

Data Path : Z:\HPCHEM1\BNA F\DATA\BF111617\
 Data File : BF100628.D
 Acq On : 16 Nov 2017 14:10
 Operator : SJ/JU
 Sample : I6302-02MSD
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HR-04-111317-AMSD

Manual Integrations
 APPROVED

SOHIL
 11/17/2017 1:24:40 PM

Quant Time: Nov 16 15:05:02 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110817.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 16 11:34:03 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	118929	20.00	ng	-0.02
21) Naphthalene-d8	8.16	136	477487	20.00	ng	-0.02
38) Acenaphthene-d10	9.92	164	222792	20.00	ng	-0.02
63) Phenanthrene-d10	11.40	188	441231	20.00	ng	-0.02
75) Chrysene-d12	14.04	240	308970	20.00	ng	-0.02
86) Perylene-d12	15.52	264	253535	20.00	ng	-0.03

System Monitoring Compounds

5) 2-Fluorophenol	5.52	112	778624	104.95	ng	0.01
7) Phenol-d6	6.52	99	883434	96.56	ng	0.00
23) Nitrobenzene-d5	7.45	82	682894	94.55	ng	-0.02
41) 2,4,6-Tribromophenol	10.72	330	294164	129.57	ng	-0.01
44) 2-Fluorobiphenyl	9.24	172	1278182	87.36	ng	-0.02
78) Terphenyl-d14	12.99	244	1223459	90.98	ng	-0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.83	88	128349	35.499	ng	# 80
3) Pyridine	3.56	79	324699	32.917	ng	95
4) n-Nitrosodimethylamine	3.51	42	177950	37.156	ng	99
6) Aniline	6.55	93	224943	17.404	ng	98
8) 2-Chlorophenol	6.67	128	353650	45.058	ng	97
9) Benzaldehyde	6.43	77	117257	17.947	ng	99
10) Phenol	6.53	94	370496	38.576	ng	100
11) bis(2-Chloroethyl)ether	6.62	93	350659	43.467	ng	96
12) 1,3-Dichlorobenzene	6.83	146	403570	44.598	ng	97
13) 1,4-Dichlorobenzene	6.90	146	404992	44.219	ng	97
14) 1,2-Dichlorobenzene	7.06	146	384258	45.377	ng	96
15) Benzyl Alcohol	7.03	79	314716	44.076	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.16	45	639425	49.557	ng	98
17) 2-Methylphenol	7.13	107	310071	46.229	ng	99
18) Hexachloroethane	7.40	117	141043	46.706	ng	92
19) n-Nitroso-di-n-propylamine	7.30	70	257186	40.535	ng	95
20) 3+4-Methylphenols	7.29	107	356775	42.035	ng	# 84
22) Acetophenone	7.30	105	491183	42.186	ng	# 98
24) Nitrobenzene	7.47	77	393945	52.996	ng	98
25) Isophorone	7.70	82	719594	47.414	ng	100
26) 2-Nitrophenol	7.78	139	207683	58.290	ng	95
27) 2,4-Dimethylphenol	7.82	122	350078	51.455	ng	97
28) bis(2-Chloroethoxy)methane	7.92	93	467194	47.061	ng	99
29) 2,4-Dichlorophenol	8.02	162	327602	50.439	ng	96
30) 1,2,4-Trichlorobenzene	8.10	180	341163	48.560	ng	98
31) Naphthalene	8.19	128	1100903	47.869	ng	100
32) Benzoic acid	7.88	122	26082	13.400	ng	96
33) 4-Chloroaniline	8.23	127	104041	10.868	ng	97
34) Hexachlorobutadiene	8.30	225	192658	46.121	ng	98
35) Caprolactam	8.61	113	73551m	32.998	ng	
36) 4-Chloro-3-methylphenol	8.72	107	335344	48.074	ng	96
37) 2-Methylnaphthalene	8.88	142	741810	48.584	ng	98
39) 1,2,4,5-Tetrachlorobenzene	9.05	216	329591	44.606	ng	97
40) Hexachlorocyclopentadiene	9.03	237	318370	91.549	ng	99

Data Path : Z:\HPCHEM1\BNA F\DATA\BF111617\
 Data File : BF100628.D
 Acq On : 16 Nov 2017 14:10
 Operator : SJ/JU
 Sample : I6302-02MSD
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HR-04-111317-AMSD

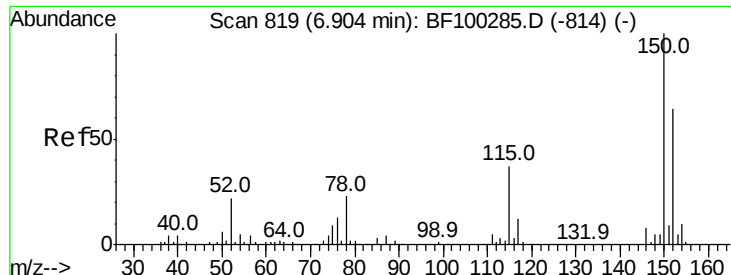
Manual Integrations
 APPROVED

SOHIL
 11/17/2017 1:24:40 PM

Quant Time: Nov 16 15:05:02 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110817.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 16 11:34:03 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.16	196	240017	51.253	nq	98
43) 2,4,5-Trichlorophenol	9.20	196	256497	52.865	nq	92
45) 1,1'-Biphenyl	9.35	154	868409	45.067	nq	99
46) 2-Chloronaphthalene	9.37	162	685386	49.029	nq	96
47) 2-Nitroaniline	9.46	65	220134	52.986	nq	97
48) Acenaphthylene	9.79	152	1058278	45.681	nq	100
49) Dimethylphthalate	9.65	163	808265	47.516	nq	99
50) 2,6-Dinitrotoluene	9.70	165	184928	54.922	nq	97
51) Acenaphthene	9.96	154	629924	44.709	nq	99
52) 3-Nitroaniline	9.87	138	93692	23.564	nq	97
53) 2,4-Dinitrophenol	9.97	184	27118	29.816	nq	# 17
54) Dibenzofuran	10.13	168	935532	47.375	nq	98
55) 4-Nitrophenol	10.03	139	258572	80.090	nq	96
56) 2,4-Dinitrotoluene	10.11	165	247257	58.209	nq	92
57) Fluorene	10.47	166	706398	48.831	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.25	232	201959	50.788	nq	# 87
59) Diethylphthalate	10.34	149	775846	45.577	nq	97
60) 4-Chlorophenyl-phenylether	10.46	204	338101	47.643	nq	94
61) 4-Nitroaniline	10.49	138	190203	50.449	nq	89
62) Azobenzene	10.62	77	725231	45.234	nq	94
64) 4,6-Dinitro-2-methylphenol	10.52	198	40419	23.473	nq	77
65) n-Nitrosodiphenylamine	10.58	169	683716	44.565	nq	95
66) 4-Bromophenyl-phenylether	10.95	248	226648	47.918	nq	# 85
67) Hexachlorobenzene	11.02	284	237535	48.016	nq	# 90
68) Atrazine	11.10	200	220935	47.573	nq	98
69) Pentachlorophenol	11.21	266	206286	58.154	nq	98
70) Phenanthrene	11.43	178	1099894	47.345	nq	99
71) Anthracene	11.49	178	1103847	46.834	nq	100
72) Carbazole	11.64	167	1013526	46.604	nq	98
73) Di-n-butylphthalate	11.96	149	1229812	48.323	nq	99
74) Fluoranthene	12.62	202	1142059	46.386	nq	97
76) Benzidine	12.74	184	450836	36.435	nq	97
77) Pyrene	12.85	202	1170122	53.128	nq	99
79) Butylbenzylphthalate	13.46	149	499118	55.569	nq	98
80) Benzo(a)anthracene	14.03	228	918141	49.346	nq	99
81) 3,3'-Dichlorobenzidine	13.99	252	167037	25.057	nq	99
82) Chrysene	14.07	228	859165	47.685	nq	100
83) Bis(2-ethylhexyl)phthalate	14.02	149	671650	56.855	nq	100
84) Di-n-octyl phthalate	14.63	149	1006808	49.610	nq	99
85) Indeno(1,2,3-cd)pyrene	17.00	276	799668	54.872	nq	95
87) Benzo(b)fluoranthene	15.09	252	721512	48.035	nq	98
88) Benzo(k)fluoranthene	15.12	252	672471	47.383	nq	97
89) Benzo(a)pyrene	15.46	252	660606	49.609	nq	99
90) Dibenzo(a,h)anthracene	17.02	278	649760	59.665	nq	97
91) Benzo(g,h,i)perylene	17.46	276	699550	65.622	nq	94

