

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF111017\
 Data File : BF100396.D
 Acq On : 10 Nov 2017 17:35
 Operator : SJ/JU
 Sample : I6364-02MS 10X
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 N-P001-001-0001-01MS

Manual Integrations
 APPROVED

SOHIL
 11/13/2017 4:43:20 PM

Quant Time: Nov 13 09:45:21 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110817.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 10 15:44:40 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	163425	20.00	ng	0.00
21) Naphthalene-d8	8.18	136	644001	20.00	ng	0.00
38) Acenaphthene-d10	9.94	164	288284	20.00	ng	0.00
63) Phenanthrene-d10	11.42	188	475629	20.00	ng	0.00
75) Chrysene-d12	14.06	240	351682	20.00	ng	0.00
86) Perylene-d12	15.54	264	315757	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	105937	10.39	ng	-0.01
7) Phenol-d6	6.51	99	132694	10.55	ng	-0.02
23) Nitrobenzene-d5	7.46	82	75563	7.76	ng	-0.01
41) 2,4,6-Tribromophenol	10.72	330	26886	9.15	ng	-0.01
44) 2-Fluorobiphenyl	9.25	172	162275	8.57	ng	-0.01
78) Terphenyl-d14	13.00	244	108728	7.10	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.69	88	12726	2.561	ng	# 88
4) n-Nitrosodimethylamine	3.42	42	18871	2.867	ng	# 94
8) 2-Chlorophenol	6.68	128	38210	3.543	ng	99
9) Benzaldehyde	6.45	77	22595	2.517	ng	91
10) Phenol	6.52	94	49905	3.781	ng	100
11) bis(2-Chloroethyl)ether	6.63	93	36828	3.322	ng	94
12) 1,3-Dichlorobenzene	6.84	146	41824	3.364	ng	95
13) 1,4-Dichlorobenzene	6.92	146	42510	3.378	ng	98
14) 1,2-Dichlorobenzene	7.07	146	41828	3.595	ng	96
15) Benzyl Alcohol	7.03	79	31867	3.248	ng	95
16) 2,2'-oxybis(1-Chloropropan	7.17	45	65562	3.698	ng	95
17) 2-Methylphenol	7.14	107	30653	3.326	ng	98
18) Hexachloroethane	7.42	117	11823	2.849	ng	97
19) n-Nitroso-di-n-propylamine	7.30	70	28648	3.286	ng	98
20) 3+4-Methylphenols	7.29	107	40557	3.477	ng	91
22) Acetophenone	7.30	105	56089	3.572	ng	98
24) Nitrobenzene	7.47	77	38092	3.799	ng	96
25) Isophorone	7.72	82	70607	3.449	ng	98
26) 2-Nitrophenol	7.79	139	13777	7.981	ng	93
27) 2,4-Dimethylphenol	7.82	122	34249	3.732	ng	99
28) bis(2-Chloroethoxy)methane	7.92	93	46745	3.491	ng	97
29) 2,4-Dichlorophenol	8.03	162	28145	3.213	ng	94
30) 1,2,4-Trichlorobenzene	8.12	180	34012	3.589	ng	97
31) Naphthalene	8.20	128	111328	3.589	ng	100
32) Benzoic acid	7.86	122	4370	9.871	ng	84
34) Hexachlorobutadiene	8.32	225	19791	3.513	ng	93
36) 4-Chloro-3-methylphenol	8.72	107	31446	3.342	ng	97
37) 2-Methylnaphthalene	8.89	142	75241	3.654	ng	97
39) 1,2,4,5-Tetrachlorobenzene	9.06	216	33252	3.478	ng	97
42) 2,4,6-Trichlorophenol	9.17	196	20151	3.325	ng	93
43) 2,4,5-Trichlorophenol	9.20	196	21541	3.431	ng	91
45) 1,1'-Biphenyl	9.36	154	92003	3.690	ng	95
46) 2-Chloronaphthalene	9.38	162	68949	3.812	ng	97
47) 2-Nitroaniline	9.47	65	18819	6.101	ng	100

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF111017\
 Data File : BF100396.D
 Acq On : 10 Nov 2017 17:35
 Operator : SJ/JU
 Sample : I6364-02MS 10X
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 N-P001-001-0001-01MS

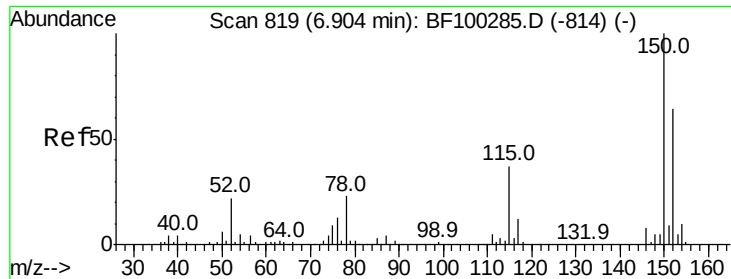
Manual Integrations
 APPROVED

SOHIL
 11/13/2017 4:43:20 PM

Quant Time: Nov 13 09:45:21 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110817.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 10 15:44:40 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
48) Acenaphthylene	9.80	152	99974	3.335	nq	99
49) Dimethylphthalate	9.65	163	84766	3.851	nq	99
50) 2,6-Dinitrotoluene	9.71	165	13108	3.009	nq	99
51) Acenaphthene	9.97	154	62174	3.410	nq	98
53) 2,4-Dinitrophenol	9.99	184	705	8.327	nq #	47
54) Dibenzofuran	10.14	168	90876	3.556	nq	99
55) 4-Nitrophenol	10.03	139	18433	4.412	nq	96
56) 2,4-Dinitrotoluene	10.11	165	15109	2.749	nq #	94
57) Fluorene	10.48	166	69632	3.720	nq	100
58) 2,3,4,6-Tetrachlorophenol	10.26	232	16224	3.153	nq #	88
59) Diethylphthalate	10.35	149	75105	3.410	nq	96
60) 4-Chlorophenyl-phenylether	10.47	204	35611	3.878	nq	93
61) 4-Nitroaniline	10.49	138	12125	2.485	nq	92
62) Azobenzene	10.63	77	73495	3.543	nq	97
64) 4,6-Dinitro-2-methylphenol	10.52	198	708	8.812	nq #	59
65) n-Nitrosodiphenylamine	10.59	169	63890	3.863	nq	92
66) 4-Bromophenyl-phenylether	10.97	248	19097	3.745	nq #	80
67) Hexachlorobenzene	11.03	284	19851	3.723	nq	93
68) Atrazine	11.11	200	17722	3.540	nq	98
69) Pentachlorophenol	11.22	266	16741	4.378	nq	96
70) Phenanthrene	11.44	178	91450	3.652	nq	98
71) Anthracene	11.50	178	93235	3.670	nq	97
72) Carbazole	11.65	167	75998	3.242	nq	96
73) Di-n-butylphthalate	11.98	149	110414	4.025	nq	98
74) Fluoranthene	12.63	202	82724	3.117	nq	98
77) Pyrene	12.86	202	83428	3.328	nq	97
79) Butylbenzylphthalate	13.48	149	37219	3.640	nq #	93
80) Benzo(a)anthracene	14.05	228	72578	3.427	nq	98
82) Chrysene	14.09	228	69190	3.374	nq	96
83) Bis(2-ethylhexyl)phthalate	14.03	149	54048	4.019	nq #	97
84) Di-n-octyl phthalate	14.65	149	82328	3.564	nq #	95
85) Indeno(1,2,3-cd)pyrene	17.03	276	50951	3.072	nq	96
87) Benzo(b)fluoranthene	15.10	252	66039	3.530	nq	95
88) Benzo(k)fluoranthene	15.13	252	58746	3.324	nq	98
89) Benzo(a)pyrene	15.47	252	56983	3.436	nq #	97
90) Dibenzo(a,h)anthracene	17.05	278	41807	3.082	nq	94
91) Benzo(g,h,i)perylene	17.48	276	43781	3.298	nq	96

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



#1

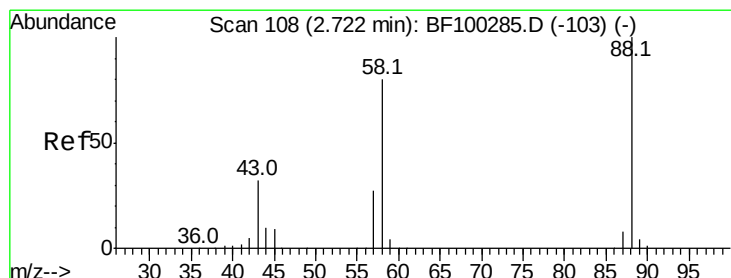
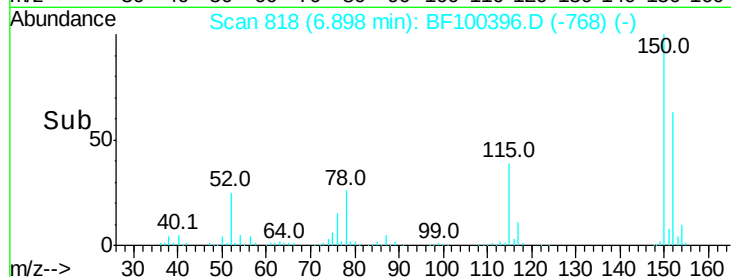
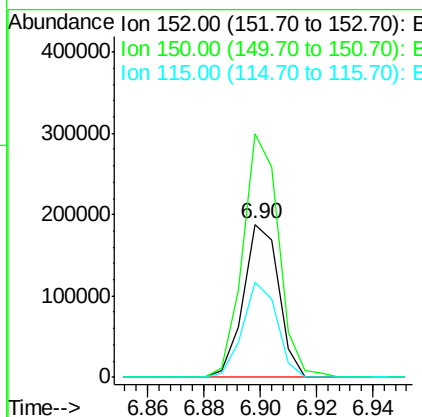
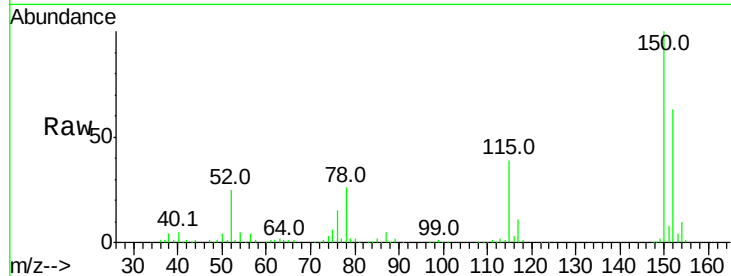
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.90 min Scan# 818
Delta R.T. -0.01 min
Lab File: BF100396.D
Acq: 10 Nov 2017 17:35

Instrument :
BNA_F
ClientSampleId :
N-P001-001-0001-01MS

Tot Ion	Ratio	Lower	Upper
152	100		
150	159.1	124.6	186.8
115	62.3	50.1	75.1

Manual Integrations
APPROVED

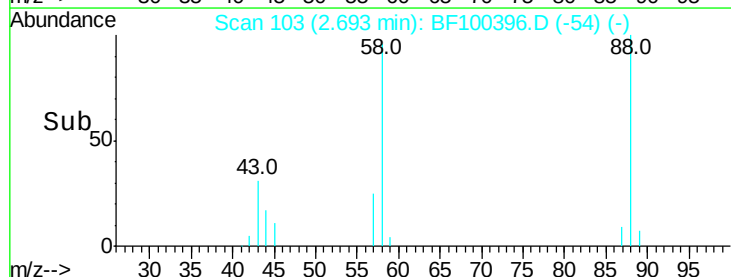
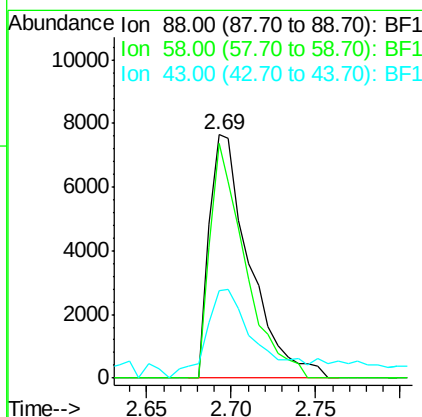
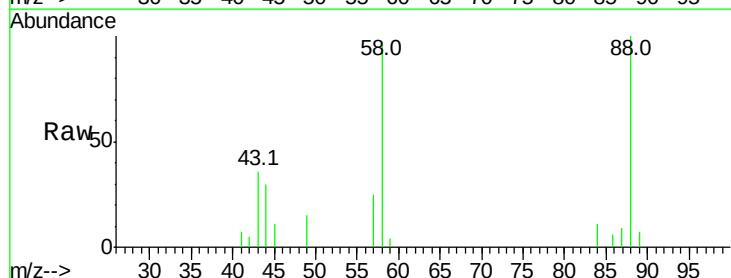
SOHIL
11/13/2017 4:43:20 PM

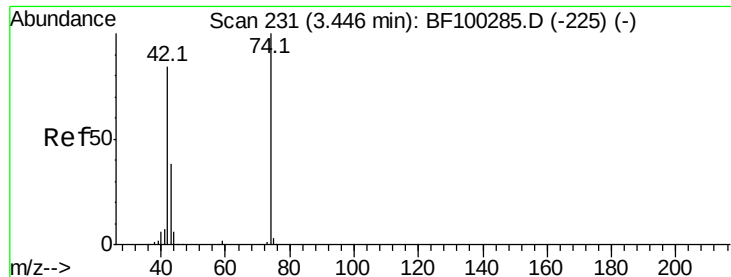


#2

1,4-Dioxane
Concen: 2.561 ng
RT: 2.69 min Scan# 103
Delta R.T. -0.01 min
Lab File: BF100396.D
Acq: 10 Nov 2017 17:35

Tgt Ion	Ratio	Lower	Upper
88	100		
58	84.1	62.6	93.8
43	44.4	24.6	37.0





#4

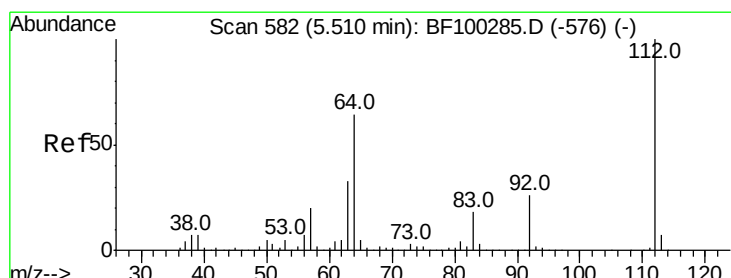
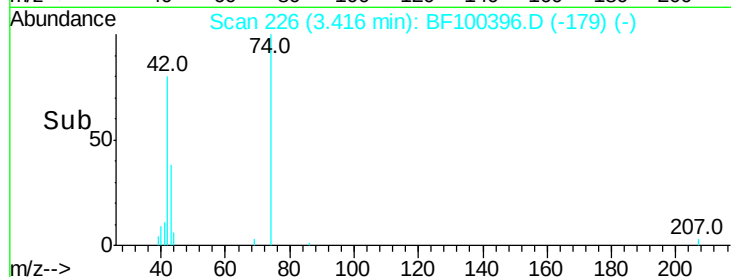
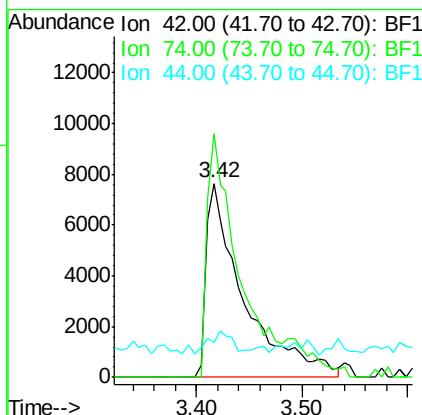
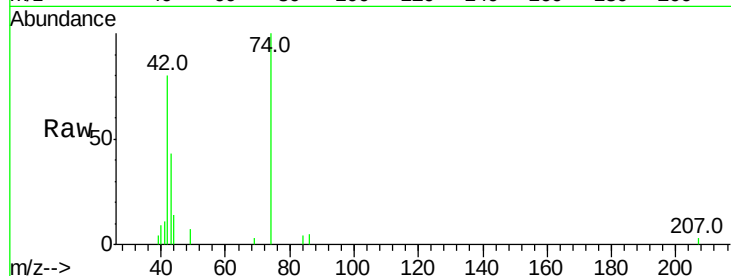
n-Nitrosodimethylamine
 Concen: 2.867 ng
 RT: 3.42 min Scan# 226
 Delta R.T. -0.02 min
 Lab File: BF100396.D
 Acq: 10 Nov 2017 17:35

Instrument :
 BNA_F
 ClientSampleId :
 N-P001-001-0001-01MS

Tot Ion	Ratio	Lower	Upper
42	100		
74	125.5	104.9	157.3
44	18.0	6.9	10.3#

Manual Integrations
 APPROVED

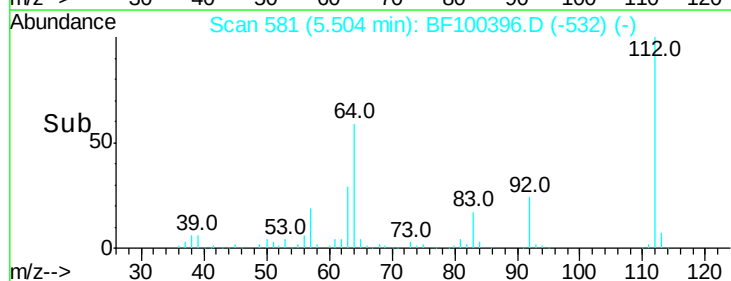
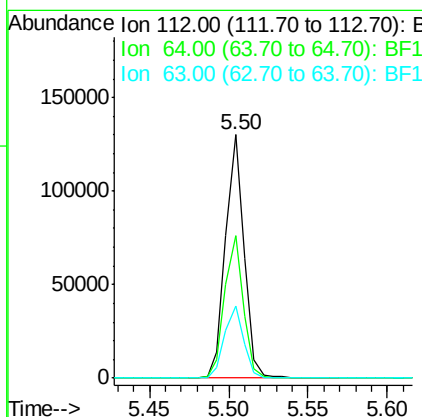
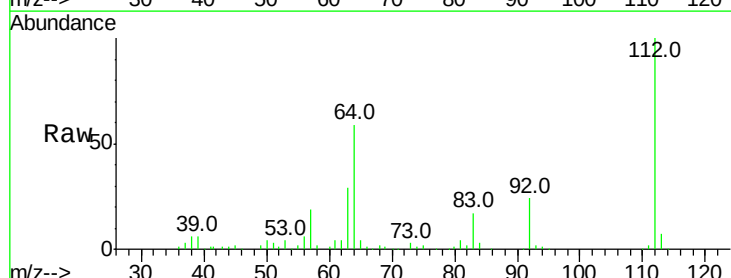
SOHIL
 11/13/2017 4:43:20 PM

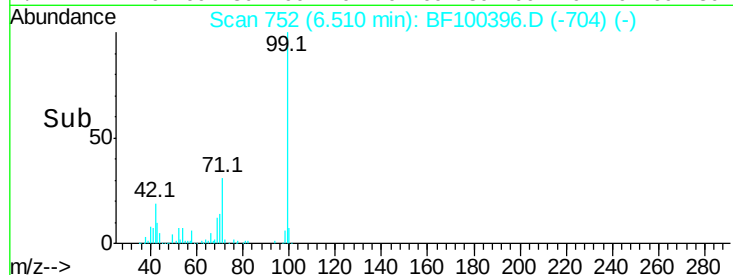
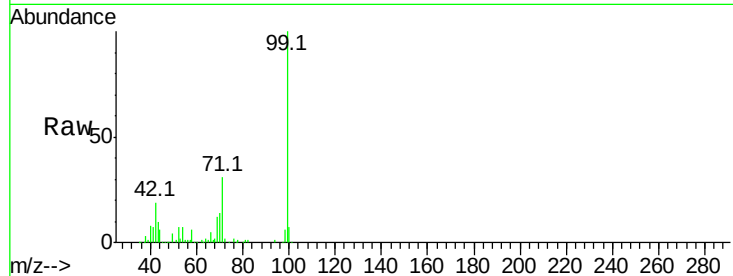
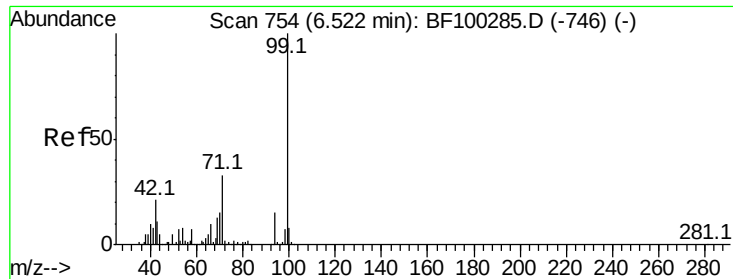


#5

2-Fluorophenol
 Concen: 10.391 ng
 RT: 5.50 min Scan# 581
 Delta R.T. -0.01 min
 Lab File: BF100396.D
 Acq: 10 Nov 2017 17:35

Tgt Ion	Ratio	Lower	Upper
112	100		
64	58.7	47.9	71.9
63	29.5	23.7	35.5





#7

Phenol-d6

Concen: 10.555 ng

RT: 6.51 min Scan# 752

Delta R.T. -0.02 min

Lab File: BF100396.D

Acq: 10 Nov 2017 17:35

Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		132694		
42	19.4	14.5	21.7		
71	31.5	25.4	38.0		

Instrument :

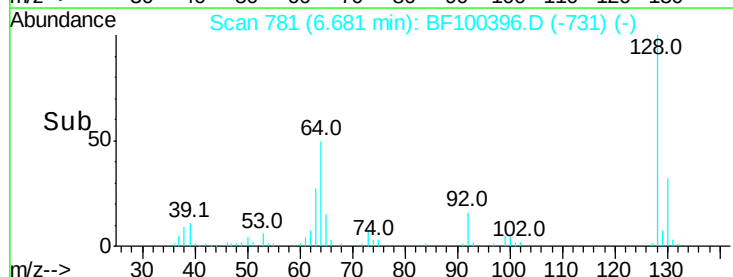
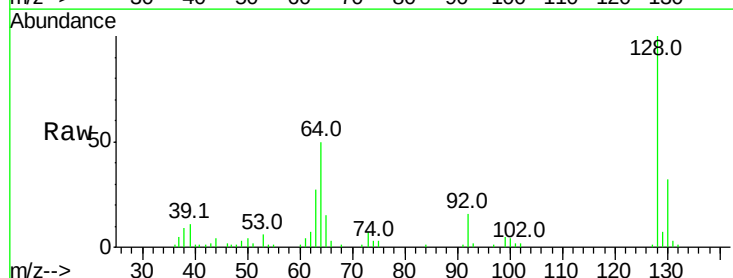
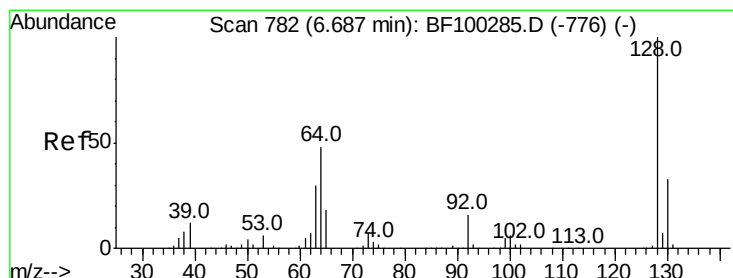
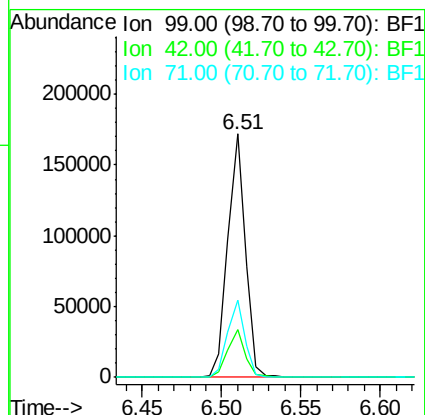
BNA_F

ClientSampleId :

N-P001-001-0001-01MS

Manual Integrations
APPROVED

SOHIL
11/13/2017 4:43:20 PM



#8

2-Chlorophenol

Concen: 3.543 ng

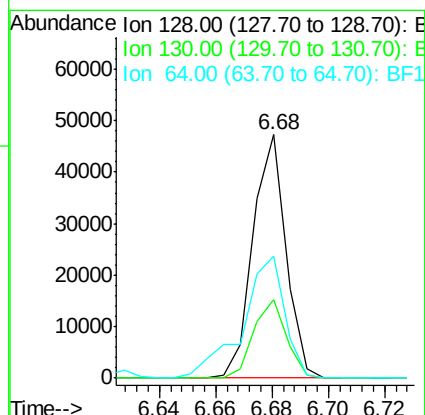
RT: 6.68 min Scan# 781

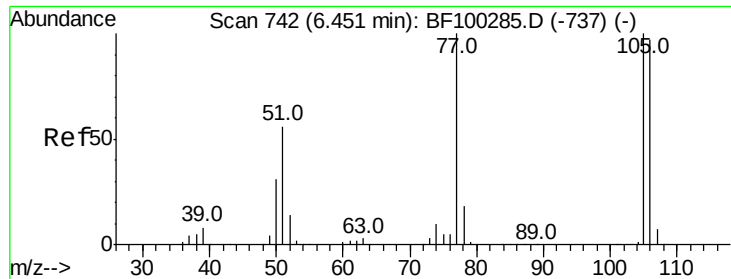
Delta R.T. -0.01 min

Lab File: BF100396.D

Acq: 10 Nov 2017 17:35

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
128	100		38210		
130	32.0	13.0	53.0		
64	50.1	29.4	69.4		





#9

Benzaldehyde

Concen: 2.517 ng

RT: 6.45 min Scan# 742

Delta R.T. -0.01 min

Lab File: BF100396.D

Acq: 10 Nov 2017 17:35

Instrument :

BNA_F

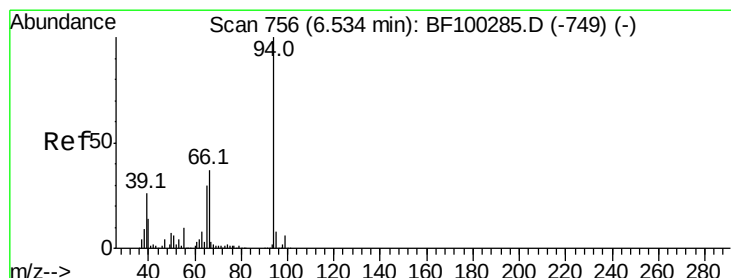
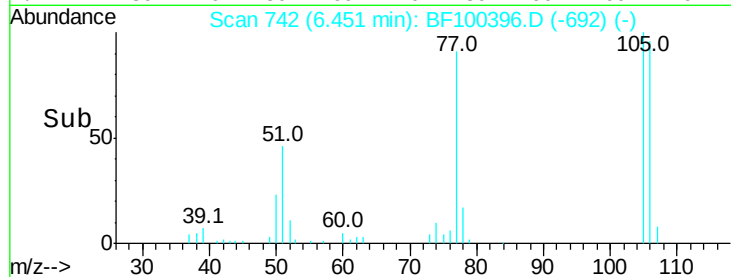
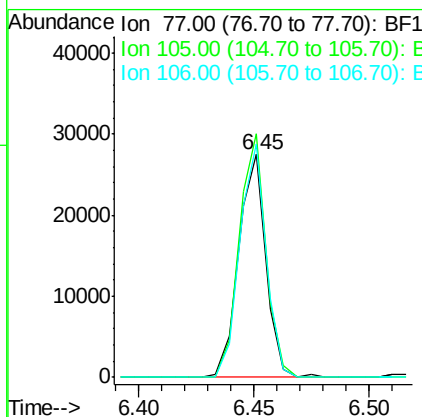
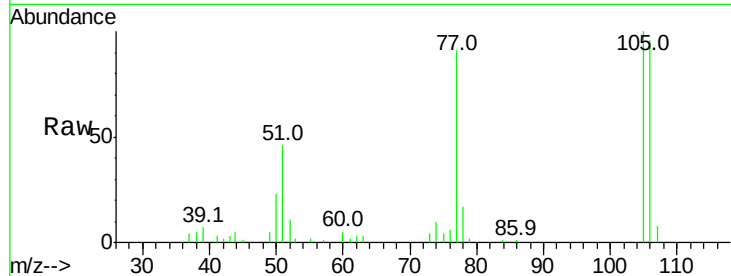
ClientSampleId :

N-P001-001-0001-01MS

Tot Ion:	77	Resp:	22595
Ion	Ratio	Lower	Upper
77	100		
105	109.4	81.1	121.1
106	104.8	74.5	114.5

Manual Integrations
APPROVED

SOHIL
11/13/2017 4:43:20 PM



#10

Phenol

Concen: 3.781 ng

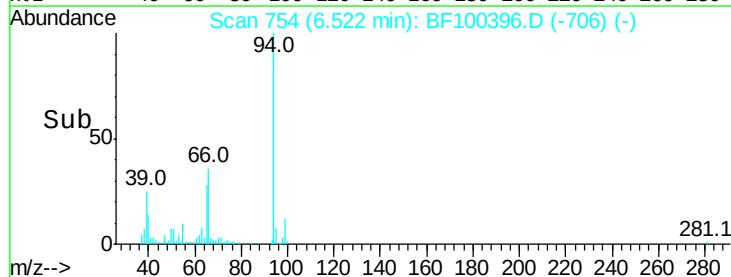
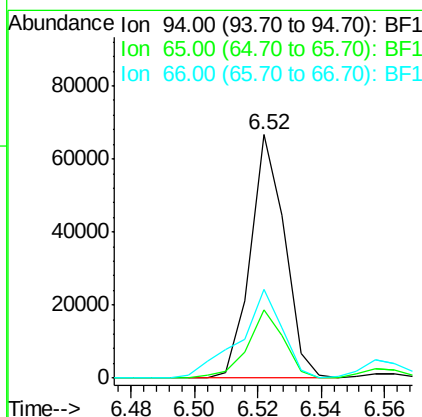
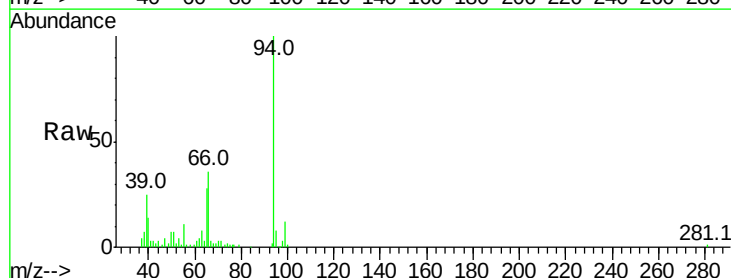
RT: 6.52 min Scan# 754

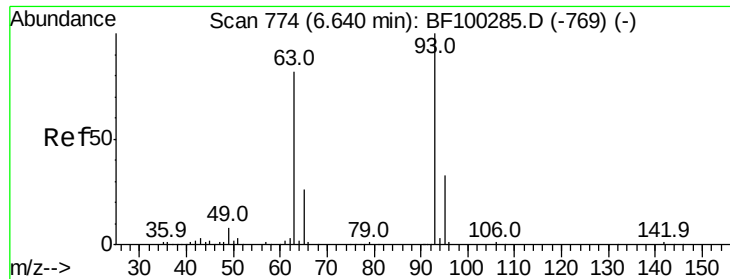
Delta R.T. -0.02 min

Lab File: BF100396.D

Acq: 10 Nov 2017 17:35

Tgt Ion:	94	Resp:	49905
Ion	Ratio	Lower	Upper
94	100		
65	28.0	7.9	47.9
66	36.4	16.2	56.2





