

Data Path : Z:\HPCHEM1\BNA F\DATA\BF112217\
 Data File : BF100821.D
 Acq On : 22 Nov 2017 12:51
 Operator : SJ/JU
 Sample : I6310-05MS 10X
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 AU-05-112017-AMS

Manual Integrations
 APPROVED

Sohil
 11/27/2017 3:19:27 PM

Quant Time: Nov 22 18:19:57 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110817.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 17 15:22:08 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	73485	20.00	ng	0.00
21) Naphthalene-d8	8.15	136	273567	20.00	ng	-0.02
38) Acenaphthene-d10	9.91	164	111560	20.00	ng	-0.01
63) Phenanthrene-d10	11.39	188	172120	20.00	ng	-0.01
75) Chrysene-d12	14.03	240	173449	20.00	ng	-0.01
86) Perylene-d12	15.51	264	167800	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.48	112	54481	11.88	ng	-0.01
7) Phenol-d6	6.49	99	65616	11.61	ng	-0.02
23) Nitrobenzene-d5	7.43	82	36924	8.92	ng	-0.02
41) 2,4,6-Tribromophenol	10.69	330	12040	10.59	ng	-0.02
44) 2-Fluorobiphenyl	9.23	172	81739	11.16	ng	-0.01
78) Terphenyl-d14	12.98	244	60248	7.98	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.65	88	5704	2.553	ng	97
3) Pyridine	3.49	79	13567m	2.226	ng	
4) n-Nitrosodimethylamine	3.38	42	8169	2.761	ng	# 83
8) 2-Chlorophenol	6.65	128	17936	3.698	ng	98
10) Phenol	6.50	94	24861	4.189	ng	97
11) bis(2-Chloroethyl)ether	6.60	93	17232	3.457	ng	97
12) 1,3-Dichlorobenzene	6.81	146	20628	3.689	ng	97
13) 1,4-Dichlorobenzene	6.89	146	20426	3.609	ng	97
14) 1,2-Dichlorobenzene	7.04	146	19674	3.760	ng	95
15) Benzyl Alcohol	7.00	79	14860	3.368	ng	100
16) 2,2'-oxybis(1-Chloropropan	7.15	45	27624	3.465	ng	98
17) 2-Methylphenol	7.12	107	14457	3.488	ng	98
18) Hexachloroethane	7.38	117	5981	3.205	ng	91
19) n-Nitroso-di-n-propylamine	7.27	70	12228	3.119	ng	91
20) 3+4-Methylphenols	7.27	107	18406	3.510	ng	# 76
22) Acetophenone	7.27	105	26749	4.010	ng	96
24) Nitrobenzene	7.45	77	16863	3.959	ng	97
25) Isophorone	7.69	82	31223	3.591	ng	98
26) 2-Nitrophenol	7.77	139	8543	9.178	ng	100
27) 2,4-Dimethylphenol	7.80	122	15202	3.900	ng	94
28) bis(2-Chloroethoxy)methane	7.90	93	20357	3.579	ng	99
29) 2,4-Dichlorophenol	8.01	162	14624	3.930	ng	96
30) 1,2,4-Trichlorobenzene	8.09	180	16013	3.978	ng	96
31) Naphthalene	8.17	128	52963	4.020	ng	98
32) Benzoic acid	7.87	122	1690	9.826	ng	# 62
34) Hexachlorobutadiene	8.29	225	9629	4.023	ng	92
35) Caprolactam	8.55	113	4260	3.336	ng	93
36) 4-Chloro-3-methylphenol	8.70	107	13855	3.467	ng	92
37) 2-Methylnaphthalene	8.86	142	38121	4.358	ng	98
39) 1,2,4,5-Tetrachlorobenzene	9.03	216	15987	4.321	ng	# 94
42) 2,4,6-Trichlorophenol	9.14	196	9597	4.093	ng	98
43) 2,4,5-Trichlorophenol	9.18	196	10011	4.121	ng	92
45) 1,1'-Biphenyl	9.33	154	41336	4.284	ng	97
46) 2-Chloronaphthalene	9.35	162	30276	4.325	ng	96

Data Path : Z:\HPCHEM1\BNA F\DATA\BF112217\
 Data File : BF100821.D
 Acq On : 22 Nov 2017 12:51
 Operator : SJ/JU
 Sample : I6310-05MS 10X
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 AU-05-112017-AMS

Manual Integrations
 APPROVED

Sohil
 11/27/2017 3:19:27 PM

Quant Time: Nov 22 18:19:57 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110817.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 17 15:22:08 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
47) 2-Nitroaniline	9.45	65	8463	6.638	nq	84
48) Acenaphthylene	9.77	152	45389	3.913	nq	98
49) Dimethylphthalate	9.62	163	40056	4.703	nq #	98
50) 2,6-Dinitrotoluene	9.69	165	7025	4.167	nq #	85
51) Acenaphthene	9.94	154	25866	3.666	nq	98
52) 3-Nitroaniline	9.86	138	4926	2.474	nq #	92
54) Dibenzofuran	10.11	168	39804	4.025	nq	95
55) 4-Nitrophenol	10.02	139	7720	4.775	nq	96
56) 2,4-Dinitrotoluene	10.09	165	8133	3.824	nq #	85
57) Fluorene	10.46	166	30303	4.183	nq	97
58) 2,3,4,6-Tetrachlorophenol	10.23	232	6202	3.115	nq #	90
59) Diethylphthalate	10.32	149	32737	3.841	nq	95
60) 4-Chlorophenyl-phenylether	10.45	204	14683	4.132	nq	90
61) 4-Nitroaniline	10.46	138	5344	2.831	nq	84
62) Azobenzene	10.60	77	26579	3.311	nq	93
64) 4,6-Dinitro-2-methylphenol	10.50	198	182	8.742	nq #	66
65) n-Nitrosodiphenylamine	10.56	169	29270	4.891	nq	91
66) 4-Bromophenyl-phenylether	10.94	248	8277	4.486	nq #	80
67) Hexachlorobenzene	11.00	284	8235	4.267	nq #	84
68) Atrazine	11.09	200	7636	4.215	nq	97
69) Pentachlorophenol	11.20	266	6172	4.460	nq	92
70) Phenanthrene	11.42	178	41034	4.528	nq	98
71) Anthracene	11.47	178	36505	3.970	nq	98
72) Carbazole	11.62	167	32522	3.834	nq	99
73) Di-n-butylphthalate	11.95	149	40987	4.129	nq	98
74) Fluoranthene	12.61	202	42470	4.422	nq	96
77) Pyrene	12.84	202	44198	3.575	nq	98
79) Butylbenzylphthalate	13.45	149	17228	3.417	nq #	95
80) Benzo(a)anthracene	14.02	228	43488	4.164	nq	98
82) Chrysene	14.06	228	43827	4.333	nq	96
83) Bis(2-ethylhexyl)phthalate	14.00	149	24018	3.622	nq #	94
84) Di-n-octyl phthalate	14.62	149	46222	4.057	nq #	99
85) Indeno(1,2,3-cd)pyrene	16.99	276	31324	3.829	nq	96
87) Benzo(b)fluoranthene	15.07	252	40520	4.076	nq	95
88) Benzo(k)fluoranthene	15.10	252	39561	4.212	nq	96
89) Benzo(a)pyrene	15.44	252	36565	4.149	nq #	96
90) Dibenzo(a,h)anthracene	17.01	278	26064	3.616	nq #	94
91) Benzo(g,h,i)perylene	17.44	276	25083	3.555	nq #	92

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

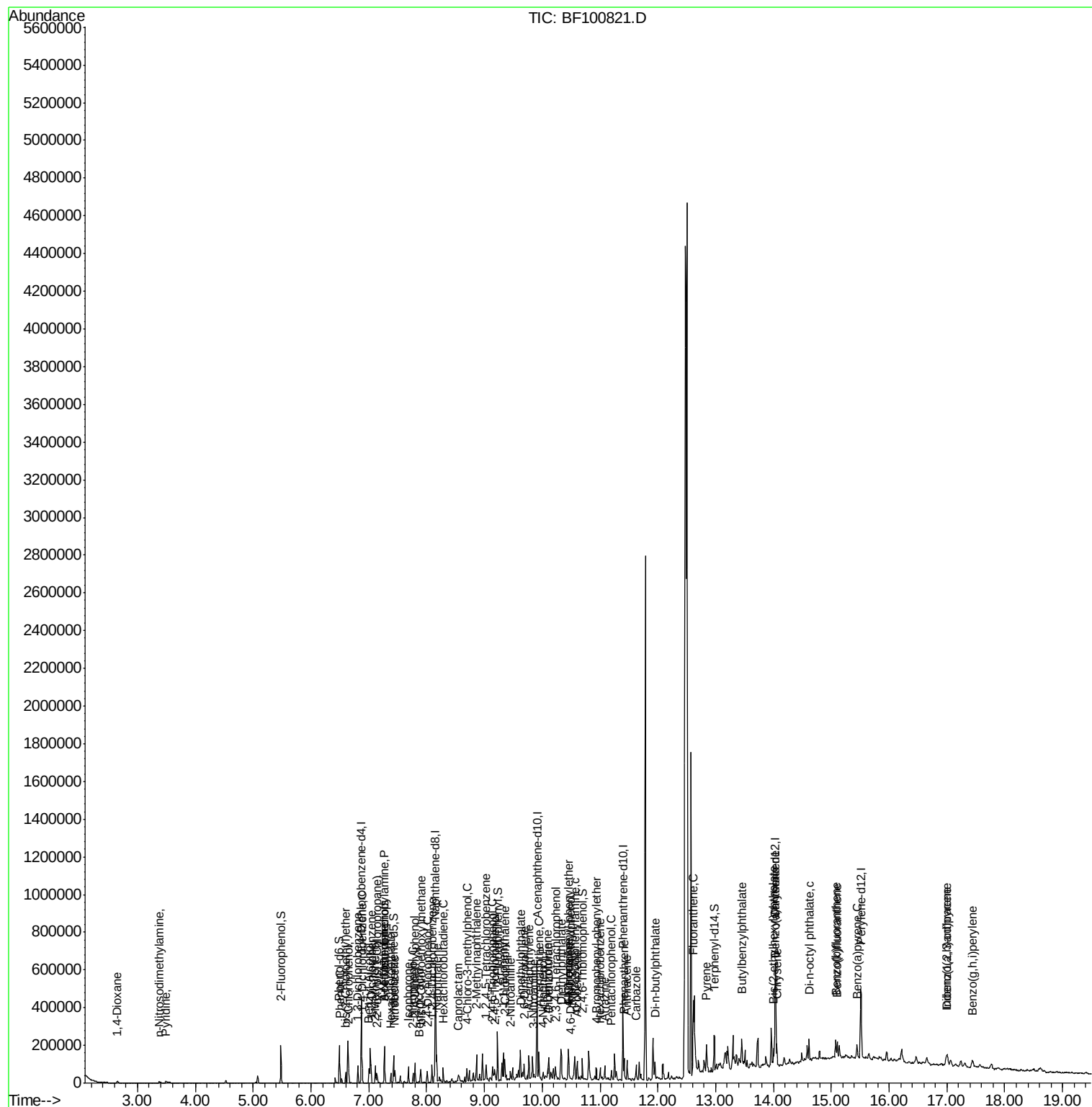
Data Path : Z:\HPCHEM1\BNA F\DATA\BF112217\
 Data File : BF100821.D
 Acq On : 22 Nov 2017 12:51
 Operator : SJ/JU
 Sample : I6310-05MS 10X
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

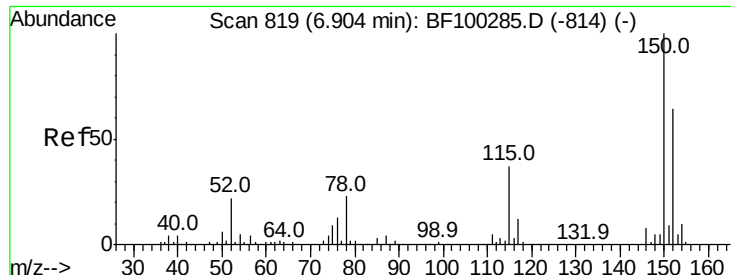
Instrument :
 BNA_F
 ClientSampleId :
 AU-05-112017-AMS

Manual Integrations
 APPROVED

Sohil
 11/27/2017 3:19:27 PM

Quant Time: Nov 22 18:19:57 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110817.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 17 15:22:08 2017
 Response via : Initial Calibration





#1

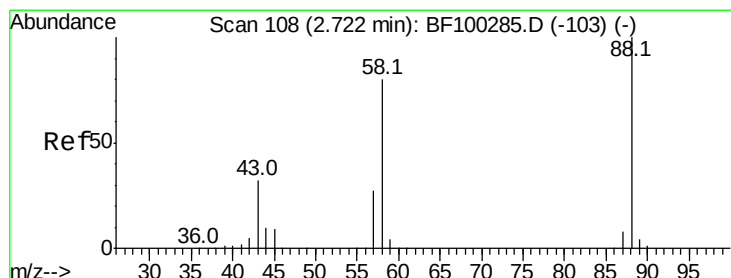
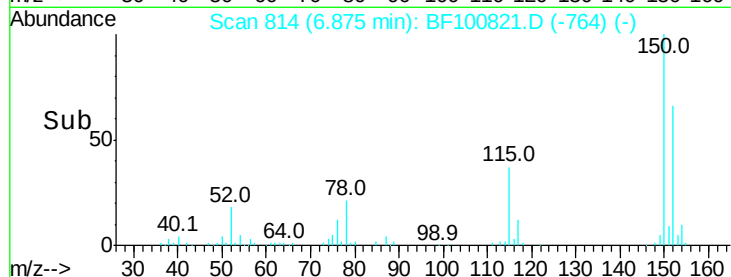
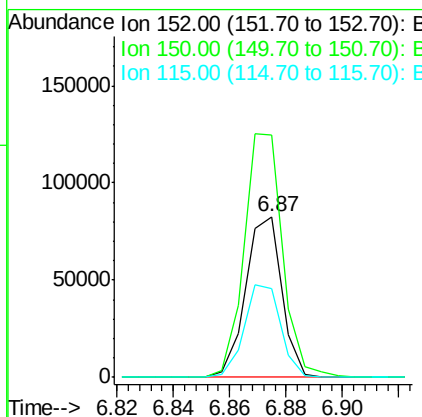
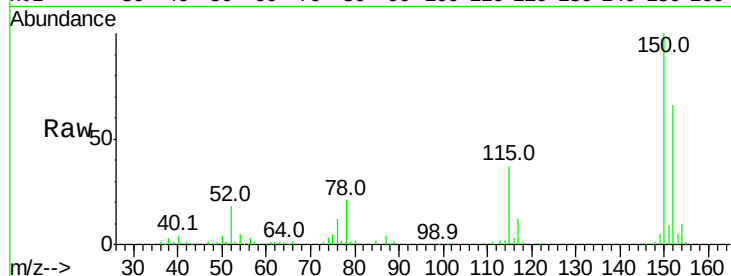
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.87 min Scan# 814
Delta R.T. -0.01 min
Lab File: BF100821.D
Acq: 22 Nov 2017 12:51

Instrument :
BNA_F
ClientSampleId :
AU-05-112017-AMS

Tot Ion	Ratio	Lower	Upper
152	100		
150	150.4	124.6	186.8
115	55.4	50.1	75.1

Manual Integrations
APPROVED

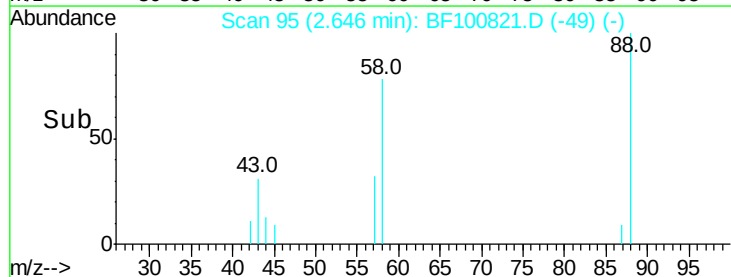
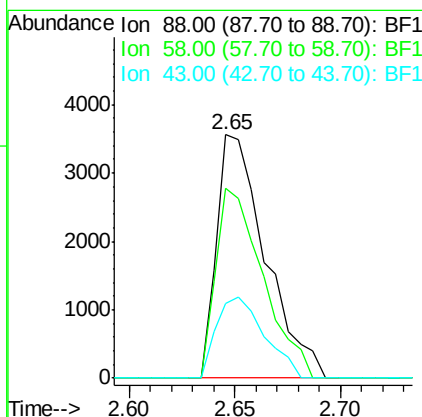
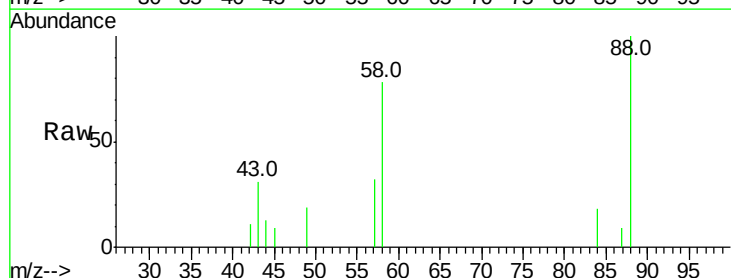
Sohil
11/27/2017 3:19:27 PM

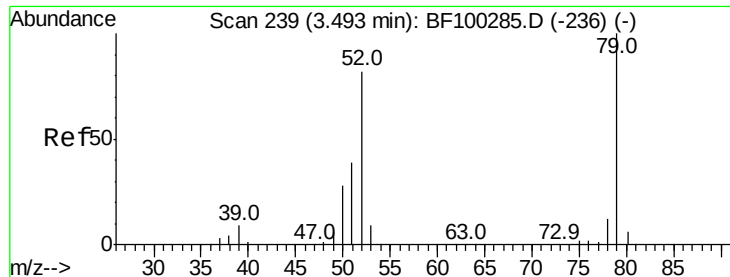


#2

1,4-Dioxane
Concen: 2.553 ng
RT: 2.65 min Scan# 95
Delta R.T. -0.03 min
Lab File: BF100821.D
Acq: 22 Nov 2017 12:51

Tgt Ion	Ratio	Lower	Upper
88	100		
58	75.2	62.6	93.8
43	32.8	24.6	37.0





#3

Pvridine

Concen: 2.226 ng/ml

RT: 3.49 min Scan# 238

Delta R.T. 0.04 min

Lab File: BF100821.D

Acq: 22 Nov 2017 12:51

Instrument :

BNA_F

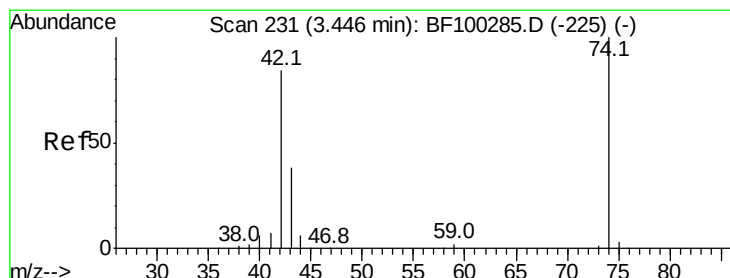
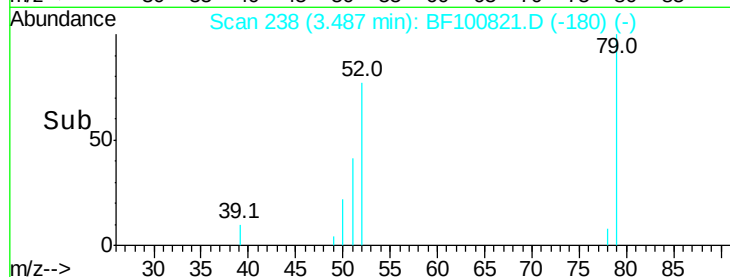
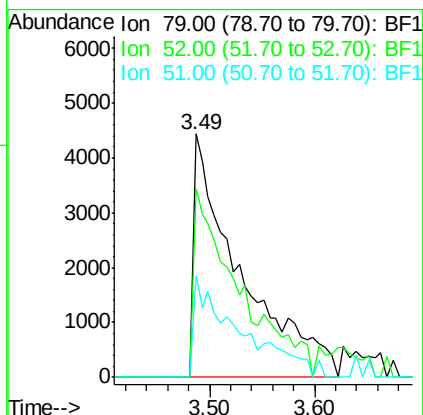
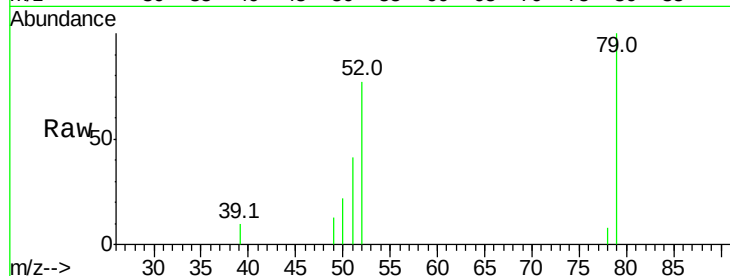
ClientSampleId :

AU-05-112017-AMS

Tot Ion:	79	Resp:	13567
Ion	Ratio	Lower	Upper
79	100		
52	77.3	59.8	89.6
51	41.5	29.8	44.8

Manual Integrations
APPROVED

Sohil
11/27/2017 3:19:27 PM



#4

n-Nitrosodimethylamine

Concen: 2.761 ng/ml

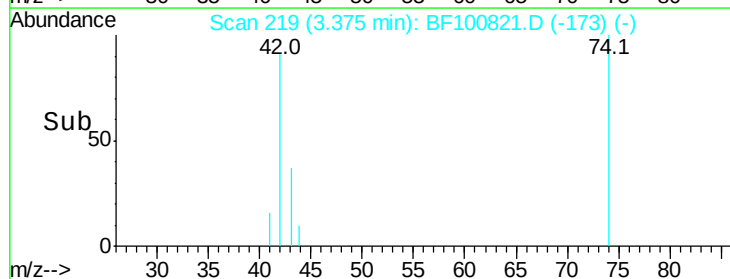
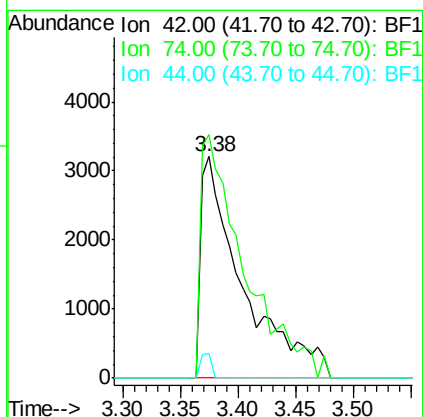
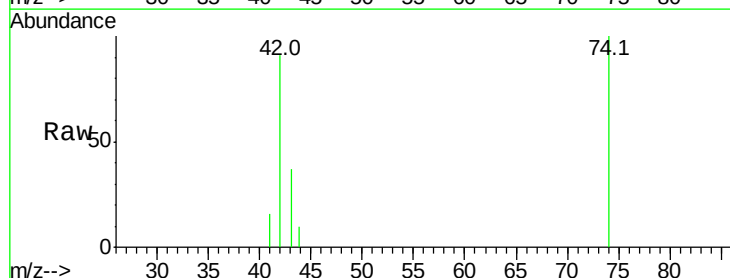
RT: 3.38 min Scan# 219

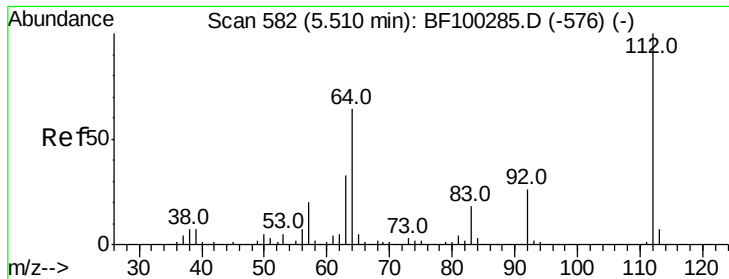
Delta R.T. -0.03 min

Lab File: BF100821.D

Acq: 22 Nov 2017 12:51

Tgt Ion:	42	Resp:	8169
Ion	Ratio	Lower	Upper
42	100		
74	110.0	104.9	157.3
44	10.9	6.9	10.3





#5

2-Fluorophenol

Concen: 11.884 ng

RT: 5.48 min Scan# 577

Delta R.T. -0.01 min

Lab File: BF100821.D

Acq: 22 Nov 2017 12:51

Instrument :

BNA_F

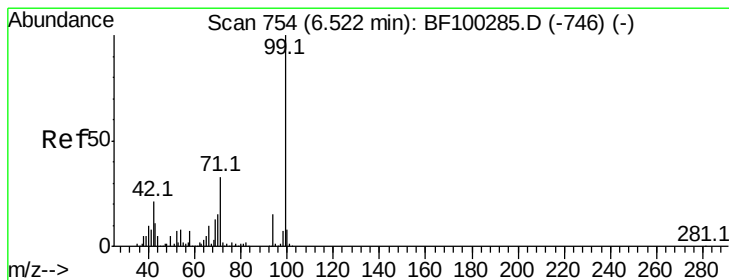
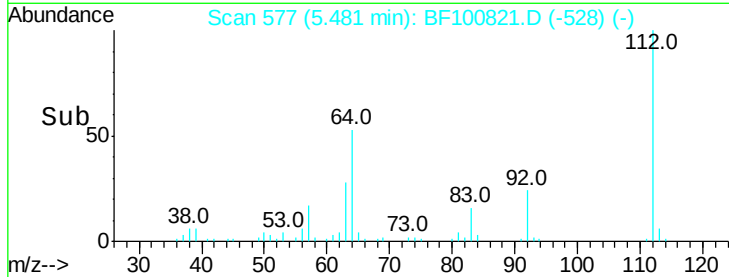
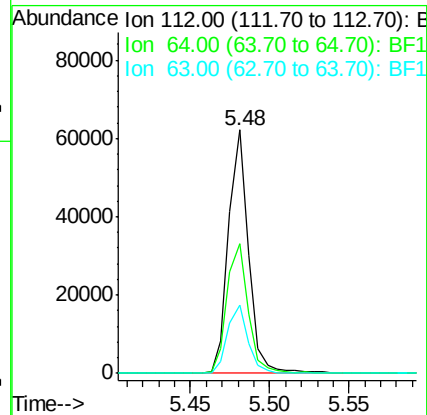
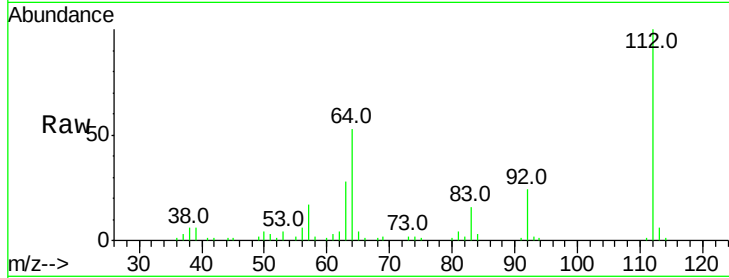
ClientSampleId :

AU-05-112017-AMS

Tot Ion:	112	Resp:	54481
Ion Ratio	Lower	Upper	
112	100		
64	53.1	47.9	71.9
63	27.8	23.7	35.5

Manual Integrations
APPROVED

Sohil
11/27/2017 3:19:27 PM



#7

Phenol-d6

Concen: 11.607 ng

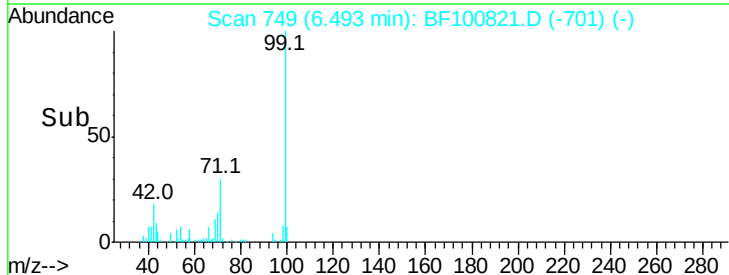
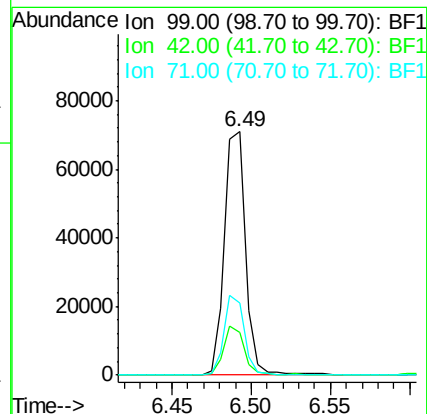
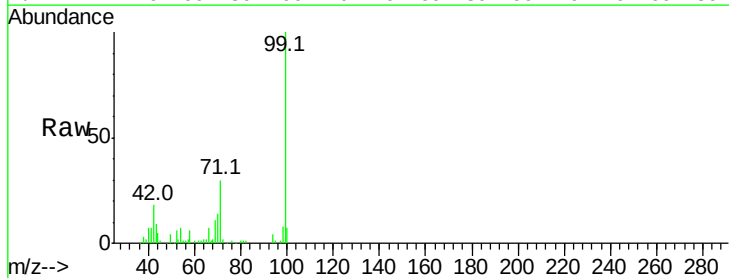
RT: 6.49 min Scan# 749

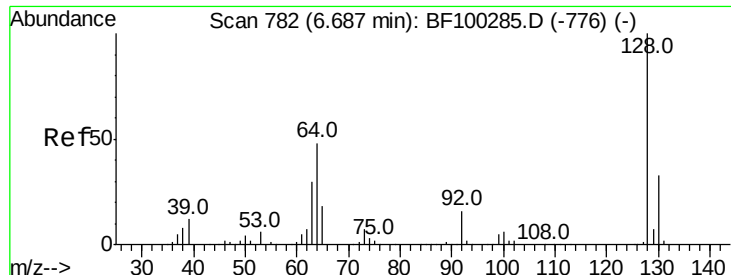
Delta R.T. -0.02 min

Lab File: BF100821.D

Acq: 22 Nov 2017 12:51

Tgt Ion:	99	Resp:	65616
Ion Ratio	Lower	Upper	
99	100		
42	17.8	14.5	21.7
71	29.7	25.4	38.0





#8

2-Chlorophenol

Concen: 3.698 ng

RT: 6.65 min Scan# 776

Delta R.T. -0.02 min

Lab File: BF100821.D

Acq: 22 Nov 2017 12:51

Instrument :

BNA_F

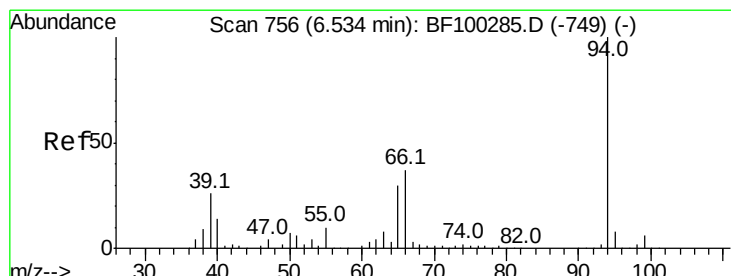
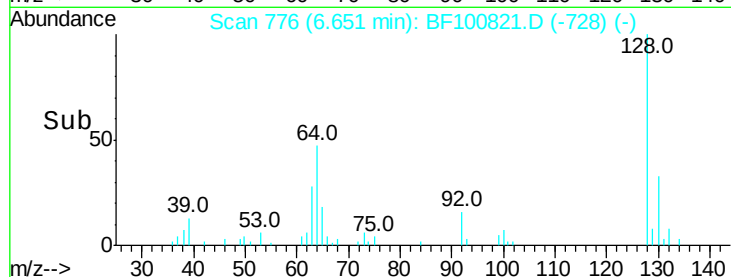
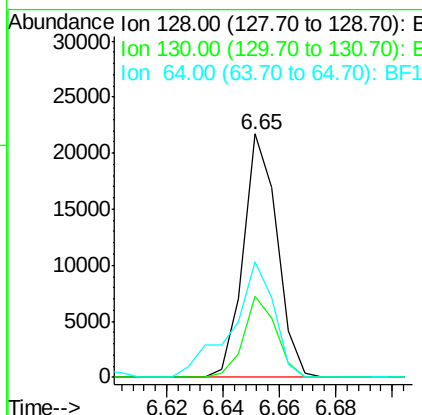
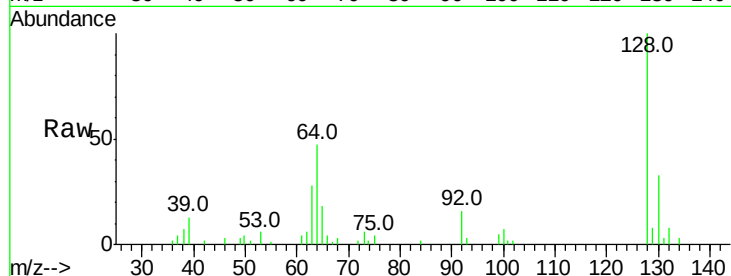
ClientSampleId :

