

Data Path : Z:\HPCHEM1\BNA F\DATA\BF121115\
 Data File : BF083699.D
 Acq On : 11 Dec 2015 15:47
 Operator : UM/IZ
 Sample : SSTDICC010
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC010

Manual Integrations
 APPROVED

MMdadoda
 12/14/2015 6:22:18 PM

Quant Time: Dec 11 18:13:22 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 11 17:53:49 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.92	152	156697	20.00	ng	0.00
21) Naphthalene-d8	8.21	136	636243	20.00	ng	0.00
38) Acenaphthene-d10	9.96	164	295191	20.00	ng	0.00
63) Phenanthrene-d10	11.44	188	526179	20.00	ng	-0.01
75) Chrysene-d12	14.07	240	450724	20.00	ng	-0.01
86) Perylene-d12	15.51	264	299666	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	218361	21.14	ng	-0.01
7) Phenol-d6	6.53	99	262514	19.02	ng	-0.01
23) Nitrobenzene-d5	7.48	82	176890	12.97	ng	0.00
41) 2,4,6-Tribromophenol	10.74	330	50133	19.06	ng	-0.01
44) 2-Fluorobiphenyl	9.29	172	446315	21.28	ng	0.00
78) Terphenyl-d14	13.03	244	419312	21.89	ng	0.00

Target Compounds						Qvalue
2) 1,4-Dioxane	2.57	88	51125	10.02	ng	# 84
3) Pyridine	3.30	79	136889	11.04	ng	93
4) n-Nitrosodimethylamine	3.23	42	52094	7.98	ng	# 78
6) Aniline	6.58	93	187917	11.05	ng	# 83
8) 2-Chlorophenol	6.70	128	121177	10.72	ng	86
9) Benzaldehyde	6.46	77	86082	11.74	ng	91
10) Phenol	6.54	94	147625	8.83	ng	80
11) bis(2-Chloroethyl)ether	6.65	93	108691	8.84	ng	100
12) 1,3-Dichlorobenzene	6.86	146	133625	10.61	ng	99
13) 1,4-Dichlorobenzene	6.94	146	133770	10.35	ng	93
14) 1,2-Dichlorobenzene	7.09	146	123729	10.32	ng	99
15) Benzyl Alcohol	7.06	79	95160	9.69	ng	93
16) 2,2'-oxybis(1-Chloropropan	7.21	45	163012	7.17	ng	66
17) 2-Methylphenol	7.17	107	92085	10.02	ng	# 82
18) Hexachloroethane	7.45	117	44215	9.69	ng	96
19) n-Nitroso-di-n-propylamine	7.33	70	78468	8.14	ng	# 86
20) 3+4-Methylphenols	7.32	107	124975	10.32	ng	# 66
22) Acetophenone	7.32	105	162604	9.11	ng	# 84
24) Nitrobenzene	7.49	77	94594	6.28	ng	98
25) Isophorone	7.74	82	218804	8.27	ng	# 89
26) 2-Nitrophenol	7.82	139	26352	4.40	ng	# 75
27) 2,4-Dimethylphenol	7.86	122	109688	10.48	ng	93
28) bis(2-Chloroethoxy)methane	7.95	93	120488	8.20	ng	99
29) 2,4-Dichlorophenol	8.05	162	84803	8.91	ng	93
30) 1,2,4-Trichlorobenzene	8.16	180	98168	9.34	ng	96
31) Naphthalene	8.24	128	335899	9.97	ng	99
32) Benzoic acid	7.92	122	33021	5.60	ng	88
33) 4-Chloroaniline	8.27	127	141190	11.49	ng	# 92
34) Hexachlorobutadiene	8.36	225	53935	8.78	ng	97
35) Caprolactam	8.60	113	26901	9.41	ng	# 76
36) 4-Chloro-3-methylphenol	8.74	107	92130	8.61	ng	96
37) 2-Methylnaphthalene	8.92	142	228696	10.80	ng	97
39) 1,2,4,5-Tetrachlorobenzene	9.09	216	89660	9.25	ng	# 100
40) Hexachlorocyclopentadiene	9.08	237	40145	30.57	ng	97

Data Path : Z:\HPCHEM1\BNA F\DATA\BF121115\
 Data File : BF083699.D
 Acq On : 11 Dec 2015 15:47
 Operator : UM/IZ
 Sample : SSTDICC010
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC010

Manual Integrations
 APPROVED

MMdadoda
 12/14/2015 6:22:18 PM

Quant Time: Dec 11 18:13:22 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 11 17:53:49 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.20	196	62685	10.87	nq	98
43) 2,4,5-Trichlorophenol	9.23	196	62790m	11.00	nq	
45) 1,1'-Biphenyl	9.38	154	261536	10.19	nq	98
46) 2-Chloronaphthalene	9.40	162	193665	10.00	nq	# 89
47) 2-Nitroaniline	9.49	65	34306	4.91	nq	# 81
48) Acenaphthylene	9.82	152	343715	10.76	nq	99
49) Dimethylphthalate	9.68	163	229057	9.75	nq	100
50) 2,6-Dinitrotoluene	9.73	165	33095	6.82	nq	92
51) Acenaphthene	10.00	154	199662	10.92	nq	99
52) 3-Nitroaniline	9.89	138	33486	6.49	nq	# 93
53) 2,4-Dinitrophenol	10.00	184	4404	2.13	nq	# 1
54) Dibenzofuran	10.17	168	267966	10.57	nq	99
55) 4-Nitrophenol	10.04	139	31661	13.95	nq	92
56) 2,4-Dinitrotoluene	10.13	165	38251	5.94	nq	# 79
57) Fluorene	10.51	166	224050	10.12	nq	98
58) 2,3,4,6-Tetrachlorophenol	10.28	232	42871	10.14	nq	# 100
59) Diethylphthalate	10.37	149	208734	9.14	nq	96
60) 4-Chlorophenyl-phenylether	10.50	204	96187	9.13	nq	89
61) 4-Nitroaniline	10.50	138	32179	6.87	nq	# 73
62) Azobenzene	10.66	77	213343	8.49	nq	96
64) 4,6-Dinitro-2-methylphenol	10.53	198	7885	2.50	nq	# 74
65) n-Nitrosodiphenylamine	10.61	169	198113	11.41	nq	99
66) 4-Bromophenyl-phenylether	10.99	248	61573	10.49	nq	99
67) Hexachlorobenzene	11.06	284	65528	10.52	nq	# 82
68) Atrazine	11.14	200	55499	10.74	nq	96
69) Pentachlorophenol	11.24	266	32117	23.56	nq	98
70) Phenanthrene	11.46	178	304913	10.09	nq	99
71) Anthracene	11.52	178	338107	10.80	nq	99
72) Carbazole	11.66	167	312918	11.65	nq	98
73) Di-n-butylphthalate	12.01	149	336484	9.96	nq	99
74) Fluoranthene	12.65	202	347142	11.22	nq	99
76) Benzidine	12.76	184	183598	13.10	nq	97
77) Pyrene	12.88	202	355068	10.94	nq	99
79) Butylbenzylphthalate	13.49	149	96136	6.67	nq	# 74
80) Benzo(a)anthracene	14.05	228	279599	10.60	nq	99
81) 3,3'-Dichlorobenzidine	14.02	252	85074	9.55	nq	99
82) Chrysene	14.10	228	268652	10.16	nq	98
83) Bis(2-ethylhexyl)phthalate	14.07	149	118553	5.93	nq	# 97
84) Di-n-octyl phthalate	14.67	149	129869	4.25	nq	# 100
85) Indeno(1,2,3-cd)pyrene	16.93	276	178522	10.00	nq	# 100
87) Benzo(b)fluoranthene	15.09	252	199010	11.66	nq	98
88) Benzo(k)fluoranthene	15.12	252	191047m	10.16	nq	
89) Benzo(a)pyrene	15.45	252	172555	10.36	nq	99
90) Dibenzo(a,h)anthracene	16.96	278	147789	11.61	nq	98
91) Benzo(g,h,i)perylene	17.36	276	156849	12.64	nq	97

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

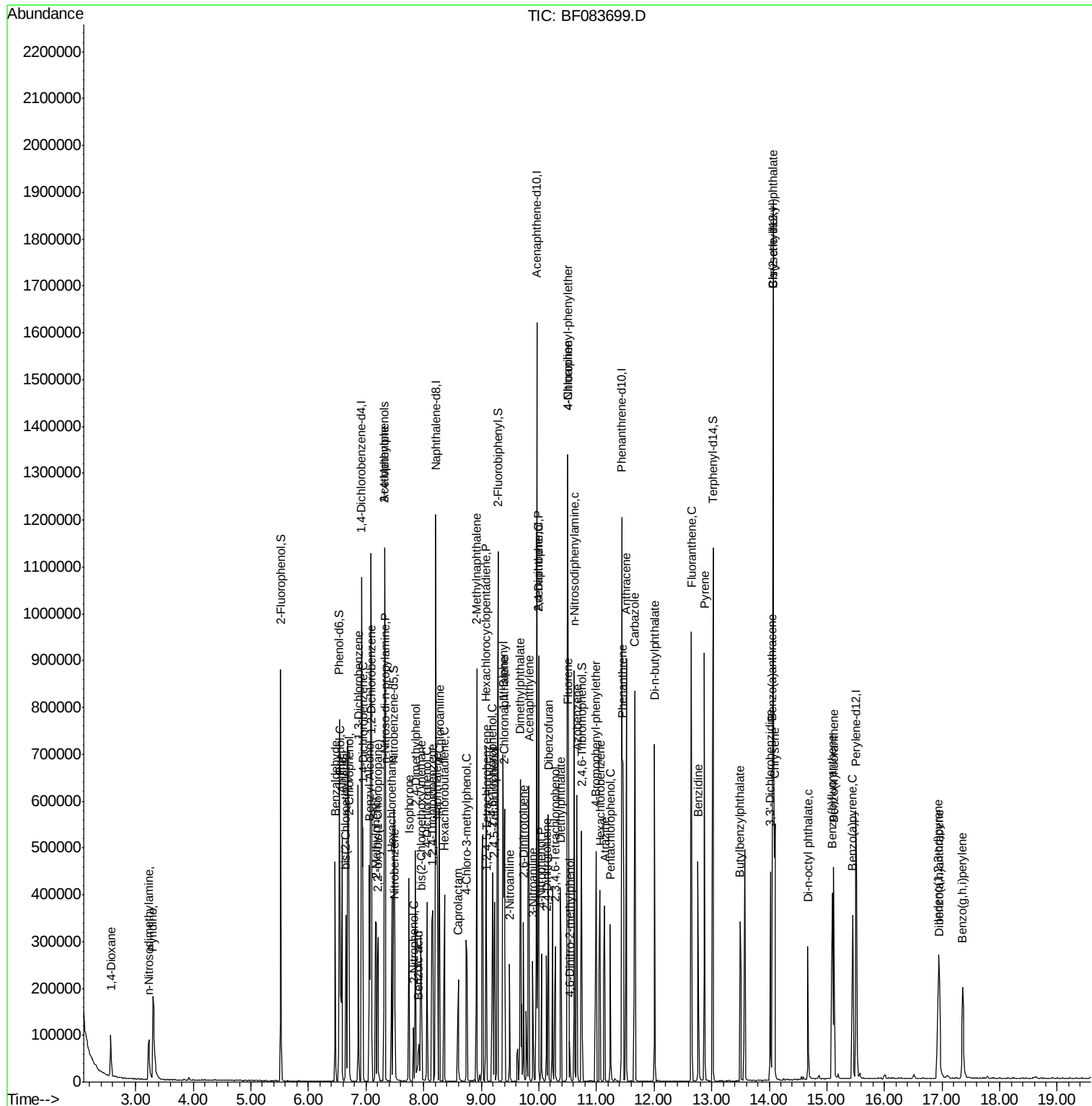
```
Data Path : Z:\HPCHEM1\BNA F\DATA\BF121115\  
Data File : BF083699.D  
Acq On    : 11 Dec 2015   15:47  
Operator  : UM/IZ  
Sample    : SSTDICC010  
Misc      :  
ALS Vial  : 4      Sample Multiplier: 1
```

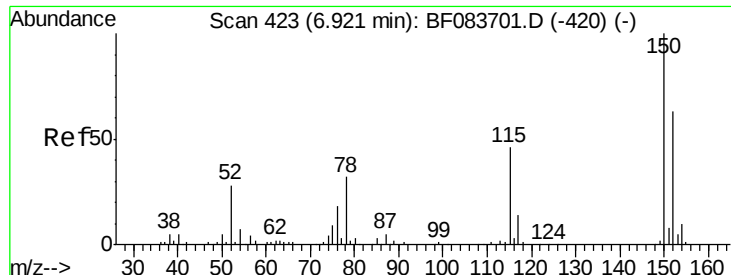
Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Manual Integrations APPROVED

MMdadoda
12/14/2015 6:22:18 PM

Quant Time: Dec 11 18:13:22 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 11 17:53:49 2015
Response via : Initial Calibration





#1

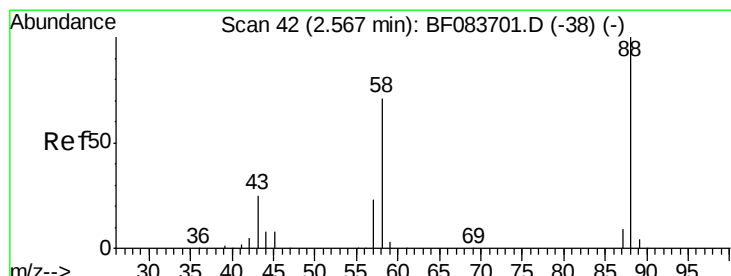
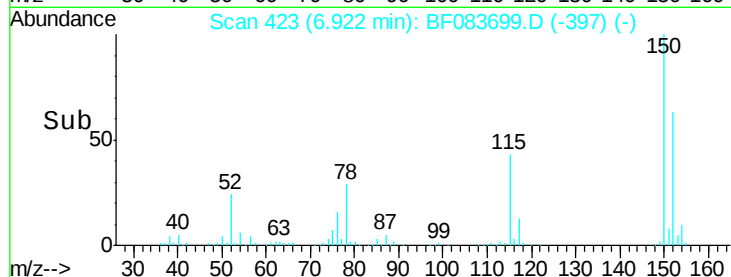
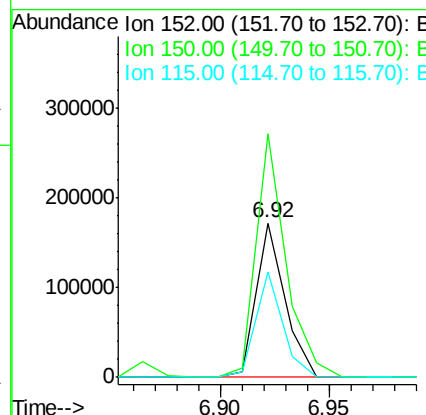
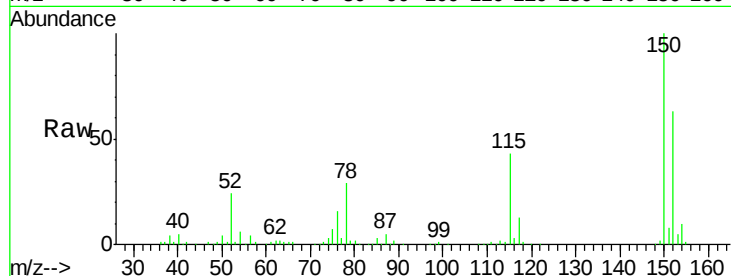
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.92 min Scan# 423
Delta R.T. 0.00 min
Lab File: BF083699.D
Acq: 11 Dec 2015 15:47

Instrument :
BNA_F
ClientSampleId :
SSTDIC010

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.1	126.5	189.7
115	68.7	52.3	78.5

Manual Integrations
APPROVED

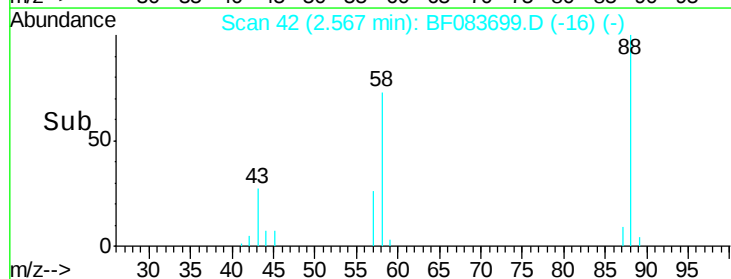
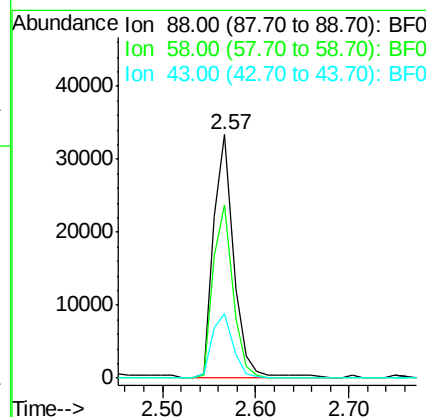
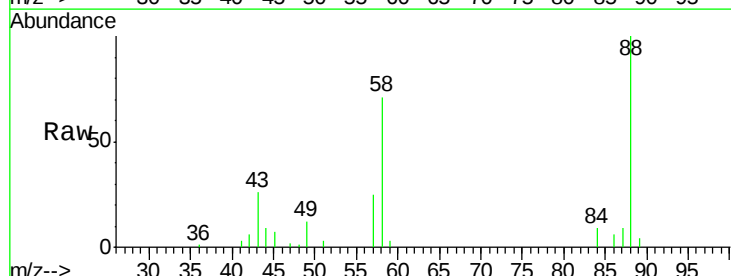
MMdadoda
12/14/2015 6:22:18 PM

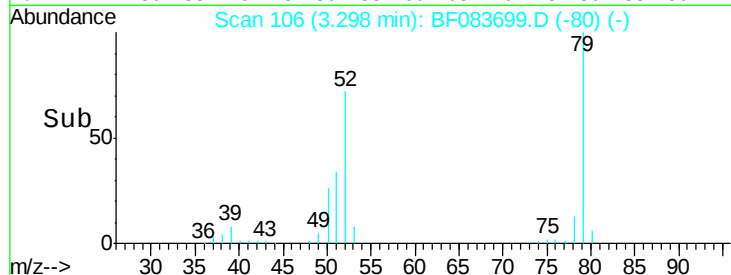
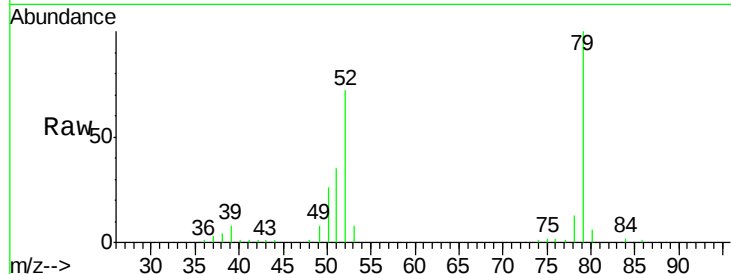
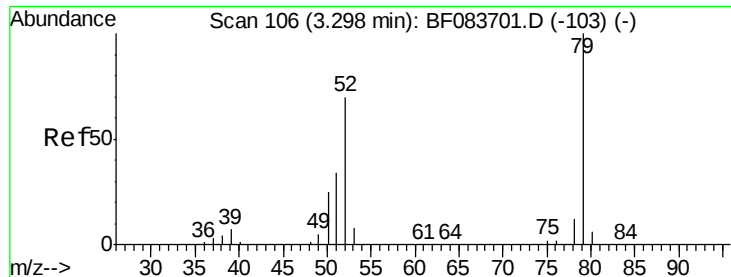


#2

1,4-Dioxane
Concen: 10.02 ng
RT: 2.57 min Scan# 42
Delta R.T. 0.00 min
Lab File: BF083699.D
Acq: 11 Dec 2015 15:47

Tgt Ion	Ratio	Lower	Upper
88	100		
58	68.7	68.0	102.0
43	27.4	27.9	41.9#





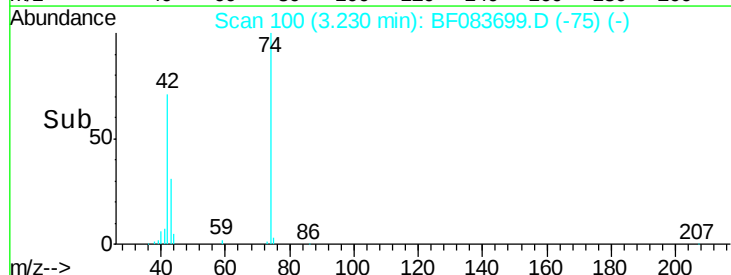
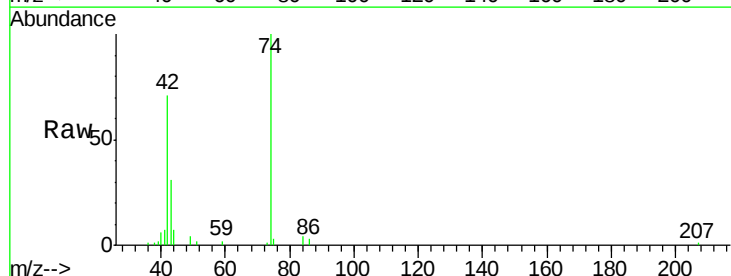
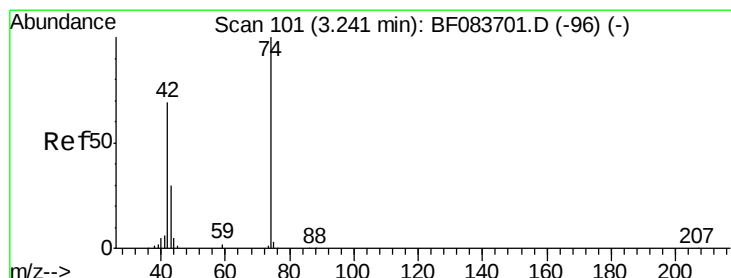
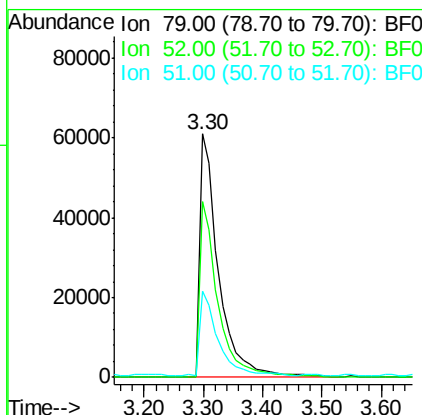
#3
 Pvridine
 Concen: 11.04 ng
 RT: 3.30 min Scan# 106
 Delta R.T. 0.00 min
 Lab File: BF083699.D
 Acq: 11 Dec 2015 15:47

Tot Ion:	79	Resp:	136889
Ion	Ratio	Lower	Upper
79	100		
52	72.0	63.7	95.5
51	35.2	30.6	45.8

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC010

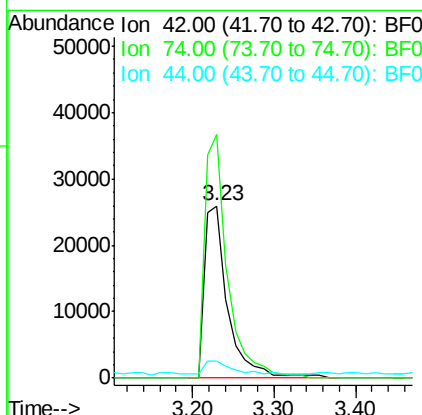
Manual Integrations
 APPROVED

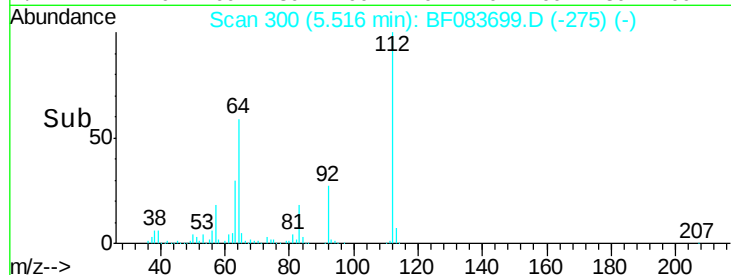
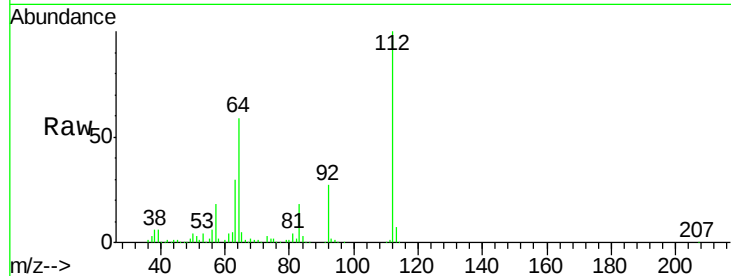
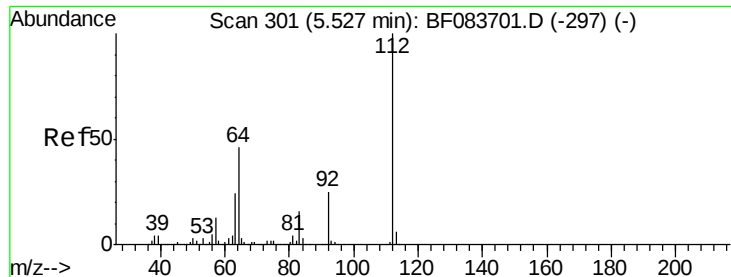
MMdadoda
 12/14/2015 6:22:18 PM



#4
 n-Nitrosodimethylamine
 Concen: 7.98 ng
 RT: 3.23 min Scan# 100
 Delta R.T. -0.01 min
 Lab File: BF083699.D
 Acq: 11 Dec 2015 15:47

Tgt Ion:	42	Resp:	52094
Ion	Ratio	Lower	Upper
42	100		
74	141.4	92.9	139.3#
44	9.6	5.7	8.5#





#5

2-Fluorophenol

Concen: 21.14 ng

RT: 5.52 min Scan# 300

Delta R.T. -0.01 min

Lab File: BF083699.D

Acq: 11 Dec 2015 15:47

Tot Ion	Ion	Ratio	Resp	Lower	Upper
112	100		218361		
64	59.2	50.5	75.7		
63	30.0	25.8	38.6		

Instrument :

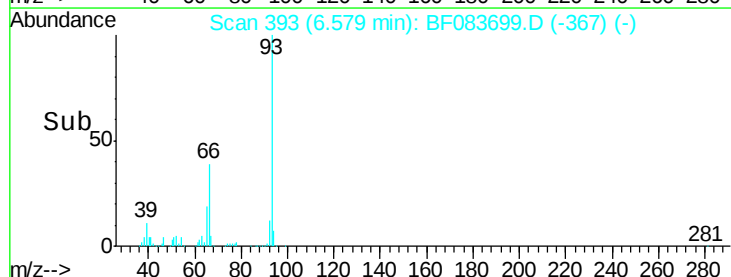
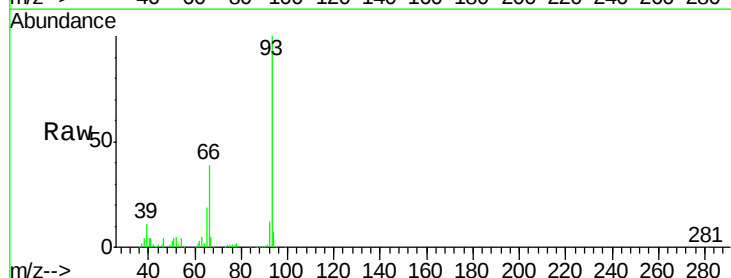
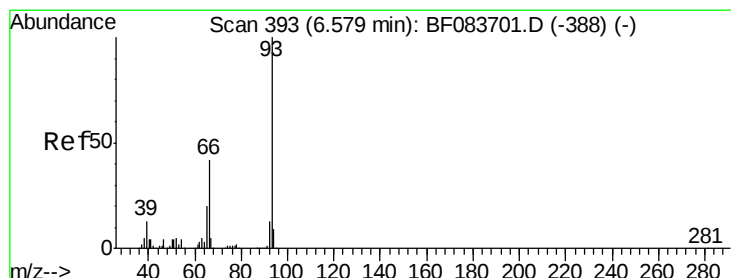
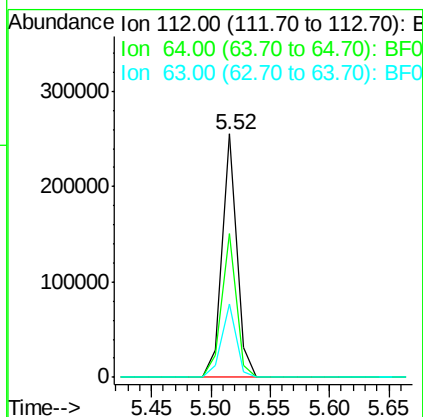
BNA_F

ClientSampleId :

SSTDIC010

Manual Integrations
APPROVED

MMdadoda
12/14/2015 6:22:18 PM



#6

Aniline

Concen: 11.05 ng

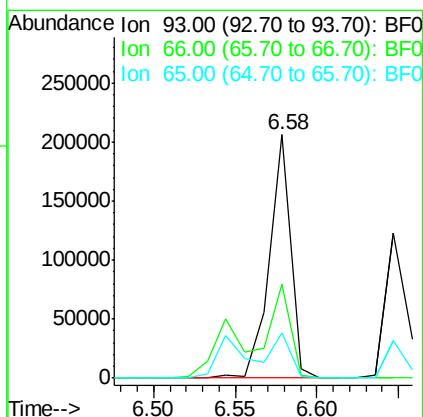
RT: 6.58 min Scan# 393

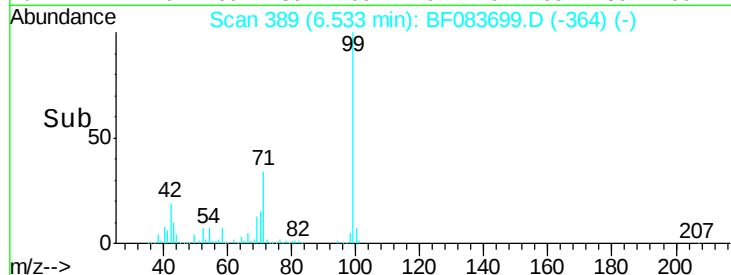
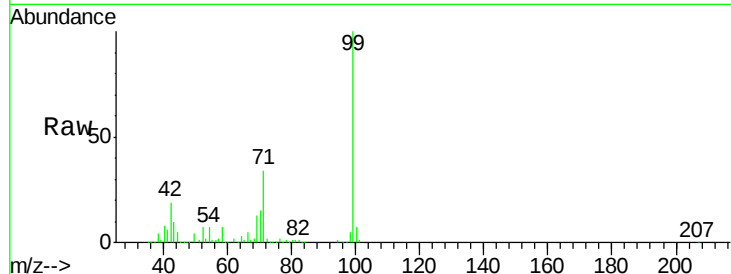
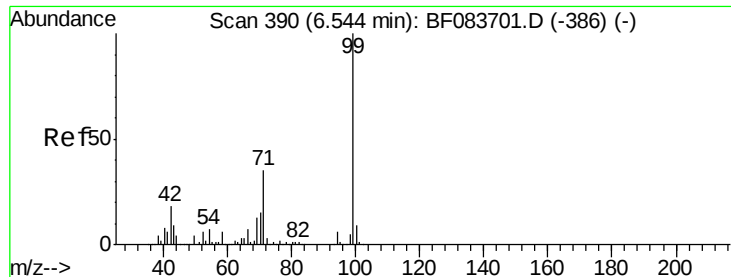
Delta R.T. 0.00 min

Lab File: BF083699.D

Acq: 11 Dec 2015 15:47

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
93	100		187917		
66	38.6	41.3	61.9#		
65	18.8	20.8	31.2#		





#7

Phenol-d6

Concen: 19.02 ng

RT: 6.53 min Scan# 389

Delta R.T. -0.01 min

Lab File: BF083699.D

Acq: 11 Dec 2015 15:47

Tot Ion:	99	Resp:	262514
Ion Ratio	Lower	Upper	
99	100		
42	18.9	17.3	25.9
71	33.9	26.6	40.0

Instrument :

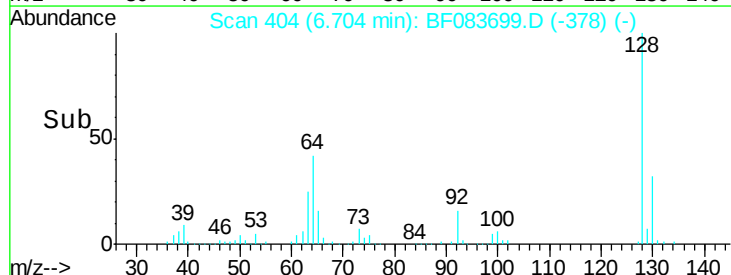
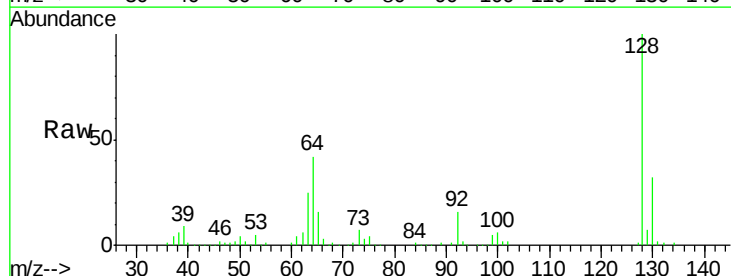
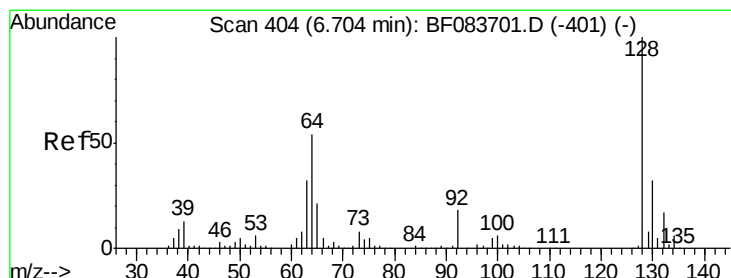
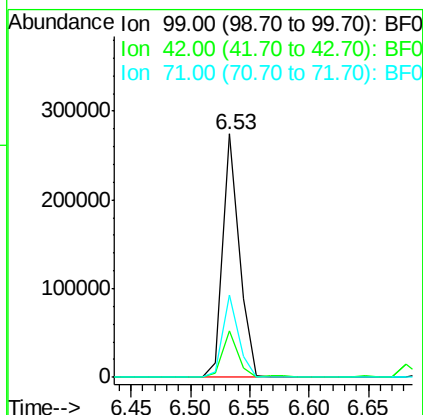
BNA_F

