

Data Path : Z:\HPCHEM1\BNA F\DATA\BF110715\
 Data File : BF082759.D
 Acq On : 6 Nov 2015 13:56
 Operator : UM/IZ
 Sample : SSTDICC080
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC080

Manual Integrations
 APPROVED

Mmdadoda
 11/9/2015 2:10:11 PM

Quant Time: Nov 07 02:28:36 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110715.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 06 13:33:02 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	155449	20.00	ng	0.00
21) Naphthalene-d8	8.14	136	600255	20.00	ng	0.00
38) Acenaphthene-d10	9.89	164	300581	20.00	ng	0.00
63) Phenanthrene-d10	11.38	188	574180	20.00	ng	0.00
75) Chrysene-d12	14.02	240	494880	20.00	ng	0.00
86) Perylene-d12	15.46	264	404479	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.45	112	1494687	72.22	ng	0.00
7) Phenol-d6	6.50	99	1966098	72.75	ng	0.02
23) Nitrobenzene-d5	7.42	82	2123700	75.16	ng	0.01
41) 2,4,6-Tribromophenol	10.69	330	618418	91.41	ng	0.01
44) 2-Fluorobiphenyl	9.23	172	3493864	82.80	ng	0.01
78) Terphenyl-d14	12.97	244	2833836	64.32	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.44	88	340219	78.19	ng	96
3) Pyridine	3.15	79	1006062	80.01	ng	100
4) n-Nitrosodimethylamine	3.13	42	504084	81.82	ng	88
6) Aniline	6.52	93	1402840	74.03	ng	96
8) 2-Chlorophenol	6.65	128	886576	78.65	ng	96
9) Benzaldehyde	6.40	77	460445	54.63	ng	91
10) Phenol	6.51	94	1112433	72.79	ng	86
11) bis(2-Chloroethyl)ether	6.60	93	924092	80.22	ng	86
12) 1,3-Dichlorobenzene	6.80	146	901548	70.58	ng	94
13) 1,4-Dichlorobenzene	6.88	146	1032128	78.91	ng	94
14) 1,2-Dichlorobenzene	7.04	146	926472	76.20	ng	96
15) Benzyl Alcohol	7.00	79	868341	73.54	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.14	45	1235249	72.75	ng	95
17) 2-Methylphenol	7.12	107	731789	77.12	ng	99
18) Hexachloroethane	7.37	117	345464	72.20	ng	96
19) n-Nitroso-di-n-propylamine	7.29	70	738508	75.39	ng	90
20) 3+4-Methylphenols	7.28	107	825227	66.11	ng	# 89
22) Acetophenone	7.28	105	1256408	71.32	ng	# 88
24) Nitrobenzene	7.45	77	1098151	76.41	ng	91
25) Isophorone	7.69	82	1948305	74.92	ng	99
26) 2-Nitrophenol	7.76	139	415048	68.33	ng	85
27) 2,4-Dimethylphenol	7.80	122	736246	67.52	ng	98
28) bis(2-Chloroethoxy)methane	7.90	93	1119302	75.07	ng	99
29) 2,4-Dichlorophenol	8.01	162	801587	83.27	ng	96
30) 1,2,4-Trichlorobenzene	8.09	180	822502	75.41	ng	98
31) Naphthalene	8.17	128	2374622	69.83	ng	98
32) Benzoic acid	7.97	122	641366	91.13	ng	93
33) 4-Chloroaniline	8.21	127	958722	64.32	ng	95
34) Hexachlorobutadiene	8.29	225	549356	81.04	ng	98
35) Caprolactam	8.61	113	251568m	82.95	ng	
36) 4-Chloro-3-methylphenol	8.70	107	818048	70.79	ng	92
37) 2-Methylnaphthalene	8.85	142	1616625	72.27	ng	98
39) 1,2,4,5-Tetrachlorobenzene	9.02	216	705178	69.87	ng	97
40) Hexachlorocyclopentadiene	9.01	237	475987	92.96	ng	99

Data Path : Z:\HPCHEM1\BNA F\DATA\BF110715\
 Data File : BF082759.D
 Acq On : 6 Nov 2015 13:56
 Operator : UM/IZ
 Sample : SSTDICC080
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC080

Manual Integrations
 APPROVED

Mmdadoda
 11/9/2015 2:10:11 PM

Quant Time: Nov 07 02:28:36 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110715.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 06 13:33:02 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.14	196	619525	85.30	nq	100
43) 2,4,5-Trichlorophenol	9.17	196	575468m	79.36	nq	
45) 1,1'-Biphenyl	9.32	154	1744407	65.08	nq	96
46) 2-Chloronaphthalene	9.34	162	1455667	70.63	nq	95
47) 2-Nitroaniline	9.44	65	534310	70.59	nq	# 88
48) Acenaphthylene	9.77	152	2615668	82.34	nq	99
49) Dimethylphthalate	9.63	163	1868839	75.08	nq	100
50) 2,6-Dinitrotoluene	9.69	165	399231	76.97	nq	99
51) Acenaphthene	9.94	154	1757622	88.71	nq	99
52) 3-Nitroaniline	9.86	138	498937	86.02	nq	# 80
54) Dibenzofuran	10.11	168	2265019	83.89	nq	90
55) 4-Nitrophenol	10.02	139	386303	87.32	nq	90
56) 2,4-Dinitrotoluene	10.09	165	533132	74.80	nq	# 95
57) Fluorene	10.45	166	1827083	83.09	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.22	232	486908	83.29	nq	95
59) Diethylphthalate	10.33	149	1753165	71.98	nq	99
60) 4-Chlorophenyl-phenylether	10.44	204	859649	79.13	nq	93
61) 4-Nitroaniline	10.48	138	434731	72.86	nq	88
62) Azobenzene	10.60	77	2109064	83.25	nq	94
64) 4,6-Dinitro-2-methylphenol	10.50	198	308874	77.14	nq	# 54
65) n-Nitrosodiphenylamine	10.57	169	1654249	77.21	nq	99
66) 4-Bromophenyl-phenylether	10.93	248	578804	82.79	nq	# 93
67) Hexachlorobenzene	11.00	284	645338	83.54	nq	# 65
68) Atrazine	11.09	200	502855	76.91	nq	95
69) Pentachlorophenol	11.18	266	376408	81.16	nq	99
70) Phenanthrene	11.40	178	2414174	69.00	nq	99
71) Anthracene	11.46	178	2472665	68.39	nq	98
72) Carbazole	11.61	167	1949528	59.68	nq	99
73) Di-n-butylphthalate	11.95	149	2929784	75.47	nq	98
74) Fluoranthene	12.59	202	2368002	63.06	nq	97
76) Benzidine	12.70	184	1086241	61.73	nq	# 94
77) Pyrene	12.82	202	2367720	67.29	nq	98
79) Butylbenzylphthalate	13.45	149	1351226	91.08	nq	# 74
80) Benzo(a)anthracene	14.01	228	2300052	71.82	nq	99
81) 3,3'-Dichlorobenzidine	13.97	252	740923	65.35	nq	99
82) Chrysene	14.05	228	2311706	79.56	nq	98
83) Bis(2-ethylhexyl)phthalate	14.01	149	1559489	74.46	nq	99
84) Di-n-octyl phthalate	14.64	149	2714408	77.71	nq	98
85) Indeno(1,2,3-cd)pyrene	16.87	276	1908511	76.97	nq	99
87) Benzo(b)fluoranthene	15.06	252	2191412	85.55	nq	99
88) Benzo(k)fluoranthene	15.08	252	1699271m	71.35	nq	
89) Benzo(a)pyrene	15.40	252	1763754	77.72	nq	# 97
90) Dibenzo(a,h)anthracene	16.89	278	1549640	81.77	nq	99
91) Benzo(g,h,i)perylene	17.29	276	1508913	83.20	nq	98

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

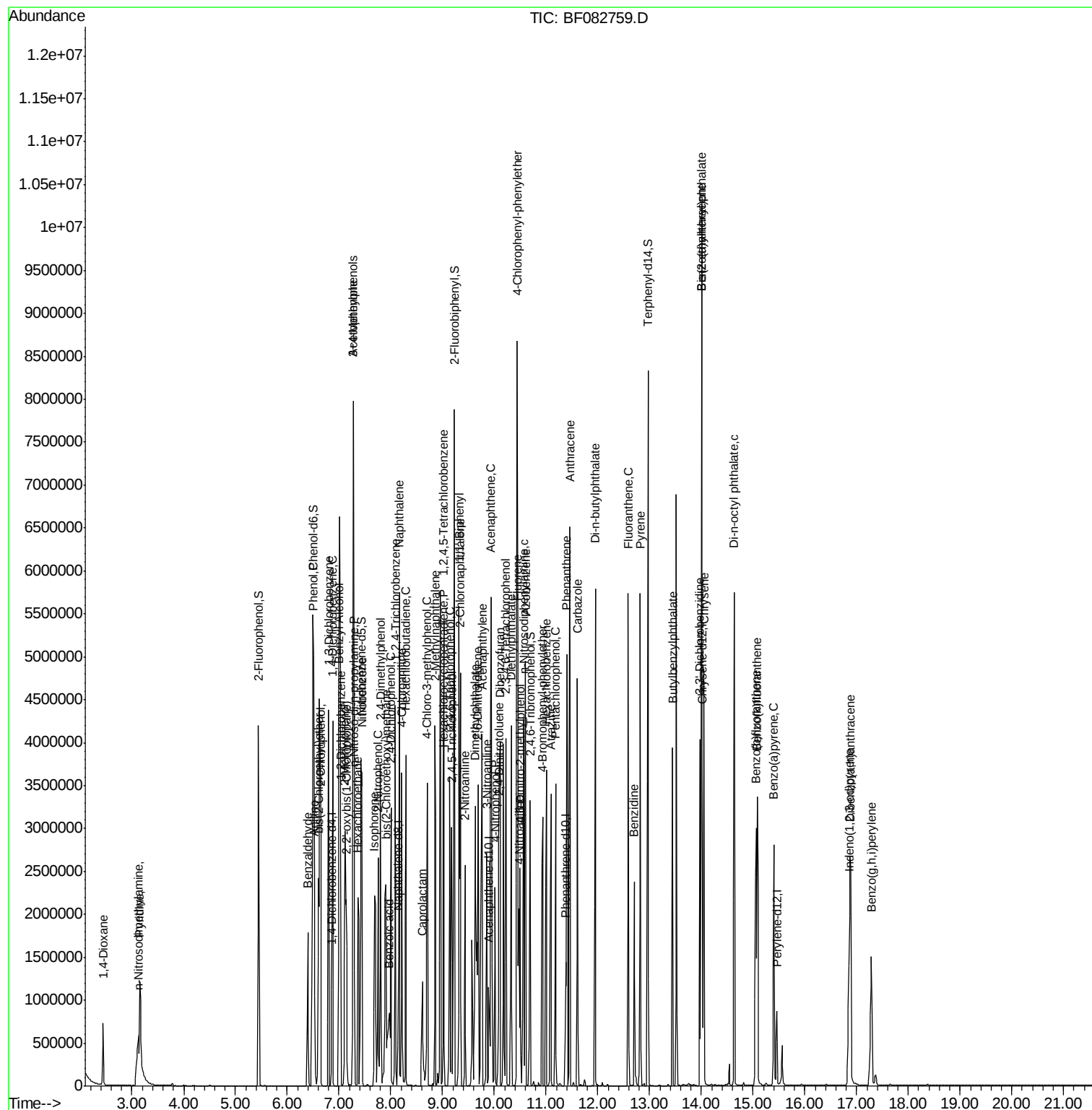
Data Path : Z:\HPCHEM1\BNA F\DATA\BF110715\
Data File : BF082759.D
Acq On : 6 Nov 2015 13:56
Operator : UM/IZ
Sample : SSTDICC080
Misc :
ALS Vial : 9 Sample Multiplier: 1

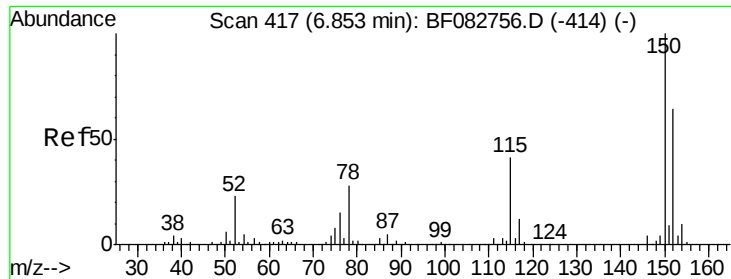
Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Manual Integrations
APPROVED

Mmdadoda
11/9/2015 2:10:11 PM

Quant Time: Nov 07 02:28:36 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 06 13:33:02 2015
Response via : Initial Calibration





#1

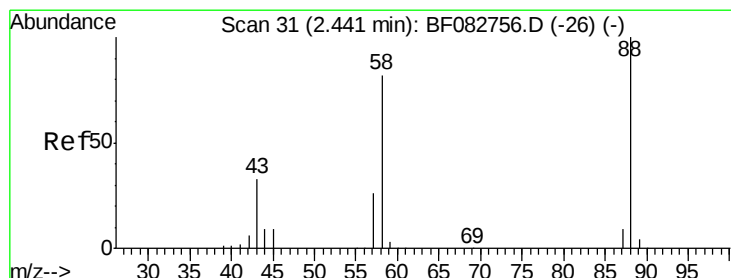
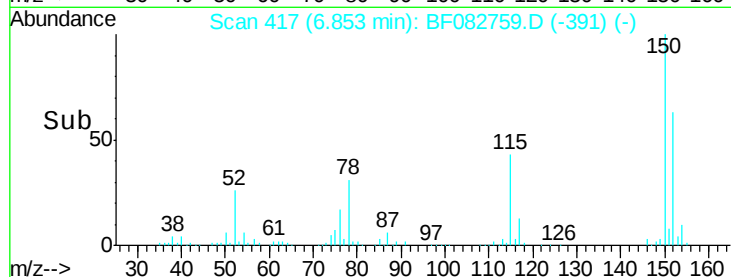
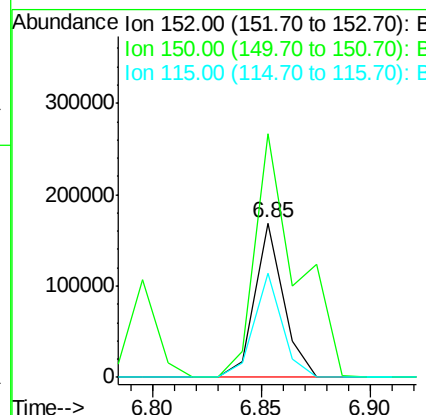
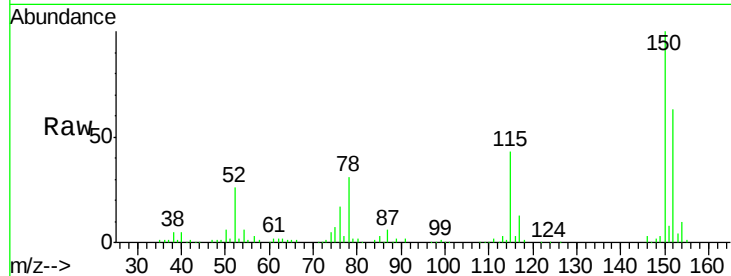
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.85 min Scan# 417
Delta R.T. 0.00 min
Lab File: BF082759.D
Acq: 6 Nov 2015 13:56

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.9	127.0	190.4
115	67.9	47.0	70.6

Manual Integrations
APPROVED

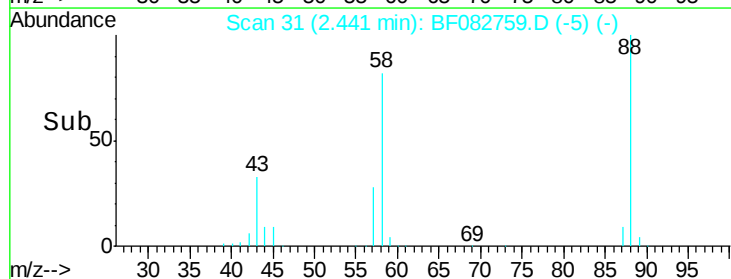
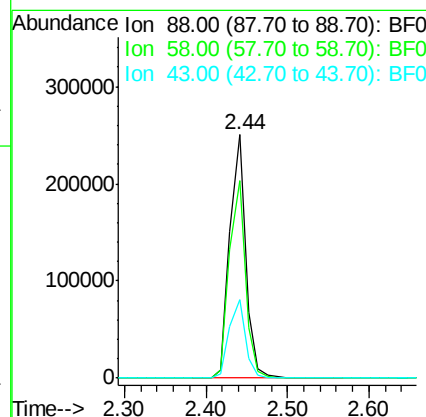
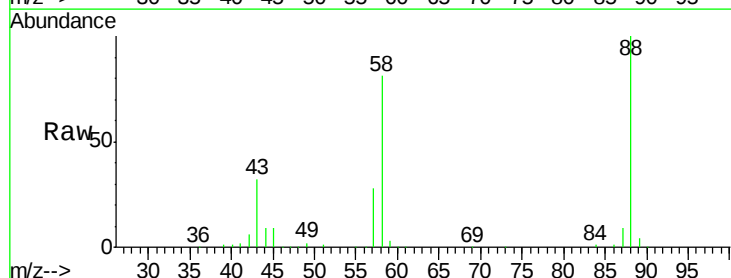
Mmdadoda
11/9/2015 2:10:11 PM

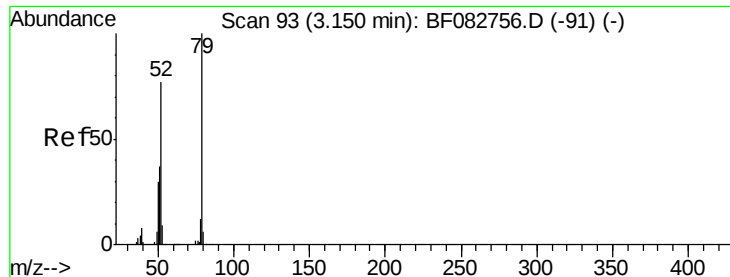


#2

1,4-Dioxane
Concen: 78.19 ng
RT: 2.44 min Scan# 31
Delta R.T. 0.00 min
Lab File: BF082759.D
Acq: 6 Nov 2015 13:56

Tgt Ion	Ratio	Lower	Upper
88	100		
58	81.8	62.0	93.0
43	32.6	26.6	40.0





#3

Pvridine

Concen: 80.01 ng

RT: 3.15 min Scan# 93

Delta R.T. -0.01 min

Lab File: BF082759.D

Acq: 6 Nov 2015 13:56

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

Tot Ion: 79 Resp: 1006062

Ion Ratio Lower Upper

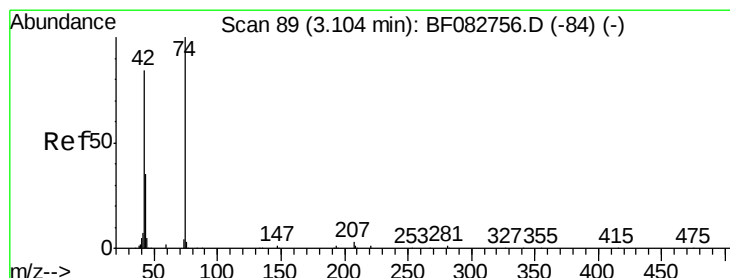
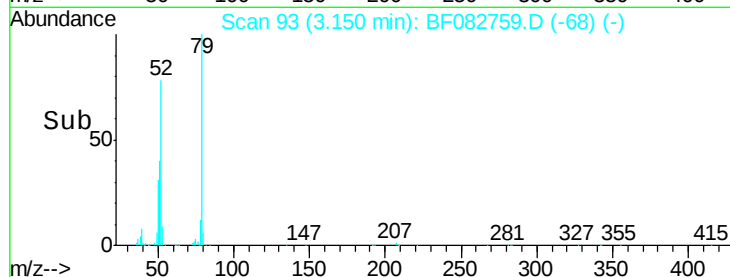
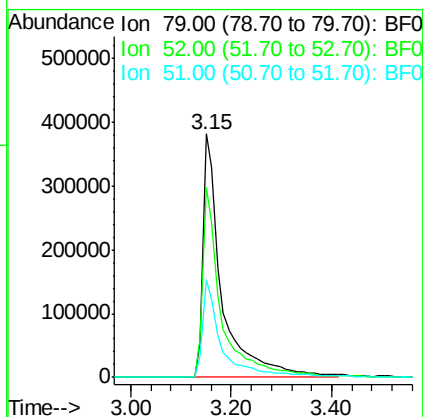
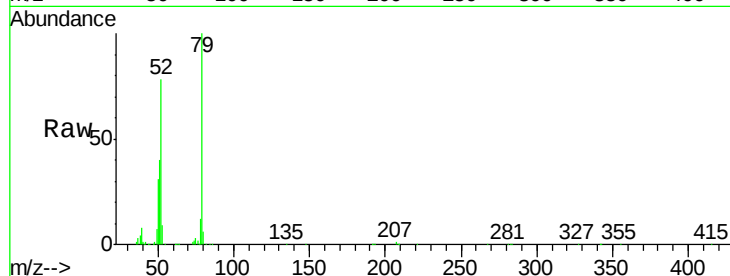
79 100

52 78.1 62.8 94.2

51 39.9 32.0 48.0

Manual Integrations
APPROVED

Mmdadoda
11/9/2015 2:10:11 PM



#4

n-Nitrosodimethylamine

Concen: 81.82 ng

RT: 3.13 min Scan# 91

Delta R.T. 0.03 min

Lab File: BF082759.D

Acq: 6 Nov 2015 13:56

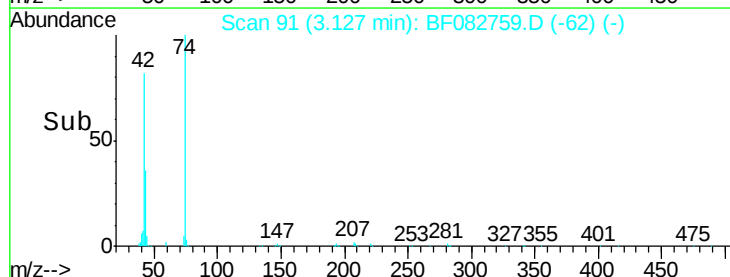
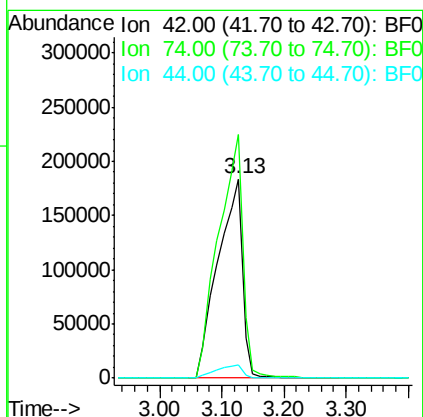
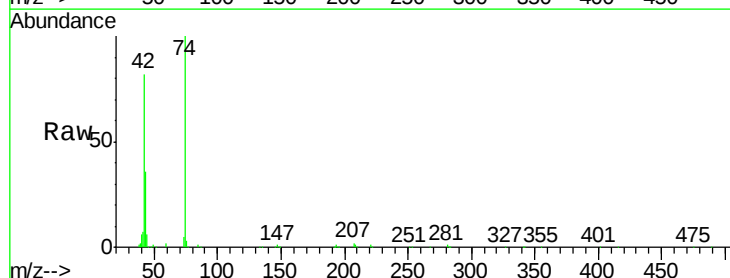
Tgt Ion: 42 Resp: 504084

Ion Ratio Lower Upper

42 100

74 122.2 87.0 130.4

44 6.7 5.8 8.8





#5

2-Fluorophenol

Concen: 72.22 ng

RT: 5.45 min Scan# 294

Delta R.T. 0.00 min

Lab File: BF082759.D

Acq: 6 Nov 2015 13:56

Instrument :

BNA_F

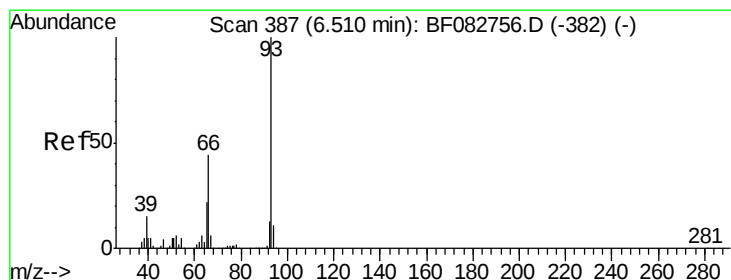
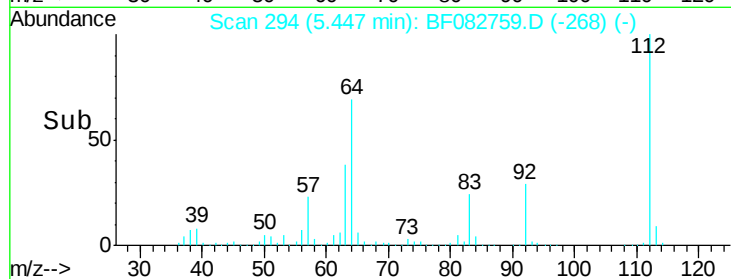
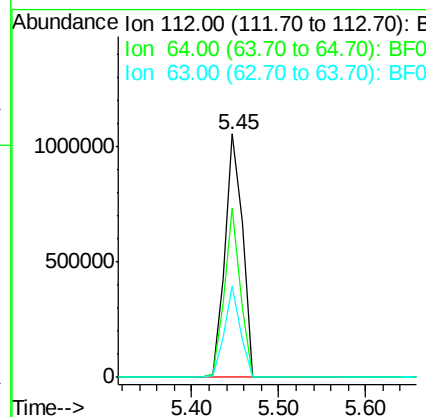
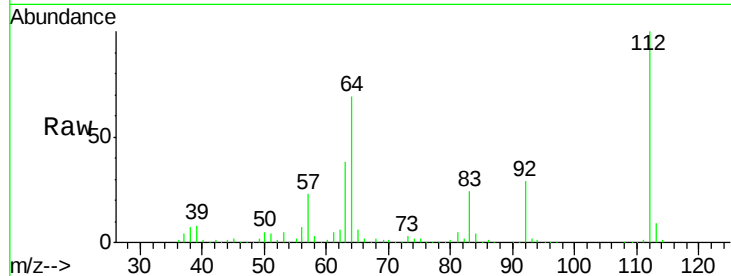
ClientSampleId :

SSTDICC080

Tot Ion:	112	Resp:	1494687
Ion Ratio	Lower	Upper	
112	100		
64	69.4	48.9	73.3
63	37.6	28.1	42.1

Manual Integrations
APPROVED

Mmdadoda
11/9/2015 2:10:11 PM



#6

Aniline

Concen: 74.03 ng

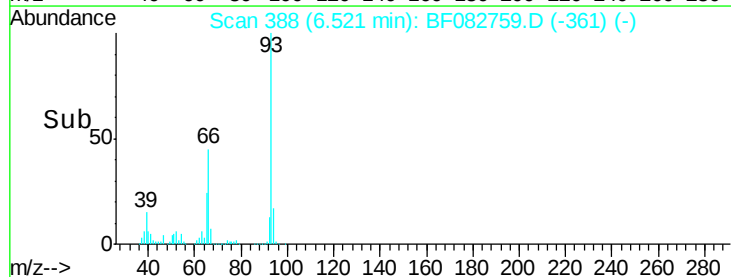
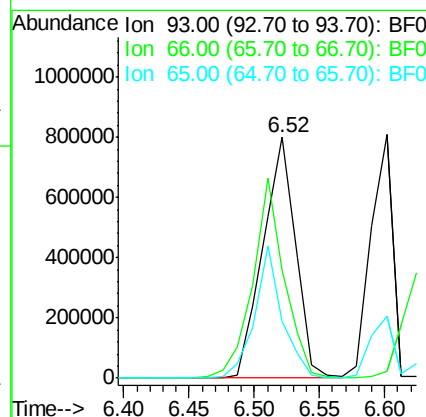
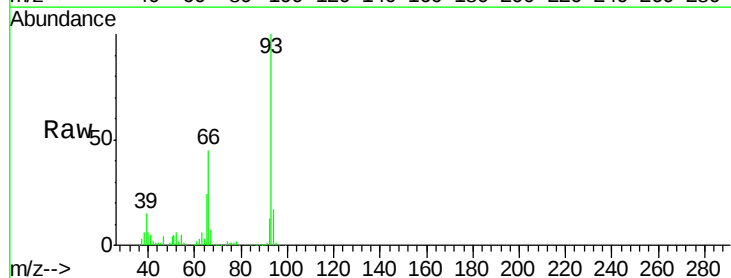
RT: 6.52 min Scan# 388

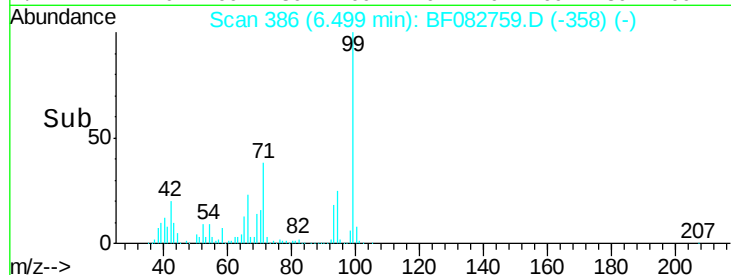
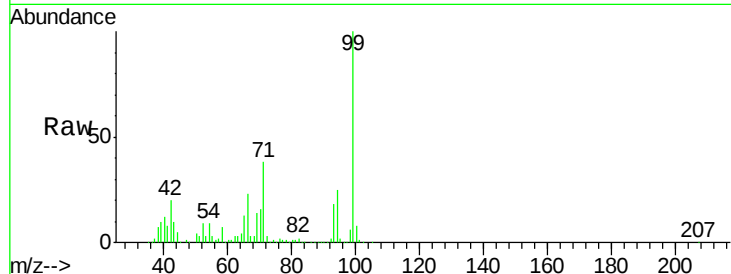
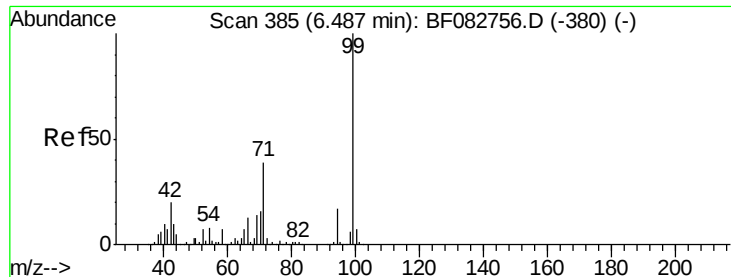
Delta R.T. 0.01 min

Lab File: BF082759.D

Acq: 6 Nov 2015 13:56

Tgt Ion:	93	Resp:	1402840
Ion Ratio	Lower	Upper	
93	100		
66	44.7	33.6	50.4
65	23.7	18.1	27.1





#7

Phenol-d6

Concen: 72.75 ng

RT: 6.50 min Scan# 386

Delta R.T. 0.02 min

Lab File: BF082759.D

Acq: 6 Nov 2015 13:56

Tot Ion: 99 Resp: 1966098

Ion Ratio Lower Upper

99 100

42 20.4 19.2 28.8

71 38.5 35.0 52.4

Instrument :

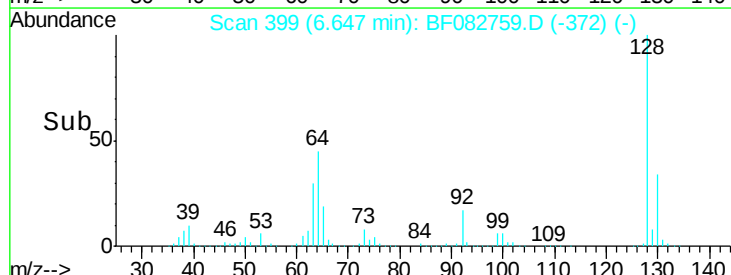
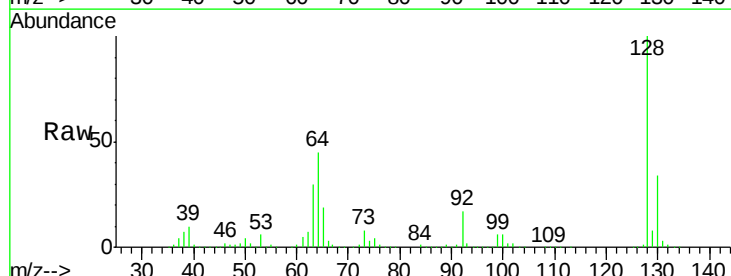
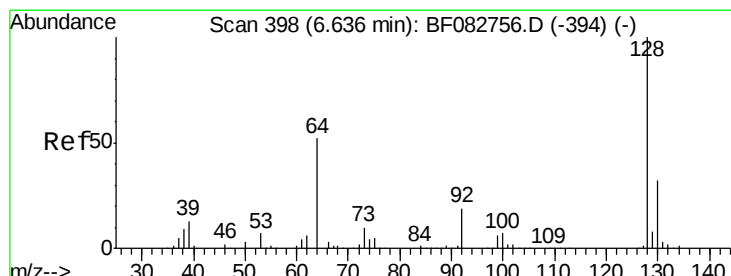
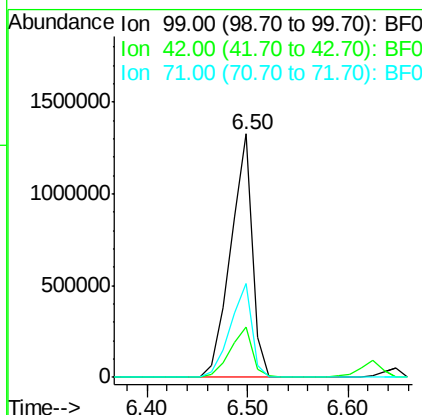
BNA_F

ClientSampleId :

