

Data Path : Z:\HPCHEM1\BNA F\DATA\BF112117\
 Data File : BF100777.D
 Acq On : 21 Nov 2017 13:50
 Operator : SJ/JU
 Sample : I6300-06MSD
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OR-01-111717MSD

Manual Integrations
 APPROVED

Sohil
 11/22/2017 5:04:08 PM

Quant Time: Nov 22 05:39:20 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	85054	20.00	ng	0.00
21) Naphthalene-d8	8.15	136	344920	20.00	ng	-0.02
38) Acenaphthene-d10	9.91	164	166301	20.00	ng	-0.01
63) Phenanthrene-d10	11.40	188	329429	20.00	ng	0.00
75) Chrysene-d12	14.04	240	231957	20.00	ng	0.00
86) Perylene-d12	15.51	264	183847	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.52	112	616380	116.17	ng	0.02
7) Phenol-d6	6.51	99	700276	107.03	ng	0.00
23) Nitrobenzene-d5	7.44	82	534907	102.53	ng	-0.01
41) 2,4,6-Tribromophenol	10.71	330	250584	147.87	ng	0.00
44) 2-Fluorobiphenyl	9.23	172	1152801	105.55	ng	0.00
78) Terphenyl-d14	12.99	244	1074148	106.40	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.93	88	95291	36.852	ng	# 81
3) Pyridine	3.60	79	247565	35.093	ng	97
4) n-Nitrosodimethylamine	3.56	42	134824	39.363	ng	95
6) Aniline	6.55	93	35824	3.876	ng	96
8) 2-Chlorophenol	6.66	128	290304	51.718	ng	97
9) Benzaldehyde	6.43	77	85341	18.264	ng	97
10) Phenol	6.52	94	282218	41.087	ng	99
11) bis(2-Chloroethyl)ether	6.62	93	273928	47.479	ng	99
12) 1,3-Dichlorobenzene	6.82	146	335081	51.777	ng	96
13) 1,4-Dichlorobenzene	6.89	146	338876	51.736	ng	97
14) 1,2-Dichlorobenzene	7.05	146	316809	52.313	ng	97
15) Benzyl Alcohol	7.02	79	245805	48.136	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.15	45	481824	52.216	ng	99
17) 2-Methylphenol	7.13	107	247403	51.576	ng	98
18) Hexachloroethane	7.38	117	114692	53.107	ng	96
19) n-Nitroso-di-n-propylamine	7.29	70	207030	45.626	ng	94
20) 3+4-Methylphenols	7.27	107	288397	47.511	ng	# 78
22) Acetophenone	7.28	105	393872	46.829	ng	# 90
24) Nitrobenzene	7.46	77	303480	56.517	ng	96
25) Isophorone	7.70	82	573742	52.333	ng	98
26) 2-Nitrophenol	7.77	139	170588	65.543	ng	95
27) 2,4-Dimethylphenol	7.80	122	281685	57.316	ng	99
28) bis(2-Chloroethoxy)methane	7.90	93	363203	50.647	ng	98
29) 2,4-Dichlorophenol	8.01	162	273181	58.226	ng	98
30) 1,2,4-Trichlorobenzene	8.09	180	282493	55.663	ng	97
31) Naphthalene	8.17	128	907613	54.632	ng	99
32) Benzoic acid	7.92	122	94063m	29.485	ng	
33) 4-Chloroaniline	8.22	127	24412	3.530	ng	92
34) Hexachlorobutadiene	8.29	225	164145	54.398	ng	98
35) Caprolactam	8.61	113	63601m	39.501	ng	
36) 4-Chloro-3-methylphenol	8.71	107	276342	54.841	ng	98
37) 2-Methylnaphthalene	8.87	142	636762	57.733	ng	97
39) 1,2,4,5-Tetrachlorobenzene	9.03	216	284509	51.585	ng	97
40) Hexachlorocyclopentadiene	9.02	237	251448	96.867	ng	96

Data Path : Z:\HPCHEM1\BNA F\DATA\BF112117\
 Data File : BF100777.D
 Acq On : 21 Nov 2017 13:50
 Operator : SJ/JU
 Sample : I6300-06MSD
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OR-01-111717MSD

Manual Integrations
 APPROVED

Sohil
 11/22/2017 5:04:08 PM

Quant Time: Nov 22 05:39:20 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)
42) 2,4,6-Trichlorophenol	9.15	196	208079	59.527	nq	99
43) 2,4,5-Trichlorophenol	9.19	196	209709	57.904	nq	# 93
45) 1,1'-Biphenyl	9.33	154	746114	51.873	nq	98
46) 2-Chloronaphthalene	9.36	162	583755	55.944	nq	95
47) 2-Nitroaniline	9.46	65	166702	53.715	nq	98
48) Acenaphthylene	9.78	152	889713	51.451	nq	100
49) Dimethylphthalate	9.64	163	681966	53.710	nq	99
50) 2,6-Dinitrotoluene	9.70	165	153649	61.133	nq	91
51) Acenaphthene	9.95	154	525099	49.929	nq	99
52) 3-Nitroaniline	9.86	138	20799	7.008	nq	91
53) 2,4-Dinitrophenol	9.97	184	80672	75.426	nq	# 17
54) Dibenzofuran	10.12	168	780255	52.934	nq	98
55) 4-Nitrophenol	10.03	139	202626	84.081	nq	92
56) 2,4-Dinitrotoluene	10.11	165	198249	62.525	nq	# 87
57) Fluorene	10.46	166	609110	56.408	nq	98
58) 2,3,4,6-Tetrachlorophenol	10.24	232	171863	57.901	nq	# 85
59) Diethylphthalate	10.33	149	656383	51.658	nq	96
60) 4-Chlorophenyl-phenylether	10.45	204	289197	54.594	nq	93
61) 4-Nitroaniline	10.49	138	136702	48.576	nq	88
62) Azobenzene	10.62	77	578938	48.376	nq	92
64) 4,6-Dinitro-2-methylphenol	10.52	198	75809	46.009	nq	# 69
65) n-Nitrosodiphenylamine	10.57	169	565111	49.335	nq	97
66) 4-Bromophenyl-phenylether	10.95	248	191236	54.153	nq	# 82
67) Hexachlorobenzene	11.01	284	198692	53.796	nq	# 89
68) Atrazine	11.10	200	183219	52.841	nq	97
69) Pentachlorophenol	11.20	266	215608	81.410	nq	98
70) Phenanthrene	11.43	178	909857	52.457	nq	98
71) Anthracene	11.48	178	934889	53.127	nq	99
72) Carbazole	11.63	167	819949	50.499	nq	98
73) Di-n-butylphthalate	11.96	149	1017752	53.562	nq	98
74) Fluoranthene	12.62	202	950292	51.696	nq	96
76) Benzidine	12.73	184	147221	15.848	nq	97
77) Pyrene	12.84	202	951124	57.523	nq	99
79) Butylbenzylphthalate	13.45	149	407594	60.446	nq	96
80) Benzo(a)anthracene	14.03	228	762594	54.594	nq	99
81) 3,3'-Dichlorobenzidine	13.99	252	54967	10.983	nq	# 98
82) Chrysene	14.07	228	709730	52.470	nq	99
83) Bis(2-ethylhexyl)phthalate	14.01	149	523865	59.068	nq	99
84) Di-n-octyl phthalate	14.62	149	749552	49.196	nq	98
85) Indeno(1,2,3-cd)pyrene	17.00	276	626648	57.276	nq	95
87) Benzo(b)fluoranthene	15.08	252	578846	53.144	nq	99
88) Benzo(k)fluoranthene	15.11	252	553693	53.802	nq	97
89) Benzo(a)pyrene	15.45	252	530057	54.893	nq	99
90) Dibenzo(a,h)anthracene	17.02	278	511192	64.734	nq	97
91) Benzo(g,h,i)perylene	17.46	276	542598	70.192	nq	93

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

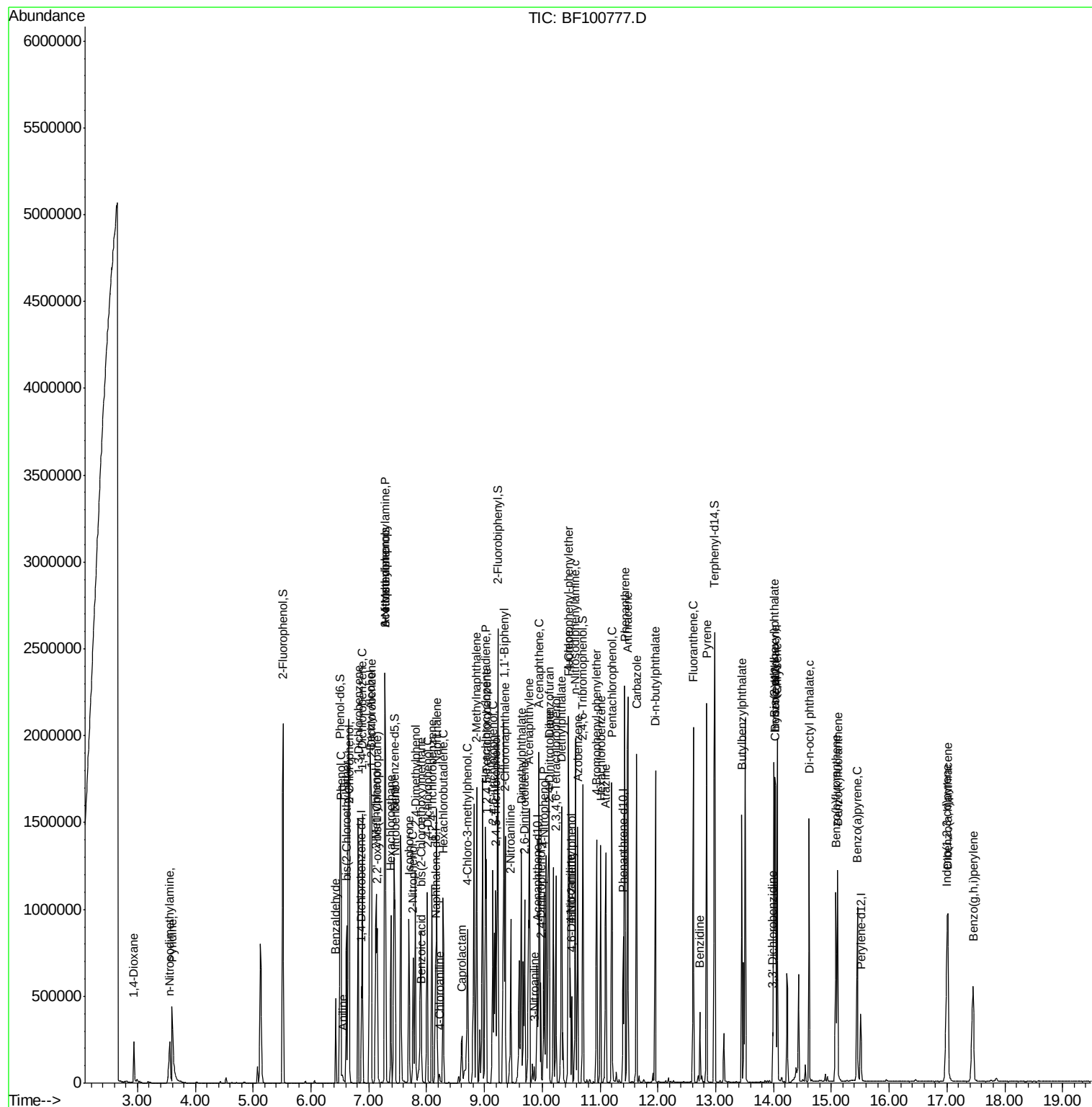
Data Path : Z:\HPCHEM1\BNA F\DATA\BF112117\
Data File : BF100777.D
Acq On : 21 Nov 2017 13:50
Operator : SJ/JU
Sample : I6300-06MSD
Misc :
ALS Vial : 7 Sample Multiplier: 1

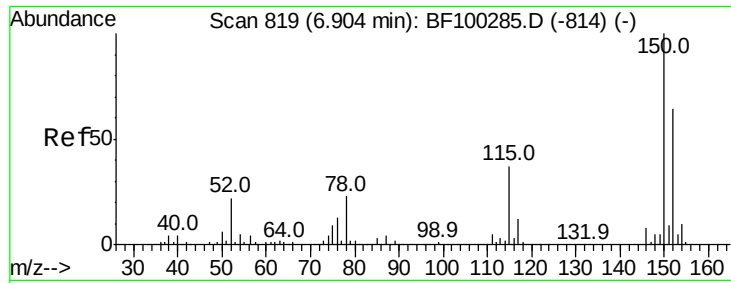
Instrument :
BNA_F
ClientSampleId :
OR-01-111717MSD

Manual Integrations
APPROVED

Sohil
11/22/2017 5:04:08 PM

Quant Time: Nov 22 05:39:20 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

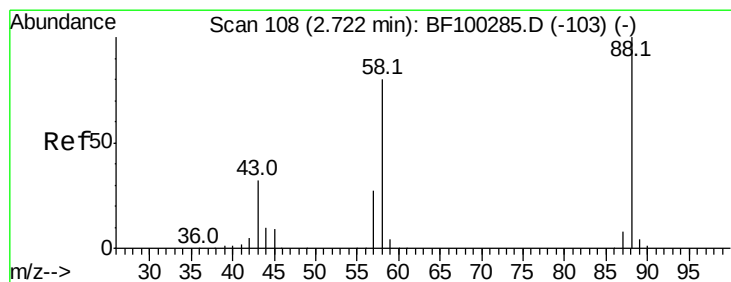
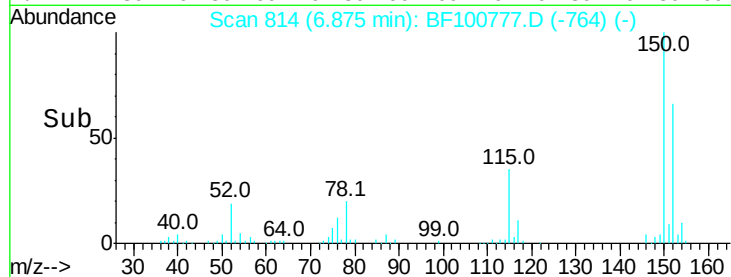
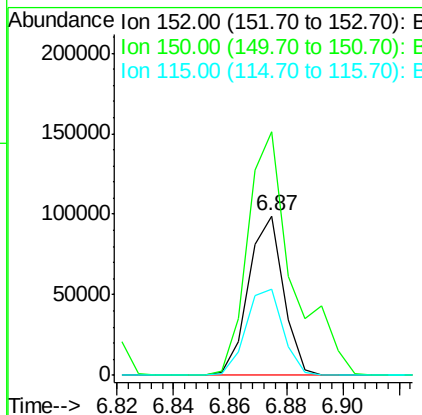
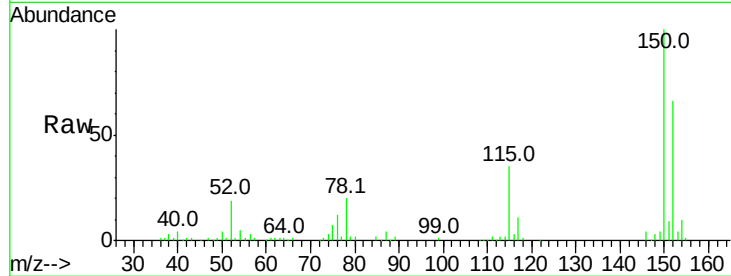
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.87 min Scan# 814
Delta R.T. -0.01 min
Lab File: BF100777.D
Acq: 21 Nov 2017 13:50

Instrument :
BNA_F
ClientSampleId :
OR-01-111717MSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	152.5	124.6	186.8
115	53.9	50.1	75.1

Manual Integrations
APPROVED

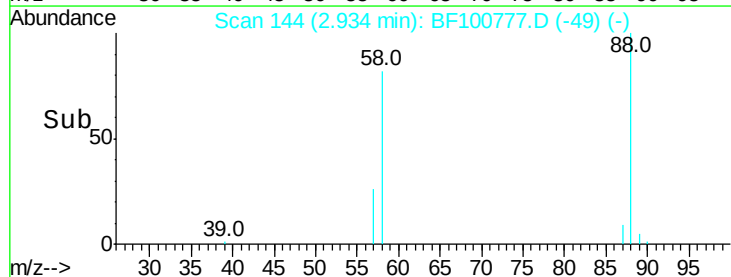
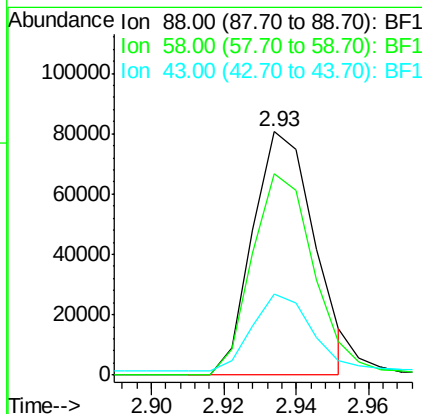
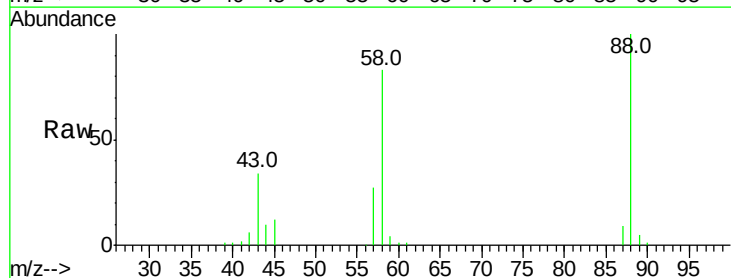
Sohil
11/22/2017 5:04:08 PM

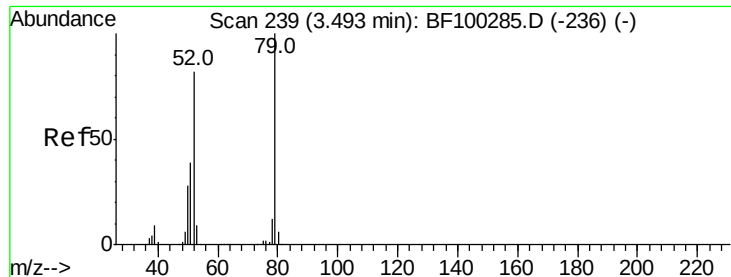


#2

1,4-Dioxane
Concen: 36.852 ng
RT: 2.93 min Scan# 144
Delta R.T. 0.26 min
Lab File: BF100777.D
Acq: 21 Nov 2017 13:50

Tgt Ion	Ratio	Lower	Upper
88	100		
58	81.4	62.6	93.8
43	0.0	24.6	37.0





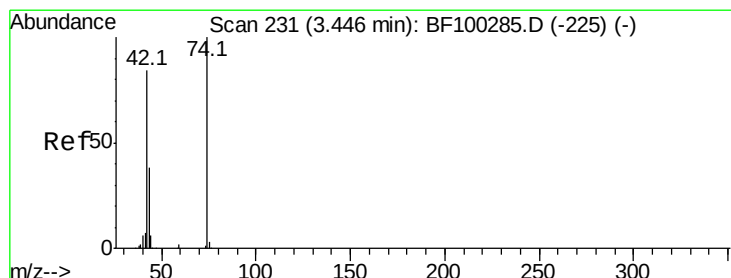
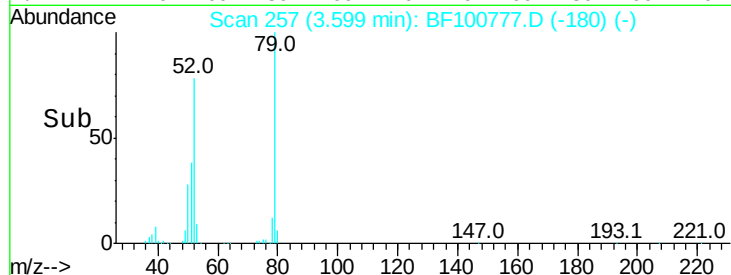
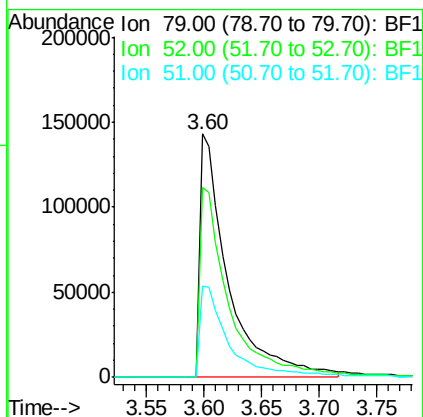
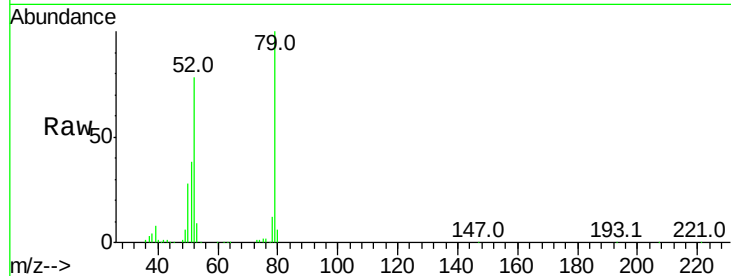
#3
 Pvridine
 Concen: 35.093 ng
 RT: 3.60 min Scan# 257
 Delta R.T. 0.15 min
 Lab File: BF100777.D
 Acq: 21 Nov 2017 13:50

Instrument :
 BNA_F
 ClientSampleId :
 OR-01-111717MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
79	100		247565		
52	78.2	59.8	89.6		
51	37.6	29.8	44.8		

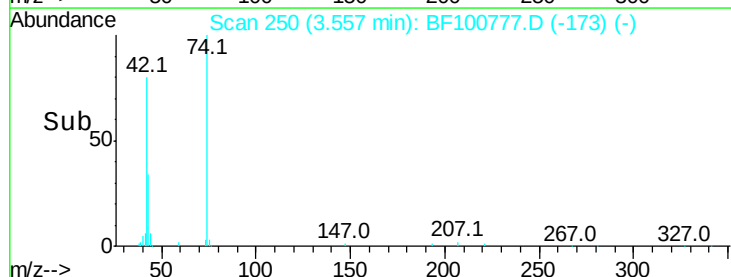
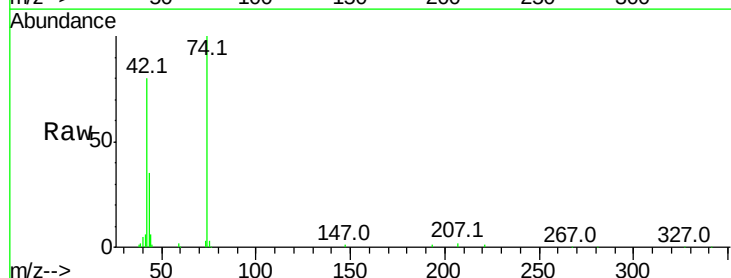
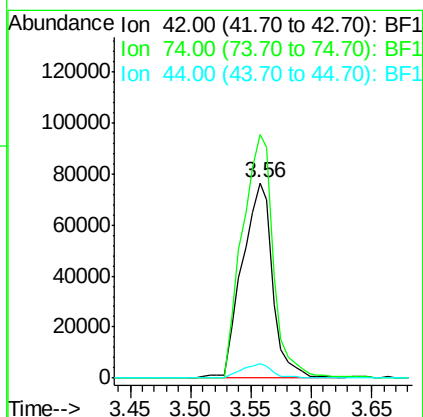
Manual Integrations
 APPROVED

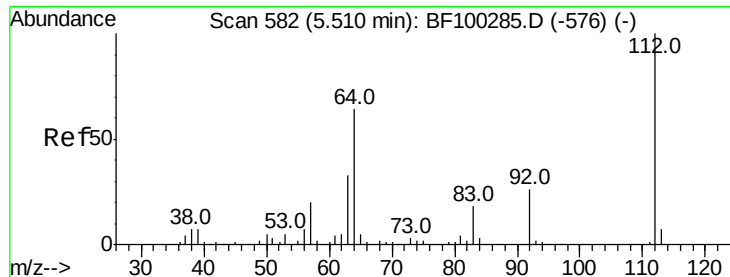
Sohil
 11/22/2017 5:04:08 PM



#4
 n-Nitrosodimethylamine
 Concen: 39.363 ng
 RT: 3.56 min Scan# 250
 Delta R.T. 0.15 min
 Lab File: BF100777.D
 Acq: 21 Nov 2017 13:50

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
42	100		134824		
74	124.5	104.9	157.3		
44	7.2	6.9	10.3		





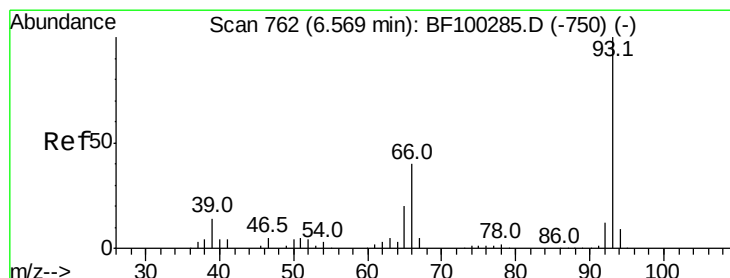
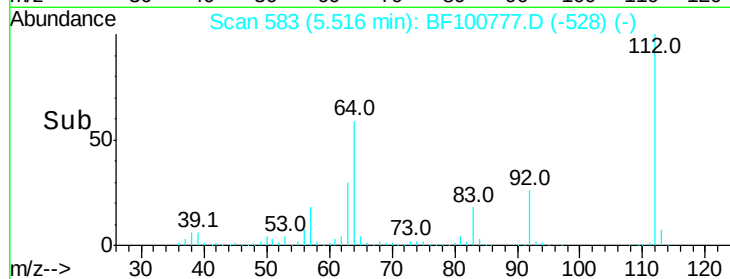
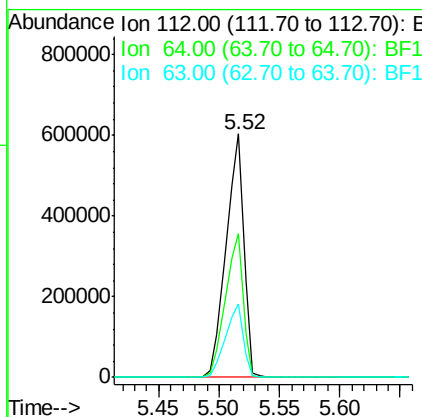
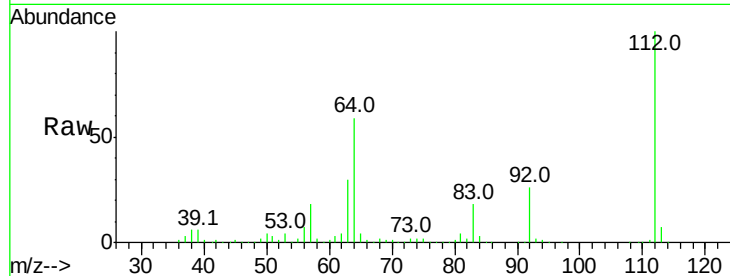
#5
 2-Fluorophenol
 Concen: 116.167 ng
 RT: 5.52 min Scan# 583
 Delta R.T. 0.02 min
 Lab File: BF100777.D
 Acq: 21 Nov 2017 13:50

Instrument :
 BNA_F
 ClientSampleId :
 OR-01-111717MSD

Tot Ion:	112	Resp:	616380
Ion Ratio	Lower	Upper	
112	100		
64	59.2	47.9	71.9
63	30.2	23.7	35.5

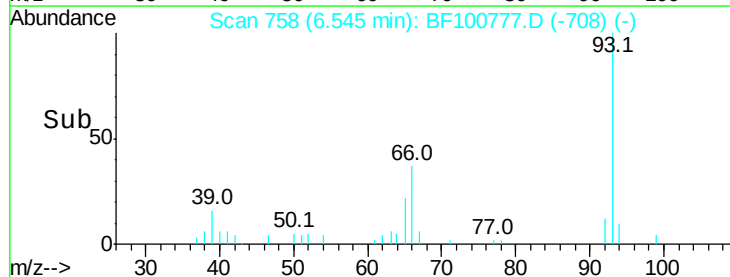
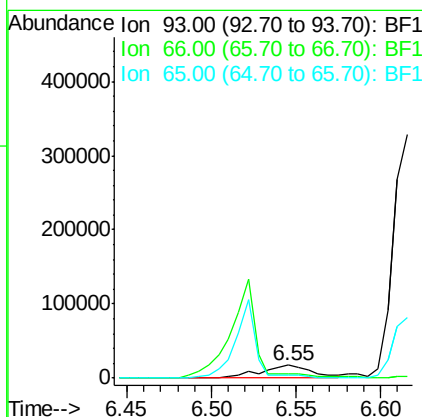
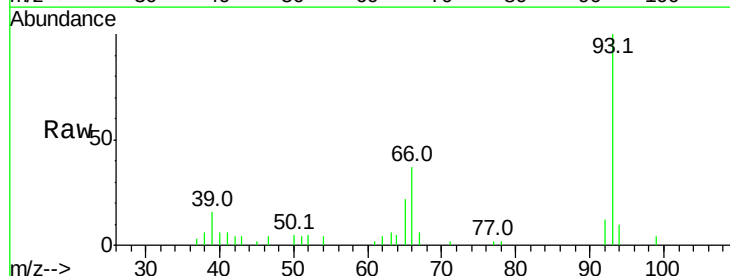
Manual Integrations
 APPROVED

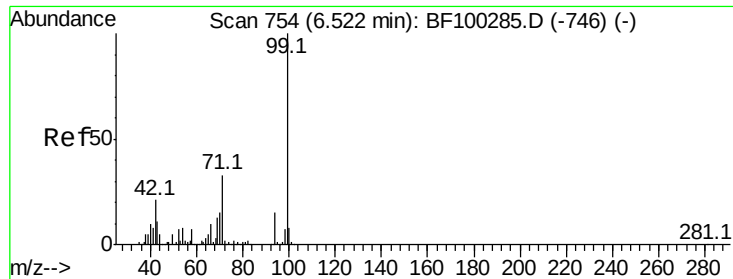
Sohil
 11/22/2017 5:04:08 PM



#6
 Aniline
 Concen: 3.876 ng
 RT: 6.55 min Scan# 758
 Delta R.T. -0.01 min
 Lab File: BF100777.D
 Acq: 21 Nov 2017 13:50

Tgt Ion:	93	Resp:	35824
Ion Ratio	Lower	Upper	
93	100		
66	37.2	32.2	48.2
65	22.0	16.4	24.6





#7

Phenol-d6

Concen: 107.027 ng

RT: 6.51 min Scan# 752

Delta R.T. -0.00 min

Lab File: BF100777.D

Acq: 21 Nov 2017 13:50

Instrument :

BNA_F

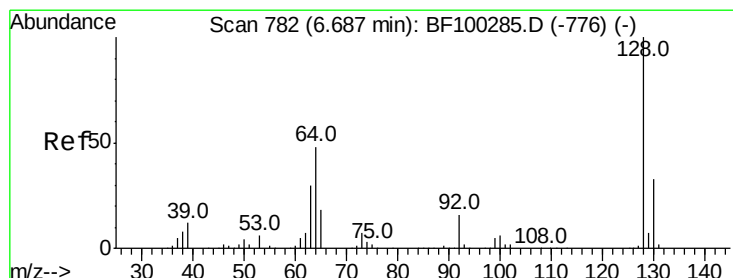
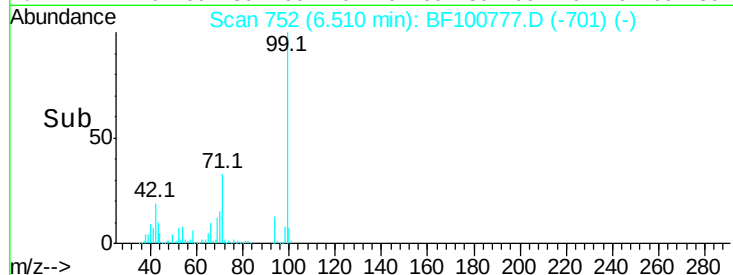
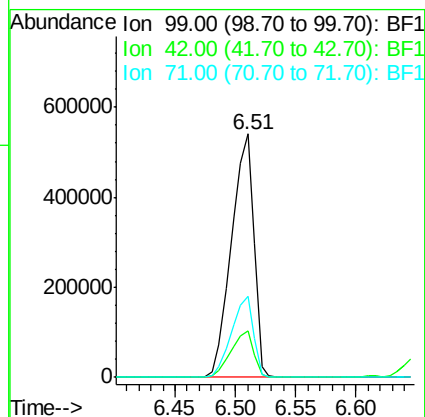
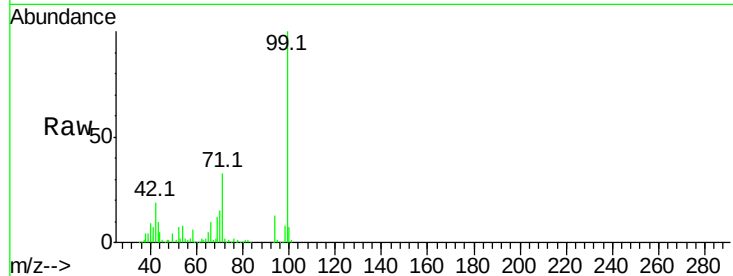
ClientSampleId :

OR-01-111717MSD

Tot Ion	99	Resp	700276
Ion	Ratio	Lower	Upper
99	100		
42	19.2	14.5	21.7
71	33.3	25.4	38.0

Manual Integrations
APPROVED

Sohil
11/22/2017 5:04:08 PM



#8

2-Chlorophenol

Concen: 51.718 ng

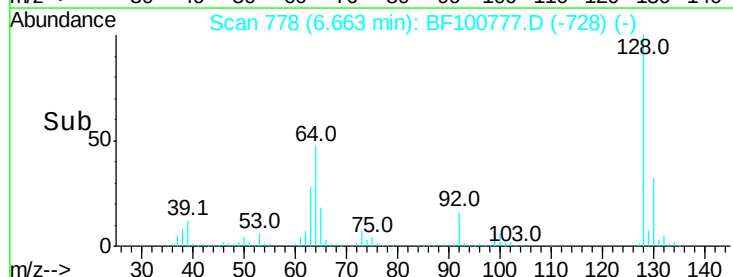
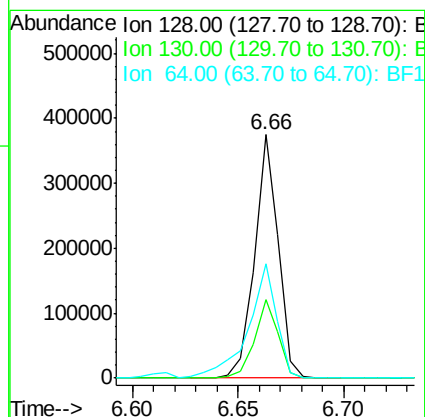
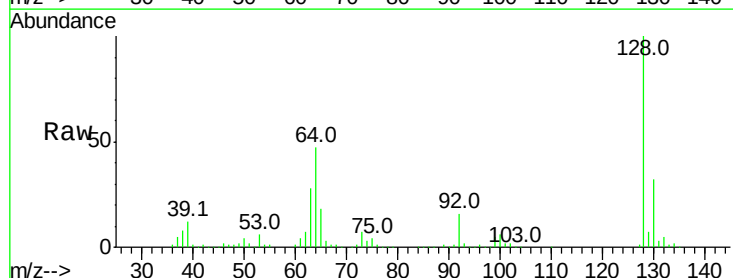
RT: 6.66 min Scan# 778