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



#1

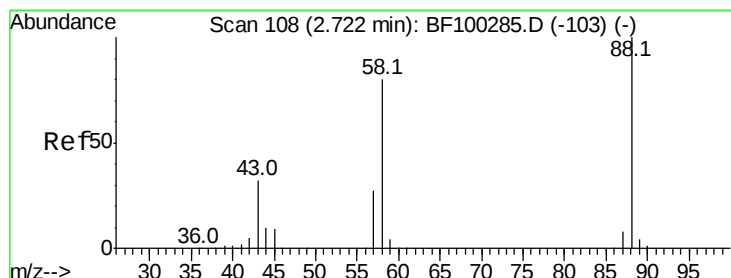
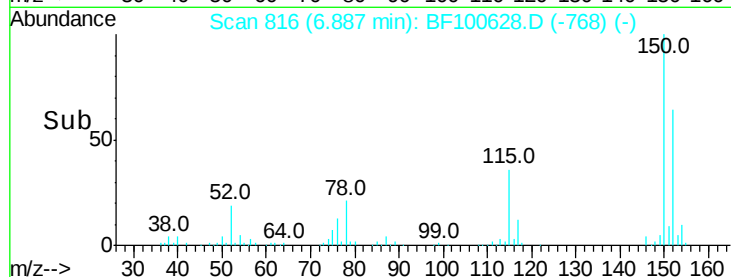
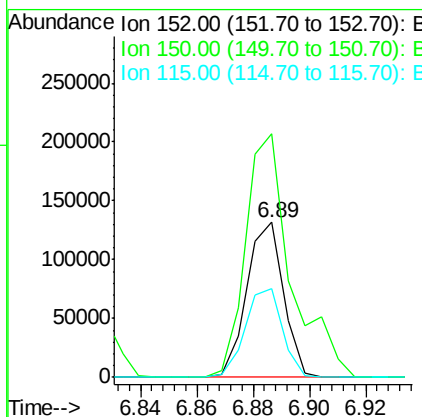
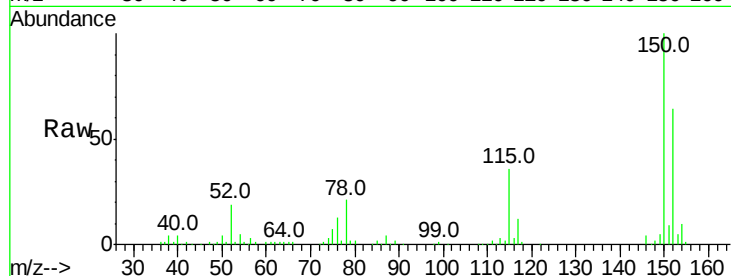
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.89 min Scan# 816
Delta R.T. -0.02 min
Lab File: BF100628.D
Acq: 16 Nov 2017 14:10

Instrument :
BNA_F
ClientSampleId :
HR-04-111317-AMSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.4	124.6	186.8
115	57.3	50.1	75.1

Manual Integrations
APPROVED

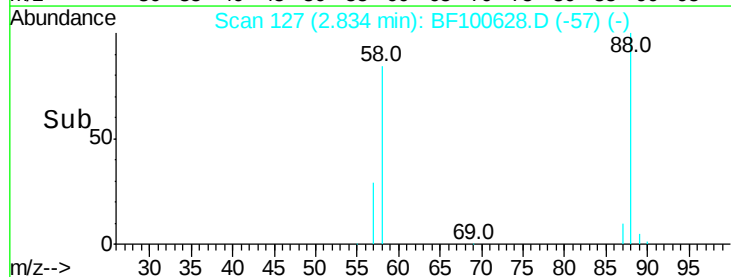
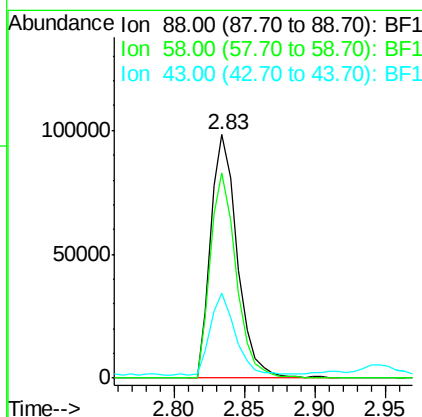
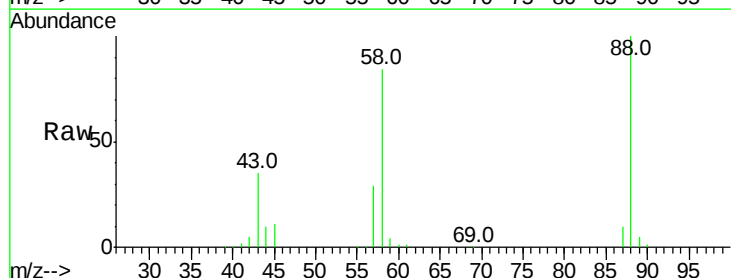
SOHIL
11/17/2017 1:24:40 PM

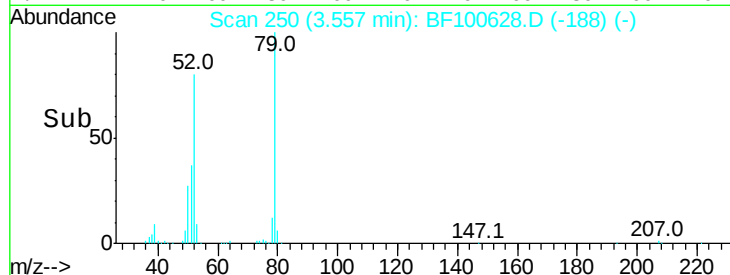
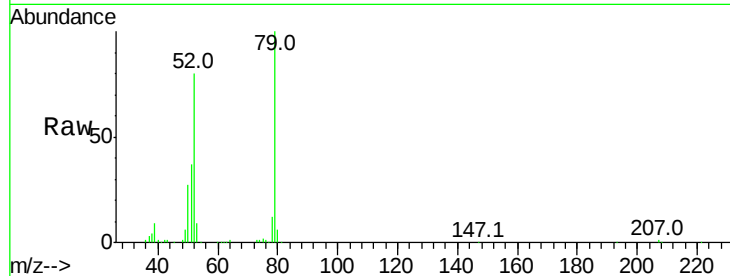
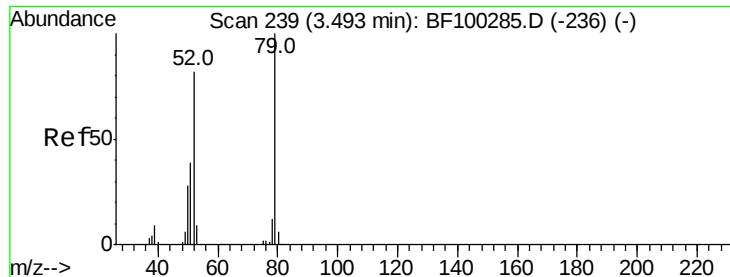