SSTDIC080

Manual Integrations
APPROVED

Mmdadoda
11/9/2015 2:10:11 PM



#8

2-Chlorophenol

Concen: 78.65 ng

RT: 6.65 min Scan# 399

Delta R.T. 0.01 min

Lab File: BF082759.D

Acq: 6 Nov 2015 13:56

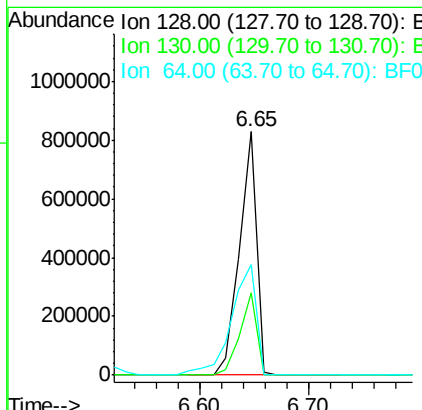
Tgt Ion: 128 Resp: 886576

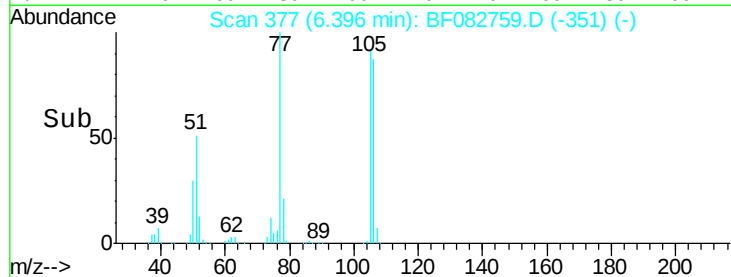
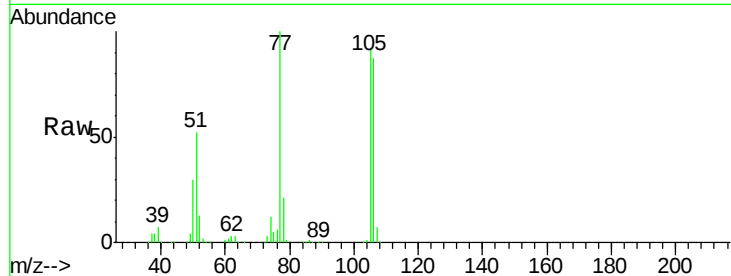
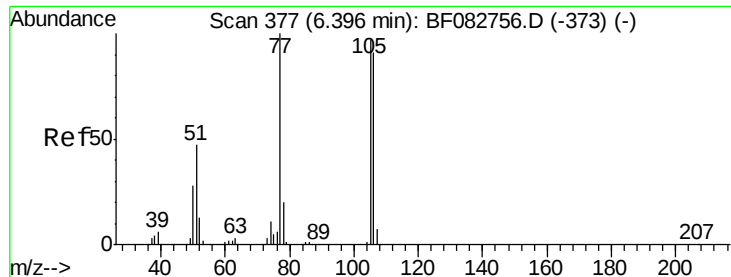
Ion Ratio Lower Upper

128 100

130 34.1 13.5 53.5

64 45.1 21.1 61.1





#9

Benzaldehyde

Concen: 54.63 ng

RT: 6.40 min Scan# 377

Delta R.T. 0.00 min

Lab File: BF082759.D

Acq: 6 Nov 2015 13:56

Tot Ion:	77	Resp:	460445
Ion Ratio	Lower	Upper	
77	100		
105	91.8	63.5	103.5
106	86.6	59.3	99.3

Instrument :

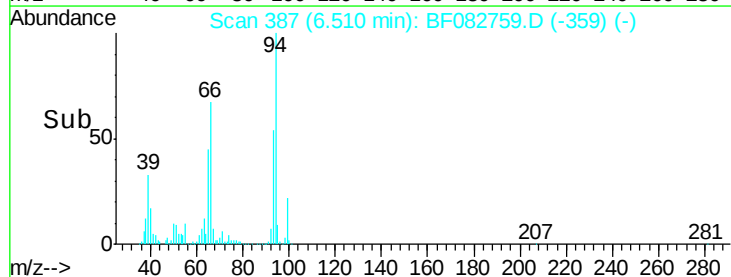
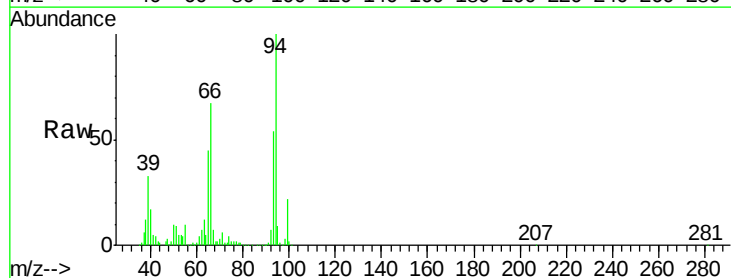
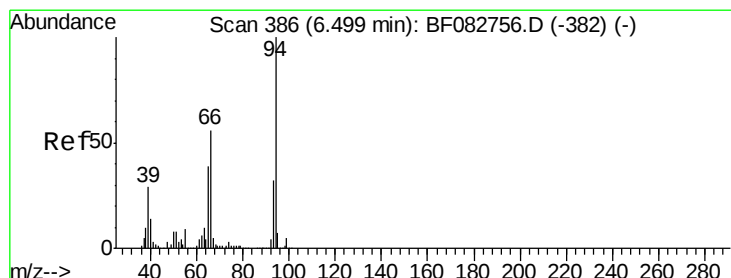
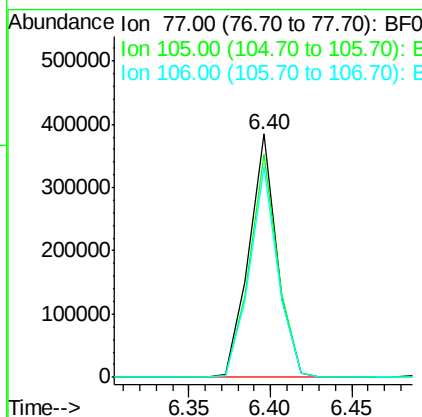
BNA_F

ClientSampleId :

SSTDICC080

Manual Integrations
APPROVED

Mmdadoda
11/9/2015 2:10:11 PM



#10

Phenol

Concen: 72.79 ng

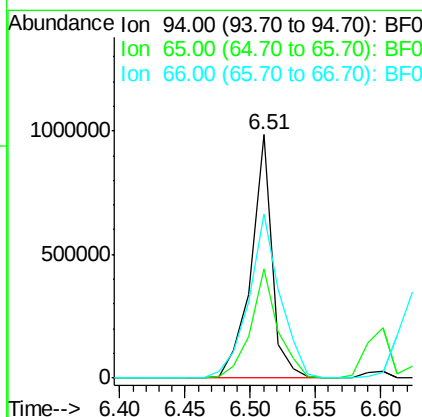
RT: 6.51 min Scan# 387

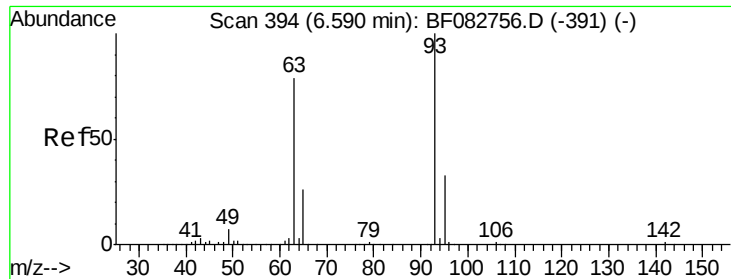
Delta R.T. 0.02 min

Lab File: BF082759.D

Acq: 6 Nov 2015 13:56

Tgt Ion:	94	Resp:	1112433
Ion Ratio	Lower	Upper	
94	100		
65	44.8	18.9	58.9
66	67.5	34.9	74.9





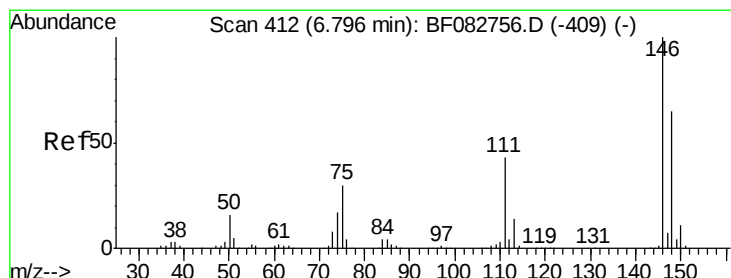
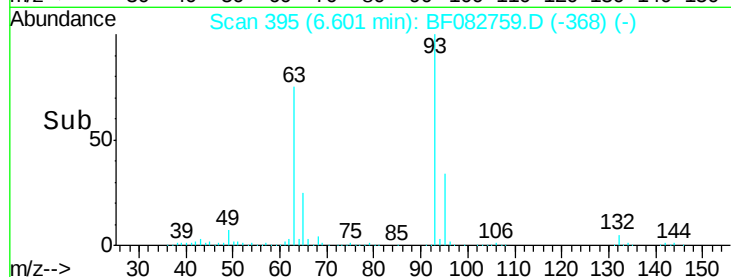
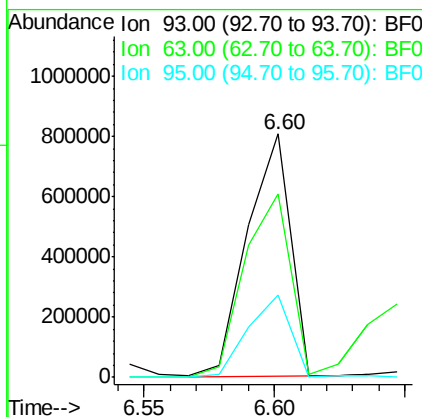
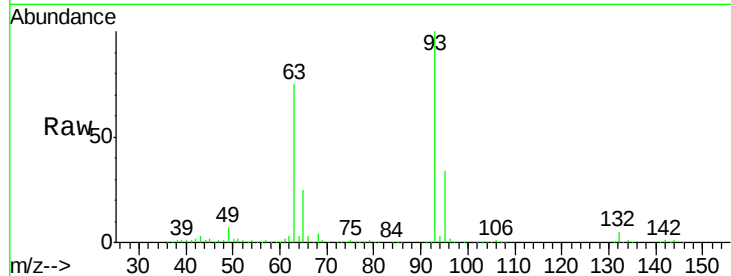
#11
bis(2-Chloroethyl)ether
Concen: 80.22 ng
RT: 6.60 min Scan# 395
Delta R.T. 0.01 min
Lab File: BF082759.D
Acq: 6 Nov 2015 13:56

Instrument :
BNA_F
ClientSampleId :
SSTDIC080

Tot Ion	Ratio	Lower	Upper
93	100		
63	75.2	72.7	112.7
95	33.9	12.0	52.0

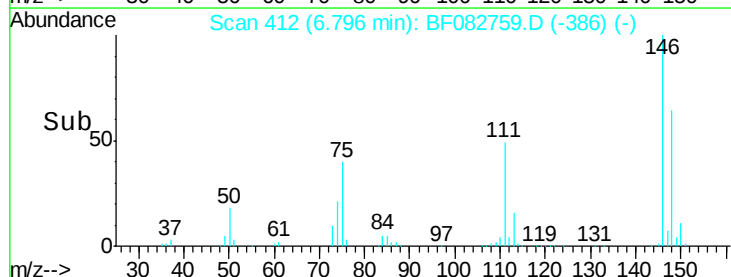
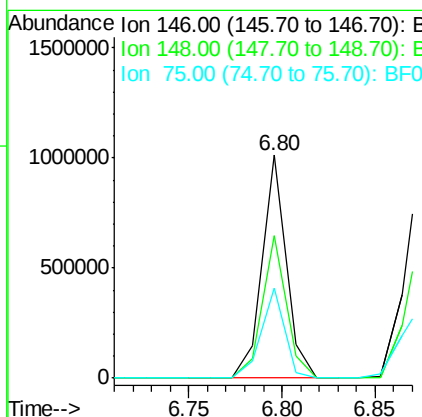
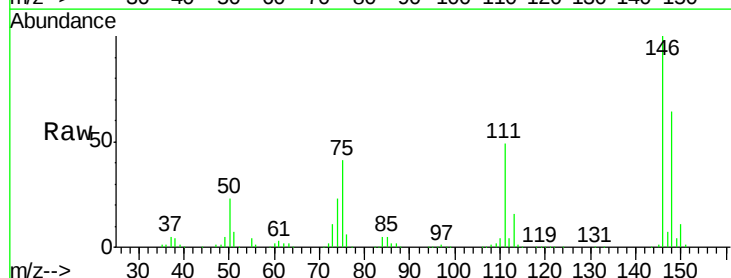
Manual Integrations
APPROVED

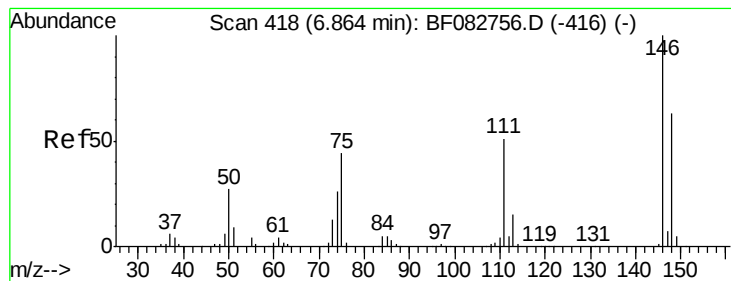
Mmdadoda
11/9/2015 2:10:11 PM



#12
1,3-Dichlorobenzene
Concen: 70.58 ng
RT: 6.80 min Scan# 412
Delta R.T. 0.00 min
Lab File: BF082759.D
Acq: 6 Nov 2015 13:56

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.0	50.5	75.7
75	40.5	39.5	59.3





#13

1,4-Dichlorobenzene

Concen: 78.91 ng

RT: 6.88 min Scan# 419

Delta R.T. 0.01 min

Lab File: BF082759.D

Acq: 6 Nov 2015 13:56

Instrument :

BNA_F

ClientSampleId :

SSTDIC080

Tot Ion:146 Resp: 1032128

Ion Ratio Lower Upper

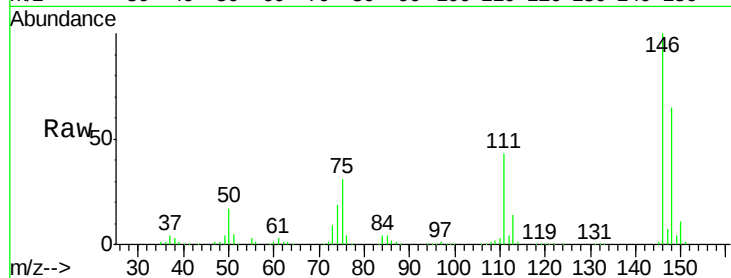
146 100

148 65.0 50.8 76.2

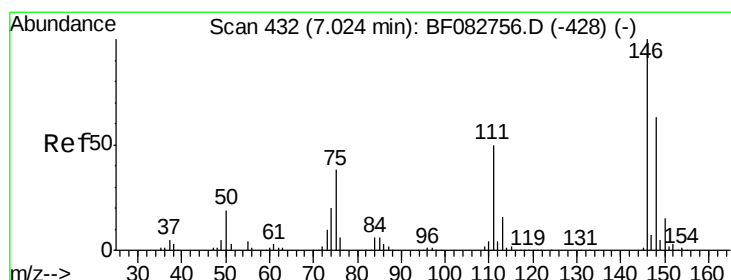
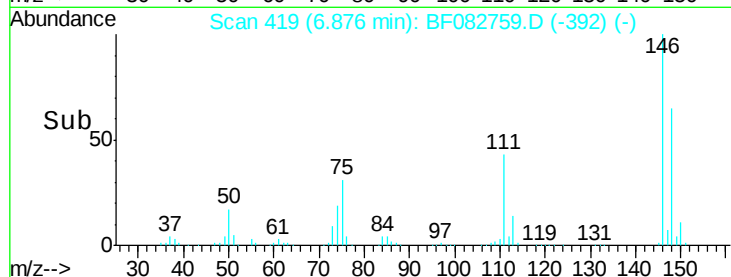
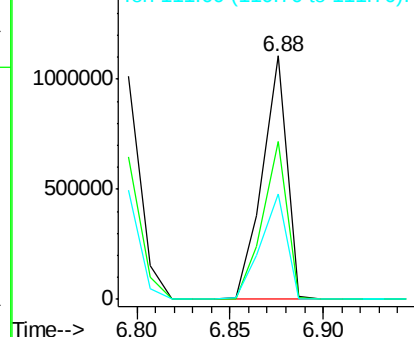
111 43.4 40.6 60.8

Manual Integrations
APPROVED

Mmdadoda
11/9/2015 2:10:11 PM



Abundance Ion 146.00 (145.70 to 146.70): E
1500000
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 76.20 ng

RT: 7.04 min Scan# 433

Delta R.T. 0.01 min

Lab File: BF082759.D

Acq: 6 Nov 2015 13:56

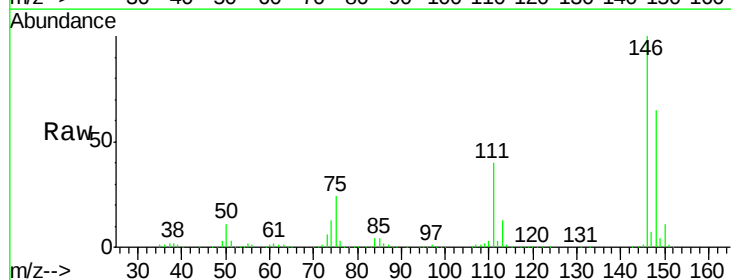
Tgt Ion:146 Resp: 926472

Ion Ratio Lower Upper

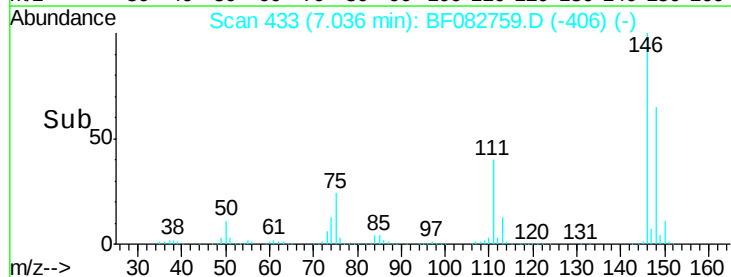
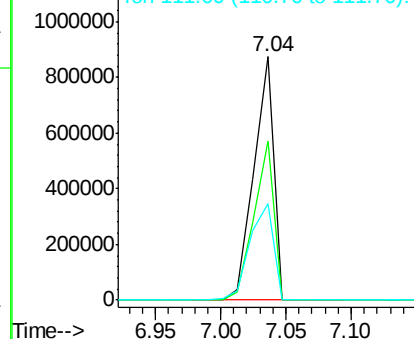
146 100

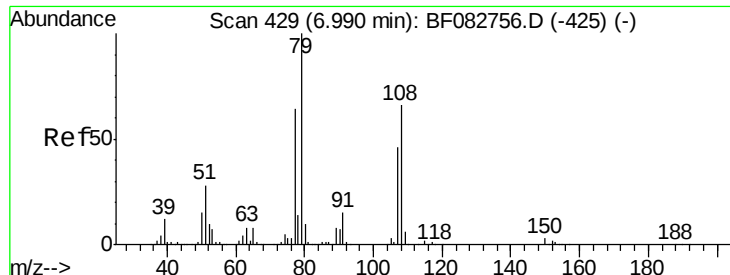
148 65.3 52.2 78.4

111 39.7 36.6 55.0



Abundance Ion 146.00 (145.70 to 146.70): E
1200000
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 73.54 ng

RT: 7.00 min Scan# 430

Delta R.T. 0.01 min

Lab File: BF082759.D

Acq: 6 Nov 2015 13:56

Instrument :

BNA_F

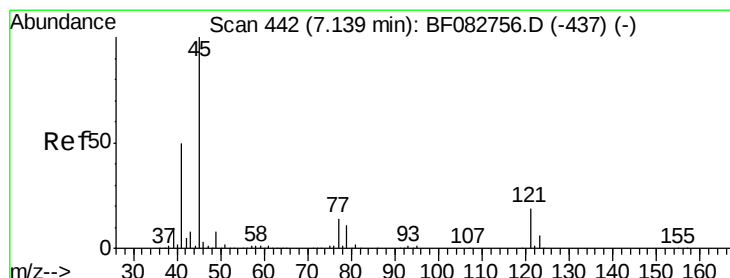
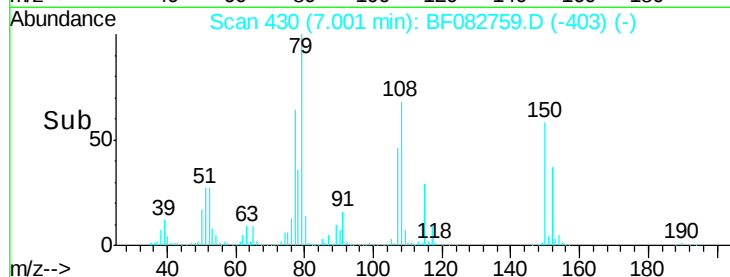
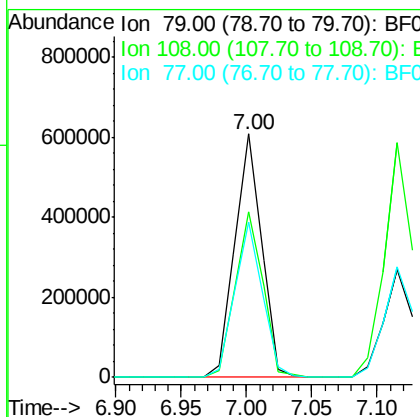
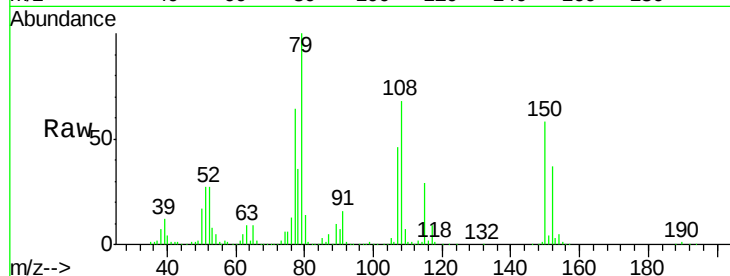
ClientSampleId :

SSTDIC080

Tot Ion:	79	Resp:	868341
Ion Ratio	Lower	Upper	
79	100		
108	68.2	52.2	78.4
77	64.0	52.7	79.1

Manual Integrations
APPROVED

Mmdadoda
11/9/2015 2:10:11 PM



#16

2,2'-oxybis(1-chloropropane)

Concen: 72.75 ng

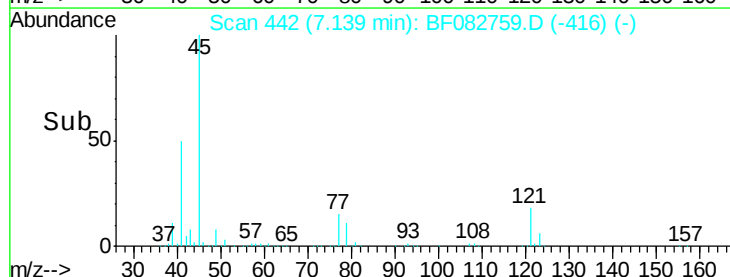
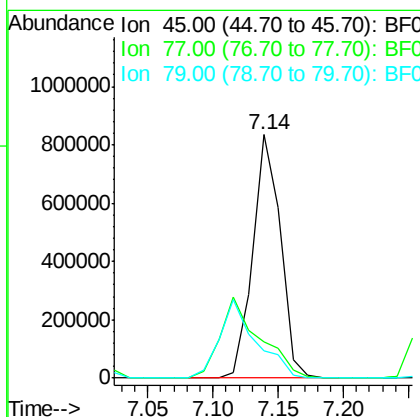
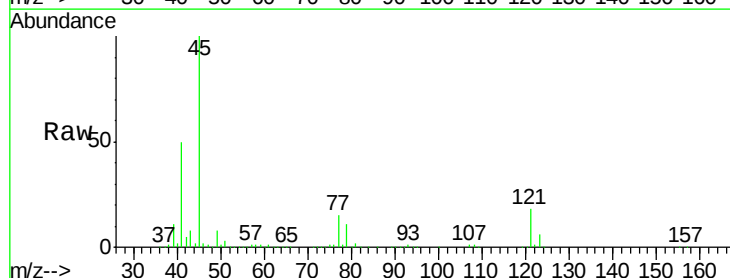
RT: 7.14 min Scan# 442

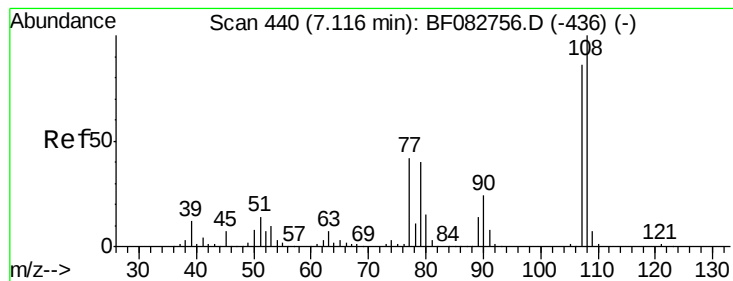
Delta R.T. 0.00 min

Lab File: BF082759.D

Acq: 6 Nov 2015 13:56

Tgt Ion:	45	Resp:	1235249
Ion Ratio	Lower	Upper	
45	100		
77	14.7	0.0	32.6
79	11.0	0.0	29.2





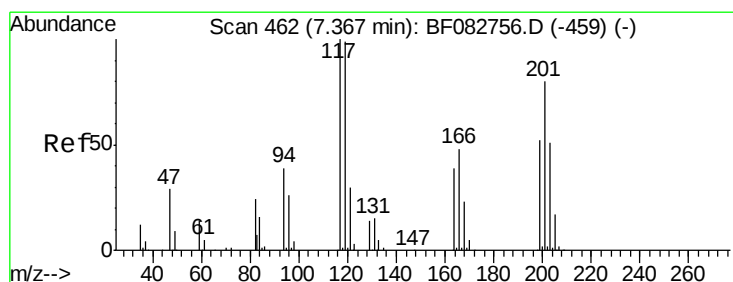
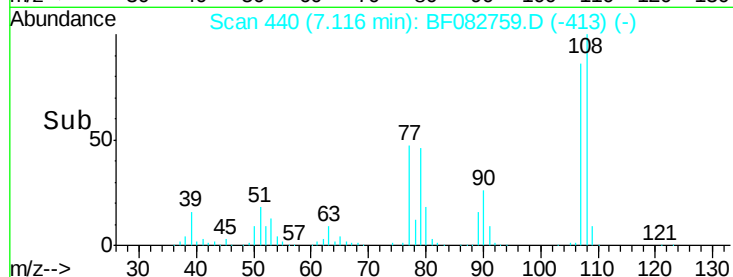
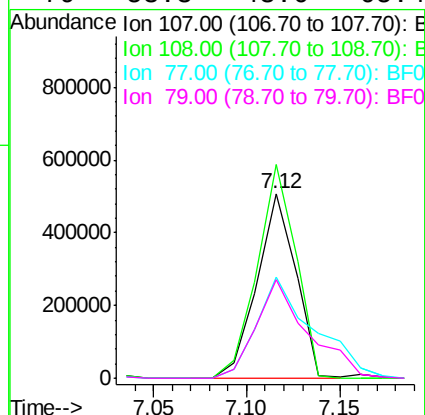
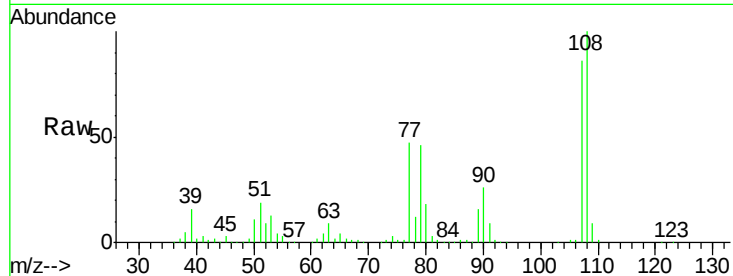
#17
2-Methylphenol
Concen: 77.12 ng
RT: 7.12 min Scan# 440
Delta R.T. 0.01 min
Lab File: BF082759.D
Acq: 6 Nov 2015 13:56

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	115.8	93.0	139.4	
77	54.5	44.1	66.1	
79	53.3	43.6	65.4	

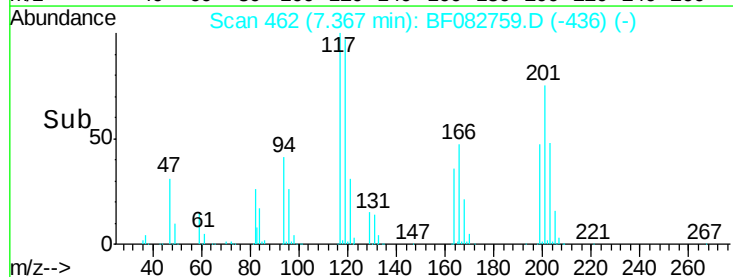
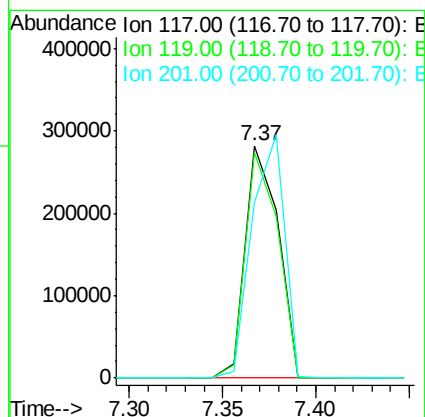
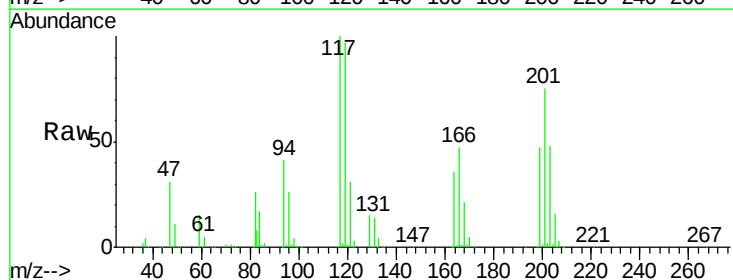
Manual Integrations
APPROVED

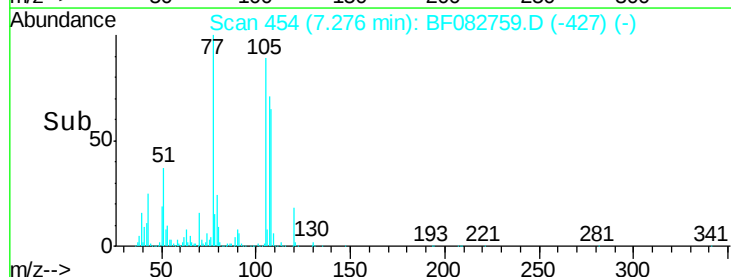
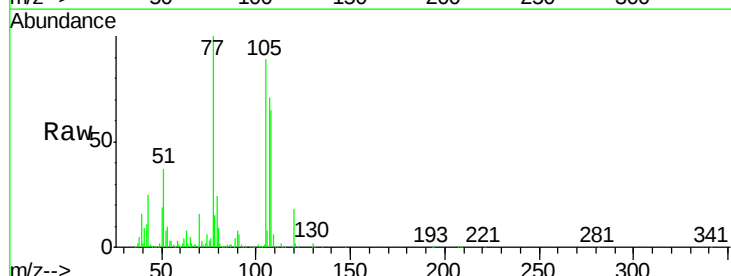
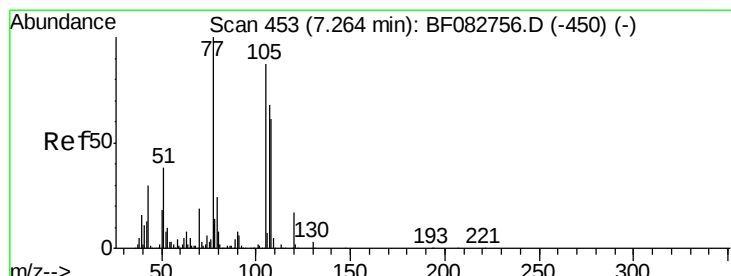
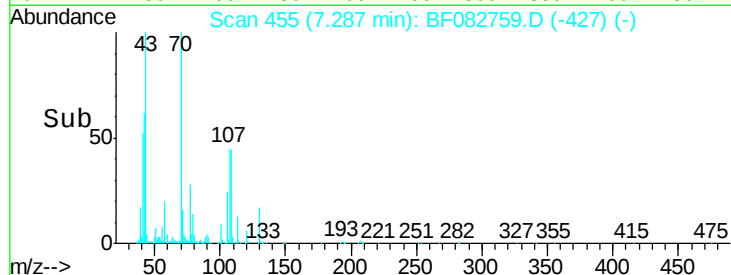
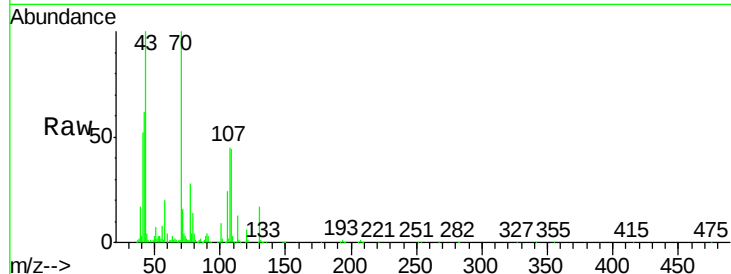
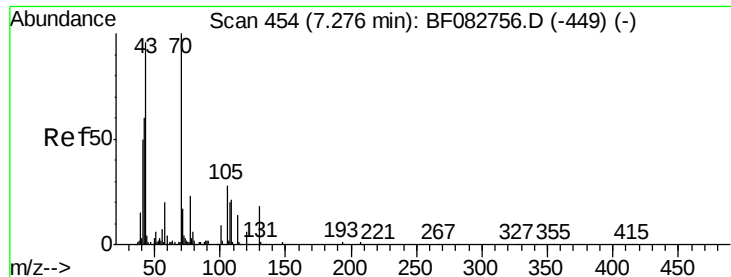
Mmdadoda
11/9/2015 2:10:11 PM



