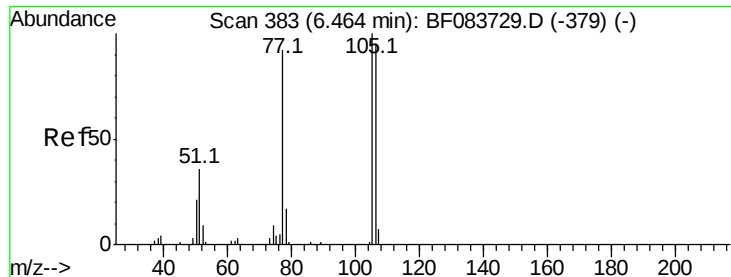
Delta R.T. -0.02 min

Lab File: BF083843.D

Acq: 16 Dec 2015 12:51

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	333276		
130	32.5		12.6	52.6
64	39.8		38.6	78.6





#9

Benzaldehyde

Concen: 39.12 ng

RT: 6.44 min Scan# 381

Delta R.T. -0.02 min

Lab File: BF083843.D

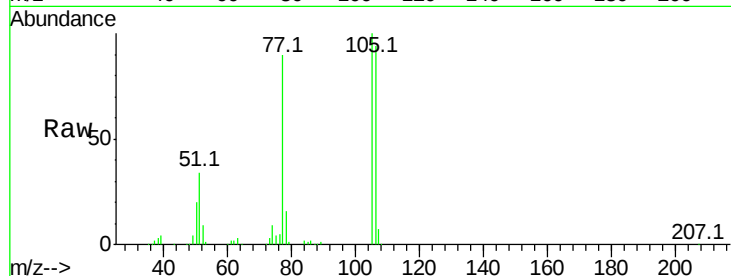
Acq: 16 Dec 2015 12:51

Instrument :

BNA_F

ClientSampleId :

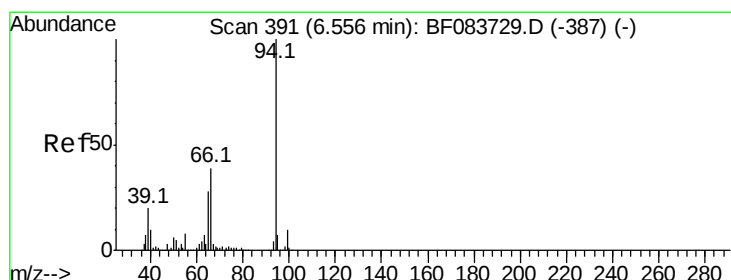
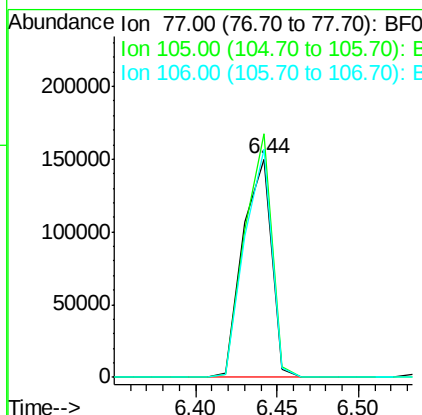
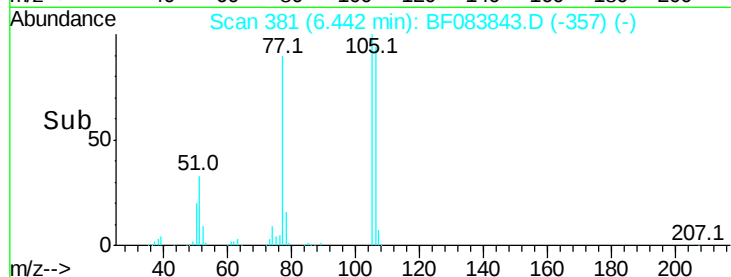
SSTDCCC040



Tot Ion:	77	Resp:	182738
Ion	Ratio	Lower	Upper
77	100		
105	111.4	71.8	111.8
106	104.5	66.8	106.8

Manual Integrations
APPROVED

MMdadoda
12/17/2015 5:34:09 PM



#10

Phenol

Concen: 38.42 ng

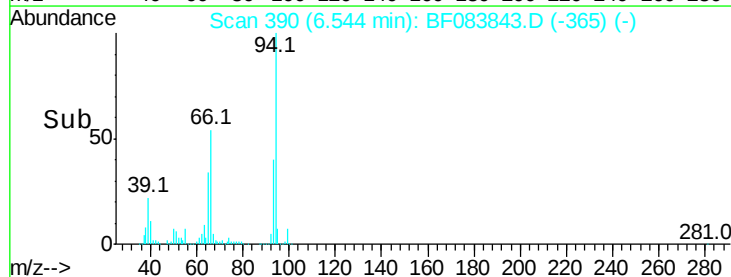
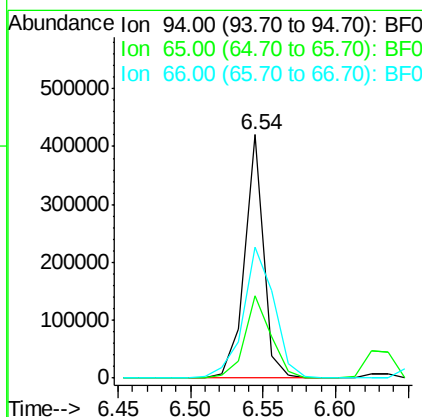
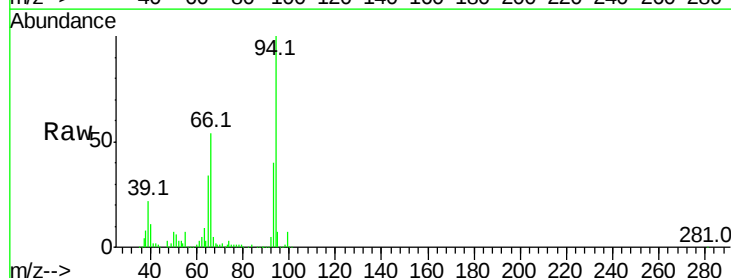
RT: 6.54 min Scan# 390

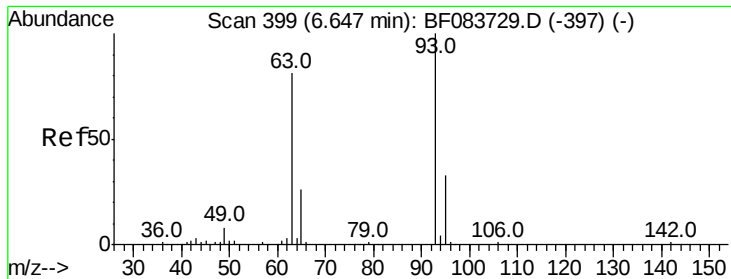
Delta R.T. -0.01 min

Lab File: BF083843.D

Acq: 16 Dec 2015 12:51

Tgt Ion:	94	Resp:	384696
Ion	Ratio	Lower	Upper
94	100		
65	34.0	20.9	60.9
66	53.7	41.6	81.6





#11

bis(2-Chloroethyl)ether

Concen: 40.64 ng

RT: 6.64 min Scan# 398

Delta R.T. -0.02 min

Lab File: BF083843.D

Acq: 16 Dec 2015 12:51

Instrument :

BNA_F

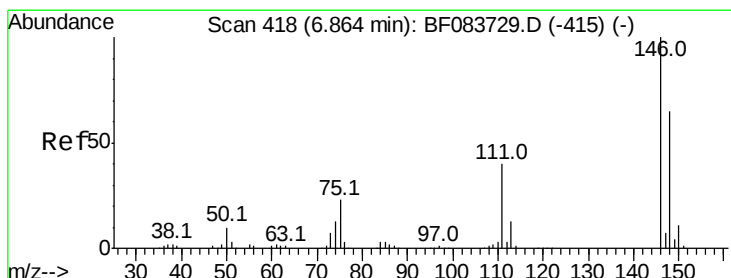
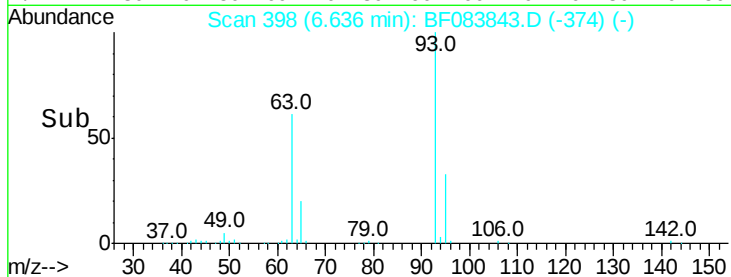
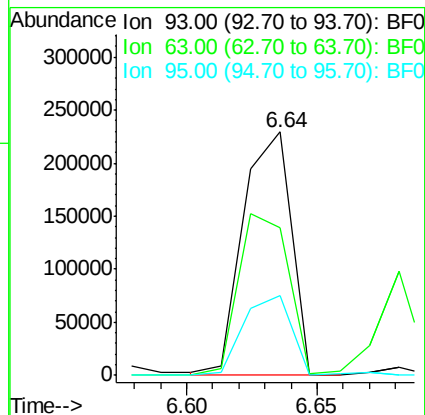
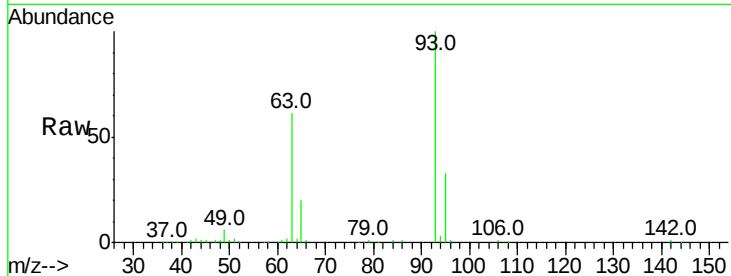
ClientSampleId :

SSTDCCC040

Tot Ion:	93	Resp:	294690
Ion Ratio	Lower	Upper	
93	100		
63	60.7	64.7	104.7#
95	32.9	12.7	52.7

Manual Integrations
APPROVED

MMdadoda
12/17/2015 5:34:09 PM



#12

1,3-Dichlorobenzene

Concen: 39.19 ng m

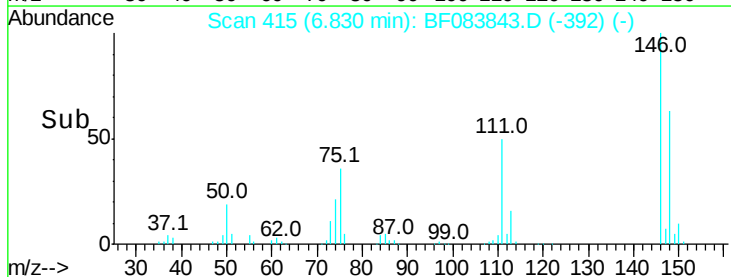
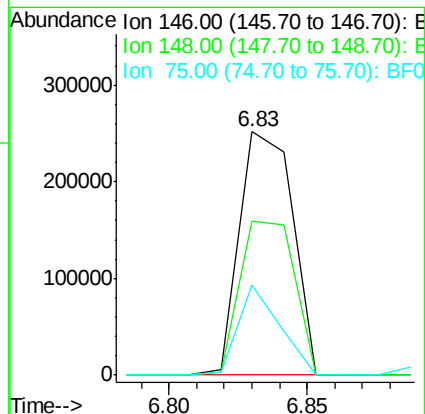
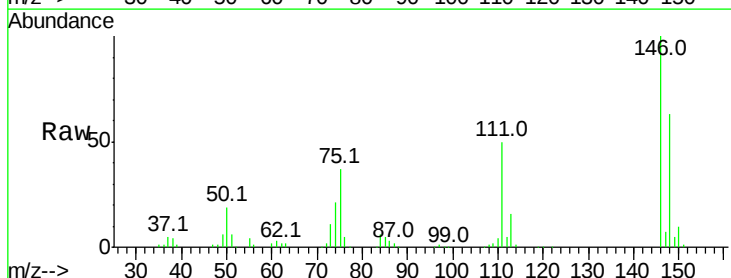
RT: 6.83 min Scan# 415

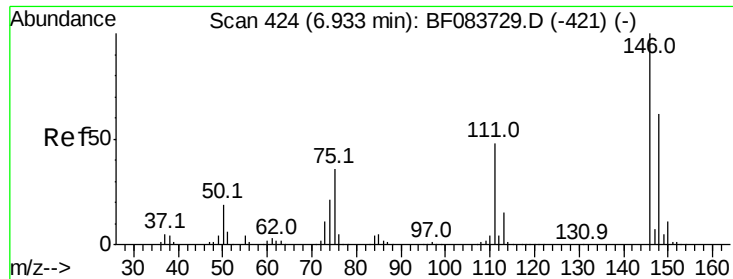
Delta R.T. -0.03 min

Lab File: BF083843.D

Acq: 16 Dec 2015 12:51

Tgt Ion:	146	Resp:	335720
Ion Ratio	Lower	Upper	
146	100		
148	63.2	51.3	76.9
75	36.7	24.1	36.1#





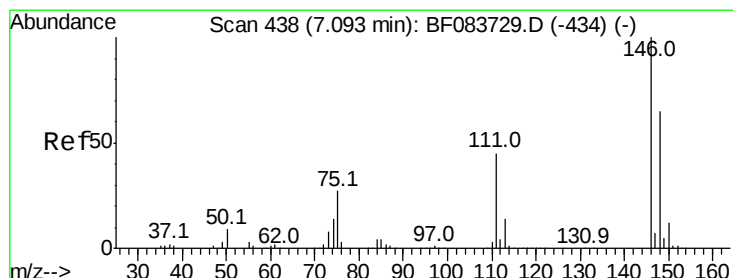
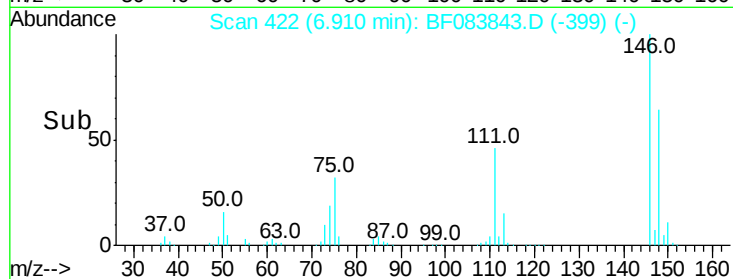
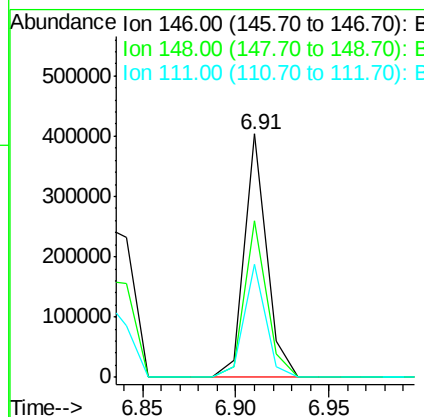
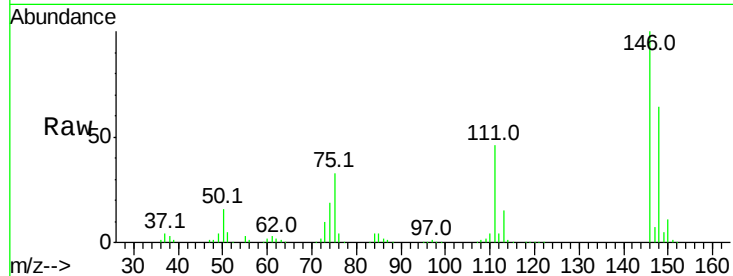
#13
 1,4-Dichlorobenzene
 Concen: 38.93 ng
 RT: 6.91 min Scan# 422
 Delta R.T. -0.03 min
 Lab File: BF083843.D
 Acq: 16 Dec 2015 12:51

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.3	50.6	76.0
111	46.2	36.1	54.1

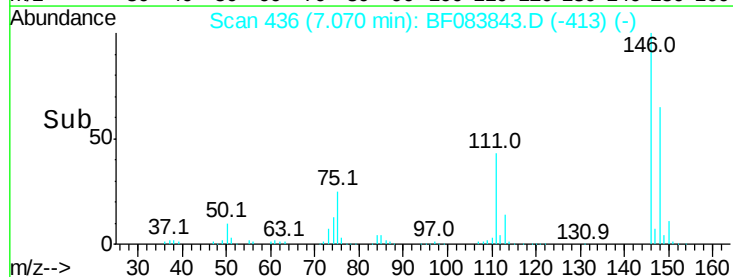
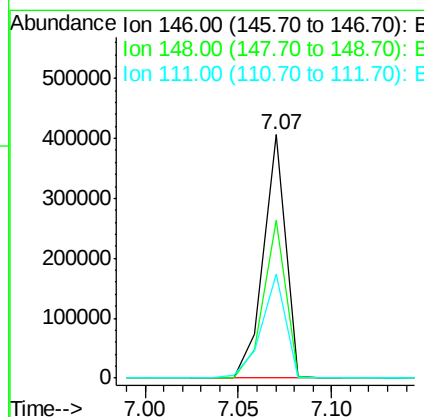
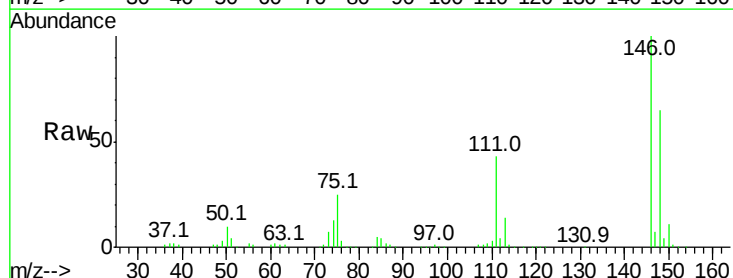
Manual Integrations
 APPROVED

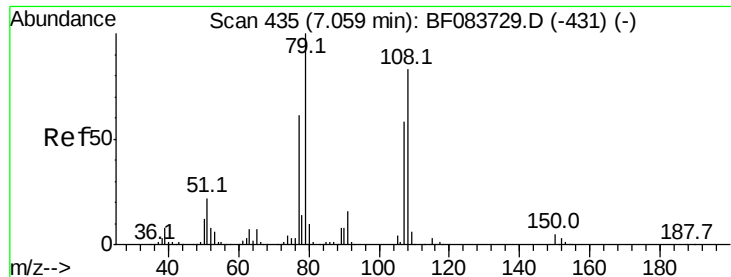
MMdadoda
 12/17/2015 5:34:09 PM



#14
 1,2-Dichlorobenzene
 Concen: 42.78 ng
 RT: 7.07 min Scan# 436
 Delta R.T. -0.03 min
 Lab File: BF083843.D
 Acq: 16 Dec 2015 12:51

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.0	51.4	77.0
111	42.6	36.7	55.1





#15

Benzyl Alcohol

Concen: 38.33 ng

RT: 7.04 min Scan# 433

Delta R.T. -0.02 min

Lab File: BF083843.D

Acq: 16 Dec 2015 12:51

Instrument :

BNA_F

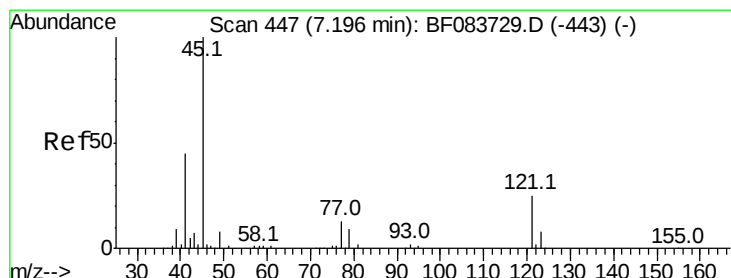
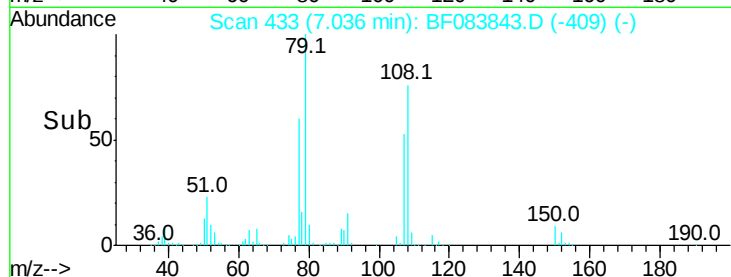
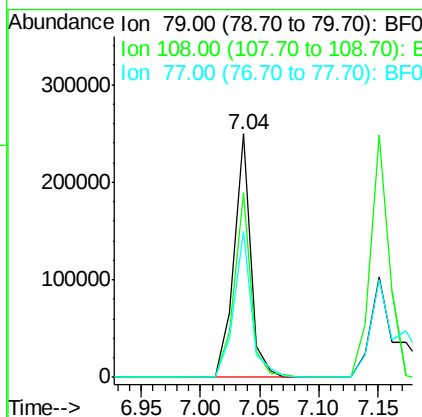
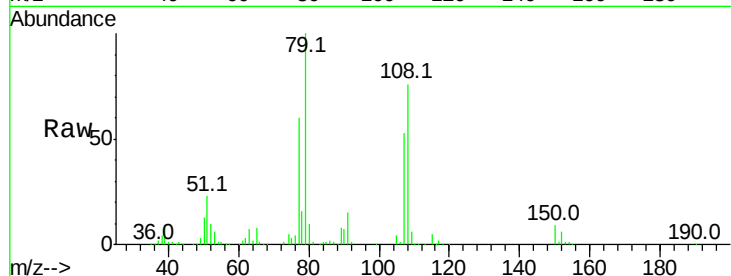
ClientSampleId :

SSTDCCC040

Tot Ion:	79	Resp:	244927
Ion Ratio	Lower	Upper	
79	100		
108	76.0	59.6	89.4
77	60.0	49.8	74.6

Manual Integrations
APPROVED

MMdadoda
12/17/2015 5:34:09 PM



#16

2,2'-oxybis(1-chloropropane)

Concen: 34.48 ng

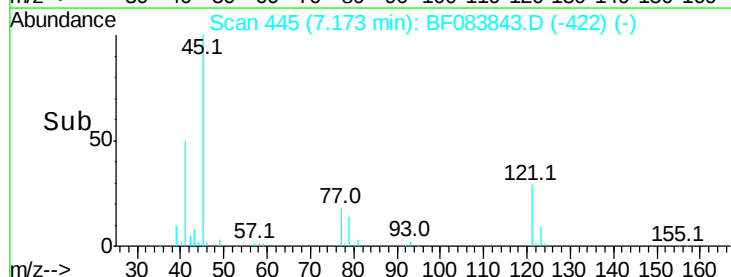
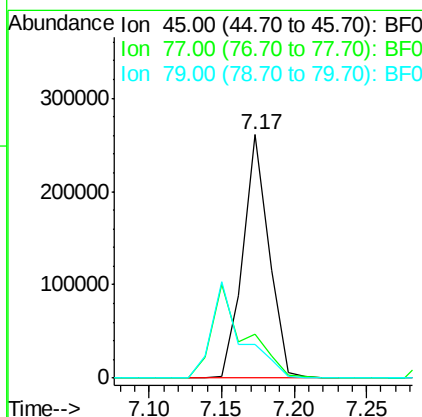
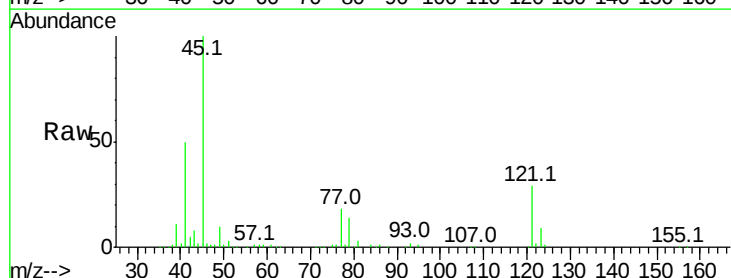
RT: 7.17 min Scan# 445

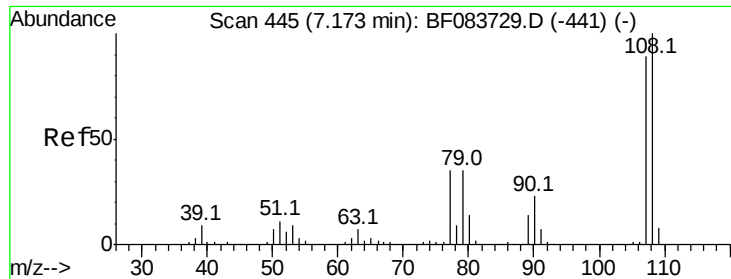
Delta R.T. -0.03 min

Lab File: BF083843.D

Acq: 16 Dec 2015 12:51

Tgt Ion:	45	Resp:	324651
Ion Ratio	Lower	Upper	
45	100		
77	18.1	12.8	52.8
79	13.6	10.7	50.7





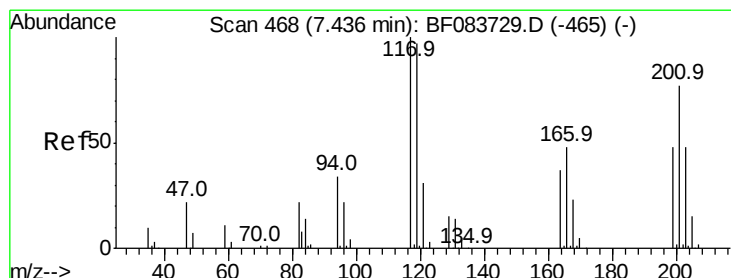
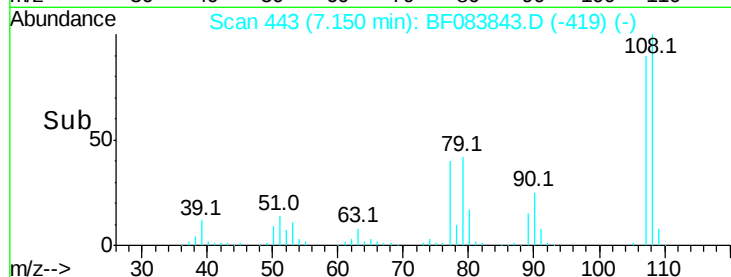
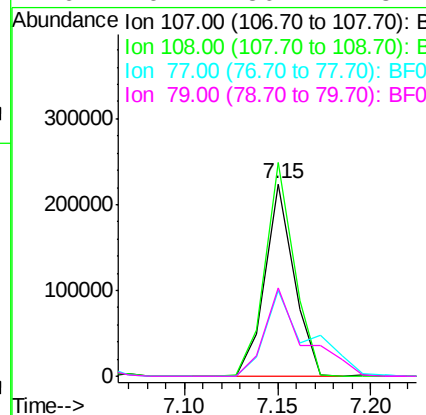
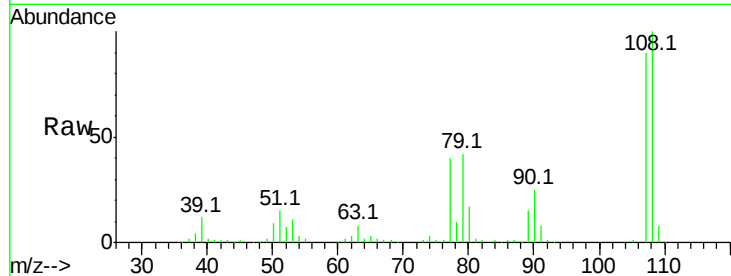
#17
2-Methylphenol
Concen: 37.37 ng
RT: 7.15 min Scan# 443
Delta R.T. -0.02 min
Lab File: BF083843.D
Acq: 16 Dec 2015 12:51

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp Lower	Upper
107	100		
108	110.9	91.6	137.4
77	44.6	53.7	80.5#
79	46.1	50.2	75.4#

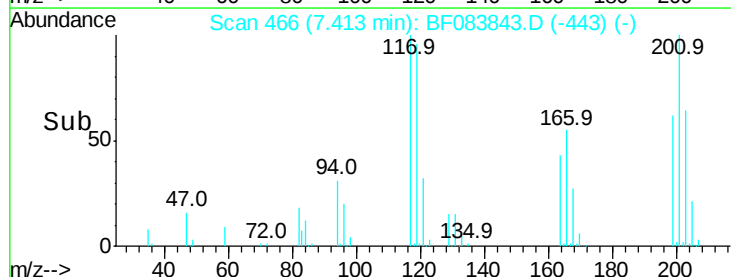
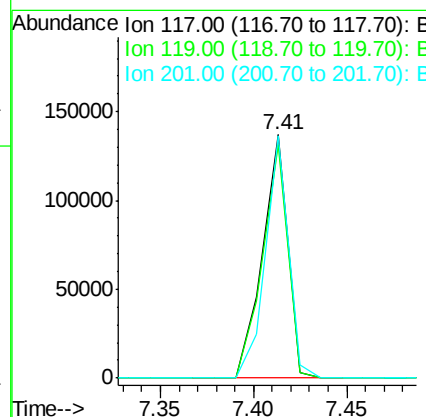
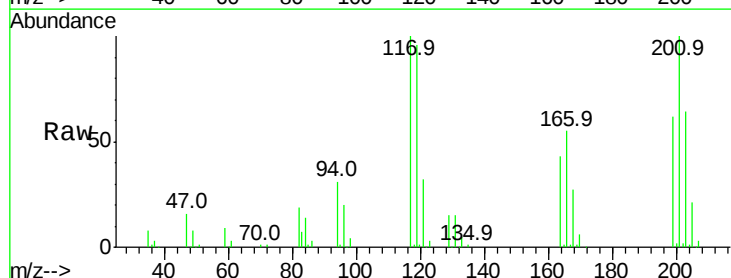
Manual Integrations
APPROVED