#2

1,4-Dioxane
Concen: 35.499 ng
RT: 2.83 min Scan# 127
Delta R.T. 0.11 min
Lab File: BF100628.D
Acq: 16 Nov 2017 14:10

Tgt Ion	Ratio	Lower	Upper
88	100		
58	82.6	62.6	93.8
43	0.0	24.6	37.0#





#3

Pvridine

Concen: 32.917 ng

RT: 3.56 min Scan# 250

Delta R.T. 0.06 min

Lab File: BF100628.D

Acq: 16 Nov 2017 14:10

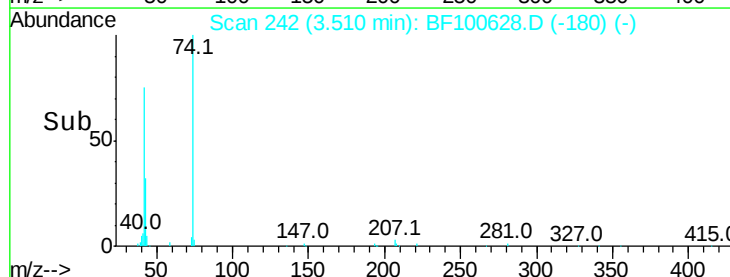
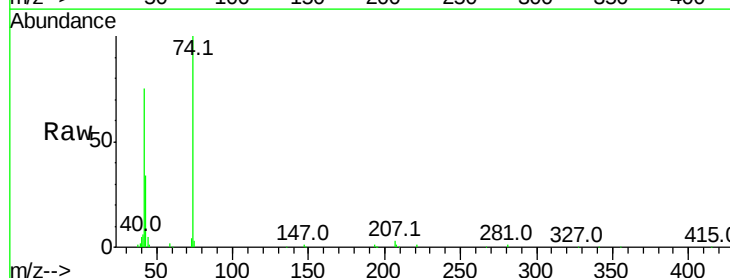
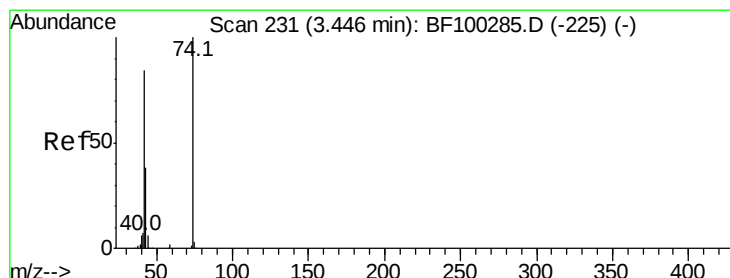
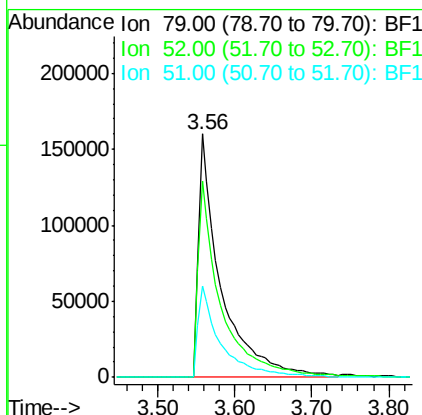
Tot Ion: 79 Resp: 324699

Ion	Ratio	Lower	Upper
79	100		
52	80.4	59.8	89.6
51	37.5	29.8	44.8

Instrument :
BNA_F
ClientSampleId :
HR-04-111317-AMSD

Manual Integrations
APPROVED

SOHIL
11/17/2017 1:24:40 PM



#4

n-Nitrosodimethylamine

Concen: 37.156 ng

RT: 3.51 min Scan# 242

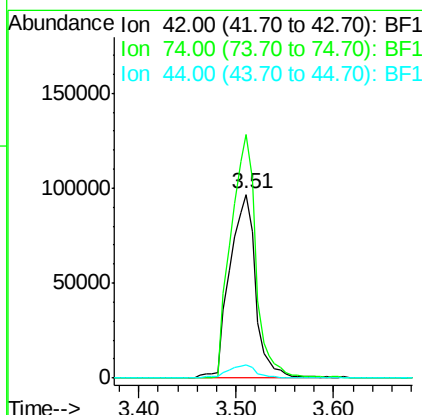
Delta R.T. 0.06 min

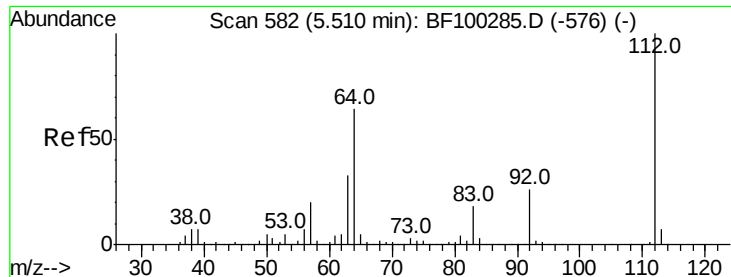
Lab File: BF100628.D

Acq: 16 Nov 2017 14:10

Tgt Ion: 42 Resp: 177950

Ion	Ratio	Lower	Upper
42	100		
74	132.6	104.9	157.3
44	7.2	6.9	10.3





#5

2-Fluorophenol

Concen: 104.947 ng

RT: 5.52 min Scan# 584

Delta R.T. 0.01 min

Lab File: BF100628.D

Acq: 16 Nov 2017 14:10

Instrument :

BNA_F

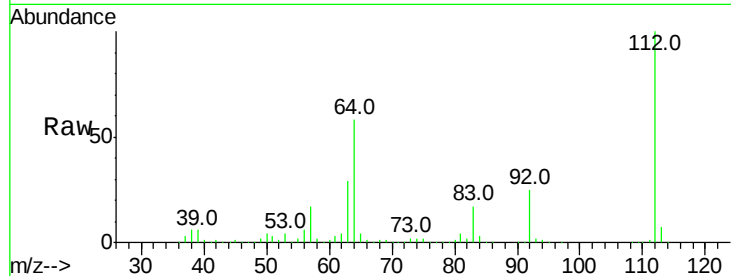
ClientSampleId :