AU-05-112017-AMS

Tot Ion:	128	Resp:	17936
Ion	Ratio	Lower	Upper
128	100		
130	33.1	13.0	53.0
64	47.2	29.4	69.4

Manual Integrations
APPROVED

Sohil
11/27/2017 3:19:27 PM



#10

Phenol

Concen: 4.189 ng

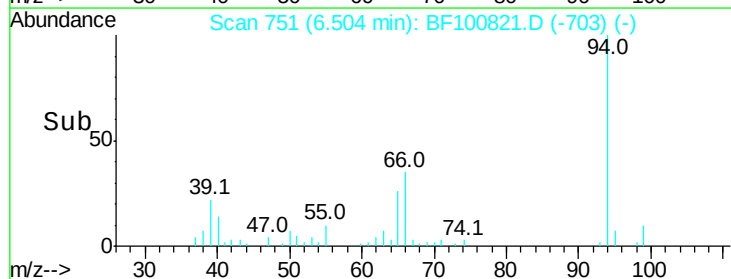
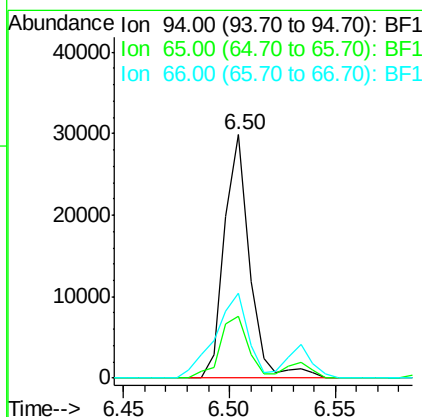
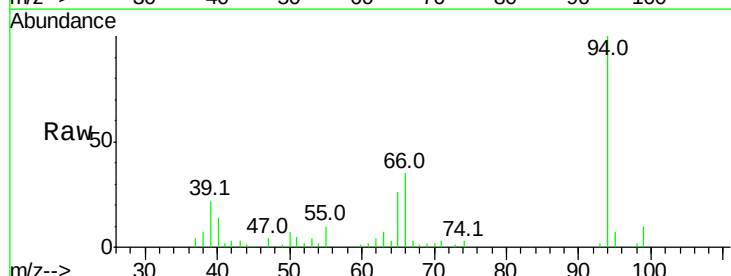
RT: 6.50 min Scan# 751

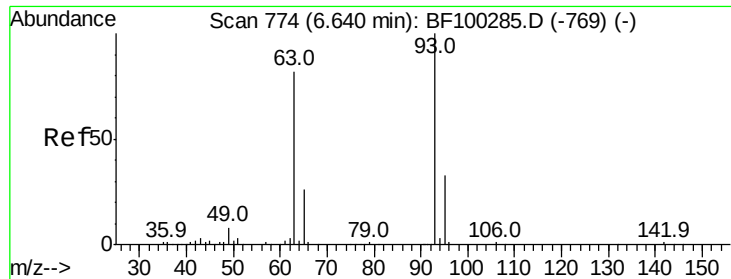
Delta R.T. -0.02 min

Lab File: BF100821.D

Acq: 22 Nov 2017 12:51

Tgt Ion:	94	Resp:	24861
Ion	Ratio	Lower	Upper
94	100		
65	25.5	7.9	47.9
66	35.1	16.2	56.2





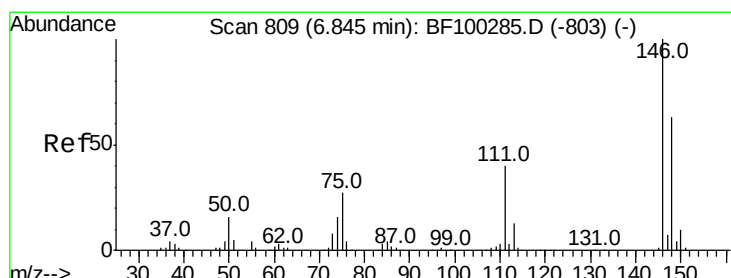
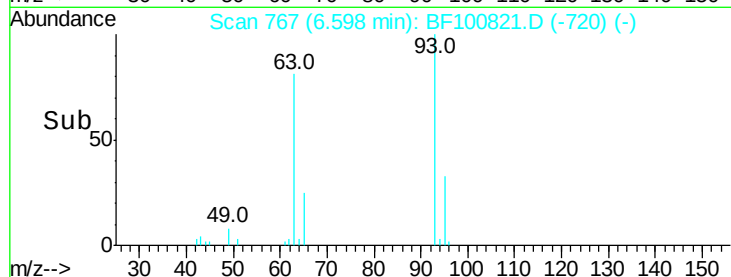
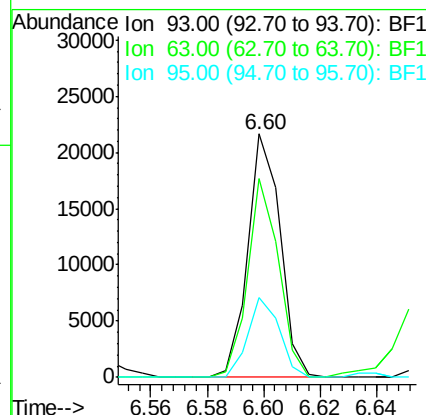
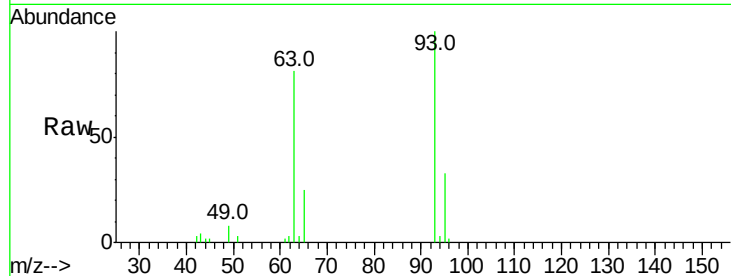
#11
bis(2-Chloroethyl)ether
Concen: 3.457 ng
RT: 6.60 min Scan# 767
Delta R.T. -0.02 min
Lab File: BF100821.D
Acq: 22 Nov 2017 12:51

Instrument :
BNA_F
ClientSampleId :
AU-05-112017-AMS

Tot Ion	Ratio	Lower	Upper
93	100		
63	81.5	58.6	98.6
95	32.9	11.8	51.8

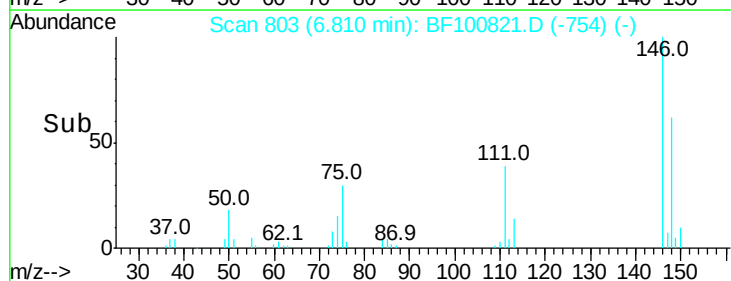
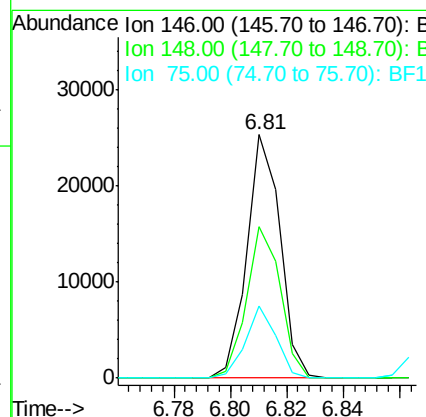
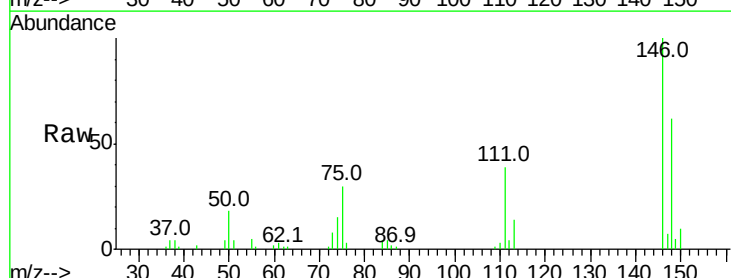
Manual Integrations
APPROVED

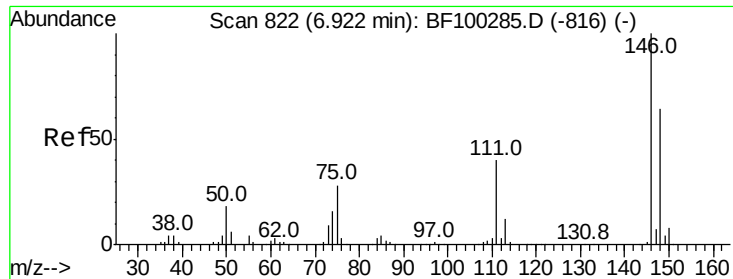
Sohil
11/27/2017 3:19:27 PM



#12
1,3-Dichlorobenzene
Concen: 3.689 ng
RT: 6.81 min Scan# 803
Delta R.T. -0.01 min
Lab File: BF100821.D
Acq: 22 Nov 2017 12:51

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.2	51.8	77.8
75	29.6	24.2	36.4





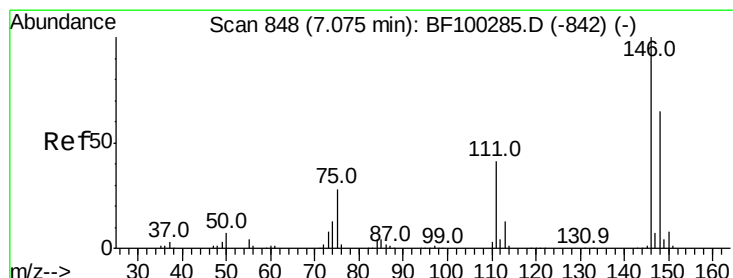
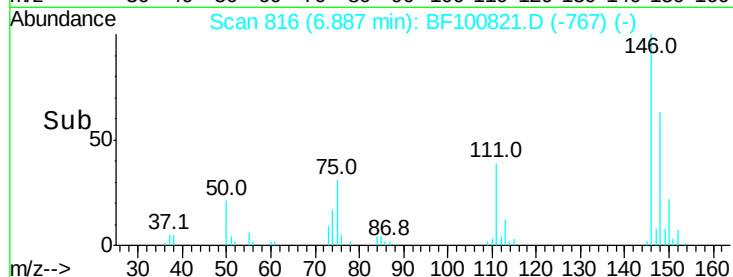
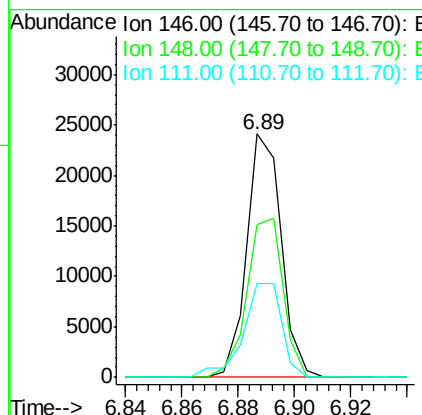
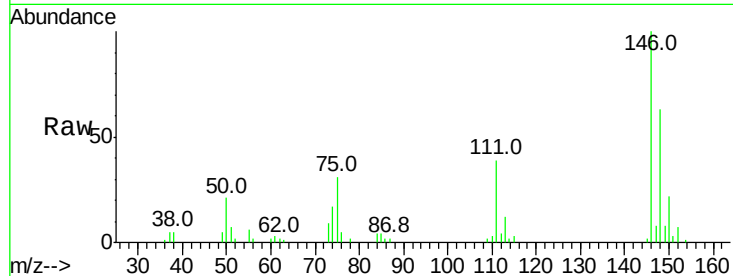
#13
 1,4-Dichlorobenzene
 Concen: 3.609 ng
 RT: 6.89 min Scan# 816
 Delta R.T. -0.01 min
 Lab File: BF100821.D
 Acq: 22 Nov 2017 12:51

Instrument :
 BNA_F
 ClientSampleId :
 AU-05-112017-AMS

Tot Ion	Ratio	Lower	Upper
146	100		
148	62.7	50.8	76.2
111	38.8	34.2	51.2

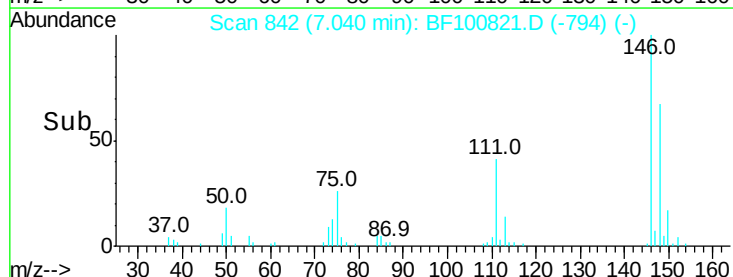
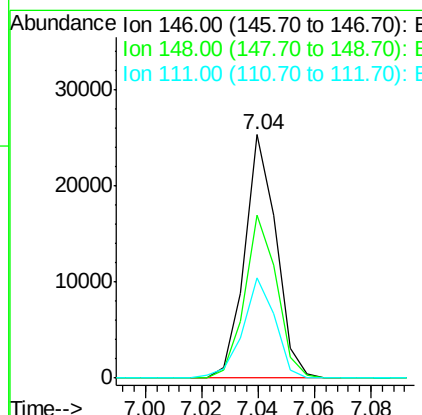
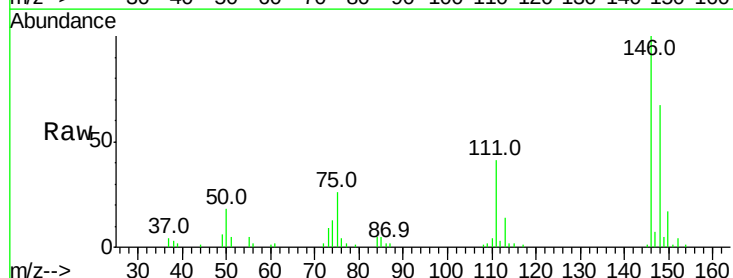
Manual Integrations
 APPROVED

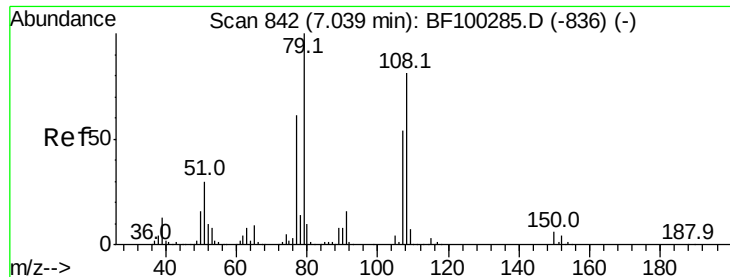
Sohil
 11/27/2017 3:19:27 PM



#14
 1,2-Dichlorobenzene
 Concen: 3.760 ng
 RT: 7.04 min Scan# 842
 Delta R.T. -0.02 min
 Lab File: BF100821.D
 Acq: 22 Nov 2017 12:51

Tgt Ion	Ratio	Lower	Upper
146	100		
148	66.8	50.6	75.8
111	41.0	36.0	54.0





#15

Benzyl Alcohol

Concen: 3.368 ng

RT: 7.00 min Scan# 836

Delta R.T. -0.02 min

Lab File: BF100821.D

Acq: 22 Nov 2017 12:51

Instrument :

BNA_F

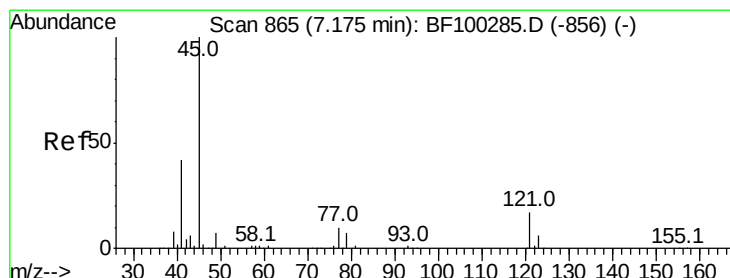
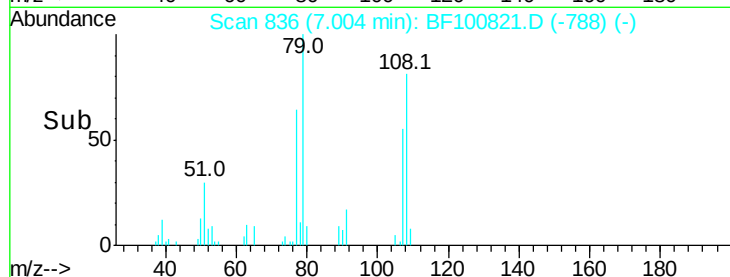
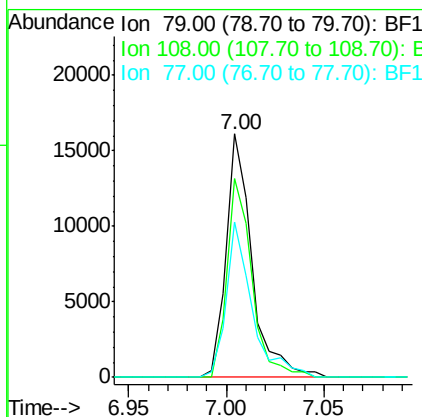
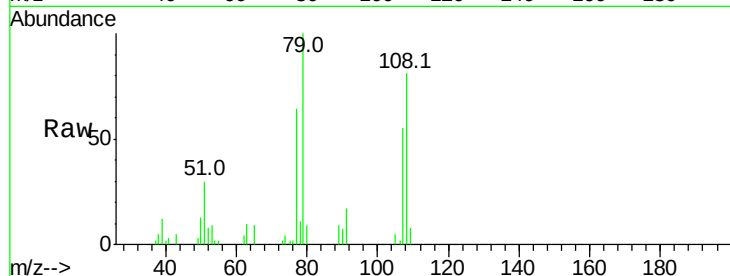
ClientSampleId :

AU-05-112017-AMS

Tot Ion:	79	Resp:	14860
Ion Ratio	Lower	Upper	
79	100		
108	81.4	65.1	97.7
77	63.8	50.6	75.8

Manual Integrations
APPROVED

Sohil
11/27/2017 3:19:27 PM



#16

2,2'-oxybis(1-chloropropane)

Concen: 3.465 ng

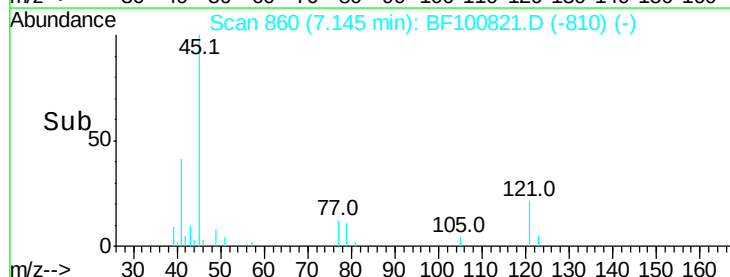
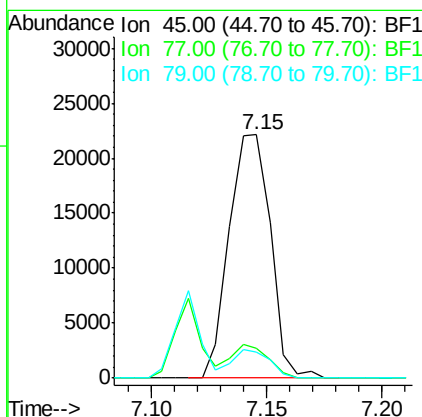
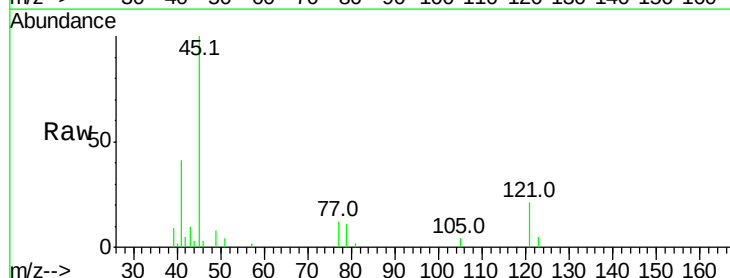
RT: 7.15 min Scan# 860

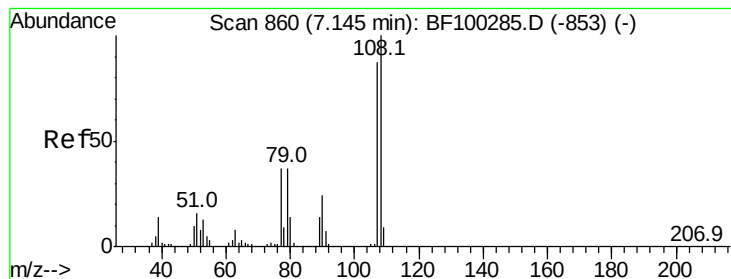
Delta R.T. -0.01 min

Lab File: BF100821.D

Acq: 22 Nov 2017 12:51

Tgt Ion:	45	Resp:	27624
Ion Ratio	Lower	Upper	
45	100		
77	12.4	0.0	32.9
79	10.6	0.0	29.6





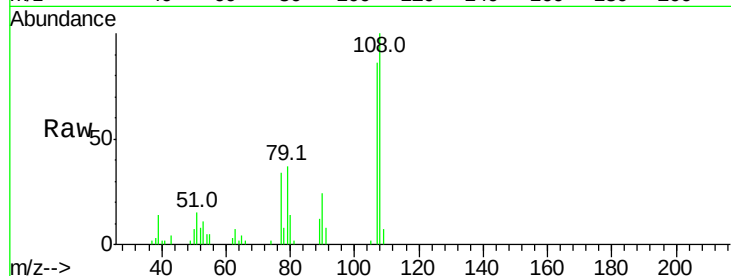
#17
2-Methylphenol
Concen: 3.488 ng
RT: 7.12 min Scan# 855
Delta R.T. -0.01 min
Lab File: BF100821.D
Acq: 22 Nov 2017 12:51

Instrument :
BNA_F
ClientSampleId :
AU-05-112017-AMS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	116.3	91.7	137.5	
77	39.1	33.8	50.8	
79	43.1	33.8	50.8	

Manual Integrations
APPROVED

Sohil
11/27/2017 3:19:27 PM



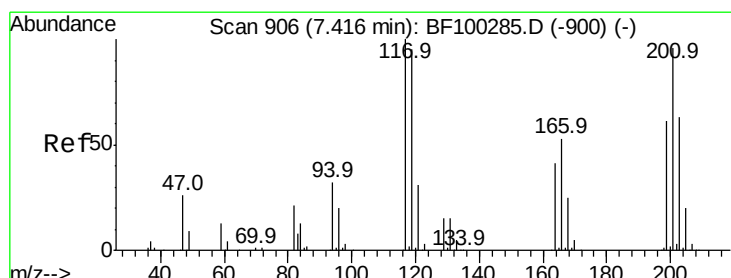
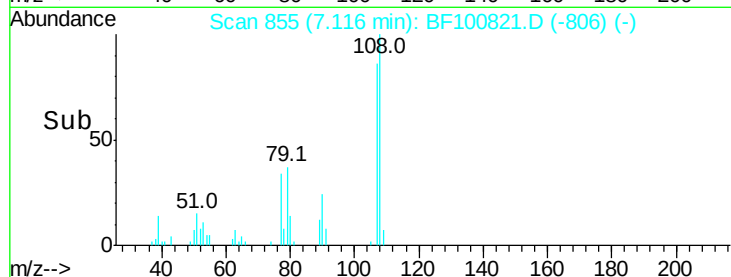
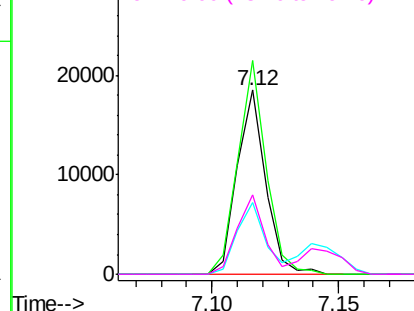
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18
Hexachloroethane
Concen: 3.205 ng
RT: 7.38 min Scan# 900
Delta R.T. -0.02 min
Lab File: BF100821.D
Acq: 22 Nov 2017 12:51

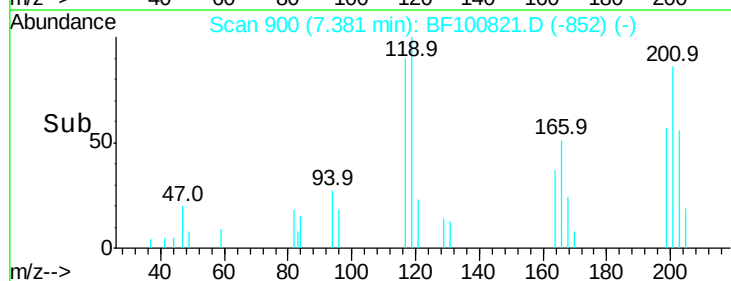
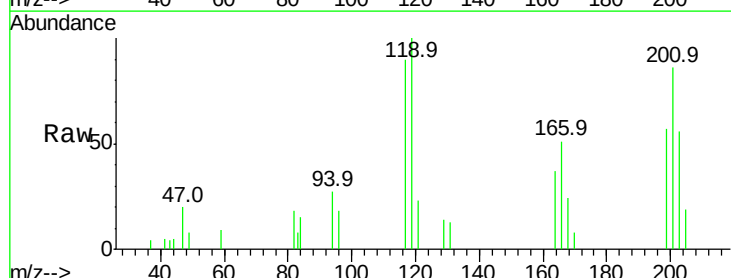
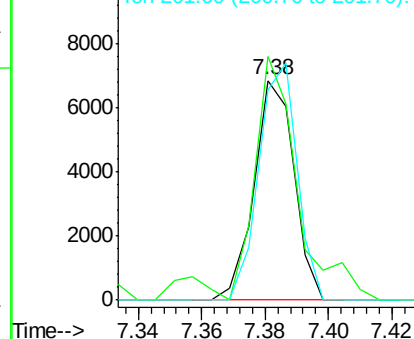
Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	110.9	75.8	113.8	
201	95.6	75.7	113.5	

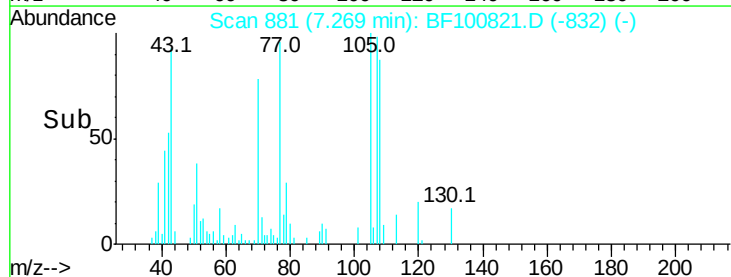
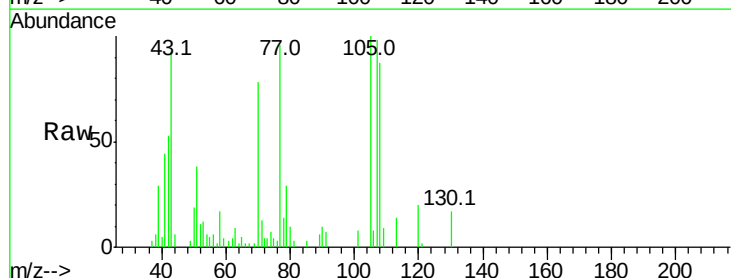
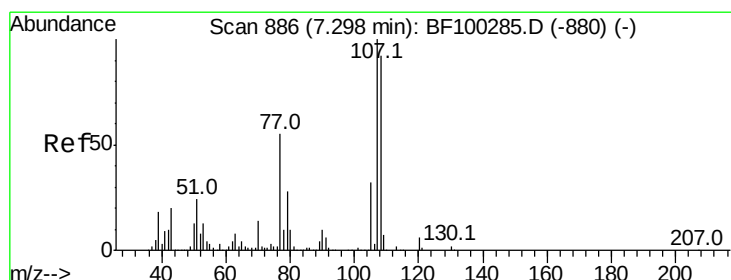
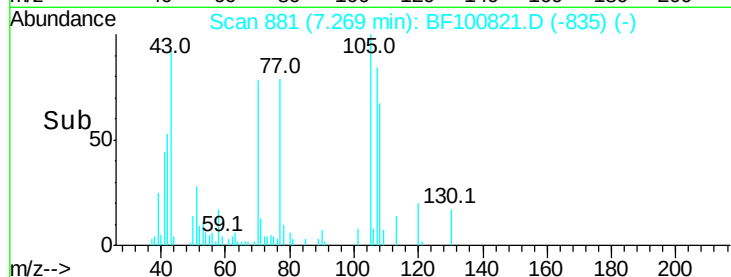
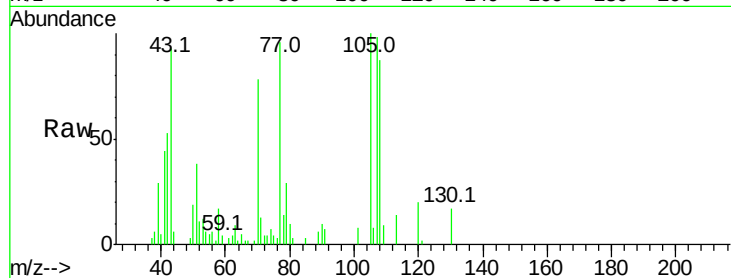
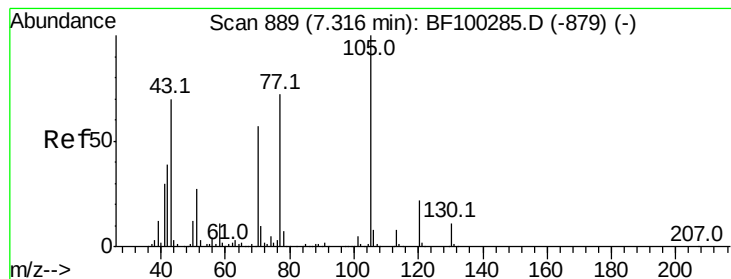
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 3.119 ng

RT: 7.27 min Scan# 881

Delta R.T. -0.03 min

Lab File: BF100821.D

Acq: 22 Nov 2017 12:51

Instrument :

BNA_F

ClientSampleId :