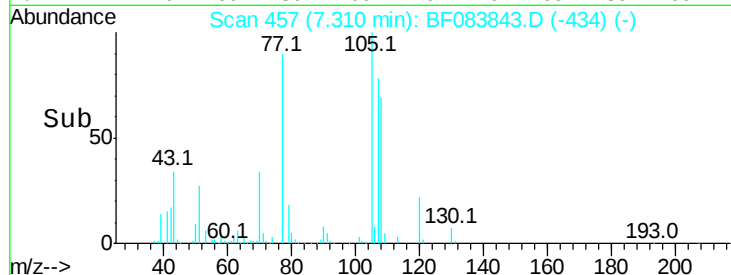
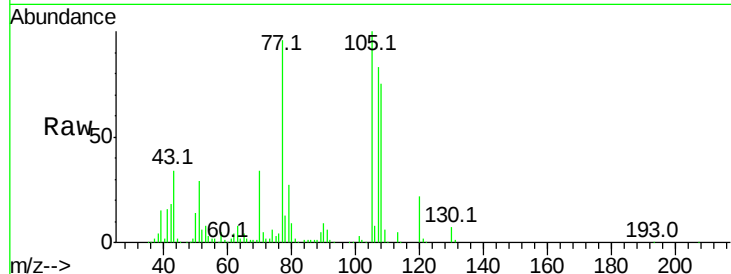
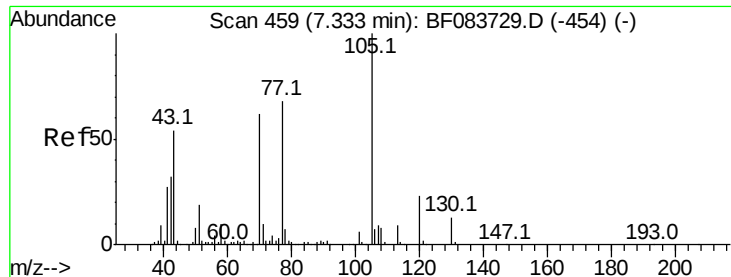
MMdadoda
12/17/2015 5:34:09 PM



#18
Hexachloroethane
Concen: 41.44 ng
RT: 7.41 min Scan# 466
Delta R.T. -0.03 min
Lab File: BF083843.D
Acq: 16 Dec 2015 12:51

Tgt Ion	Ratio	Resp Lower	Upper
117	100		
119	95.8	77.2	115.8
201	99.6	86.8	130.2





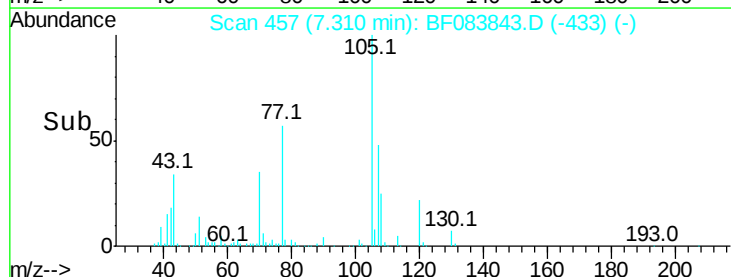
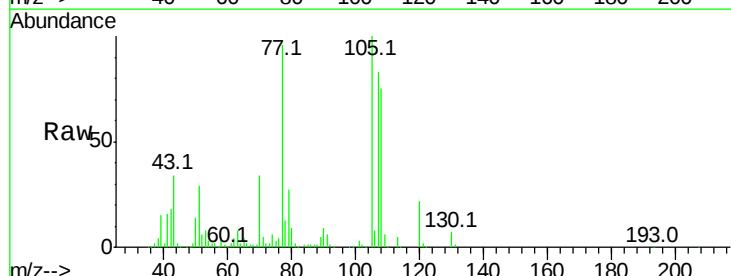
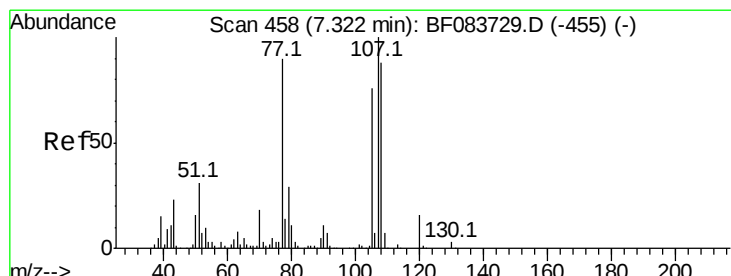
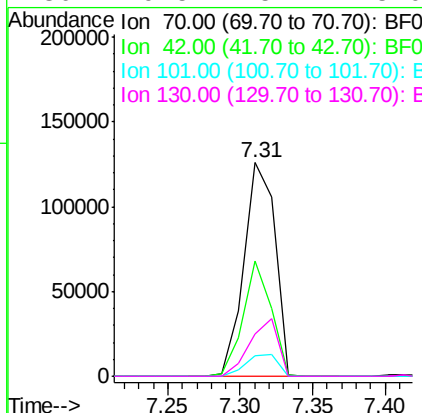
#19
n-Nitroso-di-n-propylamine
Concen: 35.22 ng
RT: 7.31 min Scan# 457
Delta R.T. -0.03 min
Lab File: BF083843.D
Acq: 16 Dec 2015 12:51

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations
APPROVED

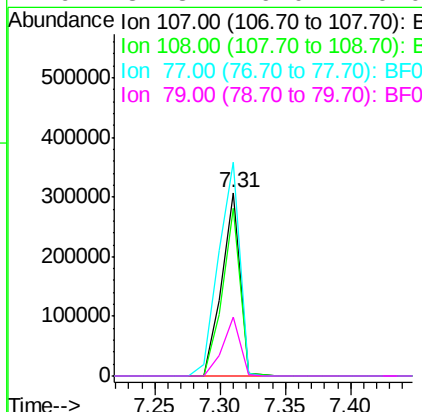
MMdadoda
12/17/2015 5:34:09 PM

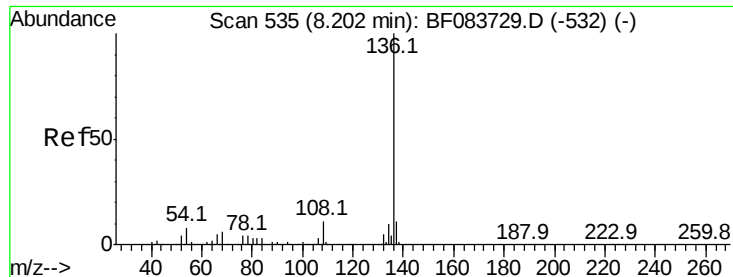
Tot Ion	Ratio	Lower	Upper
70	100		
42	53.8	49.2	73.8
101	9.7	7.1	10.7
130	19.5	15.4	23.0



#20
3+4-Methylphenols
Concen: 39.58 ng
RT: 7.31 min Scan# 457
Delta R.T. -0.02 min
Lab File: BF083843.D
Acq: 16 Dec 2015 12:51

Tgt Ion	Ratio	Lower	Upper
107	100		
108	91.4	65.2	105.2
77	116.4	15.2	55.2#
79	32.3	6.0	46.0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.18 min Scan# 533

Delta R.T. -0.03 min

Lab File: BF083843.D

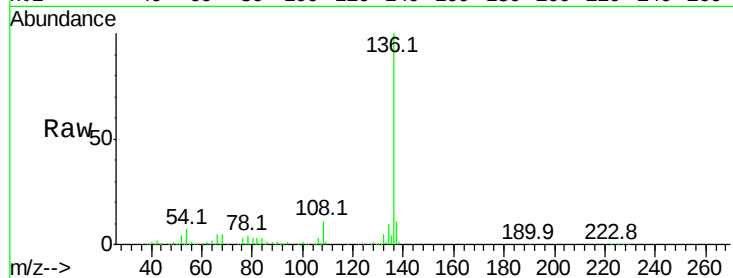
Acq: 16 Dec 2015 12:51

Instrument :

BNA_F

ClientSampleId :

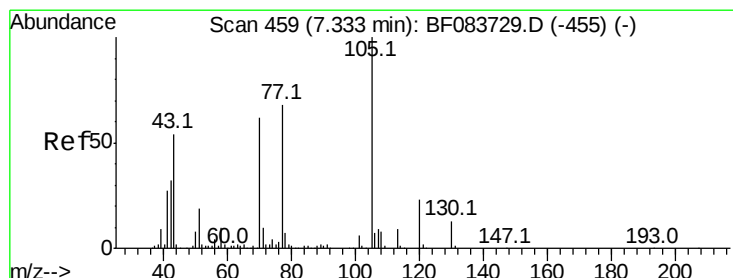
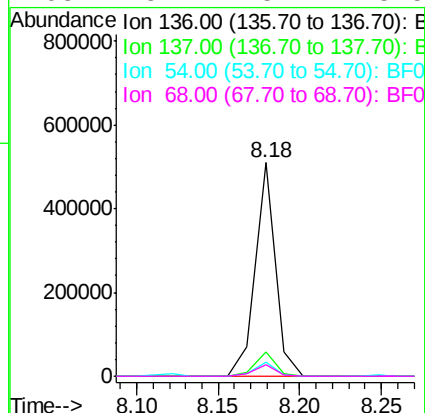
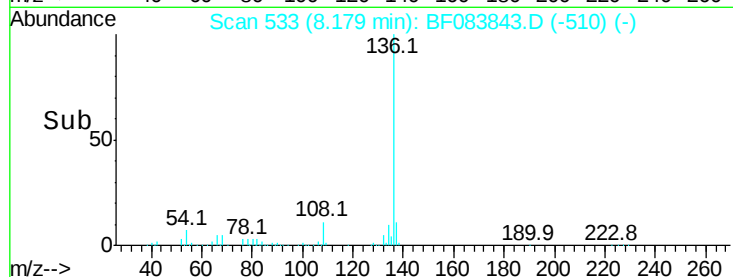
SSTDCCC040



Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	11.4	8.7	13.1	
54	6.7	7.8	11.6	
68	5.4	5.7	8.5	

Manual Integrations
APPROVED

MMdadoda
12/17/2015 5:34:09 PM



#22

Acetophenone

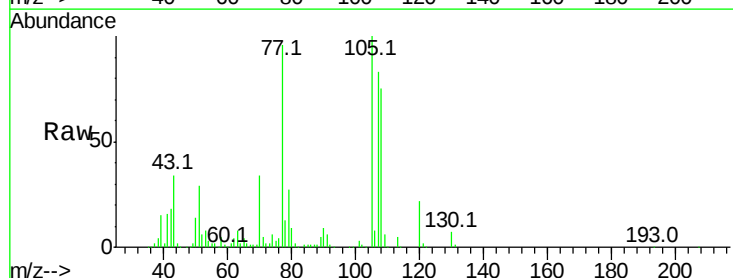
Concen: 39.07 ng

RT: 7.31 min Scan# 457

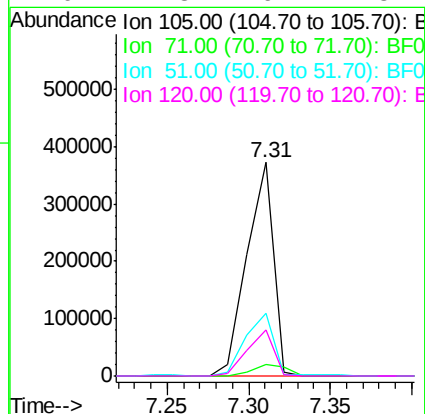
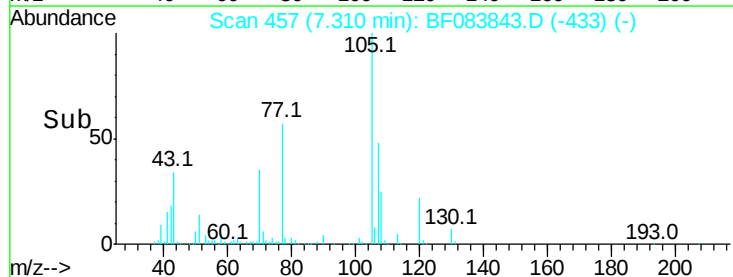
Delta R.T. -0.02 min

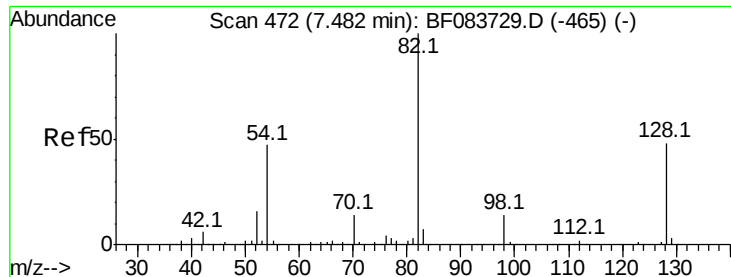
Lab File: BF083843.D

Acq: 16 Dec 2015 12:51



Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	5.4	1.3	1.9	
51	29.4	23.8	35.8	
120	21.8	16.7	25.1	





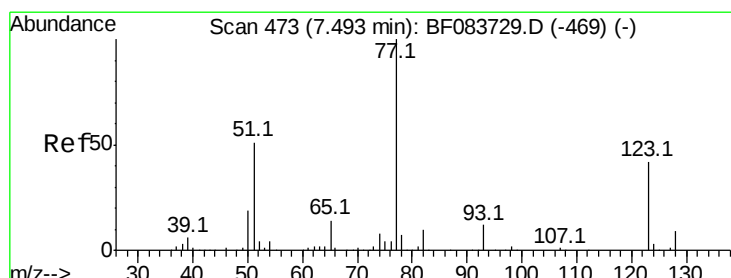
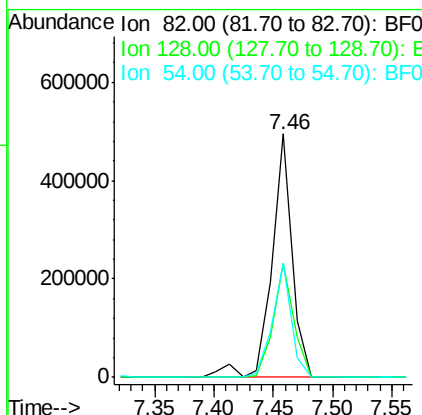
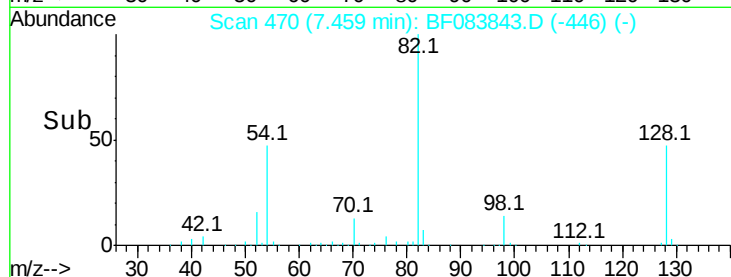
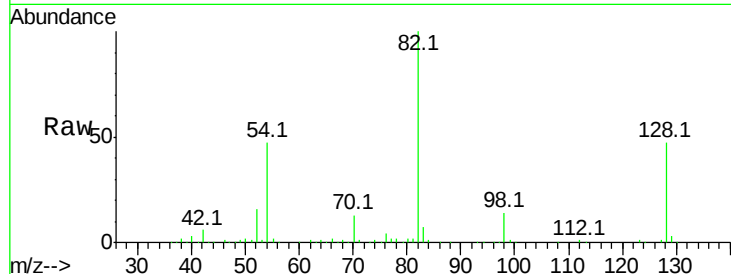
#23
Nitrobenzene-d5
Concen: 74.70 ng
RT: 7.46 min Scan# 470
Delta R.T. -0.02 min
Lab File: BF083843.D
Acq: 16 Dec 2015 12:51

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	46.9	30.7	46.1#	
54	46.8	42.5	63.7	

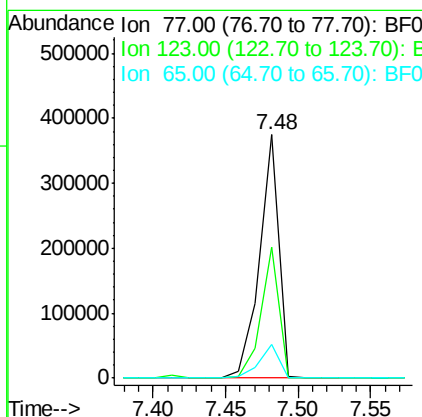
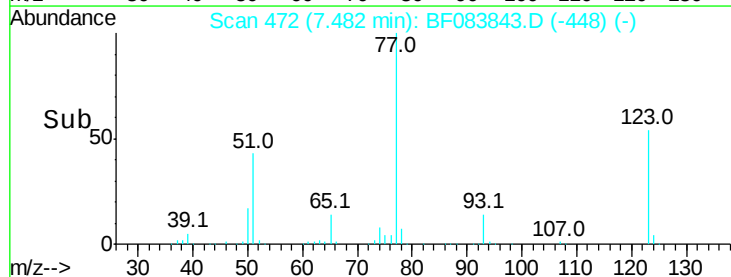
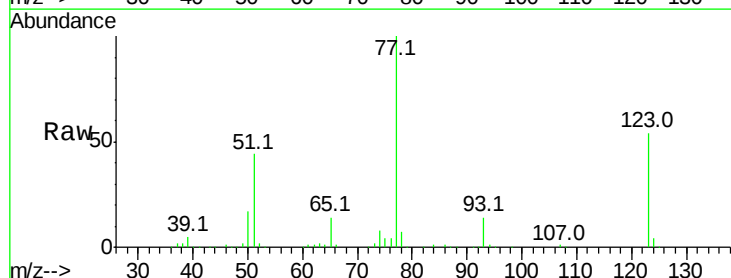
Manual Integrations
APPROVED

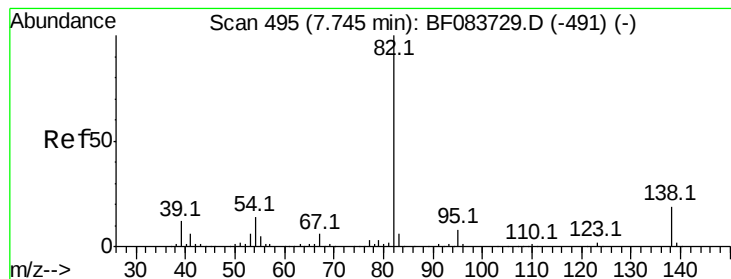
MMdadoda
12/17/2015 5:34:09 PM



#24
Nitrobenzene
Concen: 42.31 ng
RT: 7.48 min Scan# 472
Delta R.T. -0.02 min
Lab File: BF083843.D
Acq: 16 Dec 2015 12:51

Tgt Ion	Ratio	Resp	Lower	Upper
77	100			
123	53.6	29.8	44.6#	
65	13.6	11.1	16.7	





#25

Isophorone

Concen: 38.33 ng

RT: 7.72 min Scan# 493

Delta R.T. -0.02 min

Lab File: BF083843.D

Acq: 16 Dec 2015 12:51

Instrument :

BNA_F

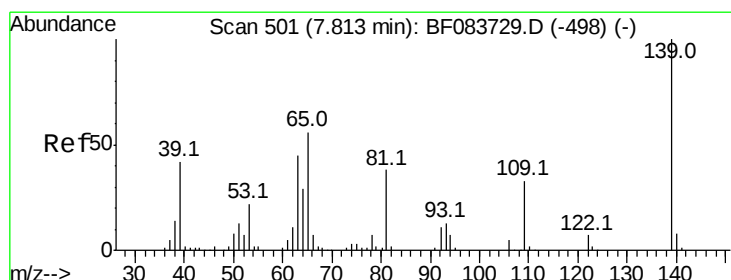
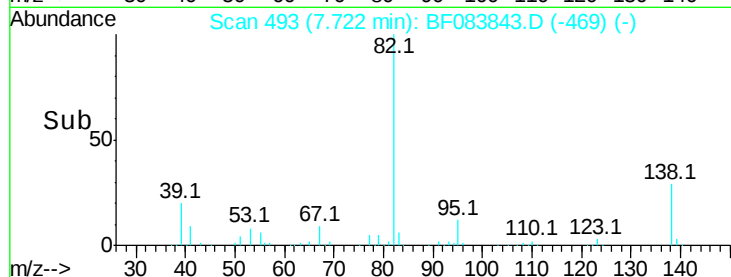
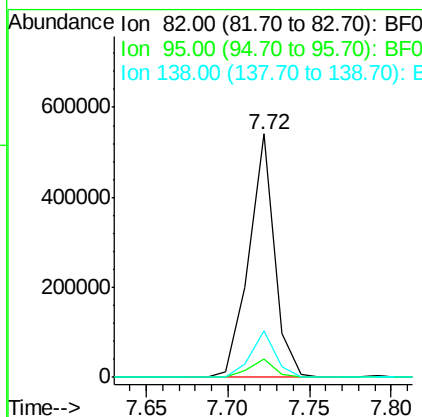
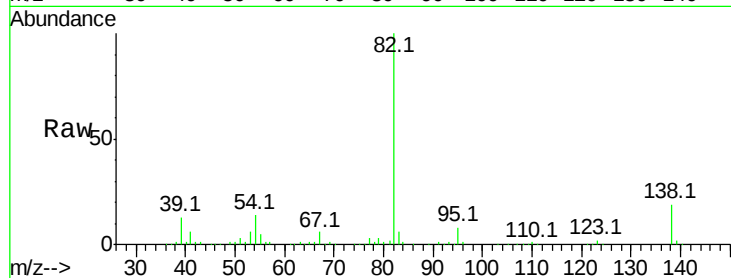
ClientSampleId :

SSTDCCC040

Tot Ion:	82	Resp:	590005
Ion Ratio	Lower	Upper	
82	100		
95	7.8	5.0	7.4#
138	18.9	12.1	18.1#

Manual Integrations
APPROVED

MMdadoda
12/17/2015 5:34:09 PM



#26

2-Nitrophenol

Concen: 39.82 ng

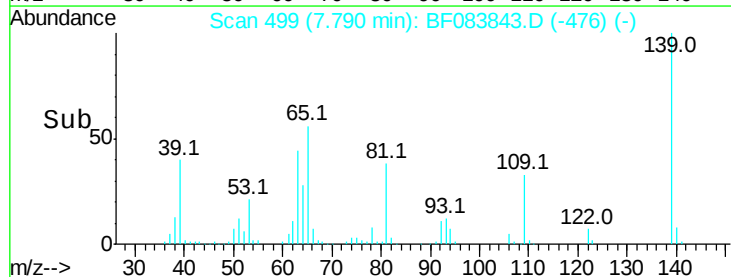
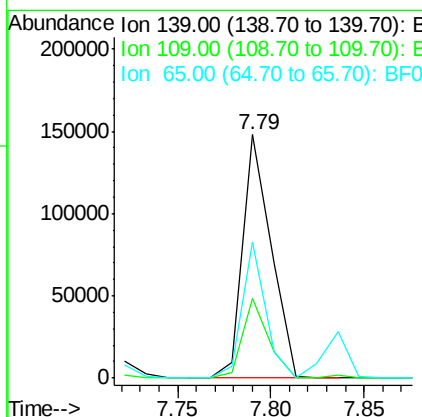
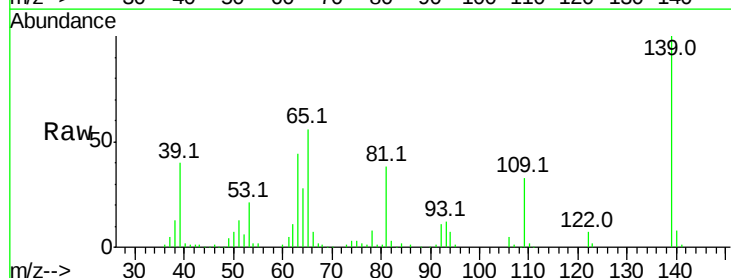
RT: 7.79 min Scan# 499

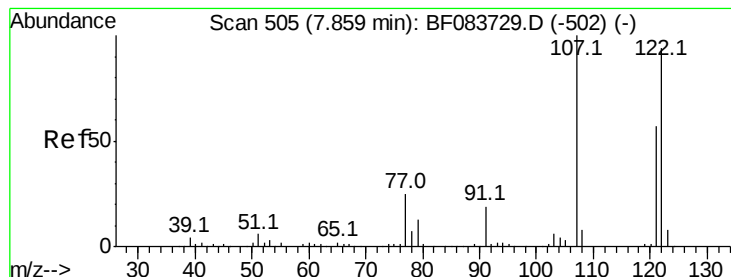
Delta R.T. -0.03 min

Lab File: BF083843.D

Acq: 16 Dec 2015 12:51

Tgt Ion:	139	Resp:	156209
Ion Ratio	Lower	Upper	
139	100		
109	32.7	22.7	34.1
65	56.1	51.8	77.8





#27

2,4-Dimethylphenol

Concen: 37.43 ng

RT: 7.84 min Scan# 503

Delta R.T. -0.02 min

Lab File: BF083843.D

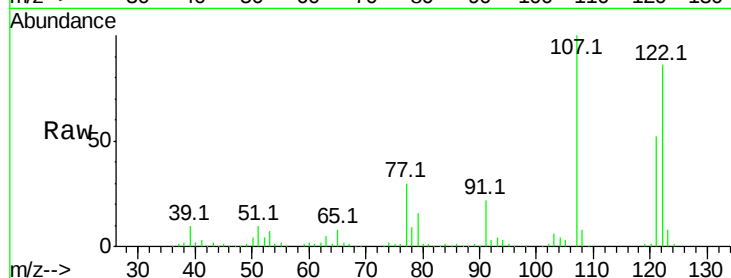
Acq: 16 Dec 2015 12:51

Instrument :

BNA_F

ClientSampleId :

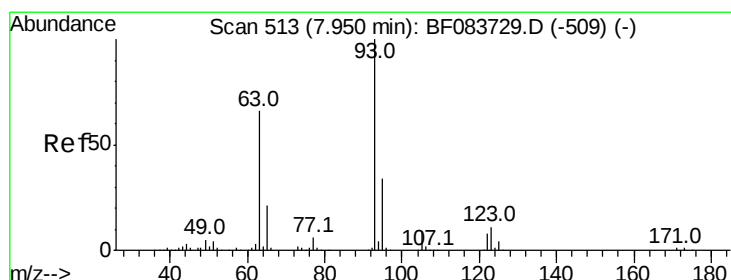
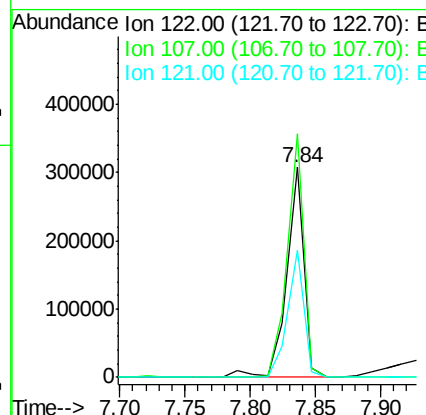
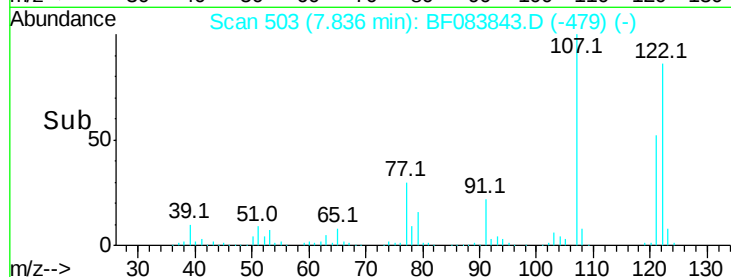
SSTDCCC040



Tot Ion	Ratio	Resp	Lower	Upper
122	100	288505		
107	115.9	92.4	138.6	
121	60.2	45.8	68.6	

Manual Integrations
APPROVED

MMdadoda
12/17/2015 5:34:09 PM



#28

bis(2-Chloroethoxy)methane

Concen: 36.38 ng

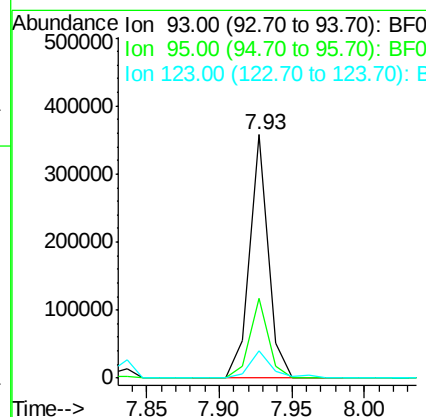
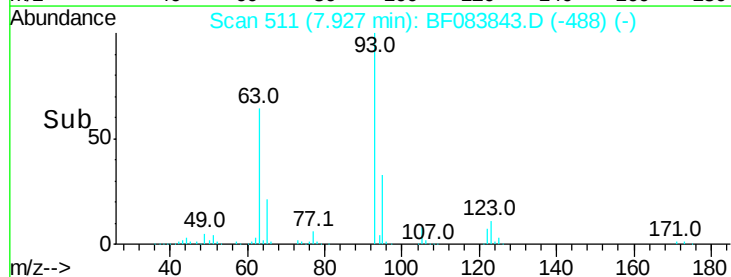
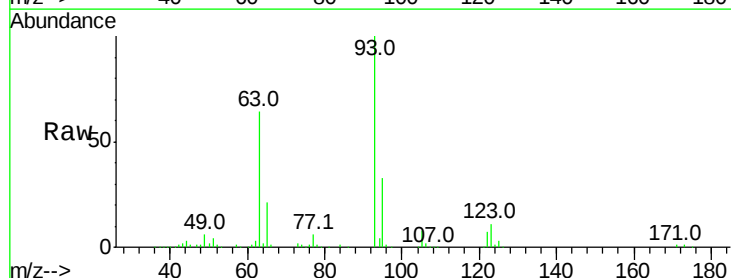
RT: 7.93 min Scan# 511

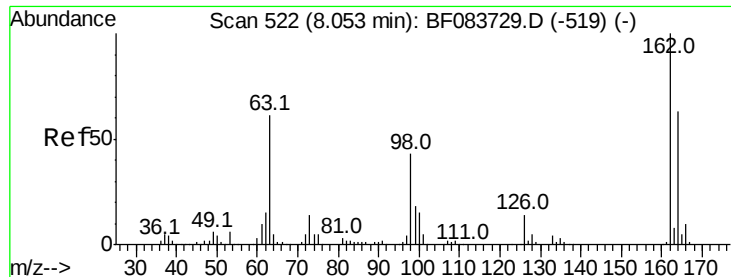
Delta R.T. -0.03 min

Lab File: BF083843.D

Acq: 16 Dec 2015 12:51

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	319540		
95	32.6	25.6	38.4	
123	11.4	7.3	10.9	