#18
Hexachloroethane
Concen: 72.20 ng
RT: 7.37 min Scan# 462
Delta R.T. 0.00 min
Lab File: BF082759.D
Acq: 6 Nov 2015 13:56

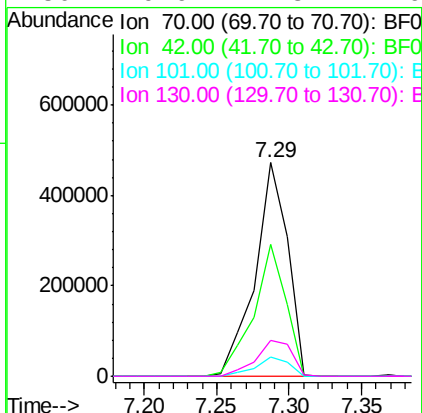
Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	97.3	77.7	116.5	
201	75.4	66.7	100.1	





#19
n-Nitroso-di-n-propylamine
Concen: 75.39 ng
RT: 7.29 min Scan# 455
Delta R.T. 0.02 min
Lab File: BF082759.D
Acq: 6 Nov 2015 13:56

Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100		738508		
42	61.8	57.7	86.5		
101	9.1	7.0	10.6		
130	16.6	11.8	17.6		



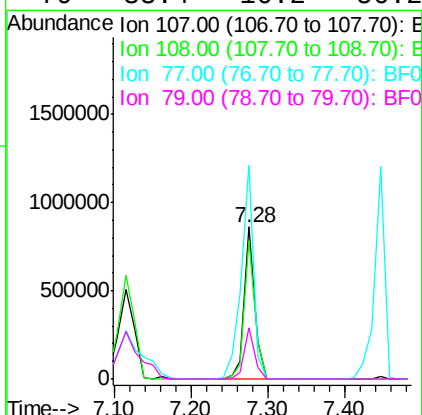
Instrument :
BNA_F
ClientSampleId :
SSTDIC080

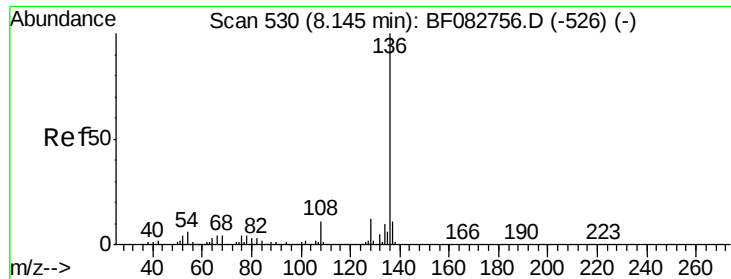
Manual Integrations
APPROVED

Mmdadoda
11/9/2015 2:10:11 PM

#20
3+4-Methylphenols
Concen: 66.11 ng
RT: 7.28 min Scan# 454
Delta R.T. 0.01 min
Lab File: BF082759.D
Acq: 6 Nov 2015 13:56

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100		825227		
108	90.9	67.3	107.3		
77	140.7	100.3	140.3#		
79	33.4	16.2	56.2		





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.14 min Scan# 530

Delta R.T. 0.00 min

Lab File: BF082759.D

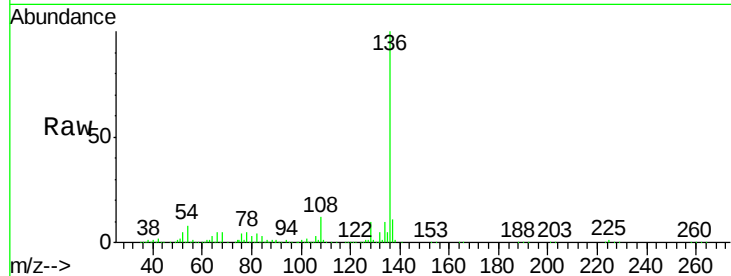
Acq: 6 Nov 2015 13:56

Instrument :

BNA_F

ClientSampleId :

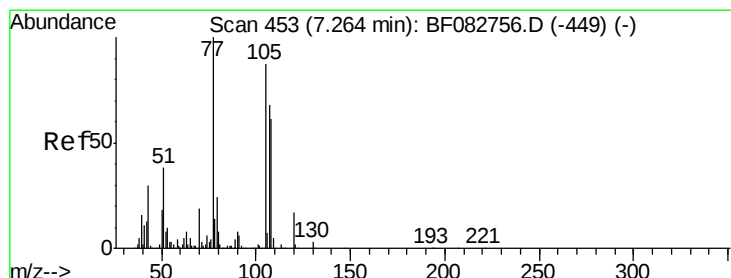
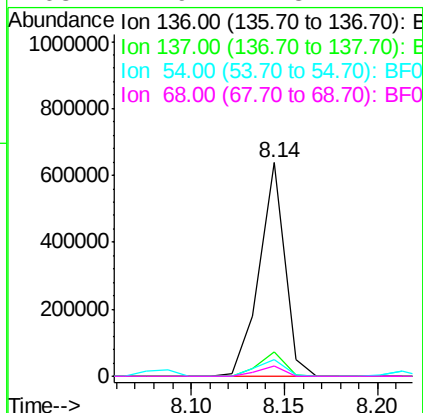
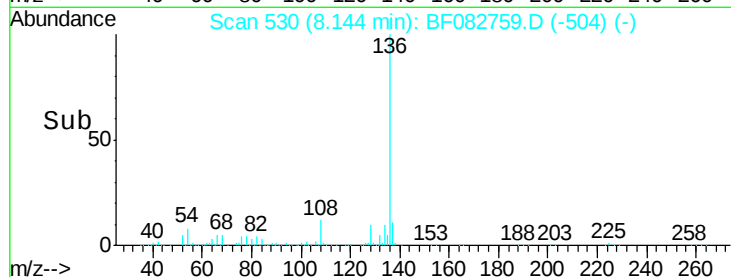
SSTDICC080



Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	11.1	9.1	13.7	
54	7.7	9.1	13.7#	
68	4.9	4.8	7.2	

Manual Integrations
APPROVED

Mmdadoda
11/9/2015 2:10:11 PM



#22

Acetophenone

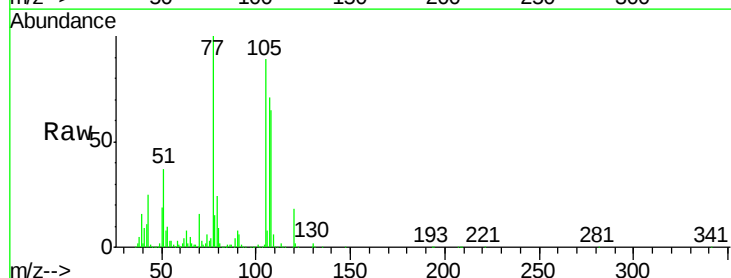
Concen: 71.32 ng

RT: 7.28 min Scan# 454

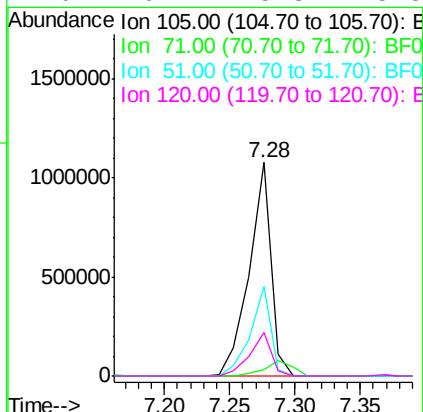
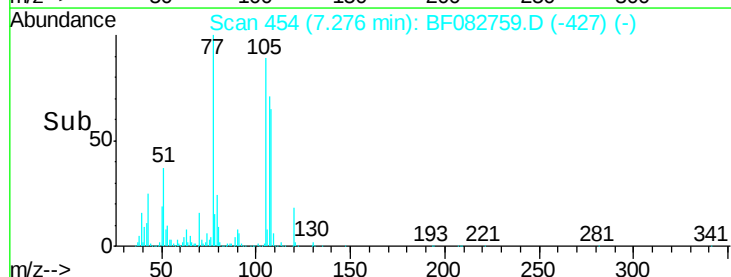
Delta R.T. 0.01 min

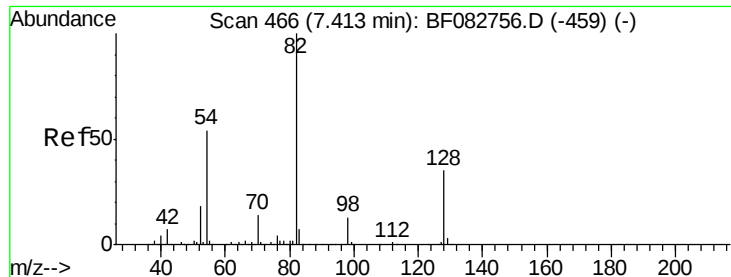
Lab File: BF082759.D

Acq: 6 Nov 2015 13:56



Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	2.9	5.6	8.4#	
51	42.1	24.9	37.3#	
120	20.2	15.8	23.8	





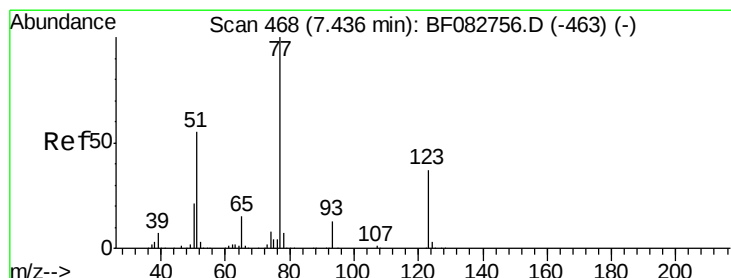
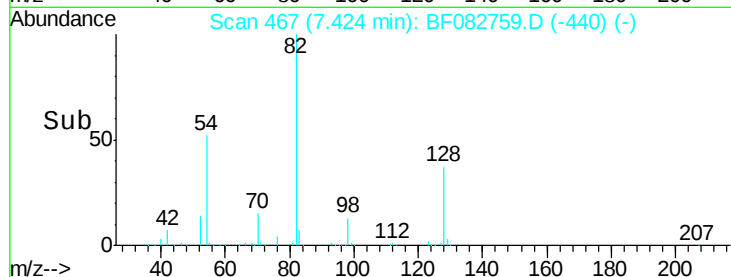
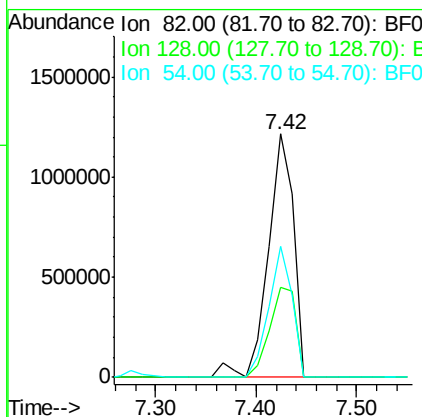
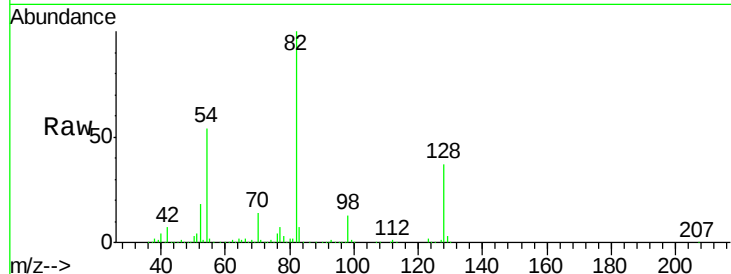
#23
 Nitrobenzene-d5
 Concen: 75.16 ng
 RT: 7.42 min Scan# 467
 Delta R.T. 0.01 min
 Lab File: BF082759.D
 Acq: 6 Nov 2015 13:56

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC080

Tot Ion	82	Resp	2123700
Ion Ratio	100	Lower	Upper
128	37.1	26.8	40.2
54	53.8	45.7	68.5

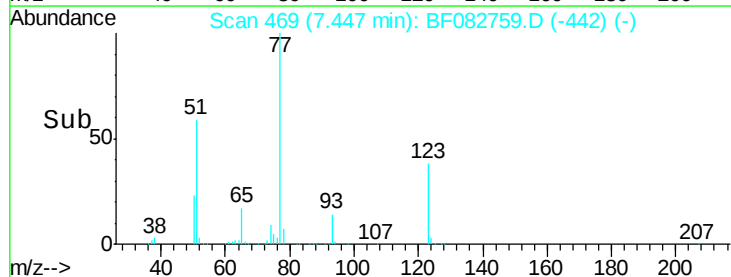
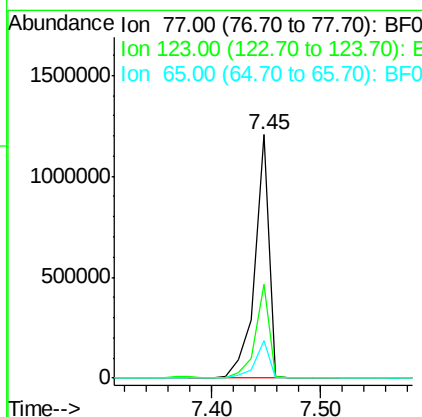
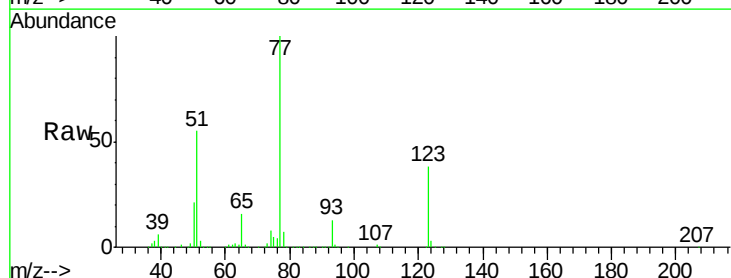
Manual Integrations
 APPROVED

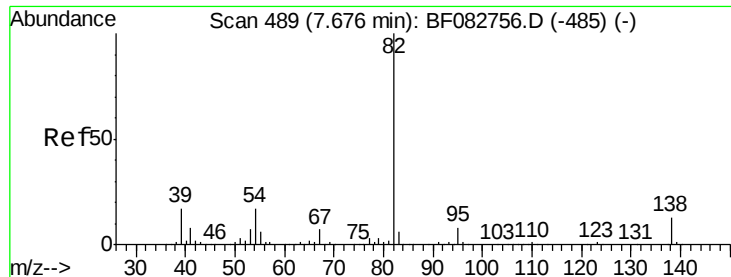
Mmdadoda
 11/9/2015 2:10:11 PM



#24
 Nitrobenzene
 Concen: 76.41 ng
 RT: 7.45 min Scan# 469
 Delta R.T. 0.01 min
 Lab File: BF082759.D
 Acq: 6 Nov 2015 13:56

Tgt Ion	77	Resp	1098151
Ion Ratio	100	Lower	Upper
123	38.5	36.4	54.6
65	15.5	11.5	17.3





#25

Isophorone

Concen: 74.92 ng

RT: 7.69 min Scan# 490

Delta R.T. 0.01 min

Lab File: BF082759.D

Acq: 6 Nov 2015 13:56

Instrument :

BNA_F

ClientSampleId :

SSTDIC080

Tot Ion: 82 Resp: 1948305

Ion Ratio Lower Upper

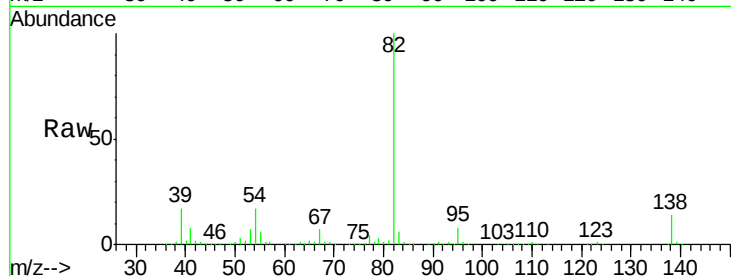
82 100

95 7.7 6.6 9.8

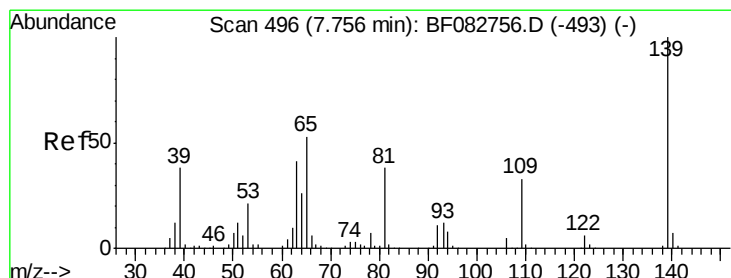
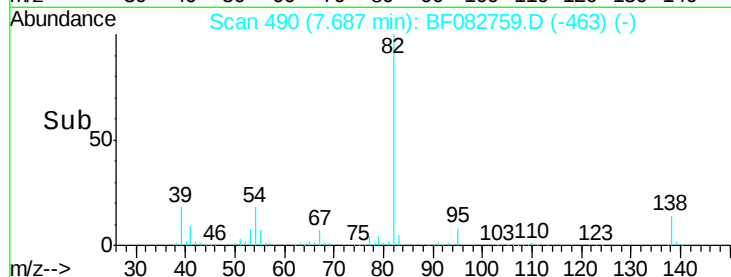
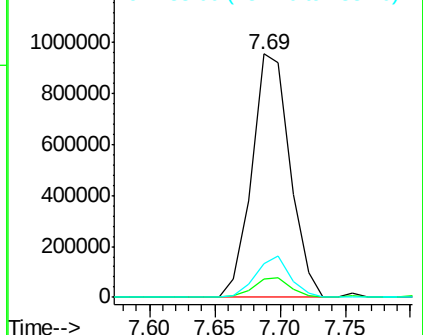
138 13.8 11.4 17.0

Manual Integrations
APPROVED

Mmdadoda
11/9/2015 2:10:11 PM



Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 95.00 (94.70 to 95.70): BF0
Ion 138.00 (137.70 to 138.70): BF0



#26

2-Nitrophenol

Concen: 68.33 ng

RT: 7.76 min Scan# 496

Delta R.T. 0.00 min

Lab File: BF082759.D

Acq: 6 Nov 2015 13:56

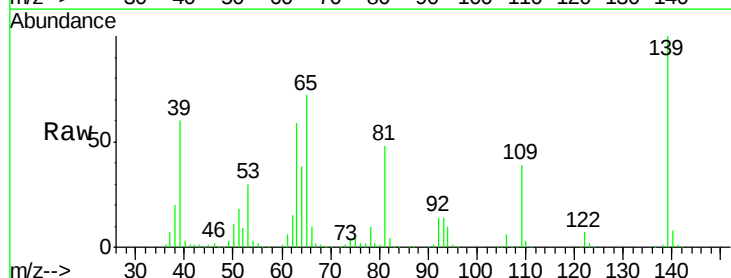
Tgt Ion: 139 Resp: 415048

Ion Ratio Lower Upper

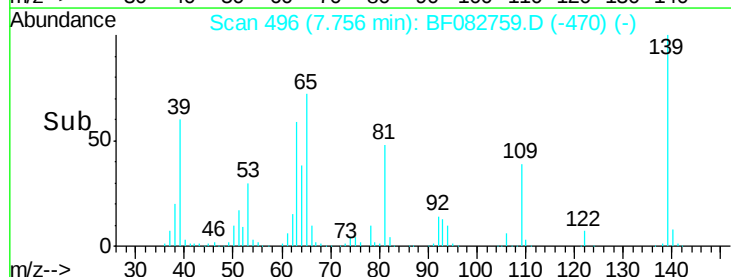
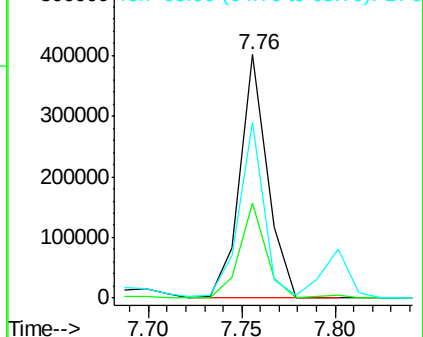
139 100

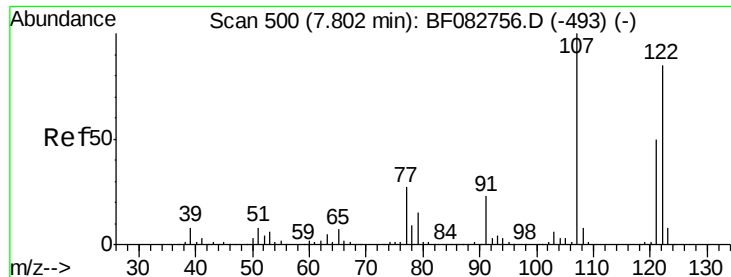
109 38.9 37.6 56.4

65 72.3 70.6 105.8



Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0





#27

2,4-Dimethylphenol

Concen: 67.52 ng

RT: 7.80 min Scan# 500

Delta R.T. 0.01 min

Lab File: BF082759.D

Acq: 6 Nov 2015 13:56

Instrument :

BNA_F

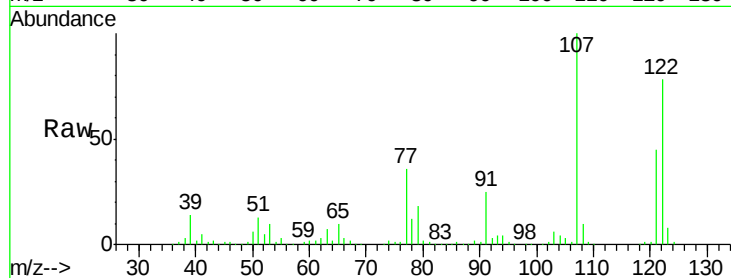
ClientSampleId :

SSTDICC080

Tot Ion	Ion	Ratio	Resp	Lower	Upper
122	100				
107	128.9	106.0	159.0		
121	58.4	46.7	70.1		

Manual Integrations
APPROVED

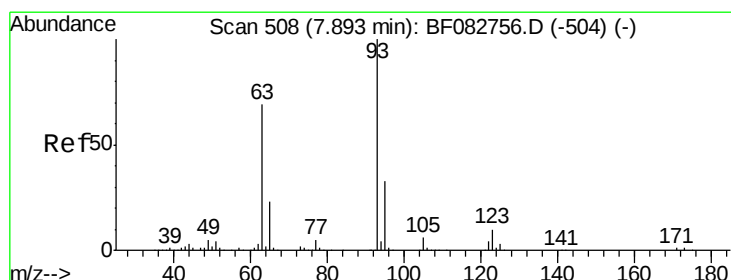
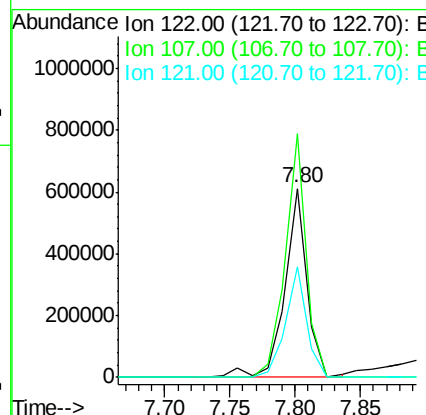
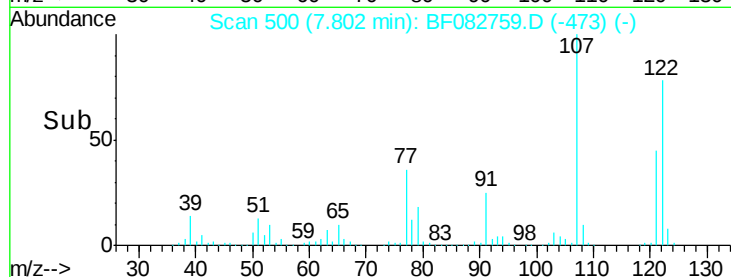
Mmdadoda
11/9/2015 2:10:11 PM



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: 75.07 ng

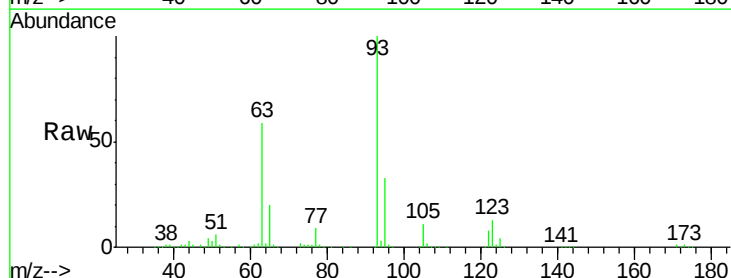
RT: 7.90 min Scan# 509

Delta R.T. 0.01 min

Lab File: BF082759.D

Acq: 6 Nov 2015 13:56

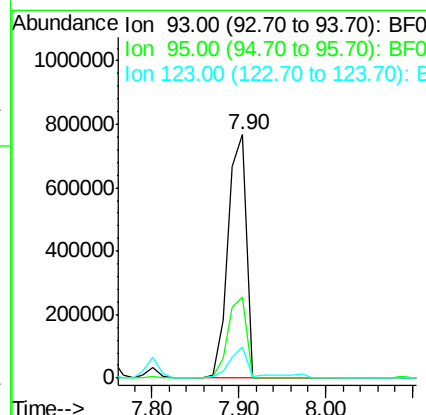
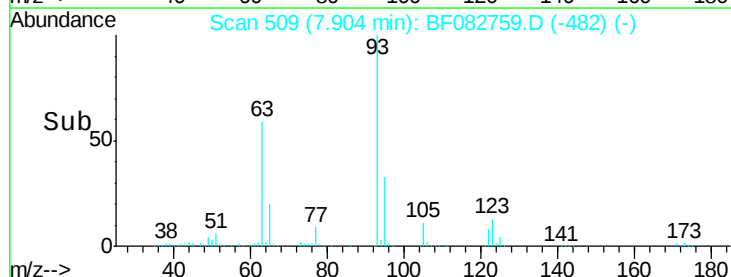
Tgt Ion	Ion	Ratio	Resp	Lower	Upper
93	100				
95	33.4	26.6	40.0		
123	12.7	9.7	14.5		

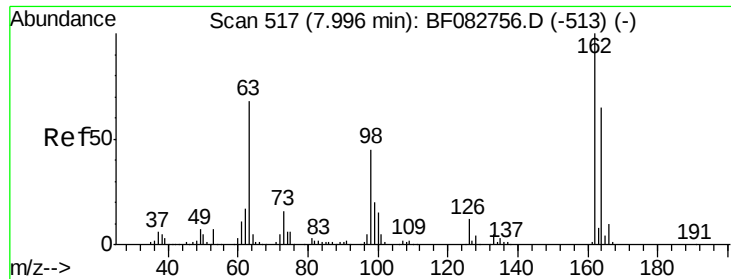


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E





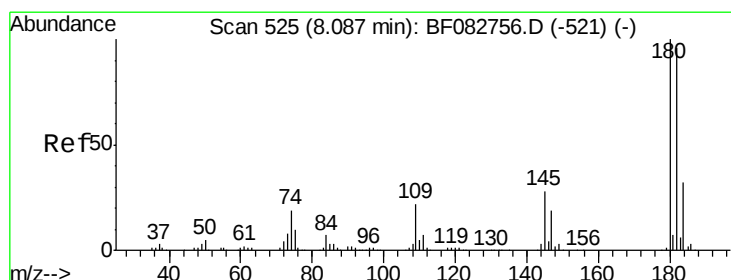
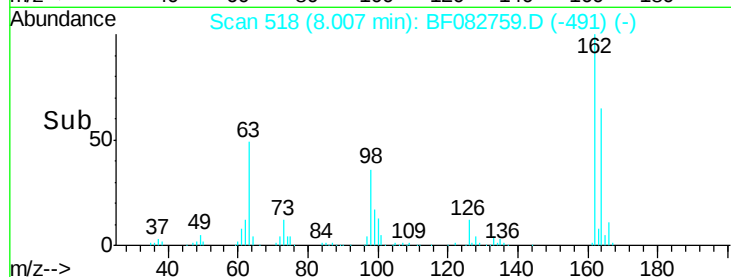
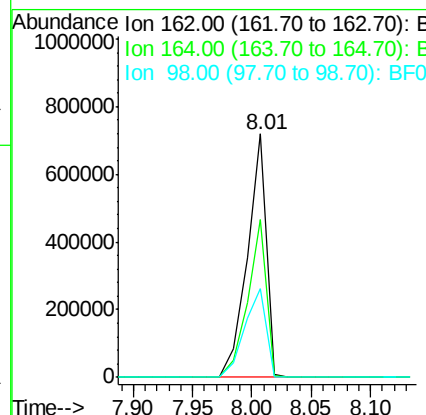
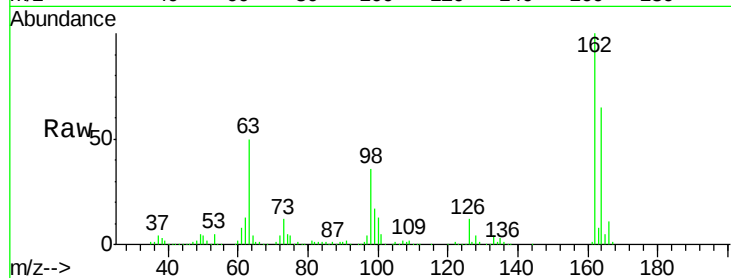
#29
2,4-Dichlorophenol
Concen: 83.27 ng
RT: 8.01 min Scan# 518
Delta R.T. 0.01 min
Lab File: BF082759.D
Acq: 6 Nov 2015 13:56

Instrument :
BNA_F
ClientSampleId :
SSTDIC080

Tot Ion	Ratio	Resp Lower	Resp Upper
162	100		
164	64.9	46.8	86.8
98	36.3	12.5	52.5

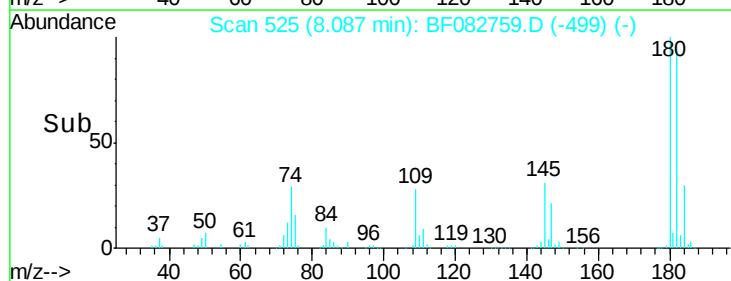
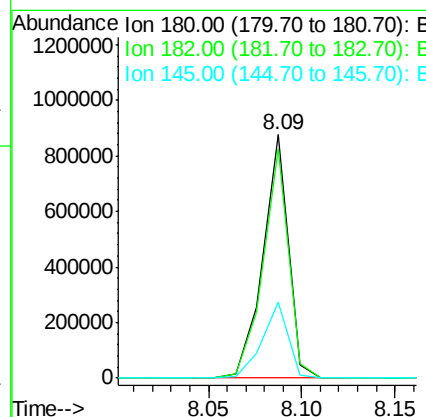
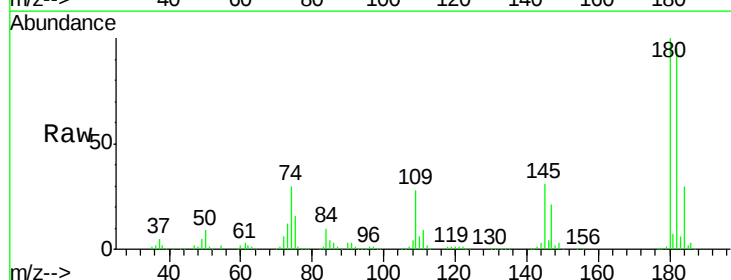
Manual Integrations
APPROVED

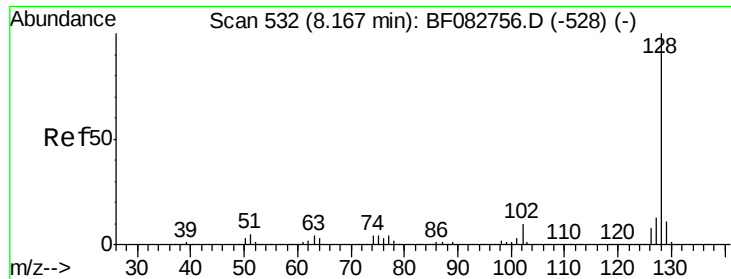
Mmdadoda
11/9/2015 2:10:11 PM



#30
1,2,4-Trichlorobenzene
Concen: 75.41 ng
RT: 8.09 min Scan# 525
Delta R.T. 0.00 min
Lab File: BF082759.D
Acq: 6 Nov 2015 13:56

Tgt Ion	Ratio	Resp Lower	Resp Upper
180	100		
182	94.5	74.9	112.3
145	31.4	27.8	41.8