HR-04-111317-AMSD

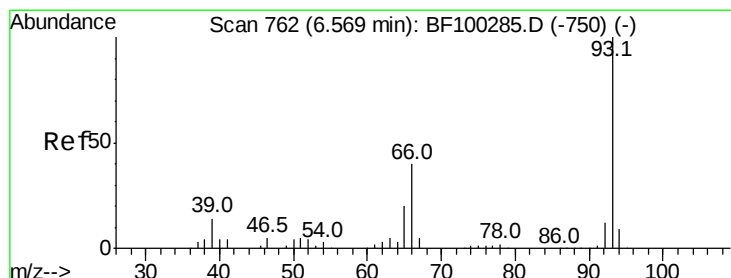
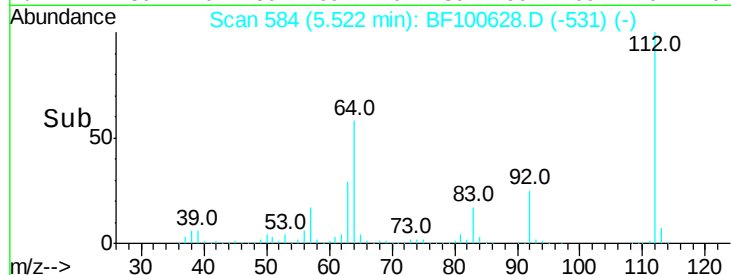
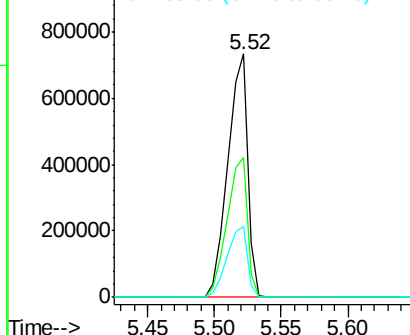
Tot Ion:	112	Resp:	778624
Ion Ratio	Lower	Upper	
112	100		
64	57.6	47.9	71.9
63	29.2	23.7	35.5

Manual Integrations
APPROVED

SOHIL
11/17/2017 1:24:40 PM



Abundance Ion 112.00 (111.70 to 112.70): BF1
Ion 64.00 (63.70 to 64.70): BF1
Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 17.404 ng

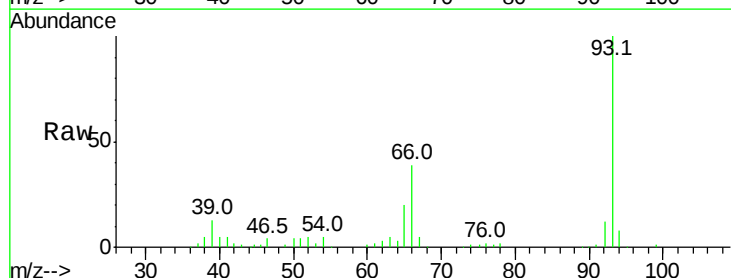
RT: 6.55 min Scan# 759

Delta R.T. -0.02 min

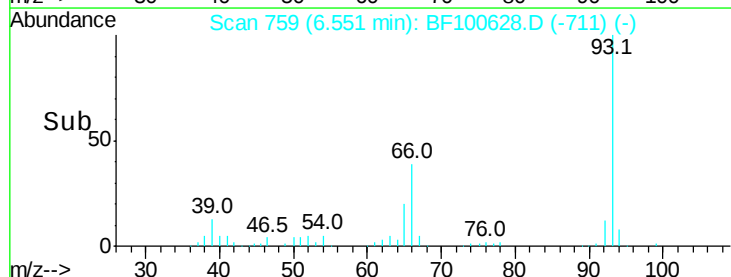
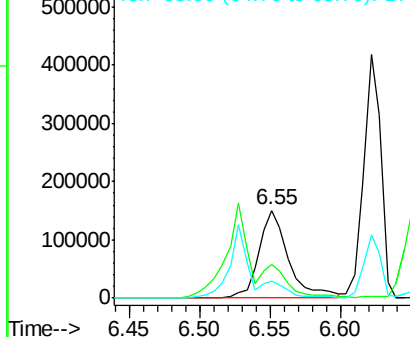
Lab File: BF100628.D

Acq: 16 Nov 2017 14:10

Tgt Ion:	93	Resp:	224943
Ion Ratio	Lower	Upper	
93	100		
66	39.1	32.2	48.2
65	19.8	16.4	24.6



Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 66.00 (65.70 to 66.70): BF1
Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 96.562 ng

RT: 6.52 min Scan# 753

Delta R.T. -0.01 min

Lab File: BF100628.D

Acq: 16 Nov 2017 14:10

Instrument :

BNA_F

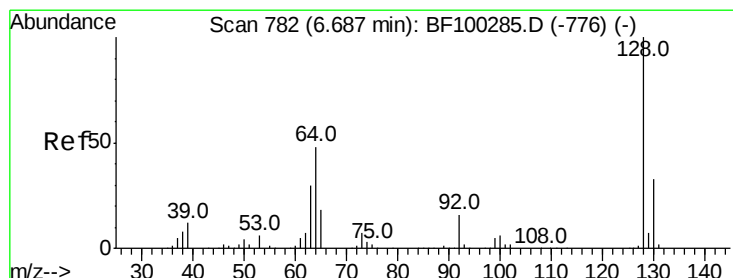
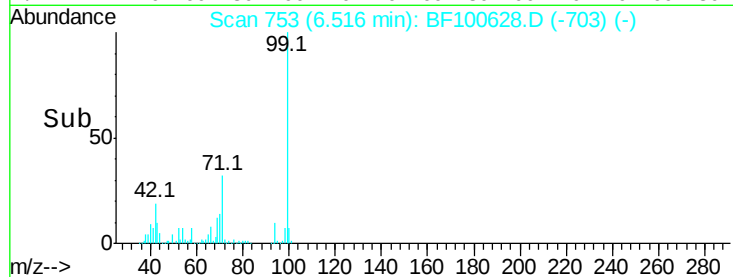
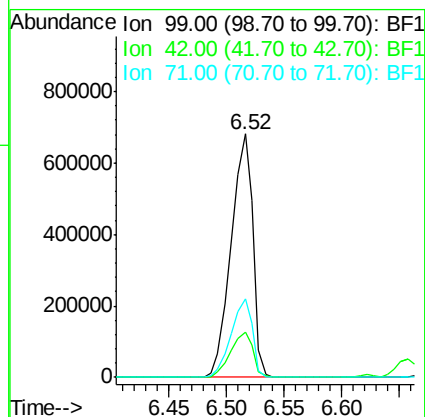
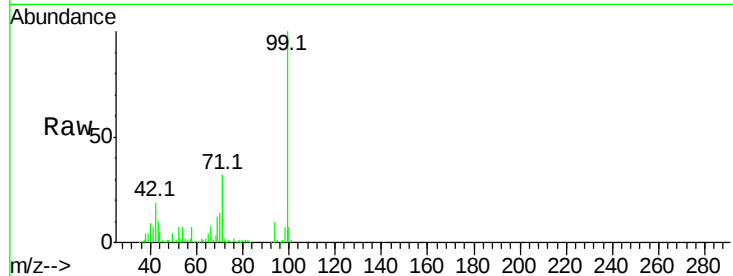
ClientSampleId :

HR-04-111317-AMSD

Tot Ion:	99	Resp:	883434
Ion Ratio	Lower	Upper	
99	100		
42	18.7	14.5	21.7
71	32.2	25.4	38.0