#29

2,4-Dichlorophenol

Concen: 42.04 ng

RT: 8.04 min Scan# 521

Delta R.T. -0.02 min

Lab File: BF083843.D

Acq: 16 Dec 2015 12:51

Instrument :

BNA_F

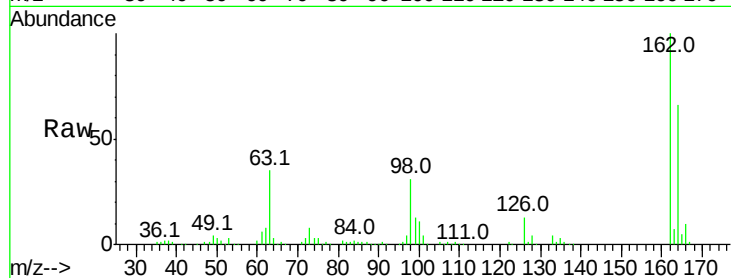
ClientSampleId :

SSTDCCC040

Tot Ion:	162	Resp:	266017
Ion Ratio	Lower	Upper	
162	100		
164	66.2	43.4	83.4
98	30.8	17.5	57.5

Manual Integrations
APPROVED

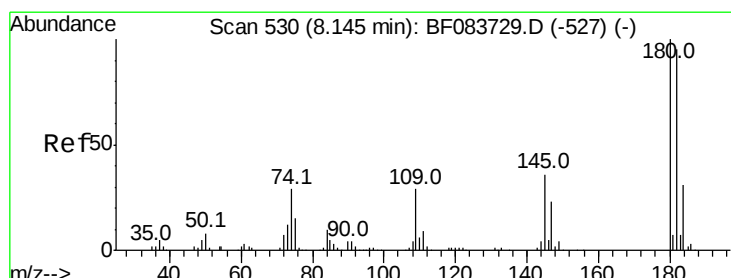
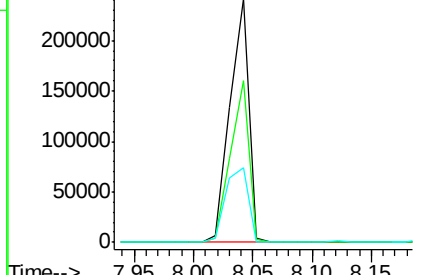
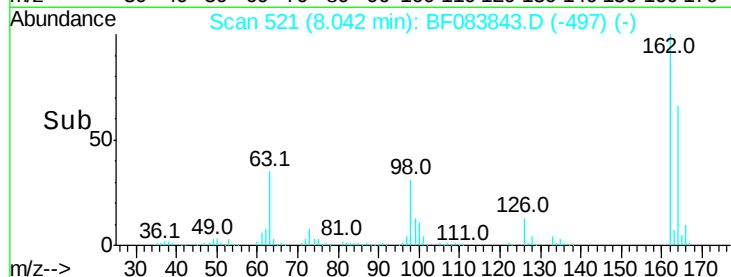
MMdadoda
12/17/2015 5:34:09 PM



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: 40.37 ng

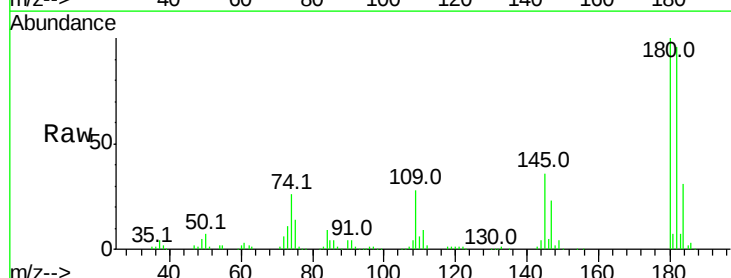
RT: 8.12 min Scan# 528

Delta R.T. -0.03 min

Lab File: BF083843.D

Acq: 16 Dec 2015 12:51

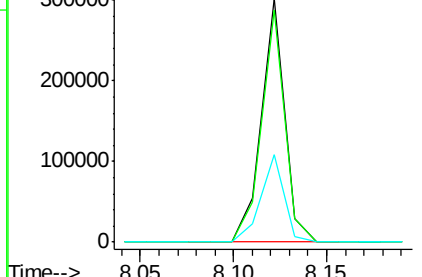
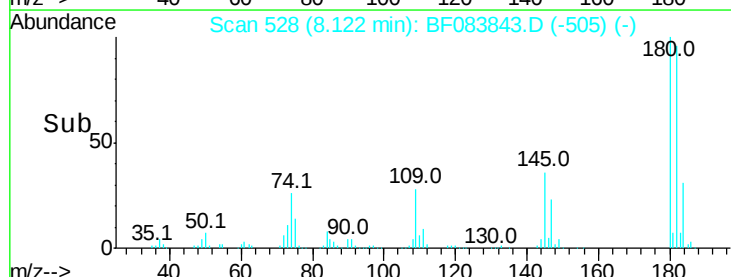
Tgt Ion:	180	Resp:	264961
Ion Ratio	Lower	Upper	
180	100		
182	95.6	74.9	112.3
145	35.8	24.7	37.1

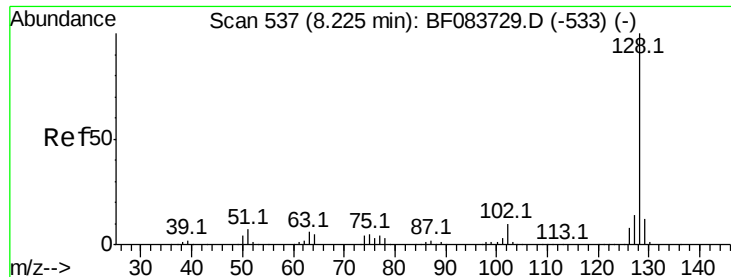


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





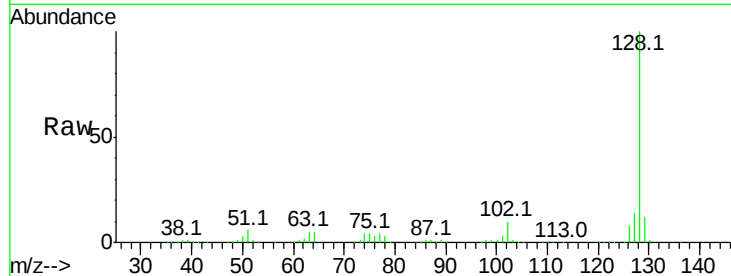
#31
Naphthalene
Concen: 39.13 ng
RT: 8.20 min Scan# 535
Delta R.T. -0.03 min
Lab File: BF083843.D
Acq: 16 Dec 2015 12:51

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

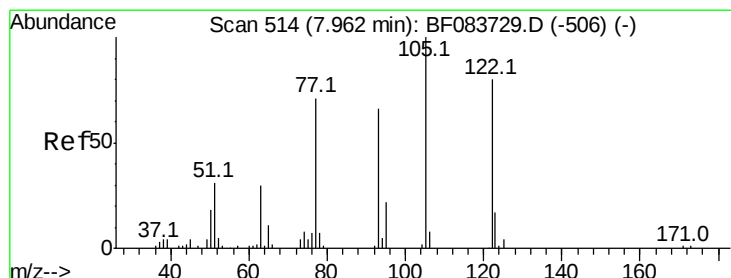
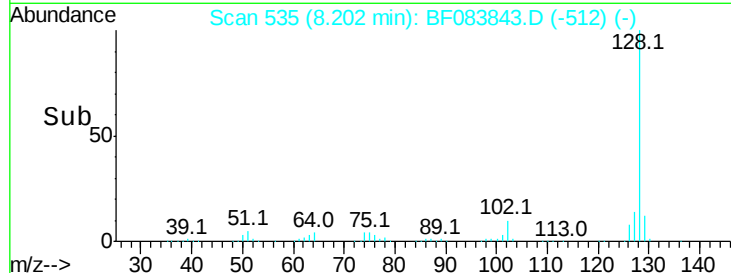
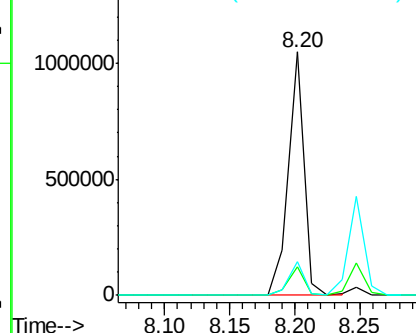
Tot Ion	Ratio	Resp	Lower	Upper
128	100			
129	11.7	8.6	13.0	
127	13.9	10.6	16.0	

Manual Integrations
APPROVED

MMdadoda
12/17/2015 5:34:09 PM

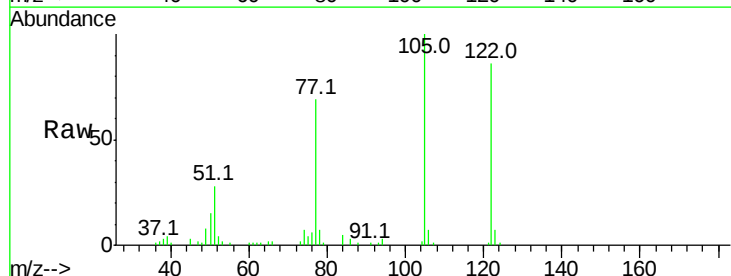


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

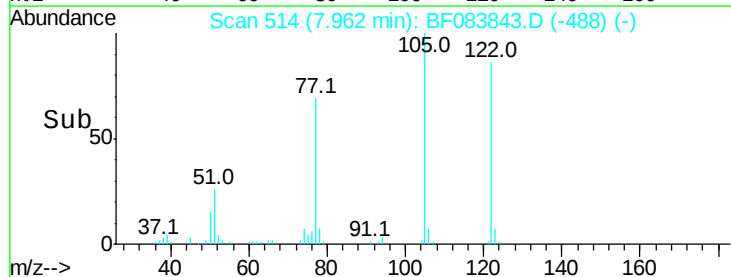
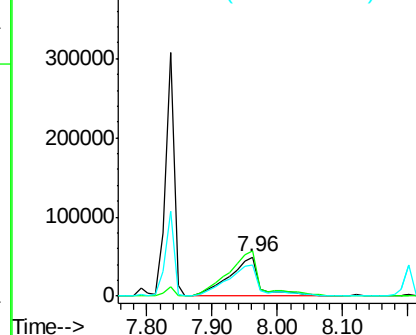


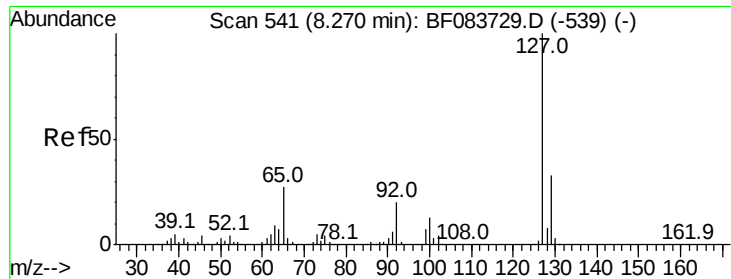
#32
Benzoic acid
Concen: 32.81 ng
RT: 7.96 min Scan# 514
Delta R.T. 0.00 min
Lab File: BF083843.D
Acq: 16 Dec 2015 12:51

Tgt Ion	Ratio	Resp	Lower	Upper
122	100			
105	116.4	105.6	145.6	
77	79.8	86.8	126.8#	



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





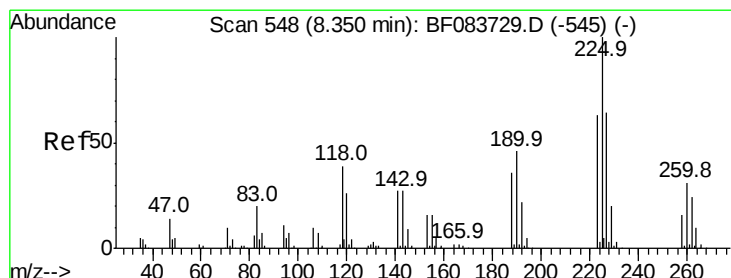
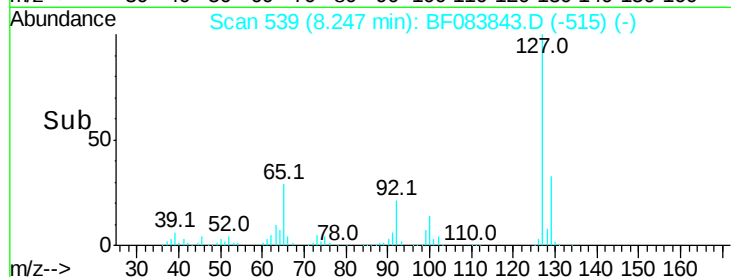
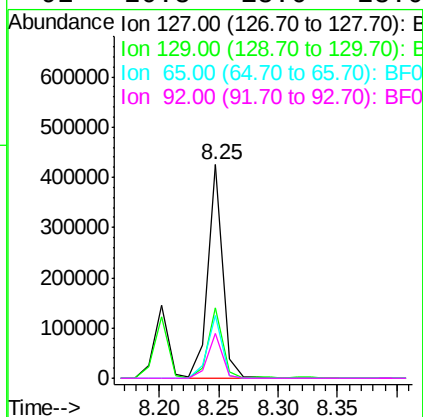
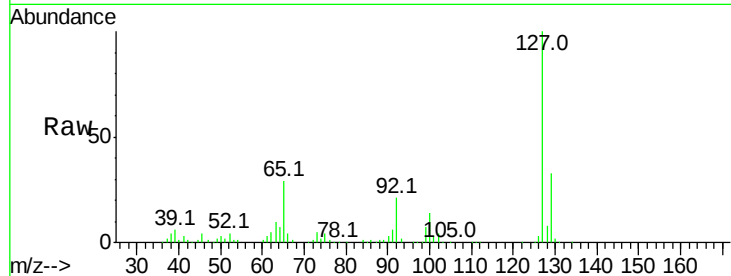
#33
4-Chloroaniline
Concen: 39.47 ng
RT: 8.25 min Scan# 539
Delta R.T. -0.02 min
Lab File: BF083843.D
Acq: 16 Dec 2015 12:51

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	33.1	26.1	39.1		
65	29.3	33.5	50.3		
92	20.8	18.6	28.0		

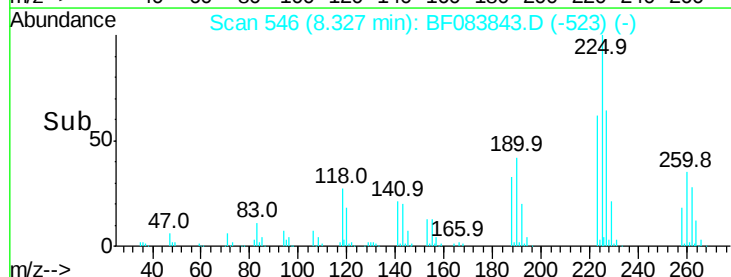
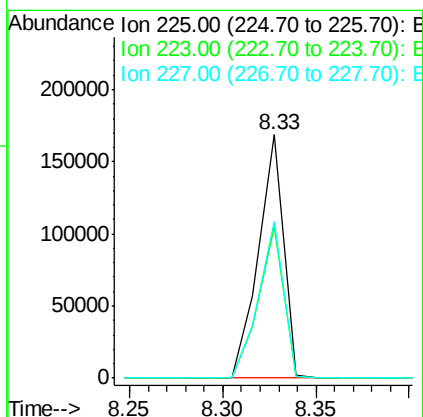
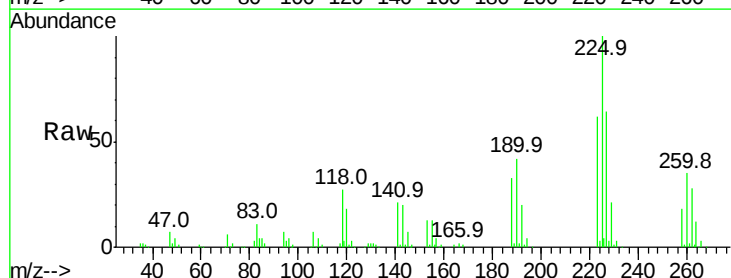
Manual Integrations
APPROVED

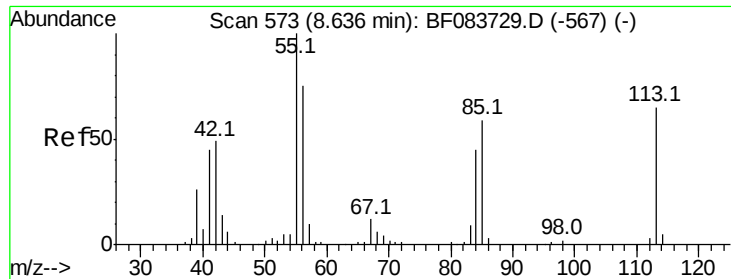
MMdadoda
12/17/2015 5:34:09 PM



#34
Hexachlorobutadiene
Concen: 43.45 ng
RT: 8.33 min Scan# 546
Delta R.T. -0.03 min
Lab File: BF083843.D
Acq: 16 Dec 2015 12:51

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	62.5	52.3	78.5		
227	64.5	50.4	75.6		





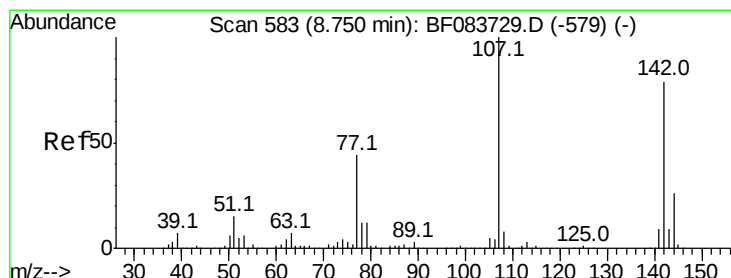
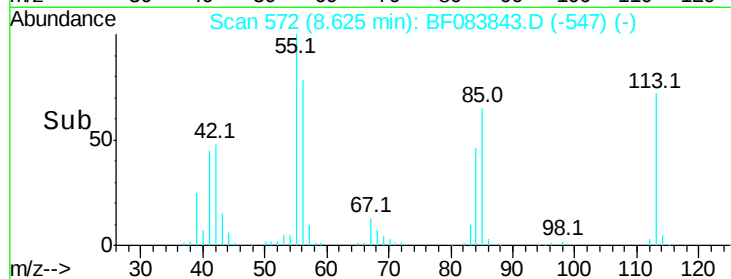
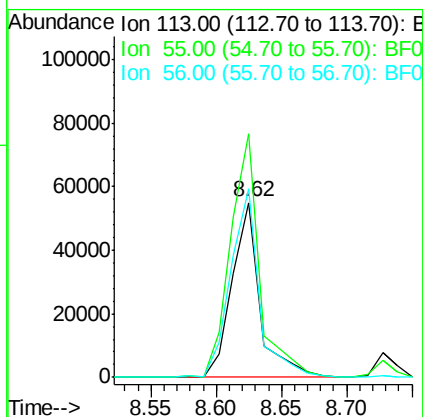
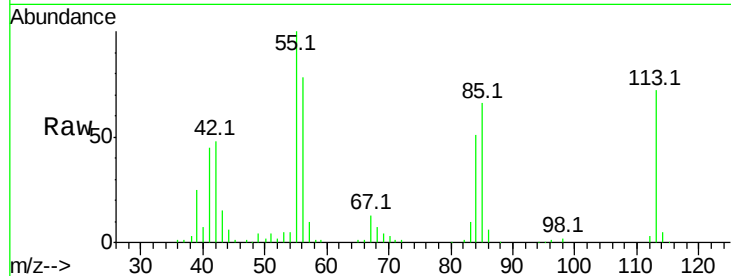
#35
 Caprolactam
 Concen: 39.74 ng
 RT: 8.62 min Scan# 572
 Delta R.T. -0.01 min
 Lab File: BF083843.D
 Acq: 16 Dec 2015 12:51

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
113	100		
55	139.2	189.7	229.7#
56	107.9	130.7	170.7#

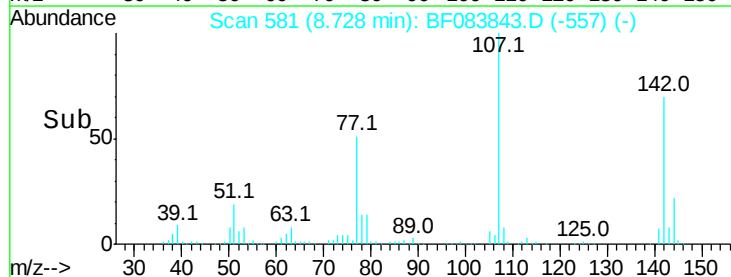
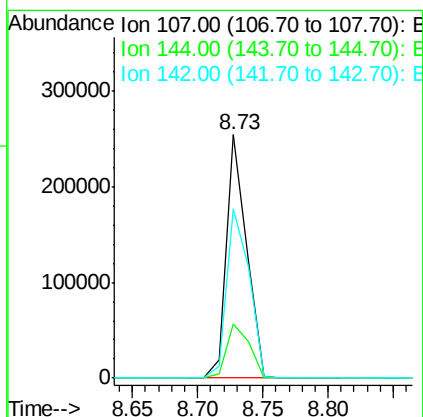
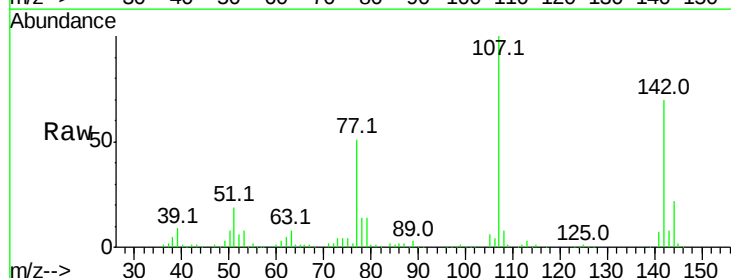
Manual Integrations
 APPROVED

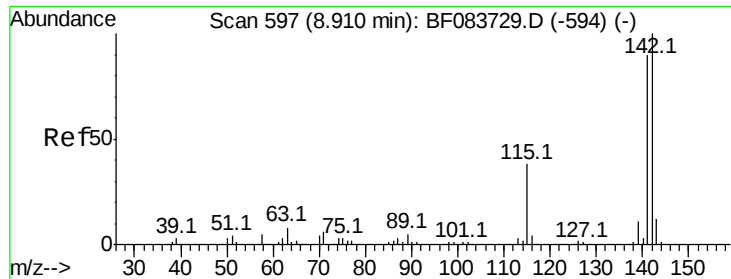
MMdadoda
 12/17/2015 5:34:09 PM



#36
 4-Chloro-3-methylphenol
 Concen: 37.03 ng
 RT: 8.73 min Scan# 581
 Delta R.T. -0.02 min
 Lab File: BF083843.D
 Acq: 16 Dec 2015 12:51

Tgt Ion	Ratio	Lower	Upper
107	100		
144	22.4	17.5	26.3
142	69.7	53.6	80.4





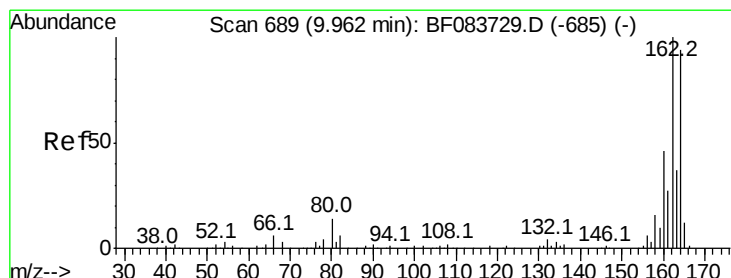
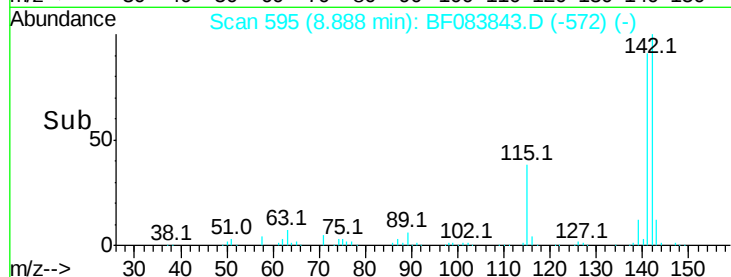
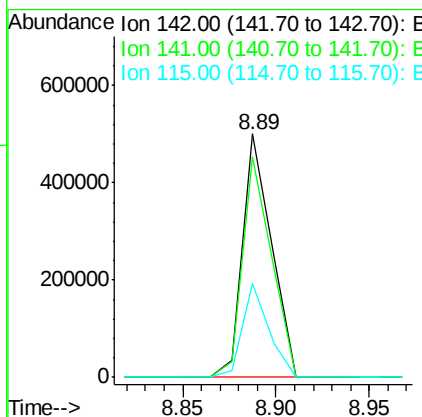
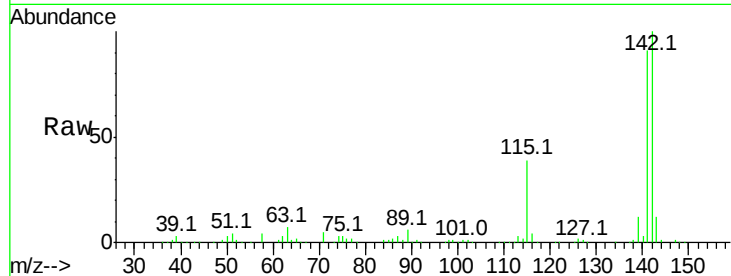
#37
2-Methylnaphthalene
Concen: 37.48 ng
RT: 8.89 min Scan# 595
Delta R.T. -0.03 min
Lab File: BF083843.D
Acq: 16 Dec 2015 12:51

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
142	100		
141	90.7	70.3	105.5
115	38.5	29.2	43.8

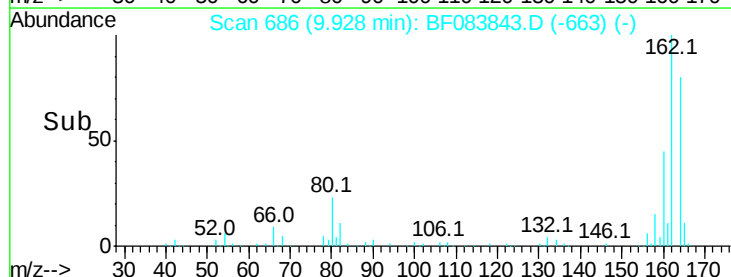
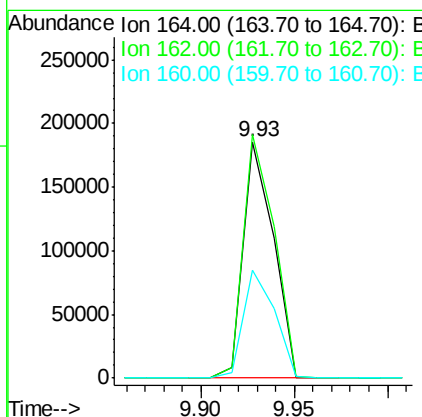
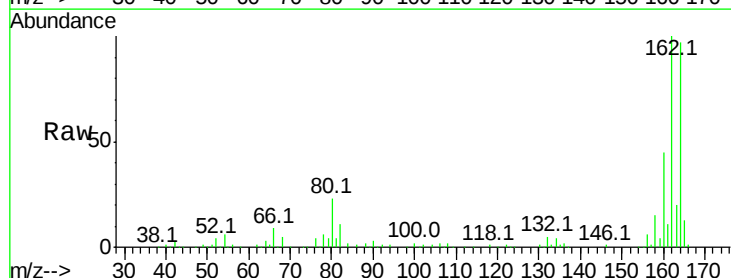
Manual Integrations
APPROVED

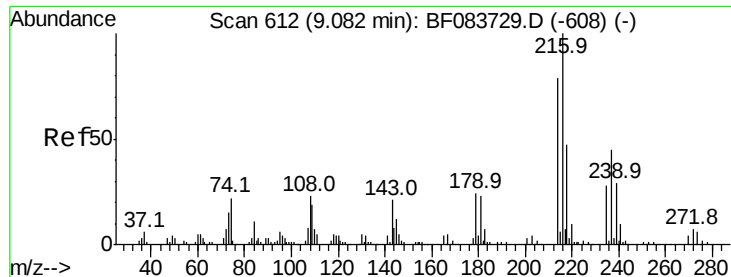
MMdadoda
12/17/2015 5:34:09 PM



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.93 min Scan# 686
Delta R.T. -0.03 min
Lab File: BF083843.D
Acq: 16 Dec 2015 12:51

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.1	78.8	118.2
160	46.0	33.4	50.2





#39

1,2,4,5-Tetrachlorobenzene

Concen: 40.05 ng

RT: 9.06 min Scan# 610

Delta R.T. -0.03 min

Lab File: BF083843.D

Acq: 16 Dec 2015 12:51

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:216 Resp: 246948
Ion Ratio Lower Upper

