

Data Path : Z:\HPCHEM1\BNA F\DATA\BF111717\
 Data File : BF100684.D
 Acq On : 17 Nov 2017 20:10
 Operator : SJ/JU
 Sample : I6289-05MSD 5X
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SU-01-111417MSD

Manual Integrations
 APPROVED

SOHIL
 11/20/2017 2:51:17 PM

Quant Time: Nov 17 23:34:36 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	6.88	152	93693	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	377493	20.00	ng	0.00
38) Acenaphthene-d10	9.92	164	175002	20.00	ng	0.00
63) Phenanthrene-d10	11.40	188	292666	20.00	ng	0.00
75) Chrysene-d12	14.04	240	215126	20.00	ng	0.00
86) Perylene-d12	15.52	264	224772	20.00	ng	0.00

SOHIL

System Monitoring Compounds

5) 2-Fluorophenol	5.49	112	130985	22.41	ng	0.00
7) Phenol-d6	6.50	99	157021	21.79	ng	-0.01
23) Nitrobenzene-d5	7.44	82	91845	16.09	ng	-0.01
41) 2,4,6-Tribromophenol	10.70	330	39053	21.90	ng	0.00
44) 2-Fluorobiphenyl	9.23	172	208685	18.16	ng	0.00
78) Terphenyl-d14	12.98	244	148273	15.84	ng	0.00

11/20/2017 2:51:17 PM

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.68	88	16202	5.688	ng	# 94
3) Pyridine	3.48	79	42967	5.529	ng	97
4) n-Nitrosodimethylamine	3.39	42	22196	5.883	ng	97
6) Aniline	6.54	93	30231	2.969	ng	99
8) 2-Chlorophenol	6.66	128	50801	8.216	ng	93
9) Benzaldehyde	6.43	77	18493	3.593	ng	89
10) Phenol	6.51	94	67877	8.971	ng	98
11) bis(2-Chloroethyl)ether	6.61	93	45380	7.140	ng	99
12) 1,3-Dichlorobenzene	6.82	146	55225	7.747	ng	96
13) 1,4-Dichlorobenzene	6.90	146	56988	7.898	ng	95
14) 1,2-Dichlorobenzene	7.05	146	54398	8.154	ng	97
15) Benzyl Alcohol	7.02	79	41242	7.332	ng	95
16) 2,2'-oxybis(1-Chloropropan	7.15	45	77557	7.630	ng	98
17) 2-Methylphenol	7.12	107	40187	7.605	ng	97
18) Hexachloroethane	7.39	117	17862	7.508	ng	98
19) n-Nitroso-di-n-propylamine	7.28	70	34045	6.811	ng	96
20) 3+4-Methylphenols	7.27	107	55395	8.284	ng	97
22) Acetophenone	7.29	105	70007	7.605	ng	# 99
24) Nitrobenzene	7.46	77	50183	8.539	ng	98
25) Isophorone	7.69	82	89199	7.434	ng	98
26) 2-Nitrophenol	7.77	139	26557	13.937	ng	94
27) 2,4-Dimethylphenol	7.80	122	44633	8.298	ng	99
28) bis(2-Chloroethoxy)methane	7.90	93	57612	7.341	ng	98
29) 2,4-Dichlorophenol	8.02	162	43516	8.475	ng	94
30) 1,2,4-Trichlorobenzene	8.10	180	46078	8.296	ng	97
31) Naphthalene	8.19	128	150739	8.291	ng	98
32) Benzoic acid	7.88	122	3649m	10.084	ng	
33) 4-Chloroaniline	8.23	127	31007	4.097	ng	98
34) Hexachlorobutadiene	8.30	225	25497	7.721	ng	94
35) Caprolactam	8.56	113	11931	6.771	ng	96
36) 4-Chloro-3-methylphenol	8.70	107	42669	7.737	ng	94
37) 2-Methylnaphthalene	8.87	142	103017	8.534	ng	96
39) 1,2,4,5-Tetrachlorobenzene	9.04	216	46768	8.058	ng	# 97
40) Hexachlorocyclopentadiene	9.03	237	9244	3.384	ng	96

Data Path : Z:\HPCHEM1\BNA F\DATA\BF111717\
 Data File : BF100684.D
 Acq On : 17 Nov 2017 20:10
 Operator : SJ/JU
 Sample : I6289-05MSD 5X
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SU-01-111417MSD

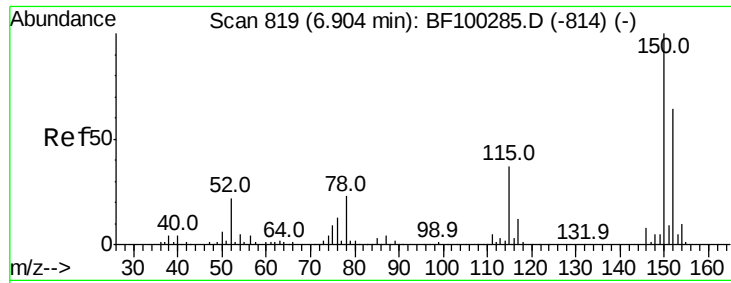
Manual Integrations
 APPROVED

SOHIL
 11/20/2017 2:51:17 PM

Quant Time: Nov 17 23:34:36 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	30709	8.348	nq	99	
43) 2,4,5-Trichlorophenol	9.19	196	31935	8.379	nq	93	
45) 1,1'-Biphenyl	9.33	154	122832	8.115	nq	97	
46) 2-Chloronaphthalene	9.36	162	94383	8.596	nq	95	
47) 2-Nitroaniline	9.46	65	25659	10.234	nq	89	
48) Acenaphthylene	9.78	152	143479	7.885	nq	99	
49) Dimethylphthalate	9.63	163	113521	8.496	nq	100	SOHIL
50) 2,6-Dinitrotoluene	9.69	165	21513	8.134	nq	99	
51) Acenaphthene	9.95	154	91243	8.244	nq	97	
52) 3-Nitroaniline	9.86	138	17774	5.691	nq	99	
53) 2,4-Dinitrophenol	9.97	184	6781	15.535	nq	# 12	11/20/2017 2:51:17 PM
54) Dibenzofuran	10.12	168	131159	8.456	nq	95	
55) 4-Nitrophenol	10.02	139	30406	11.990	nq	85	
56) 2,4-Dinitrotoluene	10.10	165	28323	8.489	nq	# 83	
57) Fluorene	10.46	166	100119	8.811	nq	98	
58) 2,3,4,6-Tetrachlorophenol	10.23	232	23289	7.456	nq	# 85	
59) Diethylphthalate	10.33	149	100792	7.538	nq	97	
60) 4-Chlorophenyl-phenylether	10.46	204	47004	8.432	nq	88	
61) 4-Nitroaniline	10.47	138	20226	6.830	nq	84	
62) Azobenzene	10.62	77	90082	7.153	nq	90	
64) 4,6-Dinitro-2-methylphenol	10.50	198	6564	12.219	nq	84	
65) n-Nitrosodiphenylamine	10.57	169	87921	8.640	nq	95	
66) 4-Bromophenyl-phenylether	10.95	248	27595	8.796	nq	# 86	
67) Hexachlorobenzene	11.01	284	28443	8.668	nq	# 85	
68) Atrazine	11.09	200	25644	8.325	nq	96	
69) Pentachlorophenol	11.20	266	23830	10.128	nq	96	
70) Phenanthrene	11.43	178	163215	10.592	nq	97	
71) Anthracene	11.48	178	140488	8.986	nq	98	
72) Carbazole	11.63	167	109775	7.610	nq	96	
73) Di-n-butylphthalate	11.96	149	138103	8.181	nq	98	
74) Fluoranthene	12.62	202	149317	9.143	nq	94	
77) Pyrene	12.84	202	142669	9.303	nq	99	
79) Butylbenzylphthalate	13.46	149	45217	7.230	nq	89	
80) Benzo(a)anthracene	14.03	228	118646	9.158	nq	99	
81) 3,3'-Dichlorobenzidine	13.99	252	27396	5.902	nq	# 97	
82) Chrysene	14.06	228	116443	9.282	nq	99	
83) Bis(2-ethylhexyl)phthalate	14.01	149	62543	7.604	nq	100	
84) Di-n-octyl phthalate	14.62	149	109992	7.784	nq	# 98	
85) Indeno(1,2,3-cd)pyrene	17.00	276	95196	9.382	nq	92	
87) Benzo(b)fluoranthene	15.08	252	114407	8.591	nq	98	
88) Benzo(k)fluoranthene	15.11	252	106941	8.499	nq	98	
89) Benzo(a)pyrene	15.45	252	107923	9.142	nq	98	
90) Dibenzo(a,h)anthracene	17.01	278	78058	8.085	nq	97	
91) Benzo(g,h,i)perylene	17.44	276	76790	8.125	nq	92	

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



#1

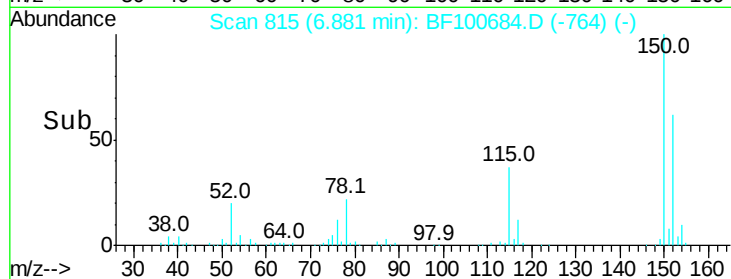
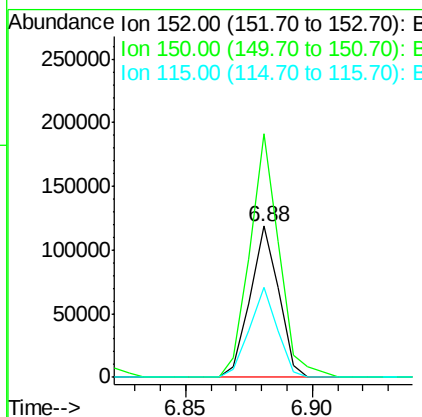
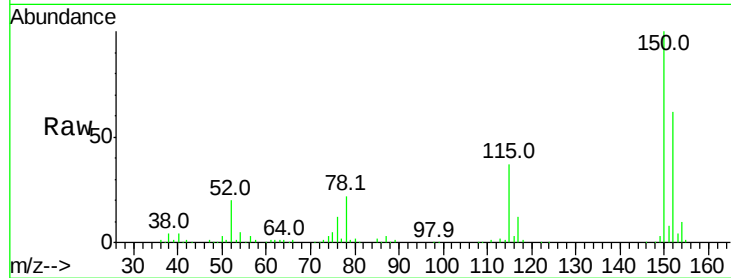
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.88 min Scan# 815
Delta R.T. -0.00 min
Lab File: BF100684.D
Acq: 17 Nov 2017 20:10

Instrument :
BNA_F
ClientSampleId :
SU-01-111417MSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	161.4	124.6	186.8
115	59.7	50.1	75.1

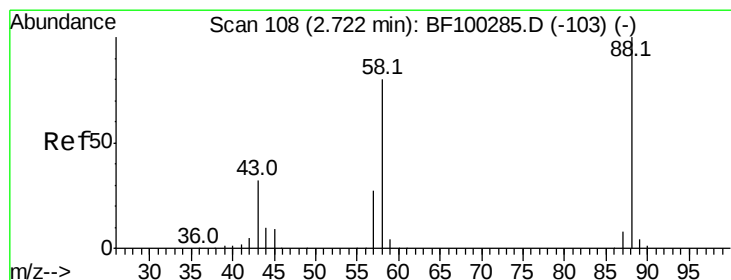
Manual Integrations
APPROVED

SOHIL
11/20/2017 2:51:17 PM



SOHIL

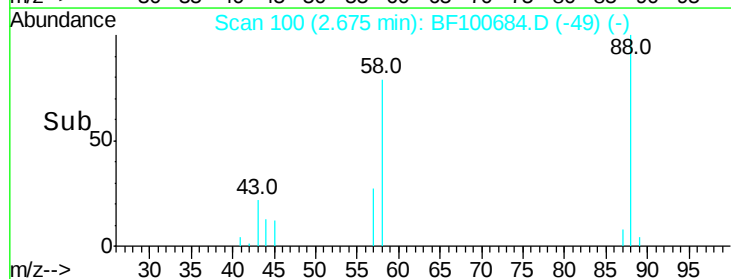
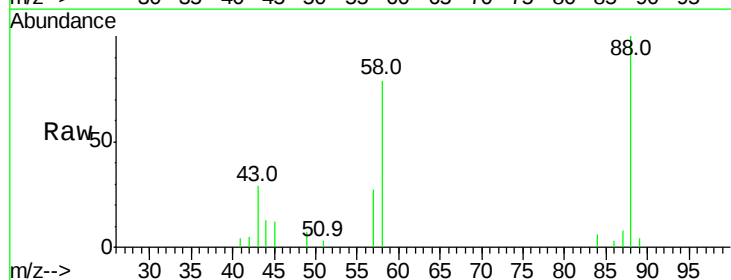
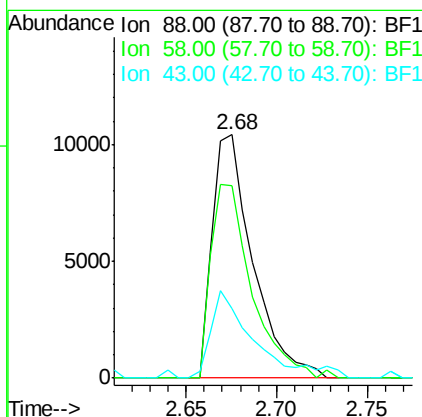
11/20/2017 2:51:17 PM

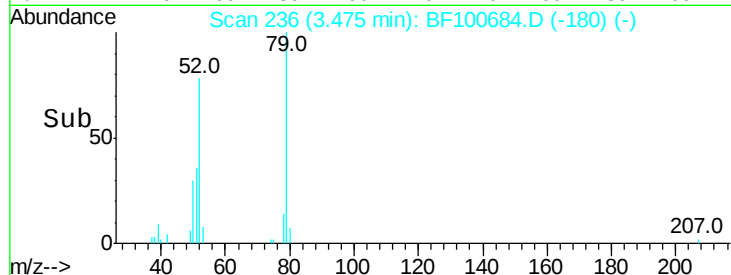
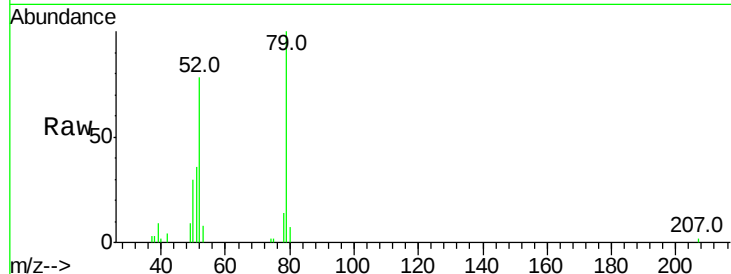
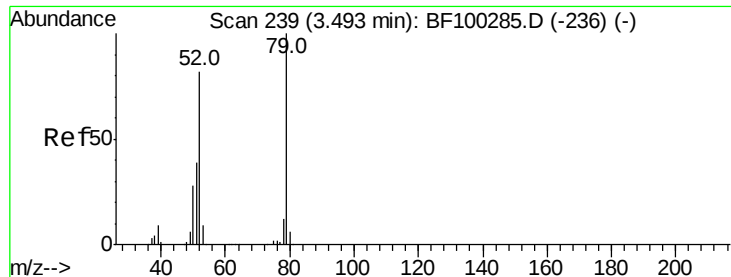


#2

1,4-Dioxane
Concen: 5.688 ng
RT: 2.68 min Scan# 100
Delta R.T. -0.00 min
Lab File: BF100684.D
Acq: 17 Nov 2017 20:10

Tgt Ion	Ratio	Lower	Upper
88	100		
58	80.6	62.6	93.8
43	38.5	24.6	37.0#





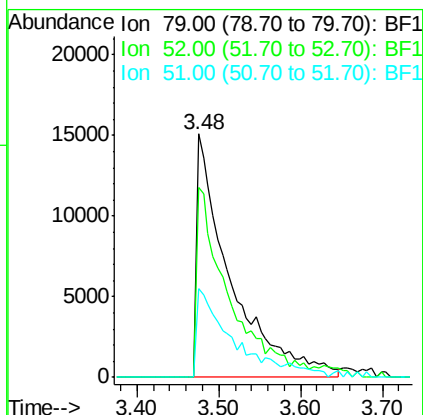
#3
Pvridine
Concen: 5.529 ng
RT: 3.48 min Scan# 236
Delta R.T. 0.03 min
Lab File: BF100684.D
Acq: 17 Nov 2017 20:10

Tot Ion	Ratio	Lower	Upper
79	100		
52	77.9	59.8	89.6
51	36.5	29.8	44.8

Instrument :
BNA_F
ClientSampleId :
SU-01-111417MSD

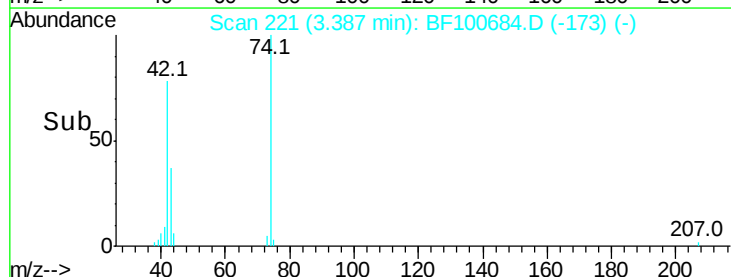
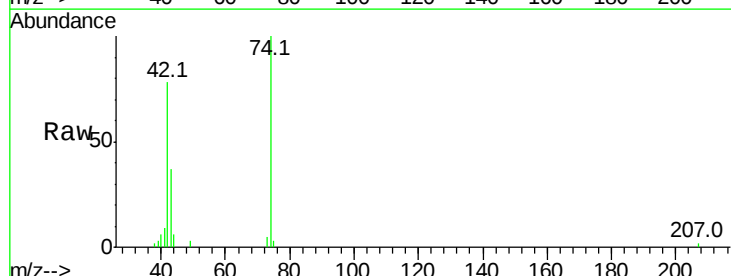
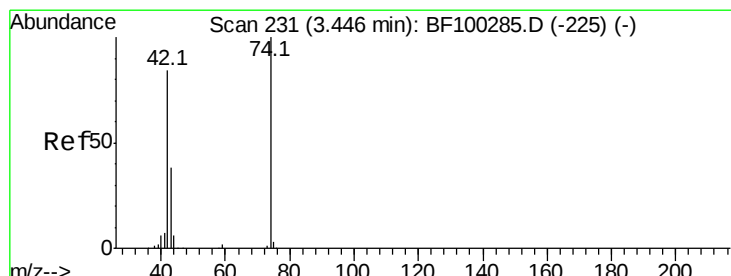
Manual Integrations
APPROVED

SOHIL
11/20/2017 2:51:17 PM



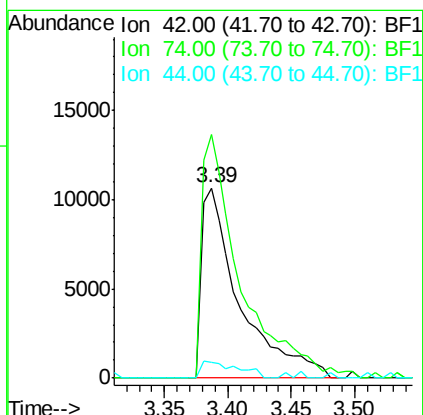
SOHIL

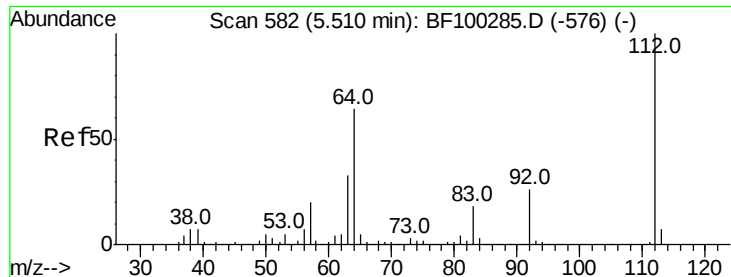
11/20/2017 2:51:17 PM



#4
n-Nitrosodimethylamine
Concen: 5.883 ng
RT: 3.39 min Scan# 221
Delta R.T. -0.02 min
Lab File: BF100684.D
Acq: 17 Nov 2017 20:10

Tgt Ion	Ratio	Lower	Upper
42	100		
74	128.0	104.9	157.3
44	8.1	6.9	10.3





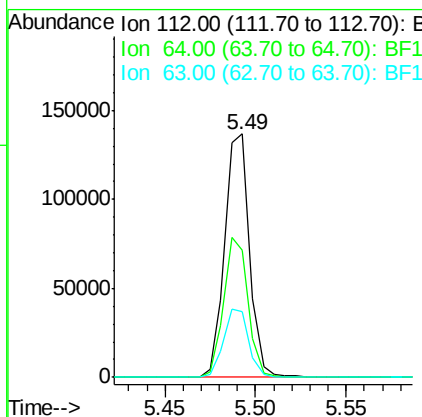
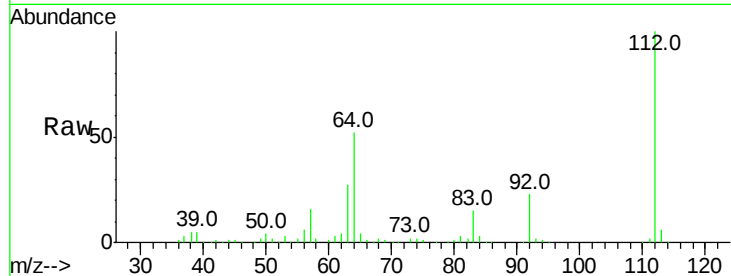
#5
2-Fluorophenol
Concen: 22.410 ng
RT: 5.49 min Scan# 579
Delta R.T. -0.00 min
Lab File: BF100684.D
Acq: 17 Nov 2017 20:10

Instrument :
BNA_F
ClientSampleId :
SU-01-111417MSD

Tot Ion	Ratio	Resp	Lower	Upper
112	100			
64	52.4	47.9	71.9	
63	26.9	23.7	35.5	

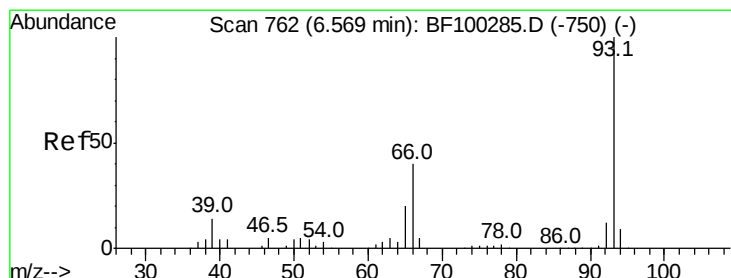
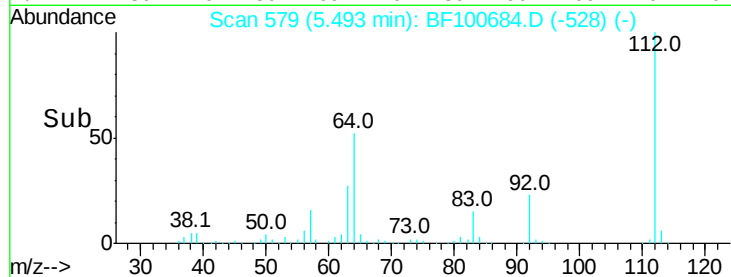
Manual Integrations
APPROVED

SOHIL
11/20/2017 2:51:17 PM



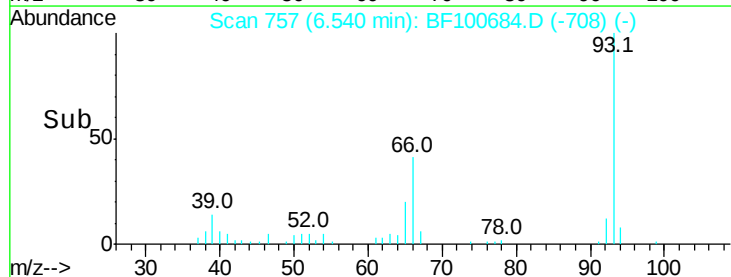
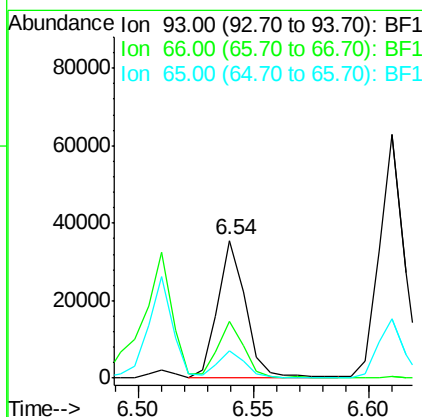
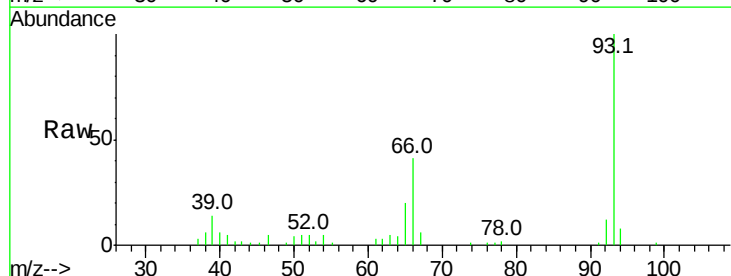
SOHIL

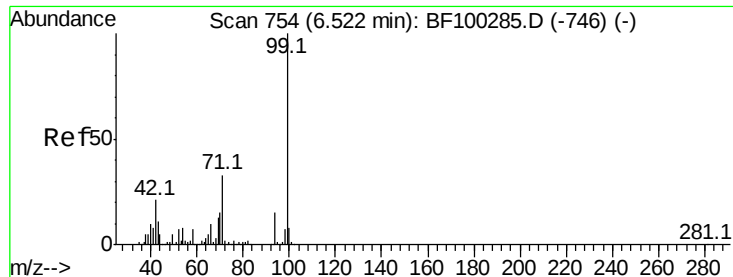
11/20/2017 2:51:17 PM



#6
Aniline
Concen: 2.969 ng
RT: 6.54 min Scan# 757
Delta R.T. -0.01 min
Lab File: BF100684.D
Acq: 17 Nov 2017 20:10

Tgt Ion	Ratio	Resp	Lower	Upper
93	100			
66	40.9	32.2	48.2	
65	20.0	16.4	24.6	





#7

Phenol-d6

Concen: 21.786 ng

RT: 6.50 min Scan# 750

Delta R.T. -0.01 min

Lab File: BF100684.D

Acq: 17 Nov 2017 20:10

Instrument :

BNA_F

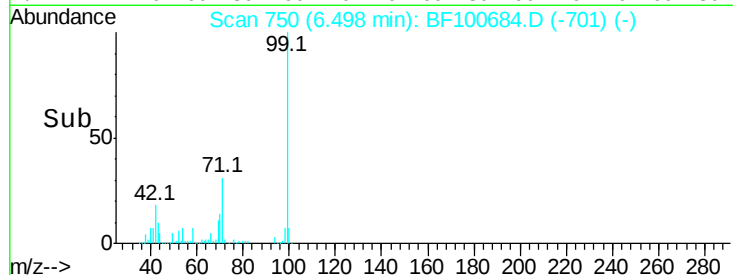
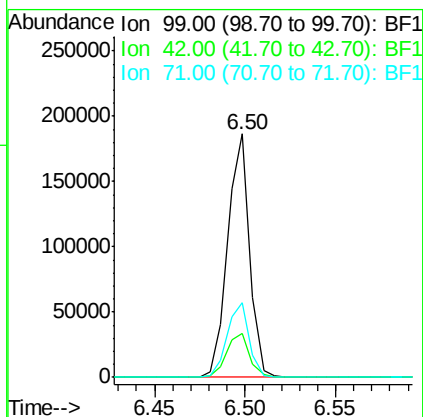
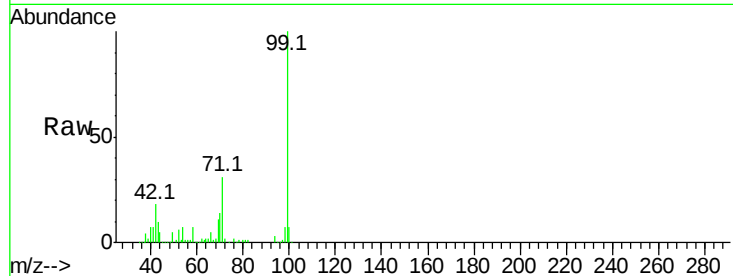
ClientSampleId :

SU-01-111417MSD

Tot Ion:	99	Resp:	157021
Ion Ratio	Lower	Upper	
99	100		
42	18.2	14.5	21.7
71	30.9	25.4	38.0

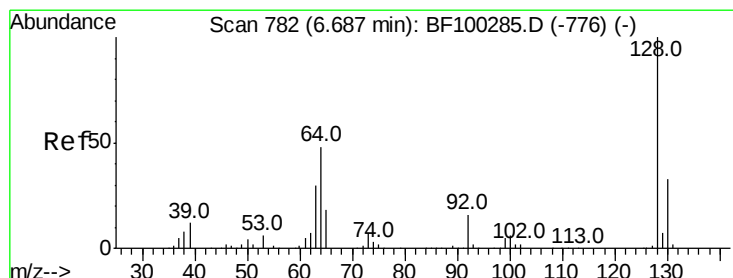
Manual Integrations
APPROVED

SOHIL
11/20/2017 2:51:17 PM



SOHIL

11/20/2017 2:51:17 PM



#8

2-Chlorophenol

Concen: 8.216 ng

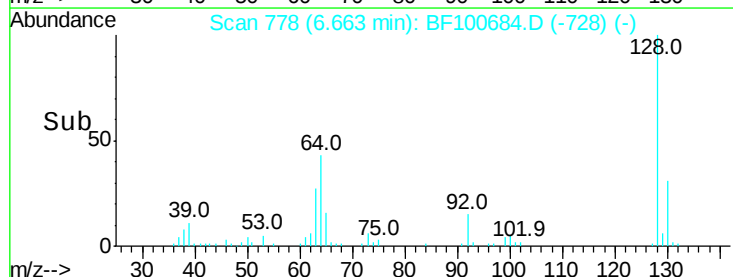
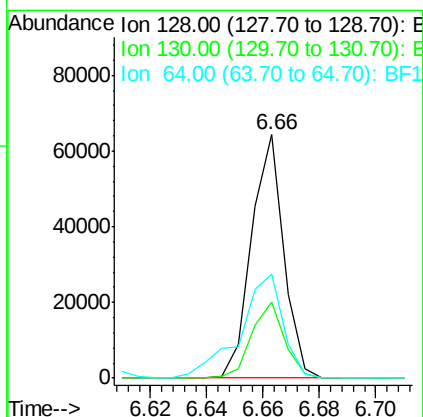
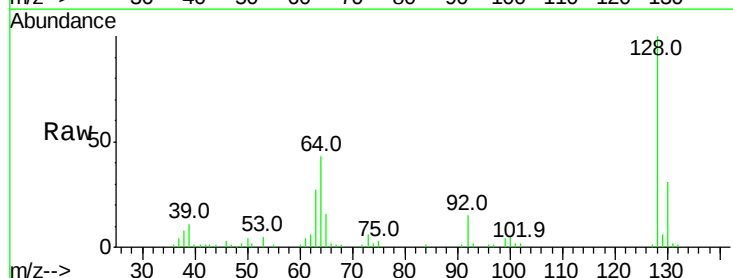
RT: 6.66 min Scan# 778

Delta R.T. -0.01 min

Lab File: BF100684.D

Acq: 17 Nov 2017 20:10

Tgt Ion:	128	Resp:	50801
Ion Ratio	Lower	Upper	
128	100		
130	31.2	13.0	53.0
64	42.9	29.4	69.4





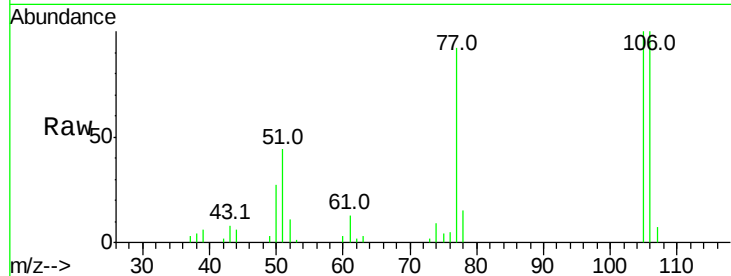
#9
Benzaldehyde
Concen: 3.593 ng
RT: 6.43 min Scan# 739
Delta R.T. -0.00 min
Lab File: BF100684.D
Acq: 17 Nov 2017 20:10