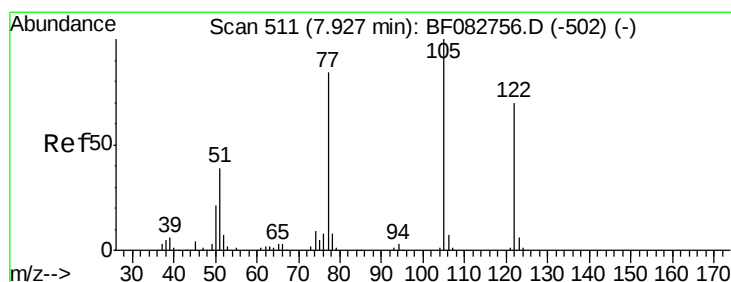
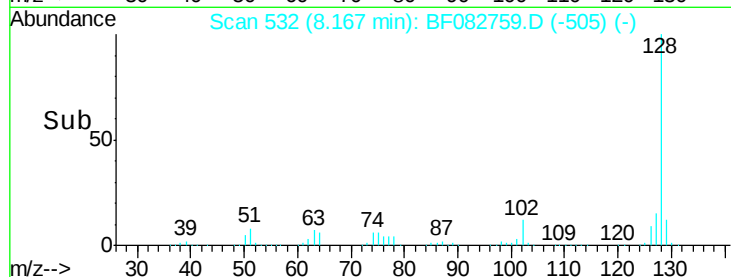
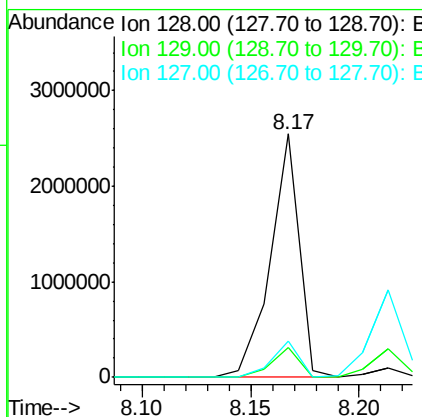
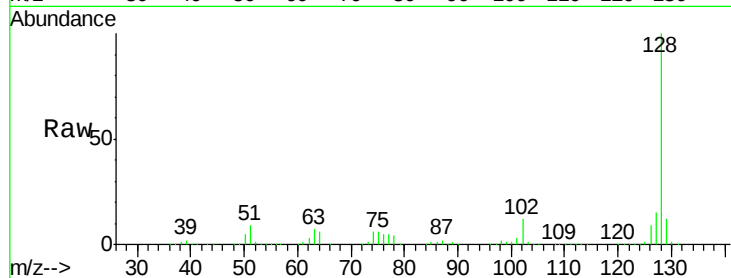
#31
Naphthalene
Concen: 69.83 ng
RT: 8.17 min Scan# 532
Delta R.T. 0.01 min
Lab File: BF082759.D
Acq: 6 Nov 2015 13:56

Instrument :
BNA_F
ClientSampleId :
SSTDIC080

Tot Ion:128 Resp: 2374622
Ion Ratio Lower Upper
128 100
129 12.5 9.5 14.3
127 15.0 11.4 17.0

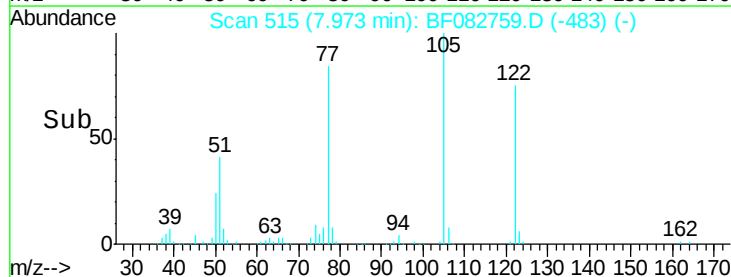
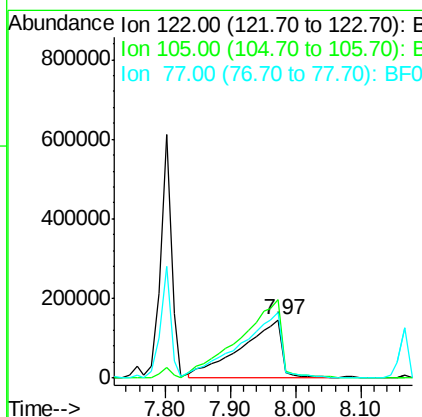
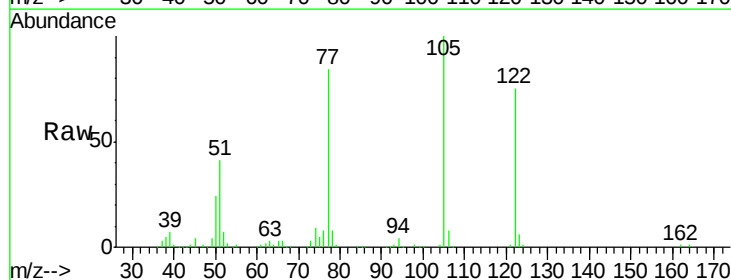
Manual Integrations
APPROVED

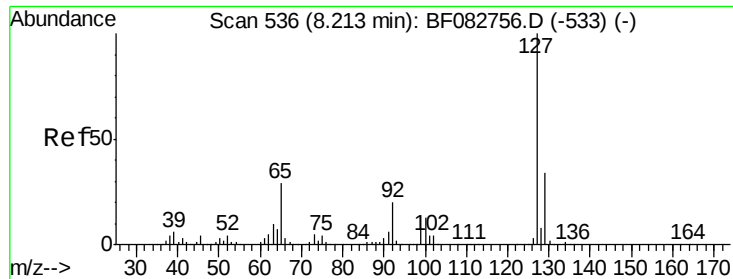
Mmdadoda
11/9/2015 2:10:11 PM



#32
Benzoic acid
Concen: 91.13 ng
RT: 7.97 min Scan# 515
Delta R.T. 0.07 min
Lab File: BF082759.D
Acq: 6 Nov 2015 13:56

Tgt Ion:122 Resp: 641366
Ion Ratio Lower Upper
122 100
105 134.1 122.6 162.6
77 112.4 100.9 140.9





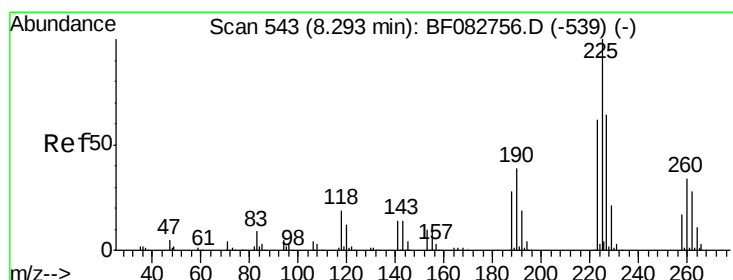
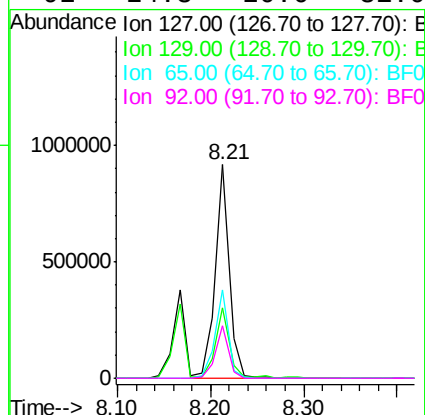
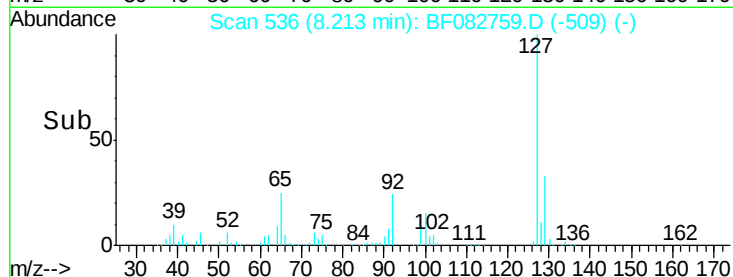
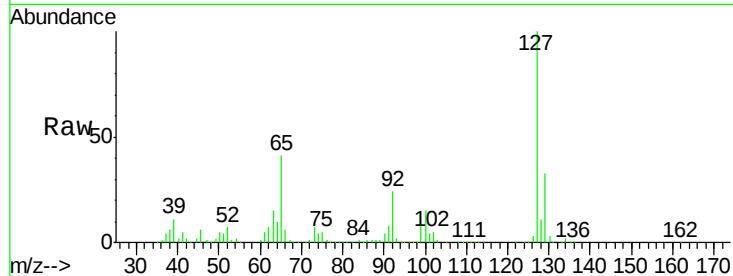
#33
4-Chloroaniline
Concen: 64.32 ng
RT: 8.21 min Scan# 536
Delta R.T. 0.01 min
Lab File: BF082759.D
Acq: 6 Nov 2015 13:56

Instrument :
BNA_F
ClientSampleId :
SSTDIC080

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	33.3	26.3	39.5		
65	41.5	37.8	56.8		
92	24.3	20.6	31.0		

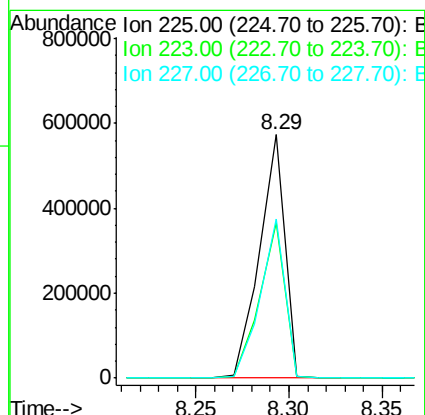
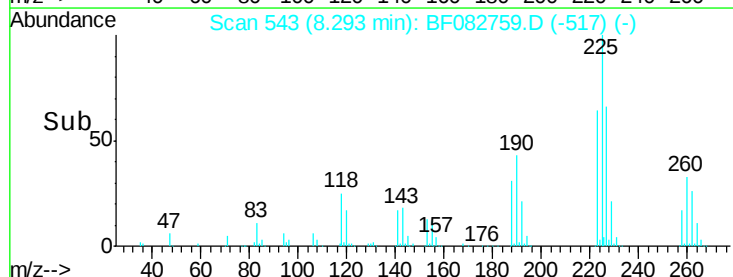
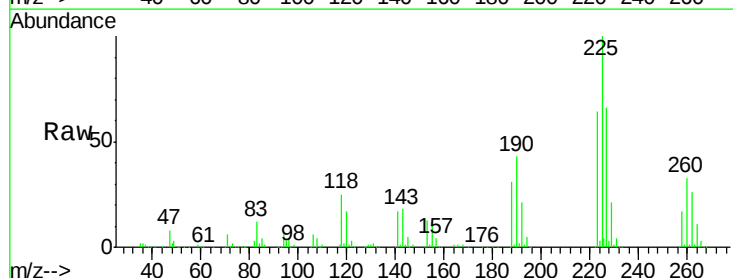
Manual Integrations
APPROVED

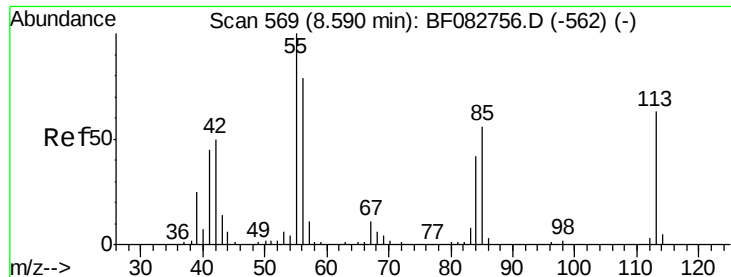
Mmdadoda
11/9/2015 2:10:11 PM



#34
Hexachlorobutadiene
Concen: 81.04 ng
RT: 8.29 min Scan# 543
Delta R.T. 0.00 min
Lab File: BF082759.D
Acq: 6 Nov 2015 13:56

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	63.6	50.5	75.7		
227	65.5	50.2	75.2		





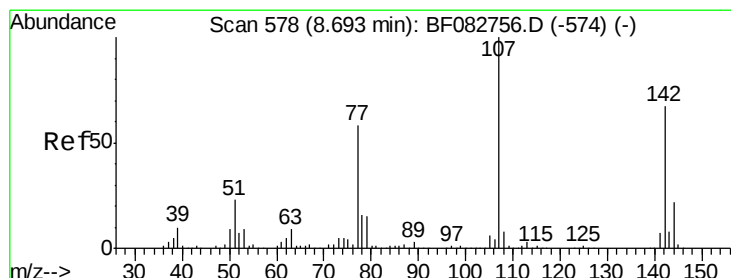
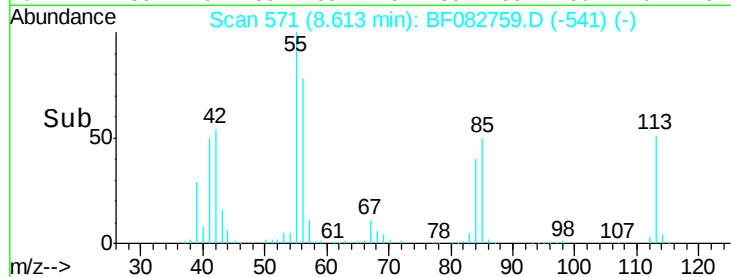
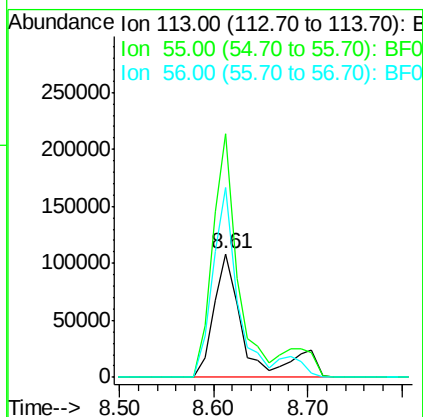
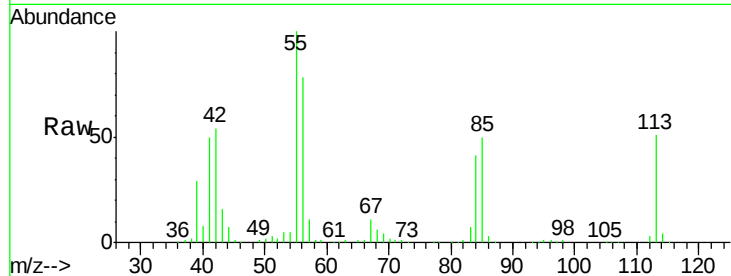
#35
Caprolactam
Concen: 82.95 ng/ml
RT: 8.61 min Scan# 571
Delta R.T. 0.05 min
Lab File: BF082759.D
Acq: 6 Nov 2015 13:56

Instrument :
BNA_F
ClientSampleId :
SSTDIC080

Tot Ion	Ratio	Lower	Upper
113	100		
55	196.9	195.5	235.5
56	153.7	153.5	193.5

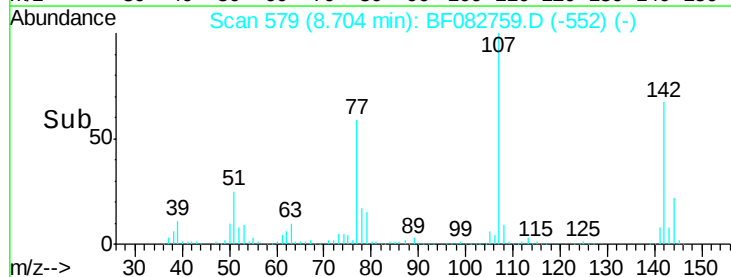
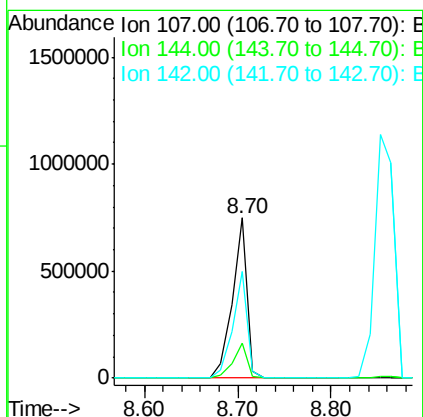
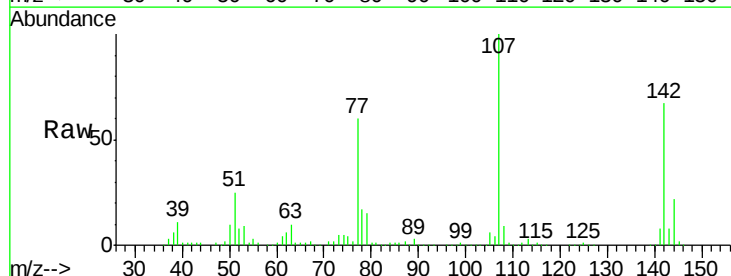
Manual Integrations
APPROVED

Mmdadoda
11/9/2015 2:10:11 PM



#36
4-Chloro-3-methylphenol
Concen: 70.79 ng/ml
RT: 8.70 min Scan# 579
Delta R.T. 0.01 min
Lab File: BF082759.D
Acq: 6 Nov 2015 13:56

Tgt Ion	Ratio	Lower	Upper
107	100		
144	22.2	15.4	23.0
142	66.6	47.8	71.8





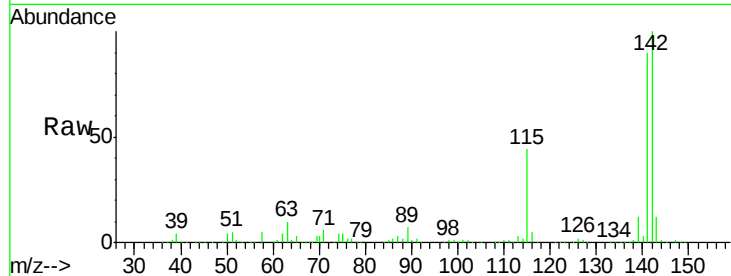
#37
2-Methylnaphthalene
Concen: 72.27 ng
RT: 8.85 min Scan# 592
Delta R.T. 0.00 min
Lab File: BF082759.D
Acq: 6 Nov 2015 13:56

Instrument :
BNA_F
ClientSampleId :
SSTDIC080

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.9	72.3	108.5
115	44.4	38.1	57.1

Manual Integrations
APPROVED

Mmdadoda
11/9/2015 2:10:11 PM

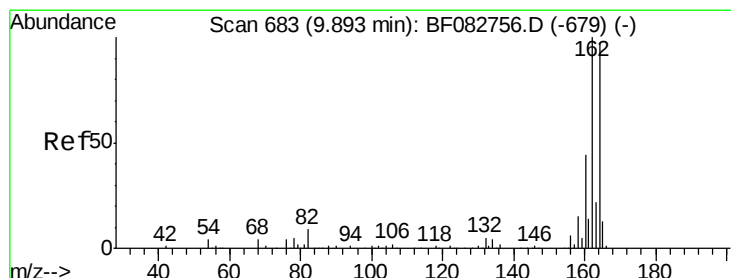
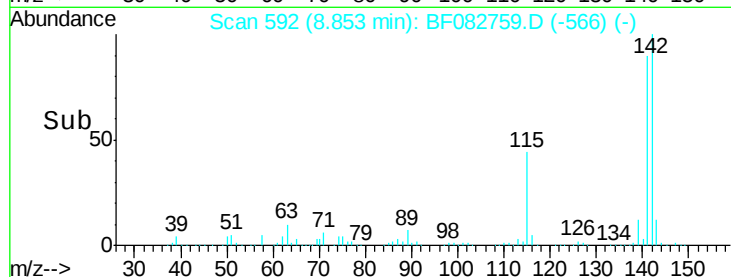
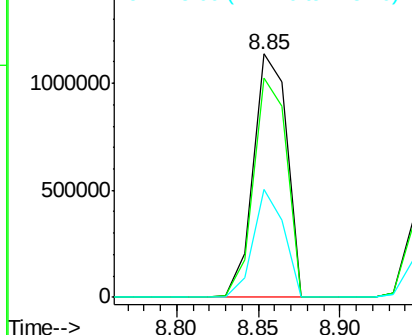


Abundance

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: 9.89 min Scan# 683
Delta R.T. 0.00 min
Lab File: BF082759.D
Acq: 6 Nov 2015 13:56

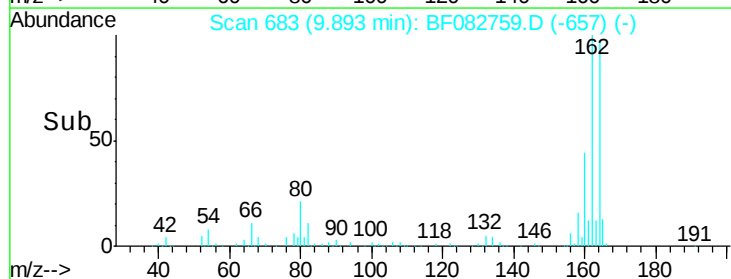
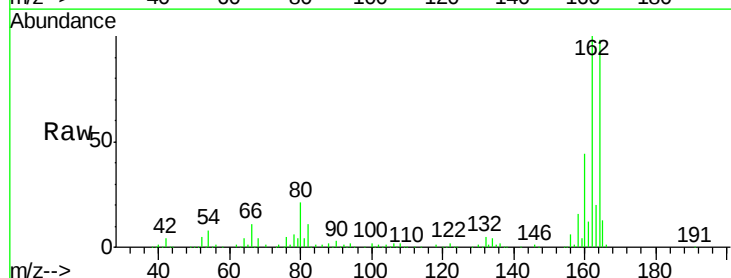
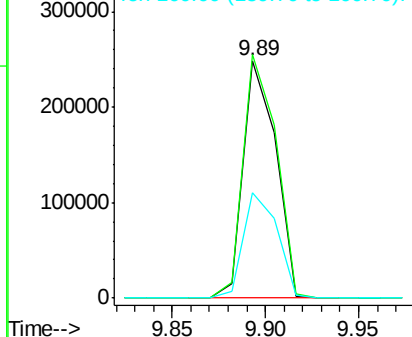
Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.5	84.9	127.3
160	44.6	37.5	56.3

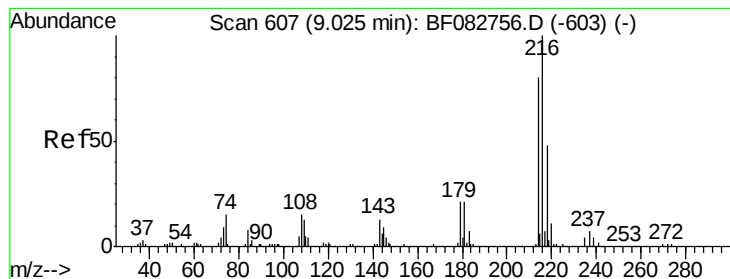
Abundance

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: 69.87 ng

RT: 9.02 min Scan# 607

Delta R.T. 0.00 min

Lab File: BF082759.D

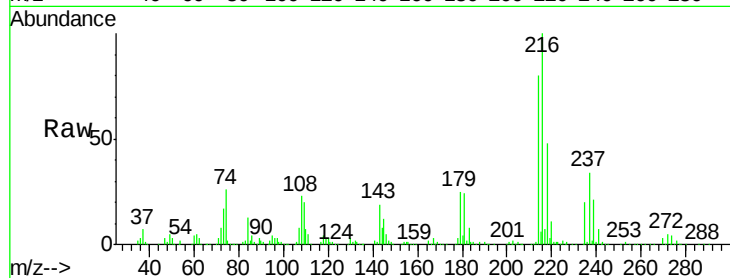
Acq: 6 Nov 2015 13:56

Instrument :

BNA_F

ClientSampleId :

SSTDICC080



Tot Ion:216 Resp: 705178

Ion Ratio Lower Upper

216 100

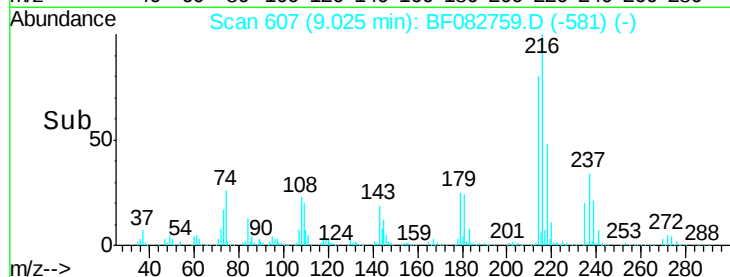
214 79.5 62.2 93.2

179 23.9 18.1 27.1

108 23.2 16.6 25.0

Manual Integrations
APPROVED

Mmdadoda
11/9/2015 2:10:11 PM

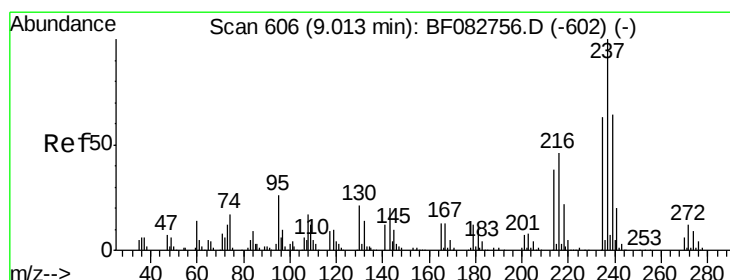
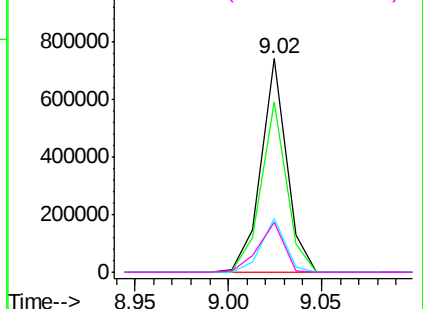


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 92.96 ng

RT: 9.01 min Scan# 606

Delta R.T. 0.00 min

Lab File: BF082759.D

Acq: 6 Nov 2015 13:56

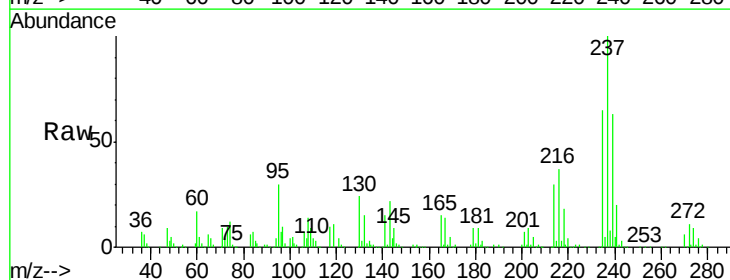
Tgt Ion:237 Resp: 475987

Ion Ratio Lower Upper

237 100

235 65.3 44.3 84.3

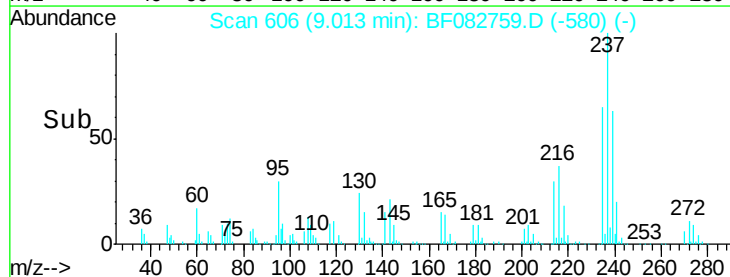
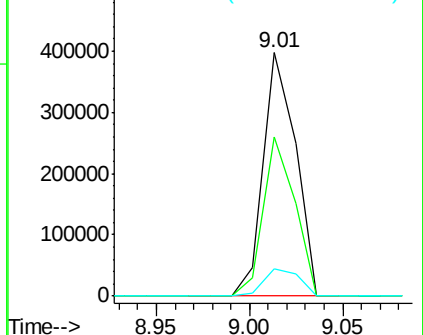
272 11.3 0.0 31.9

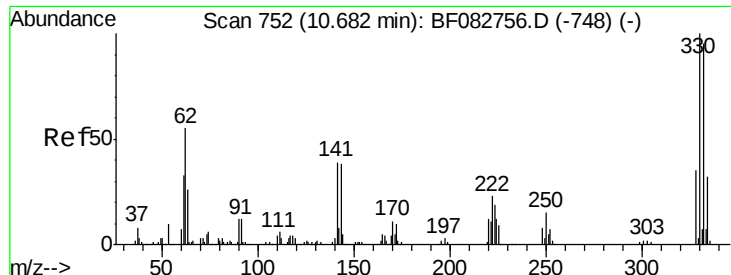


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E





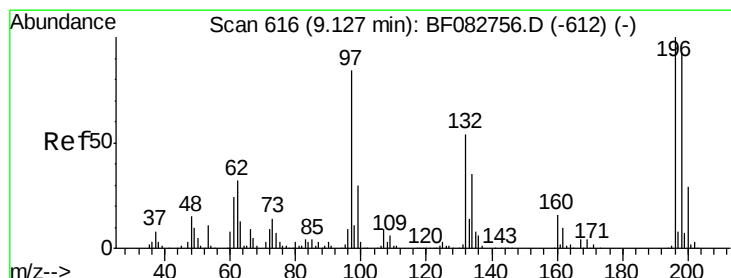
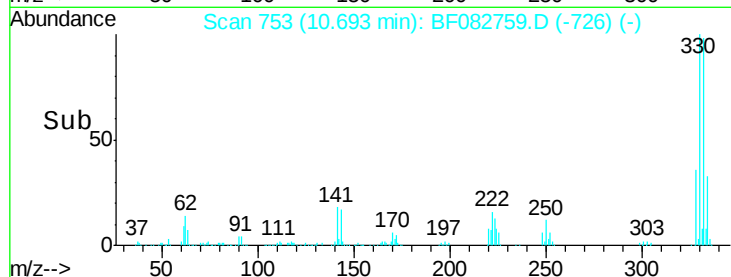
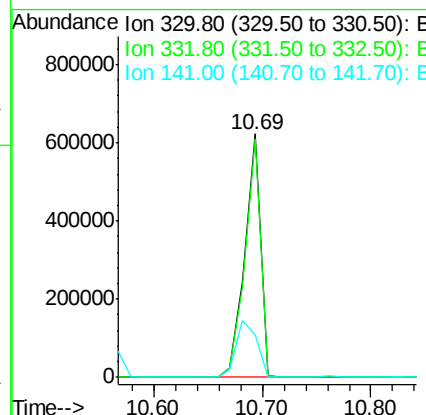
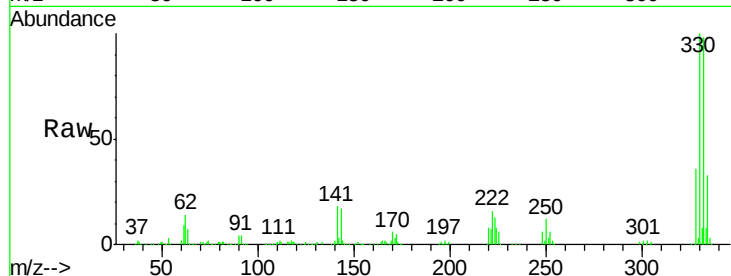
#41
 2,4,6-Tribromophenol
 Concen: 91.41 ng
 RT: 10.69 min Scan# 753
 Delta R.T. 0.01 min
 Lab File: BF082759.D
 Acq: 6 Nov 2015 13:56

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC080

Tot Ion	Ratio	Resp	Lower	Upper
330	100	618418		
332	97.0	76.6	114.8	
141	31.2	41.2	61.8	

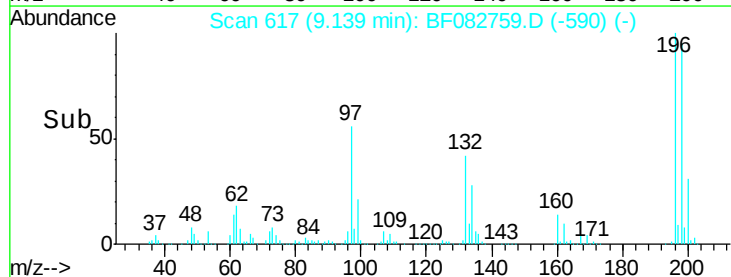
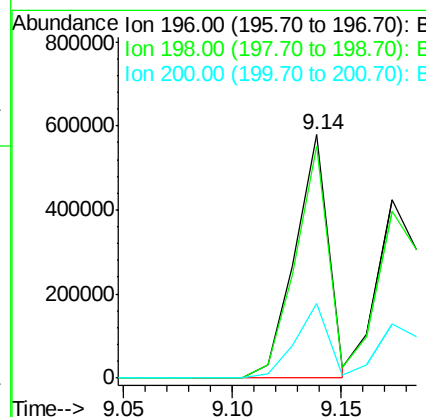
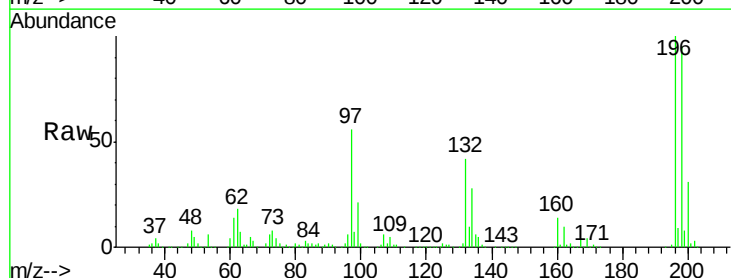
Manual Integrations
 APPROVED

Mmdadoda
 11/9/2015 2:10:11 PM



#42
 2,4,6-Trichlorophenol
 Concen: 85.30 ng
 RT: 9.14 min Scan# 617
 Delta R.T. 0.01 min
 Lab File: BF082759.D
 Acq: 6 Nov 2015 13:56

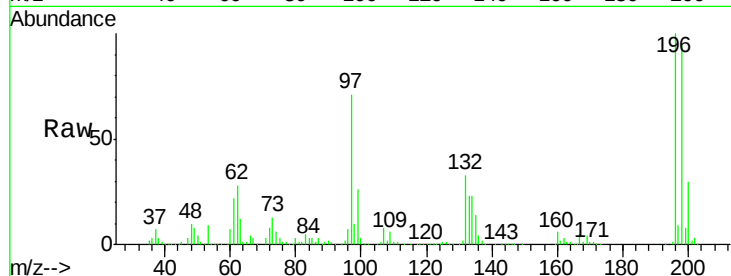
Tgt Ion	Ratio	Resp	Lower	Upper
196	100	619525		
198	95.2	76.3	114.5	
200	30.6	23.9	35.9	





#43
 2,4,5-Trichlorophenol
 Concen: 79.36 ng/ml
 RT: 9.17 min Scan# 620
 Delta R.T. 0.01 min
 Lab File: BF082759.D
 Acq: 6 Nov 2015 13:56