216 100

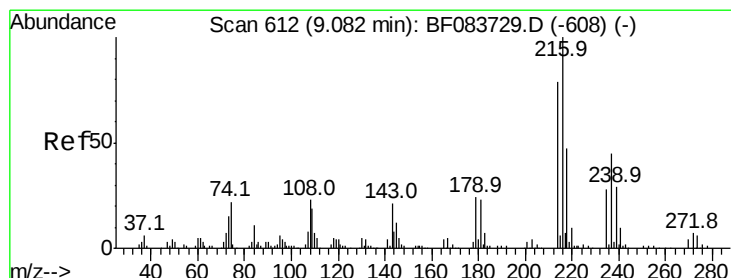
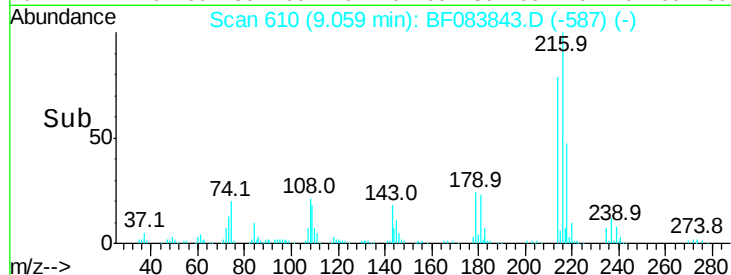
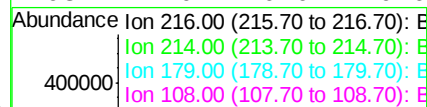
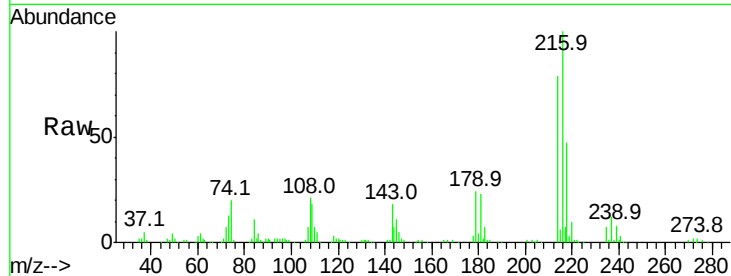
214 79.0 0.0 0.0#

179 23.1 0.0 0.0#

108 22.0 0.0 0.0#

Manual Integrations
APPROVED

MMdadoda
12/17/2015 5:34:09 PM



#40

Hexachlorocyclopentadiene

Concen: 31.11 ng

RT: 9.05 min Scan# 609

Delta R.T. -0.03 min

Lab File: BF083843.D

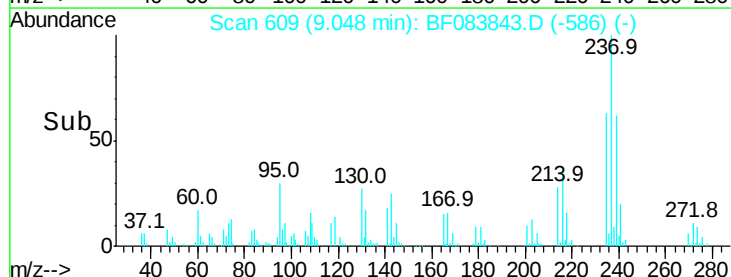
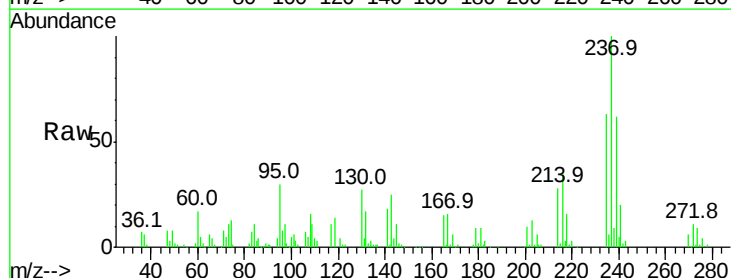
Acq: 16 Dec 2015 12:51

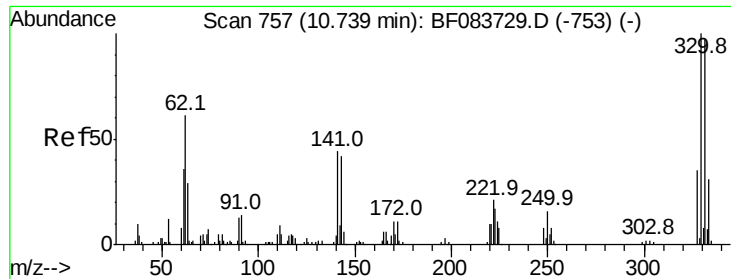
Tgt Ion:237 Resp: 97221
Ion Ratio Lower Upper

237 100

235 63.4 43.9 83.9

272 11.2 0.0 31.8





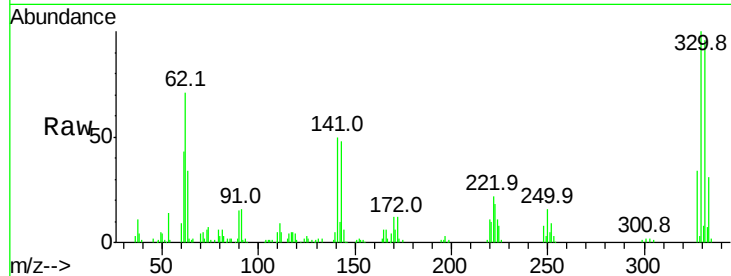
#41
 2,4,6-Tribromophenol
 Concen: 81.61 ng
 RT: 10.72 min Scan# 755
 Delta R.T. -0.03 min
 Lab File: BF083843.D
 Acq: 16 Dec 2015 12:51

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
330	100			
332	96.7	0.0	0.0	0.0
141	35.5	0.0	0.0	0.0

Manual Integrations
 APPROVED

MMdadoda
 12/17/2015 5:34:09 PM

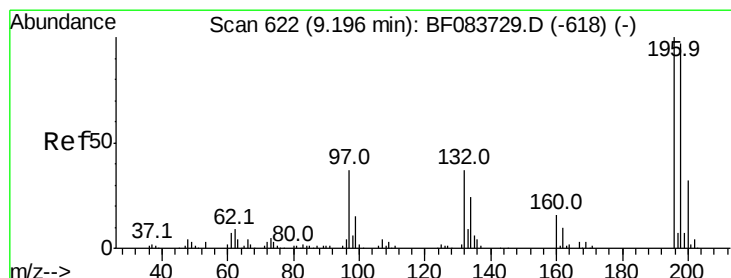
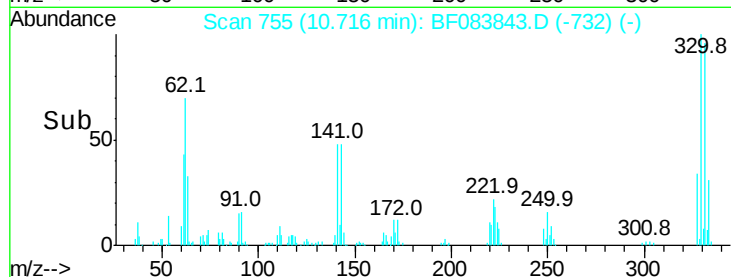
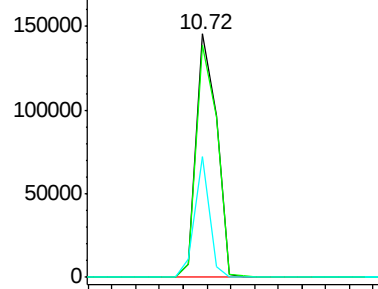


Abundance

Ion 329.80 (329.50 to 330.50): E

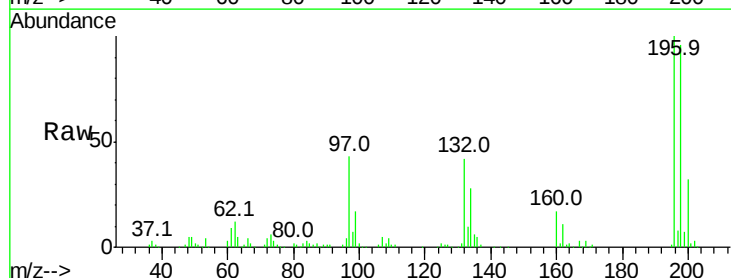
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#42
 2,4,6-Trichlorophenol
 Concen: 41.39 ng
 RT: 9.17 min Scan# 620
 Delta R.T. -0.02 min
 Lab File: BF083843.D
 Acq: 16 Dec 2015 12:51

Tgt Ion	Ratio	Resp	Lower	Upper
196	100			
198	96.5	75.2	112.8	
200	31.7	23.0	34.6	

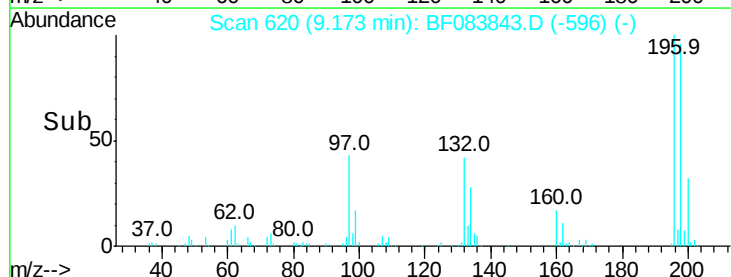
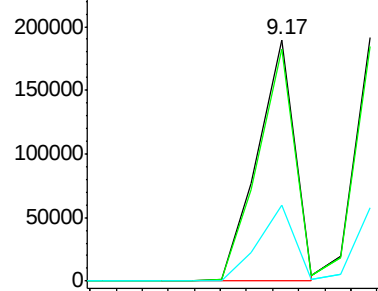


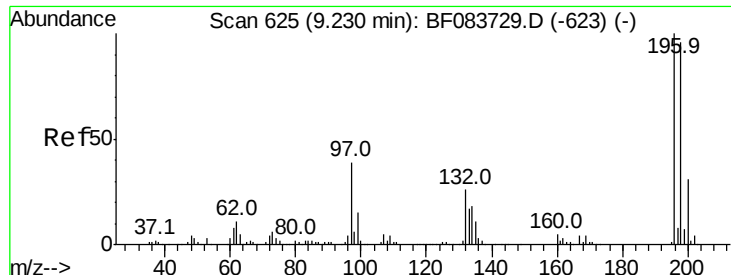
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E





#43

2,4,5-Trichlorophenol

Concen: 41.09 ng

RT: 9.21 min Scan# 623

Delta R.T. -0.02 min

Lab File: BF083843.D

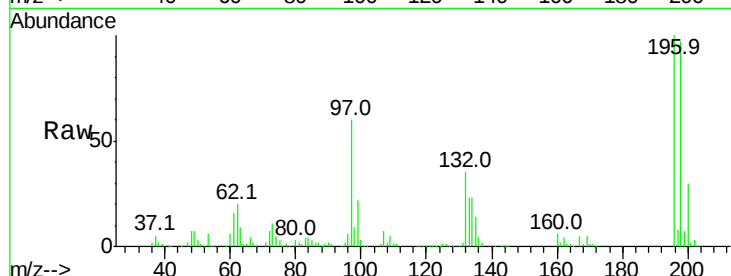
Acq: 16 Dec 2015 12:51

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



Tot Ion:196 Resp: 175954

Ion Ratio Lower Upper

196 100

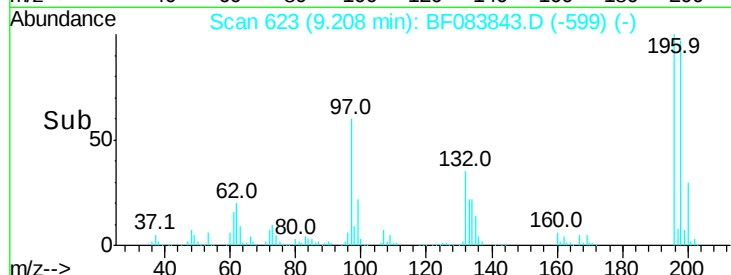
198 96.6 77.7 116.5

97 60.3 41.2 61.8

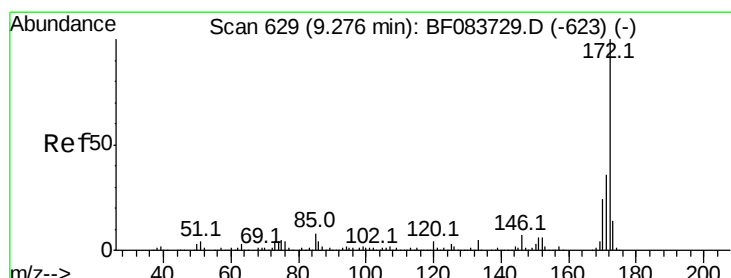
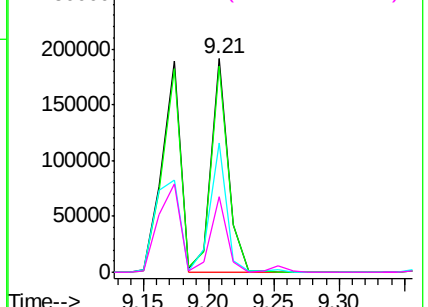
132 35.2 21.8 32.8#

Manual Integrations
APPROVED

MMdadoda
12/17/2015 5:34:09 PM



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



#44

2-Fluorobiphenyl

Concen: 68.91 ng

RT: 9.25 min Scan# 627

Delta R.T. -0.03 min

Lab File: BF083843.D

Acq: 16 Dec 2015 12:51

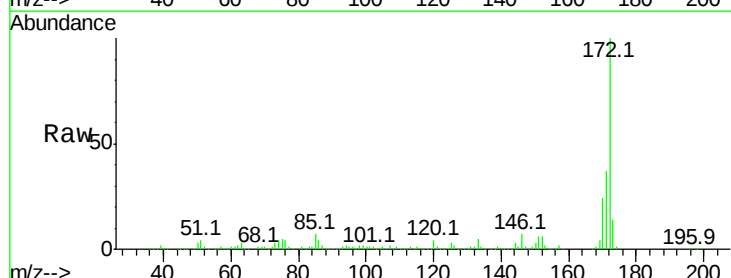
Tgt Ion:172 Resp: 1039878

Ion Ratio Lower Upper

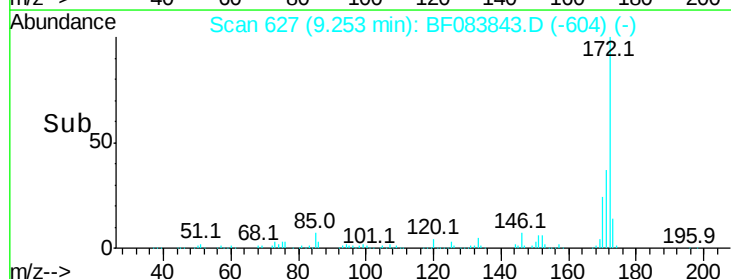
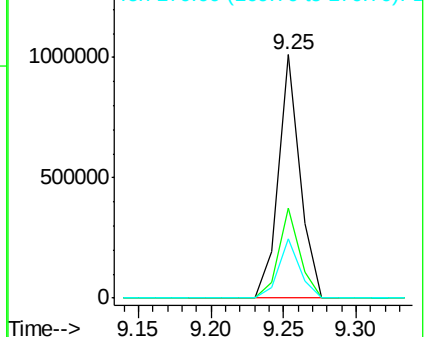
172 100

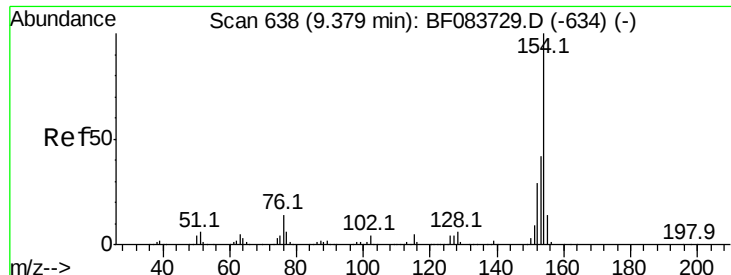
171 37.0 28.6 42.8

170 24.4 19.4 29.0



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





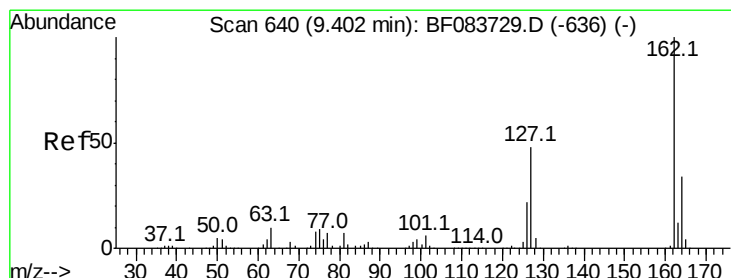
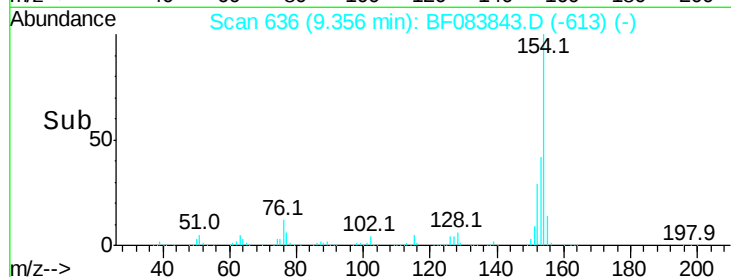
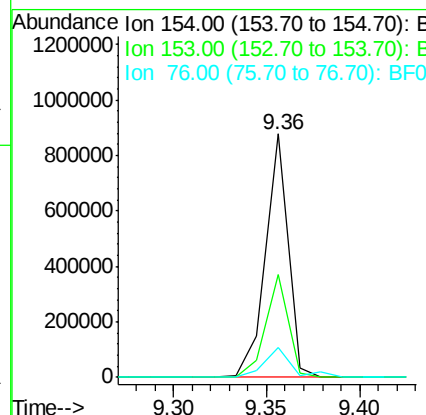
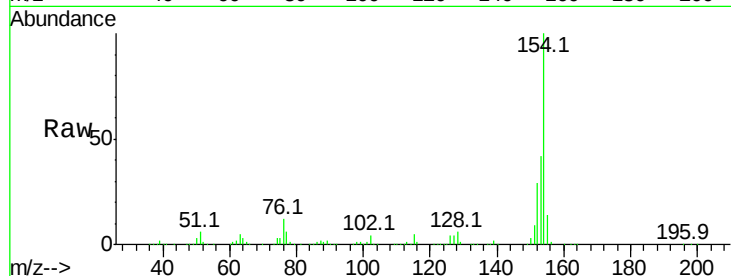
#45
1,1'-Biphenyl
Concen: 39.31 ng
RT: 9.36 min Scan# 636
Delta R.T. -0.03 min
Lab File: BF083843.D
Acq: 16 Dec 2015 12:51

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
154	100		
153	42.3	20.2	60.2
76	12.2	0.0	34.8

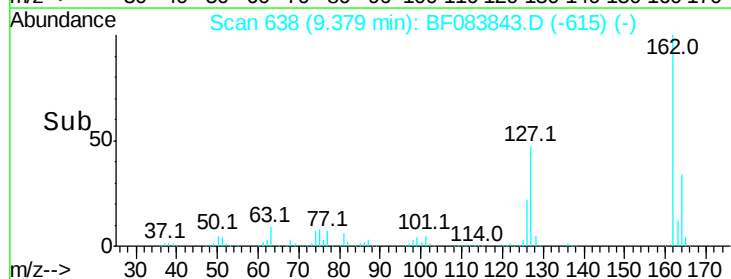
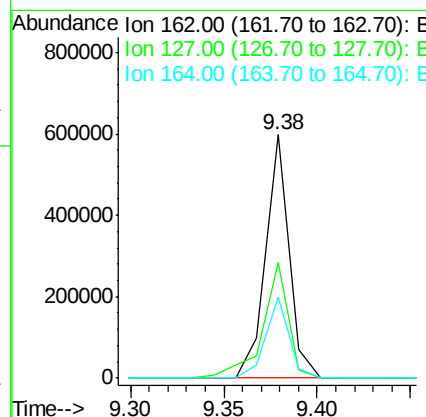
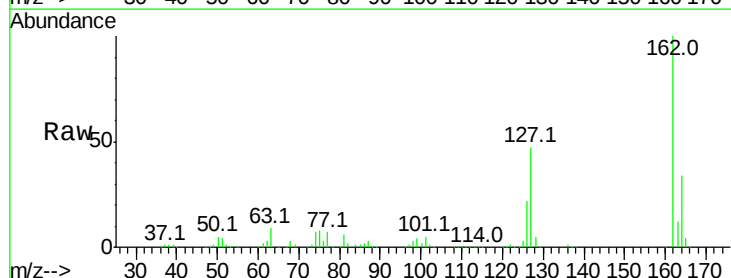
Manual Integrations
APPROVED

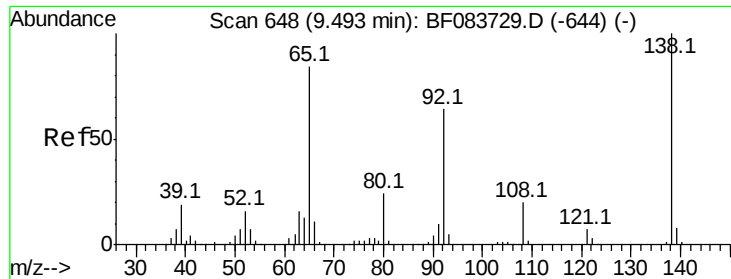
MMdadoda
12/17/2015 5:34:09 PM



#46
2-Chloronaphthalene
Concen: 38.52 ng
RT: 9.38 min Scan# 638
Delta R.T. -0.03 min
Lab File: BF083843.D
Acq: 16 Dec 2015 12:51

Tgt Ion	Ratio	Lower	Upper
162	100		
127	47.4	31.0	46.4#
164	33.5	27.4	41.0





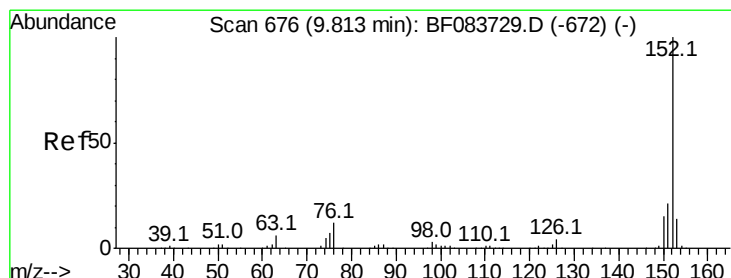
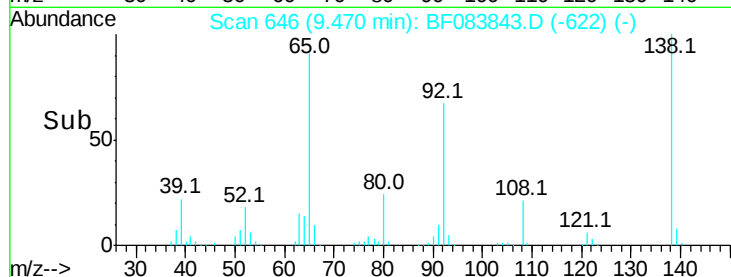
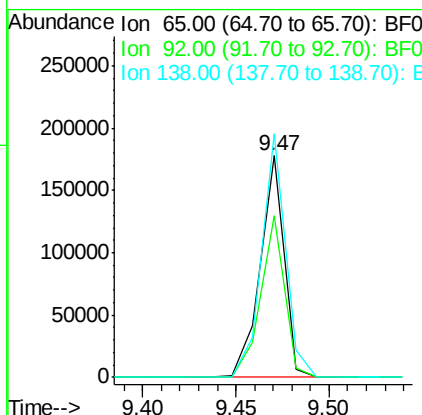
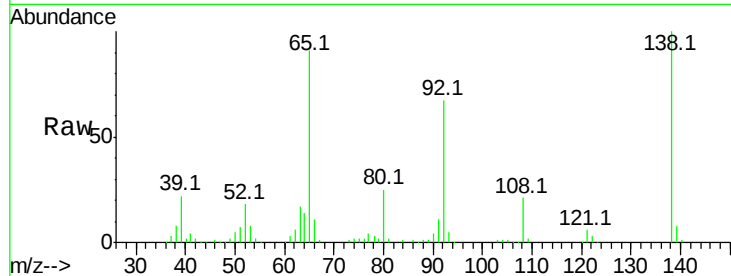
#47
2-Nitroaniline
Concen: 40.18 ng
RT: 9.47 min Scan# 646
Delta R.T. -0.02 min
Lab File: BF083843.D
Acq: 16 Dec 2015 12:51

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
65	100		
92	73.3	49.6	74.4
138	109.9	64.1	96.1

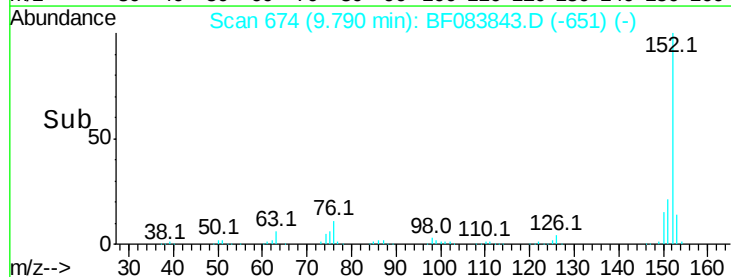
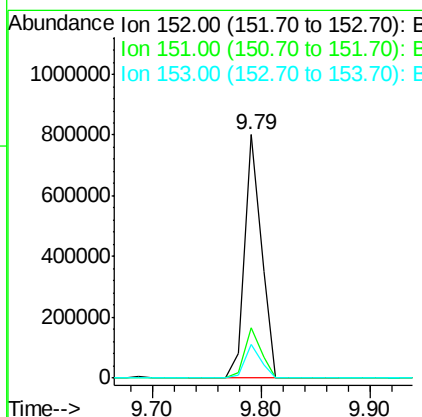
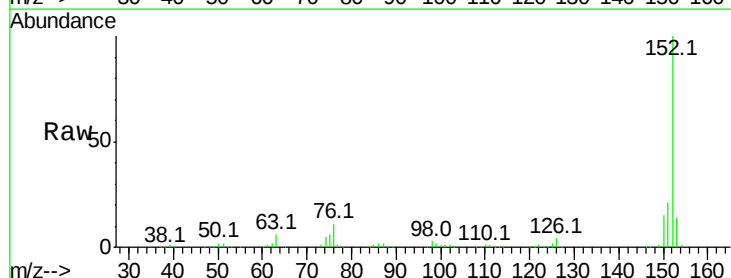
Manual Integrations
APPROVED

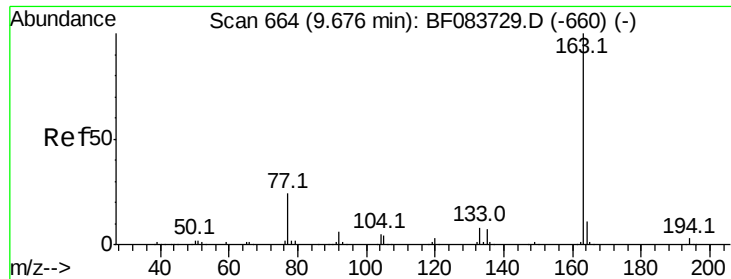
MMdadoda
12/17/2015 5:34:09 PM



#48
Acenaphthylene
Concen: 36.85 ng
RT: 9.79 min Scan# 674
Delta R.T. -0.03 min
Lab File: BF083843.D
Acq: 16 Dec 2015 12:51

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.8	16.3	24.5
153	13.9	10.8	16.2





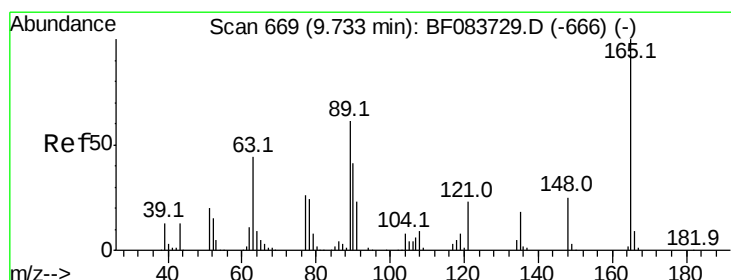
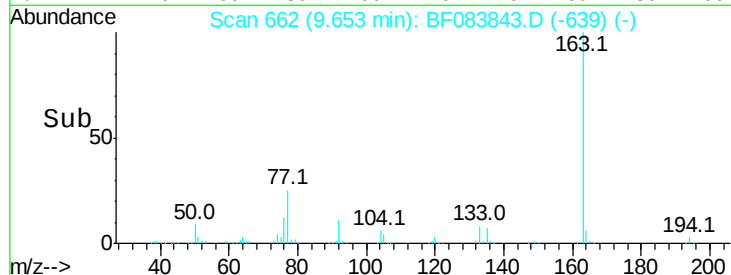
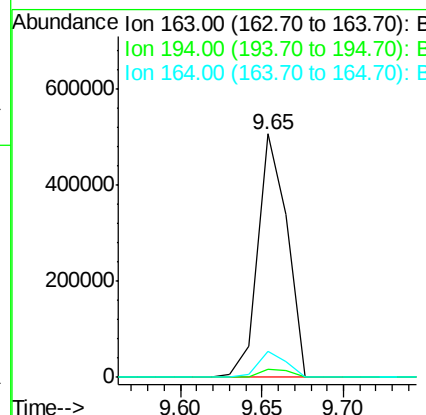
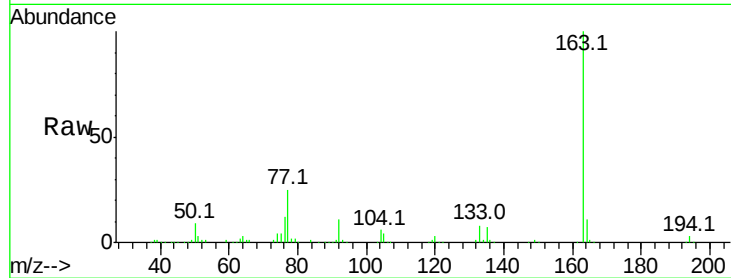
#49
Dimethylphthalate
Concen: 38.60 ng
RT: 9.65 min Scan# 662
Delta R.T. -0.03 min
Lab File: BF083843.D
Acq: 16 Dec 2015 12:51

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
163	100	629104		
194	3.1		2.8	4.2
164	10.8		8.6	13.0