ClientSampleId :

SSTDIC010

Manual Integrations
APPROVED

MMdadoda
12/14/2015 6:22:18 PM



#8

2-Chlorophenol

Concen: 10.72 ng

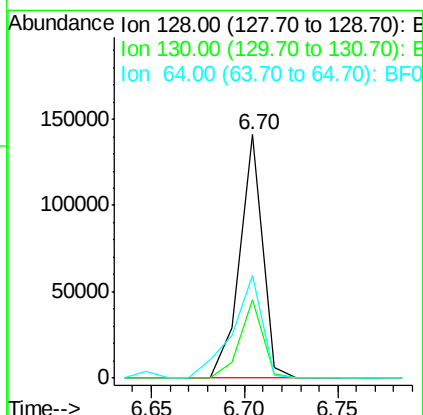
RT: 6.70 min Scan# 404

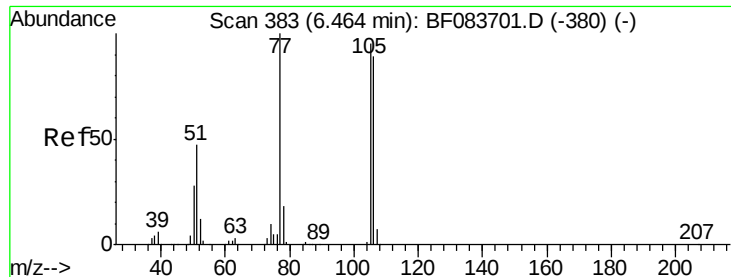
Delta R.T. 0.00 min

Lab File: BF083699.D

Acq: 11 Dec 2015 15:47

Tgt Ion:	128	Resp:	121177
Ion Ratio	Lower	Upper	
128	100		
130	32.5	12.6	52.6
64	42.4	38.6	78.6





#9

Benzaldehyde

Concen: 11.74 ng

RT: 6.46 min Scan# 383

Delta R.T. 0.00 min

Lab File: BF083699.D

Acq: 11 Dec 2015 15:47

Instrument :

BNA_F

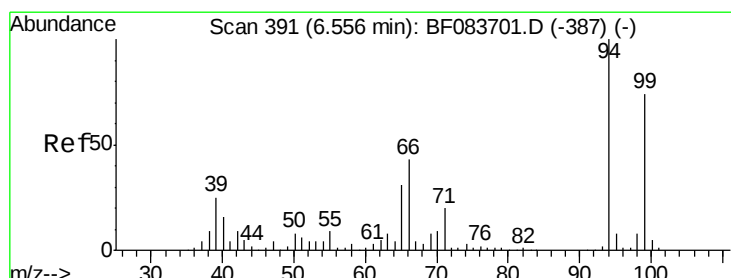
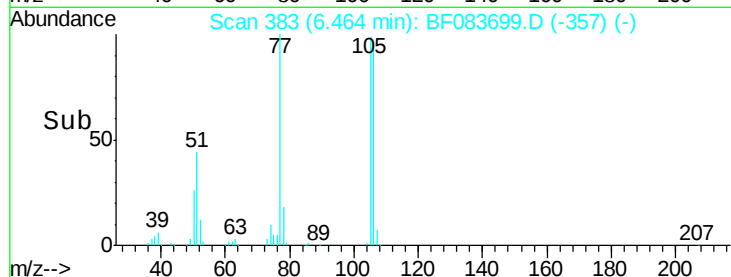
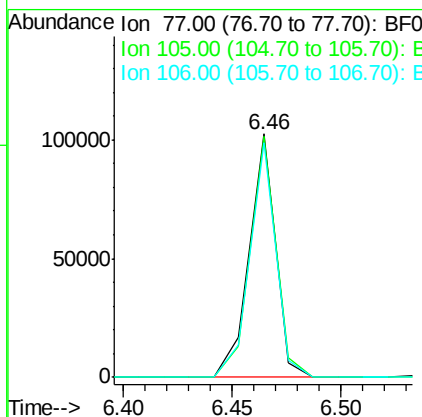
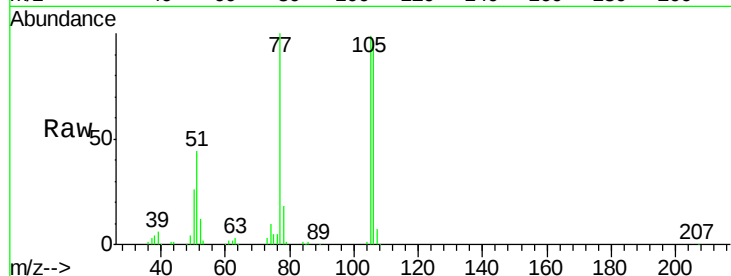
ClientSampleId :

SSTDICC010

Tot Ion:	77	Resp:	86082
Ion	Ratio	Lower	Upper
77	100		
105	99.0	71.8	111.8
106	96.4	66.8	106.8

Manual Integrations
APPROVED

MMdadoda
12/14/2015 6:22:18 PM



#10

Phenol

Concen: 8.83 ng

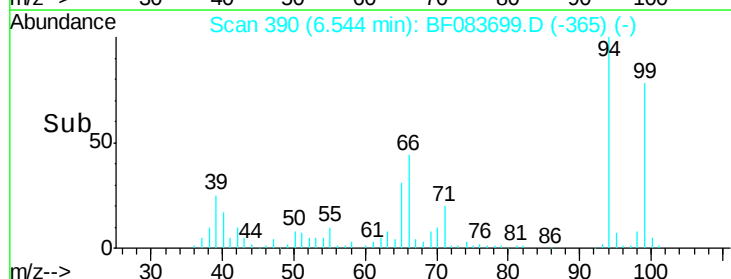
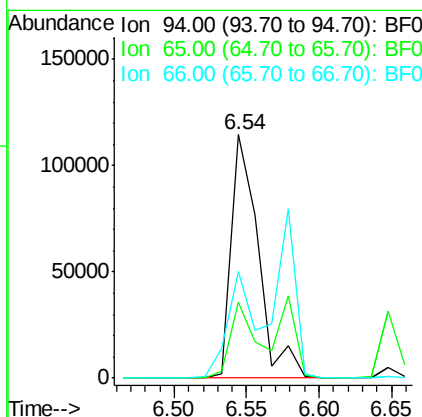
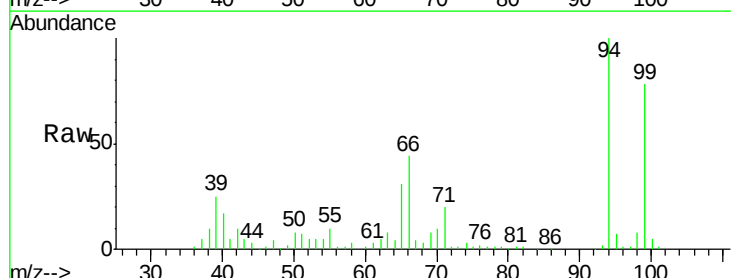
RT: 6.54 min Scan# 390

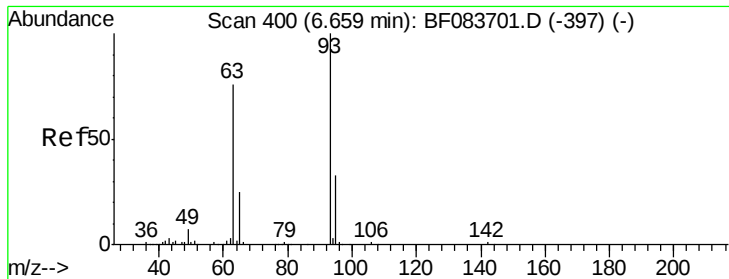
Delta R.T. -0.01 min

Lab File: BF083699.D

Acq: 11 Dec 2015 15:47

Tgt Ion:	94	Resp:	147625
Ion	Ratio	Lower	Upper
94	100		
65	31.1	20.9	60.9
66	43.8	41.6	81.6





#11

bis(2-Chloroethyl)ether

Concen: 8.84 ng

RT: 6.65 min Scan# 399

Delta R.T. -0.01 min

Lab File: BF083699.D

Acq: 11 Dec 2015 15:47

Instrument :

BNA_F

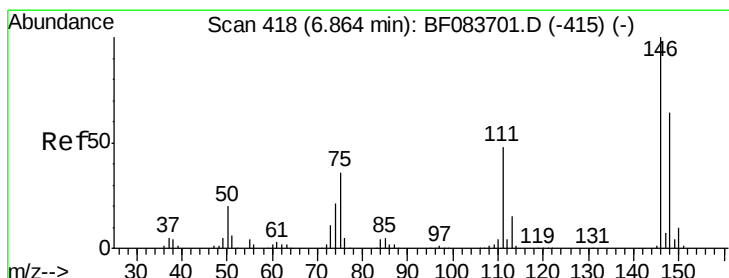
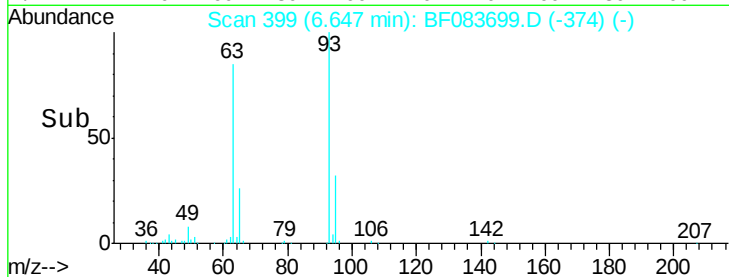
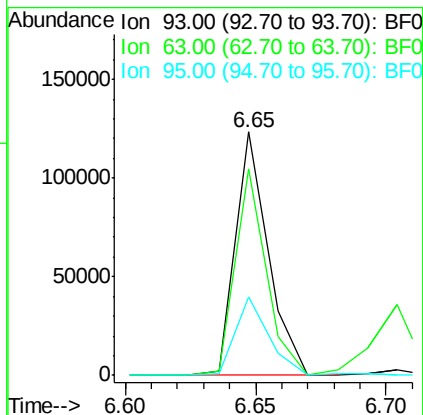
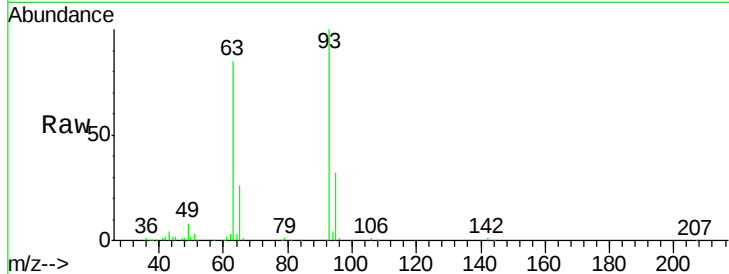
ClientSampleId :

SSTDICC010

Tot Ion:	93	Resp:	108691
Ion Ratio	Lower	Upper	
93	100		
63	84.9	64.7	104.7
95	32.3	12.7	52.7

Manual Integrations
APPROVED

MMdadoda
12/14/2015 6:22:18 PM



#12

1,3-Dichlorobenzene

Concen: 10.61 ng

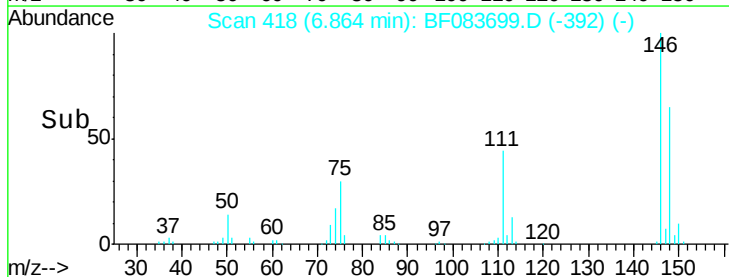
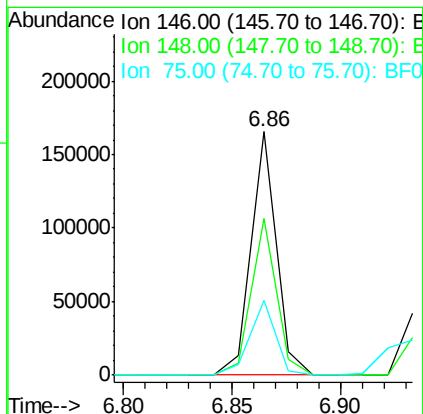
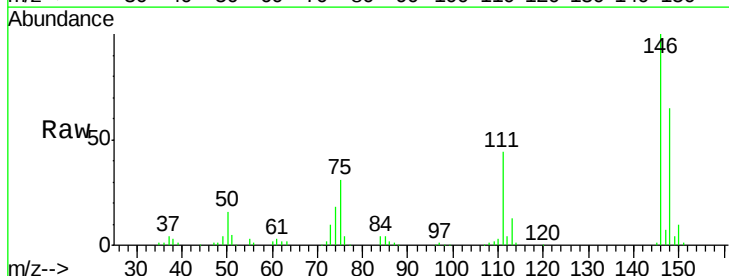
RT: 6.86 min Scan# 418

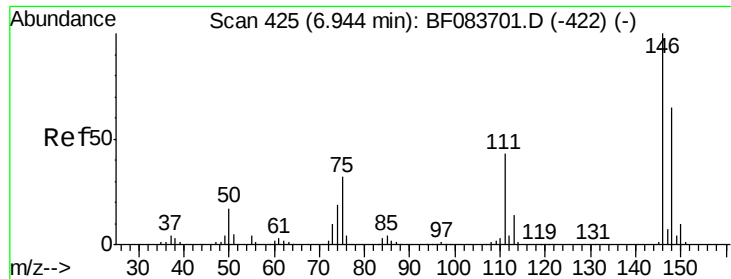
Delta R.T. 0.00 min

Lab File: BF083699.D

Acq: 11 Dec 2015 15:47

Tgt Ion:	146	Resp:	133625
Ion Ratio	Lower	Upper	
146	100		
148	64.5	51.3	76.9
75	30.5	24.1	36.1





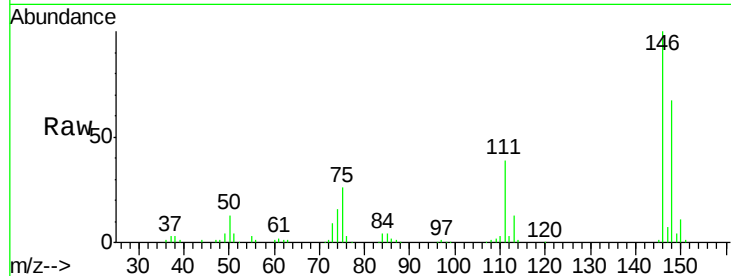
#13
 1,4-Dichlorobenzene
 Concen: 10.35 ng
 RT: 6.94 min Scan# 425
 Delta R.T. 0.00 min
 Lab File: BF083699.D
 Acq: 11 Dec 2015 15:47

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC010

Tot Ion	Ratio	Lower	Upper
146	100		
148	67.1	50.6	76.0
111	38.8	36.1	54.1

Manual Integrations
 APPROVED

MMdadoda
 12/14/2015 6:22:18 PM

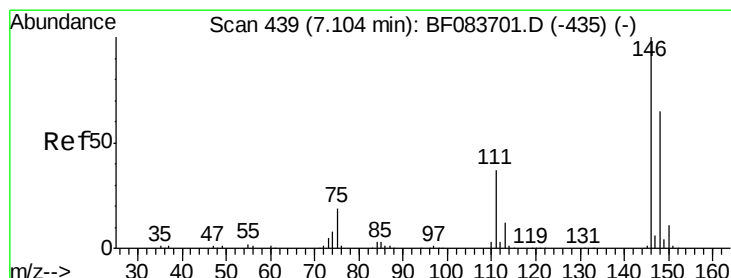
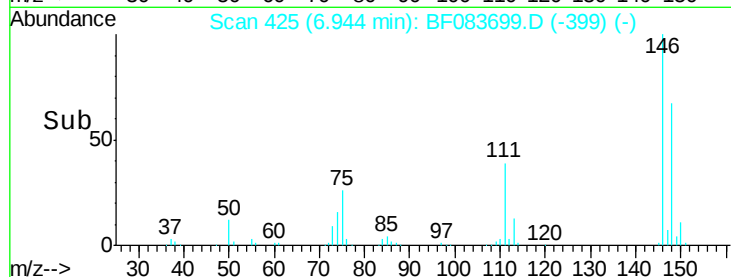
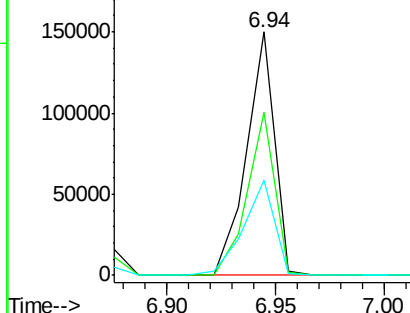


Abundance

Ion 146.00 (145.70 to 146.70): E

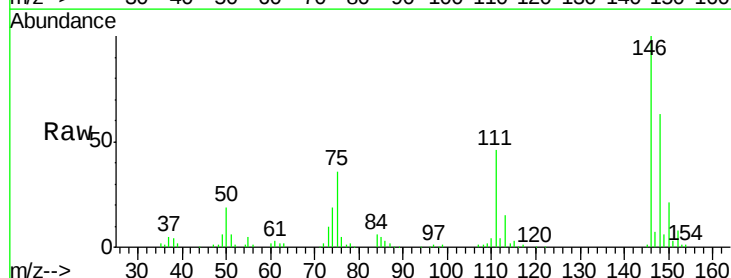
Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14
 1,2-Dichlorobenzene
 Concen: 10.32 ng
 RT: 7.09 min Scan# 438
 Delta R.T. -0.01 min
 Lab File: BF083699.D
 Acq: 11 Dec 2015 15:47

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.7	51.4	77.0
111	46.5	36.7	55.1

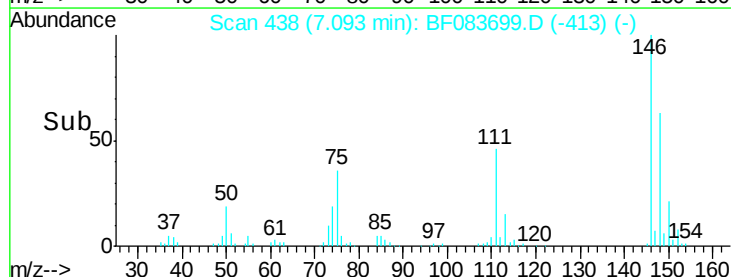
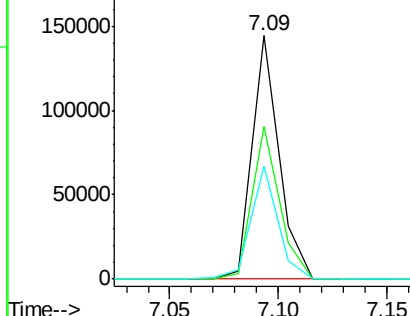


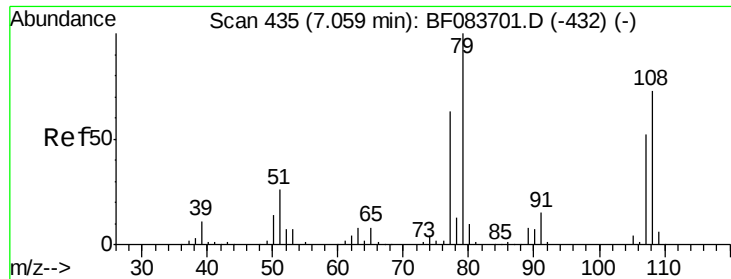
Abundance

Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 9.69 ng

RT: 7.06 min Scan# 435

Delta R.T. 0.00 min

Lab File: BF083699.D

Acq: 11 Dec 2015 15:47

Instrument :

BNA_F

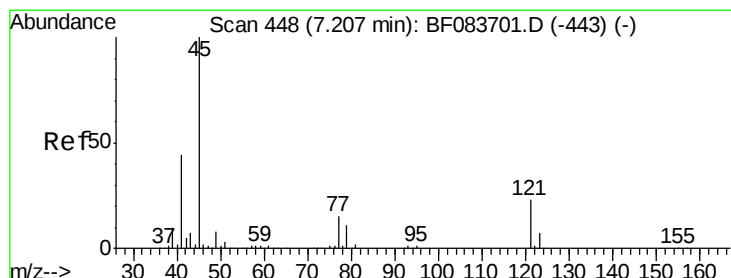
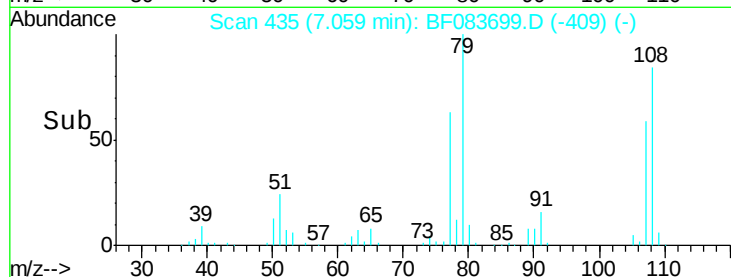
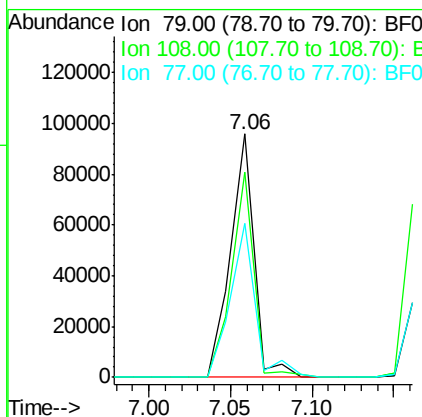
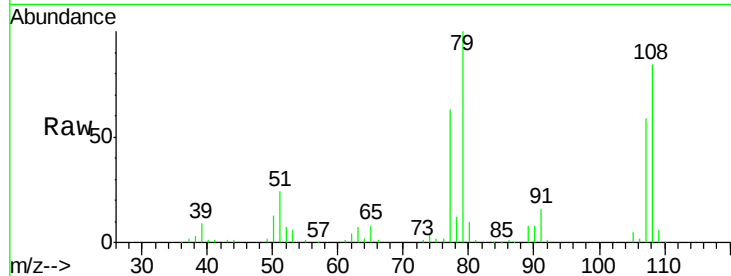
ClientSampleId :

SSTDIC010

Tot Ion:	79	Resp:	95160
Ion Ratio	Lower	Upper	
79	100		
108	84.4	59.6	89.4
77	63.3	49.8	74.6

Manual Integrations
APPROVED

MMdadoda
12/14/2015 6:22:18 PM



#16

2,2'-oxybis(1-chloropropane)

Concen: 7.17 ng

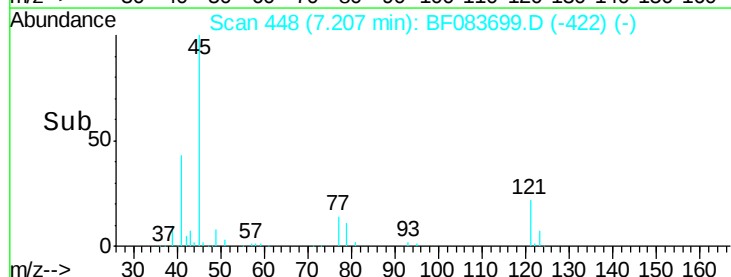
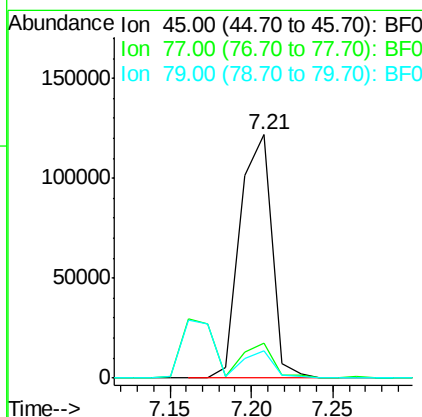
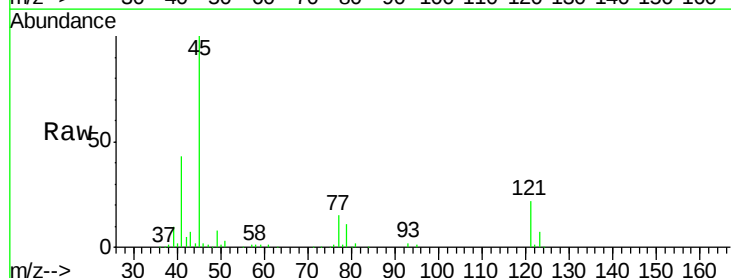
RT: 7.21 min Scan# 448

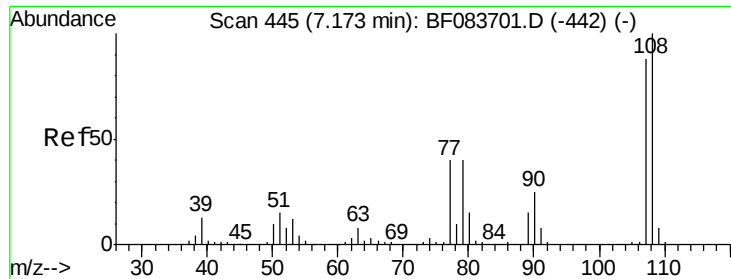
Delta R.T. 0.00 min

Lab File: BF083699.D

Acq: 11 Dec 2015 15:47

Tgt Ion:	45	Resp:	163012
Ion Ratio	Lower	Upper	
45	100		
77	14.6	12.8	52.8
79	11.0	10.7	50.7





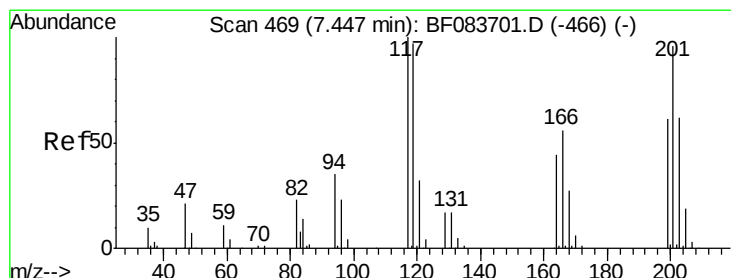
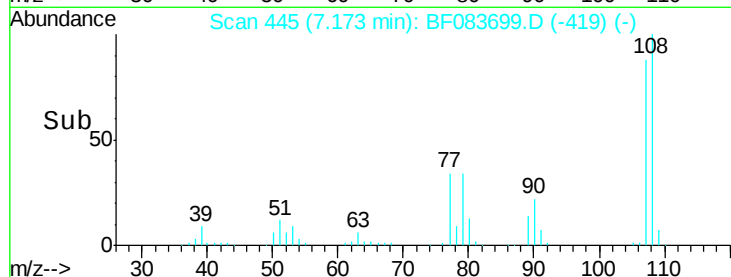
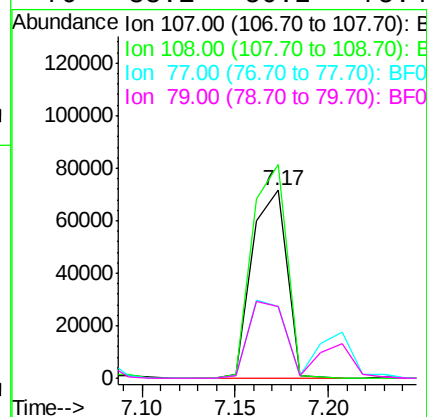
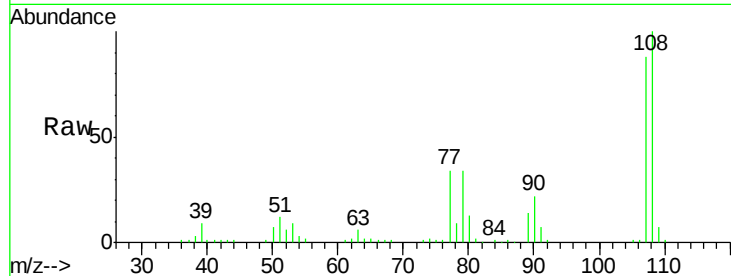
#17
2-Methylphenol
Concen: 10.02 ng
RT: 7.17 min Scan# 445
Delta R.T. 0.00 min
Lab File: BF083699.D
Acq: 11 Dec 2015 15:47

Instrument :
BNA_F
ClientSampleId :
SSTDIC010

Tot Ion	Ratio	Lower	Upper
107	100		
108	113.6	91.6	137.4
77	38.2	53.7	80.5#
79	38.1	50.2	75.4#

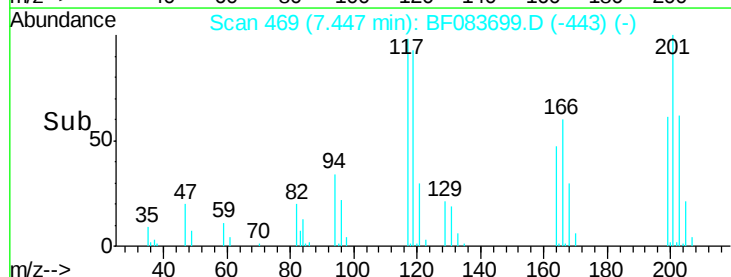
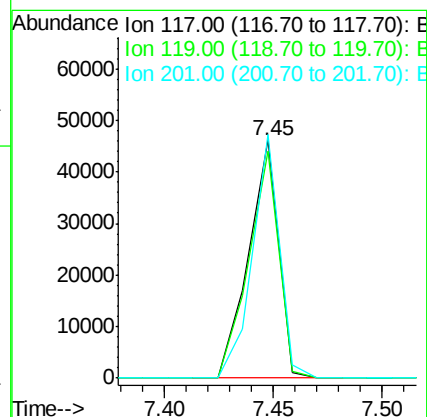
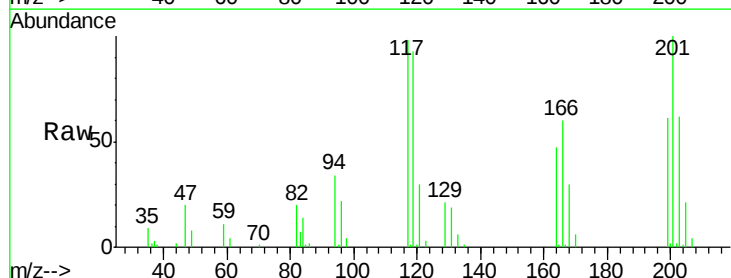
Manual Integrations
APPROVED

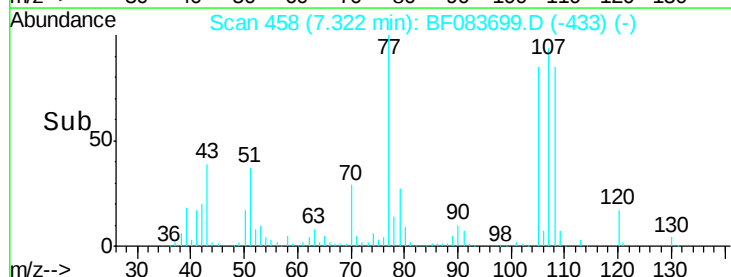
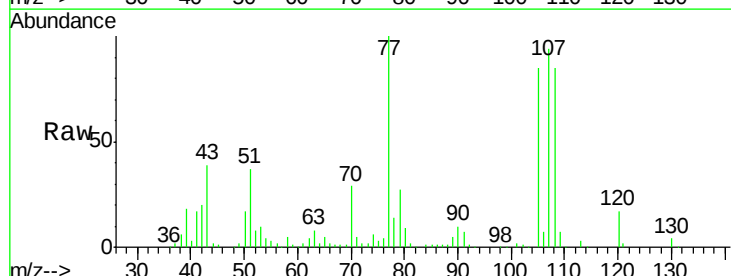
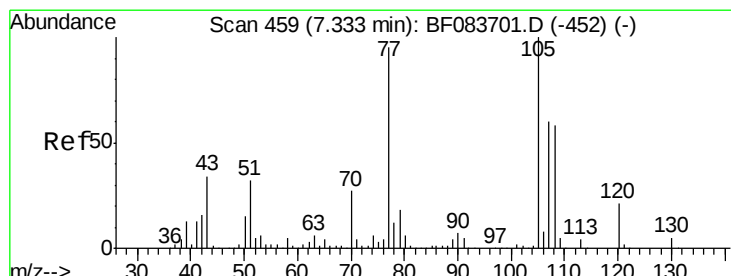
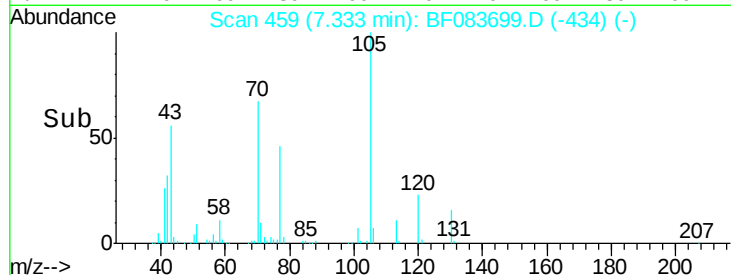
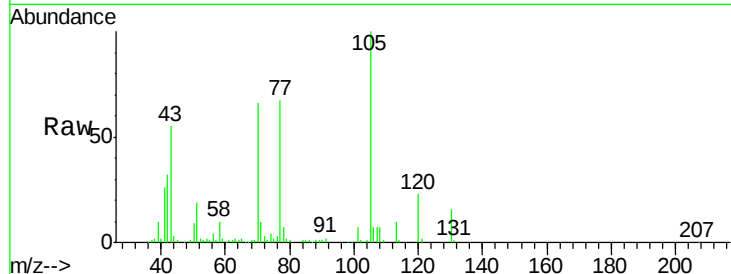
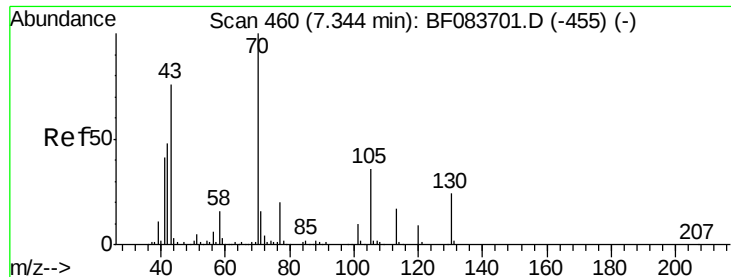
MMdadoda
12/14/2015 6:22:18 PM



#18
Hexachloroethane
Concen: 9.69 ng
RT: 7.45 min Scan# 469
Delta R.T. 0.00 min
Lab File: BF083699.D
Acq: 11 Dec 2015 15:47

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.4	77.2	115.8
201	102.1	86.8	130.2