Manual Integrations
APPROVED

SOHIL
11/17/2017 1:24:40 PM



#8

2-Chlorophenol

Concen: 45.058 ng

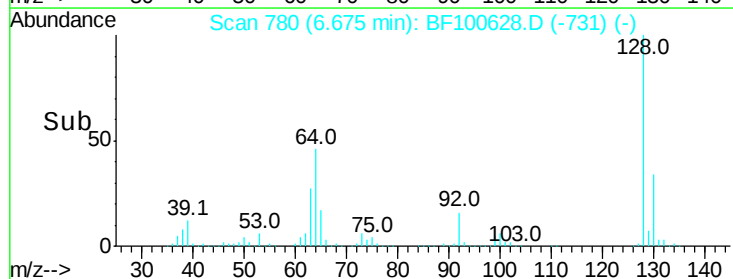
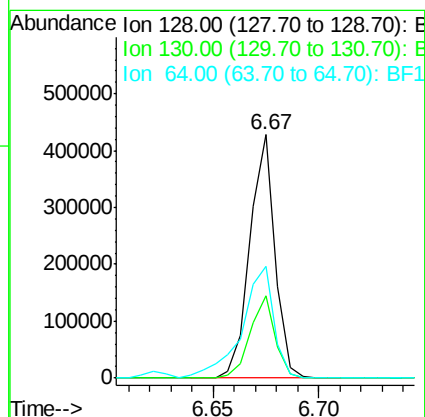
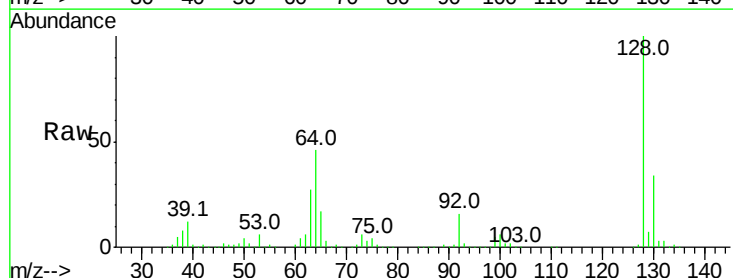
RT: 6.67 min Scan# 780

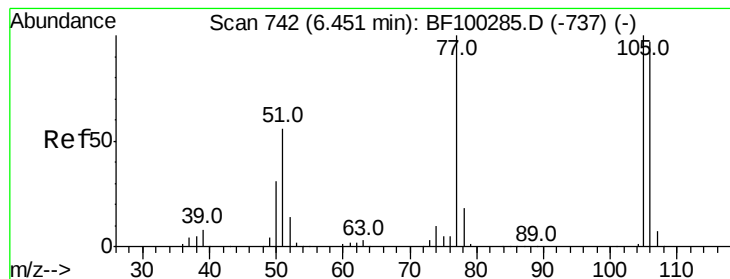
Delta R.T. -0.01 min

Lab File: BF100628.D

Acq: 16 Nov 2017 14:10

Tgt Ion:	128	Resp:	353650
Ion Ratio	Lower	Upper	
128	100		
130	33.6	13.0	53.0
64	46.1	29.4	69.4





#9

Benzaldehyde

Concen: 17.947 ng

RT: 6.43 min Scan# 739

Delta R.T. -0.02 min

Lab File: BF100628.D

Acq: 16 Nov 2017 14:10

Instrument :

BNA_F

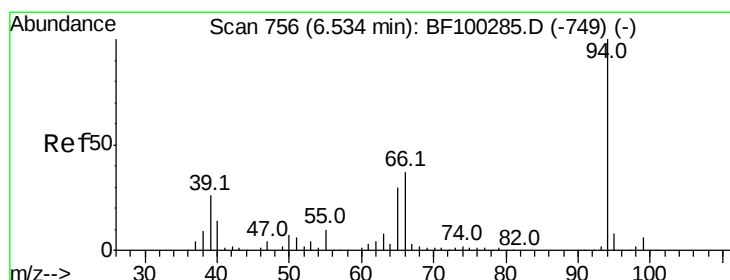
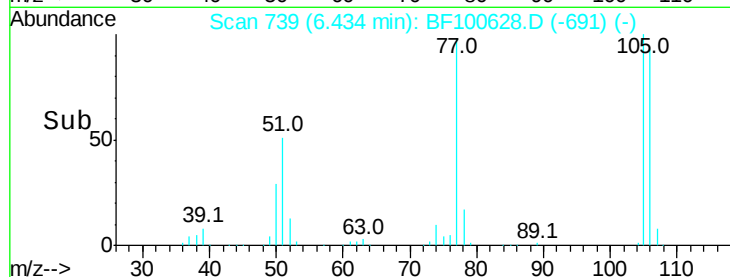
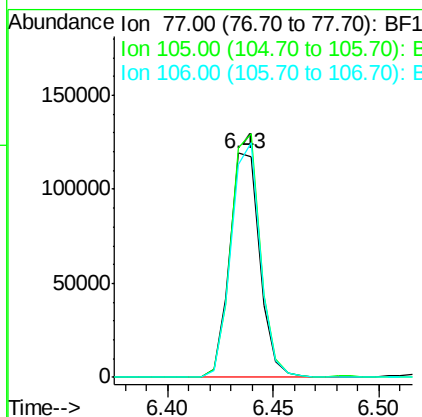
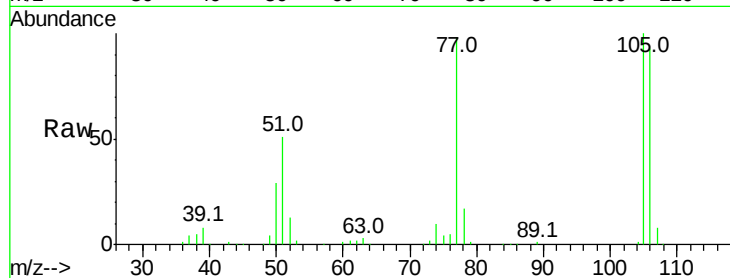
ClientSampleId :

HR-04-111317-AMSD

Tot Ion:	77	Resp:	117257
Ion Ratio	Lower	Upper	
77	100		
105	102.2	81.1	121.1
106	95.0	74.5	114.5

Manual Integrations
APPROVED

SOHIL
11/17/2017 1:24:40 PM



#10

Phenol

Concen: 38.576 ng

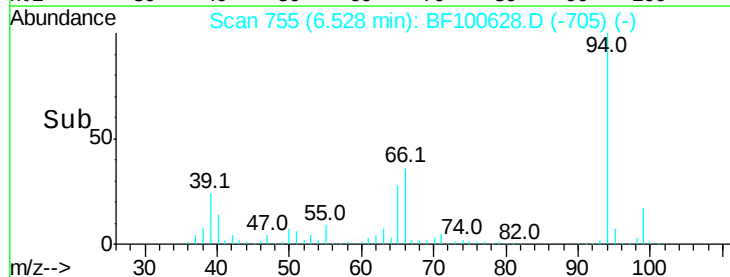
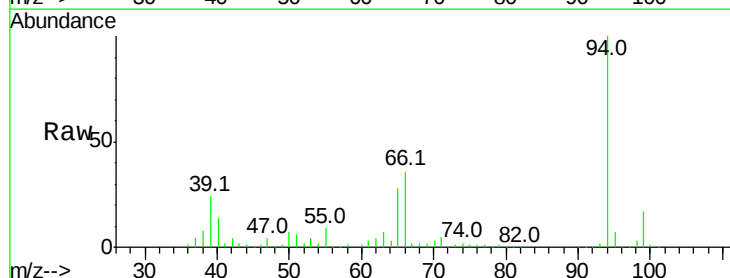
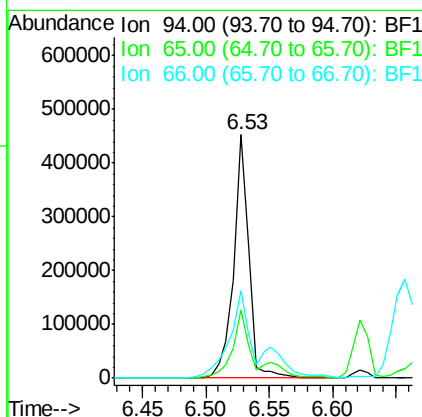
RT: 6.53 min Scan# 755