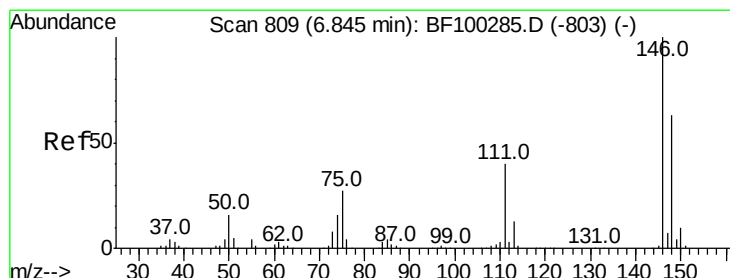
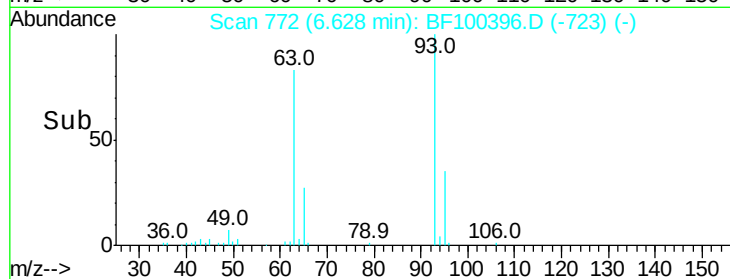
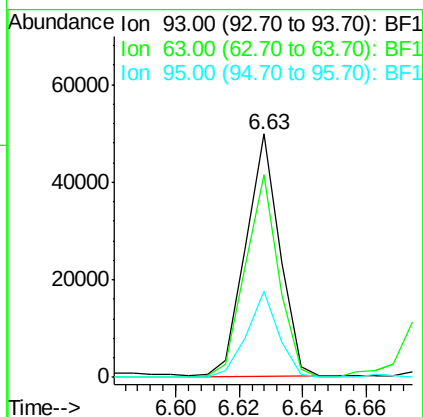
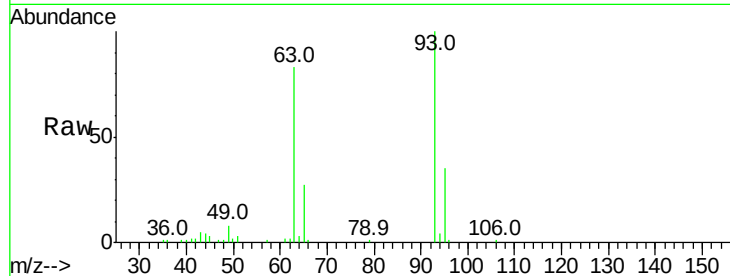
#11
bis(2-Chloroethyl)ether
Concen: 3.322 ng
RT: 6.63 min Scan# 772
Delta R.T. -0.01 min
Lab File: BF100396.D
Acq: 10 Nov 2017 17:35

Instrument :
BNA_F
ClientSampleId :
N-P001-001-0001-01MS

Tot Ion	93	Resp	36828
Ion Ratio	100	Lower	Upper
93	100		
63	83.3	58.6	98.6
95	35.4	11.8	51.8

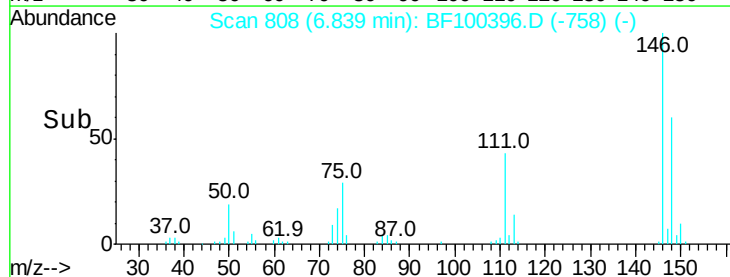
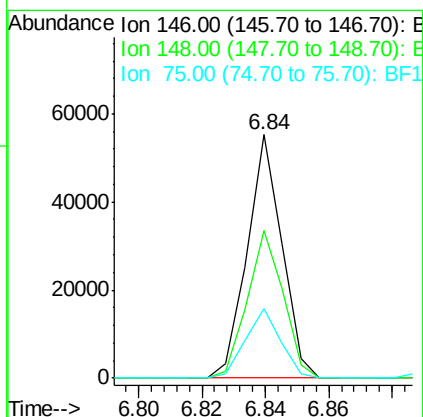
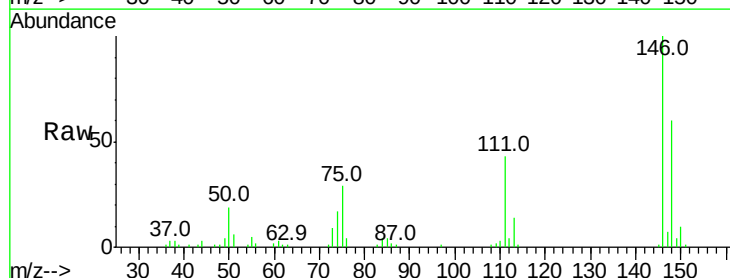
Manual Integrations
APPROVED

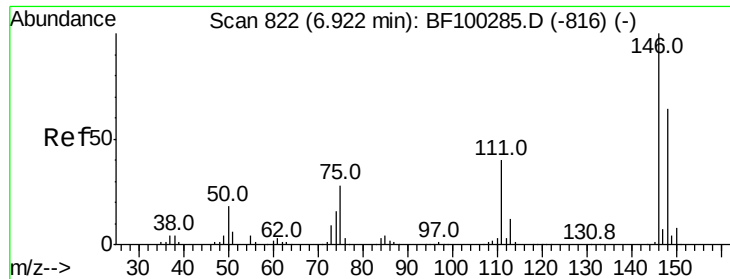
SOHIL
11/13/2017 4:43:20 PM



#12
1,3-Dichlorobenzene
Concen: 3.364 ng
RT: 6.84 min Scan# 808
Delta R.T. -0.01 min
Lab File: BF100396.D
Acq: 10 Nov 2017 17:35

Tgt Ion	146	Resp	41824
Ion Ratio	100	Lower	Upper
146	100		
148	60.4	51.8	77.8
75	28.7	24.2	36.4





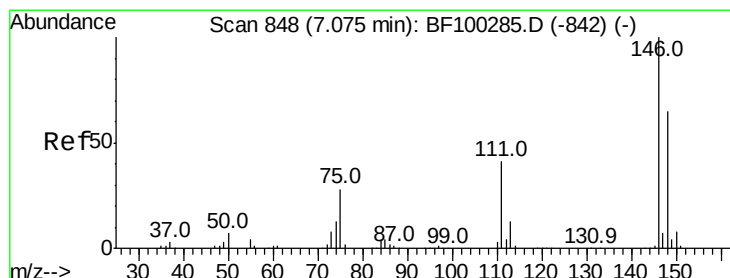
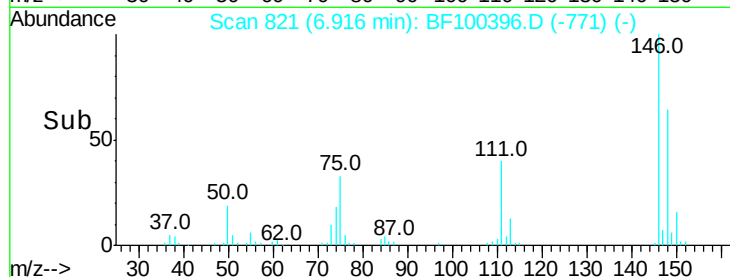
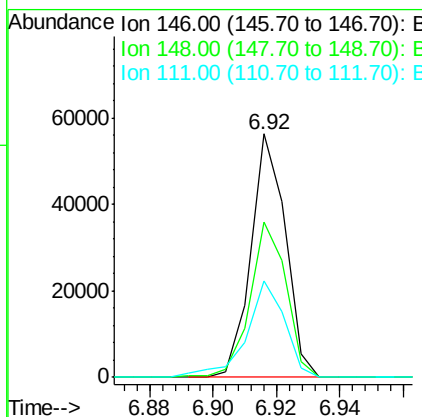
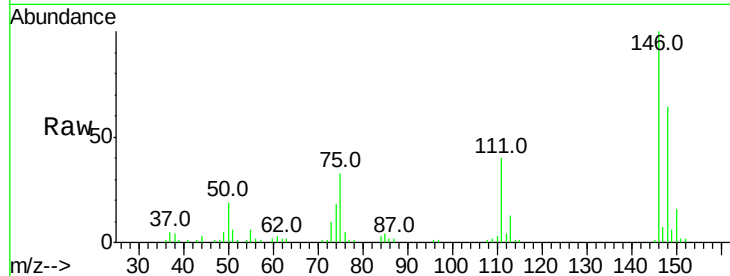
#13
1,4-Dichlorobenzene
Concen: 3.378 ng
RT: 6.92 min Scan# 821
Delta R.T. -0.01 min
Lab File: BF100396.D
Acq: 10 Nov 2017 17:35

Instrument :
BNA_F
ClientSampleId :
N-P001-001-0001-01MS

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.8	50.8	76.2
111	39.5	34.2	51.2

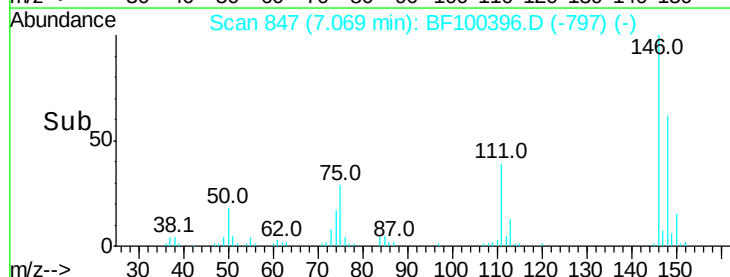
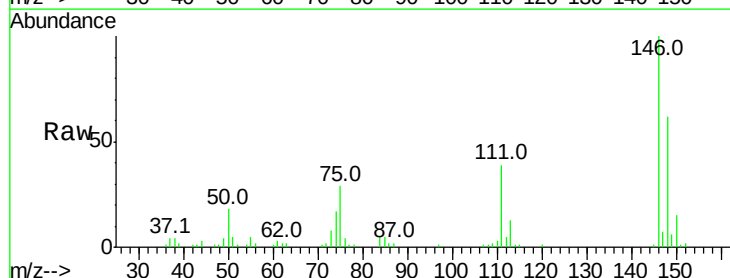
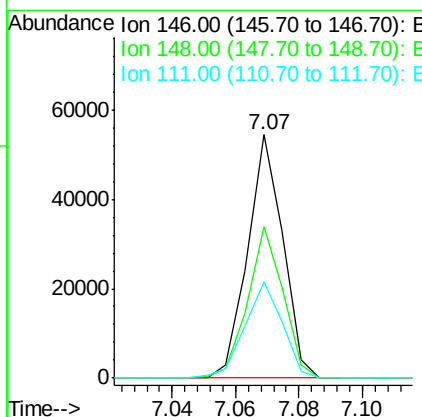
Manual Integrations
APPROVED

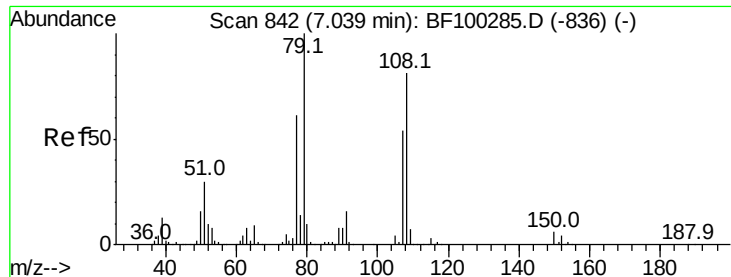
SOHIL
11/13/2017 4:43:20 PM



#14
1,2-Dichlorobenzene
Concen: 3.595 ng
RT: 7.07 min Scan# 847
Delta R.T. -0.01 min
Lab File: BF100396.D
Acq: 10 Nov 2017 17:35

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.2	50.6	75.8
111	39.5	36.0	54.0





#15

Benzyl Alcohol

Concen: 3.248 ng

RT: 7.03 min Scan# 841

Delta R.T. -0.01 min

Lab File: BF100396.D

Acq: 10 Nov 2017 17:35

Instrument :

BNA_F

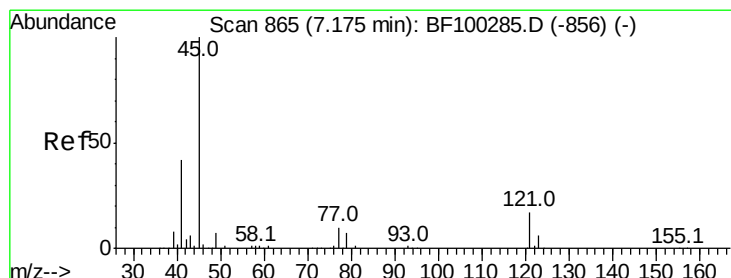
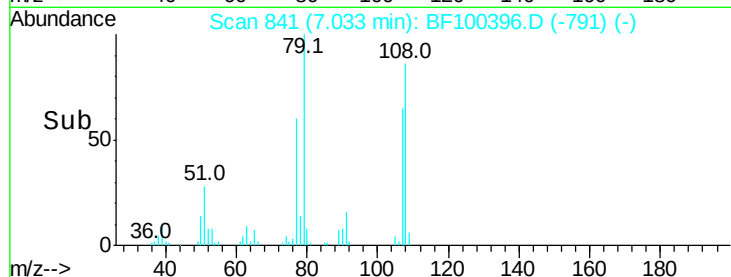
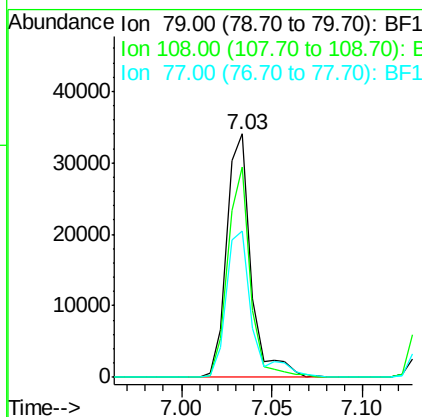
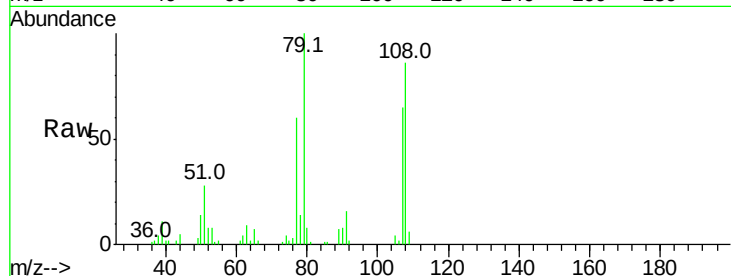
ClientSampleId :

N-P001-001-0001-01MS

Tot Ion:	79	Resp:	31867
Ion Ratio	Lower	Upper	
79	100		
108	86.5	65.1	97.7
77	59.9	50.6	75.8

Manual Integrations
APPROVED

SOHIL
11/13/2017 4:43:20 PM



#16

2,2'-oxybis(1-chloropropane)

Concen: 3.698 ng

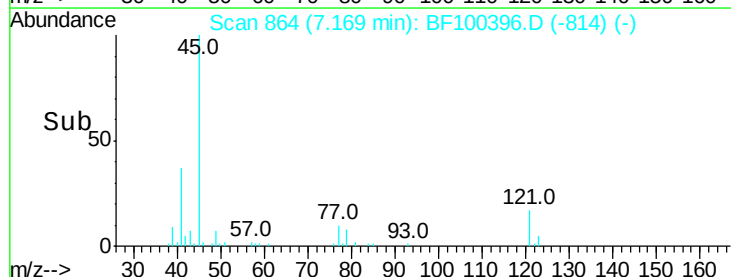
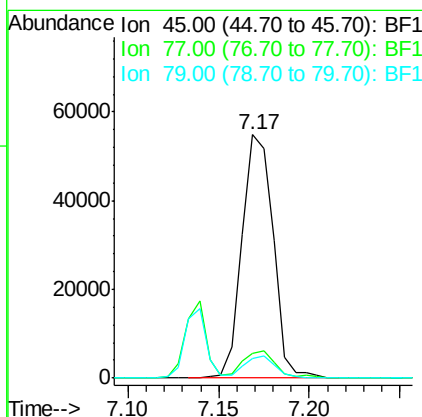
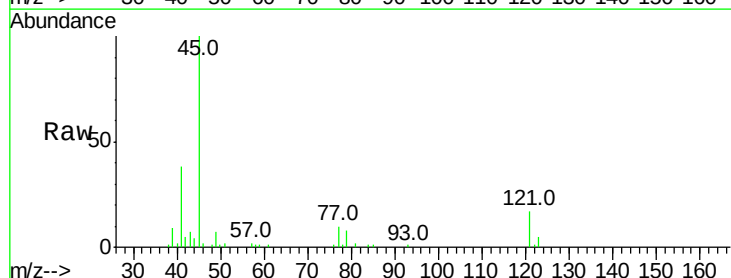
RT: 7.17 min Scan# 864

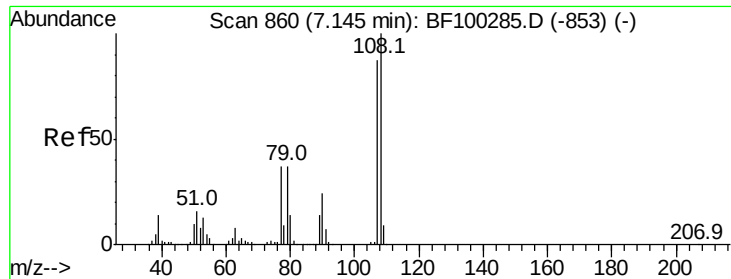
Delta R.T. -0.01 min

Lab File: BF100396.D

Acq: 10 Nov 2017 17:35

Tgt Ion:	45	Resp:	65562
Ion Ratio	Lower	Upper	
45	100		
77	10.3	0.0	32.9
79	8.3	0.0	29.6





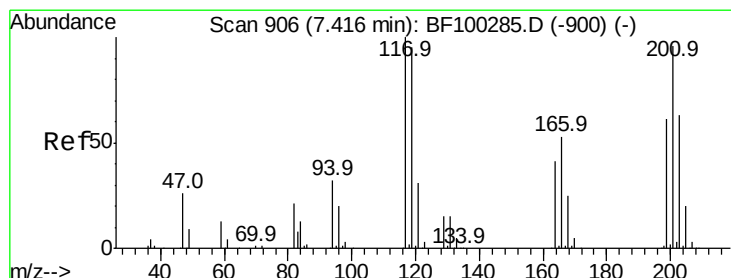
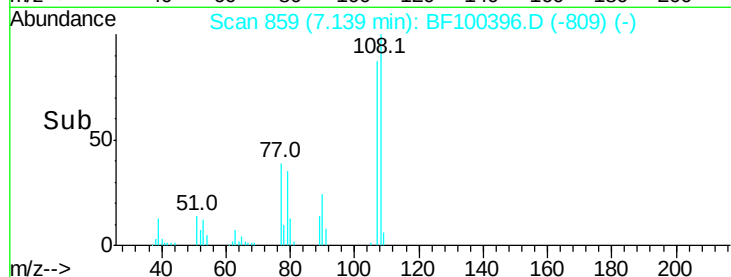
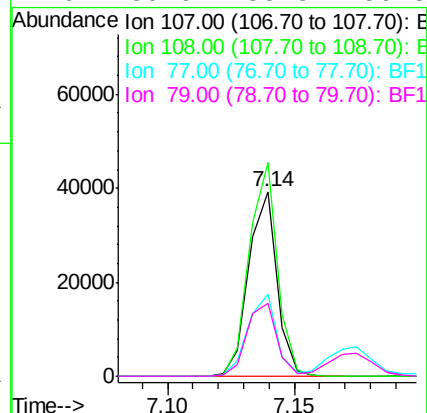
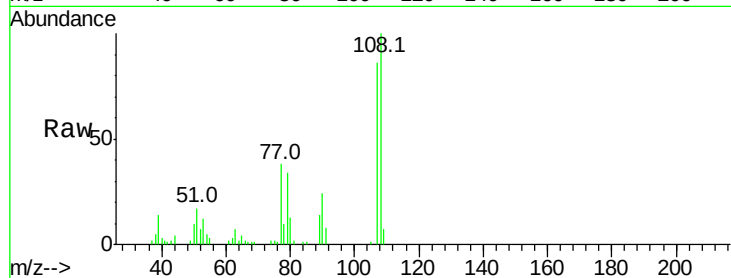
#17
2-Methylphenol
Concen: 3.326 ng
RT: 7.14 min Scan# 859
Delta R.T. -0.01 min
Lab File: BF100396.D
Acq: 10 Nov 2017 17:35

Instrument :
BNA_F
ClientSampleId :
N-P001-001-0001-01MS

Tot Ion:	107	Resp:	30653
Ion Ratio	Lower	Upper	
107	100		
108	115.8	91.7	137.5
77	44.3	33.8	50.8
79	39.9	33.8	50.8

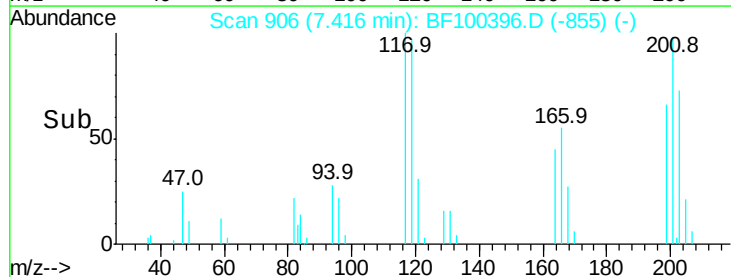
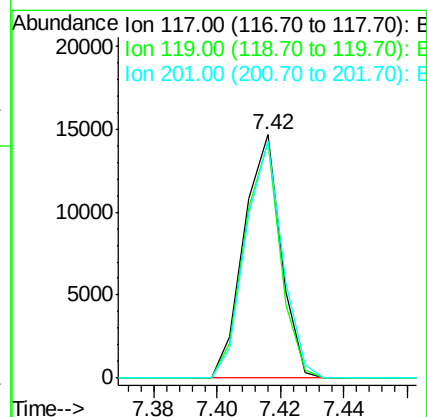
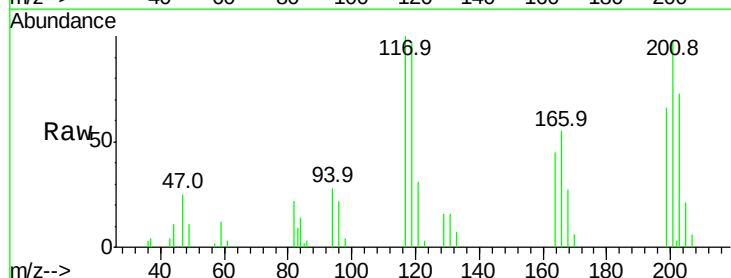
Manual Integrations
APPROVED

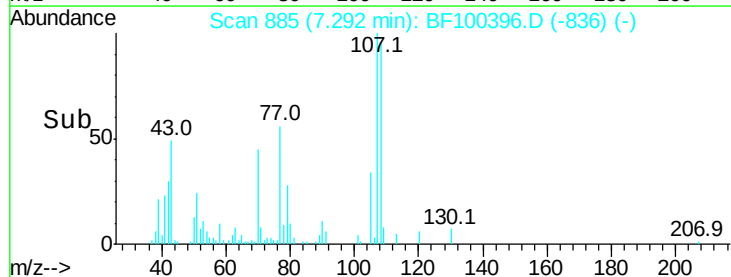
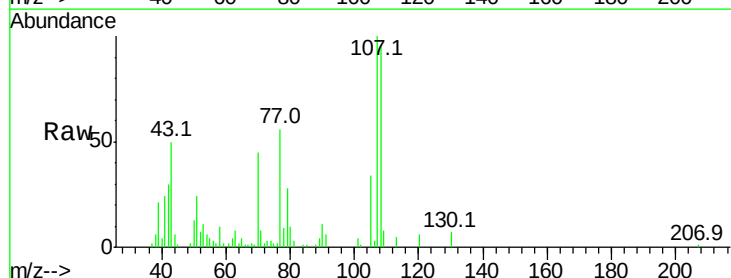
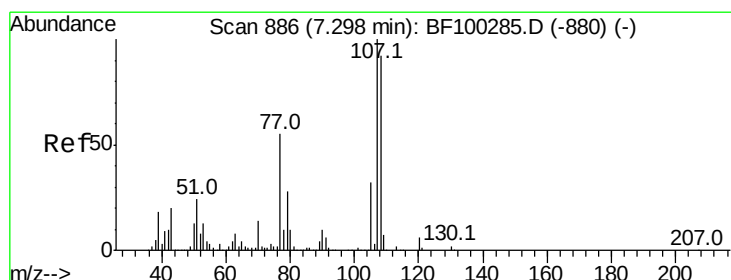
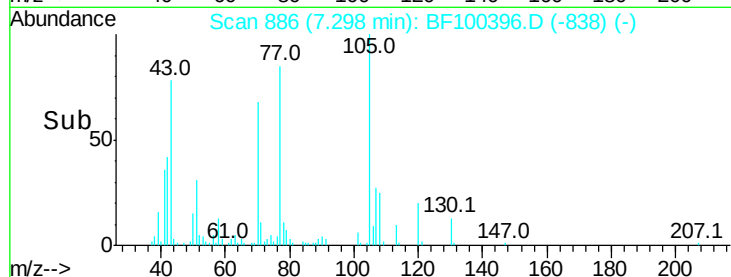
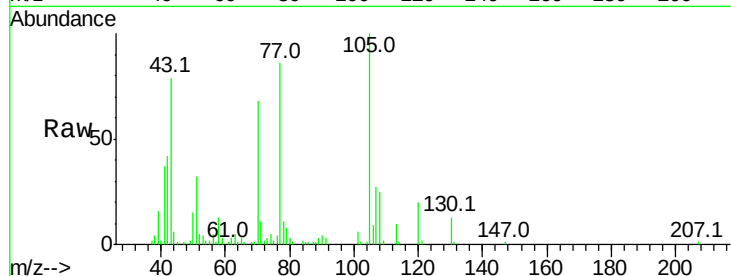
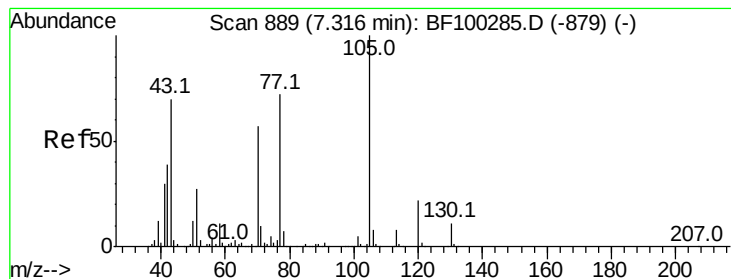
SOHIL
11/13/2017 4:43:20 PM



#18
Hexachloroethane
Concen: 2.849 ng
RT: 7.42 min Scan# 906
Delta R.T. -0.00 min
Lab File: BF100396.D
Acq: 10 Nov 2017 17:35

Tgt Ion:	117	Resp:	11823
Ion Ratio	Lower	Upper	
117	100		
119	96.8	75.8	113.8
201	97.5	75.7	113.5





#19

n-Nitroso-di-n-propylamine

Concen: 3.286 ng

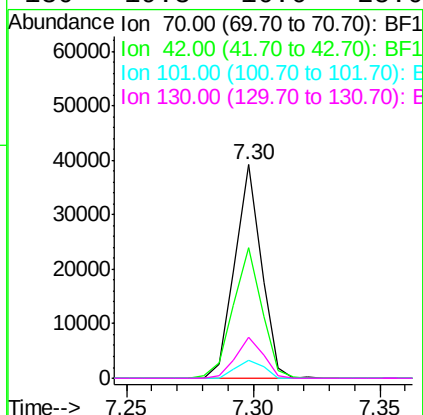
RT: 7.30 min Scan# 886

Delta R.T. -0.02 min

Lab File: BF100396.D

Acq: 10 Nov 2017 17:35

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	61.0	47.5	71.3	
101	8.4	7.4	11.2	
130	19.3	16.6	25.0	



Instrument :

BNA_F

ClientSampleId :

N-P001-001-0001-01MS

Manual Integrations
APPROVED

SOHIL
11/13/2017 4:43:20 PM

#20

3+4-Methylphenols

Concen: 3.477 ng

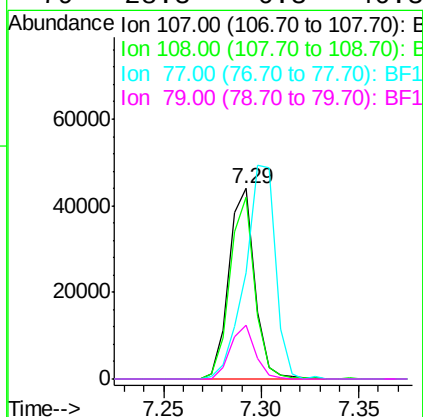
RT: 7.29 min Scan# 885

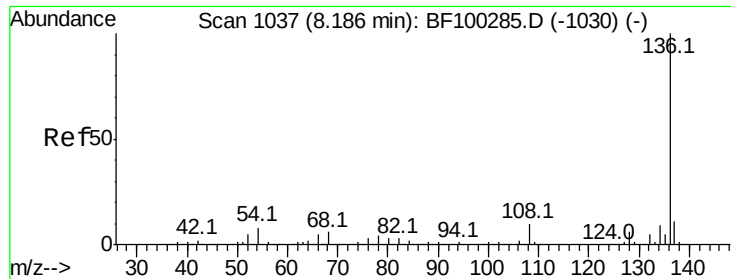
Delta R.T. -0.01 min

Lab File: BF100396.D

Acq: 10 Nov 2017 17:35

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	95.8	68.2	108.2	
77	55.8	26.7	66.7	
79	28.3	6.3	46.3	