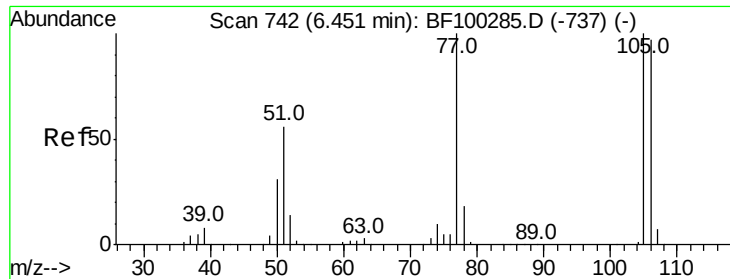
Delta R.T. -0.01 min

Lab File: BF100777.D

Acq: 21 Nov 2017 13:50

Tgt Ion	128	Resp	290304
Ion	Ratio	Lower	Upper
128	100		
130	32.4	13.0	53.0
64	46.8	29.4	69.4





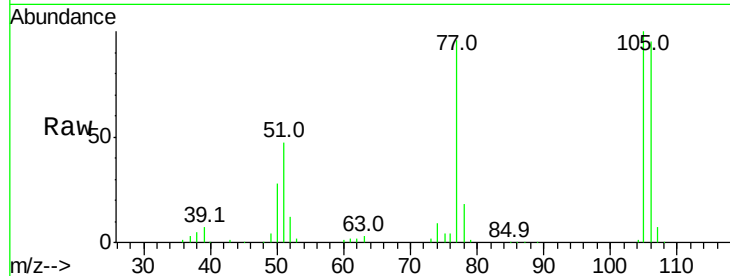
#9
Benzaldehyde
Concen: 18.264 ng
RT: 6.43 min Scan# 738
Delta R.T. -0.01 min
Lab File: BF100777.D
Acq: 21 Nov 2017 13:50

Instrument :
BNA_F
ClientSampleId :
OR-01-111717MSD

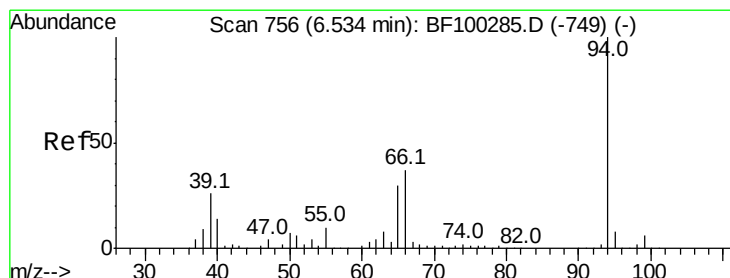
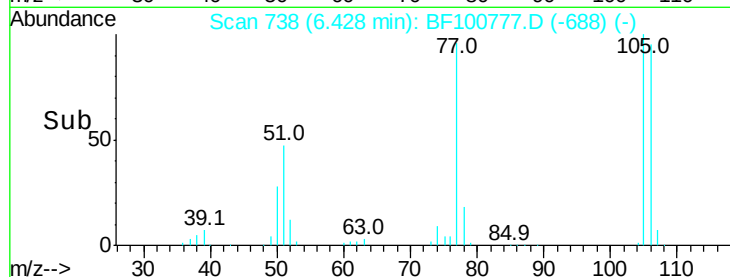
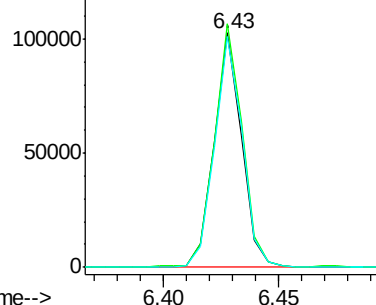
Tot Ion: 77 Resp: 85341
Ion Ratio Lower Upper
77 100
105 104.0 81.1 121.1
106 98.4 74.5 114.5

Manual Integrations
APPROVED

Sohil
11/22/2017 5:04:08 PM

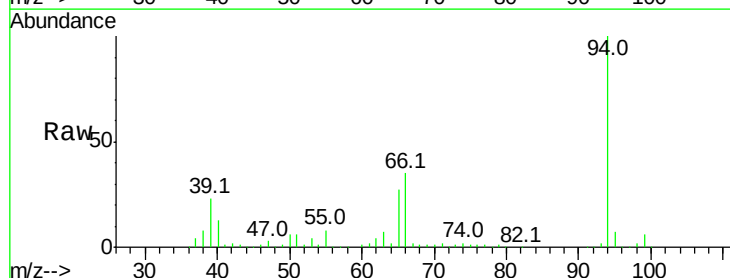


Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 105.00 (104.70 to 105.70): BF1
Ion 106.00 (105.70 to 106.70): BF1

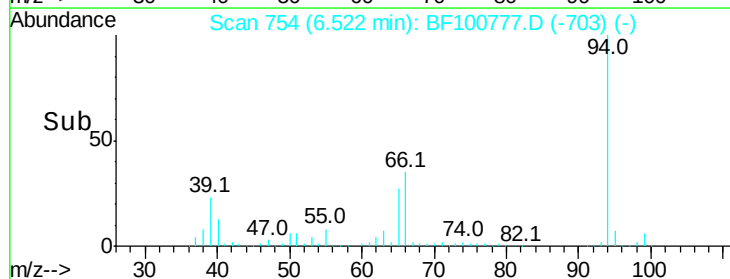
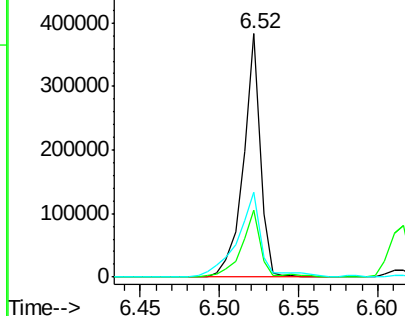


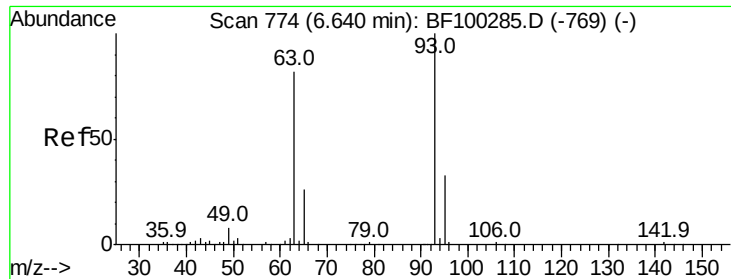
#10
Phenol
Concen: 41.087 ng
RT: 6.52 min Scan# 754
Delta R.T. -0.00 min
Lab File: BF100777.D
Acq: 21 Nov 2017 13:50

Tgt Ion: 94 Resp: 282218
Ion Ratio Lower Upper
94 100
65 27.5 7.9 47.9
66 35.0 16.2 56.2



Abundance Ion 94.00 (93.70 to 94.70): BF1
Ion 65.00 (64.70 to 65.70): BF1
Ion 66.00 (65.70 to 66.70): BF1





#11

bis(2-Chloroethyl)ether

Concen: 47.479 ng

RT: 6.62 min Scan# 770

Delta R.T. -0.01 min

Lab File: BF100777.D

Acq: 21 Nov 2017 13:50

Instrument :

BNA_F

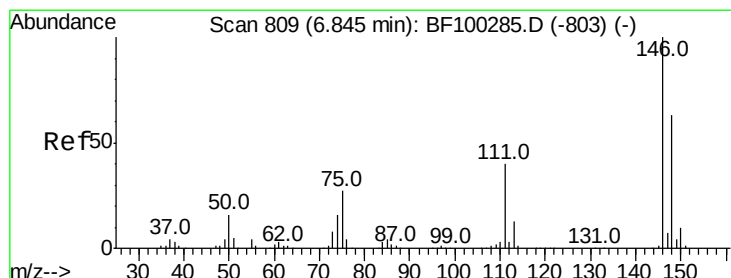
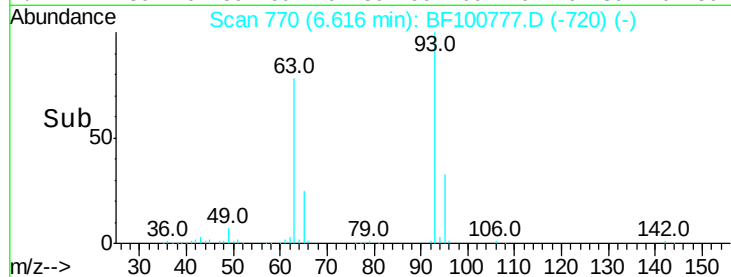
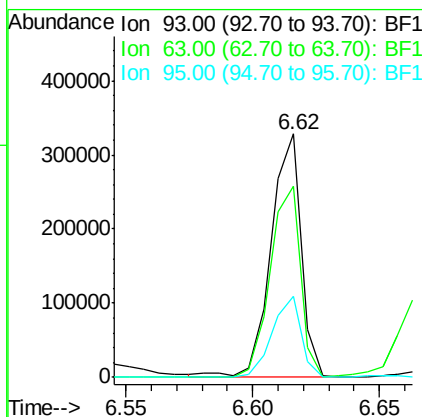
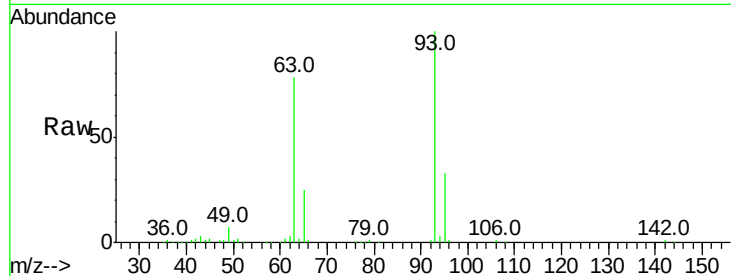
ClientSampleId :

OR-01-111717MSD

Tot Ion:	93	Resp:	273928
Ion Ratio	Lower	Upper	
93	100		
63	78.4	58.6	98.6
95	33.2	11.8	51.8

Manual Integrations
APPROVED

Sohil
11/22/2017 5:04:08 PM



#12

1,3-Dichlorobenzene

Concen: 51.777 ng

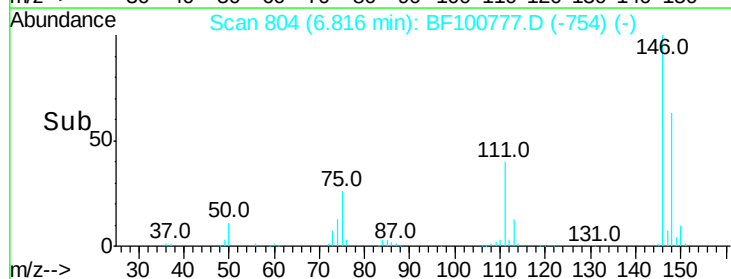
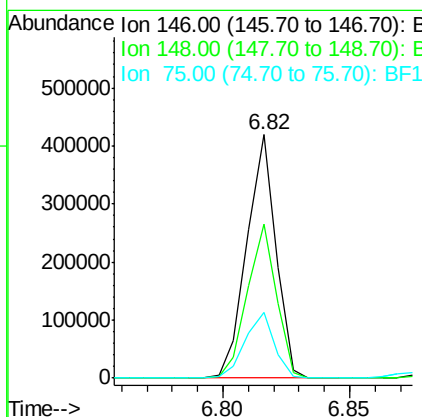
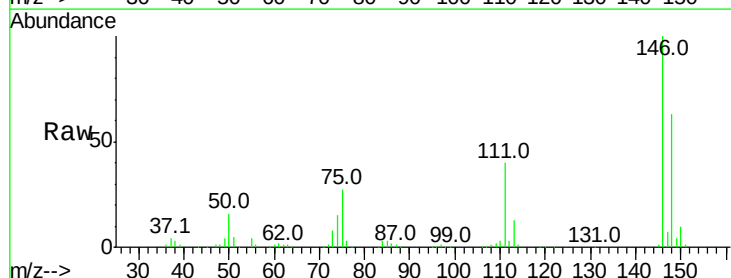
RT: 6.82 min Scan# 804

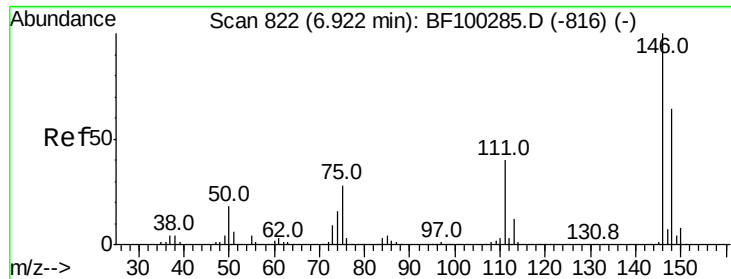
Delta R.T. -0.01 min

Lab File: BF100777.D

Acq: 21 Nov 2017 13:50

Tgt Ion:	146	Resp:	335081
Ion Ratio	Lower	Upper	
146	100		
148	63.0	51.8	77.8
75	26.9	24.2	36.4





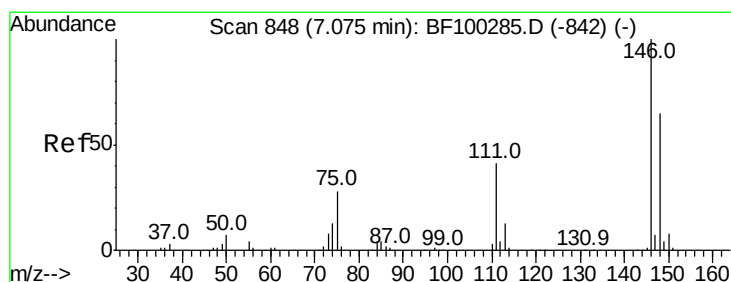
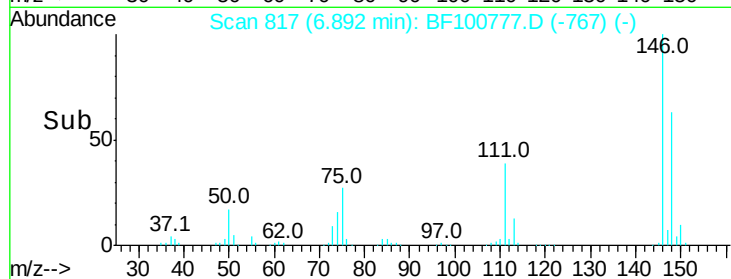
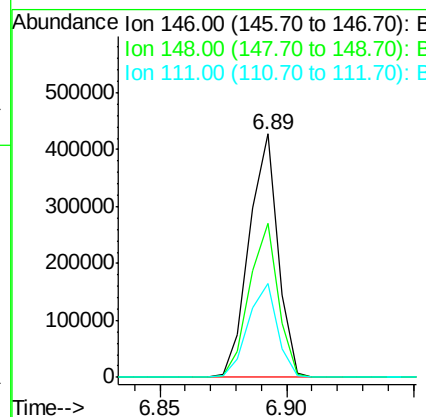
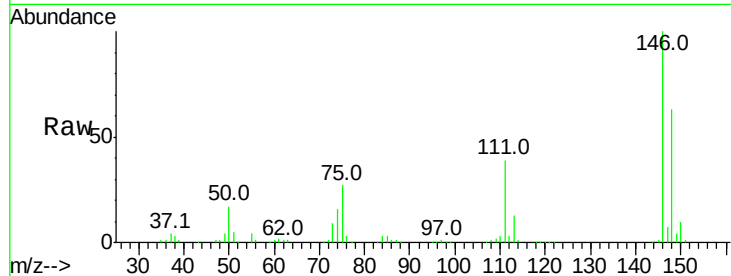
#13
1,4-Dichlorobenzene
Concen: 51.736 ng
RT: 6.89 min Scan# 817
Delta R.T. -0.01 min
Lab File: BF100777.D
Acq: 21 Nov 2017 13:50

Instrument :
BNA_F
ClientSampleId :
OR-01-111717MSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.2	50.8	76.2
111	38.7	34.2	51.2

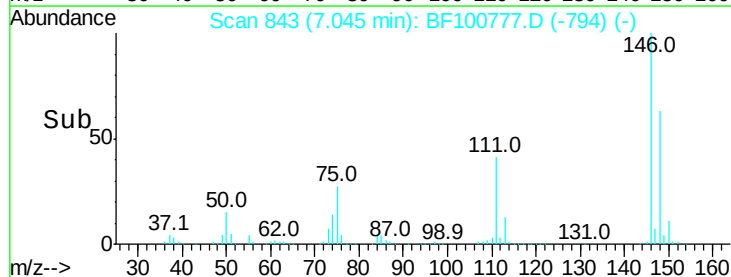
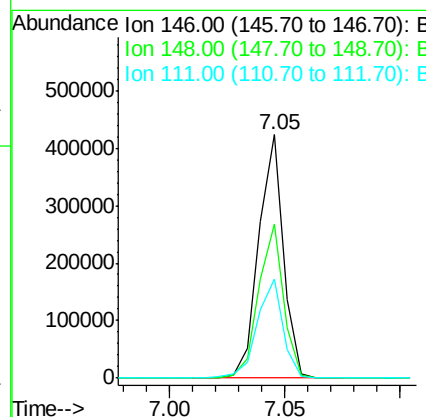
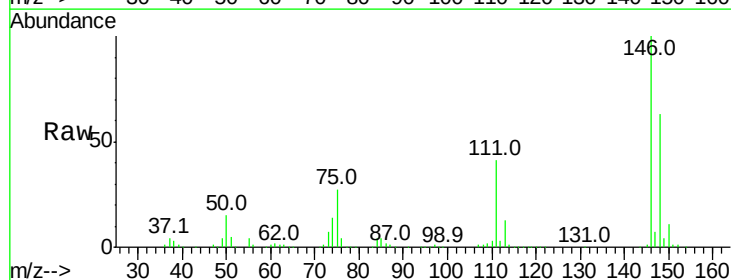
Manual Integrations
APPROVED

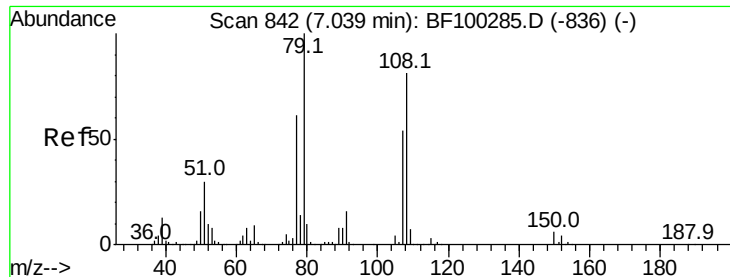
Sohil
11/22/2017 5:04:08 PM



#14
1,2-Dichlorobenzene
Concen: 52.313 ng
RT: 7.05 min Scan# 843
Delta R.T. -0.01 min
Lab File: BF100777.D
Acq: 21 Nov 2017 13:50

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.4	50.6	75.8
111	40.7	36.0	54.0





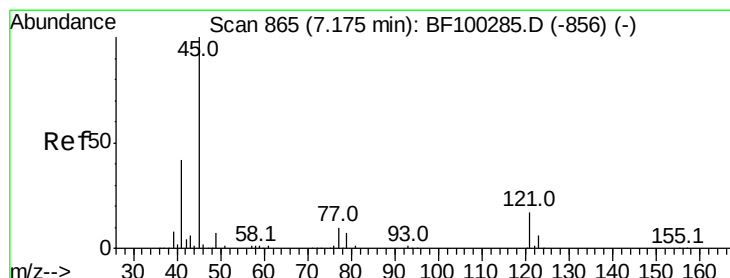
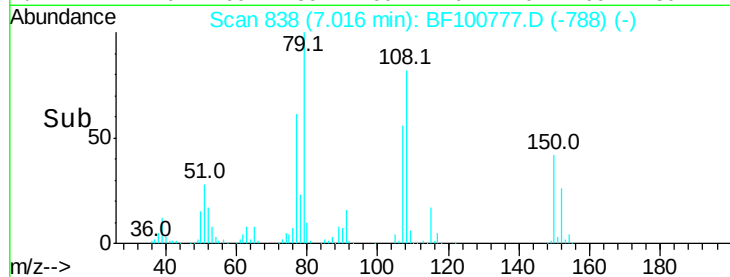
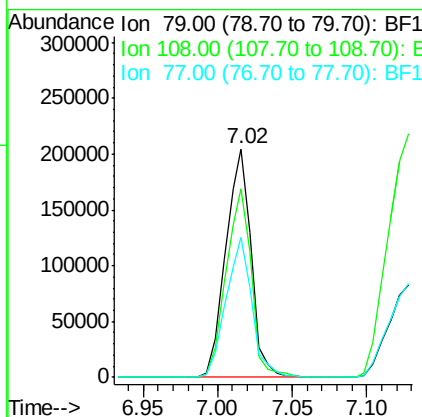
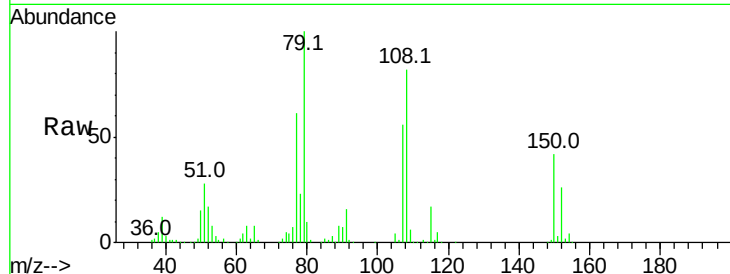
#15
Benzyl Alcohol
Concen: 48.136 ng
RT: 7.02 min Scan# 838
Delta R.T. -0.01 min
Lab File: BF100777.D
Acq: 21 Nov 2017 13:50

Instrument :
BNA_F
ClientSampleId :
OR-01-111717MSD

Tot Ion	Ratio	Lower	Upper
79	100		
108	82.5	65.1	97.7
77	61.4	50.6	75.8

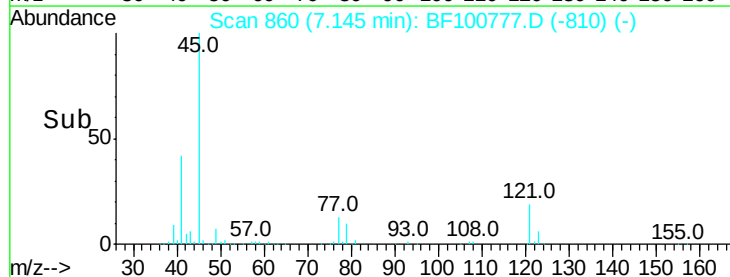
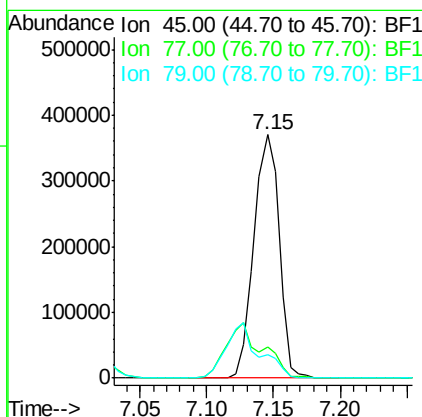
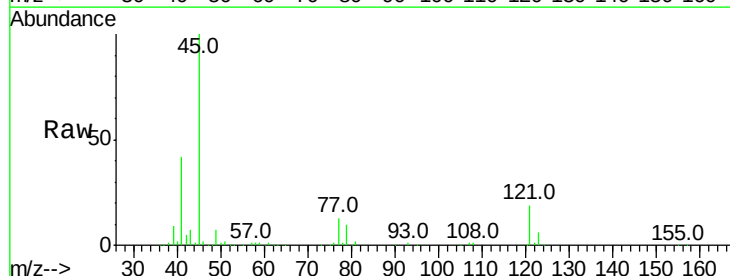
Manual Integrations
APPROVED

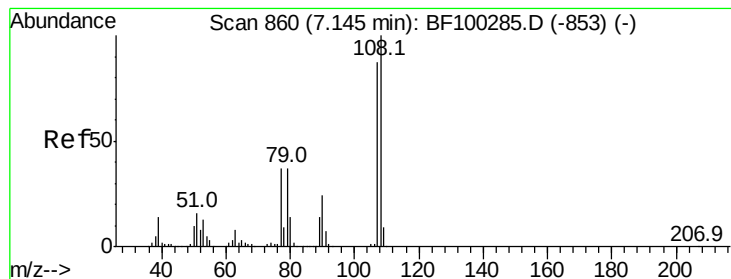
Sohil
11/22/2017 5:04:08 PM



#16
2,2'-oxybis(1-Chloropropane)
Concen: 52.216 ng
RT: 7.15 min Scan# 860
Delta R.T. -0.01 min
Lab File: BF100777.D
Acq: 21 Nov 2017 13:50

Tgt Ion	Ratio	Lower	Upper
45	100		
77	12.6	0.0	32.9
79	9.8	0.0	29.6





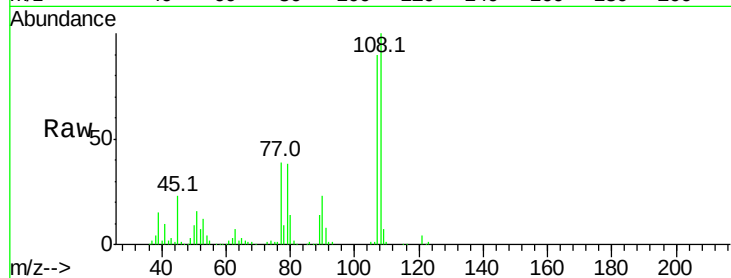
#17
2-Methylphenol
Concen: 51.576 ng
RT: 7.13 min Scan# 857
Delta R.T. -0.00 min
Lab File: BF100777.D
Acq: 21 Nov 2017 13:50

Instrument :
BNA_F
ClientSampleId :
OR-01-111717MSD

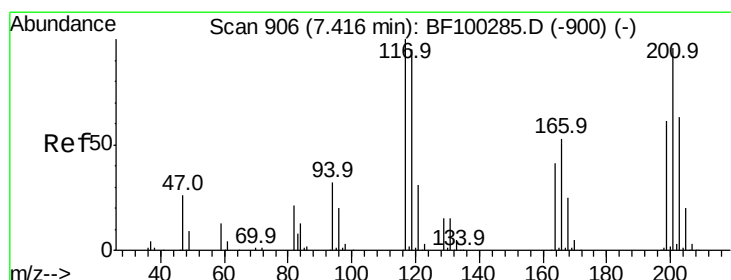
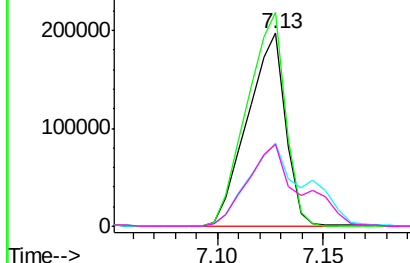
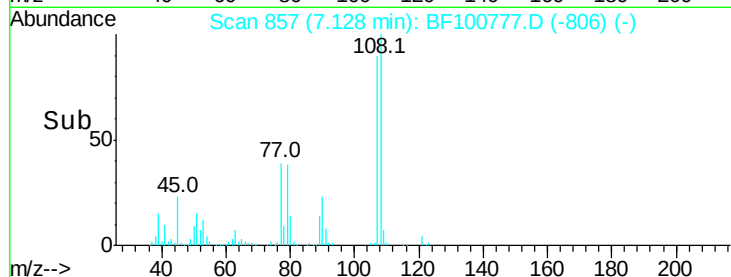
Tot Ion	107	Resp	247403
Ion Ratio	Lower	Upper	
107	100		
108	110.5	91.7	137.5
77	42.9	33.8	50.8
79	42.3	33.8	50.8

Manual Integrations
APPROVED

Sohil
11/22/2017 5:04:08 PM

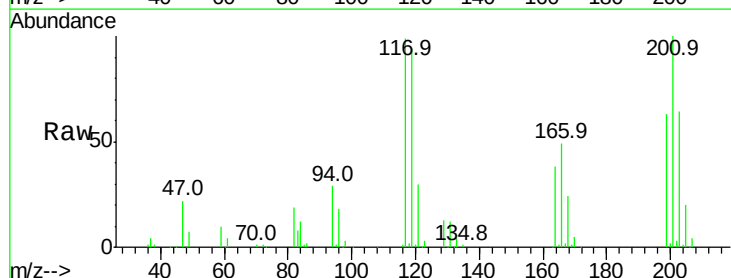


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

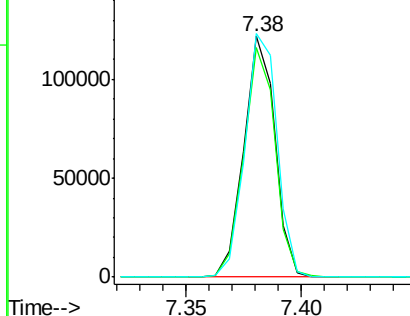
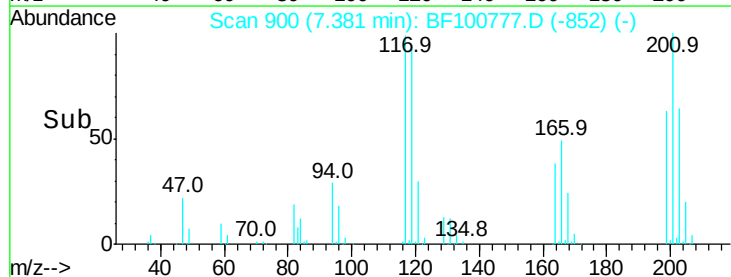


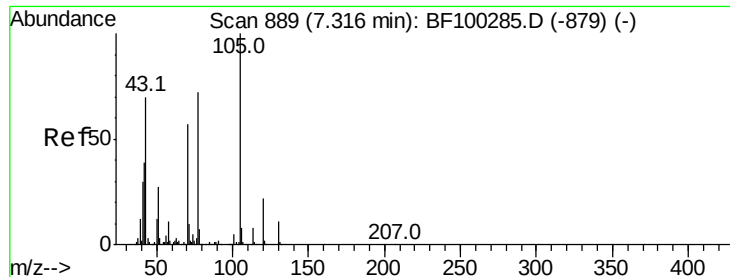
#18
Hexachloroethane
Concen: 53.107 ng
RT: 7.38 min Scan# 900
Delta R.T. -0.02 min
Lab File: BF100777.D
Acq: 21 Nov 2017 13:50

Tgt Ion	117	Resp	114692
Ion Ratio	Lower	Upper	
117	100		
119	95.6	75.8	113.8
201	101.2	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





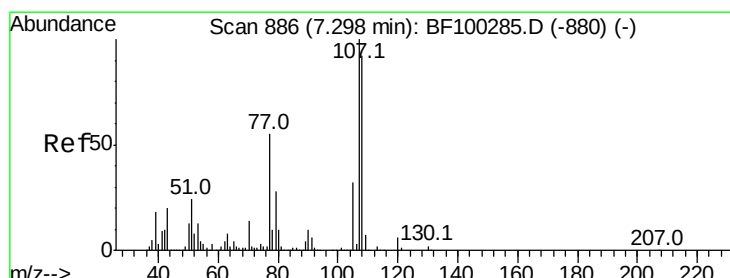
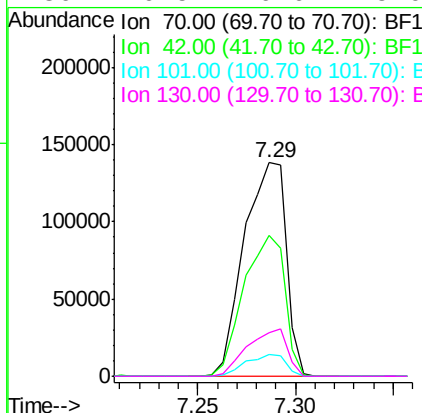
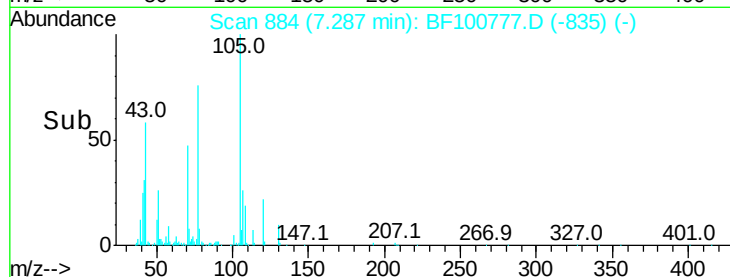
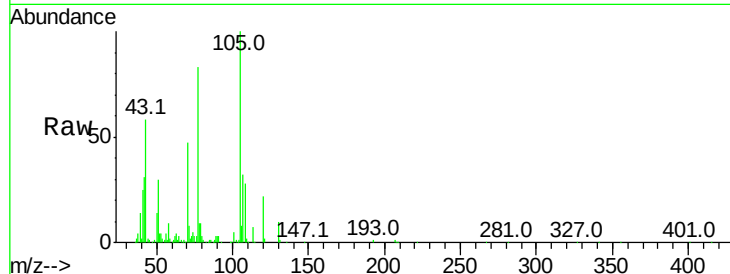
#19
n-Nitroso-di-n-propylamine
Concen: 45.626 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.01 min
Lab File: BF100777.D
Acq: 21 Nov 2017 13:50

Instrument :
BNA_F
ClientSampleId :
OR-01-111717MSD

Tot Ion	70	Resp	207030
Ion Ratio	Lower	Upper	
70	100		
42	66.0	47.5	71.3
101	10.0	7.4	11.2
130	20.5	16.6	25.0

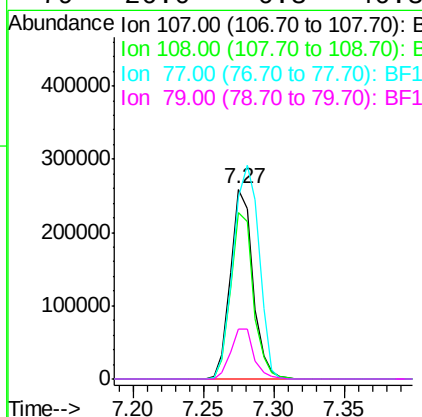
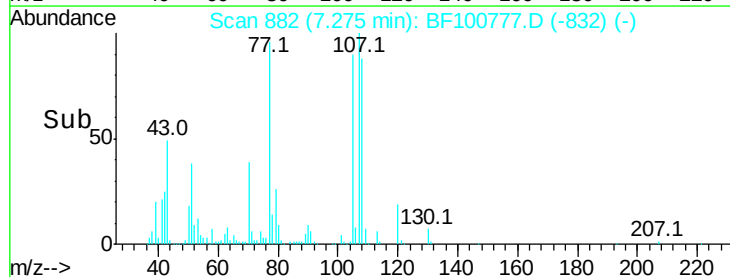
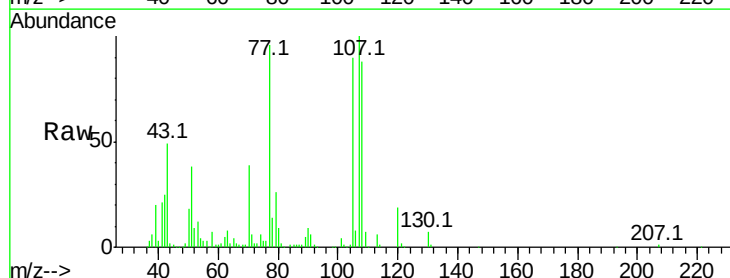
Manual Integrations
APPROVED