Instrument :
BNA_F
ClientSampleId :
SU-01-111417MSD

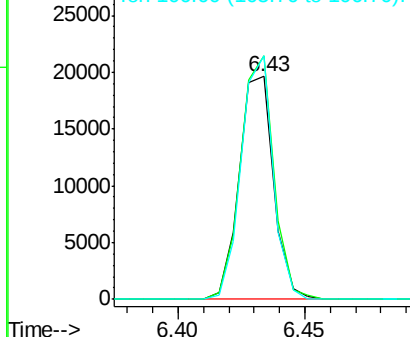
Tot Ion: 77 Resp: 18493
Ion Ratio Lower Upper
77 100
105 109.3 81.1 121.1
106 109.1 74.5 114.5

Manual Integrations
APPROVED

SOHIL
11/20/2017 2:51:17 PM

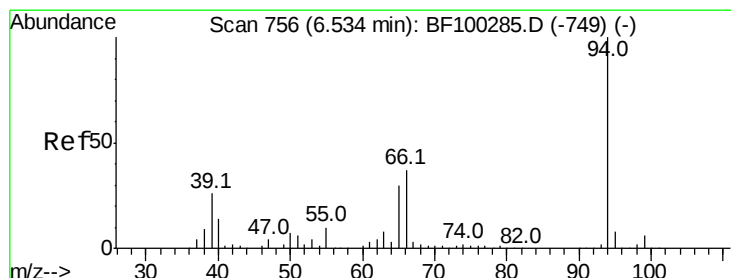
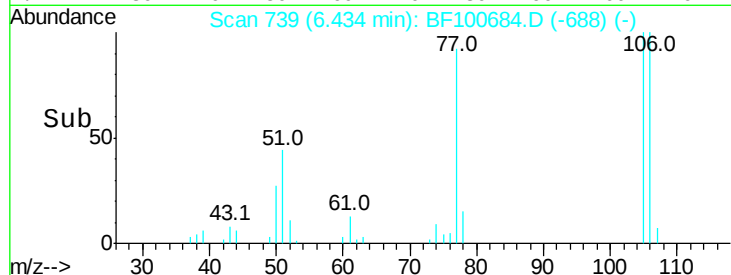


Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 105.00 (104.70 to 105.70): BF1
Ion 106.00 (105.70 to 106.70): BF1



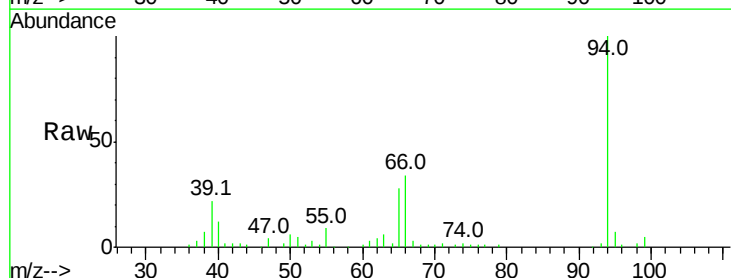
SOHIL

11/20/2017 2:51:17 PM

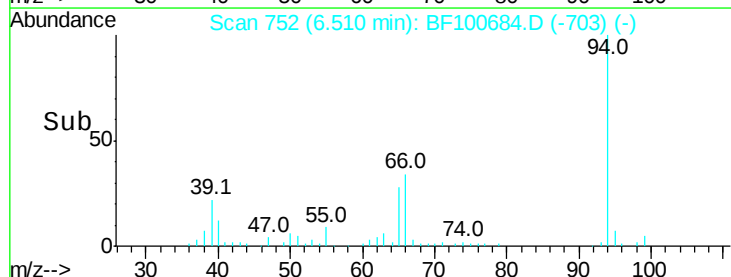
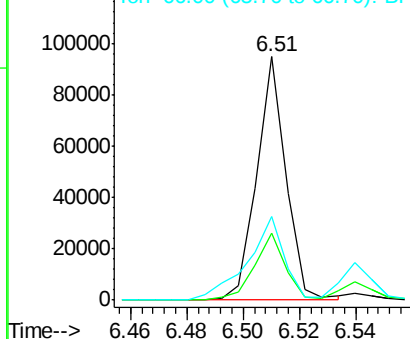


#10
Phenol
Concen: 8.971 ng
RT: 6.51 min Scan# 752
Delta R.T. -0.01 min
Lab File: BF100684.D
Acq: 17 Nov 2017 20:10

Tgt Ion: 94 Resp: 67877
Ion Ratio Lower Upper
94 100
65 27.7 7.9 47.9
66 34.2 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





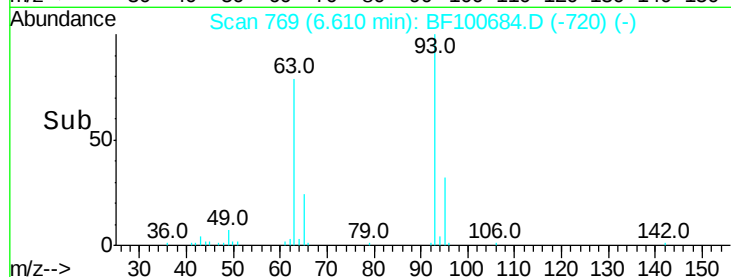
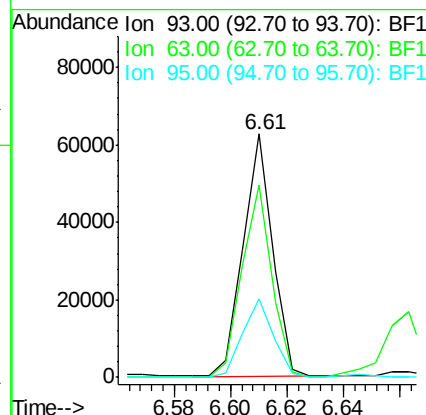
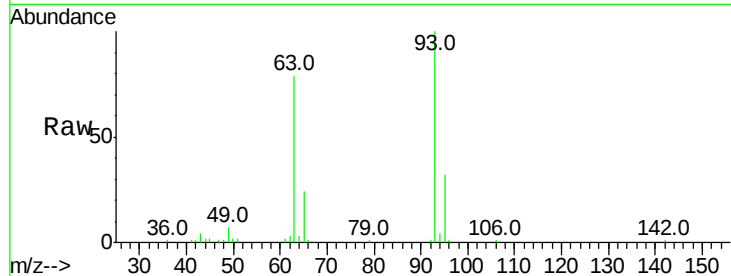
#11
bis(2-Chloroethyl)ether
Concen: 7.140 ng
RT: 6.61 min Scan# 769
Delta R.T. -0.01 min
Lab File: BF100684.D
Acq: 17 Nov 2017 20:10

Instrument :
BNA_F
ClientSampleId :
SU-01-111417MSD

Tot Ion	Ratio	Lower	Upper
93	100		
63	79.1	58.6	98.6
95	32.5	11.8	51.8

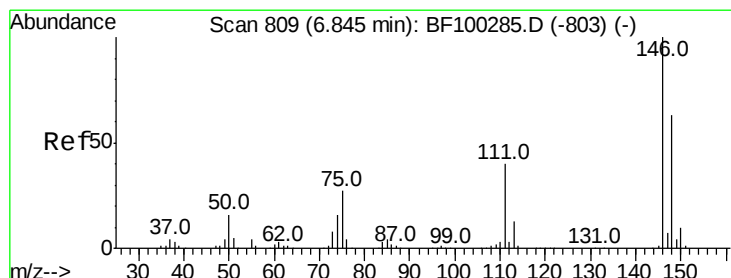
Manual Integrations
APPROVED

SOHIL
11/20/2017 2:51:17 PM



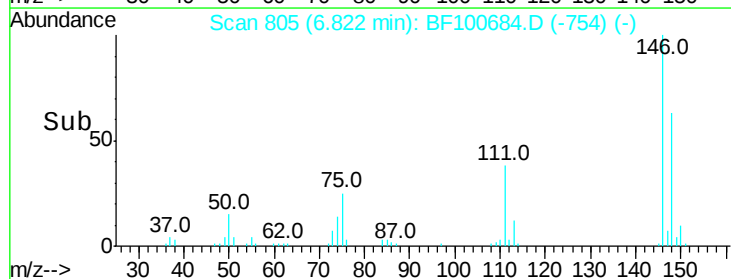
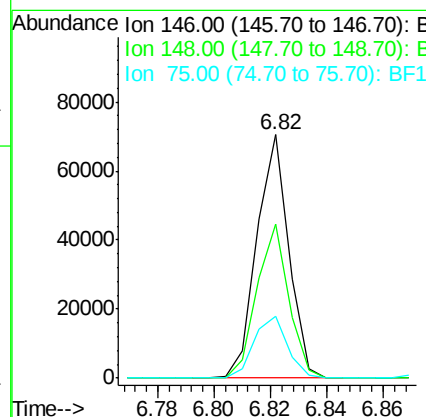
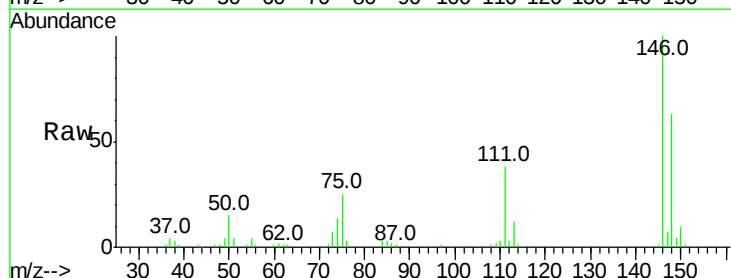
SOHIL

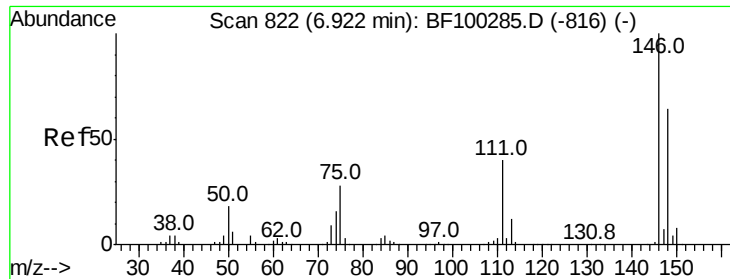
11/20/2017 2:51:17 PM



#12
1,3-Dichlorobenzene
Concen: 7.747 ng
RT: 6.82 min Scan# 805
Delta R.T. -0.00 min
Lab File: BF100684.D
Acq: 17 Nov 2017 20:10

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.5	51.8	77.8
75	25.4	24.2	36.4





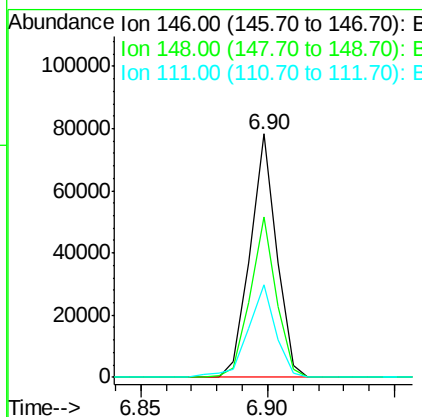
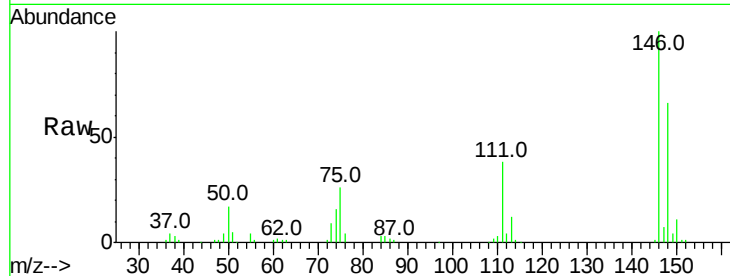
#13
1,4-Dichlorobenzene
Concen: 7.898 ng
RT: 6.90 min Scan# 818
Delta R.T. -0.00 min
Lab File: BF100684.D
Acq: 17 Nov 2017 20:10

Instrument :
BNA_F
ClientSampleId :
SU-01-111417MSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	66.1	50.8	76.2
111	38.2	34.2	51.2

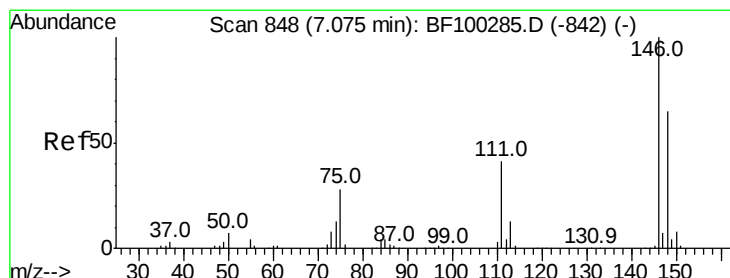
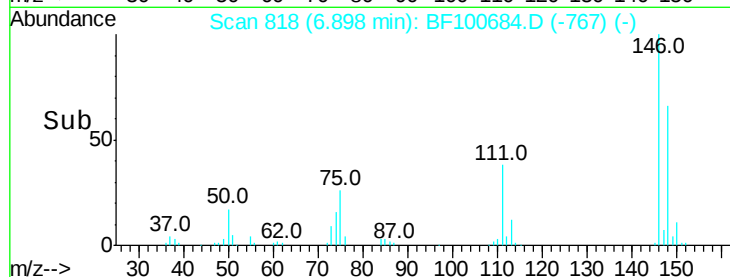
Manual Integrations
APPROVED

SOHIL
11/20/2017 2:51:17 PM



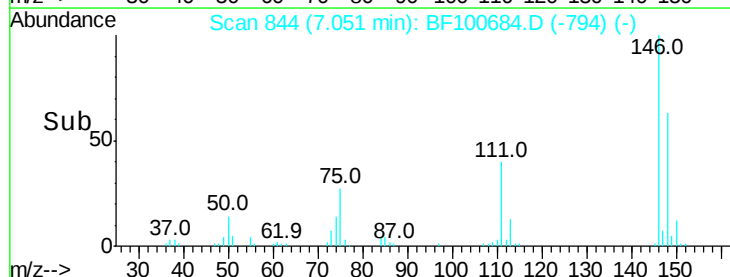
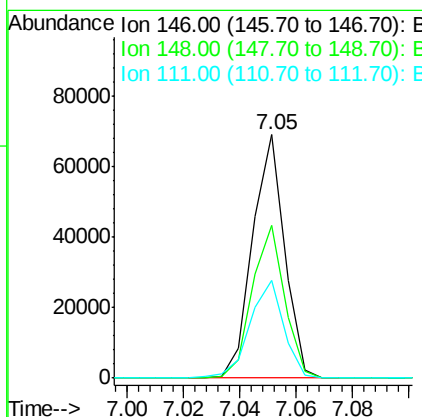
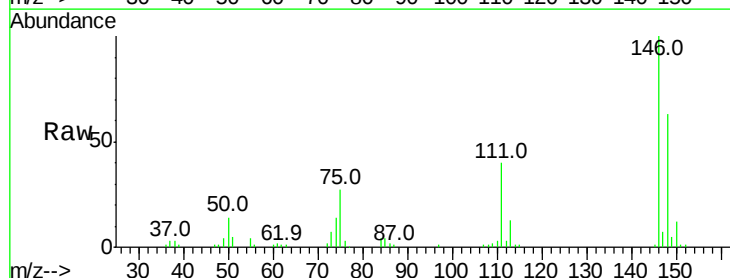
SOHIL

11/20/2017 2:51:17 PM



#14
1,2-Dichlorobenzene
Concen: 8.154 ng
RT: 7.05 min Scan# 844
Delta R.T. -0.01 min
Lab File: BF100684.D
Acq: 17 Nov 2017 20:10

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.9	50.6	75.8
111	40.0	36.0	54.0





#15

Benzyl Alcohol

Concen: 7.332 ng

RT: 7.02 min Scan# 838

Delta R.T. -0.01 min

Lab File: BF100684.D

Acq: 17 Nov 2017 20:10

Instrument :

BNA_F

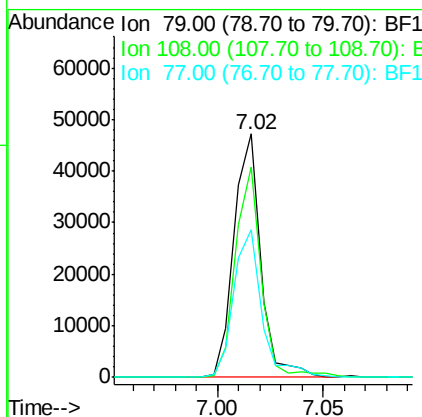
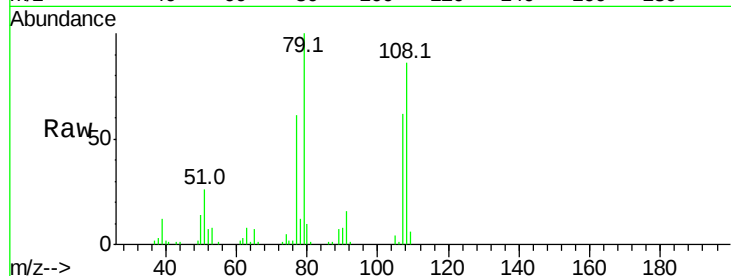
ClientSampleId :

SU-01-111417MSD

Tot Ion:	79	Resp:	41242
Ion Ratio	Lower	Upper	
79	100		
108	86.5	65.1	97.7
77	60.8	50.6	75.8

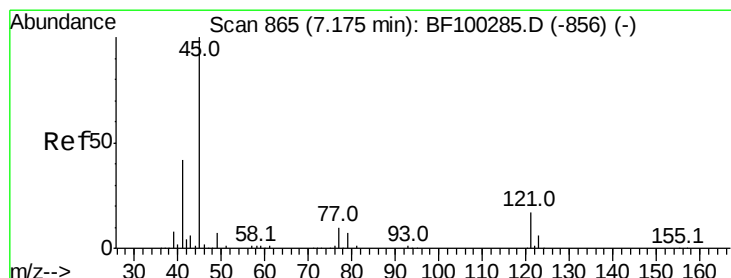
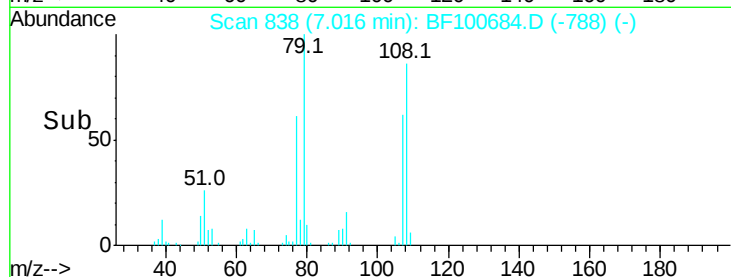
Manual Integrations
APPROVED

SOHIL
11/20/2017 2:51:17 PM



SOHIL

11/20/2017 2:51:17 PM



#16

2,2'-oxybis(1-chloropropane)

Concen: 7.630 ng

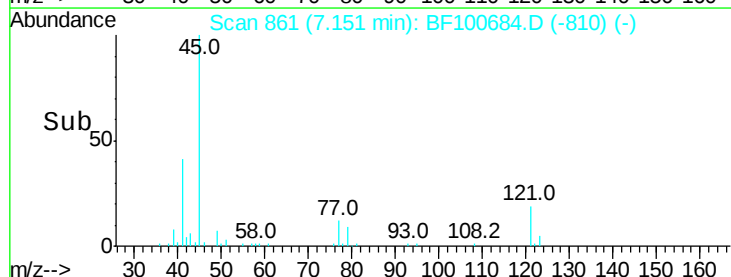
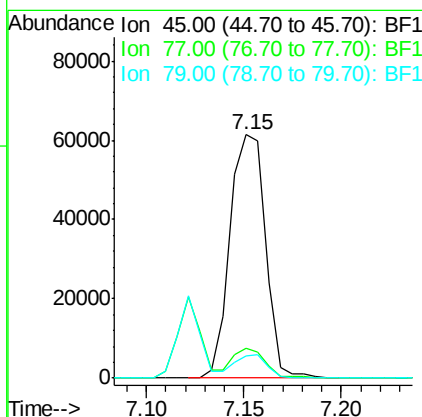
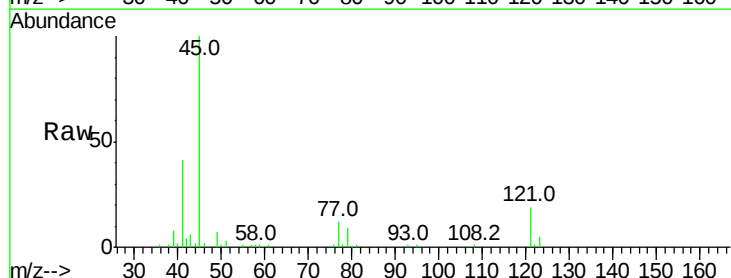
RT: 7.15 min Scan# 861

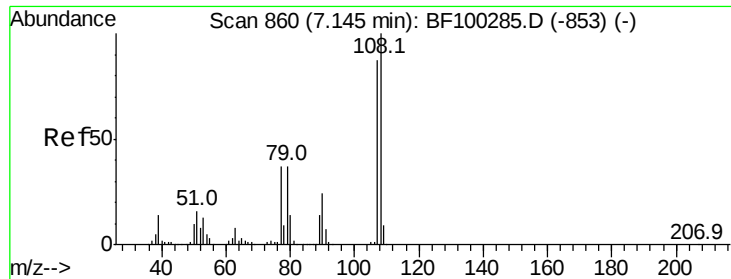
Delta R.T. -0.00 min

Lab File: BF100684.D

Acq: 17 Nov 2017 20:10

Tgt Ion:	45	Resp:	77557
Ion Ratio	Lower	Upper	
45	100		
77	12.1	0.0	32.9
79	8.9	0.0	29.6





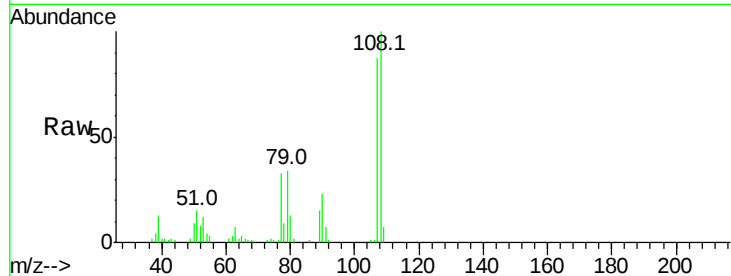
#17
2-Methylphenol
Concen: 7.605 ng
RT: 7.12 min Scan# 856
Delta R.T. -0.01 min
Lab File: BF100684.D
Acq: 17 Nov 2017 20:10

Instrument :
BNA_F
ClientSampleId :
SU-01-111417MSD

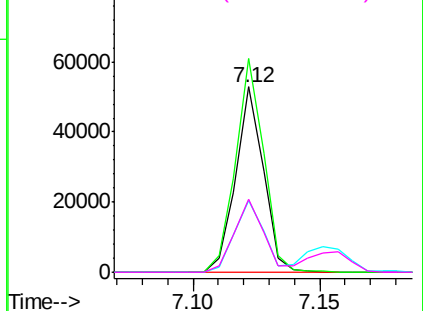
Tot Ion:	107	Resp:	40187
Ion Ratio	Lower	Upper	
107	100		
108	115.4	91.7	137.5
77	38.5	33.8	50.8
79	39.3	33.8	50.8

Manual Integrations
APPROVED

SOHIL
11/20/2017 2:51:17 PM

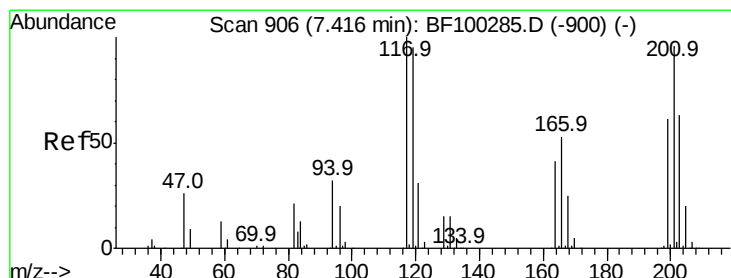
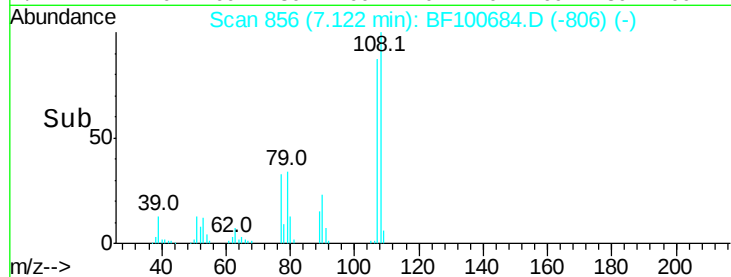


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1



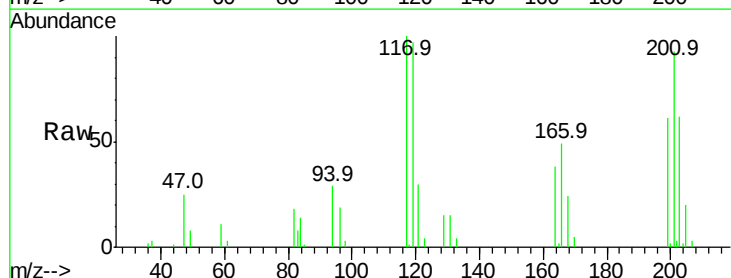
SOHIL

11/20/2017 2:51:17 PM

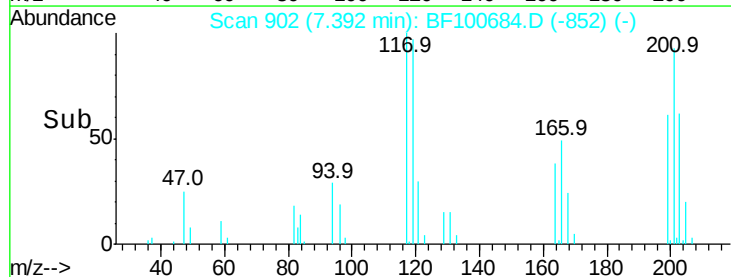
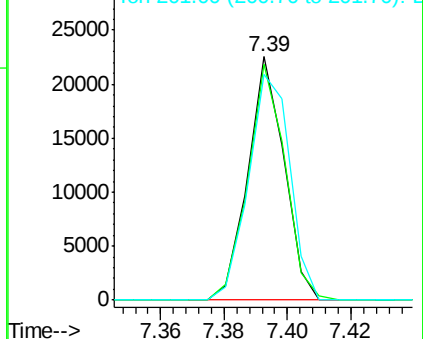


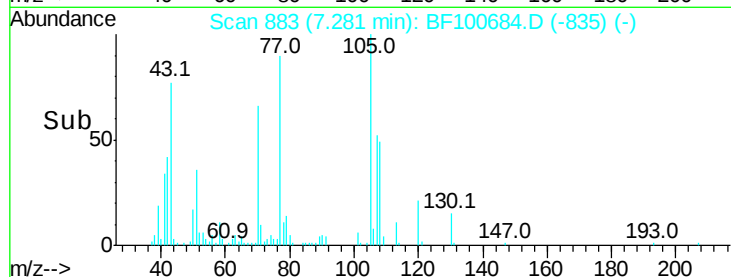
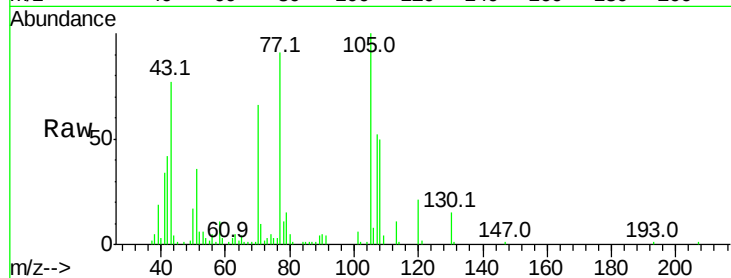
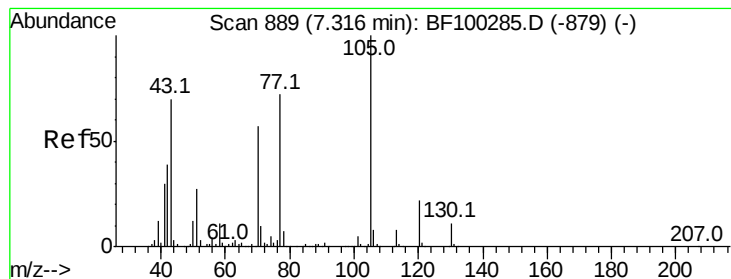
#18
Hexachloroethane
Concen: 7.508 ng
RT: 7.39 min Scan# 902
Delta R.T. -0.01 min
Lab File: BF100684.D
Acq: 17 Nov 2017 20:10

Tgt Ion:	117	Resp:	17862
Ion Ratio	Lower	Upper	
117	100		
119	96.9	75.8	113.8
201	92.5	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: 6.811 ng

RT: 7.28 min Scan# 883

Delta R.T. -0.02 min

Lab File: BF100684.D

Acq: 17 Nov 2017 20:10

Instrument :

BNA_F

ClientSampleId :

SU-01-111417MSD

Tot Ion: 70 Resp: 34045

Ion Ratio Lower Upper

70 100

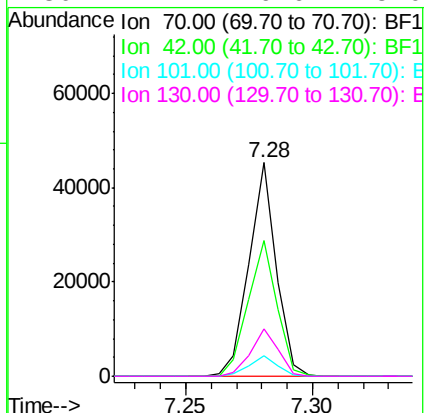
42 63.4 47.5 71.3

101 9.4 7.4 11.2

130 22.2 16.6 25.0

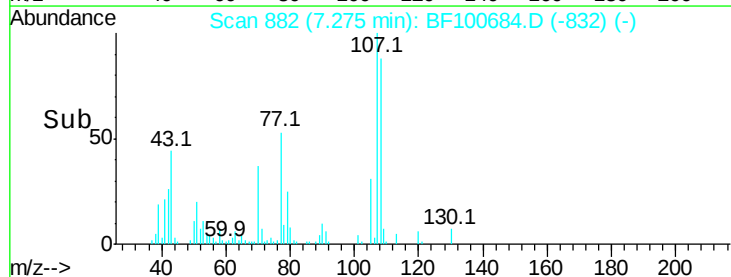
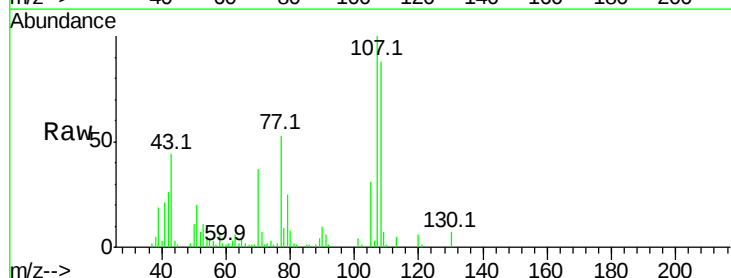
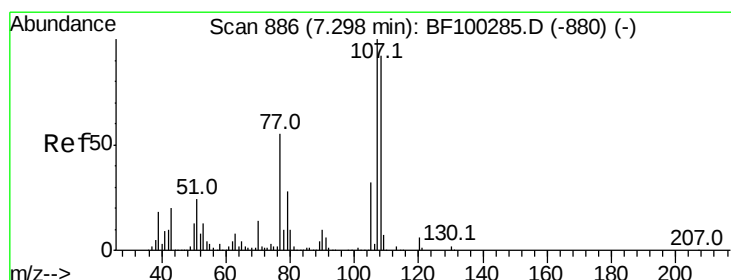
Manual Integrations
APPROVED