AU-05-112017-AMS

Tot Ion: 70 Resp: 12228

Ion Ratio Lower Upper

70 100

42 68.0 47.5 71.3

101 10.9 7.4 11.2

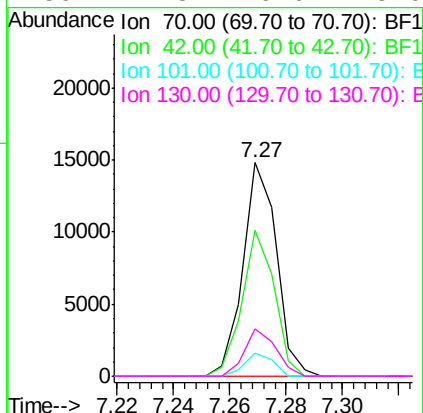
130 22.3 16.6 25.0

Manual Integrations

APPROVED

Sohil

11/27/2017 3:19:27 PM



#20

3+4-Methylphenols

Concen: 3.510 ng

RT: 7.27 min Scan# 881

Delta R.T. -0.01 min

Lab File: BF100821.D

Acq: 22 Nov 2017 12:51

Tgt Ion: 107 Resp: 18406

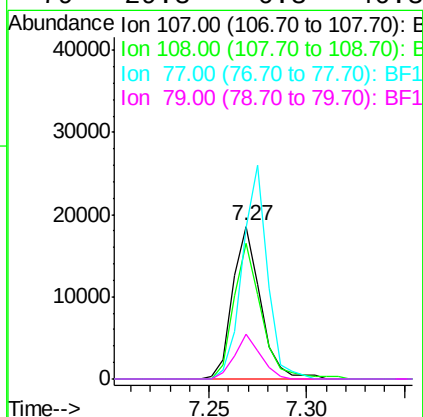
Ion Ratio Lower Upper

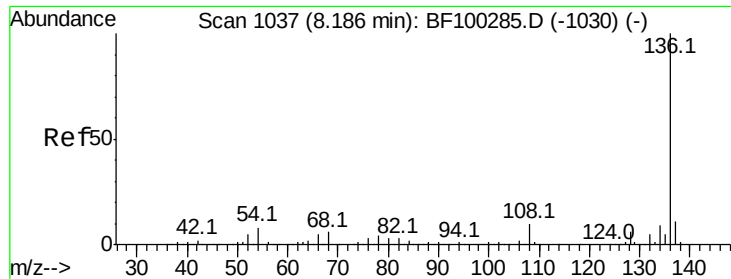
107 100

108 88.8 68.2 108.2

77 98.6 26.7 66.7#

79 29.3 6.3 46.3





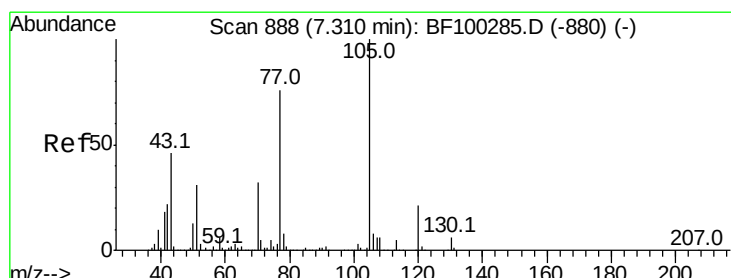
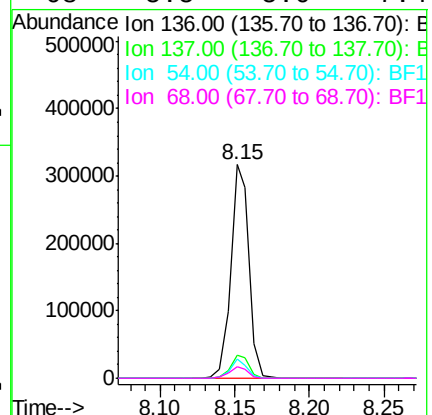
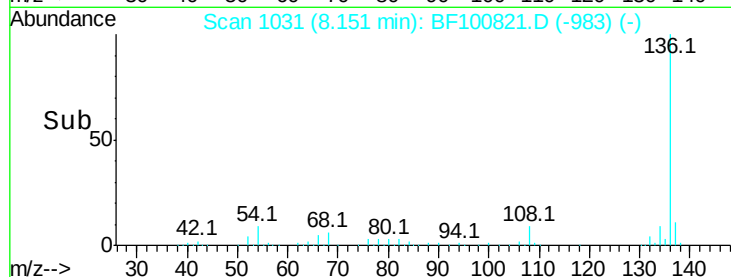
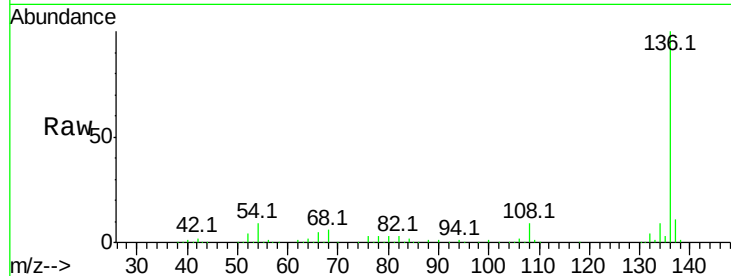
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.15 min Scan# 1031
Delta R.T. -0.02 min
Lab File: BF100821.D
Acq: 22 Nov 2017 12:51

Instrument :
BNA_F
ClientSampleId :
AU-05-112017-AMS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	273567		
137	10.6	8.9	13.3	
54	8.9	6.6	9.8	
68	5.5	5.0	7.4	

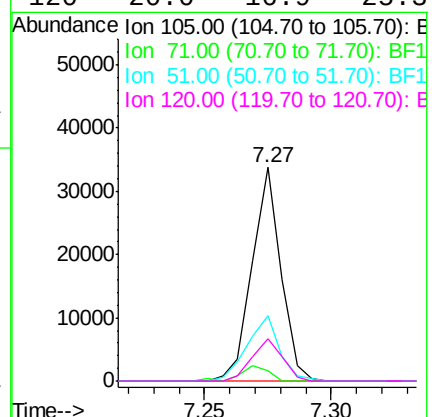
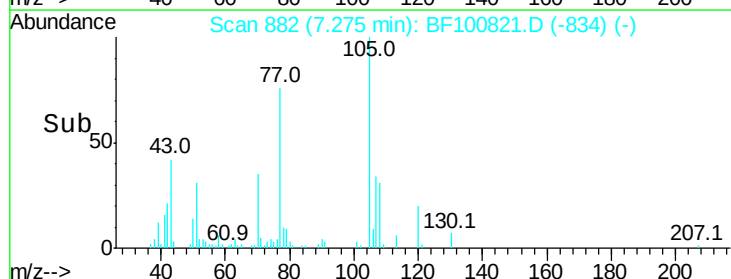
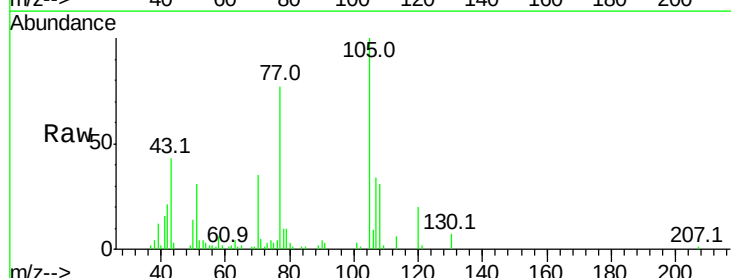
Manual Integrations
APPROVED

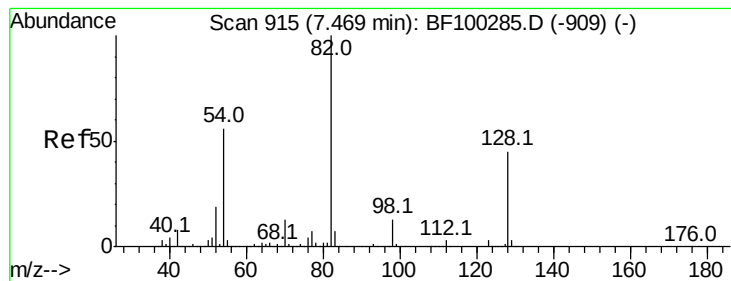
Sohil
11/27/2017 3:19:27 PM



#22
Acetophenone
Concen: 4.010 ng
RT: 7.27 min Scan# 882
Delta R.T. -0.02 min
Lab File: BF100821.D
Acq: 22 Nov 2017 12:51

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	26749		
71	4.8	4.4	6.6	
51	30.8	22.3	33.5	
120	20.0	16.9	25.3	





#23

Nitrobenzene-d5

Concen: 8.923 ng

RT: 7.43 min Scan# 908

Delta R.T. -0.02 min

Lab File: BF100821.D

Acq: 22 Nov 2017 12:51

Instrument :

BNA_F

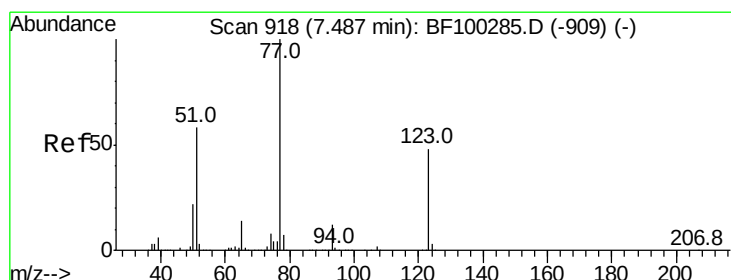
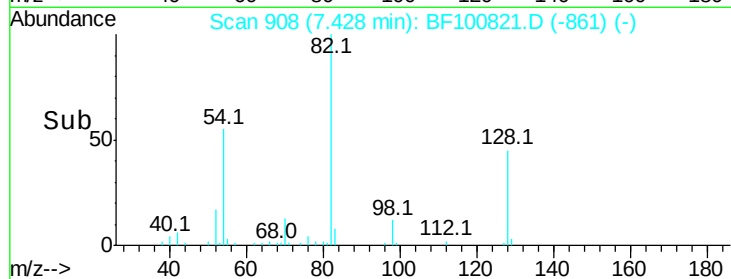
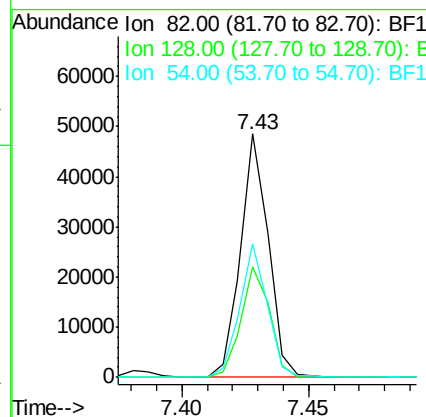
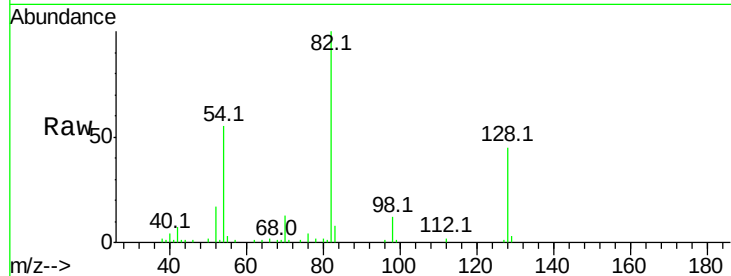
ClientSampleId :

AU-05-112017-AMS

Tot Ion:	82	Resp:	36924
Ion Ratio	Lower	Upper	
82	100		
128	45.4	36.1	54.1
54	54.7	41.4	62.2

Manual Integrations
APPROVED

Sohil
11/27/2017 3:19:27 PM



#24

Nitrobenzene

Concen: 3.959 ng

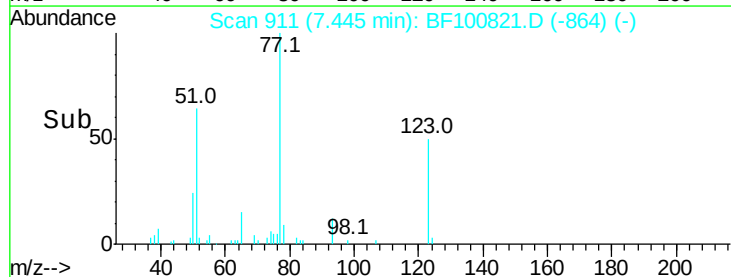
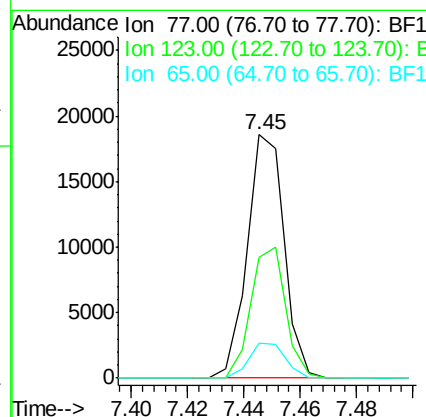
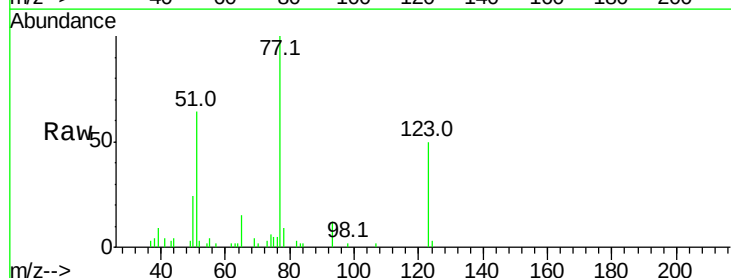
RT: 7.45 min Scan# 911

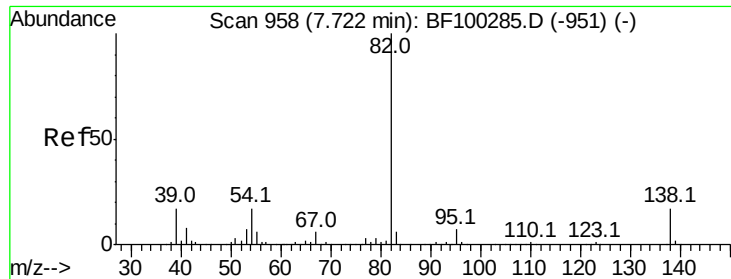
Delta R.T. -0.02 min

Lab File: BF100821.D

Acq: 22 Nov 2017 12:51

Tgt Ion:	77	Resp:	16863
Ion Ratio	Lower	Upper	
77	100		
123	49.7	37.9	56.9
65	14.6	11.0	16.4





#25

Isophorone

Concen: 3.591 ng

RT: 7.69 min Scan# 952

Delta R.T. -0.02 min

Lab File: BF100821.D

Acq: 22 Nov 2017 12:51

Instrument :

BNA_F

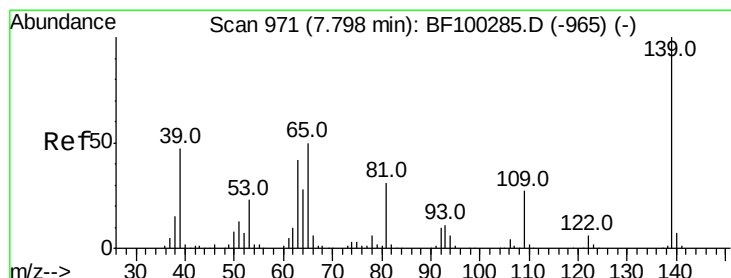
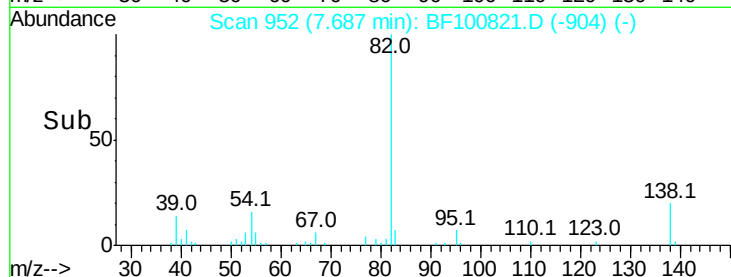
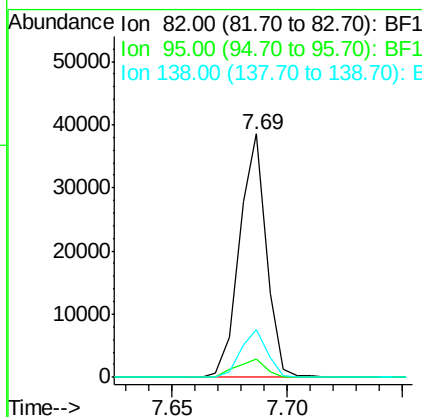
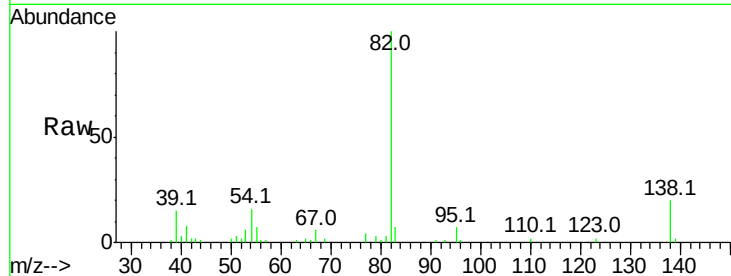
ClientSampleId :

AU-05-112017-AMS

Tot Ion:	82	Resp:	31223
Ion Ratio	Lower	Upper	
82	100		
95	7.5	5.2	7.8
138	19.5	14.9	22.3

Manual Integrations
APPROVED

Sohil
11/27/2017 3:19:27 PM



#26

2-Nitrophenol

Concen: 9.178 ng

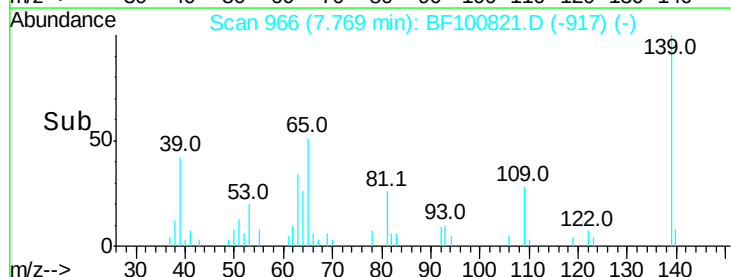
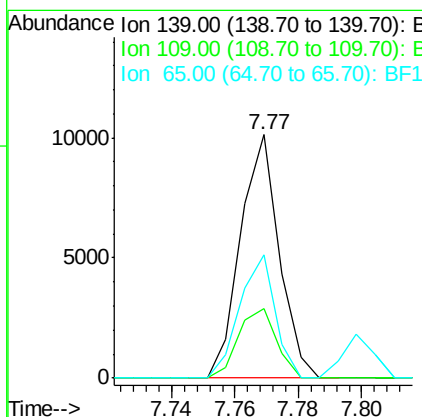
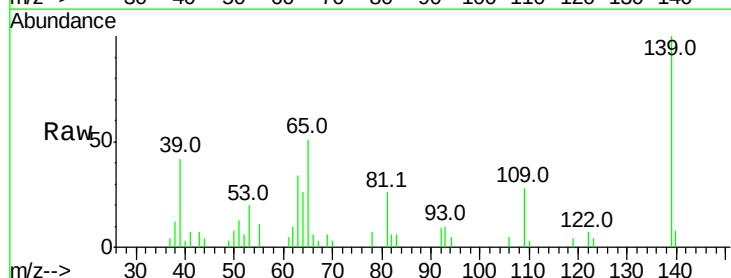
RT: 7.77 min Scan# 966

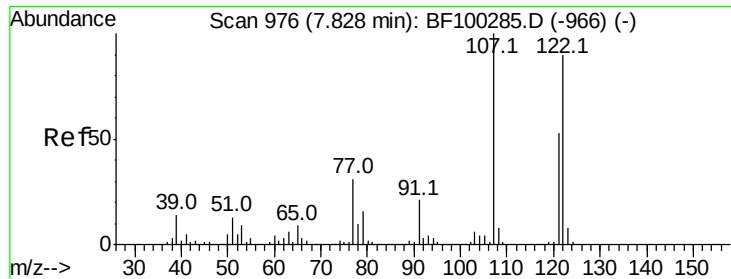
Delta R.T. -0.01 min

Lab File: BF100821.D

Acq: 22 Nov 2017 12:51

Tgt Ion:	139	Resp:	8543
Ion Ratio	Lower	Upper	
139	100		
109	28.4	22.7	34.1
65	50.6	40.5	60.7





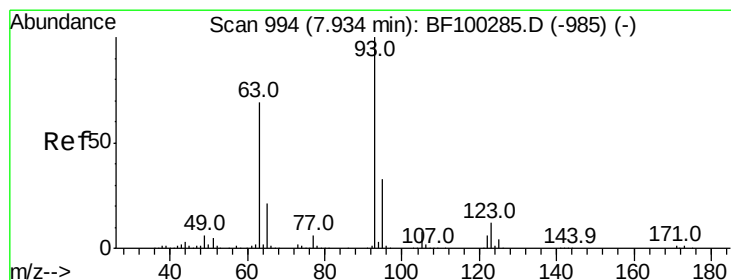
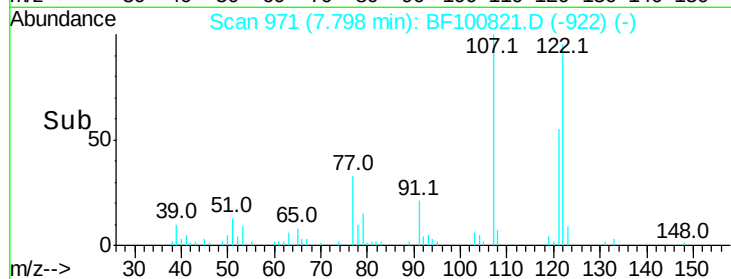
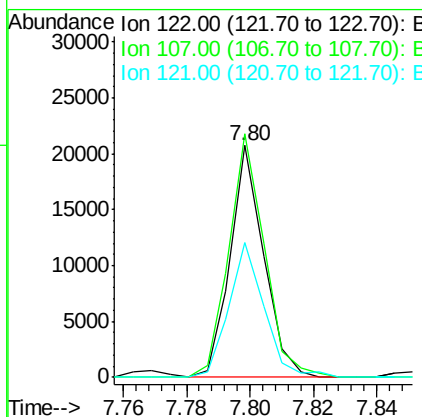
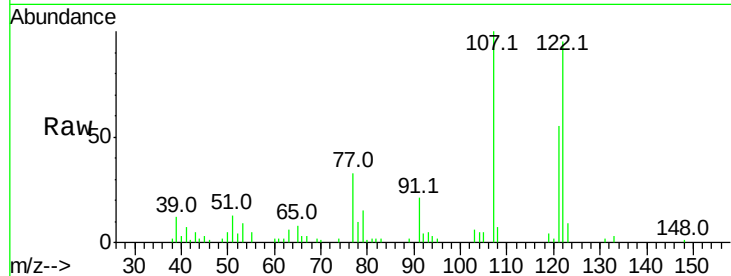
#27
 2,4-Dimethylphenol
 Concen: 3.900 ng
 RT: 7.80 min Scan# 971
 Delta R.T. -0.01 min
 Lab File: BF100821.D
 Acq: 22 Nov 2017 12:51

Instrument :
 BNA_F
 ClientSampleId :
 AU-05-112017-AMS

Tot Ion	Ratio	Lower	Upper
122	100		
107	105.1	91.2	136.8
121	57.9	47.2	70.8

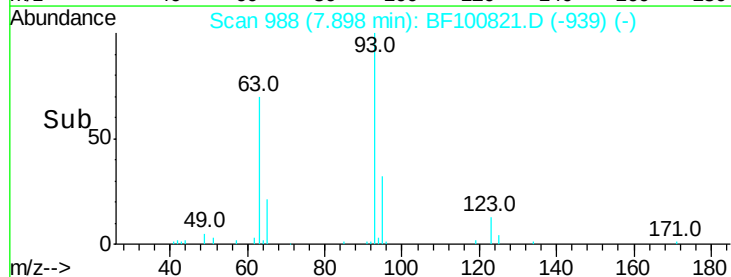
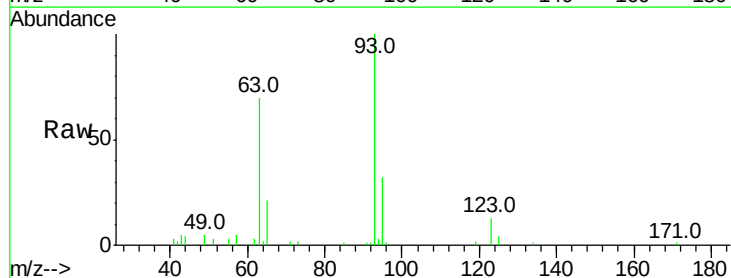
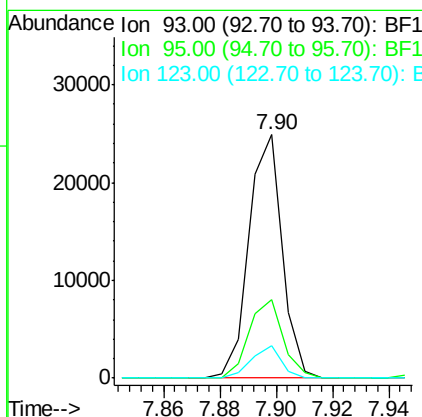
Manual Integrations
 APPROVED

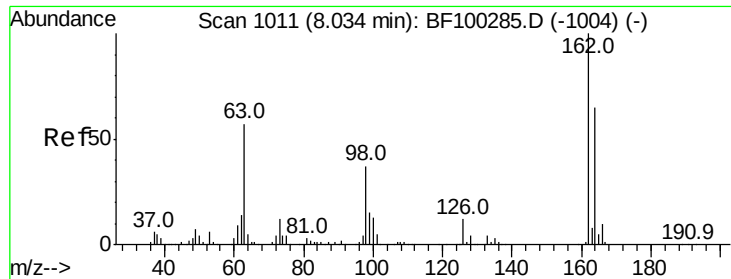
Sohil
 11/27/2017 3:19:27 PM



#28
 bis(2-Chloroethoxy)methane
 Concen: 3.579 ng
 RT: 7.90 min Scan# 988
 Delta R.T. -0.01 min
 Lab File: BF100821.D
 Acq: 22 Nov 2017 12:51

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.4	26.3	39.5
123	13.1	9.8	14.6





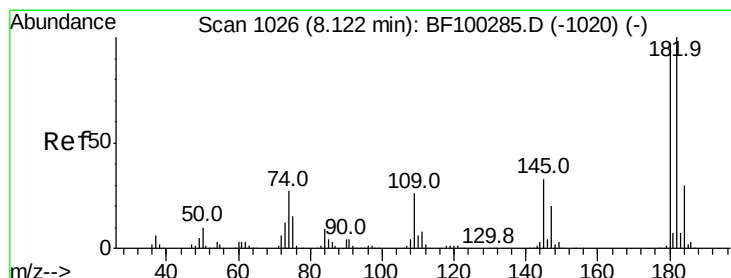
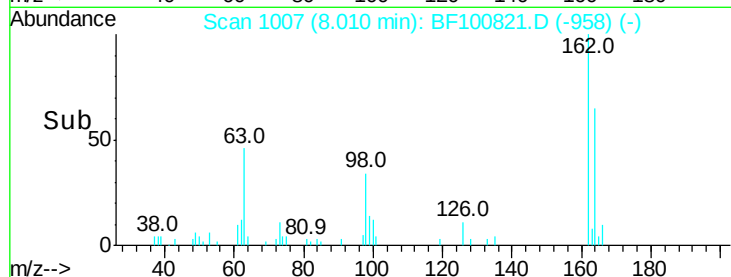
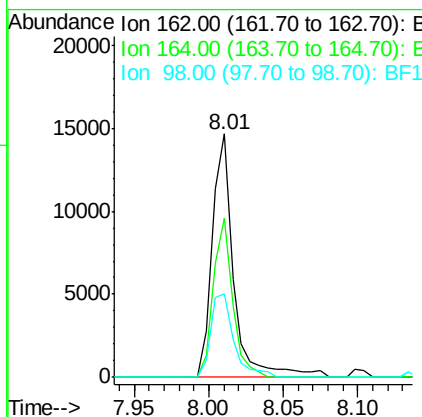
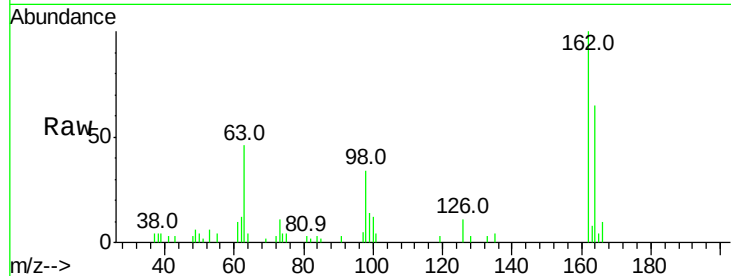
#29
 2,4-Dichlorophenol
 Concen: 3.930 ng
 RT: 8.01 min Scan# 1007
 Delta R.T. -0.01 min
 Lab File: BF100821.D
 Acq: 22 Nov 2017 12:51

Instrument :
 BNA_F
 ClientSampleId :
 AU-05-112017-AMS

Tot Ion	Ratio	Resp	Lower	Upper
162	100			
164	65.4	42.7	82.7	
98	34.4	18.1	58.1	

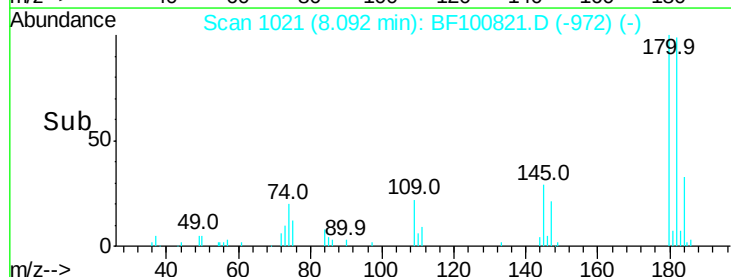
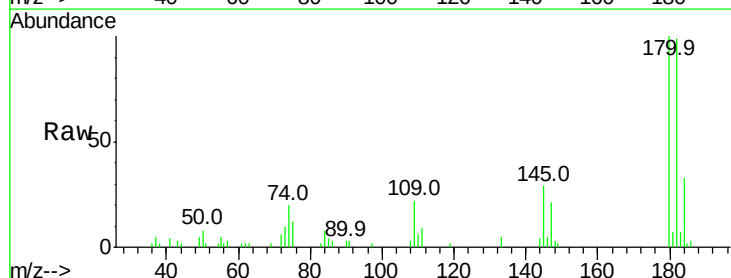
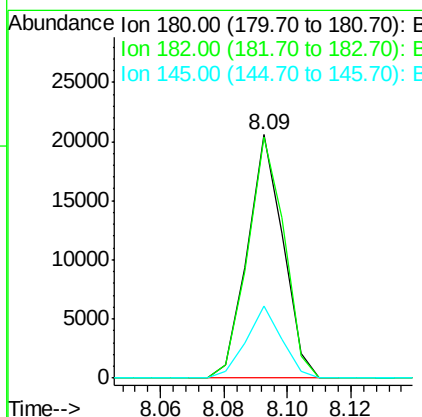
Manual Integrations
 APPROVED

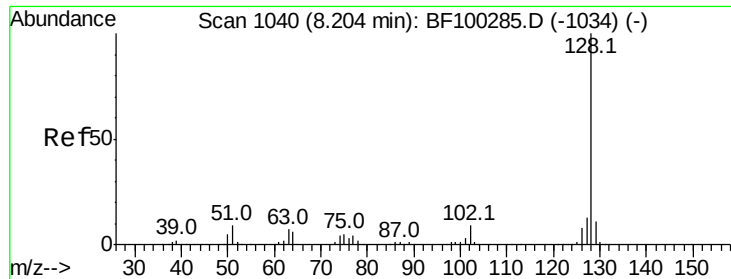
Sohil
 11/27/2017 3:19:27 PM



#30
 1,2,4-Trichlorobenzene
 Concen: 3.978 ng
 RT: 8.09 min Scan# 1021
 Delta R.T. -0.01 min
 Lab File: BF100821.D
 Acq: 22 Nov 2017 12:51

Tgt Ion	Ratio	Resp	Lower	Upper
180	100			
182	98.9	76.8	115.2	
145	29.3	26.5	39.7	