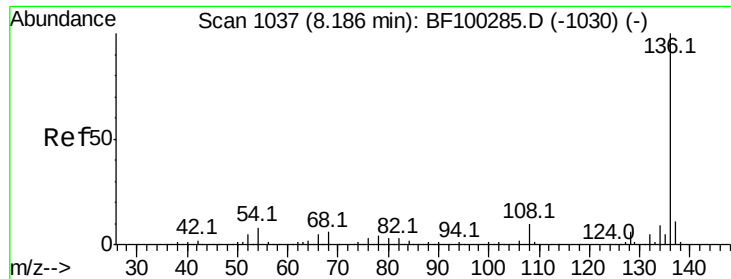
Sohil
11/22/2017 5:04:08 PM



#20
3+4-Methylphenols
Concen: 47.511 ng
RT: 7.27 min Scan# 882
Delta R.T. -0.01 min
Lab File: BF100777.D
Acq: 21 Nov 2017 13:50

Tgt Ion	107	Resp	288397
Ion Ratio	Lower	Upper	
107	100		
108	87.7	68.2	108.2
77	95.9	26.7	66.7#
79	26.0	6.3	46.3





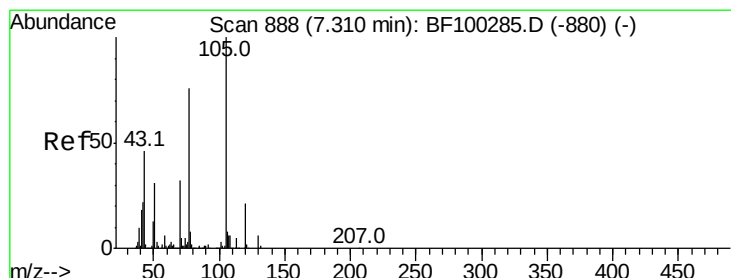
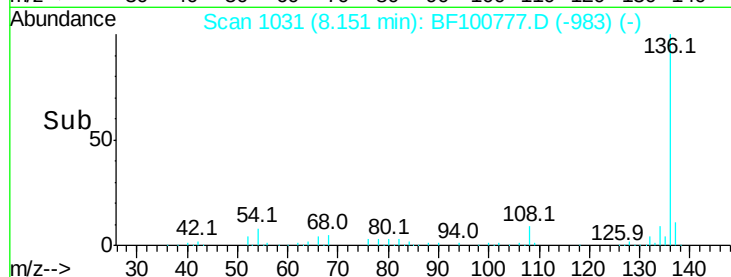
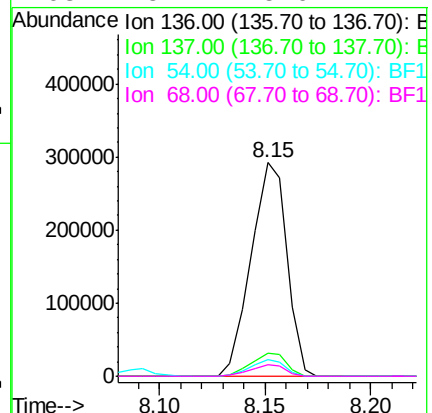
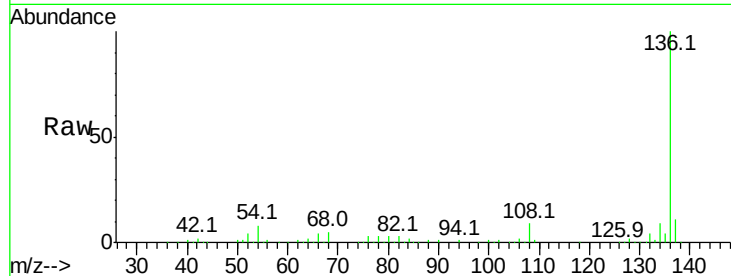
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.15 min Scan# 1031
Delta R.T. -0.02 min
Lab File: BF100777.D
Acq: 21 Nov 2017 13:50

Instrument :
BNA_F
ClientSampleId :
OR-01-111717MSD

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	10.9	8.9	13.3	
54	8.0	6.6	9.8	
68	5.4	5.0	7.4	

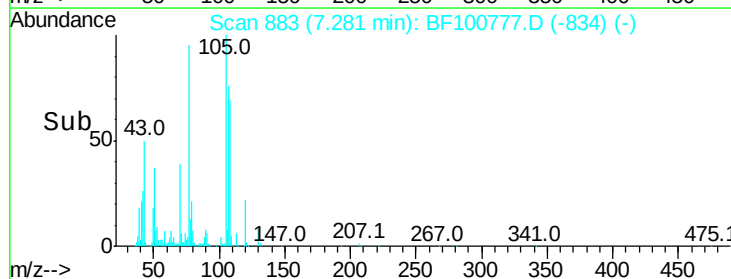
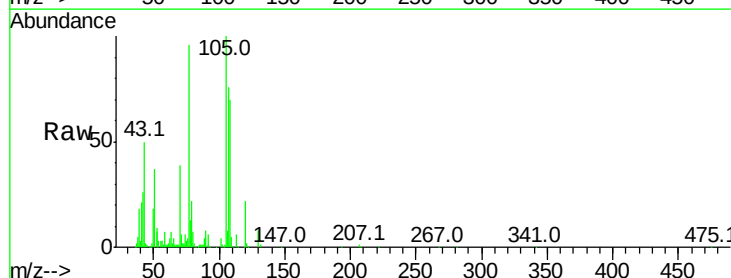
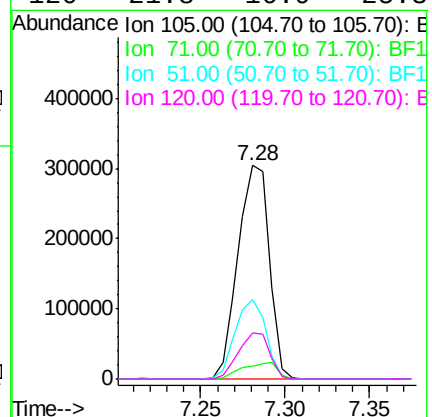
Manual Integrations
APPROVED

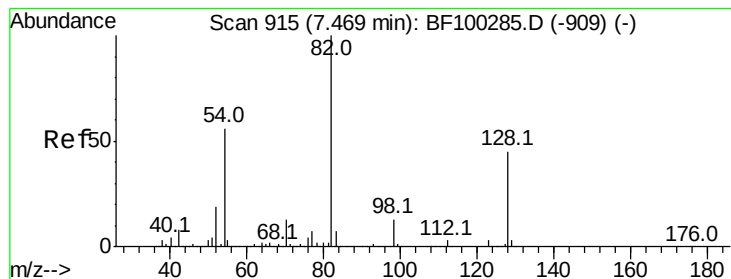
Sohil
11/22/2017 5:04:08 PM



#22
Acetophenone
Concen: 46.829 ng
RT: 7.28 min Scan# 883
Delta R.T. -0.01 min
Lab File: BF100777.D
Acq: 21 Nov 2017 13:50

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	6.3	4.4	6.6	
51	37.4	22.3	33.5	
120	21.8	16.9	25.3	





#23

Nitrobenzene-d5

Concen: 102.530 ng

RT: 7.44 min Scan# 910

Delta R.T. -0.01 min

Lab File: BF100777.D

Acq: 21 Nov 2017 13:50

Instrument :

BNA_F

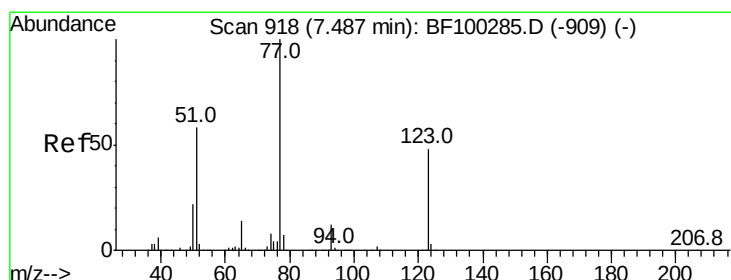
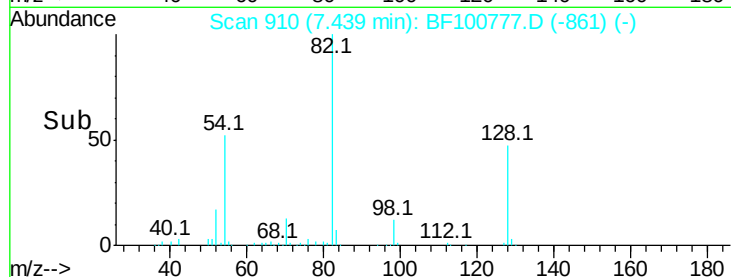
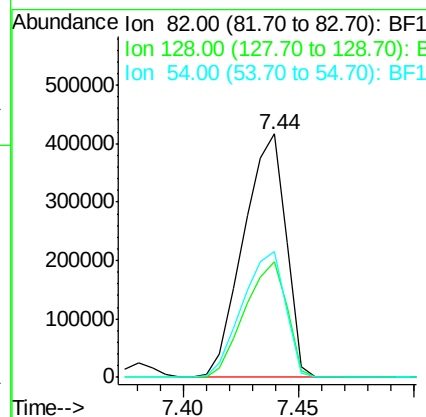
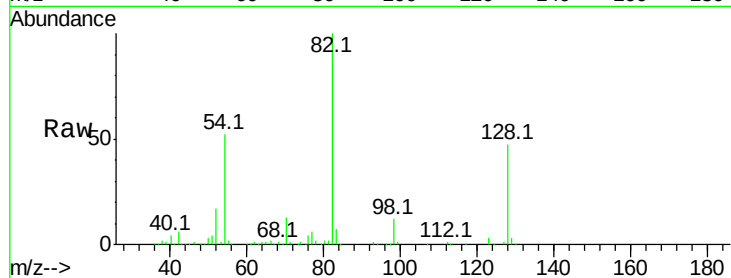
ClientSampleId :

OR-01-111717MSD

Tot Ion:	82	Resp:	534907
Ion Ratio	Lower	Upper	
82	100		
128	47.3	36.1	54.1
54	51.9	41.4	62.2

Manual Integrations
APPROVED

Sohil
11/22/2017 5:04:08 PM



#24

Nitrobenzene

Concen: 56.517 ng

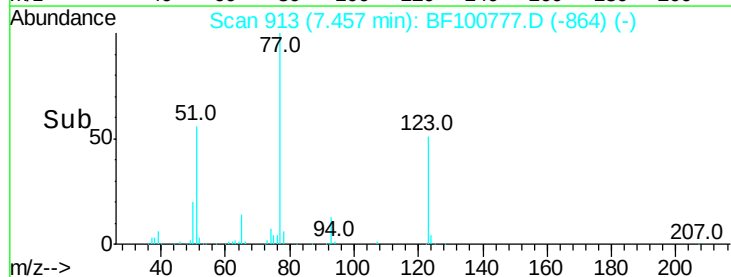
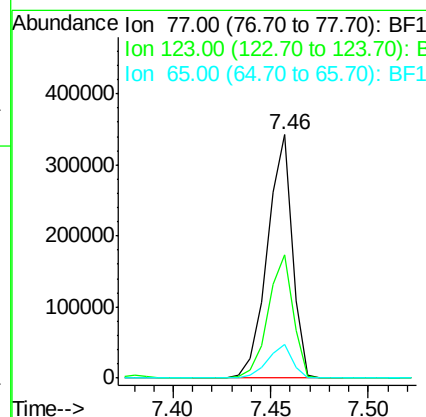
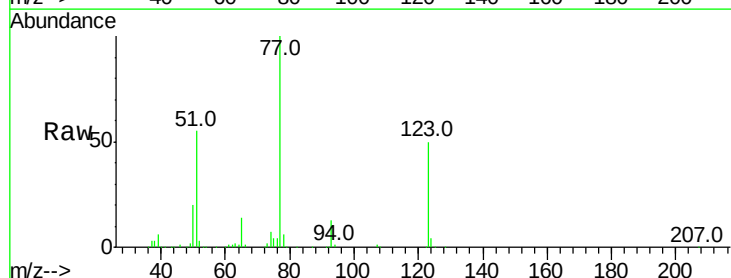
RT: 7.46 min Scan# 913

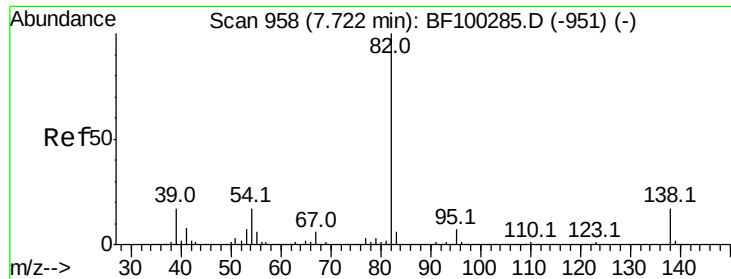
Delta R.T. -0.01 min

Lab File: BF100777.D

Acq: 21 Nov 2017 13:50

Tgt Ion:	77	Resp:	303480
Ion Ratio	Lower	Upper	
77	100		
123	50.5	37.9	56.9
65	13.8	11.0	16.4





#25

Isophorone

Concen: 52.333 ng

RT: 7.70 min Scan# 954

Delta R.T. -0.01 min

Lab File: BF100777.D

Acq: 21 Nov 2017 13:50

Instrument :

BNA_F

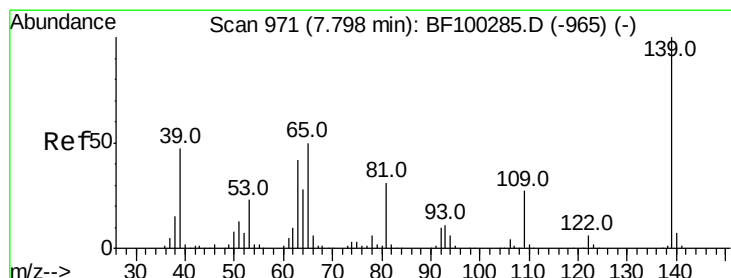
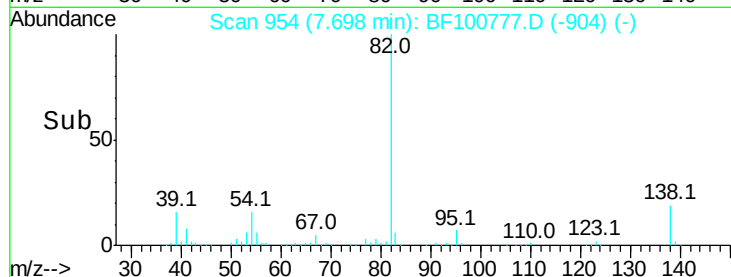
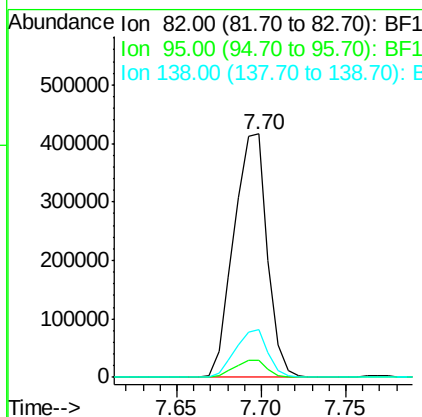
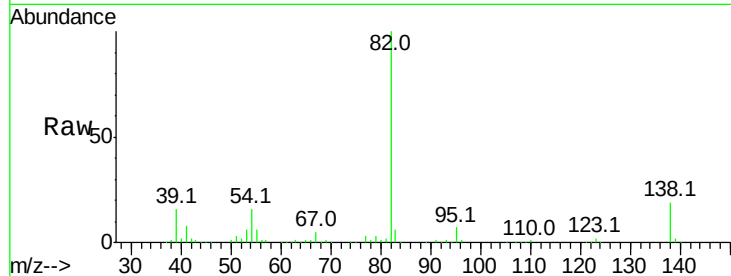
ClientSampleId :

OR-01-111717MSD

Tot Ion:	82	Resp:	573742
Ion Ratio	Lower	Upper	
82	100		
95	6.9	5.2	7.8
138	19.4	14.9	22.3

Manual Integrations
APPROVED

Sohil
11/22/2017 5:04:08 PM



#26

2-Nitrophenol

Concen: 65.543 ng

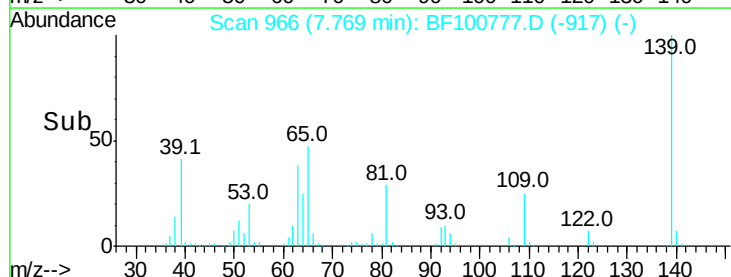
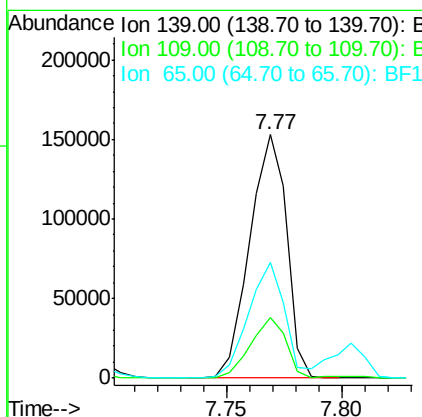
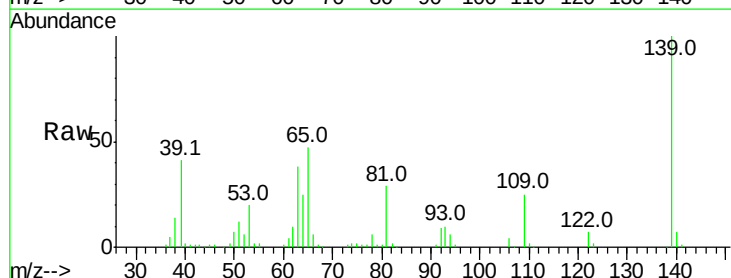
RT: 7.77 min Scan# 966

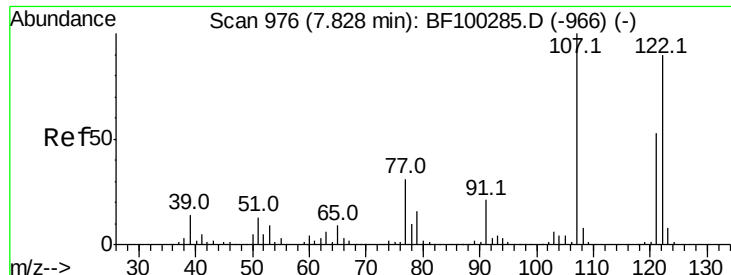
Delta R.T. -0.01 min

Lab File: BF100777.D

Acq: 21 Nov 2017 13:50

Tgt Ion:	139	Resp:	170588
Ion Ratio	Lower	Upper	
139	100		
109	24.7	22.7	34.1
65	47.5	40.5	60.7





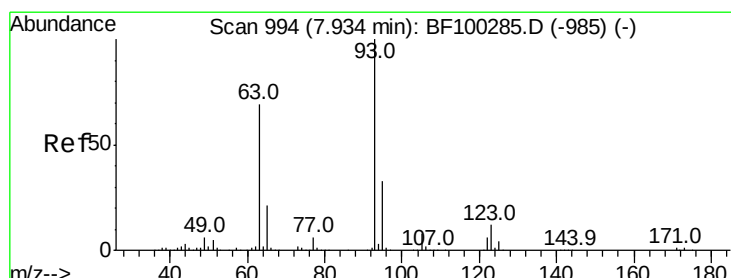
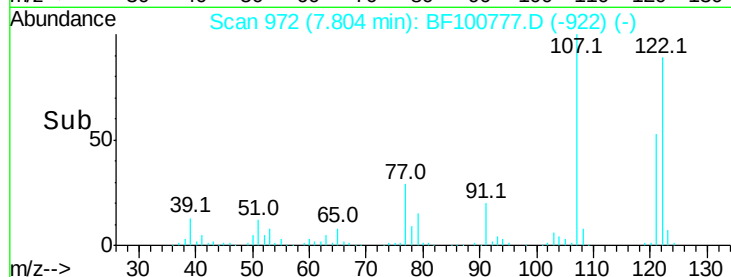
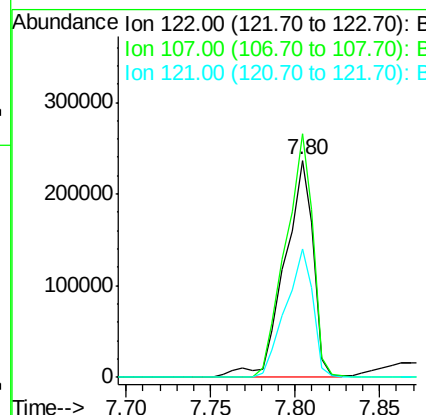
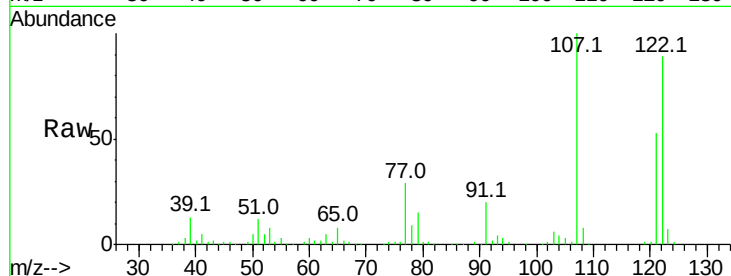
#27
2,4-Dimethylphenol
Concen: 57.316 ng
RT: 7.80 min Scan# 972
Delta R.T. -0.01 min
Lab File: BF100777.D
Acq: 21 Nov 2017 13:50

Instrument :
BNA_F
ClientSampleId :
OR-01-111717MSD

Tot Ion	Ratio	Resp	Lower	Upper
122	100	281685		
107	112.1	91.2	136.8	
121	59.2	47.2	70.8	

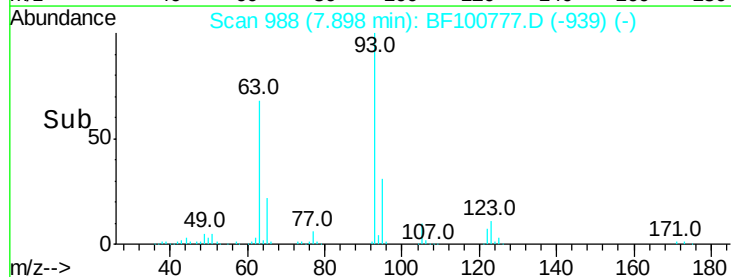
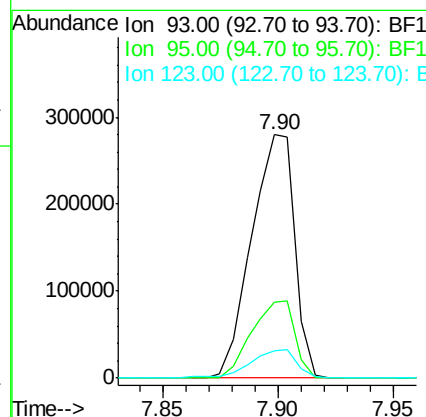
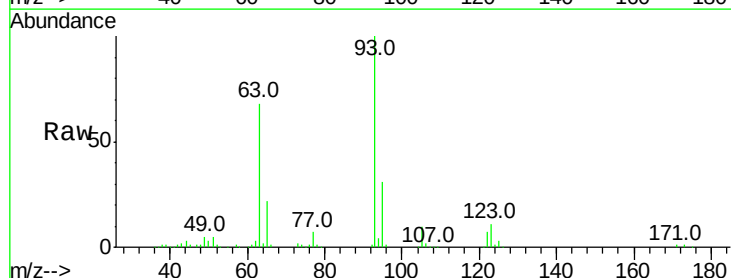
Manual Integrations
APPROVED

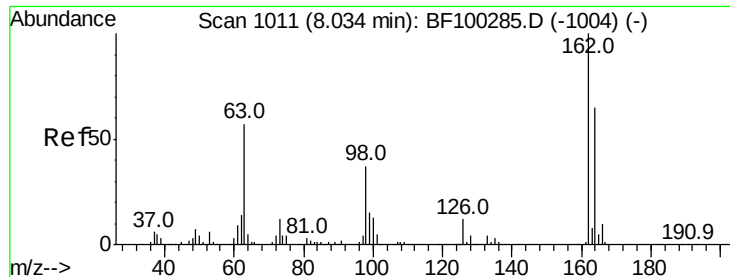
Sohil
11/22/2017 5:04:08 PM



#28
bis(2-Chloroethoxy)methane
Concen: 50.647 ng
RT: 7.90 min Scan# 988
Delta R.T. -0.01 min
Lab File: BF100777.D
Acq: 21 Nov 2017 13:50

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	363203		
95	31.4	26.3	39.5	
123	11.4	9.8	14.6	





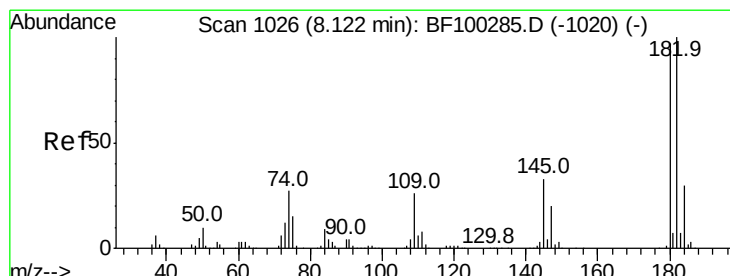
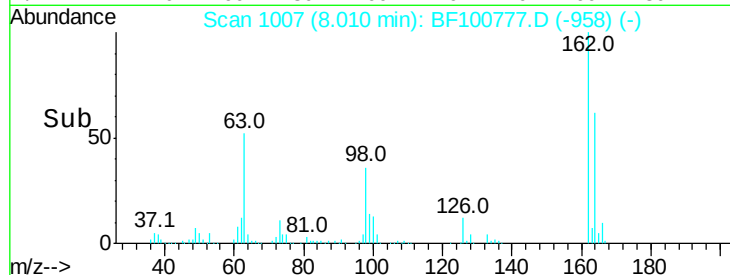
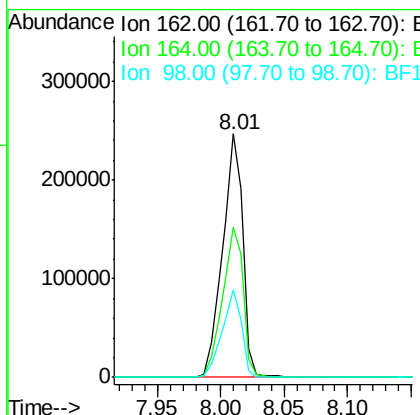
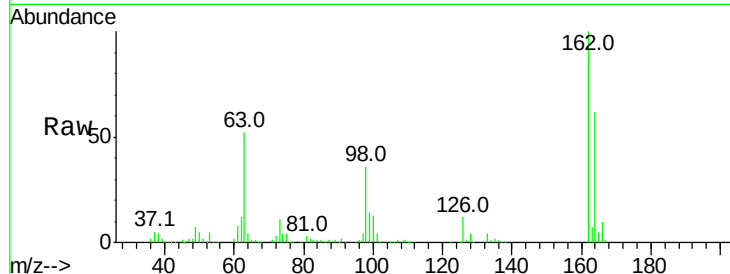
#29
 2,4-Dichlorophenol
 Concen: 58.226 ng
 RT: 8.01 min Scan# 1007
 Delta R.T. -0.01 min
 Lab File: BF100777.D
 Acq: 21 Nov 2017 13:50

Instrument :
 BNA_F
 ClientSampleId :
 OR-01-111717MSD

Tot Ion	Ratio	Resp	Lower	Upper
162	100	273181		
164	61.9	42.7	82.7	
98	36.1	18.1	58.1	

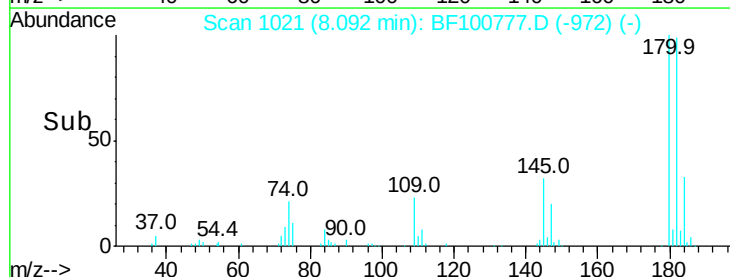
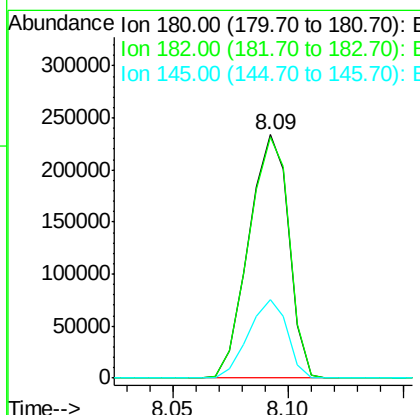
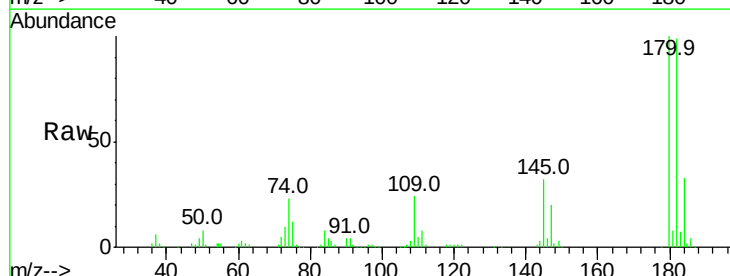
Manual Integrations
 APPROVED

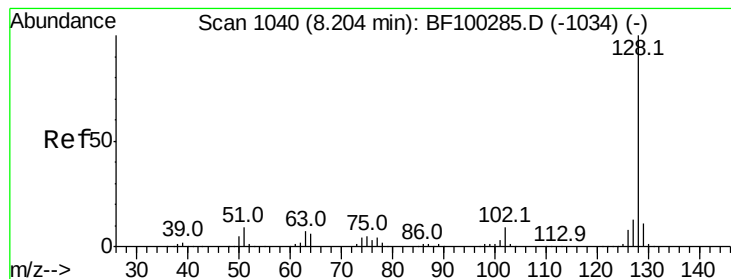
Sohil
 11/22/2017 5:04:08 PM



#30
 1,2,4-Trichlorobenzene
 Concen: 55.663 ng
 RT: 8.09 min Scan# 1021
 Delta R.T. -0.01 min
 Lab File: BF100777.D
 Acq: 21 Nov 2017 13:50

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	282493		
182	99.2	76.8	115.2	
145	32.4	26.5	39.7	





#31

Naphthalene

Concen: 54.632 ng

RT: 8.17 min Scan# 1035

Delta R.T. -0.01 min

Lab File: BF100777.D

Acq: 21 Nov 2017 13:50

Instrument :

BNA_F

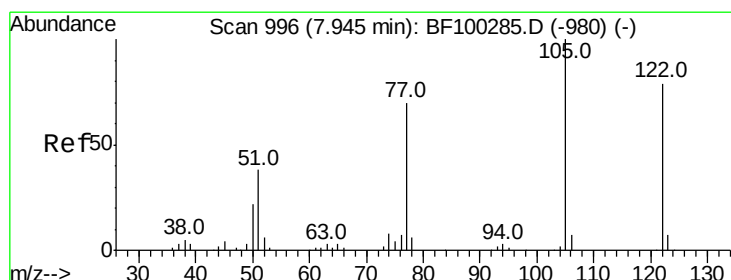
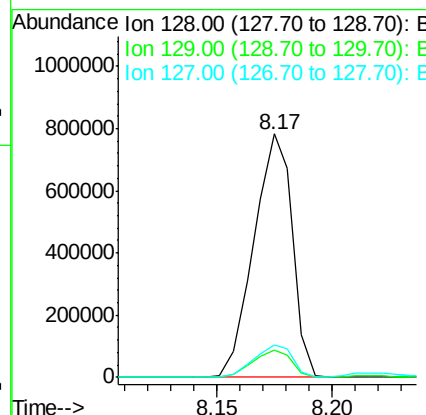
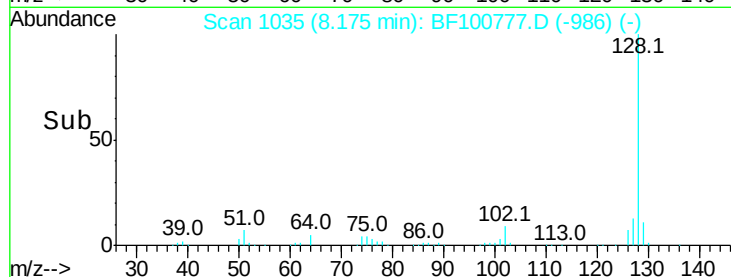
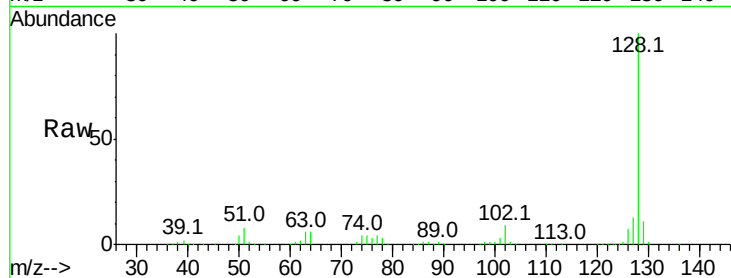
ClientSampleId :

OR-01-111717MSD

Tot Ion:	128	Resp:	907613
Ion Ratio	Lower	Upper	
128	100		
129	11.4	8.8	13.2
127	13.4	10.9	16.3