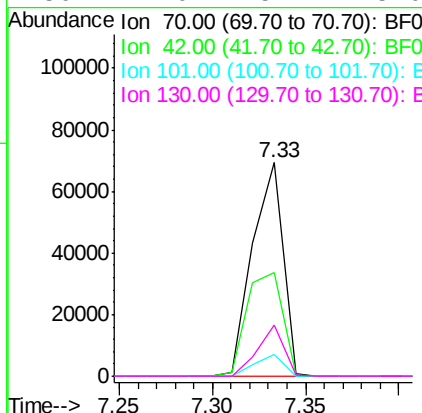
#19
n-Nitroso-di-n-propylamine
Concen: 8.14 ng
RT: 7.33 min Scan# 459
Delta R.T. -0.01 min
Lab File: BF083699.D
Acq: 11 Dec 2015 15:47

Instrument :
BNA_F
ClientSampleId :
SSTDIC010

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	48.3	49.2	73.8#	
101	10.0	7.1	10.7	
130	24.0	15.4	23.0#	

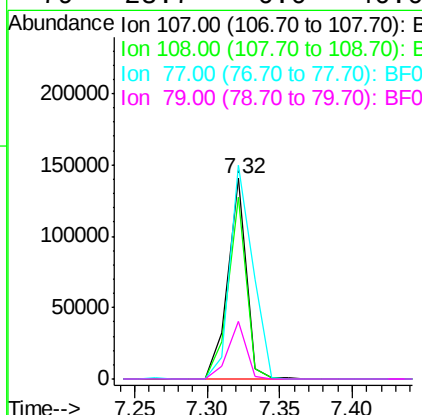
Manual Integrations
APPROVED

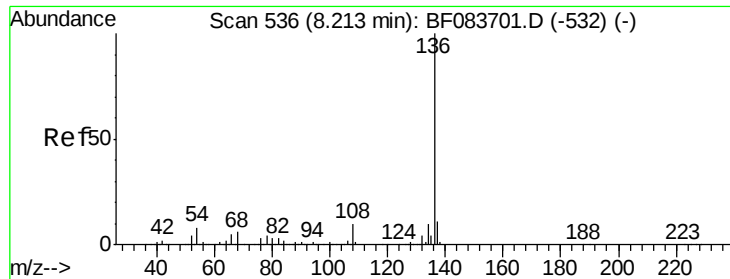
MMdadoda
12/14/2015 6:22:18 PM



#20
3+4-Methylphenols
Concen: 10.32 ng
RT: 7.32 min Scan# 458
Delta R.T. -0.01 min
Lab File: BF083699.D
Acq: 11 Dec 2015 15:47

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	90.4	65.2	105.2	
77	106.3	15.2	55.2#	
79	28.7	6.0	46.0	





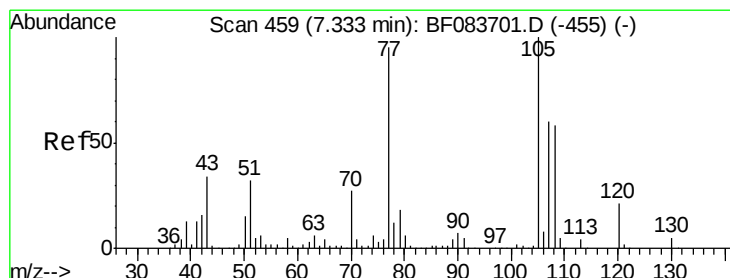
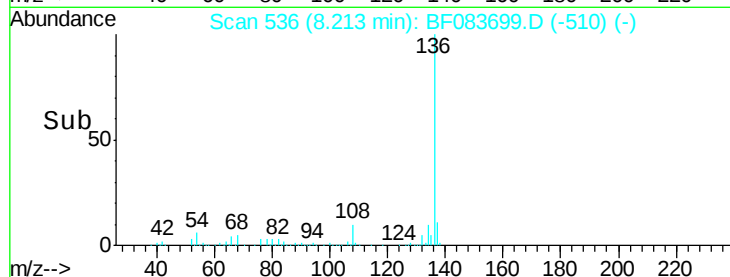
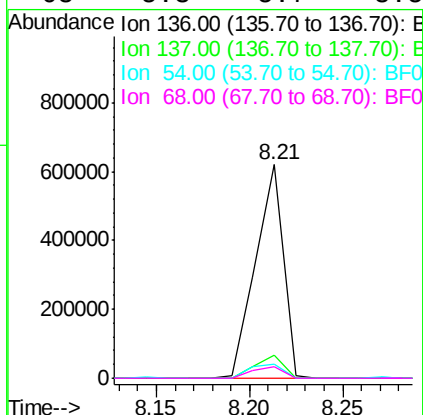
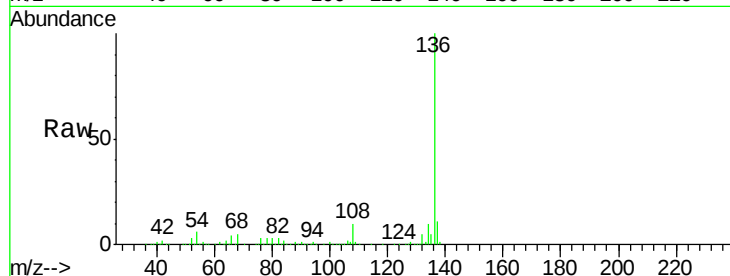
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.21 min Scan# 536
Delta R.T. 0.00 min
Lab File: BF083699.D
Acq: 11 Dec 2015 15:47

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	10.9	8.7	13.1	
54	6.4	7.8	11.6	
68	5.3	5.7	8.5	

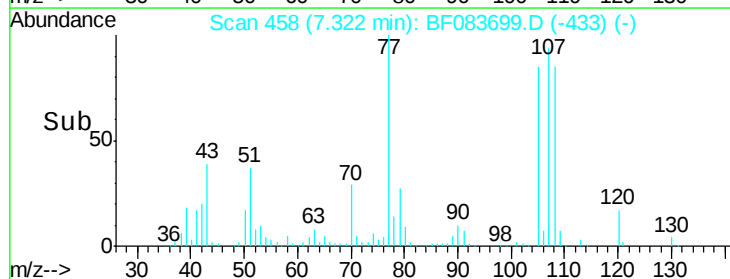
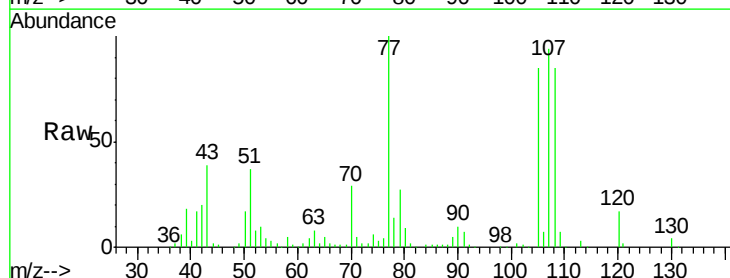
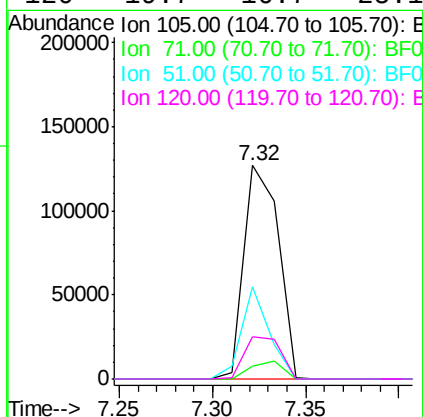
Manual Integrations
APPROVED

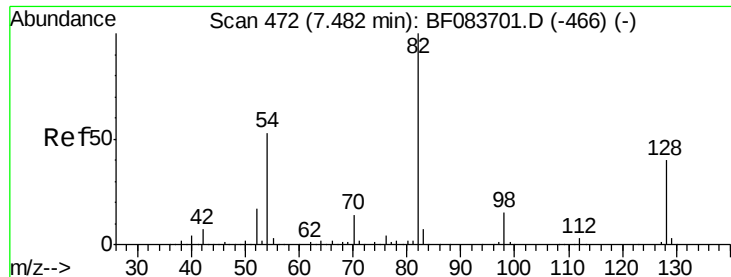
MMdadoda
12/14/2015 6:22:18 PM



#22
Acetophenone
Concen: 9.11 ng
RT: 7.32 min Scan# 458
Delta R.T. -0.01 min
Lab File: BF083699.D
Acq: 11 Dec 2015 15:47

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	6.2	1.3	1.9	
51	43.3	23.8	35.8	
120	19.7	16.7	25.1	





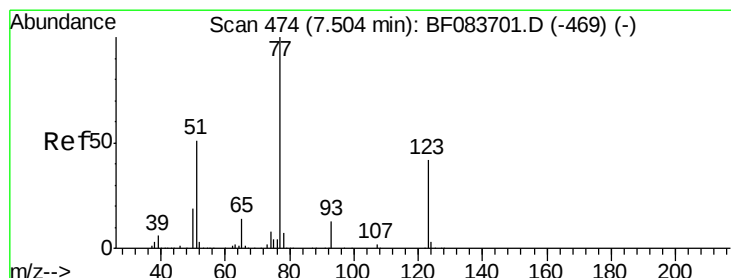
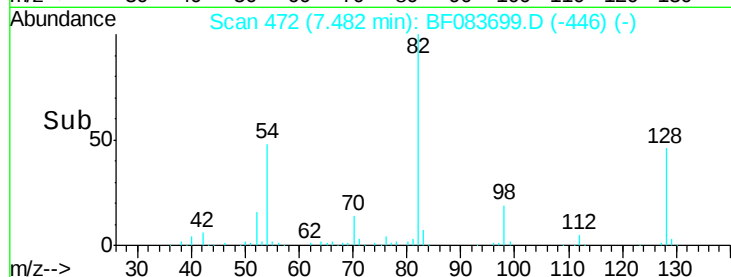
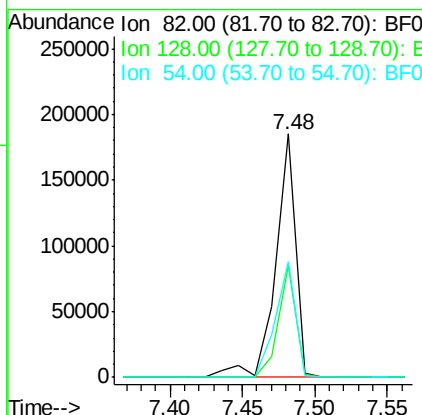
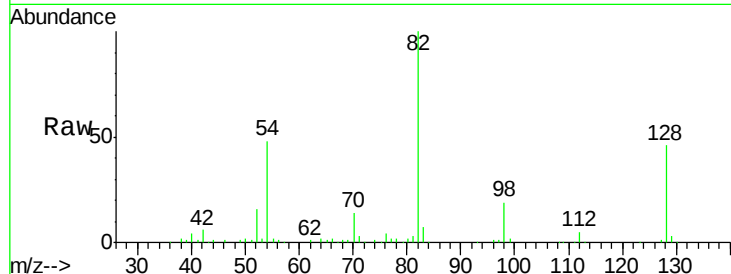
#23
Nitrobenzene-d5
Concen: 12.97 ng
RT: 7.48 min Scan# 472
Delta R.T. 0.00 min
Lab File: BF083699.D
Acq: 11 Dec 2015 15:47

Instrument :
BNA_F
ClientSampleId :
SSTDIC010

Tot Ion	Ratio	Resp	Lower	Upper
82	100	176890		
128	46.1	30.7	46.1#	
54	47.6	42.5	63.7	

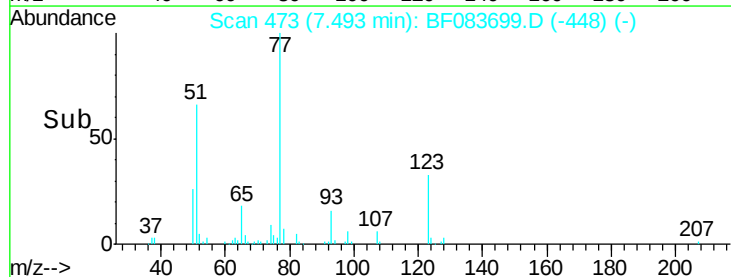
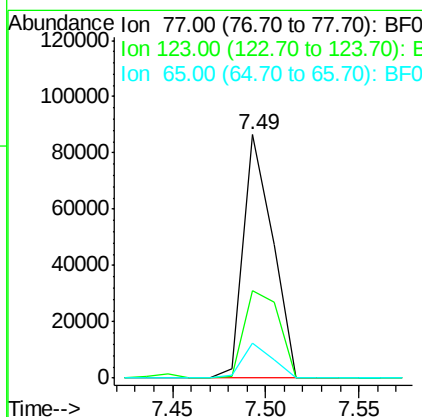
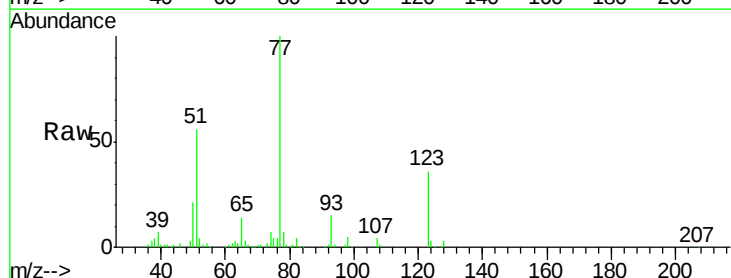
Manual Integrations
APPROVED

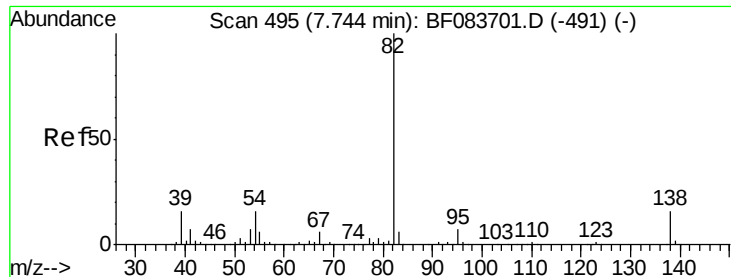
MMdadoda
12/14/2015 6:22:18 PM



#24
Nitrobenzene
Concen: 6.28 ng
RT: 7.49 min Scan# 473
Delta R.T. -0.01 min
Lab File: BF083699.D
Acq: 11 Dec 2015 15:47

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	94594		
123	36.0	29.8	44.6	
65	14.2	11.1	16.7	





#25

Isophorone

Concen: 8.27 ng

RT: 7.74 min Scan# 495

Delta R.T. 0.00 min

Lab File: BF083699.D

Acq: 11 Dec 2015 15:47

Instrument :

BNA_F

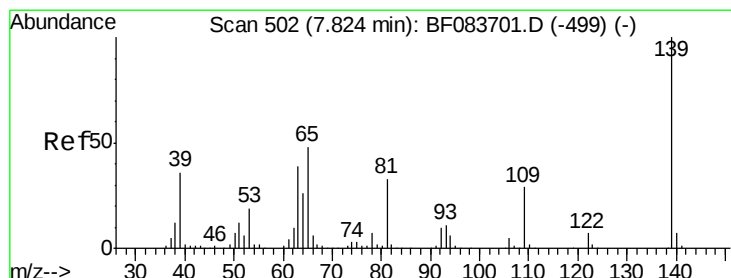
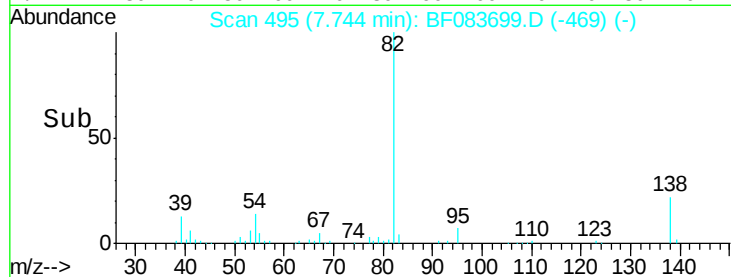
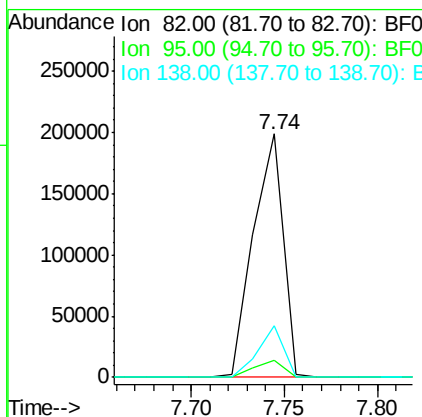
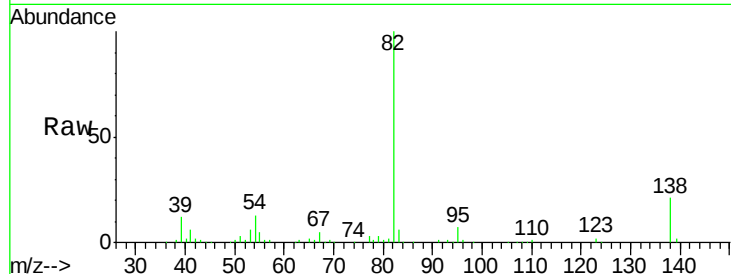
ClientSampleId :

SSTDICC010

Tot Ion:	82	Resp:	218804
Ion Ratio		Lower	Upper
82	100		
95	7.0	5.0	7.4
138	21.4	12.1	18.1#

Manual Integrations
APPROVED

MMdadoda
12/14/2015 6:22:18 PM



#26

2-Nitrophenol

Concen: 4.40 ng

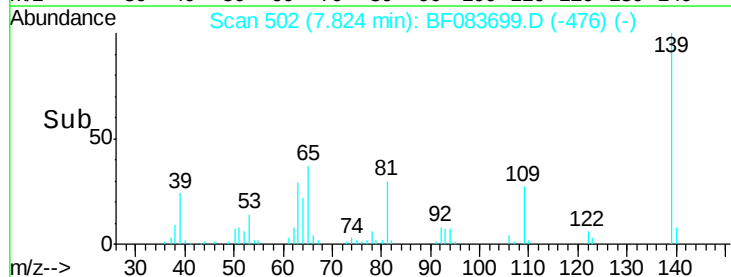
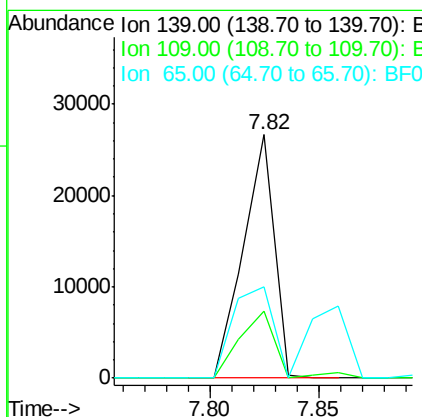
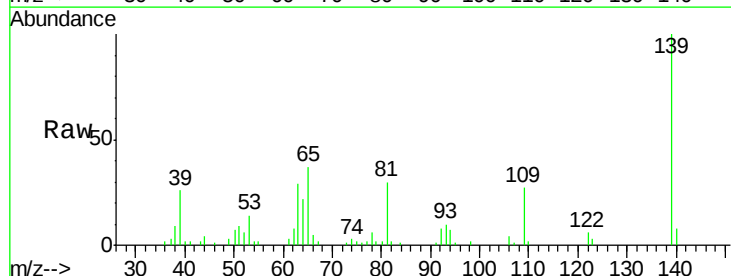
RT: 7.82 min Scan# 502

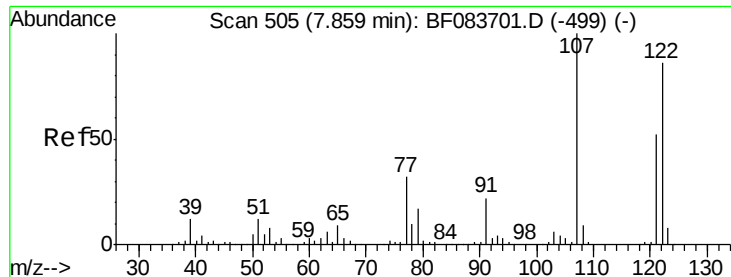
Delta R.T. 0.00 min

Lab File: BF083699.D

Acq: 11 Dec 2015 15:47

Tgt Ion:	139	Resp:	26352
Ion Ratio		Lower	Upper
139	100		
109	27.4	22.7	34.1
65	37.3	51.8	77.8#





#27

2,4-Dimethylphenol

Concen: 10.48 ng

RT: 7.86 min Scan# 505

Delta R.T. 0.00 min

Lab File: BF083699.D

Acq: 11 Dec 2015 15:47

Instrument :

BNA_F

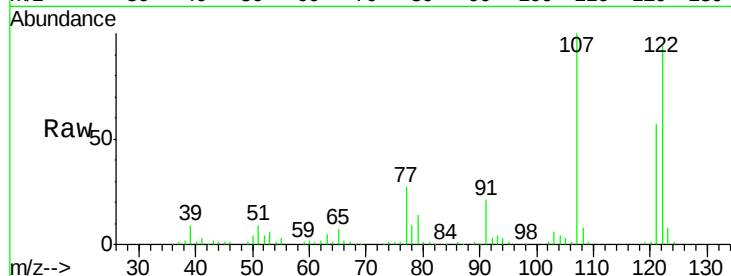
ClientSampleId :

SSTDICC010

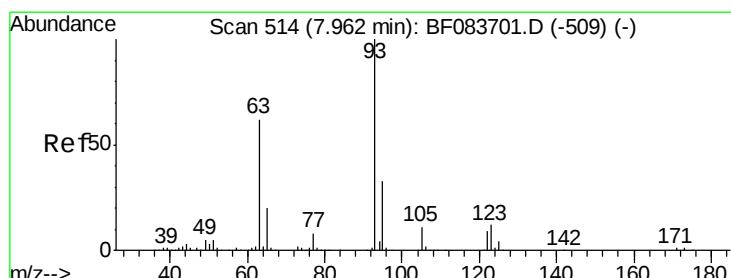
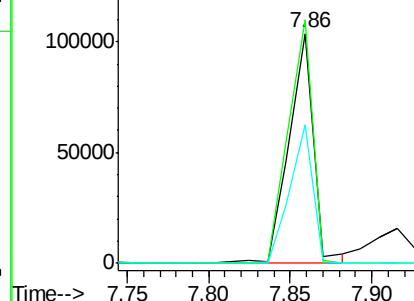
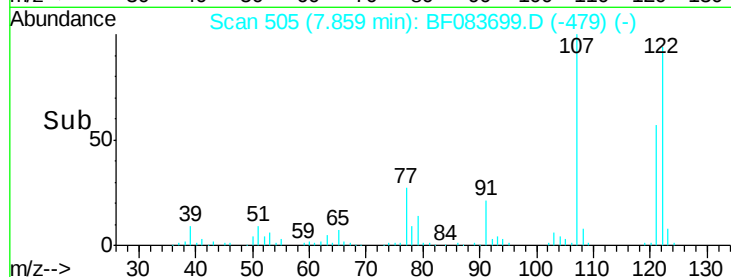
Tot Ion:	122	Resp:	109688
Ion Ratio	Lower	Upper	
122	100		
107	105.8	92.4	138.6
121	60.5	45.8	68.6

Manual Integrations
APPROVED

MMdadoda
12/14/2015 6:22:18 PM



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



#28

bis(2-Chloroethoxy)methane

Concen: 8.20 ng

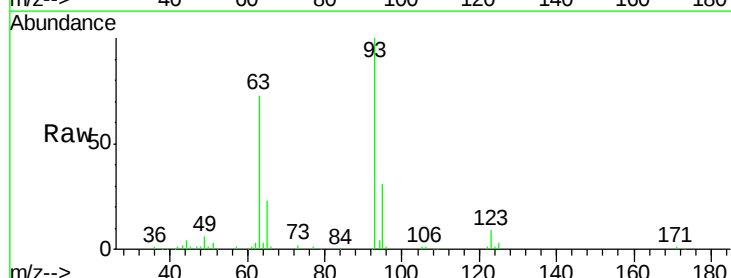
RT: 7.95 min Scan# 513

Delta R.T. -0.01 min

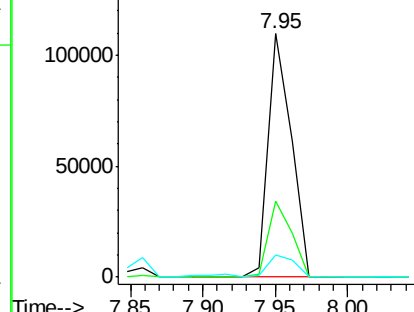
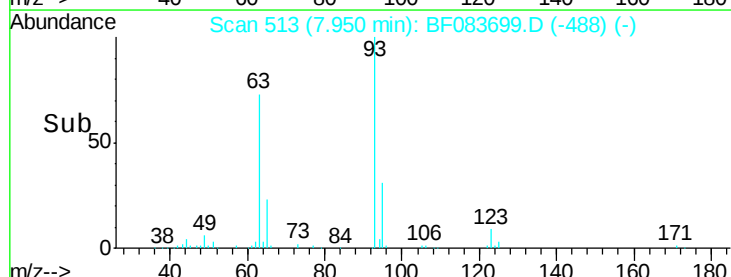
Lab File: BF083699.D

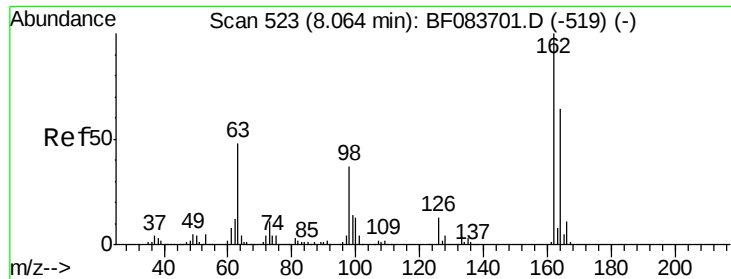
Acq: 11 Dec 2015 15:47

Tgt Ion:	93	Resp:	120488
Ion Ratio	Lower	Upper	
93	100		
95	31.3	25.6	38.4
123	9.3	7.3	10.9



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





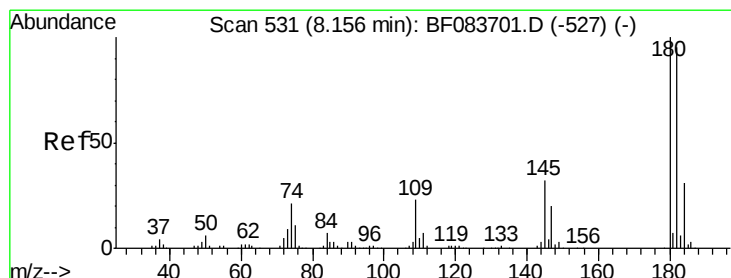
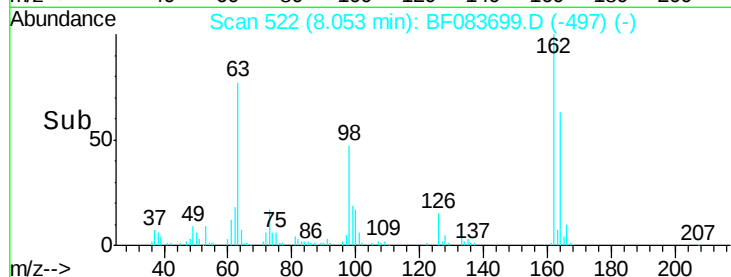
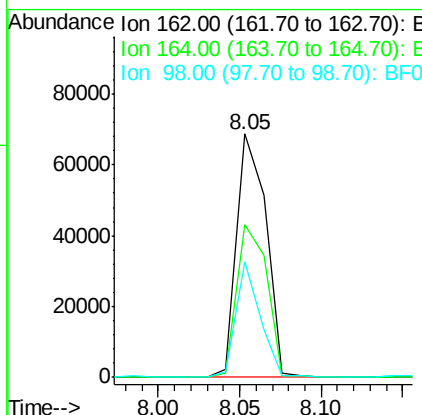
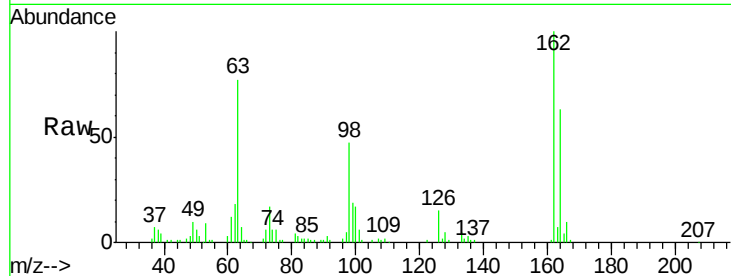
#29
2,4-Dichlorophenol
Concen: 8.91 ng
RT: 8.05 min Scan# 522
Delta R.T. -0.01 min
Lab File: BF083699.D
Acq: 11 Dec 2015 15:47

Instrument :
BNA_F
ClientSampleId :
SSTDIC010

Tot Ion	Ratio	Lower	Upper
162	100		
164	62.5	43.4	83.4
98	47.5	17.5	57.5

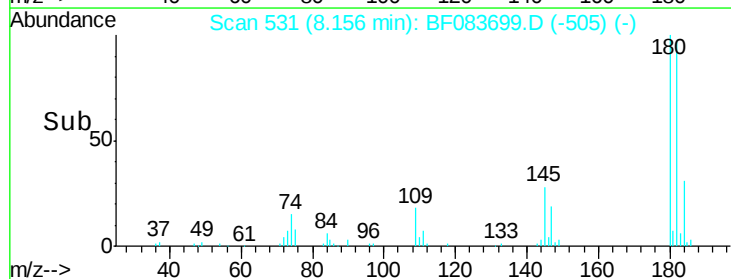
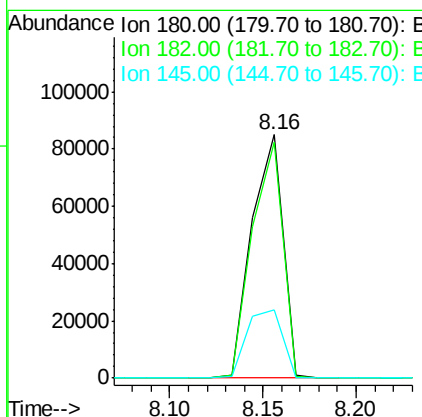
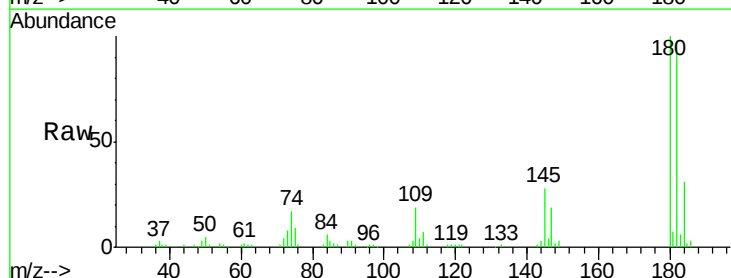
Manual Integrations
APPROVED

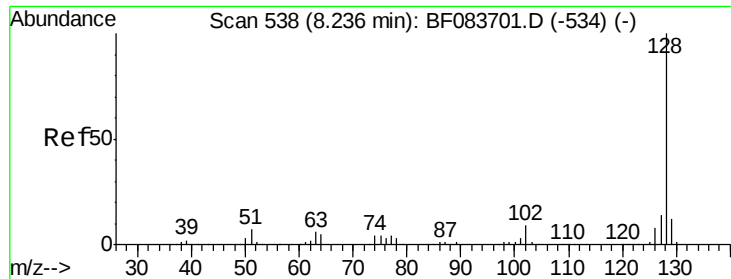
MMdadoda
12/14/2015 6:22:18 PM



#30
1,2,4-Trichlorobenzene
Concen: 9.34 ng
RT: 8.16 min Scan# 531
Delta R.T. 0.00 min
Lab File: BF083699.D
Acq: 11 Dec 2015 15:47

Tgt Ion	Ratio	Lower	Upper
180	100		
182	97.0	74.9	112.3
145	27.8	24.7	37.1





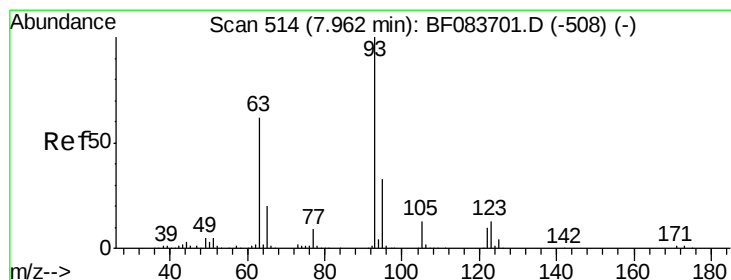
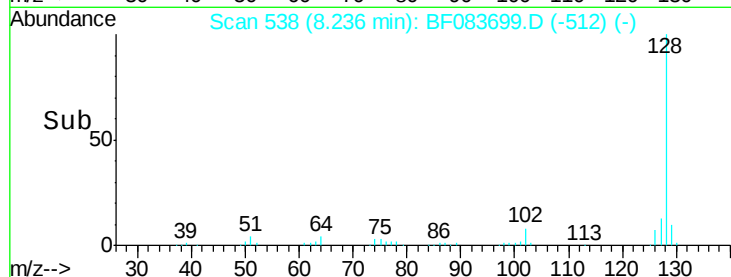
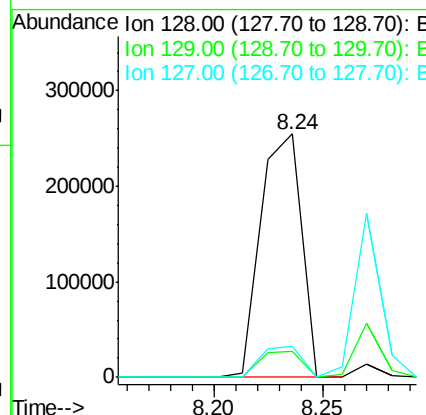
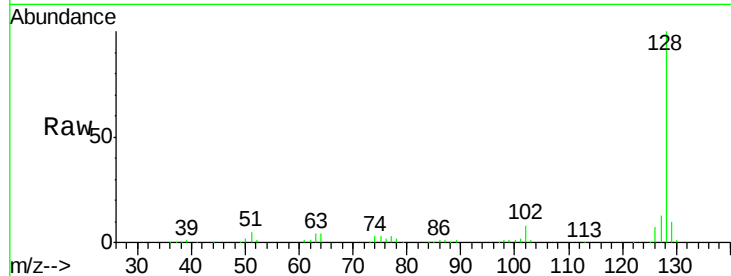
#31
Naphthalene
Concen: 9.97 ng
RT: 8.24 min Scan# 538
Delta R.T. 0.00 min
Lab File: BF083699.D
Acq: 11 Dec 2015 15:47