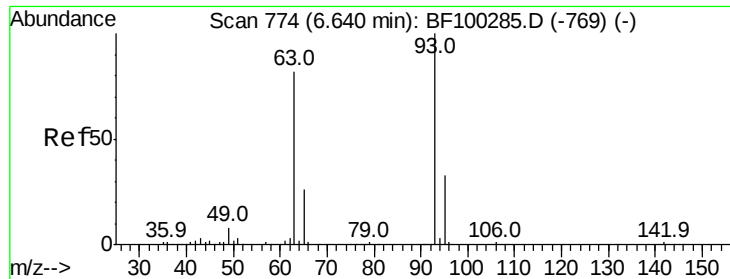
Delta R.T. -0.01 min

Lab File: BF100628.D

Acq: 16 Nov 2017 14:10

Tgt Ion:	94	Resp:	370496
Ion Ratio	Lower	Upper	
94	100		
65	27.8	7.9	47.9
66	36.1	16.2	56.2





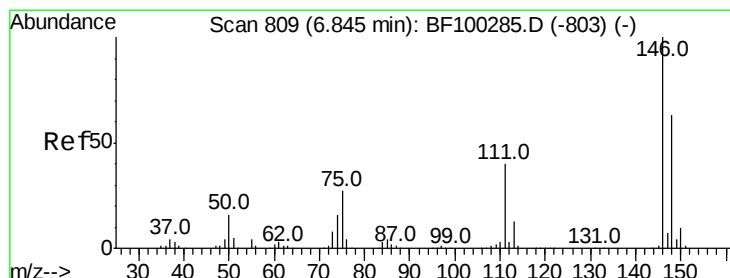
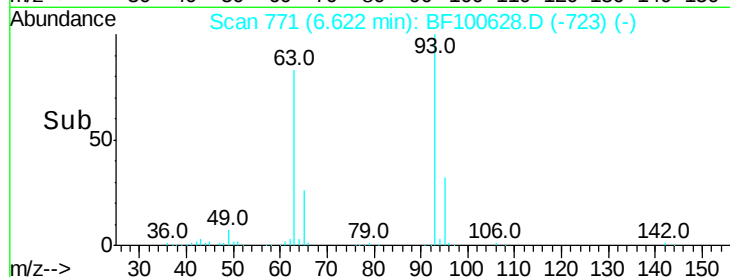
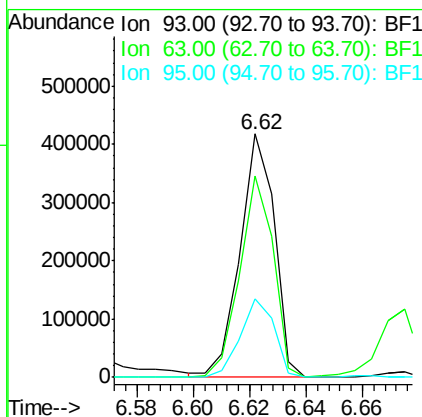
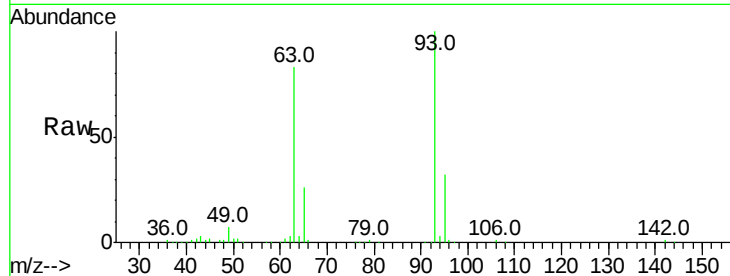
#11
bis(2-Chloroethyl)ether
Concen: 43.467 ng
RT: 6.62 min Scan# 771
Delta R.T. -0.02 min
Lab File: BF100628.D
Acq: 16 Nov 2017 14:10

Instrument :
BNA_F
ClientSampleId :
HR-04-111317-AMSD

Tot Ion	Ratio	Resp	Lower	Upper
93	100	350659		
63	82.8	58.6	98.6	
95	32.2	11.8	51.8	

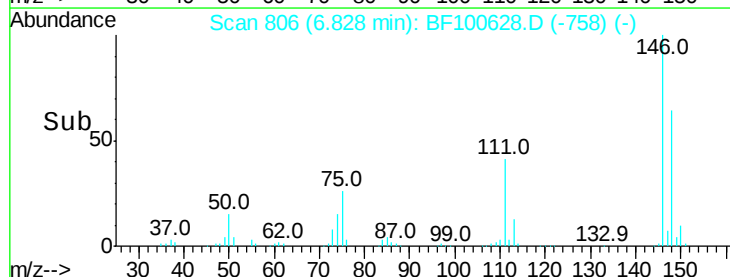
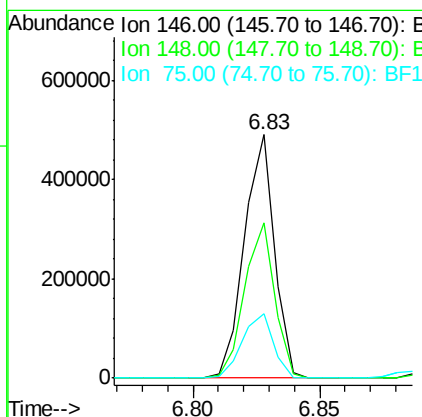
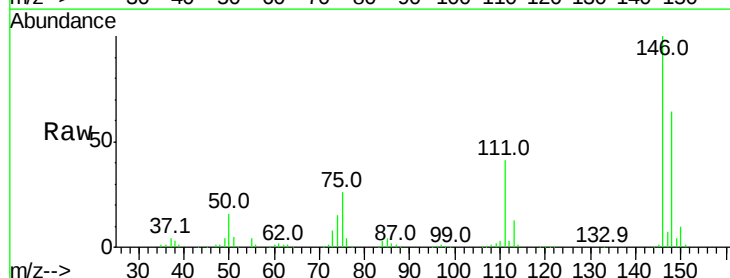
Manual Integrations
APPROVED

SOHIL
11/17/2017 1:24:40 PM



#12
1,3-Dichlorobenzene
Concen: 44.598 ng
RT: 6.83 min Scan# 806
Delta R.T. -0.02 min
Lab File: BF100628.D
Acq: 16 Nov 2017 14:10