Manual Integrations
APPROVED

Sohil
11/22/2017 5:04:08 PM



#32

Benzoic acid

Concen: 29.485 ng m

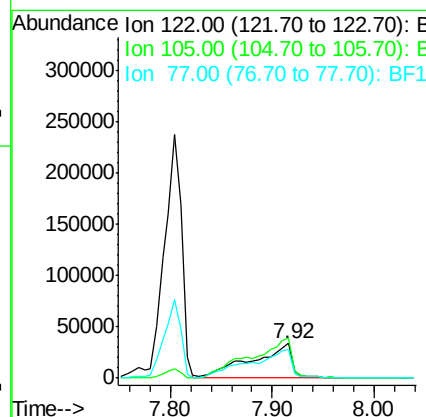
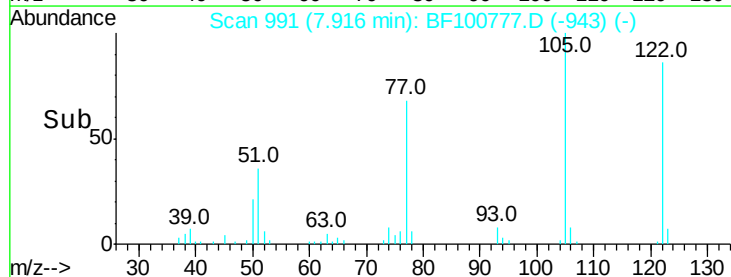
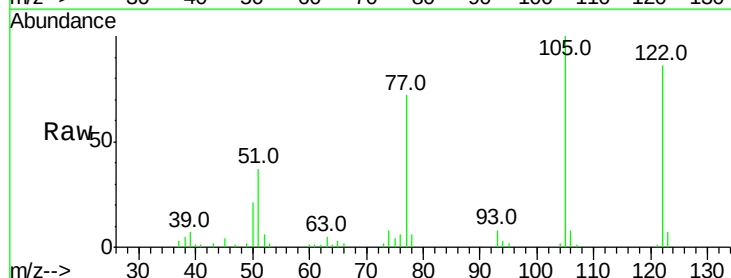
RT: 7.92 min Scan# 991

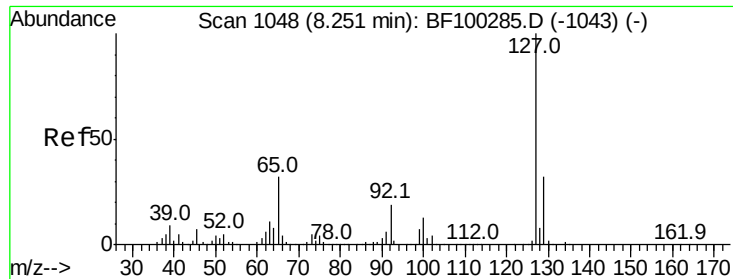
Delta R.T. -0.02 min

Lab File: BF100777.D

Acq: 21 Nov 2017 13:50

Tgt Ion:	122	Resp:	94063
Ion Ratio	Lower	Upper	
122	100		
105	116.9	101.1	141.1
77	84.0	70.7	110.7





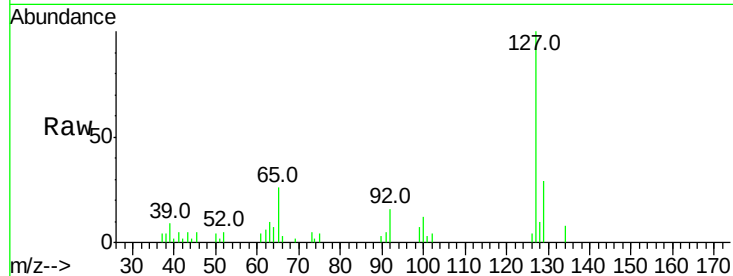
#33
4-Chloroaniline
Concen: 3.530 ng
RT: 8.22 min Scan# 1042
Delta R.T. -0.02 min
Lab File: BF100777.D
Acq: 21 Nov 2017 13:50

Instrument :
BNA_F
ClientSampleId :
OR-01-111717MSD

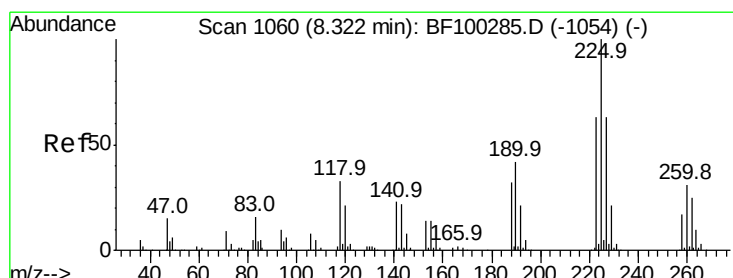
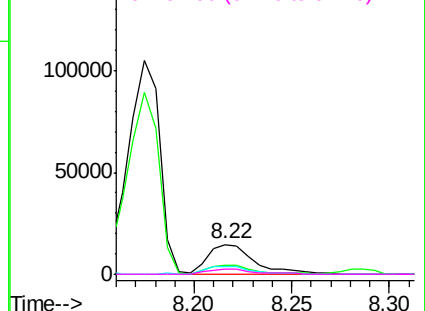
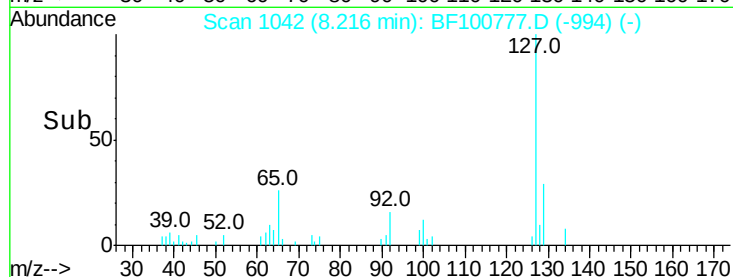
Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100		24412		
129	29.0	25.9	38.9		
65	26.1	25.0	37.4		
92	15.7	15.2	22.8		

Manual Integrations
APPROVED

Sohil
11/22/2017 5:04:08 PM

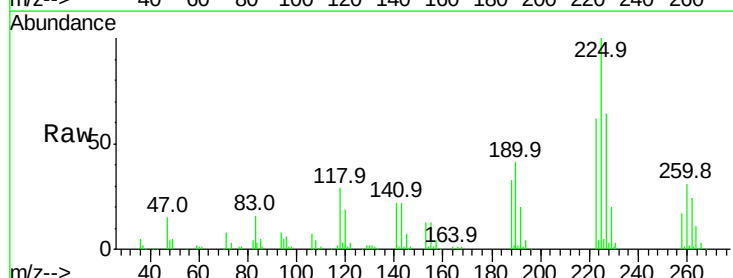


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

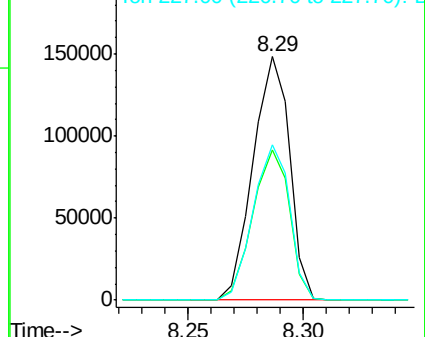
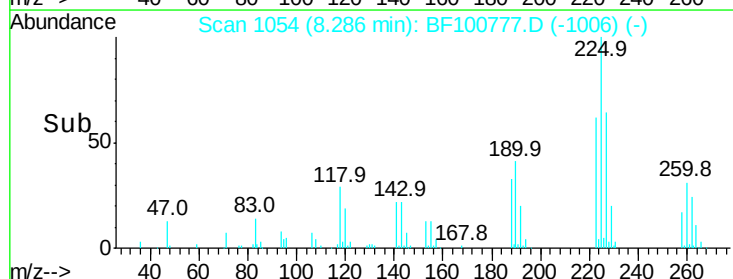


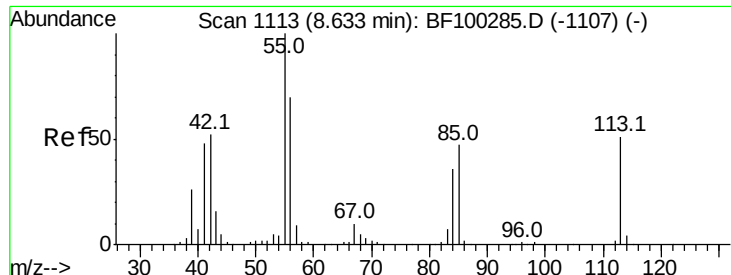
#34
Hexachlorobutadiene
Concen: 54.398 ng
RT: 8.29 min Scan# 1054
Delta R.T. -0.02 min
Lab File: BF100777.D
Acq: 21 Nov 2017 13:50

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100		164145		
223	61.8	50.6	76.0		
227	63.6	51.9	77.9		



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





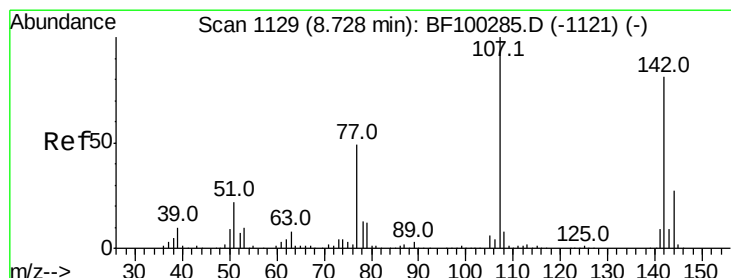
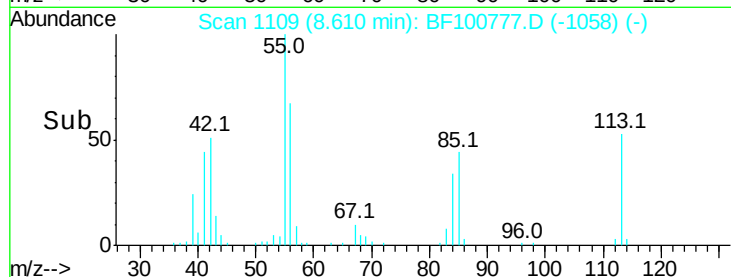
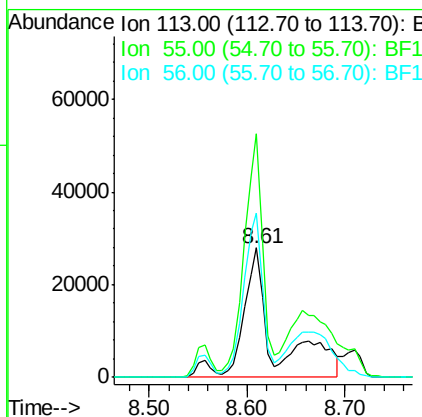
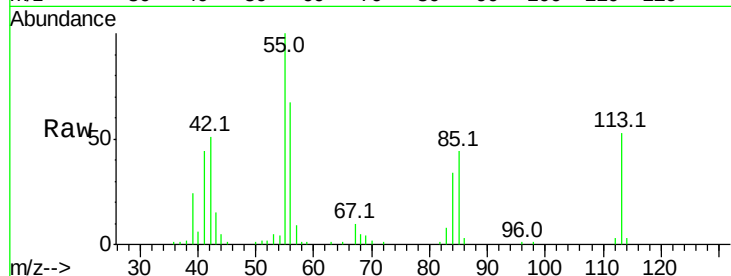
#35
 Caprolactam
 Concen: 39.501 ng/ml
 RT: 8.61 min Scan# 1109
 Delta R.T. -0.00 min
 Lab File: BF100777.D
 Acq: 21 Nov 2017 13:50

Instrument :
 BNA_F
 ClientSampleId :
 OR-01-111717MSD

Tot Ion	Ratio	Lower	Upper
113	100		
55	187.9	163.3	203.3
56	126.5	115.7	155.7

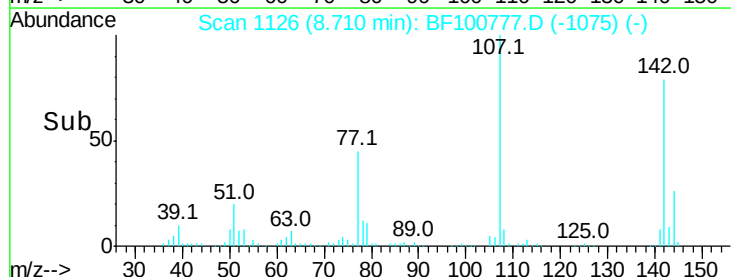
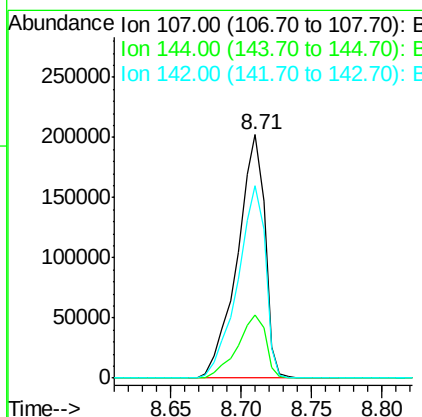
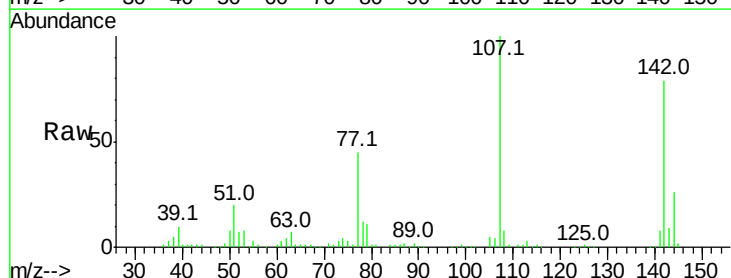
Manual Integrations
 APPROVED

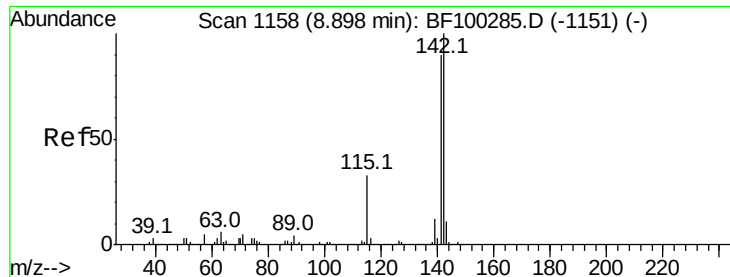
Sohil
 11/22/2017 5:04:08 PM



#36
 4-Chloro-3-methylphenol
 Concen: 54.841 ng/ml
 RT: 8.71 min Scan# 1126
 Delta R.T. -0.00 min
 Lab File: BF100777.D
 Acq: 21 Nov 2017 13:50

Tgt Ion	Ratio	Lower	Upper
107	100		
144	26.0	20.5	30.7
142	79.2	62.0	93.0





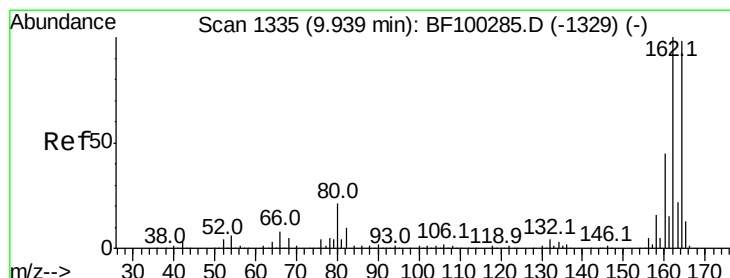
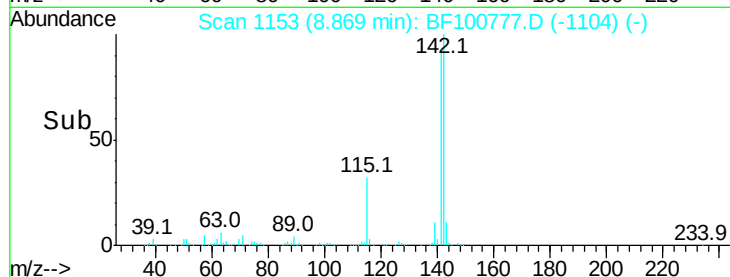
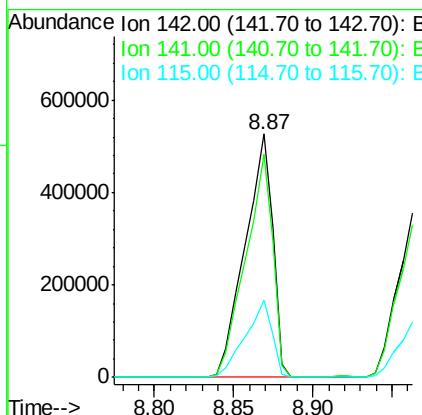
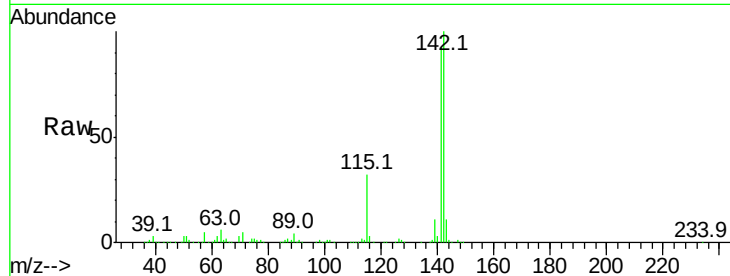
#37
2-Methylnaphthalene
Concen: 57.733 ng
RT: 8.87 min Scan# 1153
Delta R.T. -0.01 min
Lab File: BF100777.D
Acq: 21 Nov 2017 13:50

Instrument :
BNA_F
ClientSampleId :
OR-01-111717MSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	91.6	70.8	106.2
115	31.7	26.1	39.1

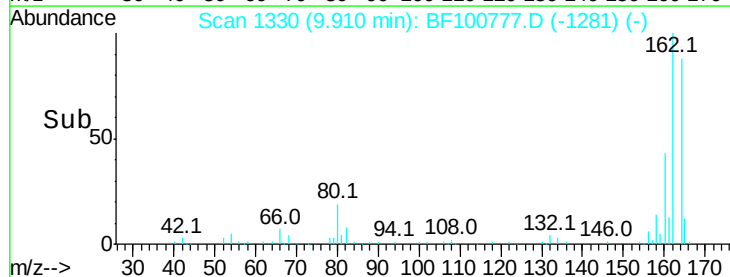
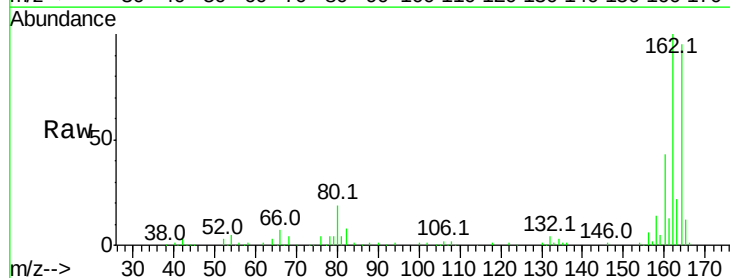
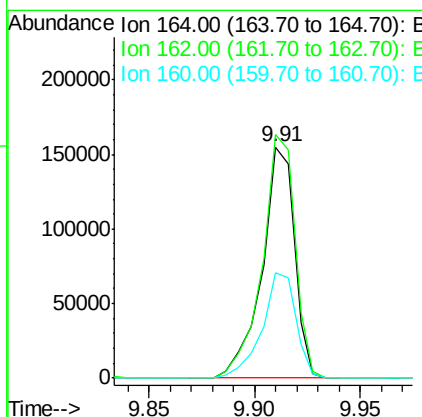
Manual Integrations
APPROVED

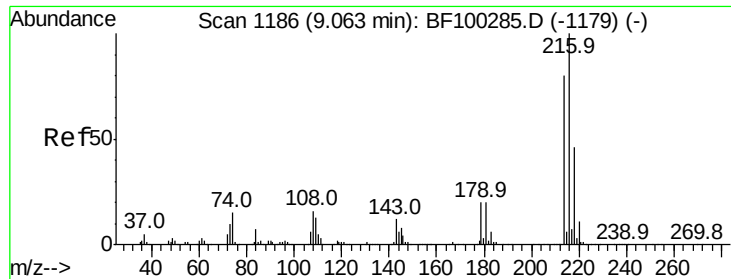
Sohil
11/22/2017 5:04:08 PM



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.91 min Scan# 1330
Delta R.T. -0.01 min
Lab File: BF100777.D
Acq: 21 Nov 2017 13:50

Tgt Ion	Ratio	Lower	Upper
164	100		
162	105.4	86.1	129.1
160	45.8	38.3	57.5





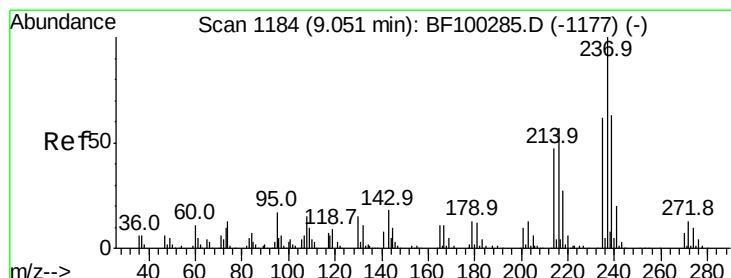
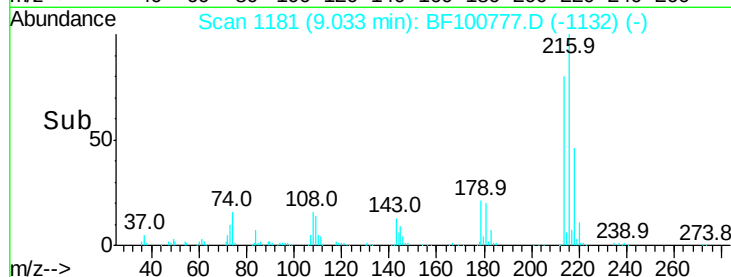
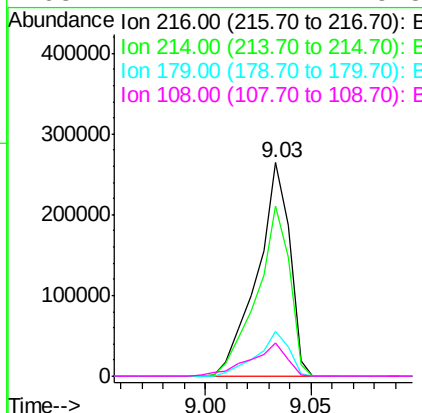
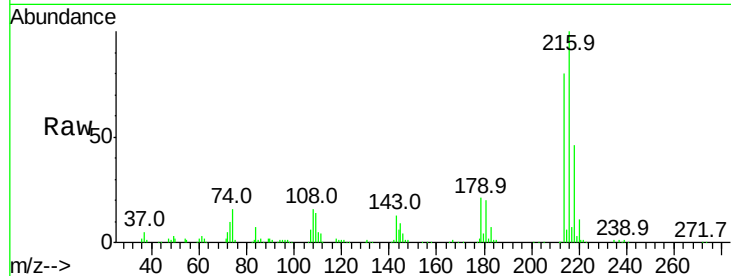
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 51.585 ng
 RT: 9.03 min Scan# 1181
 Delta R.T. -0.01 min
 Lab File: BF100777.D
 Acq: 21 Nov 2017 13:50

Instrument :
 BNA_F
 ClientSampleId :
 OR-01-111717MSD

Tot Ion	Ratio	Resp	Lower	Upper
216	100	284509		
214	79.7	63.0	94.4	
179	20.5	18.1	27.1	
108	17.4	17.2	25.8	

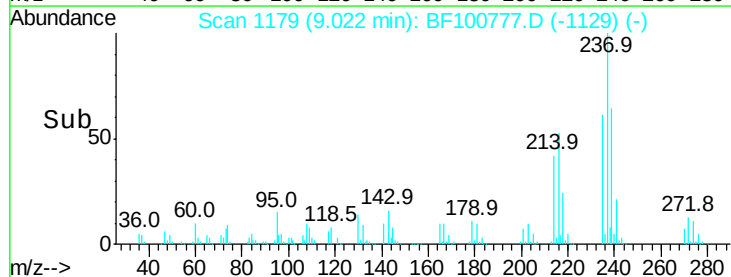
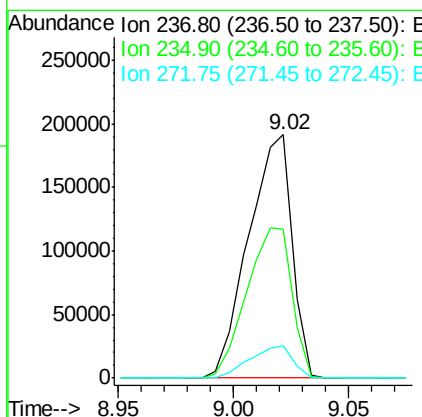
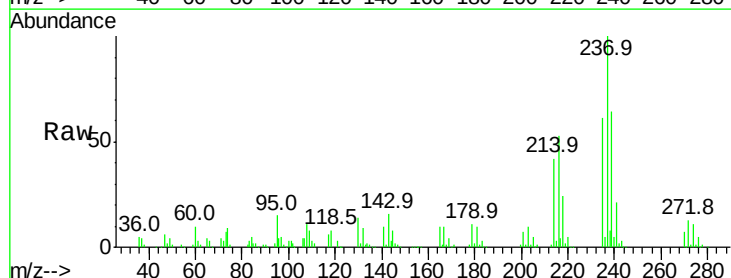
Manual Integrations
 APPROVED

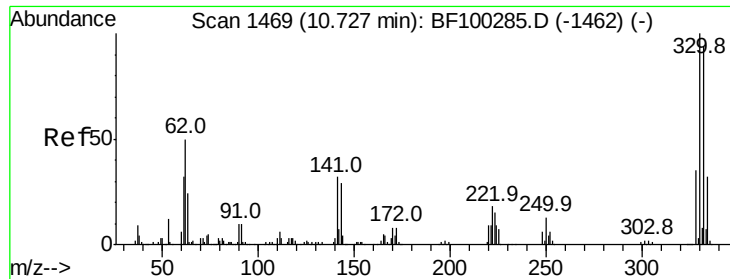
Sohil
 11/22/2017 5:04:08 PM



#40
 Hexachlorocyclopentadiene
 Concen: 96.867 ng
 RT: 9.02 min Scan# 1179
 Delta R.T. -0.01 min
 Lab File: BF100777.D
 Acq: 21 Nov 2017 13:50

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	251448		
235	61.3	44.8	84.8	
272	13.2	0.0	33.3	





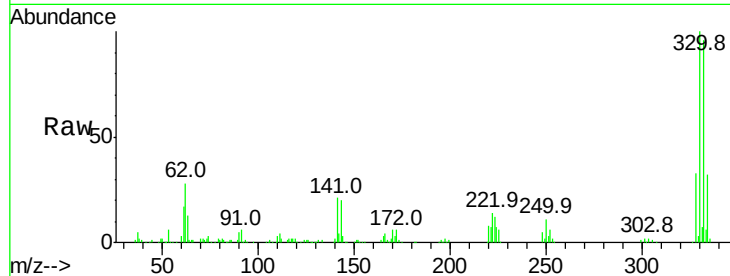
#41
 2,4,6-Tribromophenol
 Concen: 147.871 ng
 RT: 10.71 min Scan# 1466
 Delta R.T. -0.00 min
 Lab File: BF100777.D
 Acq: 21 Nov 2017 13:50

Instrument :
 BNA_F
 ClientSampleId :
 OR-01-111717MSD

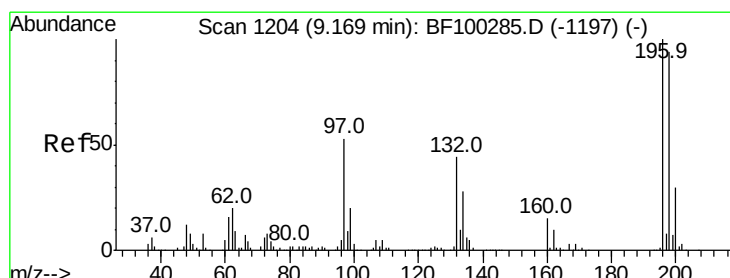
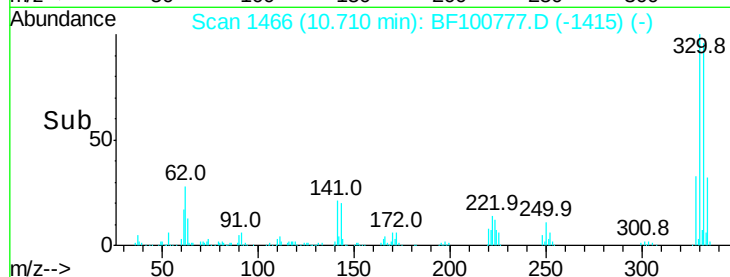
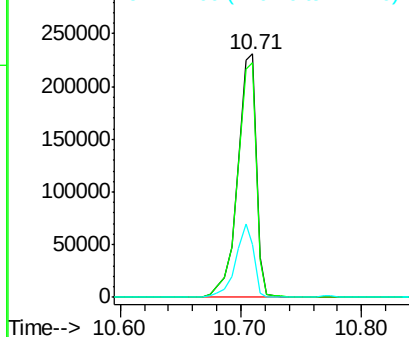
Tot Ion	Ratio	Resp	Lower	Upper
330	100	250584		
332	96.7	77.0	115.6	
141	28.6	29.9	44.9#	

Manual Integrations
 APPROVED

Sohil
 11/22/2017 5:04:08 PM

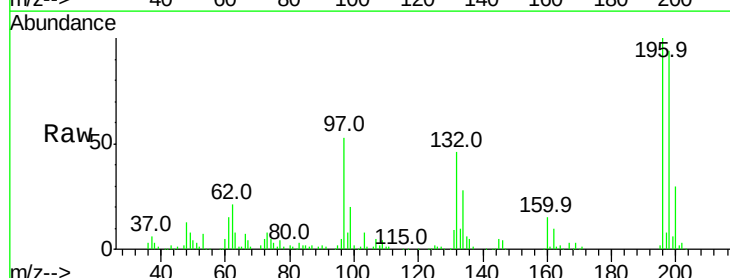


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

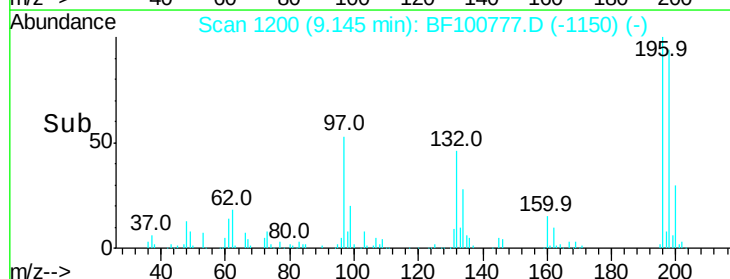
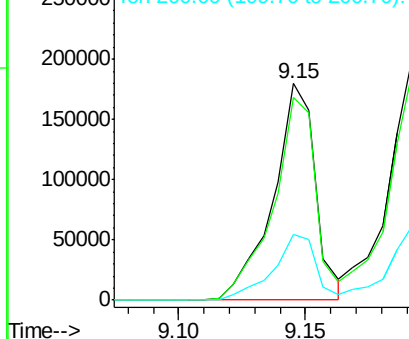


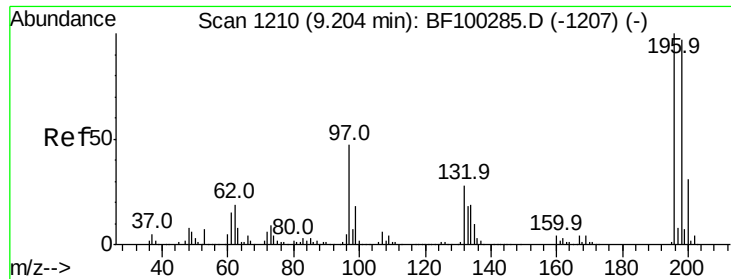
#42
 2,4,6-Trichlorophenol
 Concen: 59.527 ng
 RT: 9.15 min Scan# 1200
 Delta R.T. -0.01 min
 Lab File: BF100777.D
 Acq: 21 Nov 2017 13:50

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	208079		
198	93.9	75.7	113.5	
200	30.5	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





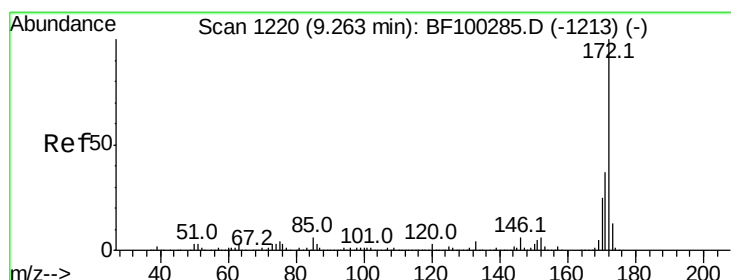
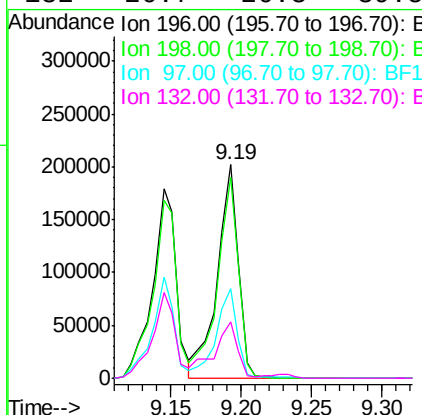
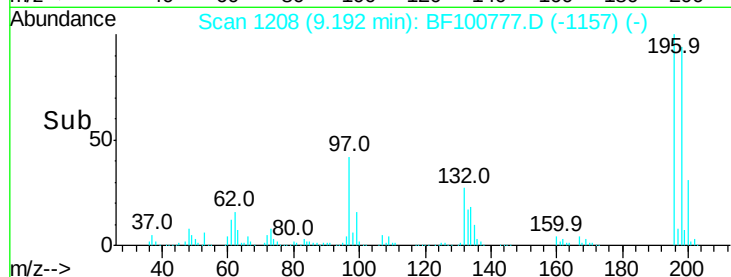
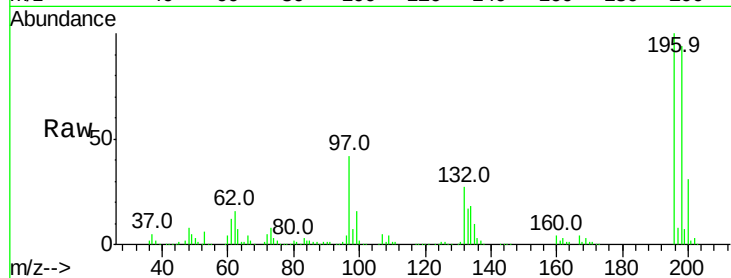
#43
 2,4,5-Trichlorophenol
 Concen: 57.904 ng
 RT: 9.19 min Scan# 1208
 Delta R.T. -0.00 min
 Lab File: BF100777.D
 Acq: 21 Nov 2017 13:50

Instrument :
 BNA_F
 ClientSampleId :
 OR-01-111717MSD

Tot Ion	Ratio	Resp	Lower	Upper
196	100	209709		
198	94.0		74.6	112.0
97	41.8		42.9	64.3#
132	26.7		26.3	39.5