Instrument :
BNA_F
ClientSampleId :
SSTDIC010

Tot Ion	Ratio	Resp	Lower	Upper
128	100			
129	10.4	8.6	13.0	
127	12.8	10.6	16.0	

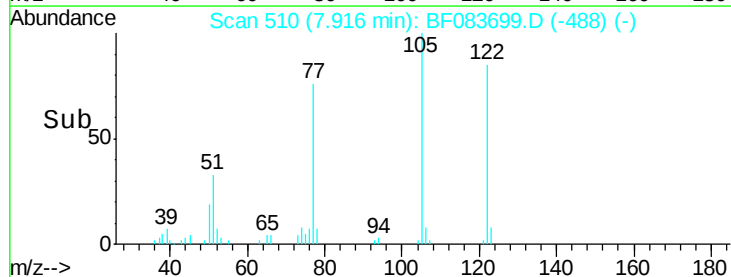
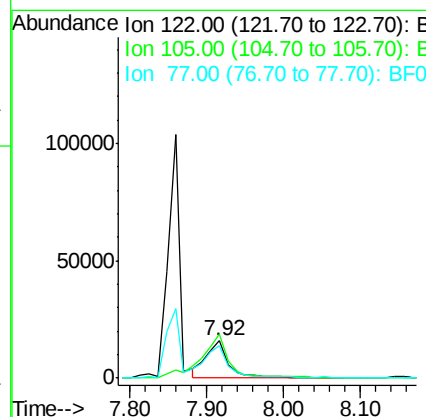
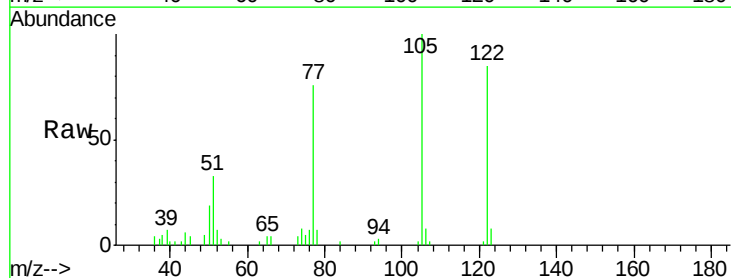
Manual Integrations
APPROVED

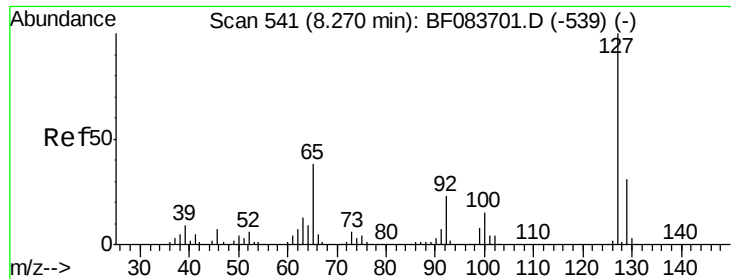
MMdadoda
12/14/2015 6:22:18 PM



#32
Benzoic acid
Concen: 5.60 ng
RT: 7.92 min Scan# 510
Delta R.T. -0.05 min
Lab File: BF083699.D
Acq: 11 Dec 2015 15:47

Tgt Ion	Ratio	Resp	Lower	Upper
122	100			
105	117.0	105.6	145.6	
77	88.5	86.8	126.8	





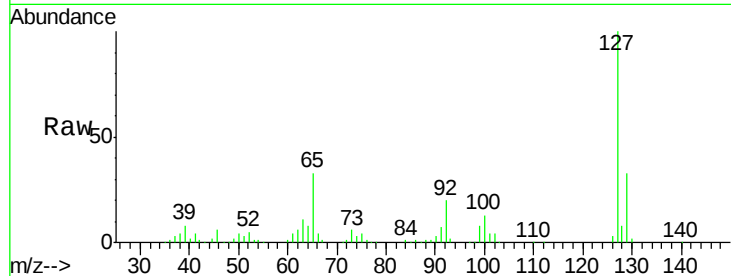
#33
4-Chloroaniline
Concen: 11.49 ng
RT: 8.27 min Scan# 541
Delta R.T. 0.00 min
Lab File: BF083699.D
Acq: 11 Dec 2015 15:47

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

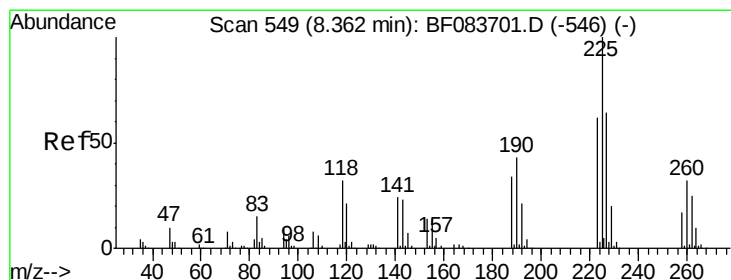
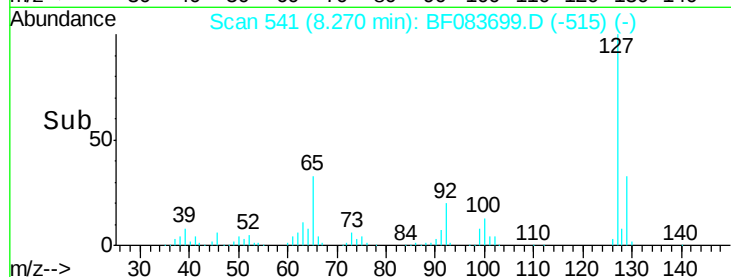
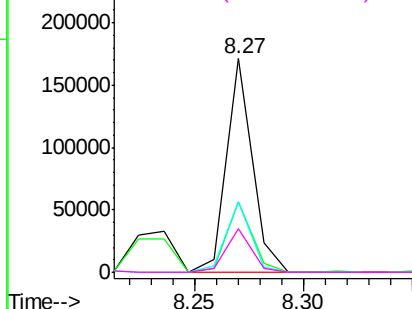
Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	33.2	26.1	39.1		
65	32.8	33.5	50.3		
92	20.2	18.6	28.0		

Manual Integrations
APPROVED

MMdadoda
12/14/2015 6:22:18 PM

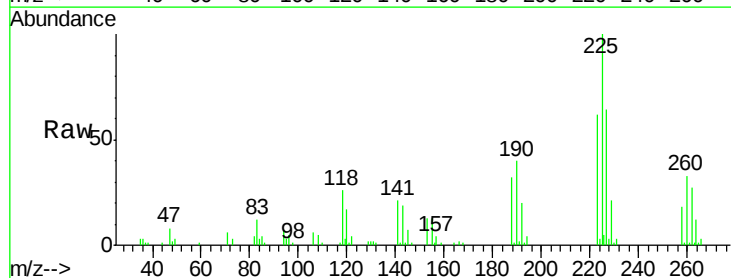


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

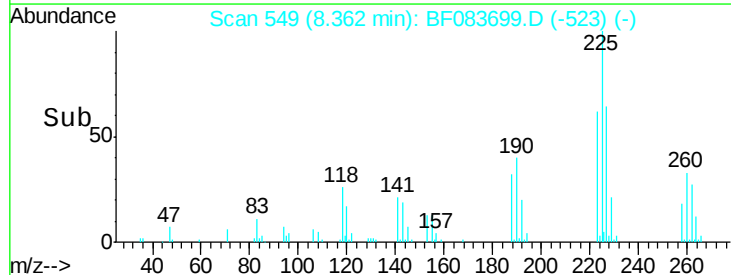
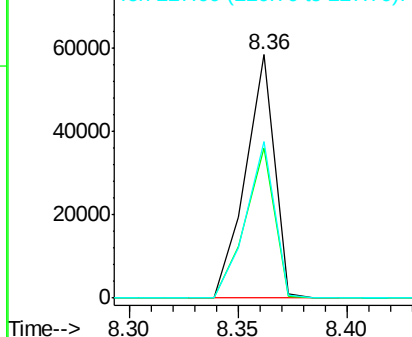


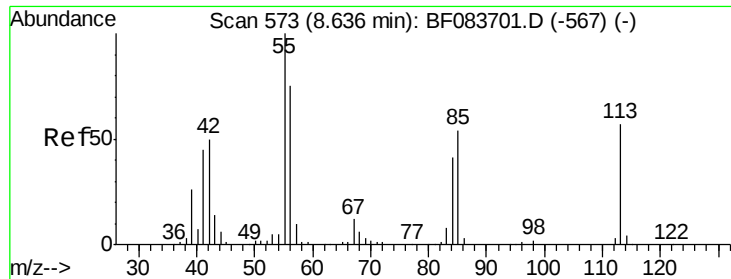
#34
Hexachlorobutadiene
Concen: 8.78 ng
RT: 8.36 min Scan# 549
Delta R.T. 0.00 min
Lab File: BF083699.D
Acq: 11 Dec 2015 15:47

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	61.7	52.3	78.5		
227	64.4	50.4	75.6		



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





#35

Caprolactam

Concen: 9.41 ng

RT: 8.60 min Scan# 570

Delta R.T. -0.03 min

Lab File: BF083699.D

Acq: 11 Dec 2015 15:47

Instrument :

BNA_F

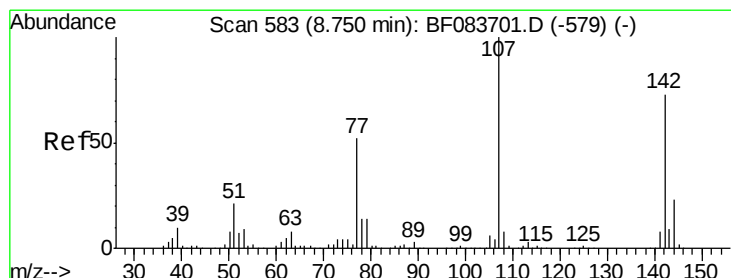
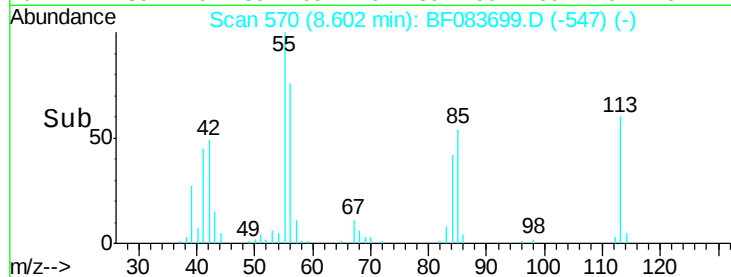
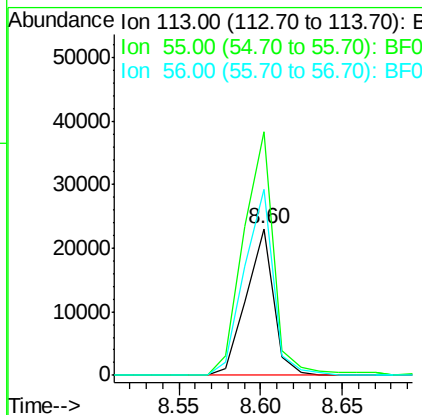
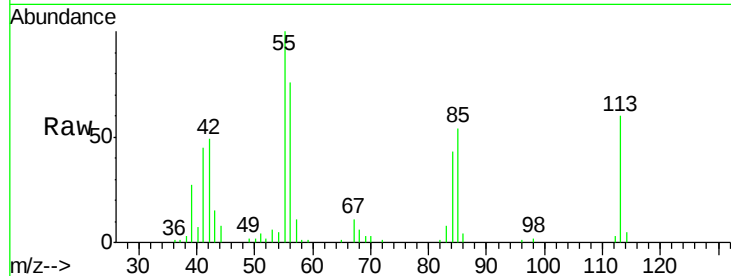
ClientSampleId :

SSTDICC010

Tot Ion:	113	Resp:	26901
Ion Ratio	Lower	Upper	
113	100		
55	165.8	189.7	229.7#
56	126.7	130.7	170.7#

Manual Integrations
APPROVED

MMdadoda
12/14/2015 6:22:18 PM



#36

4-Chloro-3-methylphenol

Concen: 8.61 ng

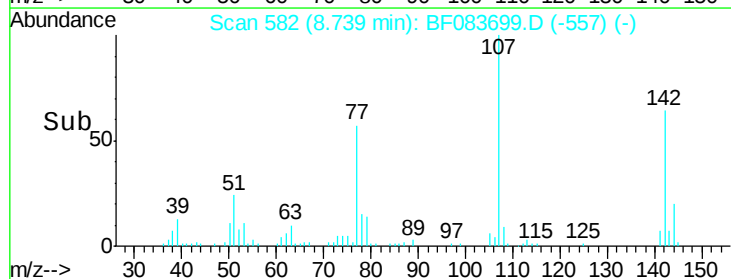
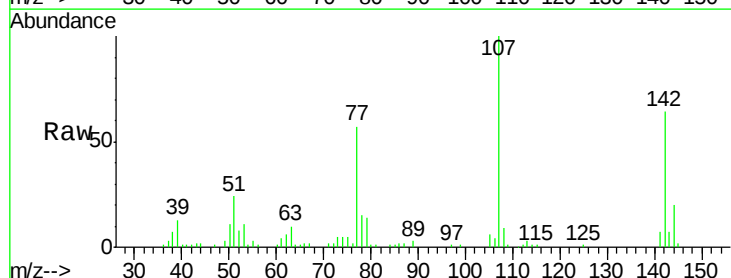
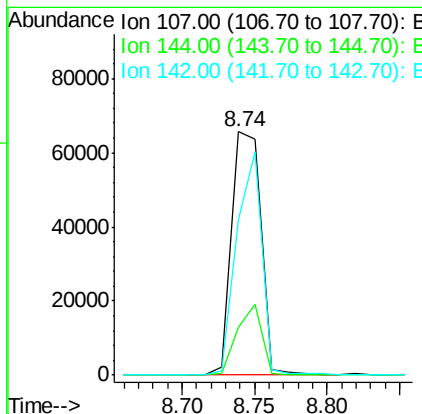
RT: 8.74 min Scan# 582

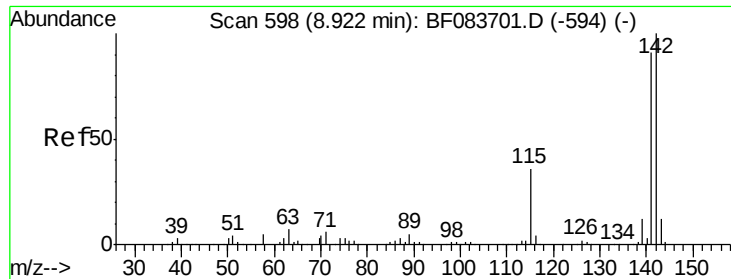
Delta R.T. -0.01 min

Lab File: BF083699.D

Acq: 11 Dec 2015 15:47

Tgt Ion:	107	Resp:	92130
Ion Ratio	Lower	Upper	
107	100		
144	19.8	17.5	26.3
142	63.6	53.6	80.4





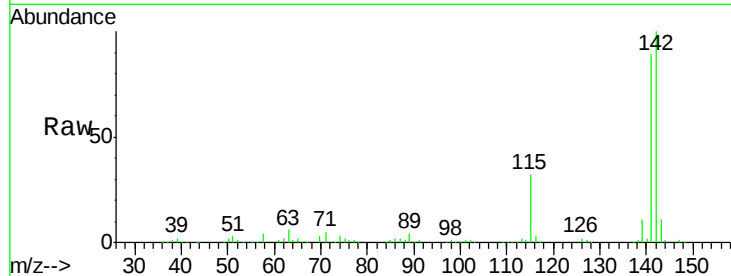
#37
2-Methylnaphthalene
Concen: 10.80 ng
RT: 8.92 min Scan# 598
Delta R.T. 0.00 min
Lab File: BF083699.D
Acq: 11 Dec 2015 15:47

Instrument :
BNA_F
ClientSampleId :
SSTDIC010

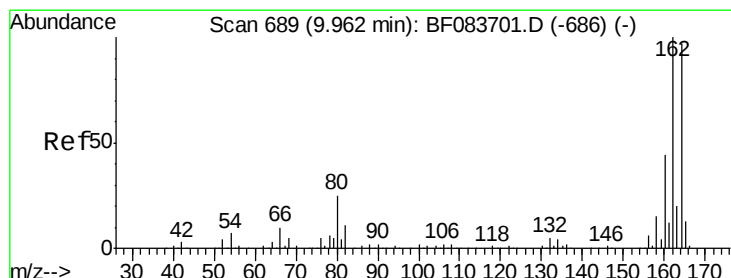
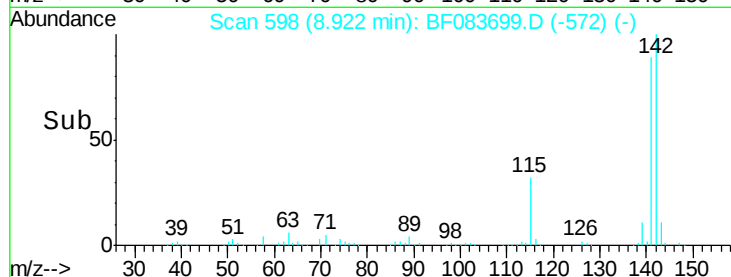
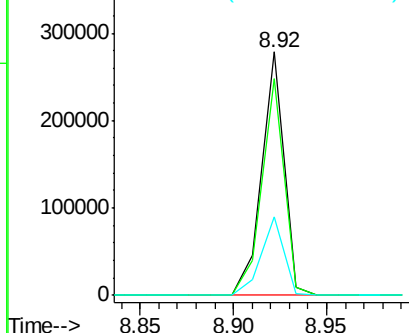
Tot Ion	Ratio	Resp	Lower	Upper
142	100	228696		
141	89.0		70.3	105.5
115	32.0		29.2	43.8

Manual Integrations
APPROVED

MMdadoda
12/14/2015 6:22:18 PM

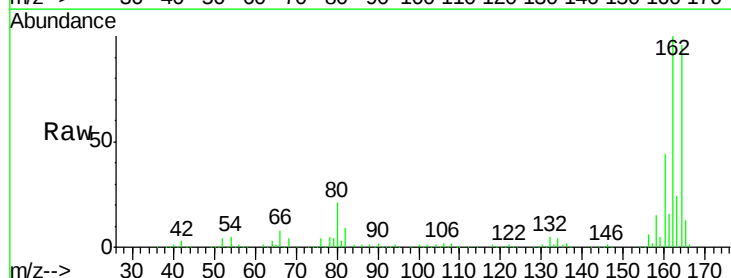


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

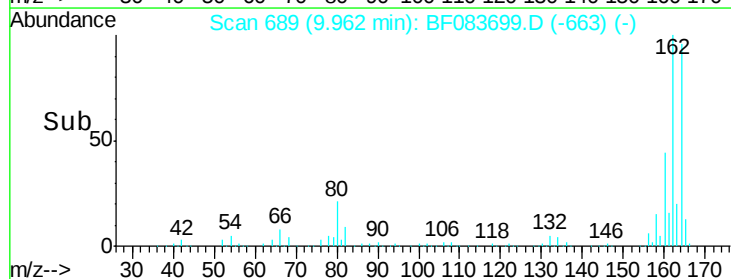
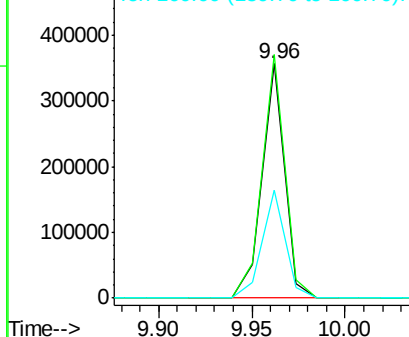


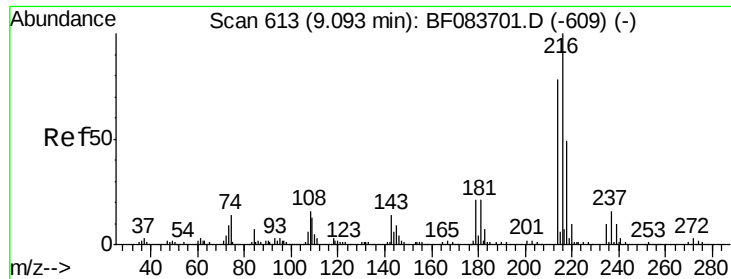
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.96 min Scan# 689
Delta R.T. 0.00 min
Lab File: BF083699.D
Acq: 11 Dec 2015 15:47

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	295191		
162	103.9		78.8	118.2
160	46.0		33.4	50.2



Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E





#39

1,2,4,5-Tetrachlorobenzene

Concen: 9.25 ng

RT: 9.09 min Scan# 613

Delta R.T. 0.00 min

Lab File: BF083699.D

Acq: 11 Dec 2015 15:47

Instrument :

BNA_F

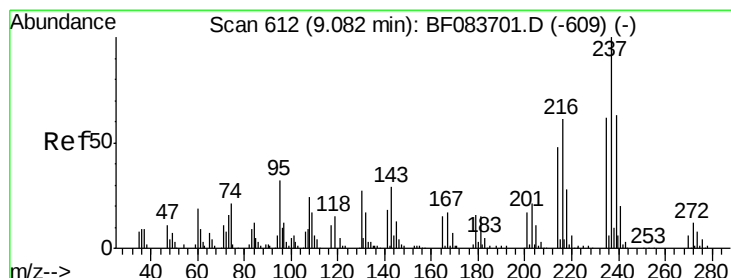
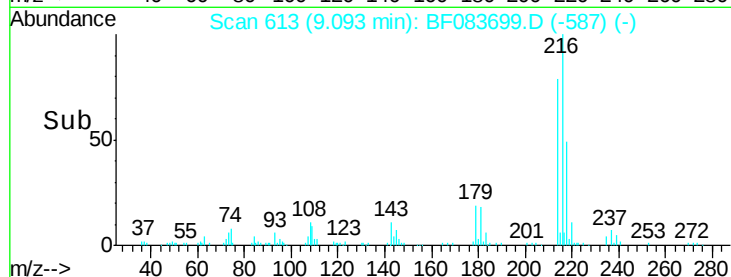
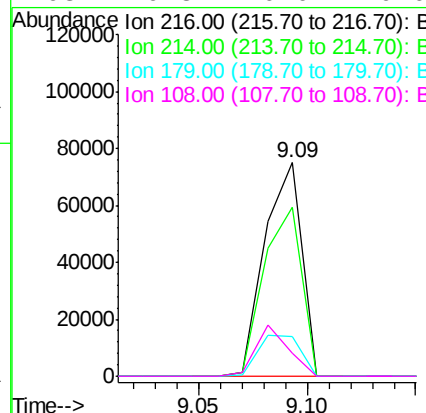
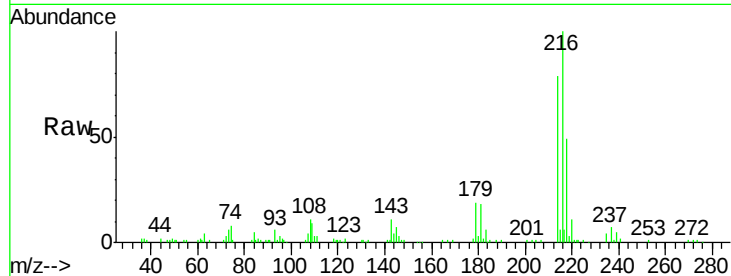
ClientSampleId :

SSTDICC010

Tot Ion	Ratio	Lower	Upper
216	100		
214	80.7	0.0	0.0#
179	22.1	0.0	0.0#
108	20.8	0.0	0.0#

Manual Integrations
APPROVED

MMdadoda
12/14/2015 6:22:18 PM



#40

Hexachlorocyclopentadiene

Concen: 30.57 ng

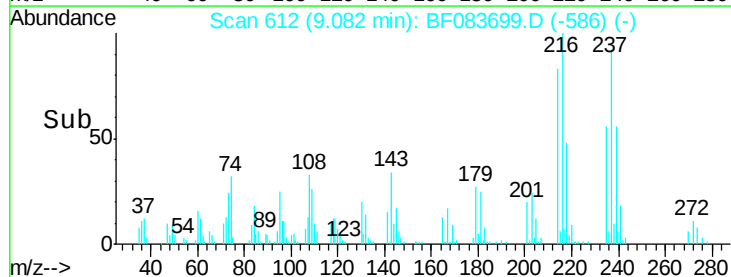
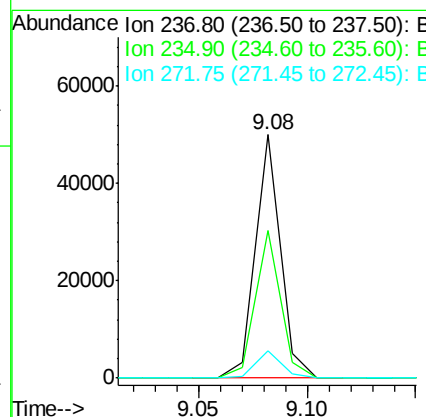
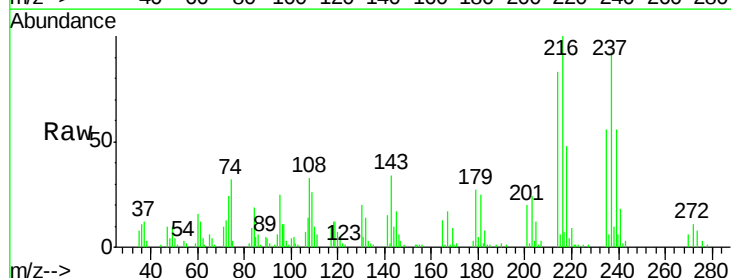
RT: 9.08 min Scan# 612

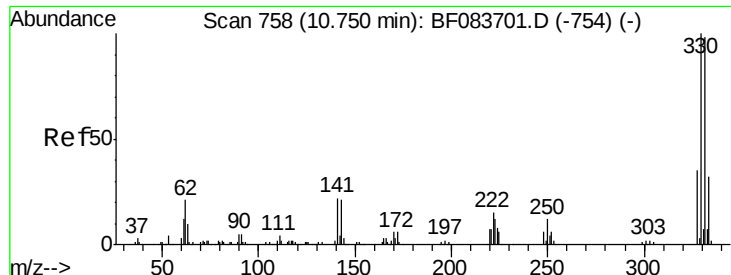
Delta R.T. 0.00 min

Lab File: BF083699.D

Acq: 11 Dec 2015 15:47

Tgt Ion	Ratio	Lower	Upper
237	100		
235	60.8	43.9	83.9
272	11.4	0.0	31.8





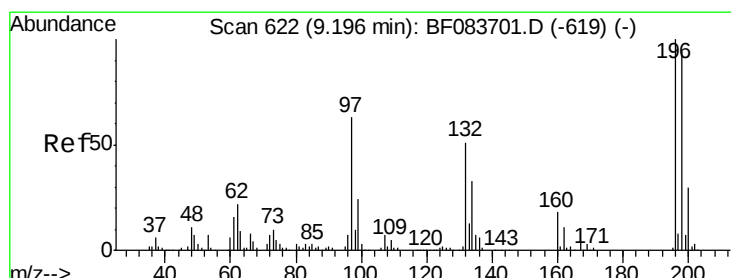
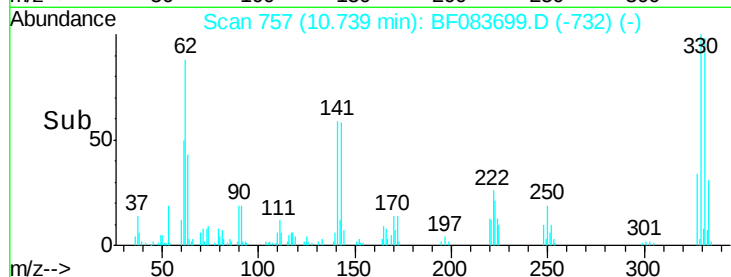
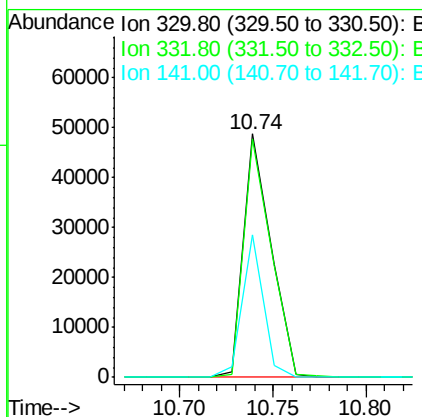
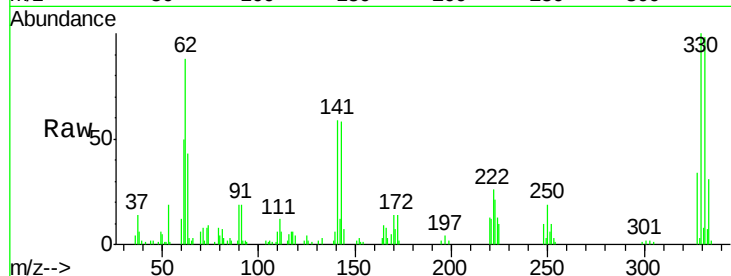
#41
 2,4,6-Tribromophenol
 Concen: 19.06 ng
 RT: 10.74 min Scan# 757
 Delta R.T. -0.01 min
 Lab File: BF083699.D
 Acq: 11 Dec 2015 15:47

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC010

Tot Ion	Ratio	Resp	Lower	Upper
330	100			
332	98.3	0.0	0.0	0.0
141	45.3	0.0	0.0	0.0

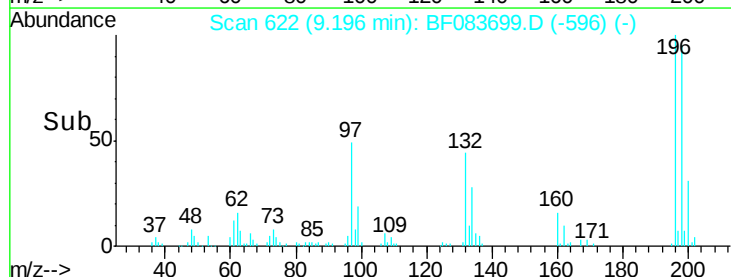
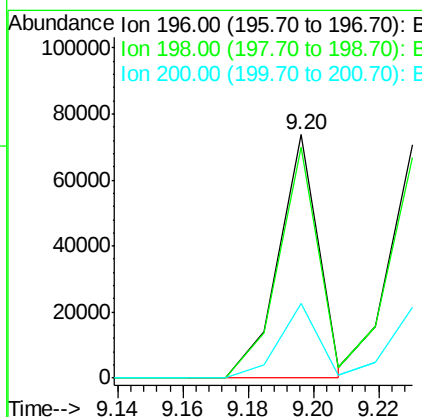
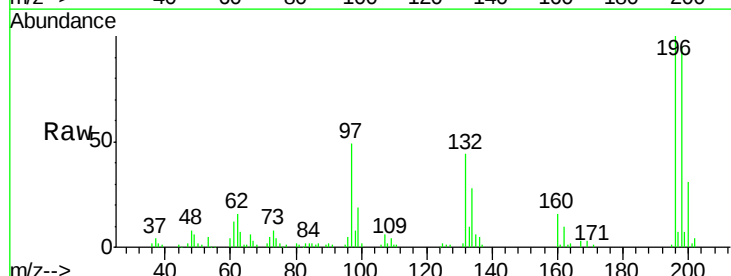
Manual Integrations
 APPROVED

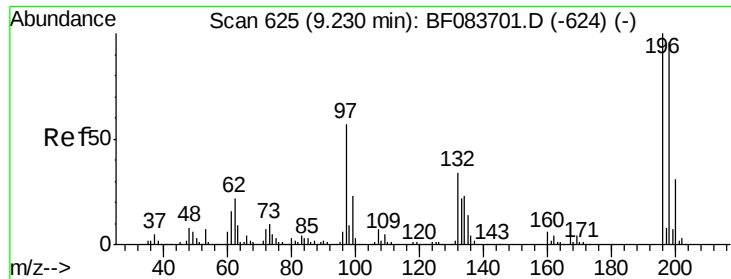
MMdadoda
 12/14/2015 6:22:18 PM



#42
 2,4,6-Trichlorophenol
 Concen: 10.87 ng
 RT: 9.20 min Scan# 622
 Delta R.T. 0.00 min
 Lab File: BF083699.D
 Acq: 11 Dec 2015 15:47

Tgt Ion	Ratio	Resp	Lower	Upper
196	100			
198	94.8	75.2	112.8	
200	30.8	23.0	34.6	





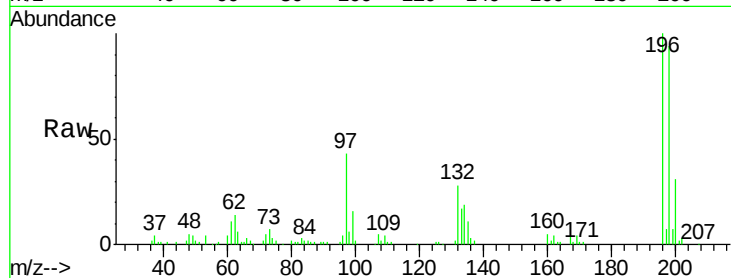
#43
 2,4,5-Trichlorophenol
 Concen: 11.00 ng/mL
 RT: 9.23 min Scan# 625
 Delta R.T. 0.00 min
 Lab File: BF083699.D
 Acq: 11 Dec 2015 15:47

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC010

Tot Ion:	196	Resp:	62790
Ion Ratio	Lower	Upper	
196	100		
198	94.3	77.7	116.5
97	42.9	41.2	61.8
132	27.7	21.8	32.8

Manual Integrations
 APPROVED

MMdadoda
 12/14/2015 6:22:18 PM



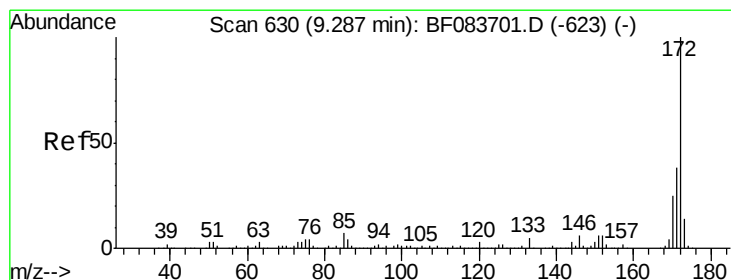
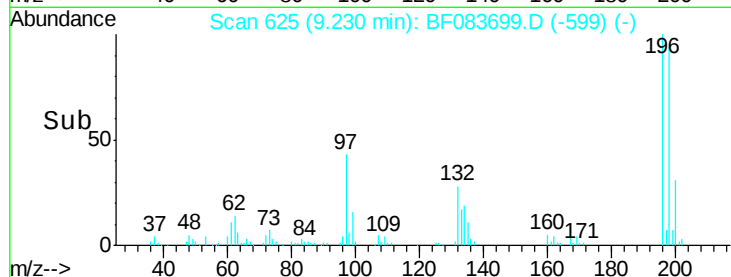
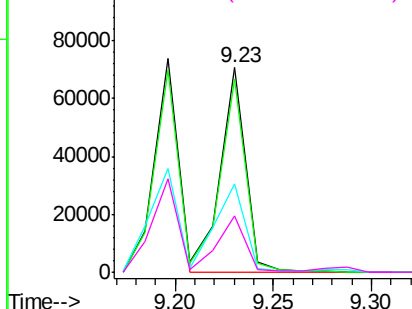
Abundance