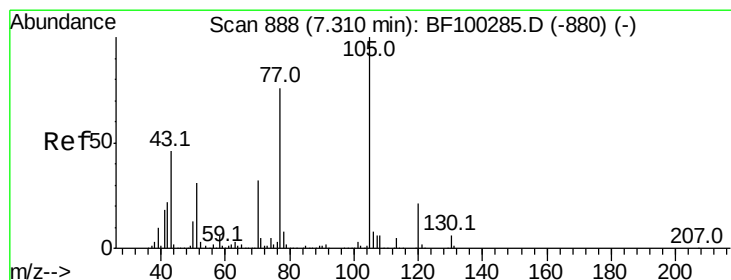
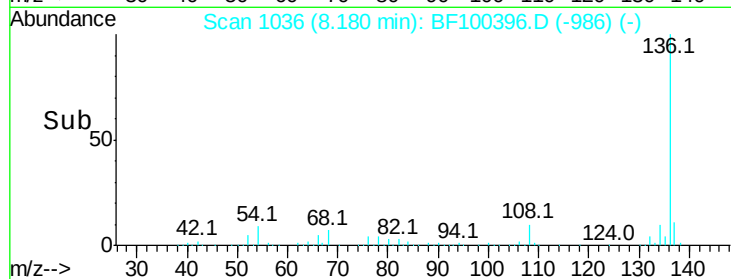
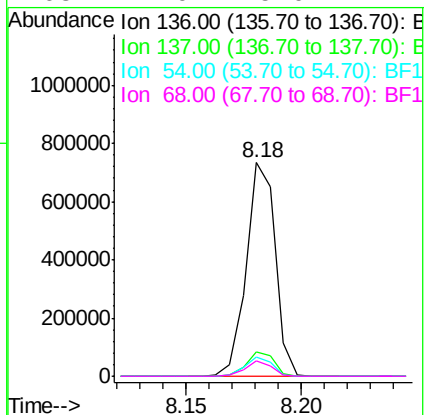
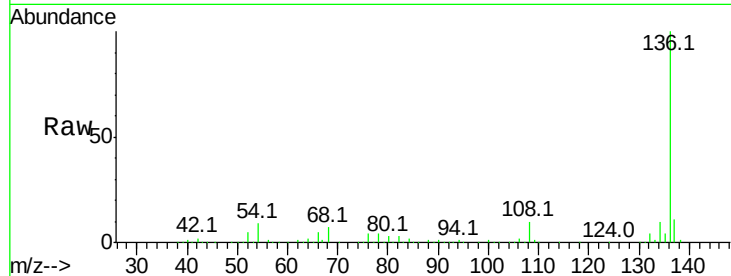
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.18 min Scan# 1036
Delta R.T. -0.01 min
Lab File: BF100396.D
Acq: 10 Nov 2017 17:35

Instrument :
BNA_F
ClientSampleId :
N-P001-001-0001-01MS

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	11.3	8.9	13.3	
54	9.3	6.6	9.8	
68	7.0	5.0	7.4	

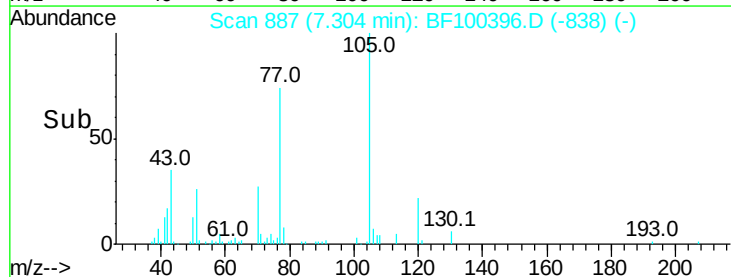
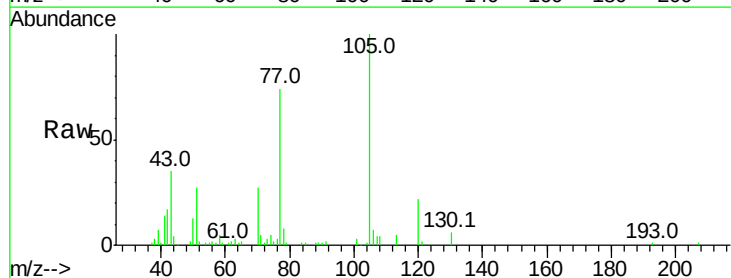
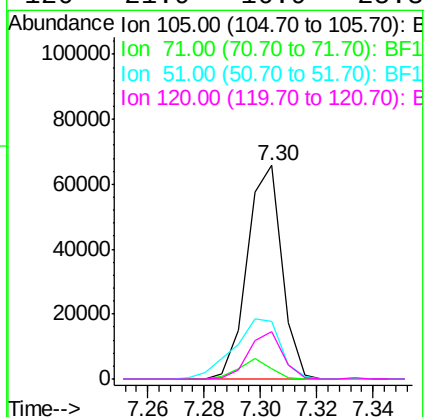
Manual Integrations
APPROVED

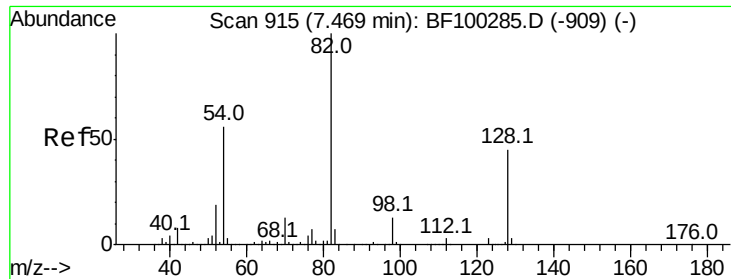
SOHIL
11/13/2017 4:43:20 PM



#22
Acetophenone
Concen: 3.572 ng
RT: 7.30 min Scan# 887
Delta R.T. -0.01 min
Lab File: BF100396.D
Acq: 10 Nov 2017 17:35

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	4.6	4.4	6.6	
51	27.0	22.3	33.5	
120	21.9	16.9	25.3	





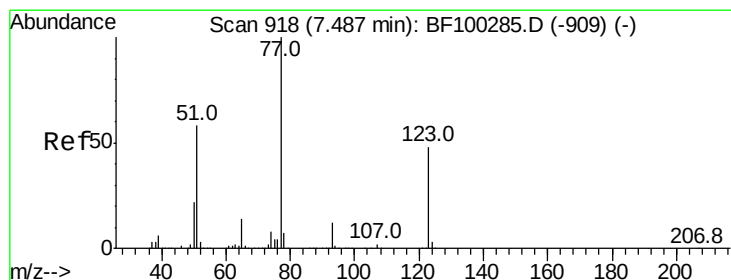
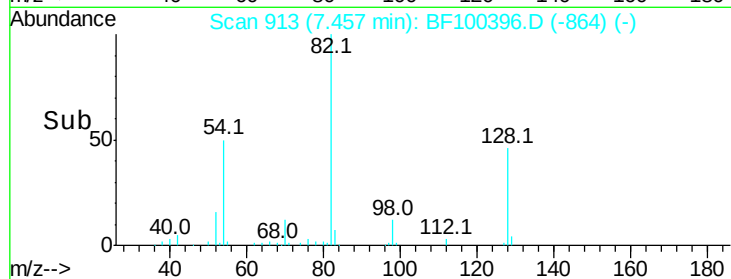
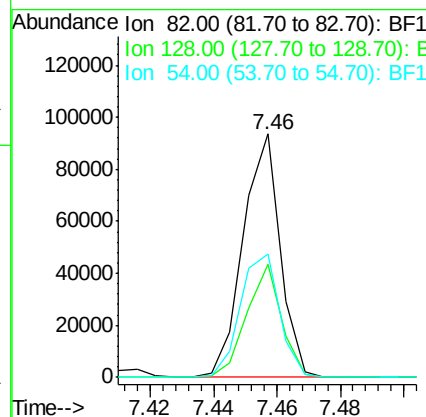
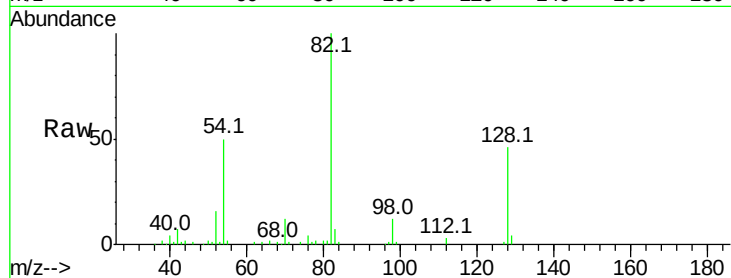
#23
Nitrobenzene-d5
Concen: 7.757 ng
RT: 7.46 min Scan# 913
Delta R.T. -0.01 min
Lab File: BF100396.D
Acq: 10 Nov 2017 17:35

Instrument :
BNA_F
ClientSampleId :
N-P001-001-0001-01MS

Tot Ion	Ratio	Lower	Upper
82	100		
128	46.3	36.1	54.1
54	50.5	41.4	62.2

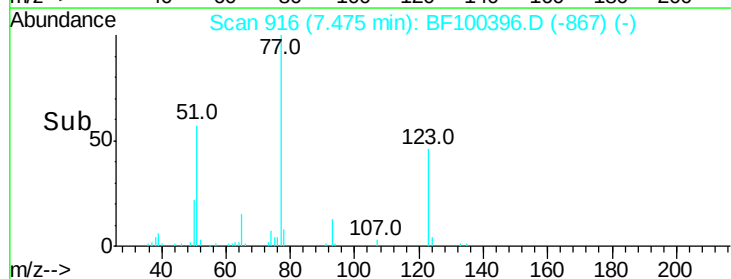
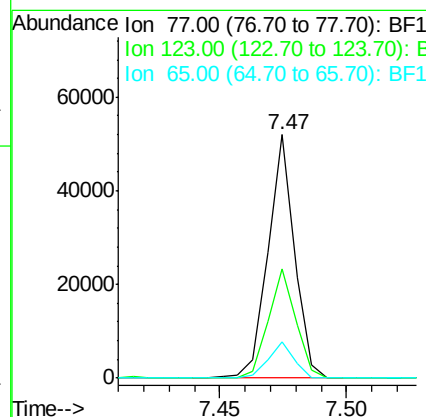
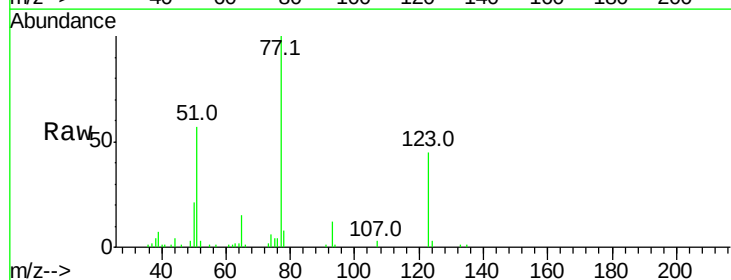
Manual Integrations
APPROVED

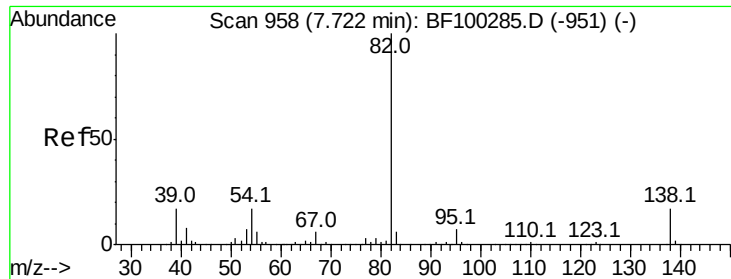
SOHIL
11/13/2017 4:43:20 PM



#24
Nitrobenzene
Concen: 3.799 ng
RT: 7.47 min Scan# 916
Delta R.T. -0.01 min
Lab File: BF100396.D
Acq: 10 Nov 2017 17:35

Tgt Ion	Ratio	Lower	Upper
77	100		
123	44.8	37.9	56.9
65	15.1	11.0	16.4





#25

Isophorone

Concen: 3.449 ng

RT: 7.72 min Scan# 957

Delta R.T. -0.01 min

Lab File: BF100396.D

Acq: 10 Nov 2017 17:35

Instrument :

BNA_F

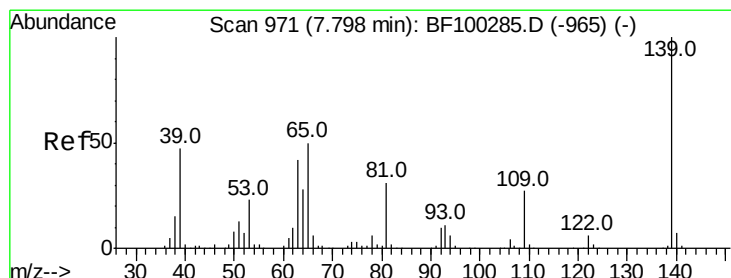
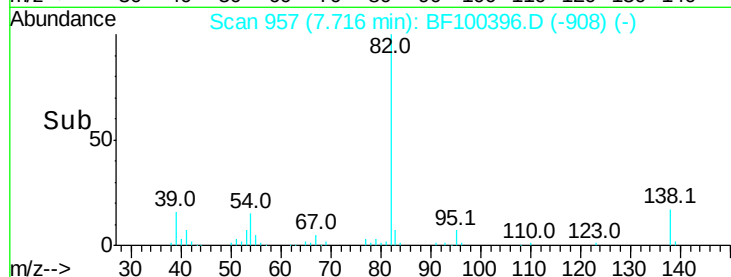
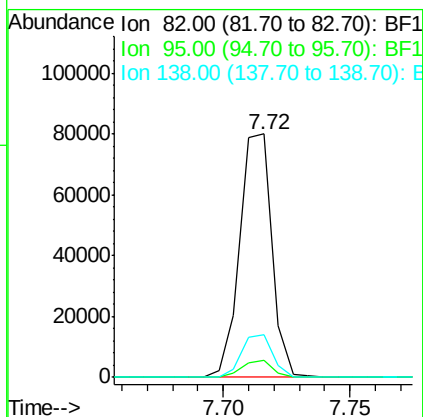
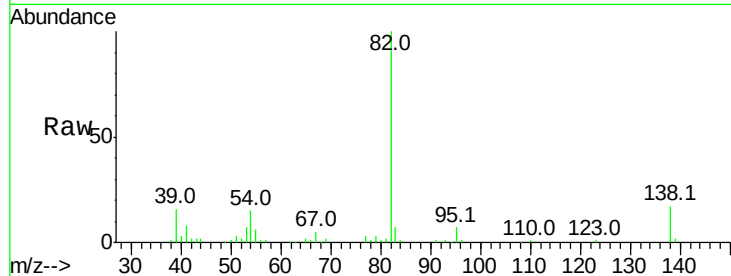
ClientSampleId :

N-P001-001-0001-01MS

Tot Ion:	82	Resp:	70607
Ion Ratio	Lower	Upper	
82	100		
95	6.9	5.2	7.8
138	17.3	14.9	22.3

Manual Integrations
APPROVED

SOHIL
11/13/2017 4:43:20 PM



#26

2-Nitrophenol

Concen: 7.981 ng

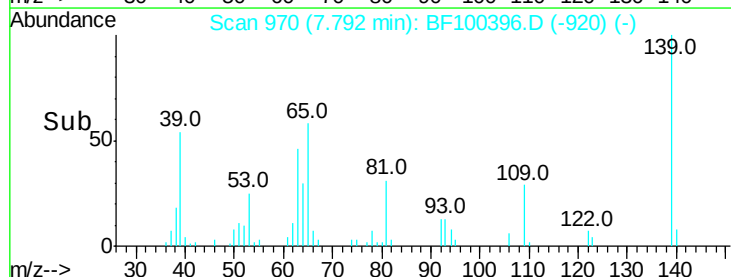
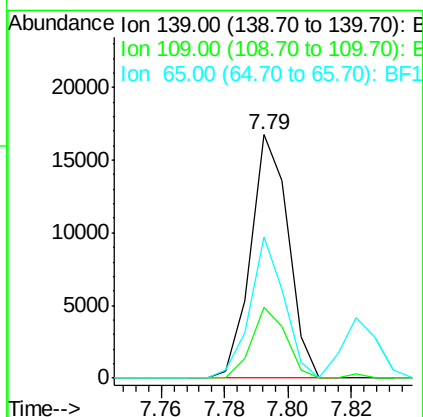
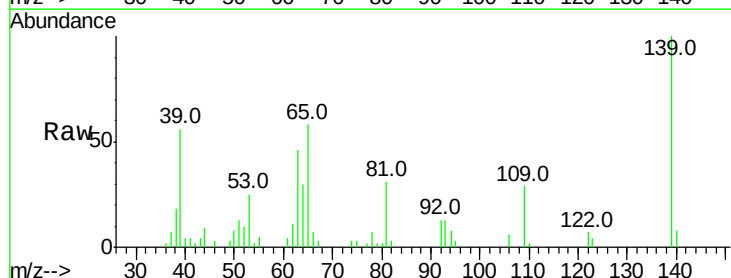
RT: 7.79 min Scan# 970

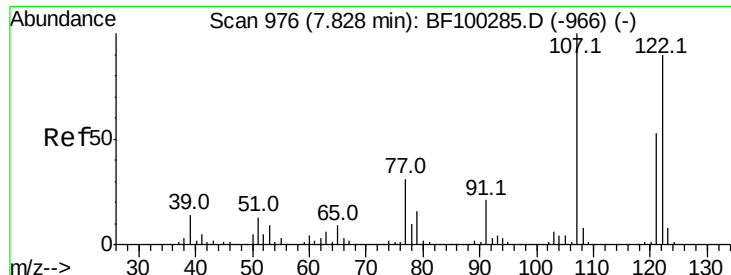
Delta R.T. -0.01 min

Lab File: BF100396.D

Acq: 10 Nov 2017 17:35

Tgt Ion:	139	Resp:	13777
Ion Ratio	Lower	Upper	
139	100		
109	29.3	22.7	34.1
65	58.0	40.5	60.7





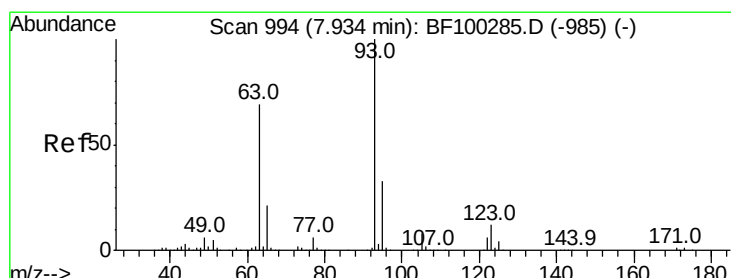
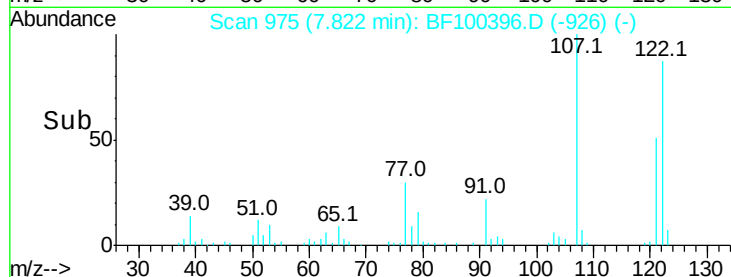
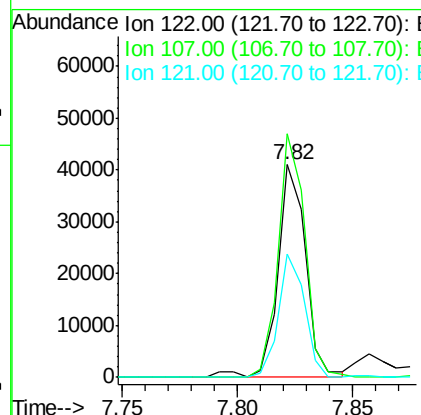
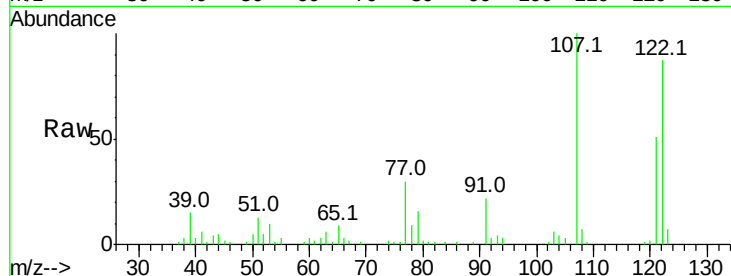
#27
 2,4-Dimethylphenol
 Concen: 3.732 ng
 RT: 7.82 min Scan# 975
 Delta R.T. -0.01 min
 Lab File: BF100396.D
 Acq: 10 Nov 2017 17:35

Instrument :
 BNA_F
 ClientSampleId :
 N-P001-001-0001-01MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
122	100		34249		
107	114.7	91.2		136.8	
121	58.3	47.2		70.8	

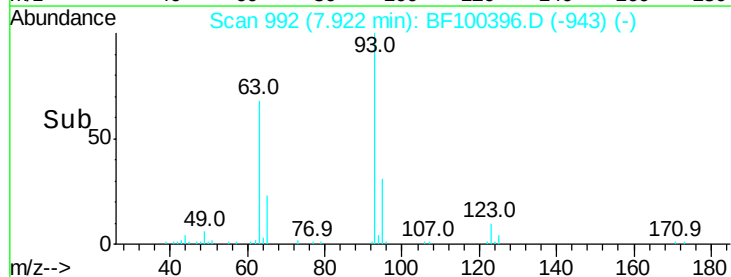
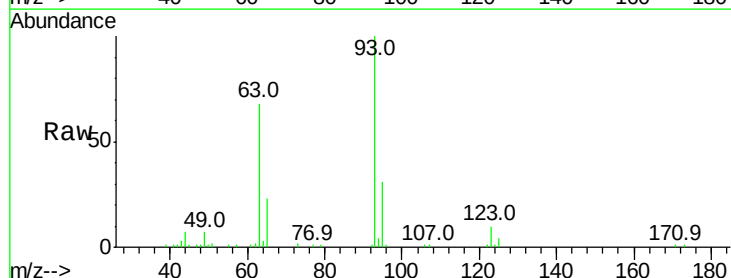
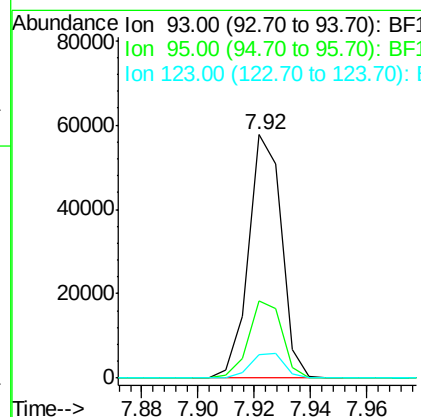
Manual Integrations
 APPROVED

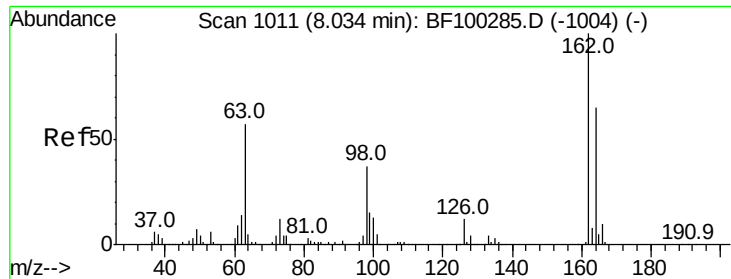
SOHIL
 11/13/2017 4:43:20 PM



#28
 bis(2-Chloroethoxy)methane
 Concen: 3.491 ng
 RT: 7.92 min Scan# 992
 Delta R.T. -0.01 min
 Lab File: BF100396.D
 Acq: 10 Nov 2017 17:35

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
93	100		46745		
95	31.5	26.3		39.5	
123	9.8	9.8		14.6	





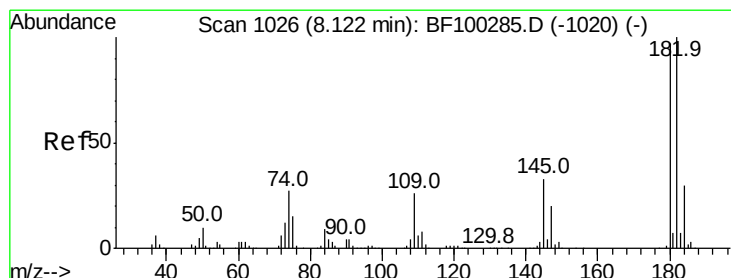
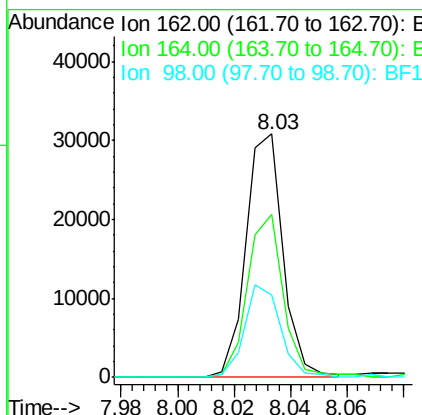
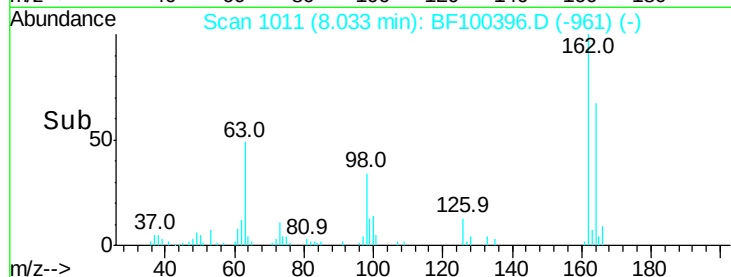
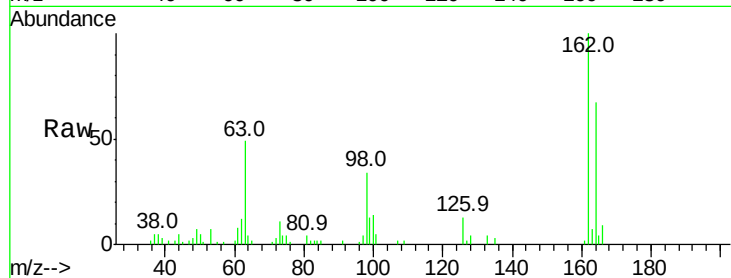
#29
 2,4-Dichlorophenol
 Concen: 3.213 ng
 RT: 8.03 min Scan# 1011
 Delta R.T. -0.01 min
 Lab File: BF100396.D
 Acq: 10 Nov 2017 17:35

Instrument :
 BNA_F
 ClientSampleId :
 N-P001-001-0001-01MS

Tot Ion	Ratio	Lower	Upper
162	100		
164	67.1	42.7	82.7
98	34.0	18.1	58.1

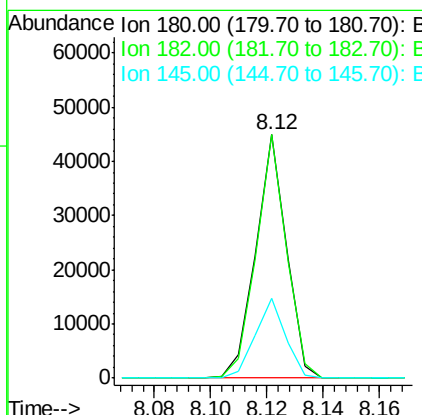
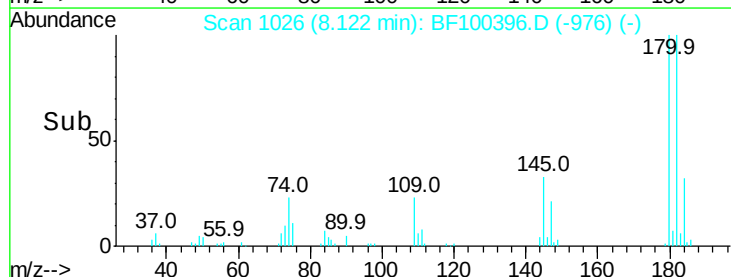
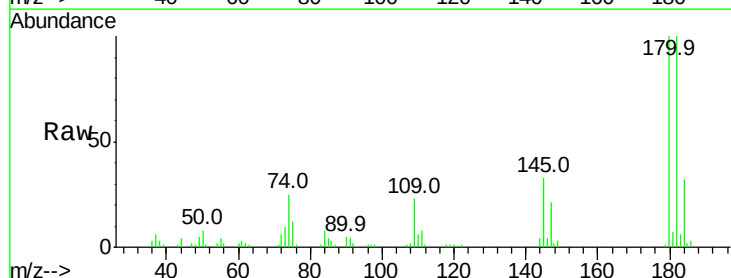
Manual Integrations
 APPROVED

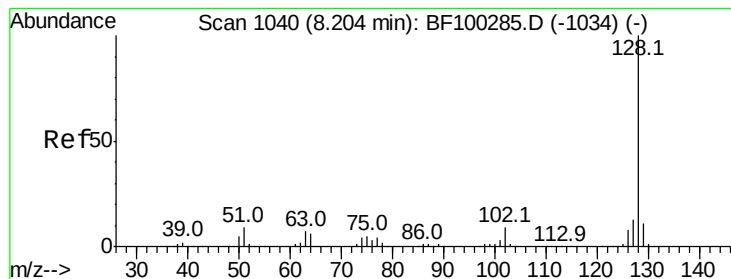
SOHIL
 11/13/2017 4:43:20 PM



#30
 1,2,4-Trichlorobenzene
 Concen: 3.589 ng
 RT: 8.12 min Scan# 1026
 Delta R.T. -0.01 min
 Lab File: BF100396.D
 Acq: 10 Nov 2017 17:35

Tgt Ion	Ratio	Lower	Upper
180	100		
182	100.0	76.8	115.2
145	32.8	26.5	39.7





#31

Naphthalene

Concen: 3.589 ng

RT: 8.20 min Scan# 1040

Delta R.T. -0.01 min

Lab File: BF100396.D

Acq: 10 Nov 2017 17:35

Instrument :

BNA_F

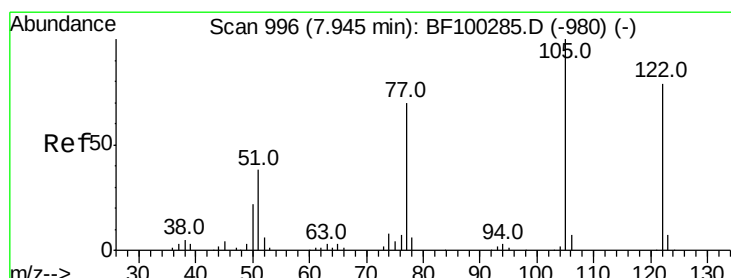
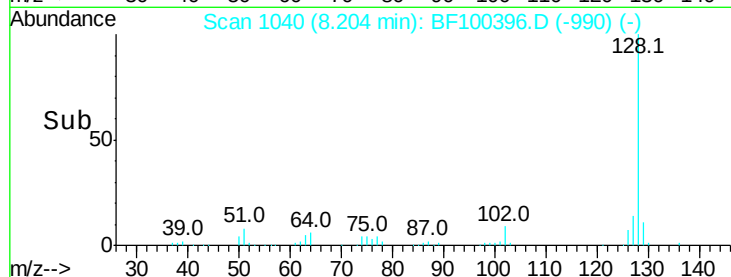
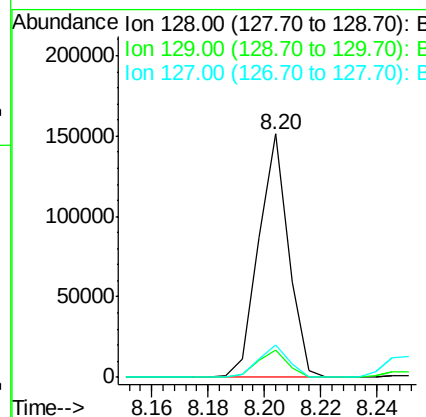
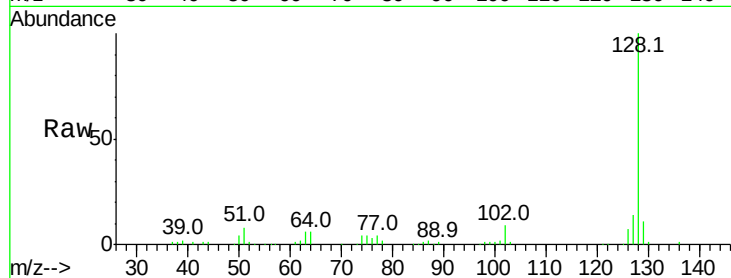
ClientSampleId :