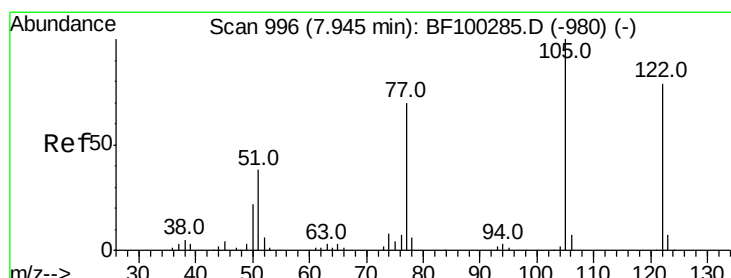
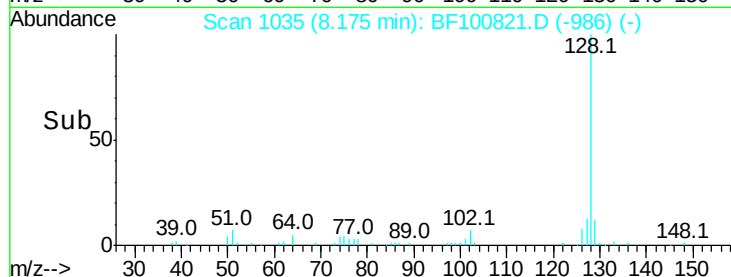
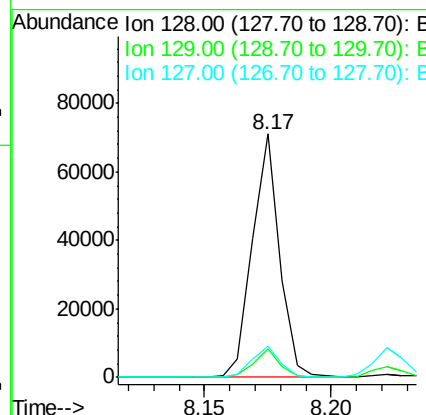
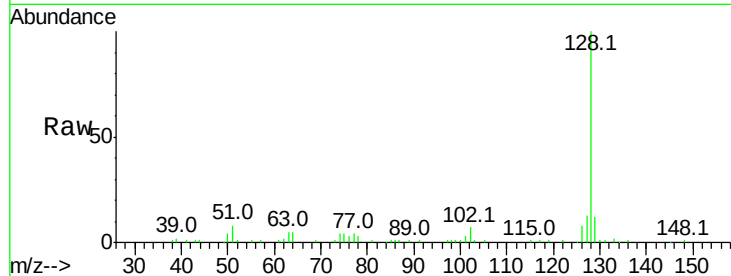
#31
Naphthalene
Concen: 4.020 ng
RT: 8.17 min Scan# 1035
Delta R.T. -0.01 min
Lab File: BF100821.D
Acq: 22 Nov 2017 12:51

Instrument :
BNA_F
ClientSampleId :
AU-05-112017-AMS

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.6	8.8	13.2
127	12.7	10.9	16.3

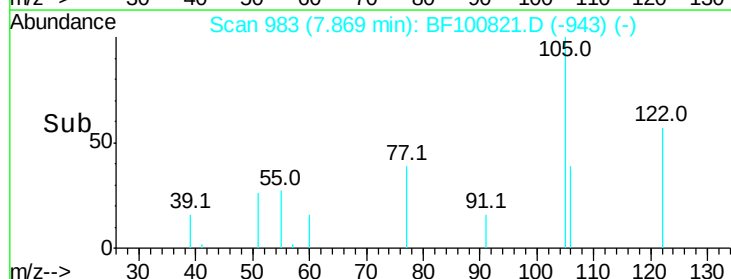
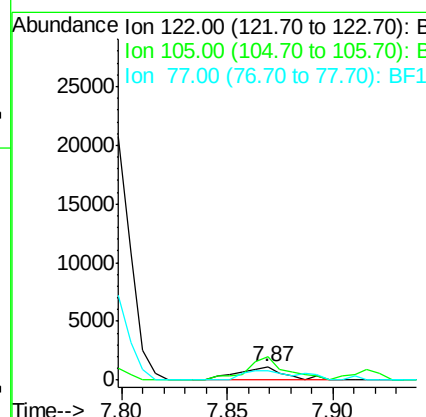
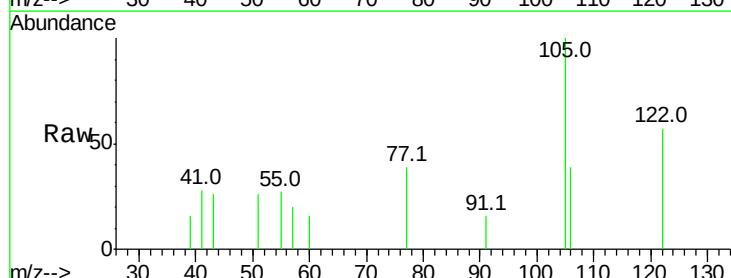
Manual Integrations
APPROVED

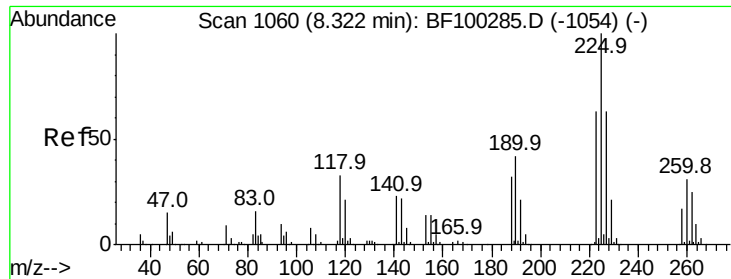
Sohil
11/27/2017 3:19:27 PM



#32
Benzoic acid
Concen: 9.826 ng
RT: 7.87 min Scan# 983
Delta R.T. -0.06 min
Lab File: BF100821.D
Acq: 22 Nov 2017 12:51

Tgt Ion	Ratio	Lower	Upper
122	100		
105	175.0	101.1	141.1#
77	68.6	70.7	110.7#





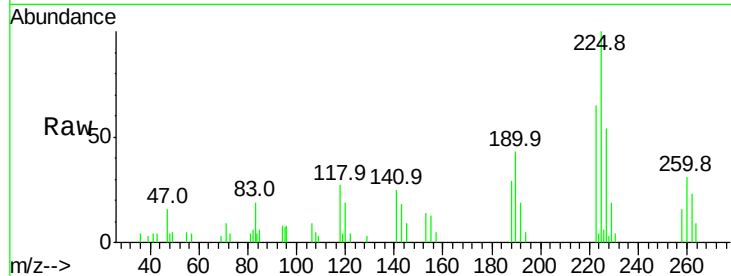
#34
Hexachlorobutadiene
Concen: 4.023 ng
RT: 8.29 min Scan# 1054
Delta R.T. -0.02 min
Lab File: BF100821.D
Acq: 22 Nov 2017 12:51

Instrument :
BNA_F
ClientSampleId :
AU-05-112017-AMS

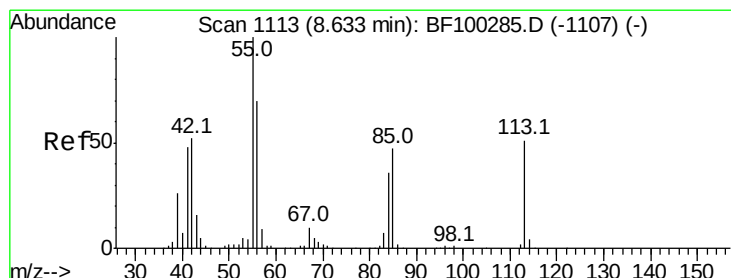
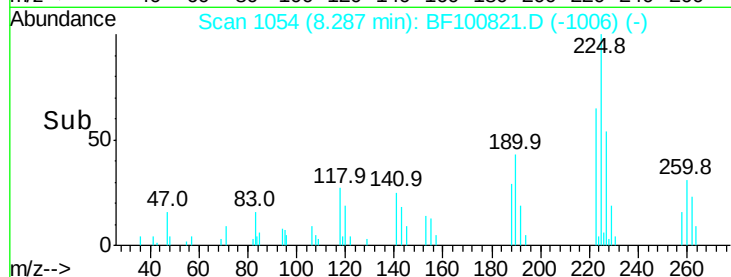
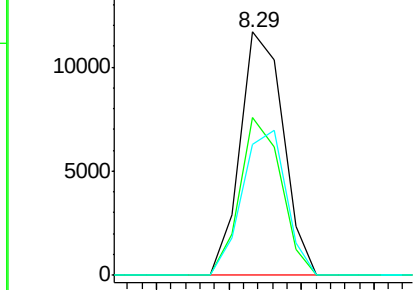
Tot Ion:	225	Resp:	9629
Ion Ratio	Lower	Upper	
225	100		
223	64.9	50.6	76.0
227	54.0	51.9	77.9

Manual Integrations
APPROVED

Sohil
11/27/2017 3:19:27 PM



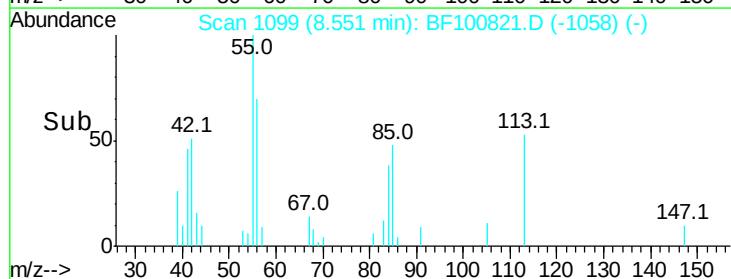
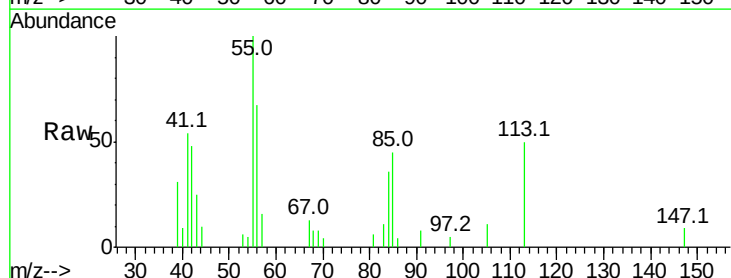
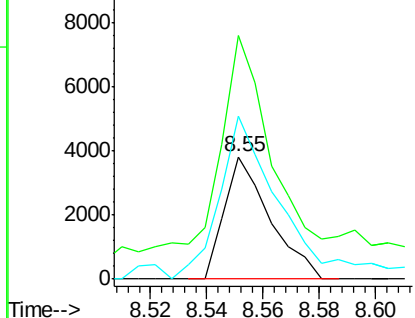
Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E

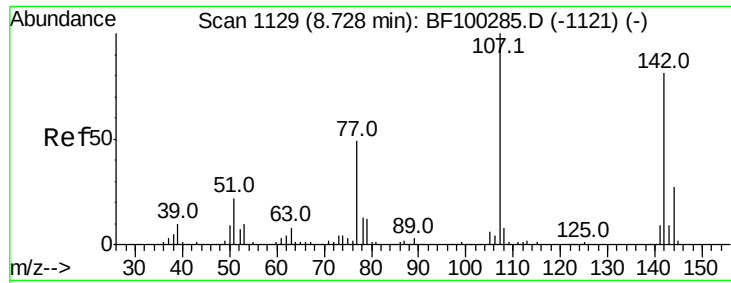


#35
Caprolactam
Concen: 3.336 ng
RT: 8.55 min Scan# 1099
Delta R.T. -0.06 min
Lab File: BF100821.D
Acq: 22 Nov 2017 12:51

Tgt Ion:	113	Resp:	4260
Ion Ratio	Lower	Upper	
113	100		
55	198.8	163.3	203.3
56	132.6	115.7	155.7

Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BF1
Ion 56.00 (55.70 to 56.70): BF1





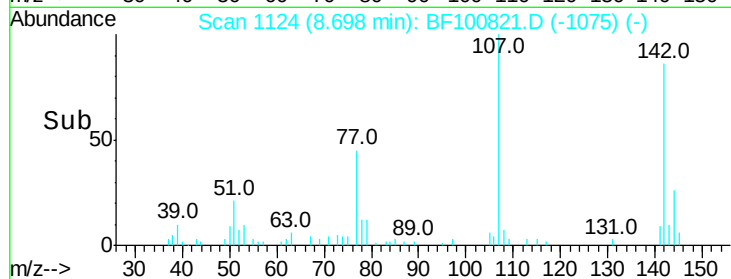
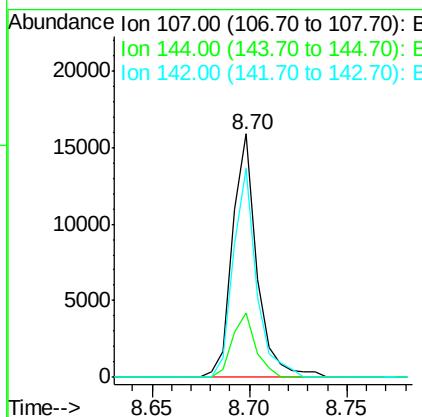
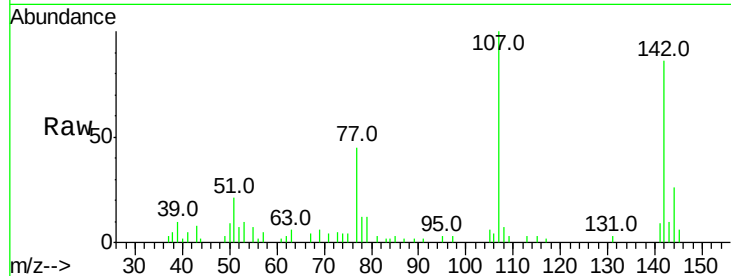
#36
 4-Chloro-3-methylphenol
 Concen: 3.467 ng
 RT: 8.70 min Scan# 1124
 Delta R.T. -0.01 min
 Lab File: BF100821.D
 Acq: 22 Nov 2017 12:51

Instrument :
 BNA_F
 ClientSampleId :
 AU-05-112017-AMS

Tot Ion	Ratio	Lower	Upper
107	100		
144	26.4	20.5	30.7
142	85.9	62.0	93.0

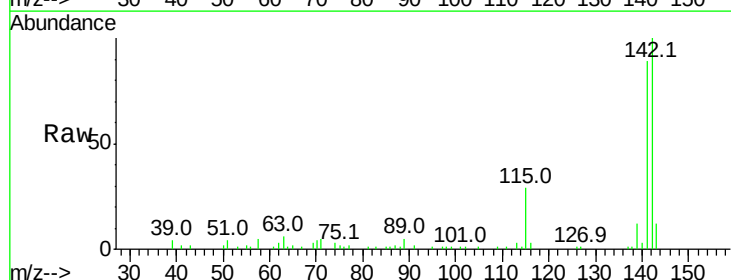
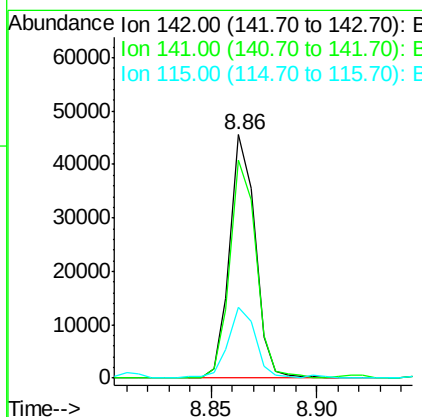
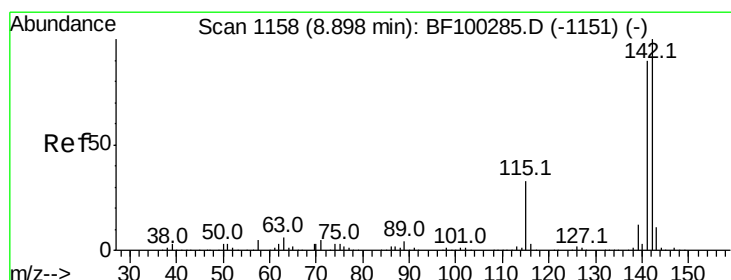
Manual Integrations
 APPROVED

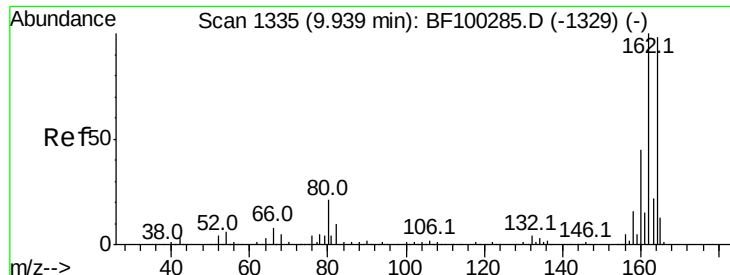
Sohil
 11/27/2017 3:19:27 PM



#37
 2-Methylnaphthalene
 Concen: 4.358 ng
 RT: 8.86 min Scan# 1152
 Delta R.T. -0.02 min
 Lab File: BF100821.D
 Acq: 22 Nov 2017 12:51

Tgt Ion	Ratio	Lower	Upper
142	100		
141	89.3	70.8	106.2
115	29.3	26.1	39.1





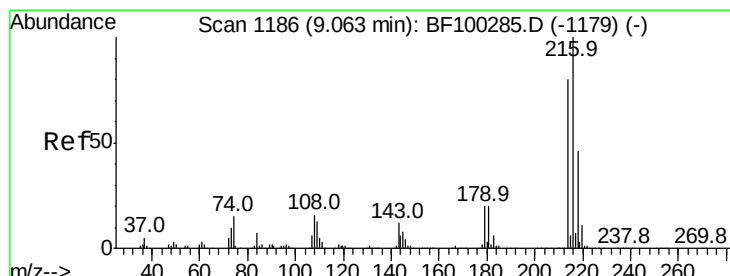
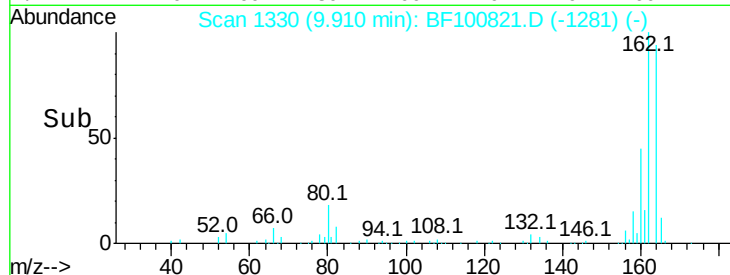
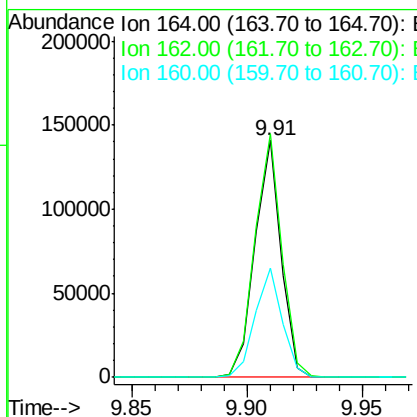
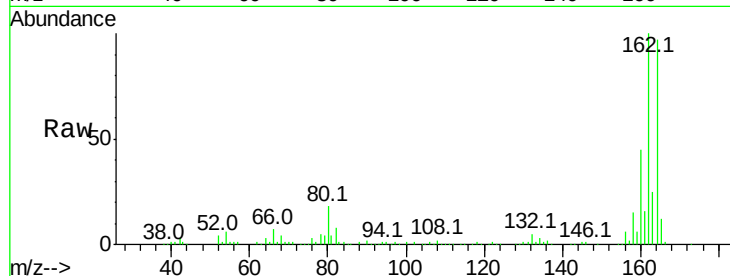
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.91 min Scan# 1330
Delta R.T. -0.01 min
Lab File: BF100821.D
Acq: 22 Nov 2017 12:51

Instrument :
BNA_F
ClientSampleId :
AU-05-112017-AMS

Tot Ion	Ratio	Lower	Upper
164	100		
162	102.9	86.1	129.1
160	46.4	38.3	57.5

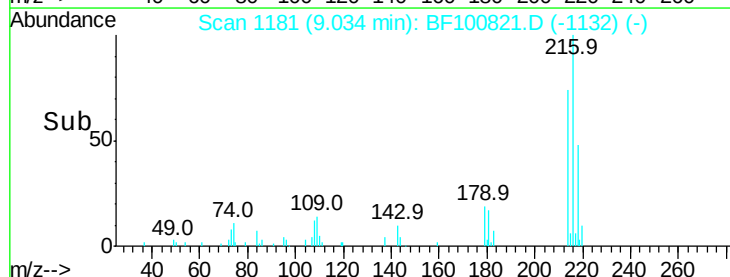
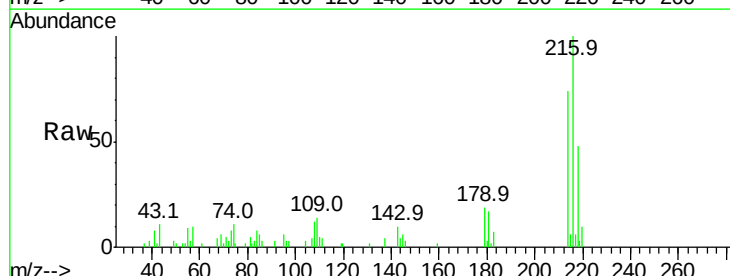
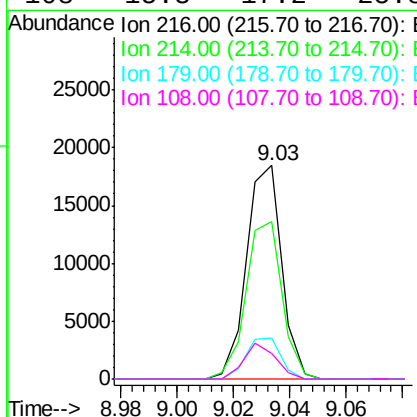
Manual Integrations
APPROVED

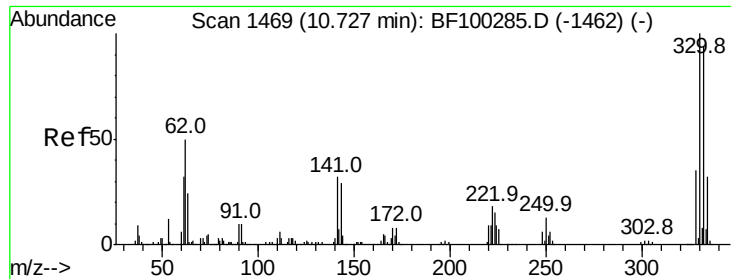
Sohil
11/27/2017 3:19:27 PM



#39
1,2,4,5-Tetrachlorobenzene
Concen: 4.321 ng
RT: 9.03 min Scan# 1181
Delta R.T. -0.01 min
Lab File: BF100821.D
Acq: 22 Nov 2017 12:51

Tgt Ion	Ratio	Lower	Upper
216	100		
214	75.9	63.0	94.4
179	19.0	18.1	27.1
108	15.3	17.2	25.8#





#41

2,4,6-Tribromophenol

Concen: 10.591 ng

RT: 10.69 min Scan# 1463

Delta R.T. -0.02 min

Lab File: BF100821.D

Acq: 22 Nov 2017 12:51

Instrument :

BNA_F

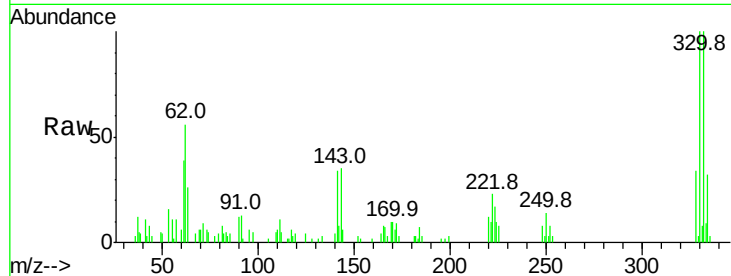
ClientSampleId :

AU-05-112017-AMS

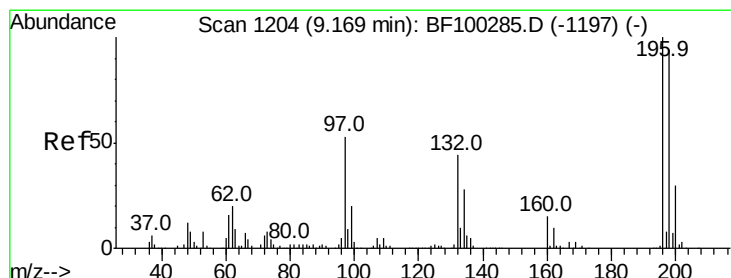
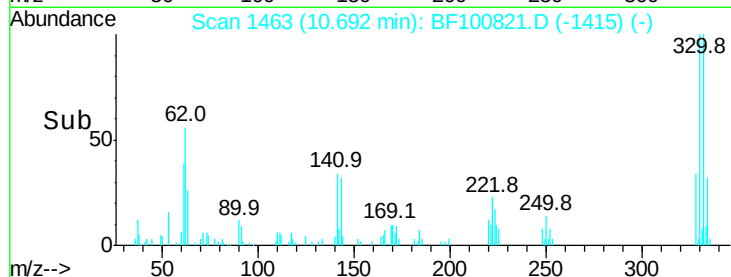
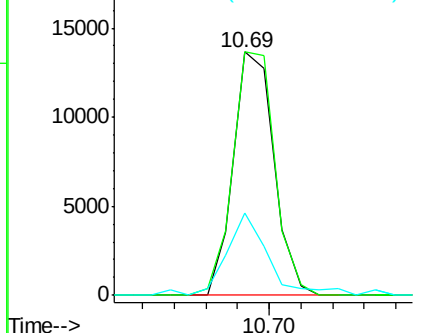
Tot Ion:	330	Resp:	12040
Ion Ratio	Lower	Upper	
330	100		
332	103.3	77.0	115.6
141	36.2	29.9	44.9

Manual Integrations
APPROVED

Sohil
11/27/2017 3:19:27 PM



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



#42

2,4,6-Trichlorophenol

Concen: 4.093 ng

RT: 9.14 min Scan# 1199

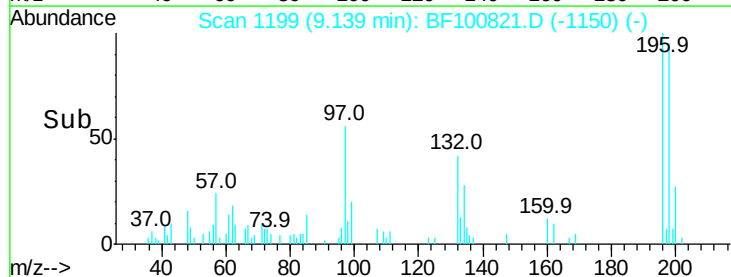
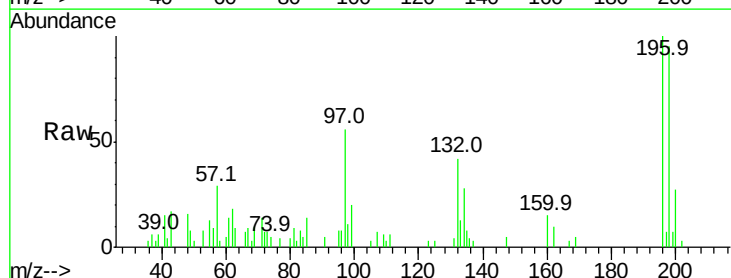
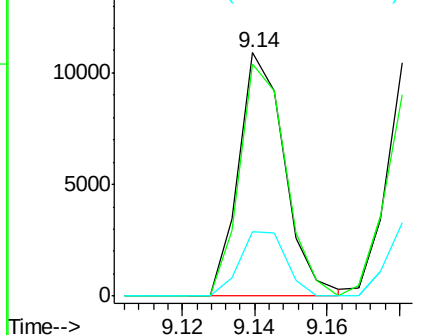
Delta R.T. -0.01 min

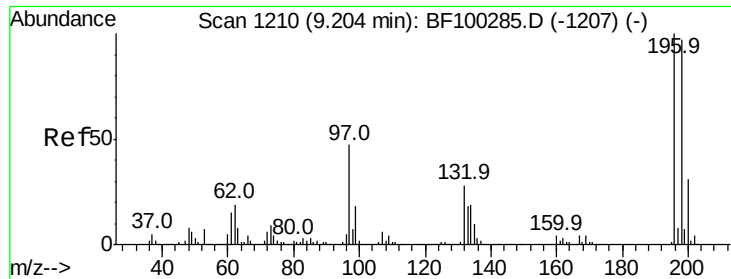
Lab File: BF100821.D

Acq: 22 Nov 2017 12:51

Tgt Ion:	196	Resp:	9597
Ion Ratio	Lower	Upper	
196	100		
198	95.1	75.7	113.5
200	26.7	24.5	36.7

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





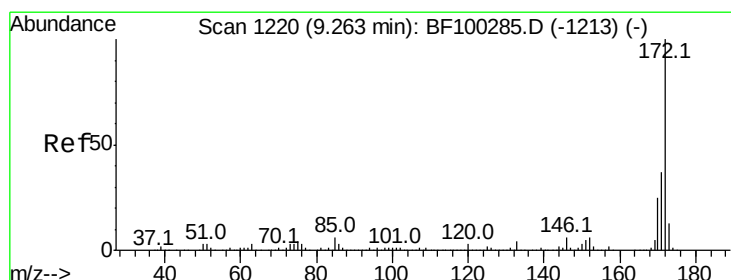
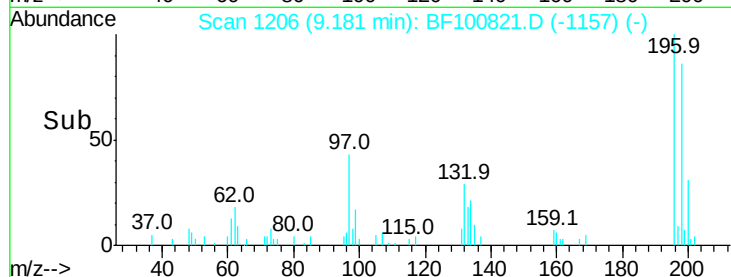
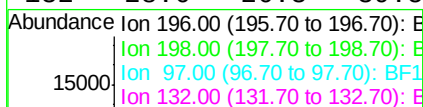
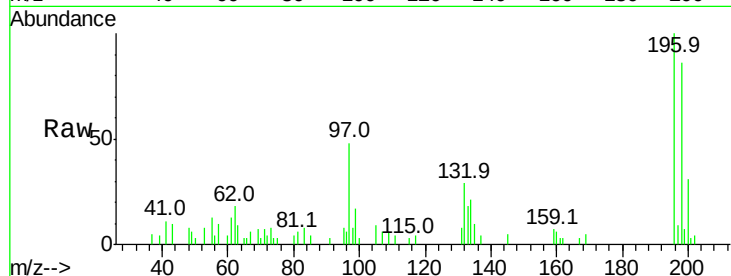
#43
 2,4,5-Trichlorophenol
 Concen: 4.121 ng
 RT: 9.18 min Scan# 1206
 Delta R.T. -0.01 min
 Lab File: BF100821.D
 Acq: 22 Nov 2017 12:51

Instrument :
 BNA_F
 ClientSampleId :
 AU-05-112017-AMS

Tot Ion	196	Resp	10011
Ion Ratio	Lower	Upper	
196	100		
198	86.3	74.6	112.0
97	47.8	42.9	64.3
132	28.6	26.3	39.5

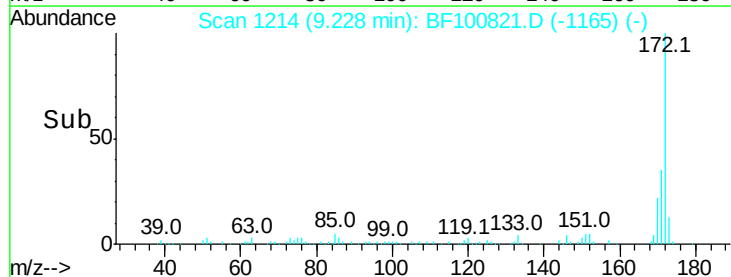
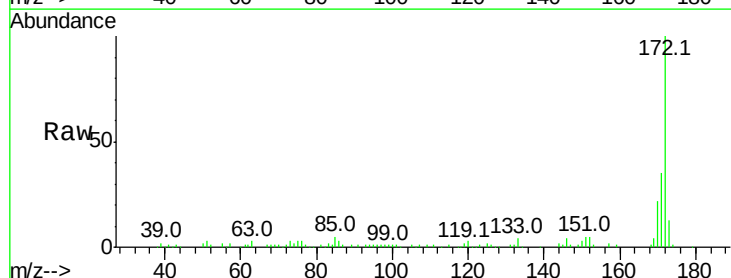
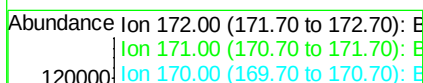
Manual Integrations
 APPROVED