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: 21.28 ng/mL
 RT: 9.29 min Scan# 630
 Delta R.T. 0.00 min
 Lab File: BF083699.D
 Acq: 11 Dec 2015 15:47

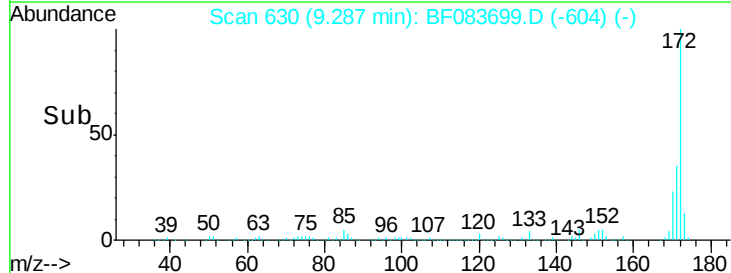
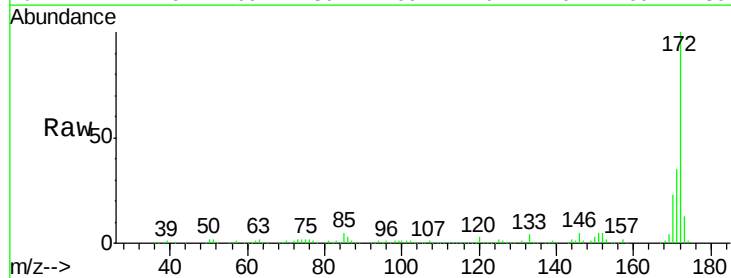
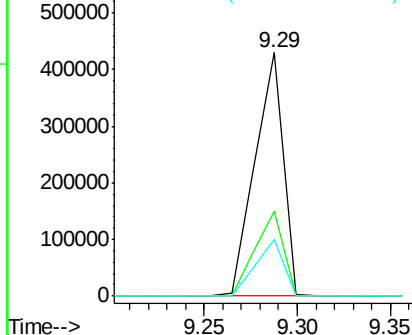
Tgt Ion:	172	Resp:	446315
Ion Ratio	Lower	Upper	
172	100		
171	34.9	28.6	42.8
170	23.4	19.4	29.0

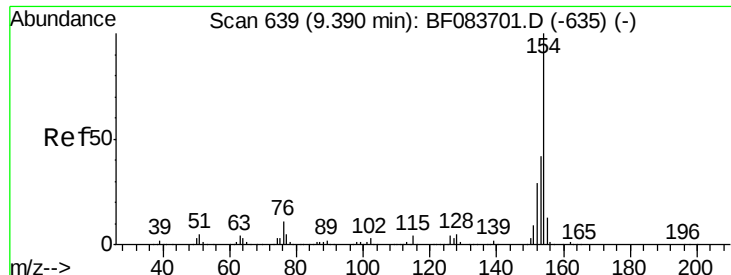
Abundance

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





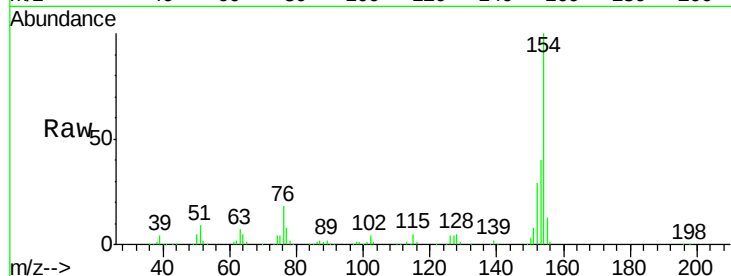
#45
 1,1'-Biphenyl
 Concen: 10.19 ng
 RT: 9.38 min Scan# 638
 Delta R.T. -0.01 min
 Lab File: BF083699.D
 Acq: 11 Dec 2015 15:47

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC010

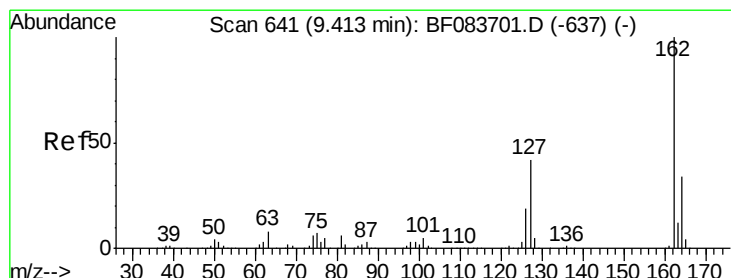
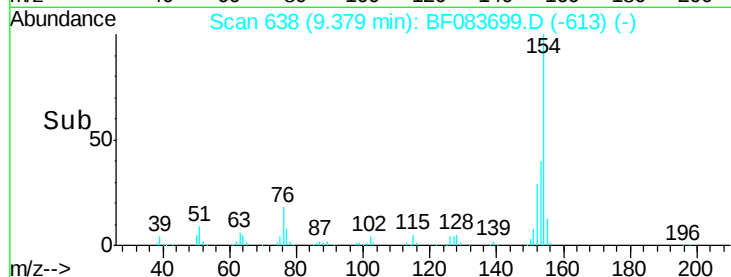
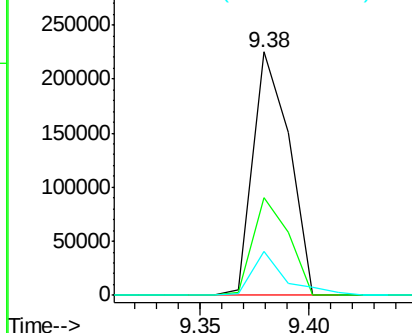
Tot Ion:	154	Resp:	261536
Ion Ratio	Lower	Upper	
154	100		
153	40.4	20.2	60.2
76	18.0	0.0	34.8

Manual Integrations
 APPROVED

MMdadoda
 12/14/2015 6:22:18 PM

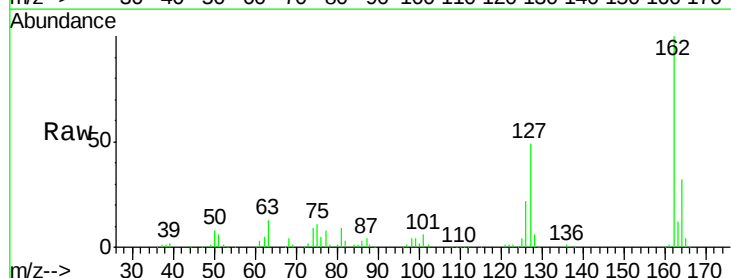


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

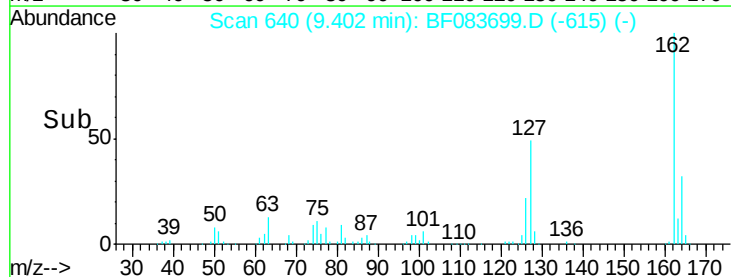
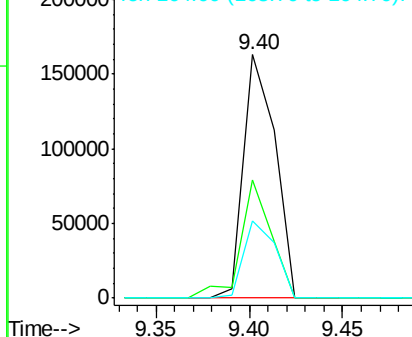


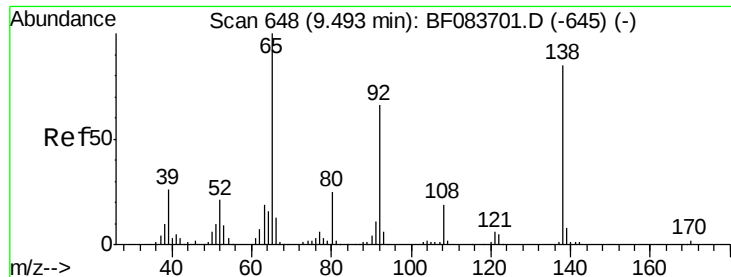
#46
 2-Chloronaphthalene
 Concen: 10.00 ng
 RT: 9.40 min Scan# 640
 Delta R.T. -0.01 min
 Lab File: BF083699.D
 Acq: 11 Dec 2015 15:47

Tgt Ion:	162	Resp:	193665
Ion Ratio	Lower	Upper	
162	100		
127	48.6	31.0	46.4#
164	31.6	27.4	41.0



Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E





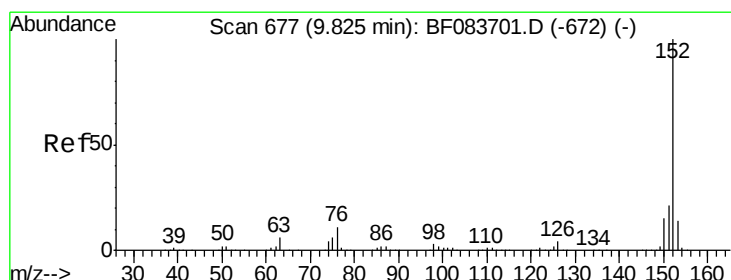
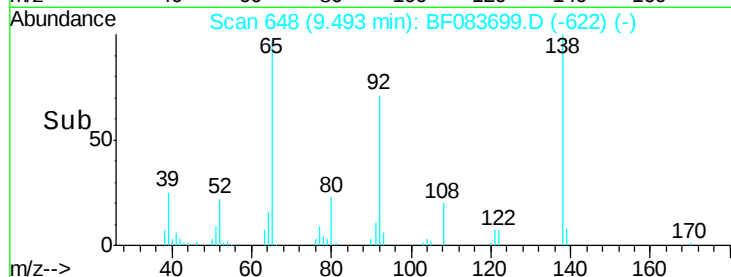
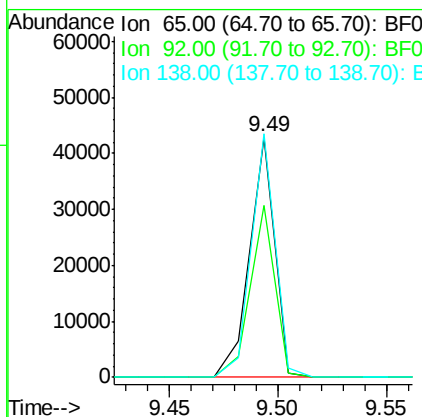
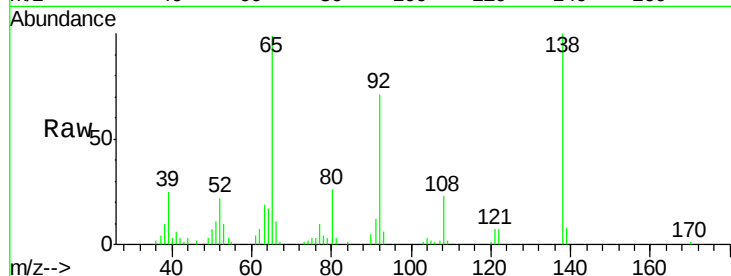
#47
2-Nitroaniline
Concen: 4.91 ng
RT: 9.49 min Scan# 648
Delta R.T. 0.00 min
Lab File: BF083699.D
Acq: 11 Dec 2015 15:47

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Tot Ion	Ratio	Lower	Upper
65	100		
92	71.8	49.6	74.4
138	101.5	64.1	96.1

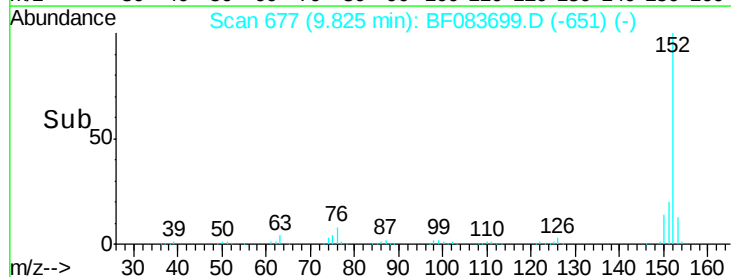
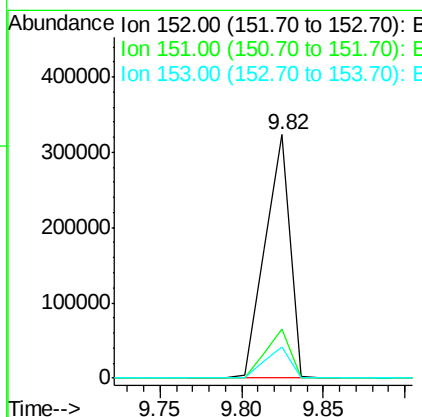
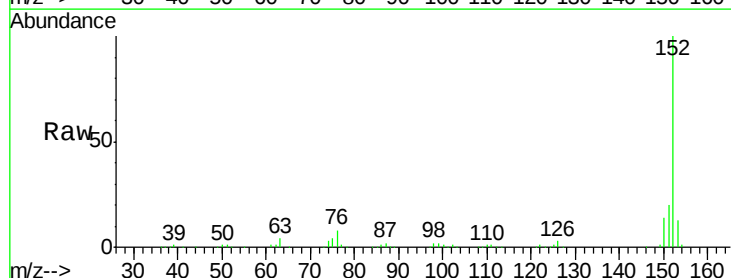
Manual Integrations
APPROVED

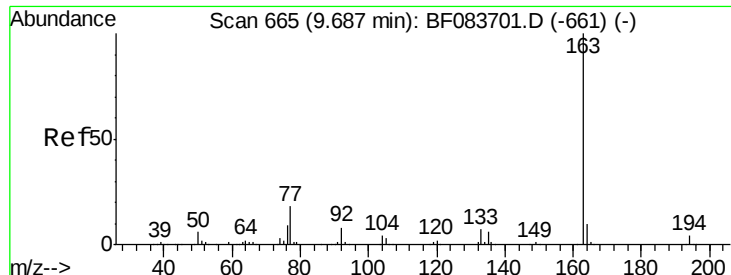
MMdadoda
12/14/2015 6:22:18 PM



#48
Acenaphthylene
Concen: 10.76 ng
RT: 9.82 min Scan# 677
Delta R.T. 0.00 min
Lab File: BF083699.D
Acq: 11 Dec 2015 15:47

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.1	16.3	24.5
153	12.8	10.8	16.2





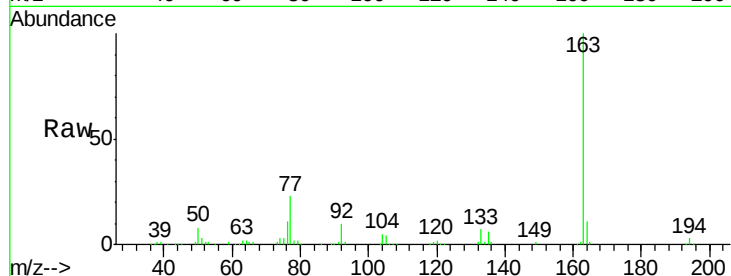
#49
Dimethylphthalate
Concen: 9.75 ng
RT: 9.68 min Scan# 664
Delta R.T. -0.01 min
Lab File: BF083699.D
Acq: 11 Dec 2015 15:47

Instrument :
BNA_F
ClientSampleId :
SSTDIC010

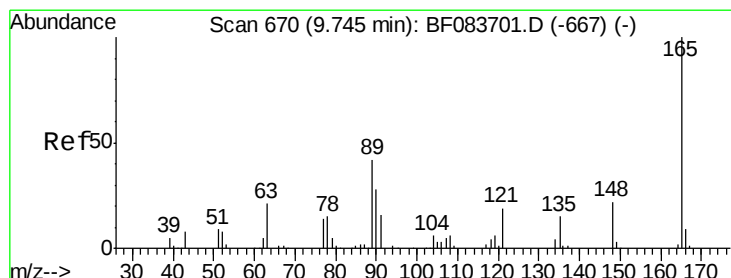
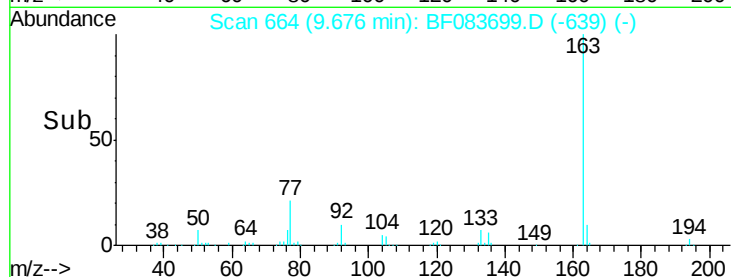
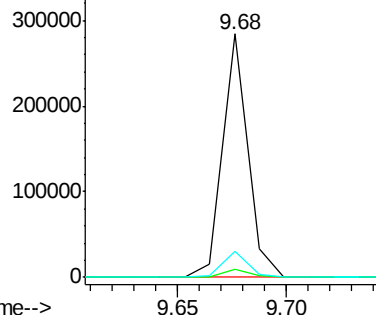
Tot Ion	Ratio	Resp	Lower	Upper
163	100	229057		
194	3.3		2.8	4.2
164	10.7		8.6	13.0

Manual Integrations
APPROVED

MMdadoda
12/14/2015 6:22:18 PM

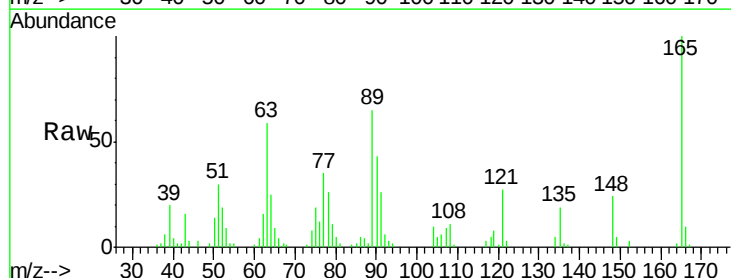


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

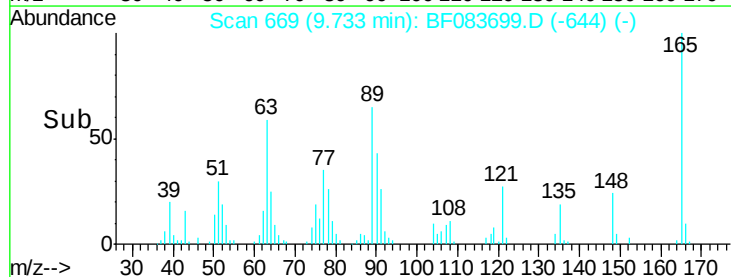
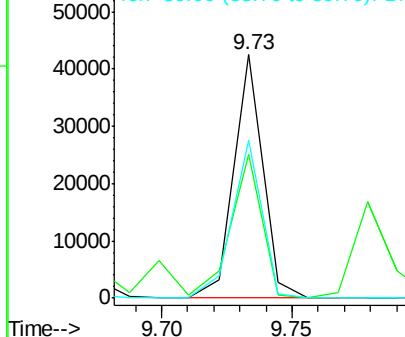


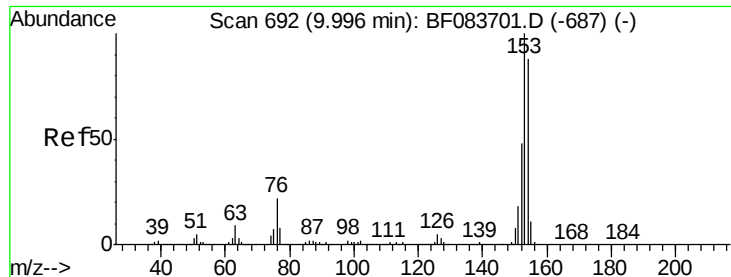
#50
2,6-Dinitrotoluene
Concen: 6.82 ng
RT: 9.73 min Scan# 669
Delta R.T. -0.01 min
Lab File: BF083699.D
Acq: 11 Dec 2015 15:47

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	33095		
63	59.3		56.9	85.3
89	64.7		52.1	78.1



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





#51

Acenaphthene

Concen: 10.92 ng

RT: 10.00 min Scan# 692

Delta R.T. 0.00 min

Lab File: BF083699.D

Acq: 11 Dec 2015 15:47

Instrument :

BNA_F

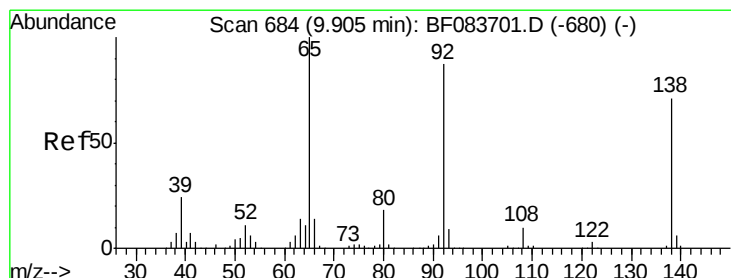
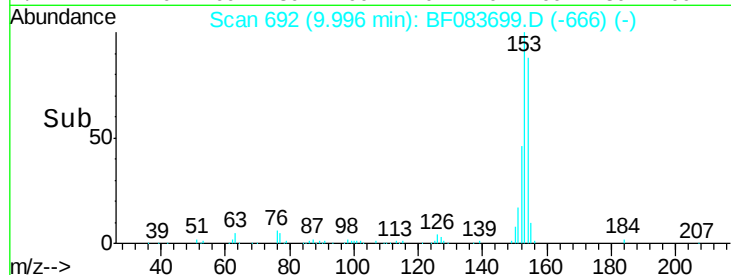
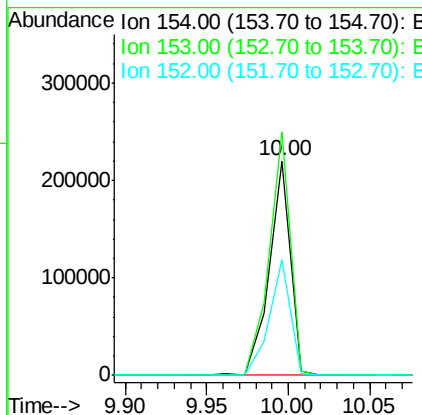
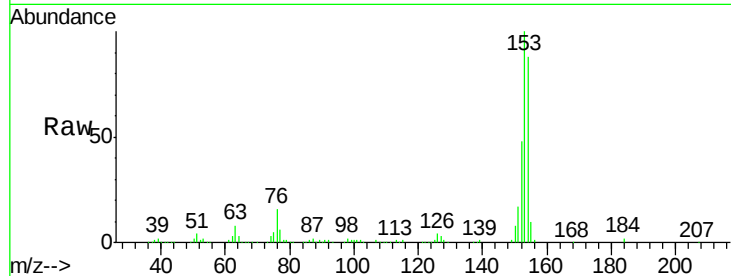
ClientSampleId :

SSTDIC010

Tot Ion:	154	Resp:	199662
Ion Ratio	Lower	Upper	
154	100		
153	113.4	91.4	137.0
152	54.1	43.4	65.2

Manual Integrations
APPROVED

MMdadoda
12/14/2015 6:22:18 PM



#52

3-Nitroaniline

Concen: 6.49 ng

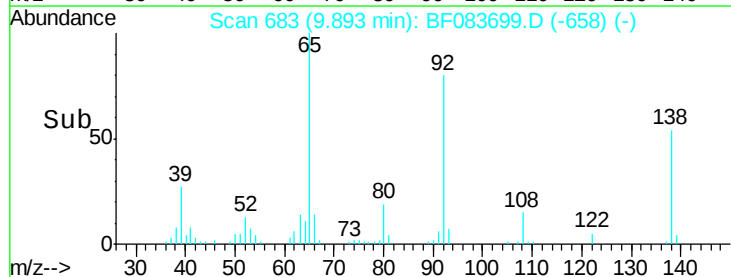
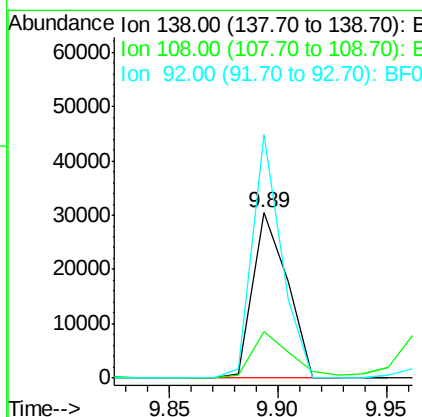
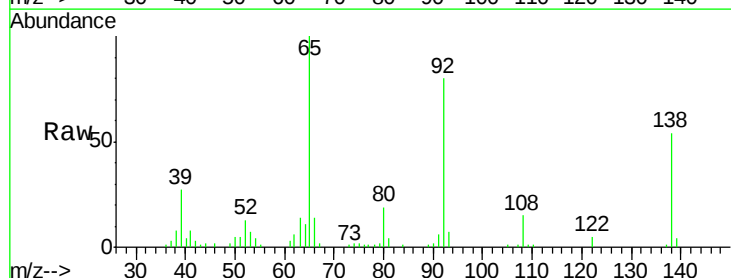
RT: 9.89 min Scan# 683

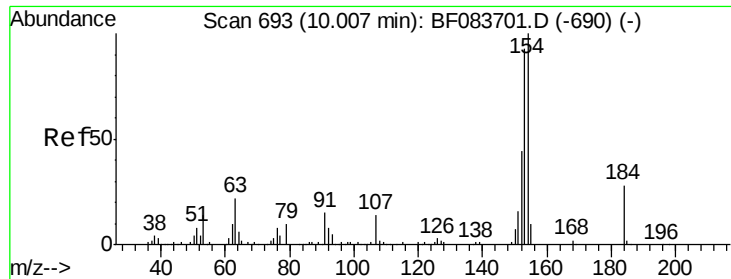
Delta R.T. -0.01 min

Lab File: BF083699.D

Acq: 11 Dec 2015 15:47

Tgt Ion:	138	Resp:	33486
Ion Ratio	Lower	Upper	
138	100		
108	27.9	9.9	14.9#
92	147.6	113.8	170.8





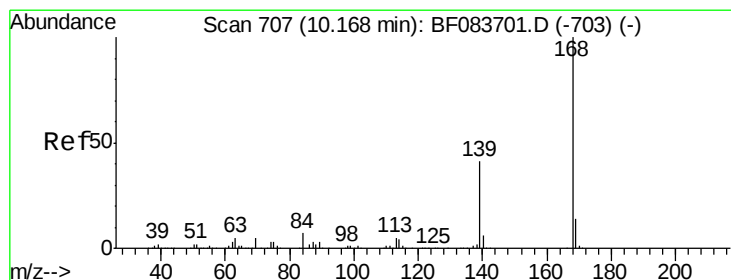
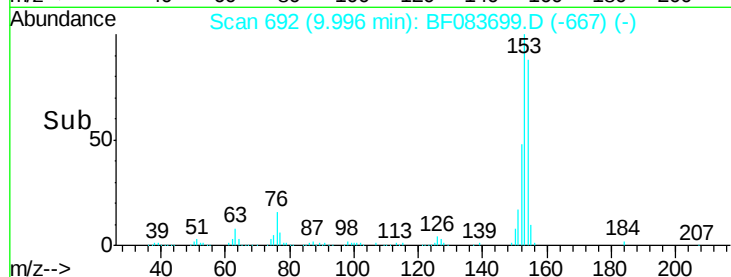
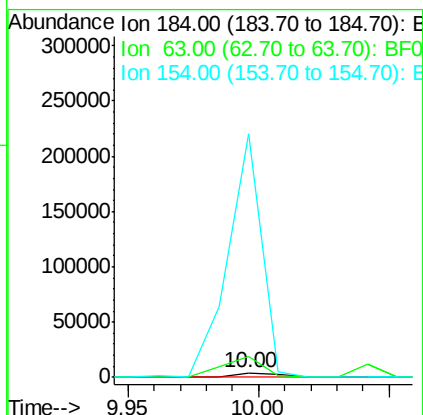
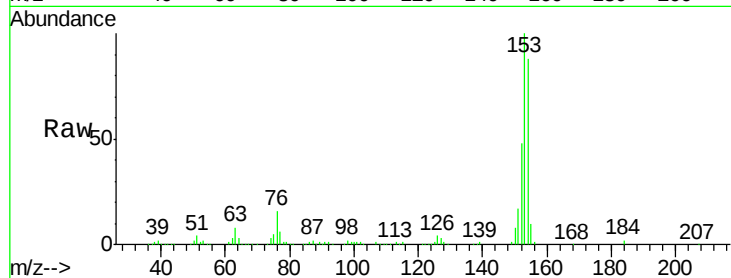
#53
2,4-Dinitrophenol
Concen: 2.13 ng
RT: 10.00 min Scan# 692
Delta R.T. -0.01 min
Lab File: BF083699.D
Acq: 11 Dec 2015 15:47

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Tot Ion:184 Resp: 4404
Ion Ratio Lower Upper
184 100
63 492.7 62.4 93.6#
154 5596.7 46.6 69.8

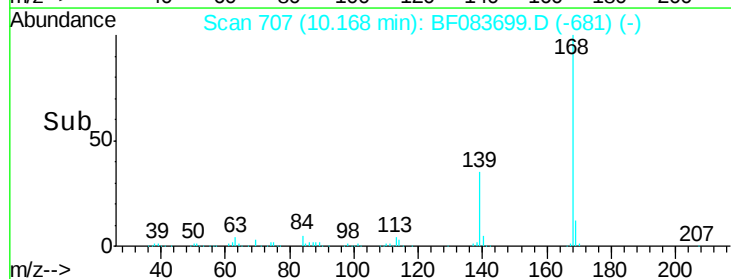
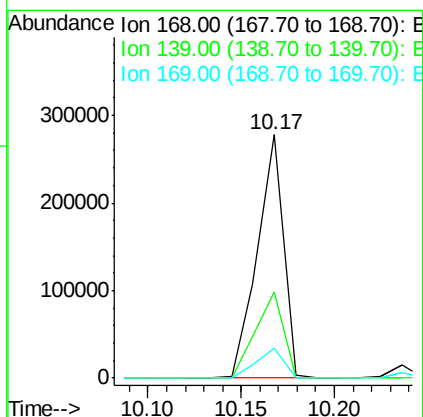
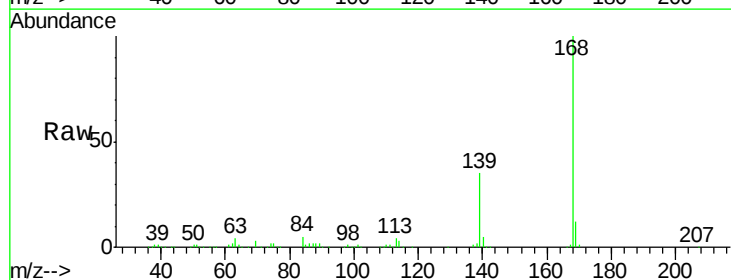
Manual Integrations
APPROVED

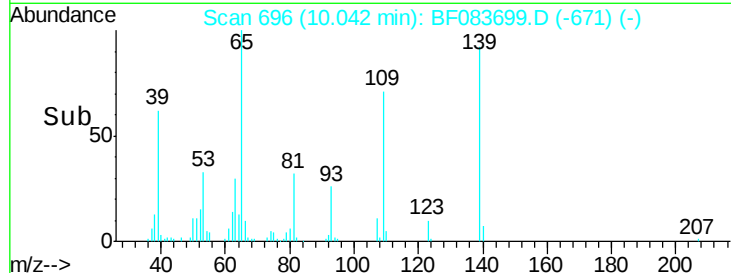
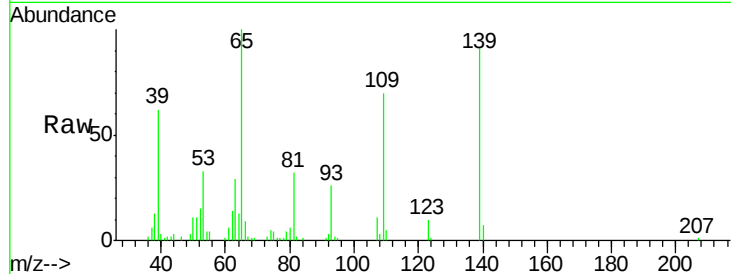
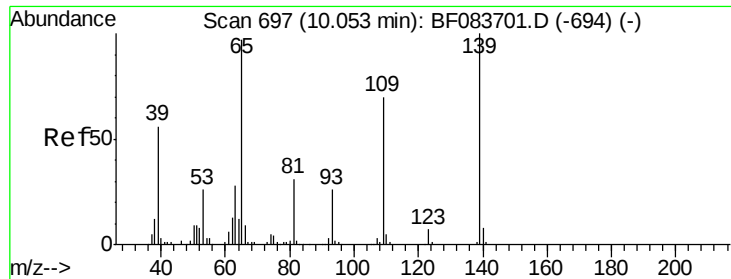
MMdadoda
12/14/2015 6:22:18 PM



#54
Dibenzofuran
Concen: 10.57 ng
RT: 10.17 min Scan# 707
Delta R.T. 0.00 min
Lab File: BF083699.D
Acq: 11 Dec 2015 15:47

Tgt Ion:168 Resp: 267966
Ion Ratio Lower Upper
168 100
139 35.2 28.0 42.0
169 12.5 10.8 16.2