SOHIL
11/20/2017 2:51:17 PM



SOHIL

11/20/2017 2:51:17 PM



#20

3+4-Methylphenols

Concen: 8.284 ng

RT: 7.27 min Scan# 882

Delta R.T. -0.01 min

Lab File: BF100684.D

Acq: 17 Nov 2017 20:10

Tgt Ion: 107 Resp: 55395

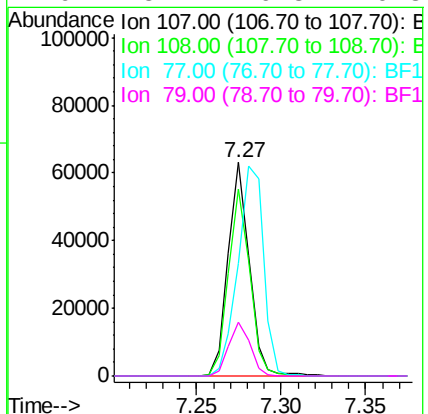
Ion Ratio Lower Upper

107 100

108 87.7 68.2 108.2

77 52.6 26.7 66.7

79 25.2 6.3 46.3





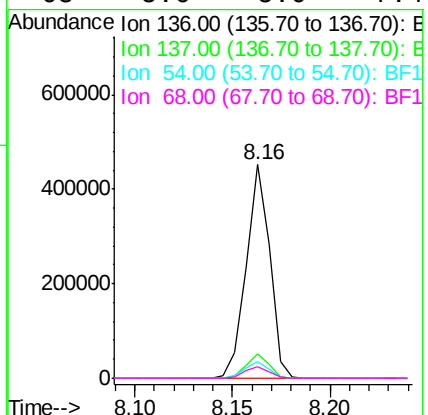
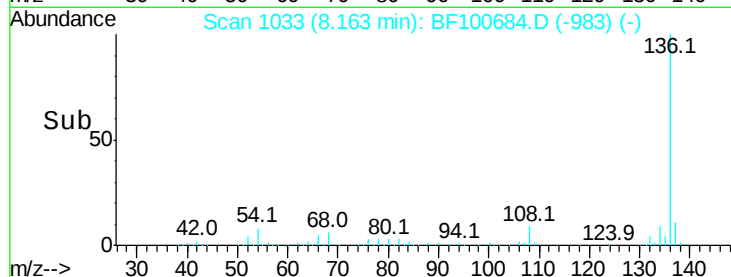
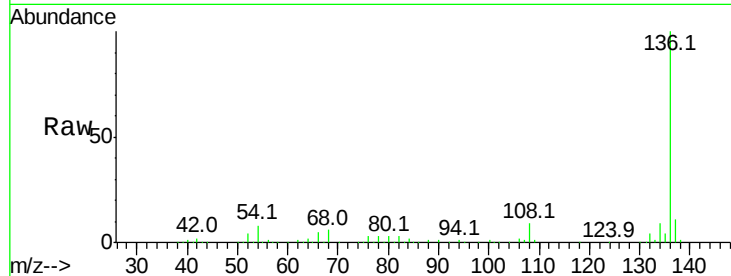
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.16 min Scan# 1033
Delta R.T. -0.01 min
Lab File: BF100684.D
Acq: 17 Nov 2017 20:10

Instrument :
BNA_F
ClientSampleId :
SU-01-111417MSD

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	11.5	8.9	13.3	
54	8.1	6.6	9.8	
68	5.6	5.0	7.4	

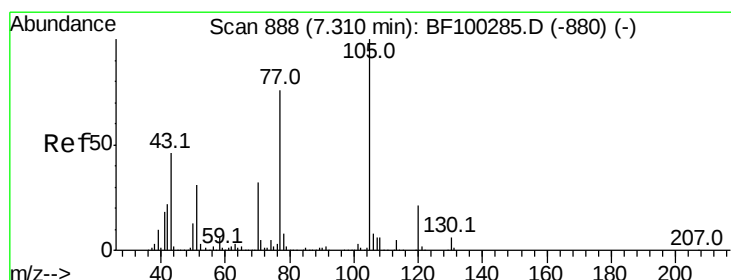
Manual Integrations
APPROVED

SOHIL
11/20/2017 2:51:17 PM



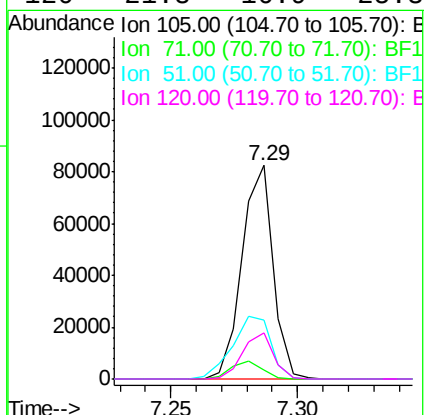
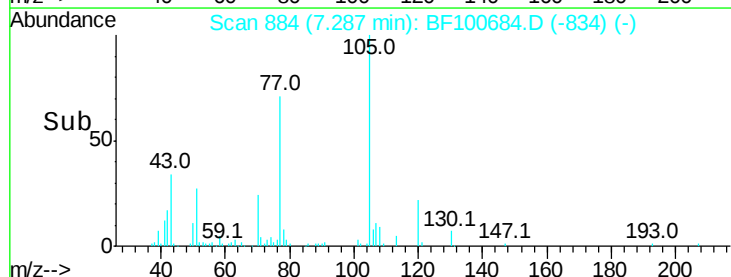
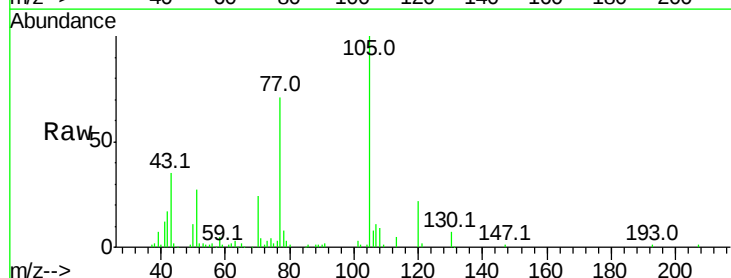
SOHIL

11/20/2017 2:51:17 PM



#22
Acetophenone
Concen: 7.605 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.01 min
Lab File: BF100684.D
Acq: 17 Nov 2017 20:10

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	4.2	4.4	6.6#	
51	27.4	22.3	33.5	
120	21.8	16.9	25.3	





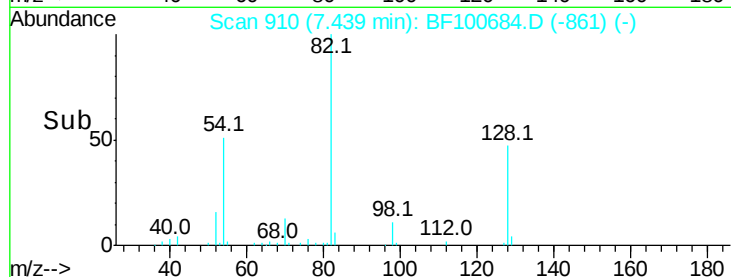
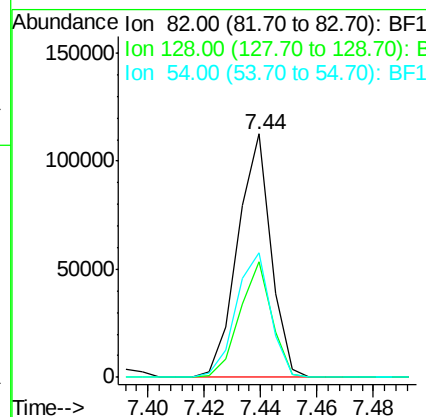
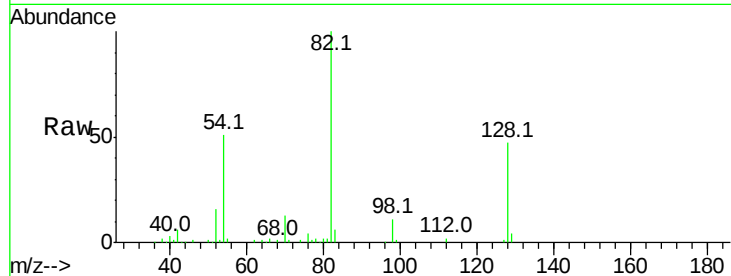
#23
Nitrobenzene-d5
Concen: 16.086 ng
RT: 7.44 min Scan# 910
Delta R.T. -0.01 min
Lab File: BF100684.D
Acq: 17 Nov 2017 20:10

Instrument :
BNA_F
ClientSampleId :
SU-01-111417MSD

Tot Ion	Ratio	Lower	Upper
82	100		
128	47.4	36.1	54.1
54	51.3	41.4	62.2

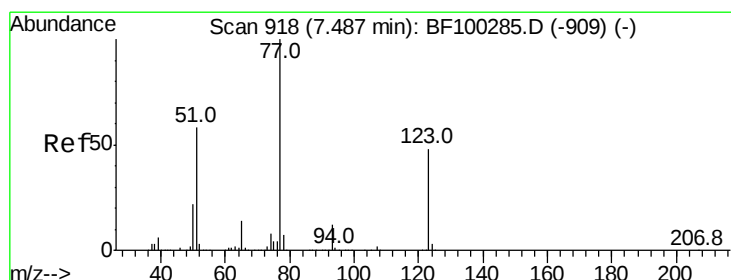
Manual Integrations
APPROVED

SOHIL
11/20/2017 2:51:17 PM



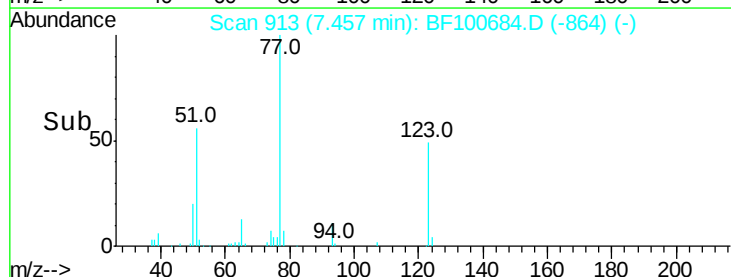
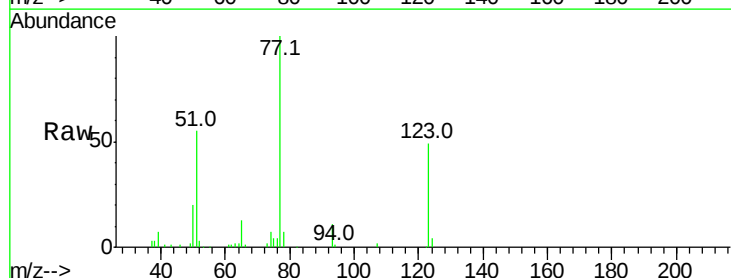
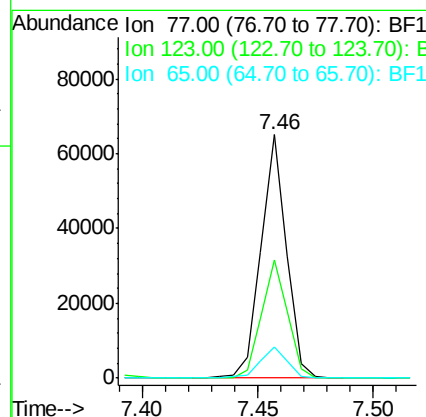
SOHIL

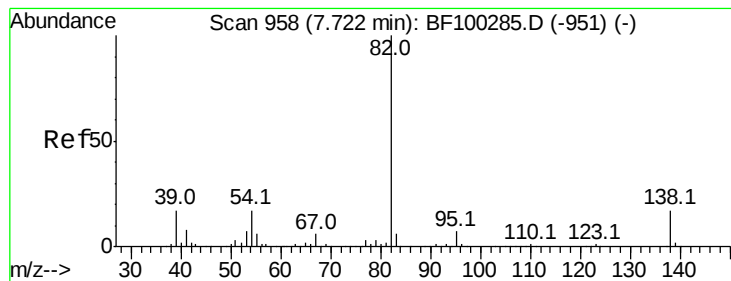
11/20/2017 2:51:17 PM



#24
Nitrobenzene
Concen: 8.539 ng
RT: 7.46 min Scan# 913
Delta R.T. -0.01 min
Lab File: BF100684.D
Acq: 17 Nov 2017 20:10

Tgt Ion	Ratio	Lower	Upper
77	100		
123	48.8	37.9	56.9
65	12.7	11.0	16.4





#25

Isophorone

Concen: 7.434 ng

RT: 7.69 min Scan# 953

Delta R.T. -0.01 min

Lab File: BF100684.D

Acq: 17 Nov 2017 20:10

Instrument :

BNA_F

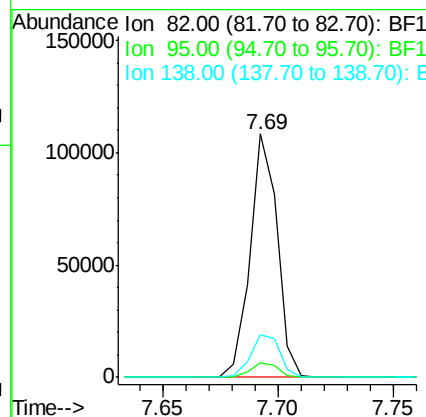
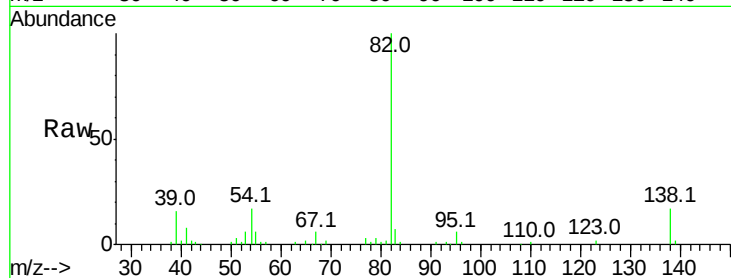
ClientSampleId :

SU-01-111417MSD

Tot Ion:	82	Resp:	89199
Ion Ratio	Lower	Upper	
82	100		
95	6.1	5.2	7.8
138	17.4	14.9	22.3

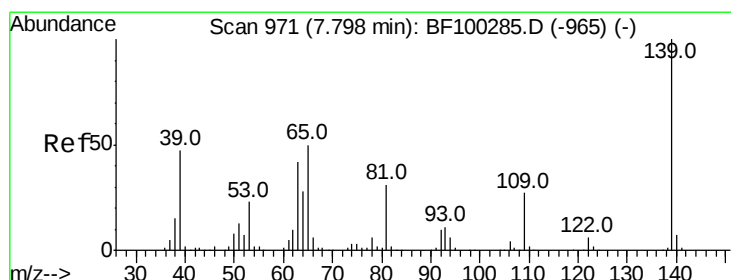
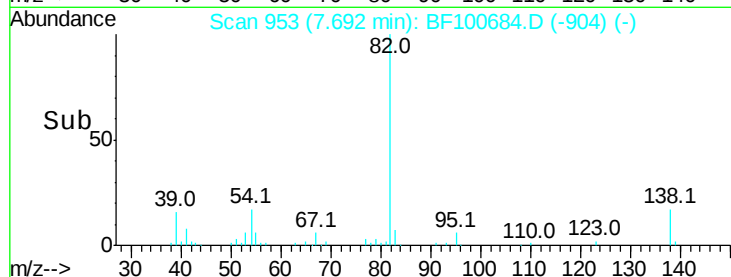
Manual Integrations
APPROVED

SOHIL
11/20/2017 2:51:17 PM



SOHIL

11/20/2017 2:51:17 PM



#26

2-Nitrophenol

Concen: 13.937 ng

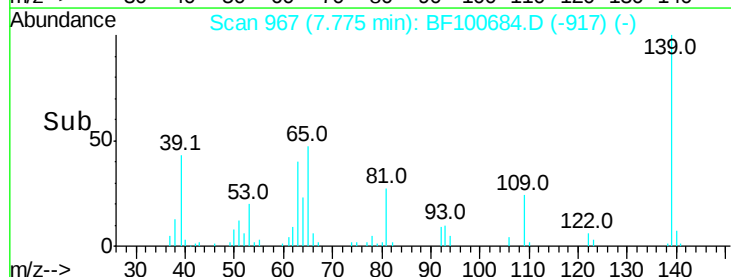
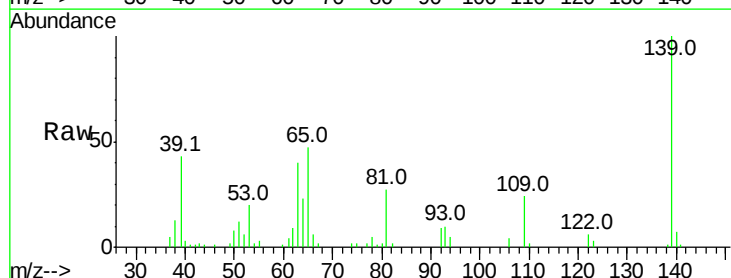
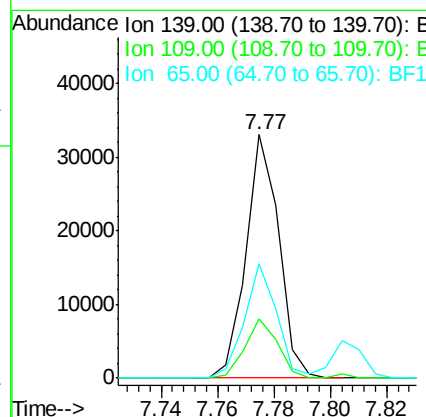
RT: 7.77 min Scan# 967

Delta R.T. -0.01 min

Lab File: BF100684.D

Acq: 17 Nov 2017 20:10

Tgt Ion:	139	Resp:	26557
Ion Ratio	Lower	Upper	
139	100		
109	24.1	22.7	34.1
65	47.1	40.5	60.7





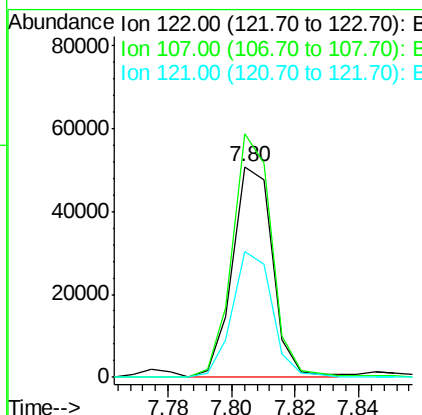
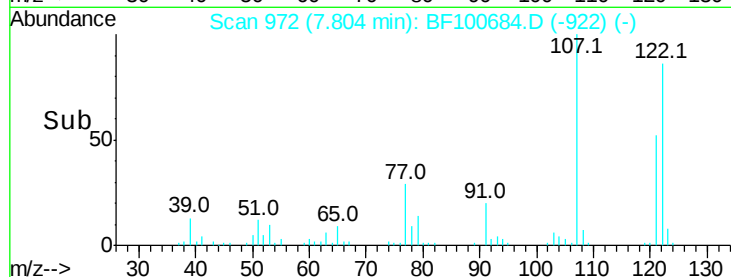
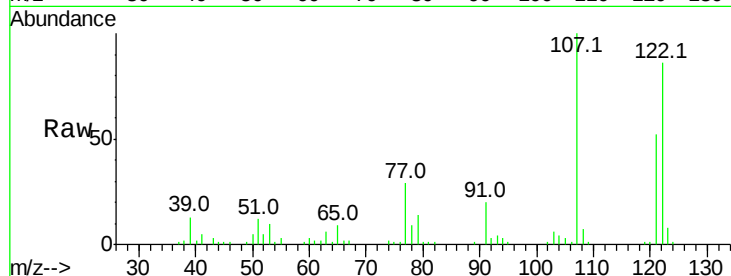
#27
2,4-Dimethylphenol
Concen: 8.298 ng
RT: 7.80 min Scan# 972
Delta R.T. -0.01 min
Lab File: BF100684.D
Acq: 17 Nov 2017 20:10

Instrument :
BNA_F
ClientSampleId :
SU-01-111417MSD

Tot Ion	Ratio	Lower	Upper
122	100		
107	115.6	91.2	136.8
121	59.7	47.2	70.8

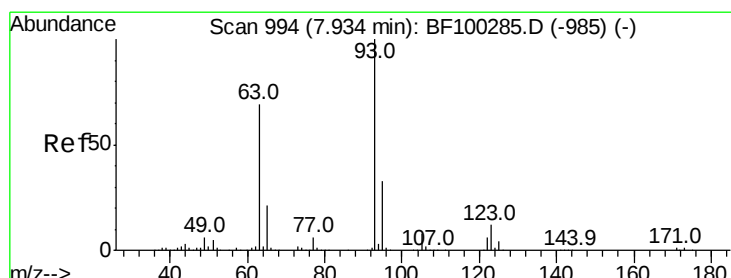
Manual Integrations
APPROVED

SOHIL
11/20/2017 2:51:17 PM



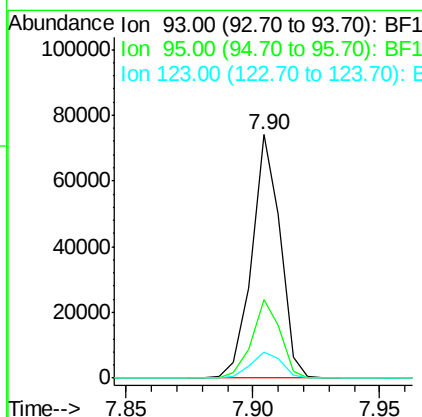
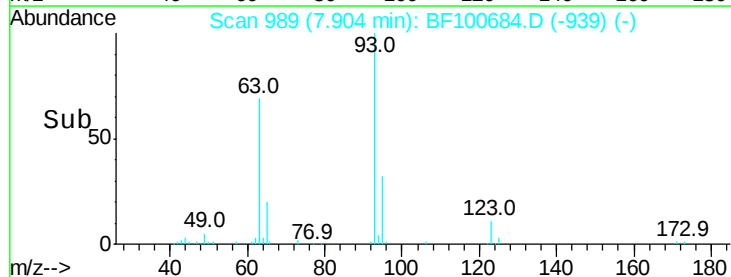
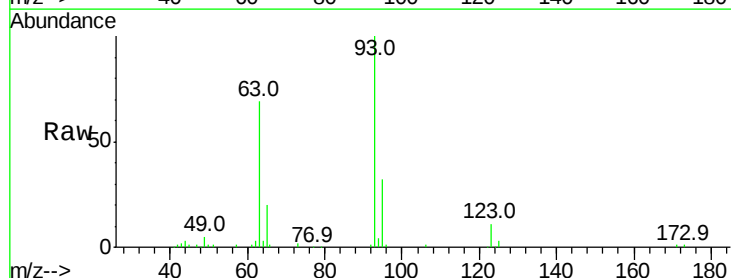
SOHIL

11/20/2017 2:51:17 PM



#28
bis(2-Chloroethoxy)methane
Concen: 7.341 ng
RT: 7.90 min Scan# 989
Delta R.T. -0.01 min
Lab File: BF100684.D
Acq: 17 Nov 2017 20:10

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.5	26.3	39.5
123	10.8	9.8	14.6





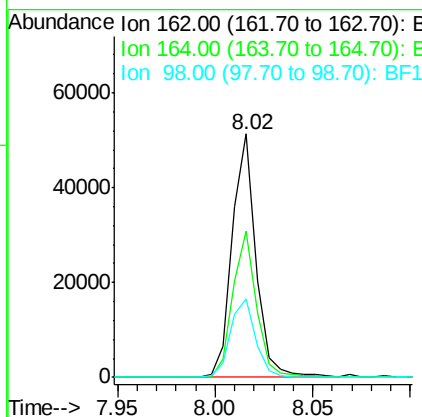
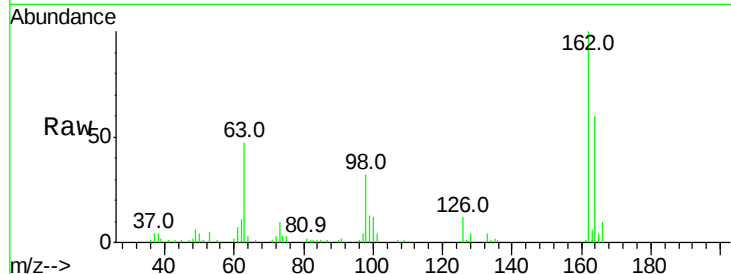
#29
2,4-Dichlorophenol
Concen: 8.475 ng
RT: 8.02 min Scan# 1008
Delta R.T. -0.01 min
Lab File: BF100684.D
Acq: 17 Nov 2017 20:10

Instrument :
BNA_F
ClientSampleId :
SU-01-111417MSD

Tot Ion	Ratio	Lower	Upper
162	100		
164	59.8	42.7	82.7
98	32.4	18.1	58.1

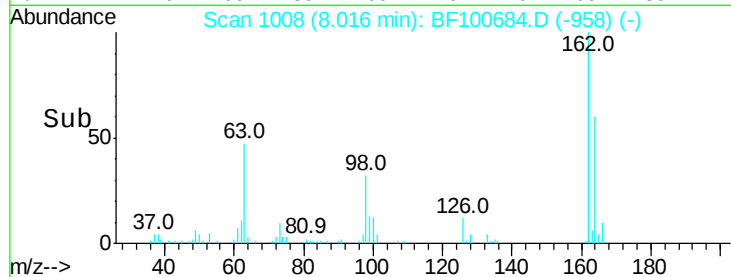
Manual Integrations
APPROVED

SOHIL
11/20/2017 2:51:17 PM



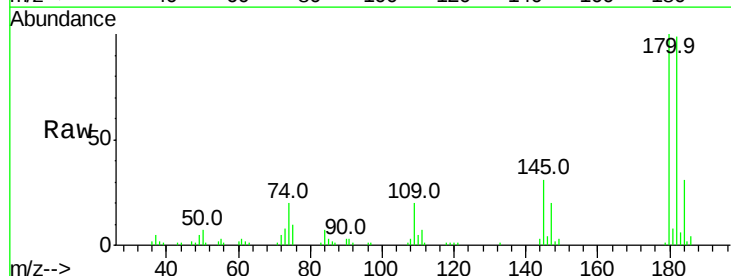
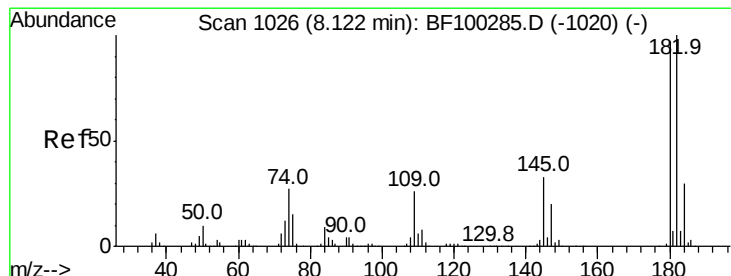
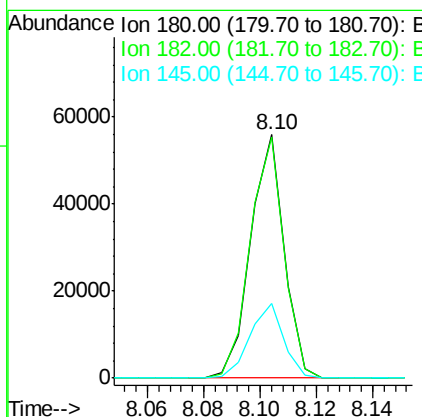
SOHIL

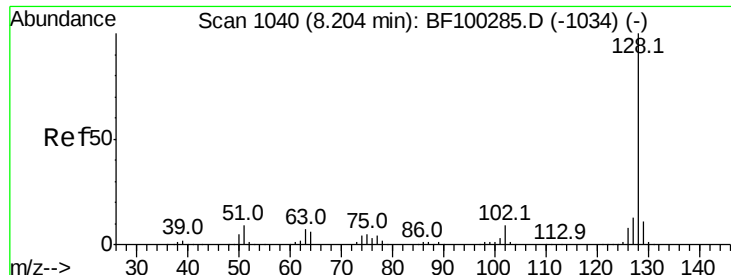
11/20/2017 2:51:17 PM



#30
1,2,4-Trichlorobenzene
Concen: 8.296 ng
RT: 8.10 min Scan# 1023
Delta R.T. -0.00 min
Lab File: BF100684.D
Acq: 17 Nov 2017 20:10

Tgt Ion	Ratio	Lower	Upper
180	100		
182	98.8	76.8	115.2
145	30.8	26.5	39.7





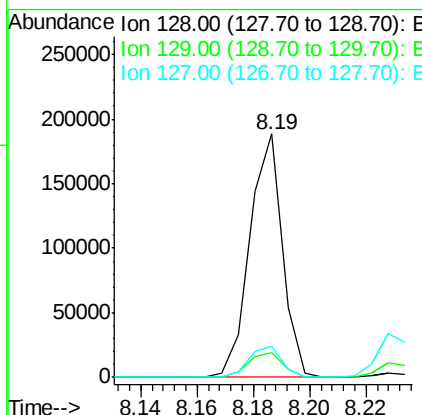
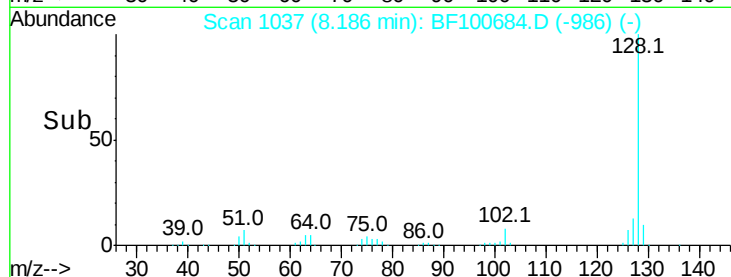
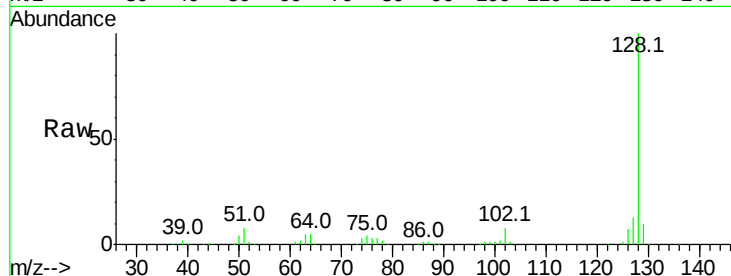
#31
Naphthalene
Concen: 8.291 ng
RT: 8.19 min Scan# 1037
Delta R.T. -0.00 min
Lab File: BF100684.D
Acq: 17 Nov 2017 20:10

Instrument :
BNA_F
ClientSampleId :
SU-01-111417MSD

Tot Ion	Ratio	Resp	Lower	Upper
128	100	150739		
129	10.1	8.8	13.2	
127	12.7	10.9	16.3	

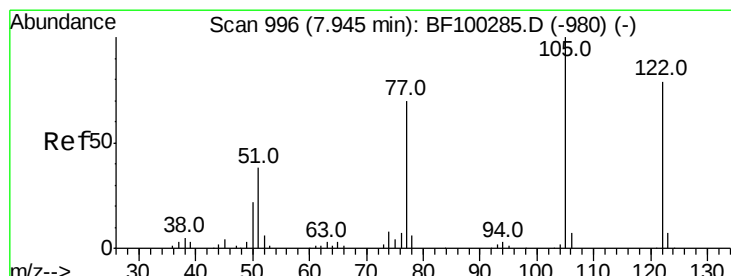
Manual Integrations
APPROVED

SOHIL
11/20/2017 2:51:17 PM



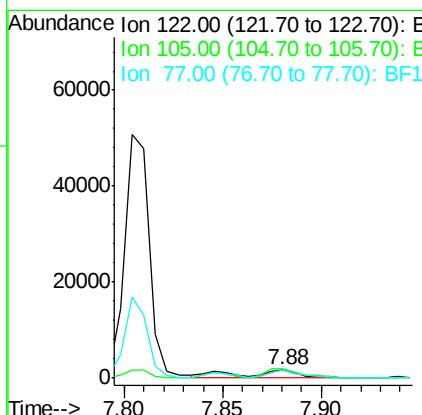
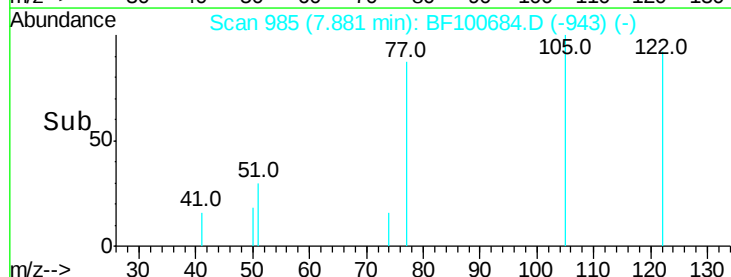
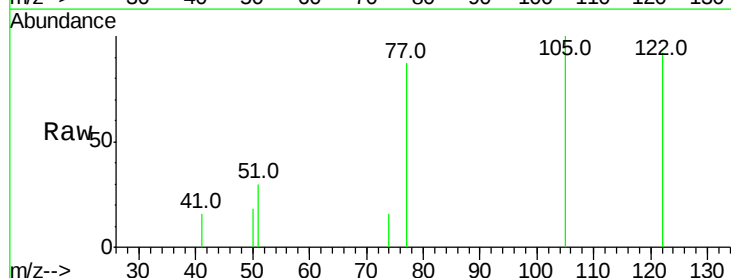
SOHIL