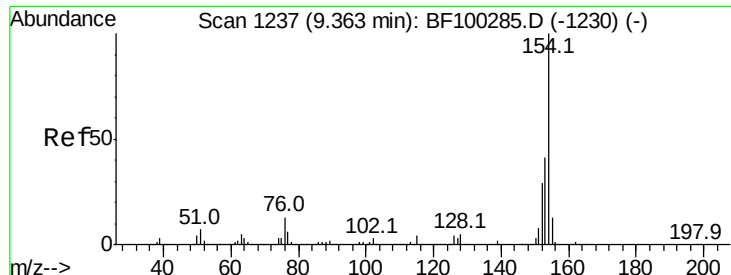
Sohil
 11/27/2017 3:19:27 PM



#44
 2-Fluorobiphenyl
 Concen: 11.157 ng
 RT: 9.23 min Scan# 1214
 Delta R.T. -0.01 min
 Lab File: BF100821.D
 Acq: 22 Nov 2017 12:51

Tgt Ion	172	Resp	81739
Ion Ratio	Lower	Upper	
172	100		
171	35.1	29.7	44.5
170	21.9	19.6	29.4





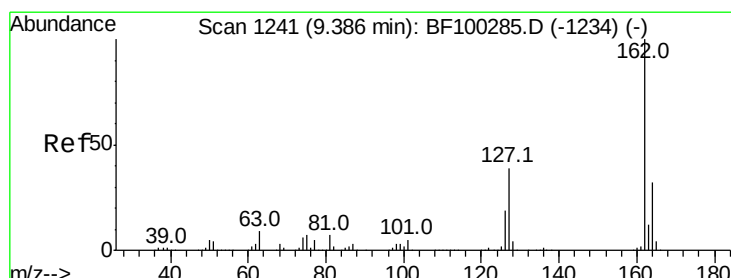
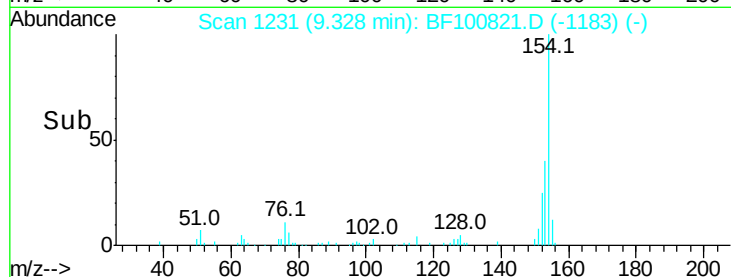
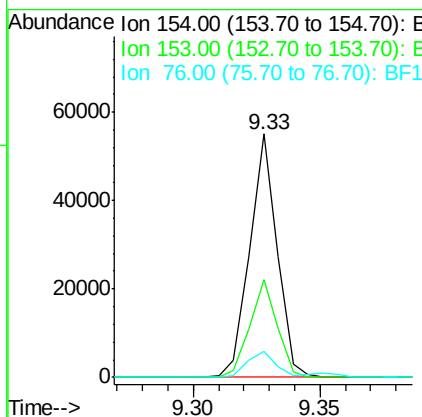
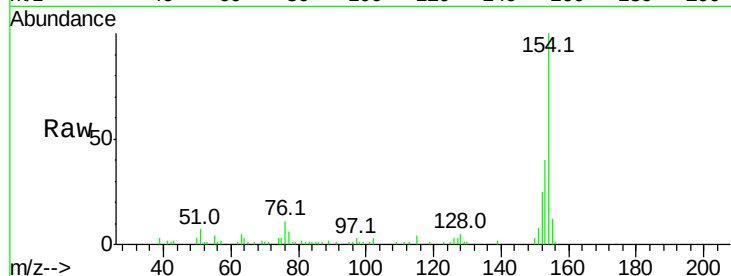
#45
 1,1'-Biphenyl
 Concen: 4.284 ng
 RT: 9.33 min Scan# 1231
 Delta R.T. -0.02 min
 Lab File: BF100821.D
 Acq: 22 Nov 2017 12:51

Instrument :
 BNA_F
 ClientSampleId :
 AU-05-112017-AMS

Tot Ion:	154	Resp:	41336
Ion Ratio	Lower	Upper	
154	100		
153	40.3	21.3	61.3
76	10.5	0.0	34.0

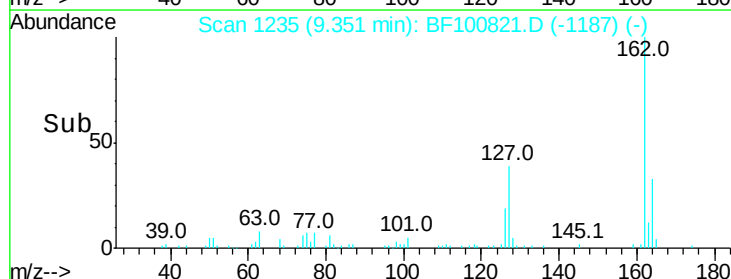
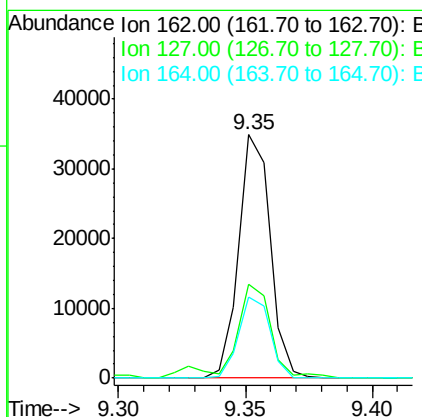
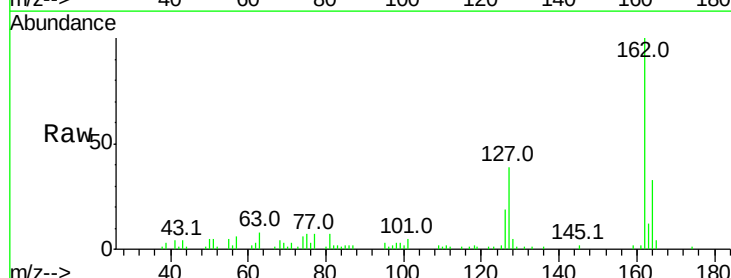
Manual Integrations
 APPROVED

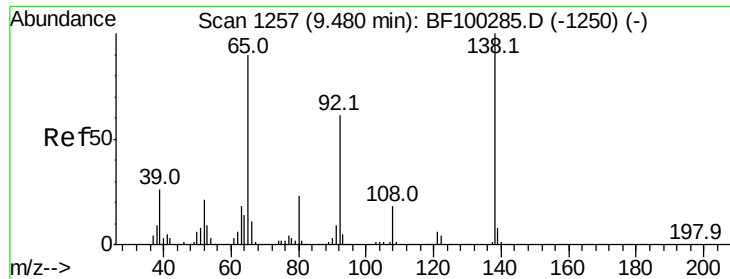
Sohil
 11/27/2017 3:19:27 PM



#46
 2-Chloronaphthalene
 Concen: 4.325 ng
 RT: 9.35 min Scan# 1235
 Delta R.T. -0.02 min
 Lab File: BF100821.D
 Acq: 22 Nov 2017 12:51

Tgt Ion:	162	Resp:	30276
Ion Ratio	Lower	Upper	
162	100		
127	38.7	33.9	50.9
164	33.4	26.5	39.7





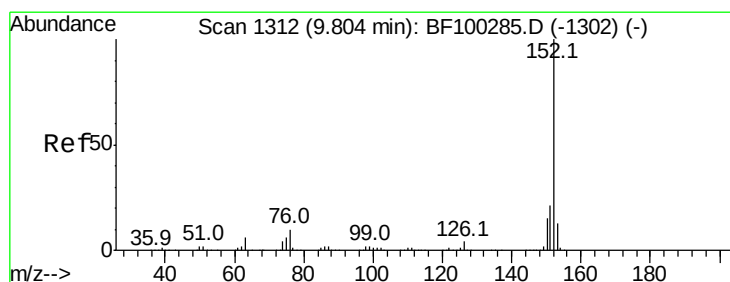
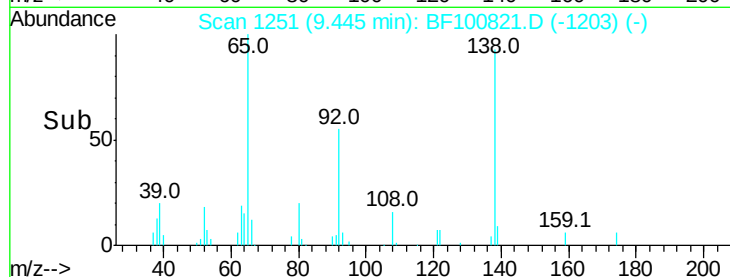
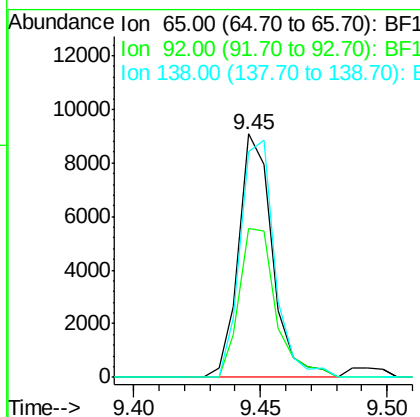
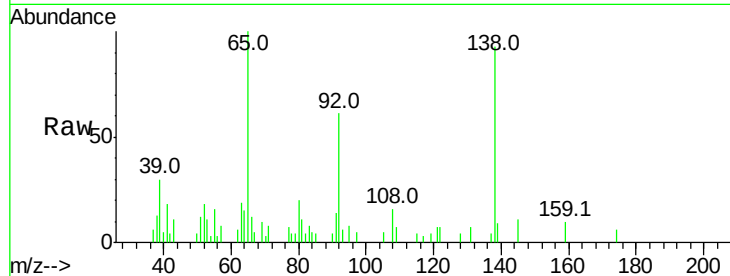
#47
2-Nitroaniline
Concen: 6.638 ng
RT: 9.45 min Scan# 1251
Delta R.T. -0.02 min
Lab File: BF100821.D
Acq: 22 Nov 2017 12:51

Instrument :
BNA_F
ClientSampleId :
AU-05-112017-AMS

Tot Ion	Ratio	Lower	Upper
65	100		
92	60.9	55.8	83.6
138	92.9	91.2	136.8

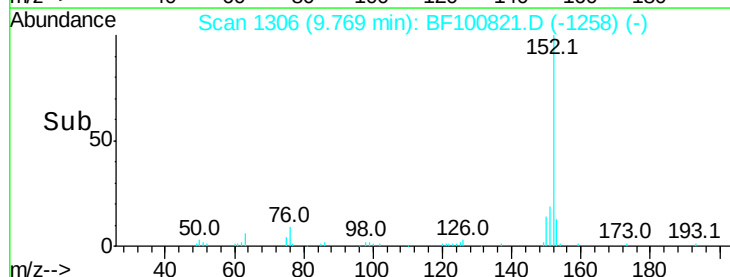
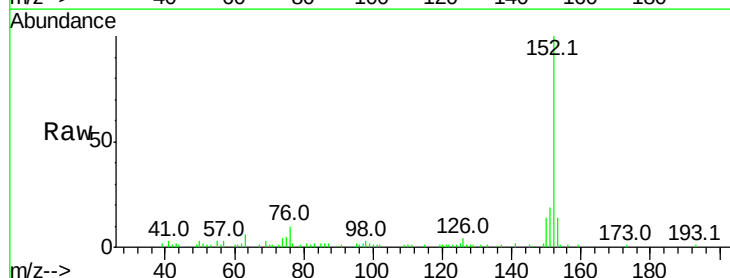
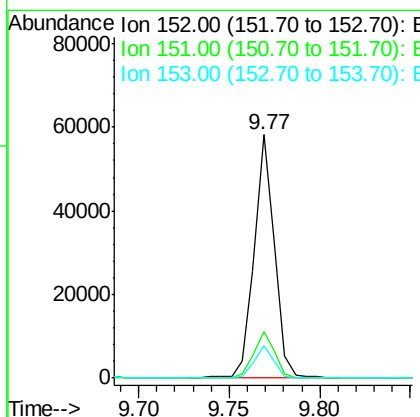
Manual Integrations
APPROVED

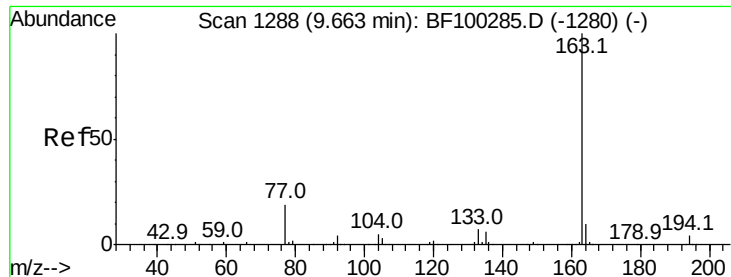
Sohil
11/27/2017 3:19:27 PM



#48
Acenaphthylene
Concen: 3.913 ng
RT: 9.77 min Scan# 1306
Delta R.T. -0.02 min
Lab File: BF100821.D
Acq: 22 Nov 2017 12:51

Tgt Ion	Ratio	Lower	Upper
152	100		
151	19.3	16.3	24.5
153	13.5	10.7	16.1





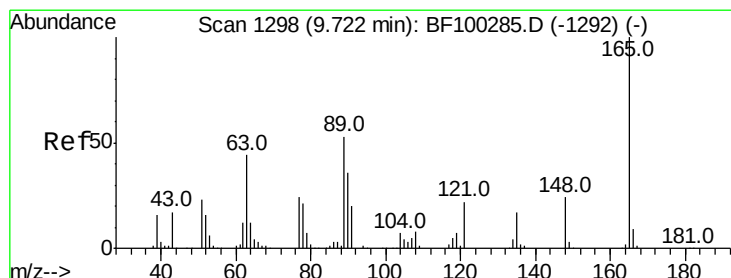
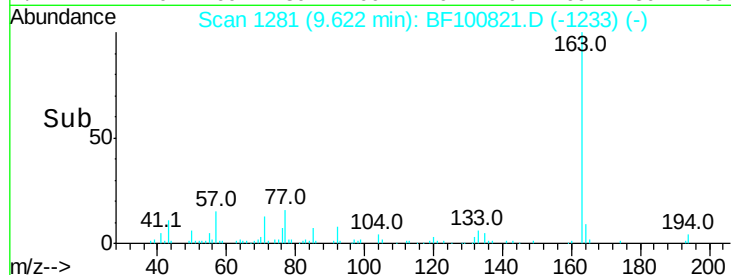
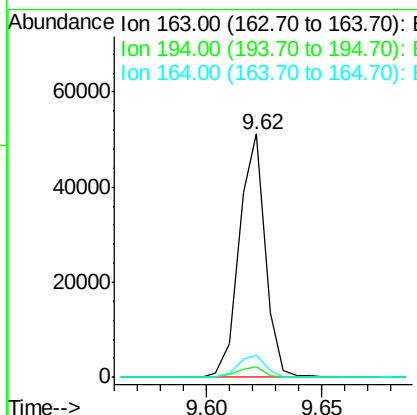
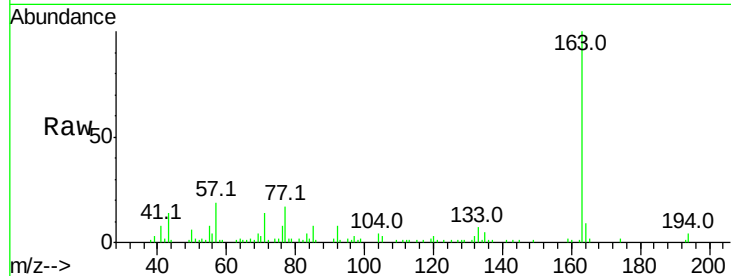
#49
 Dimethylphthalate
 Concen: 4.703 ng
 RT: 9.62 min Scan# 1281
 Delta R.T. -0.02 min
 Lab File: BF100821.D
 Acq: 22 Nov 2017 12:51

Instrument :
 BNA_F
 ClientSampleId :
 AU-05-112017-AMS

Tot Ion:	163	Resp:	40056
Ion Ratio	Lower	Upper	
163	100		
194	4.1	2.7	4.1#
164	9.3	8.2	12.2

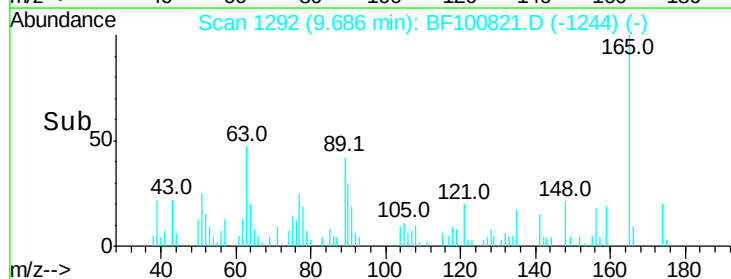
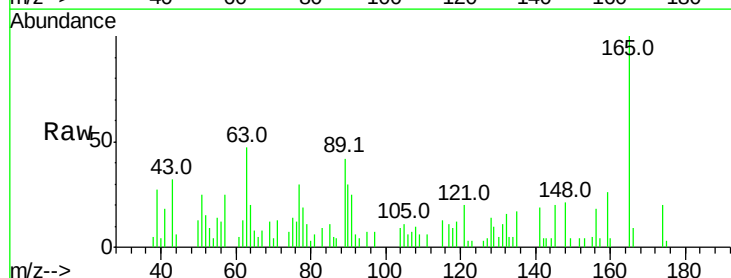
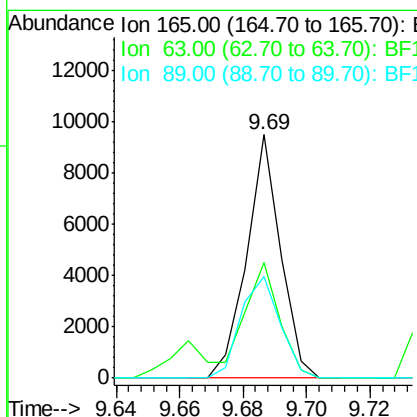
Manual Integrations
 APPROVED

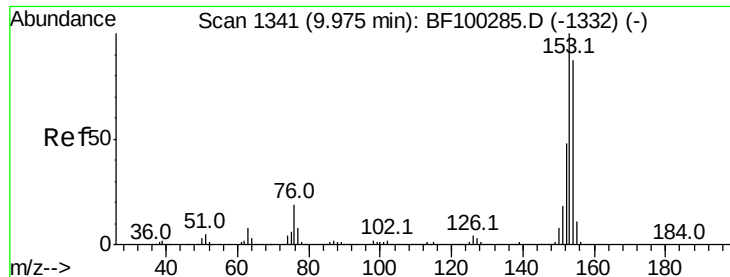
Sohil
 11/27/2017 3:19:27 PM



#50
 2,6-Dinitrotoluene
 Concen: 4.167 ng
 RT: 9.69 min Scan# 1292
 Delta R.T. -0.02 min
 Lab File: BF100821.D
 Acq: 22 Nov 2017 12:51

Tgt Ion:	165	Resp:	7025
Ion Ratio	Lower	Upper	
165	100		
63	47.4	44.7	67.1
89	41.9	44.0	66.0#





#51

Acenaphthene

Concen: 3.666 ng

RT: 9.94 min Scan# 1335

Delta R.T. -0.02 min

Lab File: BF100821.D

Acq: 22 Nov 2017 12:51

Instrument :

BNA_F

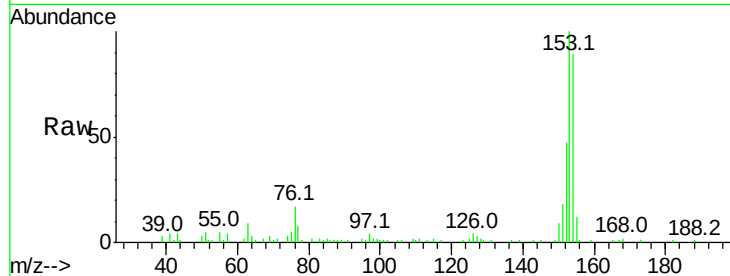
ClientSampleId :

AU-05-112017-AMS

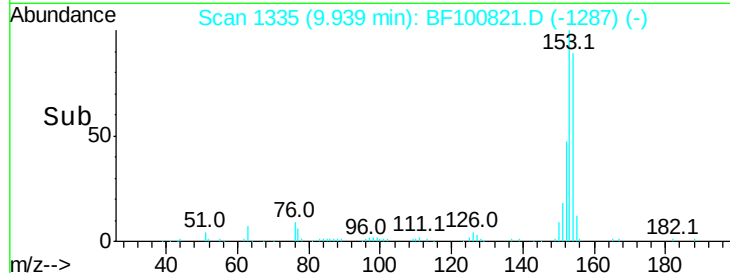
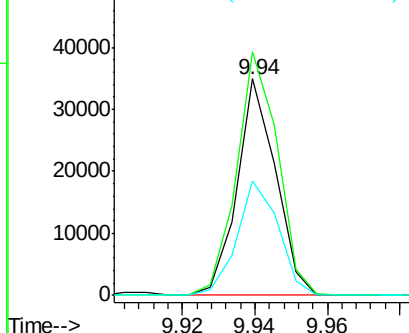
Tot Ion:	154	Resp:	25866
Ion Ratio	Lower	Upper	
154	100		
153	112.4	91.2	136.8
152	52.6	43.8	65.8

Manual Integrations
APPROVED

Sohil
11/27/2017 3:19:27 PM



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 2.474 ng

RT: 9.86 min Scan# 1321

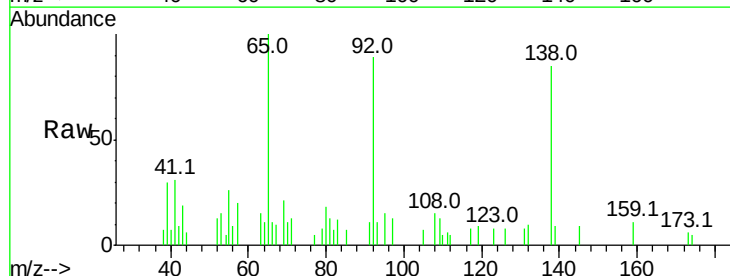
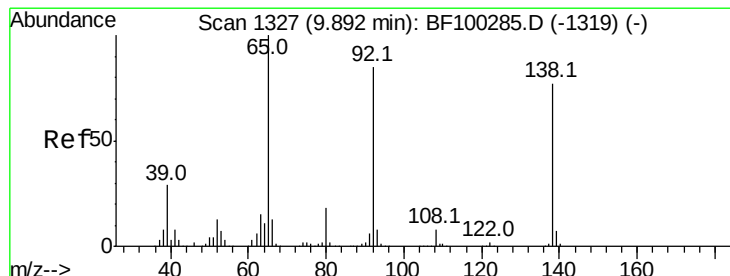
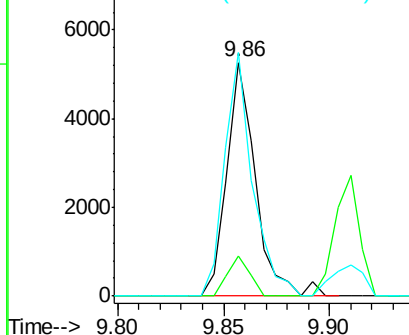
Delta R.T. -0.02 min

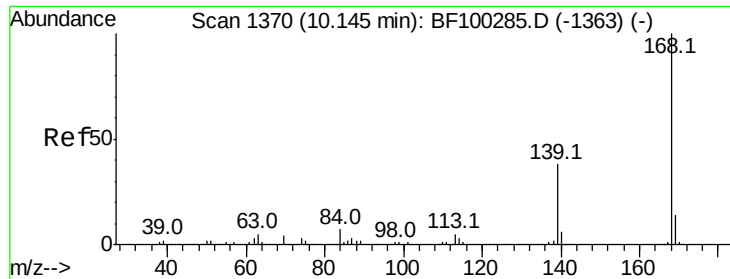
Lab File: BF100821.D

Acq: 22 Nov 2017 12:51

Tgt Ion:	138	Resp:	4926
Ion Ratio	Lower	Upper	
138	100		
108	17.4	9.4	14.0#
92	104.3	89.4	134.2

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): BF1





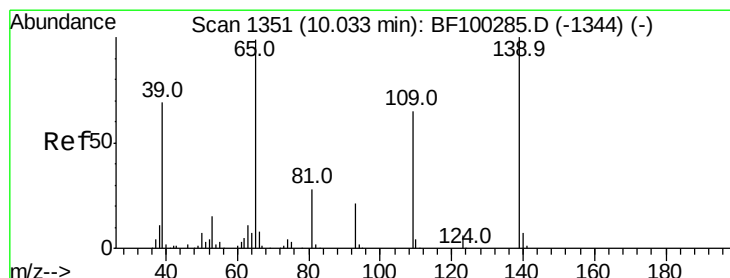
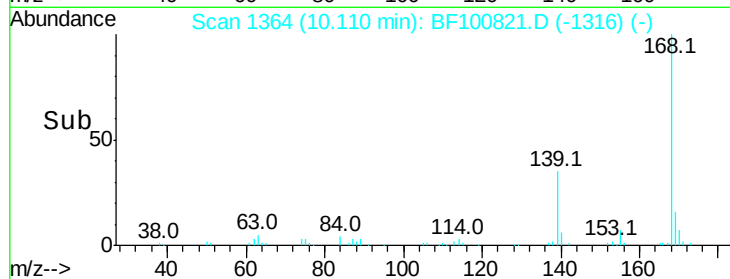
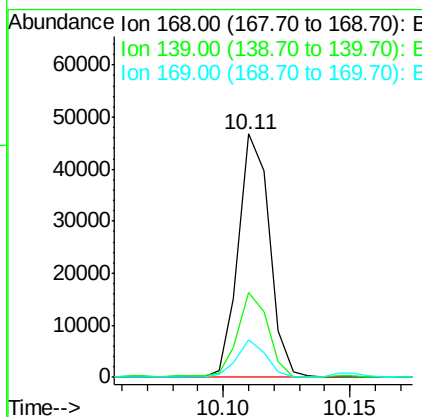
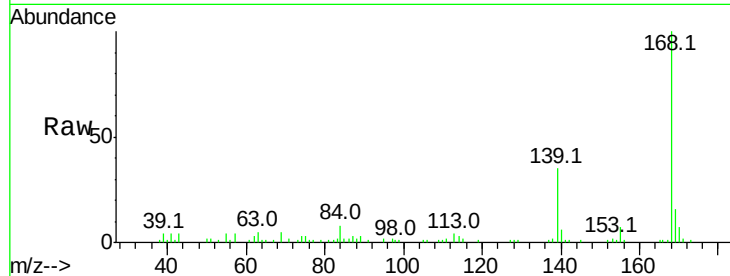
#54
Dibenzenofuran
Concen: 4.025 ng
RT: 10.11 min Scan# 1364
Delta R.T. -0.02 min
Lab File: BF100821.D
Acq: 22 Nov 2017 12:51

Instrument :
BNA_F
ClientSampleId :
AU-05-112017-AMS

Tot Ion	Ratio	Lower	Upper
168	100		
139	35.0	30.1	45.1
169	15.6	10.9	16.3

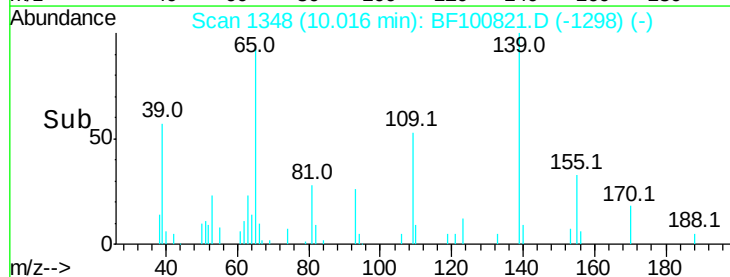
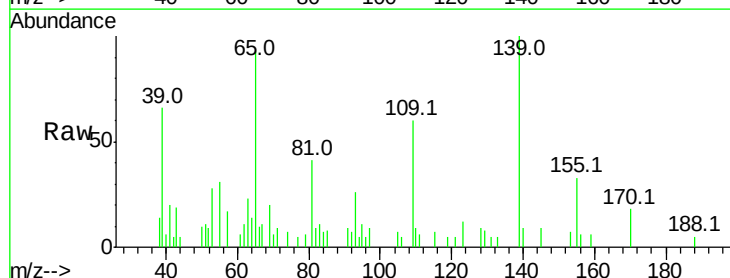
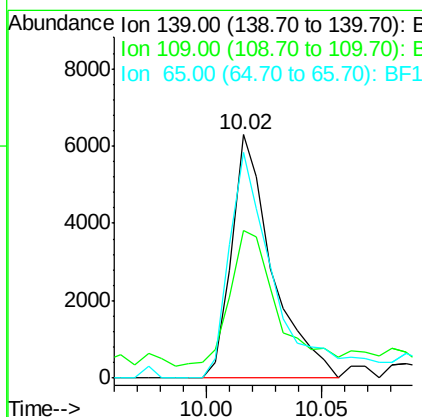
Manual Integrations
APPROVED

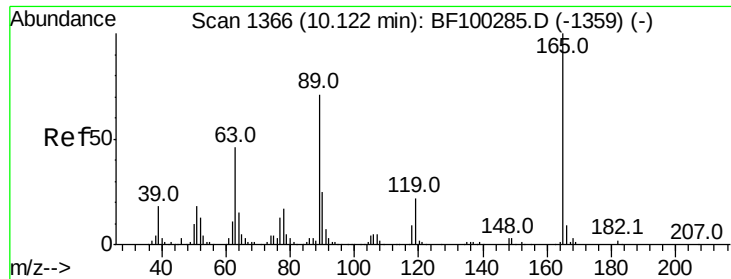
Sohil
11/27/2017 3:19:27 PM



#55
4-Nitrophenol
Concen: 4.775 ng
RT: 10.02 min Scan# 1348
Delta R.T. -0.01 min
Lab File: BF100821.D
Acq: 22 Nov 2017 12:51

Tgt Ion	Ratio	Lower	Upper
139	100		
109	60.4	48.4	88.4
65	92.8	72.6	112.6





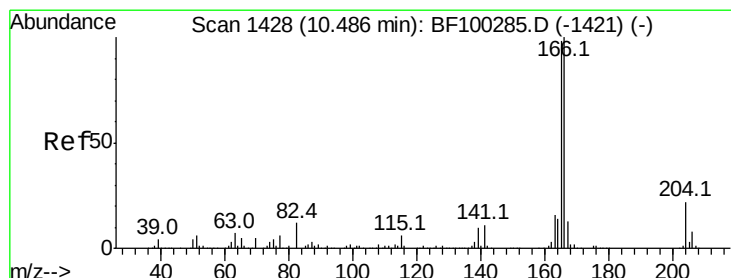
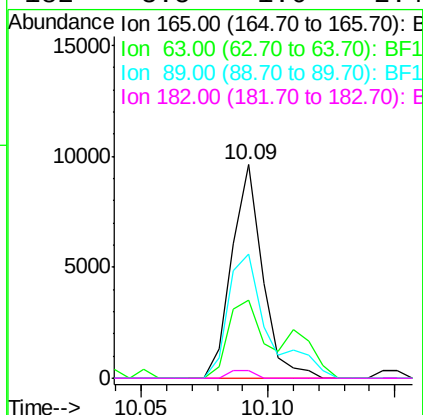
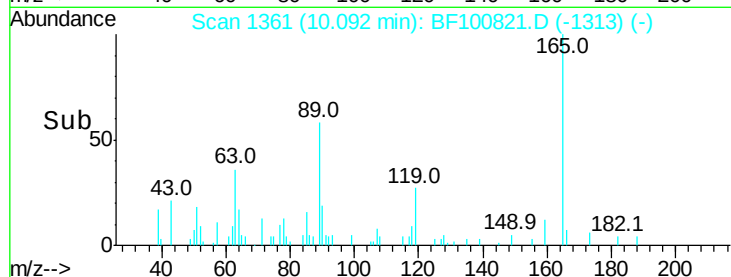
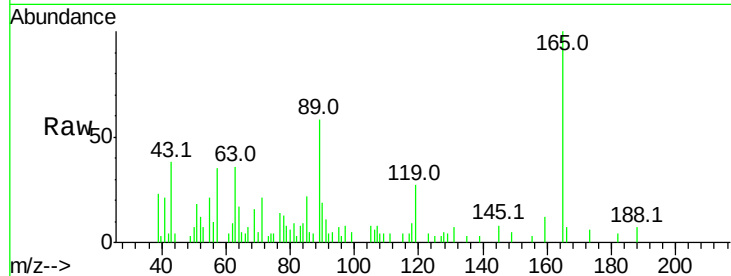
#56
2,4-Dinitrotoluene
Concen: 3.824 ng
RT: 10.09 min Scan# 1361
Delta R.T. -0.02 min
Lab File: BF100821.D
Acq: 22 Nov 2017 12:51