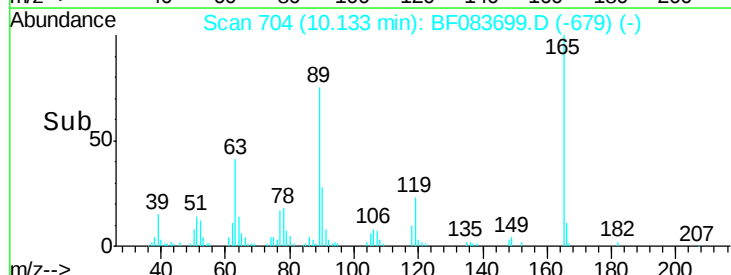
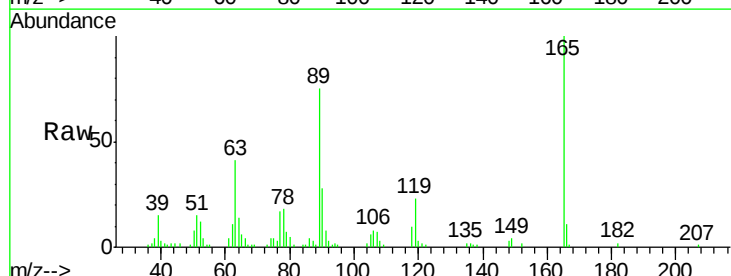
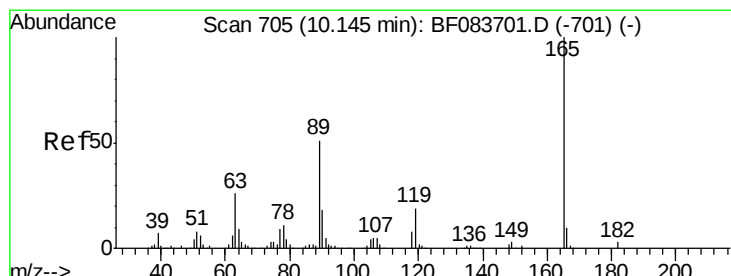
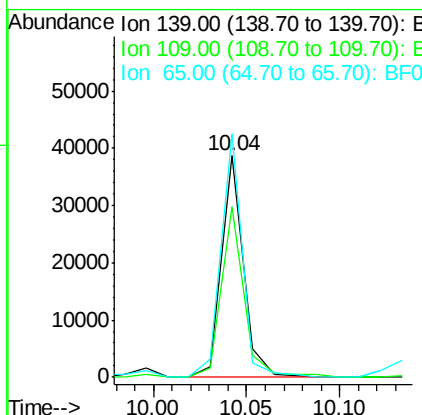
#55
4-Nitrophenol
Concen: 13.95 ng
RT: 10.04 min Scan# 696
Delta R.T. -0.01 min
Lab File: BF083699.D
Acq: 11 Dec 2015 15:47

Tot Ion	Ratio	Resp	Lower	Upper
139	100	31661		
109	77.2	42.0	82.0	
65	110.0	89.2	129.2	

Instrument :
BNA_F
ClientSampleId :
SSTDIC010

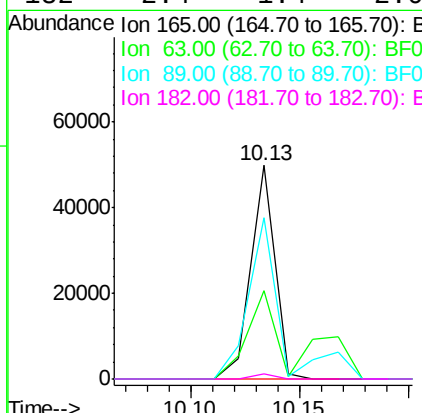
Manual Integrations
APPROVED

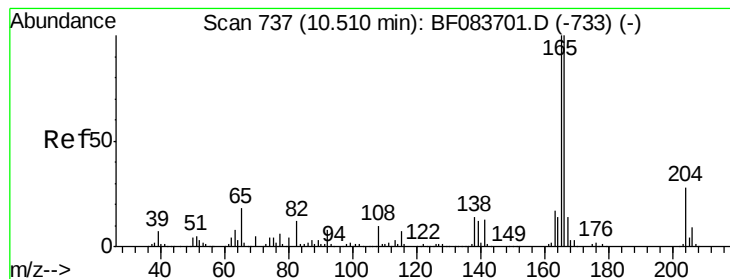
MMdadoda
12/14/2015 6:22:18 PM



#56
2,4-Dinitrotoluene
Concen: 5.94 ng
RT: 10.13 min Scan# 704
Delta R.T. -0.01 min
Lab File: BF083699.D
Acq: 11 Dec 2015 15:47

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	38251		
63	41.2	51.4	77.2#	
89	75.5	72.6	108.8	
182	2.4	1.4	2.0#	





#57

Fluorene

Concen: 10.12 ng

RT: 10.51 min Scan# 737

Delta R.T. 0.00 min

Lab File: BF083699.D

Acq: 11 Dec 2015 15:47

Instrument :

BNA_F

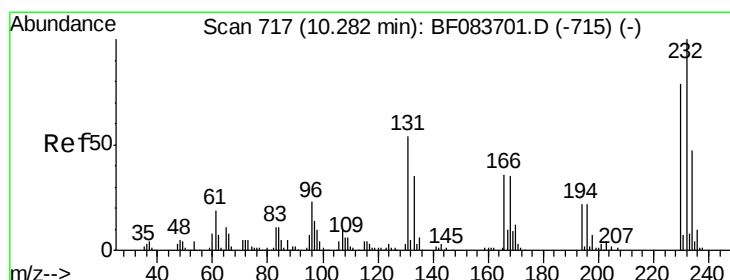
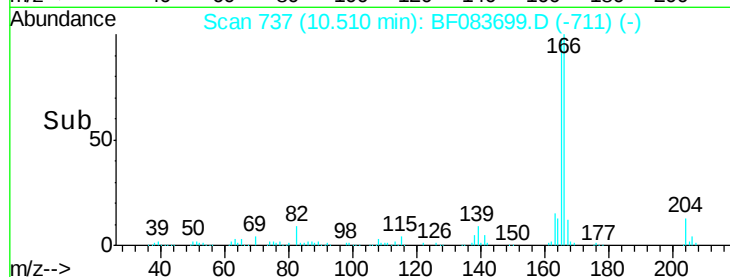
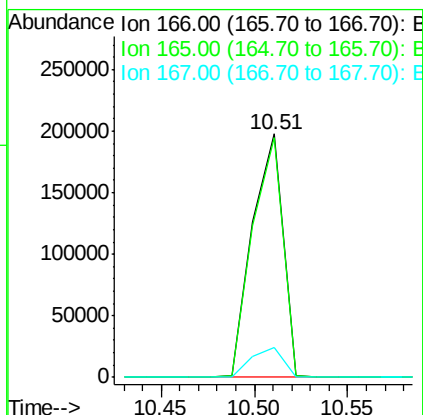
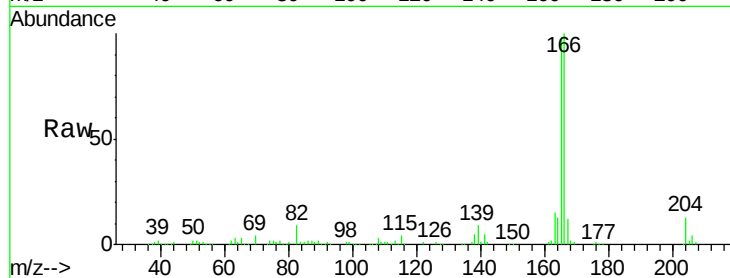
ClientSampleId :

SSTDICC010

Tot Ion:	166	Resp:	224050
Ion Ratio	Lower	Upper	
166	100		
165	98.4	80.0	120.0
167	12.5	10.6	16.0

Manual Integrations
APPROVED

MMdadoda
12/14/2015 6:22:18 PM



#58

2,3,4,6-Tetrachlorophenol

Concen: 10.14 ng

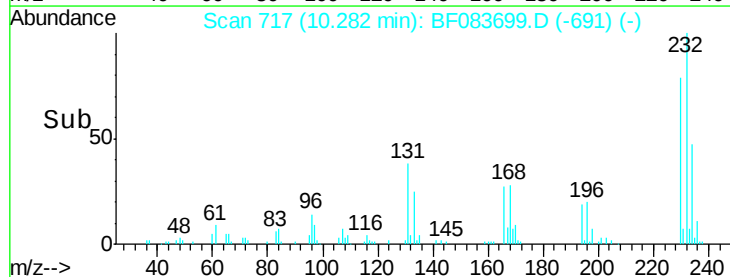
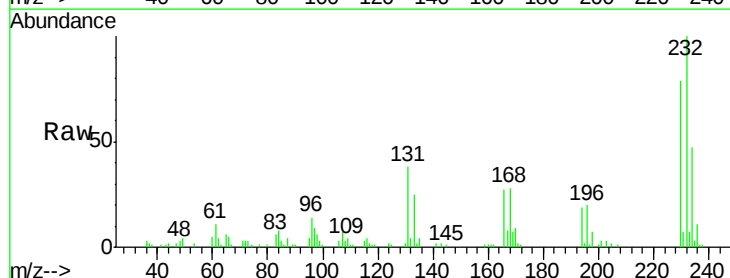
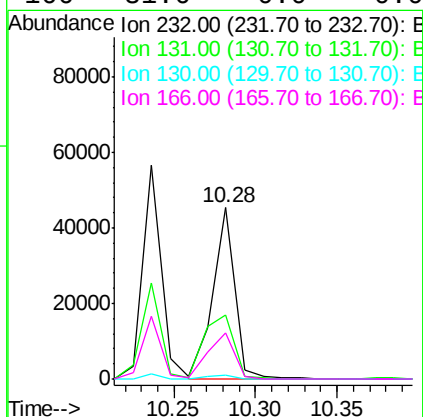
RT: 10.28 min Scan# 717

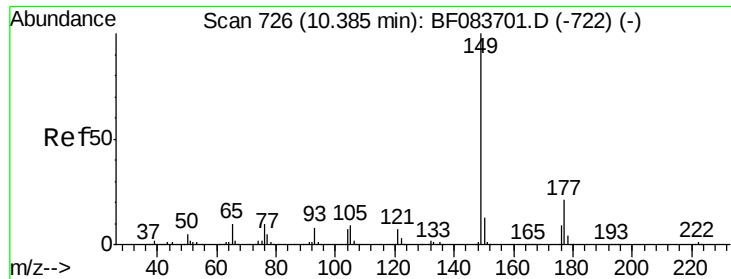
Delta R.T. 0.00 min

Lab File: BF083699.D

Acq: 11 Dec 2015 15:47

Tgt Ion:	232	Resp:	42871
Ion Ratio	Lower	Upper	
232	100		
131	51.3	0.0	0.0#
130	2.5	0.0	0.0#
166	31.6	0.0	0.0#





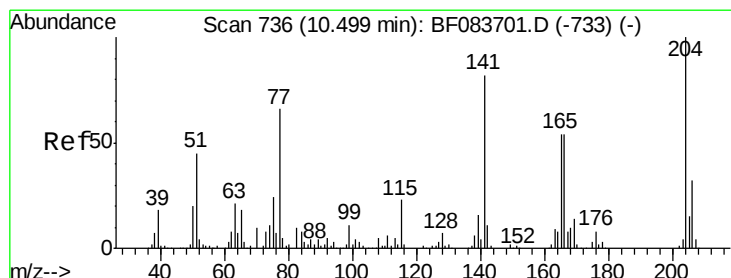
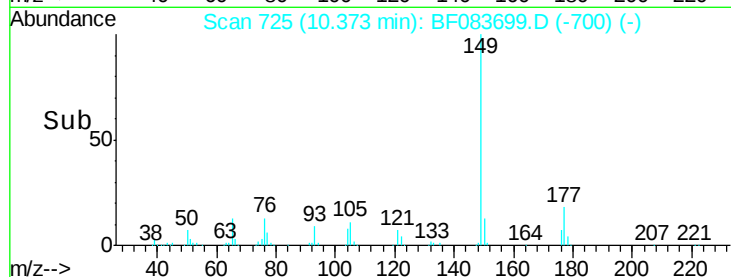
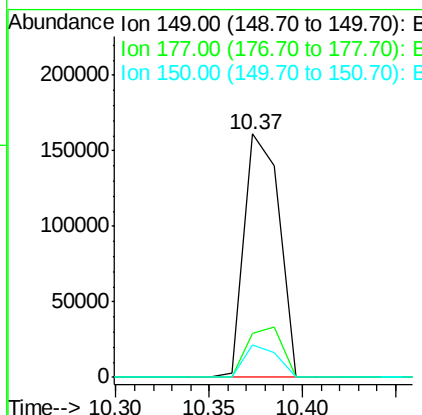
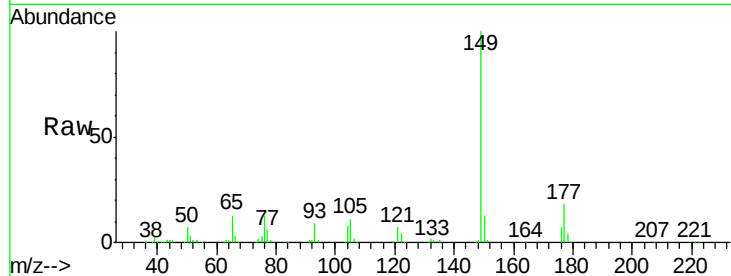
#59
Diethylphthalate
Concen: 9.14 ng
RT: 10.37 min Scan# 725
Delta R.T. -0.01 min
Lab File: BF083699.D
Acq: 11 Dec 2015 15:47

Instrument :
BNA_F
ClientSampleId :
SSTDIC010

Tot Ion	Ratio	Resp	Lower	Upper
149	100	208734		
177	18.1		16.9	25.3
150	13.3		10.2	15.4

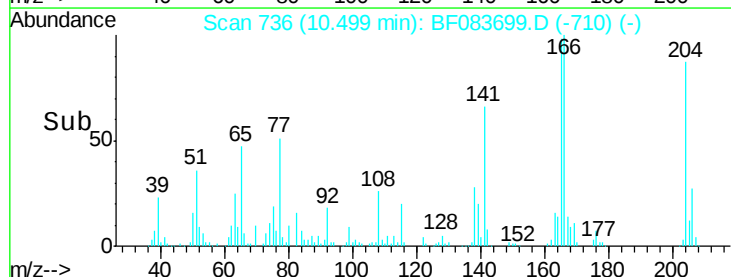
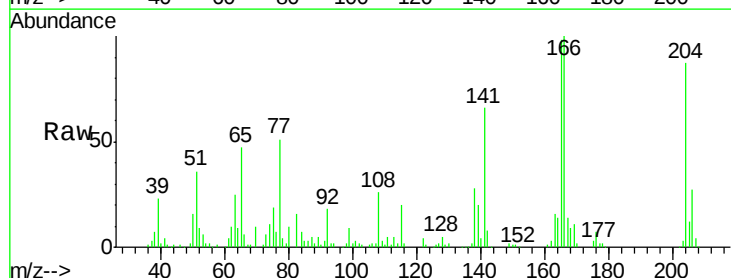
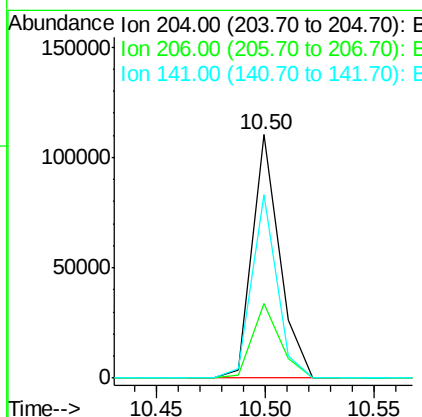
Manual Integrations
APPROVED

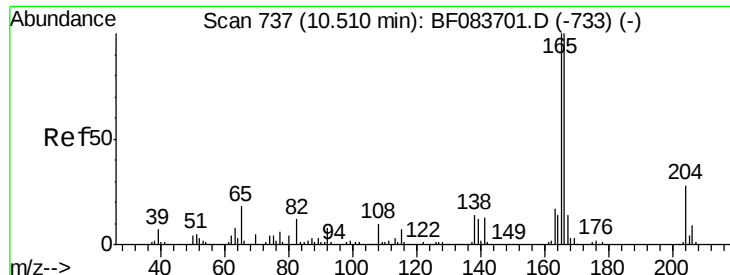
MMdadoda
12/14/2015 6:22:18 PM



#60
4-Chlorophenyl-phenylether
Concen: 9.13 ng
RT: 10.50 min Scan# 736
Delta R.T. 0.00 min
Lab File: BF083699.D
Acq: 11 Dec 2015 15:47

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	96187		
206	30.9		27.3	40.9
141	75.3		51.9	77.9





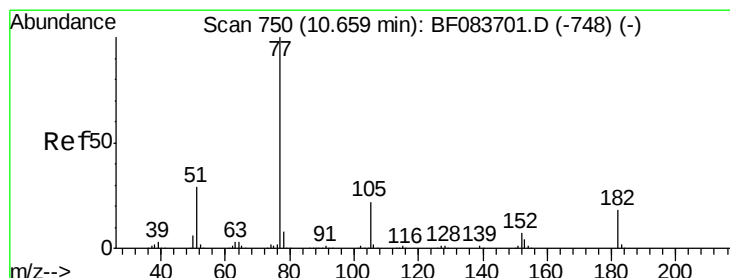
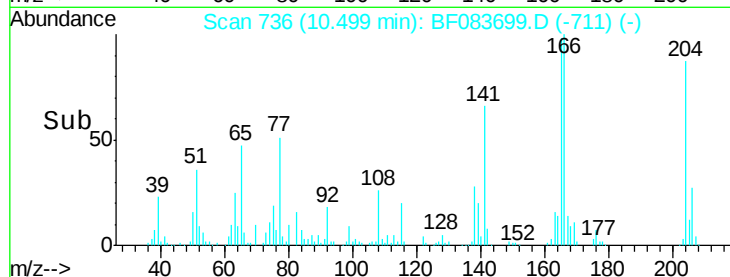
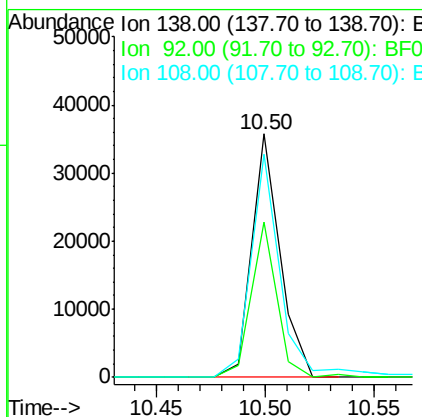
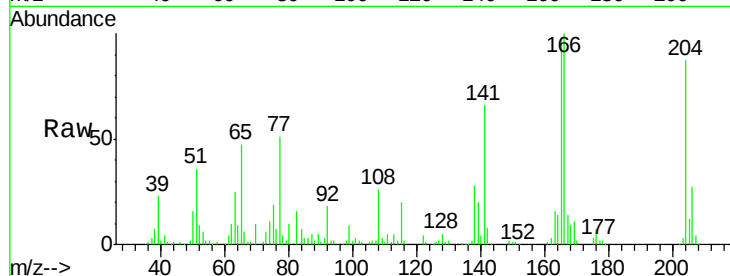
#61
4-Nitroaniline
Concen: 6.87 ng
RT: 10.50 min Scan# 736
Delta R.T. -0.01 min
Lab File: BF083699.D
Acq: 11 Dec 2015 15:47

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Tot Ion	Ratio	Resp	Lower	Upper
138	100			
92	63.7	29.0	69.0	
108	91.7	47.4	87.4	

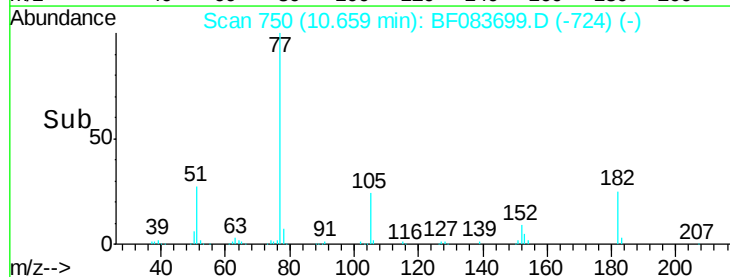
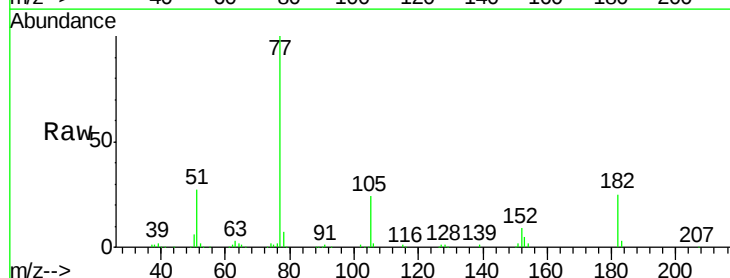
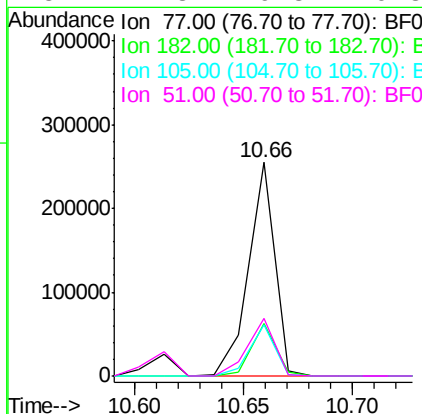
Manual Integrations
APPROVED

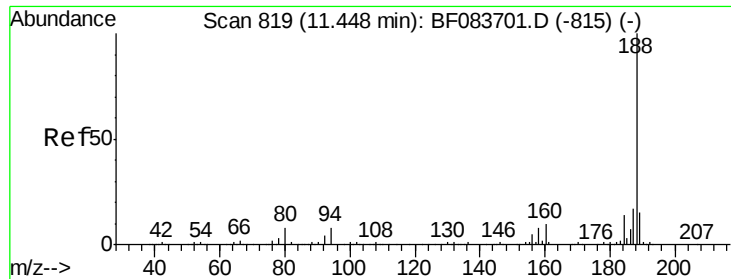
MMdadoda
12/14/2015 6:22:18 PM



#62
Azobenzene
Concen: 8.49 ng
RT: 10.66 min Scan# 750
Delta R.T. 0.00 min
Lab File: BF083699.D
Acq: 11 Dec 2015 15:47

Tgt Ion	Ratio	Resp	Lower	Upper
77	100			
182	24.8	2.5	42.5	
105	24.1	2.1	42.1	
51	27.3	9.3	49.3	





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.44 min Scan# 818

Delta R.T. -0.01 min

Lab File: BF083699.D

Acq: 11 Dec 2015 15:47

Instrument :

BNA_F

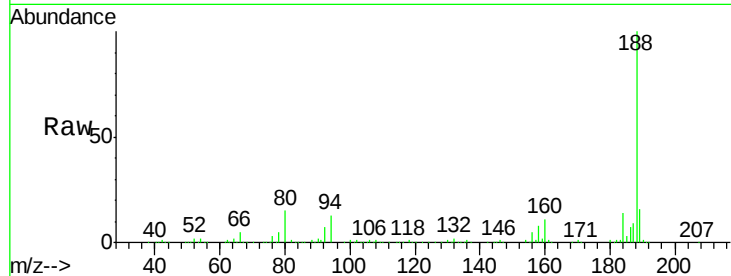
ClientSampleId :

SSTDICC010

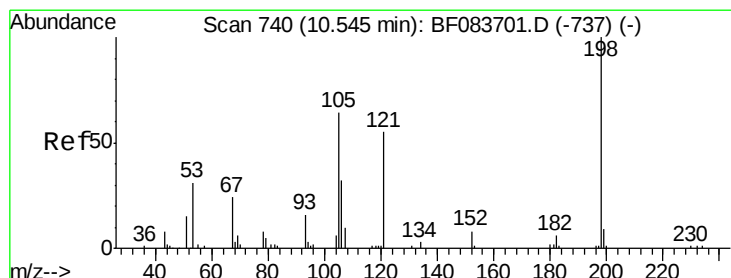
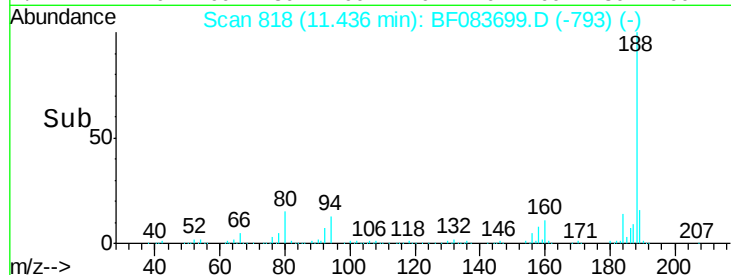
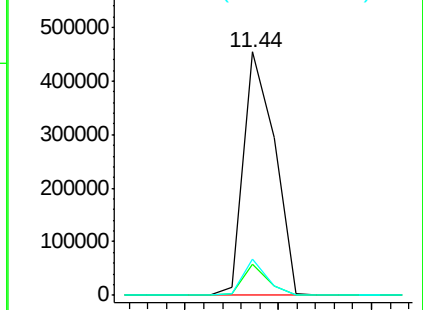
Tot Ion:	188	Resp:	526179
Ion Ratio	Lower	Upper	
188	100		
94	13.0	9.4	14.2
80	15.1	10.6	16.0

Manual Integrations
APPROVED

MMdadoda
12/14/2015 6:22:18 PM



Abundance Ion 188.00 (187.70 to 188.70): E



#64

4,6-Dinitro-2-methylphenol

Concen: 2.50 ng

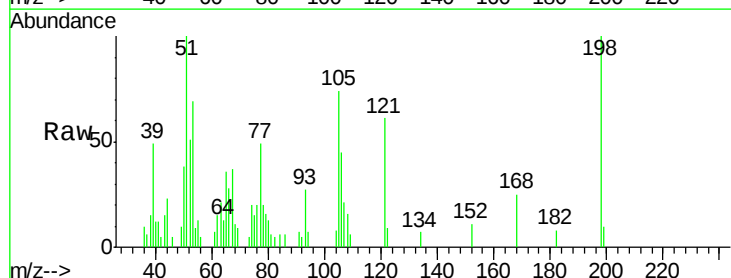
RT: 10.53 min Scan# 739

Delta R.T. -0.01 min

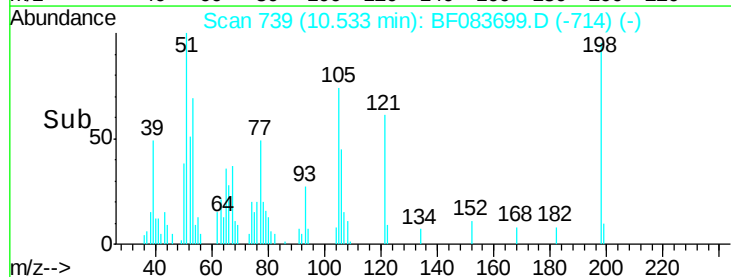
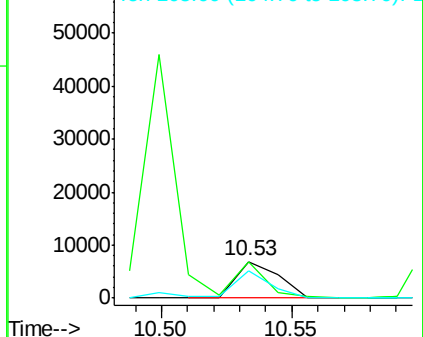
Lab File: BF083699.D

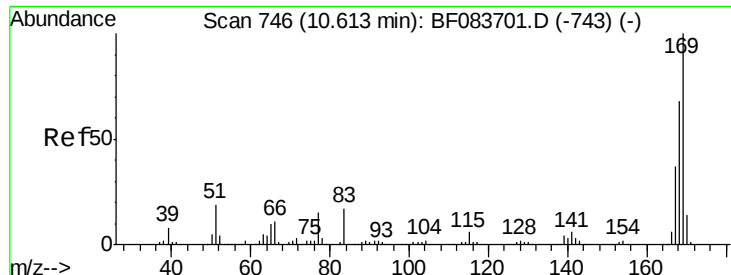
Acq: 11 Dec 2015 15:47

Tgt Ion:	198	Resp:	7885
Ion Ratio	Lower	Upper	
198	100		
51	100.0	53.8	93.8#
105	73.6	38.6	78.6



Abundance Ion 198.00 (197.70 to 198.70): E





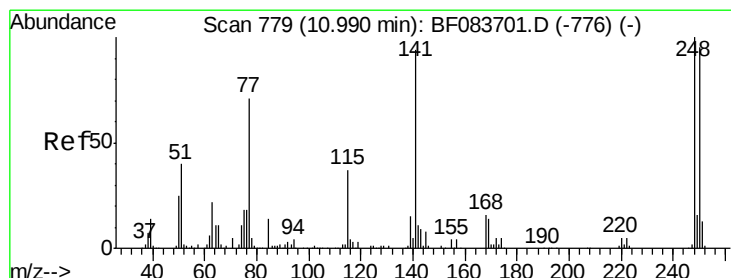
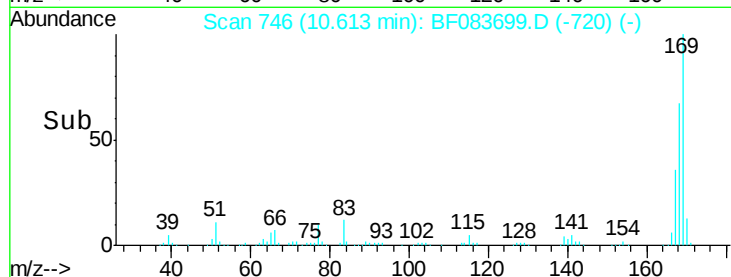
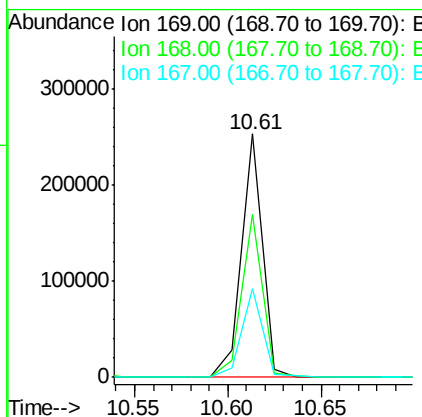
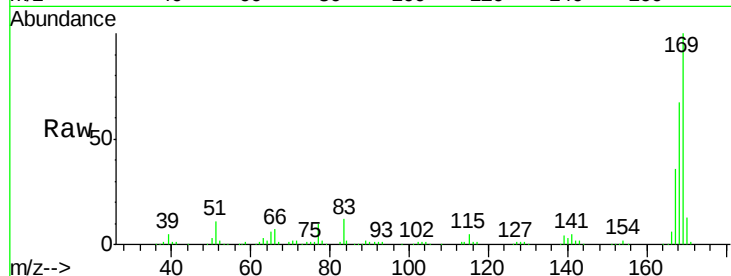
#65
n-Nitrosodiphenylamine
Concen: 11.41 ng
RT: 10.61 min Scan# 746
Delta R.T. 0.00 min
Lab File: BF083699.D
Acq: 11 Dec 2015 15:47

Instrument :
BNA_F
ClientSampleId :
SSTDIC010

Tot Ion	Ratio	Resp	Lower	Upper
169	100	198113		
168	66.8	53.0	79.6	
167	36.2	29.3	43.9	

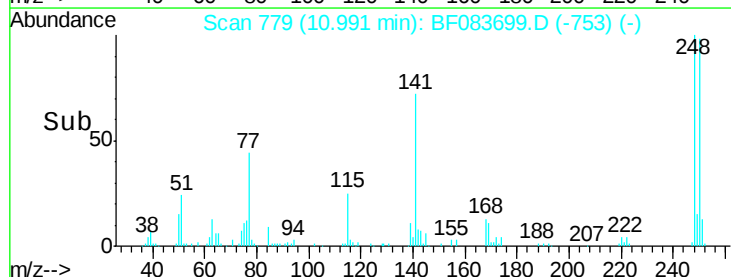
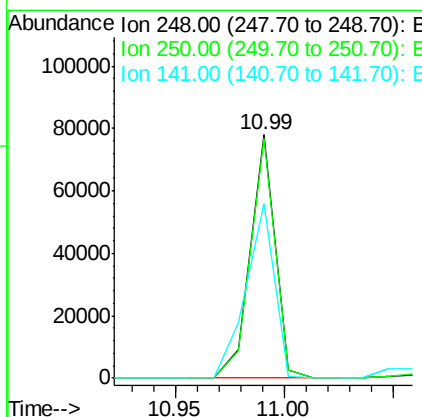
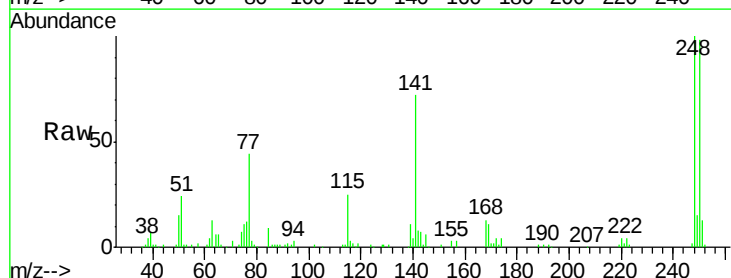
Manual Integrations
APPROVED

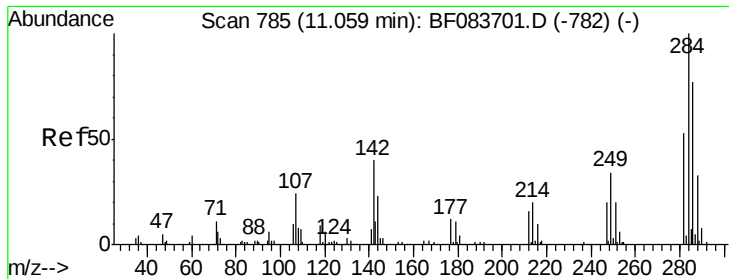
MMdadoda
12/14/2015 6:22:18 PM



#66
4-Bromophenyl-phenylether
Concen: 10.49 ng
RT: 10.99 min Scan# 779
Delta R.T. 0.00 min
Lab File: BF083699.D
Acq: 11 Dec 2015 15:47

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	61573		
250	98.4	79.2	118.8	
141	71.8	58.2	87.4	





#67

Hexachlorobenzene

Concen: 10.52 ng

RT: 11.06 min Scan# 785

Delta R.T. 0.00 min

Lab File: BF083699.D

Acq: 11 Dec 2015 15:47

Instrument :

BNA_F

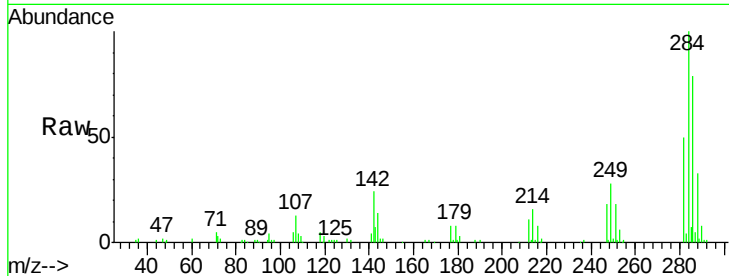
ClientSampleId :