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	403570		
148	63.6	51.8	77.8	
75	26.4	24.2	36.4	





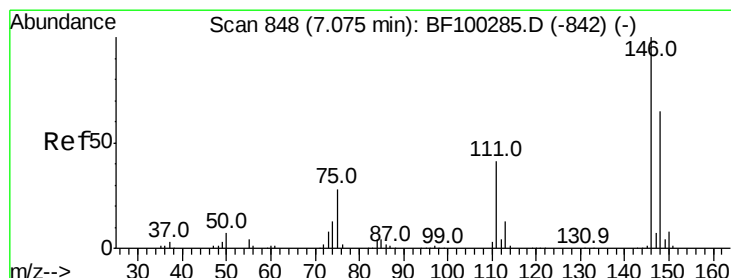
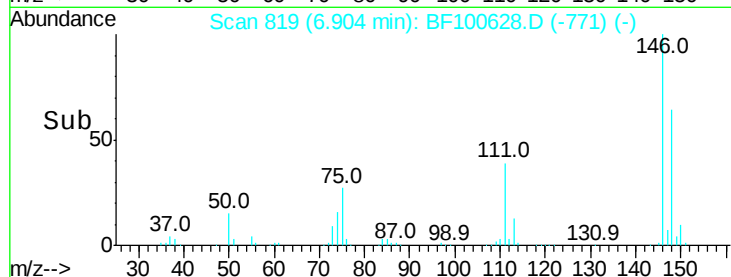
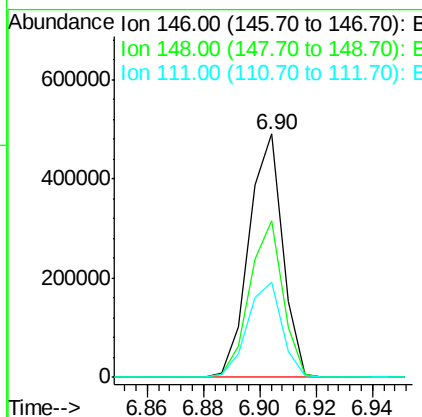
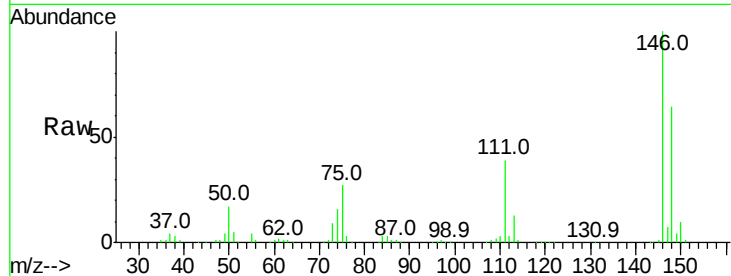
#13
 1,4-Dichlorobenzene
 Concen: 44.219 ng
 RT: 6.90 min Scan# 819
 Delta R.T. -0.02 min
 Lab File: BF100628.D
 Acq: 16 Nov 2017 14:10

Instrument :
 BNA_F
 ClientSampleId :
 HR-04-111317-AMSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.5	50.8	76.2
111	38.8	34.2	51.2

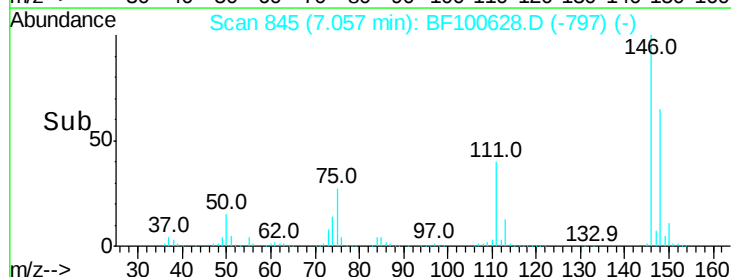
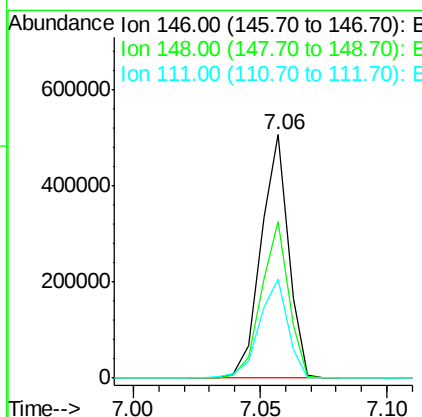
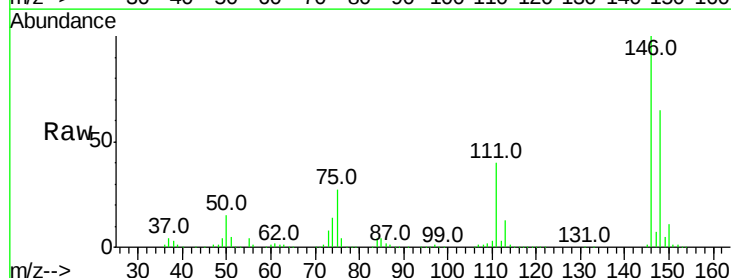
Manual Integrations
 APPROVED

SOHIL
 11/17/2017 1:24:40 PM



#14
 1,2-Dichlorobenzene
 Concen: 45.377 ng
 RT: 7.06 min Scan# 845
 Delta R.T. -0.02 min
 Lab File: BF100628.D
 Acq: 16 Nov 2017 14:10

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.5	50.6	75.8
111	40.4	36.0	54.0





#15

Benzyl Alcohol

Concen: 44.076 ng

RT: 7.03 min Scan# 840

Delta R.T. -0.01 min

Lab File: BF100628.D

Acq: 16 Nov 2017 14:10

Instrument :

BNA_F

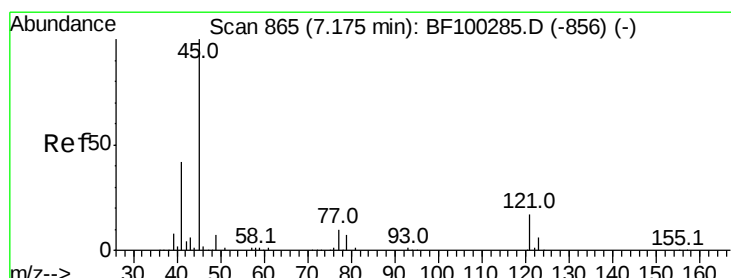
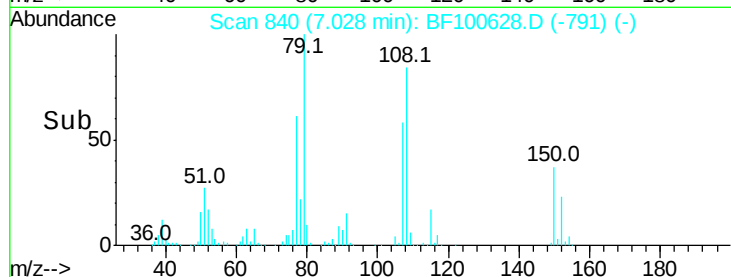
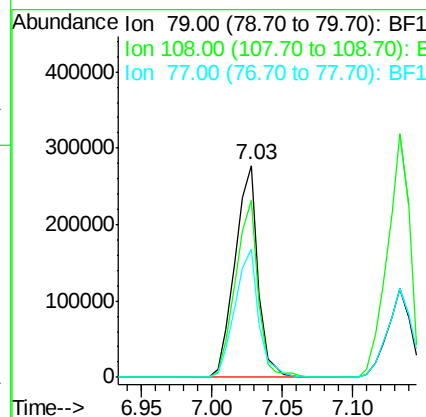
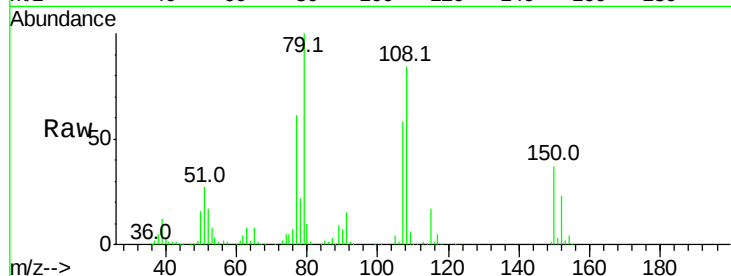
ClientSampleId :