11/20/2017 2:51:17 PM



#32
Benzoic acid
Concen: 10.084 ng m
RT: 7.88 min Scan# 985
Delta R.T. -0.05 min
Lab File: BF100684.D
Acq: 17 Nov 2017 20:10

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	3649		
105	109.1	101.1	141.1	
77	94.5	70.7	110.7	





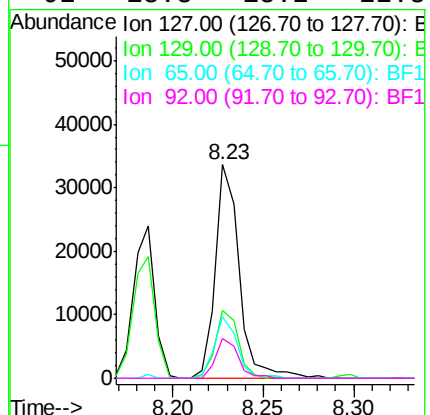
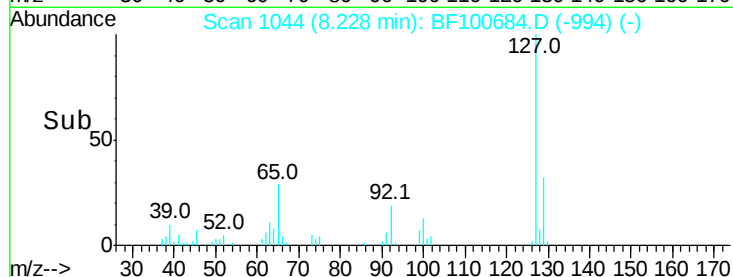
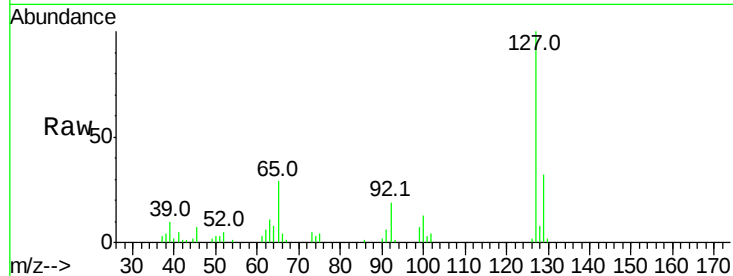
#33
4-Chloroaniline
Concen: 4.097 ng
RT: 8.23 min Scan# 1044
Delta R.T. -0.01 min
Lab File: BF100684.D
Acq: 17 Nov 2017 20:10

Instrument :
BNA_F
ClientSampleId :
SU-01-111417MSD

Tot Ion:	127	Resp:	31007
Ion Ratio	Lower	Upper	
127	100		
129	32.0	25.9	38.9
65	28.8	25.0	37.4
92	18.8	15.2	22.8

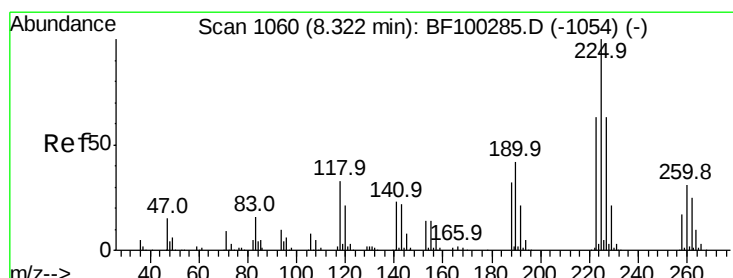
Manual Integrations
APPROVED

SOHIL
11/20/2017 2:51:17 PM



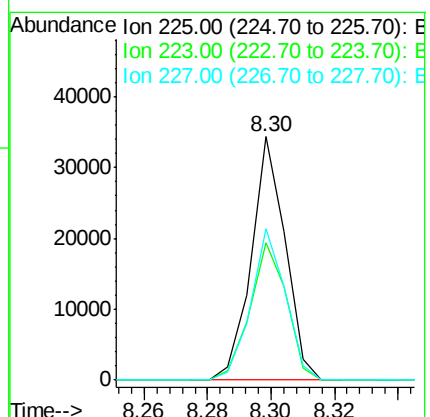
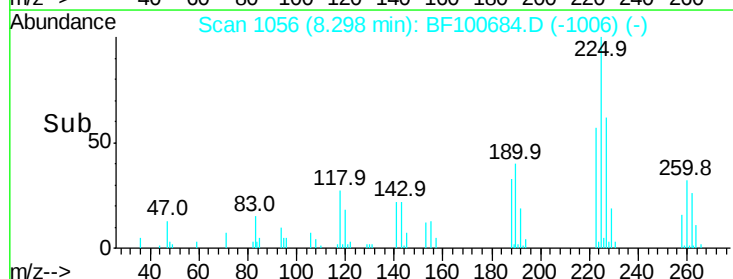
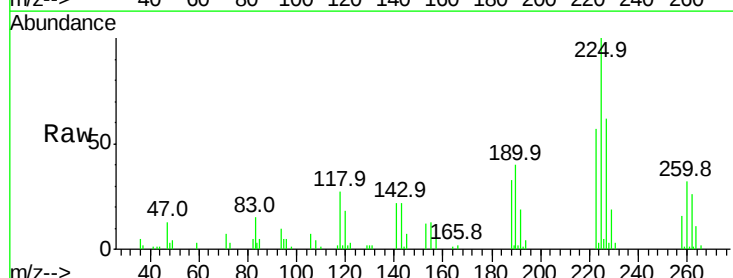
SOHIL

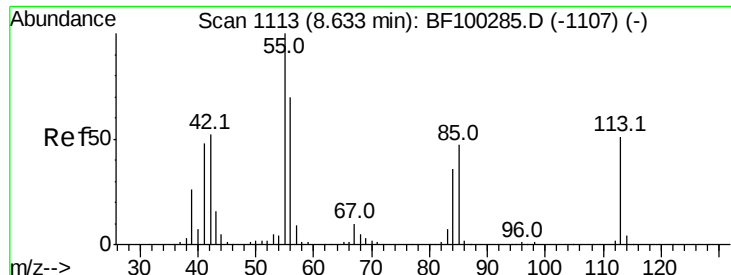
11/20/2017 2:51:17 PM



#34
Hexachlorobutadiene
Concen: 7.721 ng
RT: 8.30 min Scan# 1056
Delta R.T. -0.01 min
Lab File: BF100684.D
Acq: 17 Nov 2017 20:10

Tgt Ion:	225	Resp:	25497
Ion Ratio	Lower	Upper	
225	100		
223	56.5	50.6	76.0
227	62.0	51.9	77.9





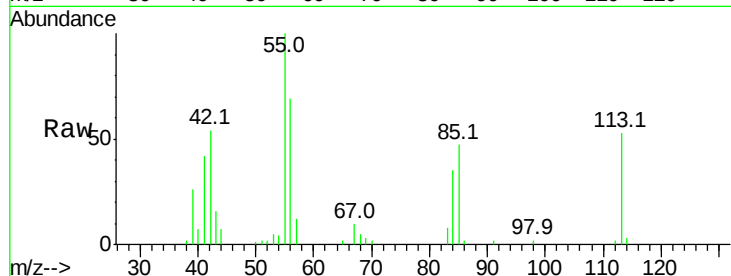
#35
 Caprolactam
 Concen: 6.771 ng
 RT: 8.56 min Scan# 1101
 Delta R.T. -0.05 min
 Lab File: BF100684.D
 Acq: 17 Nov 2017 20:10

Instrument :
 BNA_F
 ClientSampleId :
 SU-01-111417MSD

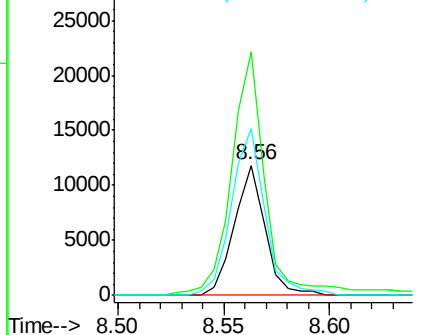
Tot Ion	Ion	Ratio	Resp	Lower	Upper
113	100				
55	187.6	163.3	203.3		
56	128.9	115.7	155.7		

Manual Integrations
 APPROVED

SOHIL
 11/20/2017 2:51:17 PM

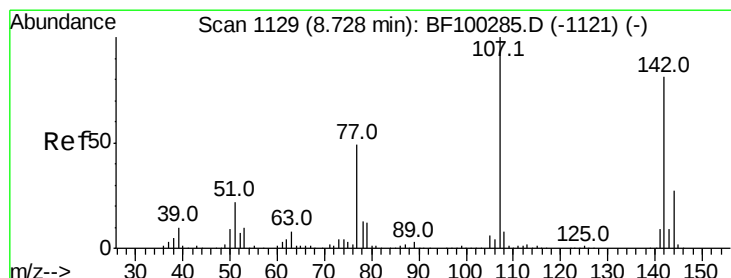
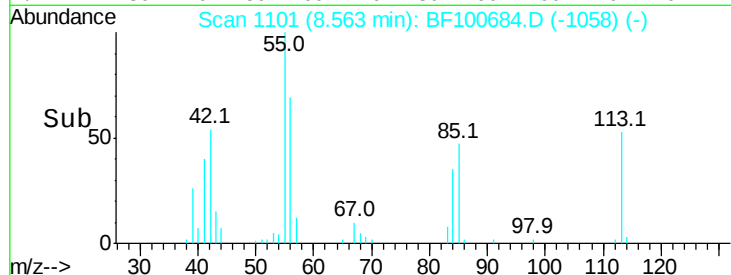


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF1
 Ion 56.00 (55.70 to 56.70): BF1



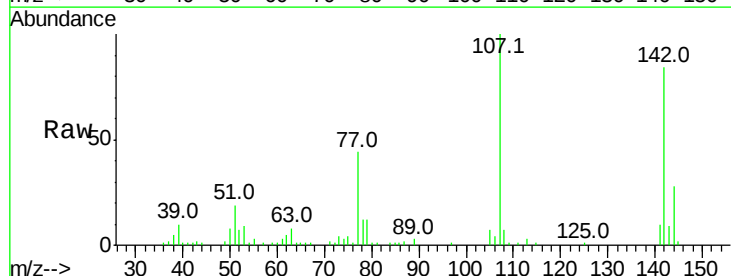
SOHIL

11/20/2017 2:51:17 PM

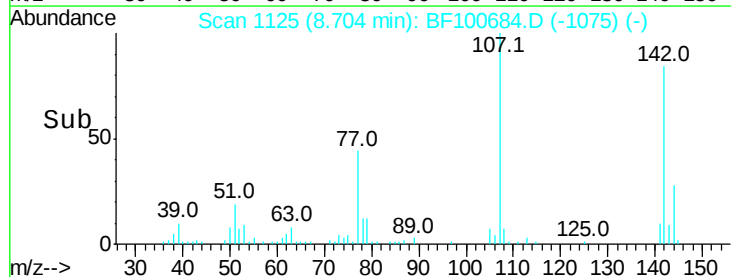
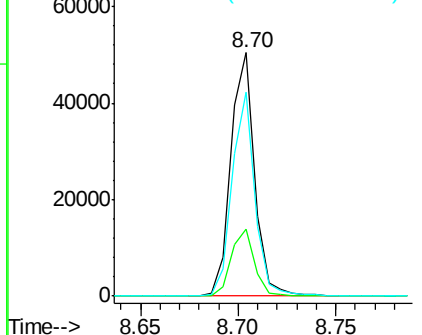


#36
 4-Chloro-3-methylphenol
 Concen: 7.737 ng
 RT: 8.70 min Scan# 1125
 Delta R.T. -0.01 min
 Lab File: BF100684.D
 Acq: 17 Nov 2017 20:10

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100				
144	27.6	20.5	30.7		
142	83.8	62.0	93.0		



Abundance Ion 107.00 (106.70 to 107.70): E
 Ion 144.00 (143.70 to 144.70): E
 Ion 142.00 (141.70 to 142.70): E





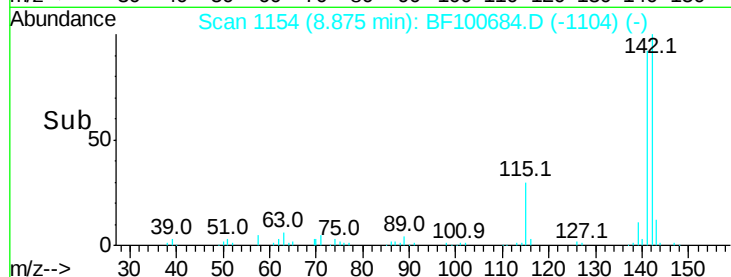
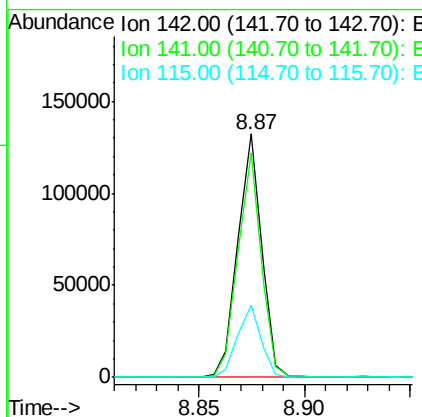
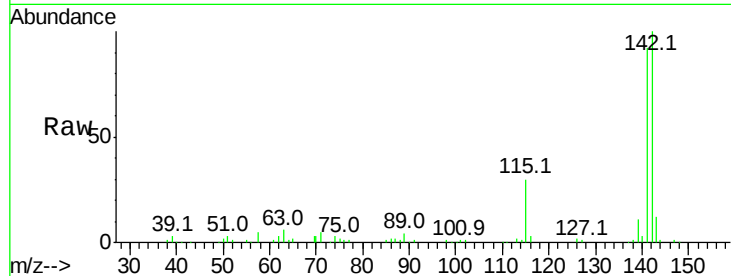
#37
2-Methylnaphthalene
Concen: 8.534 ng
RT: 8.87 min Scan# 1154
Delta R.T. -0.01 min
Lab File: BF100684.D
Acq: 17 Nov 2017 20:10

Instrument :
BNA_F
ClientSampleId :
SU-01-111417MSD

Tot Ion:	142	Resp:	103017
Ion Ratio	Lower	Upper	
142	100		
141	92.4	70.8	106.2
115	29.7	26.1	39.1

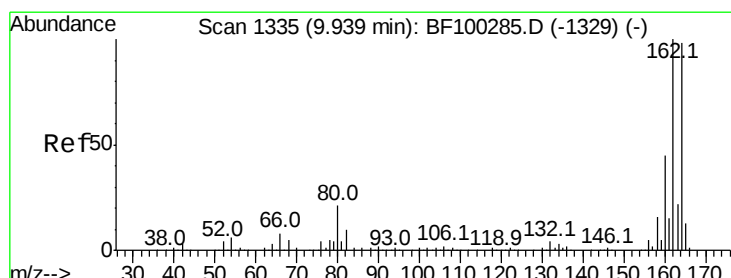
Manual Integrations
APPROVED

SOHIL
11/20/2017 2:51:17 PM



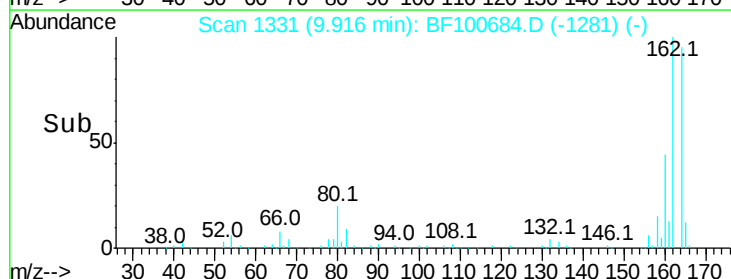
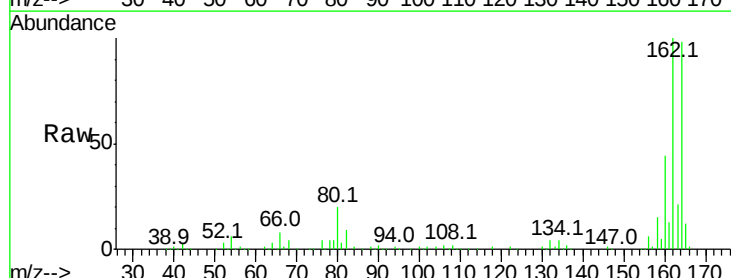
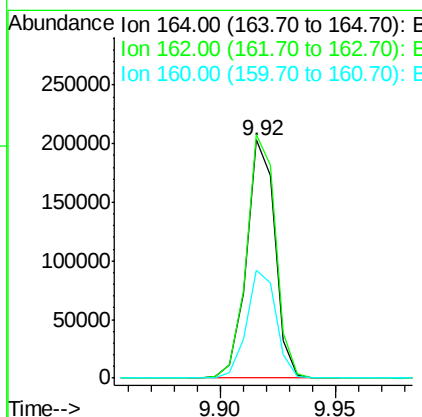
SOHIL

11/20/2017 2:51:17 PM



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.92 min Scan# 1331
Delta R.T. -0.01 min
Lab File: BF100684.D
Acq: 17 Nov 2017 20:10

Tgt Ion:	164	Resp:	175002
Ion Ratio	Lower	Upper	
164	100		
162	102.3	86.1	129.1
160	45.4	38.3	57.5





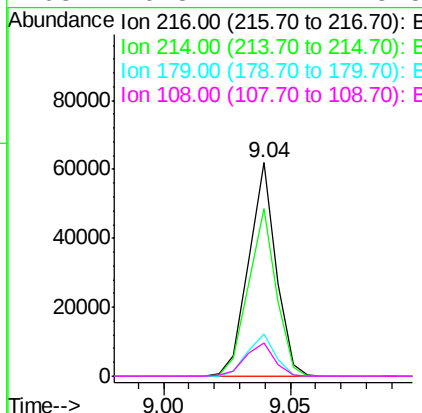
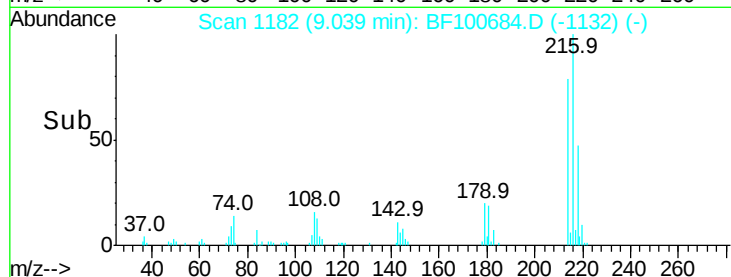
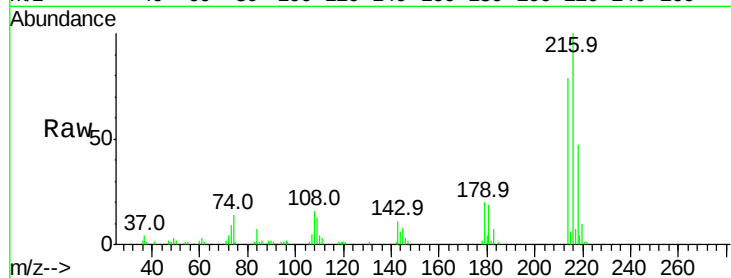
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 8.058 ng
 RT: 9.04 min Scan# 1182
 Delta R.T. -0.01 min
 Lab File: BF100684.D
 Acq: 17 Nov 2017 20:10

Instrument :
 BNA_F
 ClientSampleId :
 SU-01-111417MSD

Tot Ion	Ratio	Lower	Upper
216	100		
214	79.4	63.0	94.4
179	20.2	18.1	27.1
108	16.8	17.2	25.8#

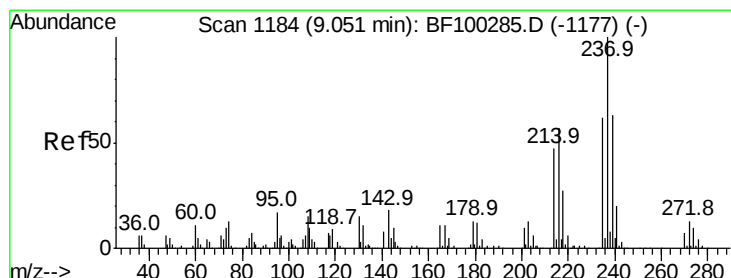
Manual Integrations
 APPROVED

SOHIL
 11/20/2017 2:51:17 PM



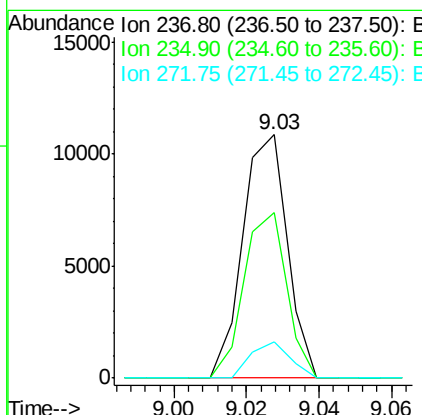
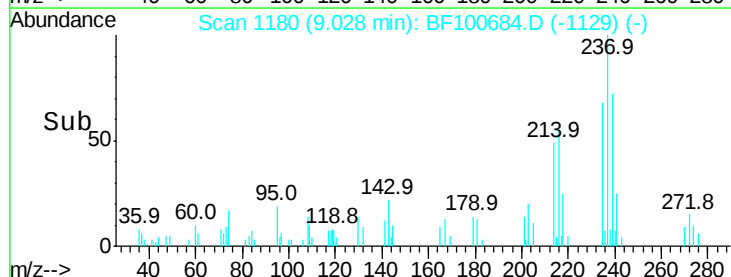
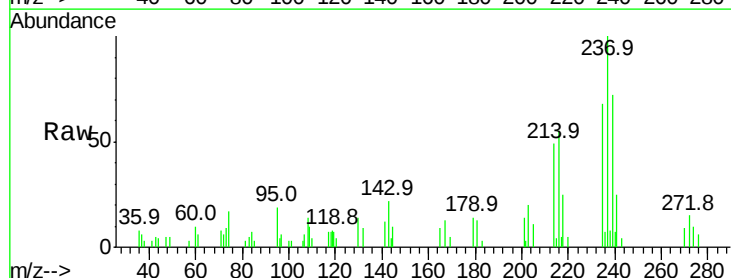
SOHIL

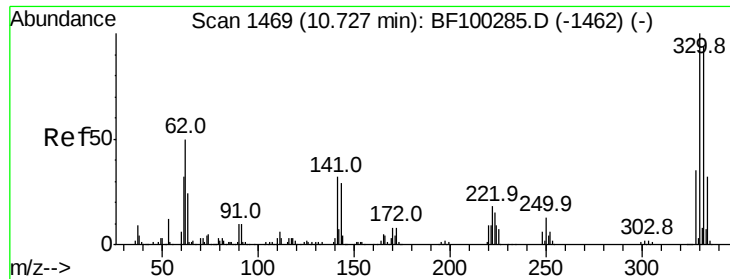
11/20/2017 2:51:17 PM



#40
 Hexachlorocyclopentadiene
 Concen: 3.384 ng
 RT: 9.03 min Scan# 1180
 Delta R.T. -0.00 min
 Lab File: BF100684.D
 Acq: 17 Nov 2017 20:10

Tgt Ion	Ratio	Lower	Upper
237	100		
235	67.9	44.8	84.8
272	15.0	0.0	33.3





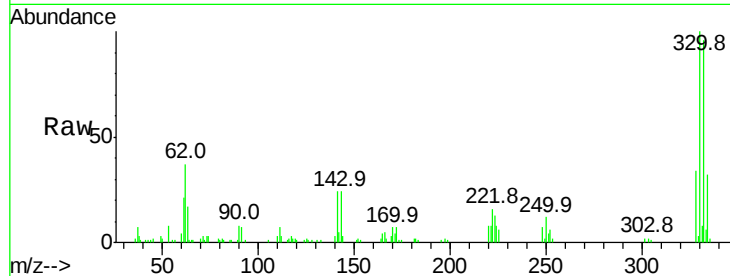
#41
 2,4,6-Tribromophenol
 Concen: 21.900 ng
 RT: 10.70 min Scan# 1465
 Delta R.T. -0.01 min
 Lab File: BF100684.D
 Acq: 17 Nov 2017 20:10

Instrument :
 BNA_F
 ClientSampleId :
 SU-01-111417MSD

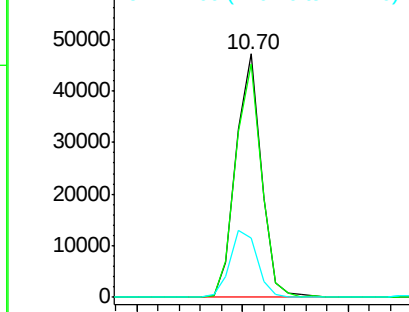
Tot Ion	Ratio	Lower	Upper
330	100		
332	97.0	77.0	115.6
141	29.3	29.9	44.9#

Manual Integrations
 APPROVED

SOHIL
 11/20/2017 2:51:17 PM

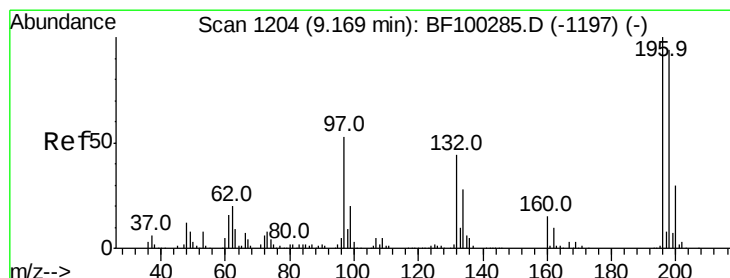
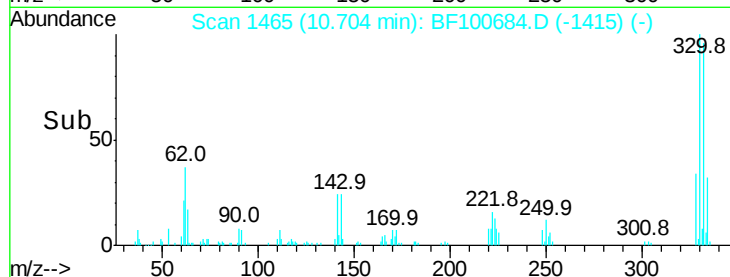


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E



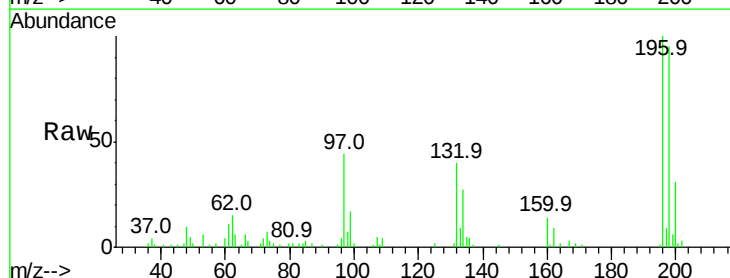
SOHIL

11/20/2017 2:51:17 PM

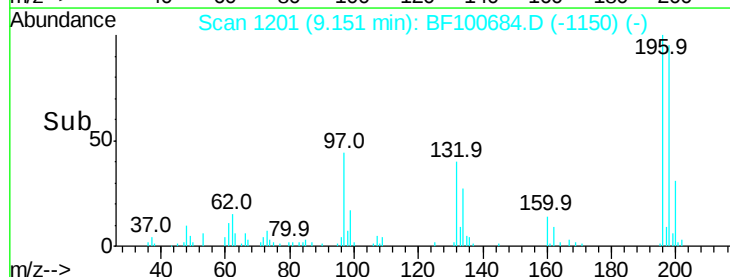
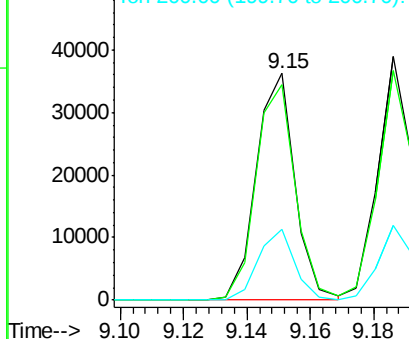


#42
 2,4,6-Trichlorophenol
 Concen: 8.348 ng
 RT: 9.15 min Scan# 1201
 Delta R.T. -0.00 min
 Lab File: BF100684.D
 Acq: 17 Nov 2017 20:10

Tgt Ion	Ratio	Lower	Upper
196	100		
198	95.1	75.7	113.5
200	31.2	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





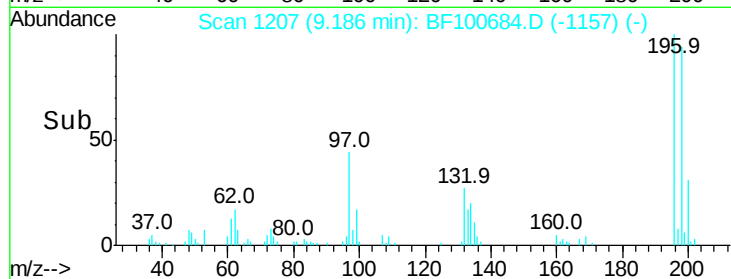
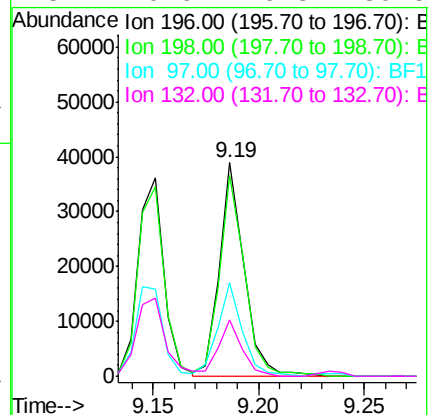
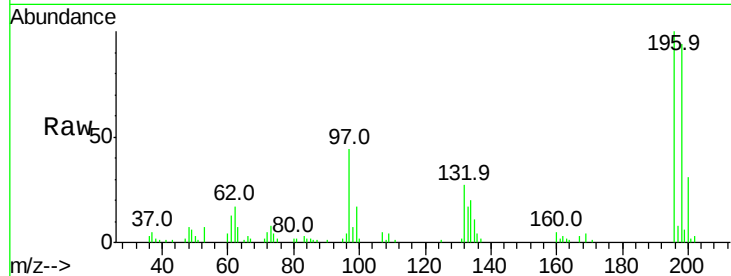
#43
 2,4,5-Trichlorophenol
 Concen: 8.379 ng
 RT: 9.19 min Scan# 1207
 Delta R.T. -0.01 min
 Lab File: BF100684.D
 Acq: 17 Nov 2017 20:10

Instrument :
 BNA_F
 ClientSampleId :
 SU-01-111417MSD

Tot Ion	196	Resp	31935
Ion Ratio	Lower	Upper	
196	100		
198	94.2	74.6	112.0
97	43.5	42.9	64.3
132	26.6	26.3	39.5

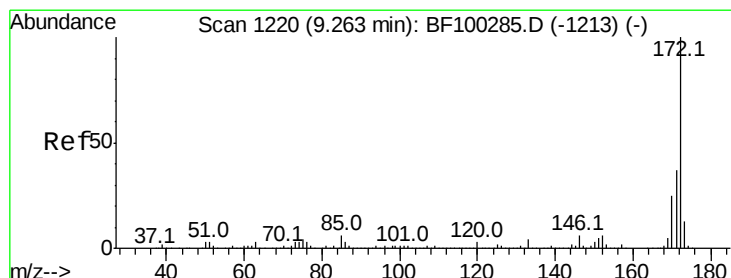
Manual Integrations
 APPROVED

SOHIL
 11/20/2017 2:51:17 PM



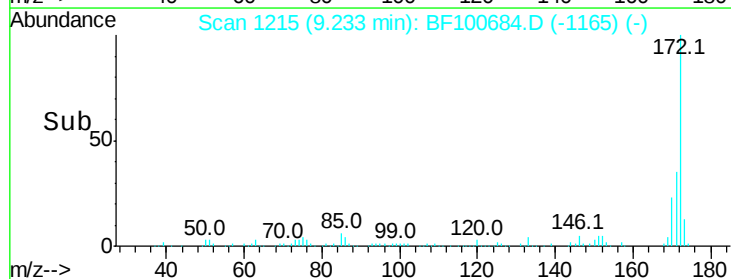
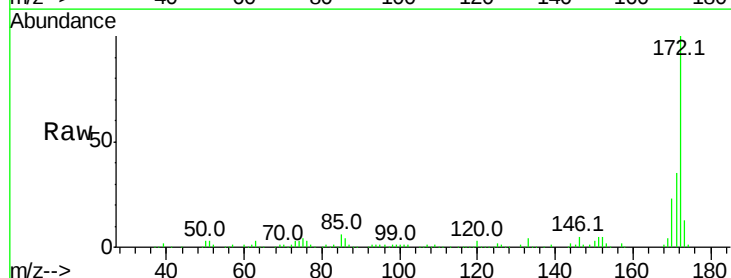
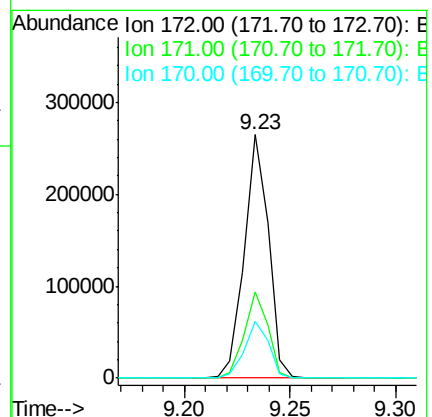
SOHIL