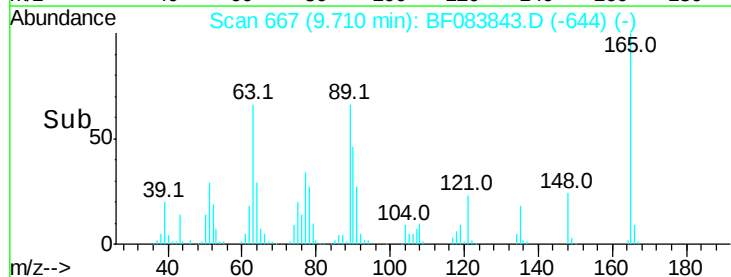
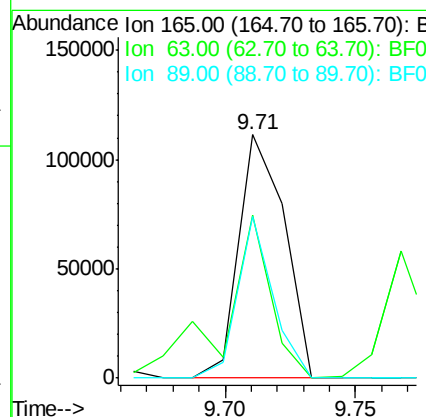
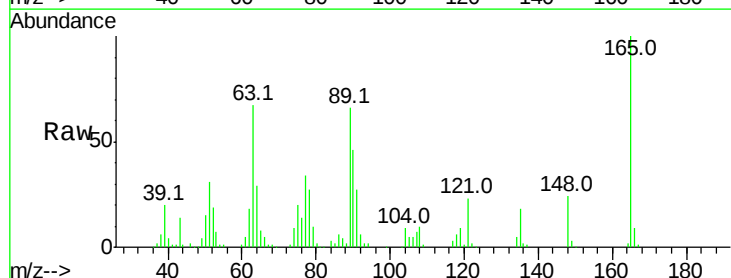
Manual Integrations
APPROVED

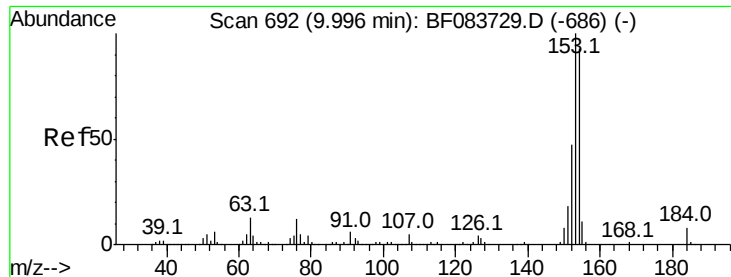
MMdadoda
12/17/2015 5:34:09 PM



#50
2,6-Dinitrotoluene
Concen: 39.67 ng
RT: 9.71 min Scan# 667
Delta R.T. -0.03 min
Lab File: BF083843.D
Acq: 16 Dec 2015 12:51

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	137220		
63	66.7		56.9	85.3
89	66.3		52.1	78.1





#51

Acenaphthene

Concen: 38.07 ng

RT: 9.96 min Scan# 689

Delta R.T. -0.03 min

Lab File: BF083843.D

Acq: 16 Dec 2015 12:51

Instrument :

BNA_F

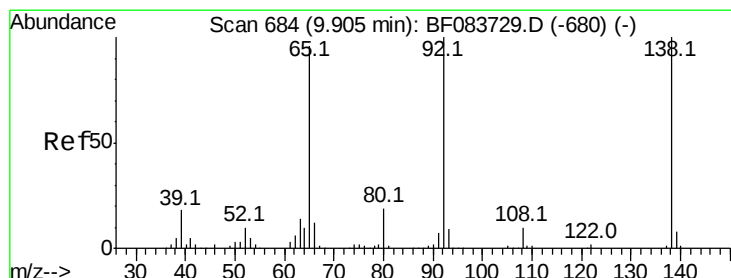
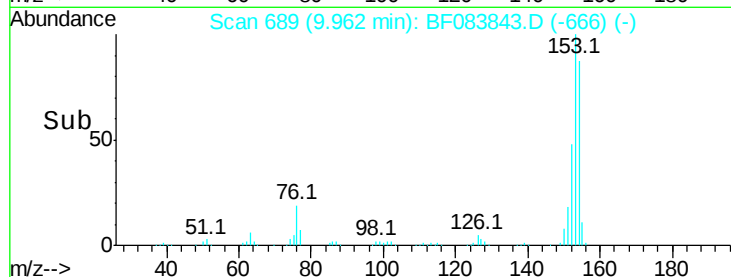
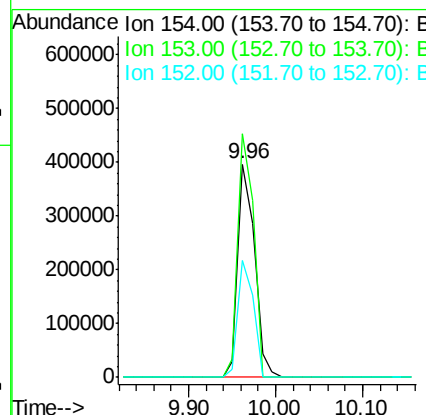
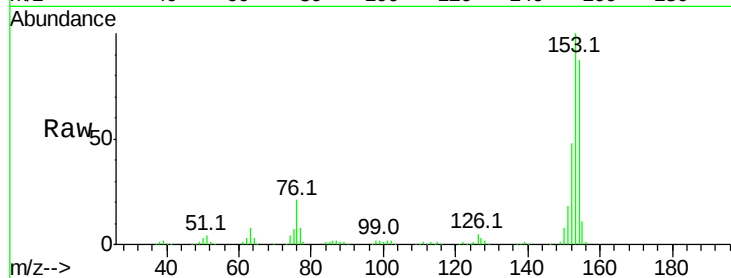
ClientSampleId :

SSTDCCC040

Tot Ion:	154	Resp:	529453
Ion Ratio	Lower	Upper	
154	100		
153	114.3	91.4	137.0
152	54.8	43.4	65.2

Manual Integrations
APPROVED

MMdadoda
12/17/2015 5:34:09 PM



#52

3-Nitroaniline

Concen: 38.12 ng

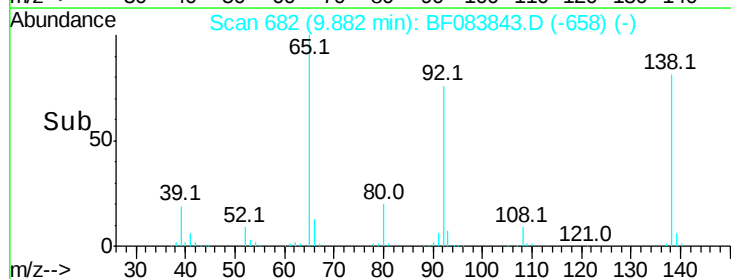
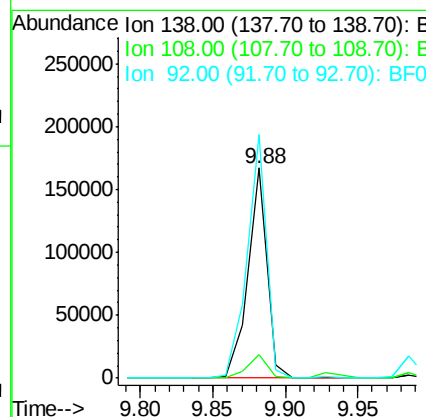
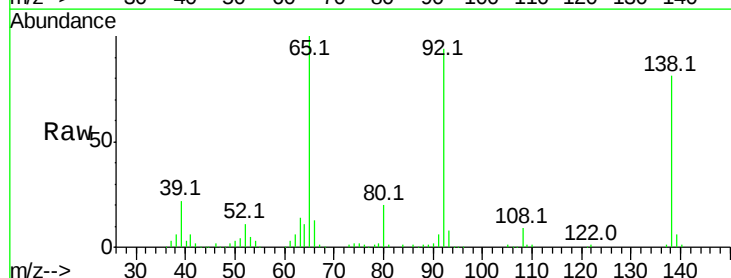
RT: 9.88 min Scan# 682

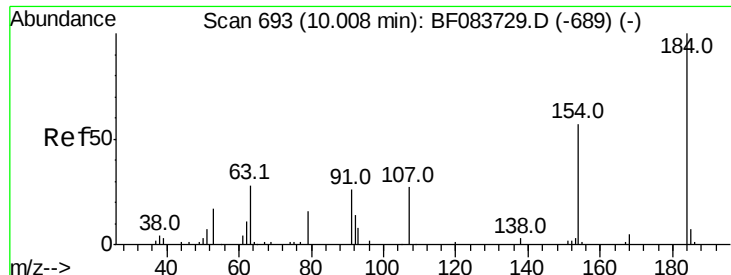
Delta R.T. -0.02 min

Lab File: BF083843.D

Acq: 16 Dec 2015 12:51

Tgt Ion:	138	Resp:	152015
Ion Ratio	Lower	Upper	
138	100		
108	11.4	9.9	14.9
92	116.1	113.8	170.8





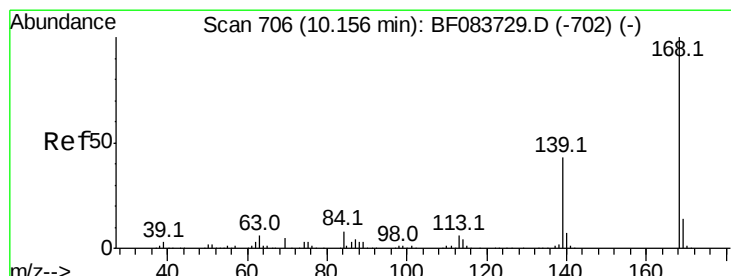
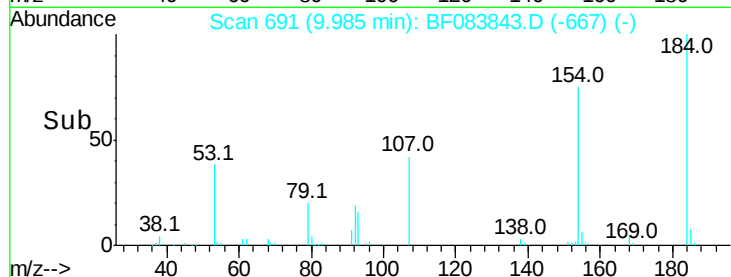
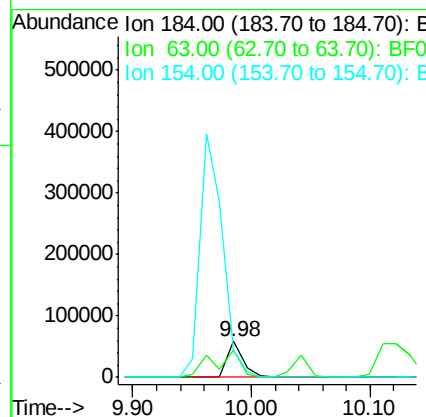
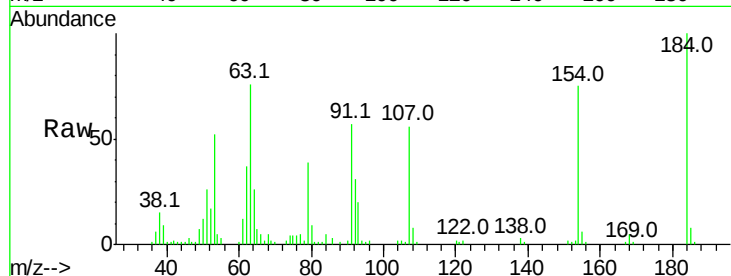
#53
 2,4-Dinitrophenol
 Concen: 40.51 ng
 RT: 9.98 min Scan# 691
 Delta R.T. -0.02 min
 Lab File: BF083843.D
 Acq: 16 Dec 2015 12:51

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
184	100		
63	76.0	62.4	93.6
154	74.9	46.6	69.8

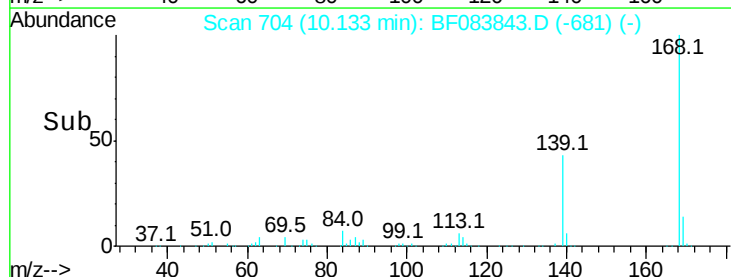
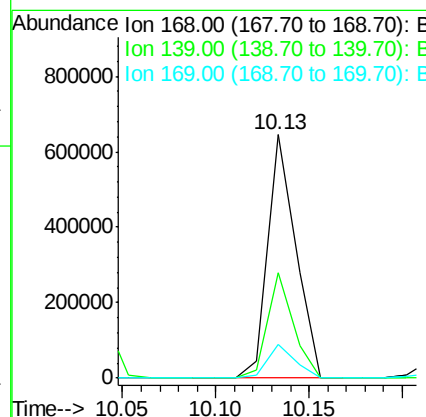
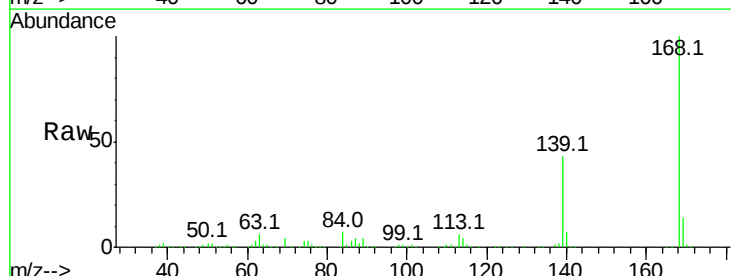
Manual Integrations
 APPROVED

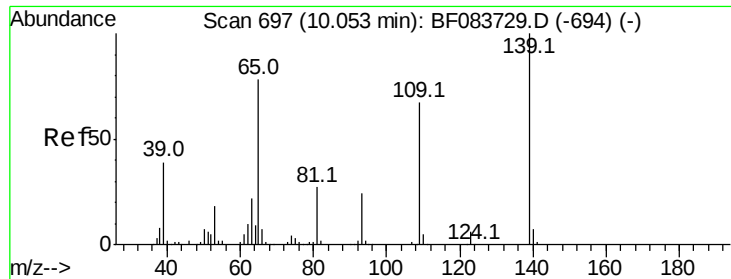
MMdadoda
 12/17/2015 5:34:09 PM



#54
 Dibenzofuran
 Concen: 36.17 ng
 RT: 10.13 min Scan# 704
 Delta R.T. -0.03 min
 Lab File: BF083843.D
 Acq: 16 Dec 2015 12:51

Tgt Ion	Ratio	Lower	Upper
168	100		
139	43.2	28.0	42.0
169	14.1	10.8	16.2





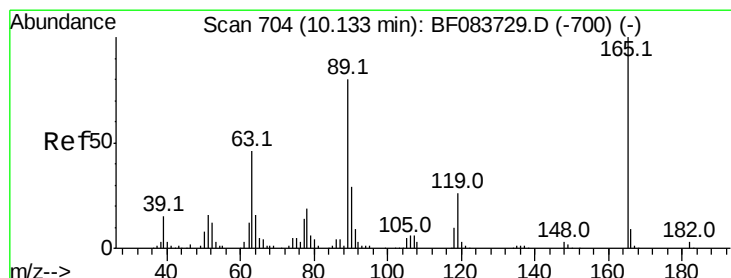
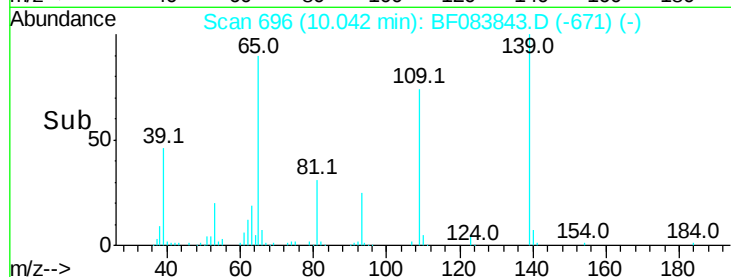
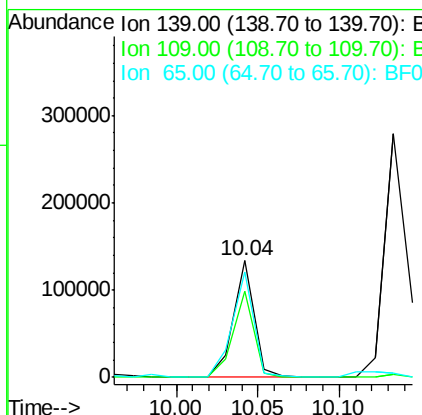
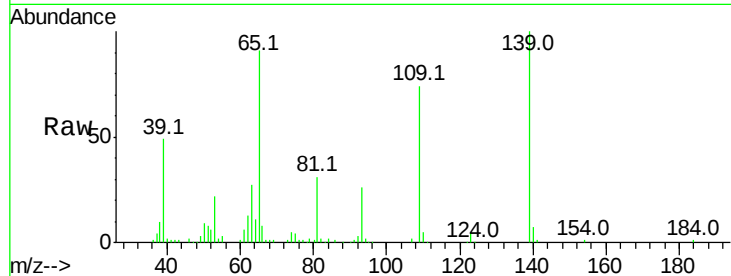
#55
4-Nitrophenol
Concen: 40.22 ng
RT: 10.04 min Scan# 696
Delta R.T. -0.01 min
Lab File: BF083843.D
Acq: 16 Dec 2015 12:51

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
139	100			
109	74.1	42.0	82.0	
65	90.7	89.2	129.2	

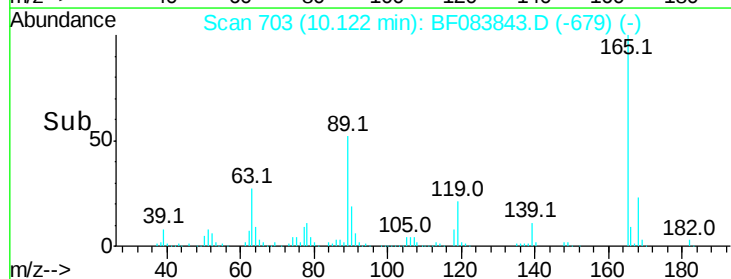
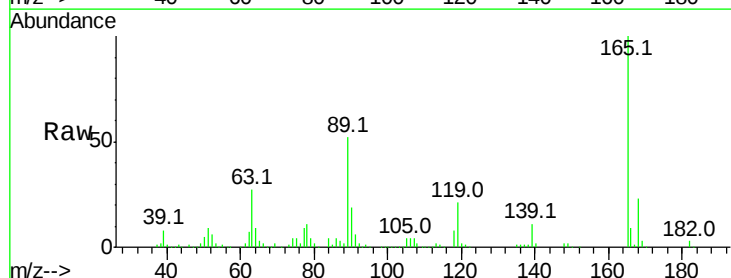
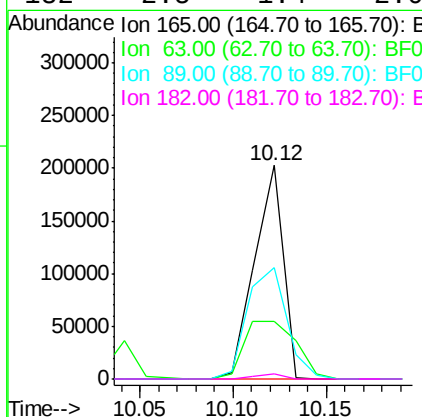
Manual Integrations
APPROVED

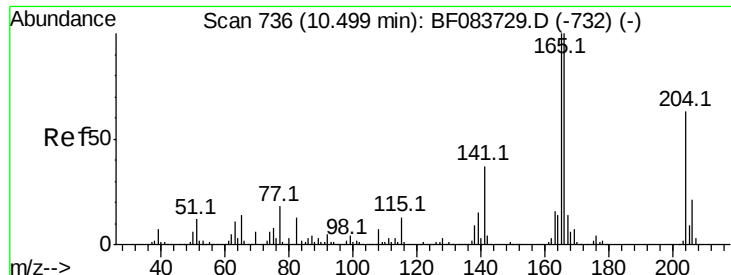
MMdadoda
12/17/2015 5:34:09 PM



#56
2,4-Dinitrotoluene
Concen: 47.41 ng
RT: 10.12 min Scan# 703
Delta R.T. -0.02 min
Lab File: BF083843.D
Acq: 16 Dec 2015 12:51

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	26.9	51.4	77.2#	
89	52.4	72.6	108.8#	
182	2.5	1.4	2.0#	





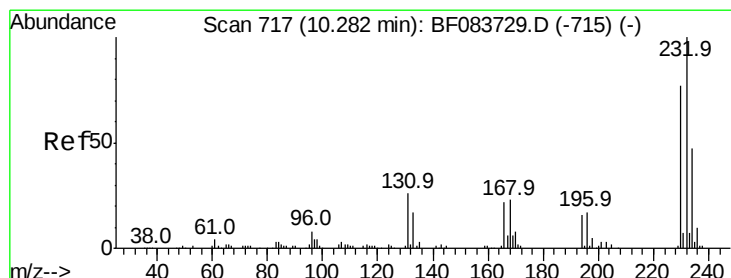
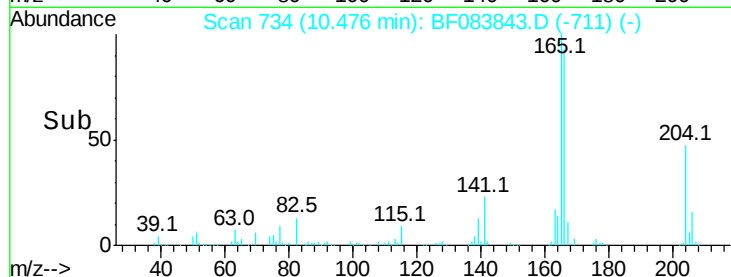
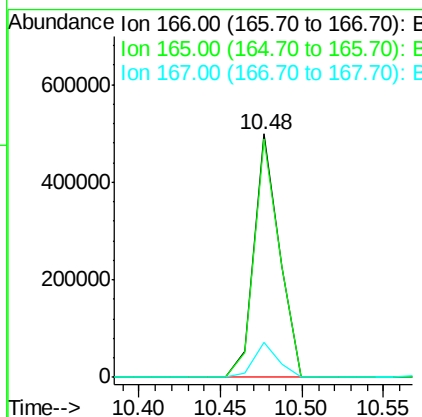
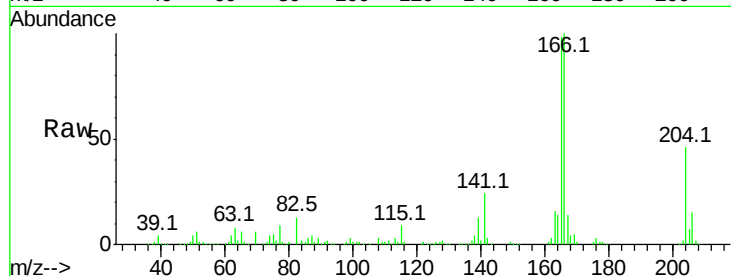
#57
Fluorene
 Concen: 36.82 ng
 RT: 10.48 min Scan# 734
 Delta R.T. -0.03 min
 Lab File: BF083843.D
 Acq: 16 Dec 2015 12:51

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
166	100	534376		
165	98.2		80.0	120.0
167	14.2		10.6	16.0

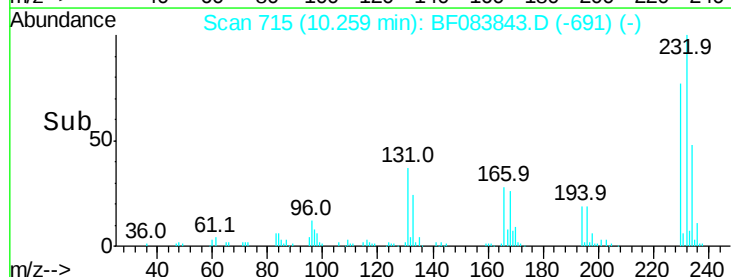
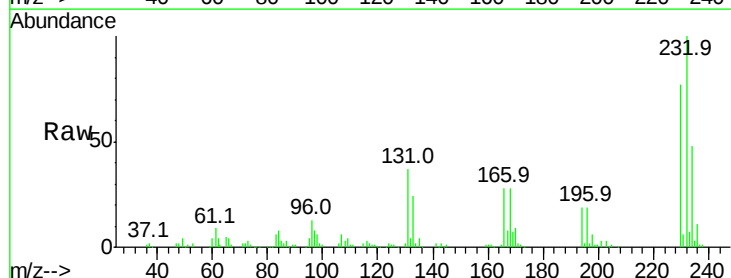
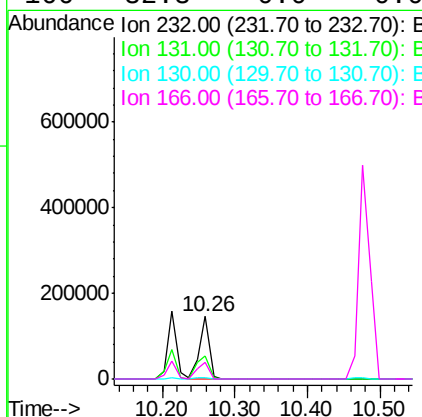
Manual Integrations
 APPROVED

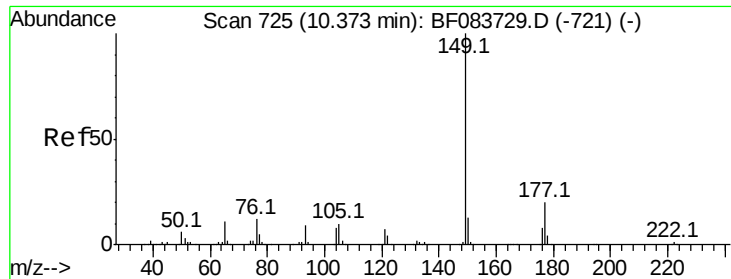
MMdadoda
 12/17/2015 5:34:09 PM



#58
2,3,4,6-Tetrachlorophenol
 Concen: 43.34 ng
 RT: 10.26 min Scan# 715
 Delta R.T. -0.02 min
 Lab File: BF083843.D
 Acq: 16 Dec 2015 12:51

Tgt Ion	Ratio	Resp	Lower	Upper
232	100	139201		
131	48.2		0.0	0.0#
130	2.5		0.0	0.0#
166	32.3		0.0	0.0#





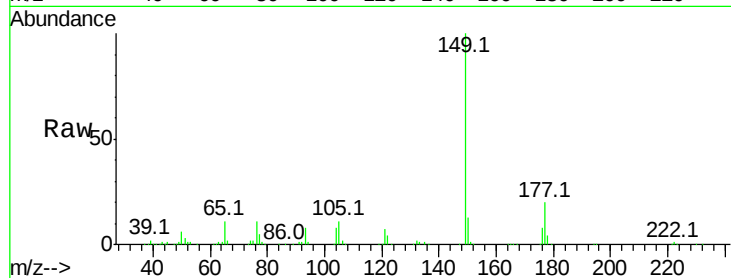
#59
Diethylphthalate
Concen: 37.44 ng
RT: 10.35 min Scan# 723
Delta R.T. -0.03 min
Lab File: BF083843.D
Acq: 16 Dec 2015 12:51

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

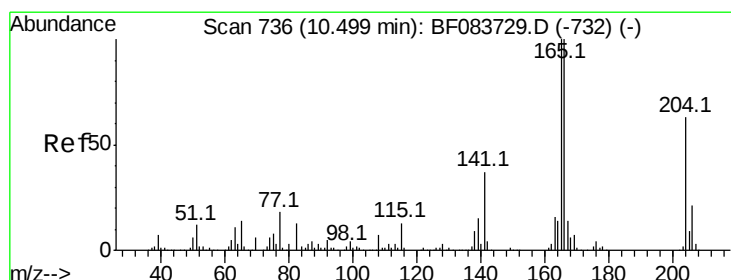
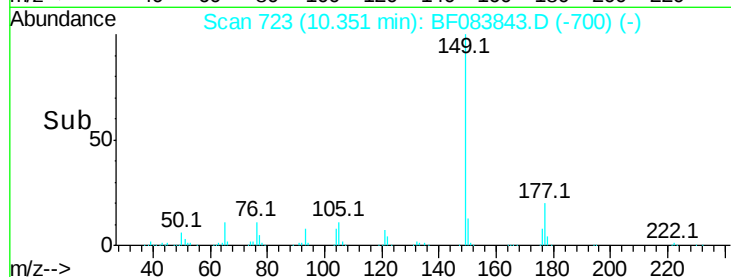
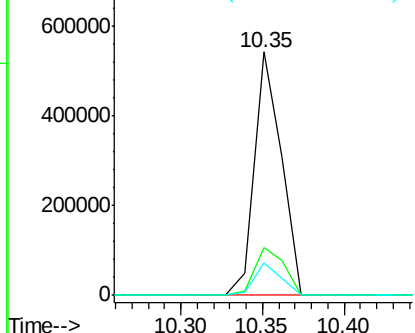
Tot Ion	Ratio	Resp	Lower	Upper
149	100	617656		
177	19.8	16.9	25.3	
150	13.2	10.2	15.4	