SSTDICC010

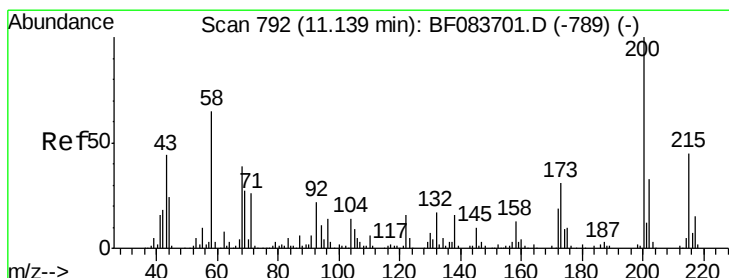
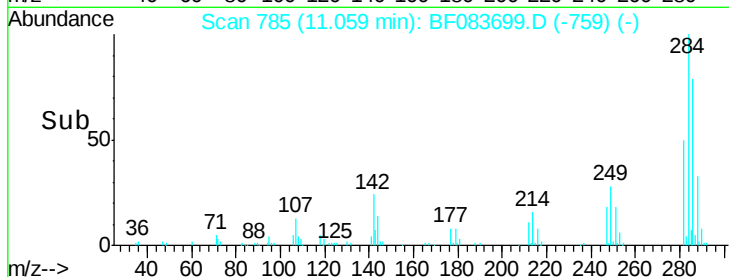
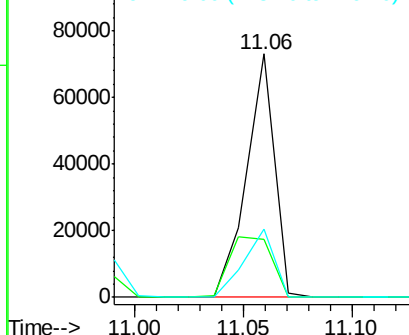
Tot Ion:	284	Resp:	65528
Ion Ratio	Lower	Upper	
284	100		
142	23.8	31.0	46.4#
249	28.1	26.9	40.3

Manual Integrations
APPROVED

MMdadoda
12/14/2015 6:22:18 PM



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



#68

Atrazine

Concen: 10.74 ng

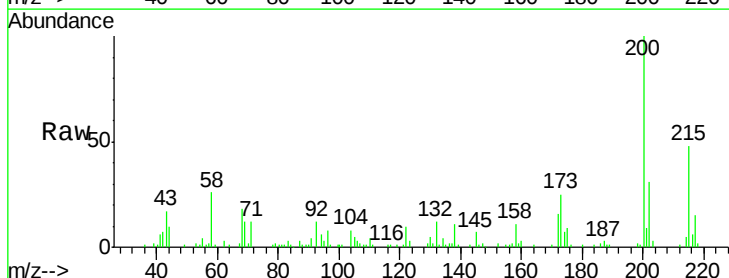
RT: 11.14 min Scan# 792

Delta R.T. 0.00 min

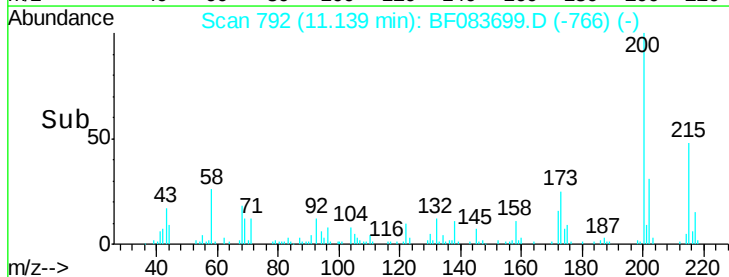
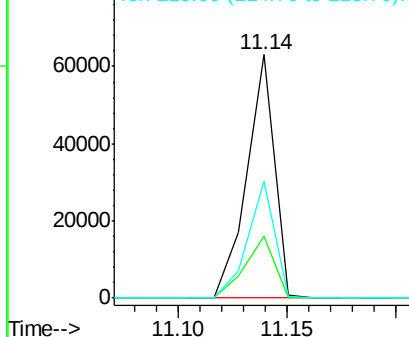
Lab File: BF083699.D

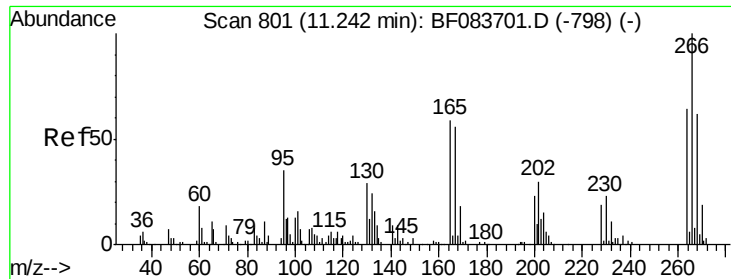
Acq: 11 Dec 2015 15:47

Tgt Ion:	200	Resp:	55499
Ion Ratio	Lower	Upper	
200	100		
173	25.5	7.8	47.8
215	47.8	25.7	65.7



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





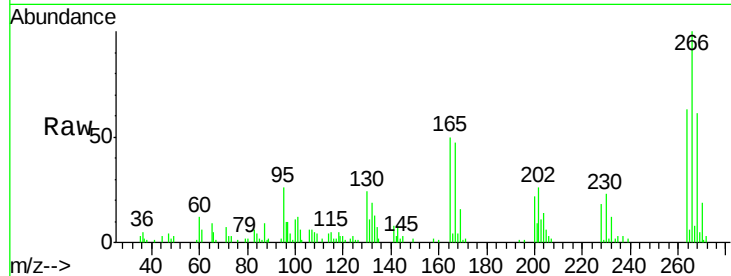
#69
 Pentachlorophenol
 Concen: 23.56 ng
 RT: 11.24 min Scan# 801
 Delta R.T. 0.00 min
 Lab File: BF083699.D
 Acq: 11 Dec 2015 15:47

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC010

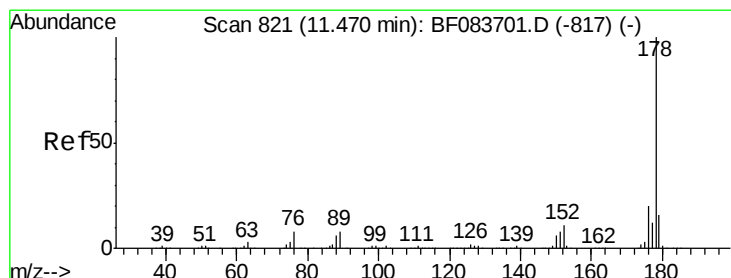
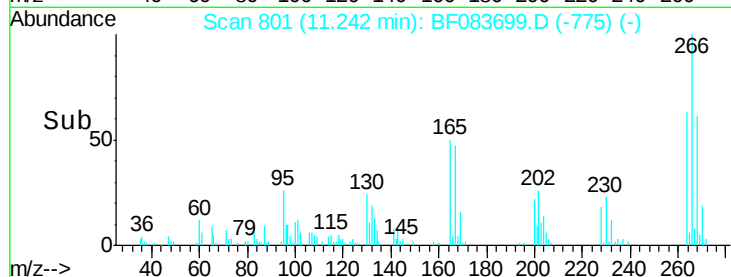
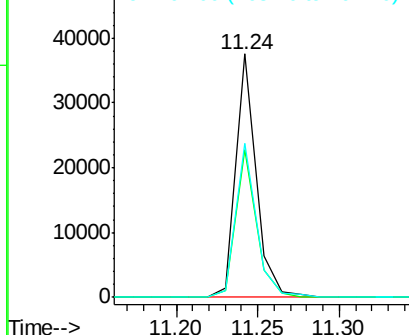
Tot Ion	Ratio	Lower	Upper
266	100		
268	60.8	50.2	75.2
264	63.3	51.4	77.2

Manual Integrations
 APPROVED

MMdadoda
 12/14/2015 6:22:18 PM

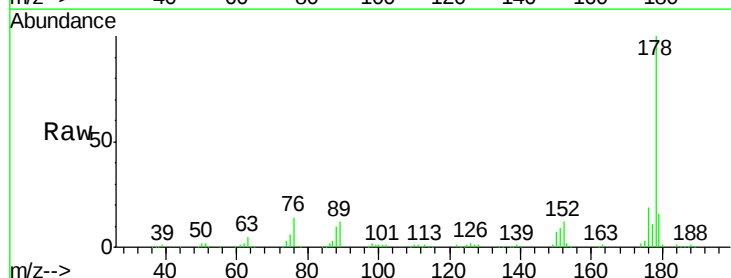


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

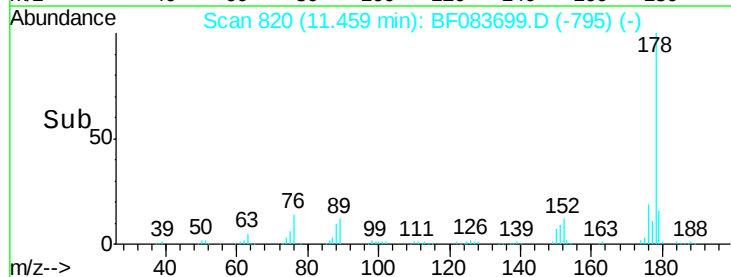
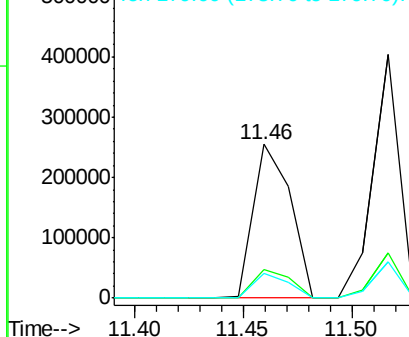


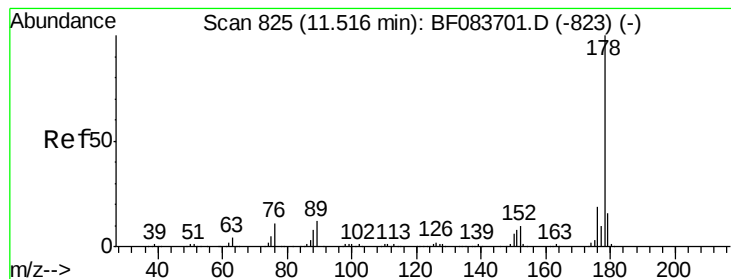
#70
 Phenanthrene
 Concen: 10.09 ng
 RT: 11.46 min Scan# 820
 Delta R.T. -0.01 min
 Lab File: BF083699.D
 Acq: 11 Dec 2015 15:47

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.0	15.7	23.5
179	15.7	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: 10.80 ng

RT: 11.52 min Scan# 825

Delta R.T. 0.00 min

Lab File: BF083699.D

Acq: 11 Dec 2015 15:47

Instrument :

BNA_F

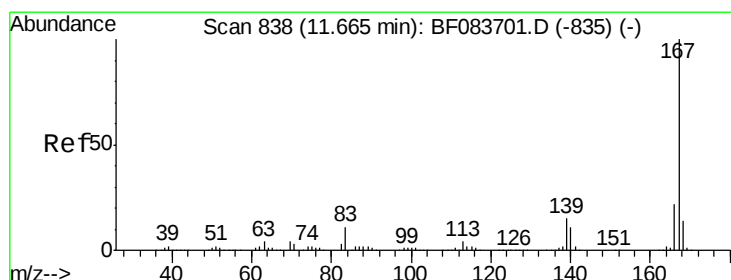
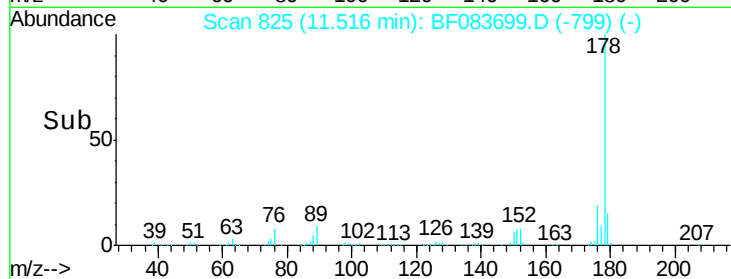
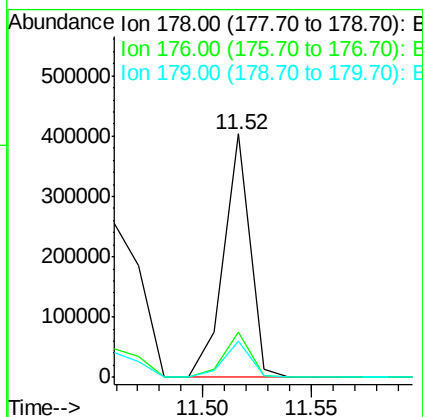
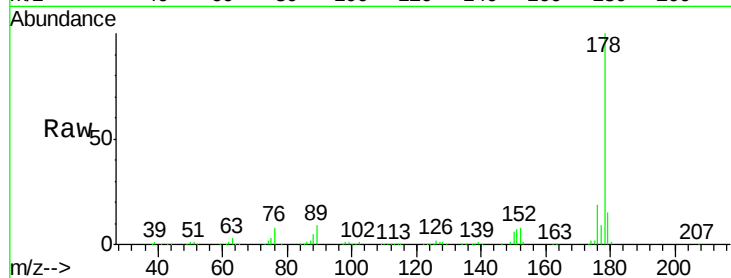
ClientSampleId :

SSTDICC010

Tot Ion:	178	Resp:	338107
Ion Ratio	Lower	Upper	
178	100		
176	18.8	15.2	22.8
179	15.1	12.6	18.8

Manual Integrations
APPROVED

MMdadoda
12/14/2015 6:22:18 PM



#72

Carbazole

Concen: 11.65 ng

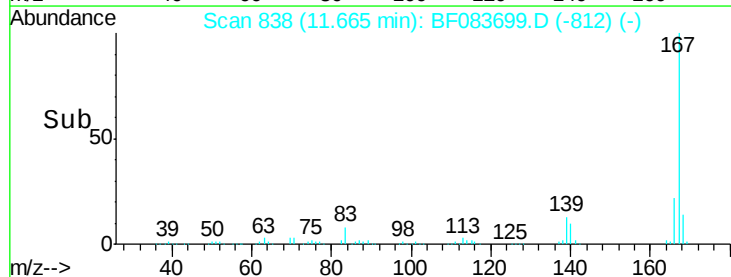
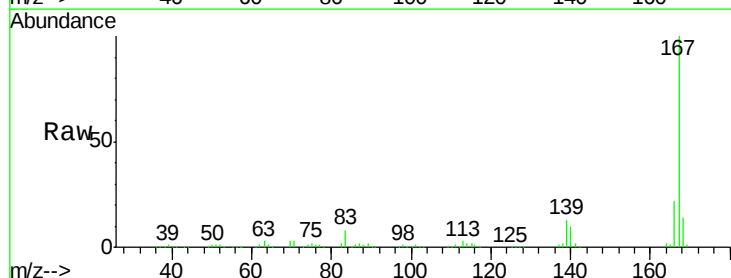
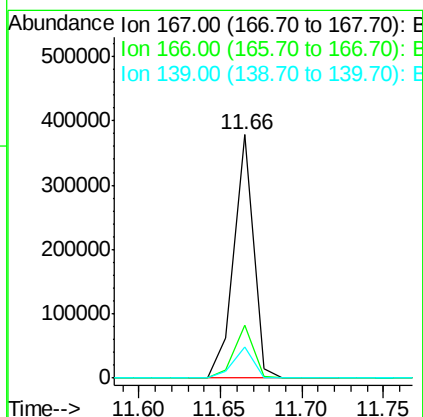
RT: 11.66 min Scan# 838

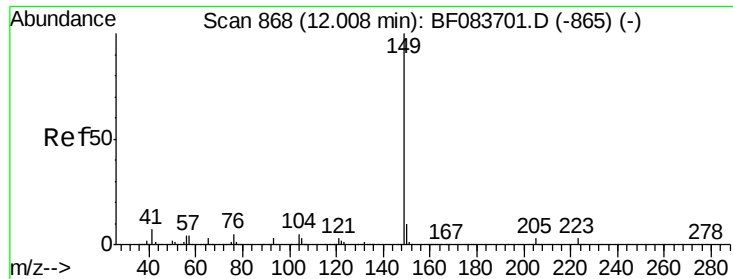
Delta R.T. 0.00 min

Lab File: BF083699.D

Acq: 11 Dec 2015 15:47

Tgt Ion:	167	Resp:	312918
Ion Ratio	Lower	Upper	
167	100		
166	21.9	17.2	25.8
139	13.0	9.3	13.9





#73

Di-n-butylphthalate

Concen: 9.96 ng

RT: 12.01 min Scan# 868

Delta R.T. 0.00 min

Lab File: BF083699.D

Acq: 11 Dec 2015 15:47

Instrument :

BNA_F

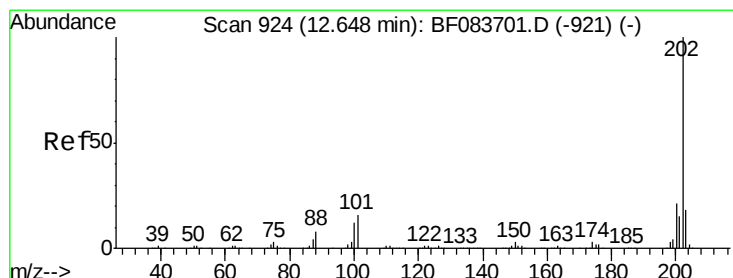
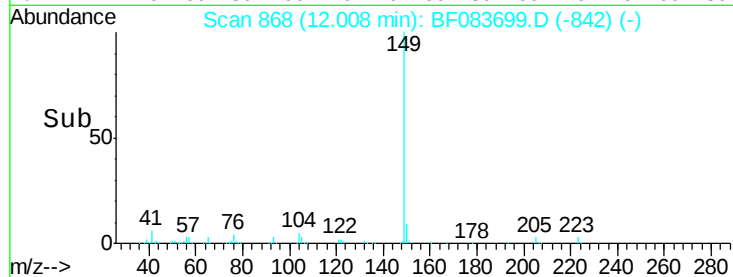
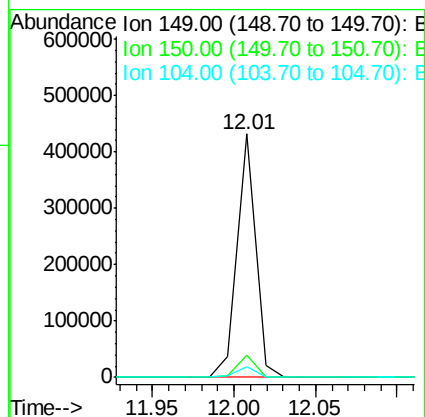
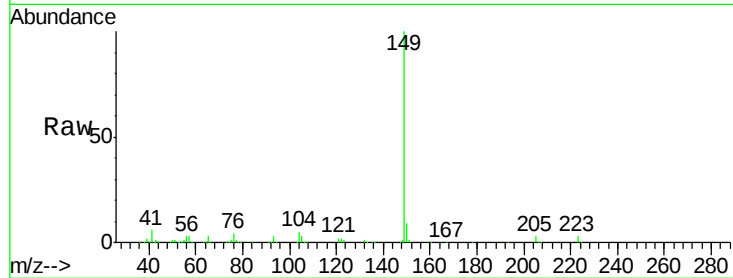
ClientSampleId :

SSTDIC010

Tot Ion:	149	Resp:	336484
Ion Ratio	Lower	Upper	
149	100		
150	9.2	7.8	11.6
104	4.6	3.9	5.9

Manual Integrations
APPROVED

MMdadoda
12/14/2015 6:22:18 PM



#74

Fluoranthene

Concen: 11.22 ng

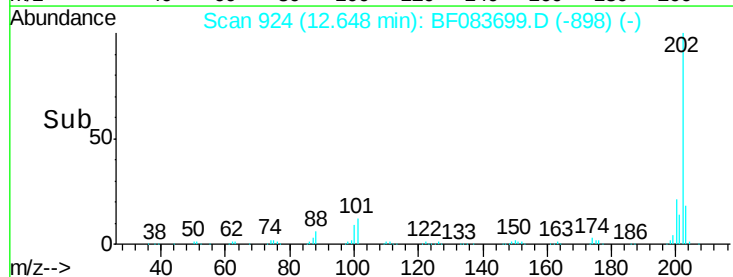
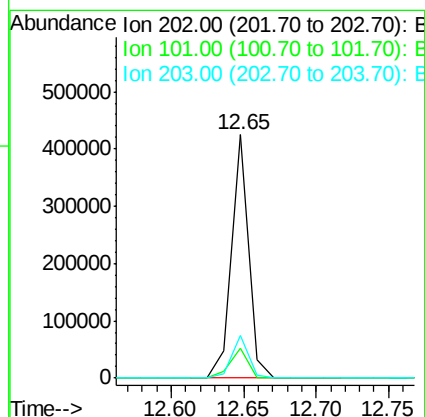
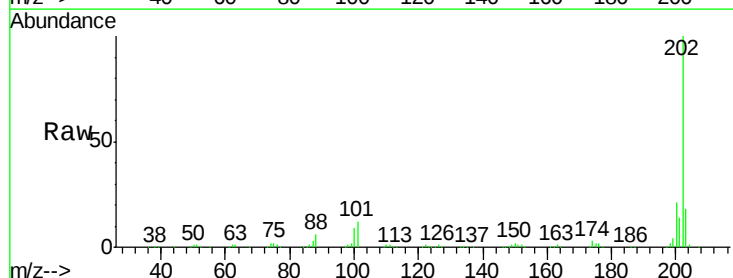
RT: 12.65 min Scan# 924

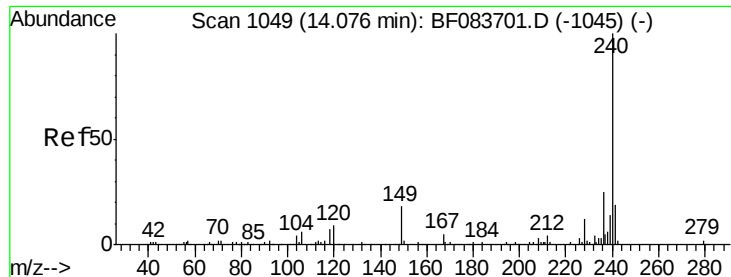
Delta R.T. 0.00 min

Lab File: BF083699.D

Acq: 11 Dec 2015 15:47

Tgt Ion:	202	Resp:	347142
Ion Ratio	Lower	Upper	
202	100		
101	12.3	0.0	31.5
203	17.5	0.0	37.6





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.07 min Scan# 1048

Delta R.T. -0.01 min

Lab File: BF083699.D

Acq: 11 Dec 2015 15:47

Instrument :

BNA_F

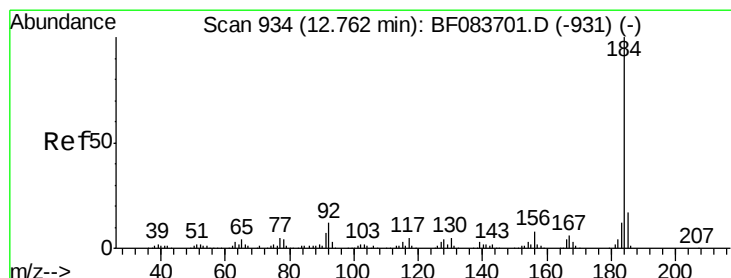
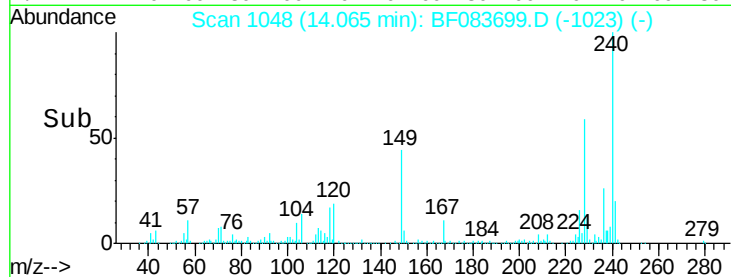
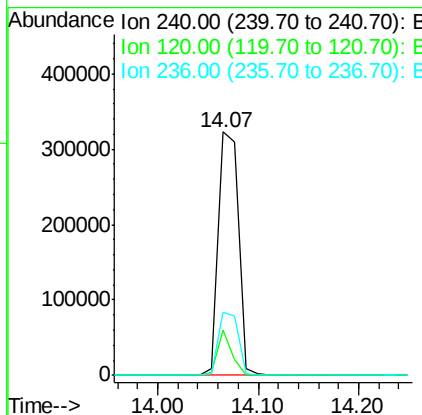
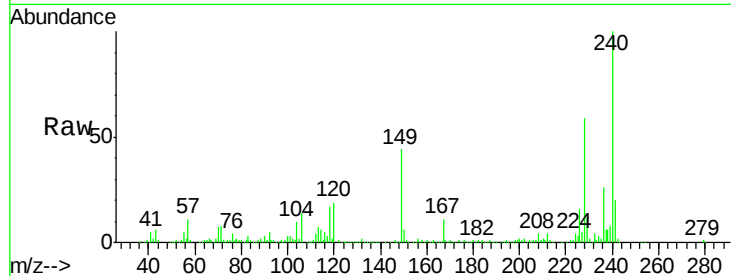
ClientSampleId :

SSTDIC010

Tot Ion	Ratio	Lower	Upper
240	100		
120	18.8	8.1	12.1
236	26.0	20.8	31.2

Manual Integrations
APPROVED

MMdadoda
12/14/2015 6:22:18 PM



#76

Benzidine

Concen: 13.10 ng

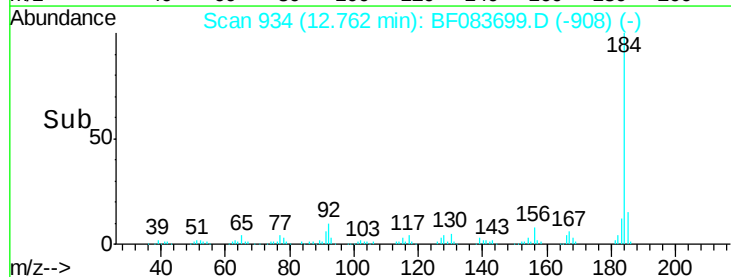
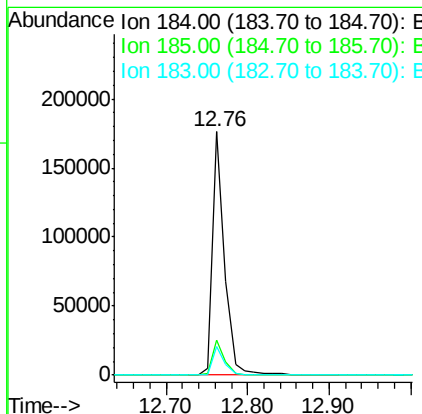
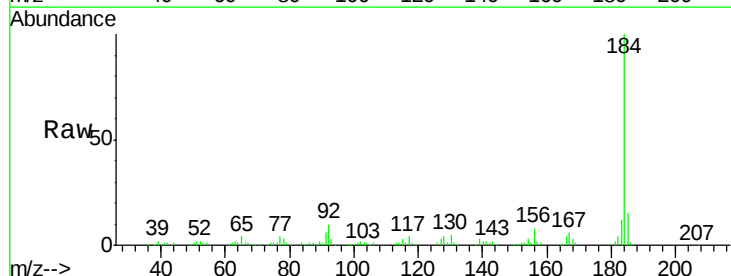
RT: 12.76 min Scan# 934

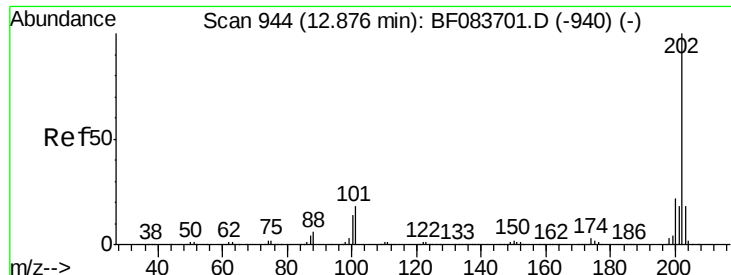
Delta R.T. 0.00 min

Lab File: BF083699.D

Acq: 11 Dec 2015 15:47

Tgt Ion	Ratio	Lower	Upper
184	100		
185	14.6	13.0	19.6
183	11.6	9.0	13.4





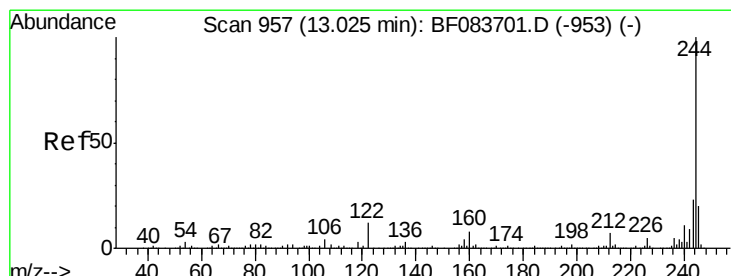
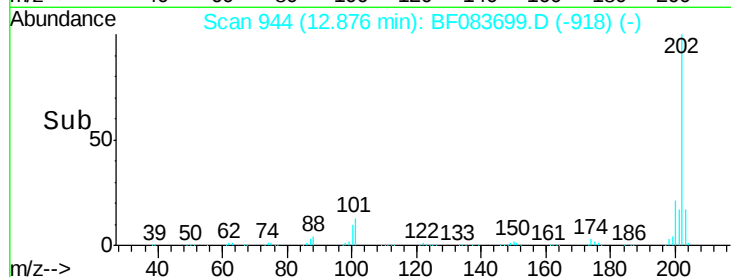
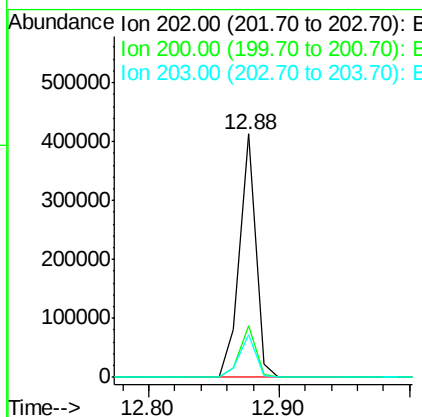
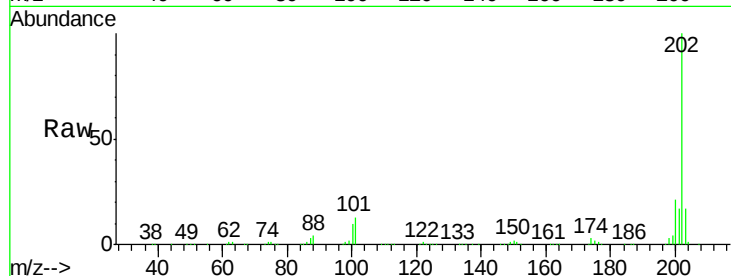
#77
Pvrene
Concen: 10.94 ng
RT: 12.88 min Scan# 944
Delta R.T. 0.00 min
Lab File: BF083699.D
Acq: 11 Dec 2015 15:47

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Tot Ion	Ratio	Resp Lower	Upper
202	100		
200	21.2	16.7	25.1
203	17.4	14.3	21.5

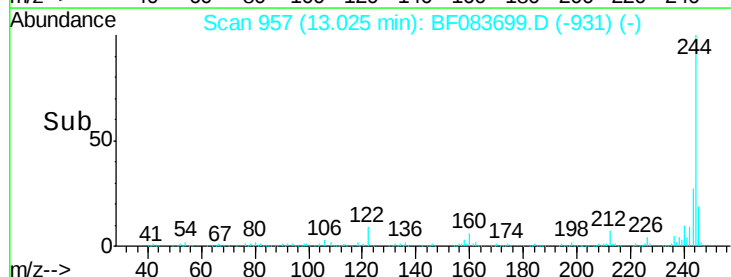
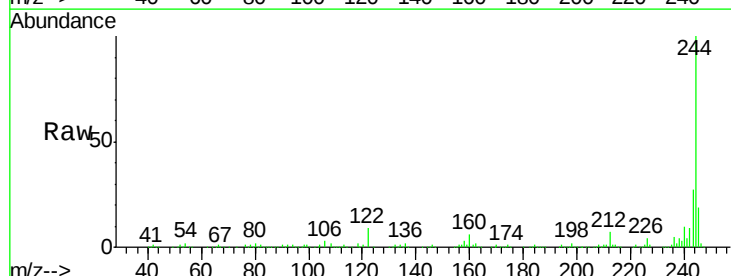
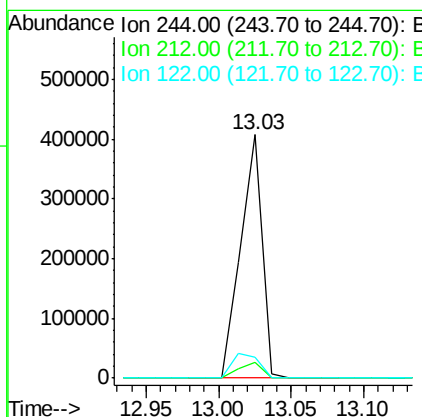
Manual Integrations
APPROVED

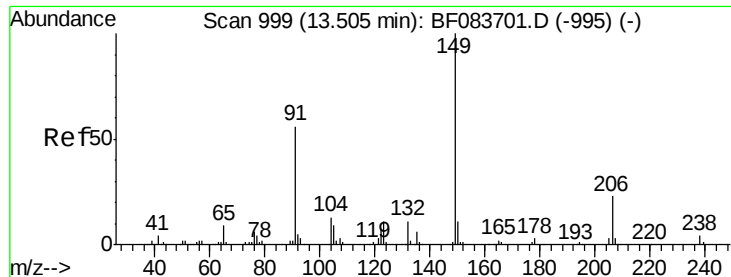
MMdadoda
12/14/2015 6:22:18 PM



#78
Terphenyl-d14
Concen: 21.89 ng
RT: 13.03 min Scan# 957
Delta R.T. 0.00 min
Lab File: BF083699.D
Acq: 11 Dec 2015 15:47