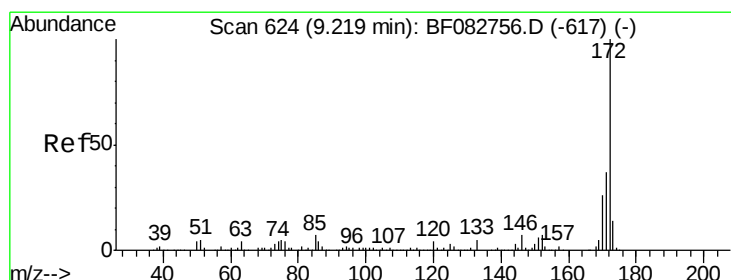
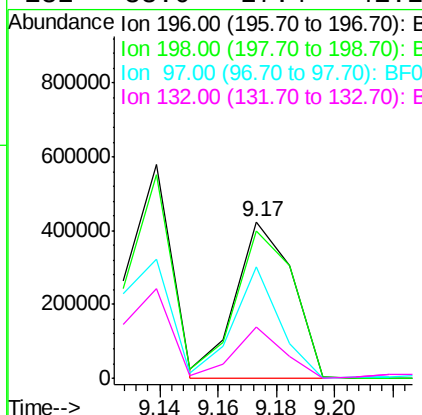
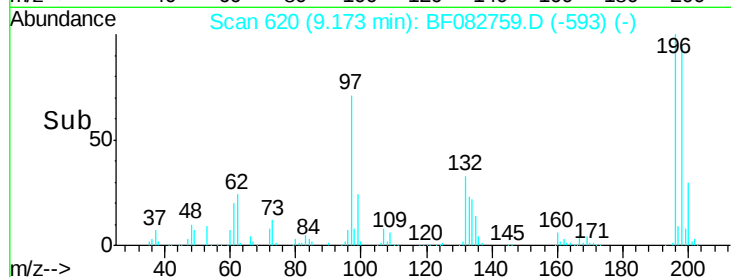
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC080



Tot Ion	Ion	Ratio	Resp	Lower	Upper
196	100		575468		
198	93.9	75.8	113.8		
97	71.0	62.3	93.5		
132	33.0	27.4	41.2		

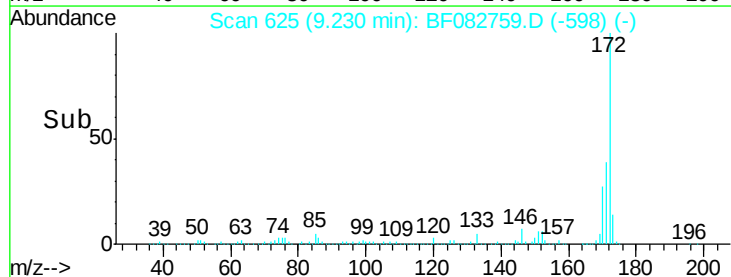
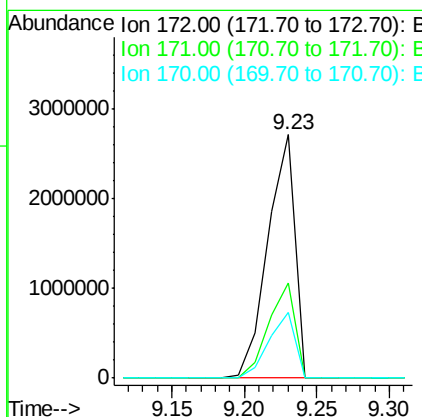
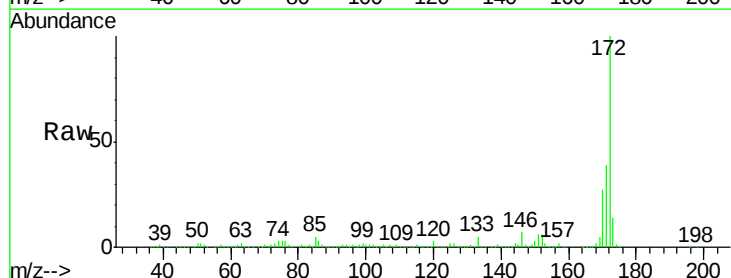
Manual Integrations
 APPROVED

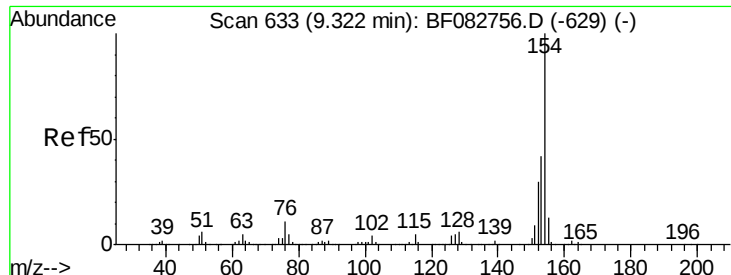
Mmdadoda
 11/9/2015 2:10:11 PM



#44
 2-Fluorobiphenyl
 Concen: 82.80 ng/ml
 RT: 9.23 min Scan# 625
 Delta R.T. 0.01 min
 Lab File: BF082759.D
 Acq: 6 Nov 2015 13:56

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
172	100		3493864		
171	39.0	30.8	46.2		
170	26.9	21.2	31.8		





#45

1,1'-Biphenyl

Concen: 65.08 ng

RT: 9.32 min Scan# 633

Delta R.T. 0.00 min

Lab File: BF082759.D

Acq: 6 Nov 2015 13:56

Instrument :

BNA_F

ClientSampleId :

SSTDIC080

Tot Ion:154 Resp: 1744407

Ion	Ratio	Lower	Upper
154	100		
153	42.5	22.0	62.0
76	16.2	0.0	29.0

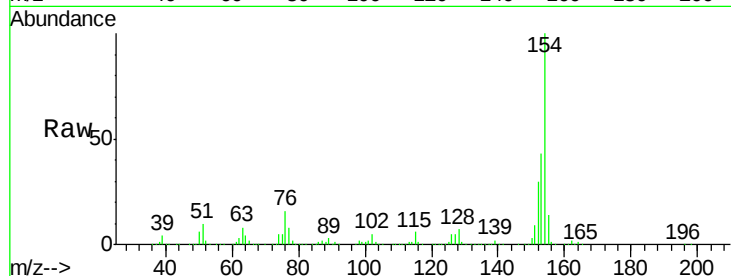
154 100

153 42.5 22.0 62.0

76 16.2 0.0 29.0

Manual Integrations
APPROVED

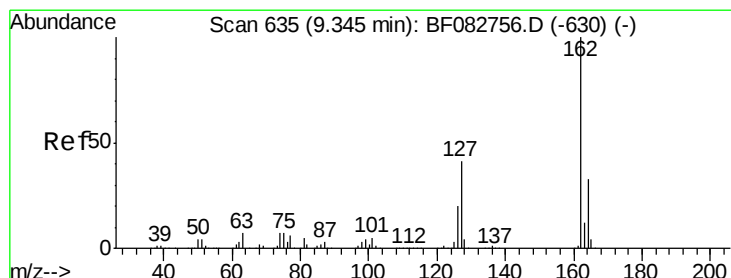
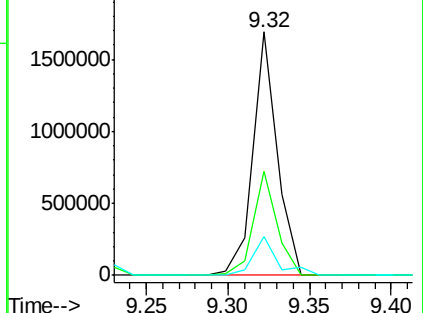
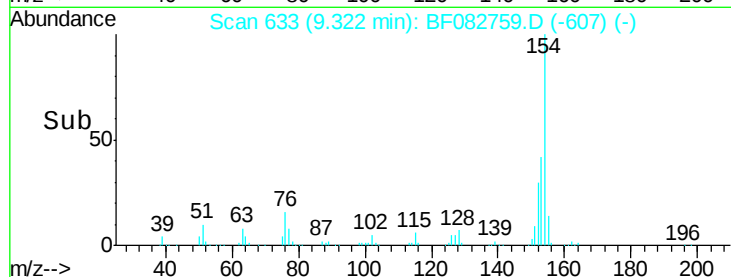
Mmdadoda
11/9/2015 2:10:11 PM



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: 70.63 ng

RT: 9.34 min Scan# 635

Delta R.T. 0.00 min

Lab File: BF082759.D

Acq: 6 Nov 2015 13:56

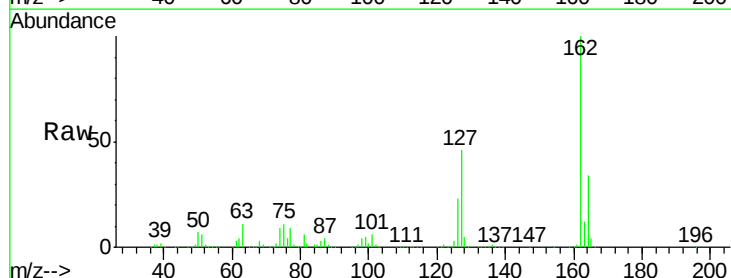
Tgt Ion:162 Resp: 1455667

Ion	Ratio	Lower	Upper
162	100		
127	45.8	32.7	49.1
164	33.5	27.4	41.0

162 100

127 45.8 32.7 49.1

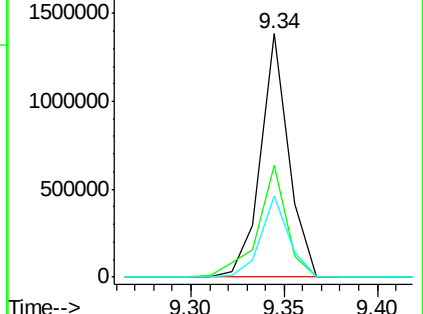
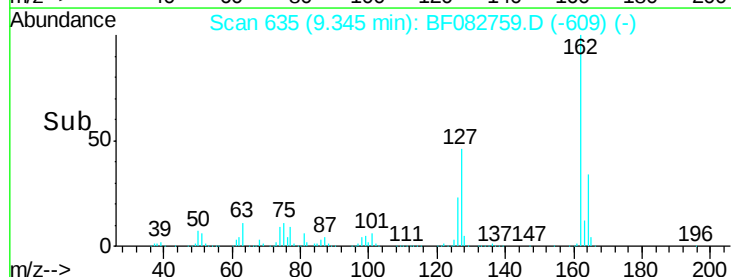
164 33.5 27.4 41.0

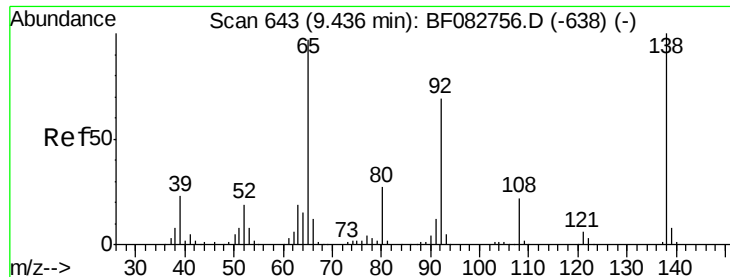


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 70.59 ng

RT: 9.44 min Scan# 643

Delta R.T. 0.01 min

Lab File: BF082759.D

Acq: 6 Nov 2015 13:56

Instrument :

BNA_F

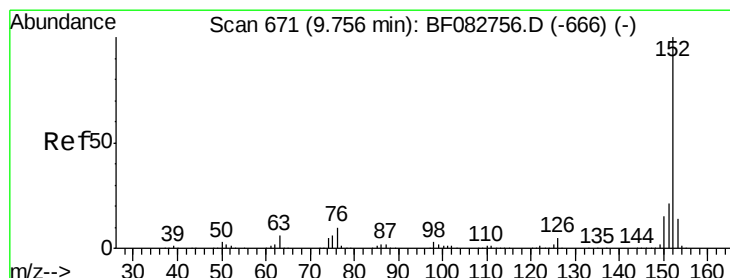
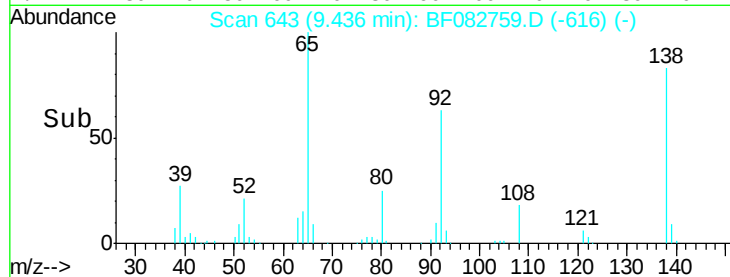
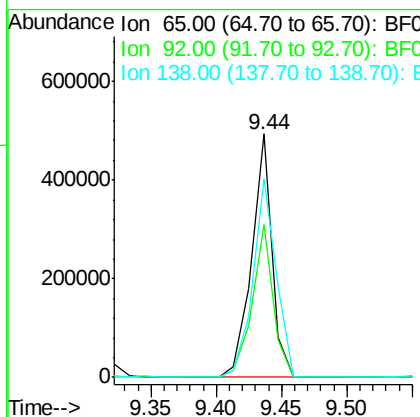
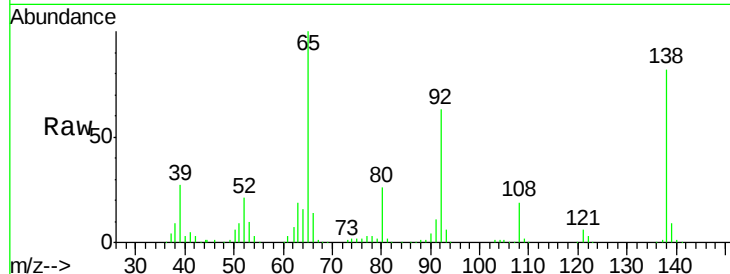
ClientSampleId :

SSTDICC080

Tot Ion:	65	Resp:	534310
Ion Ratio	Lower	Upper	
65	100		
92	62.9	46.6	70.0
138	81.9	54.6	81.8#

Manual Integrations
APPROVED

Mmdadoda
11/9/2015 2:10:11 PM



#48

Acenaphthylene

Concen: 82.34 ng

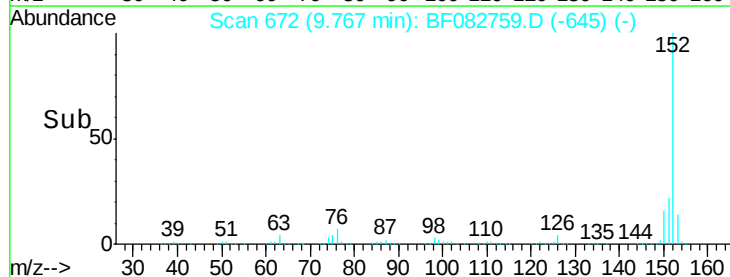
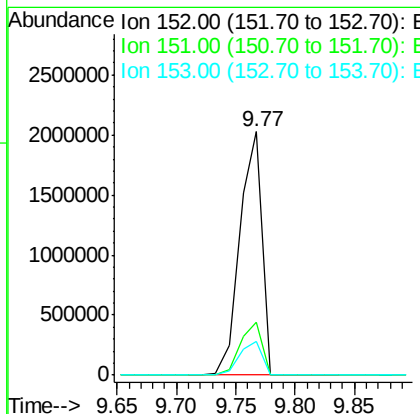
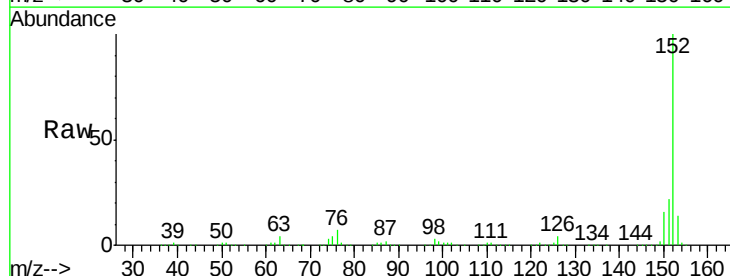
RT: 9.77 min Scan# 672

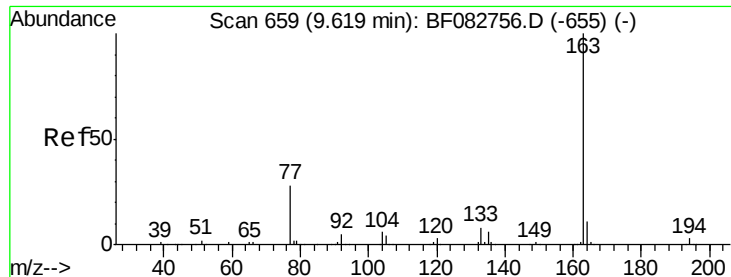
Delta R.T. 0.01 min

Lab File: BF082759.D

Acq: 6 Nov 2015 13:56

Tgt Ion:	152	Resp:	2615668
Ion Ratio	Lower	Upper	
152	100		
151	21.7	17.3	25.9
153	13.6	11.3	16.9





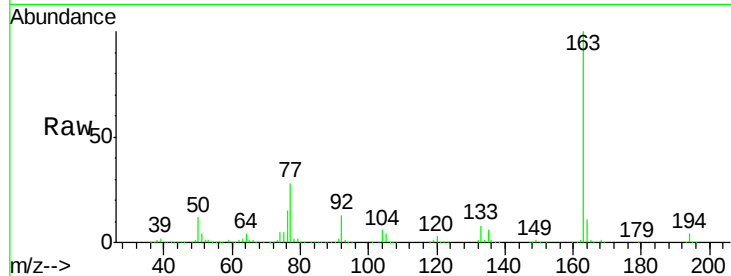
#49
Dimethylphthalate
Concen: 75.08 ng
RT: 9.63 min Scan# 660
Delta R.T. 0.01 min
Lab File: BF082759.D
Acq: 6 Nov 2015 13:56

Instrument :
BNA_F
ClientSampleId :
SSTDIC080

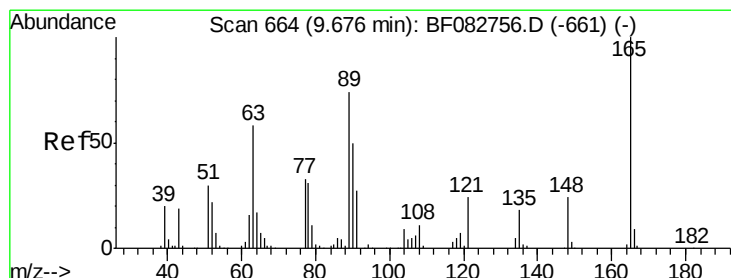
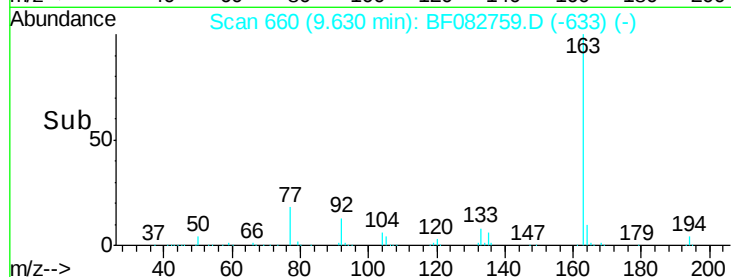
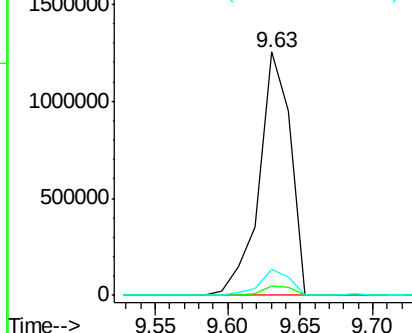
Tot Ion:163 Resp: 1868839
Ion Ratio Lower Upper
163 100
194 3.6 2.6 4.0
164 10.9 8.7 13.1

Manual Integrations
APPROVED

Mmdadoda
11/9/2015 2:10:11 PM

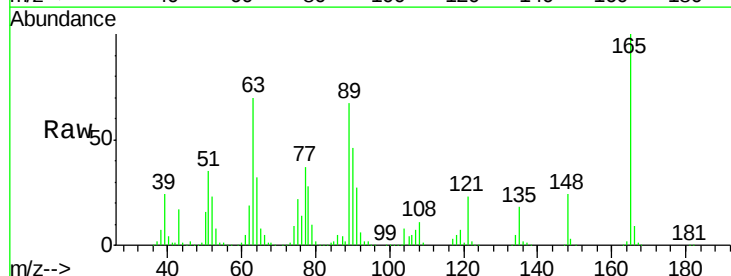


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

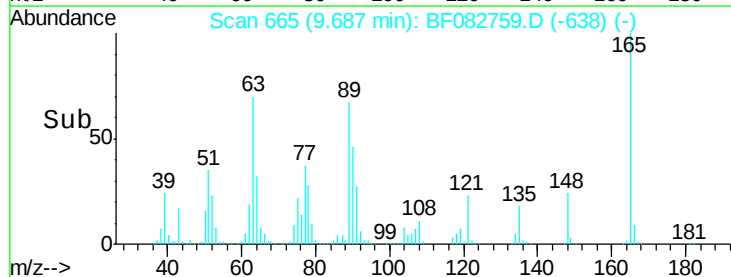
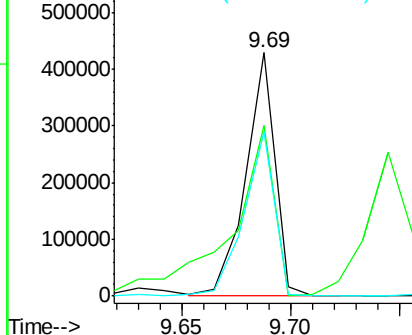


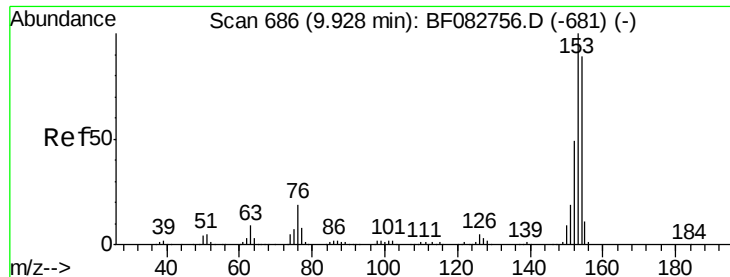
#50
2,6-Dinitrotoluene
Concen: 76.97 ng
RT: 9.69 min Scan# 665
Delta R.T. 0.01 min
Lab File: BF082759.D
Acq: 6 Nov 2015 13:56

Tgt Ion:165 Resp: 399231
Ion Ratio Lower Upper
165 100
63 69.9 55.5 83.3
89 67.2 55.0 82.6



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: 88.71 ng

RT: 9.94 min Scan# 687

Delta R.T. 0.01 min

Lab File: BF082759.D

Acq: 6 Nov 2015 13:56

Instrument :

BNA_F

ClientSampleId :

SSTDIC080

Tot Ion:154 Resp: 1757622

Ion Ratio Lower Upper

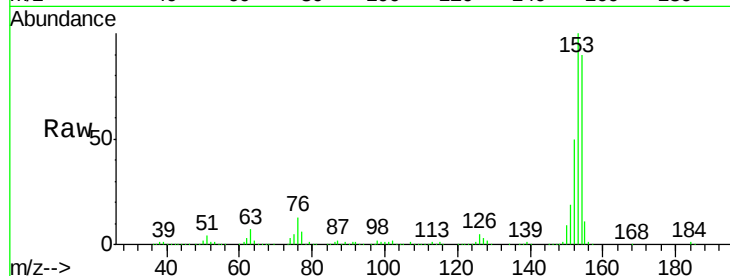
154 100

153 111.4 90.1 135.1

152 55.3 44.3 66.5

Manual Integrations
APPROVED

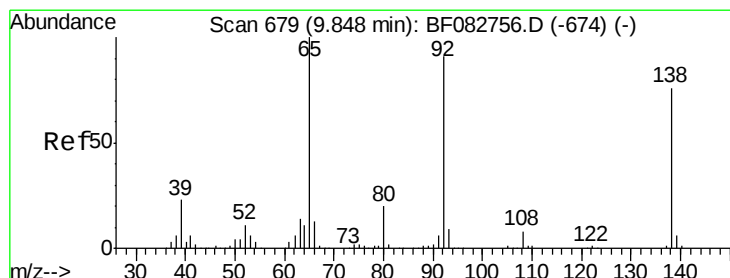
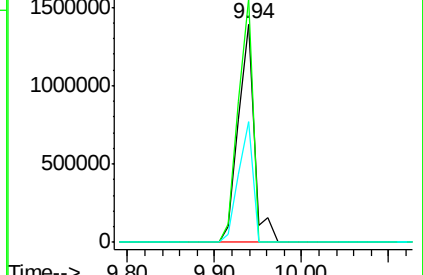
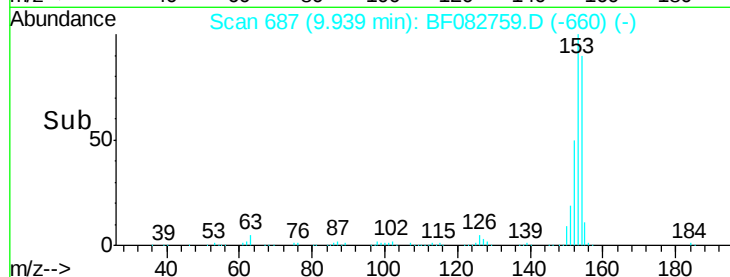
Mmdadoda
11/9/2015 2:10:11 PM



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 86.02 ng

RT: 9.86 min Scan# 680

Delta R.T. 0.02 min

Lab File: BF082759.D

Acq: 6 Nov 2015 13:56

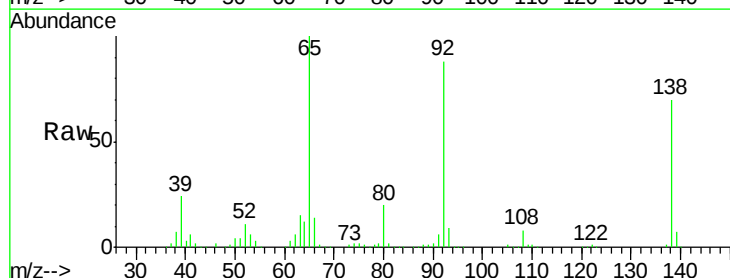
Tgt Ion:138 Resp: 498937

Ion Ratio Lower Upper

138 100

108 11.0 11.3 16.9#

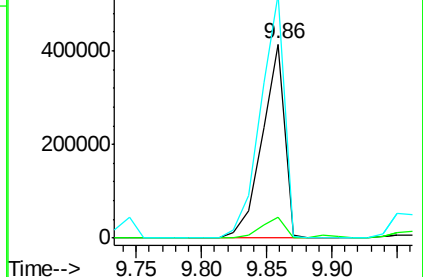
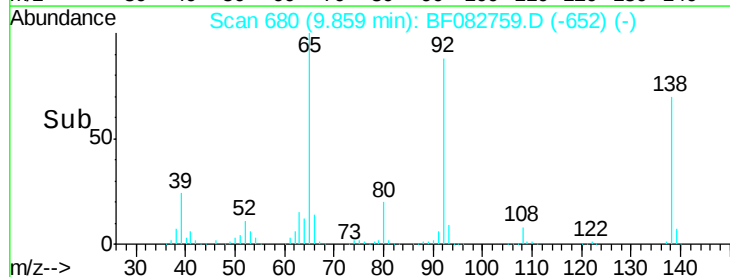
92 125.6 122.4 183.6

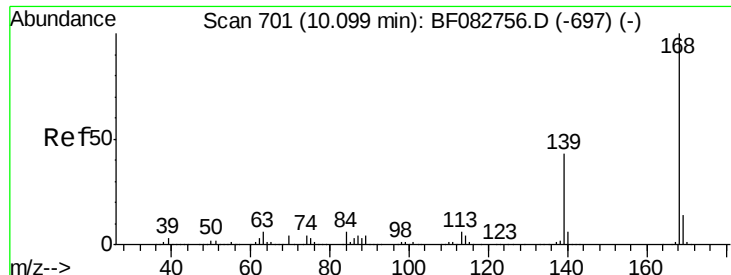


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0





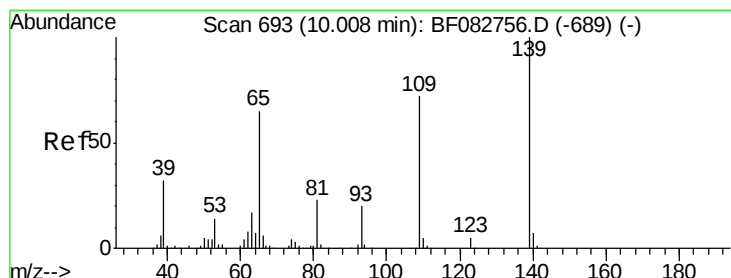
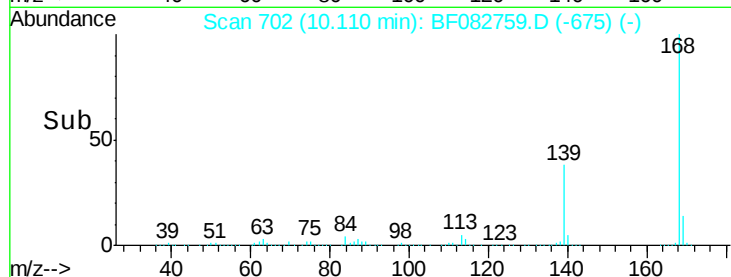
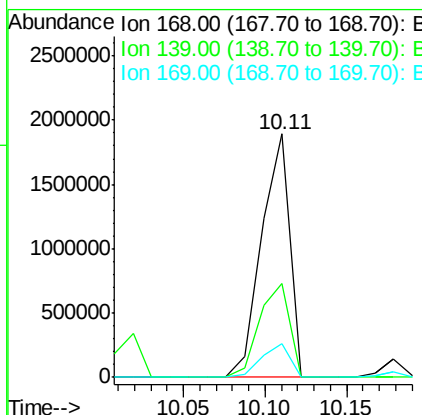
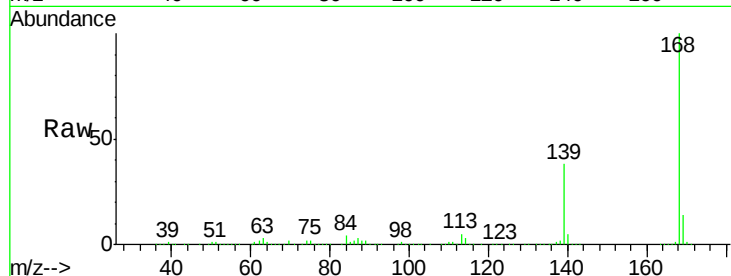
#54
Dibenzofuran
Concen: 83.89 ng
RT: 10.11 min Scan# 702
Delta R.T. 0.01 min
Lab File: BF082759.D
Acq: 6 Nov 2015 13:56

Instrument :
BNA_F
ClientSampleId :
SSTDIC080

Tot Ion	Ratio	Lower	Upper
168	100		
139	38.5	37.8	56.6
169	13.9	11.3	16.9

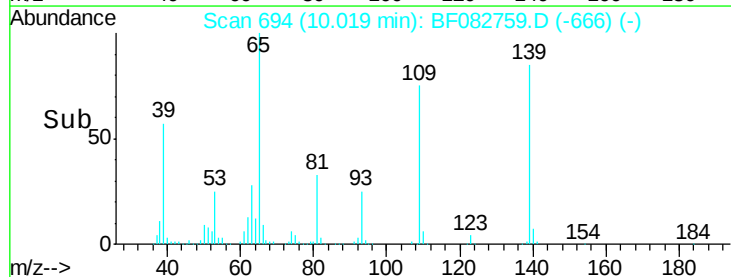
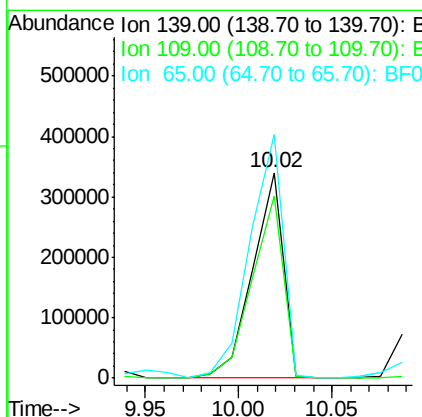
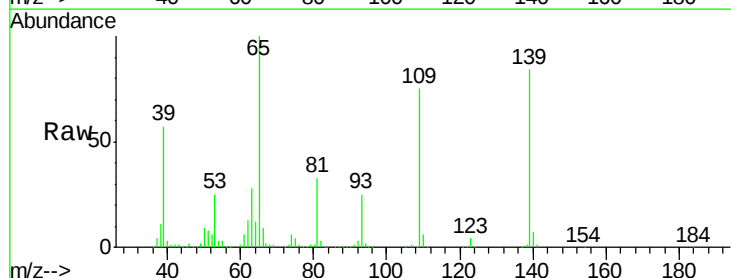
Manual Integrations
APPROVED

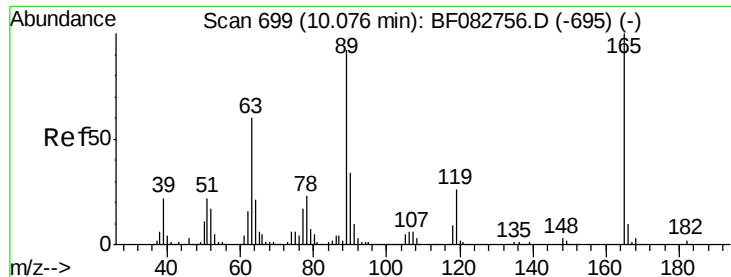
Mmdadoda
11/9/2015 2:10:11 PM



#55
4-Nitrophenol
Concen: 87.32 ng
RT: 10.02 min Scan# 694
Delta R.T. 0.02 min
Lab File: BF082759.D
Acq: 6 Nov 2015 13:56

Tgt Ion	Ratio	Lower	Upper
139	100		
109	88.8	73.7	113.7
65	118.4	82.9	122.9





#56

2,4-Dinitrotoluene

Concen: 74.80 ng

RT: 10.09 min Scan# 700

Delta R.T. 0.01 min

Lab File: BF082759.D

Acq: 6 Nov 2015 13:56

Instrument :