Manual Integrations
APPROVED

MMdadoda
12/17/2015 5:34:09 PM

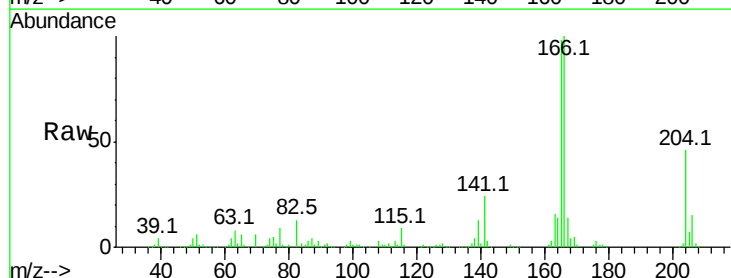


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

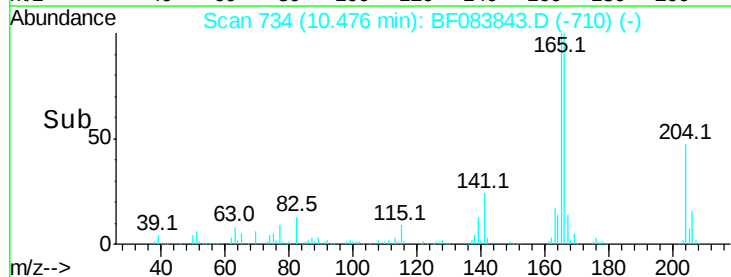
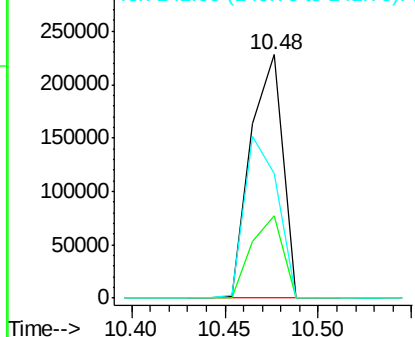


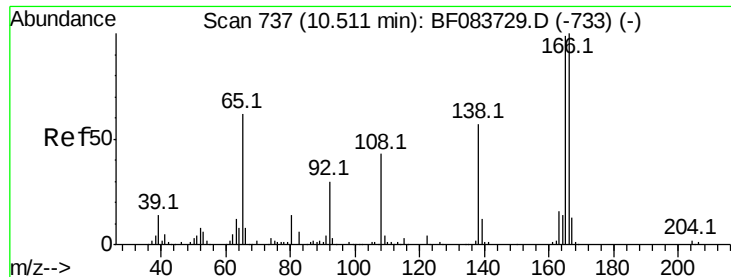
#60
4-Chlorophenyl-phenylether
Concen: 40.85 ng
RT: 10.48 min Scan# 734
Delta R.T. -0.02 min
Lab File: BF083843.D
Acq: 16 Dec 2015 12:51

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	270309		
206	33.8	27.3	40.9	
141	51.4	51.9	77.9#	



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





#61

4-Nitroaniline

Concen: 47.27 ng

RT: 10.50 min Scan# 736

Delta R.T. -0.01 min

Lab File: BF083843.D

Acq: 16 Dec 2015 12:51

Instrument :

BNA_F

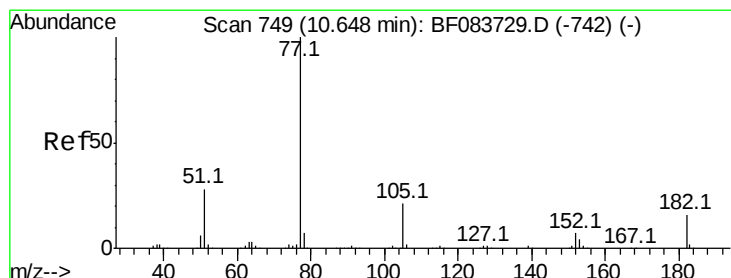
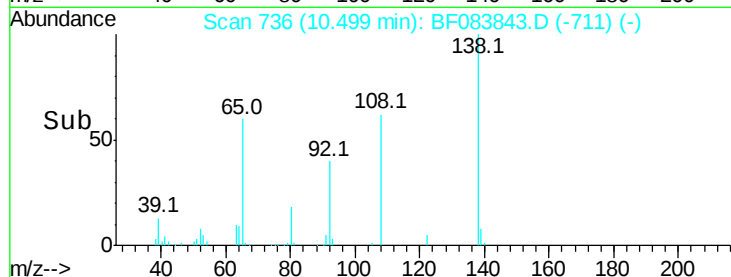
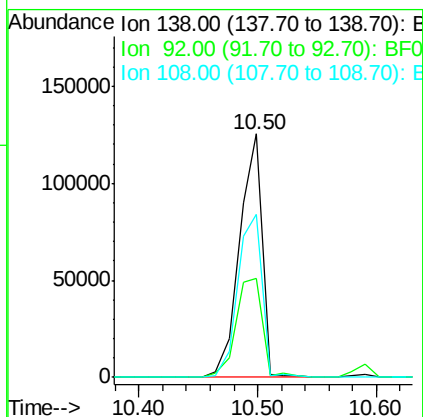
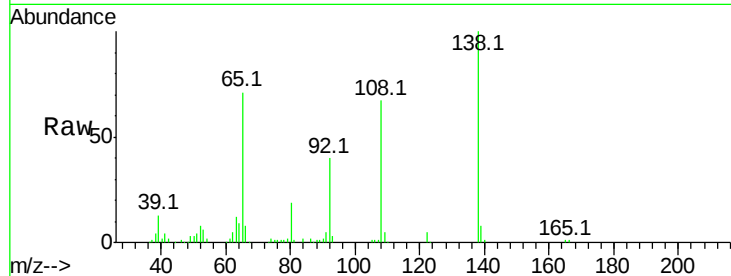
ClientSampleId :

SSTDCCC040

Manual Integrations
APPROVED

MMdadoda
12/17/2015 5:34:09 PM

Tot Ion:138	Resp:	166163
Ion Ratio	Lower	Upper
138 100		
92 40.5	29.0	69.0
108 66.7	47.4	87.4



#62

Azobenzene

Concen: 39.01 ng

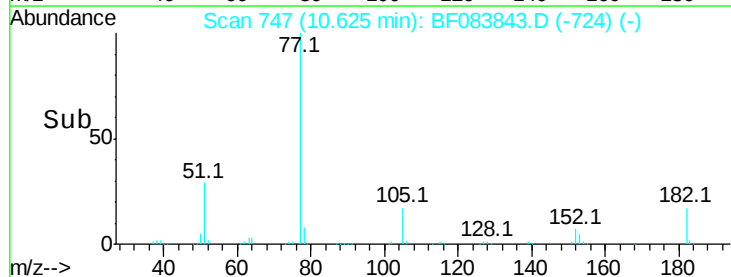
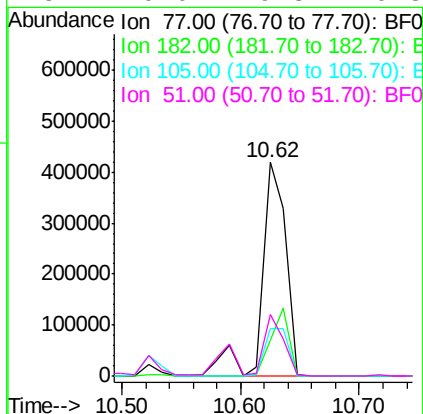
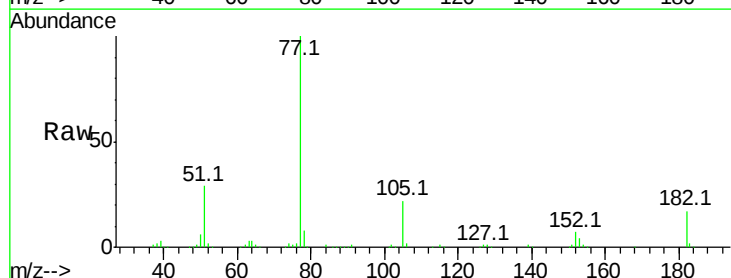
RT: 10.62 min Scan# 747

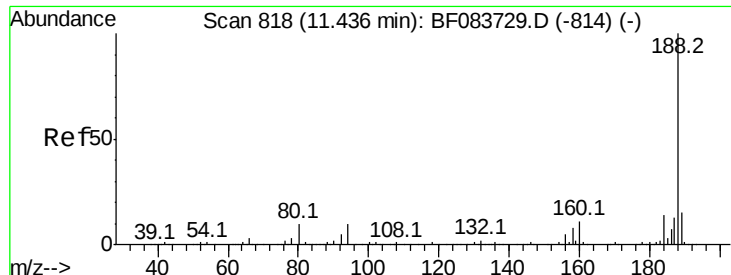
Delta R.T. -0.03 min

Lab File: BF083843.D

Acq: 16 Dec 2015 12:51

Tgt Ion: 77	Resp:	586763
Ion Ratio	Lower	Upper
77 100		
182 16.9	2.5	42.5
105 22.1	2.1	42.1
51 29.0	9.3	49.3





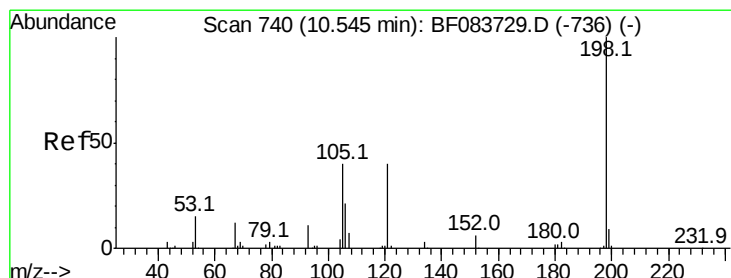
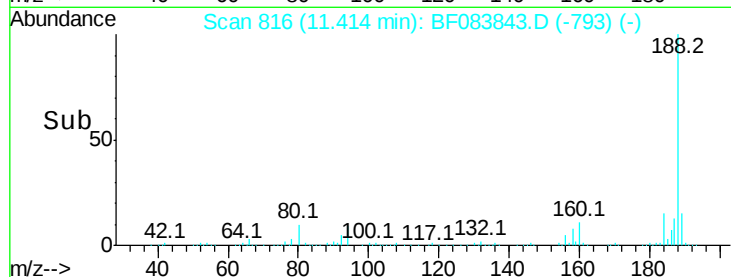
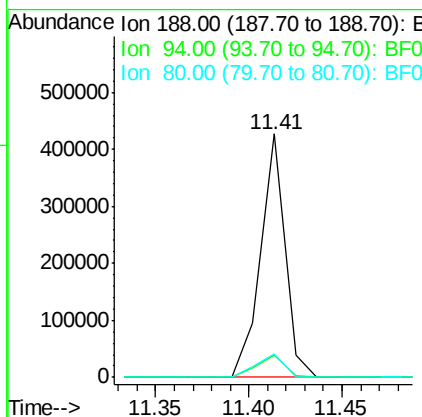
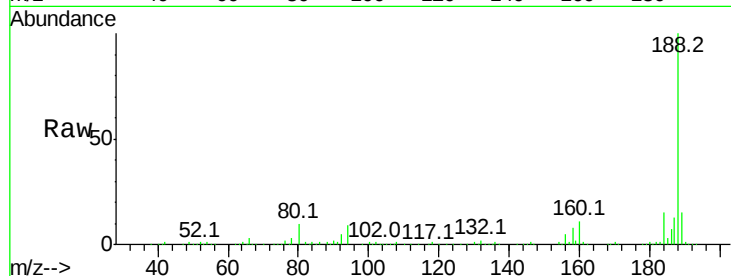
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.41 min Scan# 816
 Delta R.T. -0.03 min
 Lab File: BF083843.D
 Acq: 16 Dec 2015 12:51

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp Lower	Upper
188	100		
94	9.1	9.4	14.2#
80	9.8	10.6	16.0#

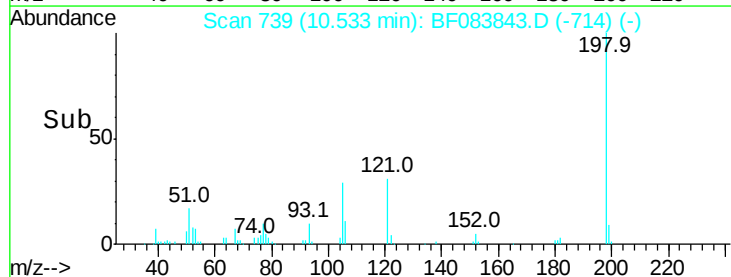
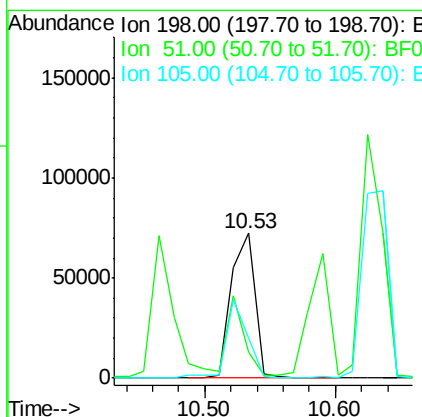
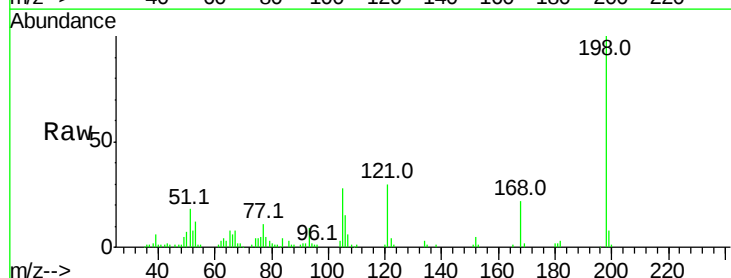
Manual Integrations
 APPROVED

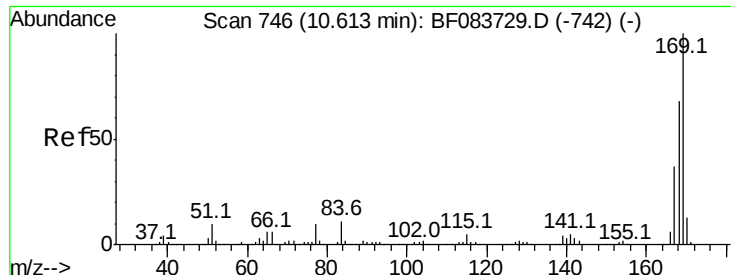
MMdadoda
 12/17/2015 5:34:09 PM



#64
 4,6-Dinitro-2-methylphenol
 Concen: 41.42 ng
 RT: 10.53 min Scan# 739
 Delta R.T. -0.01 min
 Lab File: BF083843.D
 Acq: 16 Dec 2015 12:51

Tgt Ion	Ratio	Resp Lower	Upper
198	100		
51	17.6	53.8	93.8#
105	27.7	38.6	78.6#





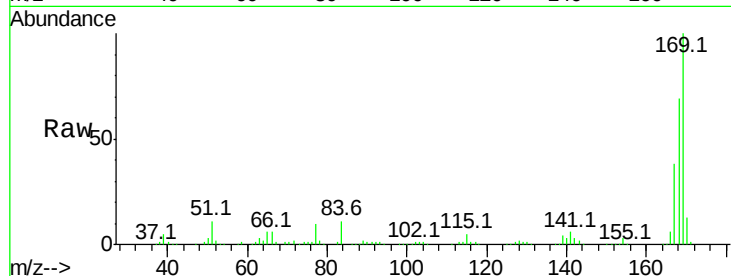
#65
n-Nitrosodiphenylamine
Concen: 40.71 ng
RT: 10.59 min Scan# 744
Delta R.T. -0.02 min
Lab File: BF083843.D
Acq: 16 Dec 2015 12:51

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

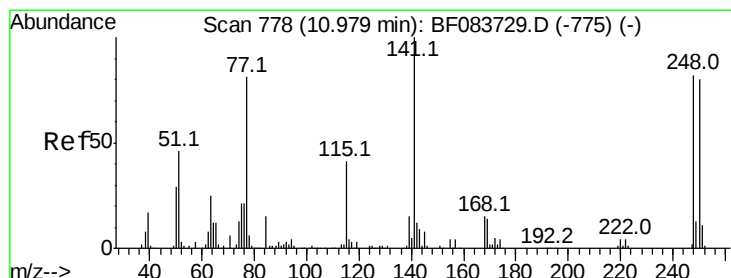
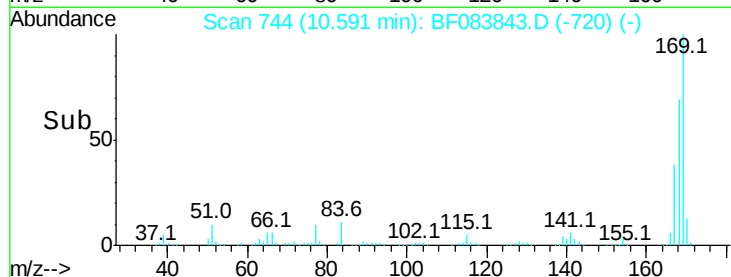
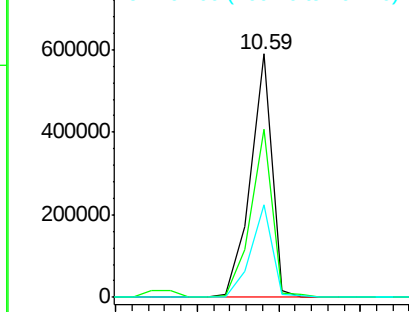
Tot Ion	Ratio	Resp	Lower	Upper
169	100			
168	69.0	53.0	79.6	
167	37.8	29.3	43.9	

Manual Integrations
APPROVED

MMdadoda
12/17/2015 5:34:09 PM



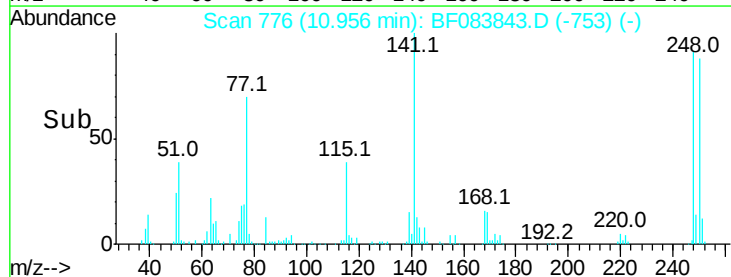
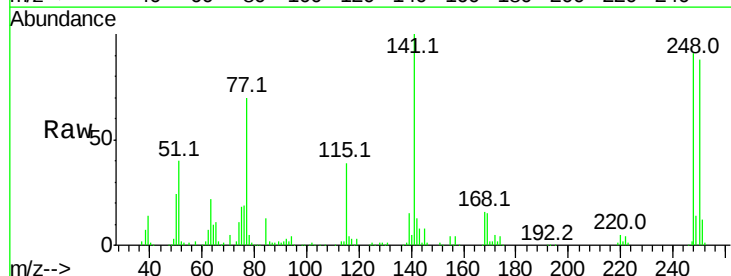
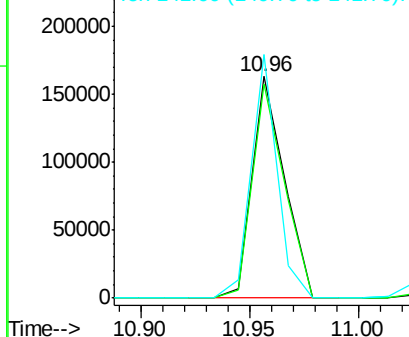
Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E

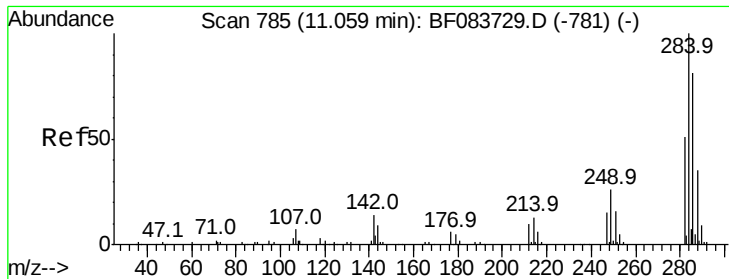


#66
4-Bromophenyl-phenylether
Concen: 38.83 ng
RT: 10.96 min Scan# 776
Delta R.T. -0.03 min
Lab File: BF083843.D
Acq: 16 Dec 2015 12:51

Tgt Ion	Ratio	Resp	Lower	Upper
248	100			
250	96.8	79.2	118.8	
141	109.9	58.2	87.4	

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





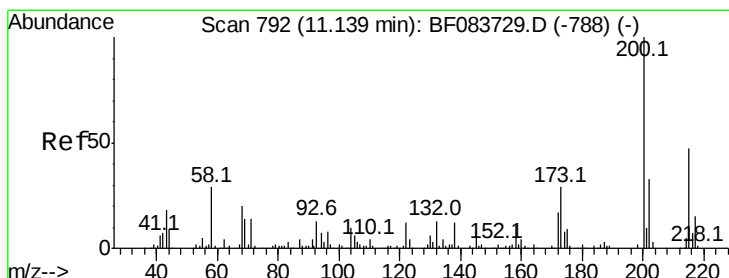
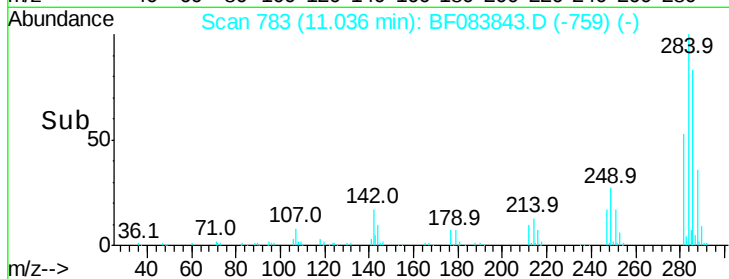
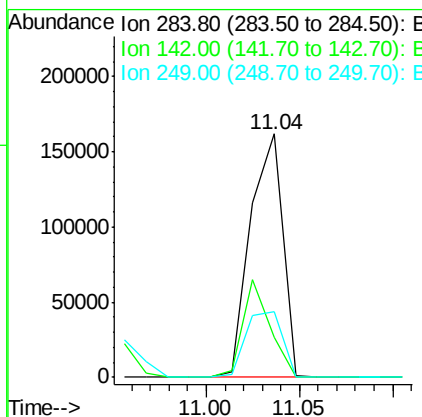
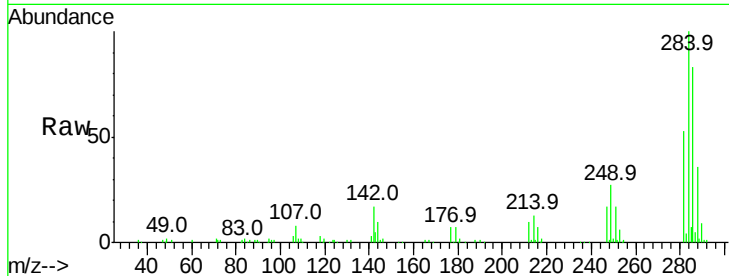
#67
Hexachlorobenzene
Concen: 41.49 ng
RT: 11.04 min Scan# 783
Delta R.T. -0.02 min
Lab File: BF083843.D
Acq: 16 Dec 2015 12:51

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
284	100	193971		
142	16.6	31.0	46.4	#
249	27.1	26.9	40.3	

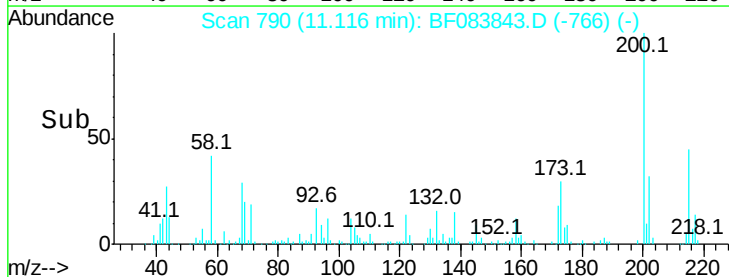
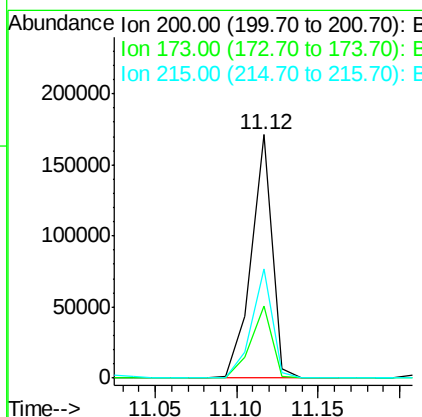
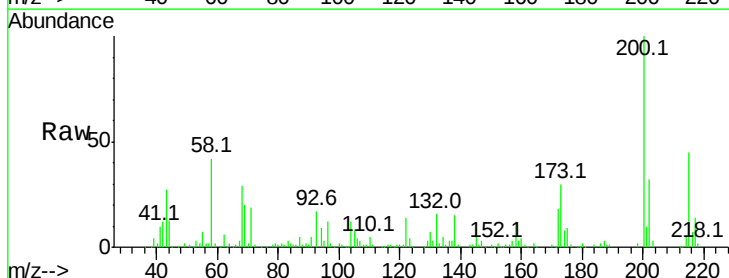
Manual Integrations
APPROVED

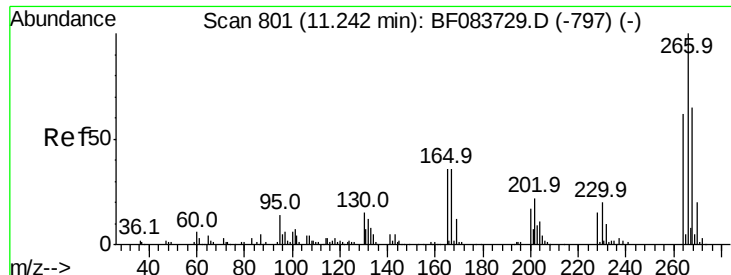
MMdadoda
12/17/2015 5:34:09 PM



#68
Atrazine
Concen: 40.66 ng
RT: 11.12 min Scan# 790
Delta R.T. -0.02 min
Lab File: BF083843.D
Acq: 16 Dec 2015 12:51

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	152890		
173	29.9	7.8	47.8	
215	44.8	25.7	65.7	





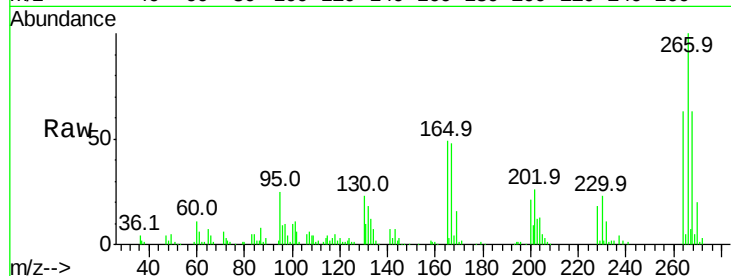
#69
 Pentachlorophenol
 Concen: 36.54 ng
 RT: 11.22 min Scan# 799
 Delta R.T. -0.02 min
 Lab File: BF083843.D
 Acq: 16 Dec 2015 12:51

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

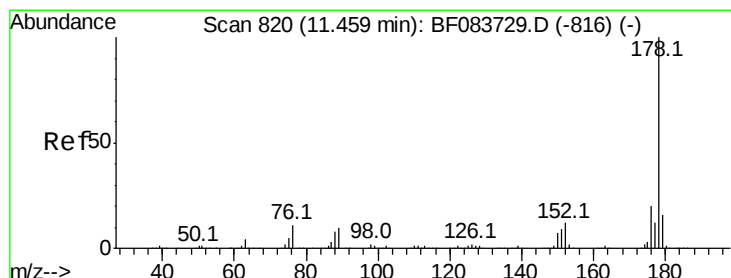
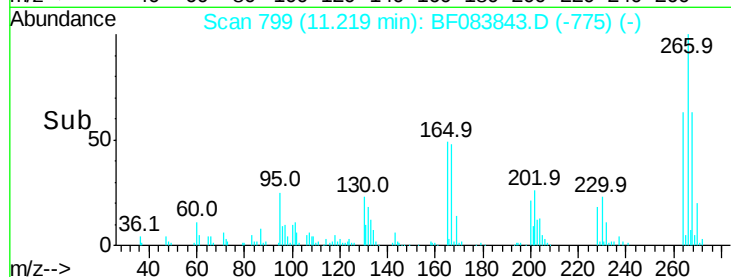
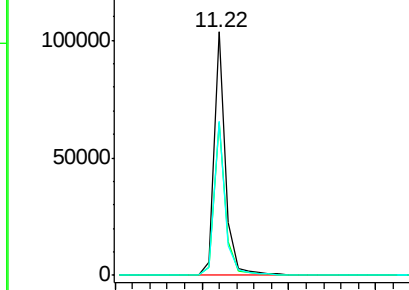
Tot Ion	Ratio	Resp	Lower	Upper
266	100	96351		
268	62.8	50.2	75.2	
264	63.5	51.4	77.2	

Manual Integrations
 APPROVED

MMdadoda
 12/17/2015 5:34:09 PM

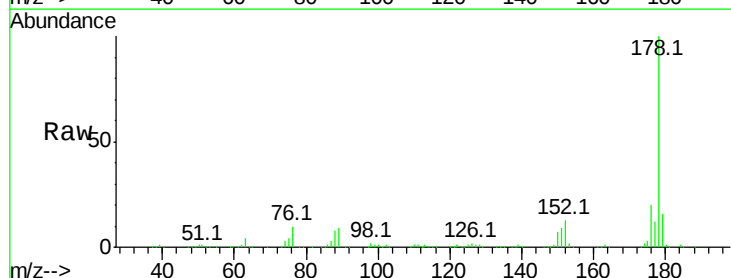


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

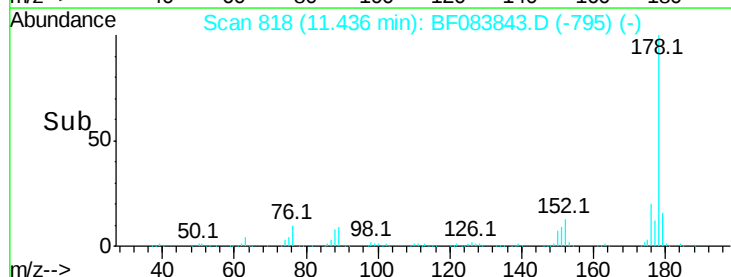
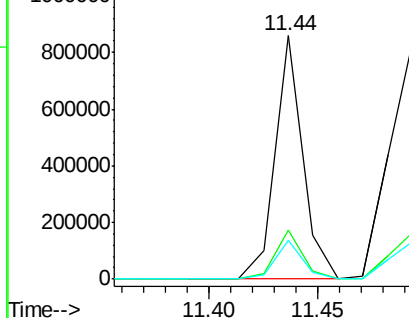