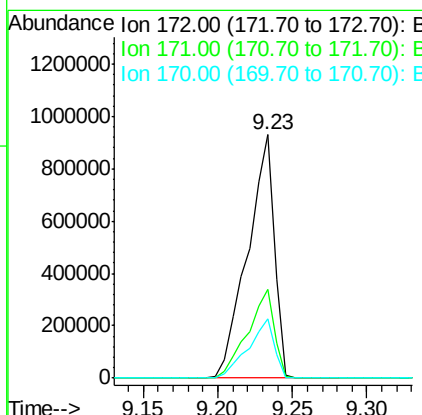
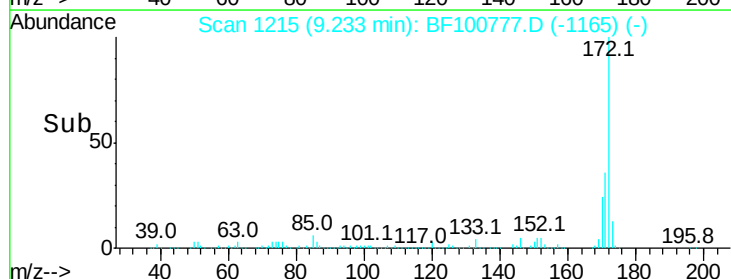
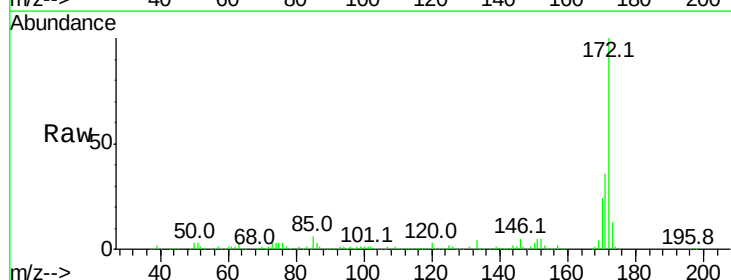
Manual Integrations
 APPROVED

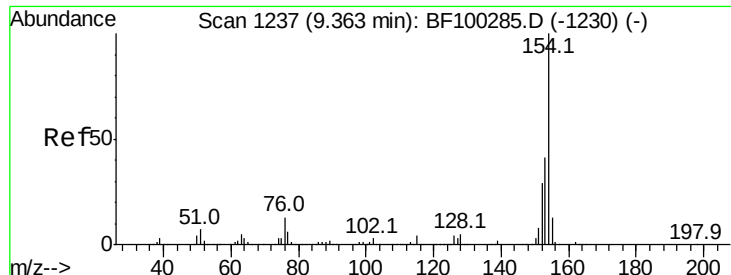
Sohil
 11/22/2017 5:04:08 PM



#44
 2-Fluorobiphenyl
 Concen: 105.555 ng
 RT: 9.23 min Scan# 1215
 Delta R.T. -0.01 min
 Lab File: BF100777.D
 Acq: 21 Nov 2017 13:50

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1152801		
171	36.2		29.7	44.5
170	24.4		19.6	29.4





#45

1,1'-Biphenyl

Concen: 51.873 ng

RT: 9.33 min Scan# 1232

Delta R.T. -0.01 min

Lab File: BF100777.D

Acq: 21 Nov 2017 13:50

Instrument :

BNA_F

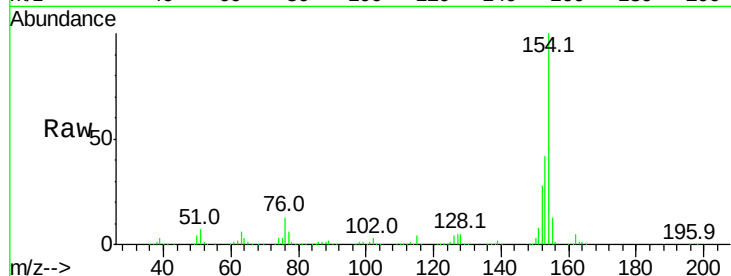
ClientSampleId :

OR-01-111717MSD

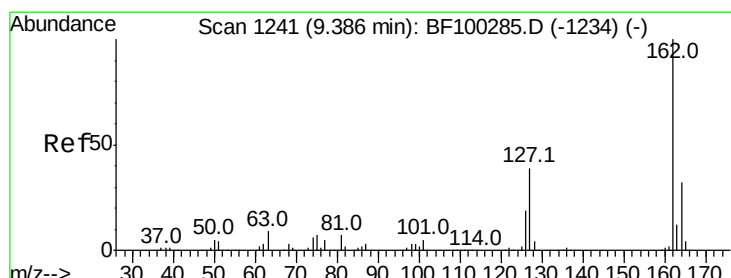
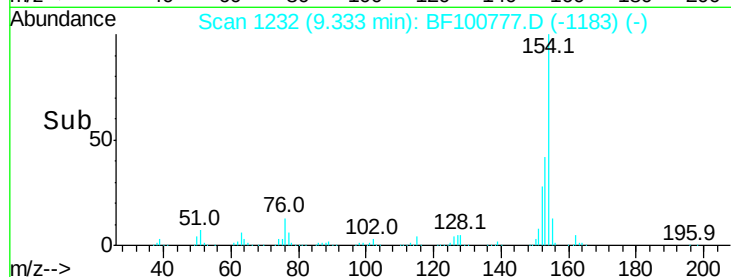
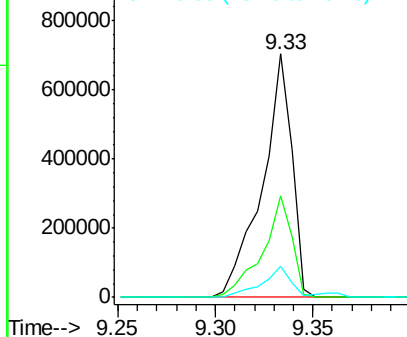
Tot Ion:	154	Resp:	746114
Ion Ratio	Lower	Upper	
154	100		
153	42.0	21.3	61.3
76	12.8	0.0	34.0

Manual Integrations
APPROVED

Sohil
11/22/2017 5:04:08 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): BF1



#46

2-Chloronaphthalene

Concen: 55.944 ng

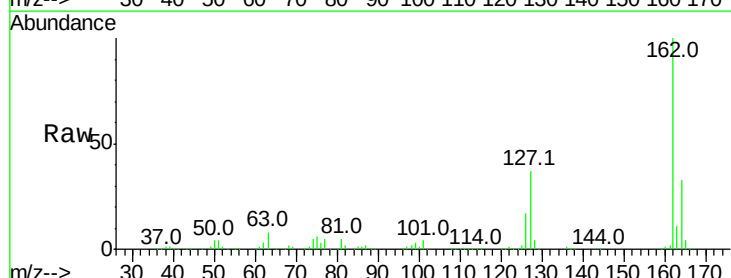
RT: 9.36 min Scan# 1237

Delta R.T. -0.01 min

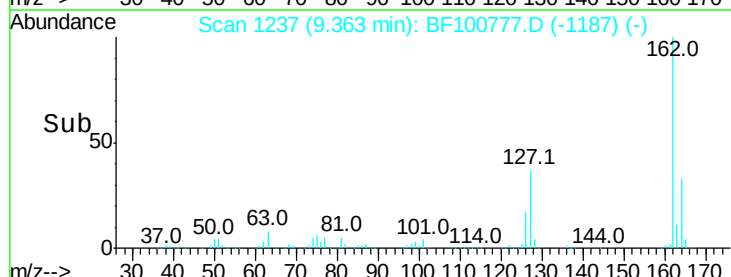
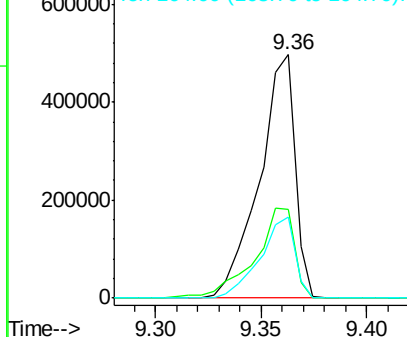
Lab File: BF100777.D

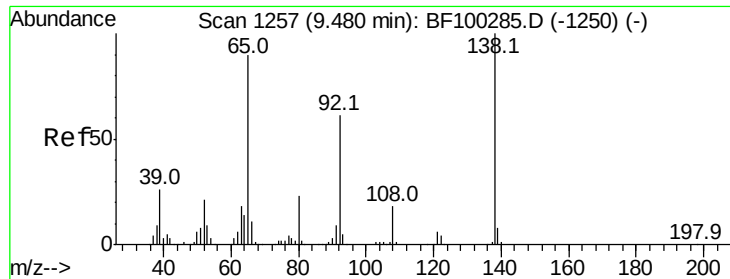
Acq: 21 Nov 2017 13:50

Tgt Ion:	162	Resp:	583755
Ion Ratio	Lower	Upper	
162	100		
127	36.6	33.9	50.9
164	33.2	26.5	39.7



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





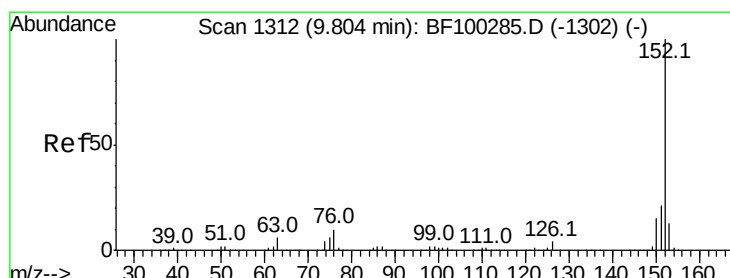
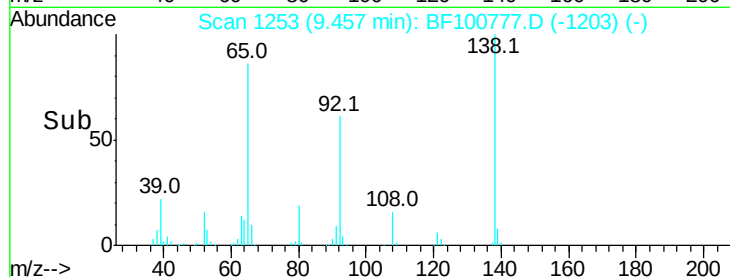
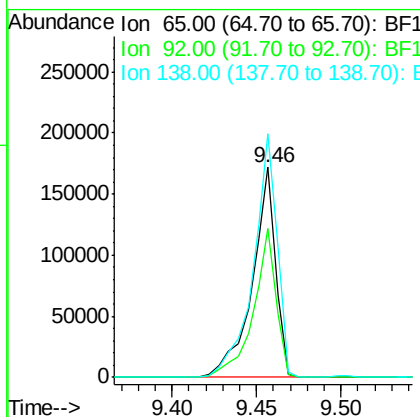
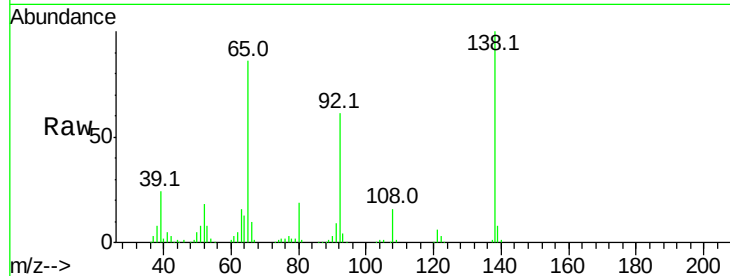
#47
2-Nitroaniline
Concen: 53.715 ng
RT: 9.46 min Scan# 1253
Delta R.T. -0.01 min
Lab File: BF100777.D
Acq: 21 Nov 2017 13:50

Instrument :
BNA_F
ClientSampleId :
OR-01-111717MSD

Tot Ion	Ratio	Lower	Upper
65	100		
92	70.9	55.8	83.6
138	115.8	91.2	136.8

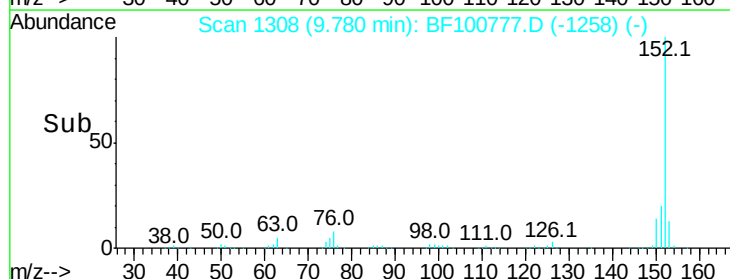
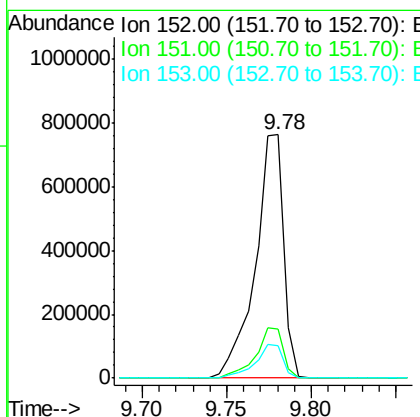
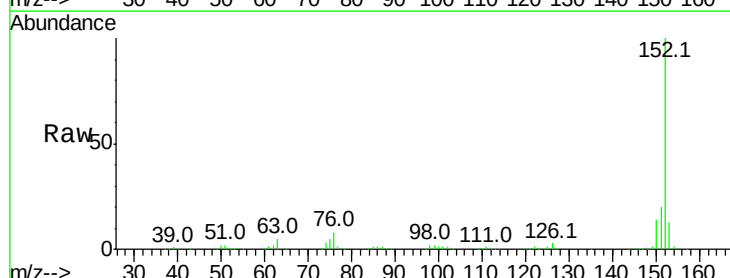
Manual Integrations
APPROVED

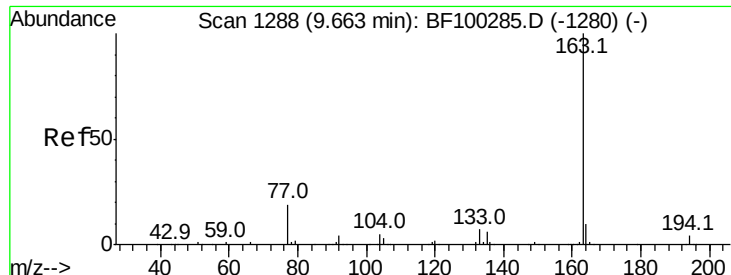
Sohil
11/22/2017 5:04:08 PM



#48
Acenaphthylene
Concen: 51.451 ng
RT: 9.78 min Scan# 1308
Delta R.T. -0.01 min
Lab File: BF100777.D
Acq: 21 Nov 2017 13:50

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.3	16.3	24.5
153	13.1	10.7	16.1





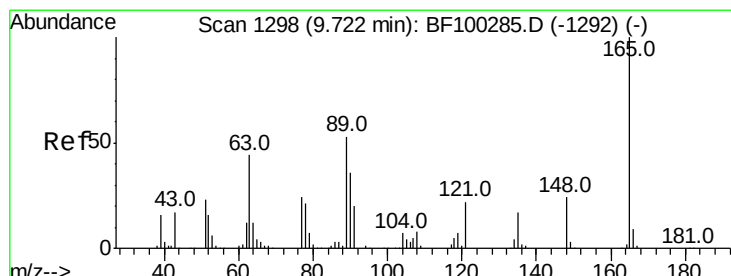
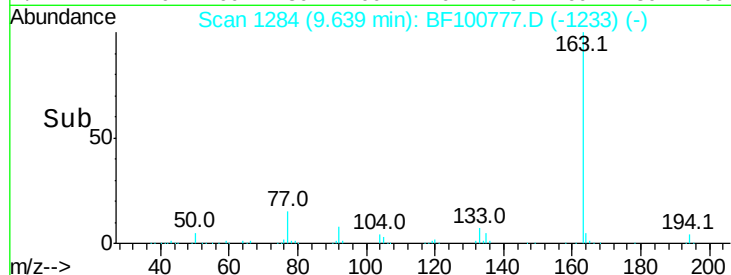
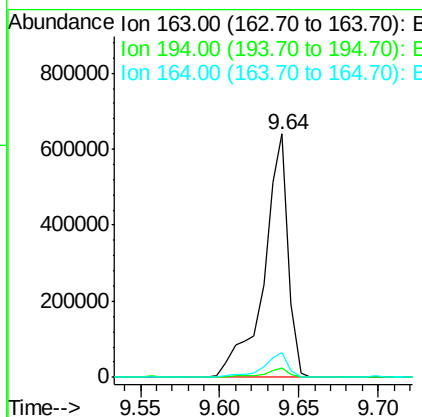
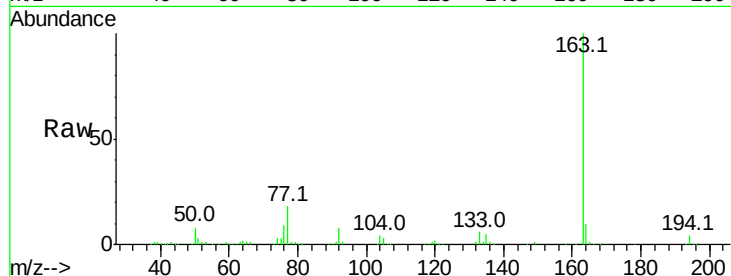
#49
Dimethylphthalate
Concen: 53.710 ng
RT: 9.64 min Scan# 1284
Delta R.T. -0.00 min
Lab File: BF100777.D
Acq: 21 Nov 2017 13:50

Instrument :
BNA_F
ClientSampleId :
OR-01-111717MSD

Tot Ion	163	Resp	681966
Ion Ratio	Lower	Upper	
163	100		
194	3.7	2.7	4.1
164	9.9	8.2	12.2

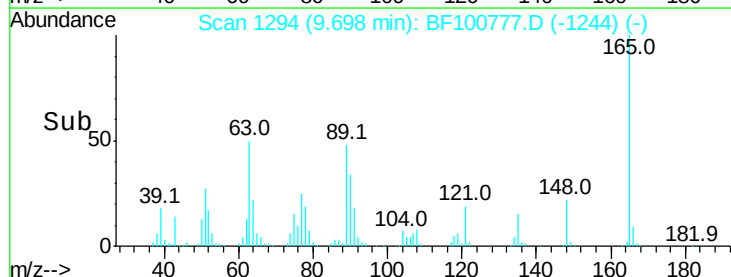
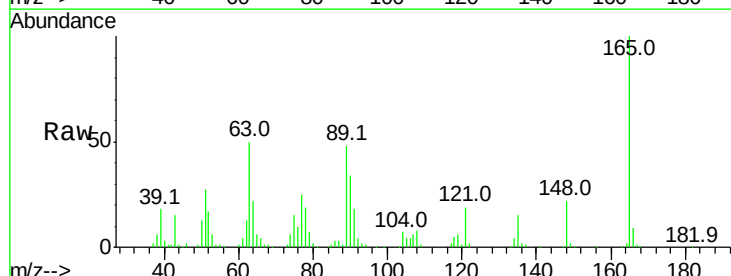
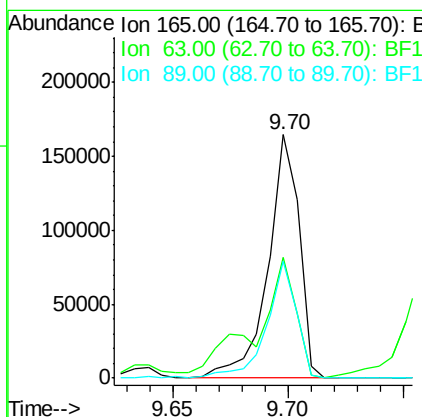
Manual Integrations
APPROVED

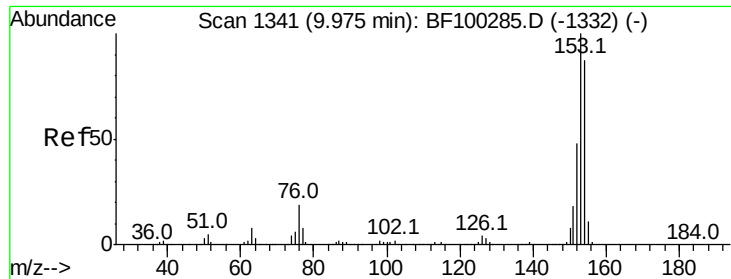
Sohil
11/22/2017 5:04:08 PM



#50
2,6-Dinitrotoluene
Concen: 61.133 ng
RT: 9.70 min Scan# 1294
Delta R.T. -0.01 min
Lab File: BF100777.D
Acq: 21 Nov 2017 13:50

Tgt Ion	165	Resp	153649
Ion Ratio	Lower	Upper	
165	100		
63	49.8	44.7	67.1
89	48.0	44.0	66.0





#51

Acenaphthene

Concen: 49.929 ng

RT: 9.95 min Scan# 1336

Delta R.T. -0.01 min

Lab File: BF100777.D

Acq: 21 Nov 2017 13:50

Instrument :

BNA_F

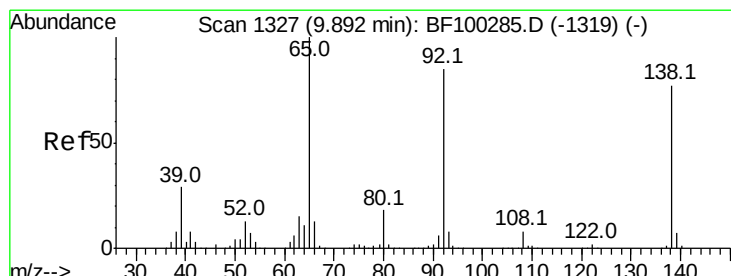
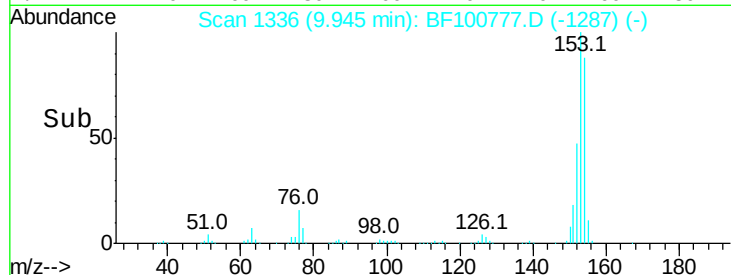
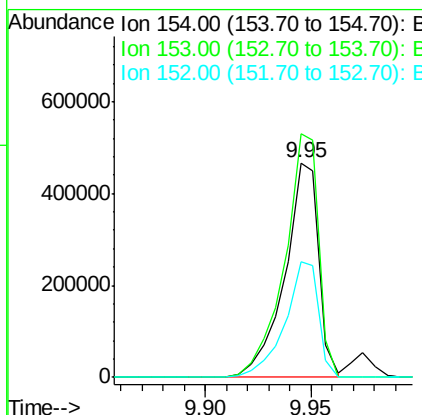
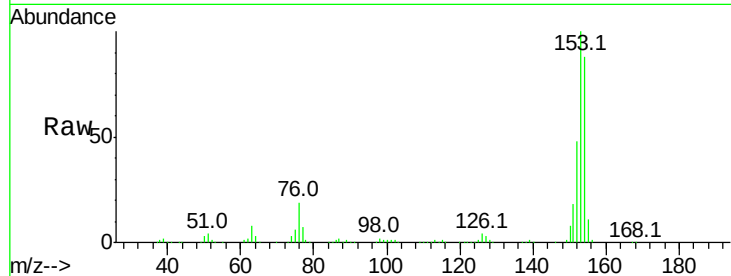
ClientSampleId :

OR-01-111717MSD

Tot Ion:	154	Resp:	525099
Ion Ratio	Lower	Upper	
154	100		
153	113.5	91.2	136.8
152	54.0	43.8	65.8

Manual Integrations
APPROVED

Sohil
11/22/2017 5:04:08 PM



#52

3-Nitroaniline

Concen: 7.008 ng

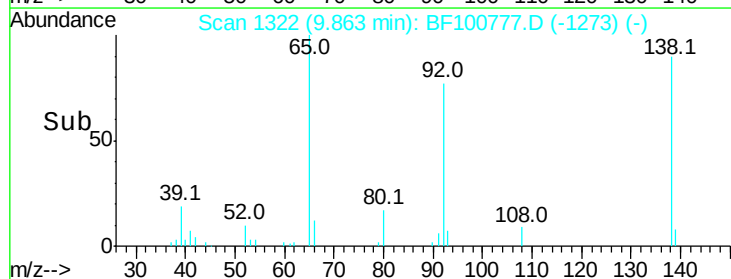
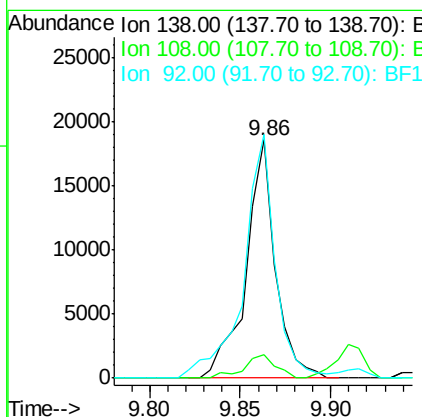
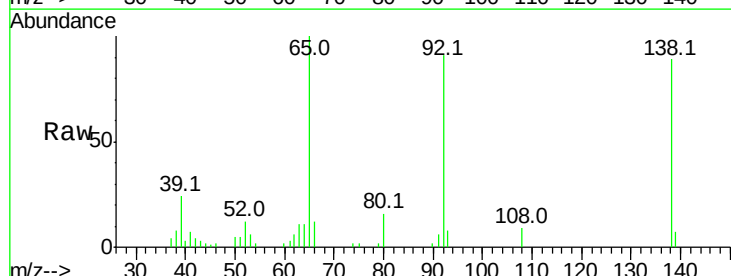
RT: 9.86 min Scan# 1322

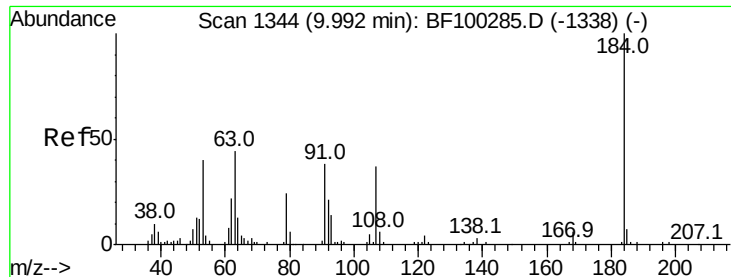
Delta R.T. -0.01 min

Lab File: BF100777.D

Acq: 21 Nov 2017 13:50

Tgt Ion:	138	Resp:	20799
Ion Ratio	Lower	Upper	
138	100		
108	9.7	9.4	14.0
92	102.1	89.4	134.2





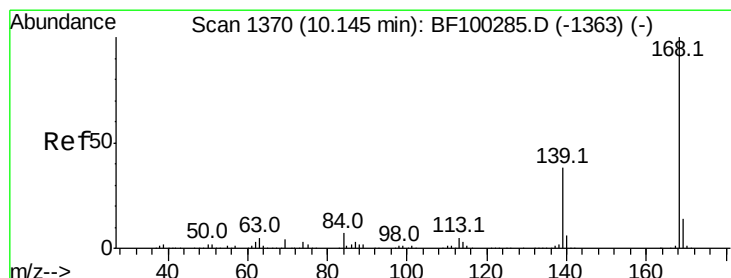
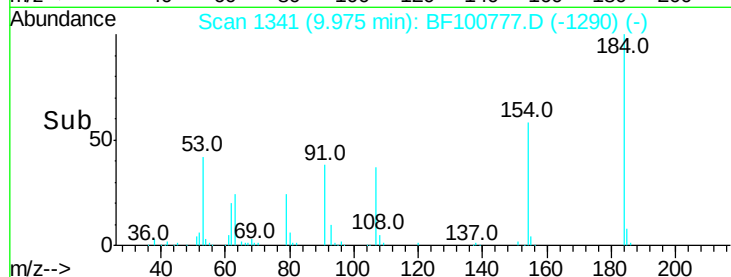
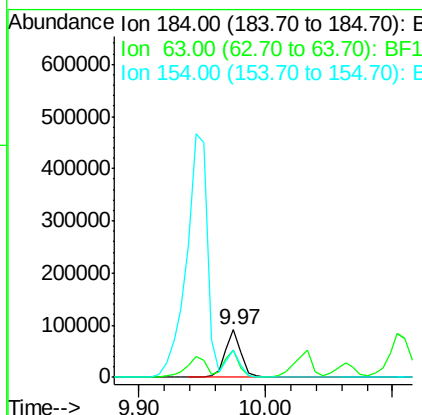
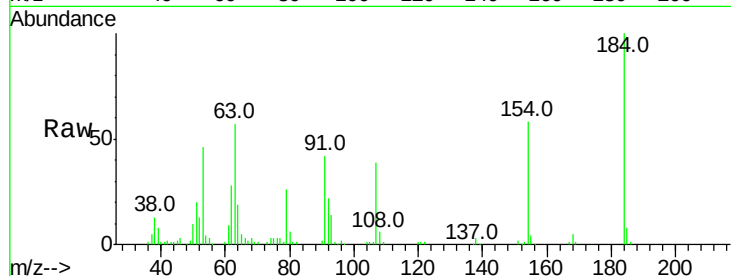
#53
2,4-Dinitrophenol
Concen: 75.426 ng
RT: 9.97 min Scan# 1341
Delta R.T. -0.00 min
Lab File: BF100777.D
Acq: 21 Nov 2017 13:50

Instrument :
BNA_F
ClientSampleId :
OR-01-111717MSD

Tot Ion	Ratio	Lower	Upper
184	100		
63	57.1	54.2	81.2
154	58.4	184.0	276.0#

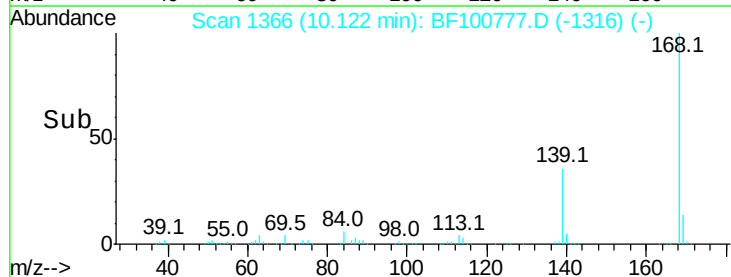
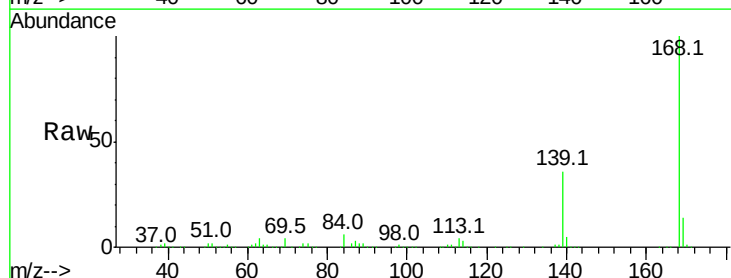
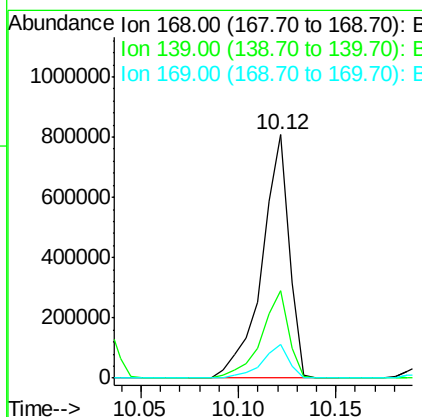
Manual Integrations
APPROVED

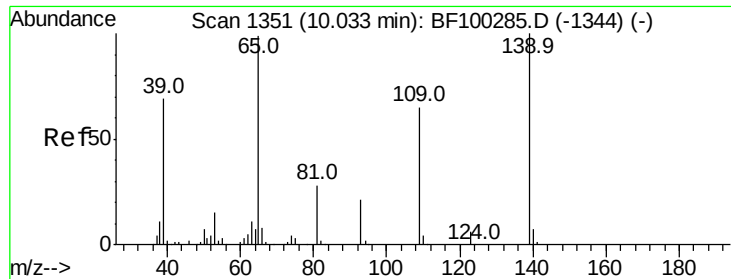
Sohil
11/22/2017 5:04:08 PM



#54
Dibenzofuran
Concen: 52.934 ng
RT: 10.12 min Scan# 1366
Delta R.T. -0.01 min
Lab File: BF100777.D
Acq: 21 Nov 2017 13:50

Tgt Ion	Ratio	Lower	Upper
168	100		
139	36.0	30.1	45.1
169	13.9	10.9	16.3





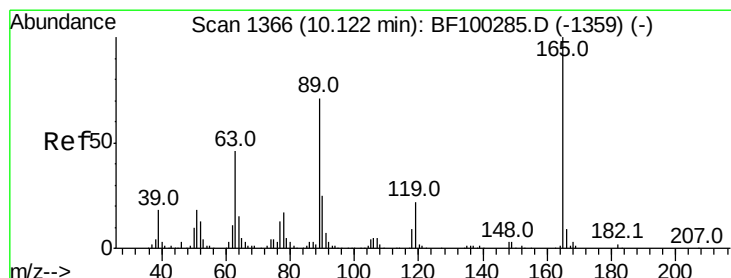
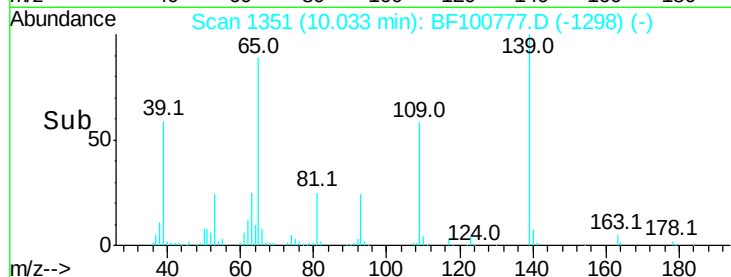
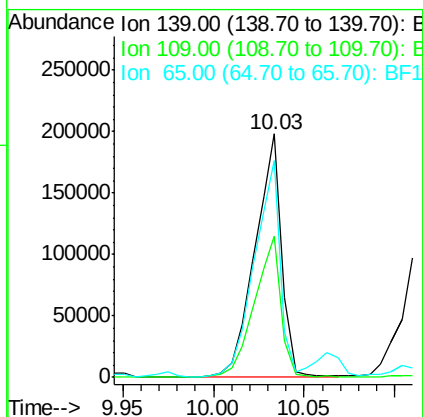
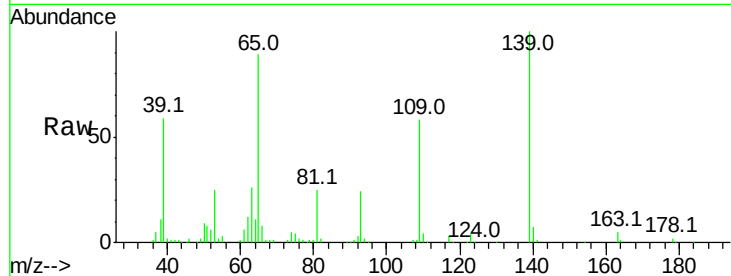
#55
4-Nitrophenol
Concen: 84.081 ng
RT: 10.03 min Scan# 1351
Delta R.T. 0.01 min
Lab File: BF100777.D
Acq: 21 Nov 2017 13:50

Instrument :
BNA_F
ClientSampleId :
OR-01-111717MSD

Tot Ion	Ratio	Resp	Lower	Upper
139	100	202626		
109	58.1	48.4	88.4	
65	89.0	72.6	112.6	