11/20/2017 2:51:17 PM



#44
 2-Fluorobiphenyl
 Concen: 18.158 ng
 RT: 9.23 min Scan# 1215
 Delta R.T. -0.01 min
 Lab File: BF100684.D
 Acq: 17 Nov 2017 20:10

Tgt Ion	172	Resp	208685
Ion Ratio	Lower	Upper	
172	100		
171	35.5	29.7	44.5
170	23.2	19.6	29.4





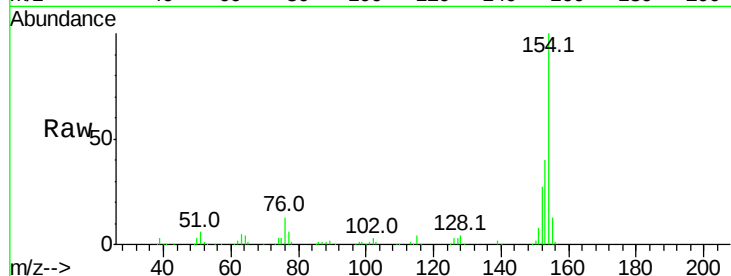
#45
 1,1'-Biphenyl
 Concen: 8.115 ng
 RT: 9.33 min Scan# 1232
 Delta R.T. -0.01 min
 Lab File: BF100684.D
 Acq: 17 Nov 2017 20:10

Instrument :
 BNA_F
 ClientSampleId :
 SU-01-111417MSD

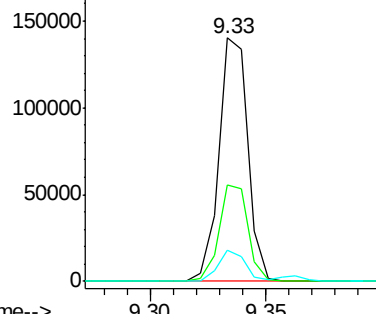
Tot Ion	Ratio	Resp	Lower	Upper
154	100			
153	39.5	21.3	61.3	
76	12.6	0.0	34.0	

Manual Integrations
 APPROVED

SOHIL
 11/20/2017 2:51:17 PM

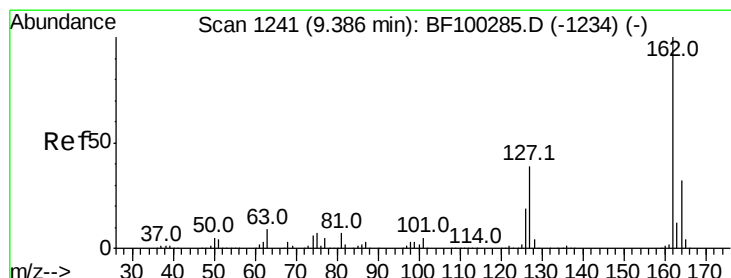
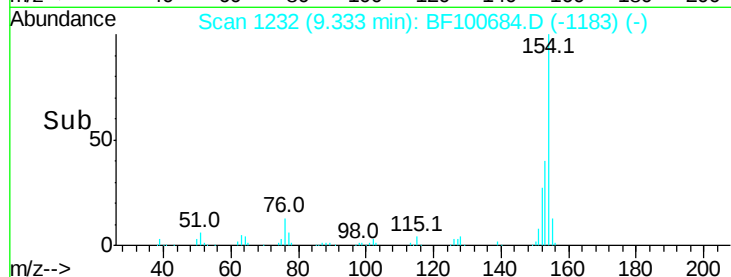


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF1



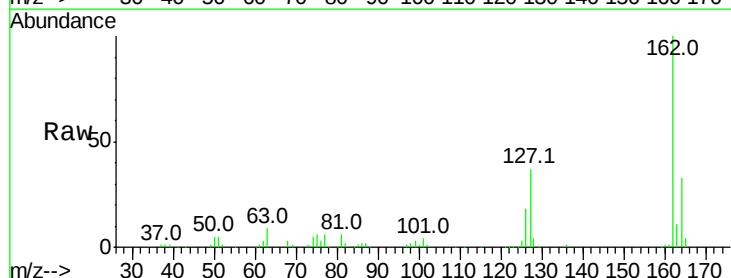
SOHIL

11/20/2017 2:51:17 PM

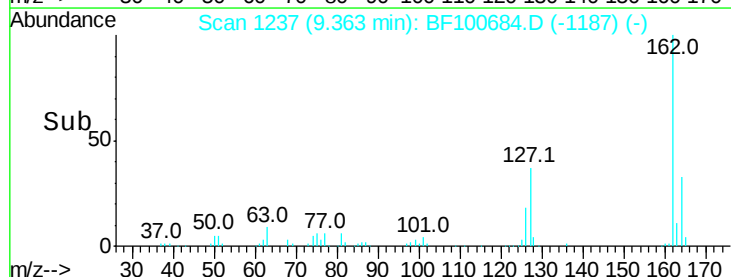
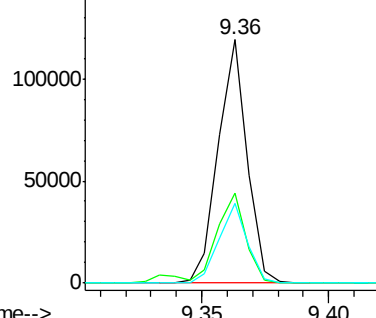


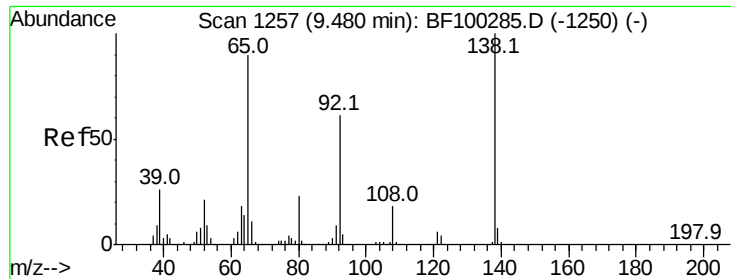
#46
 2-Chloronaphthalene
 Concen: 8.596 ng
 RT: 9.36 min Scan# 1237
 Delta R.T. -0.01 min
 Lab File: BF100684.D
 Acq: 17 Nov 2017 20:10

Tgt Ion	Ratio	Resp	Lower	Upper
162	100			
127	37.0	33.9	50.9	
164	32.8	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





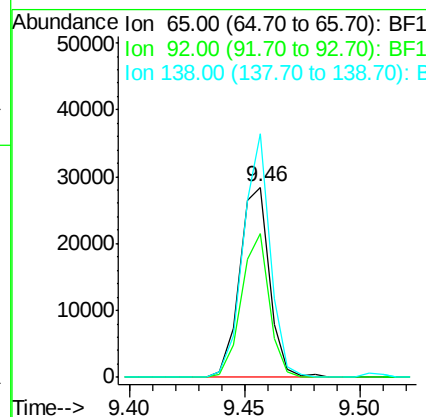
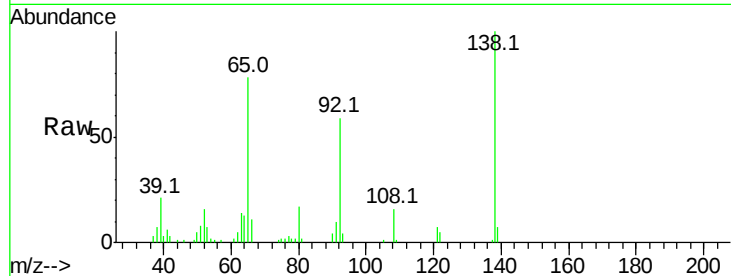
#47
2-Nitroaniline
Concen: 10.234 ng
RT: 9.46 min Scan# 1253
Delta R.T. -0.01 min
Lab File: BF100684.D
Acq: 17 Nov 2017 20:10

Instrument :
BNA_F
ClientSampleId :
SU-01-111417MSD

Tot Ion	Ratio	Lower	Upper
65	100		
92	75.4	55.8	83.6
138	128.0	91.2	136.8

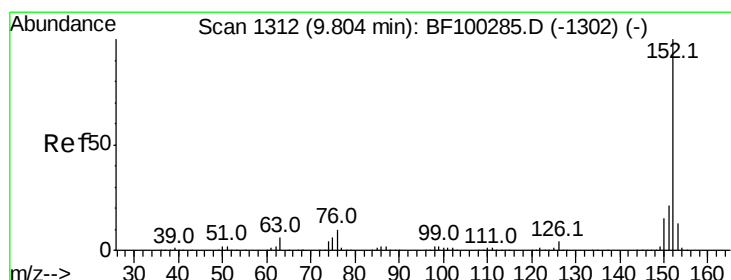
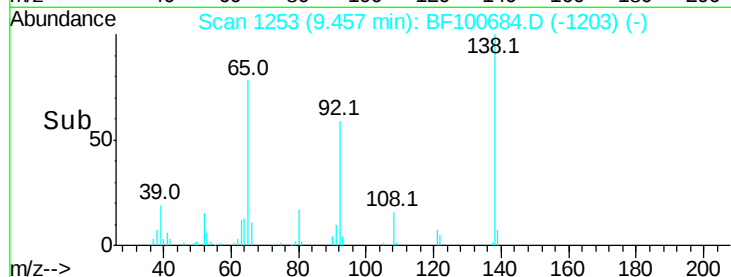
Manual Integrations
APPROVED

SOHIL
11/20/2017 2:51:17 PM



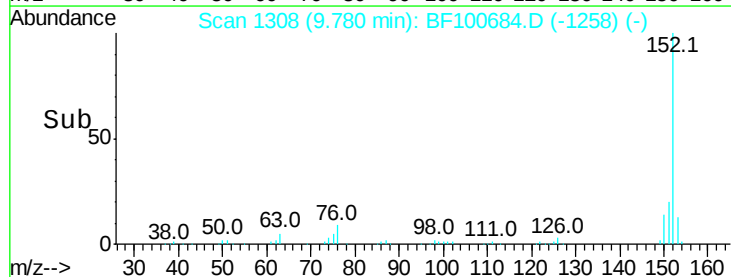
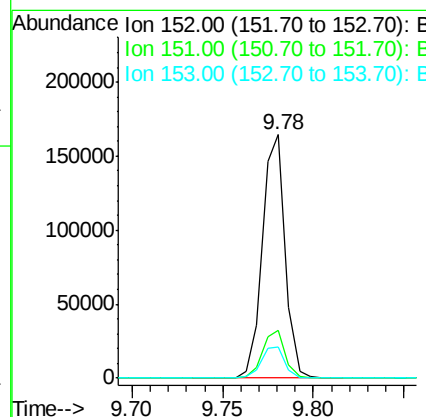
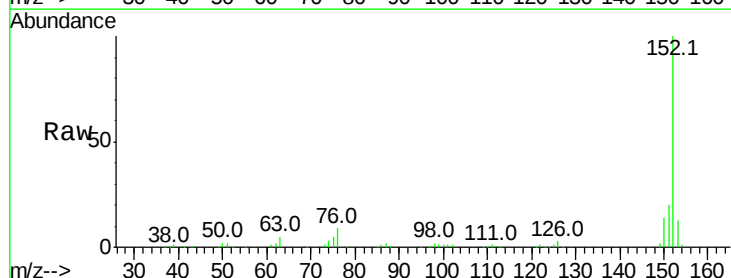
SOHIL

11/20/2017 2:51:17 PM



#48
Acenaphthylene
Concen: 7.885 ng
RT: 9.78 min Scan# 1308
Delta R.T. -0.01 min
Lab File: BF100684.D
Acq: 17 Nov 2017 20:10

Tgt Ion	Ratio	Lower	Upper
152	100		
151	19.7	16.3	24.5
153	12.9	10.7	16.1





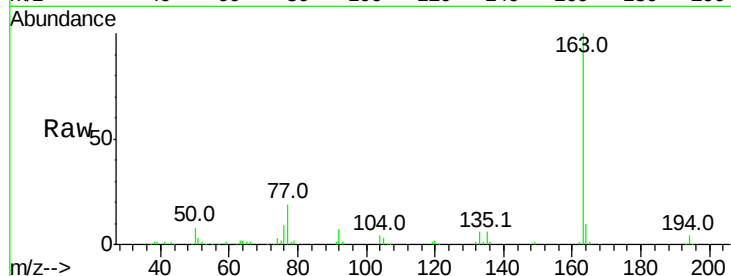
#49
Dimethylphthalate
Concen: 8.496 ng
RT: 9.63 min Scan# 1282
Delta R.T. -0.01 min
Lab File: BF100684.D
Acq: 17 Nov 2017 20:10

Instrument :
BNA_F
ClientSampleId :
SU-01-111417MSD

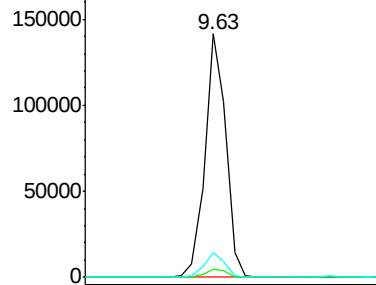
Tot Ion	Ratio	Resp	Lower	Upper
163	100	113521		
194	3.5	2.7	4.1	
164	10.2	8.2	12.2	

Manual Integrations
APPROVED

SOHIL
11/20/2017 2:51:17 PM

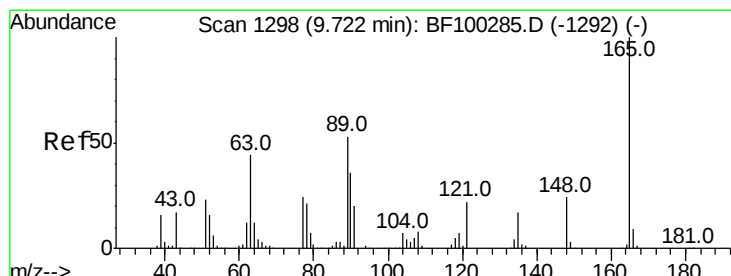
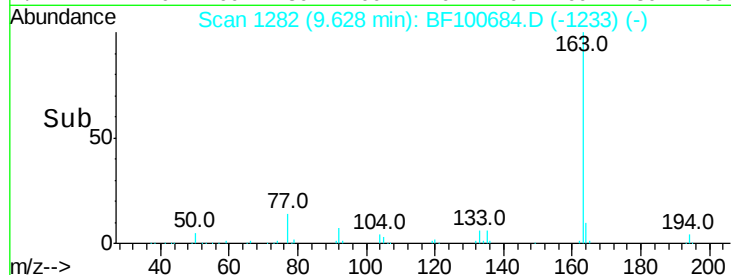


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E



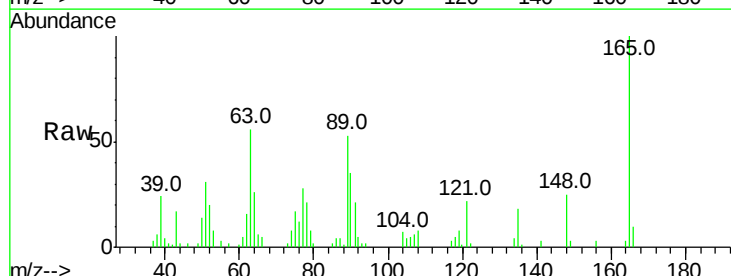
SOHIL

11/20/2017 2:51:17 PM

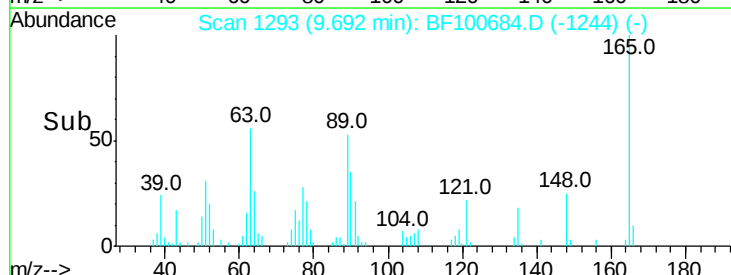
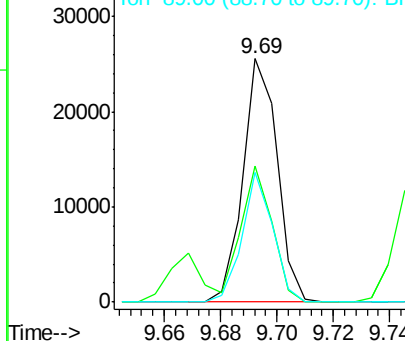


#50
2,6-Dinitrotoluene
Concen: 8.134 ng
RT: 9.69 min Scan# 1293
Delta R.T. -0.01 min
Lab File: BF100684.D
Acq: 17 Nov 2017 20:10

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	21513		
63	56.0	44.7	67.1	
89	53.0	44.0	66.0	



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1





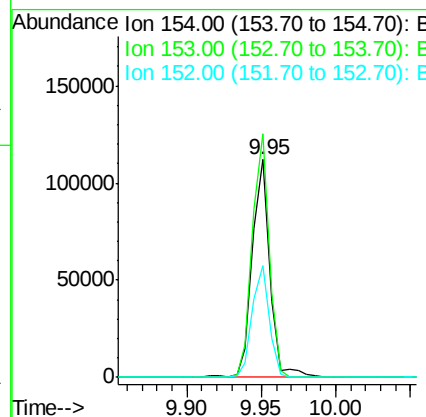
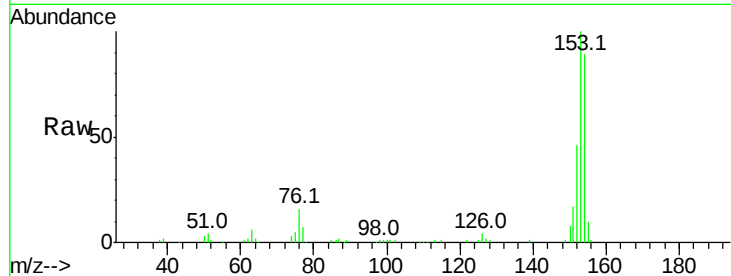
#51
Acenaphthene
Concen: 8.244 ng
RT: 9.95 min Scan# 1337
Delta R.T. -0.01 min
Lab File: BF100684.D
Acq: 17 Nov 2017 20:10

Instrument :
BNA_F
ClientSampleId :
SU-01-111417MSD

Tot Ion	Ratio	Lower	Upper
154	100		
153	112.0	91.2	136.8
152	51.2	43.8	65.8

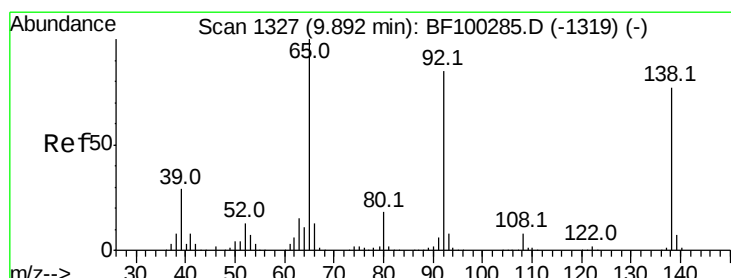
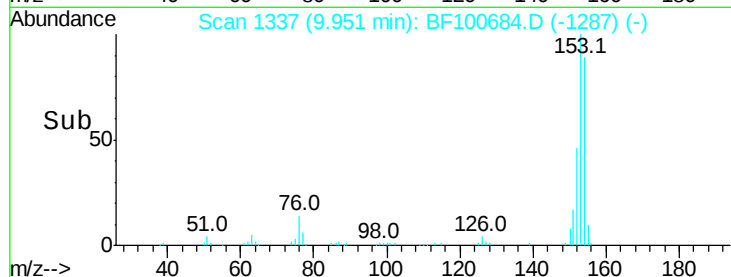
Manual Integrations
APPROVED

SOHIL
11/20/2017 2:51:17 PM



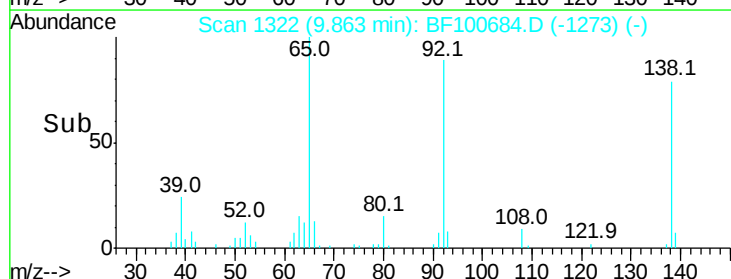
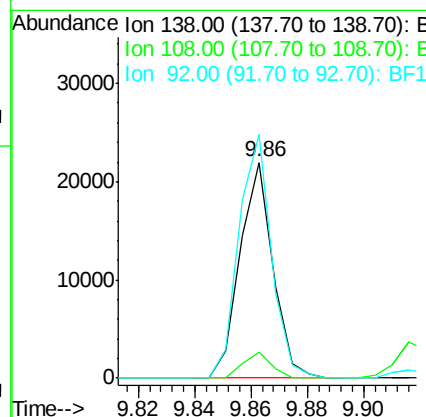
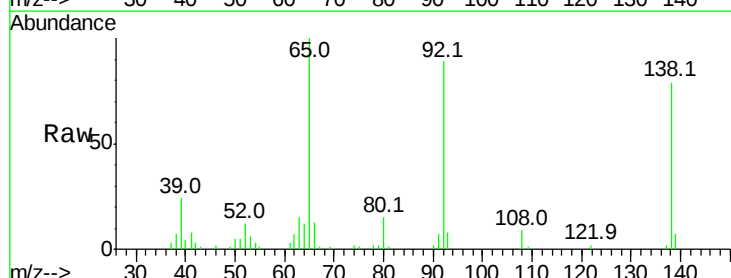
SOHIL

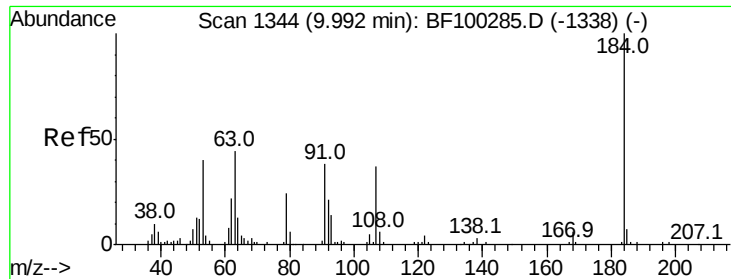
11/20/2017 2:51:17 PM



#52
3-Nitroaniline
Concen: 5.691 ng
RT: 9.86 min Scan# 1322
Delta R.T. -0.01 min
Lab File: BF100684.D
Acq: 17 Nov 2017 20:10

Tgt Ion	Ratio	Lower	Upper
138	100		
108	11.9	9.4	14.0
92	112.9	89.4	134.2





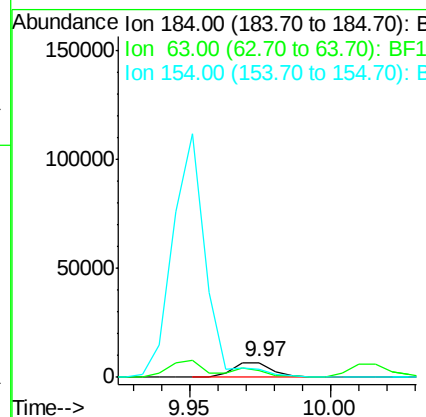
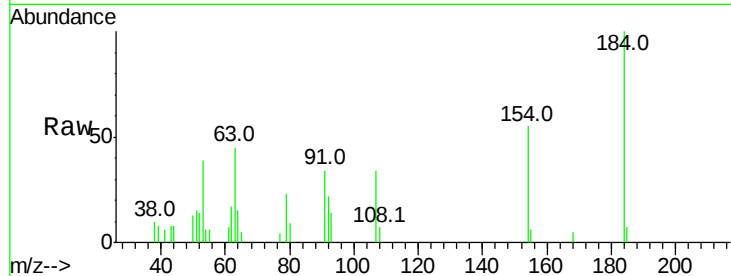
#53
2,4-Dinitrophenol
Concen: 15.535 ng
RT: 9.97 min Scan# 1341
Delta R.T. -0.00 min
Lab File: BF100684.D
Acq: 17 Nov 2017 20:10

Instrument :
BNA_F
ClientSampleId :
SU-01-111417MSD

Tot Ion	Ratio	Lower	Upper
184	100		
63	45.0	54.2	81.2#
154	54.8	184.0	276.0#

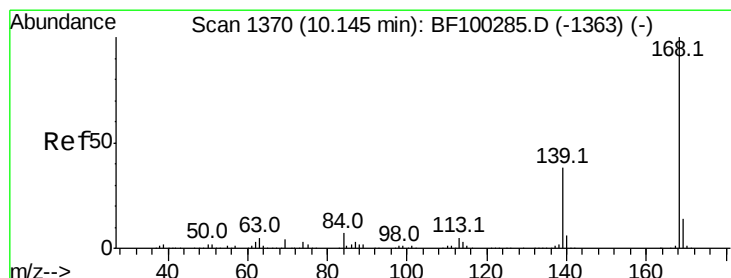
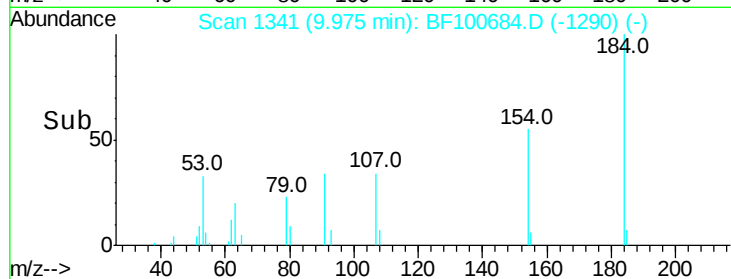
Manual Integrations
APPROVED

SOHIL
11/20/2017 2:51:17 PM



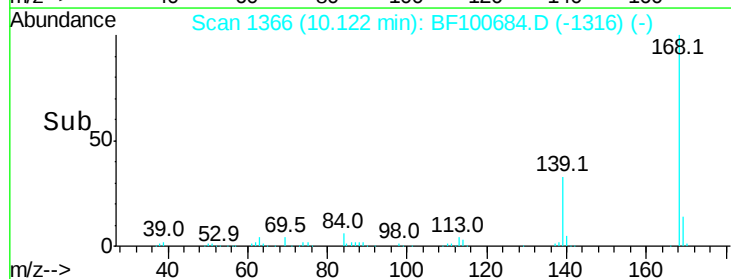
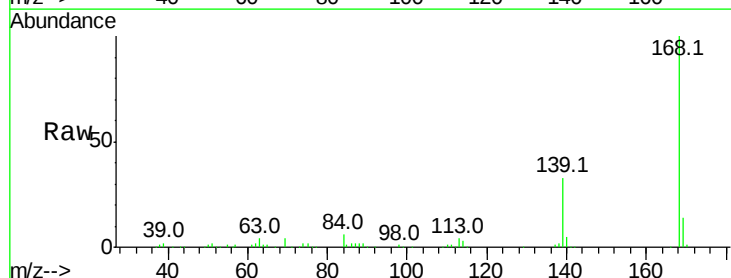
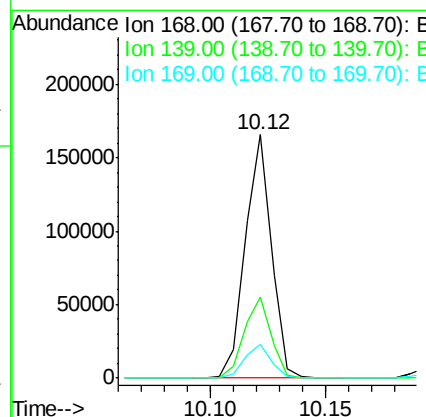
SOHIL

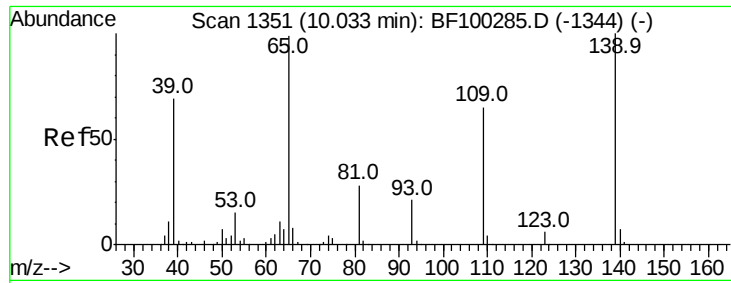
11/20/2017 2:51:17 PM



#54
Dibenzofuran
Concen: 8.456 ng
RT: 10.12 min Scan# 1366
Delta R.T. -0.01 min
Lab File: BF100684.D
Acq: 17 Nov 2017 20:10

Tgt Ion	Ratio	Lower	Upper
168	100		
139	33.4	30.1	45.1
169	13.7	10.9	16.3





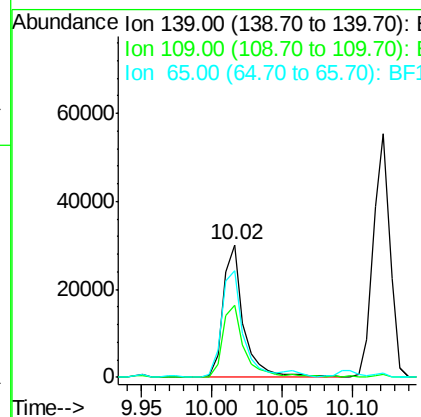
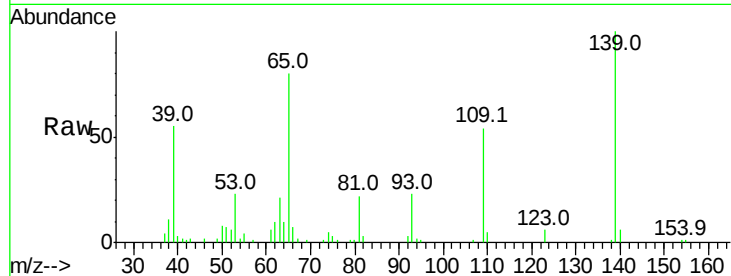
#55
4-Nitrophenol
Concen: 11.990 ng
RT: 10.02 min Scan# 1348
Delta R.T. -0.01 min
Lab File: BF100684.D
Acq: 17 Nov 2017 20:10

Instrument :
BNA_F
ClientSampleId :
SU-01-111417MSD

Tot Ion:	139	Resp:	30406
Ion	Ratio	Lower	Upper
139	100		
109	53.9	48.4	88.4
65	80.5	72.6	112.6

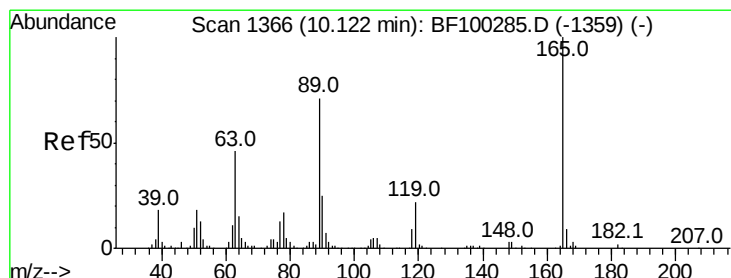
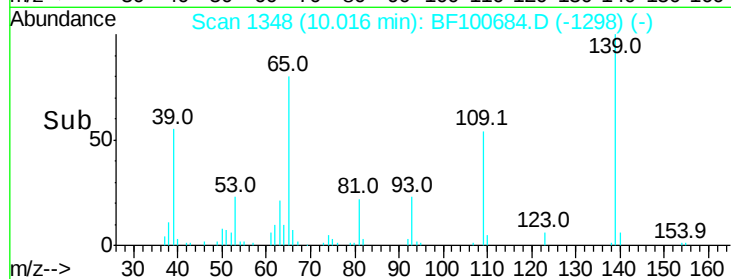
Manual Integrations
APPROVED