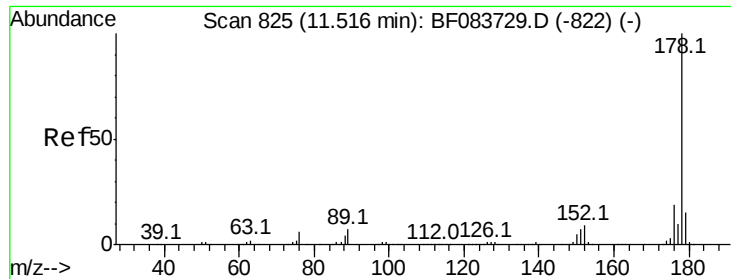
#70
 Phenanthrene
 Concen: 37.44 ng
 RT: 11.44 min Scan# 818
 Delta R.T. -0.03 min
 Lab File: BF083843.D
 Acq: 16 Dec 2015 12:51

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	768539		
176	20.1	15.7	23.5	
179	15.9	12.2	18.4	



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





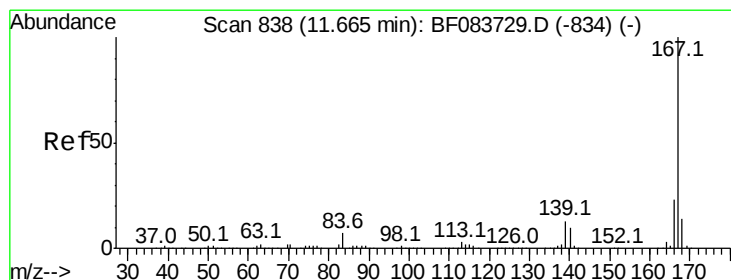
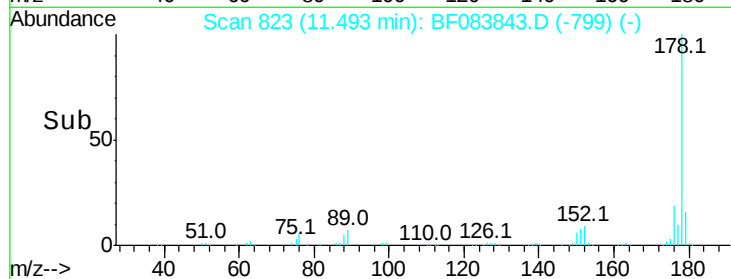
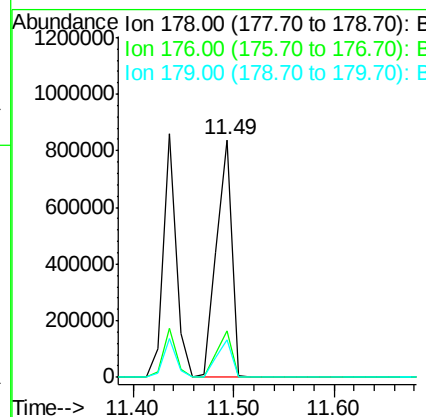
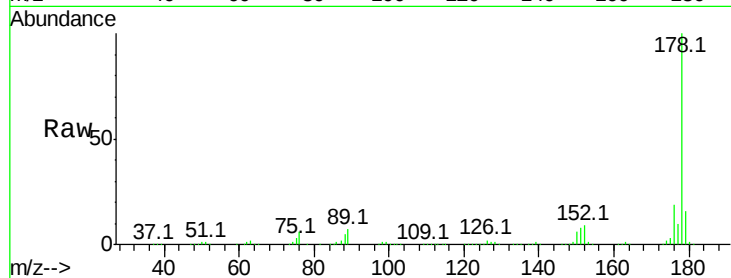
#71
 Anthracene
 Concen: 41.96 ng
 RT: 11.49 min Scan# 823
 Delta R.T. -0.02 min
 Lab File: BF083843.D
 Acq: 16 Dec 2015 12:51

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.2	22.8
179	15.7	12.6	18.8

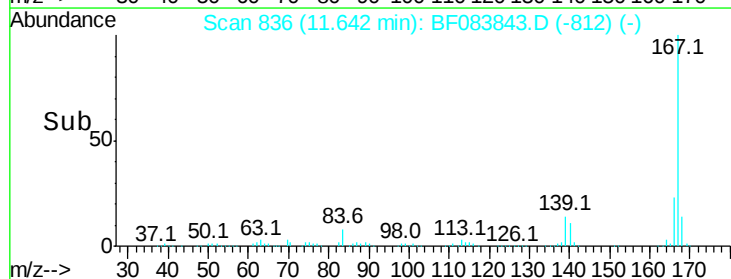
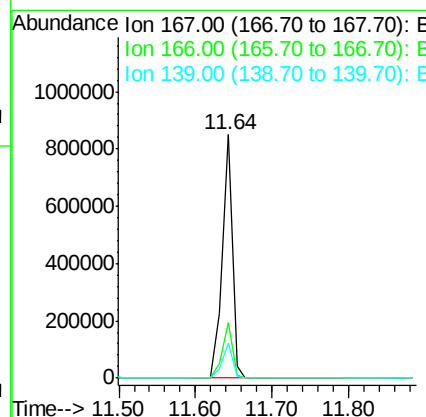
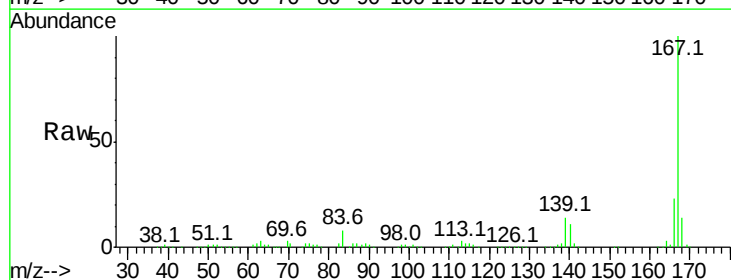
Manual Integrations
 APPROVED

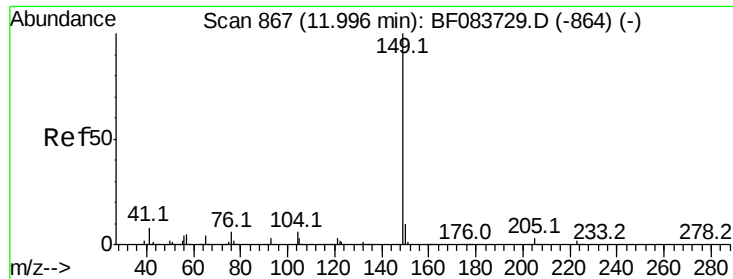
MMdadoda
 12/17/2015 5:34:09 PM



#72
 Carbazole
 Concen: 39.00 ng
 RT: 11.64 min Scan# 836
 Delta R.T. -0.02 min
 Lab File: BF083843.D
 Acq: 16 Dec 2015 12:51

Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.5	17.2	25.8
139	14.2	9.3	13.9





#73

Di-n-butylphthalate

Concen: 38.79 ng

RT: 11.97 min Scan# 865

Delta R.T. -0.03 min

Lab File: BF083843.D

Acq: 16 Dec 2015 12:51

Instrument :

BNA_F

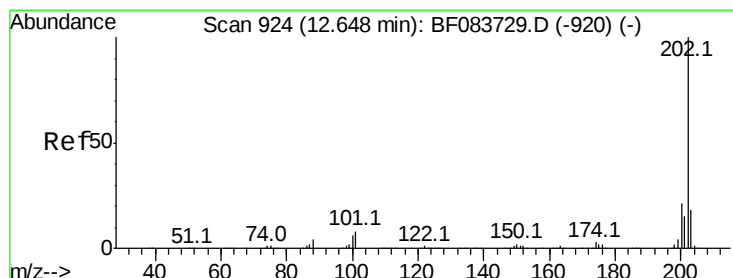
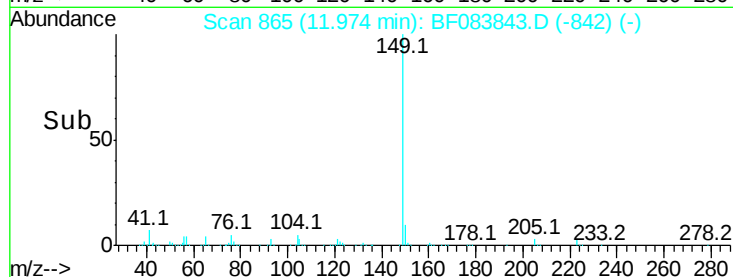
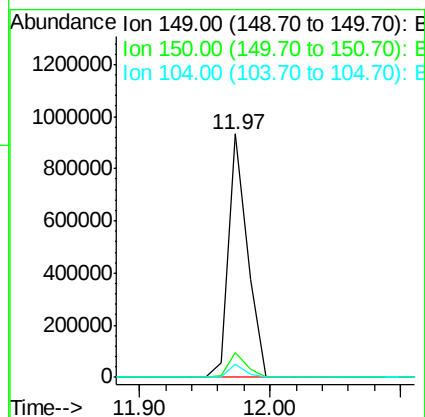
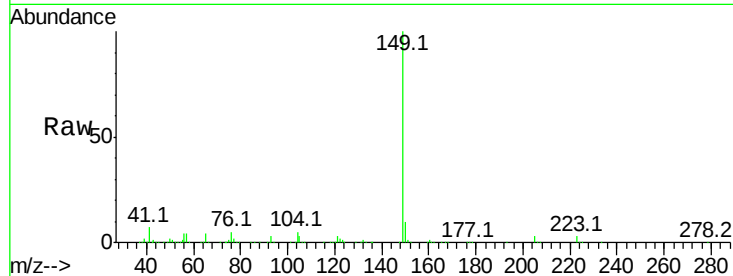
ClientSampleId :

SSTDCCC040

Manual Integrations
APPROVED

MMdadoda
12/17/2015 5:34:09 PM

Tot Ion:	149	Resp:	935907
Ion Ratio	Lower	Upper	
149	100		
150	10.1	7.8	11.6
104	5.3	3.9	5.9



#74

Fluoranthene

Concen: 41.72 ng

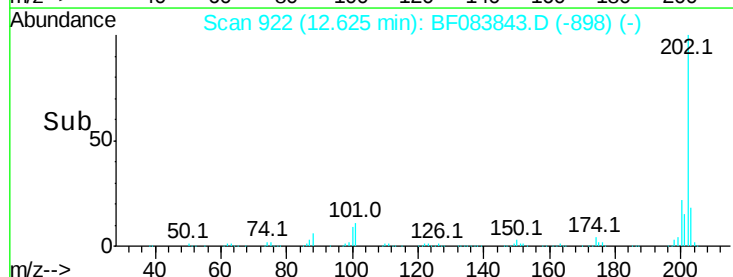
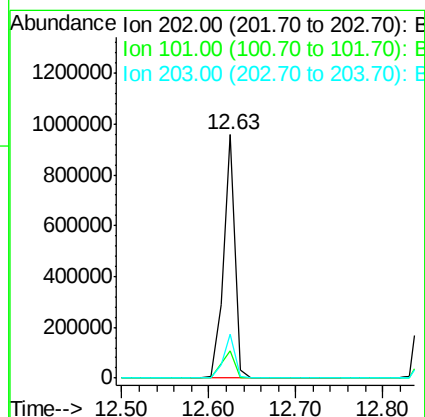
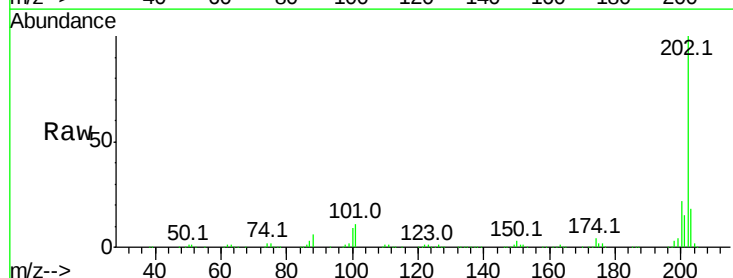
RT: 12.63 min Scan# 922

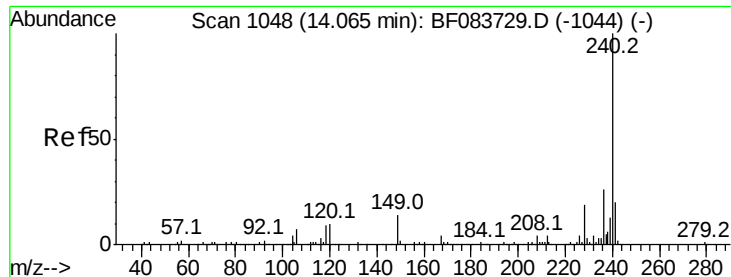
Delta R.T. -0.02 min

Lab File: BF083843.D

Acq: 16 Dec 2015 12:51

Tgt Ion:	202	Resp:	884958
Ion Ratio	Lower	Upper	
202	100		
101	11.3	0.0	31.5
203	18.2	0.0	37.6





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.05 min Scan# 1047

Delta R.T. -0.02 min

Lab File: BF083843.D

Acq: 16 Dec 2015 12:51

Instrument :

BNA_F

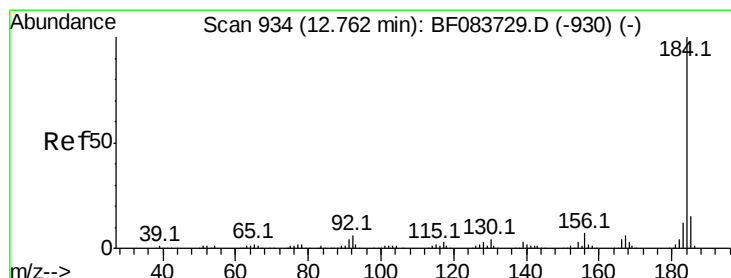
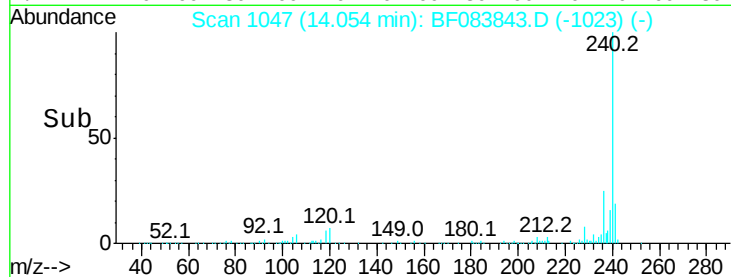
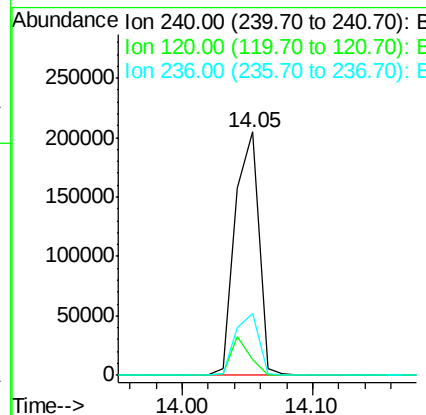
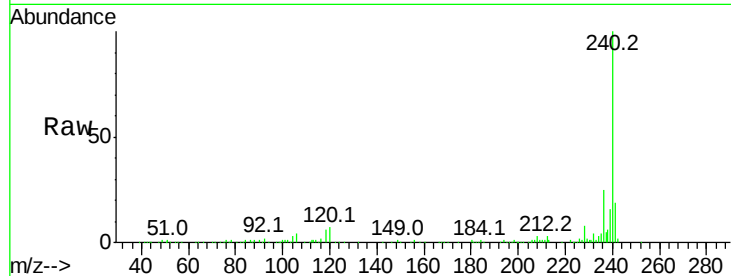
ClientSampleId :

SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
240	100	257959		
120	6.7	8.1	12.1#	
236	25.3	20.8	31.2	

Manual Integrations
APPROVED

MMdadoda
12/17/2015 5:34:09 PM



#76

Benzidine

Concen: 48.57 ng

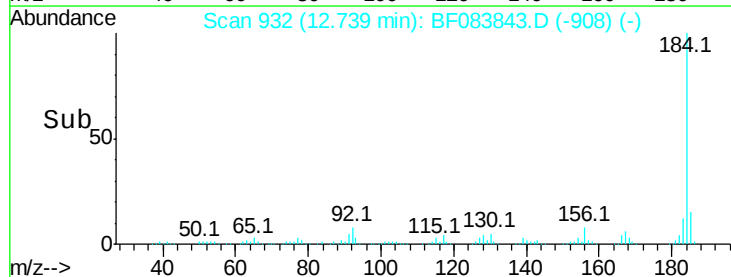
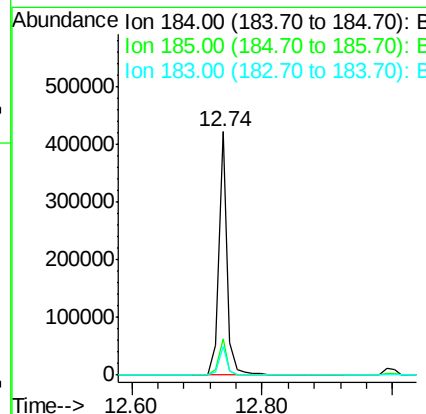
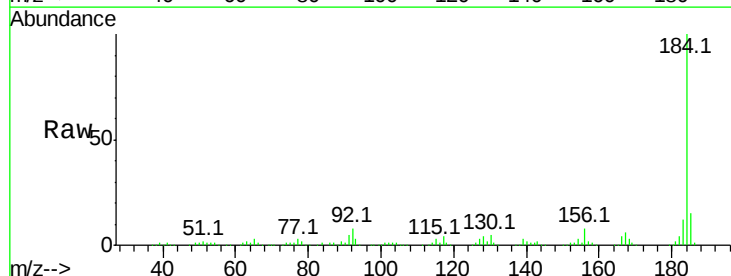
RT: 12.74 min Scan# 932

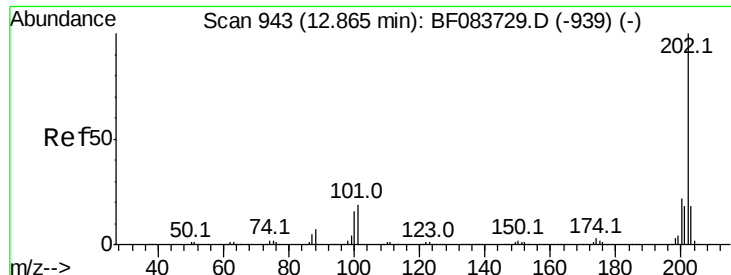
Delta R.T. -0.02 min

Lab File: BF083843.D

Acq: 16 Dec 2015 12:51

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	381828		
185	14.8	13.0	19.6	
183	12.0	9.0	13.4	





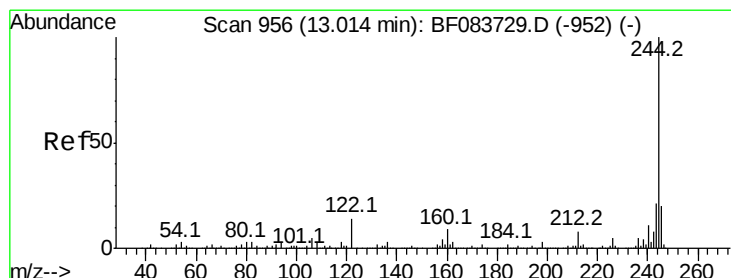
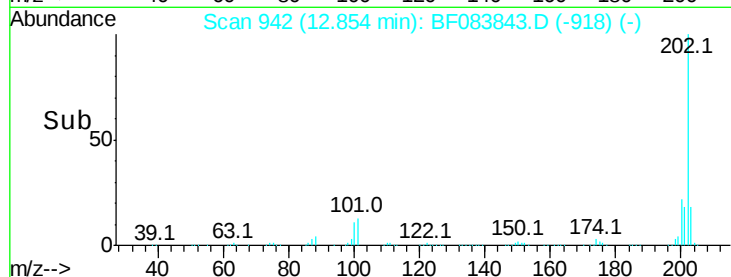
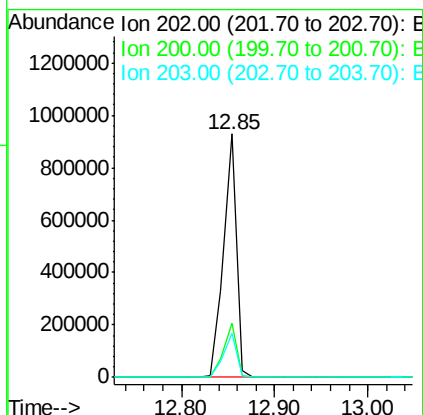
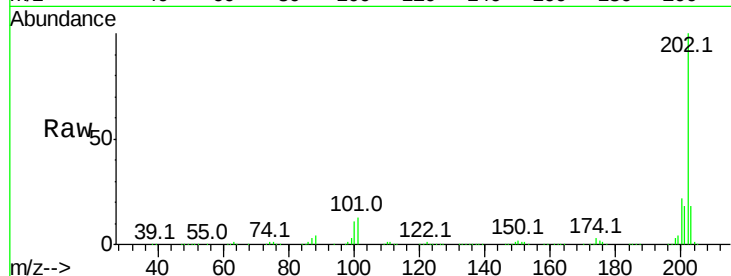
#77
Pvrene
Concen: 43.59 ng
RT: 12.85 min Scan# 942
Delta R.T. -0.02 min
Lab File: BF083843.D
Acq: 16 Dec 2015 12:51

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
202	100		
200	22.1	16.7	25.1
203	17.8	14.3	21.5

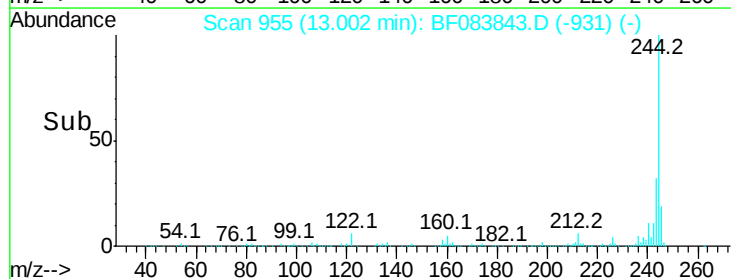
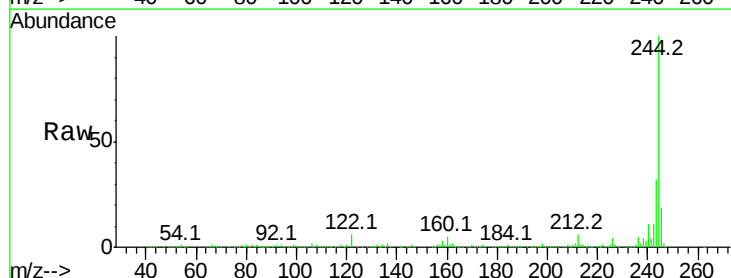
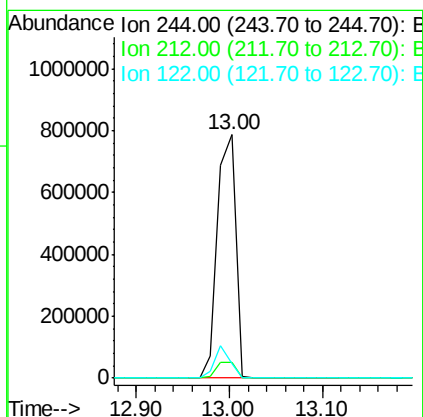
Manual Integrations
APPROVED

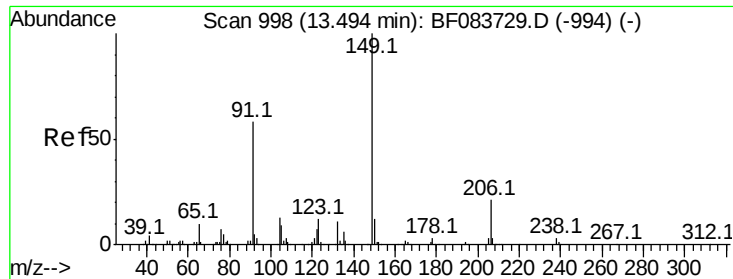
MMdadoda
12/17/2015 5:34:09 PM



#78
Terphenyl-d14
Concen: 89.06 ng
RT: 13.00 min Scan# 955
Delta R.T. -0.02 min
Lab File: BF083843.D
Acq: 16 Dec 2015 12:51

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.5	6.1	9.1
122	6.0	11.0	16.6#





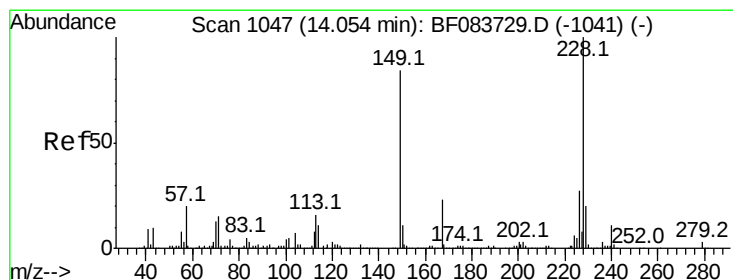
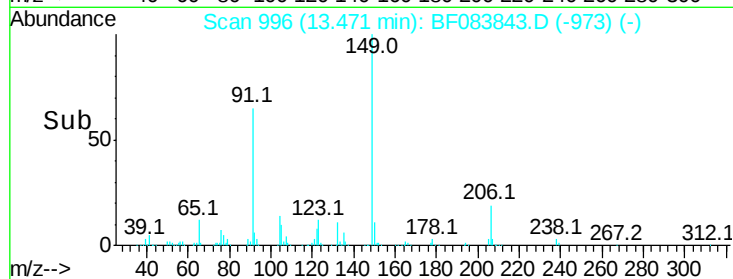
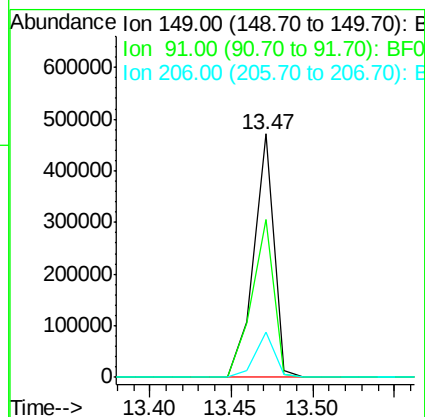
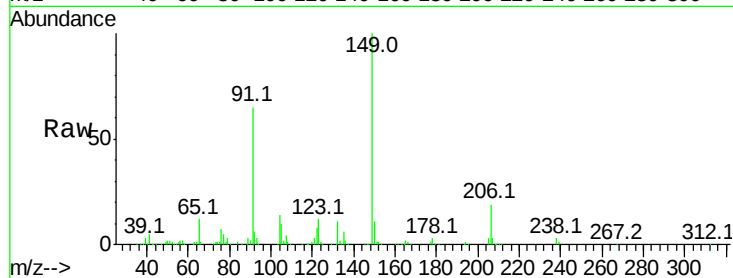
#79
Butylbenzylphthalate
Concen: 46.57 ng
RT: 13.47 min Scan# 996
Delta R.T. -0.03 min
Lab File: BF083843.D
Acq: 16 Dec 2015 12:51

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
149	100	407545		
91	64.9	60.0	90.0	
206	18.7	16.2	24.4	

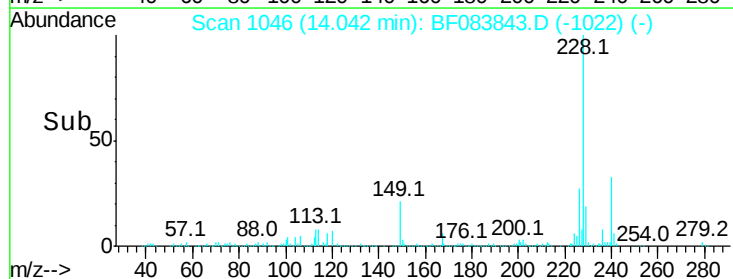
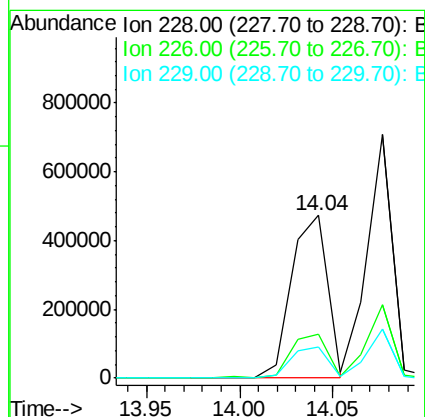
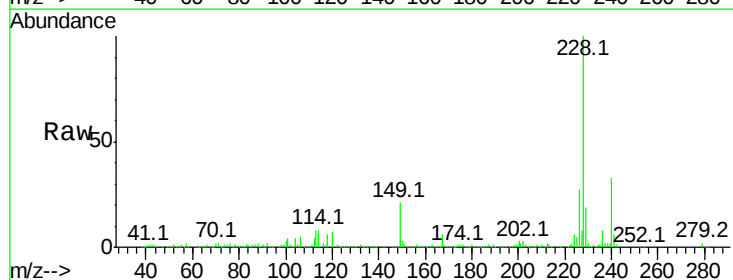
Manual Integrations
APPROVED

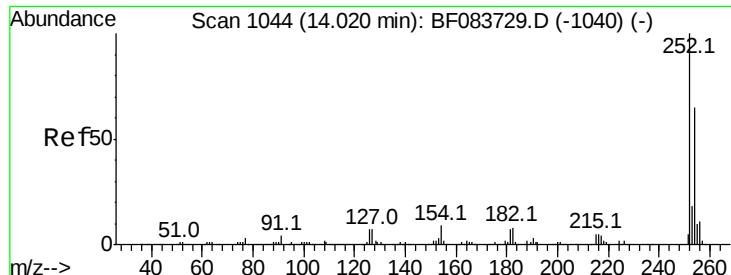
MMdadoda
12/17/2015 5:34:09 PM



#80
Benzo(a)anthracene
Concen: 43.54 ng
RT: 14.04 min Scan# 1046
Delta R.T. -0.02 min
Lab File: BF083843.D
Acq: 16 Dec 2015 12:51