N-P001-001-0001-01MS

Tot Ion:	128	Resp:	111328
Ion Ratio	Lower	Upper	
128	100		
129	11.0	8.8	13.2
127	13.5	10.9	16.3

Manual Integrations
APPROVED

SOHIL
11/13/2017 4:43:20 PM



#32

Benzoic acid

Concen: 9.871 ng

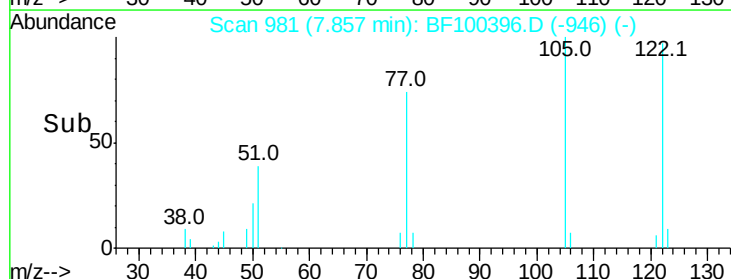
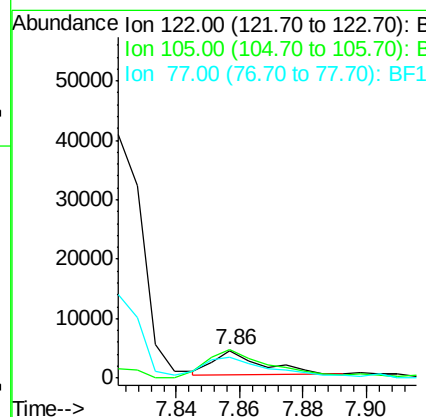
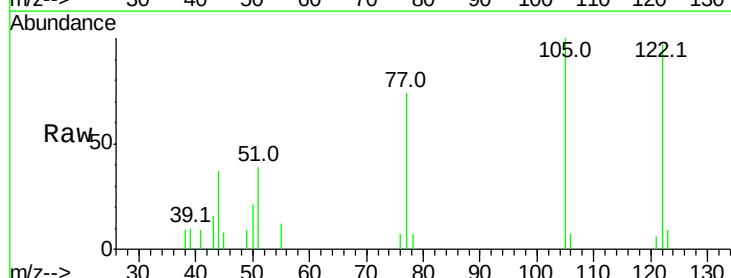
RT: 7.86 min Scan# 981

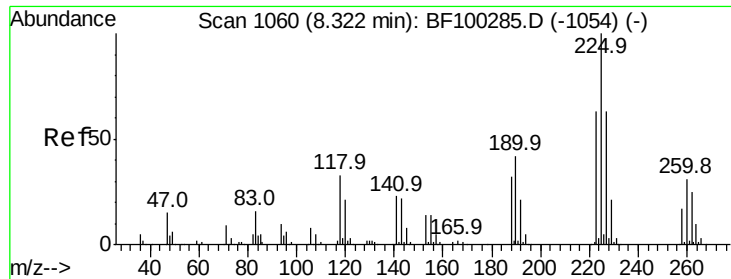
Delta R.T. -0.09 min

Lab File: BF100396.D

Acq: 10 Nov 2017 17:35

Tgt Ion:	122	Resp:	4370
Ion Ratio	Lower	Upper	
122	100		
105	103.0	101.1	141.1
77	76.4	70.7	110.7





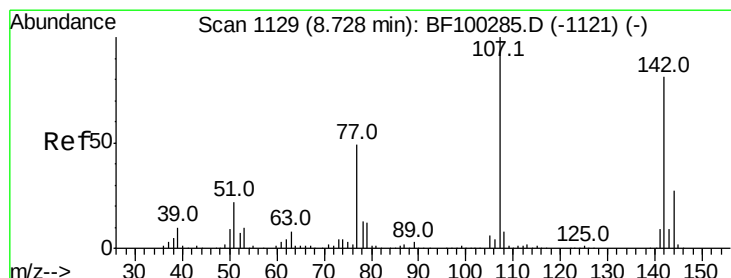
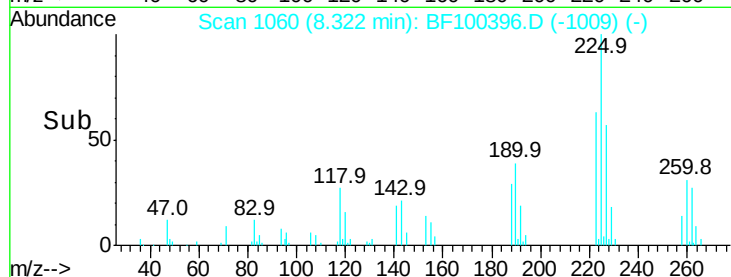
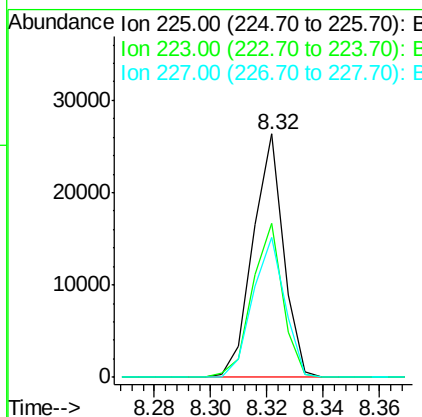
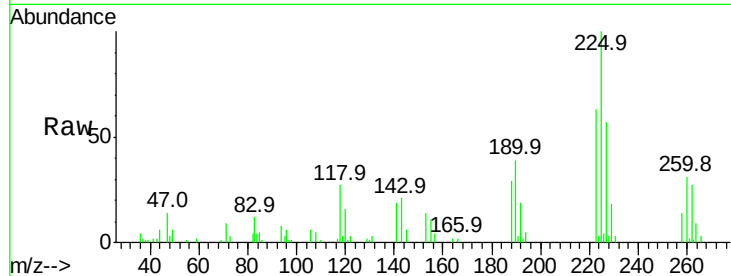
#34
Hexachlorobutadiene
Concen: 3.513 ng
RT: 8.32 min Scan# 1060
Delta R.T. -0.00 min
Lab File: BF100396.D
Acq: 10 Nov 2017 17:35

Instrument :
BNA_F
ClientSampleId :
N-P001-001-0001-01MS

Tot Ion:	225	Resp:	19791
Ion Ratio	Lower	Upper	
225	100		
223	66.0	50.6	76.0
227	57.2	51.9	77.9

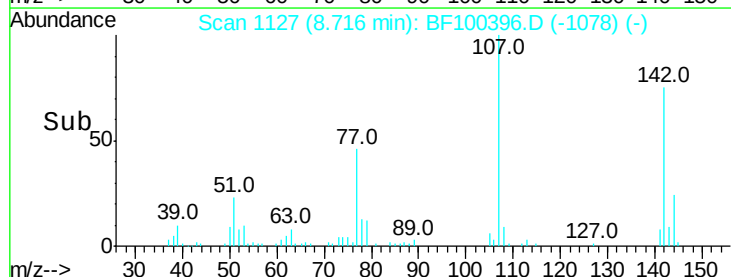
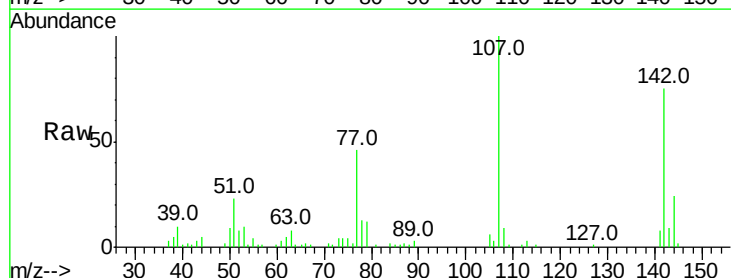
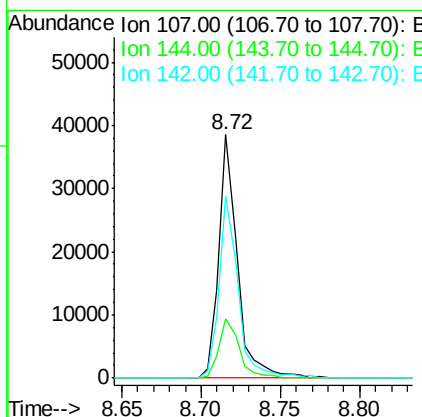
Manual Integrations
APPROVED

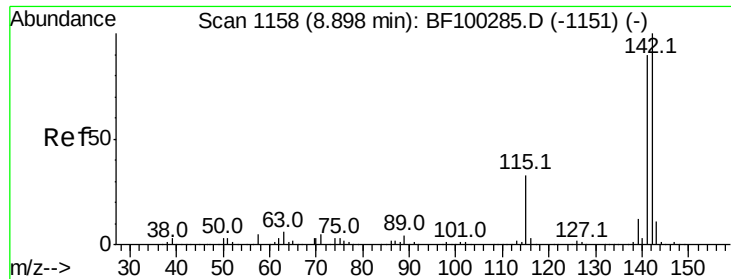
SOHIL
11/13/2017 4:43:20 PM



#36
4-Chloro-3-methylphenol
Concen: 3.342 ng
RT: 8.72 min Scan# 1127
Delta R.T. -0.01 min
Lab File: BF100396.D
Acq: 10 Nov 2017 17:35

Tgt Ion:	107	Resp:	31446
Ion Ratio	Lower	Upper	
107	100		
144	24.3	20.5	30.7
142	74.7	62.0	93.0





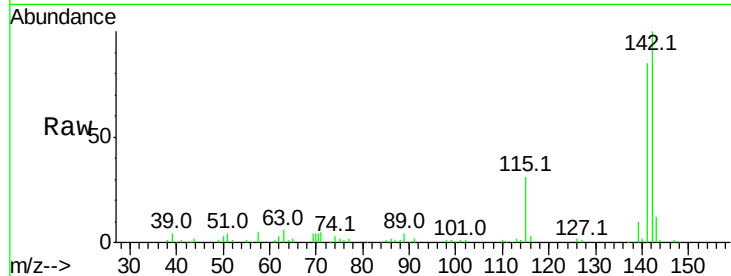
#37
2-Methylnaphthalene
Concen: 3.654 ng
RT: 8.89 min Scan# 1157
Delta R.T. -0.01 min
Lab File: BF100396.D
Acq: 10 Nov 2017 17:35

Instrument :
BNA_F
ClientSampleId :
N-P001-001-0001-01MS

Tot Ion	Ratio	Lower	Upper
142	100		
141	85.5	70.8	106.2
115	30.6	26.1	39.1

Manual Integrations
APPROVED

SOHIL
11/13/2017 4:43:20 PM

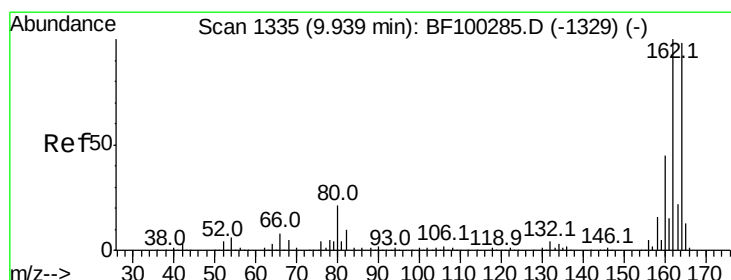
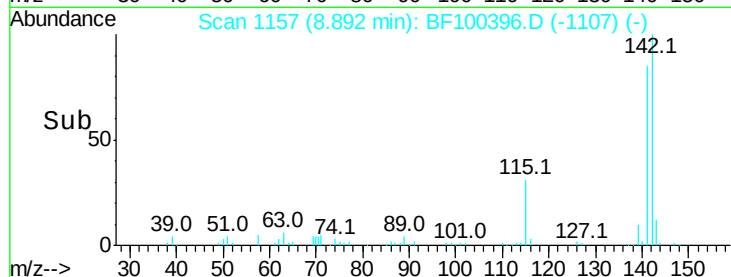
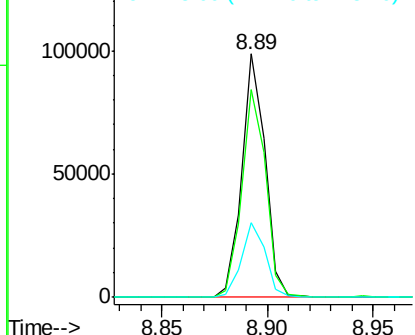


Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.94 min Scan# 1335
Delta R.T. -0.01 min
Lab File: BF100396.D
Acq: 10 Nov 2017 17:35

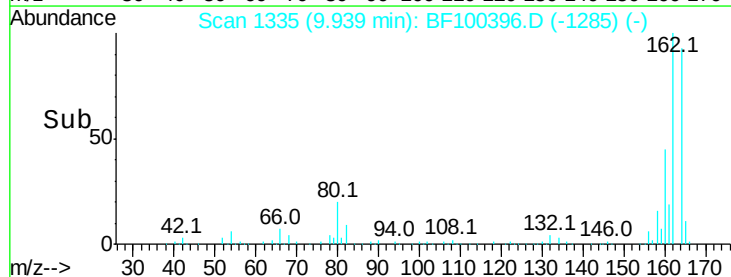
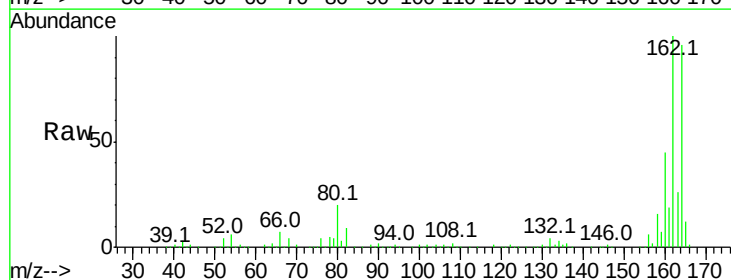
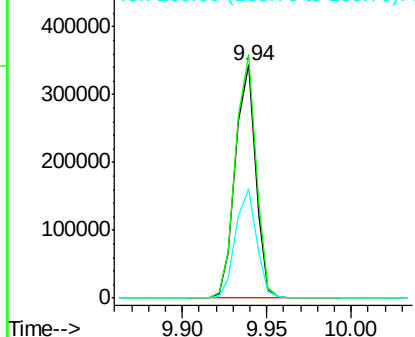
Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.4	86.1	129.1
160	46.7	38.3	57.5

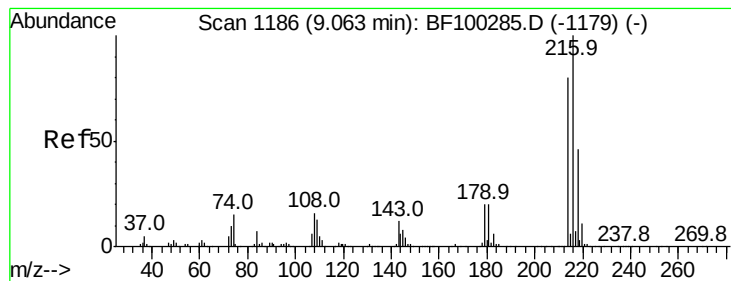
Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#39

1,2,4,5-Tetrachlorobenzene

Concen: 3.478 ng

RT: 9.06 min Scan# 1185

Delta R.T. -0.01 min

Lab File: BF100396.D

Acq: 10 Nov 2017 17:35

Instrument :

BNA_F

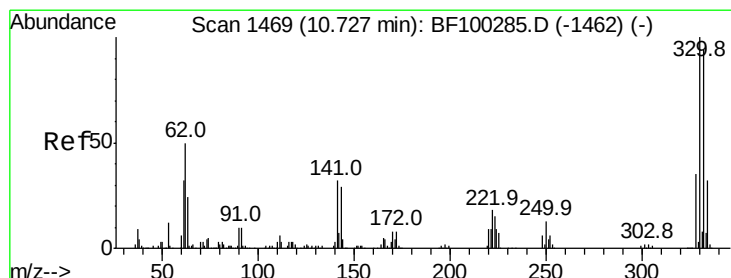
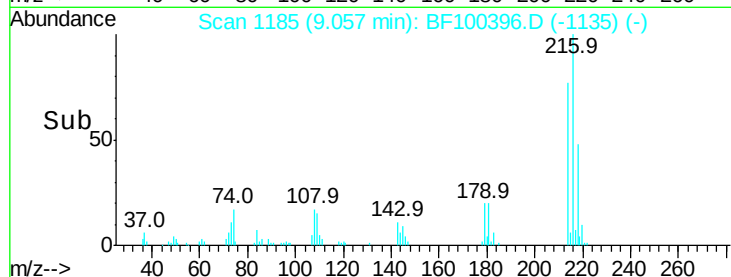
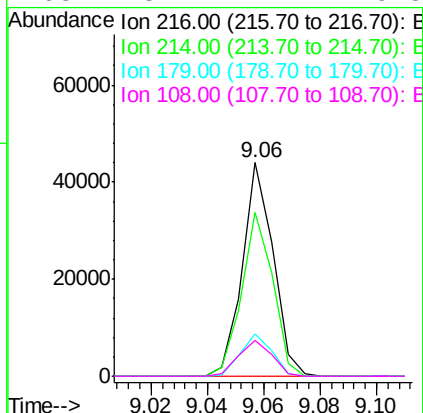
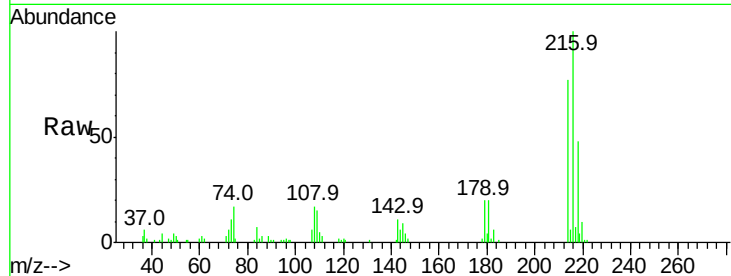
ClientSampleId :

N-P001-001-0001-01MS

Tot Ion	Ratio	Lower	Upper
216	100		
214	77.7	63.0	94.4
179	20.3	18.1	27.1
108	18.1	17.2	25.8

Manual Integrations
APPROVED

SOHIL
11/13/2017 4:43:20 PM



#41

2,4,6-Tribromophenol

Concen: 9.152 ng

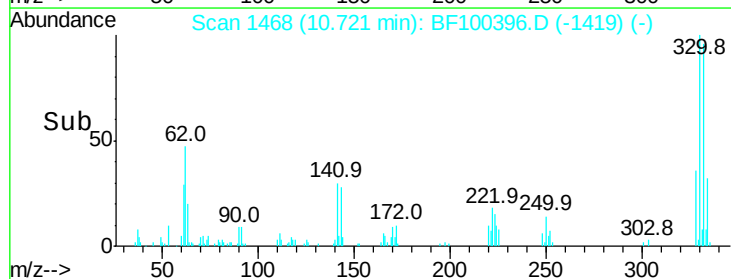
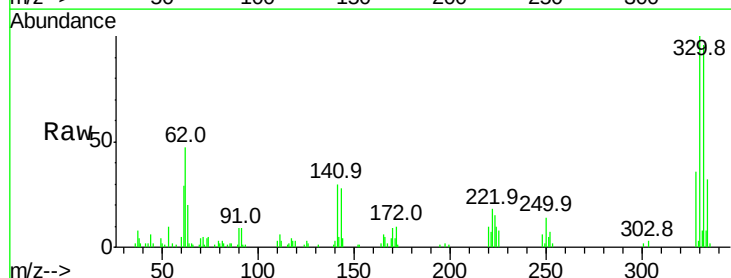
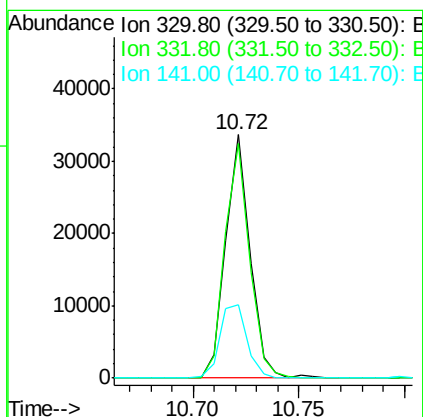
RT: 10.72 min Scan# 1468

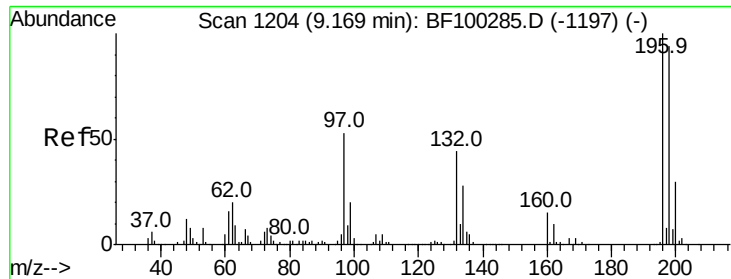
Delta R.T. -0.01 min

Lab File: BF100396.D

Acq: 10 Nov 2017 17:35

Tgt Ion	Ratio	Lower	Upper
330	100		
332	97.0	77.0	115.6
141	33.7	29.9	44.9





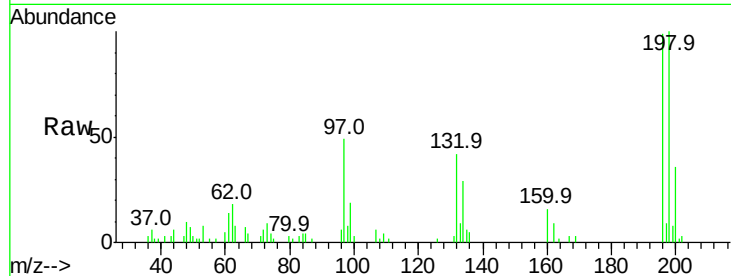
#42
 2,4,6-Trichlorophenol
 Concen: 3.325 ng
 RT: 9.17 min Scan# 1204
 Delta R.T. -0.00 min
 Lab File: BF100396.D
 Acq: 10 Nov 2017 17:35

Instrument :
 BNA_F
 ClientSampleId :
 N-P001-001-0001-01MS

Tot Ion	Ratio	Lower	Upper
196	100		
198	100.7	75.7	113.5
200	36.0	24.5	36.7

Manual Integrations
 APPROVED

SOHIL
 11/13/2017 4:43:20 PM

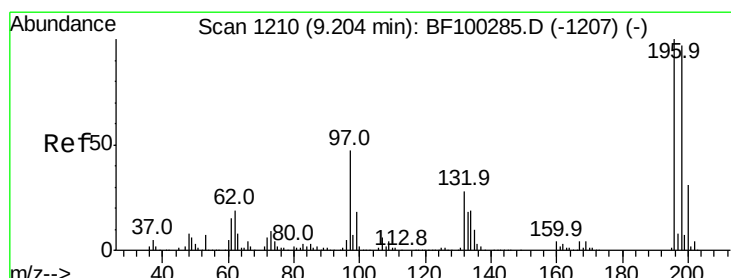
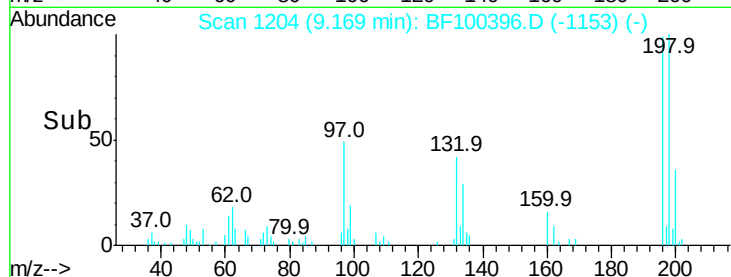
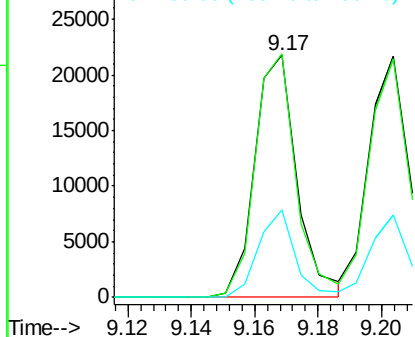


Abundance

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: 3.431 ng
 RT: 9.20 min Scan# 1210
 Delta R.T. -0.01 min
 Lab File: BF100396.D
 Acq: 10 Nov 2017 17:35

Tgt Ion	Ratio	Lower	Upper
196	100		
198	99.1	74.6	112.0
97	43.0	42.9	64.3
132	28.6	26.3	39.5

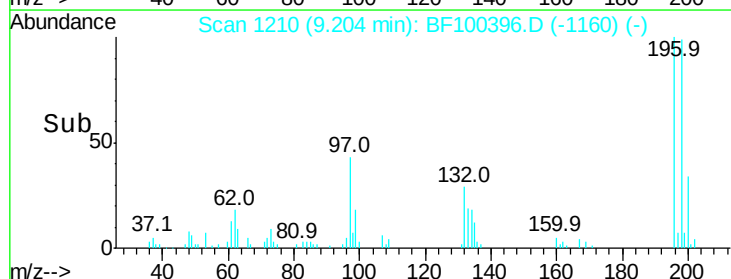
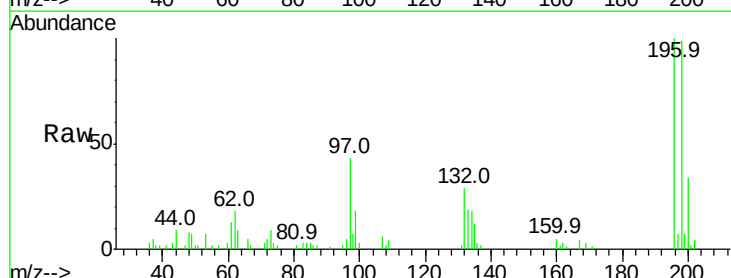
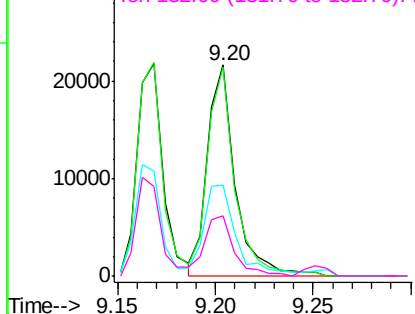
Abundance

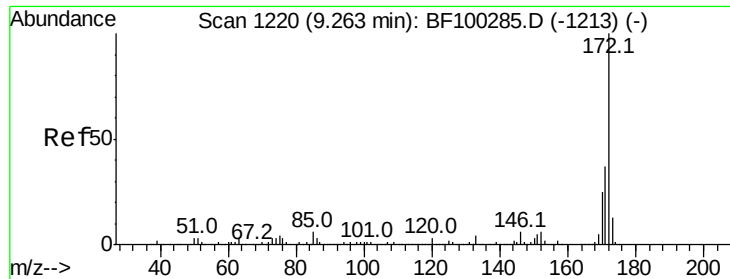
Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BF1

Ion 132.00 (131.70 to 132.70): E





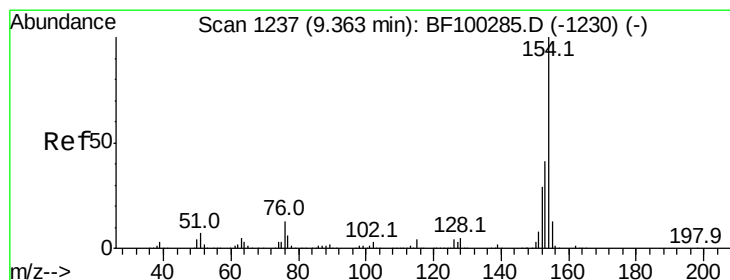
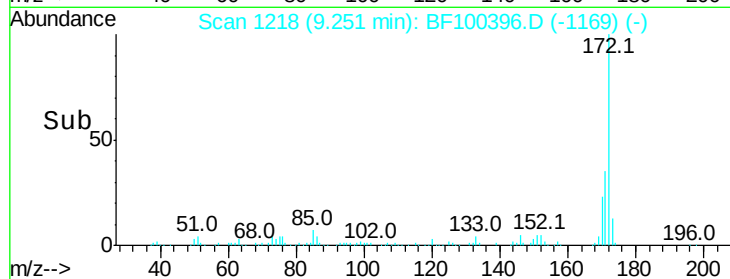
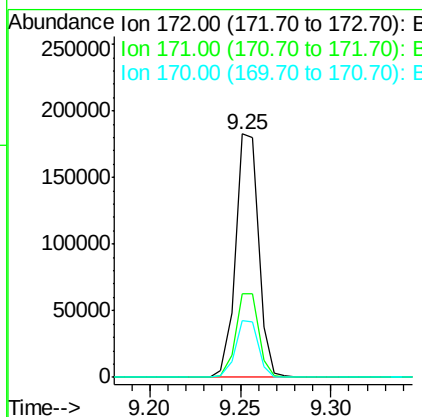
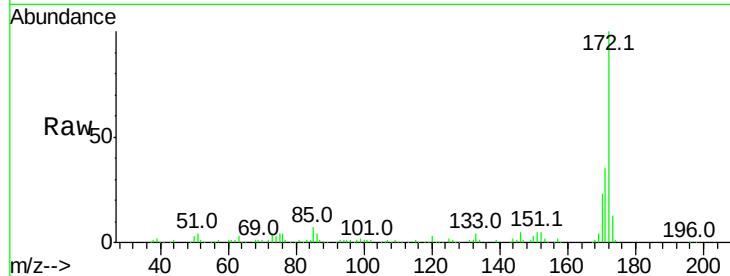
#44
2-Fluorobiphenyl
Concen: 8.571 ng
RT: 9.25 min Scan# 1218
Delta R.T. -0.01 min
Lab File: BF100396.D
Acq: 10 Nov 2017 17:35

Instrument :
BNA_F
ClientSampleId :
N-P001-001-0001-01MS

Tot Ion:172	Resp:	162275
Ion Ratio	Lower	Upper
172 100		
171 34.6	29.7	44.5
170 23.2	19.6	29.4

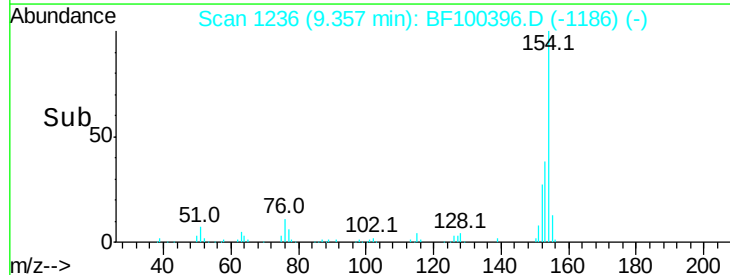
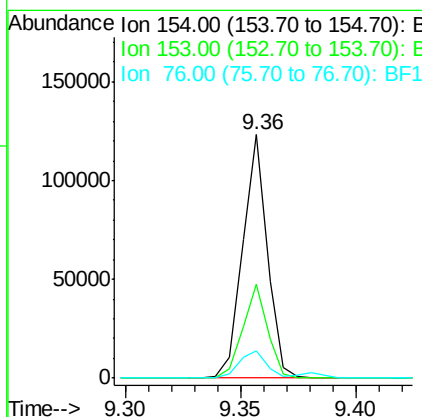
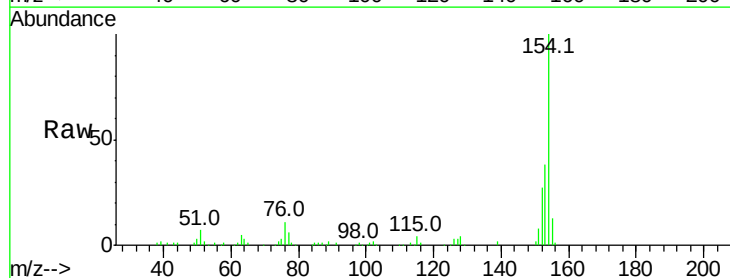
Manual Integrations
APPROVED