Instrument :
BNA_F
ClientSampleId :
AU-05-112017-AMS

Tot Ion	Ratio	Lower	Upper
165	100		
63	36.5	36.4	54.6
89	58.3	57.8	86.6
182	3.5	1.6	2.4#

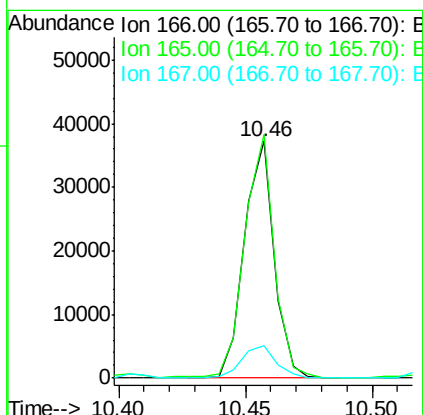
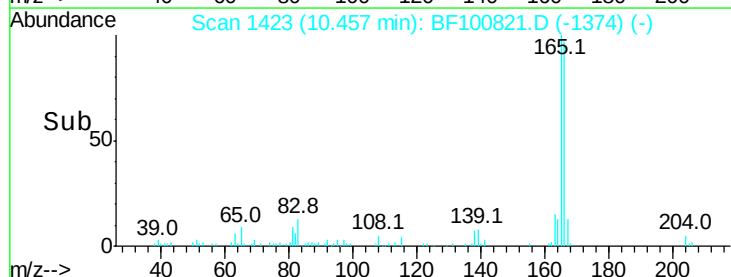
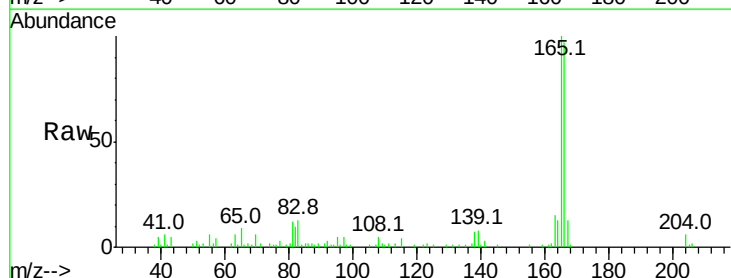
Manual Integrations
APPROVED

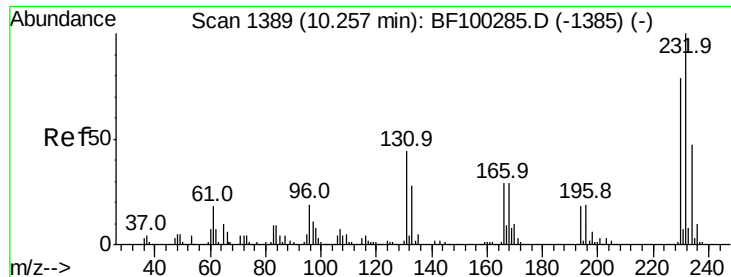
Sohil
11/27/2017 3:19:27 PM



#57
Fluorene
Concen: 4.183 ng
RT: 10.46 min Scan# 1423
Delta R.T. -0.01 min
Lab File: BF100821.D
Acq: 22 Nov 2017 12:51

Tgt Ion	Ratio	Lower	Upper
166	100		
165	102.9	79.8	119.8
167	13.6	10.6	16.0





#58

2,3,4,6-Tetrachlorophenol

Concen: 3.115 ng

RT: 10.23 min Scan# 1384

Delta R.T. -0.01 min

Lab File: BF100821.D

Acq: 22 Nov 2017 12:51

Instrument :

BNA_F

ClientSampleId :

AU-05-112017-AMS

Tot Ion:232 Resp: 6202

Ion Ratio Lower Upper

232 100

131 65.9 43.8 65.8#

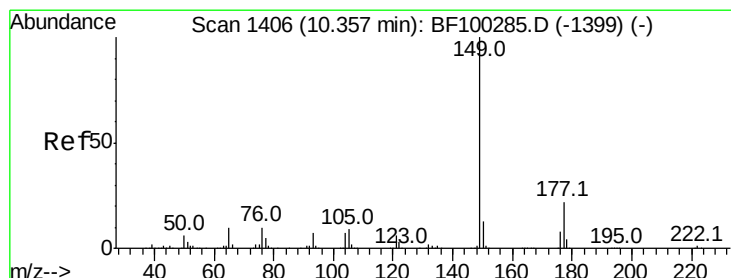
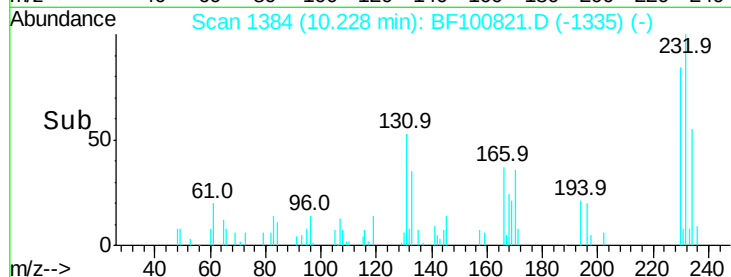
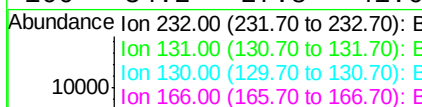
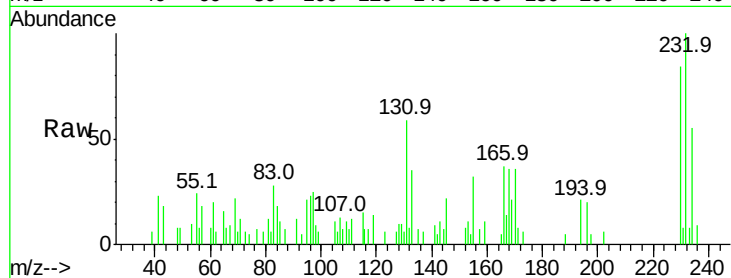
130 6.6 2.1 3.1#

166 34.2 27.8 41.6

Manual Integrations
APPROVED

Sohil

11/27/2017 3:19:27 PM



#59

Diethylphthalate

Concen: 3.841 ng

RT: 10.32 min Scan# 1400

Delta R.T. -0.02 min

Lab File: BF100821.D

Acq: 22 Nov 2017 12:51

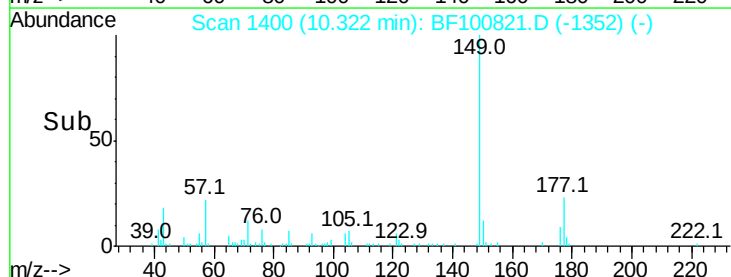
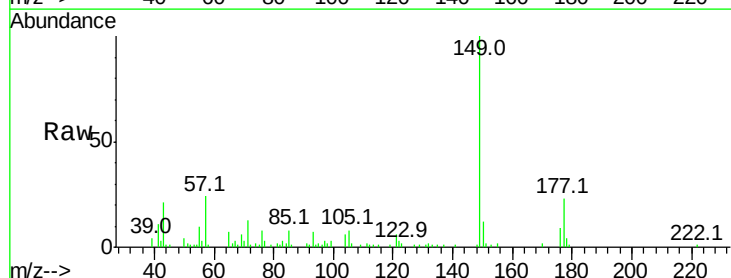
Tgt Ion:149 Resp: 32737

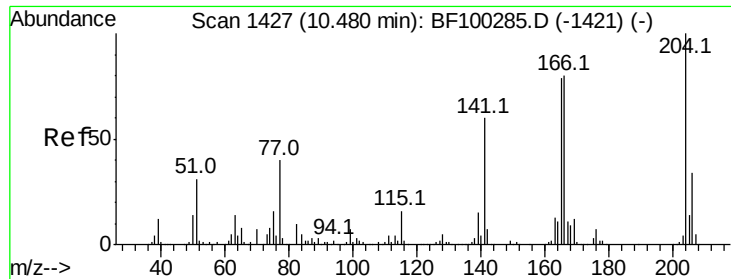
Ion Ratio Lower Upper

149 100

177 23.1 16.1 24.1

150 11.8 10.1 15.1





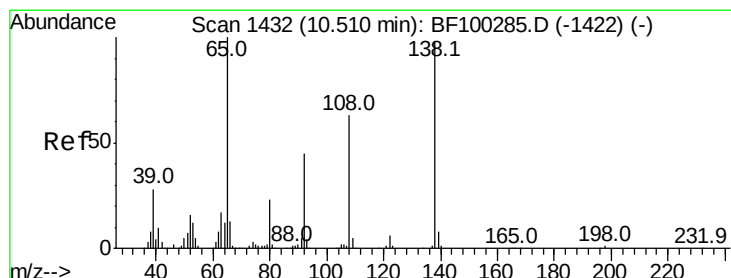
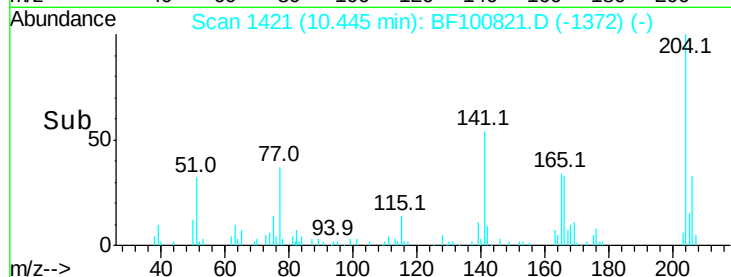
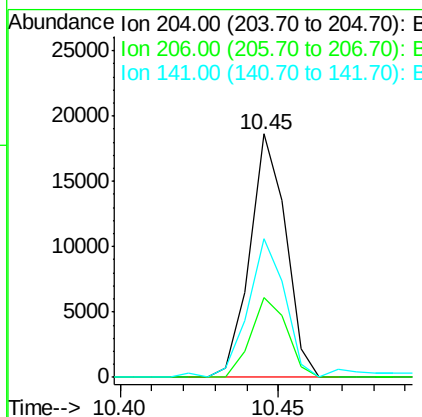
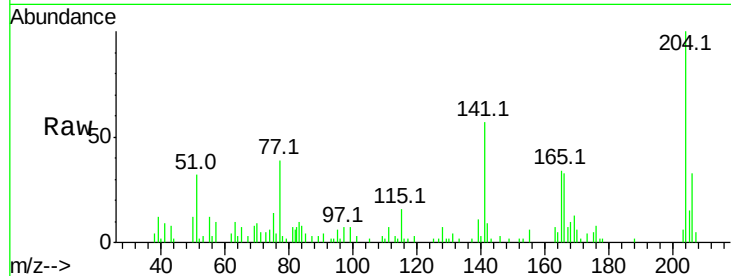
#60
 4-Chlorophenyl-phenylether
 Concen: 4.132 ng
 RT: 10.45 min Scan# 1421
 Delta R.T. -0.01 min
 Lab File: BF100821.D
 Acq: 22 Nov 2017 12:51

Instrument :
 BNA_F
 ClientSampleId :
 AU-05-112017-AMS

Tot Ion	Ratio	Lower	Upper
204	100		
206	32.8	26.5	39.7
141	56.8	54.6	81.8

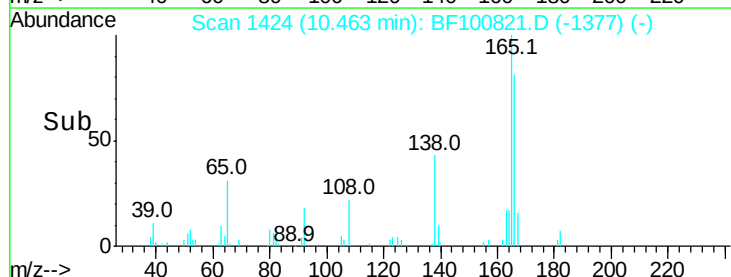
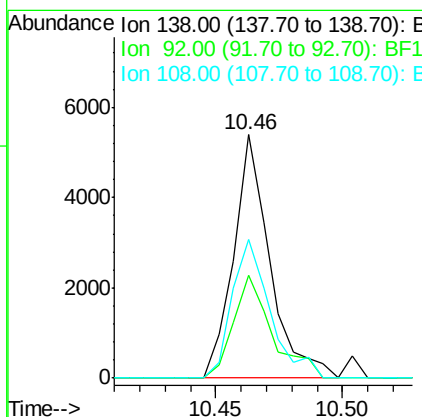
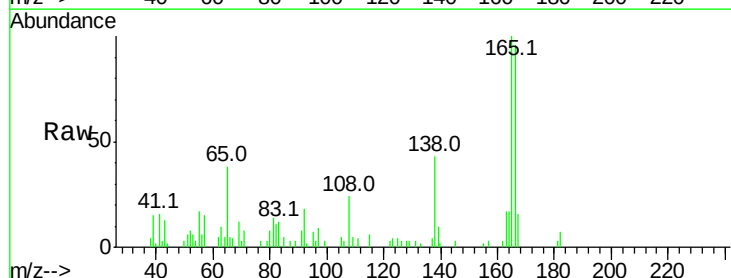
Manual Integrations
 APPROVED

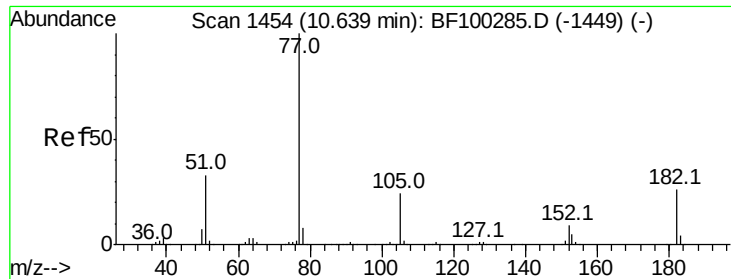
Sohil
 11/27/2017 3:19:27 PM



#61
 4-Nitroaniline
 Concen: 2.831 ng
 RT: 10.46 min Scan# 1424
 Delta R.T. -0.02 min
 Lab File: BF100821.D
 Acq: 22 Nov 2017 12:51

Tgt Ion	Ratio	Lower	Upper
138	100		
92	42.4	30.2	70.2
108	57.0	52.5	92.5





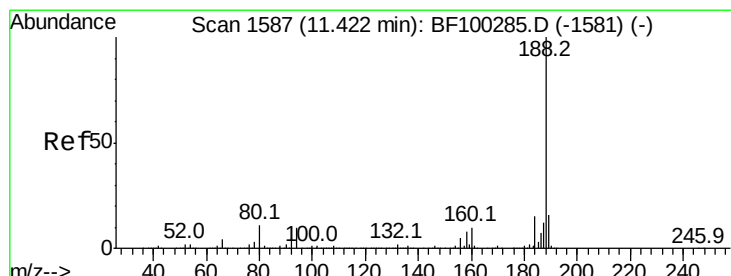
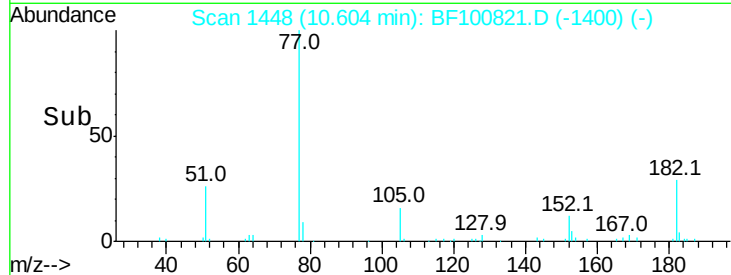
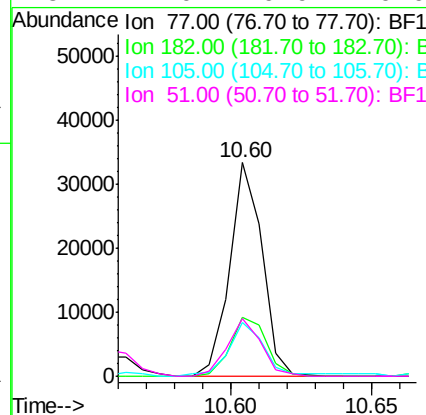
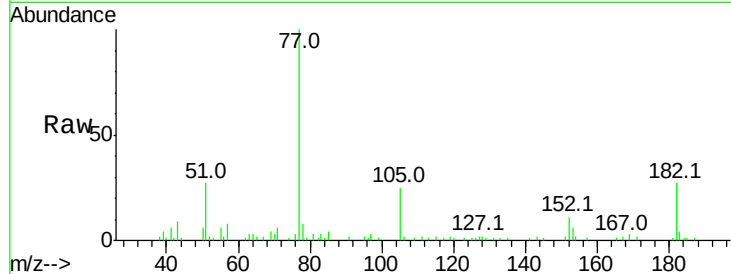
#62
Azobenzene
Concen: 3.311 ng
RT: 10.60 min Scan# 1448
Delta R.T. -0.02 min
Lab File: BF100821.D
Acq: 22 Nov 2017 12:51

Instrument :
BNA_F
ClientSampleId :
AU-05-112017-AMS

Tot Ion	Ion	Ratio	Lower	Upper
77	100			
182	27.4	1.7	41.7	
105	25.5	3.0	43.0	
51	27.0	9.9	49.9	

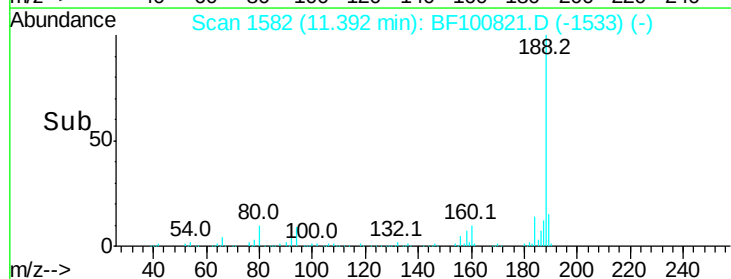
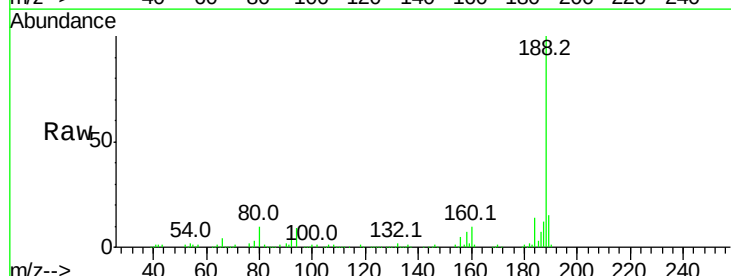
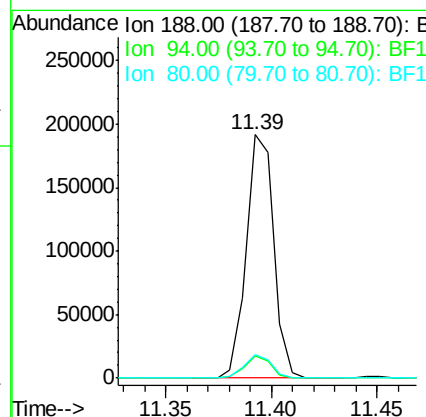
Manual Integrations
APPROVED

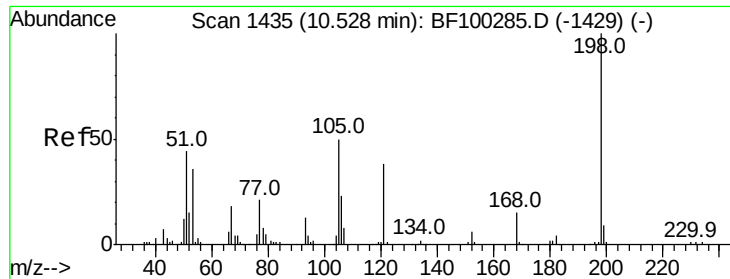
Sohil
11/27/2017 3:19:27 PM



#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.39 min Scan# 1582
Delta R.T. -0.01 min
Lab File: BF100821.D
Acq: 22 Nov 2017 12:51

Tgt Ion	Ion	Ratio	Lower	Upper
188	100			
94	9.3	8.5	12.7	
80	9.7	9.2	13.8	





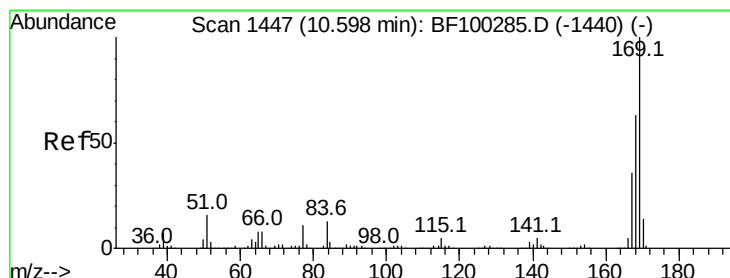
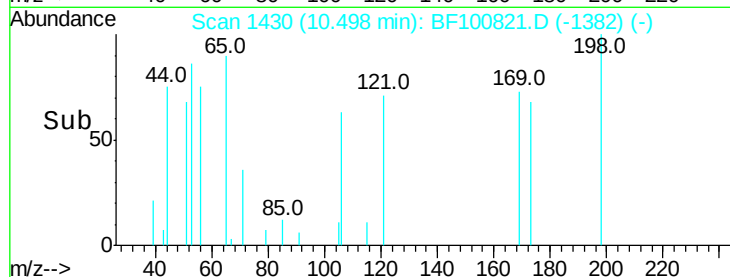
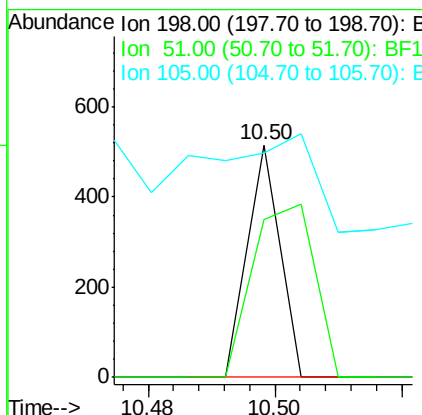
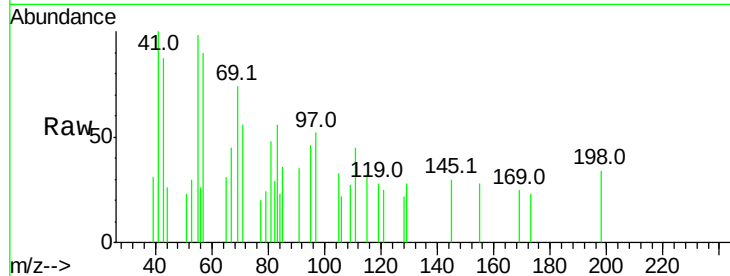
#64
4,6-Dinitro-2-methylphenol
Concen: 8.742 ng
RT: 10.50 min Scan# 1430
Delta R.T. -0.02 min
Lab File: BF100821.D
Acq: 22 Nov 2017 12:51

Instrument :
BNA_F
ClientSampleId :
AU-05-112017-AMS

Tot Ion	Ratio	Lower	Upper
198	100		
51	68.0	37.7	77.7
105	96.9	36.3	76.3#

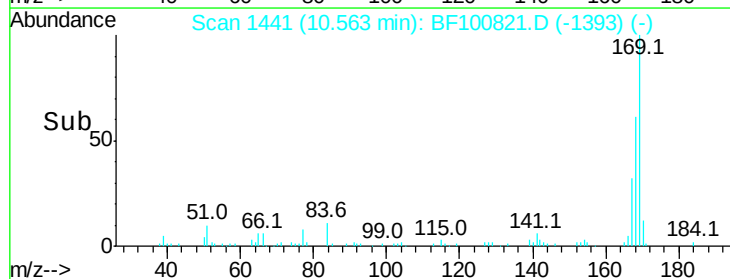
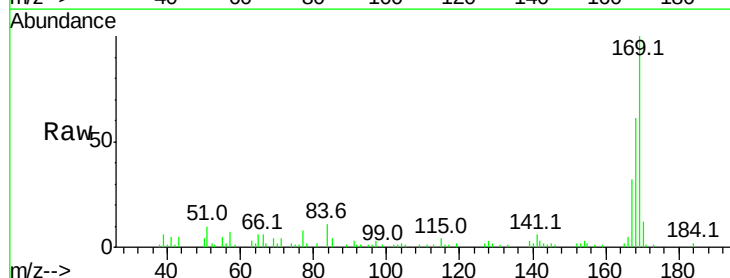
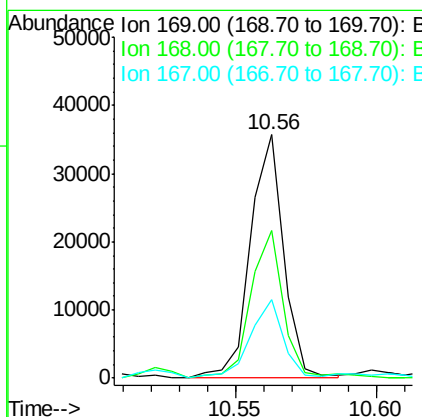
Manual Integrations
APPROVED

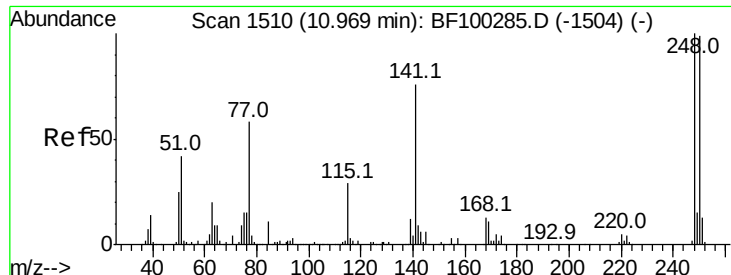
Sohil
11/27/2017 3:19:27 PM



#65
n-Nitrosodiphenylamine
Concen: 4.891 ng
RT: 10.56 min Scan# 1441
Delta R.T. -0.02 min
Lab File: BF100821.D
Acq: 22 Nov 2017 12:51

Tgt Ion	Ratio	Lower	Upper
169	100		
168	60.7	54.4	81.6
167	32.1	29.8	44.6





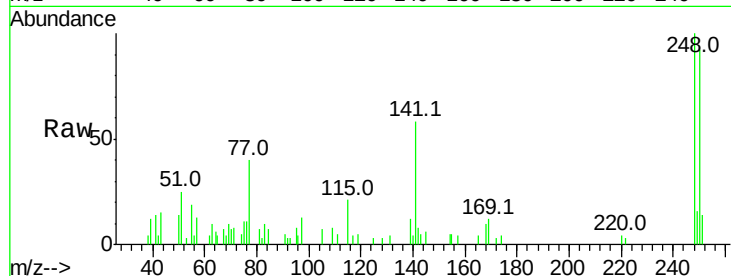
#66
4-Bromophenyl-phenylether
Concen: 4.486 ng
RT: 10.94 min Scan# 1505
Delta R.T. -0.01 min
Lab File: BF100821.D
Acq: 22 Nov 2017 12:51

Instrument :
BNA_F
ClientSampled :
AU-05-112017-AMS

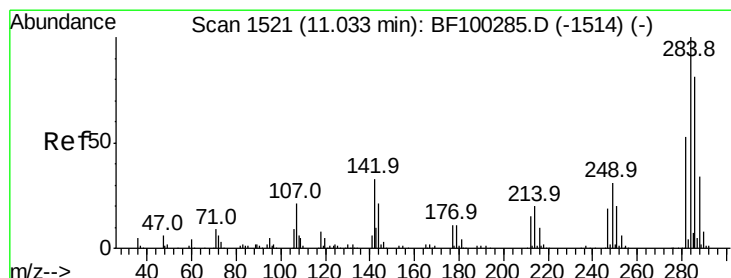
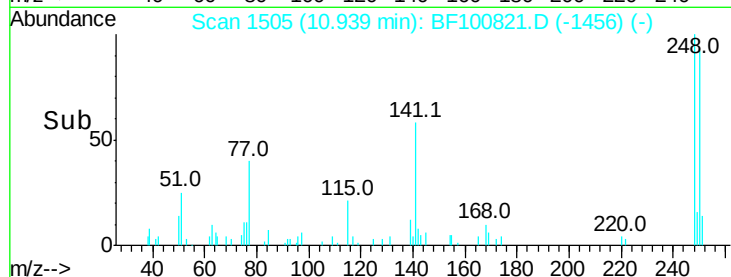
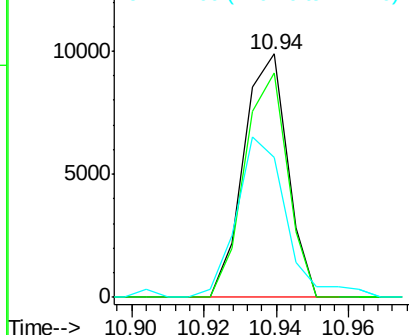
Tot Ion	Ratio	Lower	Upper
248	100		
250	92.4	76.9	115.3
141	57.6	74.4	111.6#

Manual Integrations
APPROVED

Sohil
11/27/2017 3:19:27 PM



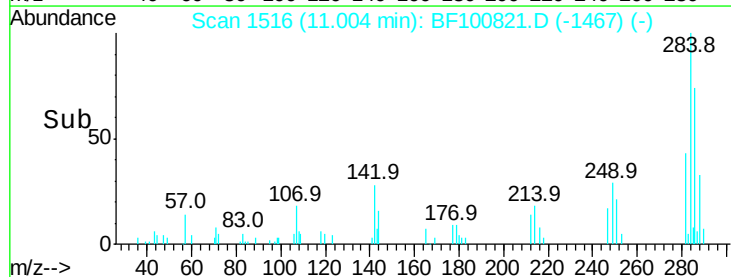
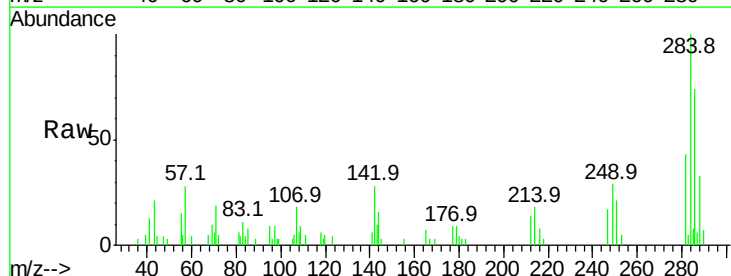
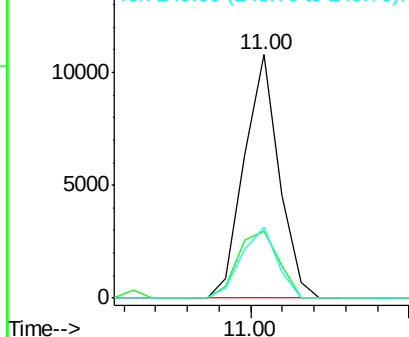
Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

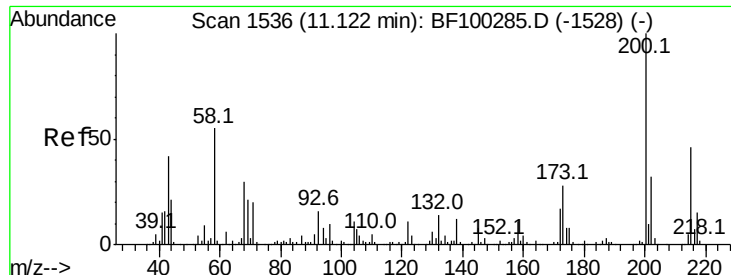


#67
Hexachlorobenzene
Concen: 4.267 ng
RT: 11.00 min Scan# 1516
Delta R.T. -0.01 min
Lab File: BF100821.D
Acq: 22 Nov 2017 12:51