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	638682		
226	27.3	22.3	33.5	
229	19.5	15.7	23.5	





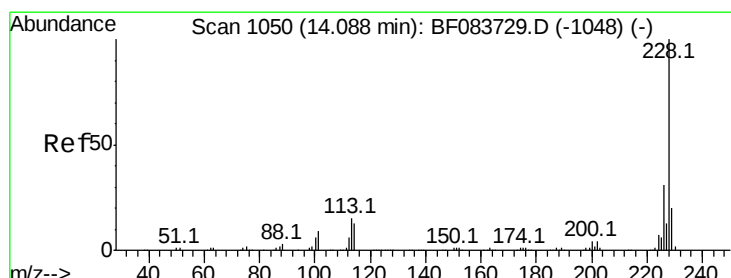
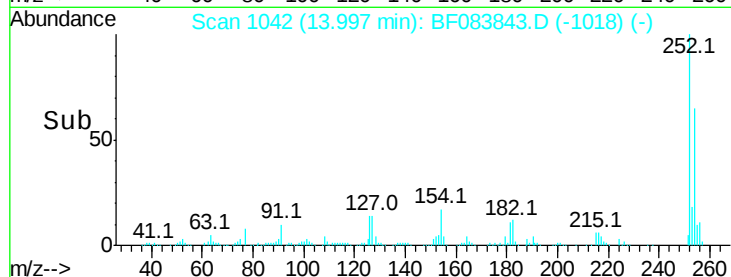
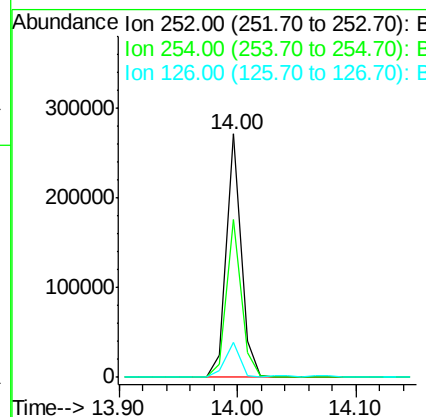
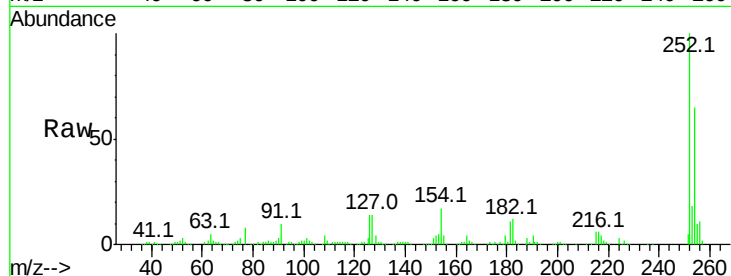
#81
 3,3'-Dichlorobenzidine
 Concen: 44.34 ng
 RT: 14.00 min Scan# 1042
 Delta R.T. -0.02 min
 Lab File: BF083843.D
 Acq: 16 Dec 2015 12:51

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
252	100			
254	65.1	50.6	76.0	
126	14.2	11.0	16.4	

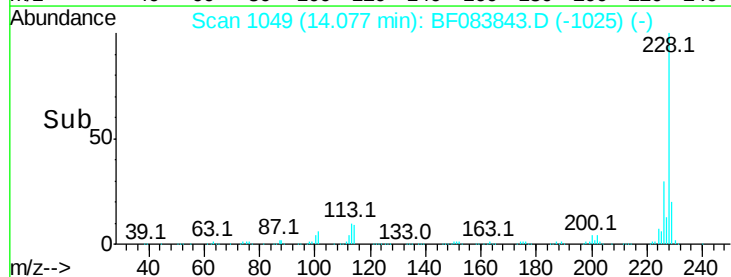
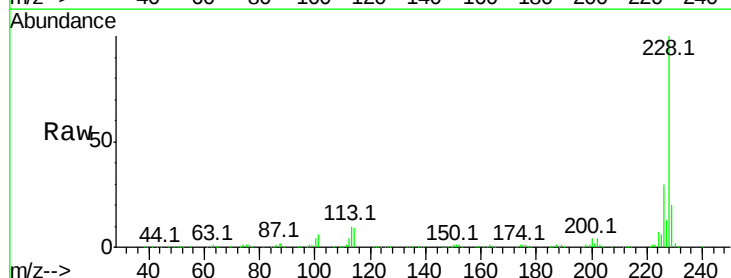
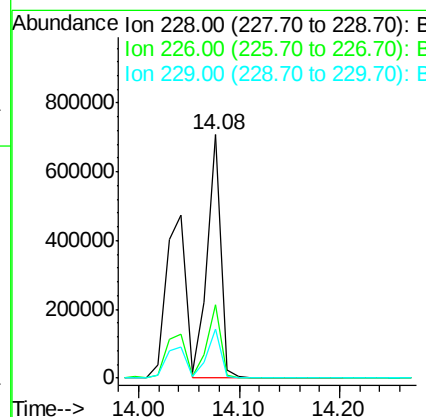
Manual Integrations
 APPROVED

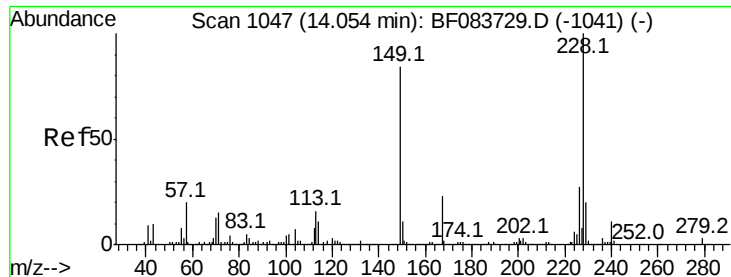
MMdadoda
 12/17/2015 5:34:09 PM



#82
 Chrysene
 Concen: 46.20 ng
 RT: 14.08 min Scan# 1049
 Delta R.T. -0.02 min
 Lab File: BF083843.D
 Acq: 16 Dec 2015 12:51

Tgt Ion	Ratio	Resp	Lower	Upper
228	100			
226	30.1	24.7	37.1	
229	20.1	16.3	24.5	





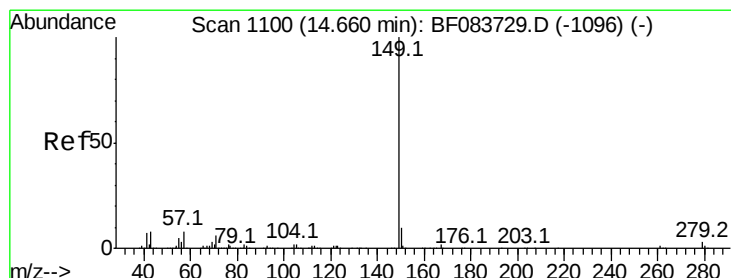
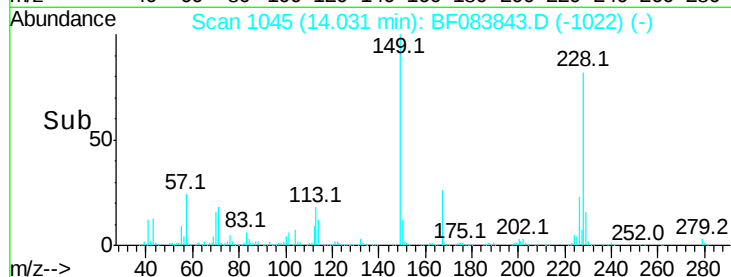
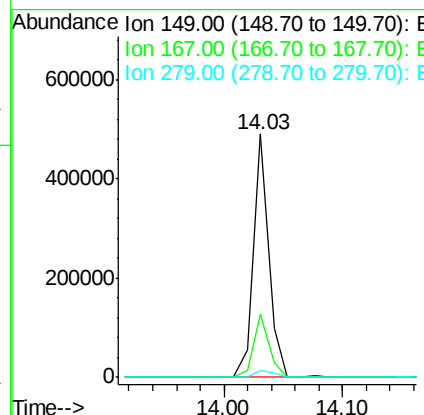
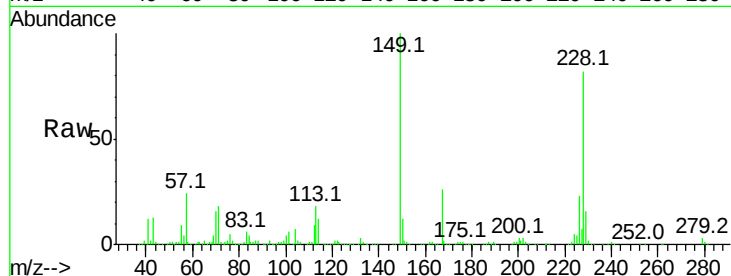
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 45.08 ng
 RT: 14.03 min Scan# 1045
 Delta R.T. -0.03 min
 Lab File: BF083843.D
 Acq: 16 Dec 2015 12:51

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
149	100			
167	26.1	21.8	32.8	
279	2.9	3.0	4.4#	

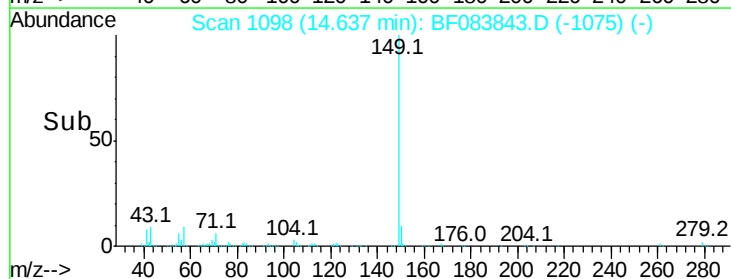
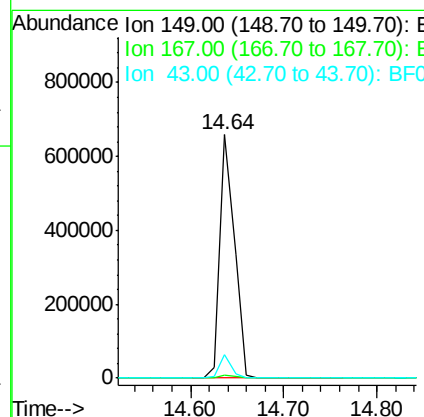
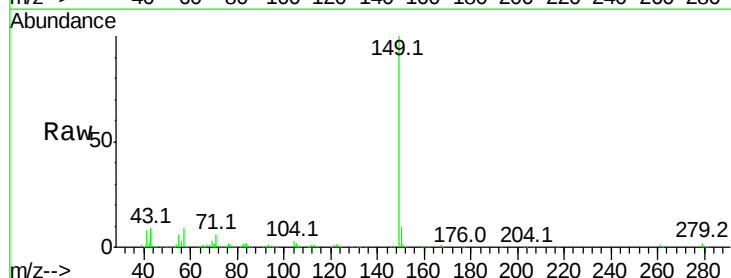
Manual Integrations
 APPROVED

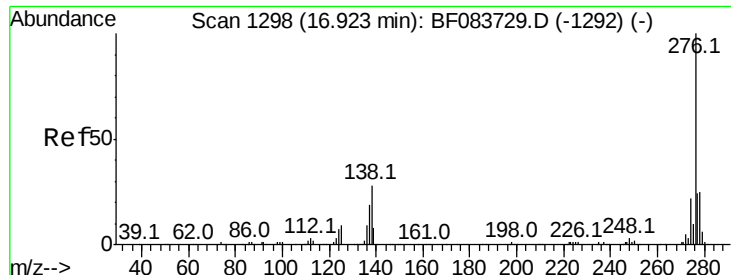
MMdadoda
 12/17/2015 5:34:09 PM



#84
 Di-n-octyl phthalate
 Concen: 44.92 ng
 RT: 14.64 min Scan# 1098
 Delta R.T. -0.03 min
 Lab File: BF083843.D
 Acq: 16 Dec 2015 12:51

Tgt Ion	Ratio	Resp	Lower	Upper
149	100			
167	1.5	0.0	0.0#	
43	7.8	0.0	0.0#	





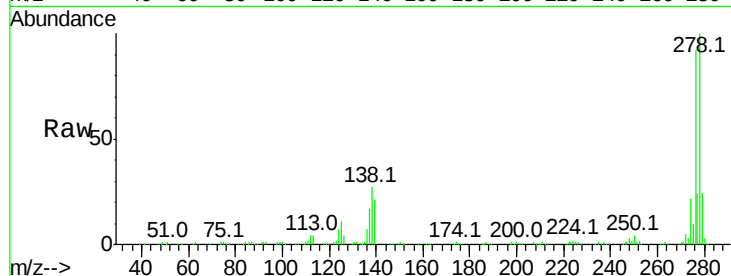
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 42.84 ng
 RT: 16.92 min Scan# 1298
 Delta R.T. -0.02 min
 Lab File: BF083843.D
 Acq: 16 Dec 2015 12:51

Instrument :
 BNA_F
 ClientSampleId :
 SSTCCCC040

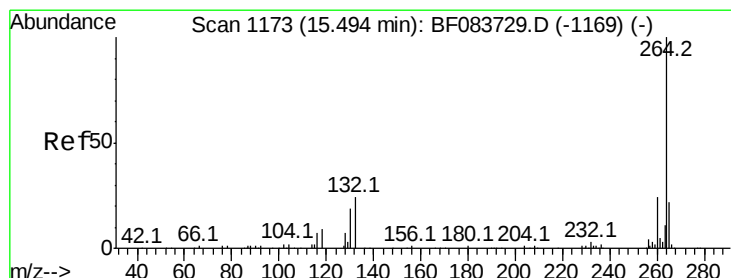
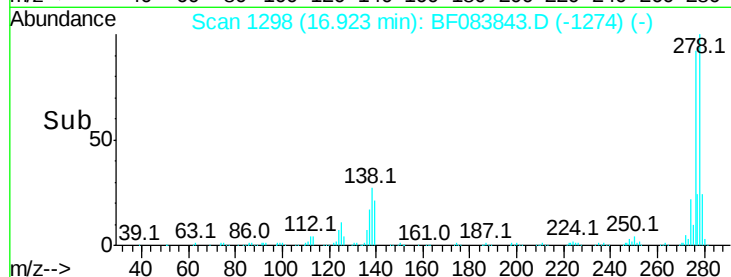
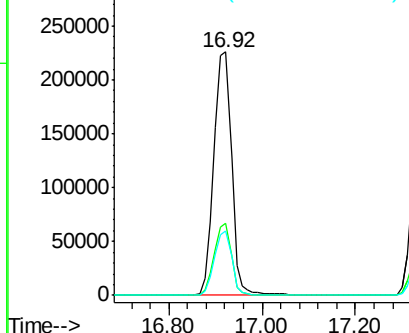
Tot Ion	Ratio	Resp Lower	Upper
276	100		
138	28.6	0.0	0.0#
277	25.8	0.0	0.0#

Manual Integrations
 APPROVED

MMdadoda
 12/17/2015 5:34:09 PM

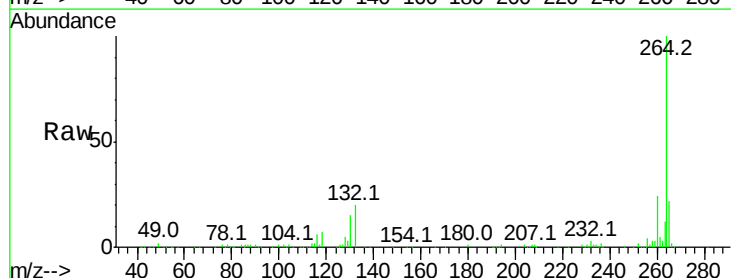


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

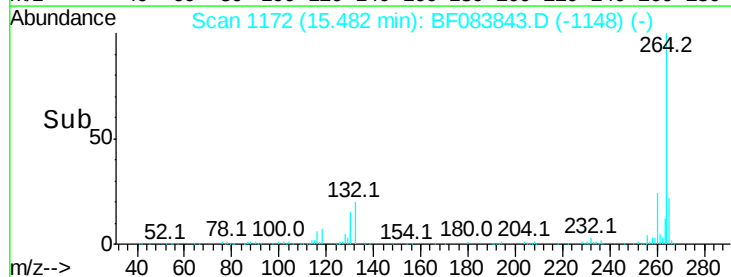
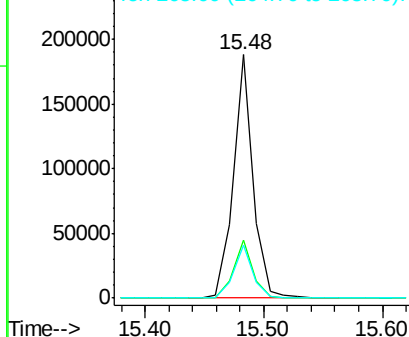


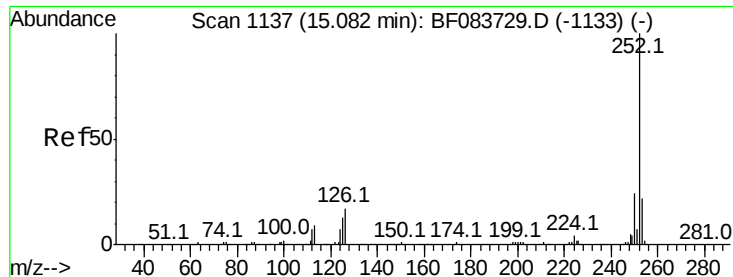
#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.48 min Scan# 1172
 Delta R.T. -0.02 min
 Lab File: BF083843.D
 Acq: 16 Dec 2015 12:51

Tgt Ion	Ratio	Resp Lower	Upper
264	100		
260	23.6	19.4	29.0
265	21.6	17.8	26.6



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





#87

Benzo(b)fluoranthene

Concen: 39.78 ng

RT: 15.07 min Scan# 1136

Delta R.T. -0.02 min

Lab File: BF083843.D

Acq: 16 Dec 2015 12:51

Instrument :

BNA_F

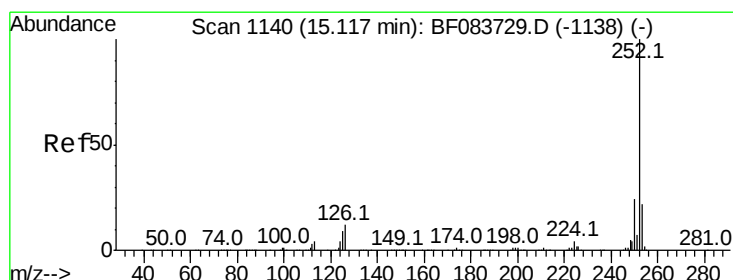
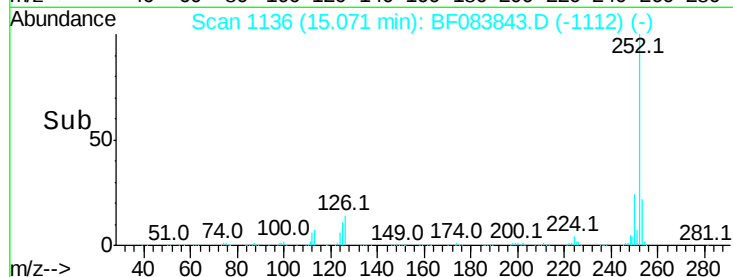
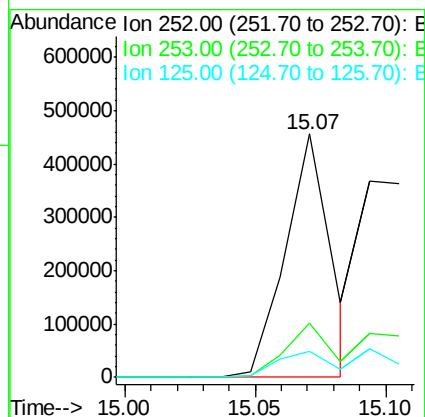
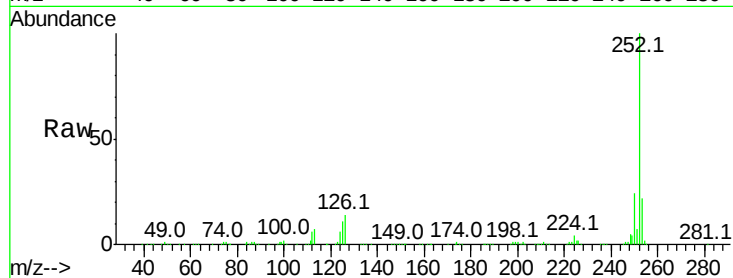
ClientSampleId :

SSTDCCC040

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.1	18.2	27.4
125	10.9	8.2	12.4

Manual Integrations
APPROVED

MMdadoda
12/17/2015 5:34:09 PM



#88

Benzo(k)fluoranthene

Concen: 42.08 ng m

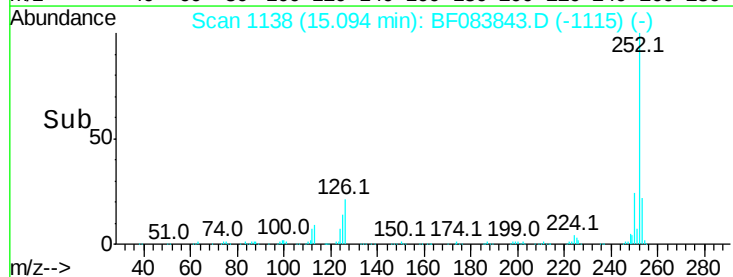
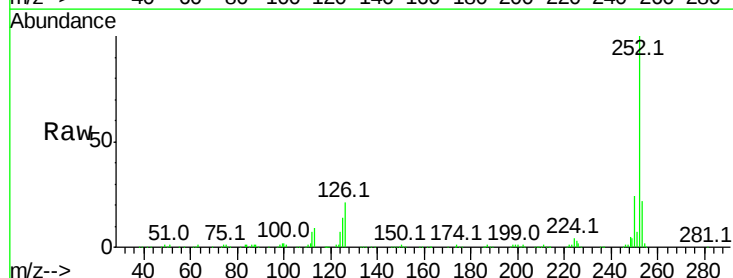
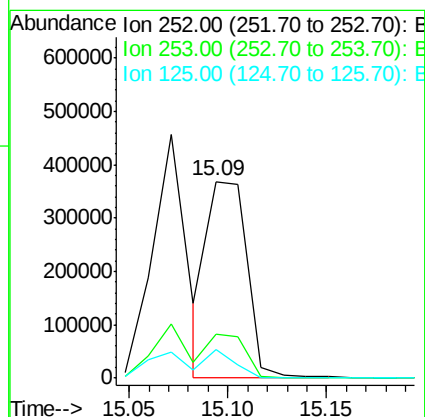
RT: 15.09 min Scan# 1138

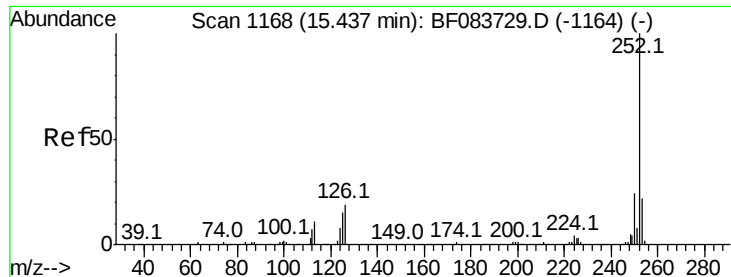
Delta R.T. -0.03 min

Lab File: BF083843.D

Acq: 16 Dec 2015 12:51

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.2	18.6	27.8
125	14.3	11.5	17.3





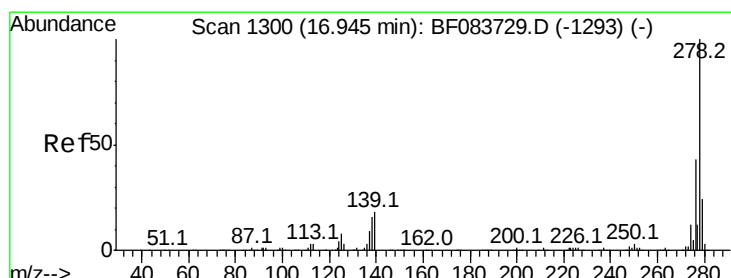
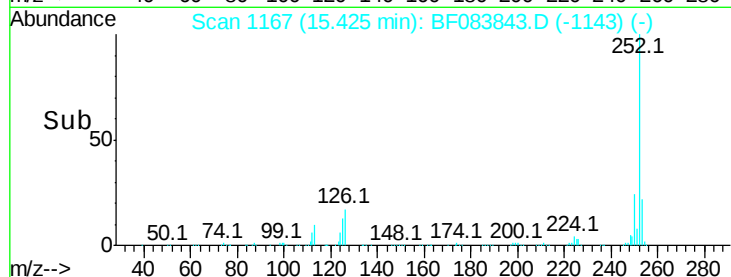
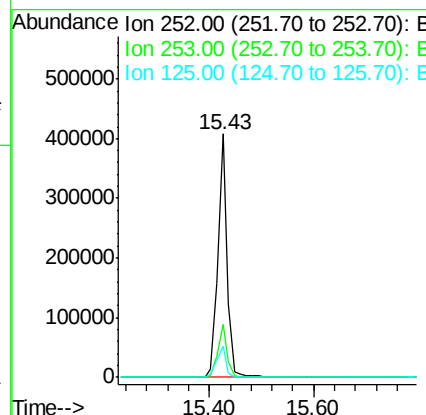
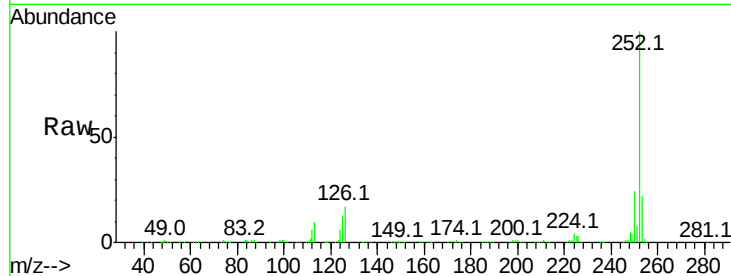
#89
Benzo(a)pyrene
Concen: 40.91 ng
RT: 15.43 min Scan# 1167
Delta R.T. -0.02 min
Lab File: BF083843.D
Acq: 16 Dec 2015 12:51

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.5	26.3
125	13.0	11.0	16.6

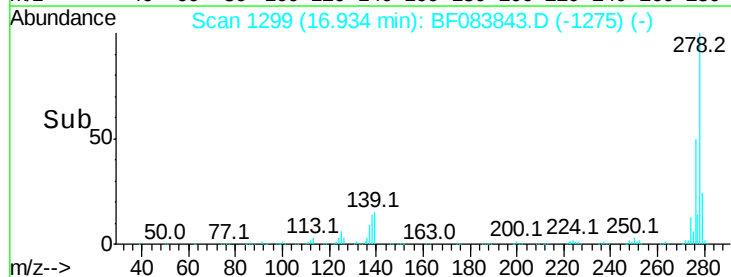
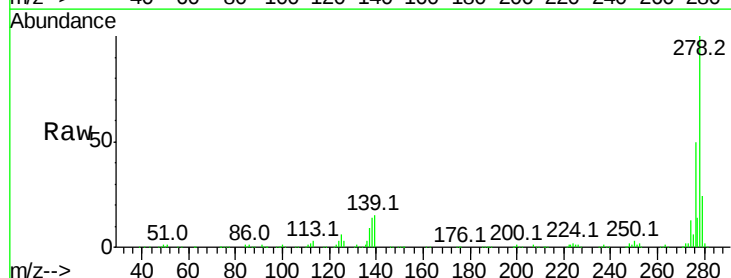
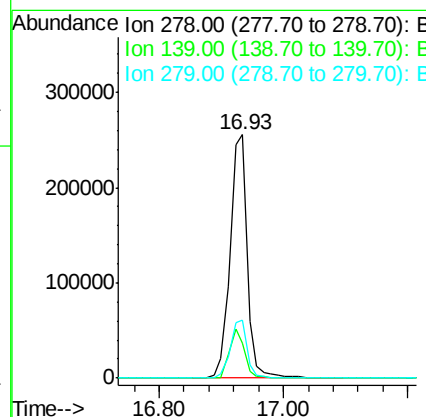
Manual Integrations
APPROVED

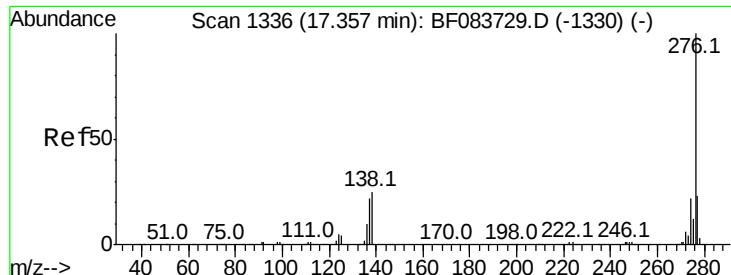
MMdadoda
12/17/2015 5:34:09 PM



#90
Dibenzo(a,h)anthracene
Concen: 40.43 ng
RT: 16.93 min Scan# 1299
Delta R.T. -0.02 min
Lab File: BF083843.D
Acq: 16 Dec 2015 12:51

Tgt Ion	Ratio	Lower	Upper
278	100		
139	14.5	12.8	19.2
279	23.8	18.6	28.0





#91
 Benzo(a,h,i)perylene
 Concen: 41.48 ng
 RT: 17.35 min Scan# 1335
 Delta R.T. -0.03 min
 Lab File: BF083843.D
 Acq: 16 Dec 2015 12:51

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:	276	Resp:	520126
Ion Ratio	Lower	Upper	
276	100		
277	23.0	19.2	28.8
138	23.5	19.5	29.3

Manual Integrations
 APPROVED

MMdadoda
 12/17/2015 5:34:09 PM