SOHIL
11/20/2017 2:51:17 PM



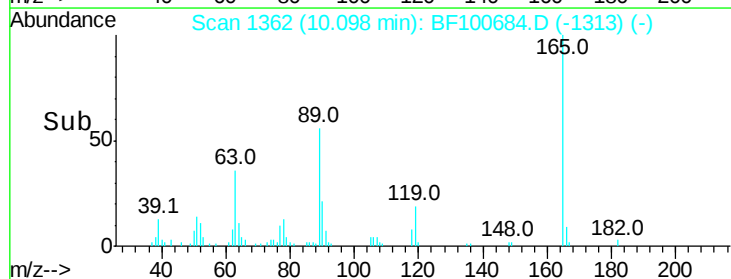
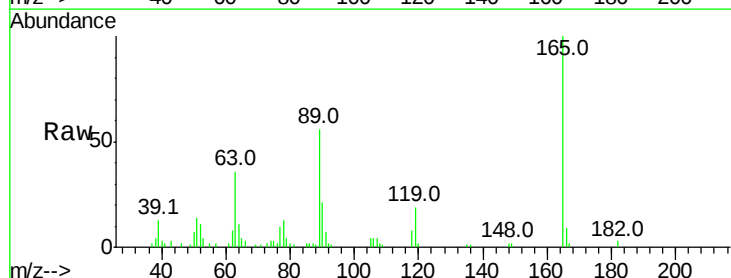
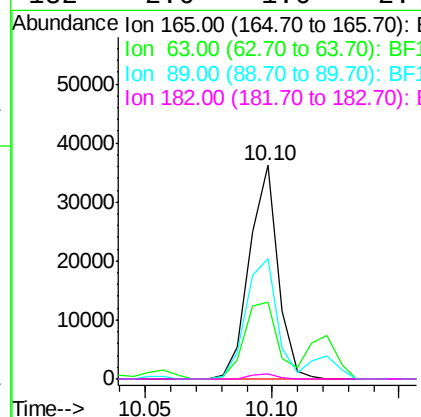
SOHIL

11/20/2017 2:51:17 PM



#56
2,4-Dinitrotoluene
Concen: 8.489 ng
RT: 10.10 min Scan# 1362
Delta R.T. -0.01 min
Lab File: BF100684.D
Acq: 17 Nov 2017 20:10

Tgt Ion:	165	Resp:	28323
Ion	Ratio	Lower	Upper
165	100		
63	35.7	36.4	54.6#
89	56.1	57.8	86.6#
182	2.6	1.6	2.4#





#57

Fluorene

Concen: 8.811 ng

RT: 10.46 min Scan# 1424

Delta R.T. -0.01 min

Lab File: BF100684.D

Acq: 17 Nov 2017 20:10

Instrument :

BNA_F

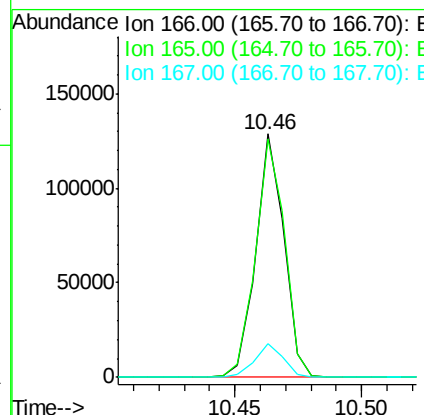
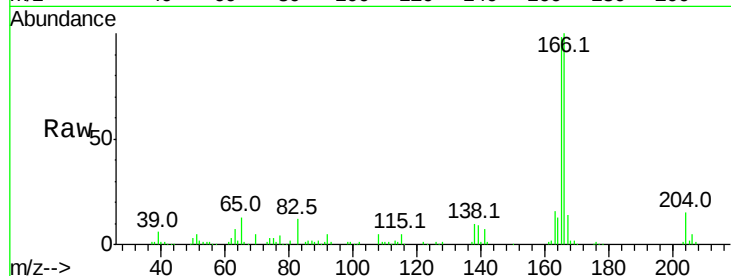
ClientSampleId :

SU-01-111417MSD

Tot Ion:	166	Resp:	100119
Ion Ratio	Lower	Upper	
166	100		
165	97.7	79.8	119.8
167	13.7	10.6	16.0

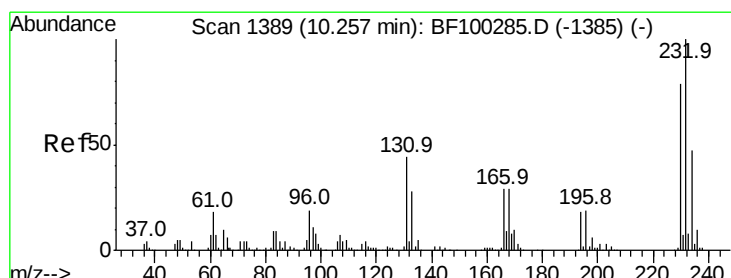
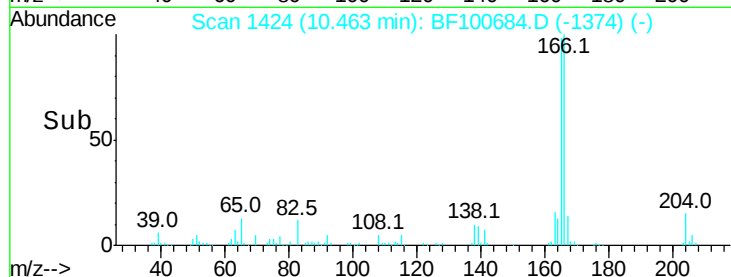
Manual Integrations
APPROVED

SOHIL
11/20/2017 2:51:17 PM



SOHIL

11/20/2017 2:51:17 PM



#58

2,3,4,6-Tetrachlorophenol

Concen: 7.456 ng

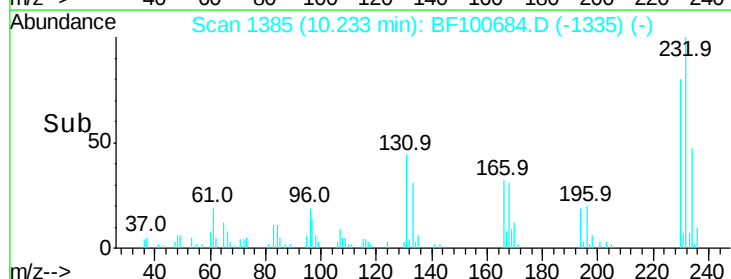
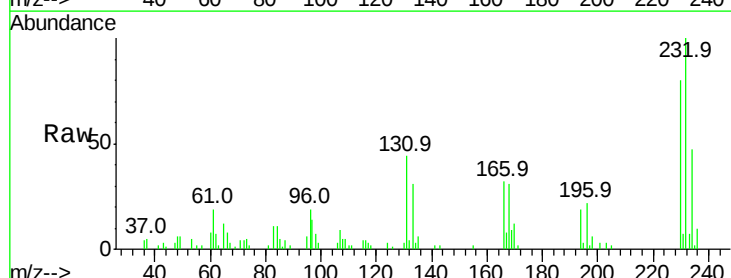
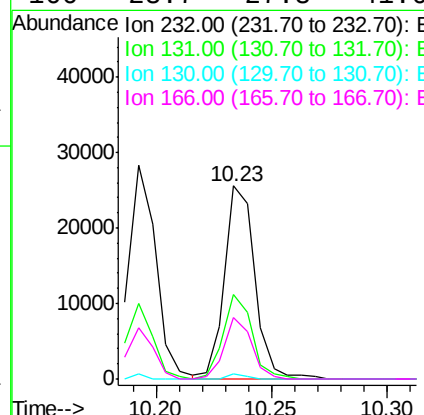
RT: 10.23 min Scan# 1385

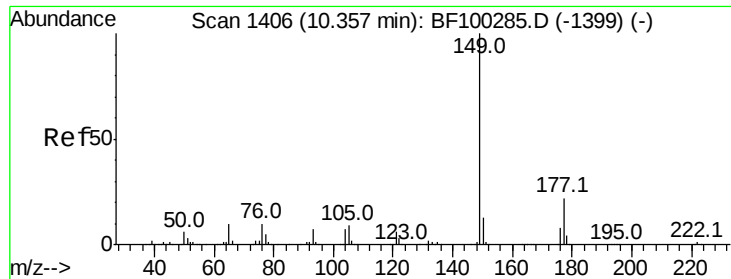
Delta R.T. -0.01 min

Lab File: BF100684.D

Acq: 17 Nov 2017 20:10

Tgt Ion:	232	Resp:	23289
Ion Ratio	Lower	Upper	
232	100		
131	41.5	43.8	65.8#
130	1.6	2.1	3.1#
166	28.7	27.8	41.6





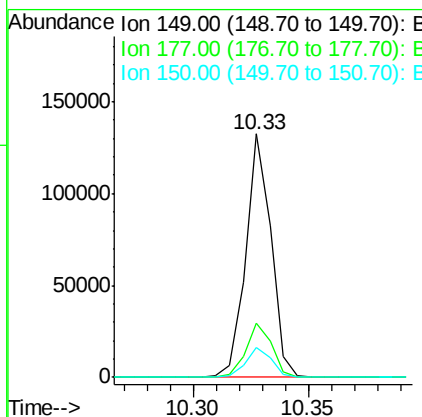
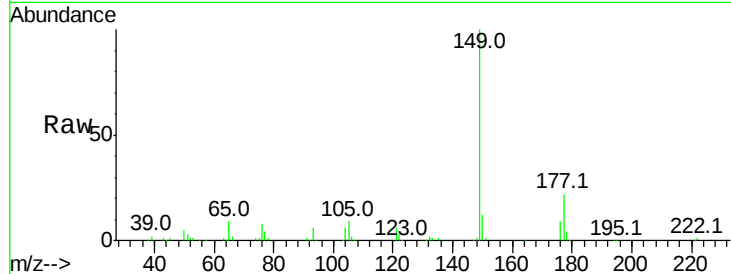
#59
Diethylphthalate
Concen: 7.538 ng
RT: 10.33 min Scan# 1401
Delta R.T. -0.01 min
Lab File: BF100684.D
Acq: 17 Nov 2017 20:10

Instrument :
BNA_F
ClientSampleId :
SU-01-111417MSD

Tot Ion	Ratio	Resp	Lower	Upper
149	100	100792		
177	22.2	16.1	24.1	
150	12.2	10.1	15.1	

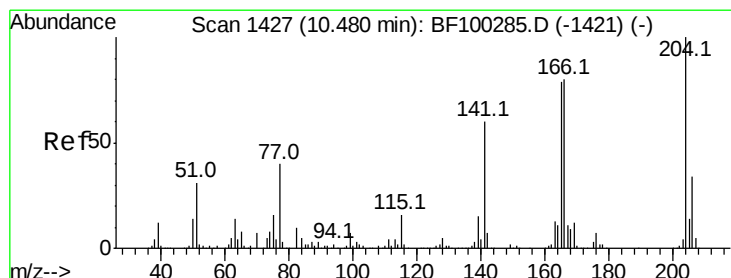
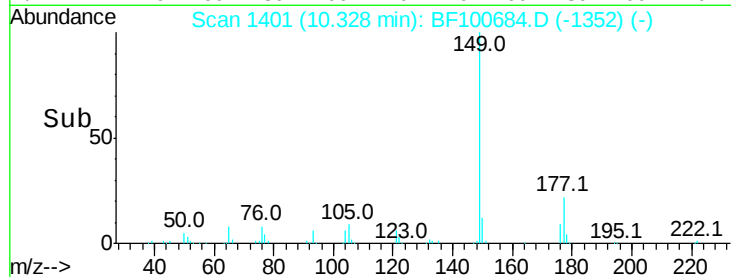
Manual Integrations
APPROVED

SOHIL
11/20/2017 2:51:17 PM



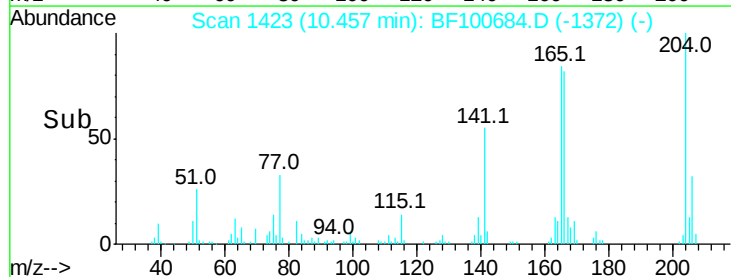
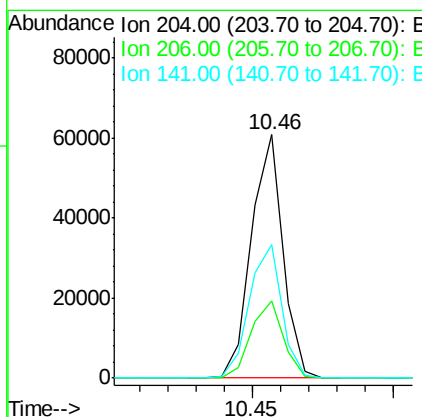
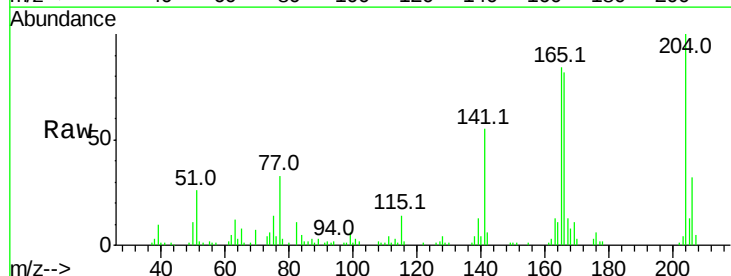
SOHIL

11/20/2017 2:51:17 PM



#60
4-Chlorophenyl-phenylether
Concen: 8.432 ng
RT: 10.46 min Scan# 1423
Delta R.T. -0.00 min
Lab File: BF100684.D
Acq: 17 Nov 2017 20:10

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	47004		
206	31.8	26.5	39.7	
141	54.8	54.6	81.8	





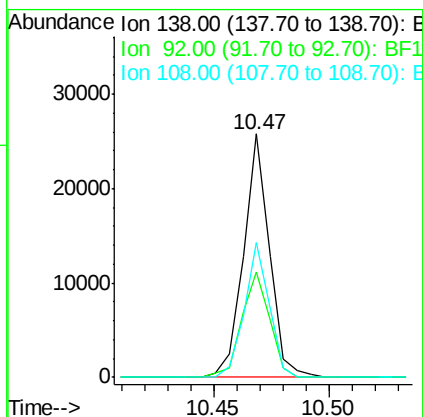
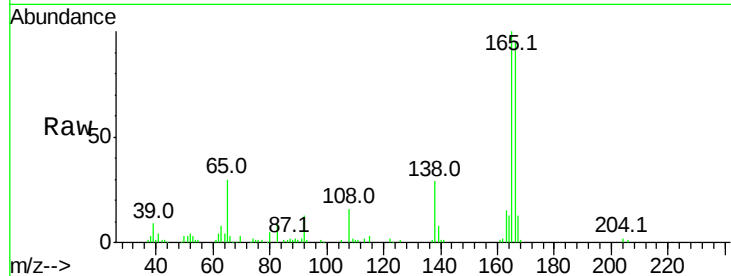
#61
4-Nitroaniline
Concen: 6.830 ng
RT: 10.47 min Scan# 1425
Delta R.T. -0.02 min
Lab File: BF100684.D
Acq: 17 Nov 2017 20:10

Instrument :
BNA_F
ClientSampleId :
SU-01-111417MSD

Tot Ion	Ratio	Lower	Upper
138	100		
92	43.3	30.2	70.2
108	55.5	52.5	92.5

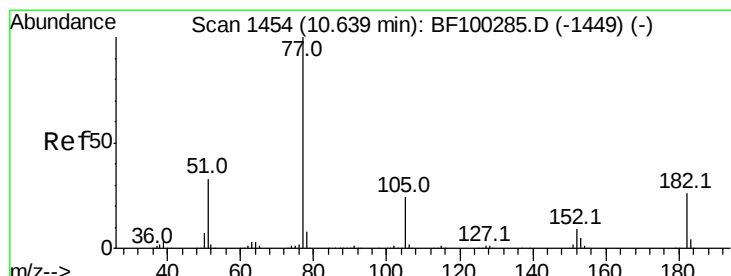
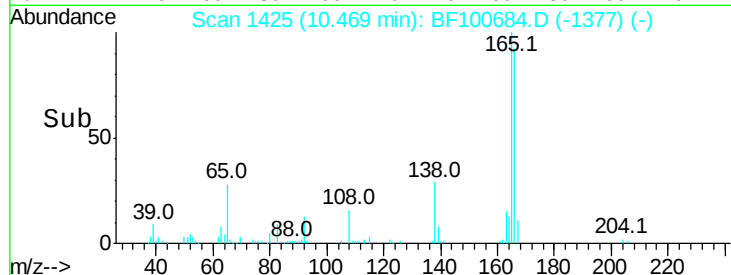
Manual Integrations
APPROVED

SOHIL
11/20/2017 2:51:17 PM



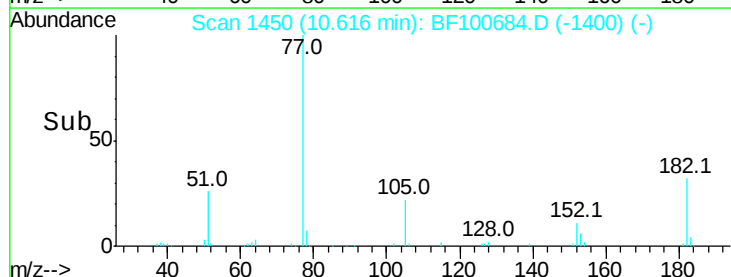
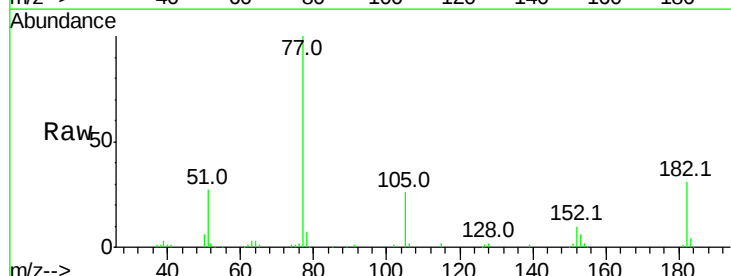
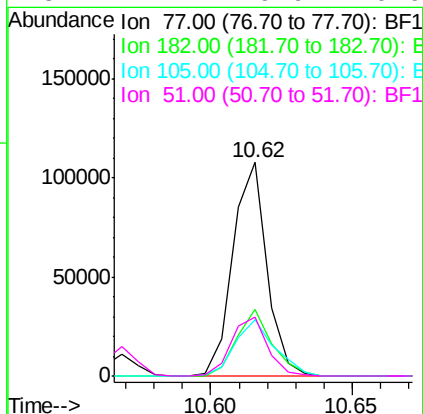
SOHIL

11/20/2017 2:51:17 PM



#62
Azobenzene
Concen: 7.153 ng
RT: 10.62 min Scan# 1450
Delta R.T. -0.01 min
Lab File: BF100684.D
Acq: 17 Nov 2017 20:10

Tgt Ion	Ratio	Lower	Upper
77	100		
182	31.3	1.7	41.7
105	26.4	3.0	43.0
51	27.4	9.9	49.9





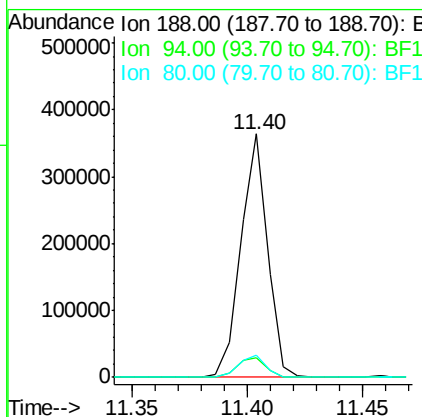
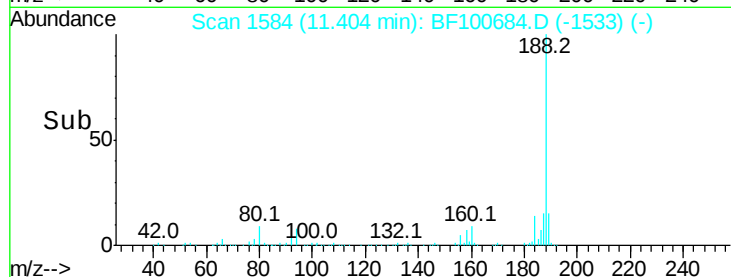
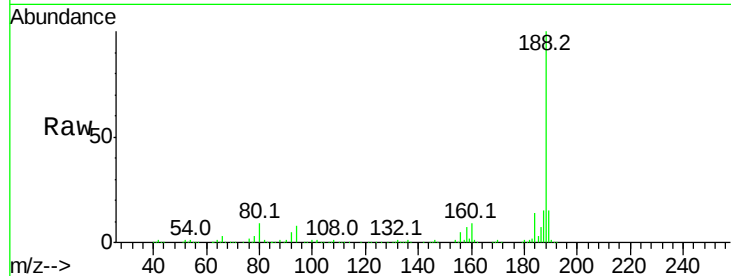
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.40 min Scan# 1584
Delta R.T. -0.00 min
Lab File: BF100684.D
Acq: 17 Nov 2017 20:10

Instrument :
BNA_F
ClientSampleId :
SU-01-111417MSD

Tot Ion	Ratio	Resp Lower	Resp Upper
188	100		
94	8.3	8.5	12.7#
80	9.2	9.2	13.8#

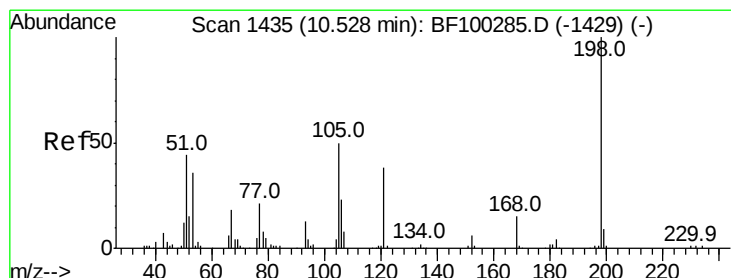
Manual Integrations
APPROVED

SOHIL
11/20/2017 2:51:17 PM



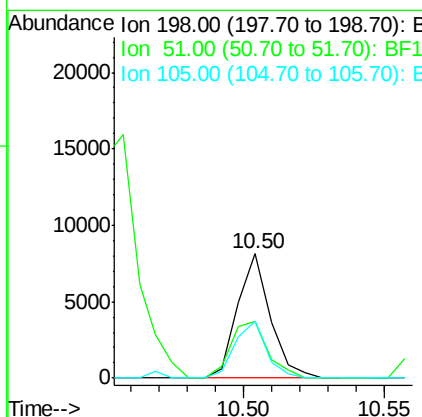
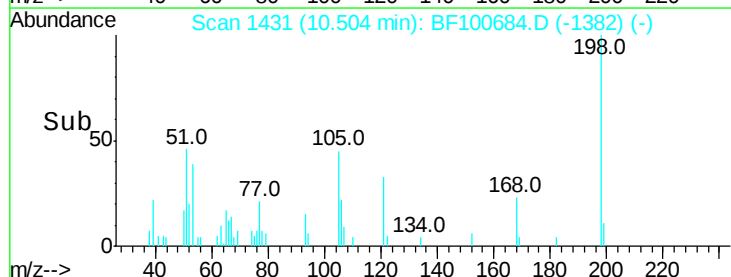
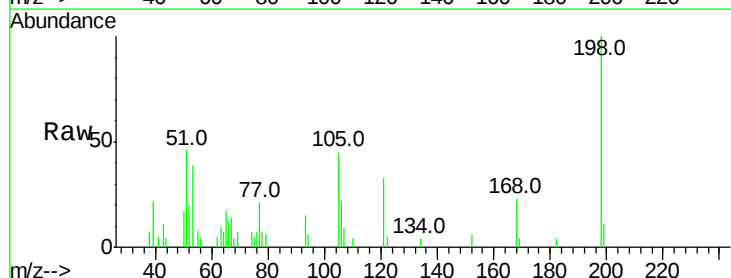
SOHIL

11/20/2017 2:51:17 PM



#64
4,6-Dinitro-2-methylphenol
Concen: 12.219 ng
RT: 10.50 min Scan# 1431
Delta R.T. -0.01 min
Lab File: BF100684.D
Acq: 17 Nov 2017 20:10

Tgt Ion	Ratio	Resp Lower	Resp Upper
198	100		
51	45.9	37.7	77.7
105	45.1	36.3	76.3





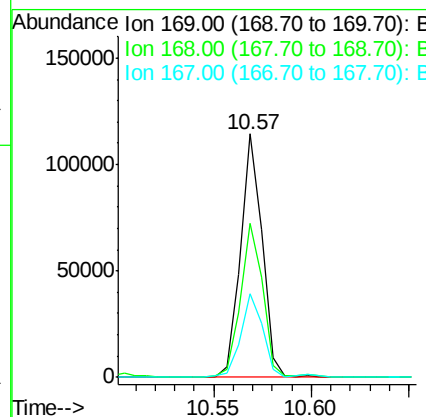
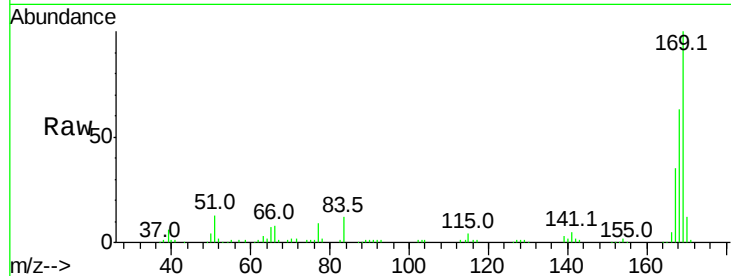
#65
 n-Nitrosodiphenylamine
 Concen: 8.640 ng
 RT: 10.57 min Scan# 1442
 Delta R.T. -0.01 min
 Lab File: BF100684.D
 Acq: 17 Nov 2017 20:10

Instrument :
 BNA_F
 ClientSampleId :
 SU-01-111417MSD

Tot Ion	Ratio	Lower	Upper
169	100		
168	63.4	54.4	81.6
167	34.6	29.8	44.6

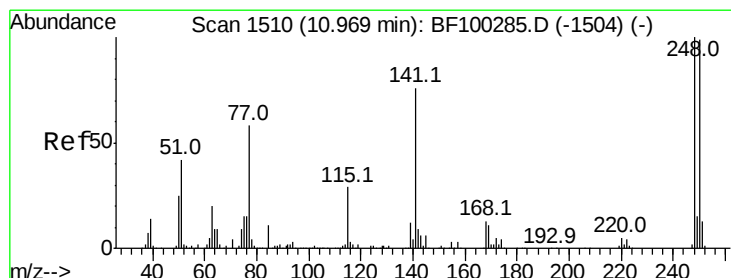
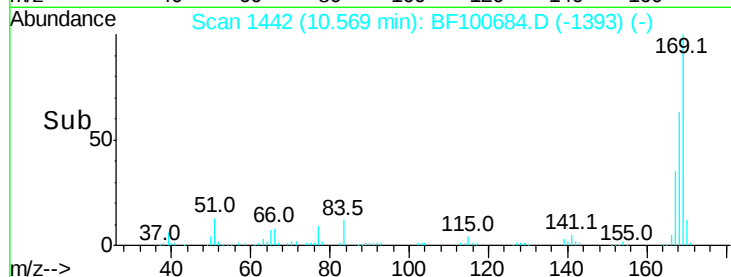
Manual Integrations
 APPROVED

SOHIL
 11/20/2017 2:51:17 PM



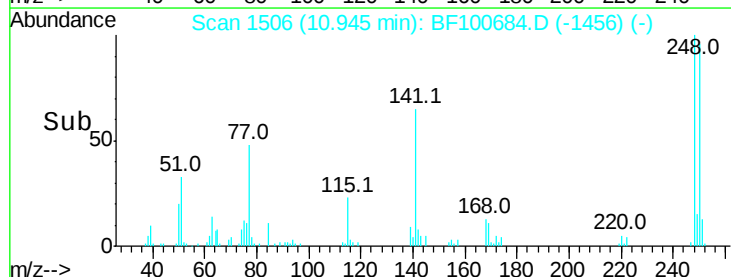
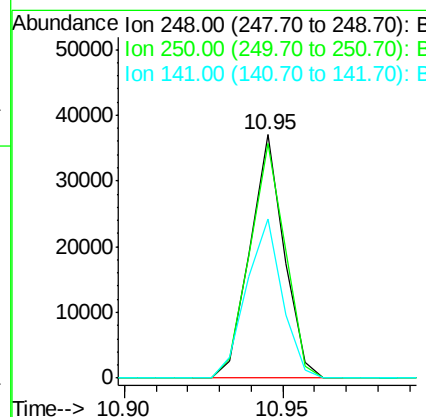
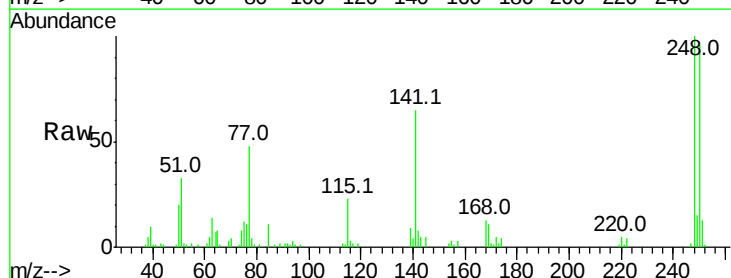
SOHIL

11/20/2017 2:51:17 PM



#66
 4-Bromophenyl-phenylether
 Concen: 8.796 ng
 RT: 10.95 min Scan# 1506
 Delta R.T. -0.01 min
 Lab File: BF100684.D
 Acq: 17 Nov 2017 20:10

Tgt Ion	Ratio	Lower	Upper
248	100		
250	96.2	76.9	115.3
141	65.3	74.4	111.6#





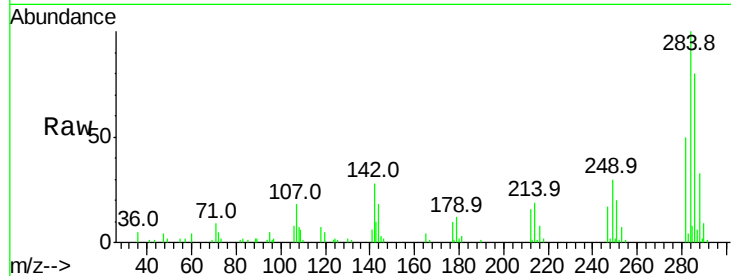
#67
Hexachlorobenzene
Concen: 8.668 ng
RT: 11.01 min Scan# 1517
Delta R.T. -0.01 min
Lab File: BF100684.D
Acq: 17 Nov 2017 20:10

Instrument :
BNA_F
ClientSampleId :
SU-01-111417MSD

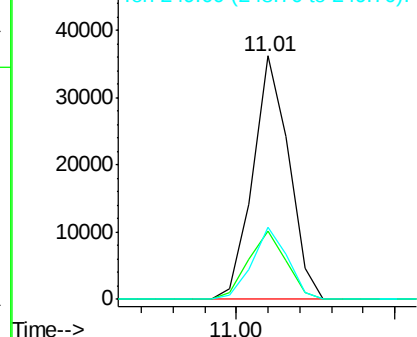
Tot Ion	Ratio	Lower	Upper
284	100		
142	28.2	34.6	52.0#
249	29.8	24.8	37.2

Manual Integrations
APPROVED

SOHIL
11/20/2017 2:51:17 PM

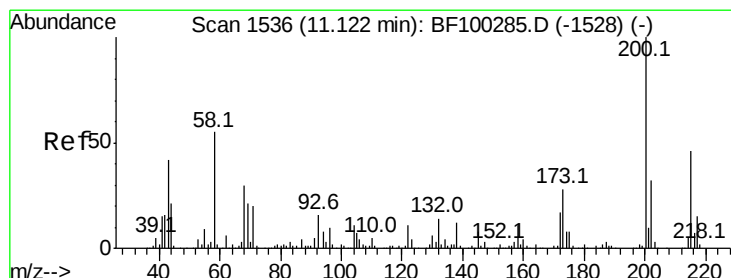
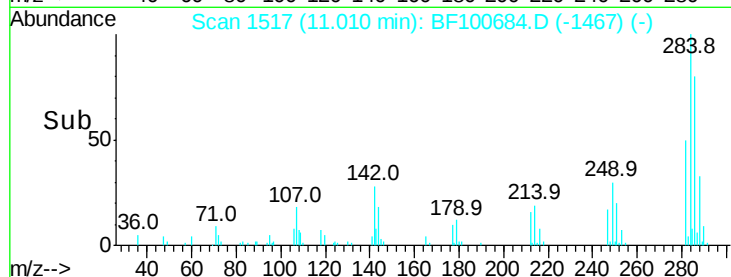