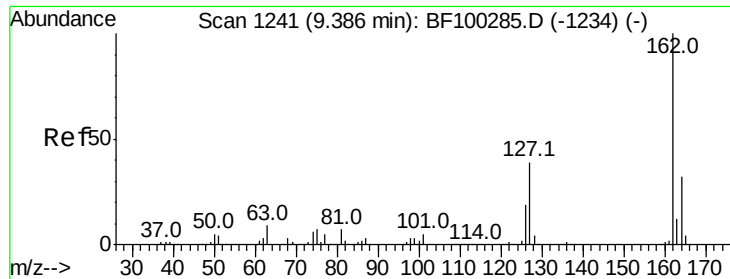
SOHIL
11/13/2017 4:43:20 PM



#45
1,1'-Biphenyl
Concen: 3.690 ng
RT: 9.36 min Scan# 1236
Delta R.T. -0.01 min
Lab File: BF100396.D
Acq: 10 Nov 2017 17:35

Tgt Ion:154	Resp:	92003
Ion Ratio	Lower	Upper
154 100		
153 38.5	21.3	61.3
76 11.1	0.0	34.0





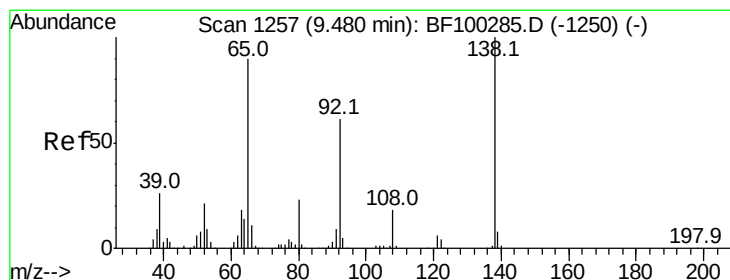
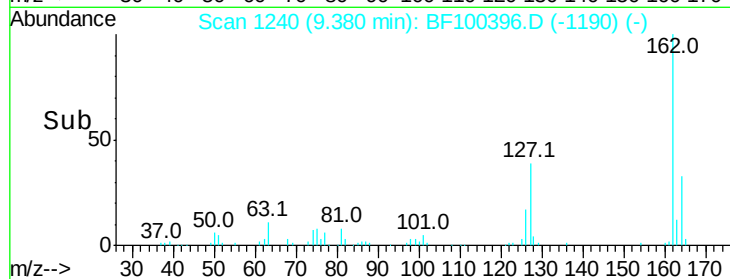
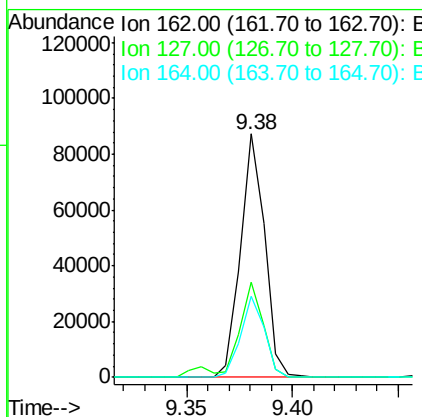
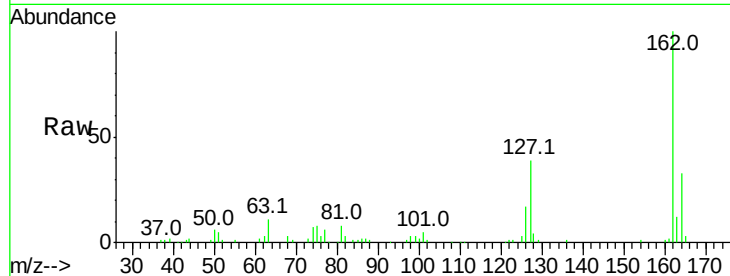
#46
2-Chloronaphthalene
Concen: 3.812 ng
RT: 9.38 min Scan# 1240
Delta R.T. -0.01 min
Lab File: BF100396.D
Acq: 10 Nov 2017 17:35

Instrument :
BNA_F
ClientSampleId :
N-P001-001-0001-01MS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	68949		
127	38.9		33.9	50.9
164	33.4		26.5	39.7

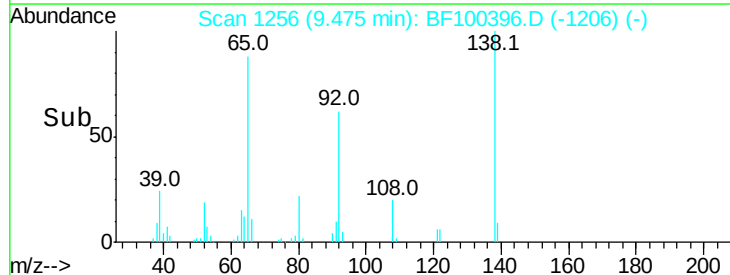
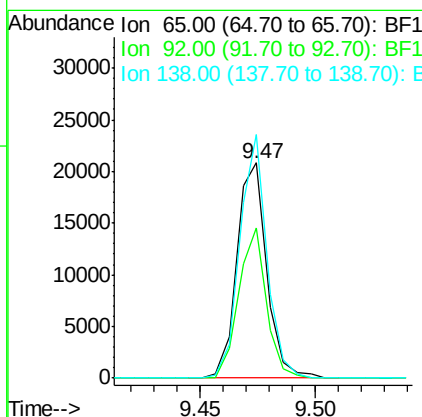
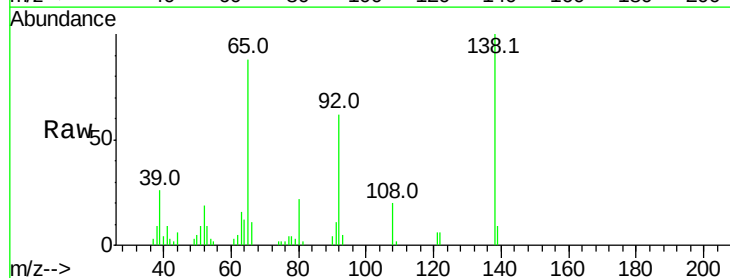
Manual Integrations
APPROVED

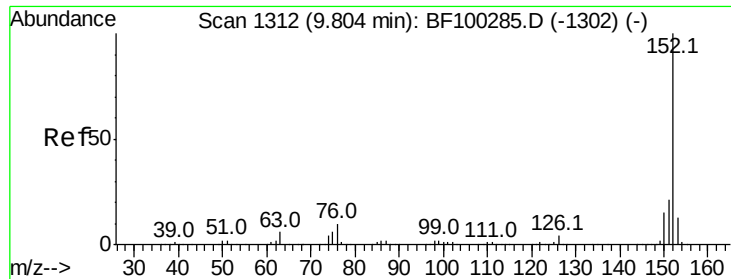
SOHIL
11/13/2017 4:43:20 PM



#47
2-Nitroaniline
Concen: 6.101 ng
RT: 9.47 min Scan# 1256
Delta R.T. -0.01 min
Lab File: BF100396.D
Acq: 10 Nov 2017 17:35

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	18819		
92	69.7		55.8	83.6
138	113.3		91.2	136.8





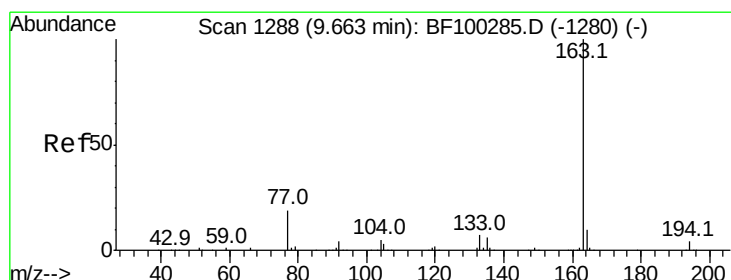
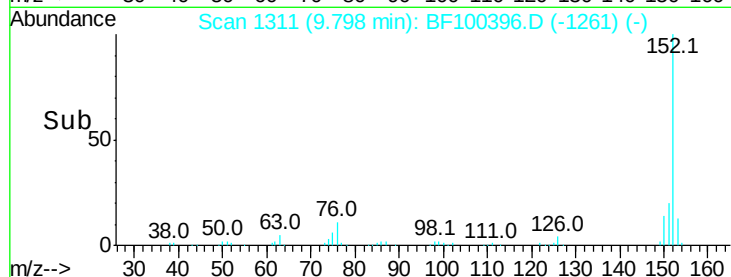
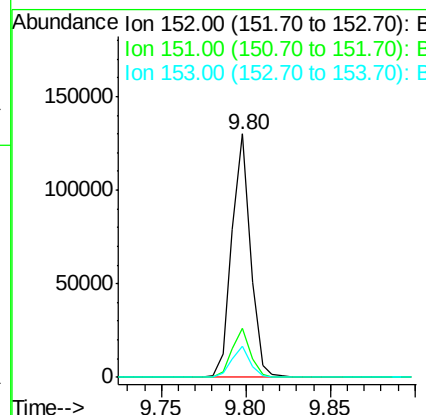
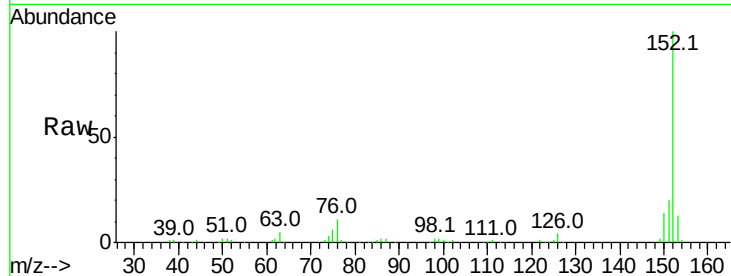
#48
Acenaphthylene
Concen: 3.335 ng
RT: 9.80 min Scan# 1311
Delta R.T. -0.01 min
Lab File: BF100396.D
Acq: 10 Nov 2017 17:35

Instrument :
BNA_F
ClientSampleId :
N-P001-001-0001-01MS

Tot Ion	Ratio	Lower	Upper
152	100		
151	19.9	16.3	24.5
153	12.8	10.7	16.1

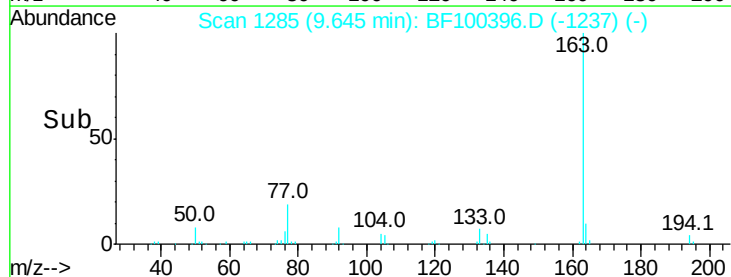
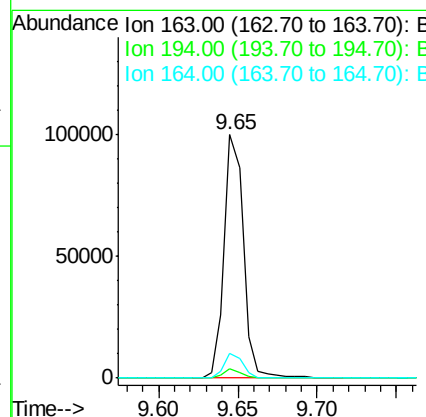
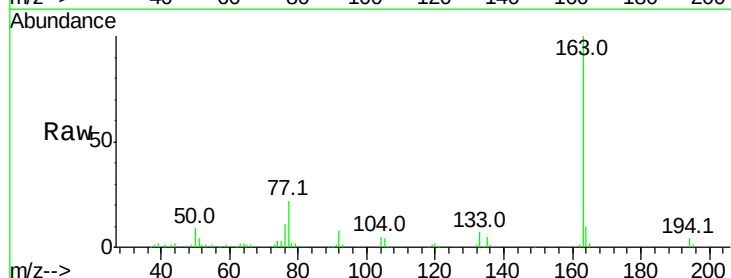
Manual Integrations
APPROVED

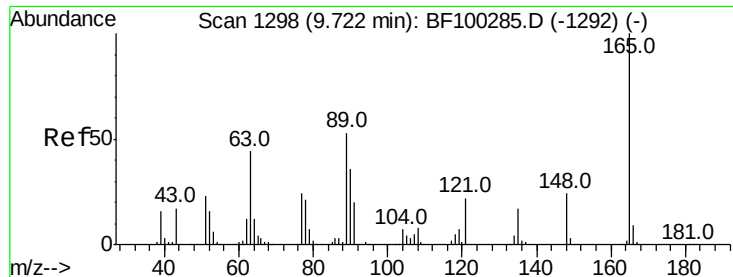
SOHIL
11/13/2017 4:43:20 PM



#49
Dimethylphthalate
Concen: 3.851 ng
RT: 9.65 min Scan# 1285
Delta R.T. -0.02 min
Lab File: BF100396.D
Acq: 10 Nov 2017 17:35

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.9	2.7	4.1
164	9.9	8.2	12.2





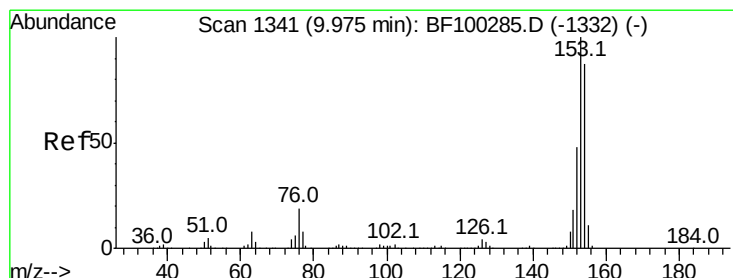
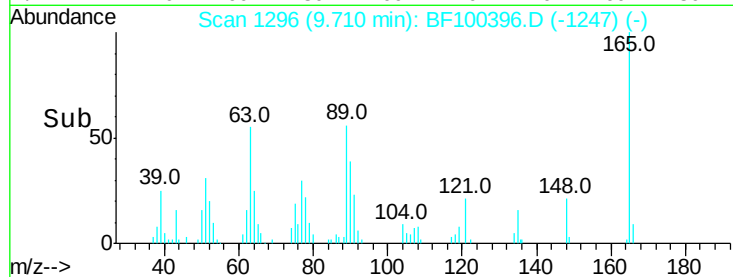
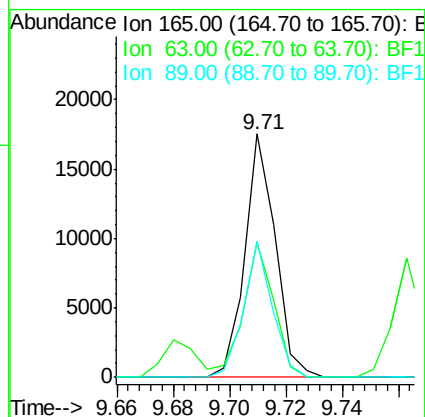
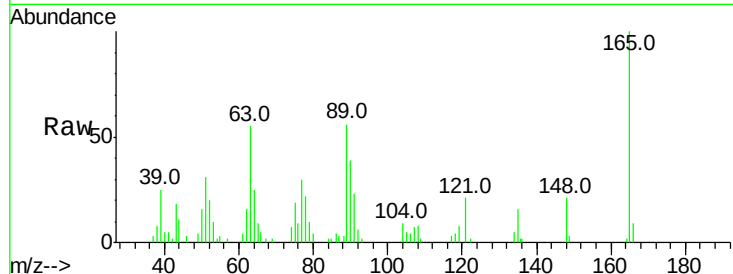
#50
 2,6-Dinitrotoluene
 Concen: 3.009 ng
 RT: 9.71 min Scan# 1296
 Delta R.T. -0.01 min
 Lab File: BF100396.D
 Acq: 10 Nov 2017 17:35

Instrument :
 BNA_F
 ClientSampleId :
 N-P001-001-0001-01MS

Tot Ion:	165	Resp:	13108
Ion Ratio	Lower	Upper	
165	100		
63	55.3	44.7	67.1
89	56.0	44.0	66.0

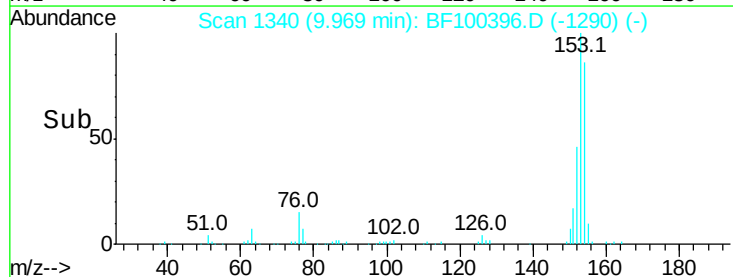
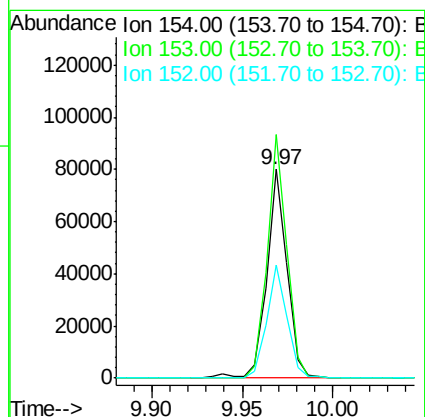
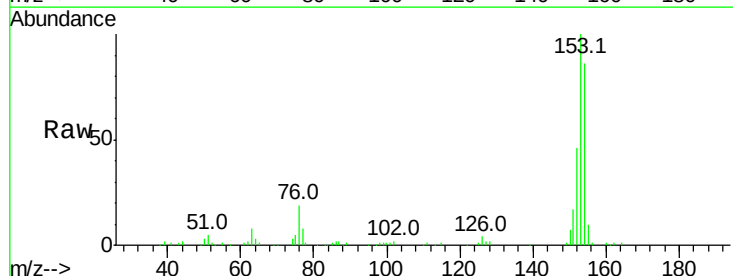
Manual Integrations
 APPROVED

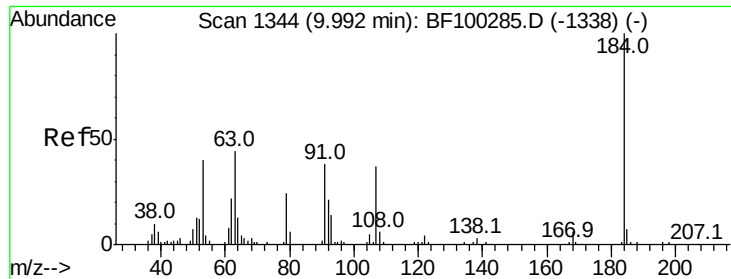
SOHIL
 11/13/2017 4:43:20 PM



#51
 Acenaphthene
 Concen: 3.410 ng
 RT: 9.97 min Scan# 1340
 Delta R.T. -0.01 min
 Lab File: BF100396.D
 Acq: 10 Nov 2017 17:35

Tgt Ion:	154	Resp:	62174
Ion Ratio	Lower	Upper	
154	100		
153	116.5	91.2	136.8
152	54.1	43.8	65.8





#53

2,4-Dinitrophenol

Concen: 8.327 ng

RT: 9.99 min Scan# 1343

Delta R.T. -0.01 min

Lab File: BF100396.D

Acq: 10 Nov 2017 17:35

Instrument :

BNA_F

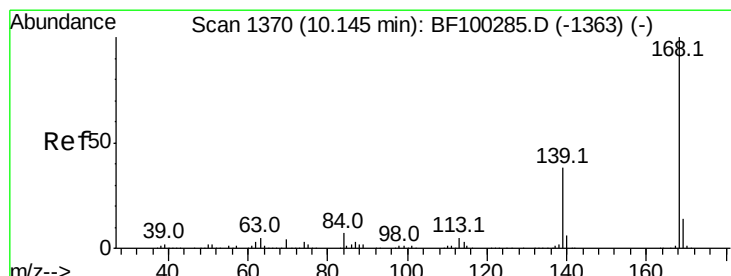
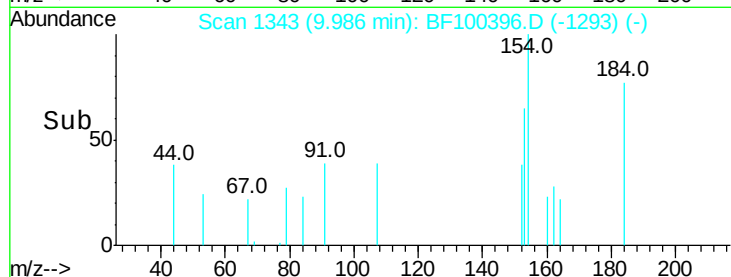
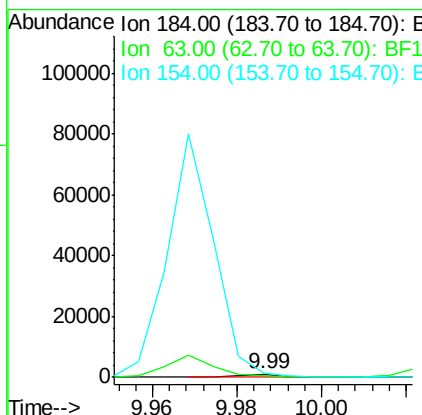
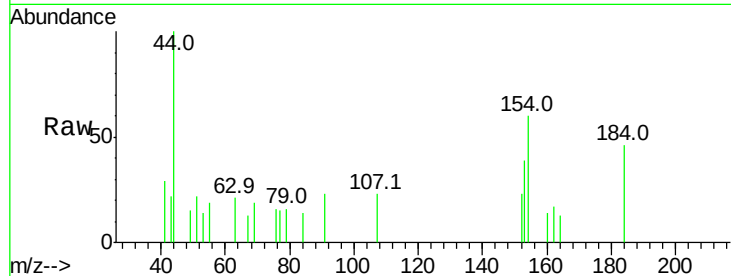
ClientSampleId :

N-P001-001-0001-01MS

Tot Ion	Ratio	Lower	Upper
184	100		
63	45.1	54.2	81.2#
154	129.9	184.0	276.0#

Manual Integrations
APPROVED

SOHIL
11/13/2017 4:43:20 PM



#54

Dibenzofuran

Concen: 3.556 ng

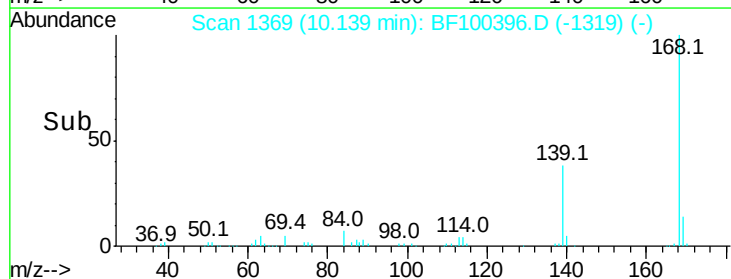
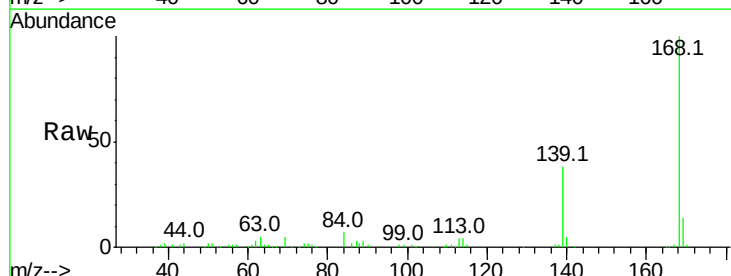
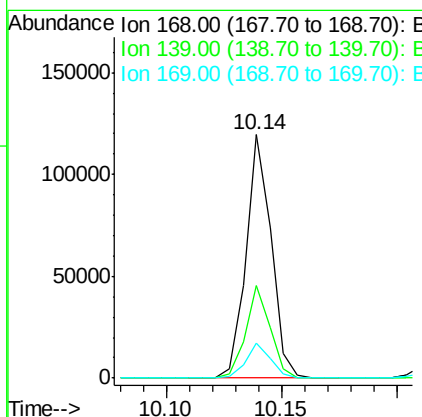
RT: 10.14 min Scan# 1369

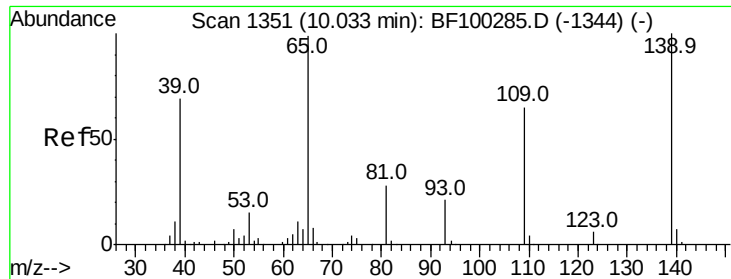
Delta R.T. -0.01 min

Lab File: BF100396.D

Acq: 10 Nov 2017 17:35

Tgt Ion	Ratio	Lower	Upper
168	100		
139	38.1	30.1	45.1
169	14.1	10.9	16.3





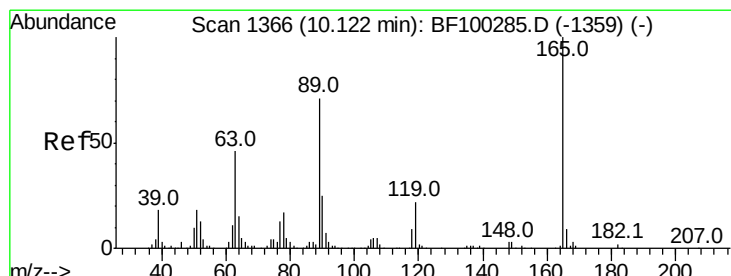
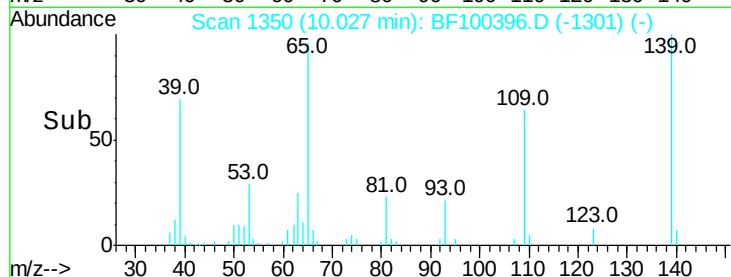
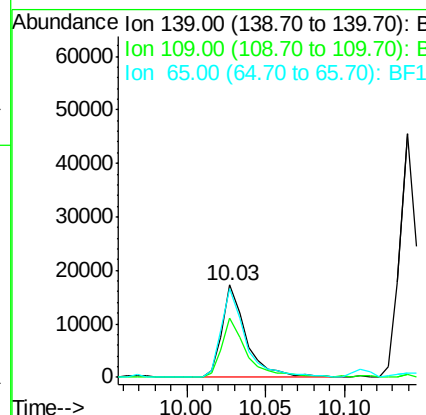
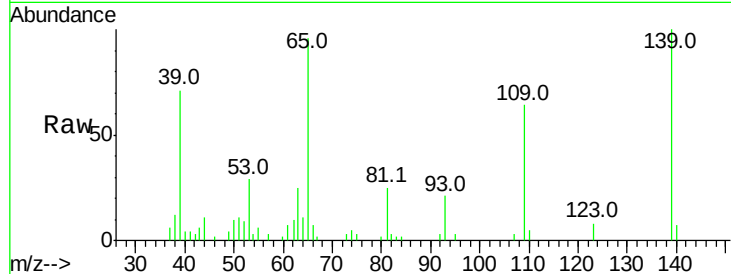
#55
 4-Nitrophenol
 Concen: 4.412 ng
 RT: 10.03 min Scan# 1350
 Delta R.T. -0.01 min
 Lab File: BF100396.D
 Acq: 10 Nov 2017 17:35

Instrument :
 BNA_F
 ClientSampleId :
 N-P001-001-0001-01MS

Tot Ion	Ratio	Resp	Lower	Upper
139	100	18433		
109	64.1	48.4	88.4	
65	95.6	72.6	112.6	

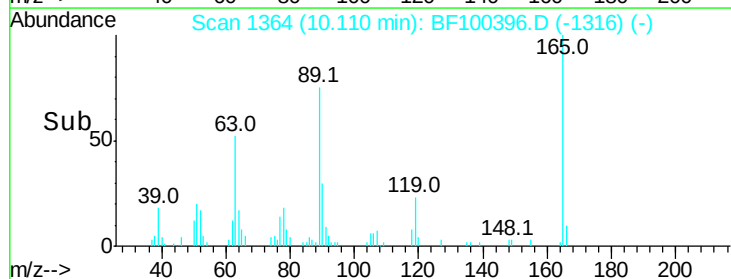
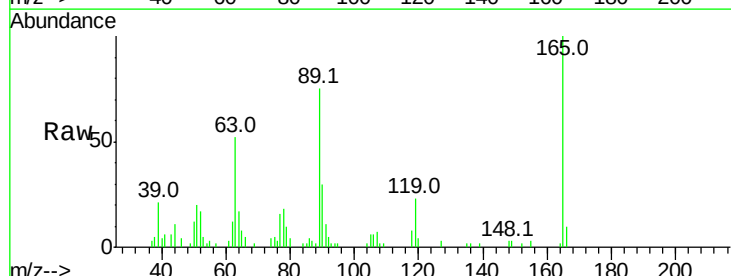
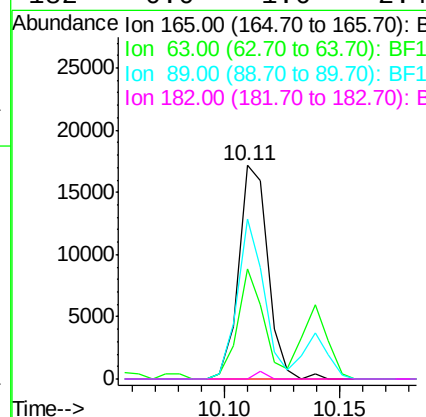
Manual Integrations
 APPROVED

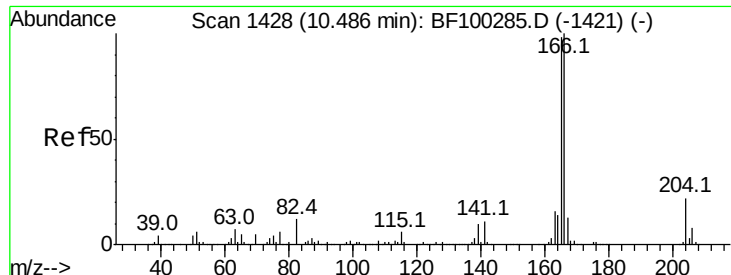
SOHIL
 11/13/2017 4:43:20 PM



#56
 2,4-Dinitrotoluene
 Concen: 2.749 ng
 RT: 10.11 min Scan# 1364
 Delta R.T. -0.02 min
 Lab File: BF100396.D
 Acq: 10 Nov 2017 17:35

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	15109		
63	51.8	36.4	54.6	
89	75.1	57.8	86.6	
182	0.0	1.6	2.4#	





#57

Fluorene

Concen: 3.720 ng

RT: 10.48 min Scan# 1427

Delta R.T. -0.01 min

Lab File: BF100396.D

Acq: 10 Nov 2017 17:35

Instrument :