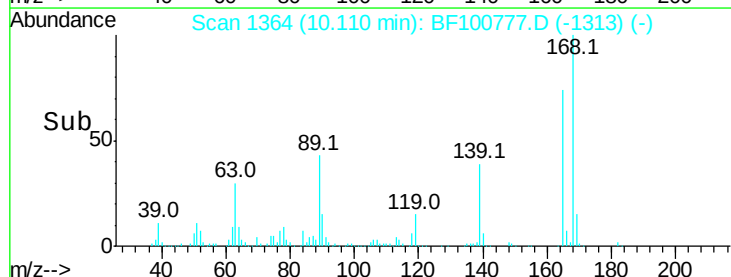
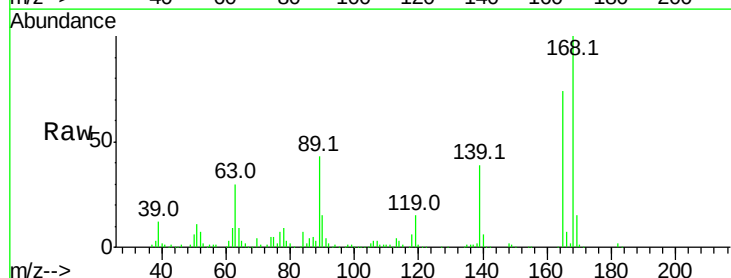
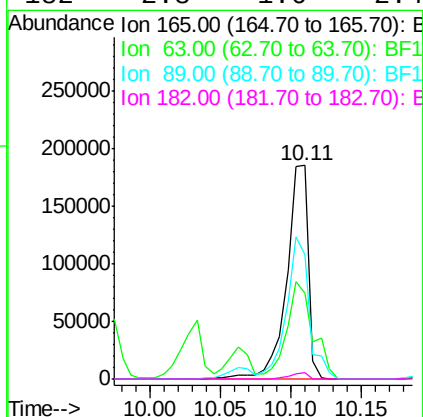
Manual Integrations
APPROVED

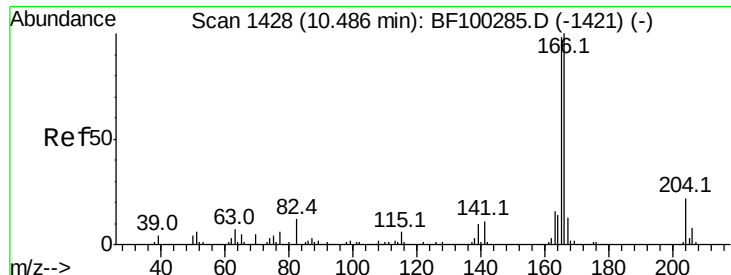
Sohil
11/22/2017 5:04:08 PM



#56
2,4-Dinitrotoluene
Concen: 62.525 ng
RT: 10.11 min Scan# 1364
Delta R.T. -0.00 min
Lab File: BF100777.D
Acq: 21 Nov 2017 13:50

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	198249		
63	40.1	36.4	54.6	
89	58.2	57.8	86.6	
182	2.8	1.6	2.4#	





#57

Fluorene

Concen: 56.408 ng

RT: 10.46 min Scan# 1424

Delta R.T. -0.01 min

Lab File: BF100777.D

Acq: 21 Nov 2017 13:50

Instrument :

BNA_F

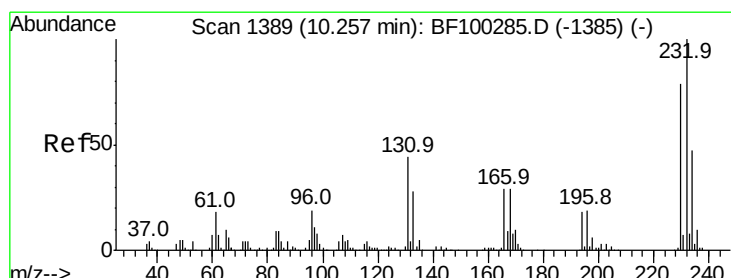
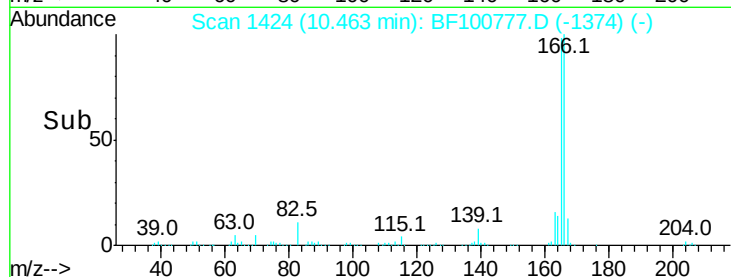
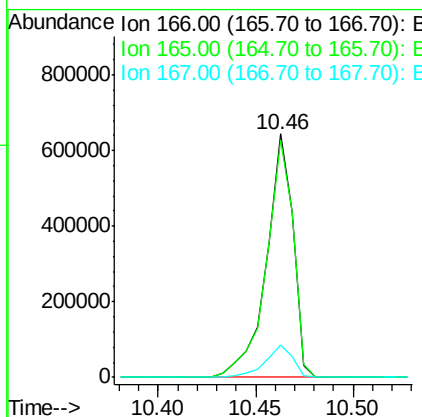
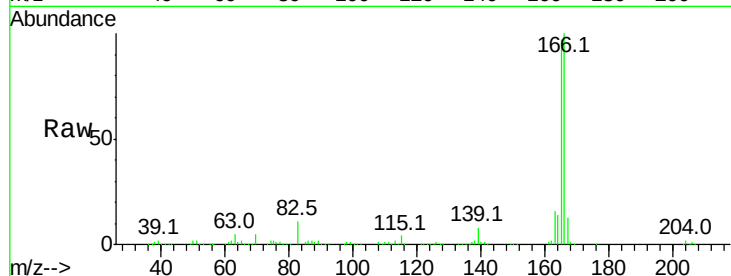
ClientSampleId :

OR-01-111717MSD

Tot Ion:	166	Resp:	609110
Ion Ratio	Lower	Upper	
166	100		
165	97.4	79.8	119.8
167	13.3	10.6	16.0

Manual Integrations
APPROVED

Sohil
11/22/2017 5:04:08 PM



#58

2,3,4,6-Tetrachlorophenol

Concen: 57.901 ng

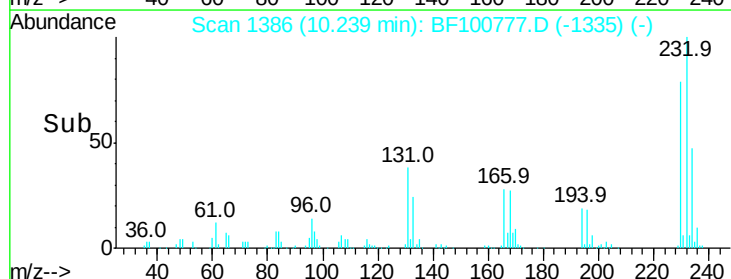
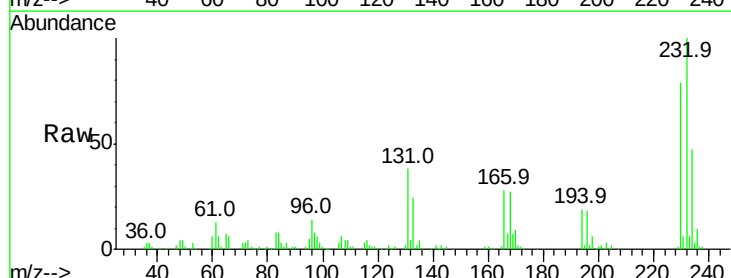
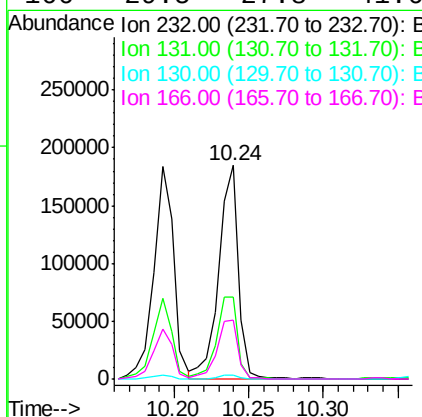
RT: 10.24 min Scan# 1386

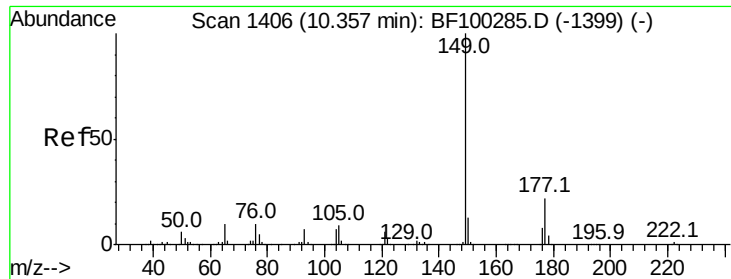
Delta R.T. -0.00 min

Lab File: BF100777.D

Acq: 21 Nov 2017 13:50

Tgt Ion:	232	Resp:	171863
Ion Ratio	Lower	Upper	
232	100		
131	41.2	43.8	65.8#
130	1.8	2.1	3.1#
166	29.5	27.8	41.6





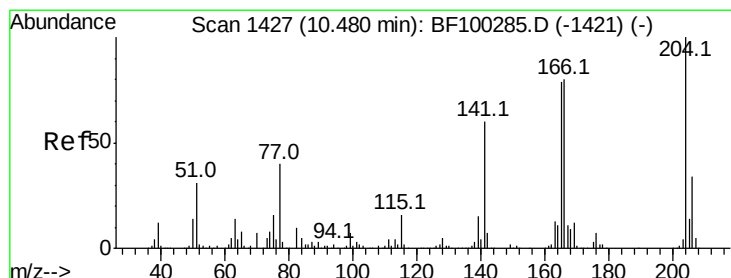
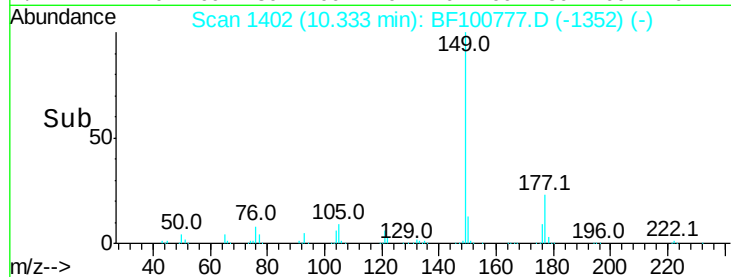
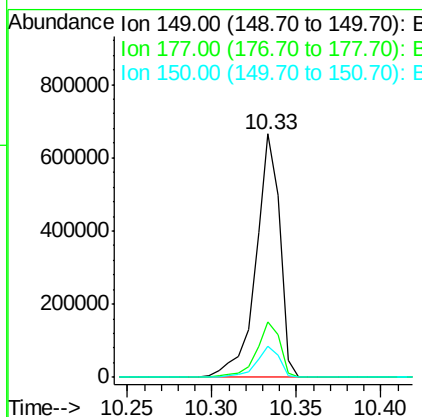
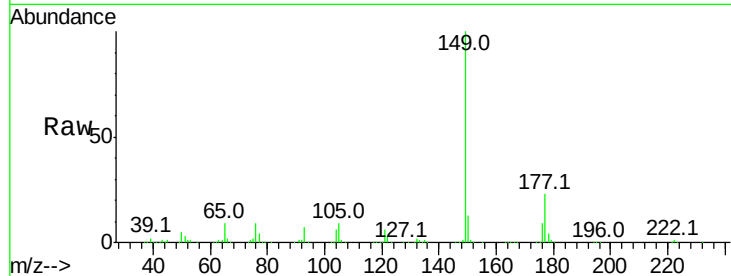
#59
Diethylphthalate
Concen: 51.658 ng
RT: 10.33 min Scan# 1402
Delta R.T. -0.01 min
Lab File: BF100777.D
Acq: 21 Nov 2017 13:50

Instrument :
BNA_F
ClientSampleId :
OR-01-111717MSD

Tot Ion	Ratio	Resp	Lower	Upper
149	100	656383		
177	22.7	16.1	24.1	
150	12.9	10.1	15.1	

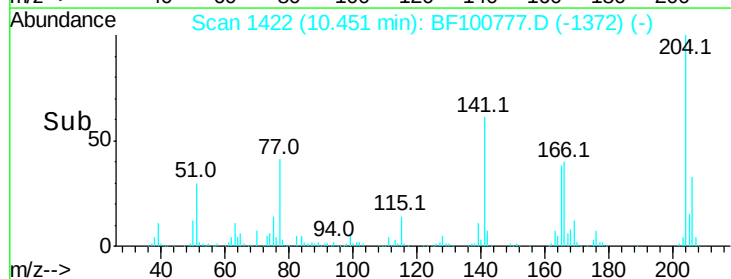
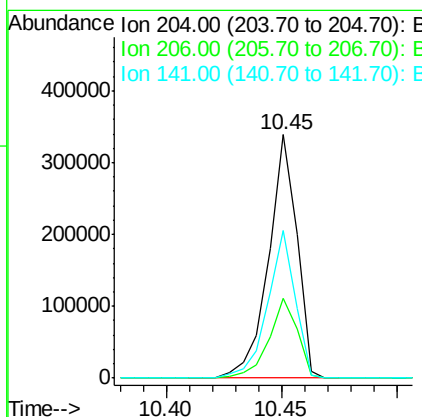
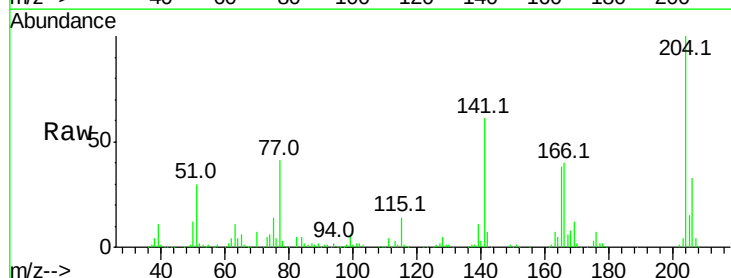
Manual Integrations
APPROVED

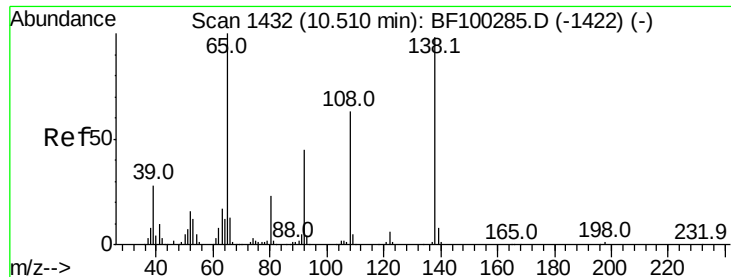
Sohil
11/22/2017 5:04:08 PM



#60
4-Chlorophenyl-phenylether
Concen: 54.594 ng
RT: 10.45 min Scan# 1422
Delta R.T. -0.01 min
Lab File: BF100777.D
Acq: 21 Nov 2017 13:50

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	289197		
206	32.6	26.5	39.7	
141	60.6	54.6	81.8	





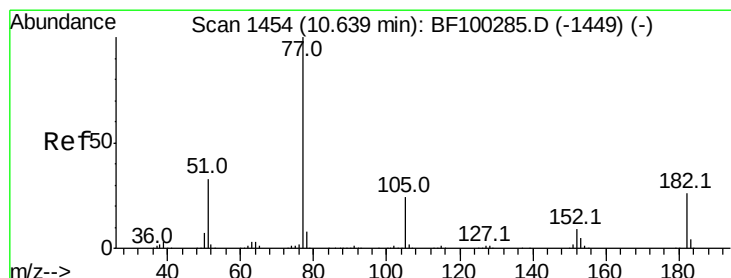
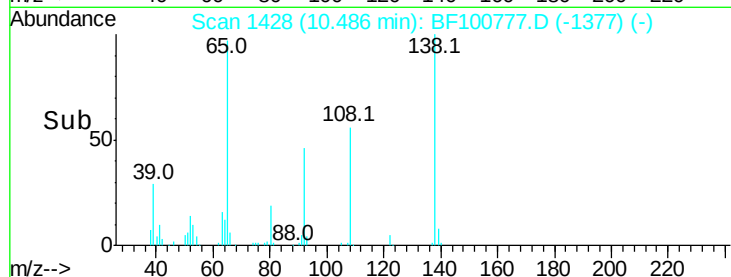
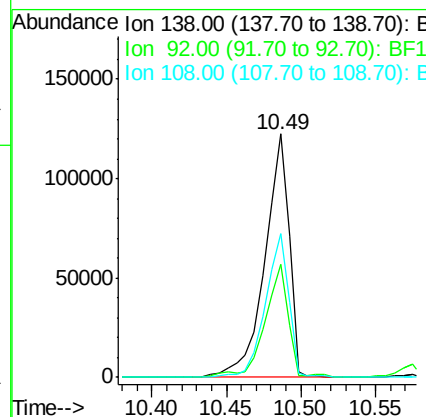
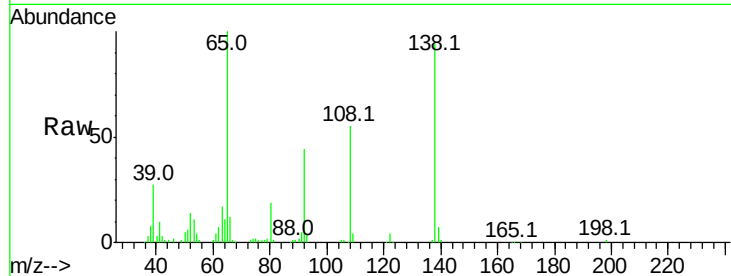
#61
4-Nitroaniline
Concen: 48.576 ng
RT: 10.49 min Scan# 1428
Delta R.T. -0.00 min
Lab File: BF100777.D
Acq: 21 Nov 2017 13:50

Instrument :
BNA_F
ClientSampleId :
OR-01-111717MSD

Tot Ion	Ratio	Lower	Upper
138	100		
92	46.2	30.2	70.2
108	58.8	52.5	92.5

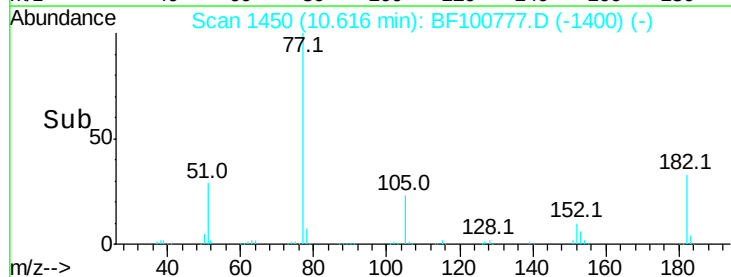
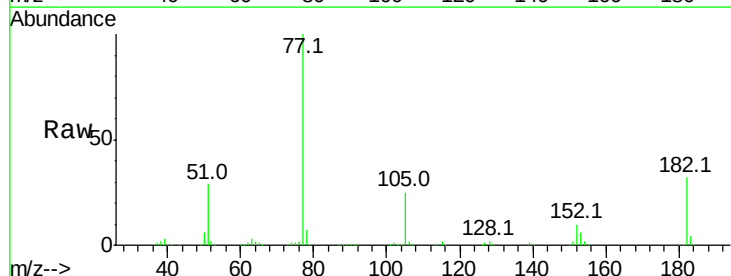
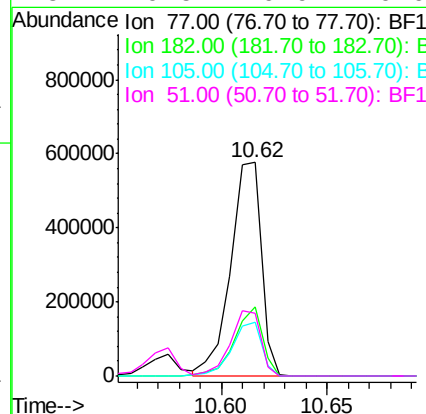
Manual Integrations
APPROVED

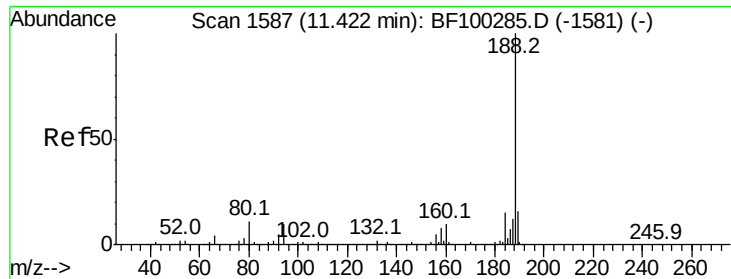
Sohil
11/22/2017 5:04:08 PM



#62
Azobenzene
Concen: 48.376 ng
RT: 10.62 min Scan# 1450
Delta R.T. -0.01 min
Lab File: BF100777.D
Acq: 21 Nov 2017 13:50

Tgt Ion	Ratio	Lower	Upper
77	100		
182	32.5	1.7	41.7
105	25.3	3.0	43.0
51	29.5	9.9	49.9





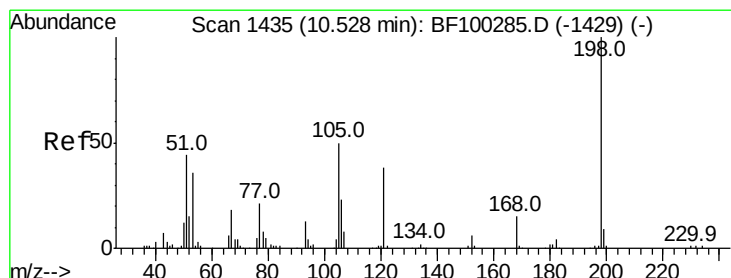
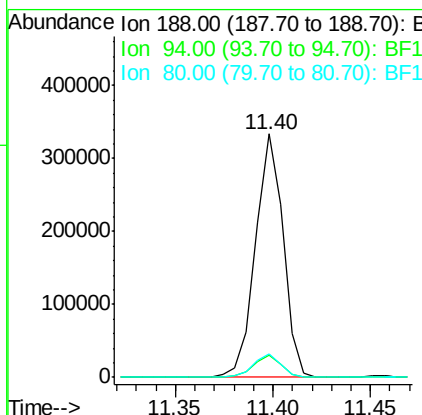
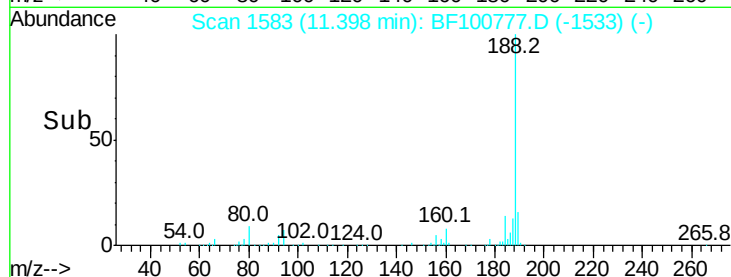
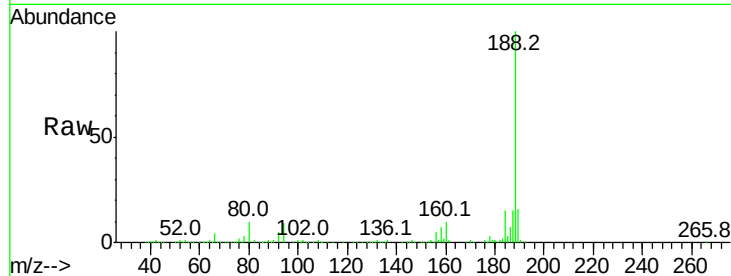
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.40 min Scan# 1583
Delta R.T. -0.01 min
Lab File: BF100777.D
Acq: 21 Nov 2017 13:50

Instrument :
BNA_F
ClientSampleId :
OR-01-111717MSD

Tot Ion	Ratio	Resp Lower	Resp Upper
188	100		
94	9.3	8.5	12.7
80	9.6	9.2	13.8

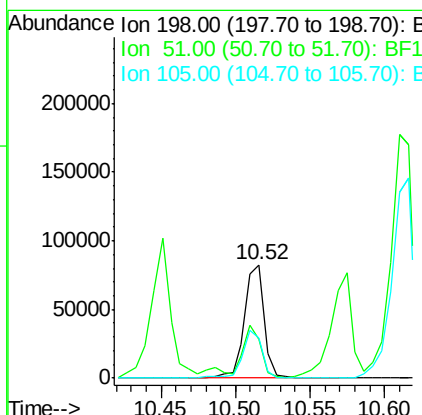
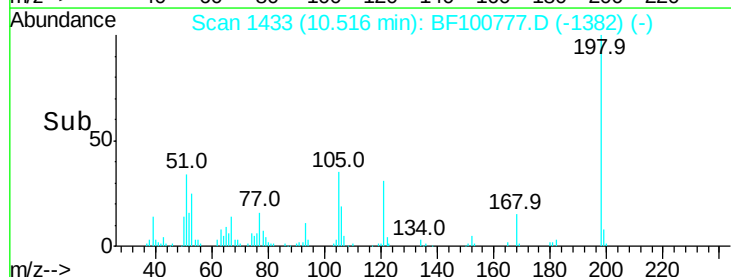
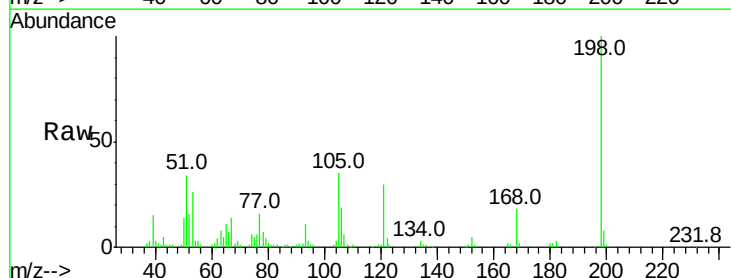
Manual Integrations
APPROVED

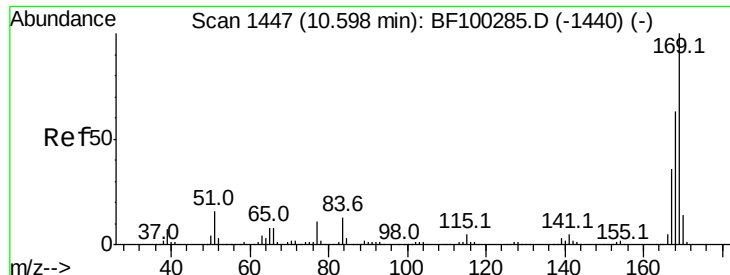
Sohil
11/22/2017 5:04:08 PM



#64
4,6-Dinitro-2-methylphenol
Concen: 46.009 ng
RT: 10.52 min Scan# 1433
Delta R.T. -0.00 min
Lab File: BF100777.D
Acq: 21 Nov 2017 13:50

Tgt Ion	Ratio	Resp Lower	Resp Upper
198	100		
51	34.2	37.7	77.7#
105	34.8	36.3	76.3#





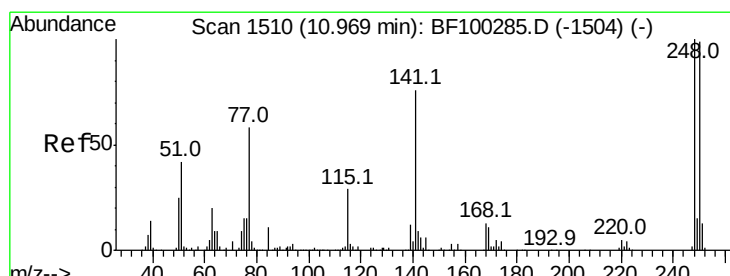
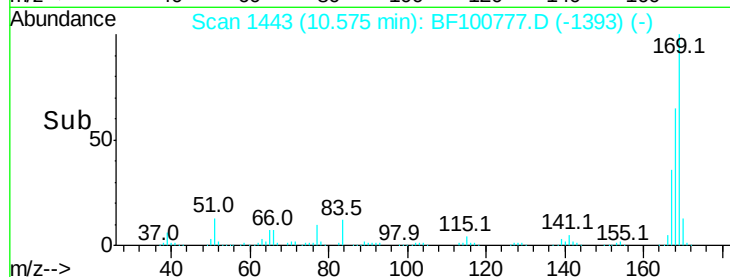
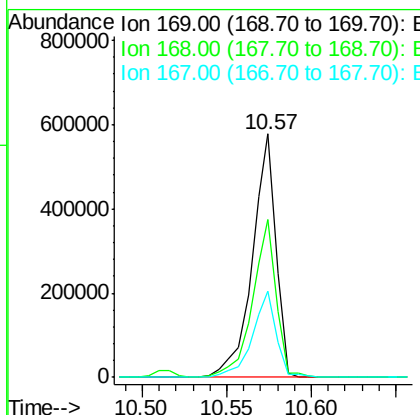
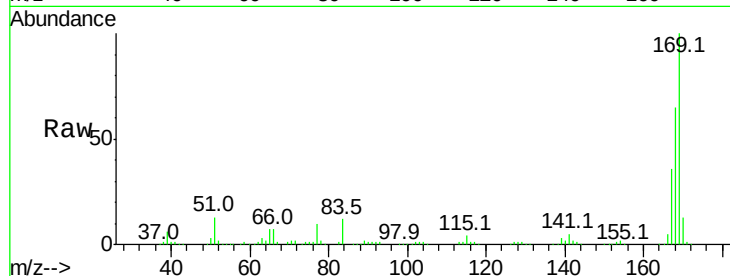
#65
 n-Nitrosodiphenylamine
 Concen: 49.335 ng
 RT: 10.57 min Scan# 1443
 Delta R.T. -0.01 min
 Lab File: BF100777.D
 Acq: 21 Nov 2017 13:50

Instrument :
 BNA_F
 ClientSampleId :
 OR-01-111717MSD

Tot Ion	Ratio	Resp	Lower	Upper
169	100	565111		
168	64.8		54.4	81.6
167	35.6		29.8	44.6

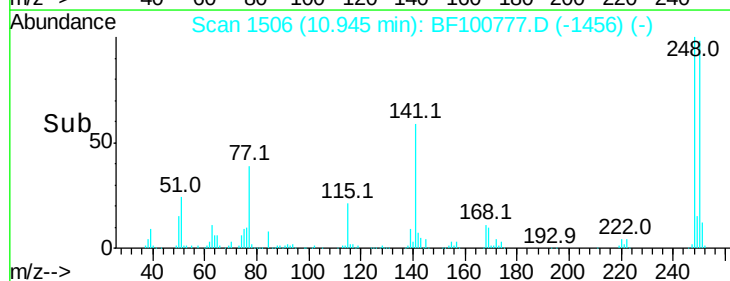
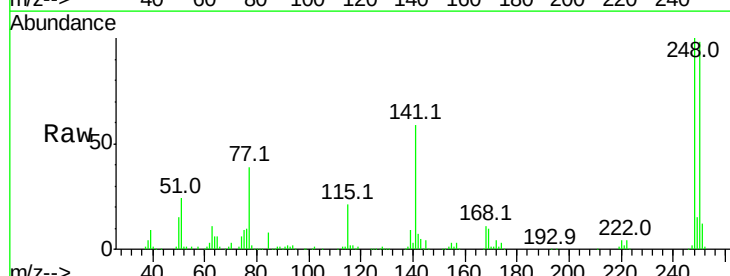
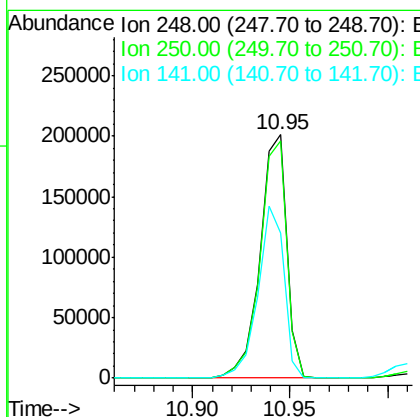
Manual Integrations
 APPROVED

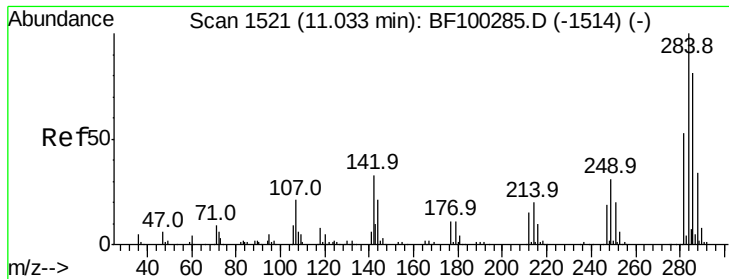
Sohil
 11/22/2017 5:04:08 PM



#66
 4-Bromophenyl-phenylether
 Concen: 54.153 ng
 RT: 10.95 min Scan# 1506
 Delta R.T. -0.01 min
 Lab File: BF100777.D
 Acq: 21 Nov 2017 13:50

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	191236		
250	97.6		76.9	115.3
141	59.4		74.4	111.6#





#67

Hexachlorobenzene

Concen: 53.796 ng

RT: 11.01 min Scan# 1517

Delta R.T. -0.01 min

Lab File: BF100777.D

Acq: 21 Nov 2017 13:50

Instrument :

BNA_F

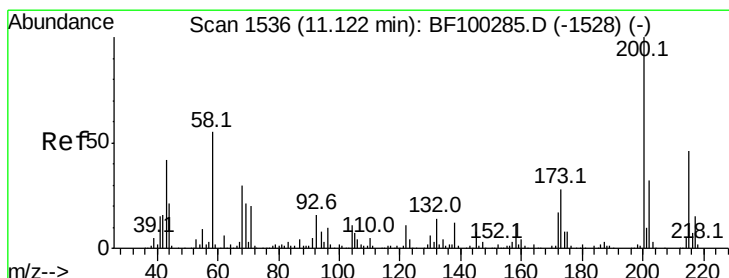
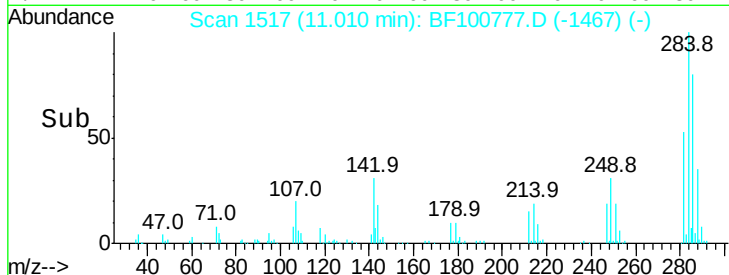
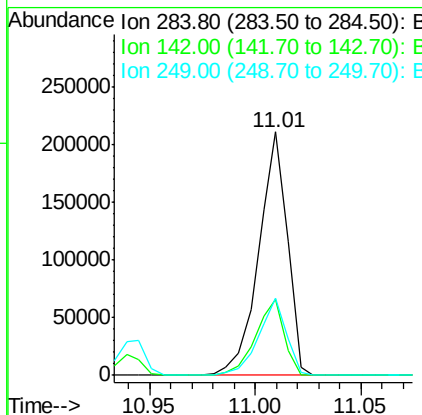
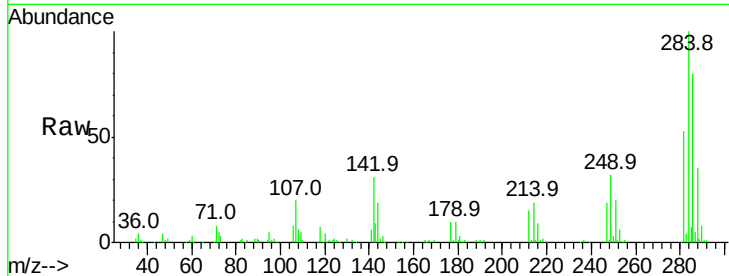
ClientSampleId :