Tgt Ion	Ratio	Resp Lower	Upper
244	100		
212	6.5	6.1	9.1
122	8.8	11.0	16.6#





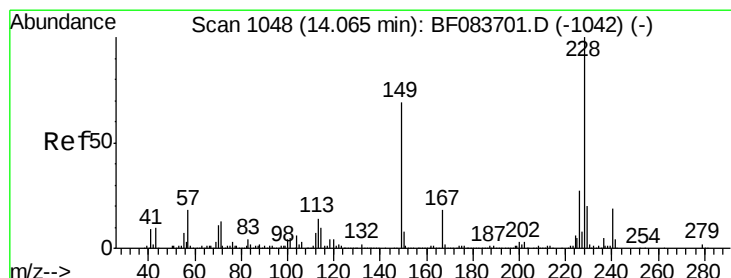
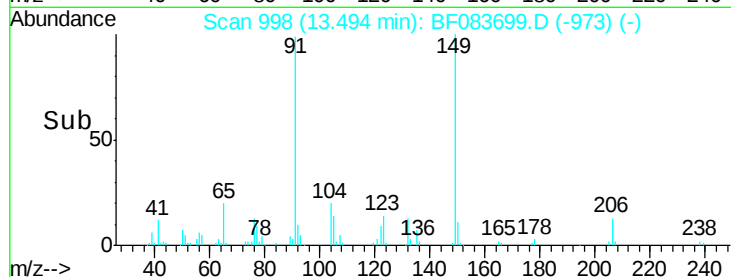
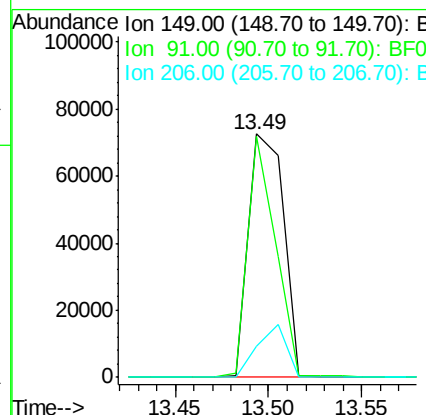
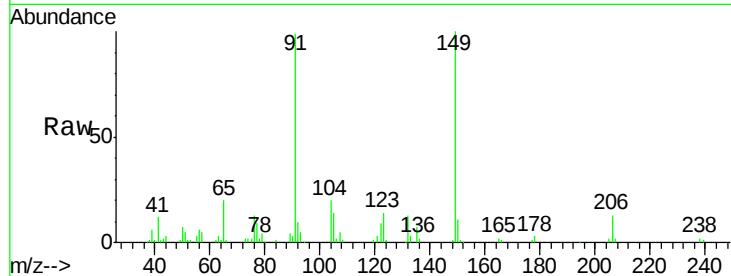
#79
Butylbenzylphthalate
Concen: 6.67 ng
RT: 13.49 min Scan# 998
Delta R.T. -0.01 min
Lab File: BF083699.D
Acq: 11 Dec 2015 15:47

Instrument :
BNA_F
ClientSampleID :
SSTDIC010

Tot Ion	Ratio	Resp Lower	Upper
149	100		
91	99.0	60.0	90.0#
206	12.8	16.2	24.4#

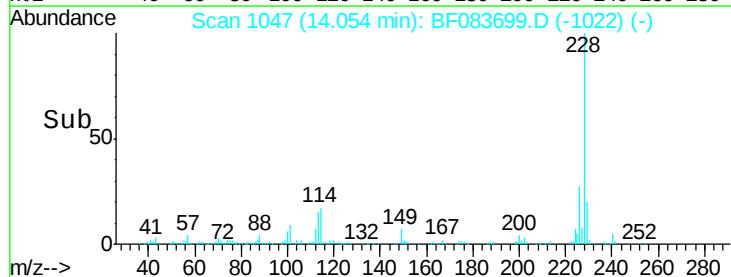
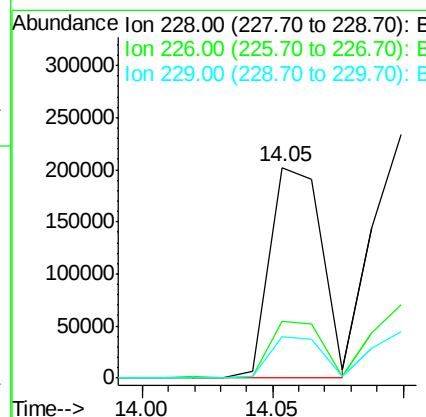
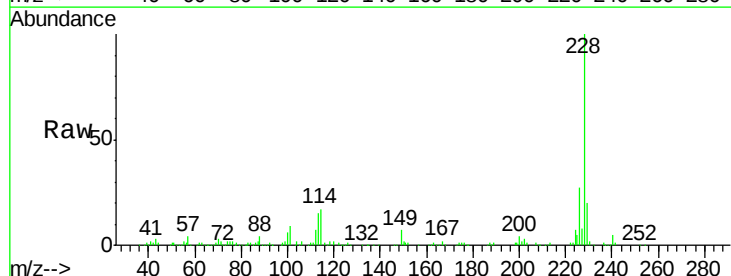
Manual Integrations
APPROVED

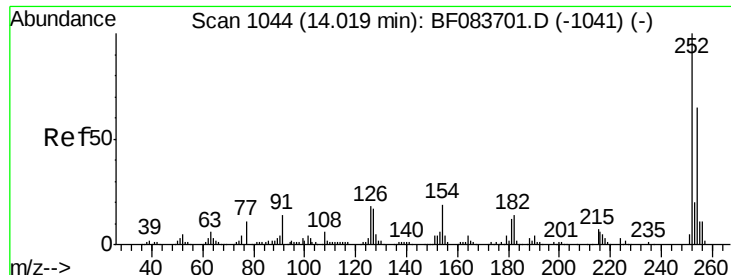
MMdadoda
12/14/2015 6:22:18 PM



#80
Benzo(a)anthracene
Concen: 10.60 ng
RT: 14.05 min Scan# 1047
Delta R.T. -0.01 min
Lab File: BF083699.D
Acq: 11 Dec 2015 15:47

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
226	27.2	22.3	33.5
229	19.9	15.7	23.5





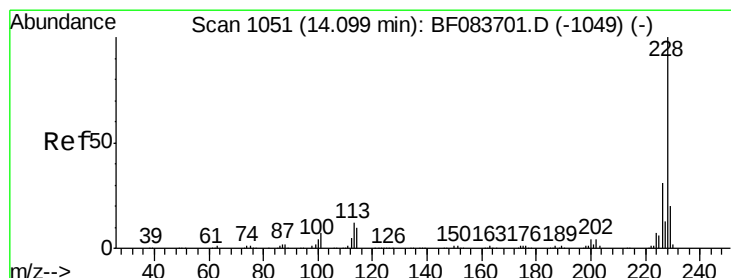
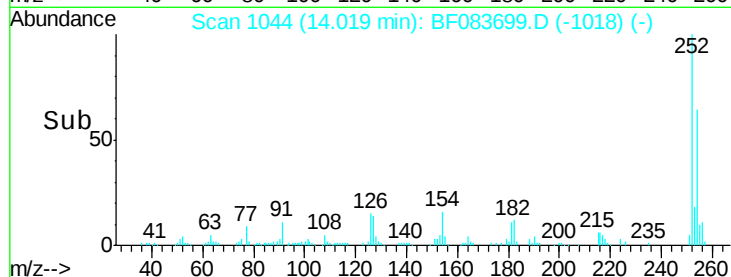
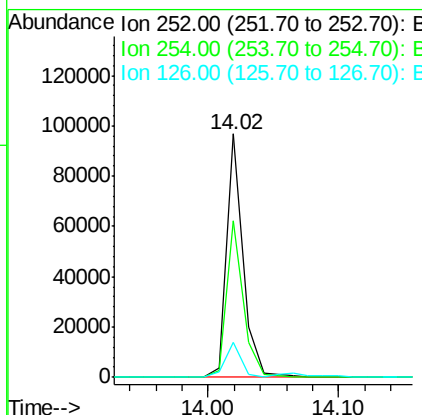
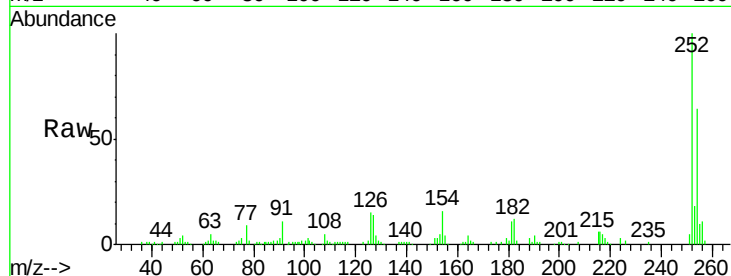
#81
 3,3'-Dichlorobenzidine
 Concen: 9.55 ng
 RT: 14.02 min Scan# 1044
 Delta R.T. 0.00 min
 Lab File: BF083699.D
 Acq: 11 Dec 2015 15:47

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC010

Tot Ion	Ratio	Lower	Upper
252	100		
254	64.1	50.6	76.0
126	14.6	11.0	16.4

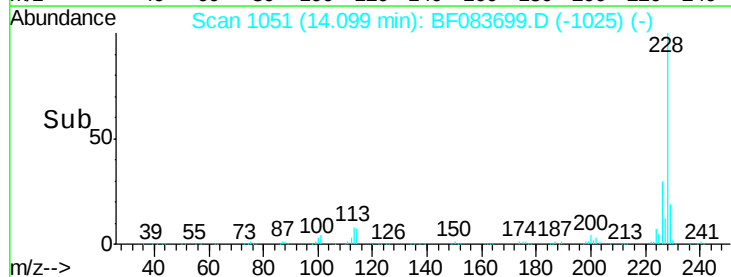
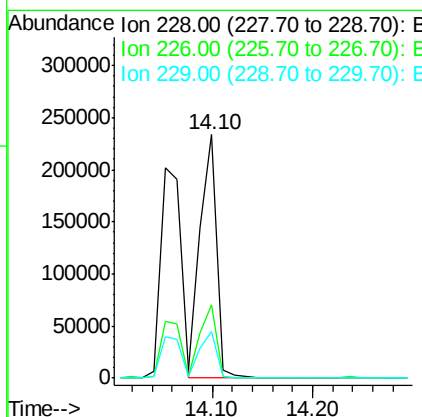
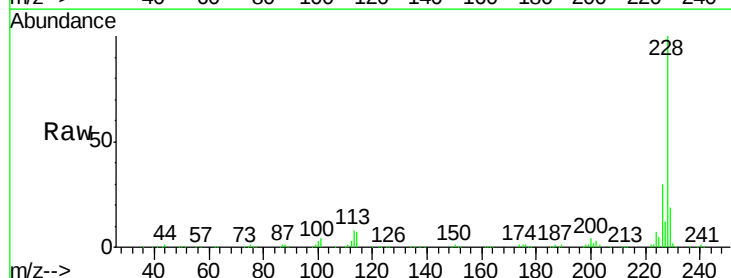
Manual Integrations
 APPROVED

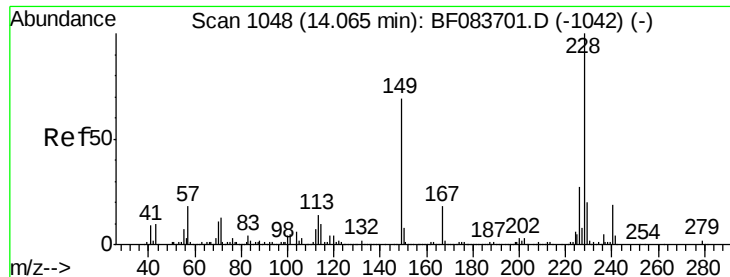
MMdadoda
 12/14/2015 6:22:18 PM



#82
 Chrysene
 Concen: 10.16 ng
 RT: 14.10 min Scan# 1051
 Delta R.T. 0.00 min
 Lab File: BF083699.D
 Acq: 11 Dec 2015 15:47

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.0	24.7	37.1
229	19.3	16.3	24.5





#83

Bis(2-ethylhexyl)phthalate

Concen: 5.93 ng

RT: 14.07 min Scan# 1048

Delta R.T. 0.00 min

Lab File: BF083699.D

Acq: 11 Dec 2015 15:47

Instrument :

BNA_F

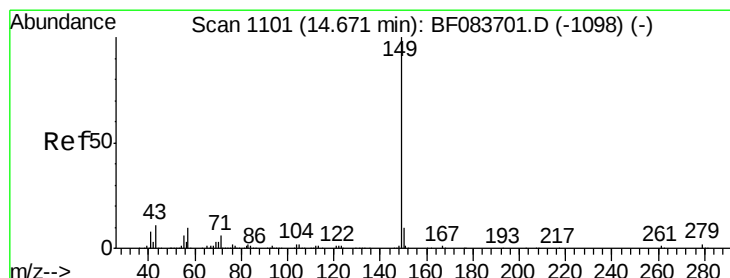
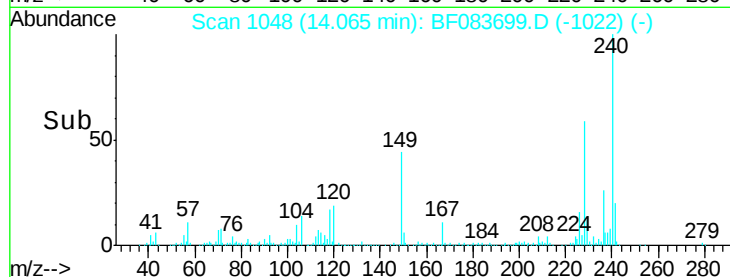
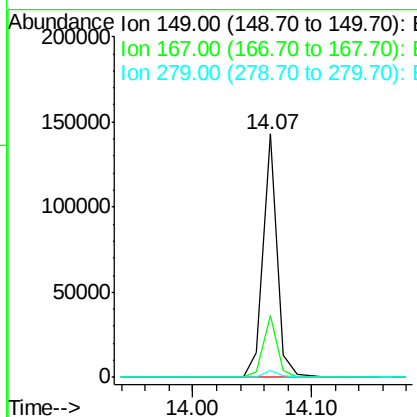
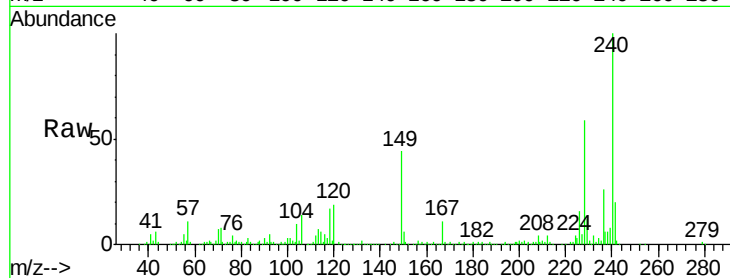
ClientSampleId :

SSTDIC010

Tot Ion:	149	Resp:	118553
Ion Ratio	Lower	Upper	
149	100		
167	25.5	21.8	32.8
279	2.9	3.0	4.4#

Manual Integrations
APPROVED

MMdadoda
12/14/2015 6:22:18 PM



#84

Di-n-octyl phthalate

Concen: 4.25 ng

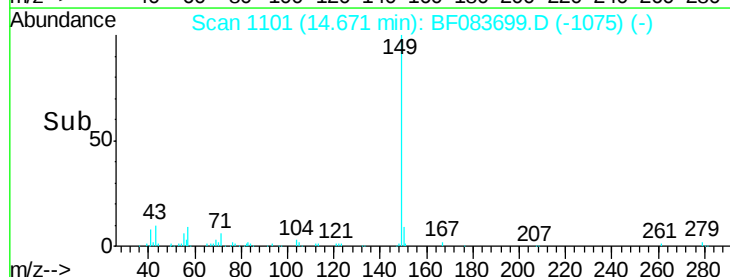
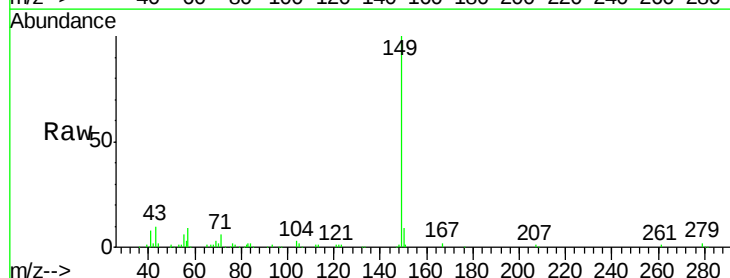
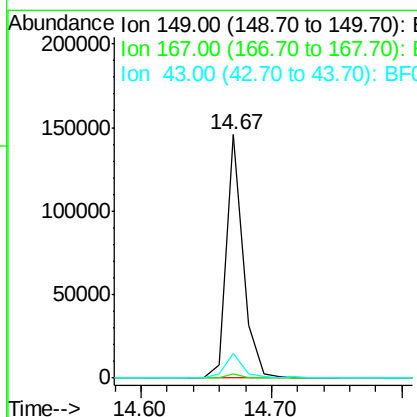
RT: 14.67 min Scan# 1101

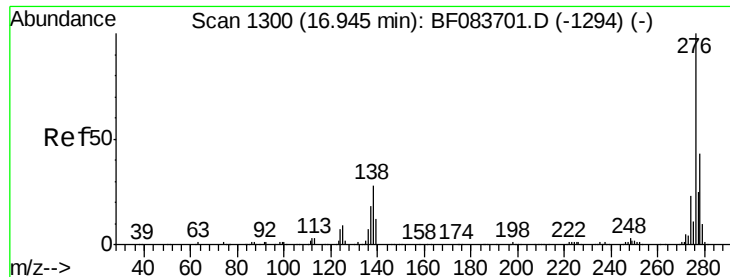
Delta R.T. 0.00 min

Lab File: BF083699.D

Acq: 11 Dec 2015 15:47

Tgt Ion:	149	Resp:	129869
Ion Ratio	Lower	Upper	
149	100		
167	1.5	0.0	0.0#
43	12.4	0.0	0.0#





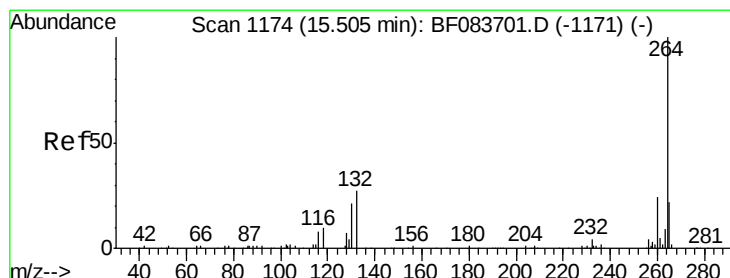
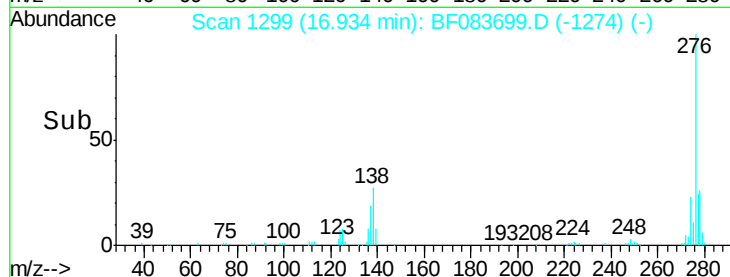
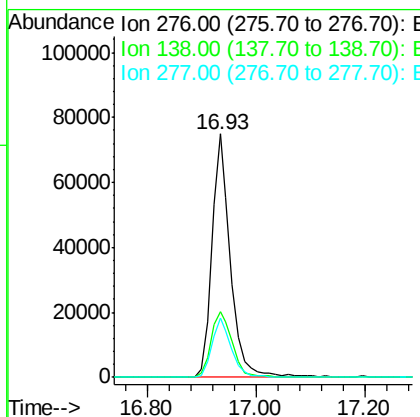
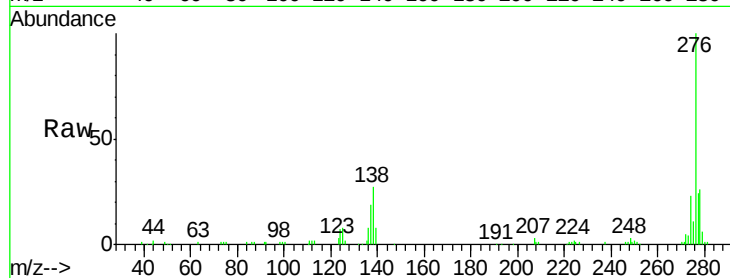
#85
Indeno(1,2,3-cd)pyrene
Concen: 10.00 ng
RT: 16.93 min Scan# 1299
Delta R.T. -0.01 min
Lab File: BF083699.D
Acq: 11 Dec 2015 15:47

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Tot Ion	Ratio	Resp Lower	Upper
276	100		
138	31.2	0.0	0.0#
277	25.3	0.0	0.0#

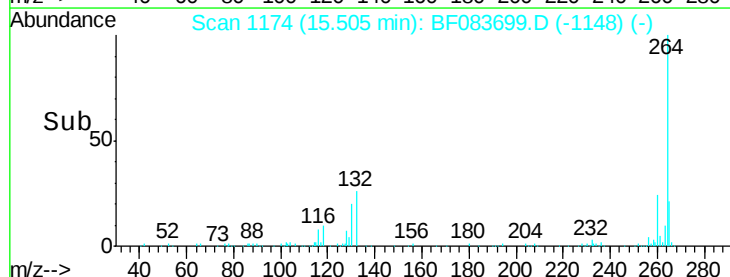
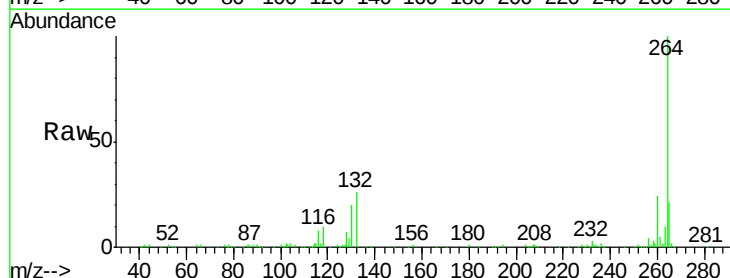
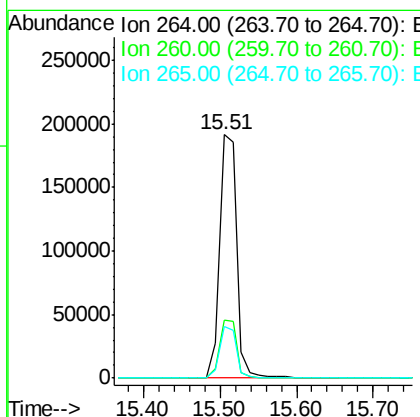
Manual Integrations
APPROVED

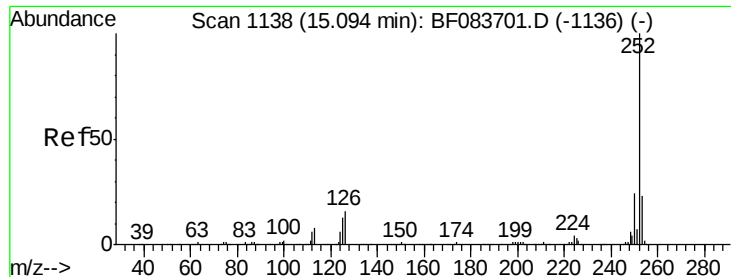
MMdadoda
12/14/2015 6:22:18 PM



#86
Perylene-d12
Concen: 20.00 ng
RT: 15.51 min Scan# 1174
Delta R.T. 0.00 min
Lab File: BF083699.D
Acq: 11 Dec 2015 15:47

Tgt Ion	Ratio	Resp Lower	Upper
264	100		
260	23.9	19.4	29.0
265	21.2	17.8	26.6





#87

Benzo(b)fluoranthene

Concen: 11.66 ng

RT: 15.09 min Scan# 1138

Delta R.T. 0.00 min

Lab File: BF083699.D

Acq: 11 Dec 2015 15:47

Instrument :

BNA_F

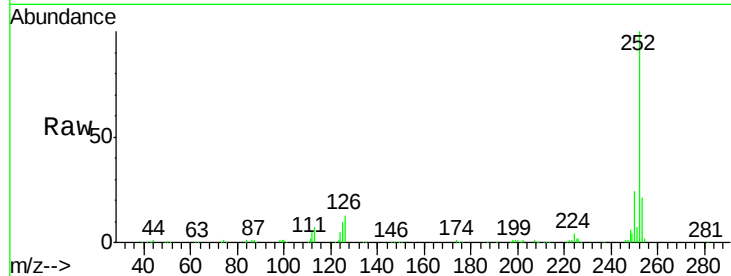
ClientSampleId :

SSTDICC010

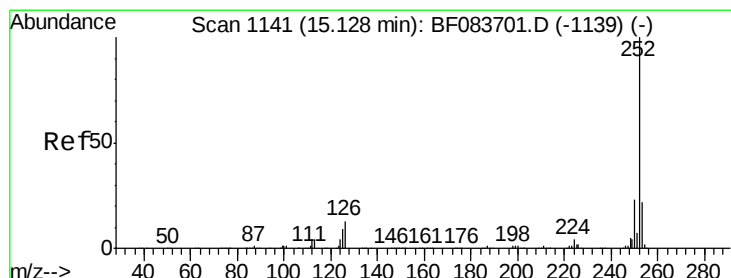
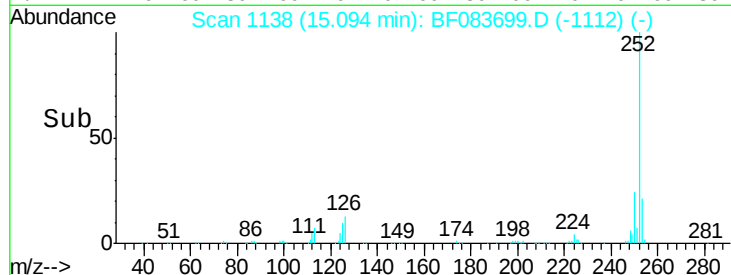
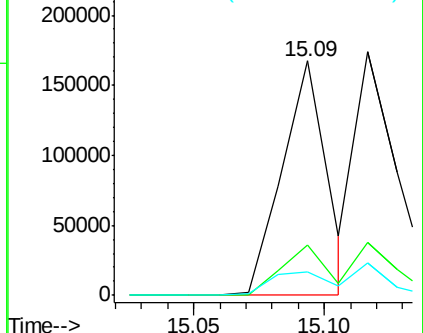
Tot Ion:	252	Resp:	199010
Ion Ratio	Lower	Upper	
252	100		
253	21.4	18.2	27.4
125	10.2	8.2	12.4

Manual Integrations
APPROVED

MMdadoda
12/14/2015 6:22:18 PM



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



#88

Benzo(k)fluoranthene

Concen: 10.16 ng m

RT: 15.12 min Scan# 1140

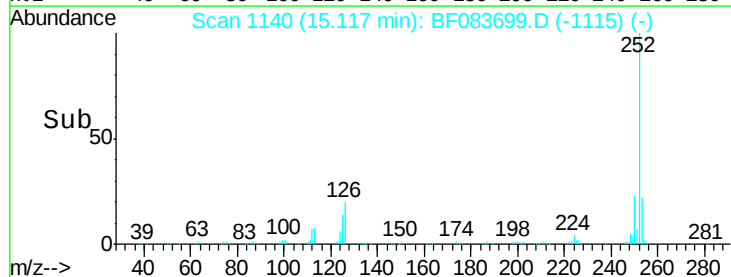
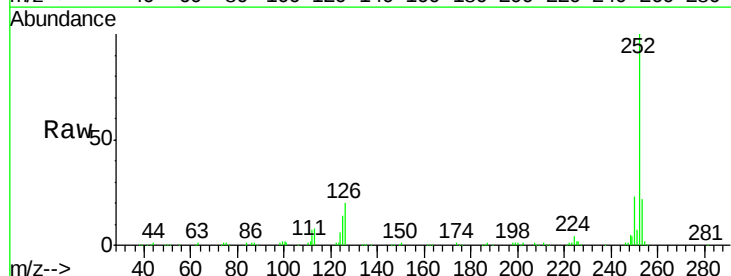
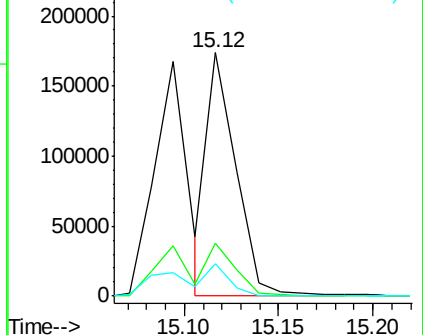
Delta R.T. -0.01 min

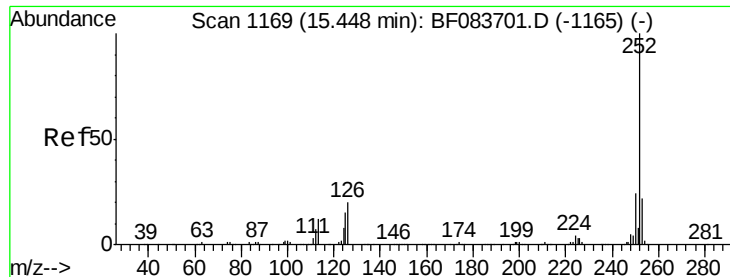
Lab File: BF083699.D

Acq: 11 Dec 2015 15:47

Tgt Ion:	252	Resp:	191047
Ion Ratio	Lower	Upper	
252	100		
253	21.6	18.6	27.8
125	13.5	11.5	17.3

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





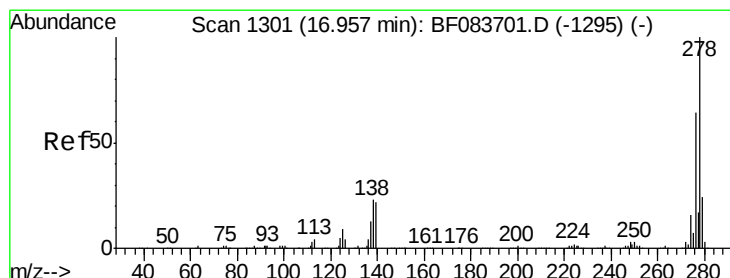
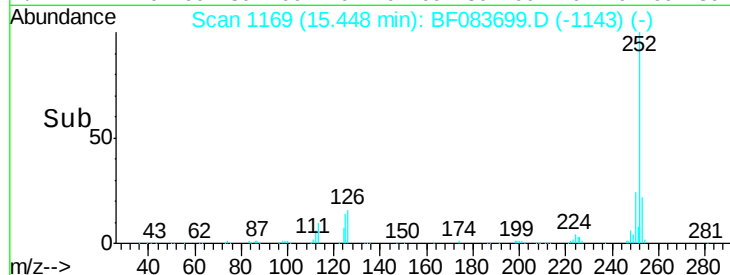
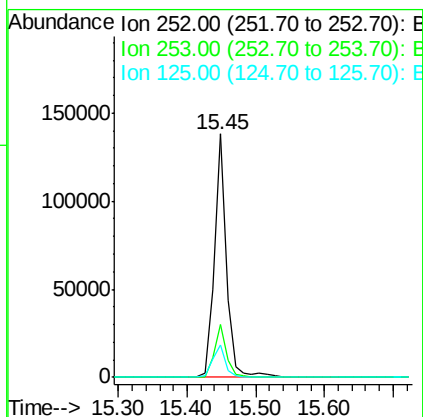
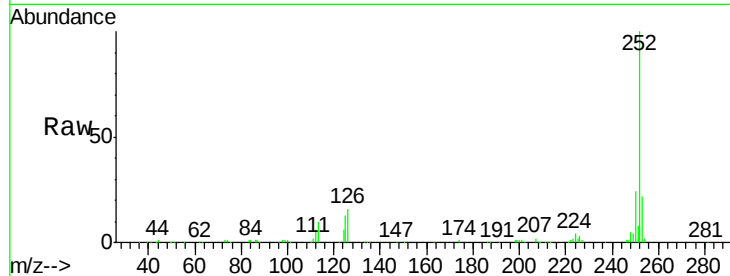
#89
Benzo(a)pyrene
Concen: 10.36 ng
RT: 15.45 min Scan# 1169
Delta R.T. 0.00 min
Lab File: BF083699.D
Acq: 11 Dec 2015 15:47

Instrument :
BNA_F
ClientSampleId :
SSTDIC010

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.5	26.3
125	13.4	11.0	16.6

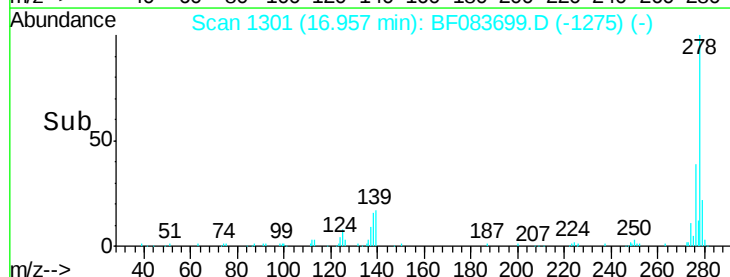
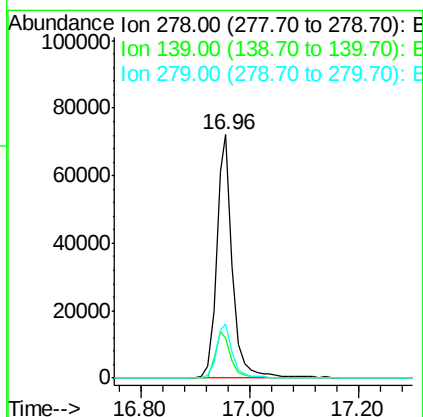
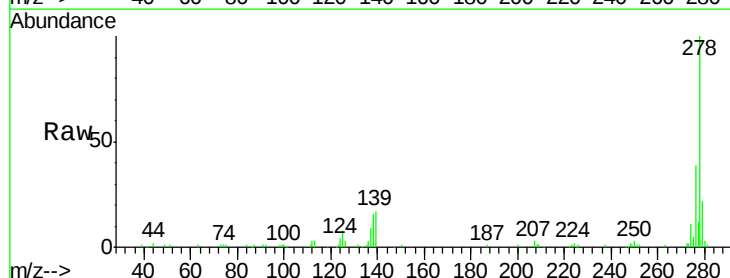
Manual Integrations
APPROVED

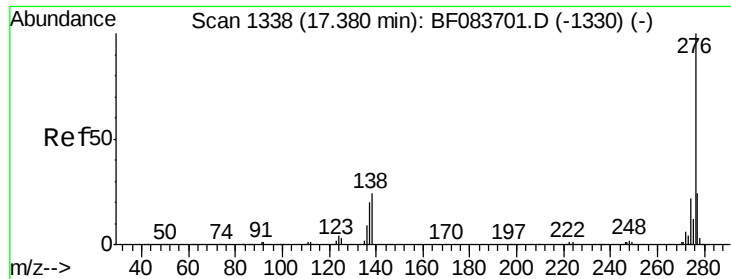
MMdadoda
12/14/2015 6:22:18 PM



#90
Dibenzo(a,h)anthracene
Concen: 11.61 ng
RT: 16.96 min Scan# 1301
Delta R.T. 0.00 min
Lab File: BF083699.D
Acq: 11 Dec 2015 15:47

Tgt Ion	Ratio	Lower	Upper
278	100		
139	16.5	12.8	19.2
279	22.4	18.6	28.0





#91
 Benzo(a,h,i)perylene
 Concen: 12.64 ng
 RT: 17.36 min Scan# 1336
 Delta R.T. -0.02 min
 Lab File: BF083699.D
 Acq: 11 Dec 2015 15:47

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC010

Tot Ion:	276	Resp:	156849
Ion Ratio		Lower	Upper
276	100		
277	23.5	19.2	28.8
138	27.4	19.5	29.3

Manual Integrations
 APPROVED

MMdadoda
 12/14/2015 6:22:18 PM