BNA_F

ClientSampleId :

N-P001-001-0001-01MS

Tot Ion:166 Resp: 69632

Ion Ratio Lower Upper

166 100

165 100.2 79.8 119.8

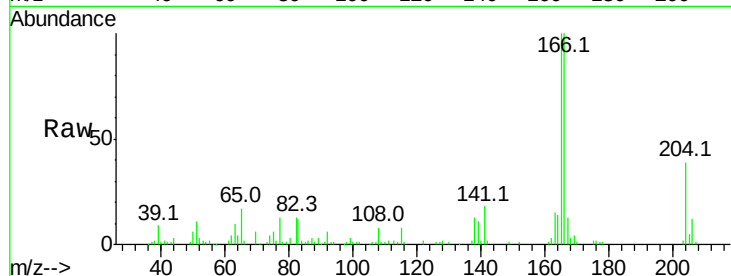
167 12.9 10.6 16.0

Manual Integrations

APPROVED

SOHIL

11/13/2017 4:43:20 PM



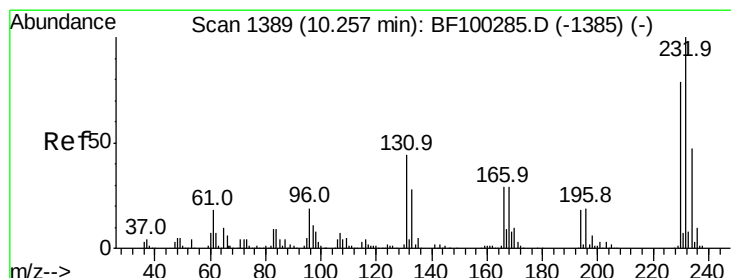
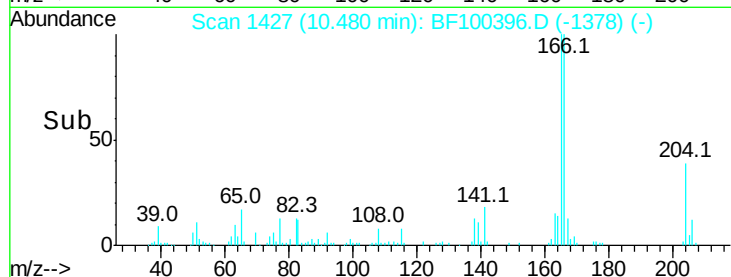
Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

10.48

Time-->



#58

2,3,4,6-Tetrachlorophenol

Concen: 3.153 ng

RT: 10.26 min Scan# 1389

Delta R.T. -0.01 min

Lab File: BF100396.D

Acq: 10 Nov 2017 17:35

Tgt Ion:232 Resp: 16224

Ion Ratio Lower Upper

232 100

131 43.9 43.8 65.8

130 1.5 2.1 3.1#

166 30.1 27.8 41.6

Abundance Ion 232.00 (231.70 to 232.70): E

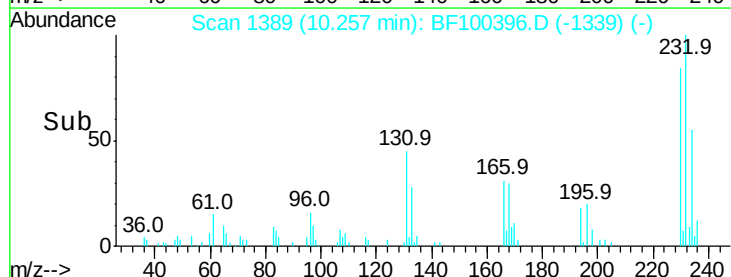
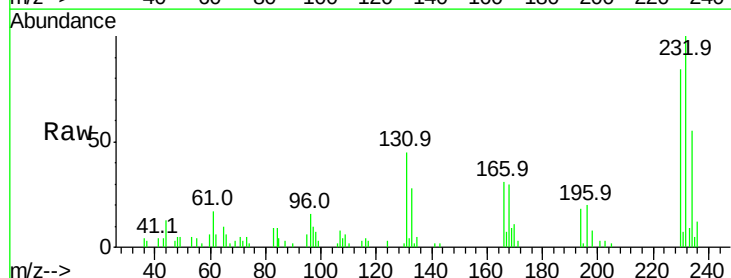
Ion 131.00 (130.70 to 131.70): E

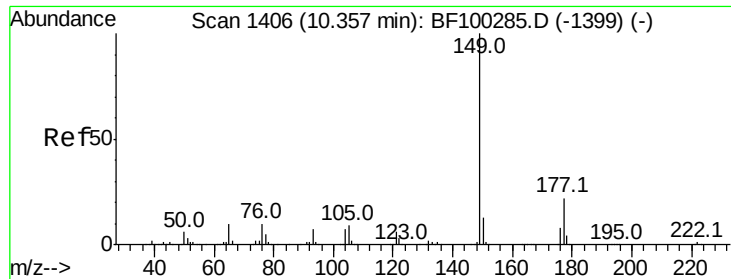
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E

10.26

Time-->





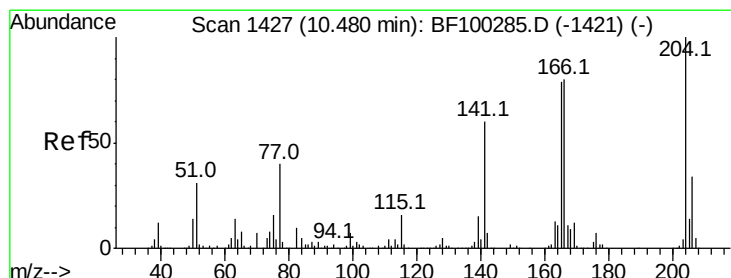
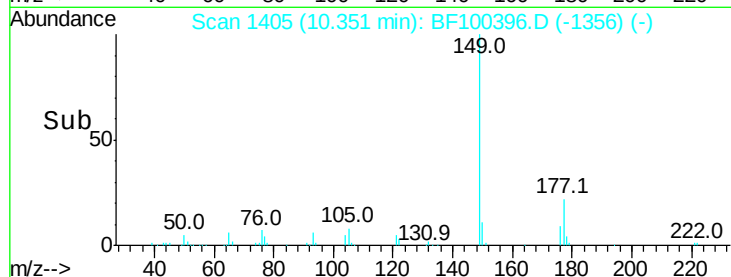
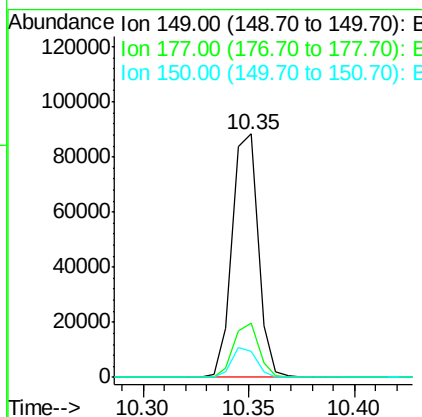
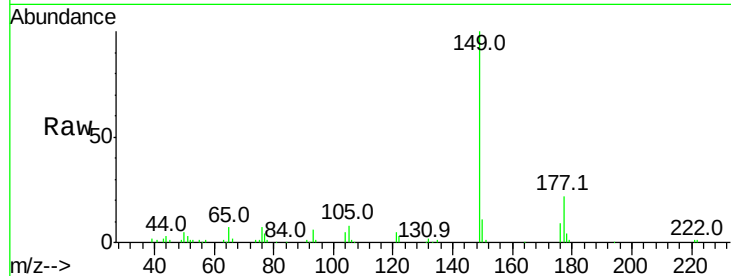
#59
Diethylphthalate
Concen: 3.410 ng
RT: 10.35 min Scan# 1405
Delta R.T. -0.01 min
Lab File: BF100396.D
Acq: 10 Nov 2017 17:35

Instrument :
BNA_F
ClientSampleId :
N-P001-001-0001-01MS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	75105		
177	22.1	16.1	24.1	
150	10.9	10.1	15.1	

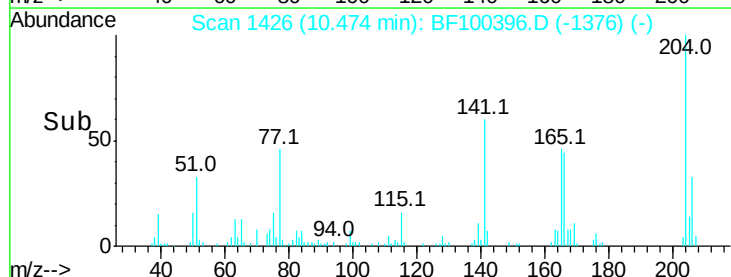
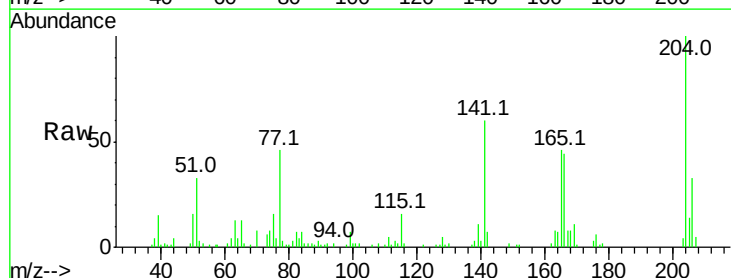
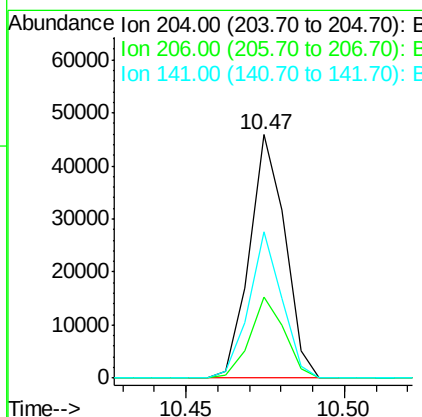
Manual Integrations
APPROVED

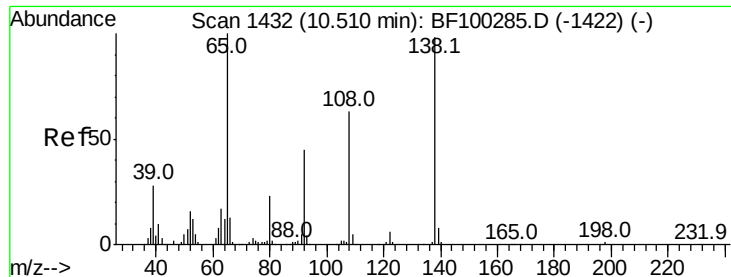
SOHIL
11/13/2017 4:43:20 PM



#60
4-Chlorophenyl-phenylether
Concen: 3.878 ng
RT: 10.47 min Scan# 1426
Delta R.T. -0.01 min
Lab File: BF100396.D
Acq: 10 Nov 2017 17:35

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	35611		
206	33.0	26.5	39.7	
141	60.2	54.6	81.8	





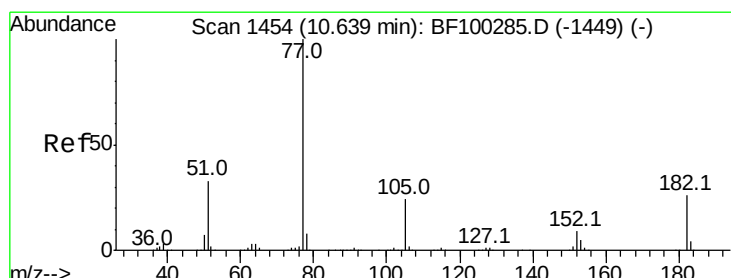
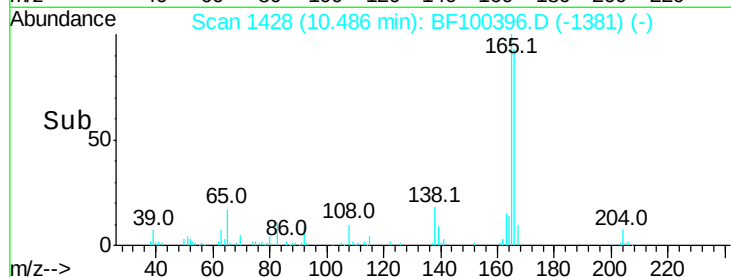
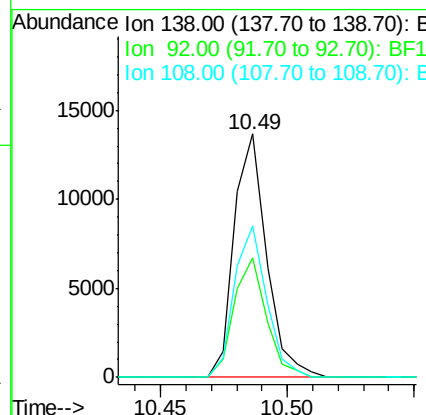
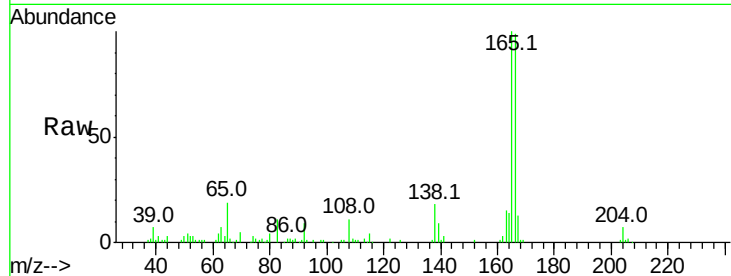
#61
4-Nitroaniline
Concen: 2.485 ng
RT: 10.49 min Scan# 1428
Delta R.T. -0.02 min
Lab File: BF100396.D
Acq: 10 Nov 2017 17:35

Instrument :
BNA_F
ClientSampleId :
N-P001-001-0001-01MS

Tot Ion	Ratio	Lower	Upper
138	100		
92	49.3	30.2	70.2
108	62.1	52.5	92.5

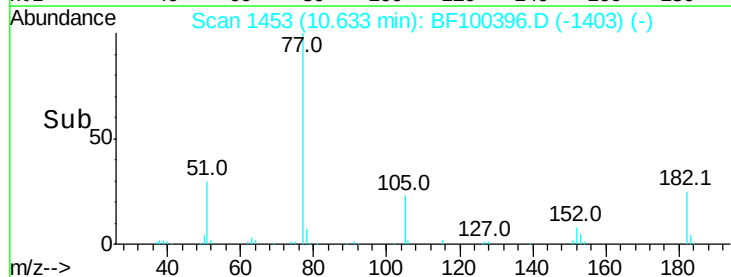
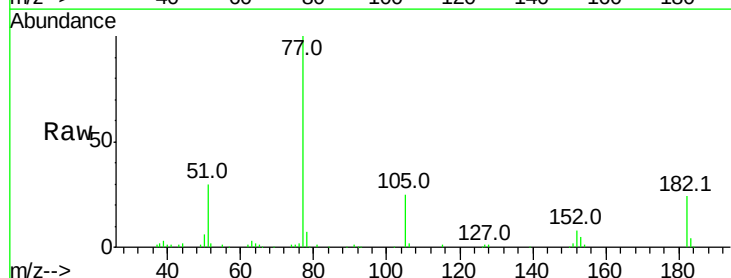
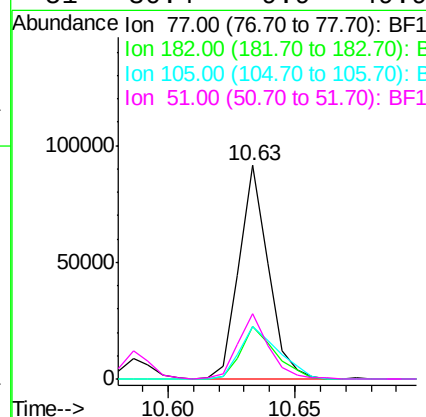
Manual Integrations
APPROVED

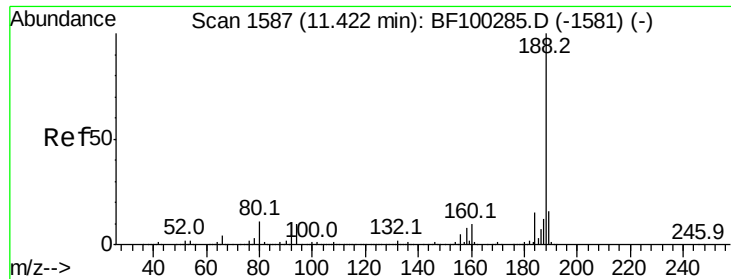
SOHIL
11/13/2017 4:43:20 PM



#62
Azobenzene
Concen: 3.543 ng
RT: 10.63 min Scan# 1453
Delta R.T. -0.01 min
Lab File: BF100396.D
Acq: 10 Nov 2017 17:35

Tgt Ion	Ratio	Lower	Upper
77	100		
182	24.4	1.7	41.7
105	24.6	3.0	43.0
51	30.4	9.9	49.9





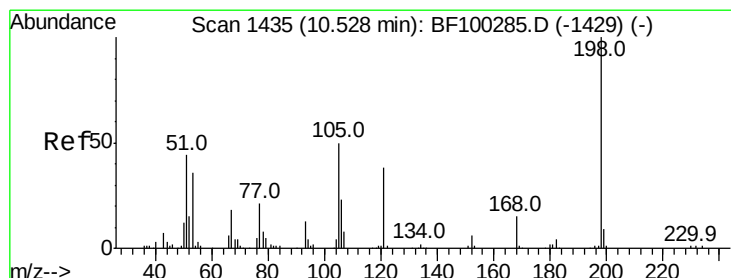
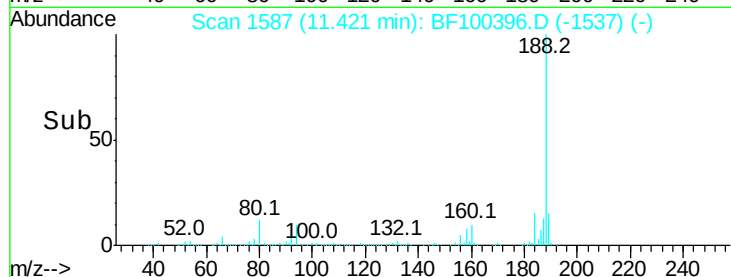
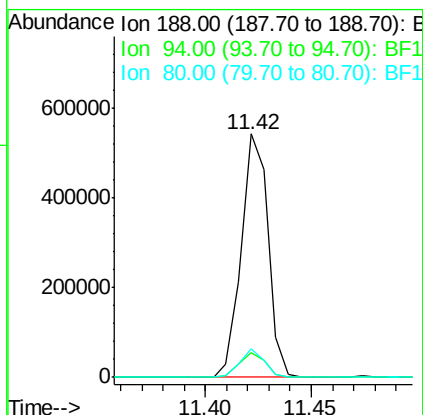
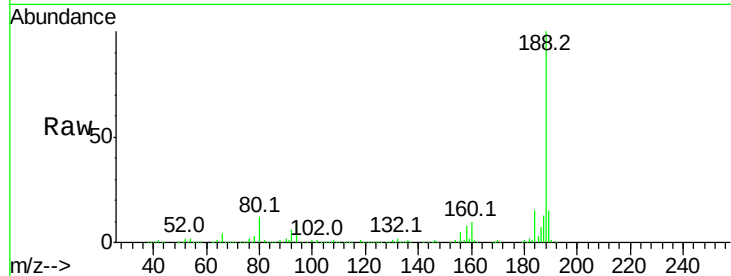
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.42 min Scan# 1587
Delta R.T. -0.01 min
Lab File: BF100396.D
Acq: 10 Nov 2017 17:35

Instrument :
BNA_F
ClientSampleId :
N-P001-001-0001-01MS

Tot Ion	Ratio	Resp	Lower	Upper
188	100	475629		
94	10.4		8.5	12.7
80	11.8		9.2	13.8

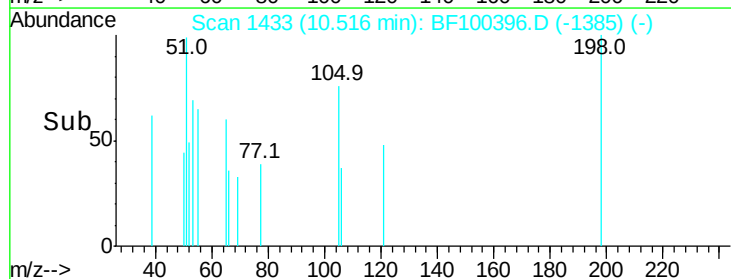
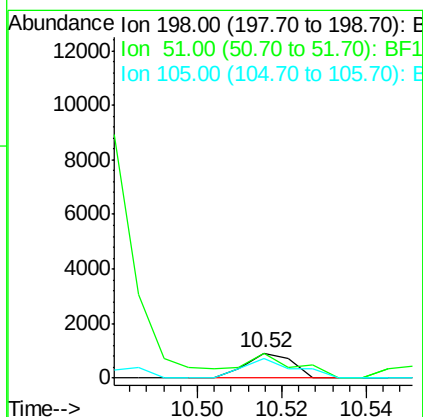
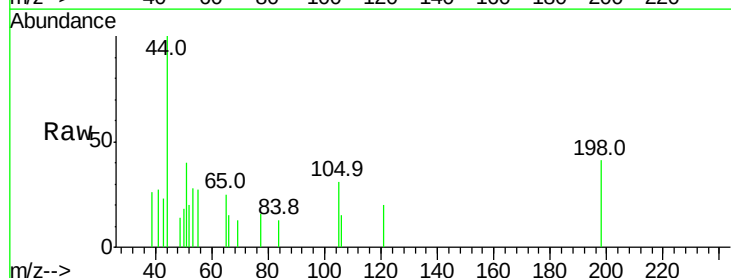
Manual Integrations
APPROVED

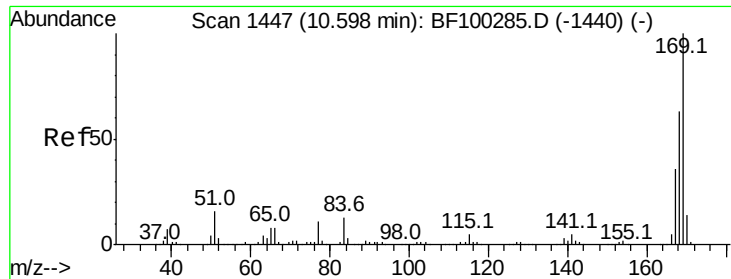
SOHIL
11/13/2017 4:43:20 PM



#64
4,6-Dinitro-2-methylphenol
Concen: 8.812 ng
RT: 10.52 min Scan# 1433
Delta R.T. -0.02 min
Lab File: BF100396.D
Acq: 10 Nov 2017 17:35

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	708		
51	98.7		37.7	77.7#
105	75.7		36.3	76.3





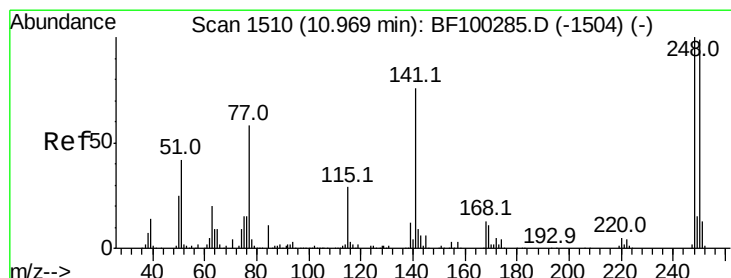
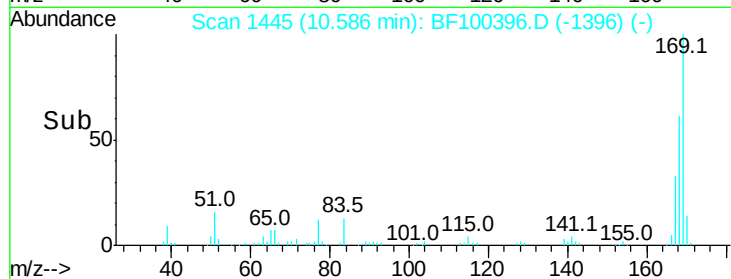
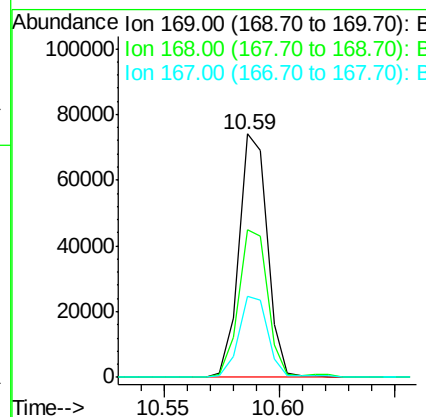
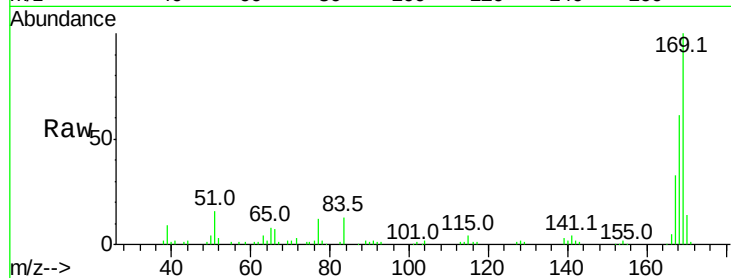
#65
n-Nitrosodiphenylamine
Concen: 3.863 ng
RT: 10.59 min Scan# 1445
Delta R.T. -0.01 min
Lab File: BF100396.D
Acq: 10 Nov 2017 17:35

Instrument :
BNA_F
ClientSampleId :
N-P001-001-0001-01MS

Tot Ion	Ratio	Lower	Upper
169	100		
168	60.5	54.4	81.6
167	33.4	29.8	44.6

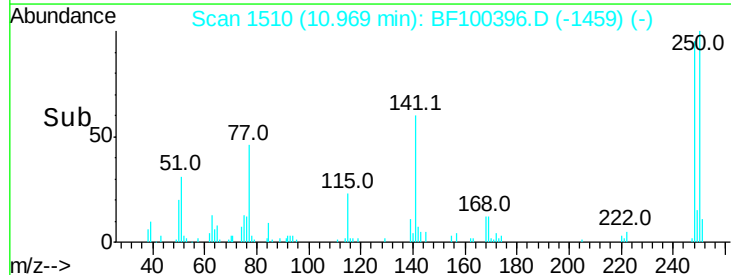
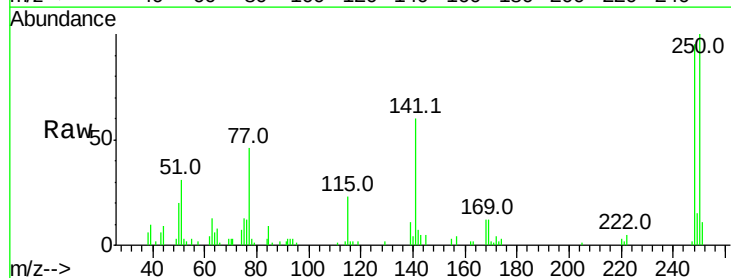
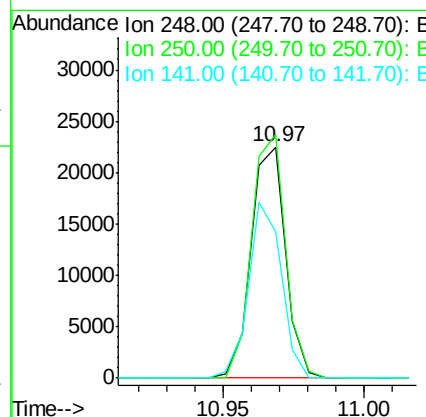
Manual Integrations
APPROVED

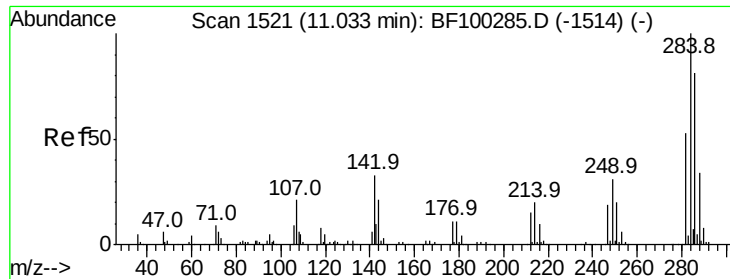
SOHIL
11/13/2017 4:43:20 PM



#66
4-Bromophenyl-phenylether
Concen: 3.745 ng
RT: 10.97 min Scan# 1510
Delta R.T. -0.00 min
Lab File: BF100396.D
Acq: 10 Nov 2017 17:35

Tgt Ion	Ratio	Lower	Upper
248	100		
250	105.4	76.9	115.3
141	63.5	74.4	111.6#





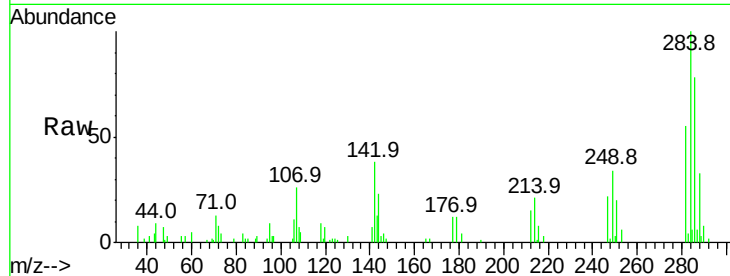
#67
Hexachlorobenzene
Concen: 3.723 ng
RT: 11.03 min Scan# 1520
Delta R.T. -0.01 min
Lab File: BF100396.D
Acq: 10 Nov 2017 17:35

Instrument :
BNA_F
ClientSampleId :
N-P001-001-0001-01MS

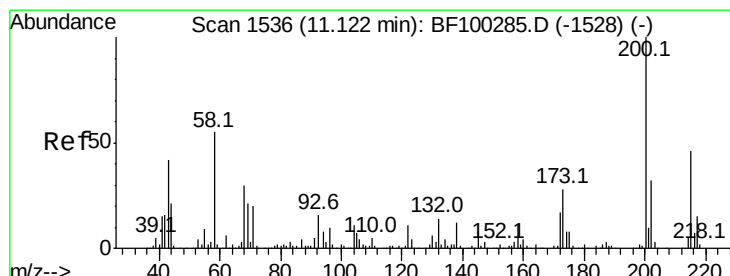
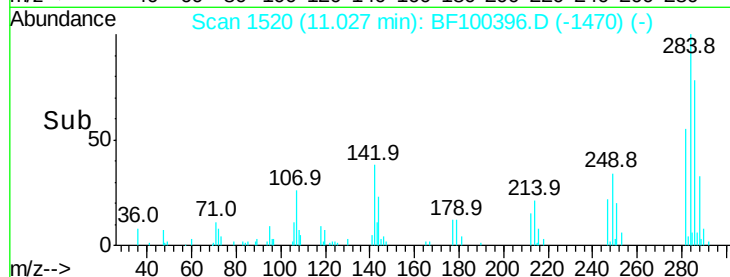
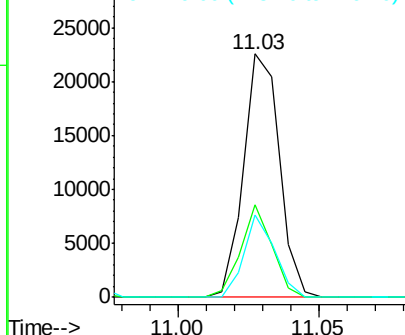
Tot Ion:	284	Resp:	19851
Ion Ratio	Lower	Upper	
284	100		
142	37.8	34.6	52.0
249	34.0	24.8	37.2