BNA_F

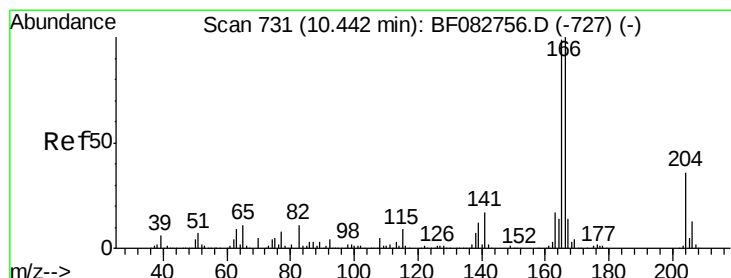
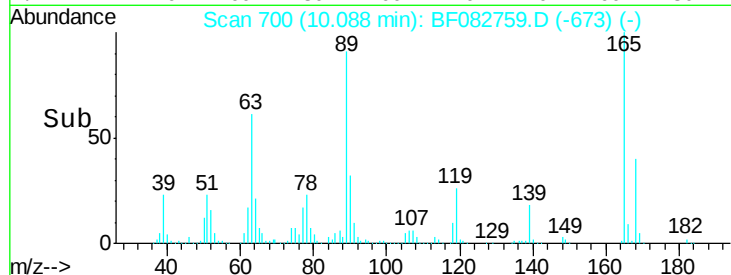
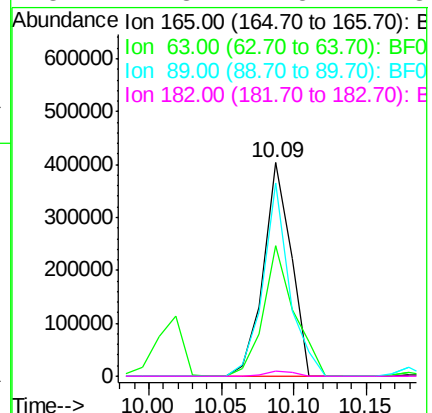
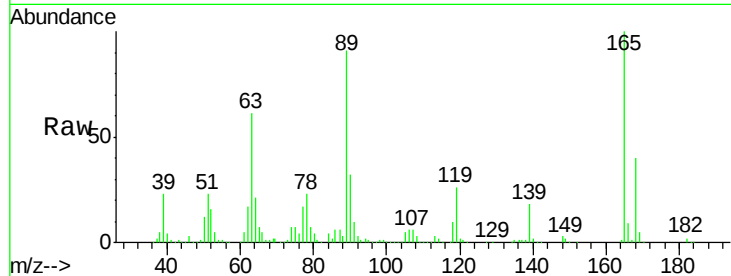
ClientSampleId :

SSTDIC080

Tot Ion	Ion	Ratio	Resp	Lower	Upper
165	100		533132		
63	61.1	43.4	65.0		
89	90.6	70.6	106.0		
182	2.3	1.5	2.3#		

Manual Integrations
APPROVED

Mmdadoda
11/9/2015 2:10:11 PM



#57

Fluorene

Concen: 83.09 ng

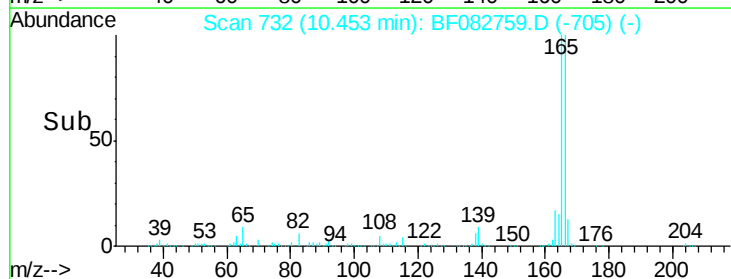
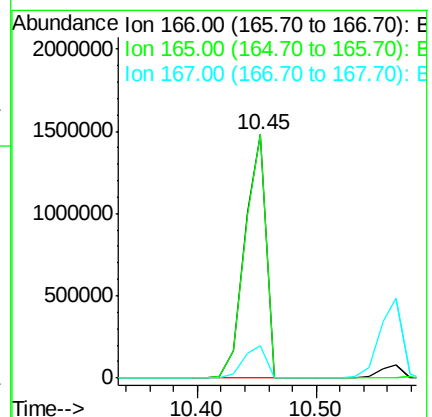
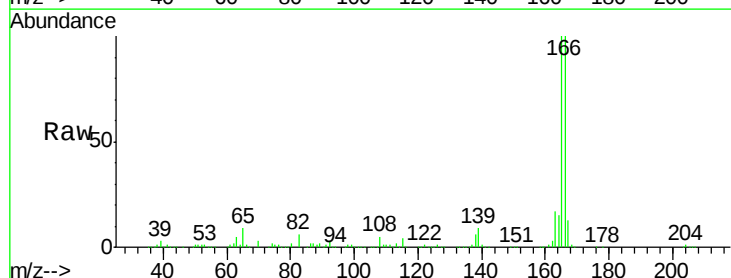
RT: 10.45 min Scan# 732

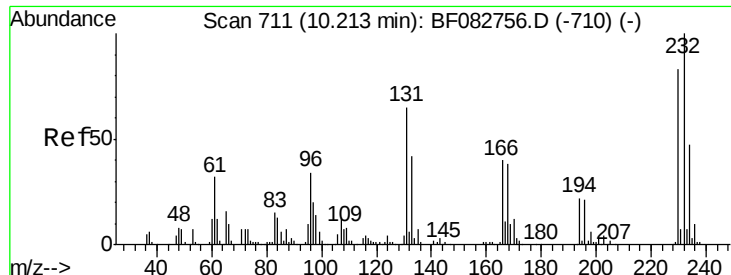
Delta R.T. 0.01 min

Lab File: BF082759.D

Acq: 6 Nov 2015 13:56

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
166	100		1827083		
165	99.9	80.2	120.4		
167	13.3	11.2	16.8		





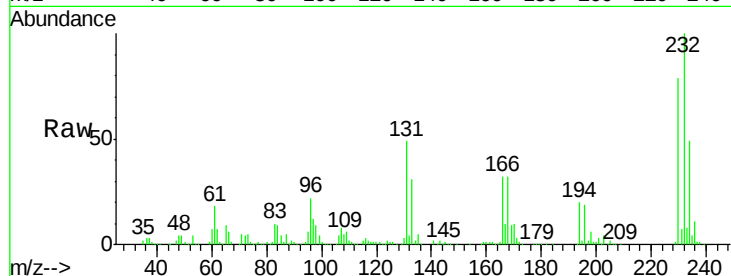
#58
2,3,4,6-Tetrachlorophenol
Concen: 83.29 ng
RT: 10.22 min Scan# 712
Delta R.T. 0.01 min
Lab File: BF082759.D
Acq: 6 Nov 2015 13:56

Instrument :
BNA_F
ClientSampleId :
SSTDIC080

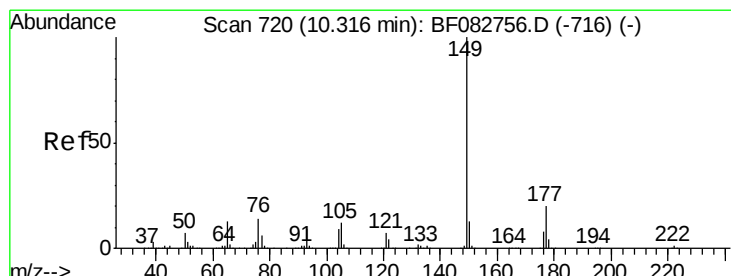
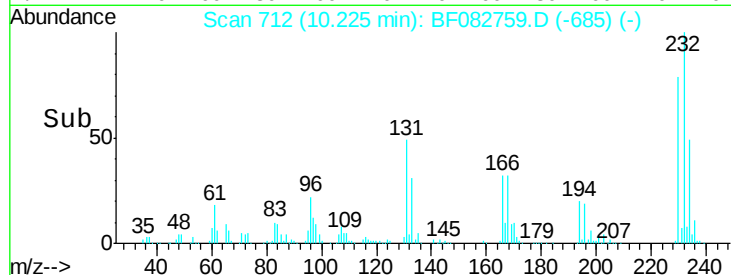
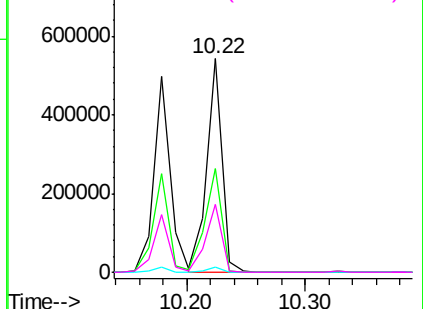
Tot Ion	Ion	Ratio	Resp	Lower	Upper
232	100		486908		
131	52.2	46.2	69.2		
130	2.6	2.4	3.6		
166	33.8	28.2	42.2		

Manual Integrations
APPROVED

Mmdadoda
11/9/2015 2:10:11 PM



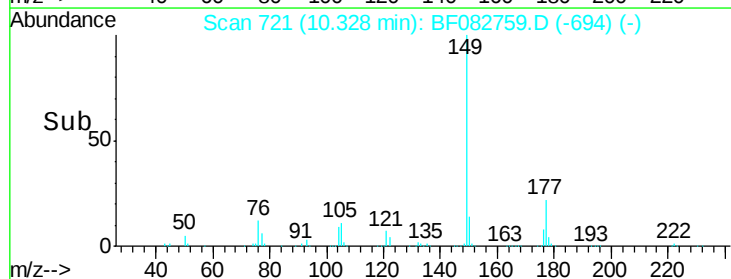
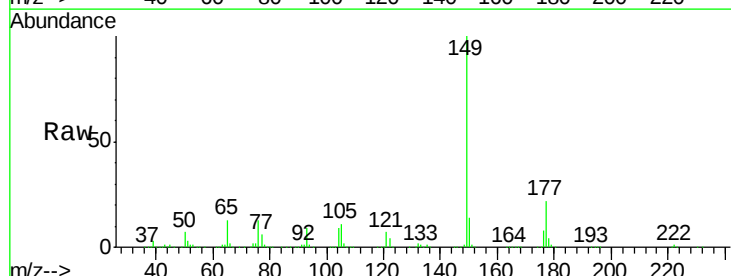
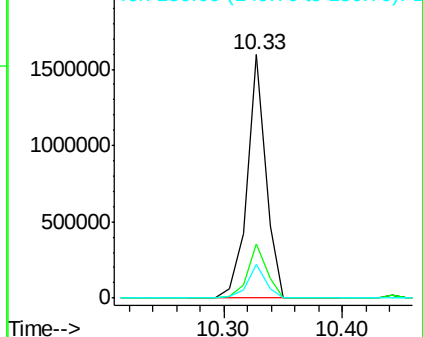
Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E

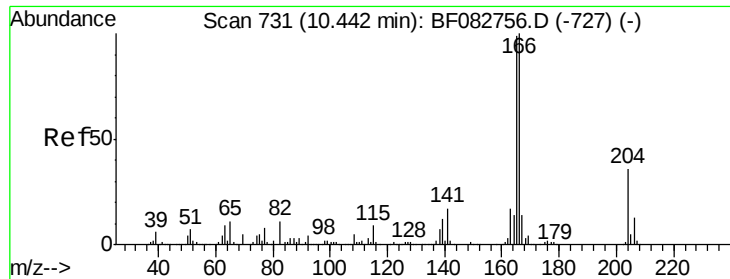


#59
Diethylphthalate
Concen: 71.98 ng
RT: 10.33 min Scan# 721
Delta R.T. 0.01 min
Lab File: BF082759.D
Acq: 6 Nov 2015 13:56

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
149	100		1753165		
177	22.1	17.9	26.9		
150	13.6	10.1	15.1		

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





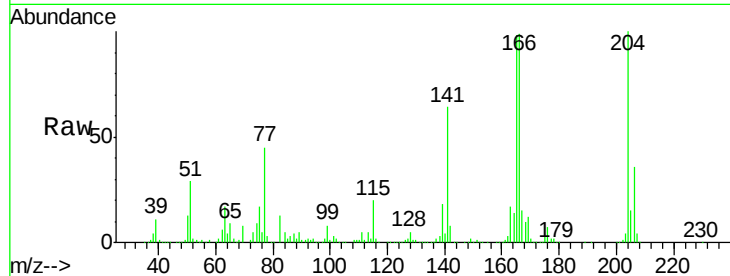
#60
4-Chlorophenyl-phenylether
Concen: 79.13 ng
RT: 10.44 min Scan# 731
Delta R.T. 0.01 min
Lab File: BF082759.D
Acq: 6 Nov 2015 13:56

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

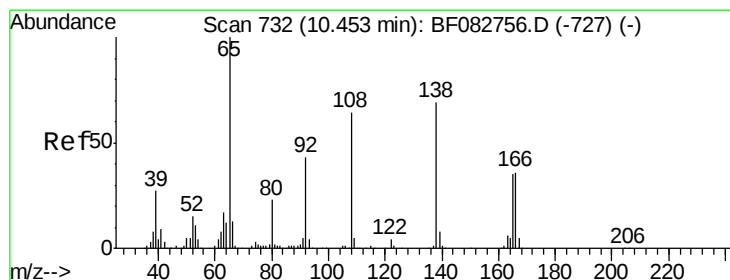
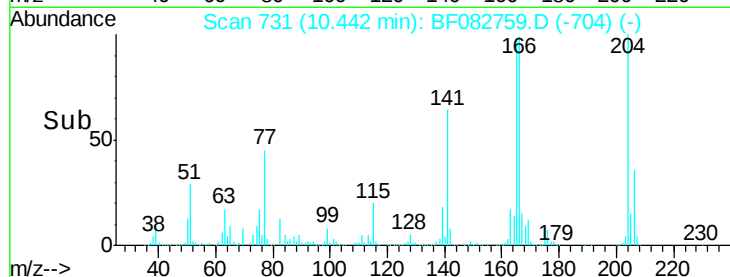
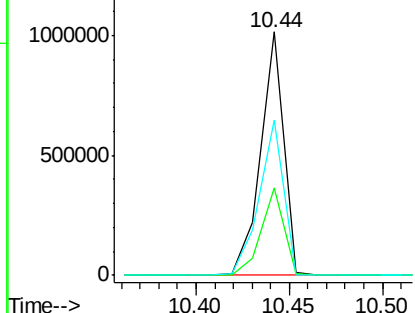
Tot Ion	Ratio	Lower	Upper
204	100		
206	35.9	28.5	42.7
141	63.9	44.6	66.8

Manual Integrations
APPROVED

Mmdadoda
11/9/2015 2:10:11 PM

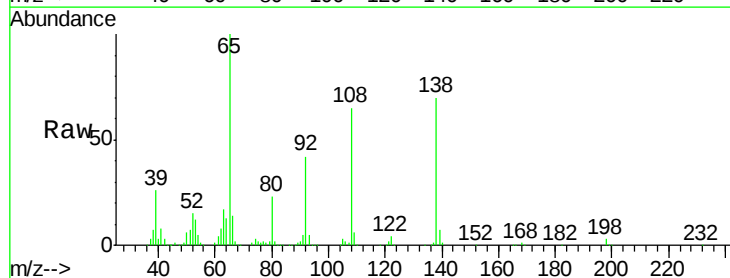


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

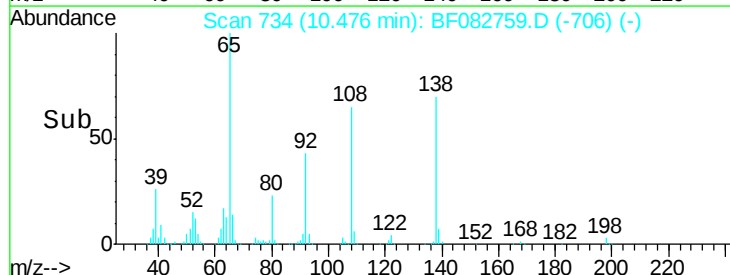
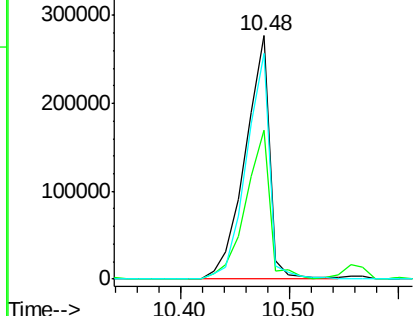


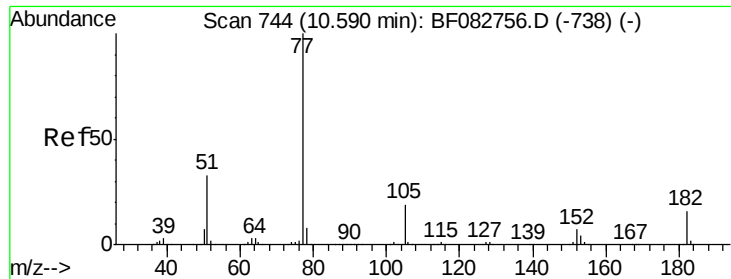
#61
4-Nitroaniline
Concen: 72.86 ng
RT: 10.48 min Scan# 734
Delta R.T. 0.02 min
Lab File: BF082759.D
Acq: 6 Nov 2015 13:56

Tgt Ion	Ratio	Lower	Upper
138	100		
92	61.0	45.8	85.8
108	92.9	89.4	129.4



Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF0
Ion 108.00 (107.70 to 108.70): E





#62

Azobenzene

Concen: 83.25 ng

RT: 10.60 min Scan# 745

Delta R.T. 0.01 min

Lab File: BF082759.D

Acq: 6 Nov 2015 13:56

Instrument :

BNA_F

ClientSampleId :

SSTDIC080

Tot Ion: 77 Resp: 2109064

Ion Ratio Lower Upper

77 100

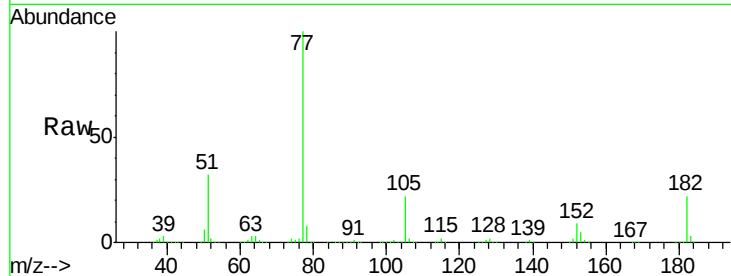
182 22.1 9.3 49.3

105 21.9 2.6 42.6

51 31.6 9.9 49.9

Manual Integrations
APPROVED

Mmdadoda
11/9/2015 2:10:11 PM

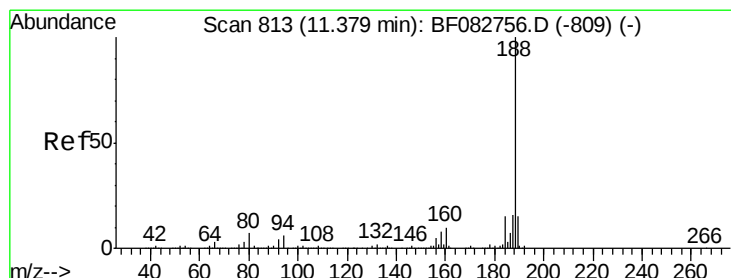
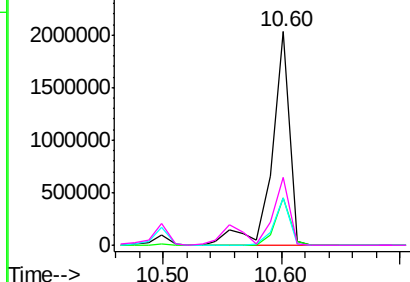
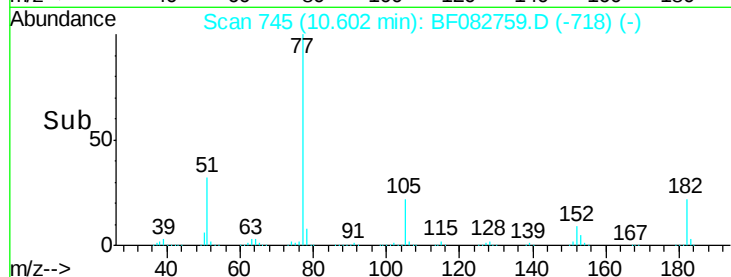


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 51.00 (50.70 to 51.70): BF0



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.38 min Scan# 813

Delta R.T. 0.00 min

Lab File: BF082759.D

Acq: 6 Nov 2015 13:56

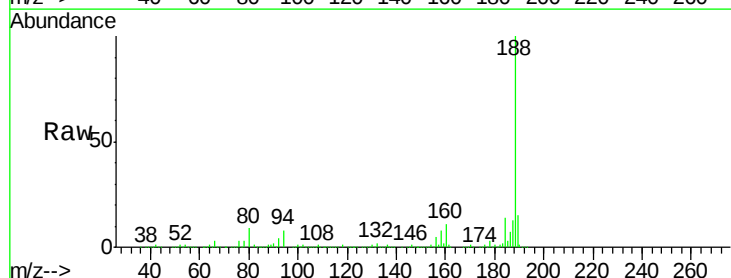
Tgt Ion: 188 Resp: 574180

Ion Ratio Lower Upper

188 100

94 7.5 6.1 9.1

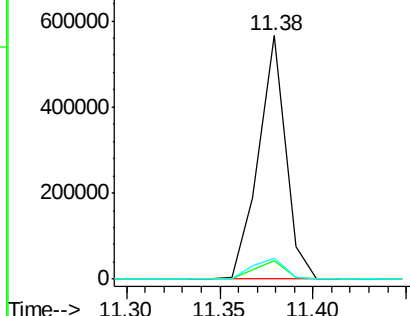
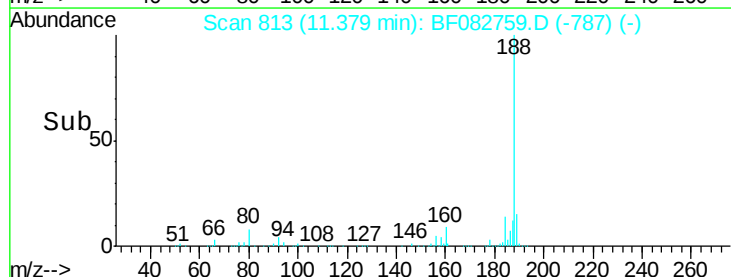
80 8.5 7.0 10.6

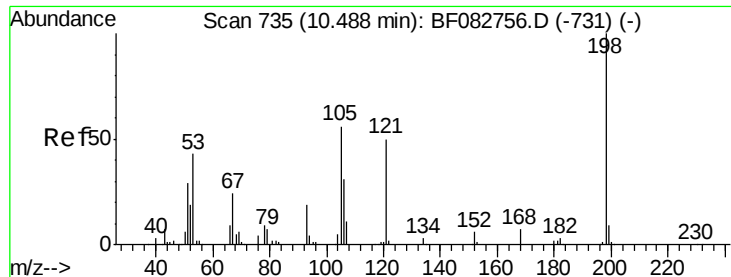


Abundance Ion 188.00 (187.70 to 188.70): BF0

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0





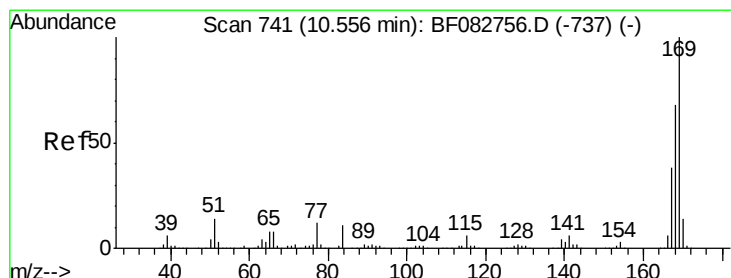
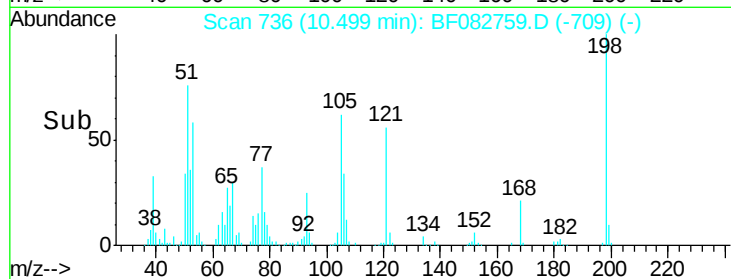
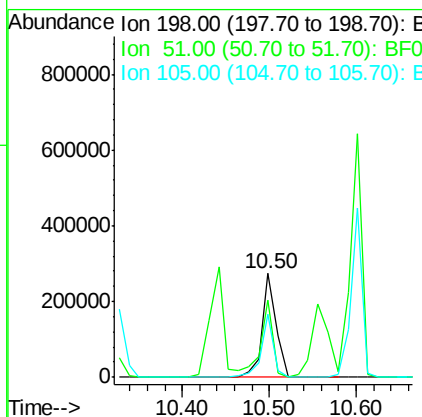
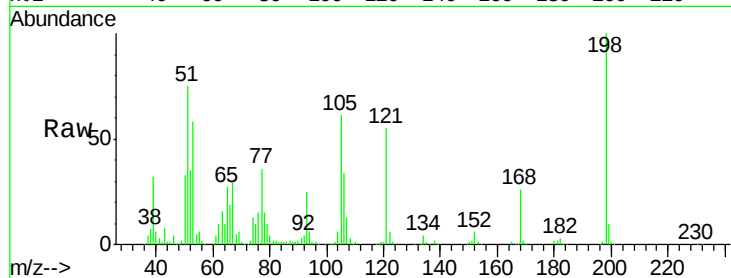
#64
4,6-Dinitro-2-methylphenol
Concen: 77.14 ng
RT: 10.50 min Scan# 736
Delta R.T. 0.01 min
Lab File: BF082759.D
Acq: 6 Nov 2015 13:56

Instrument :
BNA_F
ClientSampleId :
SSTDIC080

Tot Ion	Ratio	Lower	Upper
198	100		
51	74.6	17.3	57.3#
105	61.0	21.7	61.7

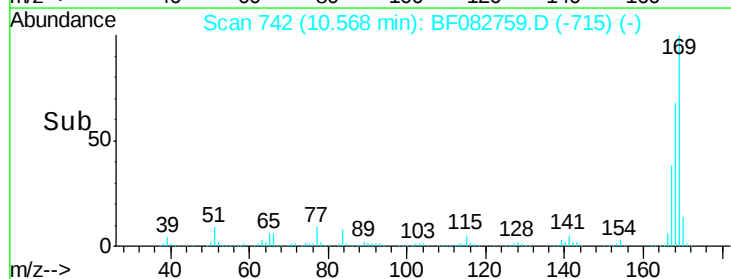
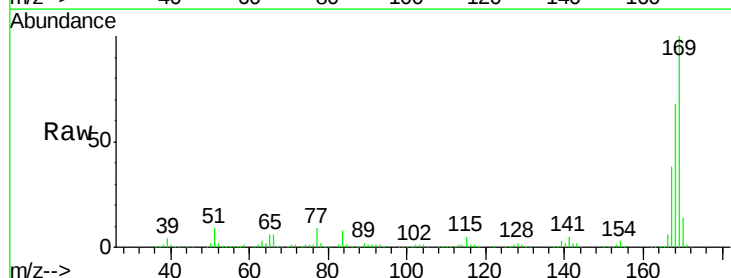
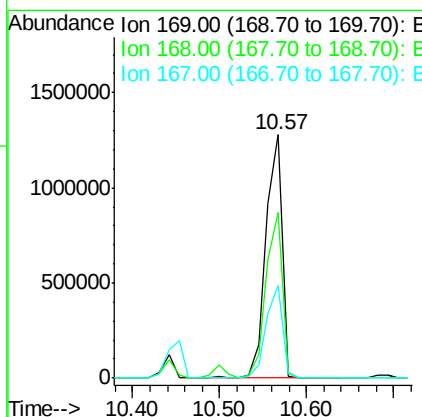
Manual Integrations
APPROVED

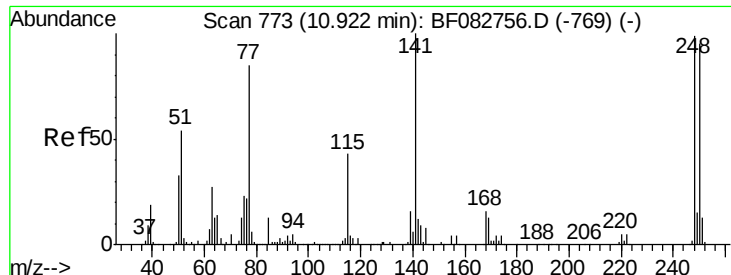
Mmdadoda
11/9/2015 2:10:11 PM



#65
n-Nitrosodiphenylamine
Concen: 77.21 ng
RT: 10.57 min Scan# 742
Delta R.T. 0.01 min
Lab File: BF082759.D
Acq: 6 Nov 2015 13:56

Tgt Ion	Ratio	Lower	Upper
169	100		
168	68.2	55.0	82.6
167	37.9	30.5	45.7





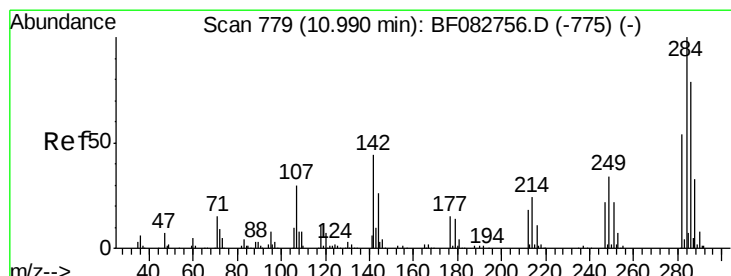
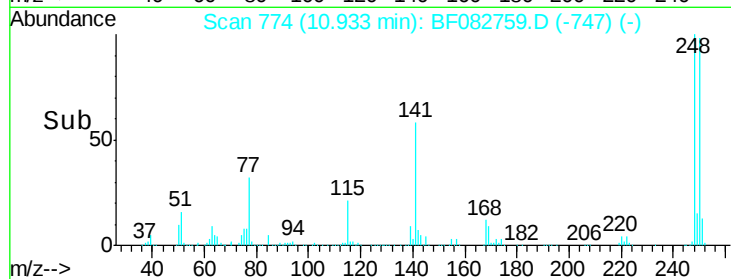
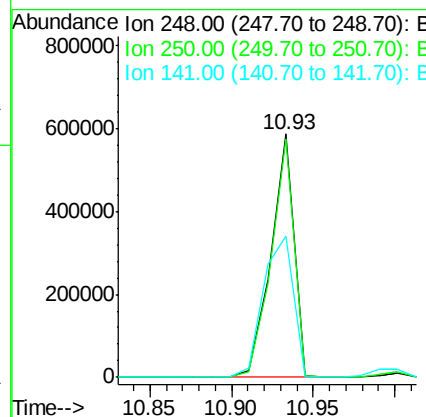
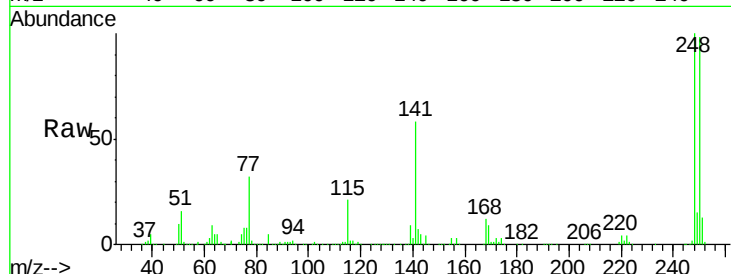
#66
4-Bromophenyl-phenylether
Concen: 82.79 ng
RT: 10.93 min Scan# 774
Delta R.T. 0.01 min
Lab File: BF082759.D
Acq: 6 Nov 2015 13:56

Instrument :
BNA_F
ClientSampleId :
SSTDIC080

Tot Ion	Ratio	Lower	Upper
248	100		
250	97.9	79.4	119.2
141	58.2	36.3	54.5#

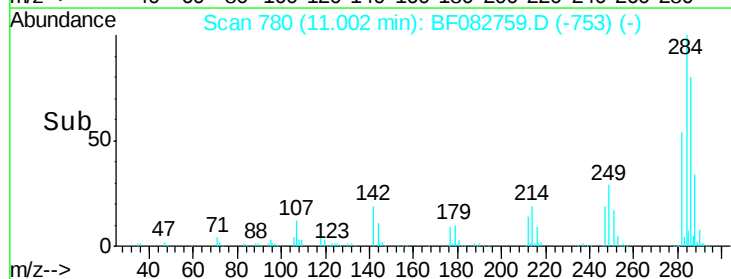
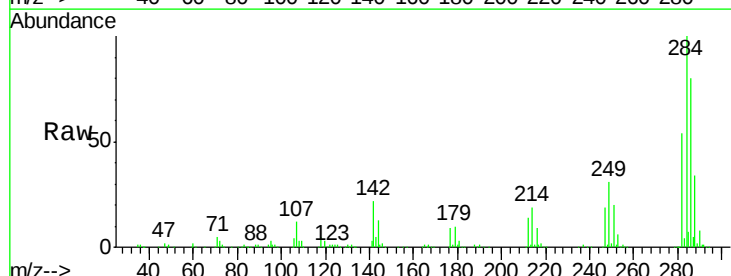
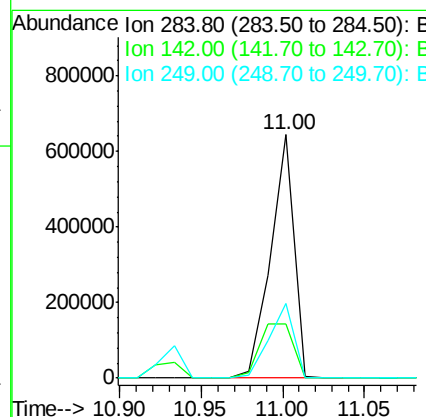
Manual Integrations
APPROVED

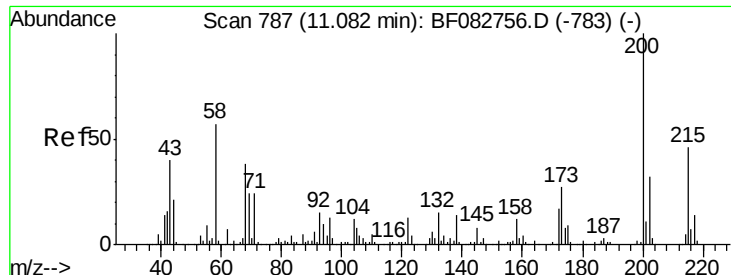
Mmdadoda
11/9/2015 2:10:11 PM



#67
Hexachlorobenzene
Concen: 83.54 ng
RT: 11.00 min Scan# 780
Delta R.T. 0.01 min
Lab File: BF082759.D
Acq: 6 Nov 2015 13:56