Tgt Ion	Ratio	Lower	Upper
284	100		
142	27.5	34.6	52.0#
249	29.3	24.8	37.2

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





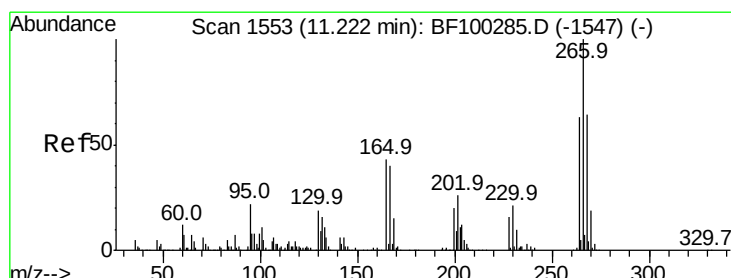
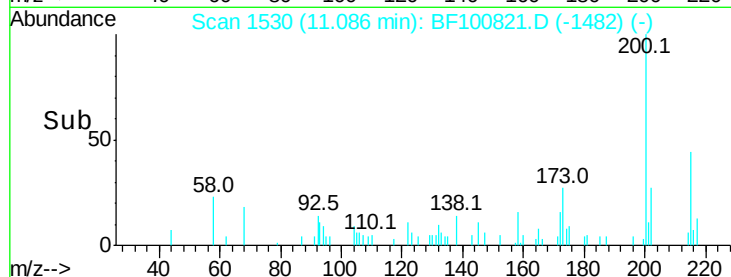
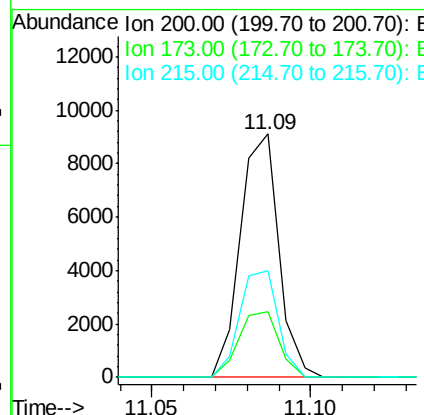
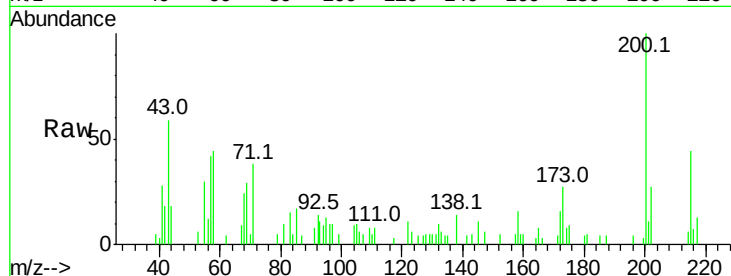
#68
Atrazine
Concen: 4.215 ng
RT: 11.09 min Scan# 1530
Delta R.T. -0.02 min
Lab File: BF100821.D
Acq: 22 Nov 2017 12:51

Instrument :
BNA_F
ClientSampleId :
AU-05-112017-AMS

Tot Ion	Ratio	Lower	Upper
200	100		
173	26.7	8.6	48.6
215	43.8	25.1	65.1

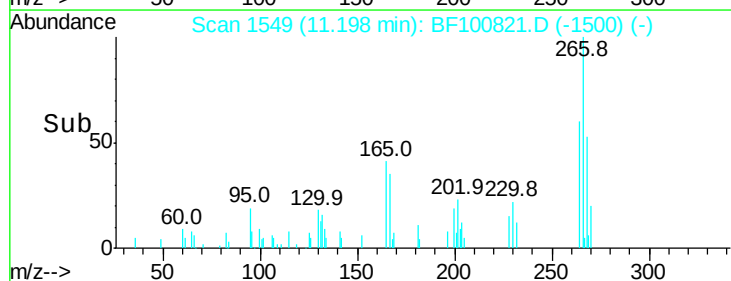
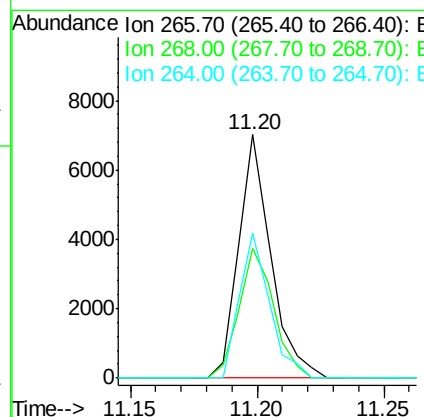
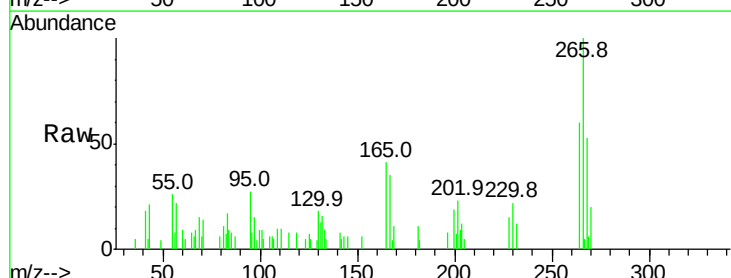
Manual Integrations
APPROVED

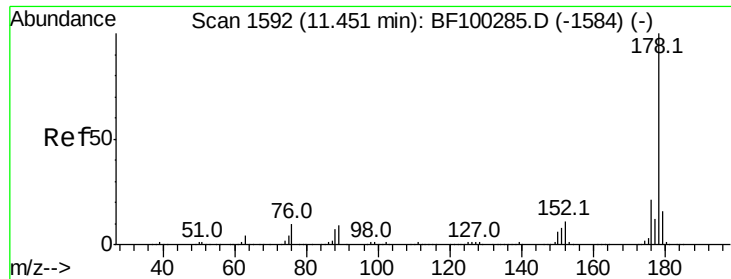
Sohil
11/27/2017 3:19:27 PM



#69
Pentachlorophenol
Concen: 4.460 ng
RT: 11.20 min Scan# 1549
Delta R.T. -0.01 min
Lab File: BF100821.D
Acq: 22 Nov 2017 12:51

Tgt Ion	Ratio	Lower	Upper
266	100		
268	53.4	51.1	76.7
264	59.8	49.5	74.3





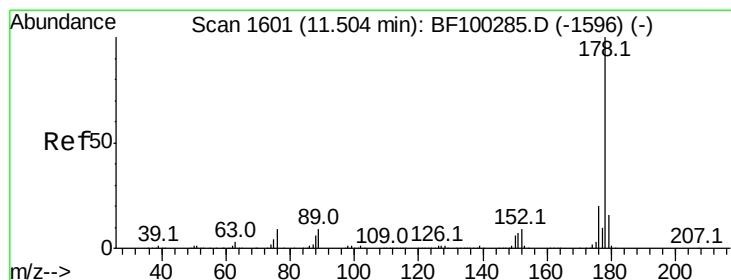
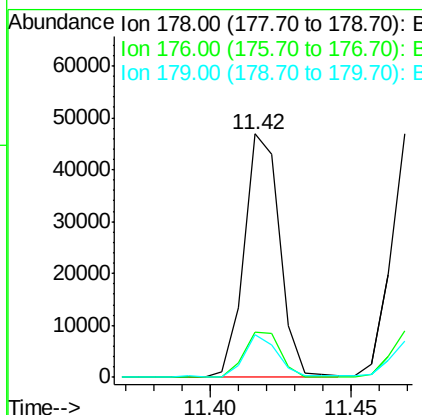
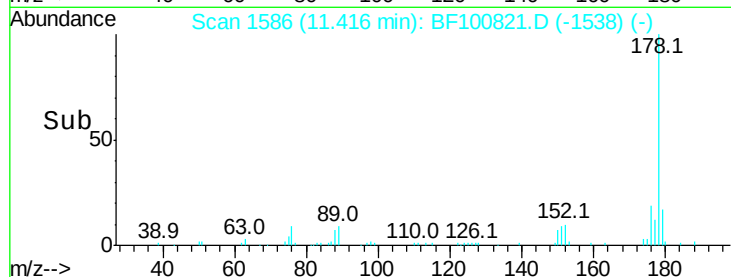
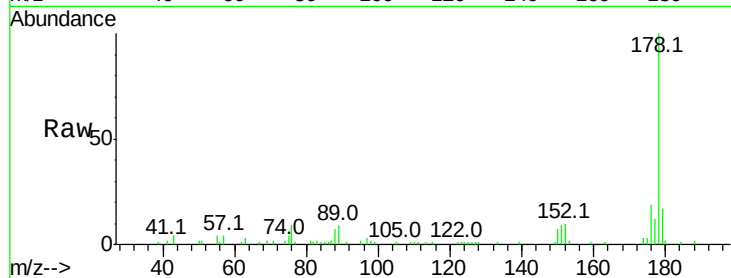
#70
Phenanthrene
Concen: 4.528 ng
RT: 11.42 min Scan# 1586
Delta R.T. -0.02 min
Lab File: BF100821.D
Acq: 22 Nov 2017 12:51

Instrument :
BNA_F
ClientSampleId :
AU-05-112017-AMS

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.7	15.8	23.8
179	17.4	13.0	19.6

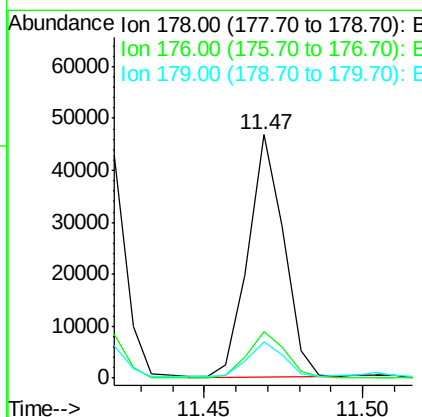
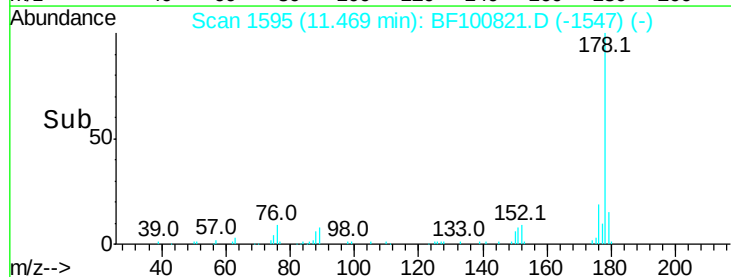
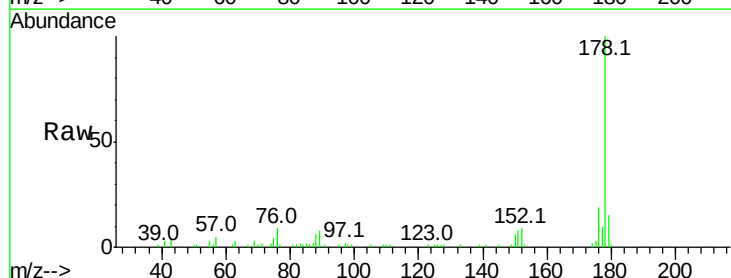
Manual Integrations
APPROVED

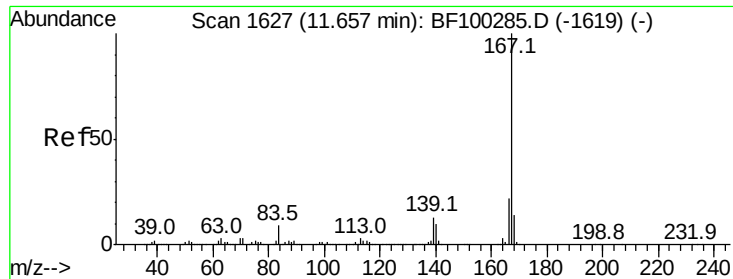
Sohil
11/27/2017 3:19:27 PM



#71
Anthracene
Concen: 3.970 ng
RT: 11.47 min Scan# 1595
Delta R.T. -0.02 min
Lab File: BF100821.D
Acq: 22 Nov 2017 12:51

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.4	23.2
179	14.7	12.6	19.0





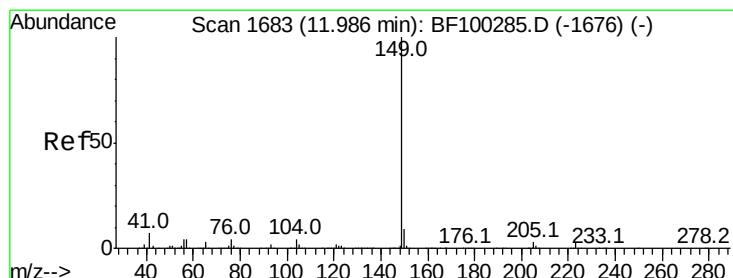
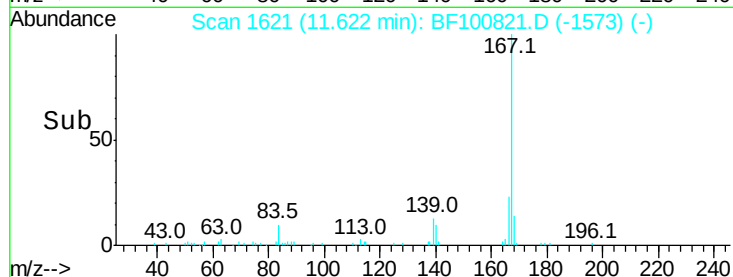
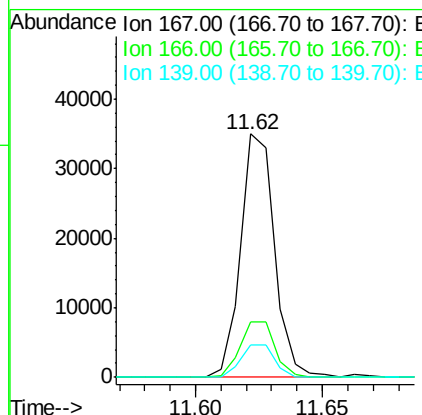
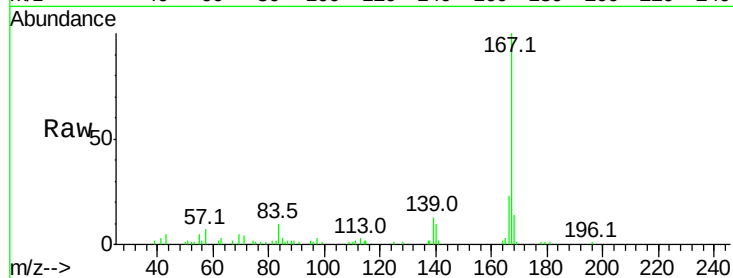
#72
 Carbazole
 Concen: 3.834 ng
 RT: 11.62 min Scan# 1621
 Delta R.T. -0.02 min
 Lab File: BF100821.D
 Acq: 22 Nov 2017 12:51

Instrument :
 BNA_F
 ClientSampleId :
 AU-05-112017-AMS

Tot Ion	Ratio	Lower	Upper
167	100		
166	22.6	17.6	26.4
139	13.1	10.9	16.3

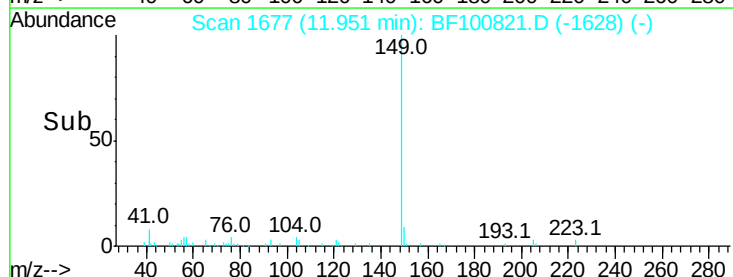
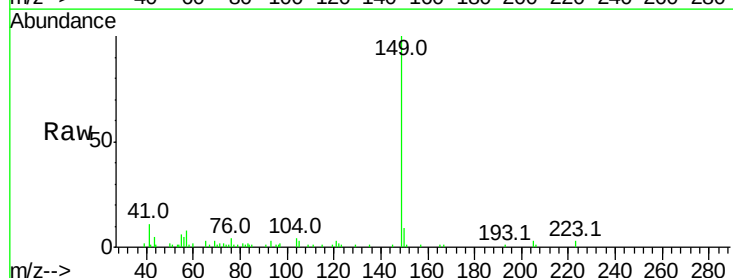
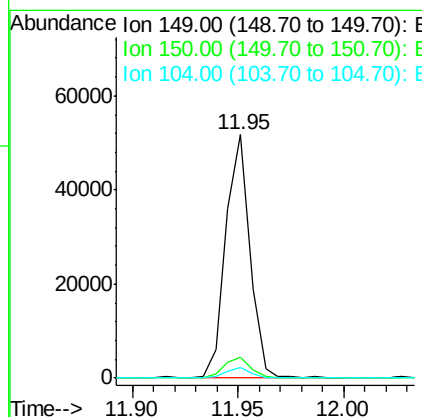
Manual Integrations
 APPROVED

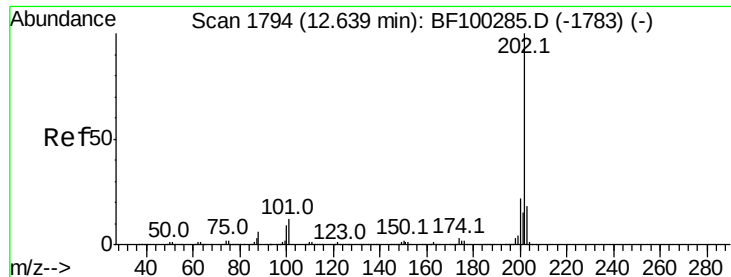
Sohil
 11/27/2017 3:19:27 PM



#73
 Di-n-butylphthalate
 Concen: 4.129 ng
 RT: 11.95 min Scan# 1677
 Delta R.T. -0.01 min
 Lab File: BF100821.D
 Acq: 22 Nov 2017 12:51

Tgt Ion	Ratio	Lower	Upper
149	100		
150	8.8	7.8	11.6
104	4.3	3.8	5.8





#74

Fluoranthene

Concen: 4.422 ng

RT: 12.61 min Scan# 1789

Delta R.T. -0.01 min

Lab File: BF100821.D

Acq: 22 Nov 2017 12:51

Instrument :

BNA_F

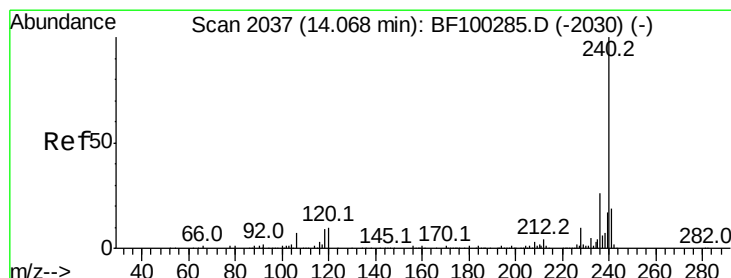
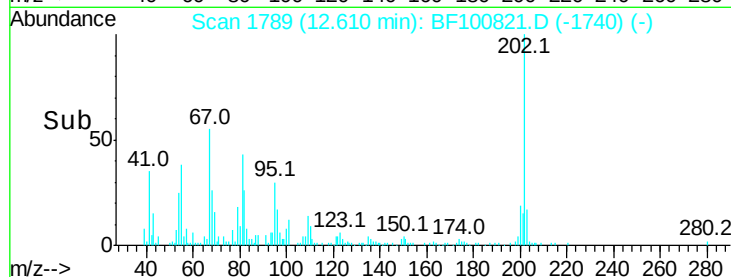
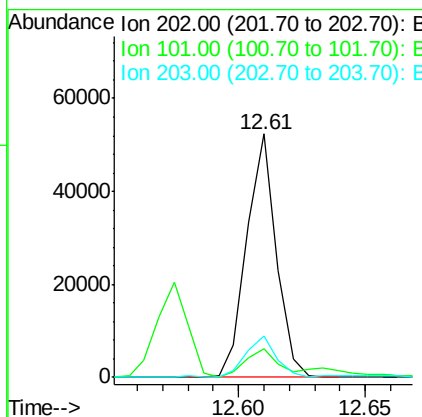
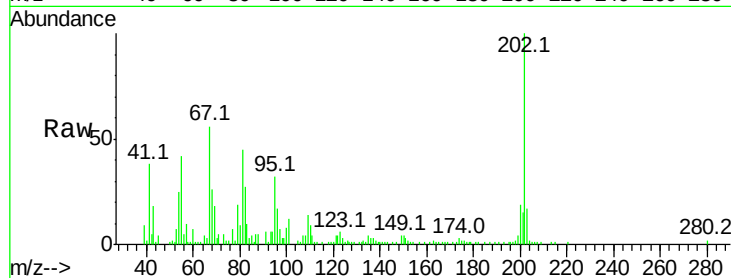
ClientSampleId :

AU-05-112017-AMS

Tot Ion:	202	Resp:	42470
Ion Ratio	Lower	Upper	
202	100		
101	11.6	0.0	34.1
203	17.2	0.0	38.1

Manual Integrations
APPROVED

Sohil
11/27/2017 3:19:27 PM



#75

Chrysene-d12

Concen: 20.000 ng

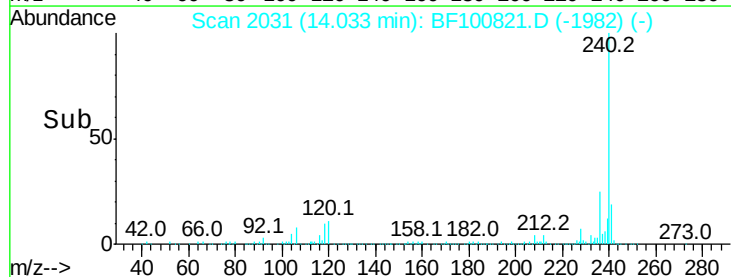
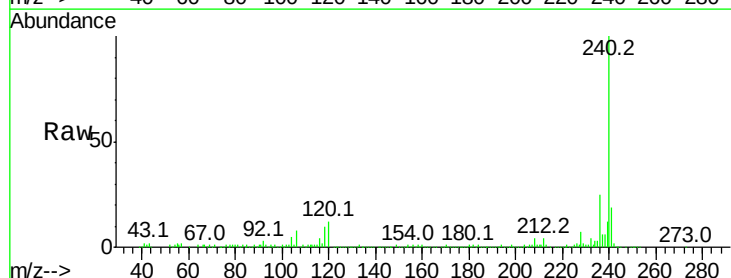
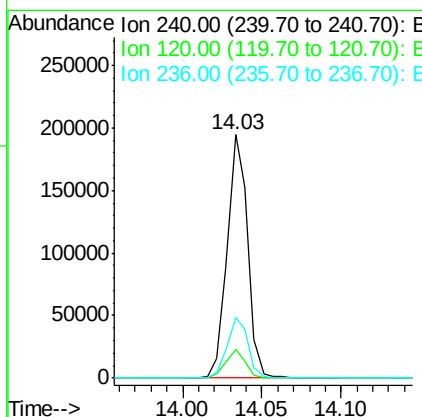
RT: 14.03 min Scan# 2031

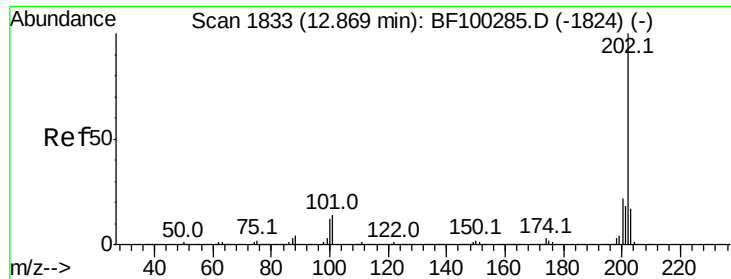
Delta R.T. -0.01 min

Lab File: BF100821.D

Acq: 22 Nov 2017 12:51

Tgt Ion:	240	Resp:	173449
Ion Ratio	Lower	Upper	
240	100		
120	11.6	9.5	14.3
236	25.1	20.7	31.1





#77

Pvrene

Concen: 3.575 ng

RT: 12.84 min Scan# 1828

Delta R.T. -0.01 min

Lab File: BF100821.D

Acq: 22 Nov 2017 12:51

Instrument :

BNA_F

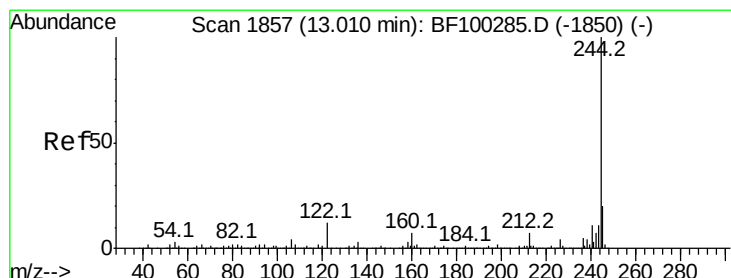
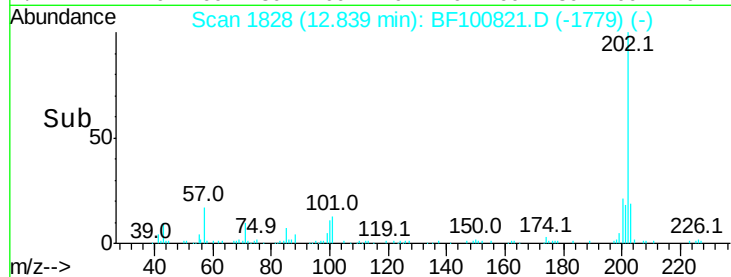
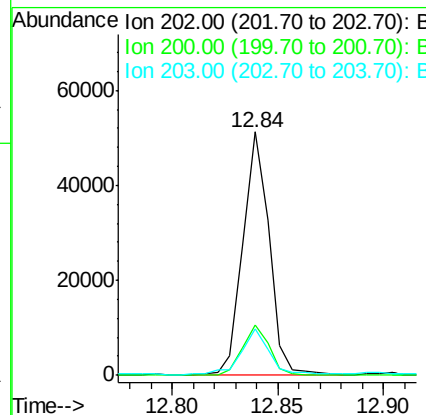
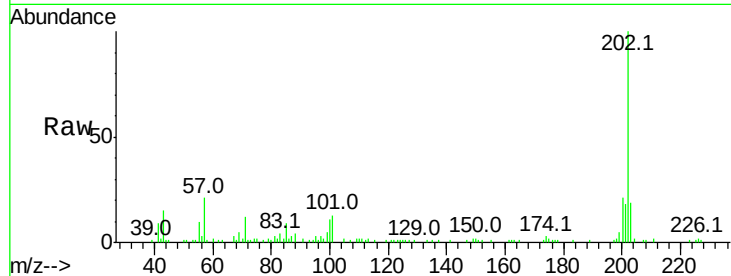
ClientSampleId :

AU-05-112017-AMS

Tot Ion:	202	Resp:	44198
Ion Ratio	Lower	Upper	
202	100		
200	20.7	17.4	26.2
203	19.0	14.3	21.5

Manual Integrations
APPROVED

Sohil
11/27/2017 3:19:27 PM



#78

Terphenyl-d14

Concen: 7.981 ng

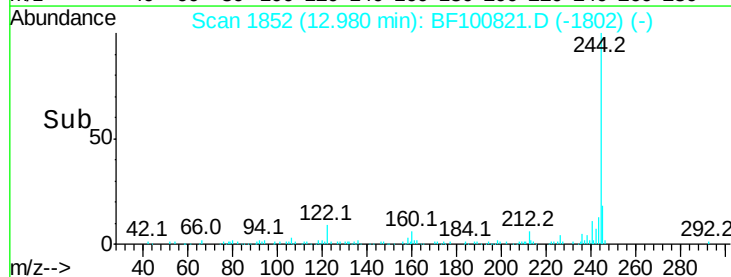
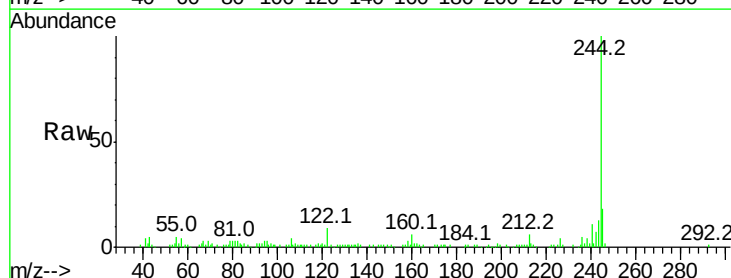
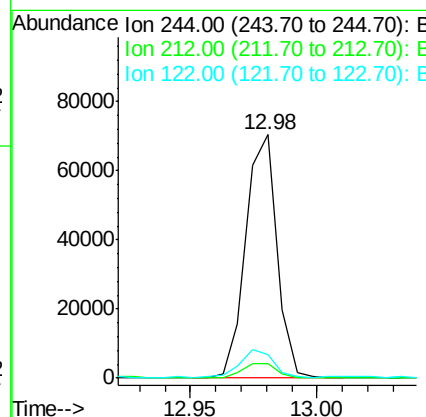
RT: 12.98 min Scan# 1852

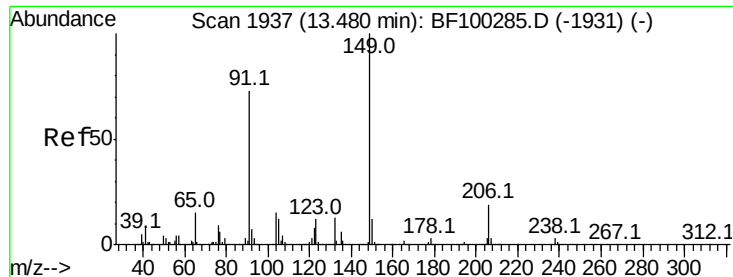
Delta R.T. -0.01 min

Lab File: BF100821.D

Acq: 22 Nov 2017 12:51

Tgt Ion:	244	Resp:	60248
Ion Ratio	Lower	Upper	
244	100		
212	5.9	5.4	8.0
122	9.5	11.0	16.4#





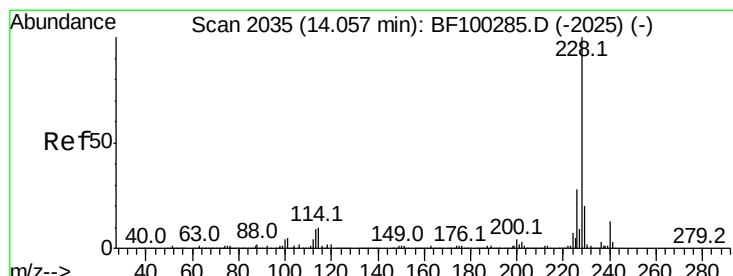
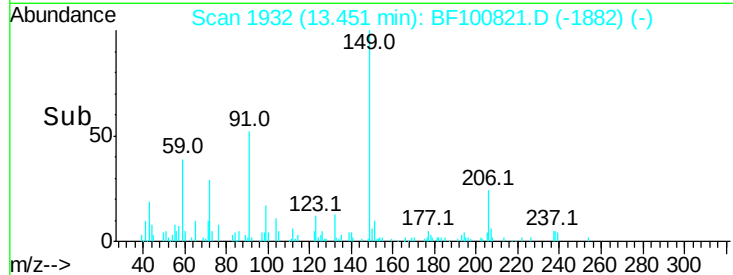
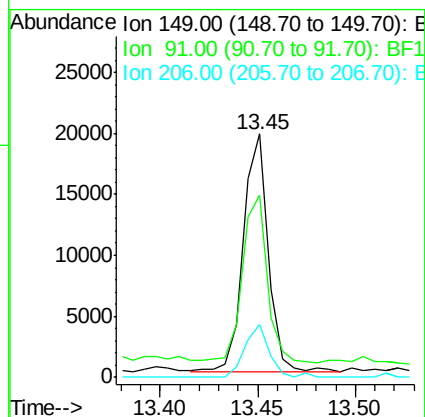
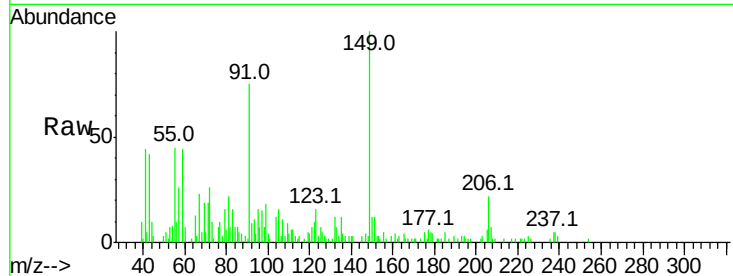
#79
 Butylbenzylphthalate
 Concen: 3.417 ng
 RT: 13.45 min Scan# 1932
 Delta R.T. -0.01 min
 Lab File: BF100821.D
 Acq: 22 Nov 2017 12:51