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E



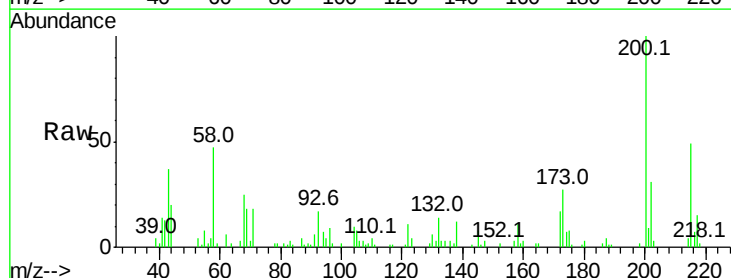
SOHIL

11/20/2017 2:51:17 PM

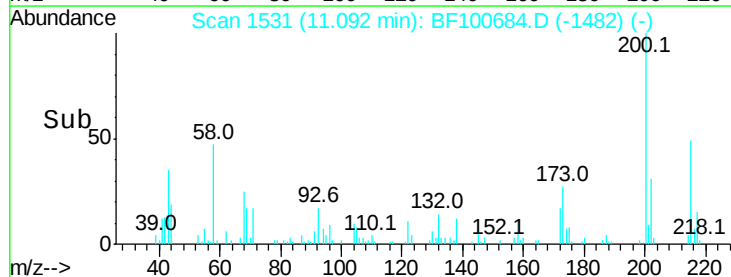
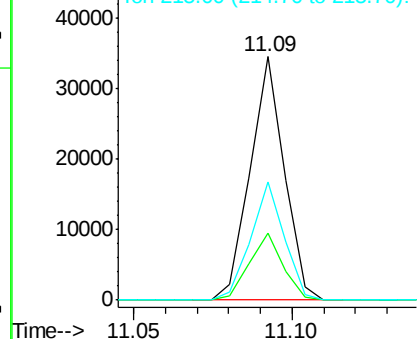


#68
Atrazine
Concen: 8.325 ng
RT: 11.09 min Scan# 1531
Delta R.T. -0.01 min
Lab File: BF100684.D
Acq: 17 Nov 2017 20:10

Tgt Ion	Ratio	Lower	Upper
200	100		
173	27.4	8.6	48.6
215	48.6	25.1	65.1



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





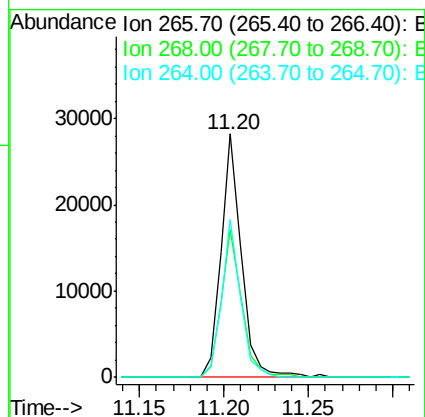
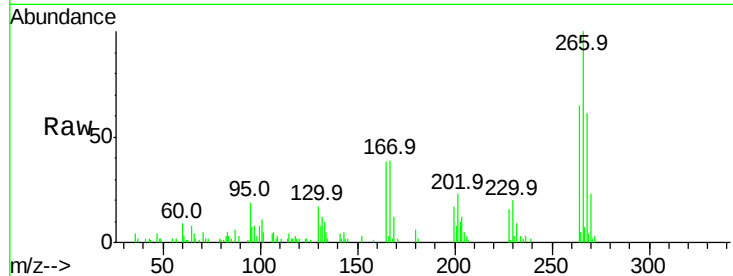
#69
 Pentachlorophenol
 Concen: 10.128 ng
 RT: 11.20 min Scan# 1550
 Delta R.T. -0.01 min
 Lab File: BF100684.D
 Acq: 17 Nov 2017 20:10

Instrument :
 BNA_F
 ClientSampleId :
 SU-01-111417MSD

Tot Ion	Ratio	Resp	Lower	Upper
266	100	23830		
268	60.8	51.1	76.7	
264	64.6	49.5	74.3	

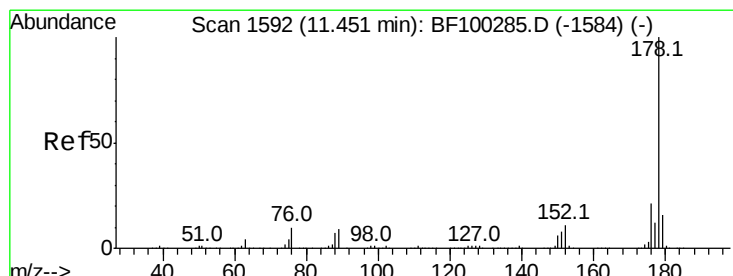
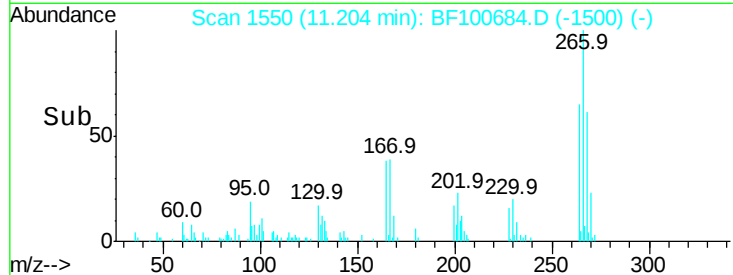
Manual Integrations
 APPROVED

SOHIL
 11/20/2017 2:51:17 PM



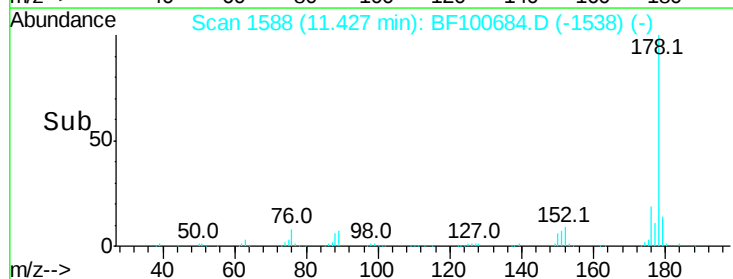
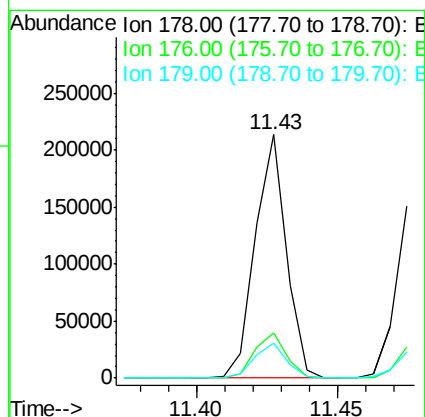
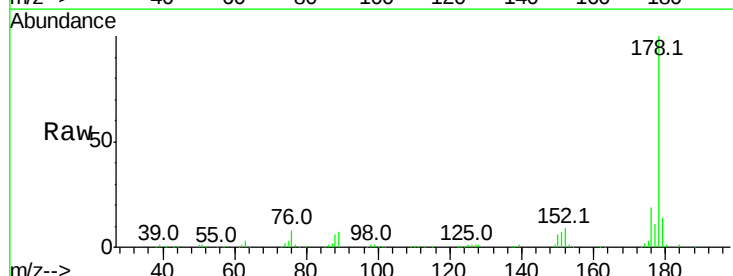
SOHIL

11/20/2017 2:51:17 PM



#70
 Phenanthrene
 Concen: 10.592 ng
 RT: 11.43 min Scan# 1588
 Delta R.T. -0.01 min
 Lab File: BF100684.D
 Acq: 17 Nov 2017 20:10

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	163215		
176	18.7	15.8	23.8	
179	14.5	13.0	19.6	





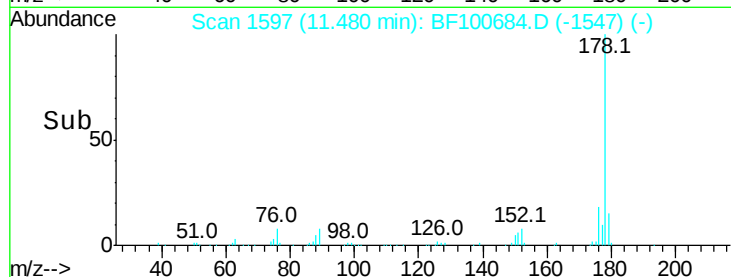
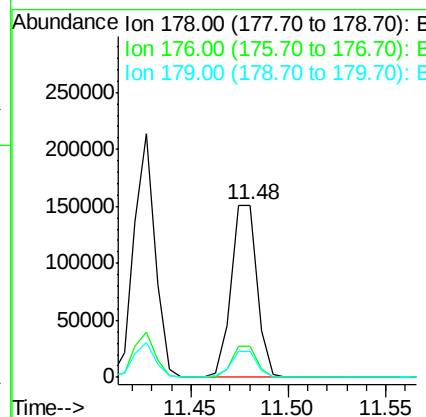
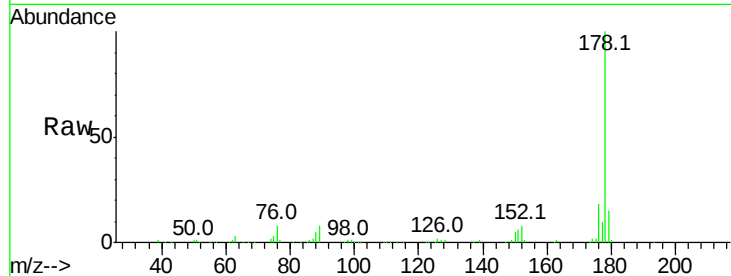
#71
 Anthracene
 Concen: 8.986 ng
 RT: 11.48 min Scan# 1597
 Delta R.T. -0.01 min
 Lab File: BF100684.D
 Acq: 17 Nov 2017 20:10

Instrument :
 BNA_F
 ClientSampleId :
 SU-01-111417MSD

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.0	15.4	23.2
179	15.1	12.6	19.0

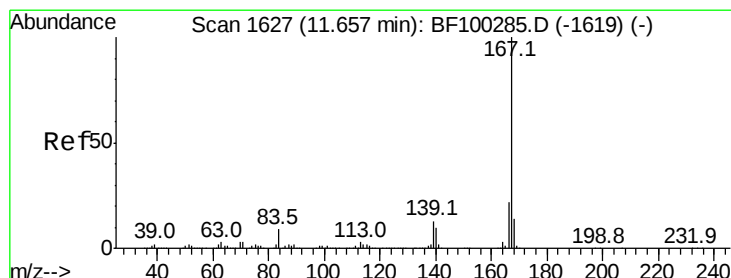
Manual Integrations
 APPROVED

SOHIL
 11/20/2017 2:51:17 PM



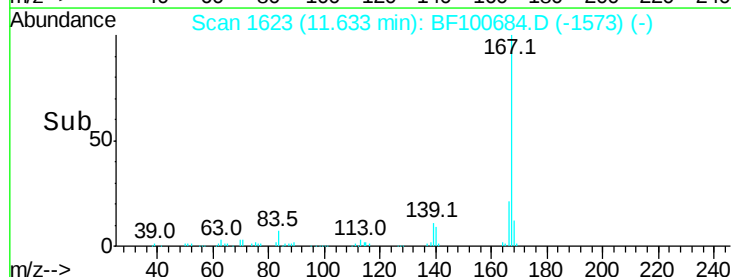
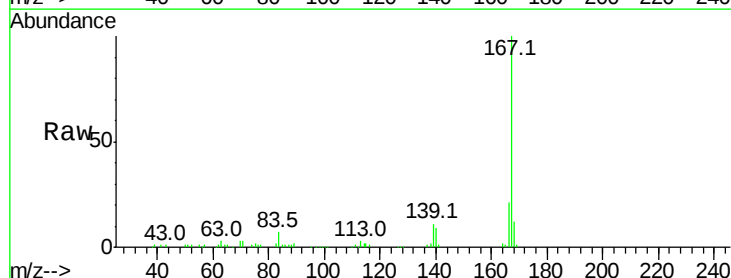
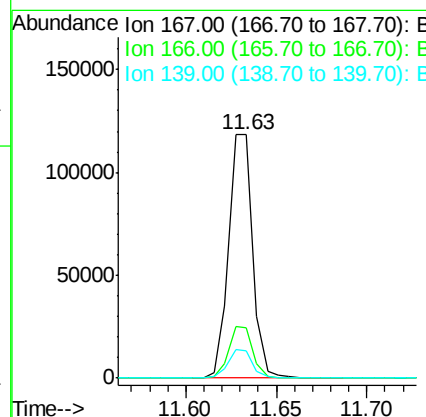
SOHIL

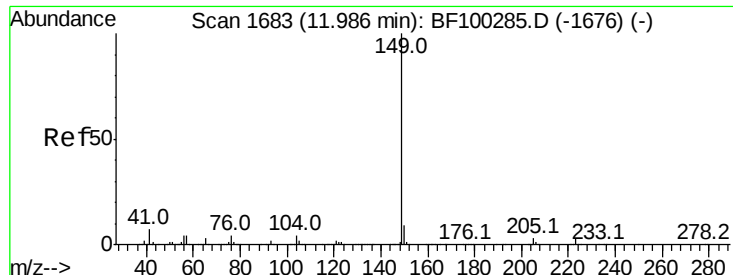
11/20/2017 2:51:17 PM



#72
 Carbazole
 Concen: 7.610 ng
 RT: 11.63 min Scan# 1623
 Delta R.T. -0.01 min
 Lab File: BF100684.D
 Acq: 17 Nov 2017 20:10

Tgt Ion	Ratio	Lower	Upper
167	100		
166	20.6	17.6	26.4
139	11.1	10.9	16.3





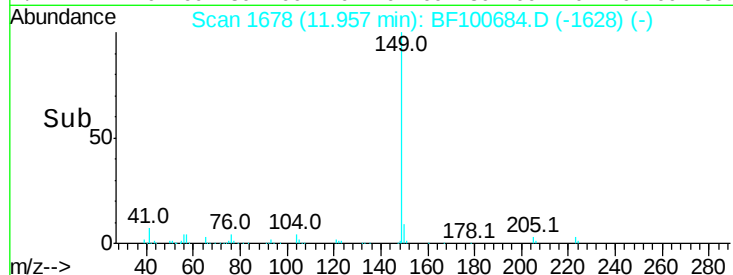
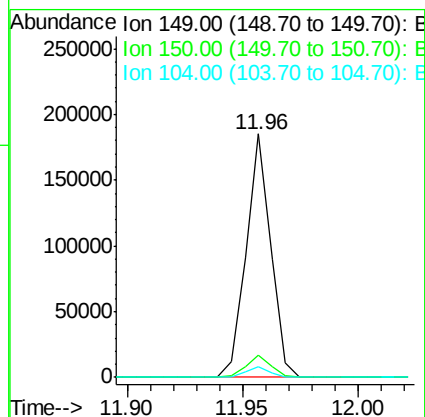
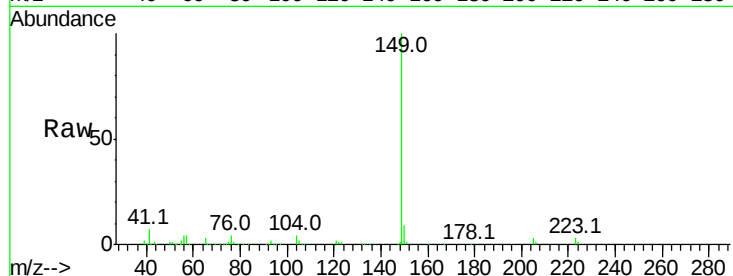
#73
Di-n-butylphthalate
Concen: 8.181 ng
RT: 11.96 min Scan# 1678
Delta R.T. -0.01 min
Lab File: BF100684.D
Acq: 17 Nov 2017 20:10

Instrument :
BNA_F
ClientSampleId :
SU-01-111417MSD

Tot Ion	Ratio	Resp Lower	Resp Upper
149	100		
150	8.9	7.8	11.6
104	4.3	3.8	5.8

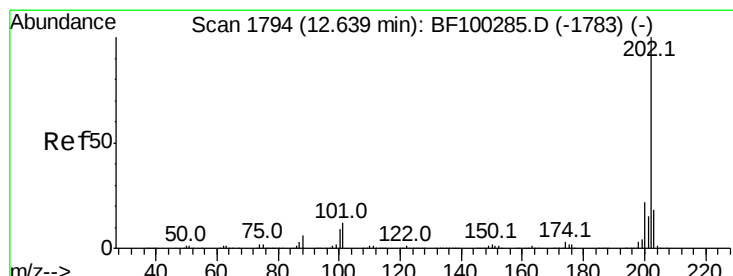
Manual Integrations
APPROVED

SOHIL
11/20/2017 2:51:17 PM



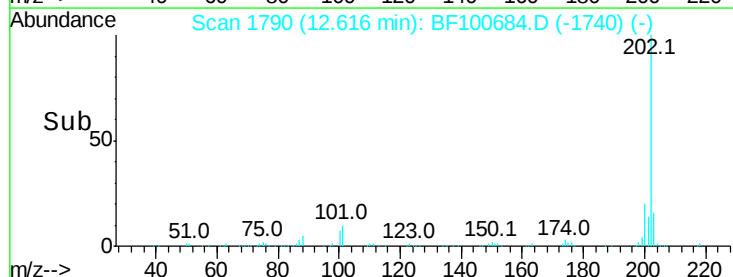
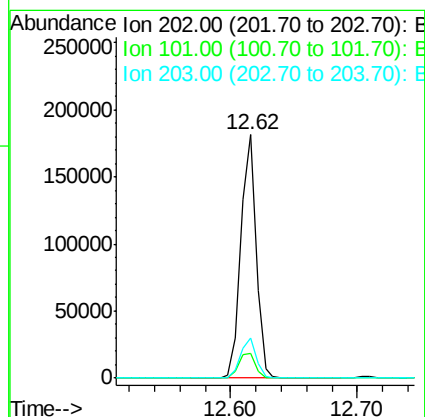
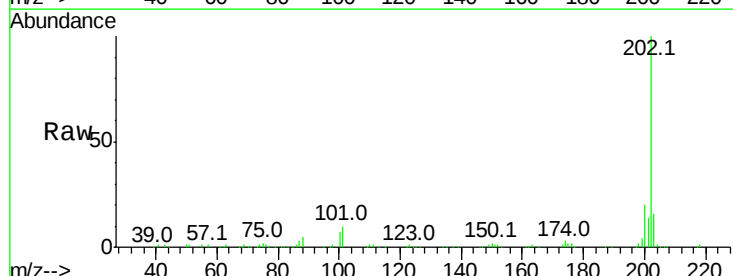
SOHIL

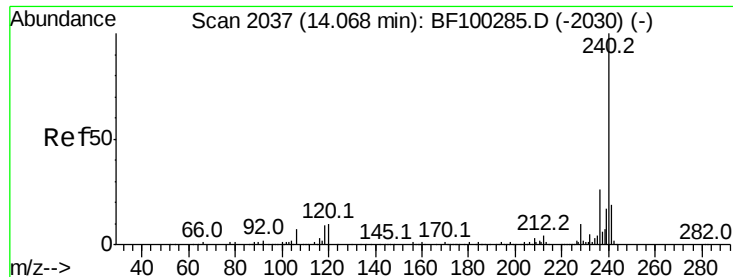
11/20/2017 2:51:17 PM



#74
Fluoranthene
Concen: 9.143 ng
RT: 12.62 min Scan# 1790
Delta R.T. -0.01 min
Lab File: BF100684.D
Acq: 17 Nov 2017 20:10

Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	10.4	0.0	34.1
203	16.5	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: BF100684.D

Acq: 17 Nov 2017 20:10

Instrument :

BNA_F

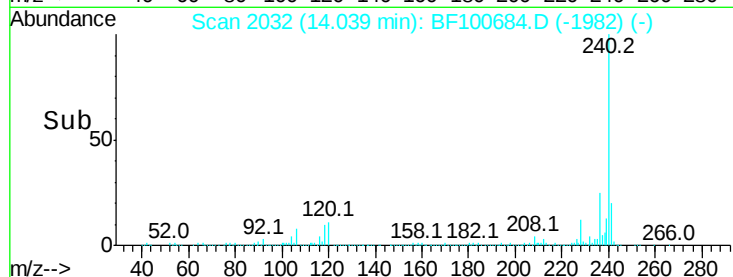
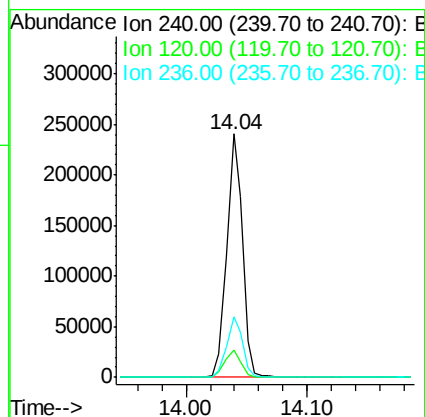
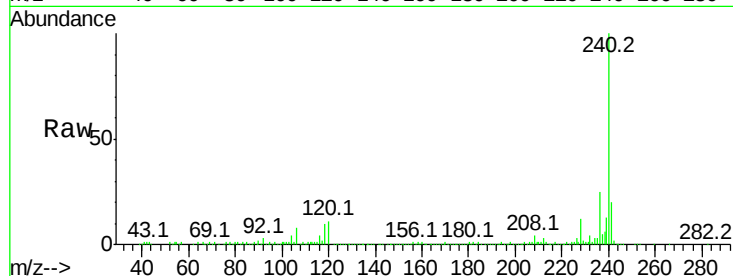
ClientSampleId :

SU-01-111417MSD

Tot Ion:	240	Resp:	215126
Ion Ratio	Lower	Upper	
240	100		
120	11.3	9.5	14.3
236	25.1	20.7	31.1

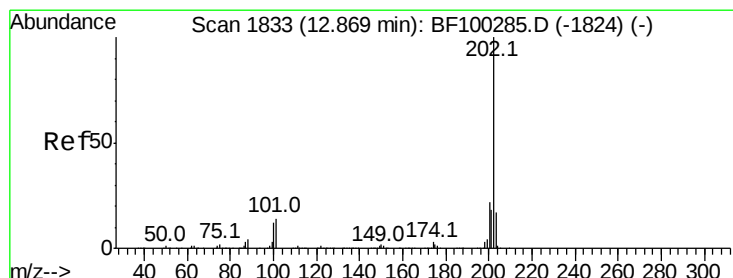
Manual Integrations
APPROVED

SOHIL
11/20/2017 2:51:17 PM



SOHIL

11/20/2017 2:51:17 PM



#77

Pyrene

Concen: 9.303 ng

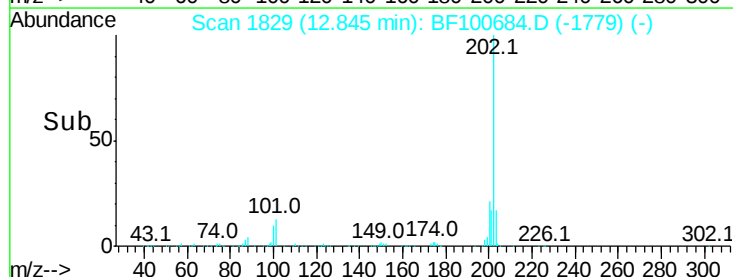
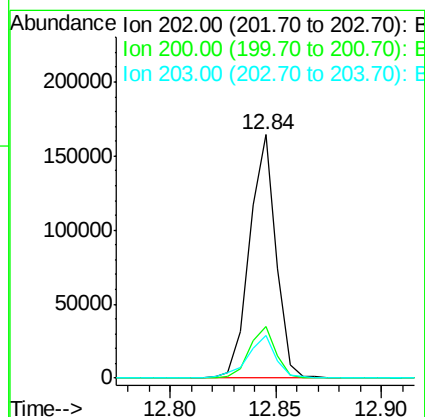
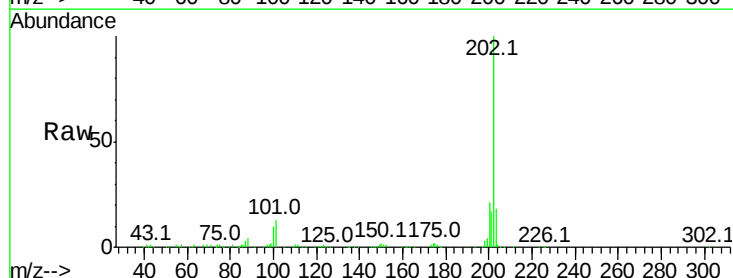
RT: 12.84 min Scan# 1829

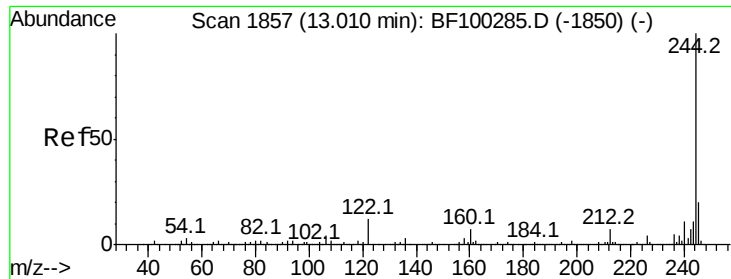
Delta R.T. -0.01 min

Lab File: BF100684.D

Acq: 17 Nov 2017 20:10

Tgt Ion:	202	Resp:	142669
Ion Ratio	Lower	Upper	
202	100		
200	21.0	17.4	26.2
203	17.6	14.3	21.5





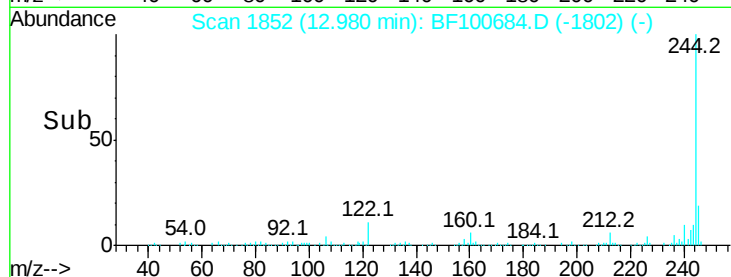
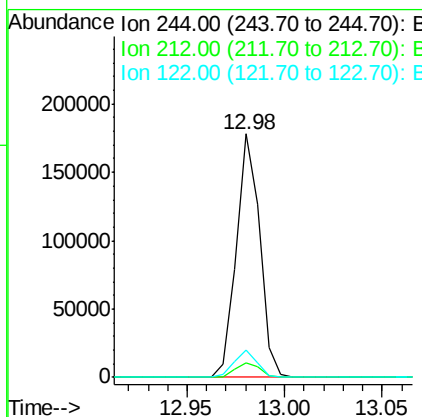
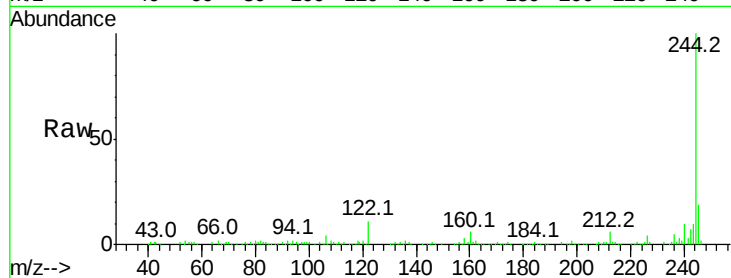
#78
 Terphenyl-d14
 Concen: 15.837 ng
 RT: 12.98 min Scan# 1852
 Delta R.T. -0.01 min
 Lab File: BF100684.D
 Acq: 17 Nov 2017 20:10

Instrument :
 BNA_F
 ClientSampleId :
 SU-01-111417MSD

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.1	5.4	8.0
122	11.3	11.0	16.4

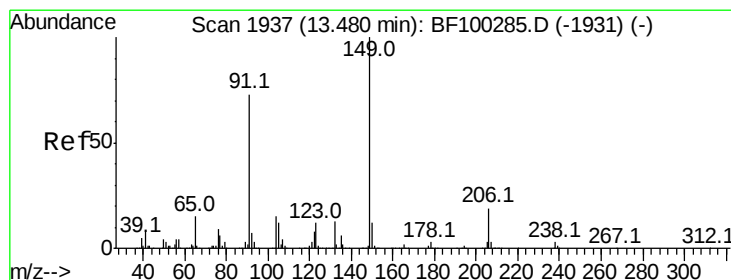
Manual Integrations
 APPROVED

SOHIL
 11/20/2017 2:51:17 PM



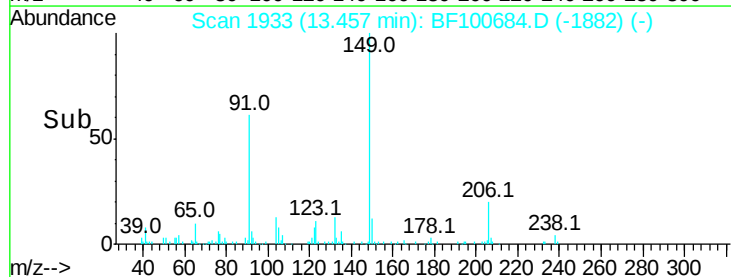
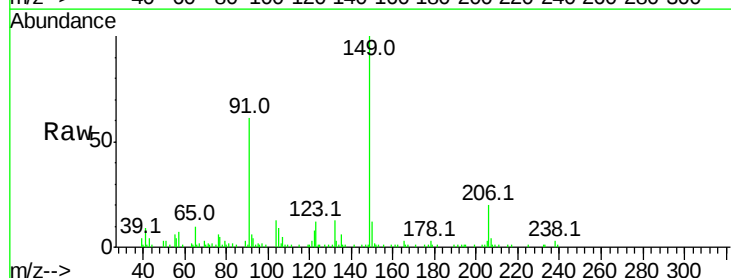
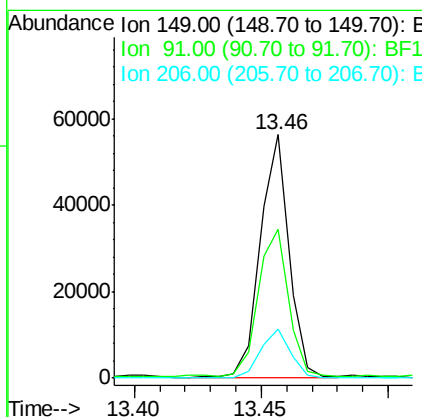
SOHIL

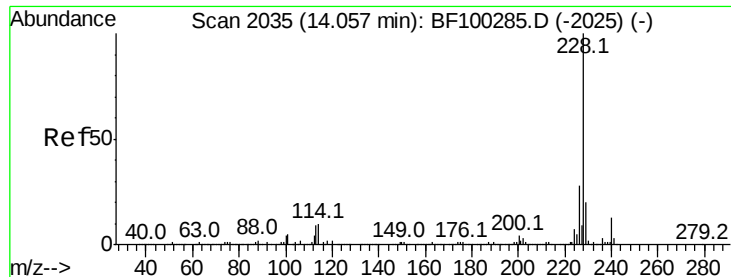
11/20/2017 2:51:17 PM



#79
 Butylbenzylphthalate
 Concen: 7.230 ng
 RT: 13.46 min Scan# 1933
 Delta R.T. -0.00 min
 Lab File: BF100684.D
 Acq: 17 Nov 2017 20:10

Tgt Ion	Ratio	Lower	Upper
149	100		
91	61.0	56.8	85.2
206	20.1	14.1	21.1





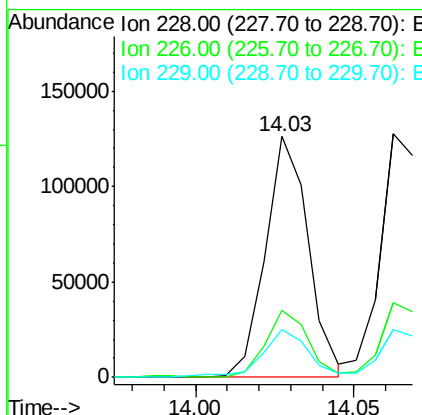
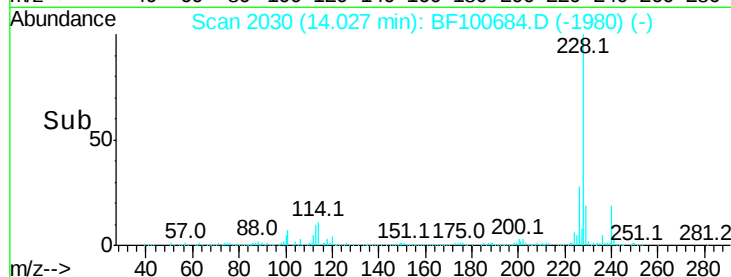
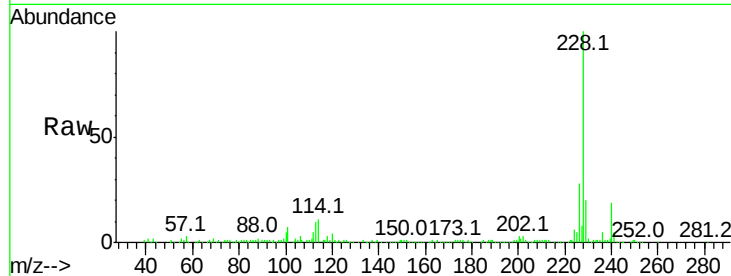
#80
Benzo(a)anthracene
Concen: 9.158 ng
RT: 14.03 min Scan# 2030
Delta R.T. -0.01 min
Lab File: BF100684.D
Acq: 17 Nov 2017 20:10