Tgt Ion	Ratio	Lower	Upper
284	100		
142	22.4	47.9	71.9#
249	30.9	29.7	44.5





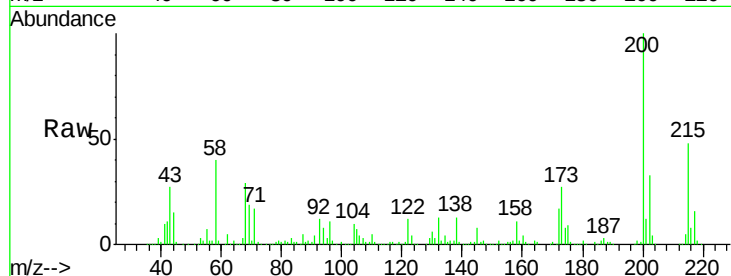
#68
Atrazine
Concen: 76.91 ng
RT: 11.09 min Scan# 788
Delta R.T. 0.01 min
Lab File: BF082759.D
Acq: 6 Nov 2015 13:56

Instrument :
BNA_F
ClientSampleId :
SSTDIC080

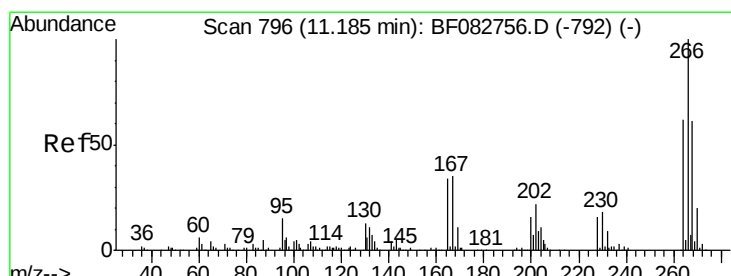
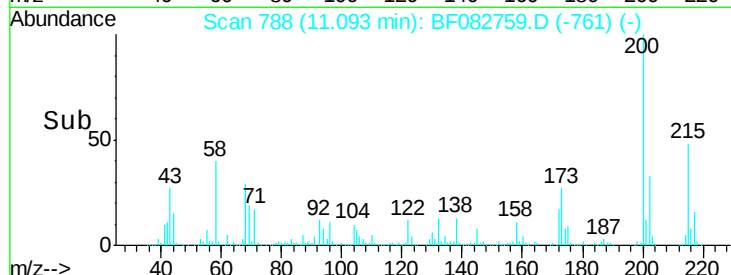
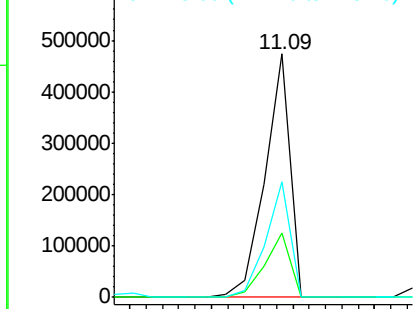
Tot Ion	Ratio	Resp Lower	Upper
200	100		
173	26.7	6.9	46.9
215	47.5	22.9	62.9

Manual Integrations
APPROVED

Mmdadoda
11/9/2015 2:10:11 PM

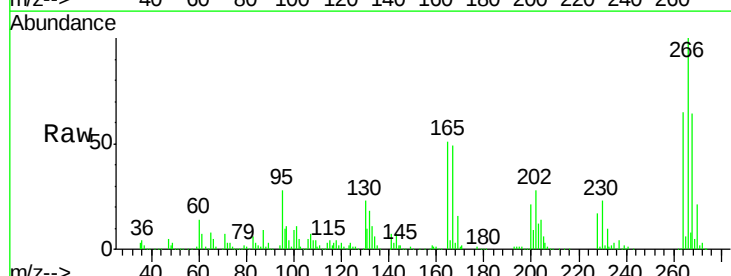


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

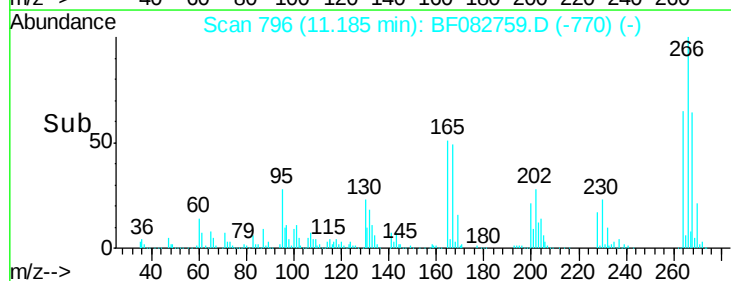
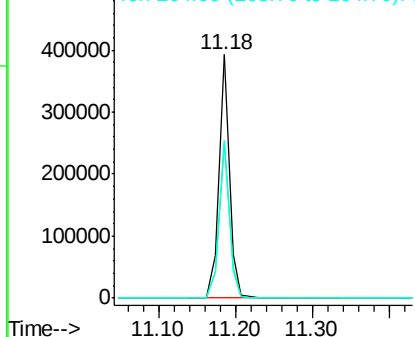


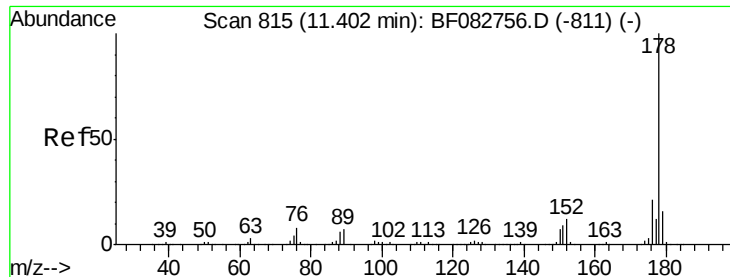
#69
Pentachlorophenol
Concen: 81.16 ng
RT: 11.18 min Scan# 796
Delta R.T. 0.00 min
Lab File: BF082759.D
Acq: 6 Nov 2015 13:56

Tgt Ion	Ratio	Resp Lower	Upper
266	100		
268	64.0	51.0	76.6
264	64.9	50.6	75.8



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: 69.00 ng

RT: 11.40 min Scan# 815

Delta R.T. 0.00 min

Lab File: BF082759.D

Acq: 6 Nov 2015 13:56

Instrument :

BNA_F

ClientSampleId :

SSTDIC080

Tot Ion:178 Resp: 2414174

Ion Ratio Lower Upper

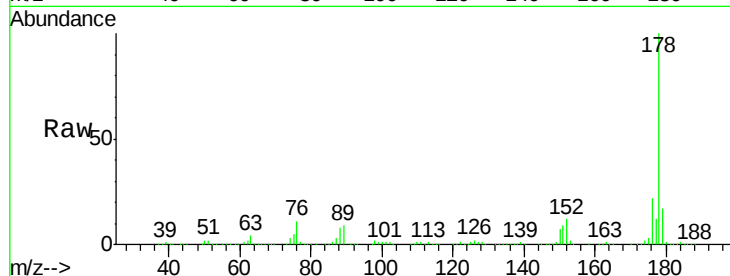
178 100

176 21.7 17.0 25.4

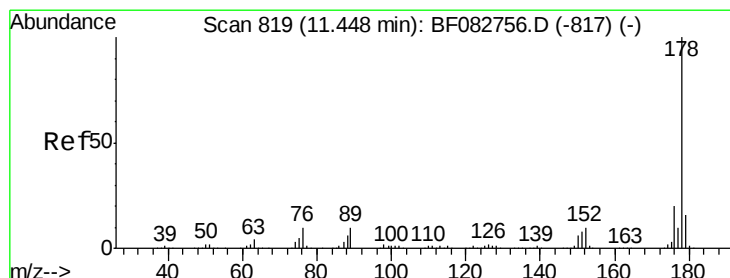
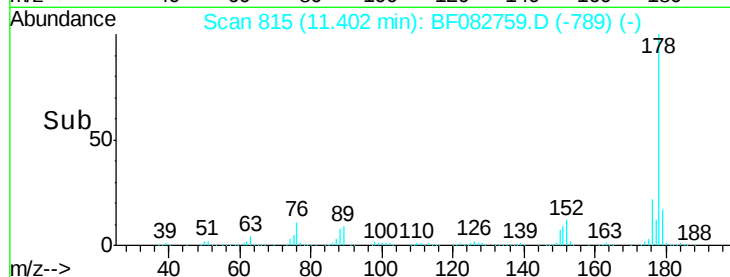
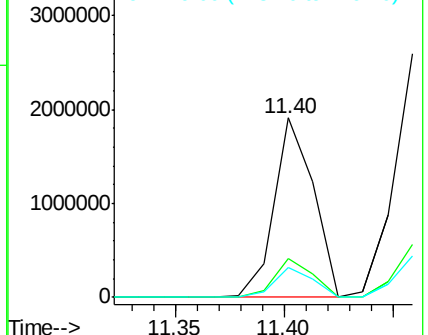
179 16.9 13.4 20.0

Manual Integrations
APPROVED

Mmdadoda
11/9/2015 2:10:11 PM



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: 68.39 ng

RT: 11.46 min Scan# 820

Delta R.T. 0.01 min

Lab File: BF082759.D

Acq: 6 Nov 2015 13:56

Tgt Ion:178 Resp: 2472665

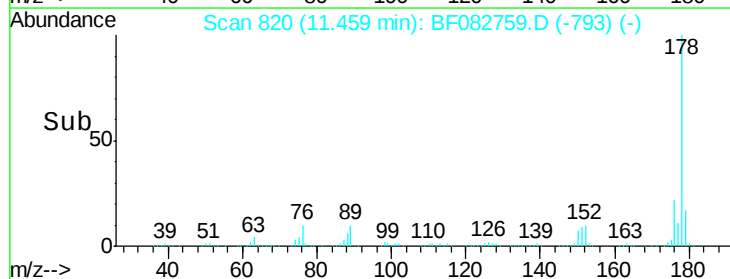
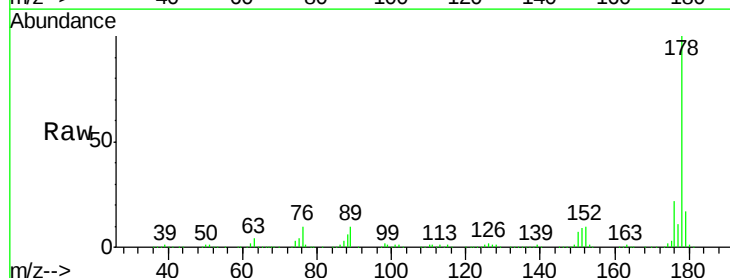
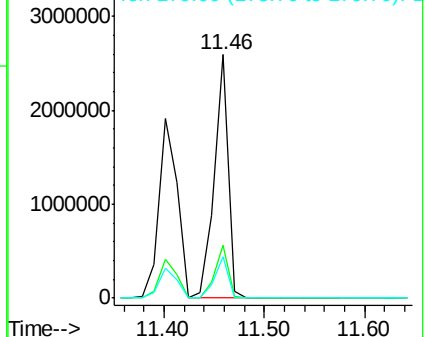
Ion Ratio Lower Upper

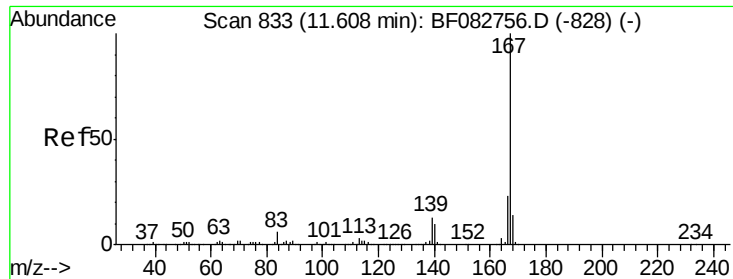
178 100

176 21.7 16.5 24.7

179 17.2 13.2 19.8

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





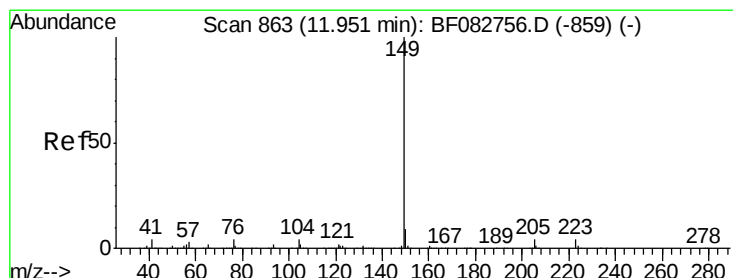
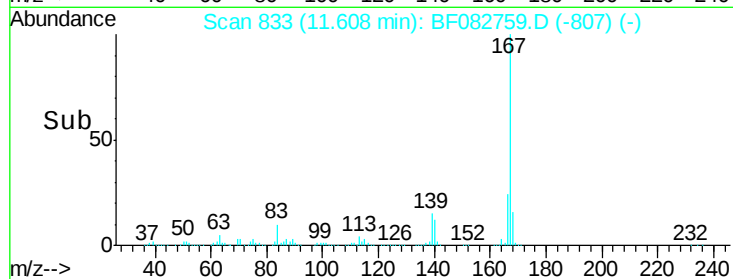
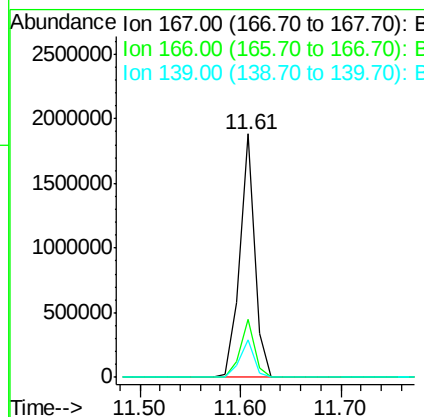
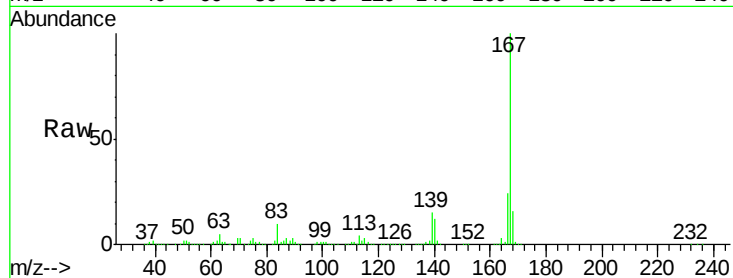
#72
 Carbazole
 Concen: 59.68 ng
 RT: 11.61 min Scan# 833
 Delta R.T. 0.00 min
 Lab File: BF082759.D
 Acq: 6 Nov 2015 13:56

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC080

Tot Ion:167 Resp: 1949528
 Ion Ratio Lower Upper
 167 100
 166 23.7 18.7 28.1
 139 15.5 11.8 17.6

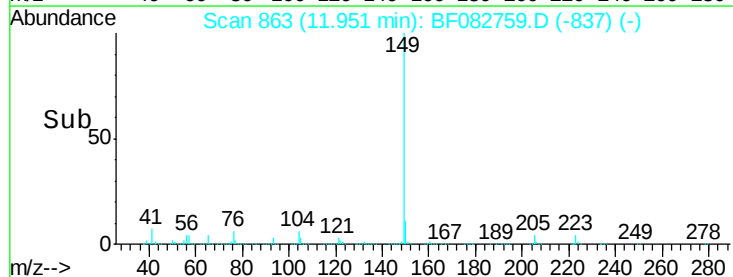
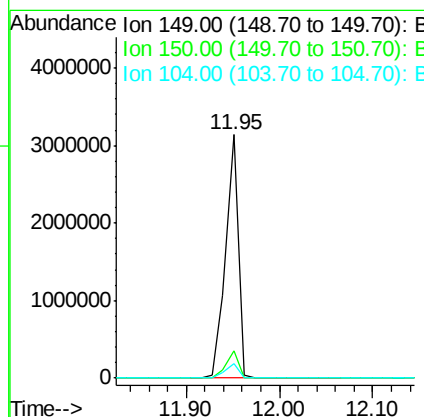
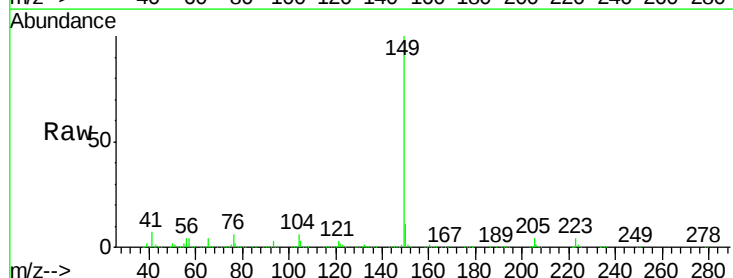
Manual Integrations
 APPROVED

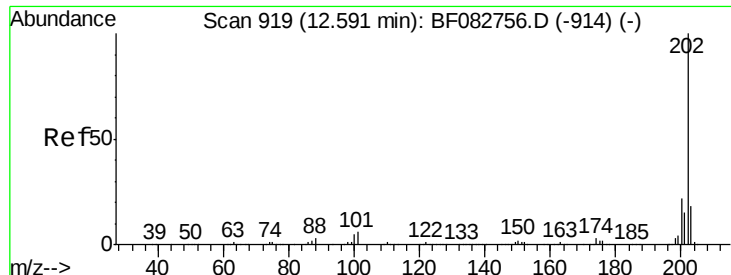
Mmdadoda
 11/9/2015 2:10:11 PM



#73
 Di-n-butylphthalate
 Concen: 75.47 ng
 RT: 11.95 min Scan# 863
 Delta R.T. 0.00 min
 Lab File: BF082759.D
 Acq: 6 Nov 2015 13:56

Tgt Ion:149 Resp: 2929784
 Ion Ratio Lower Upper
 149 100
 150 11.0 8.1 12.1
 104 5.8 5.2 7.8





#74

Fluoranthene

Concen: 63.06 ng

RT: 12.59 min Scan# 919

Delta R.T. 0.00 min

Lab File: BF082759.D

Acq: 6 Nov 2015 13:56

Instrument :

BNA_F

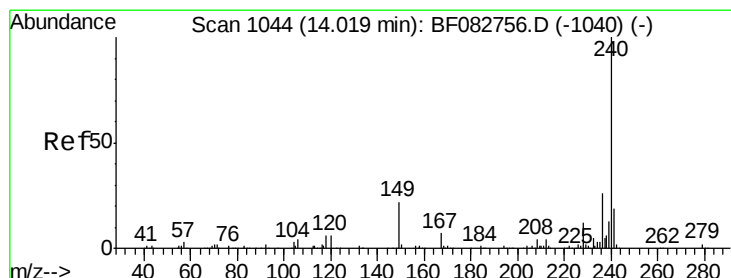
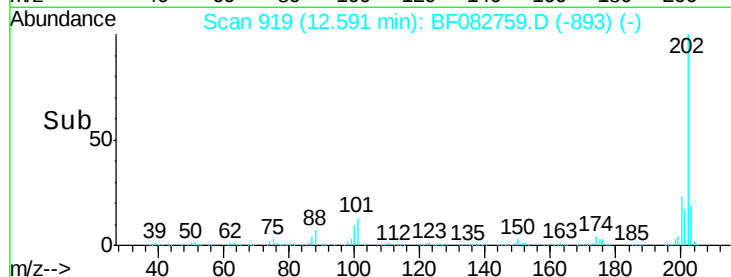
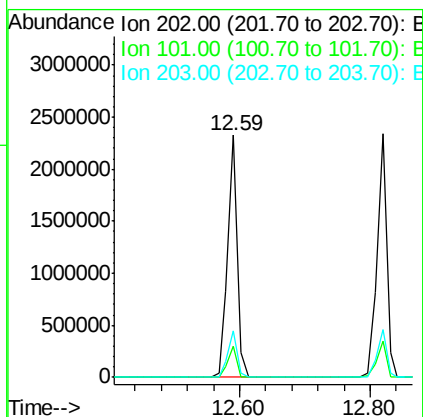
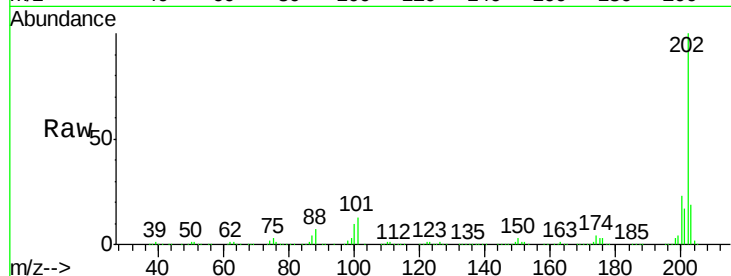
ClientSampleId :

SSTDIC080

Tot Ion:	202	Resp:	2368002
Ion Ratio	Lower	Upper	
202	100		
101	12.7	0.0	30.5
203	19.4	0.0	38.5

Manual Integrations
APPROVED

Mmdadoda
11/9/2015 2:10:11 PM



#75

Chrysene-d12

Concen: 20.00 ng

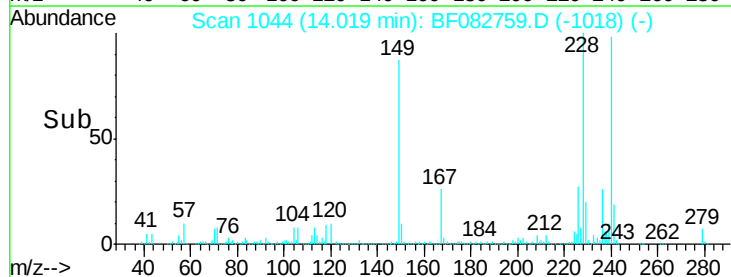
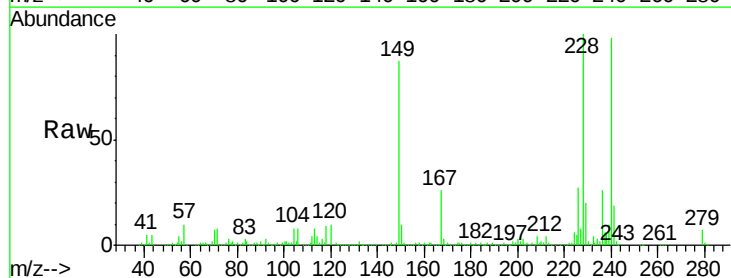
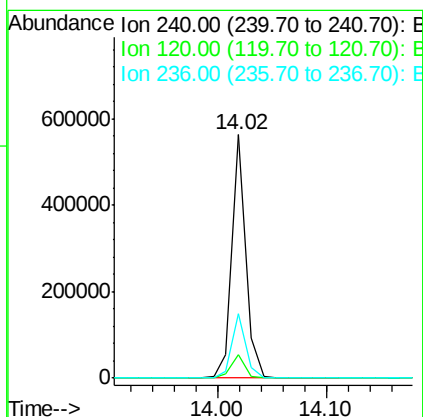
RT: 14.02 min Scan# 1044

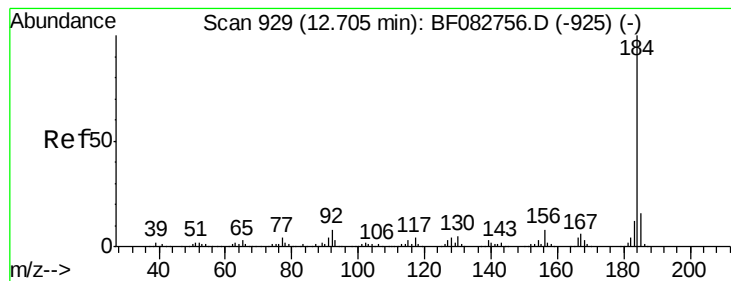
Delta R.T. 0.00 min

Lab File: BF082759.D

Acq: 6 Nov 2015 13:56

Tgt Ion:	240	Resp:	494880
Ion Ratio	Lower	Upper	
240	100		
120	9.9	10.9	16.3#
236	26.3	21.6	32.4





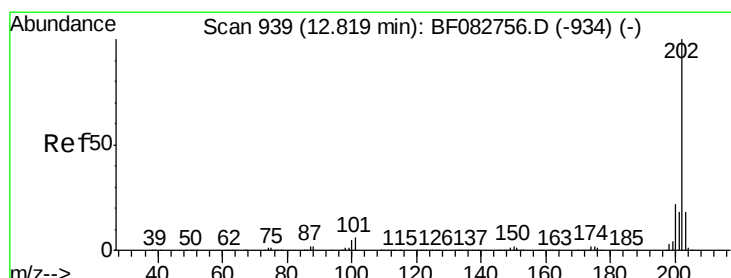
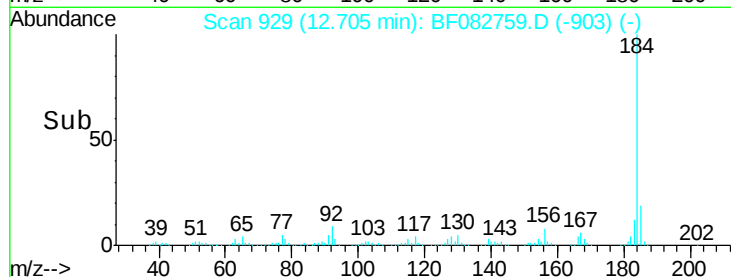
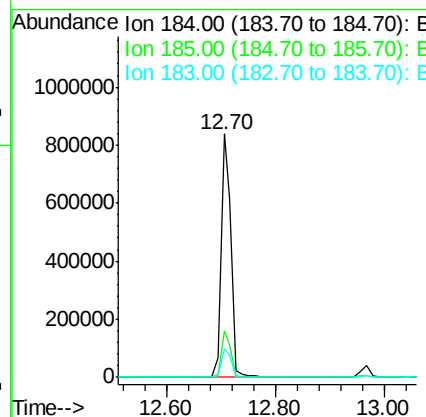
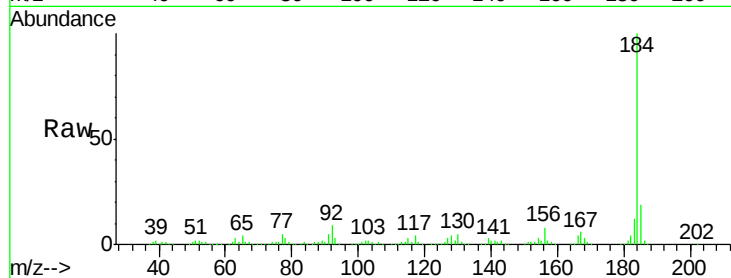
#76
Benzidine
Concen: 61.73 ng
RT: 12.70 min Scan# 929
Delta R.T. 0.00 min
Lab File: BF082759.D
Acq: 6 Nov 2015 13:56

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Tot Ion:184 Resp: 1086241
Ion Ratio Lower Upper
184 100
185 19.3 12.0 18.0#
183 12.0 9.6 14.4

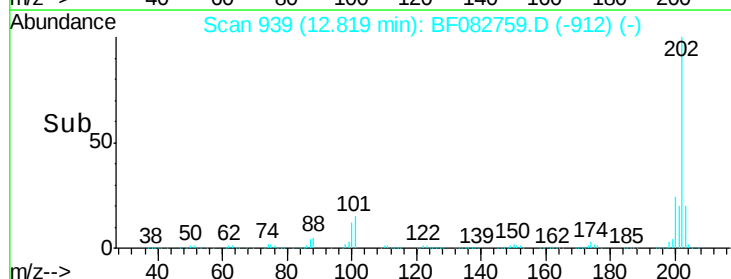
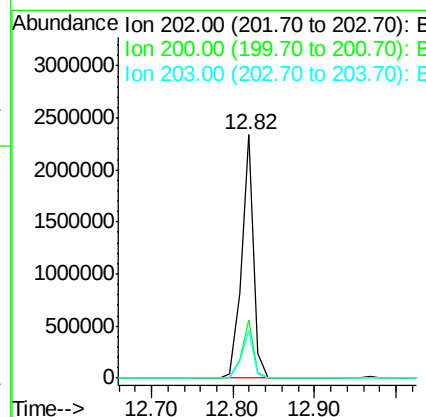
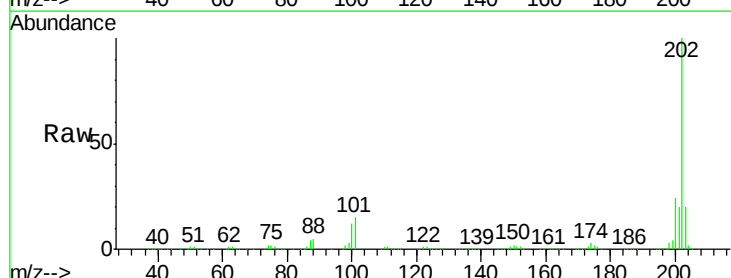
Manual Integrations
APPROVED

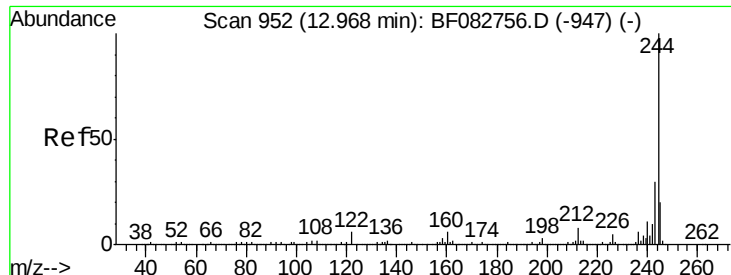
Mmdadoda
11/9/2015 2:10:11 PM



#77
Pyrene
Concen: 67.29 ng
RT: 12.82 min Scan# 939
Delta R.T. 0.01 min
Lab File: BF082759.D
Acq: 6 Nov 2015 13:56

Tgt Ion:202 Resp: 2367720
Ion Ratio Lower Upper
202 100
200 23.8 18.7 28.1
203 19.6 14.8 22.2





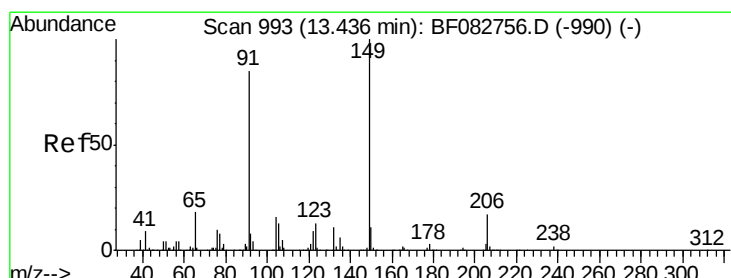
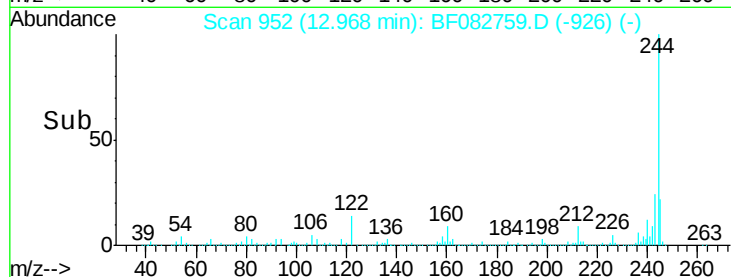
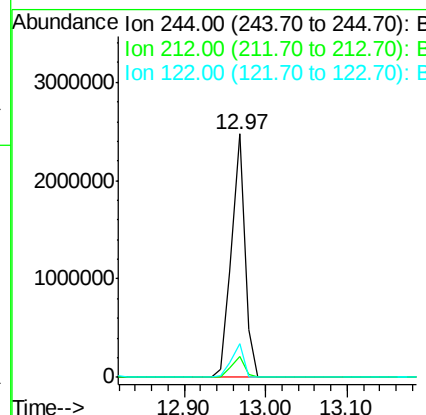
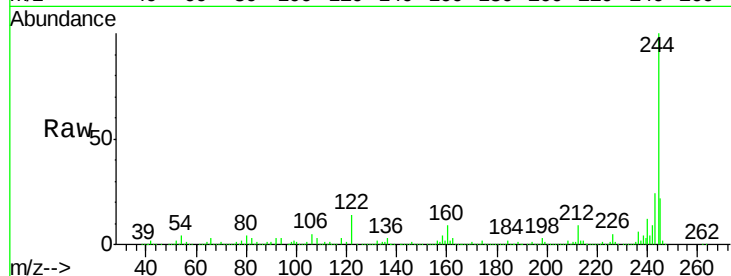
#78
 Terphenyl-d14
 Concen: 64.32 ng
 RT: 12.97 min Scan# 952
 Delta R.T. 0.00 min
 Lab File: BF082759.D
 Acq: 6 Nov 2015 13:56

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC080

Tot Ion	Ratio	Lower	Upper
244	100		
212	8.7	7.6	11.4
122	14.1	11.3	16.9

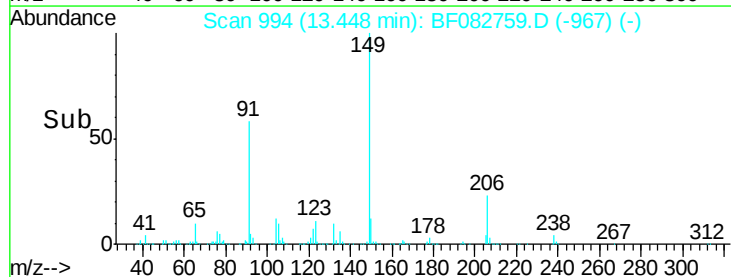
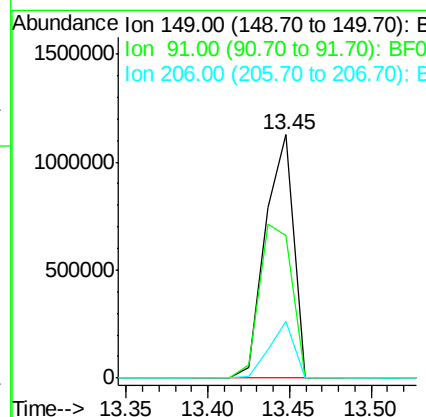
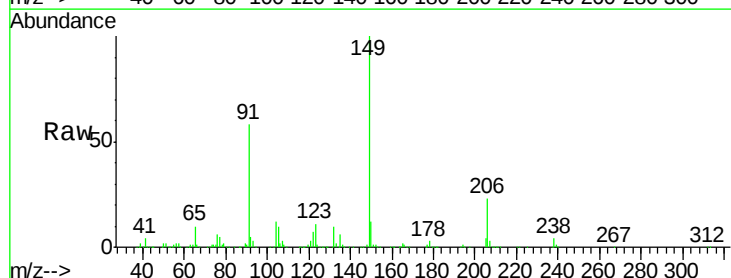
Manual Integrations
 APPROVED