Manual Integrations
APPROVED

SOHIL
11/13/2017 4:43:20 PM

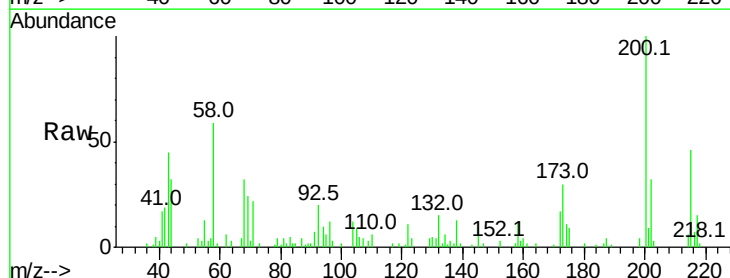


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

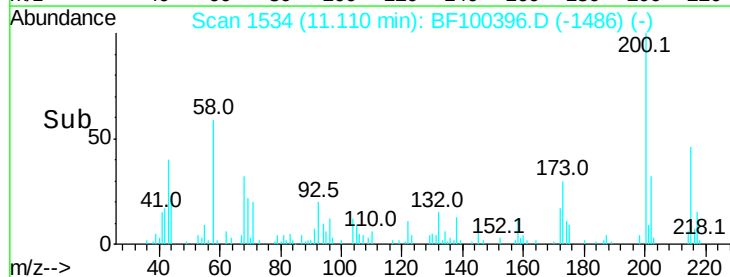
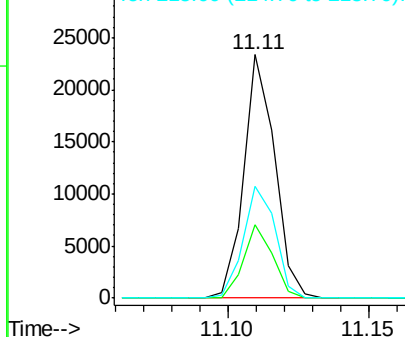


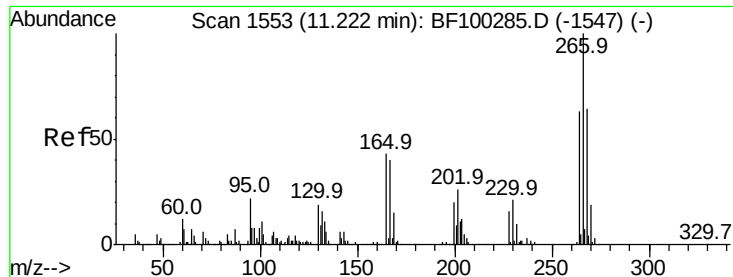
#68
Atrazine
Concen: 3.540 ng
RT: 11.11 min Scan# 1534
Delta R.T. -0.02 min
Lab File: BF100396.D
Acq: 10 Nov 2017 17:35

Tgt Ion:	200	Resp:	17722
Ion Ratio	Lower	Upper	
200	100		
173	29.9	8.6	48.6
215	46.0	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





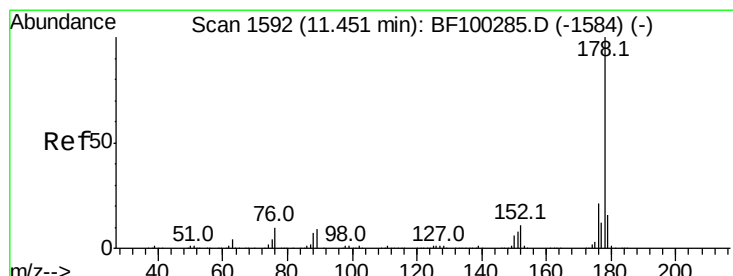
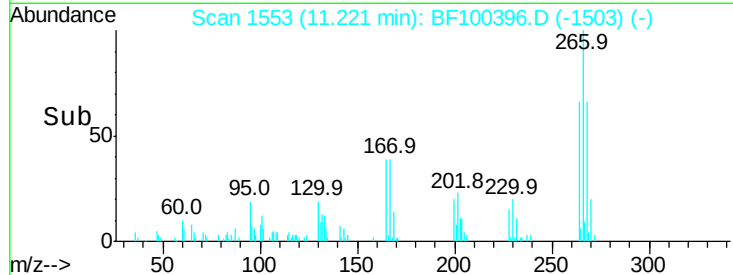
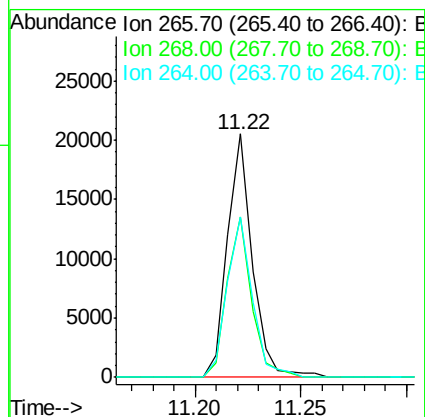
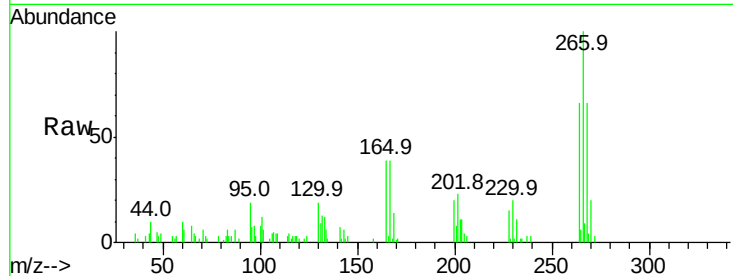
#69
 Pentachlorophenol
 Concen: 4.378 ng
 RT: 11.22 min Scan# 1553
 Delta R.T. -0.01 min
 Lab File: BF100396.D
 Acq: 10 Nov 2017 17:35

Instrument :
 BNA_F
 ClientSampleId :
 N-P001-001-0001-01MS

Tot Ion	Ratio	Resp	Lower	Upper
266	100	16741		
268	65.8	51.1	76.7	
264	66.0	49.5	74.3	

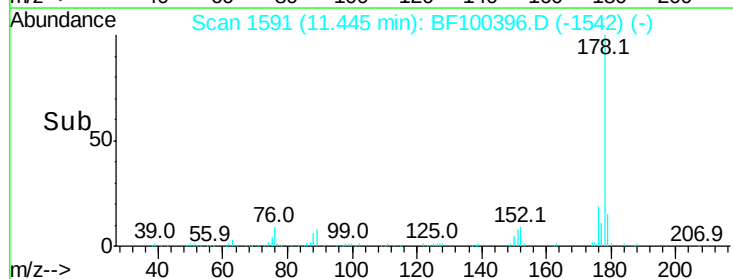
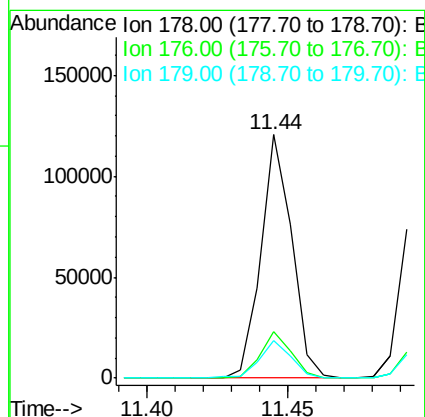
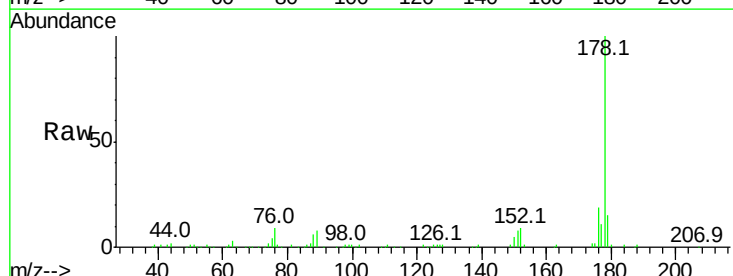
Manual Integrations
 APPROVED

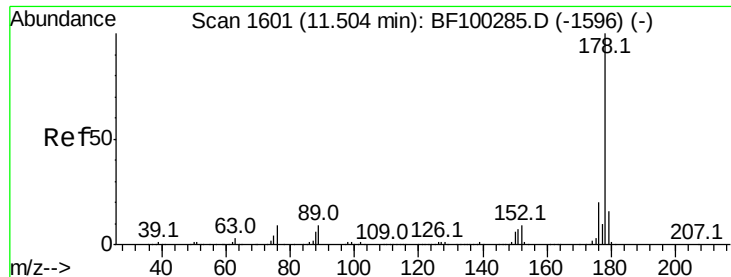
SOHIL
 11/13/2017 4:43:20 PM



#70
 Phenanthrene
 Concen: 3.652 ng
 RT: 11.44 min Scan# 1591
 Delta R.T. -0.01 min
 Lab File: BF100396.D
 Acq: 10 Nov 2017 17:35

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	91450		
176	18.8	15.8	23.8	
179	15.4	13.0	19.6	





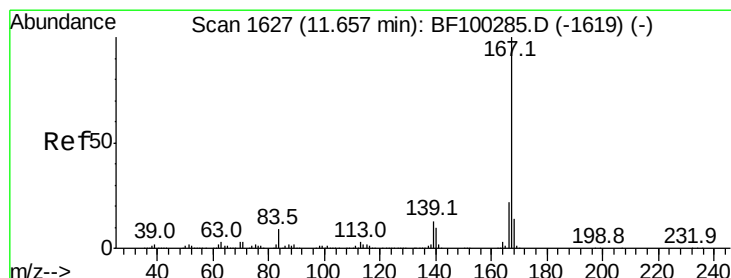
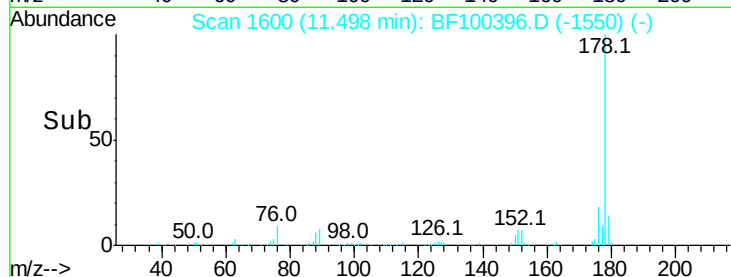
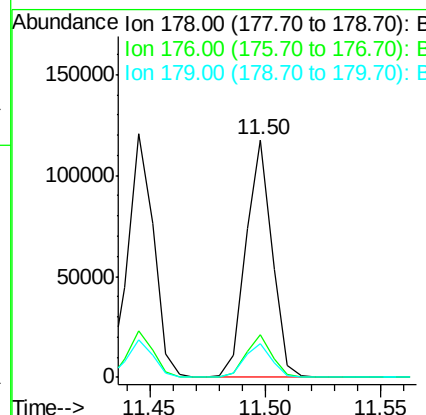
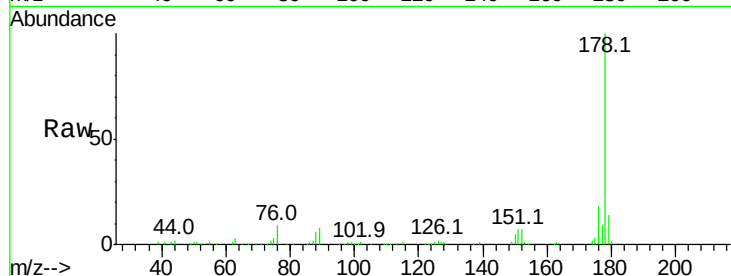
#71
 Anthracene
 Concen: 3.670 ng
 RT: 11.50 min Scan# 1600
 Delta R.T. -0.01 min
 Lab File: BF100396.D
 Acq: 10 Nov 2017 17:35

Instrument :
 BNA_F
 ClientSampleId :
 N-P001-001-0001-01MS

Tot Ion	Ratio	Lower	Upper
178	100		
176	17.7	15.4	23.2
179	14.5	12.6	19.0

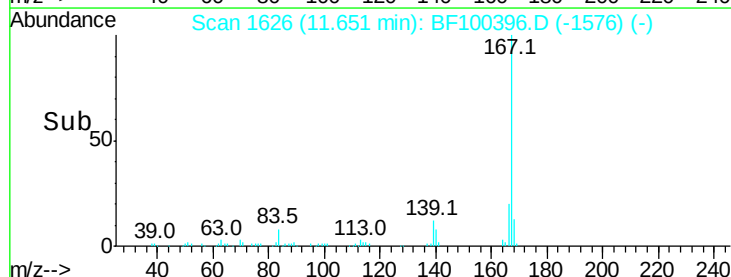
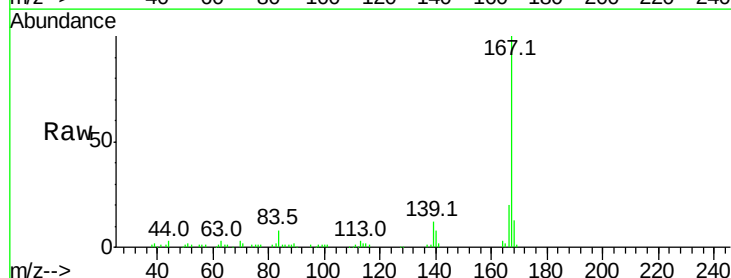
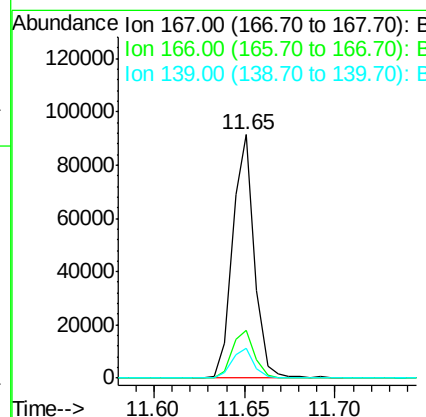
Manual Integrations
 APPROVED

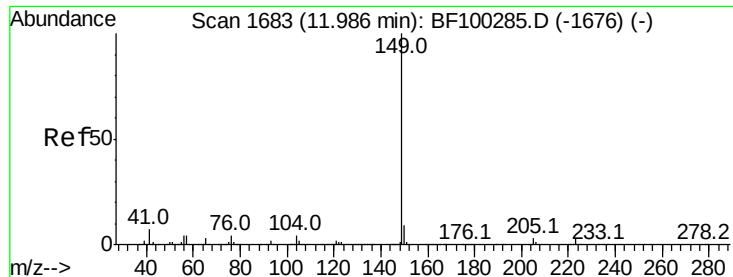
SOHIL
 11/13/2017 4:43:20 PM



#72
 Carbazole
 Concen: 3.242 ng
 RT: 11.65 min Scan# 1626
 Delta R.T. -0.01 min
 Lab File: BF100396.D
 Acq: 10 Nov 2017 17:35

Tgt Ion	Ratio	Lower	Upper
167	100		
166	19.9	17.6	26.4
139	12.3	10.9	16.3





#73

Di-n-butylphthalate

Concen: 4.025 ng

RT: 11.98 min Scan# 1682

Delta R.T. -0.01 min

Lab File: BF100396.D

Acq: 10 Nov 2017 17:35

Instrument :

BNA_F

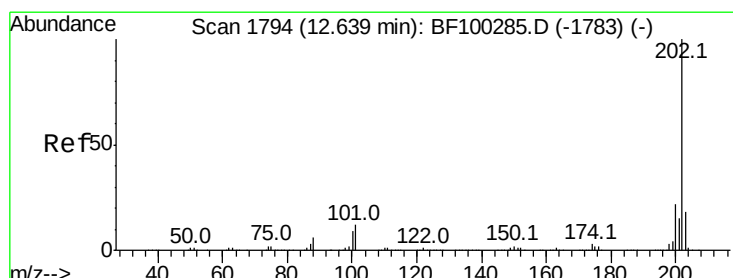
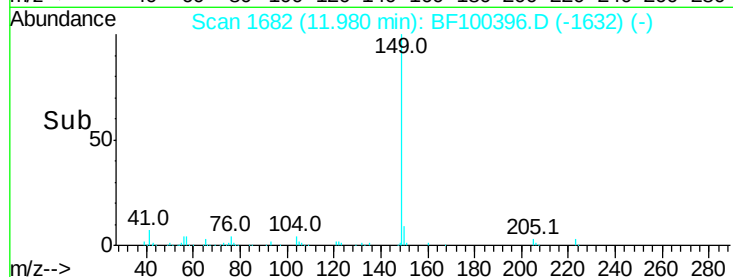
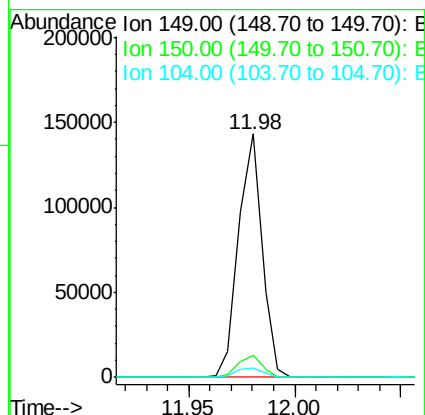
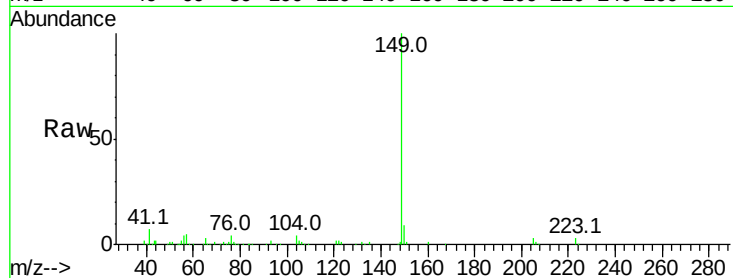
ClientSampleId :

N-P001-001-0001-01MS

Tot Ion:	149	Resp:	110414
Ion Ratio	Lower	Upper	
149	100		
150	9.2	7.8	11.6
104	4.1	3.8	5.8

Manual Integrations
APPROVED

SOHIL
11/13/2017 4:43:20 PM



#74

Fluoranthene

Concen: 3.117 ng

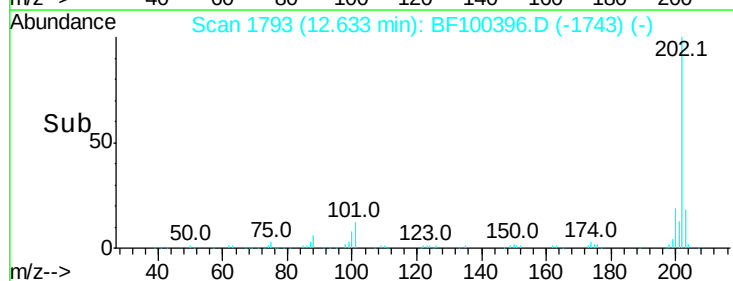
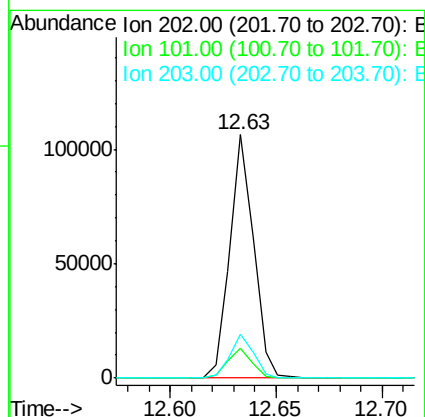
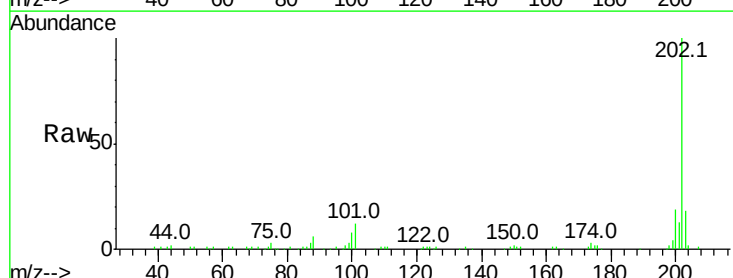
RT: 12.63 min Scan# 1793

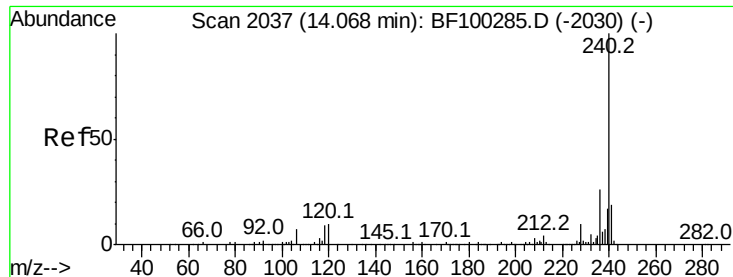
Delta R.T. -0.01 min

Lab File: BF100396.D

Acq: 10 Nov 2017 17:35

Tgt Ion:	202	Resp:	82724
Ion Ratio	Lower	Upper	
202	100		
101	12.5	0.0	34.1
203	17.8	0.0	38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.06 min Scan# 2036

Delta R.T. -0.01 min

Lab File: BF100396.D

Acq: 10 Nov 2017 17:35

Instrument :

BNA_F

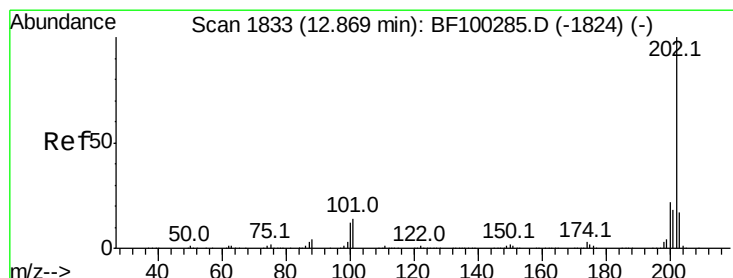
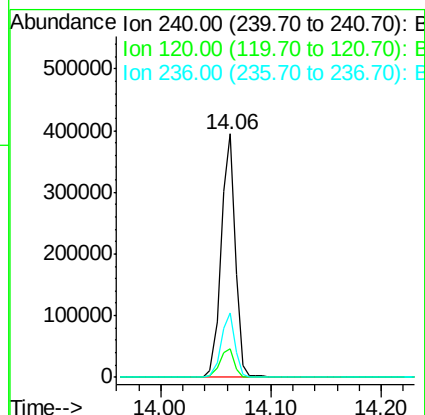
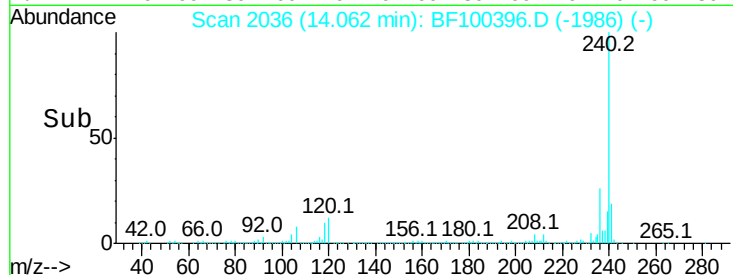
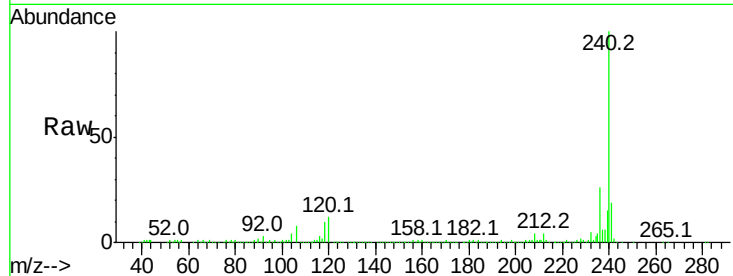
ClientSampleId :

N-P001-001-0001-01MS

Tot Ion:	240	Resp:	351682
Ion Ratio	Lower	Upper	
240	100		
120	11.6	9.5	14.3
236	26.3	20.7	31.1

Manual Integrations
APPROVED

SOHIL
11/13/2017 4:43:20 PM



#77

Pyrene

Concen: 3.328 ng

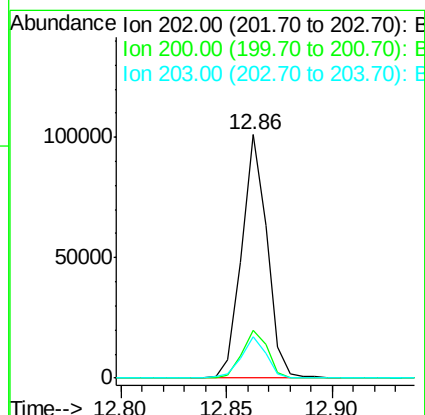
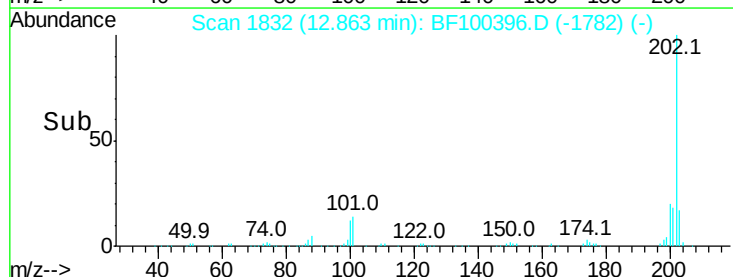
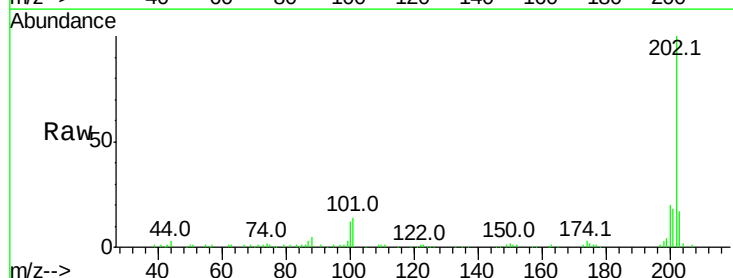
RT: 12.86 min Scan# 1832

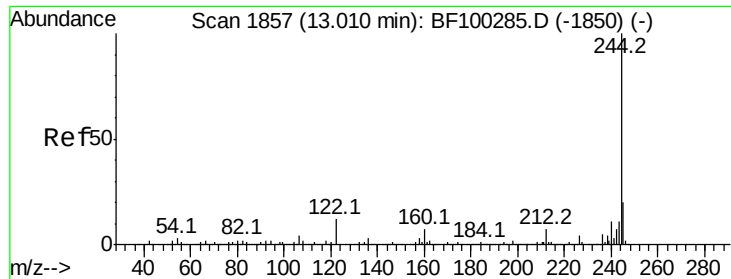
Delta R.T. -0.01 min

Lab File: BF100396.D

Acq: 10 Nov 2017 17:35

Tgt Ion:	202	Resp:	83428
Ion Ratio	Lower	Upper	
202	100		
200	19.7	17.4	26.2
203	17.3	14.3	21.5





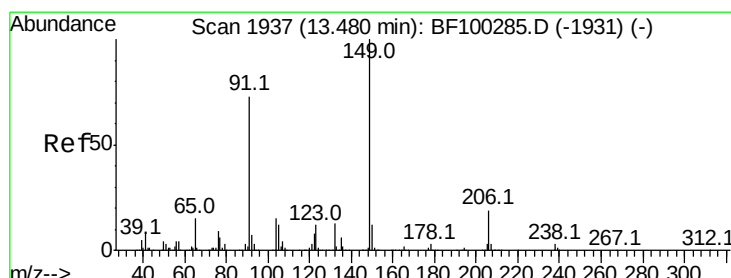
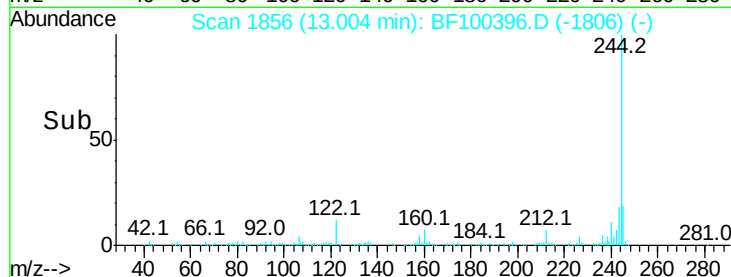
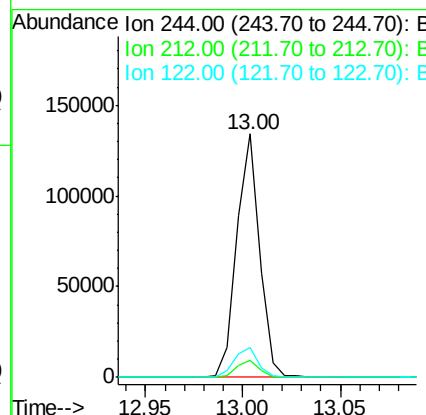
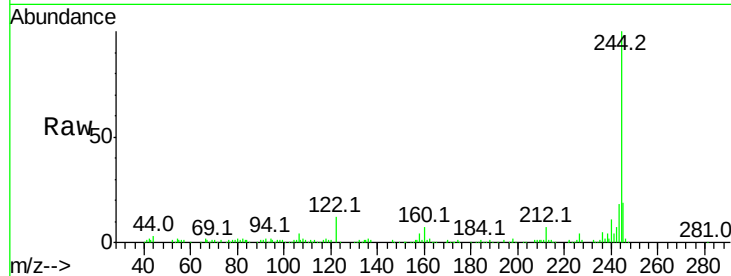
#78
 Terphenyl-d14
 Concen: 7.104 ng
 RT: 13.00 min Scan# 1856
 Delta R.T. -0.01 min
 Lab File: BF100396.D
 Acq: 10 Nov 2017 17:35

Instrument :
 BNA_F
 ClientSampleId :
 N-P001-001-0001-01MS

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.4	8.0
122	12.0	11.0	16.4

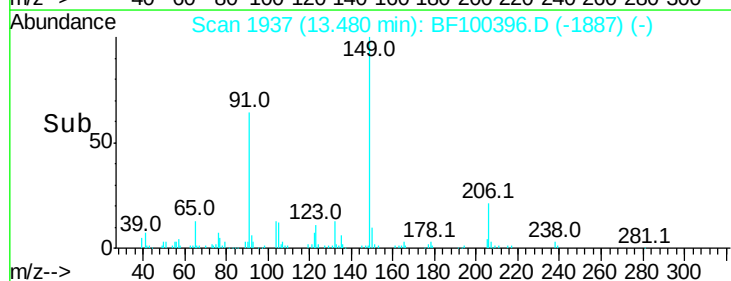
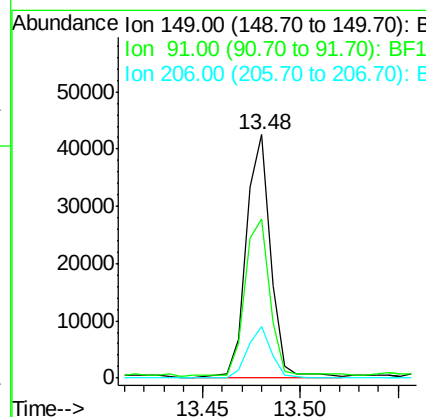
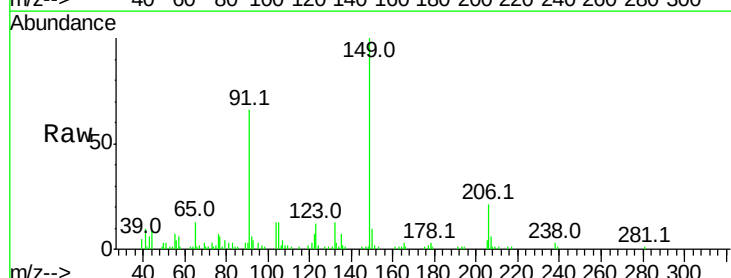
Manual Integrations
 APPROVED