Instrument :
 BNA_F
 ClientSampleId :
 AU-05-112017-AMS

Tot Ion:	149	Resp:	17228
Ion Ratio	Lower	Upper	
149	100		
91	74.7	56.8	85.2
206	21.7	14.1	21.1

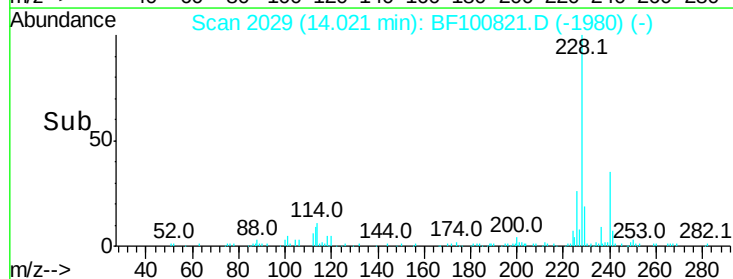
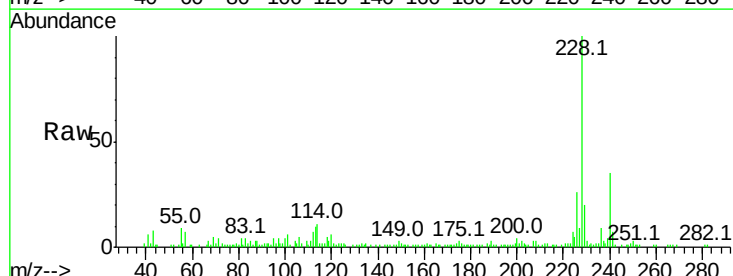
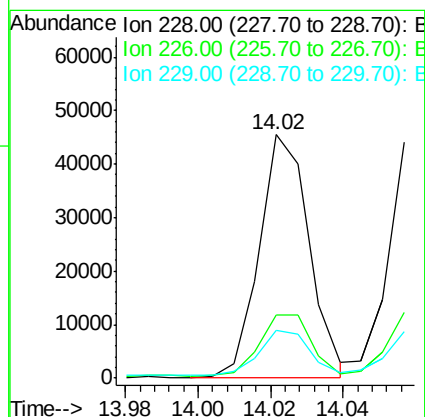
Manual Integrations
 APPROVED

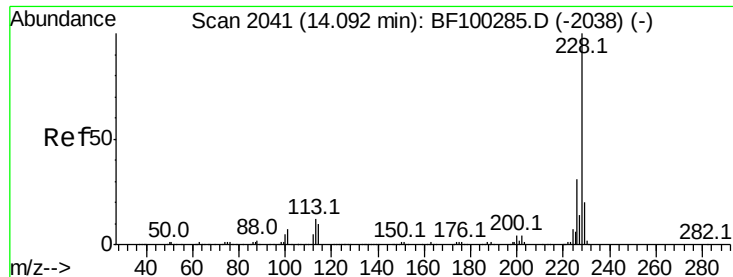
Sohil
 11/27/2017 3:19:27 PM



#80
 Benzo(a)anthracene
 Concen: 4.164 ng
 RT: 14.02 min Scan# 2029
 Delta R.T. -0.01 min
 Lab File: BF100821.D
 Acq: 22 Nov 2017 12:51

Tgt Ion:	228	Resp:	43488
Ion Ratio	Lower	Upper	
228	100		
226	26.1	22.6	33.8
229	19.6	15.8	23.6





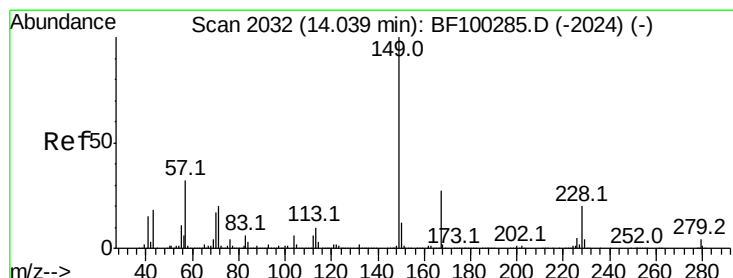
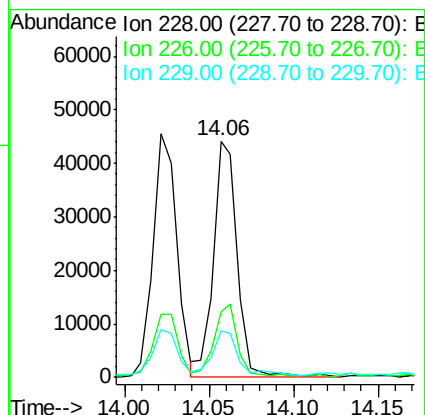
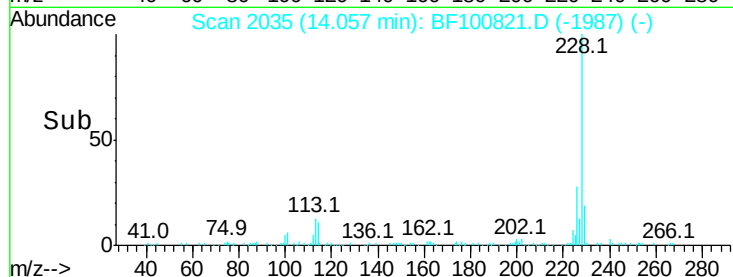
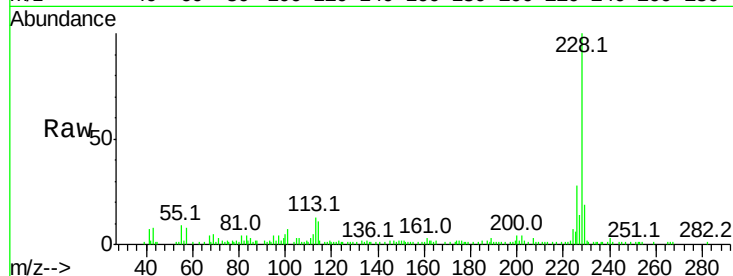
#82
Chrysene
Concen: 4.333 ng
RT: 14.06 min Scan# 2035
Delta R.T. -0.02 min
Lab File: BF100821.D
Acq: 22 Nov 2017 12:51

Instrument :
BNA_F
ClientSampleId :
AU-05-112017-AMS

Tot Ion	Ratio	Lower	Upper
228	100		
226	28.0	25.0	37.6
229	19.4	16.2	24.4

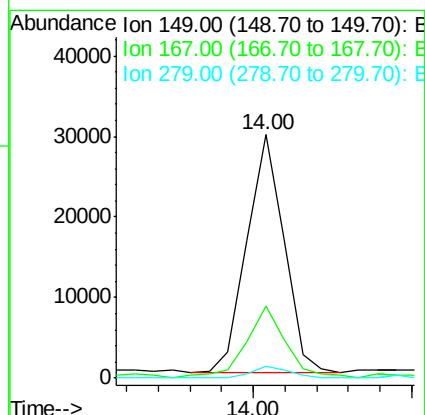
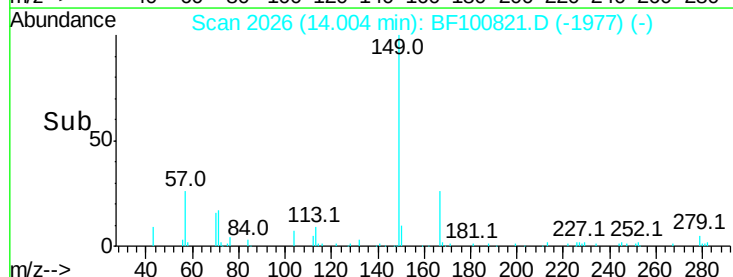
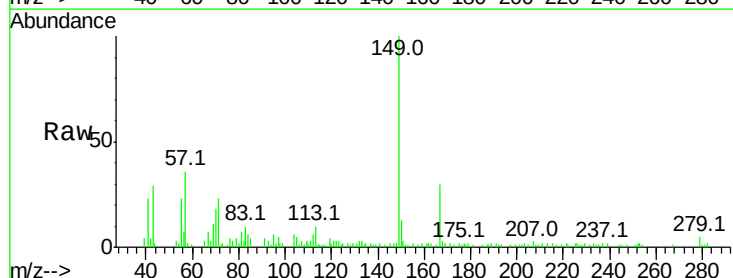
Manual Integrations
APPROVED

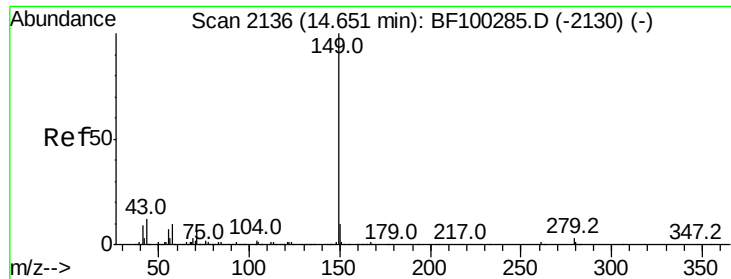
Sohil
11/27/2017 3:19:27 PM



#83
Bis(2-ethylhexyl)phthalate
Concen: 3.622 ng
RT: 14.00 min Scan# 2026
Delta R.T. -0.01 min
Lab File: BF100821.D
Acq: 22 Nov 2017 12:51

Tgt Ion	Ratio	Lower	Upper
149	100		
167	29.6	21.3	31.9
279	5.2	3.0	4.4#





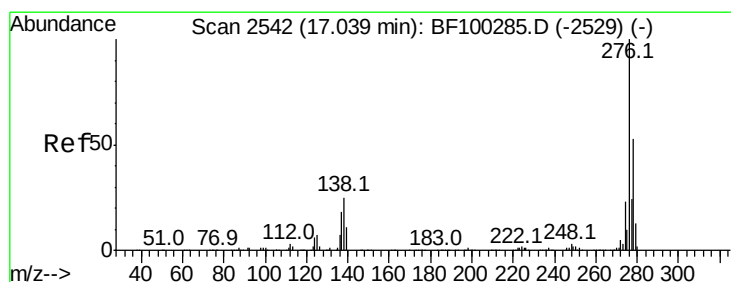
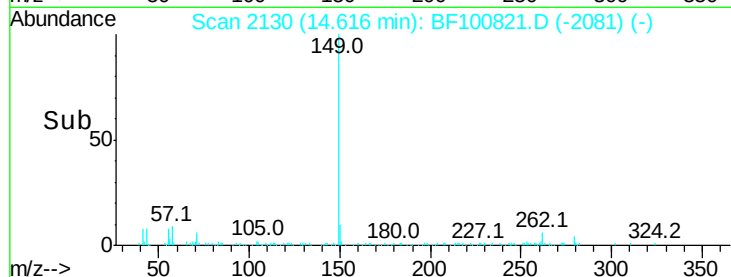
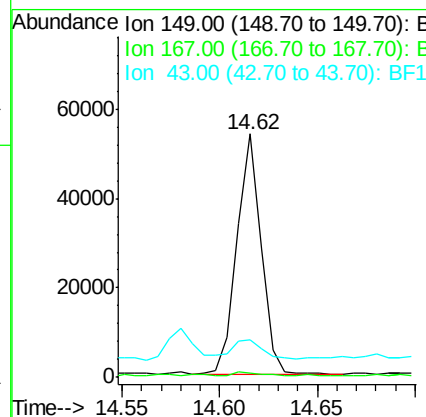
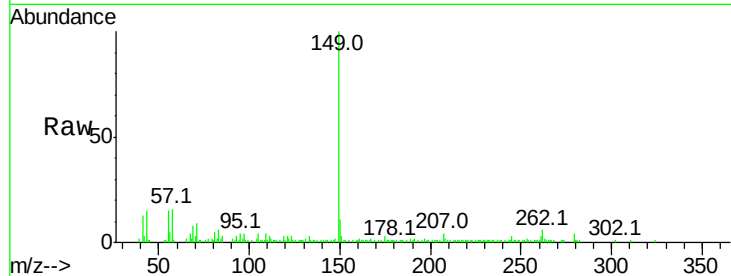
#84
Di-n-octyl phthalate
Concen: 4.057 ng
RT: 14.62 min Scan# 2130
Delta R.T. -0.01 min
Lab File: BF100821.D
Acq: 22 Nov 2017 12:51

Instrument :
BNA_F
ClientSampleId :
AU-05-112017-AMS

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.9	1.2	1.8#
43	11.0	8.4	12.6

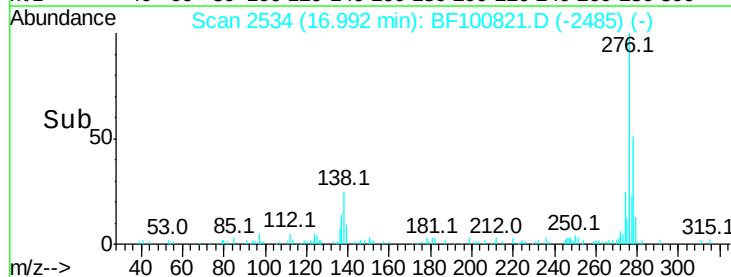
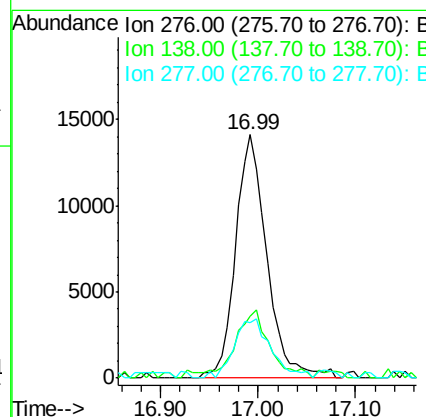
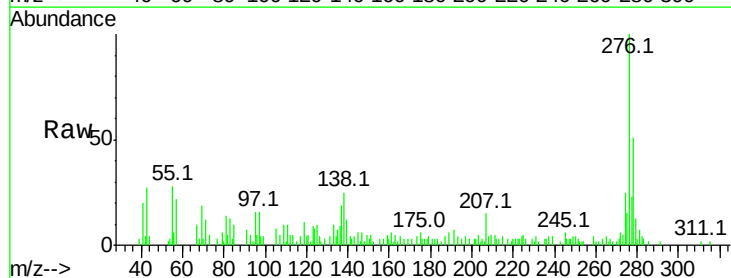
Manual Integrations
APPROVED

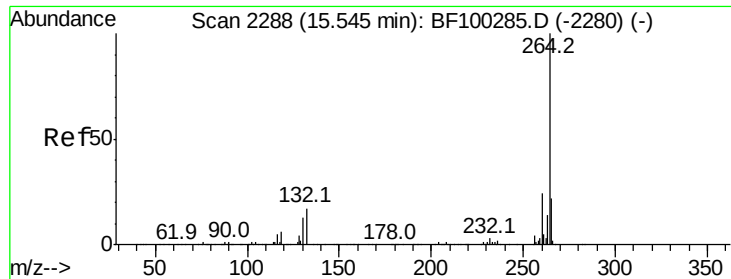
Sohil
11/27/2017 3:19:27 PM



#85
Indeno(1,2,3-cd)pyrene
Concen: 3.829 ng
RT: 16.99 min Scan# 2534
Delta R.T. -0.01 min
Lab File: BF100821.D
Acq: 22 Nov 2017 12:51

Tgt Ion	Ratio	Lower	Upper
276	100		
138	32.3	25.0	37.6
277	28.5	20.1	30.1





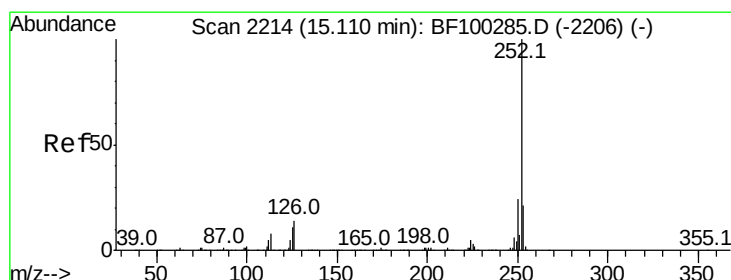
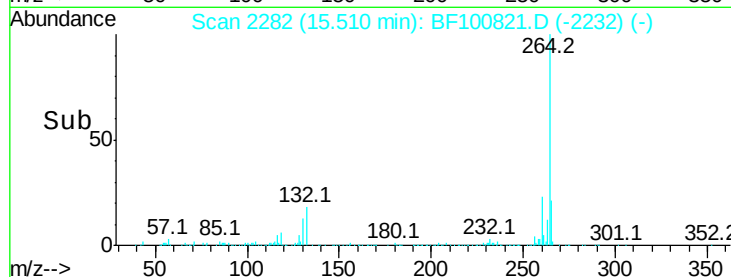
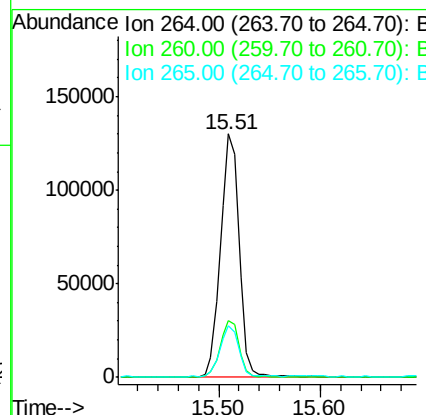
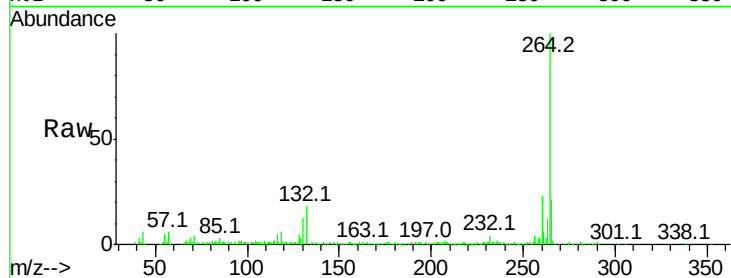
#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.51 min Scan# 2282
Delta R.T. -0.01 min
Lab File: BF100821.D
Acq: 22 Nov 2017 12:51

Instrument :
BNA_F
ClientSampleId :
AU-05-112017-AMS

Tot Ion:	264	Resp:	167800
Ion Ratio	Lower	Upper	
264	100		
260	23.3	19.2	28.8
265	21.4	17.5	26.3

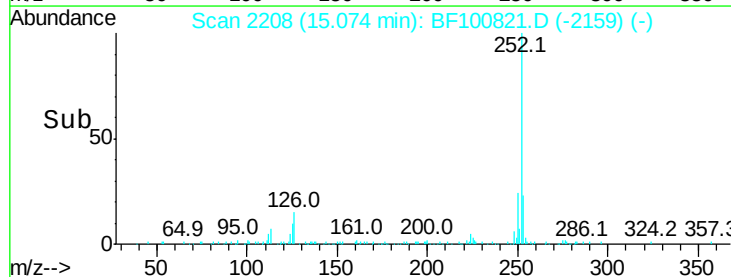
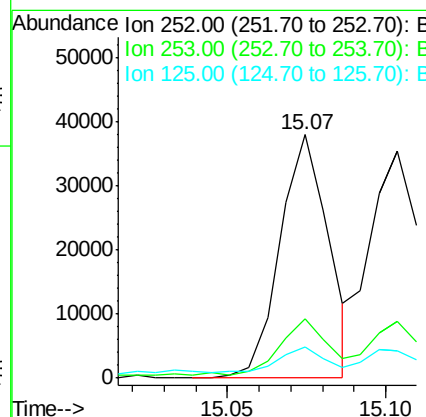
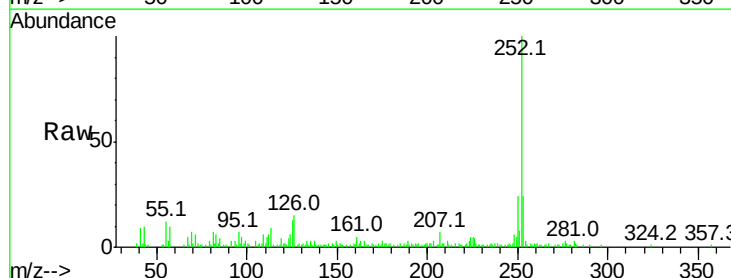
Manual Integrations
APPROVED

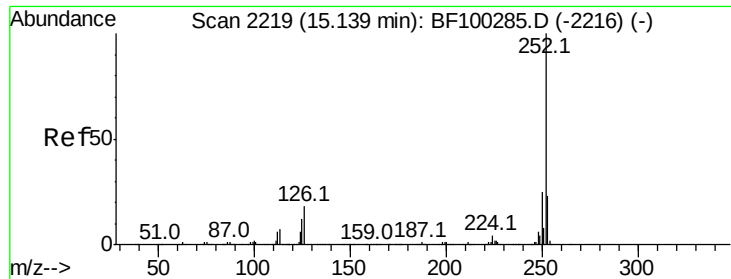
Sohil
11/27/2017 3:19:27 PM



#87
Benzo(b)fluoranthene
Concen: 4.076 ng
RT: 15.07 min Scan# 2208
Delta R.T. -0.01 min
Lab File: BF100821.D
Acq: 22 Nov 2017 12:51

Tgt Ion:	252	Resp:	40520
Ion Ratio	Lower	Upper	
252	100		
253	24.2	17.0	25.6
125	12.5	9.0	13.6





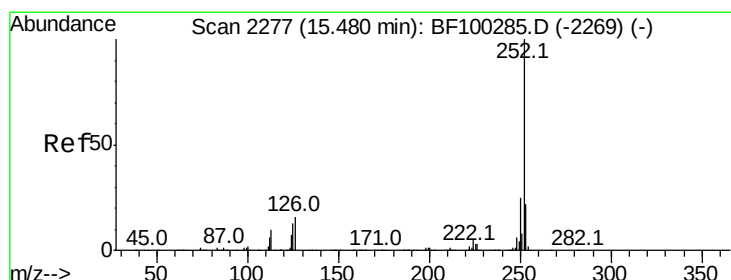
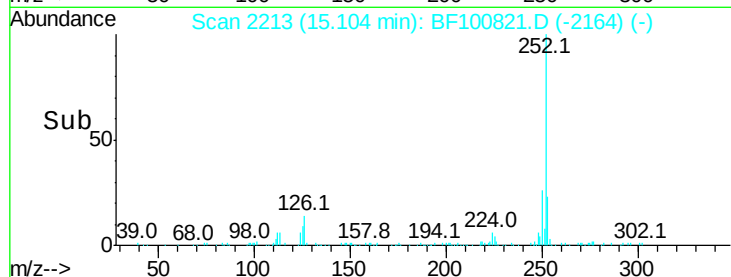
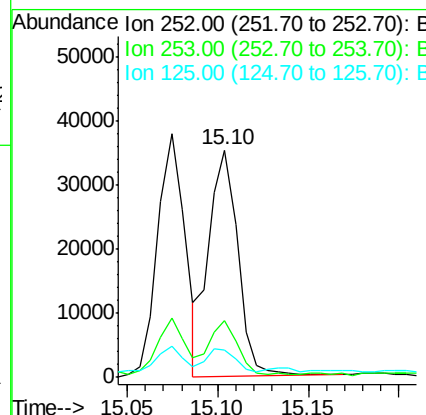
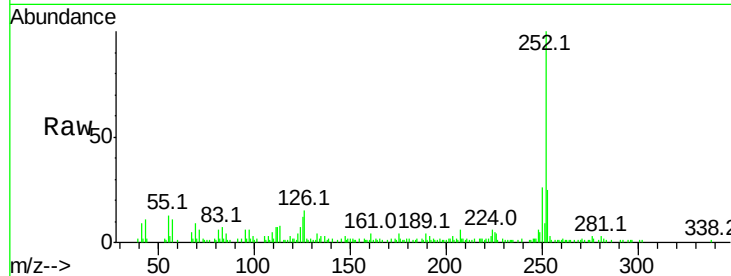
#88
Benzo(k)fluoranthene
Concen: 4.212 ng
RT: 15.10 min Scan# 2213
Delta R.T. -0.01 min
Lab File: BF100821.D
Acq: 22 Nov 2017 12:51

Instrument :
BNA_F
ClientSampleId :
AU-05-112017-AMS

Tot Ion	Ratio	Resp	Lower	Upper
252	100	39561		
253	25.1	17.9	26.9	
125	12.2	10.2	15.2	

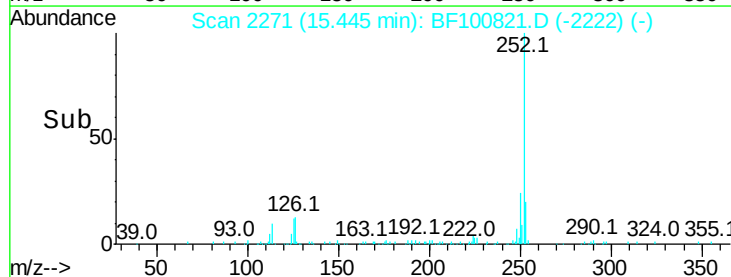
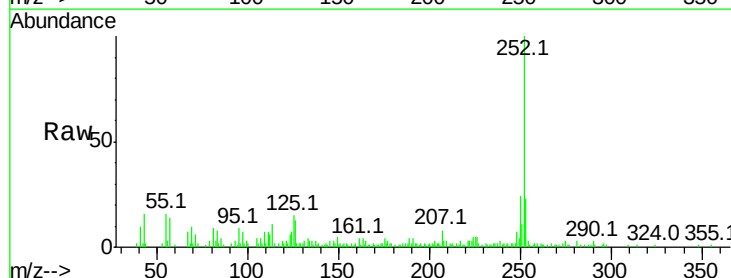
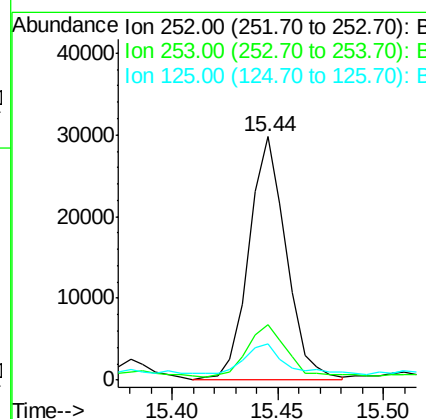
Manual Integrations
APPROVED

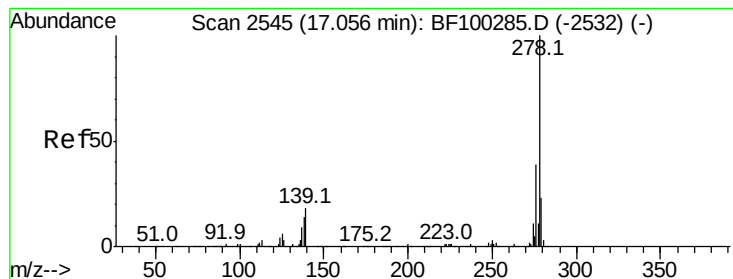
Sohil
11/27/2017 3:19:27 PM



#89
Benzo(a)pyrene
Concen: 4.149 ng
RT: 15.44 min Scan# 2271
Delta R.T. -0.01 min
Lab File: BF100821.D
Acq: 22 Nov 2017 12:51

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	36565		
253	22.6	17.1	25.7	
125	14.9	9.8	14.6	





#90

Dibenzo(a,h)anthracene

Concen: 3.616 ng

RT: 17.01 min Scan# 2537

Delta R.T. -0.01 min

Lab File: BF100821.D

Acq: 22 Nov 2017 12:51

Instrument :

BNA_F

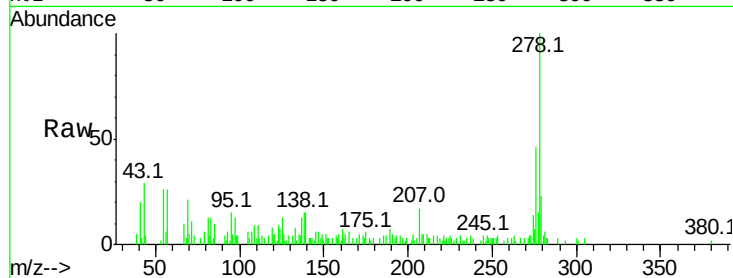
ClientSampleId :

AU-05-112017-AMS

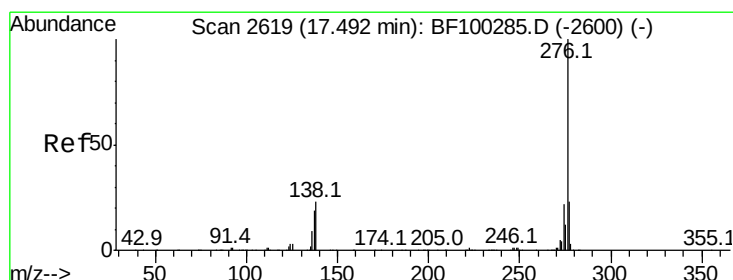
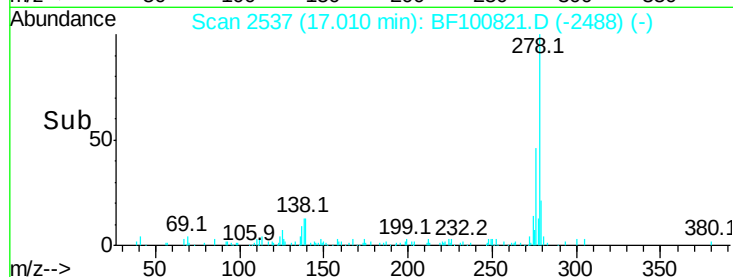
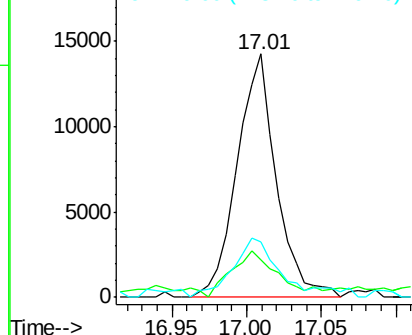
Tot Ion:	278	Resp:	26064
Ion Ratio	Lower	Upper	
278	100		
139	15.2	15.9	23.9#
279	22.8	19.0	28.4

Manual Integrations
APPROVED

Sohil
11/27/2017 3:19:27 PM



Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#91

Benzo(g,h,i)perylene

Concen: 3.555 ng

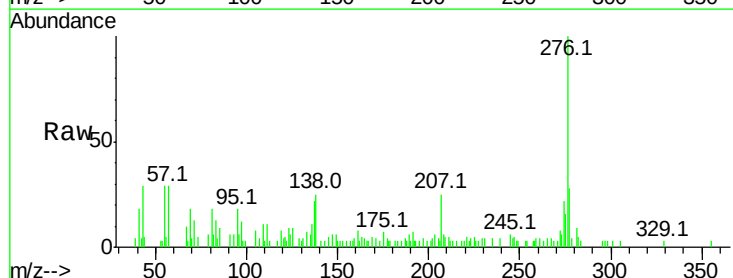
RT: 17.44 min Scan# 2610

Delta R.T. -0.02 min

Lab File: BF100821.D

Acq: 22 Nov 2017 12:51

Tgt Ion:	276	Resp:	25083
Ion Ratio	Lower	Upper	
276	100		
277	27.8	17.9	26.9#
138	24.7	21.8	32.8



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