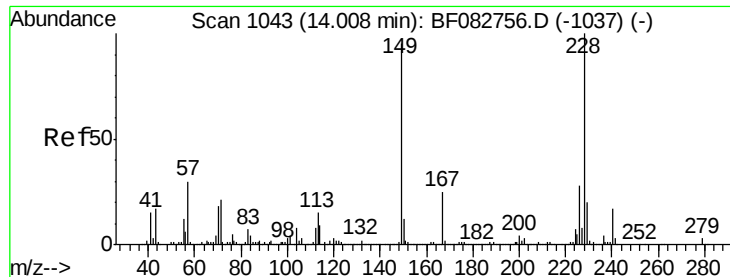
Mmdadoda
 11/9/2015 2:10:11 PM



#79
 Butylbenzylphthalate
 Concen: 91.08 ng
 RT: 13.45 min Scan# 994
 Delta R.T. 0.01 min
 Lab File: BF082759.D
 Acq: 6 Nov 2015 13:56

Tgt Ion	Ratio	Lower	Upper
149	100		
91	58.3	67.7	101.5#
206	23.4	14.6	22.0#





#80

Benzo(a)anthracene

Concen: 71.82 ng

RT: 14.01 min Scan# 1043

Delta R.T. 0.00 min

Lab File: BF082759.D

Acq: 6 Nov 2015 13:56

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

Tot Ion:228 Resp: 2300052

Ion Ratio Lower Upper

228 100

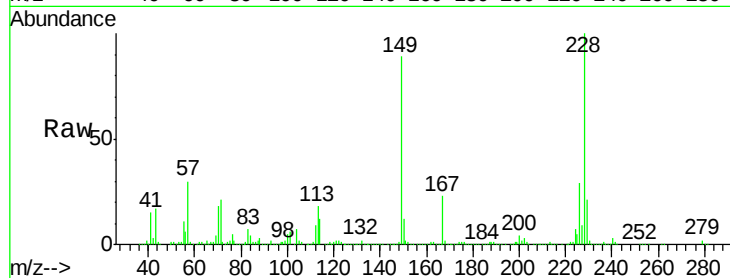
226 29.1 23.4 35.2

229 21.2 16.3 24.5

Manual Integrations
APPROVED

Mmdadoda

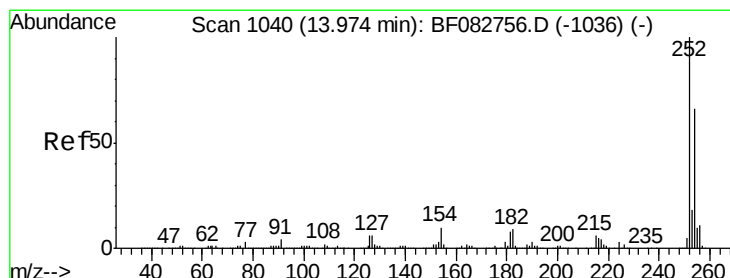
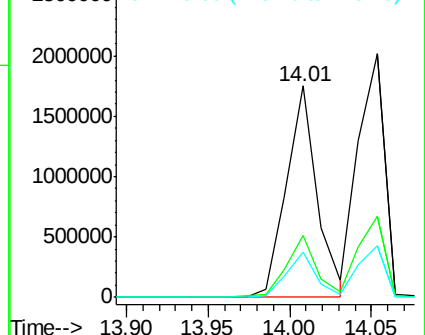
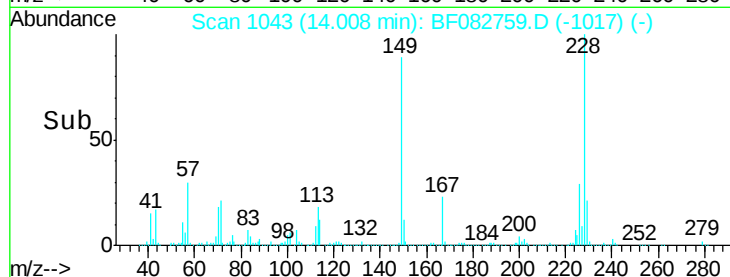
11/9/2015 2:10:11 PM



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#81

3,3'-Dichlorobenzidine

Concen: 65.35 ng

RT: 13.97 min Scan# 1040

Delta R.T. 0.01 min

Lab File: BF082759.D

Acq: 6 Nov 2015 13:56

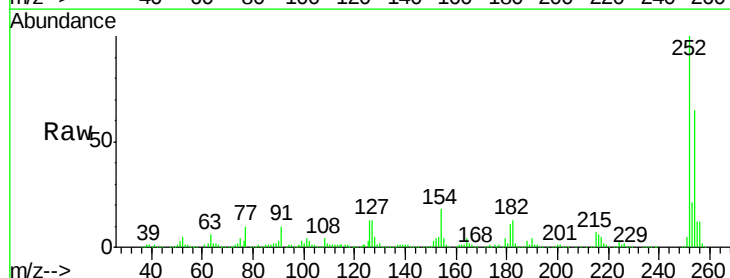
Tgt Ion:252 Resp: 740923

Ion Ratio Lower Upper

252 100

254 64.8 51.4 77.0

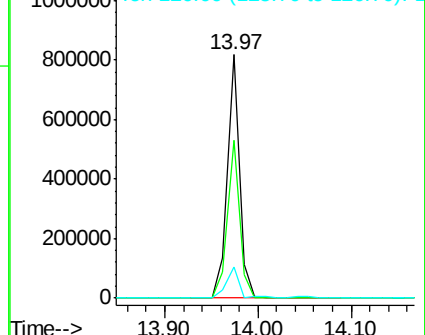
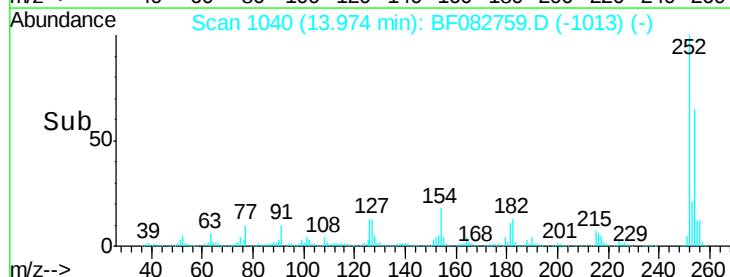
126 13.0 10.7 16.1

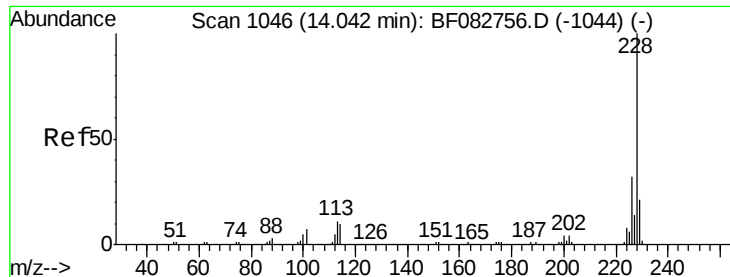


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#82

Chrysene

Concen: 79.56 ng

RT: 14.05 min Scan# 1047

Delta R.T. 0.01 min

Lab File: BF082759.D

Acq: 6 Nov 2015 13:56

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

Tot Ion:228 Resp: 2311706

Ion Ratio Lower Upper

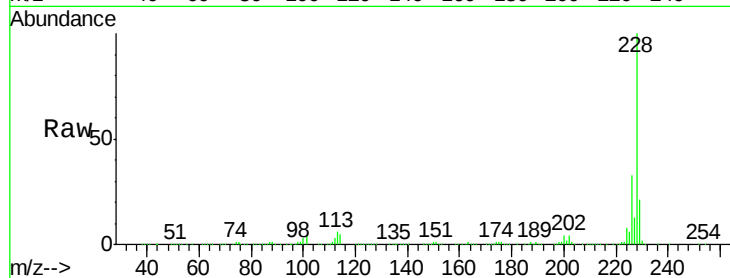
228 100

226 33.2 25.5 38.3

229 21.1 16.3 24.5

Manual Integrations
APPROVED

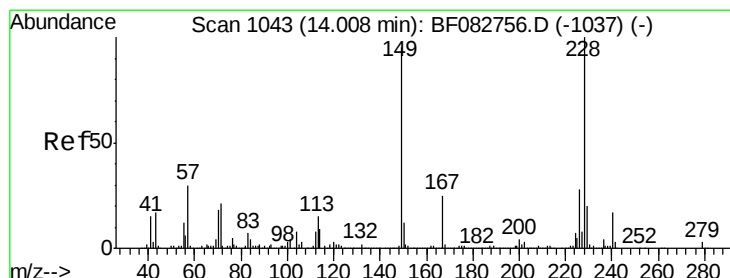
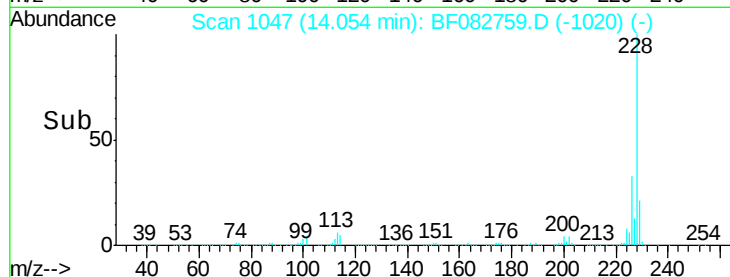
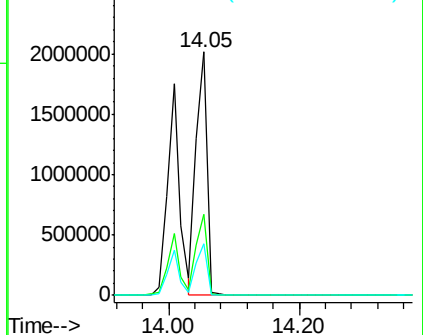
Mmdadoda
11/9/2015 2:10:11 PM



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#83

Bis(2-ethylhexyl)phthalate

Concen: 74.46 ng

RT: 14.01 min Scan# 1043

Delta R.T. 0.00 min

Lab File: BF082759.D

Acq: 6 Nov 2015 13:56

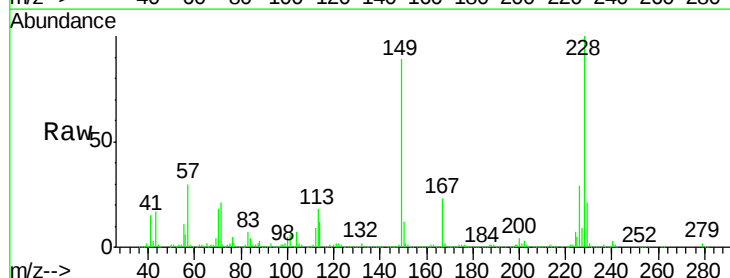
Tgt Ion:149 Resp: 1559489

Ion Ratio Lower Upper

149 100

167 26.0 21.2 31.8

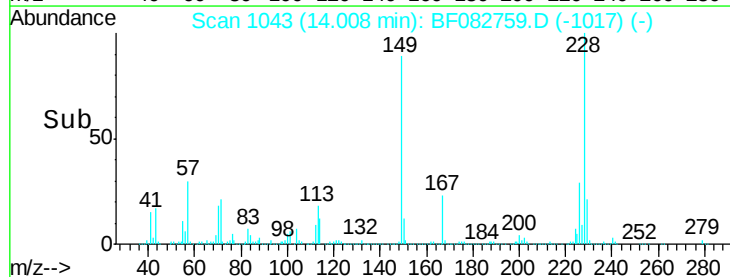
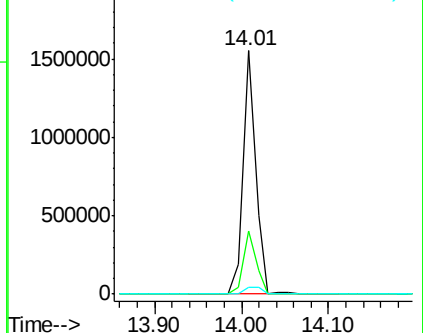
279 2.7 2.2 3.2

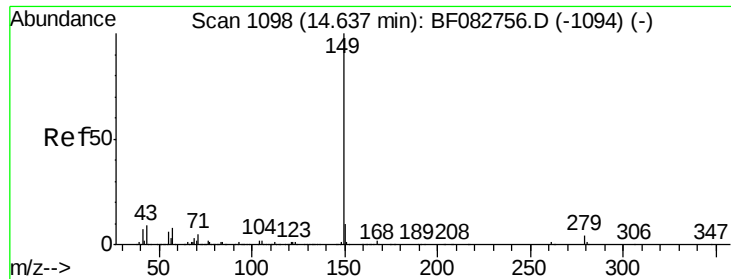


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





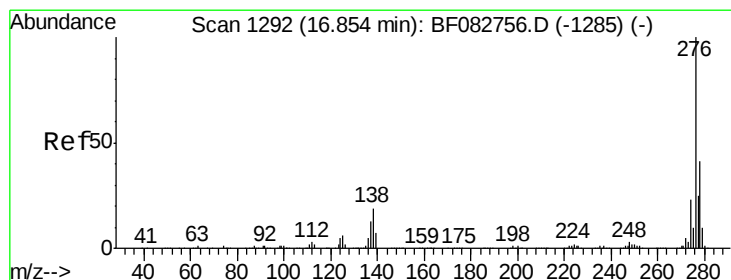
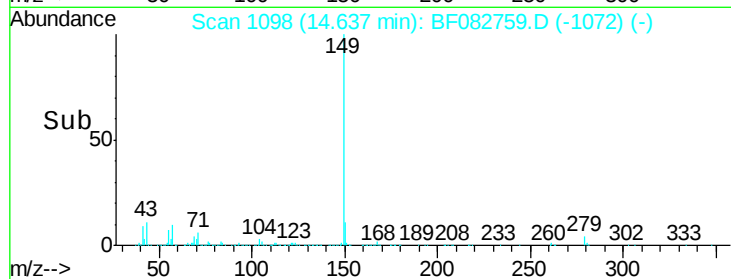
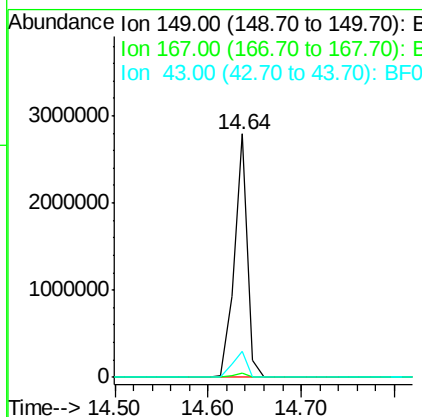
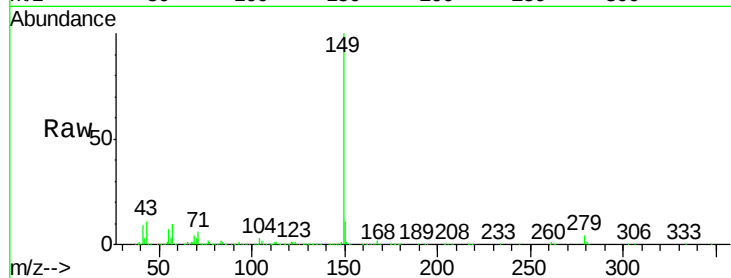
#84
Di-n-octyl phthalate
Concen: 77.71 ng
RT: 14.64 min Scan# 1098
Delta R.T. 0.00 min
Lab File: BF082759.D
Acq: 6 Nov 2015 13:56

Instrument :
BNA_F
ClientSampleId :
SSTDIC080

Tot Ion:149 Resp: 2714408
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 11.9 10.1 15.1

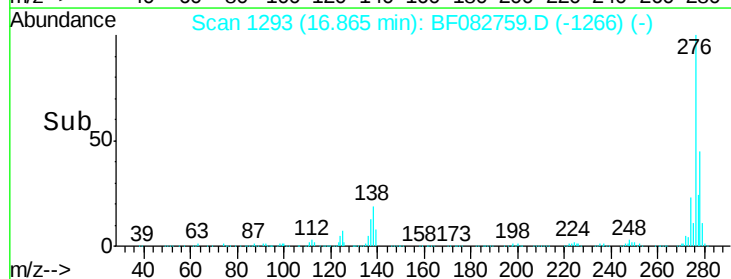
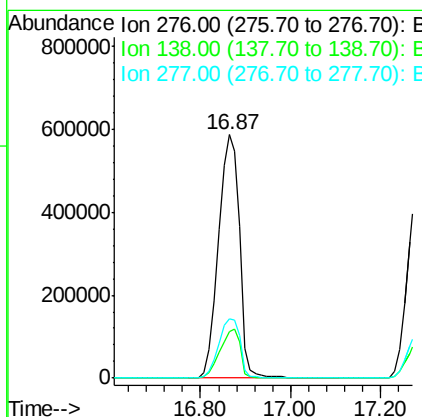
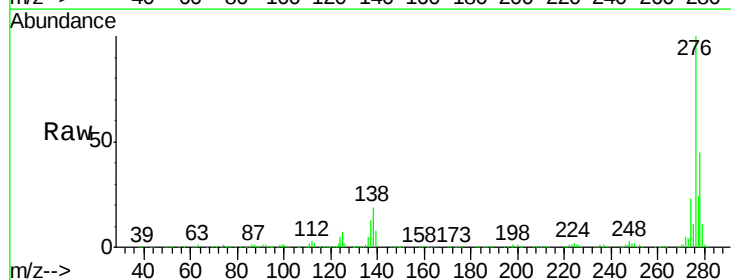
Manual Integrations
APPROVED

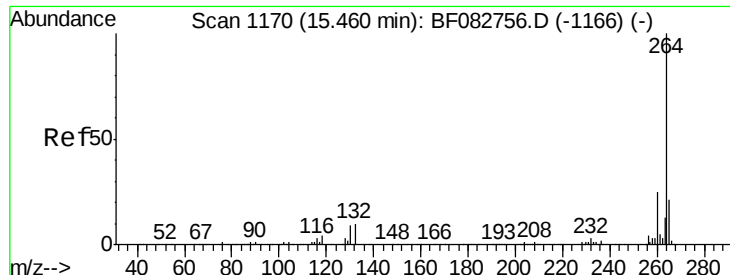
Mmdadoda
11/9/2015 2:10:11 PM



#85
Indeno(1,2,3-cd)pyrene
Concen: 76.97 ng
RT: 16.87 min Scan# 1293
Delta R.T. 0.01 min
Lab File: BF082759.D
Acq: 6 Nov 2015 13:56

Tgt Ion:276 Resp: 1908511
Ion Ratio Lower Upper
276 100
138 19.4 15.3 22.9
277 25.0 20.2 30.4





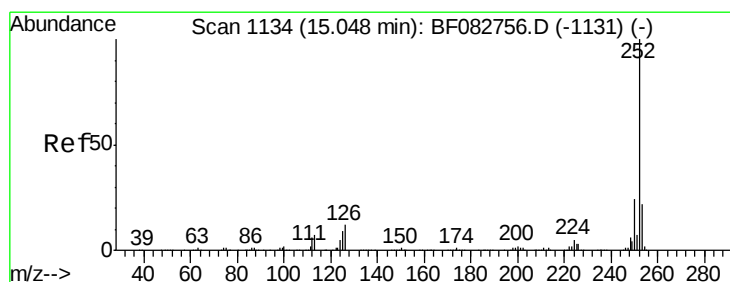
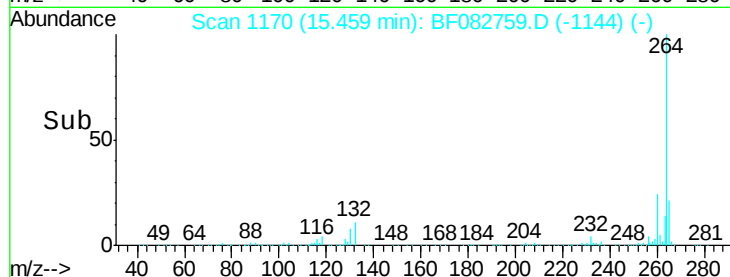
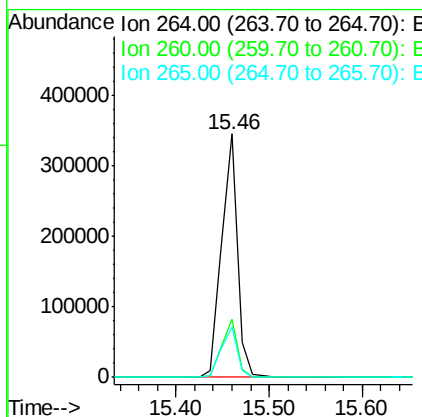
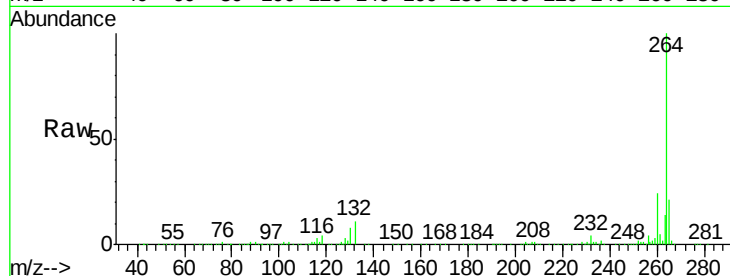
#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.46 min Scan# 1170
Delta R.T. 0.00 min
Lab File: BF082759.D
Acq: 6 Nov 2015 13:56

Instrument :
BNA_F
ClientSampleId :
SSTDIC080

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.8	29.6
265	20.9	17.4	26.0

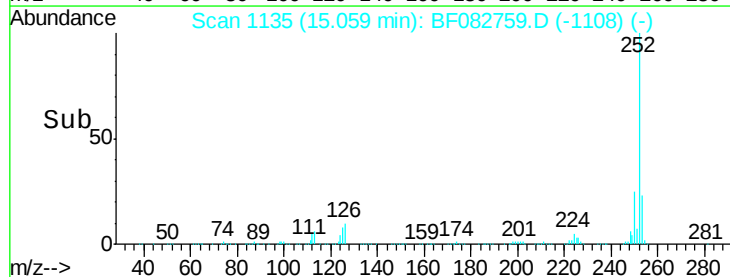
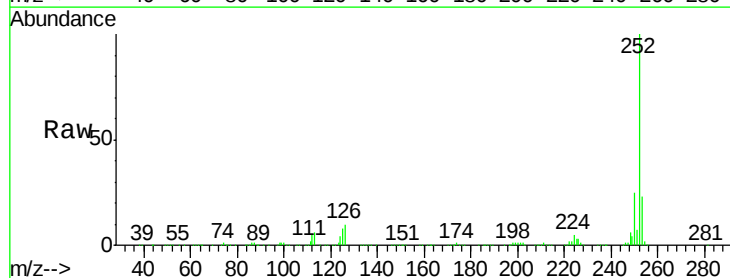
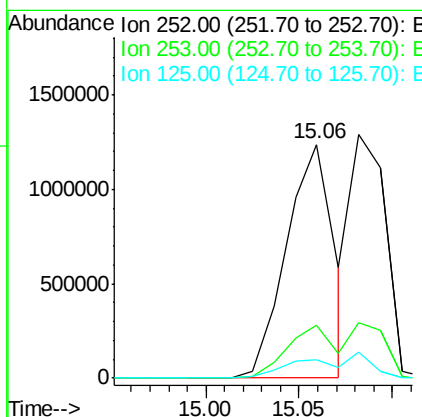
Manual Integrations
APPROVED

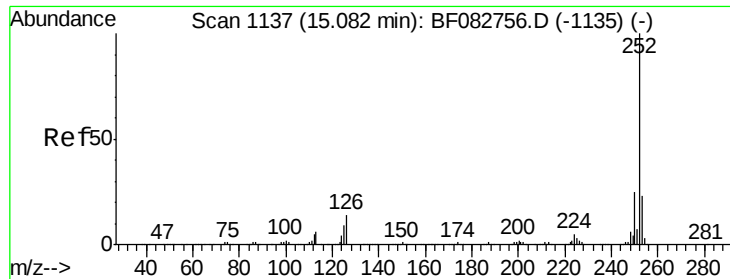
Mmdadoda
11/9/2015 2:10:11 PM



#87
Benzo(b)fluoranthene
Concen: 85.55 ng
RT: 15.06 min Scan# 1135
Delta R.T. 0.01 min
Lab File: BF082759.D
Acq: 6 Nov 2015 13:56

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.8	26.8
125	7.9	5.4	8.2





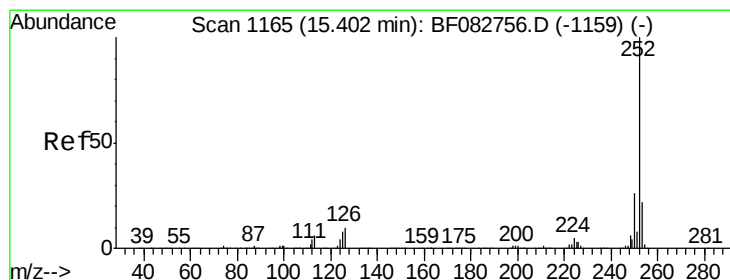
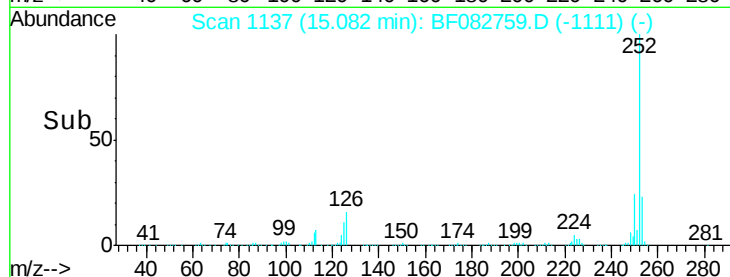
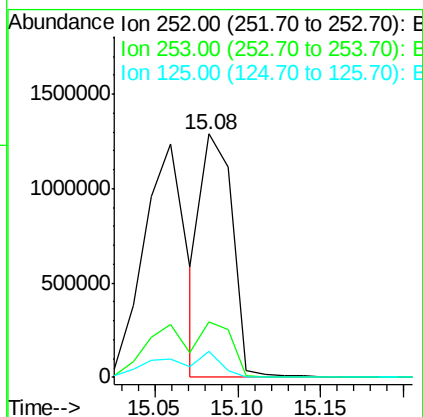
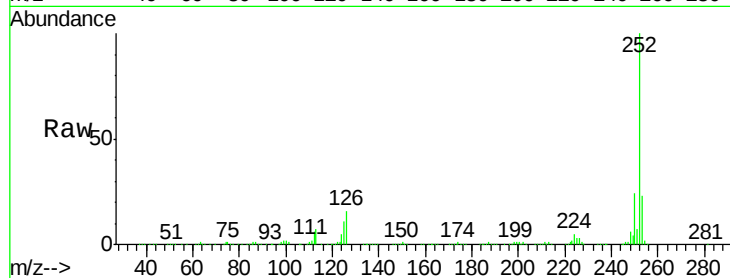
#88
Benzo(k)fluoranthene
Concen: 71.35 ng m
RT: 15.08 min Scan# 1137
Delta R.T. 0.00 min
Lab File: BF082759.D
Acq: 6 Nov 2015 13:56

Instrument :
BNA_F
ClientSampleId :
SSTDIC080

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.9	26.9
125	10.6	3.5	5.3

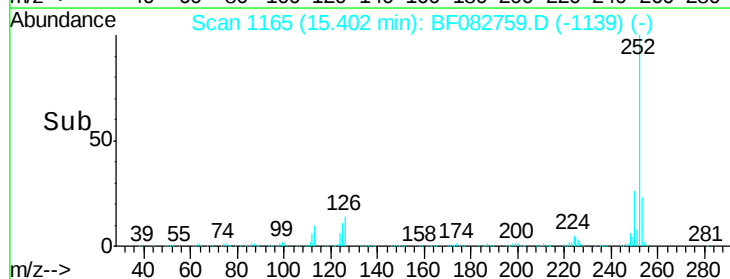
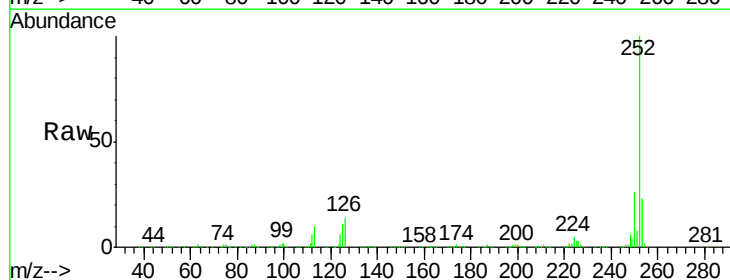
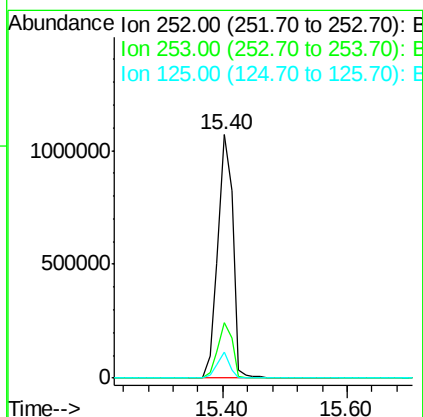
Manual Integrations
APPROVED

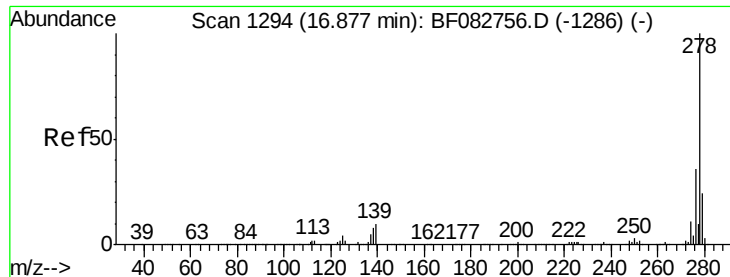
Mmdadoda
11/9/2015 2:10:11 PM



#89
Benzo(a)pyrene
Concen: 77.72 ng
RT: 15.40 min Scan# 1165
Delta R.T. 0.00 min
Lab File: BF082759.D
Acq: 6 Nov 2015 13:56

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.9	17.3	25.9
125	10.7	7.1	10.7





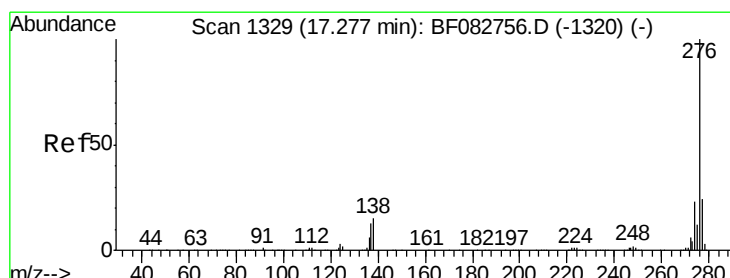
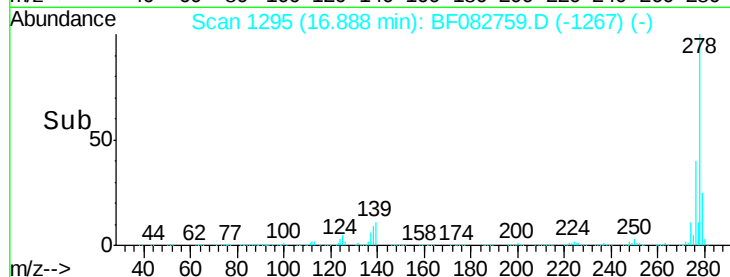
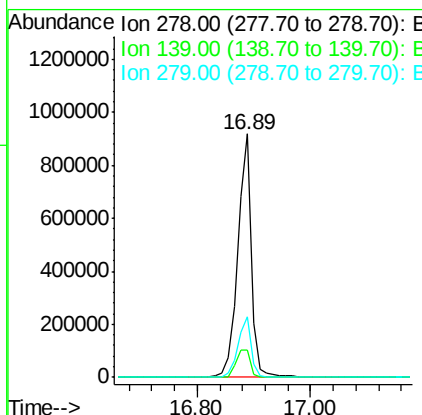
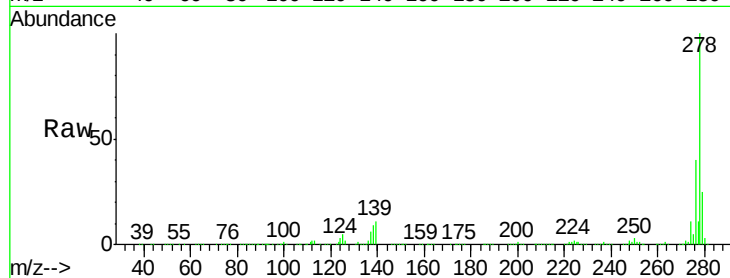
#90
Dibenzo(a,h)anthracene
Concen: 81.77 ng
RT: 16.89 min Scan# 1295
Delta R.T. 0.02 min
Lab File: BF082759.D
Acq: 6 Nov 2015 13:56

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Tot Ion	Ratio	Lower	Upper
278	100		
139	11.4	9.9	14.9
279	24.7	19.6	29.4

Manual Integrations
APPROVED

Mmdadoda
11/9/2015 2:10:11 PM



#91
Benzo(g,h,i)perylene
Concen: 83.20 ng
RT: 17.29 min Scan# 1330
Delta R.T. 0.02 min
Lab File: BF082759.D
Acq: 6 Nov 2015 13:56

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.6	19.2	28.8
138	17.5	13.1	19.7