OR-01-111717MSD

Tot Ion:	284	Resp:	198692
Ion Ratio	Lower	Upper	
284	100		
142	31.2	34.6	52.0#
249	31.6	24.8	37.2

Manual Integrations
APPROVED

Sohil
11/22/2017 5:04:08 PM



#68

Atrazine

Concen: 52.841 ng

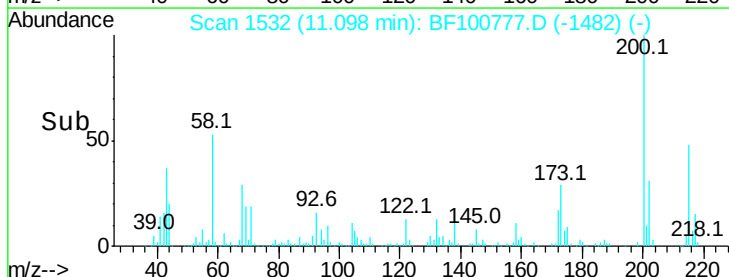
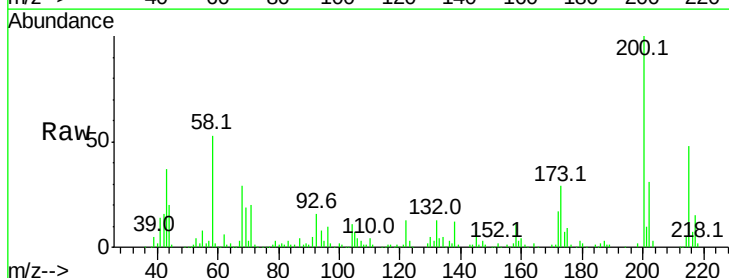
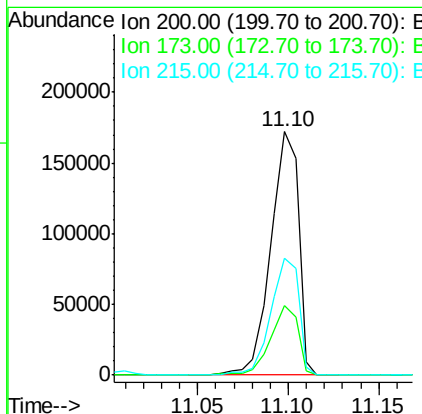
RT: 11.10 min Scan# 1532

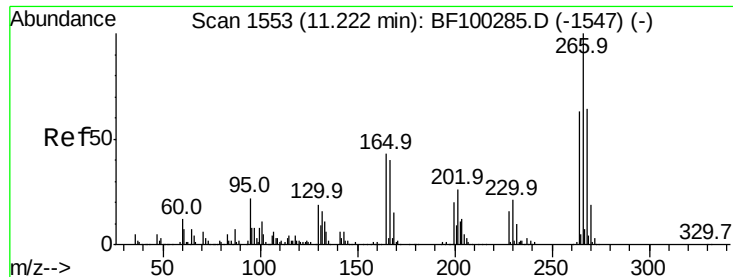
Delta R.T. -0.01 min

Lab File: BF100777.D

Acq: 21 Nov 2017 13:50

Tgt Ion:	200	Resp:	183219
Ion Ratio	Lower	Upper	
200	100		
173	28.8	8.6	48.6
215	47.9	25.1	65.1





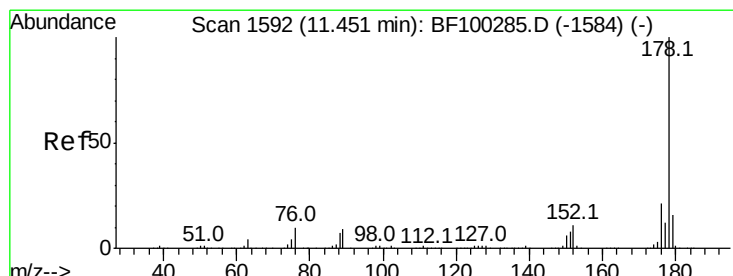
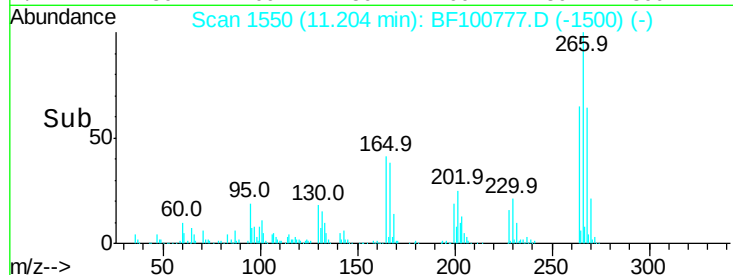
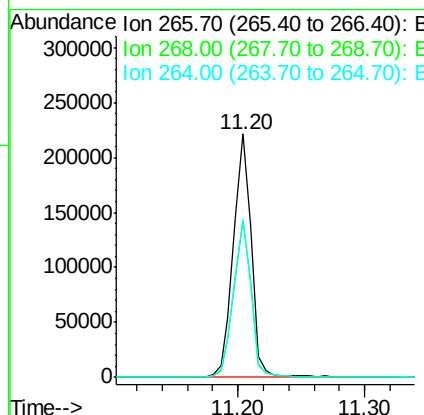
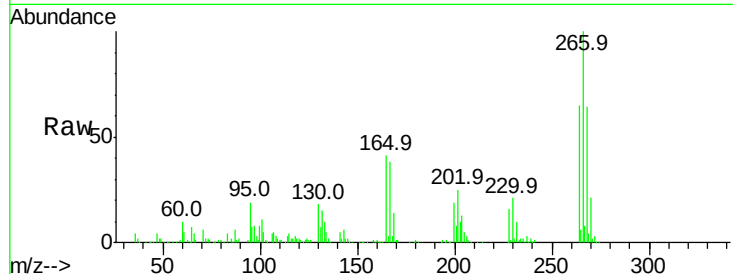
#69
 Pentachlorophenol
 Concen: 81.410 ng
 RT: 11.20 min Scan# 1550
 Delta R.T. -0.01 min
 Lab File: BF100777.D
 Acq: 21 Nov 2017 13:50

Instrument :
 BNA_F
 ClientSampleId :
 OR-01-111717MSD

Tot Ion	Ratio	Resp	Lower	Upper
266	100	215608		
268	64.2	51.1	76.7	
264	64.7	49.5	74.3	

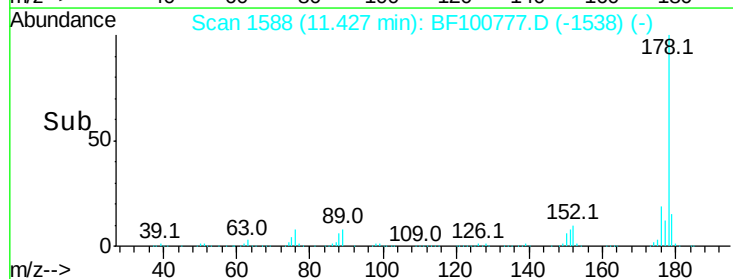
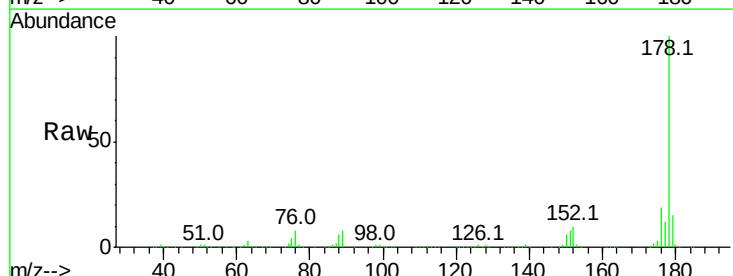
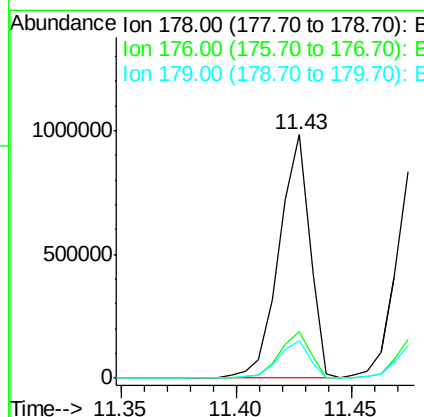
Manual Integrations
 APPROVED

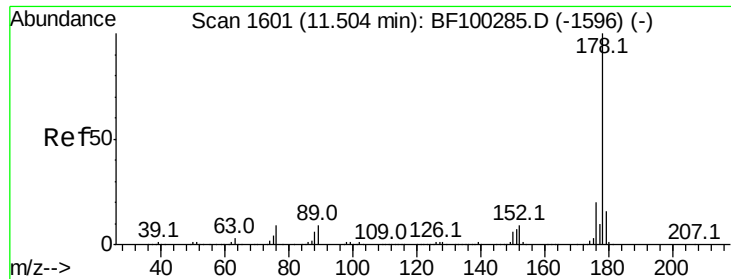
Sohil
 11/22/2017 5:04:08 PM



#70
 Phenanthrene
 Concen: 52.457 ng
 RT: 11.43 min Scan# 1588
 Delta R.T. -0.01 min
 Lab File: BF100777.D
 Acq: 21 Nov 2017 13:50

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	909857		
176	19.4	15.8	23.8	
179	15.2	13.0	19.6	





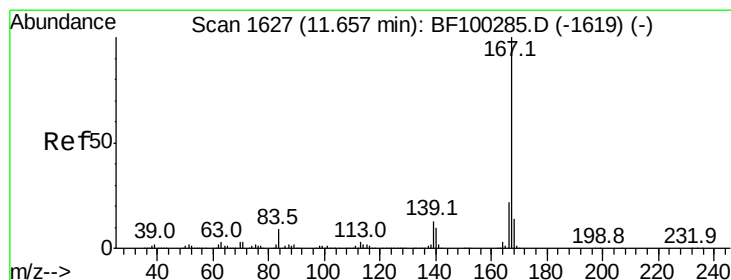
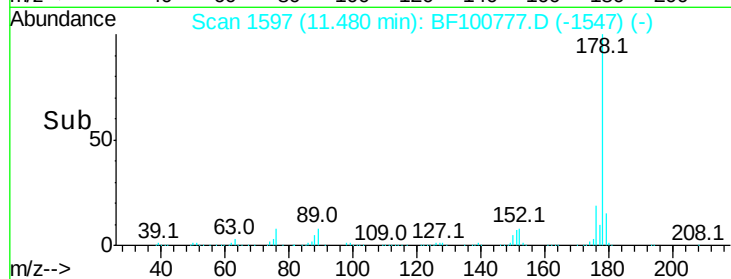
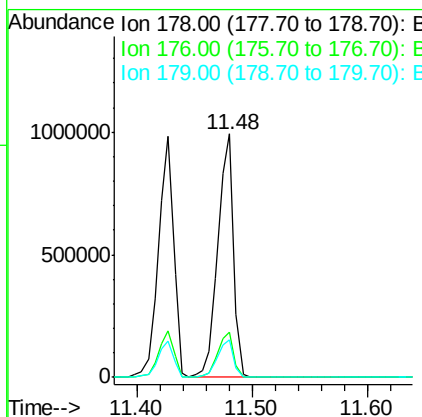
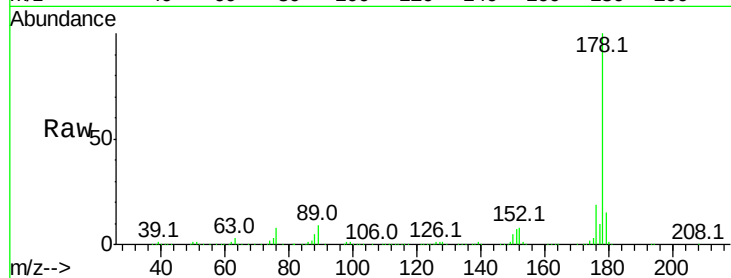
#71
 Anthracene
 Concen: 53.127 ng
 RT: 11.48 min Scan# 1597
 Delta R.T. -0.01 min
 Lab File: BF100777.D
 Acq: 21 Nov 2017 13:50

Instrument :
 BNA_F
 ClientSampleId :
 OR-01-111717MSD

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.8	15.4	23.2
179	15.4	12.6	19.0

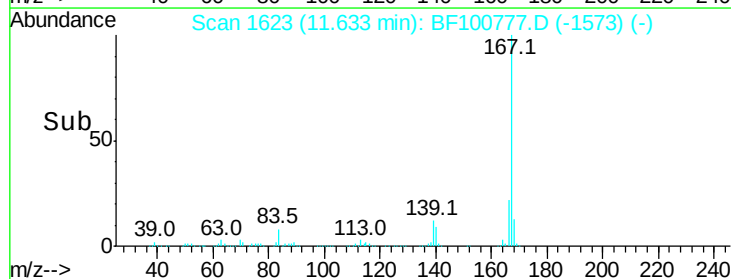
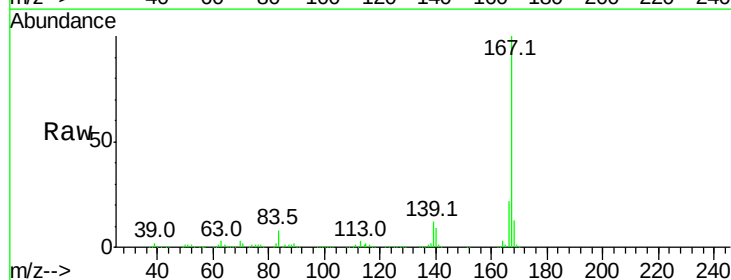
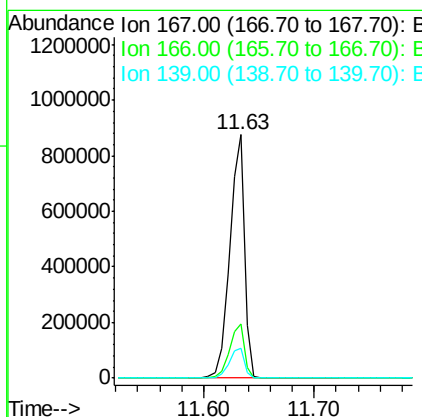
Manual Integrations
 APPROVED

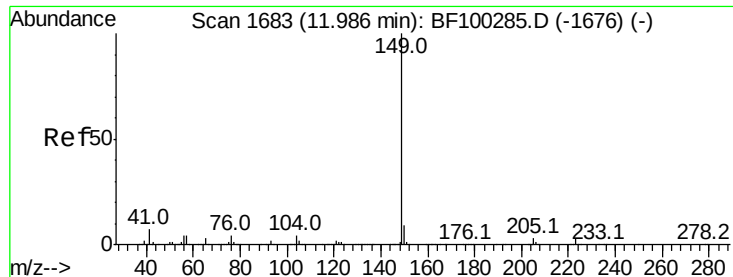
Sohil
 11/22/2017 5:04:08 PM



#72
 Carbazole
 Concen: 50.499 ng
 RT: 11.63 min Scan# 1623
 Delta R.T. -0.01 min
 Lab File: BF100777.D
 Acq: 21 Nov 2017 13:50

Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.5	17.6	26.4
139	12.4	10.9	16.3





#73

Di-n-butylphthalate

Concen: 53.562 ng

RT: 11.96 min Scan# 1678

Delta R.T. -0.01 min

Lab File: BF100777.D

Acq: 21 Nov 2017 13:50

Instrument :

BNA_F

ClientSampleId :

OR-01-111717MSD

Tot Ion:149 Resp: 1017752

Ion Ratio Lower Upper

149 100

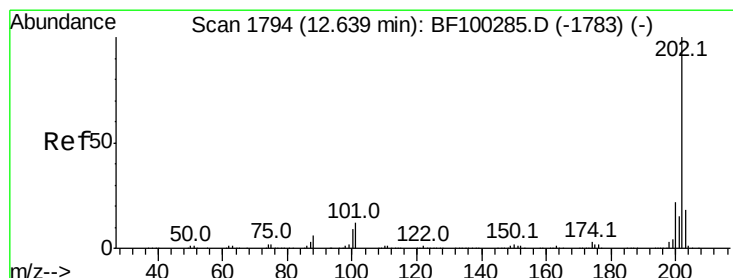
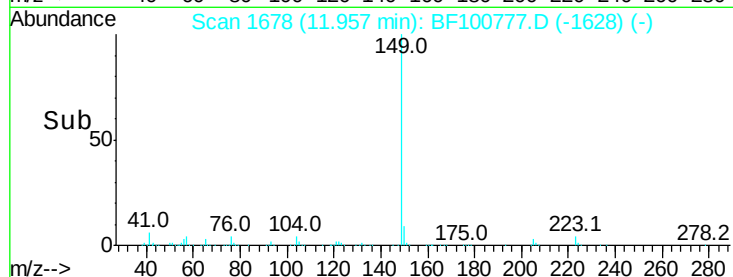
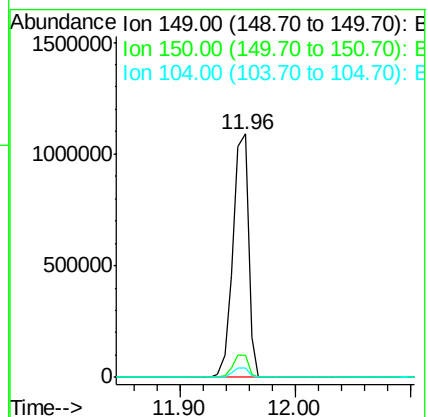
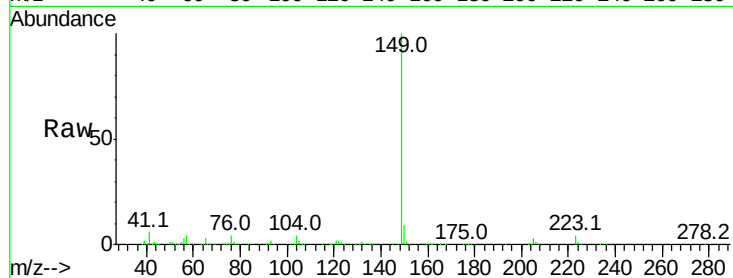
150 8.9 7.8 11.6

104 3.9 3.8 5.8

Manual Integrations
APPROVED

Sohil

11/22/2017 5:04:08 PM



#74

Fluoranthene

Concen: 51.696 ng

RT: 12.62 min Scan# 1790

Delta R.T. -0.01 min

Lab File: BF100777.D

Acq: 21 Nov 2017 13:50

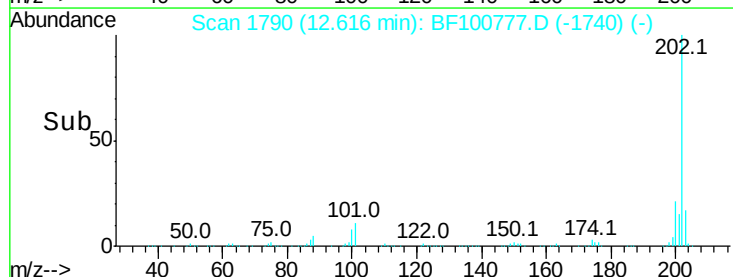
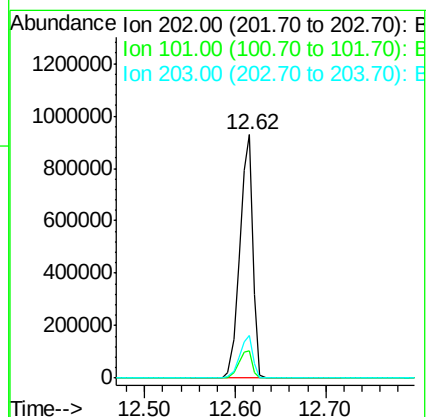
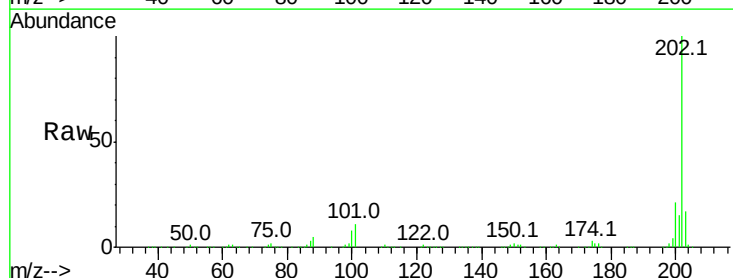
Tgt Ion:202 Resp: 950292

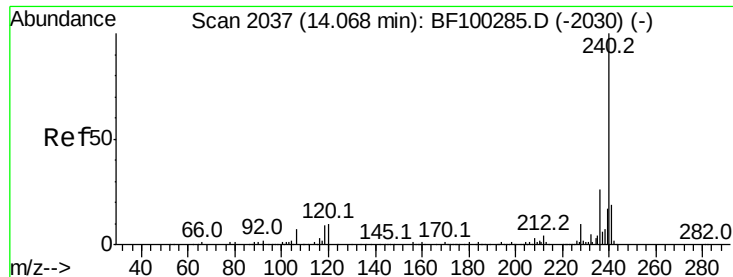
Ion Ratio Lower Upper

202 100

101 11.0 0.0 34.1

203 17.5 0.0 38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.04 min Scan# 2032

Delta R.T. -0.01 min

Lab File: BF100777.D

Acq: 21 Nov 2017 13:50

Instrument :

BNA_F

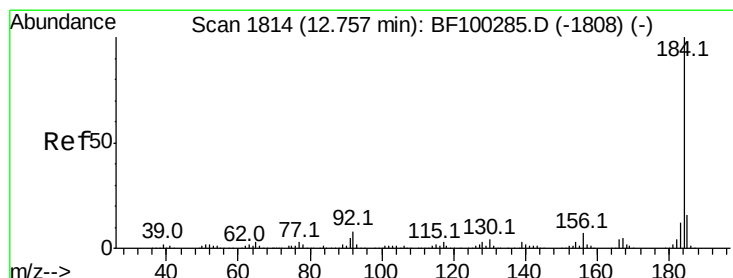
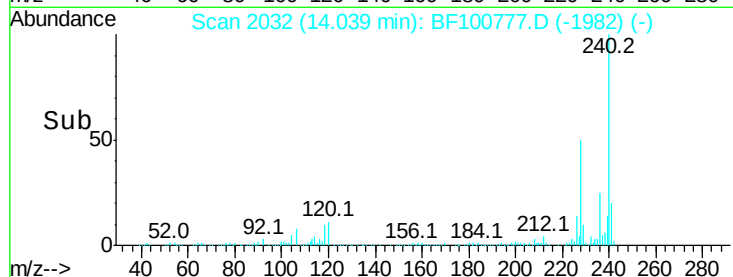
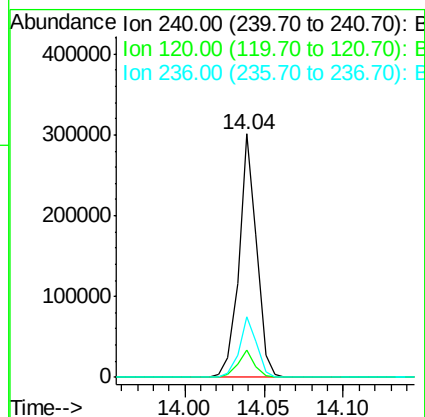
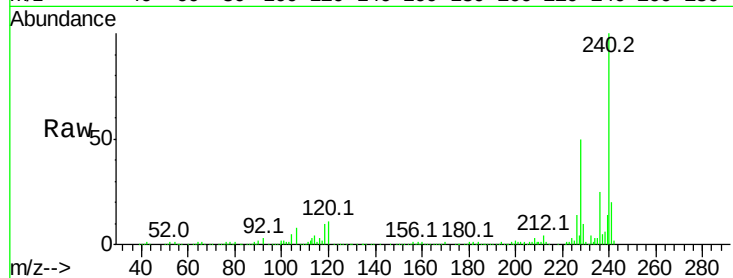
ClientSampleId :

OR-01-111717MSD

Tot Ion:	240	Resp:	231957
Ion Ratio	Lower	Upper	
240	100		
120	11.1	9.5	14.3
236	25.1	20.7	31.1

Manual Integrations
APPROVED

Sohil
11/22/2017 5:04:08 PM



#76

Benzidine

Concen: 15.848 ng

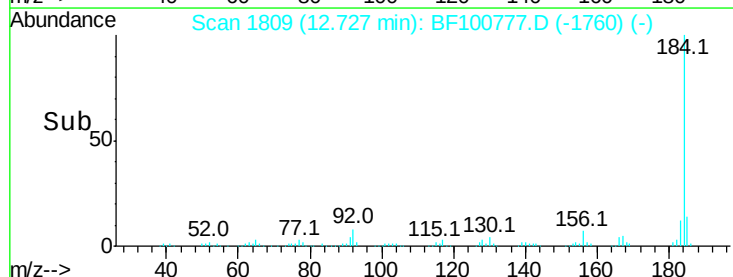
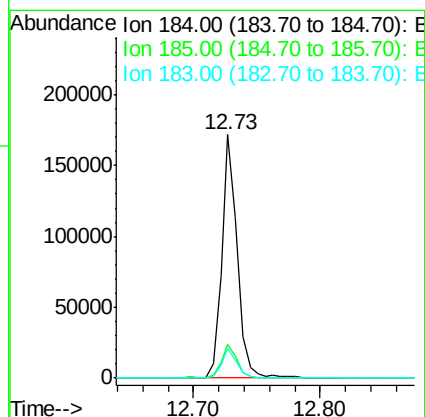
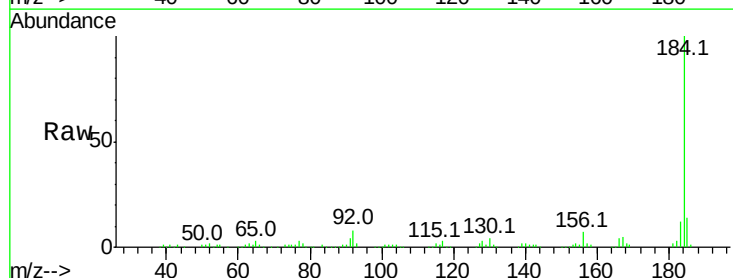
RT: 12.73 min Scan# 1809

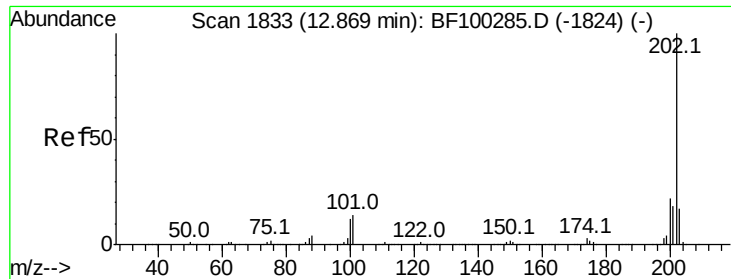
Delta R.T. -0.01 min

Lab File: BF100777.D

Acq: 21 Nov 2017 13:50

Tgt Ion:	184	Resp:	147221
Ion Ratio	Lower	Upper	
184	100		
185	13.9	12.6	18.8
183	12.3	9.3	13.9





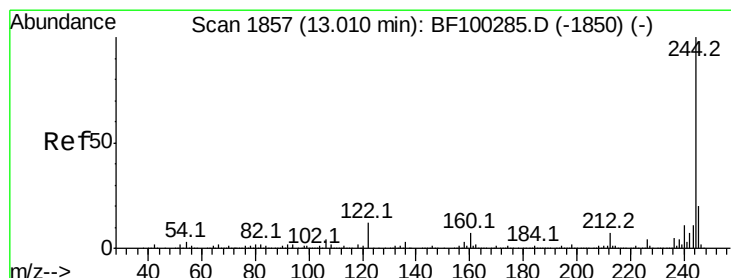
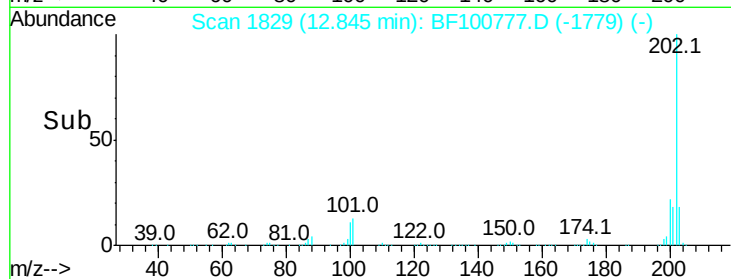
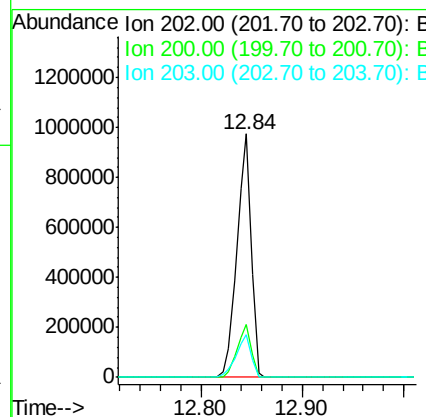
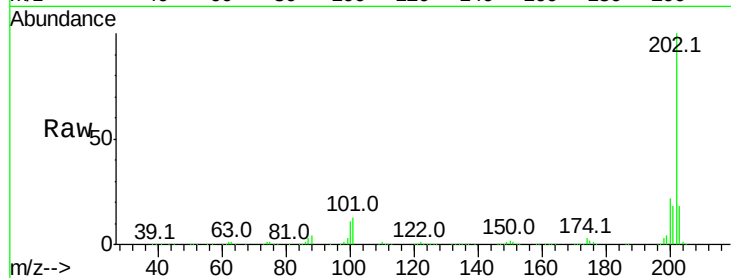
#77
Pvrene
Concen: 57.523 ng
RT: 12.84 min Scan# 1829
Delta R.T. -0.01 min
Lab File: BF100777.D
Acq: 21 Nov 2017 13:50

Instrument :
BNA_F
ClientSampleId :
OR-01-111717MSD

Tot Ion	Ratio	Lower	Upper
202	100		
200	21.5	17.4	26.2
203	17.6	14.3	21.5

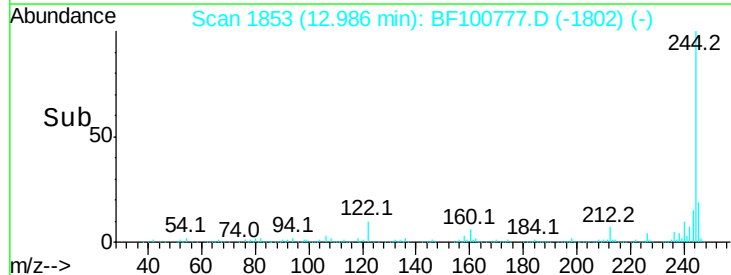
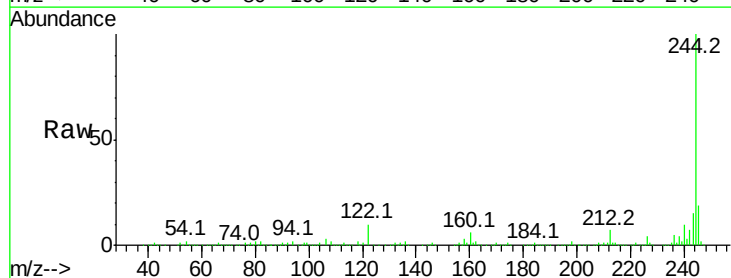
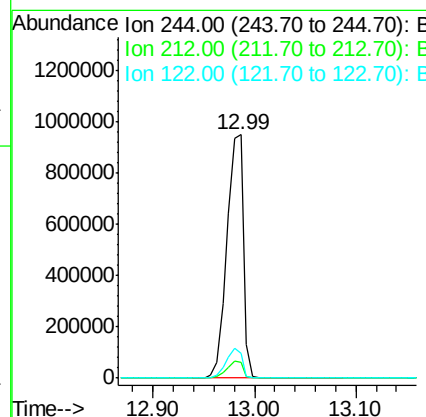
Manual Integrations
APPROVED

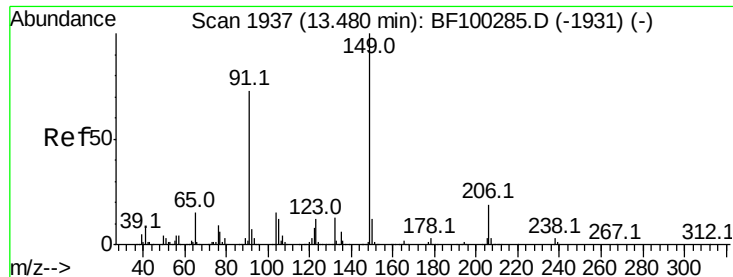
Sohil
11/22/2017 5:04:08 PM



#78
Terphenyl-d14
Concen: 106.402 ng
RT: 12.99 min Scan# 1853
Delta R.T. -0.00 min
Lab File: BF100777.D
Acq: 21 Nov 2017 13:50

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.7	5.4	8.0
122	10.0	11.0	16.4





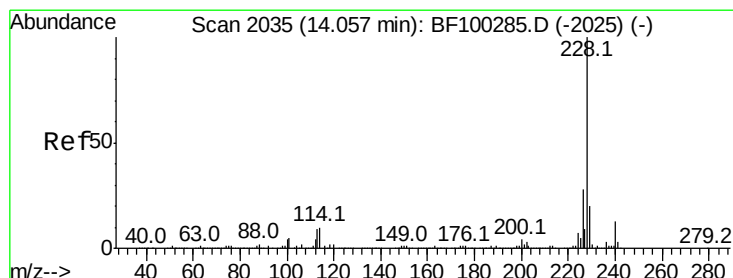
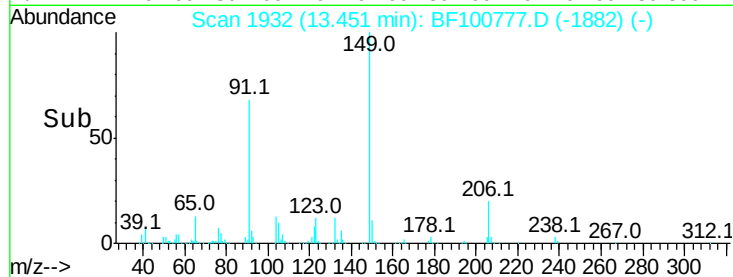
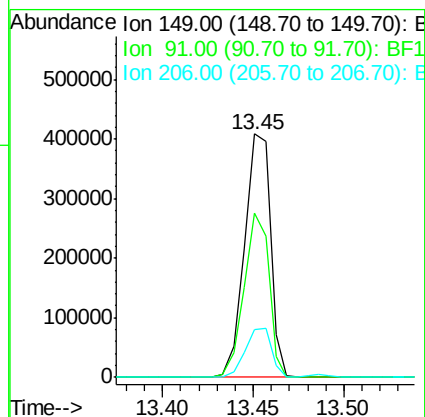
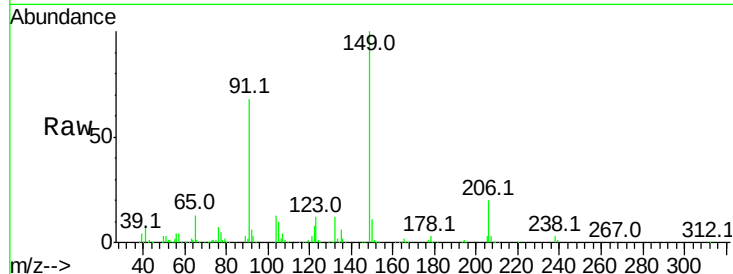
#79
Butylbenzylphthalate
Concen: 60.446 ng
RT: 13.45 min Scan# 1932
Delta R.T. -0.01 min
Lab File: BF100777.D
Acq: 21 Nov 2017 13:50