Instrument :
BNA_F
ClientSampleId :
SU-01-111417MSD

Tot Ion	Ratio	Lower	Upper
228	100		
226	27.9	22.6	33.8
229	19.8	15.8	23.6

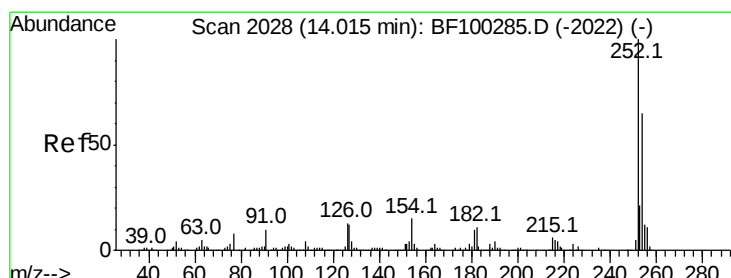
Manual Integrations
APPROVED

SOHIL
11/20/2017 2:51:17 PM



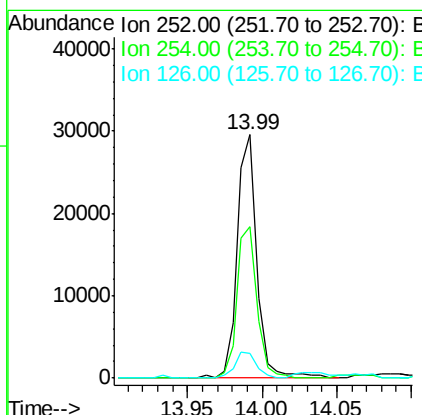
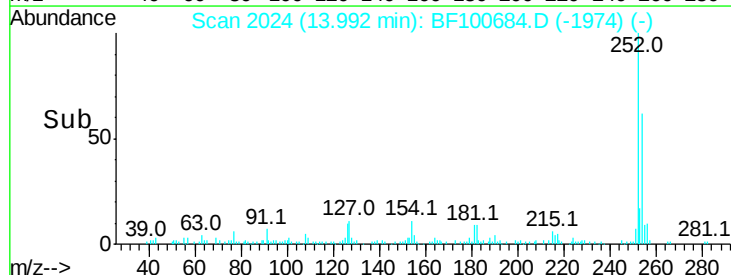
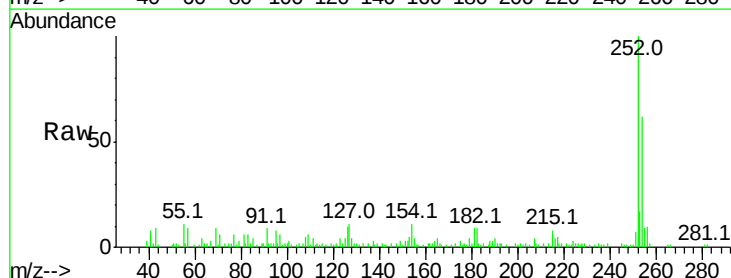
SOHIL

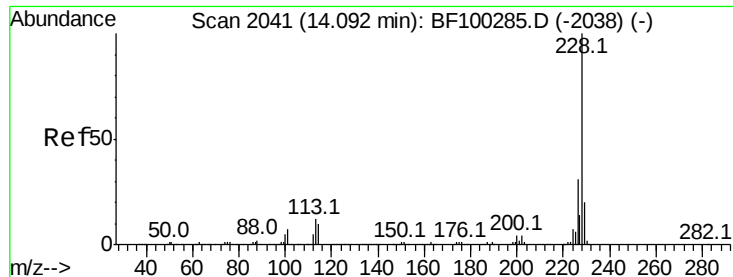
11/20/2017 2:51:17 PM



#81
3,3'-Dichlorobenzidine
Concen: 5.902 ng
RT: 13.99 min Scan# 2024
Delta R.T. -0.01 min
Lab File: BF100684.D
Acq: 17 Nov 2017 20:10

Tgt Ion	Ratio	Lower	Upper
252	100		
254	62.1	50.4	75.6
126	10.3	11.3	16.9





#82

Chrysene

Concen: 9.282 ng

RT: 14.06 min Scan# 2036

Delta R.T. -0.01 min

Lab File: BF100684.D

Acq: 17 Nov 2017 20:10

Instrument :

BNA_F

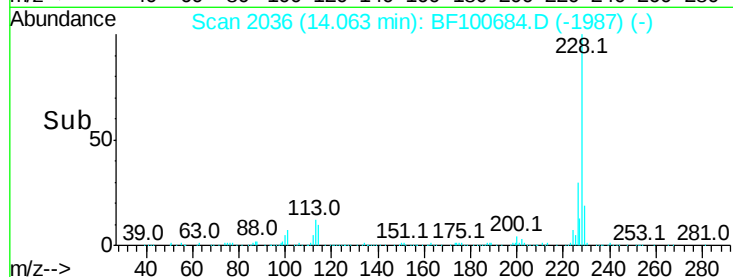
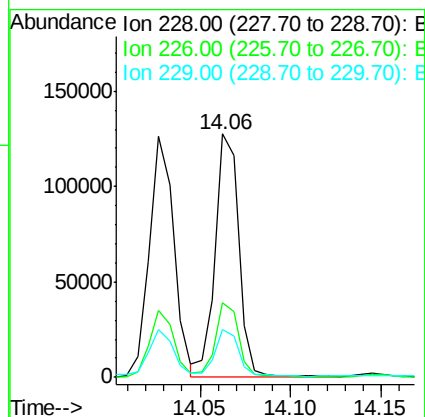
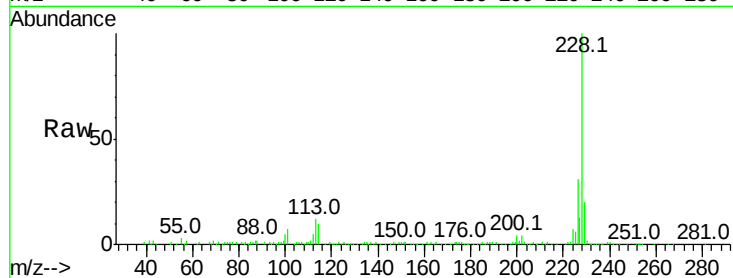
ClientSampleId :

SU-01-111417MSD

Tot Ion:228	Resp:	116443
Ion Ratio	Lower	Upper
228 100		
226 30.5	25.0	37.6
229 19.6	16.2	24.4

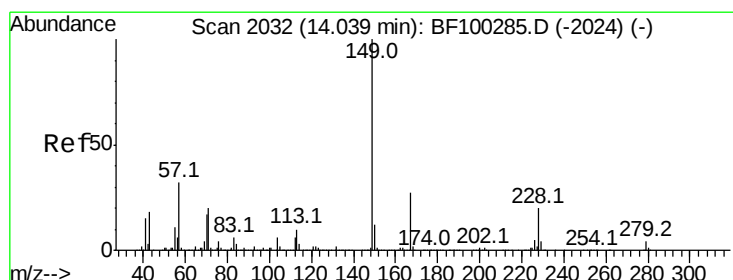
Manual Integrations
APPROVED

SOHIL
11/20/2017 2:51:17 PM



SOHIL

11/20/2017 2:51:17 PM



#83

Bis(2-ethylhexyl)phthalate

Concen: 7.604 ng

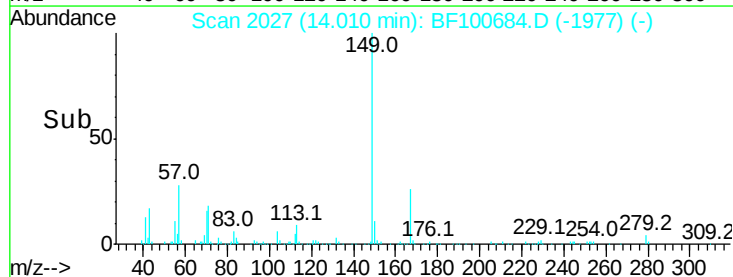
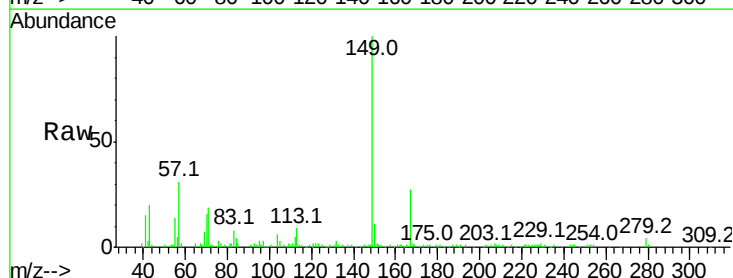
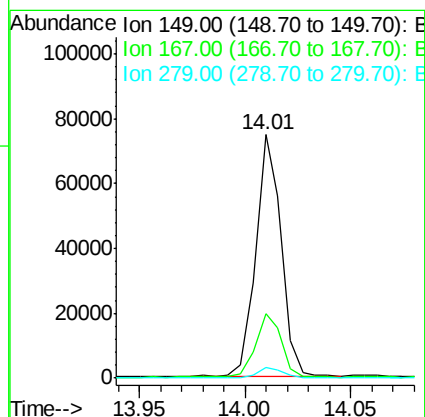
RT: 14.01 min Scan# 2027

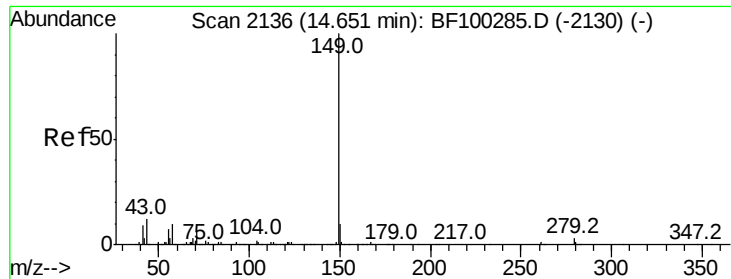
Delta R.T. -0.01 min

Lab File: BF100684.D

Acq: 17 Nov 2017 20:10

Tgt Ion:149	Resp:	62543
Ion Ratio	Lower	Upper
149 100		
167 26.7	21.3	31.9
279 4.3	3.0	4.4





#84

Di-n-octyl phthalate

Concen: 7.784 ng

RT: 14.62 min Scan# 2131

Delta R.T. -0.01 min

Lab File: BF100684.D

Acq: 17 Nov 2017 20:10

Instrument :

BNA_F

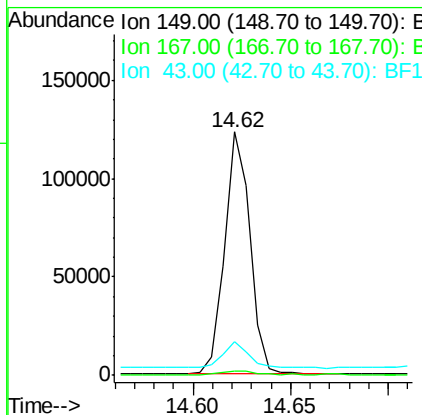
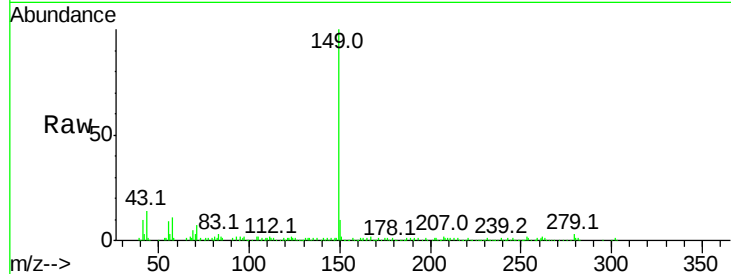
ClientSampleId :

SU-01-111417MSD

Tot Ion:	149	Resp:	109992
Ion Ratio	Lower	Upper	
149	100		
167	1.8	1.2	1.8#
43	11.2	8.4	12.6

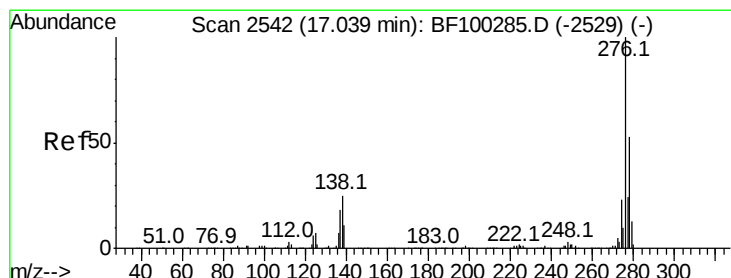
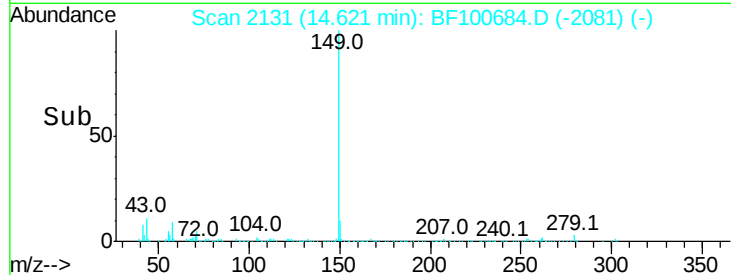
Manual Integrations
APPROVED

SOHIL
11/20/2017 2:51:17 PM



SOHIL

11/20/2017 2:51:17 PM



#85

Indeno(1,2,3-cd)pyrene

Concen: 9.382 ng

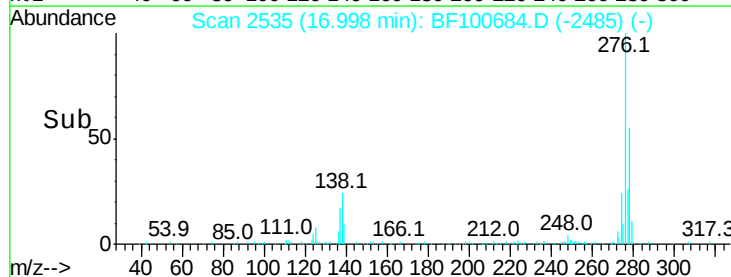
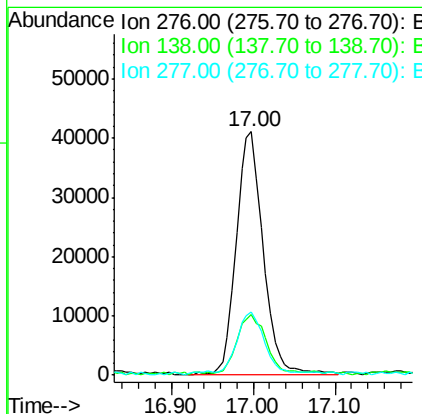
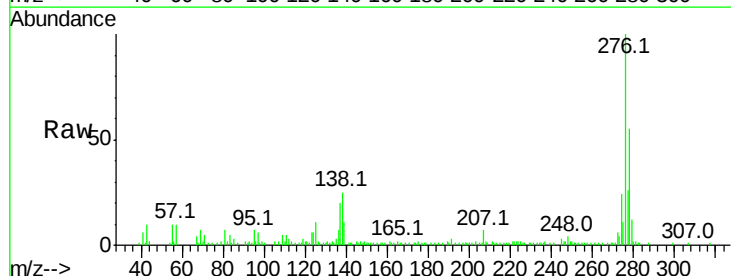
RT: 17.00 min Scan# 2535

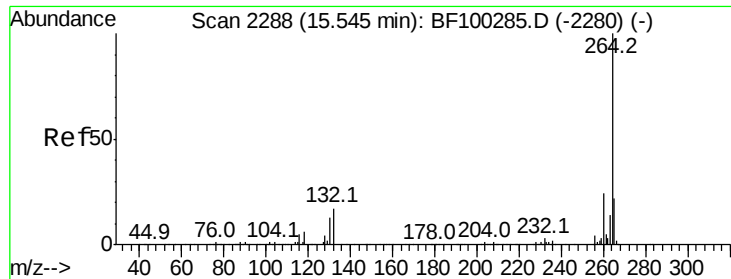
Delta R.T. -0.01 min

Lab File: BF100684.D

Acq: 17 Nov 2017 20:10

Tgt Ion:	276	Resp:	95196
Ion Ratio	Lower	Upper	
276	100		
138	25.9	25.0	37.6
277	28.1	20.1	30.1





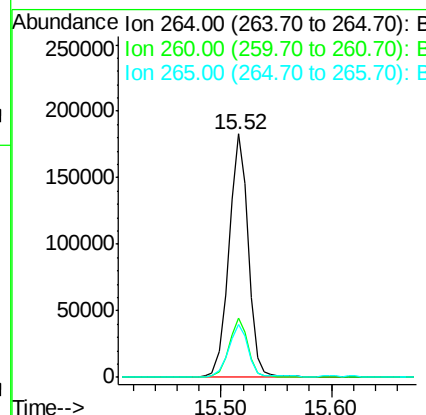
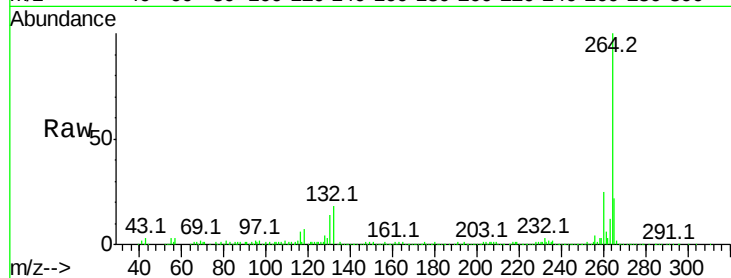
#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.52 min Scan# 2283
Delta R.T. -0.00 min
Lab File: BF100684.D
Acq: 17 Nov 2017 20:10

Instrument :
BNA_F
ClientSampleId :
SU-01-111417MSD

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.6	19.2	28.8
265	22.0	17.5	26.3

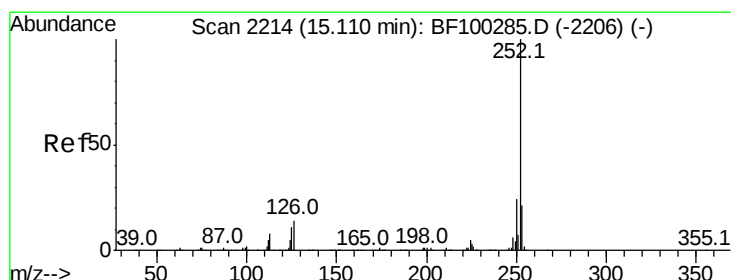
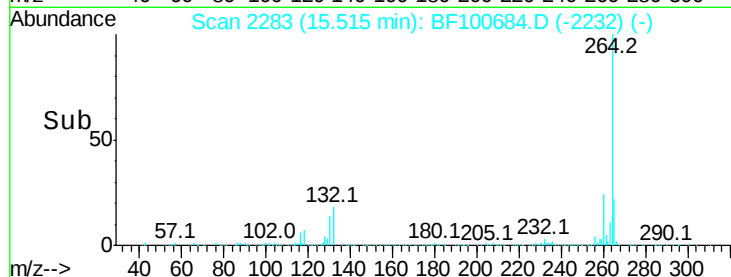
Manual Integrations
APPROVED

SOHIL
11/20/2017 2:51:17 PM



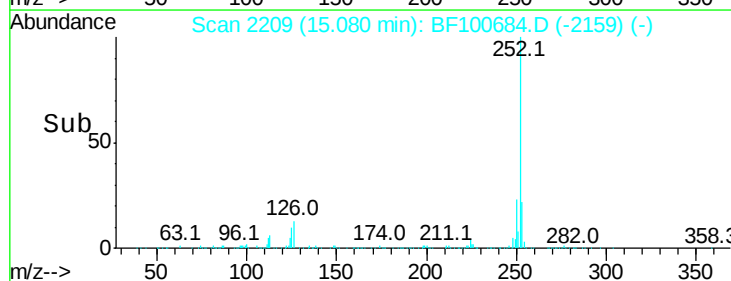
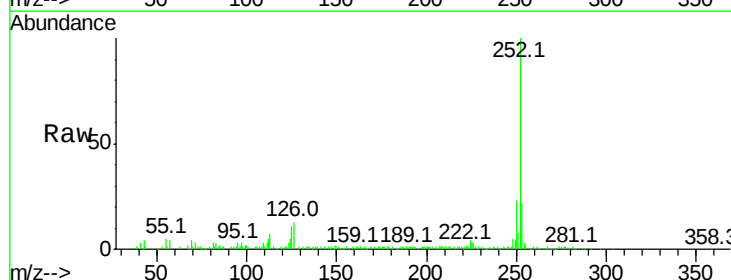
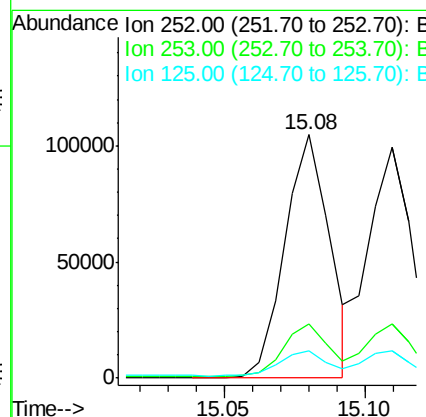
SOHIL

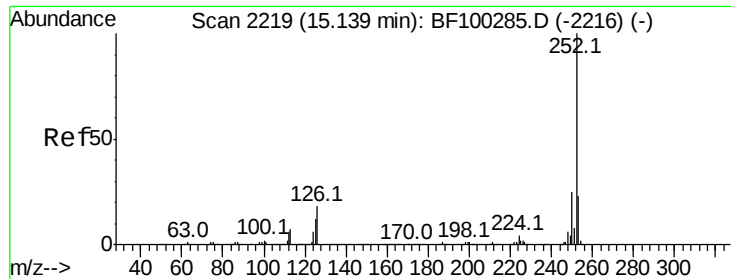
11/20/2017 2:51:17 PM



#87
Benzo(b)fluoranthene
Concen: 8.591 ng
RT: 15.08 min Scan# 2209
Delta R.T. -0.01 min
Lab File: BF100684.D
Acq: 17 Nov 2017 20:10

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.0	25.6
125	11.4	9.0	13.6





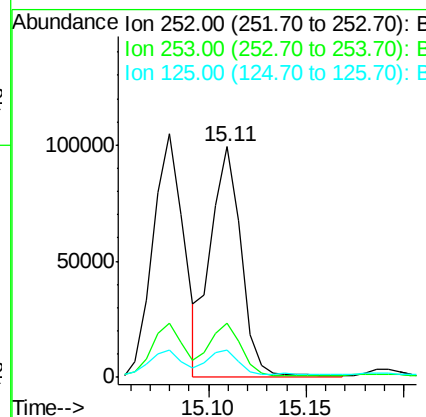
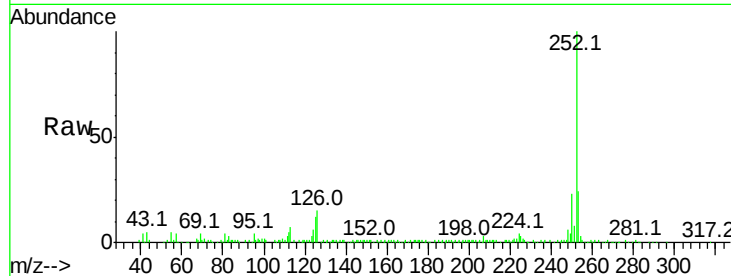
#88
Benzo(k)fluoranthene
Concen: 8.499 ng
RT: 15.11 min Scan# 2214
Delta R.T. -0.01 min
Lab File: BF100684.D
Acq: 17 Nov 2017 20:10

Instrument :
BNA_F
ClientSampleId :
SU-01-111417MSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.6	17.9	26.9
125	11.9	10.2	15.2

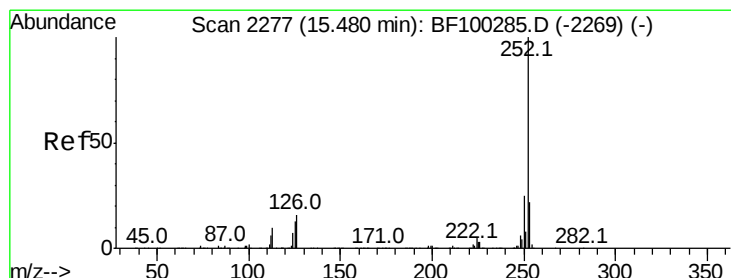
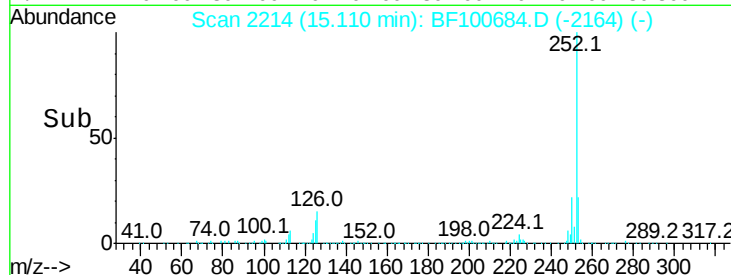
Manual Integrations
APPROVED

SOHIL
11/20/2017 2:51:17 PM



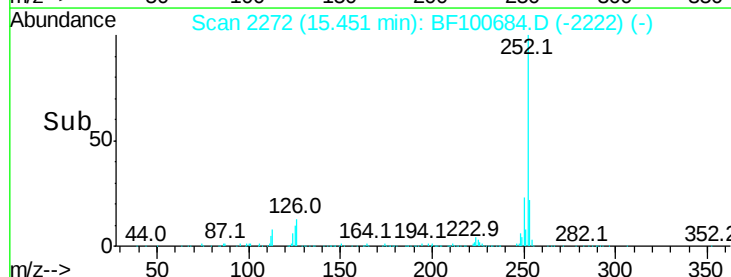
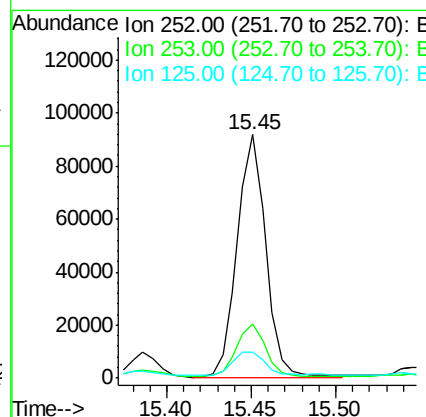
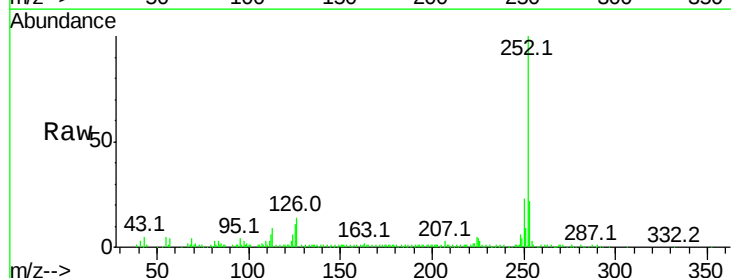
SOHIL

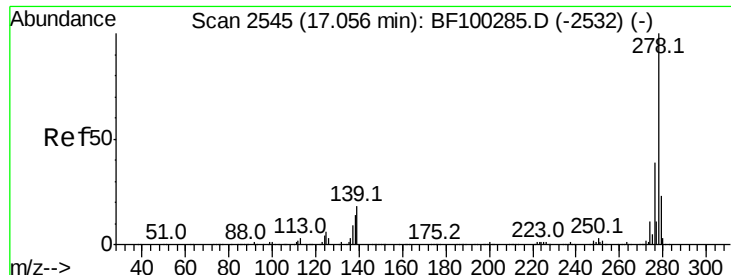
11/20/2017 2:51:17 PM



#89
Benzo(a)pyrene
Concen: 9.142 ng
RT: 15.45 min Scan# 2272
Delta R.T. -0.01 min
Lab File: BF100684.D
Acq: 17 Nov 2017 20:10

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.1	25.7
125	10.9	9.8	14.6





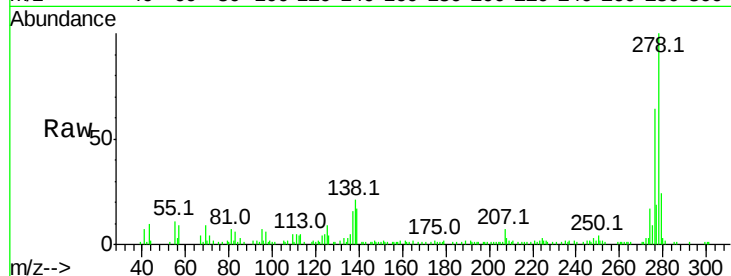
#90
Dibenzo(a,h)anthracene
Concen: 8.085 ng
RT: 17.01 min Scan# 2537
Delta R.T. -0.01 min
Lab File: BF100684.D
Acq: 17 Nov 2017 20:10

Instrument :
BNA_F
ClientSampleId :
SU-01-111417MSD

Tot Ion	Ratio	Lower	Upper
278	100		
139	16.7	15.9	23.9
279	23.9	19.0	28.4

Manual Integrations
APPROVED

SOHIL
11/20/2017 2:51:17 PM

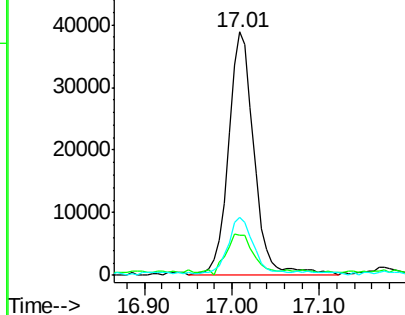


Abundance

Ion 278.00 (277.70 to 278.70): E

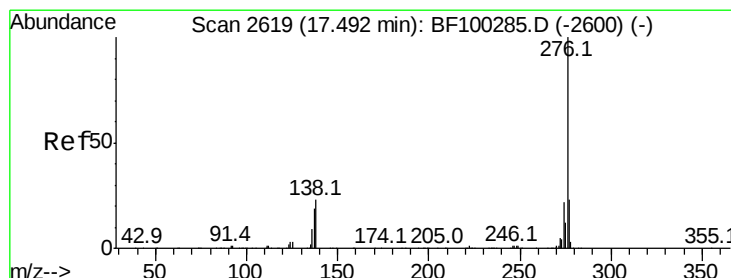
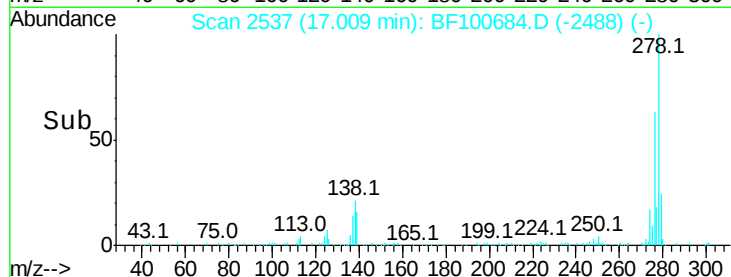
Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



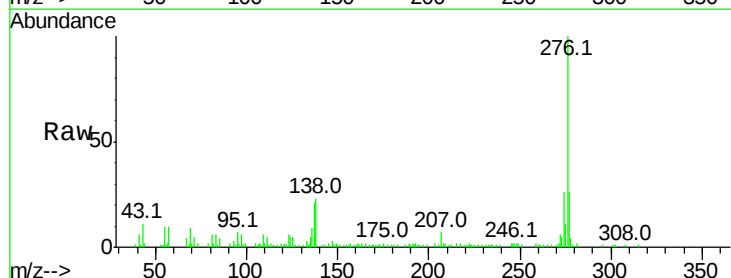
SOHIL

11/20/2017 2:51:17 PM



#91
Benzo(g,h,i)perylene
Concen: 8.125 ng
RT: 17.44 min Scan# 2611
Delta R.T. -0.01 min
Lab File: BF100684.D
Acq: 17 Nov 2017 20:10

Tgt Ion	Ratio	Lower	Upper
276	100		
277	25.8	17.9	26.9
138	22.8	21.8	32.8



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