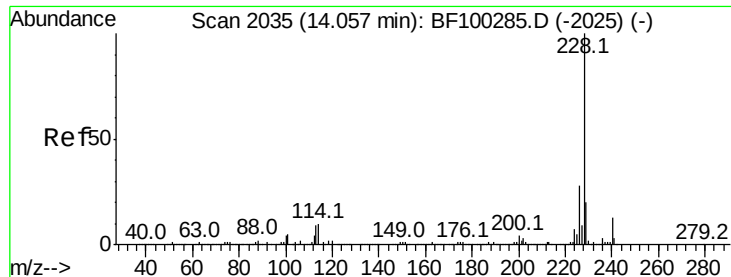
SOHIL
 11/13/2017 4:43:20 PM



#79
 Butylbenzylphthalate
 Concen: 3.640 ng
 RT: 13.48 min Scan# 1937
 Delta R.T. -0.01 min
 Lab File: BF100396.D
 Acq: 10 Nov 2017 17:35

Tgt Ion	Ratio	Lower	Upper
149	100		
91	65.6	56.8	85.2
206	21.4	14.1	21.1#





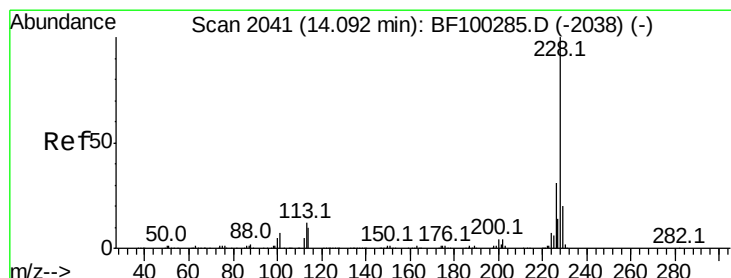
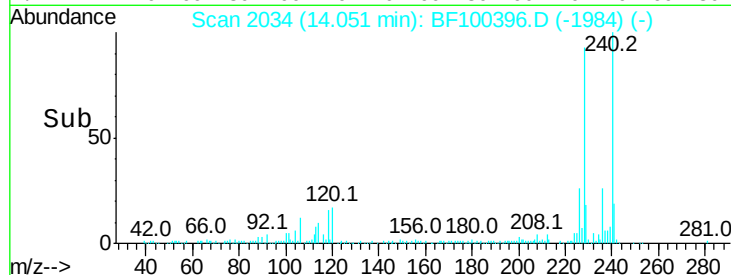
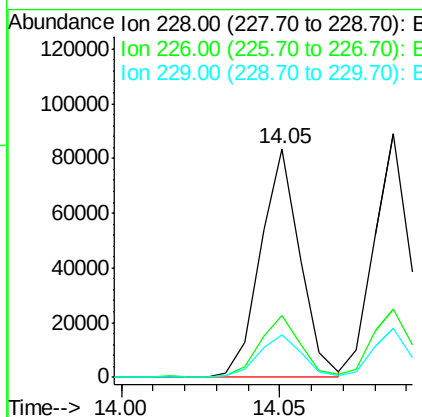
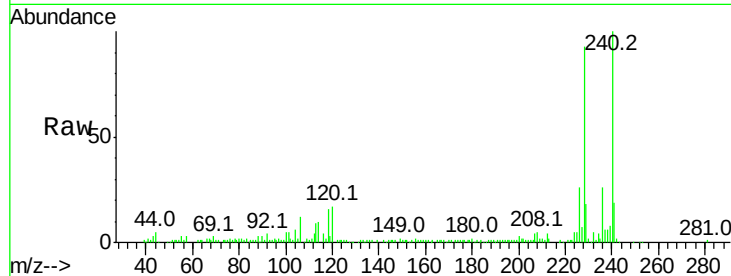
#80
Benzo(a)anthracene
Concen: 3.427 ng
RT: 14.05 min Scan# 2034
Delta R.T. -0.01 min
Lab File: BF100396.D
Acq: 10 Nov 2017 17:35

Instrument :
BNA_F
ClientSampleId :
N-P001-001-0001-01MS

Tot Ion	Ratio	Lower	Upper
228	100		
226	27.3	22.6	33.8
229	18.7	15.8	23.6

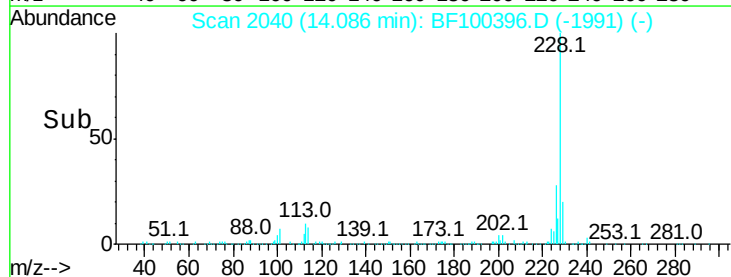
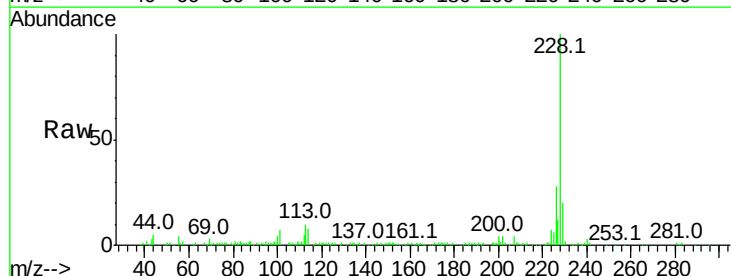
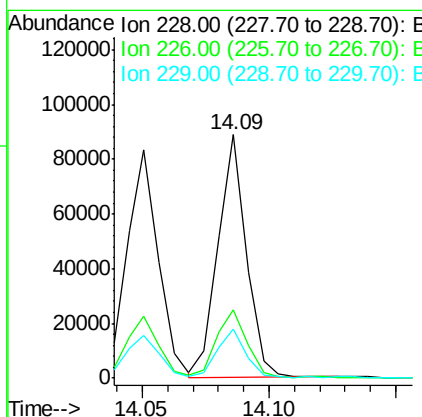
Manual Integrations
APPROVED

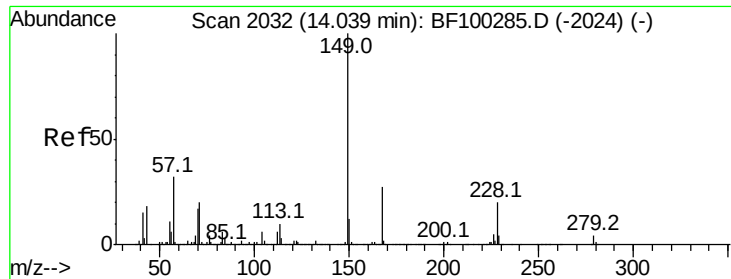
SOHIL
11/13/2017 4:43:20 PM



#82
Chrysene
Concen: 3.374 ng
RT: 14.09 min Scan# 2040
Delta R.T. -0.01 min
Lab File: BF100396.D
Acq: 10 Nov 2017 17:35

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.1	25.0	37.6
229	20.0	16.2	24.4





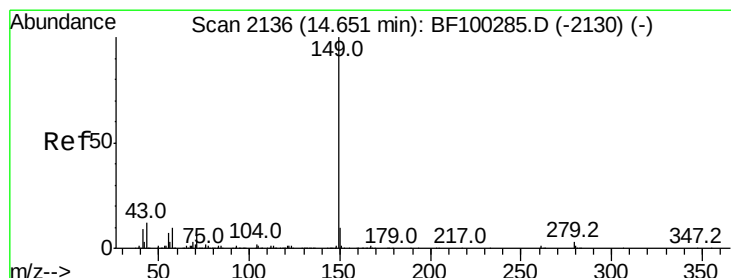
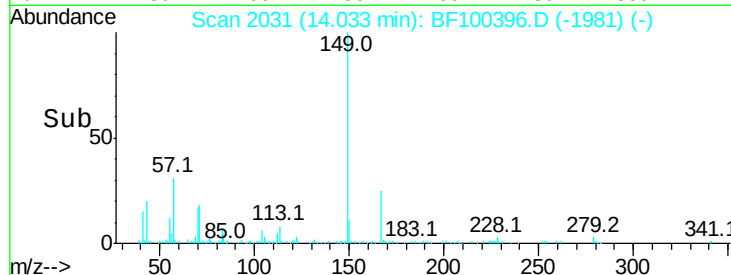
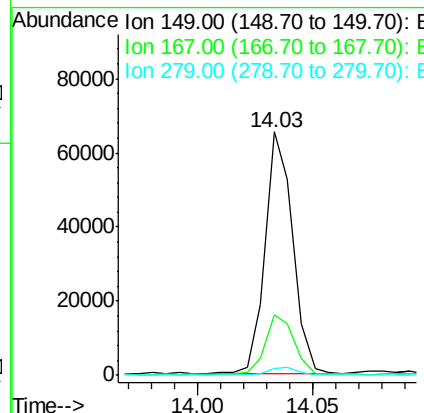
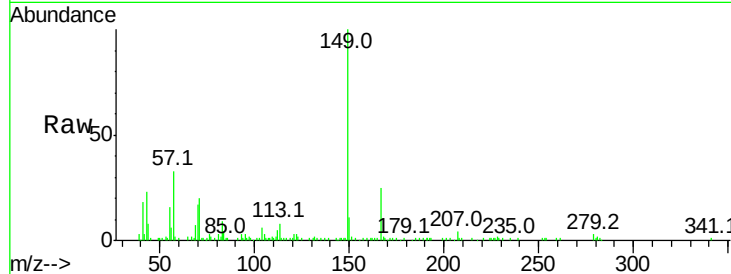
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 4.019 ng
 RT: 14.03 min Scan# 2031
 Delta R.T. -0.01 min
 Lab File: BF100396.D
 Acq: 10 Nov 2017 17:35

Instrument :
 BNA_F
 ClientSampleId :
 N-P001-001-0001-01MS

Tot Ion	Ratio	Lower	Upper
149	100		
167	25.0	21.3	31.9
279	2.6	3.0	4.4#

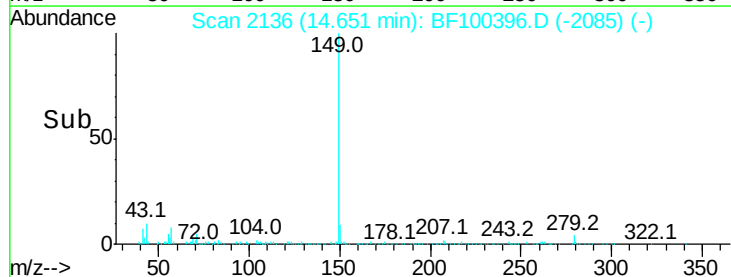
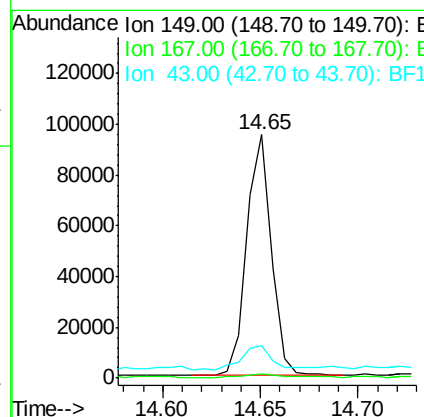
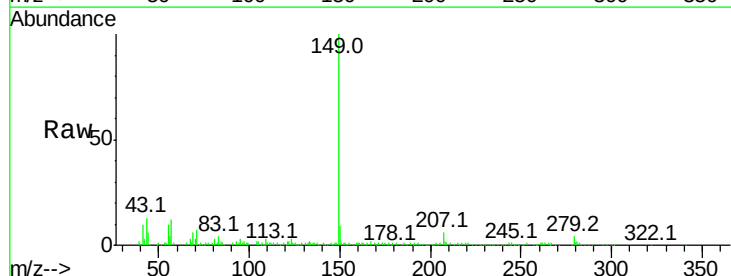
Manual Integrations
 APPROVED

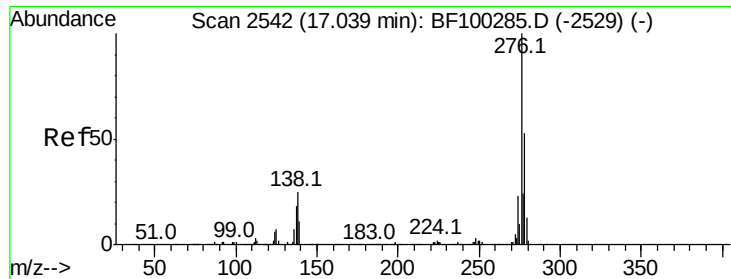
SOHIL
 11/13/2017 4:43:20 PM



#84
 Di-n-octyl phthalate
 Concen: 3.564 ng
 RT: 14.65 min Scan# 2136
 Delta R.T. -0.00 min
 Lab File: BF100396.D
 Acq: 10 Nov 2017 17:35

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.9	1.2	1.8#
43	12.5	8.4	12.6





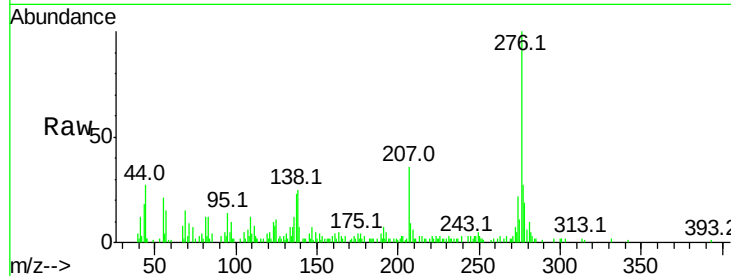
#85
Indeno(1,2,3-cd)pyrene
Concen: 3.072 ng
RT: 17.03 min Scan# 2540
Delta R.T. -0.02 min
Lab File: BF100396.D
Acq: 10 Nov 2017 17:35

Instrument :
BNA_F
ClientSampleId :
N-P001-001-0001-01MS

Tot Ion	Ratio	Lower	Upper
276	100		
138	27.6	25.0	37.6
277	24.8	20.1	30.1

Manual Integrations
APPROVED

SOHIL
11/13/2017 4:43:20 PM

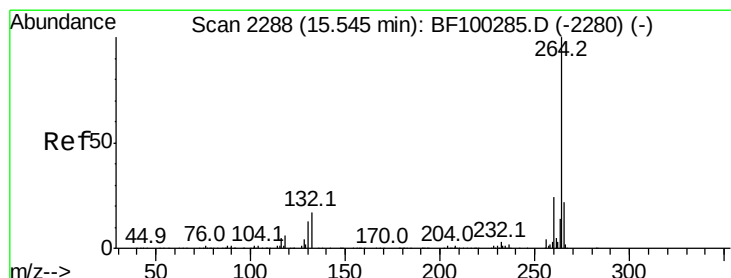
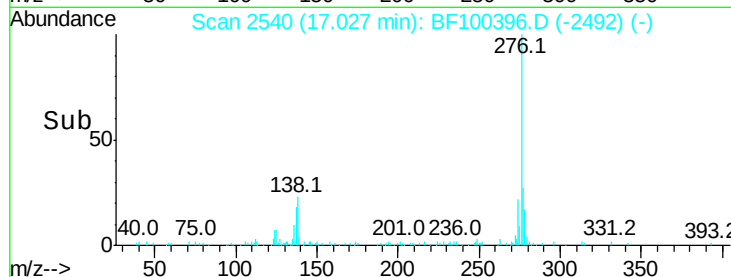
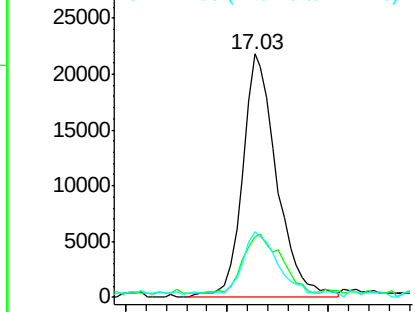


Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.54 min Scan# 2288
Delta R.T. -0.00 min
Lab File: BF100396.D
Acq: 10 Nov 2017 17:35

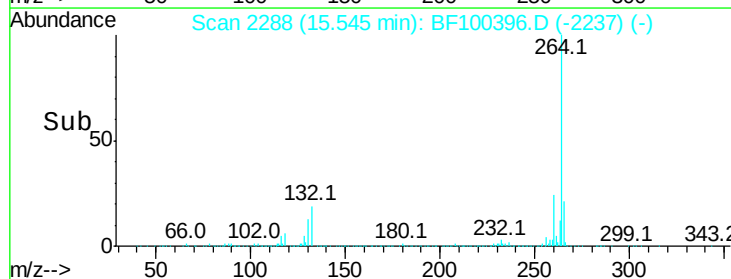
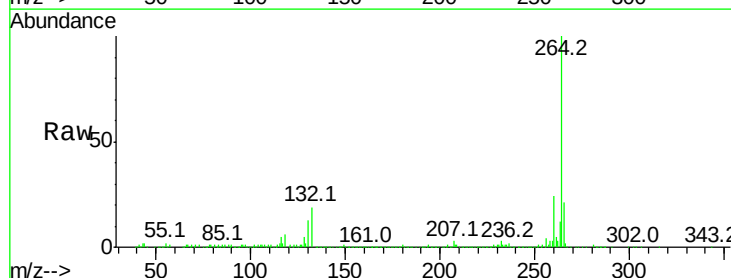
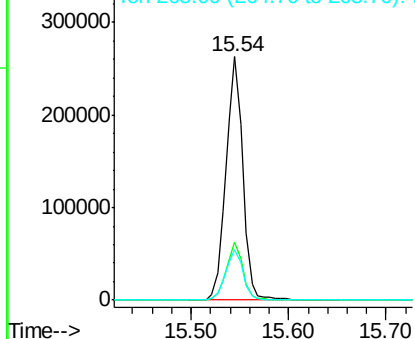
Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.2	28.8
265	20.8	17.5	26.3

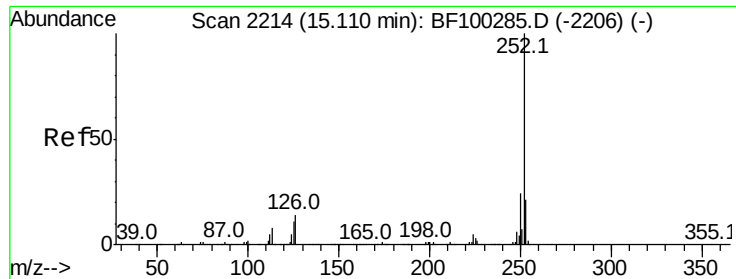
Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





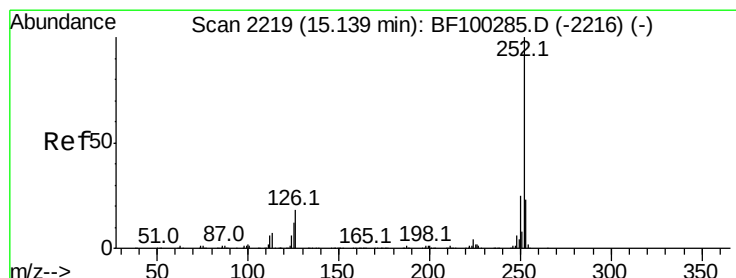
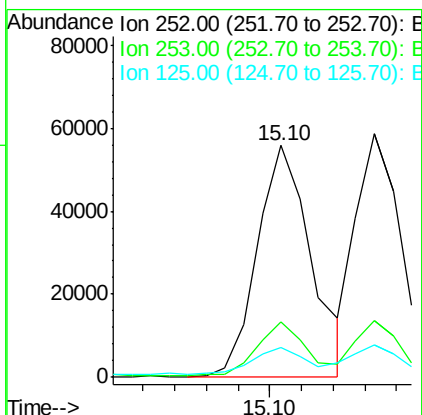
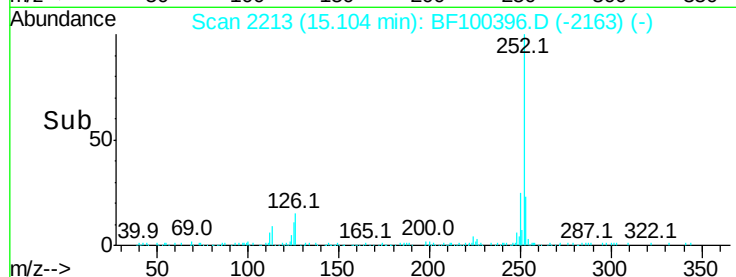
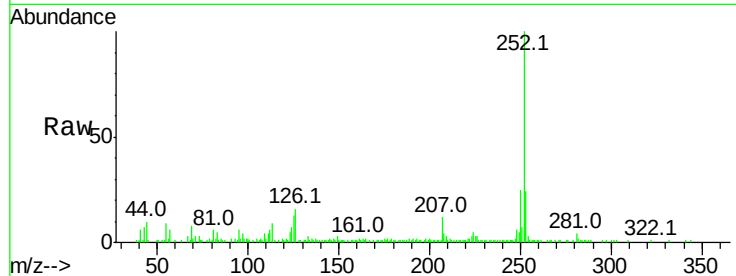
#87
Benzo(b)fluoranthene
Concen: 3.530 ng
RT: 15.10 min Scan# 2213
Delta R.T. -0.01 min
Lab File: BF100396.D
Acq: 10 Nov 2017 17:35

Instrument :
BNA_F
ClientSampleId :
N-P001-001-0001-01MS

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.7	17.0	25.6
125	12.7	9.0	13.6

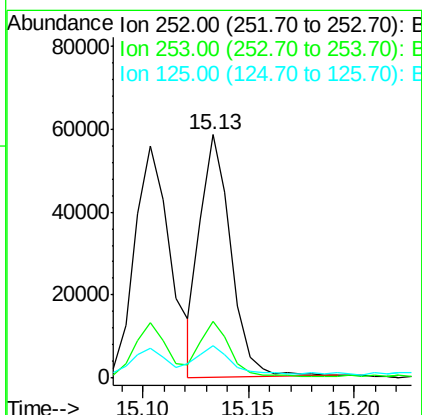
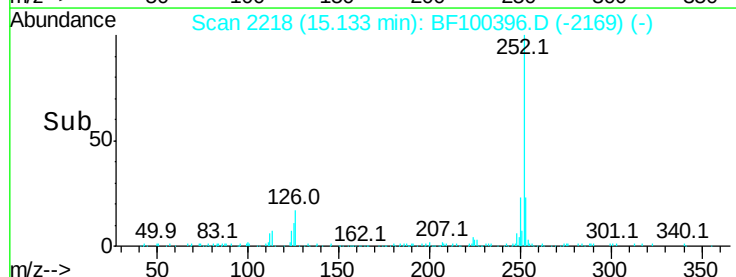
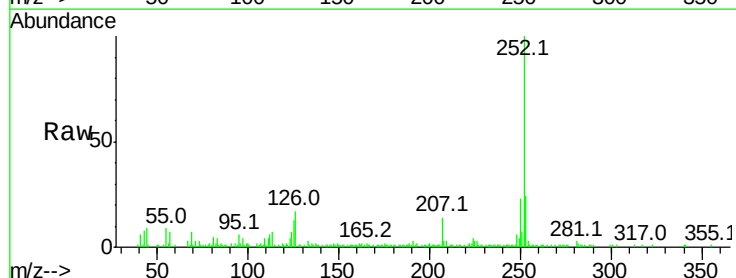
Manual Integrations
APPROVED

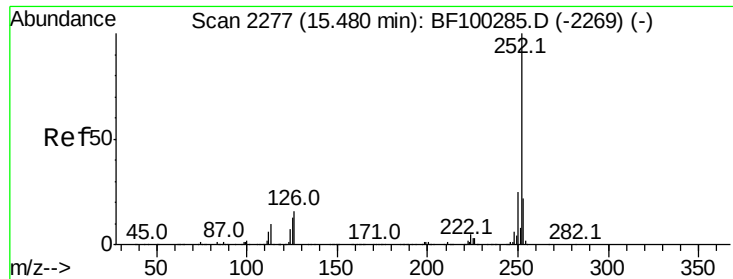
SOHIL
11/13/2017 4:43:20 PM



#88
Benzo(k)fluoranthene
Concen: 3.324 ng
RT: 15.13 min Scan# 2218
Delta R.T. -0.01 min
Lab File: BF100396.D
Acq: 10 Nov 2017 17:35

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.5	17.9	26.9
125	13.1	10.2	15.2





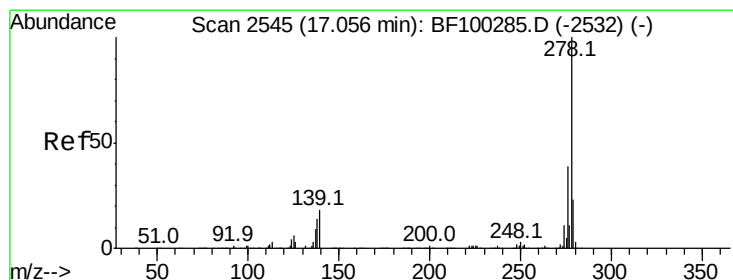
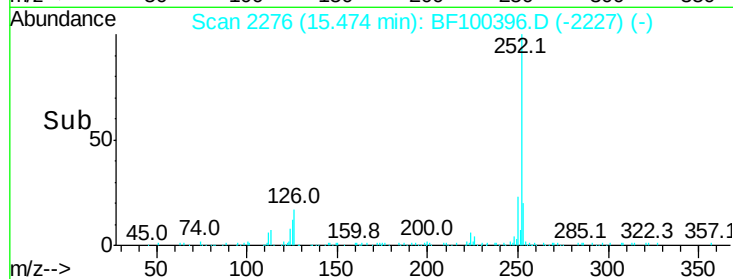
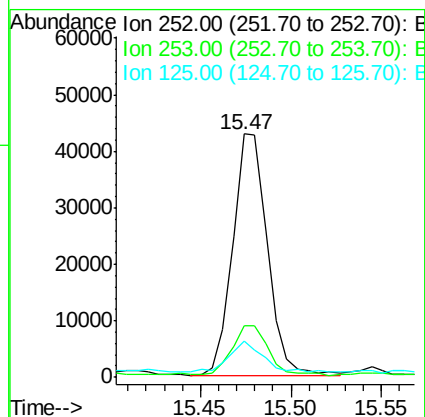
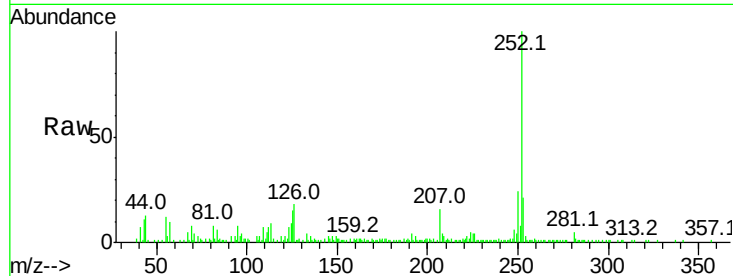
#89
Benzo(a)pyrene
Concen: 3.436 ng
RT: 15.47 min Scan# 2276
Delta R.T. -0.01 min
Lab File: BF100396.D
Acq: 10 Nov 2017 17:35

Instrument :
BNA_F
ClientSampleId :
N-P001-001-0001-01MS

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.1	17.1	25.7
125	14.8	9.8	14.6

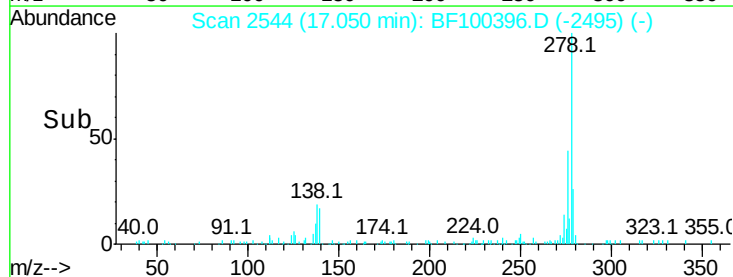
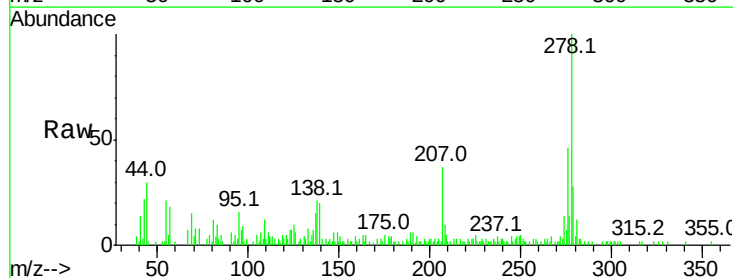
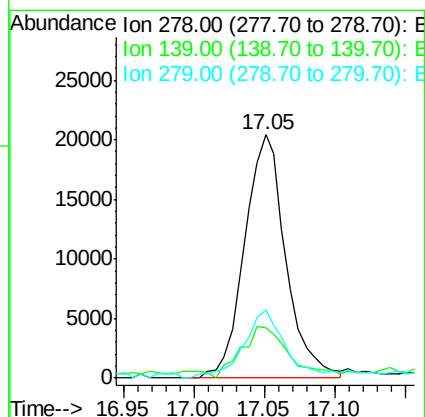
Manual Integrations
APPROVED

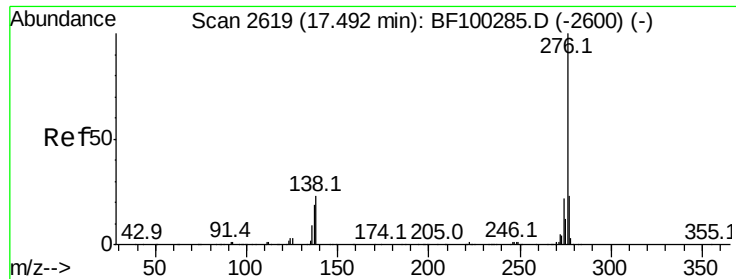
SOHIL
11/13/2017 4:43:20 PM



#90
Dibenzo(a,h)anthracene
Concen: 3.082 ng
RT: 17.05 min Scan# 2544
Delta R.T. -0.01 min
Lab File: BF100396.D
Acq: 10 Nov 2017 17:35

Tgt Ion	Ratio	Lower	Upper
278	100		
139	20.4	15.9	23.9
279	28.2	19.0	28.4





#91
 Benzo(a,h,i)perylene
 Concen: 3.298 ng
 RT: 17.48 min Scan# 2617
 Delta R.T. -0.02 min
 Lab File: BF100396.D
 Acq: 10 Nov 2017 17:35

Instrument :
 BNA_F
 ClientSampleId :
 N-P001-001-0001-01MS

Tot Ion:	276	Resp:	43781
Ion Ratio	Lower	Upper	
276	100		
277	24.2	17.9	26.9
138	29.8	21.8	32.8

Manual Integrations
 APPROVED

SOHIL
 11/13/2017 4:43:20 PM