Instrument :
BNA_F
ClientSampleId :
OR-01-111717MSD

Tot Ion	Ratio	Lower	Upper
149	100		
91	67.7	56.8	85.2
206	19.7	14.1	21.1

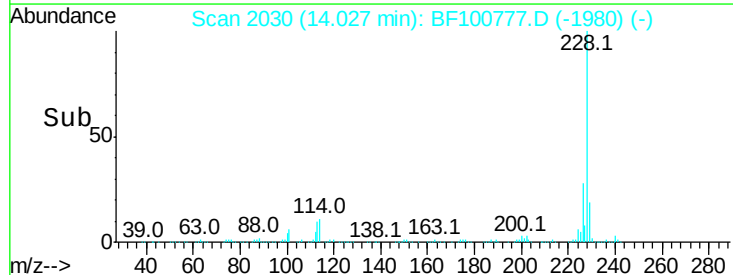
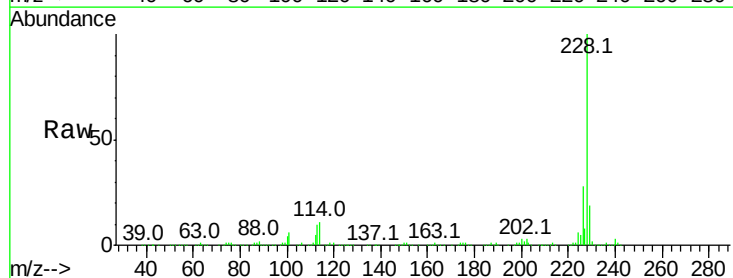
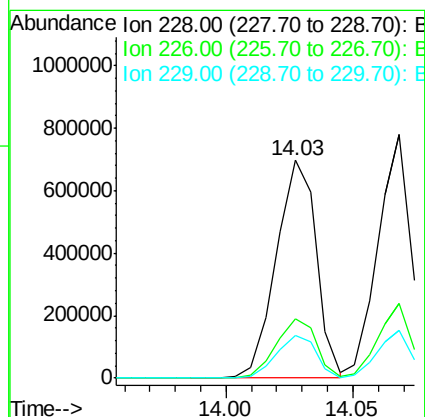
Manual Integrations
APPROVED

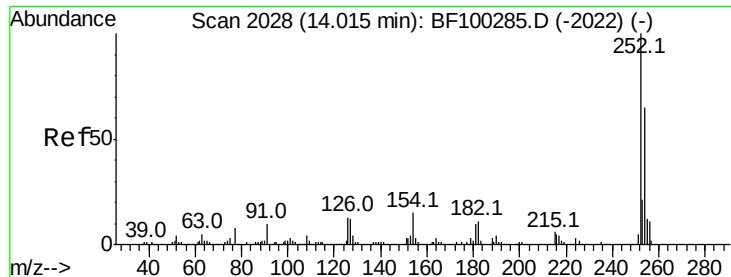
Sohil
11/22/2017 5:04:08 PM



#80
Benzo(a)anthracene
Concen: 54.594 ng
RT: 14.03 min Scan# 2030
Delta R.T. -0.01 min
Lab File: BF100777.D
Acq: 21 Nov 2017 13:50

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.5	22.6	33.8
229	19.4	15.8	23.6





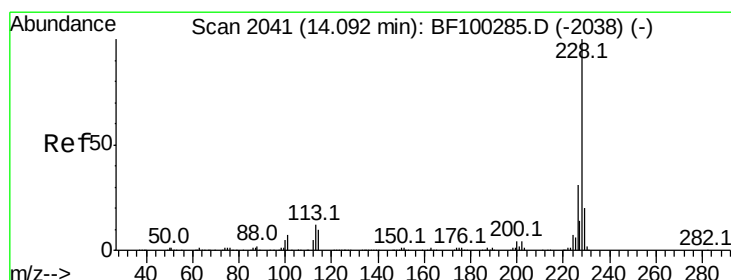
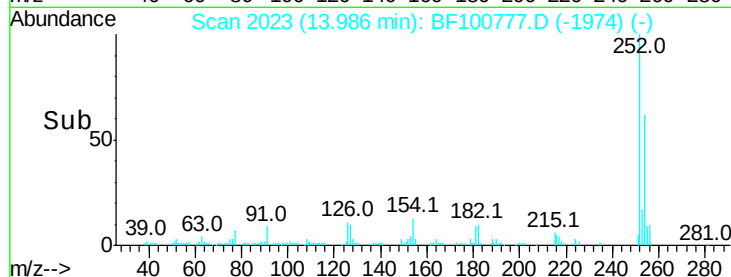
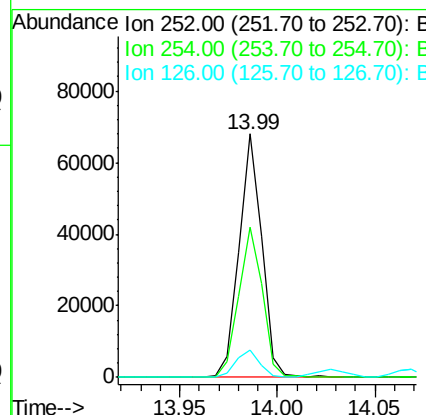
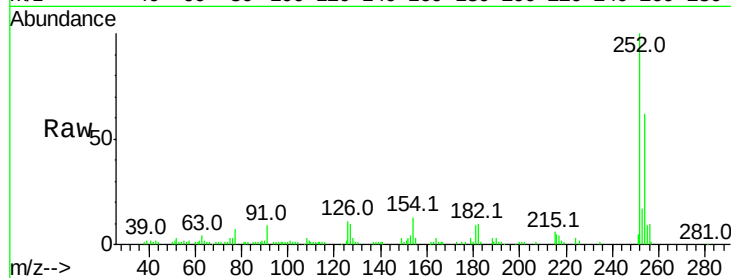
#81
 3,3'-Dichlorobenzidine
 Concen: 10.983 ng
 RT: 13.99 min Scan# 2023
 Delta R.T. -0.01 min
 Lab File: BF100777.D
 Acq: 21 Nov 2017 13:50

Instrument :
 BNA_F
 ClientSampleId :
 OR-01-111717MSD

Tot Ion	Ratio	Lower	Upper
252	100		
254	61.9	50.4	75.6
126	11.2	11.3	16.9

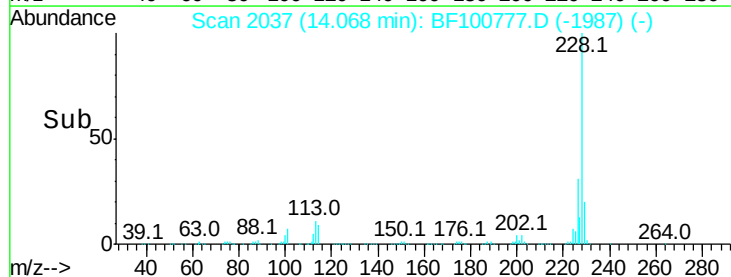
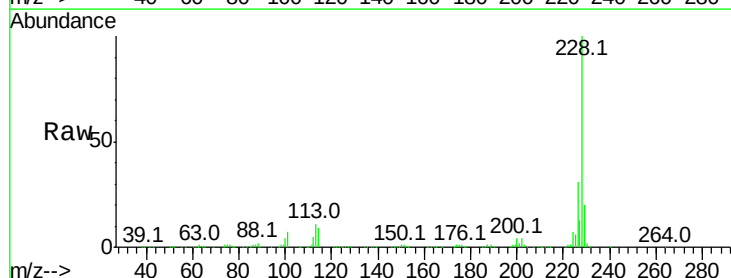
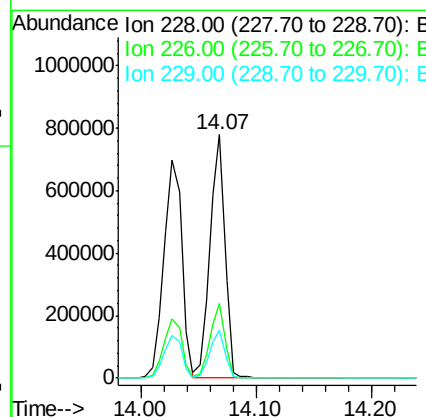
Manual Integrations
 APPROVED

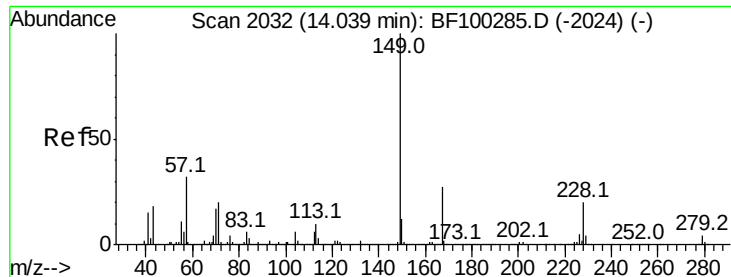
Sohil
 11/22/2017 5:04:08 PM



#82
 Chrysene
 Concen: 52.470 ng
 RT: 14.07 min Scan# 2037
 Delta R.T. -0.01 min
 Lab File: BF100777.D
 Acq: 21 Nov 2017 13:50

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.9	25.0	37.6
229	19.8	16.2	24.4





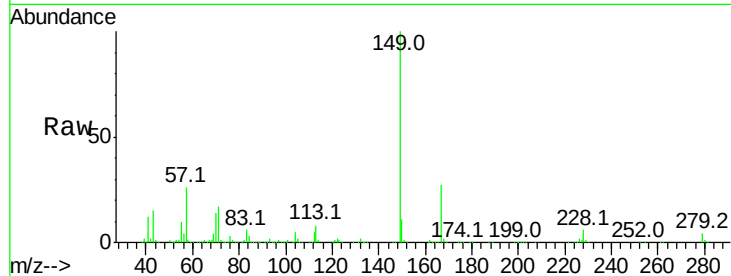
#83
Bis(2-ethylhexyl)phthalate
Concen: 59.068 ng
RT: 14.01 min Scan# 2027
Delta R.T. -0.01 min
Lab File: BF100777.D
Acq: 21 Nov 2017 13:50

Instrument :
BNA_F
ClientSampleId :
OR-01-111717MSD

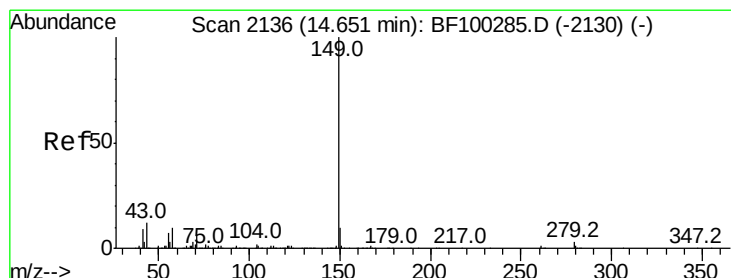
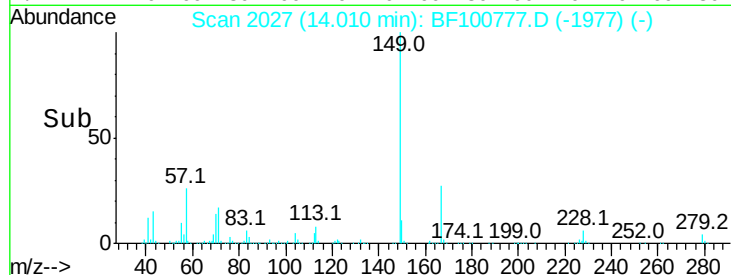
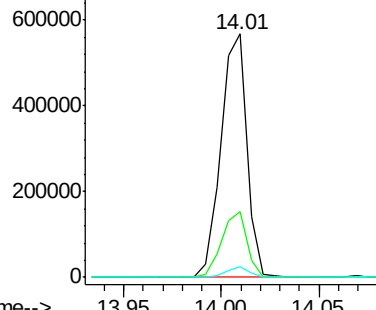
Tot Ion	Ratio	Resp	Lower	Upper
149	100	523865		
167	27.0		21.3	31.9
279	4.2		3.0	4.4

Manual Integrations
APPROVED

Sohil
11/22/2017 5:04:08 PM

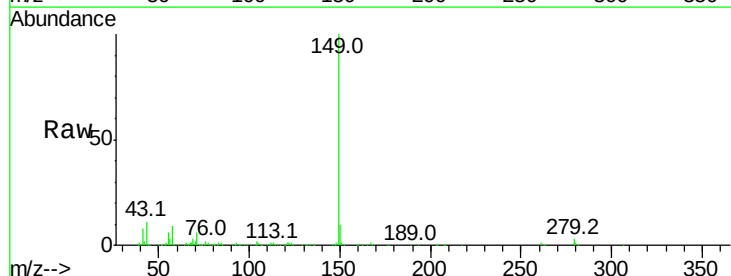


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 279.00 (278.70 to 279.70): E

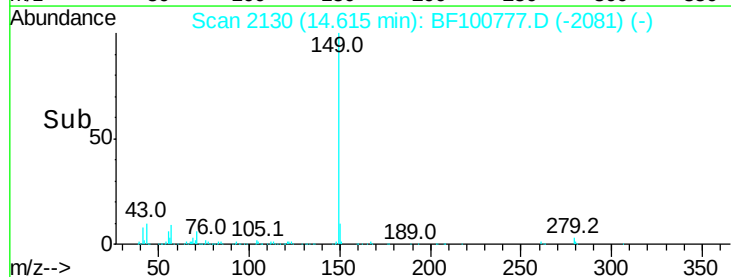
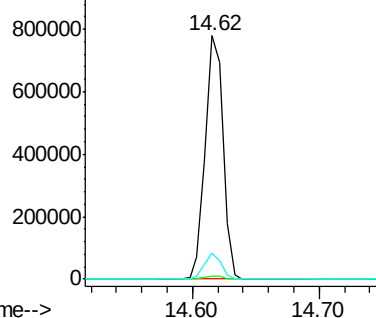


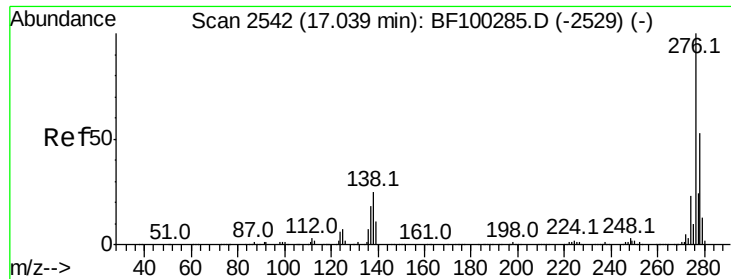
#84
Di-n-octyl phthalate
Concen: 49.196 ng
RT: 14.62 min Scan# 2130
Delta R.T. -0.01 min
Lab File: BF100777.D
Acq: 21 Nov 2017 13:50

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	749552		
167	1.5		1.2	1.8
43	9.8		8.4	12.6



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF1





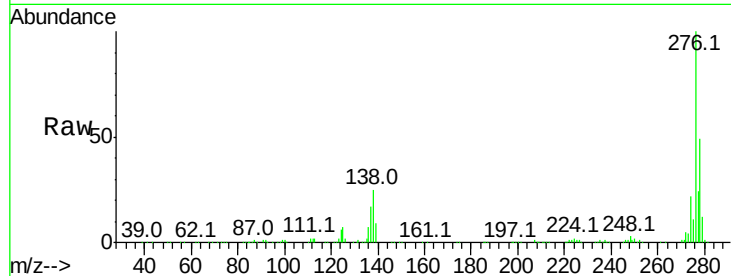
#85
Indeno(1,2,3-cd)pyrene
Concen: 57.276 ng
RT: 17.00 min Scan# 2535
Delta R.T. -0.01 min
Lab File: BF100777.D
Acq: 21 Nov 2017 13:50

Instrument :
BNA_F
ClientSampleId :
OR-01-111717MSD

Tot Ion	Ratio	Lower	Upper
276	100		
138	26.1	25.0	37.6
277	25.0	20.1	30.1

Manual Integrations
APPROVED

Sohil
11/22/2017 5:04:08 PM

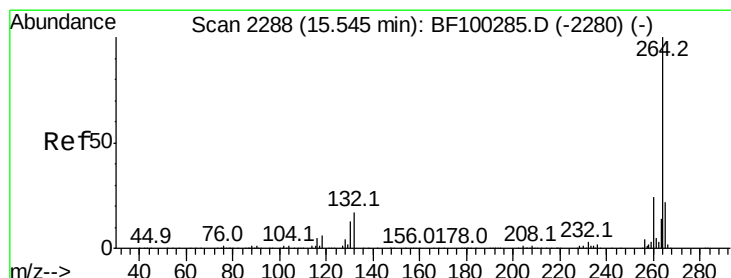
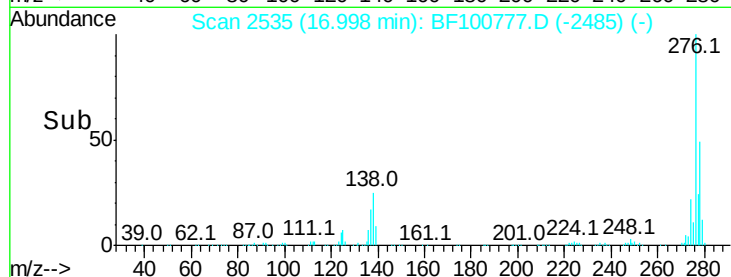
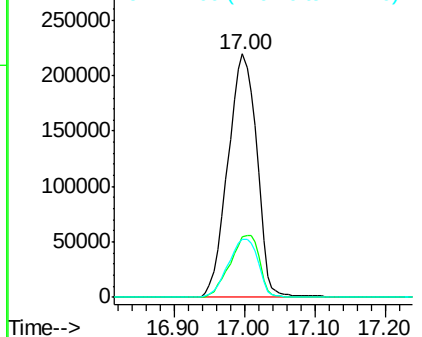


Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.51 min Scan# 2282
Delta R.T. -0.01 min
Lab File: BF100777.D
Acq: 21 Nov 2017 13:50

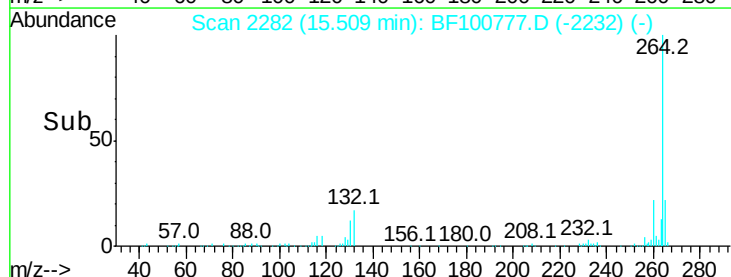
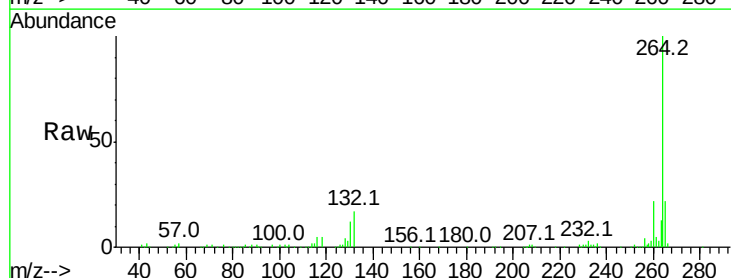
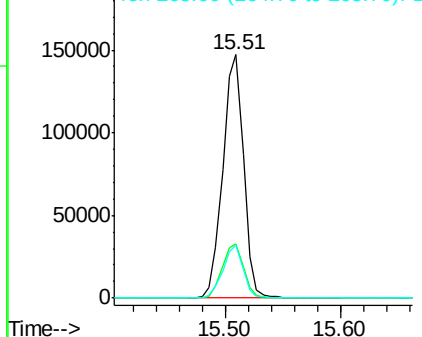
Tgt Ion	Ratio	Lower	Upper
264	100		
260	22.2	19.2	28.8
265	21.8	17.5	26.3

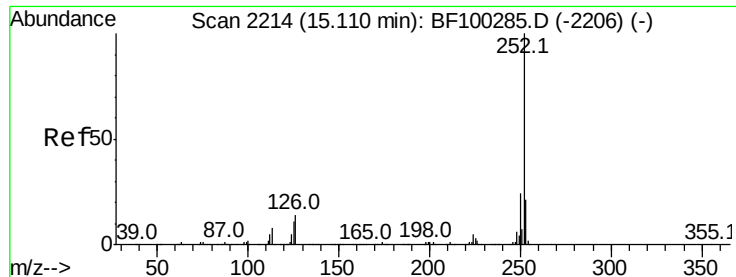
Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 53.144 ng

RT: 15.08 min Scan# 2209

Delta R.T. -0.01 min

Lab File: BF100777.D

Acq: 21 Nov 2017 13:50

Instrument :

BNA_F

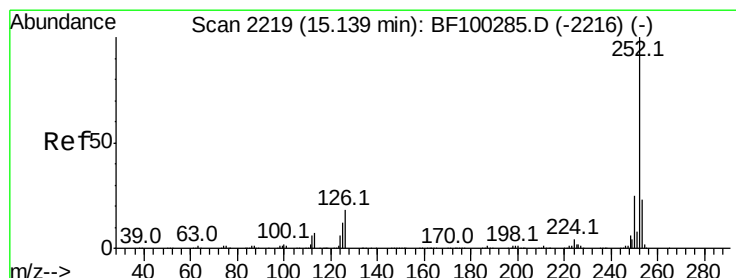
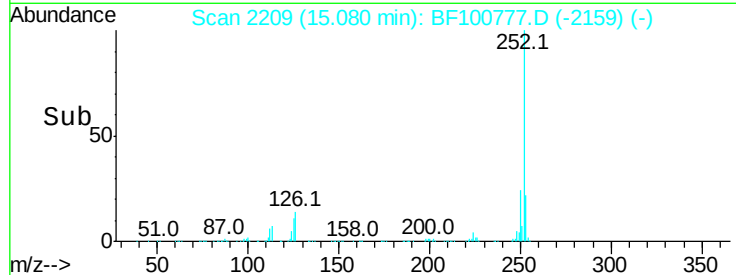
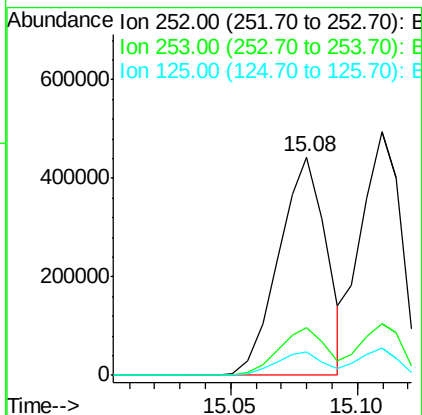
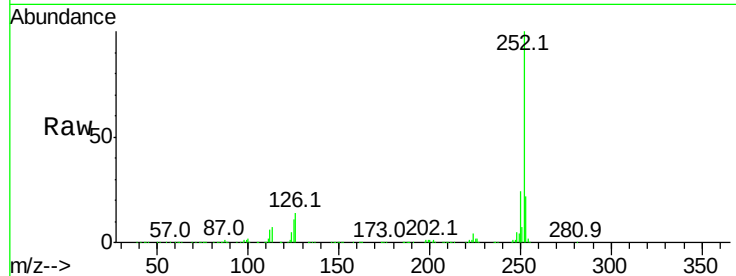
ClientSampleId :

OR-01-111717MSD

Tot Ion:	252	Resp:	578846
Ion Ratio	Lower	Upper	
252	100		
253	21.9	17.0	25.6
125	10.8	9.0	13.6

Manual Integrations
APPROVED

Sohil
11/22/2017 5:04:08 PM



#88

Benzo(k)fluoranthene

Concen: 53.802 ng

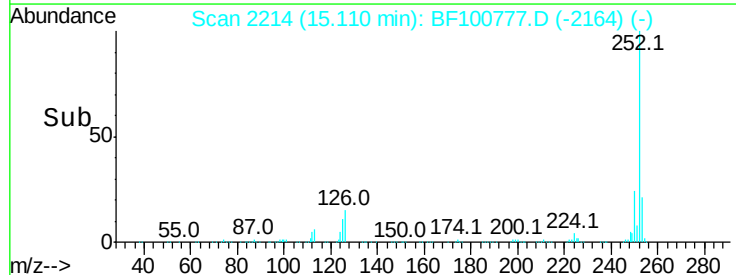
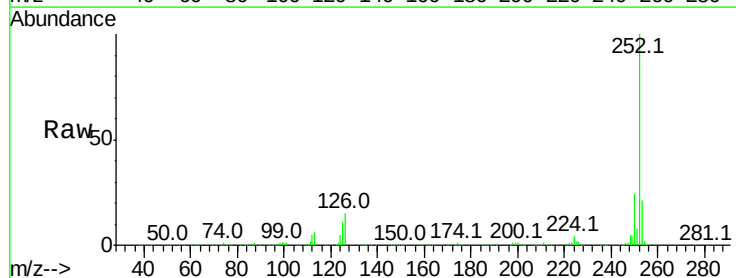
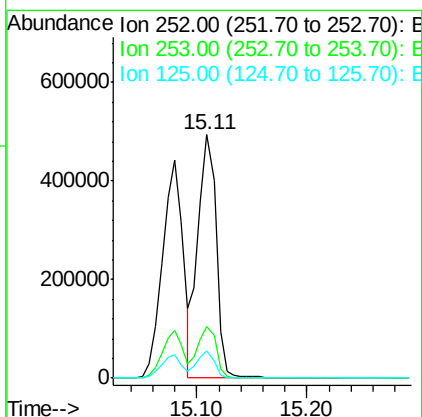
RT: 15.11 min Scan# 2214

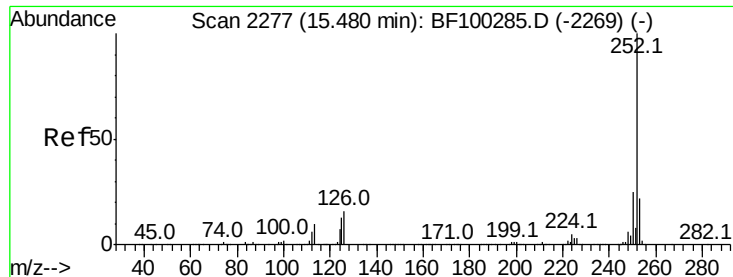
Delta R.T. -0.01 min

Lab File: BF100777.D

Acq: 21 Nov 2017 13:50

Tgt Ion:	252	Resp:	553693
Ion Ratio	Lower	Upper	
252	100		
253	21.3	17.9	26.9
125	11.0	10.2	15.2





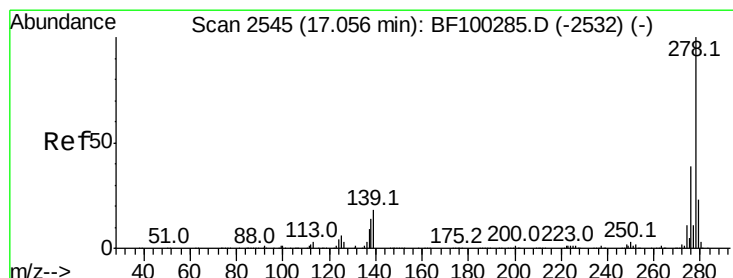
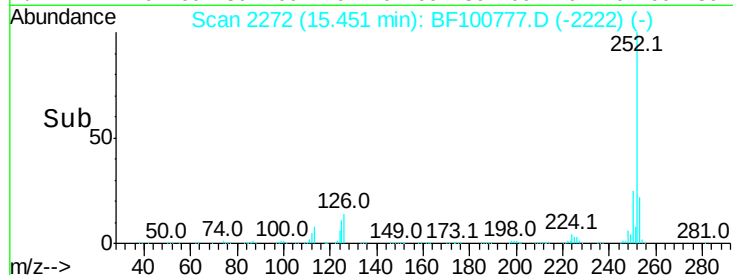
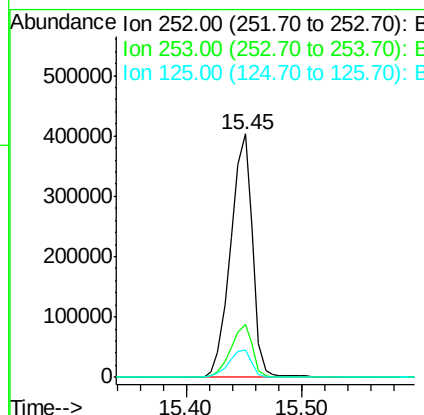
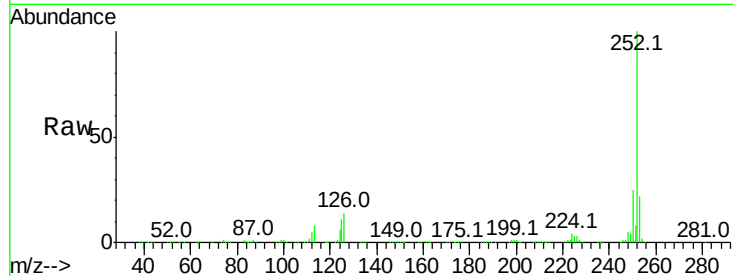
#89
Benzo(a)pyrene
Concen: 54.893 ng
RT: 15.45 min Scan# 2272
Delta R.T. -0.01 min
Lab File: BF100777.D
Acq: 21 Nov 2017 13:50

Instrument :
BNA_F
ClientSampleId :
OR-01-111717MSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.1	25.7
125	11.2	9.8	14.6

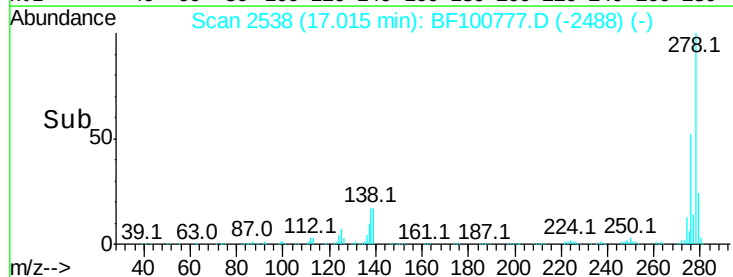
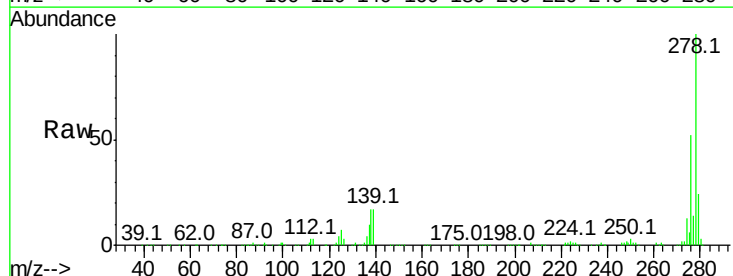
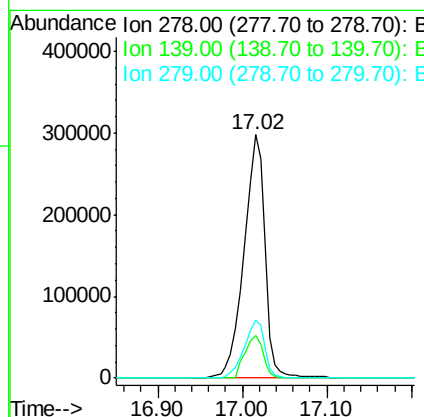
Manual Integrations
APPROVED

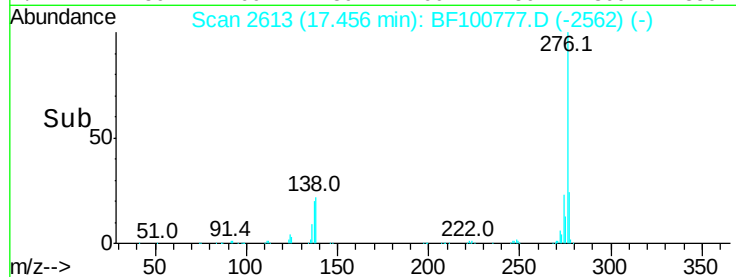
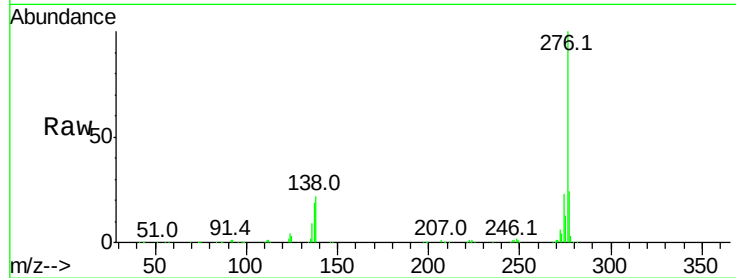
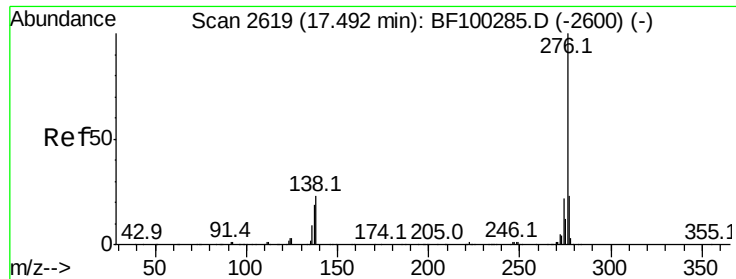
Sohil
11/22/2017 5:04:08 PM



#90
Dibenzo(a,h)anthracene
Concen: 64.734 ng
RT: 17.02 min Scan# 2538
Delta R.T. -0.01 min
Lab File: BF100777.D
Acq: 21 Nov 2017 13:50

Tgt Ion	Ratio	Lower	Upper
278	100		
139	17.4	15.9	23.9
279	23.7	19.0	28.4





#91

Benzo(a,h,i)perylene

Concen: 70.192 ng

RT: 17.46 min Scan# 2613

Delta R.T. -0.00 min

Lab File: BF100777.D

Acq: 21 Nov 2017 13:50

Instrument :

BNA_F

ClientSampleId :

OR-01-111717MSD

Tot Ion	Ratio	Resp Lower	Resp Upper
276	100		
277	24.1	17.9	26.9
138	22.3	21.8	32.8

Manual Integrations
APPROVED

Sohil
11/22/2017 5:04:08 PM