HR-04-111317-AMSD

Tot Ion	Ratio	Lower	Upper
79	100		
108	83.5	65.1	97.7
77	60.7	50.6	75.8

Manual Integrations
APPROVED

SOHIL
11/17/2017 1:24:40 PM



#16

2,2'-oxybis(1-chloropropane)

Concen: 49.557 ng

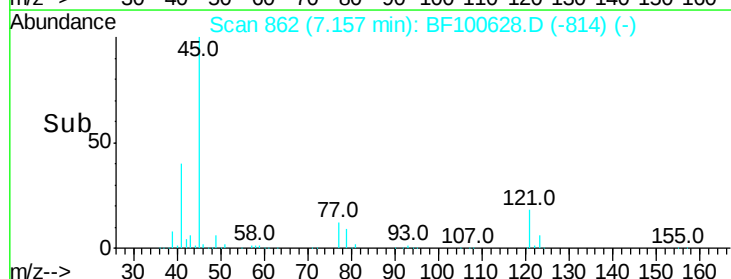
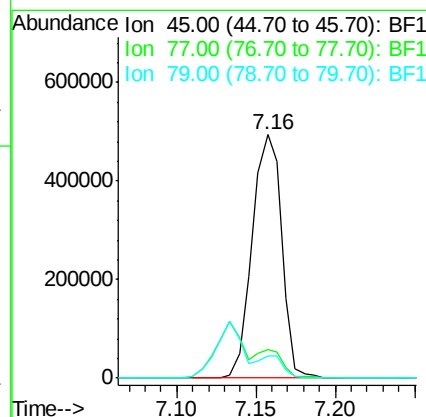
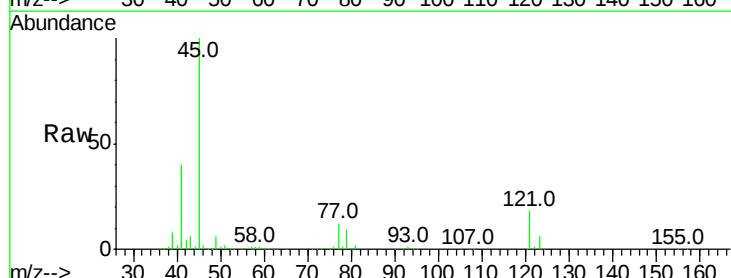
RT: 7.16 min Scan# 862

Delta R.T. -0.02 min

Lab File: BF100628.D

Acq: 16 Nov 2017 14:10

Tgt Ion	Ratio	Lower	Upper
45	100		
77	11.8	0.0	32.9
79	9.3	0.0	29.6





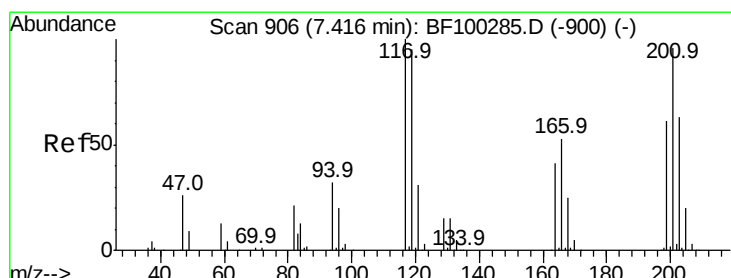
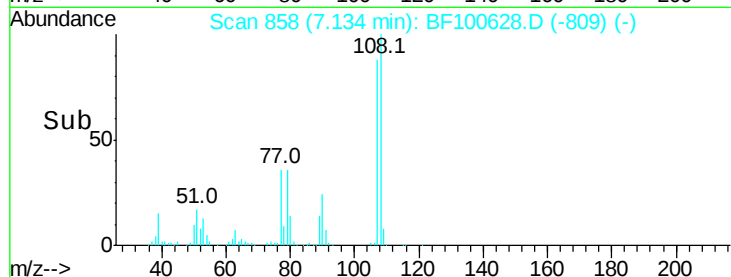
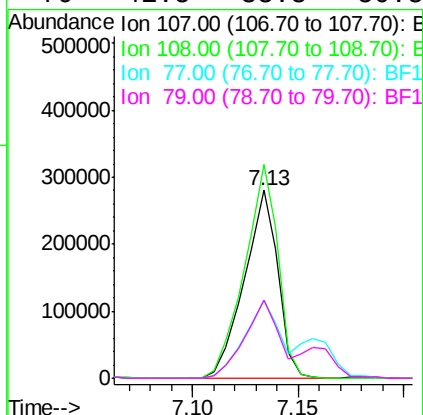
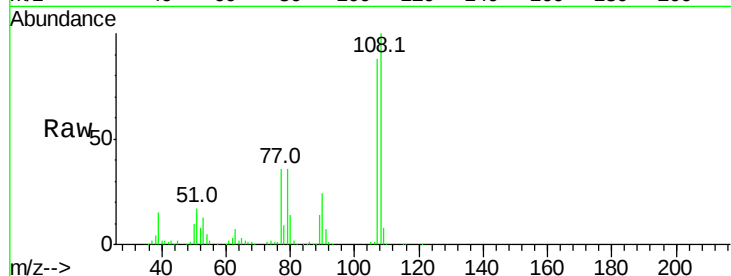
#17
2-Methylphenol
Concen: 46.229 ng
RT: 7.13 min Scan# 858
Delta R.T. -0.01 min
Lab File: BF100628.D
Acq: 16 Nov 2017 14:10

Instrument :
BNA_F
ClientSampleId :
HR-04-111317-AMSD

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	113.7	91.7	137.5	
77	41.3	33.8	50.8	
79	41.5	33.8	50.8	

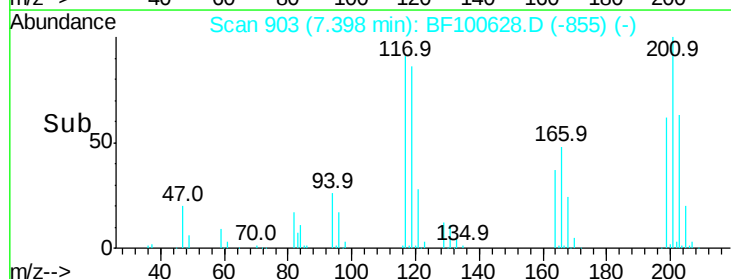
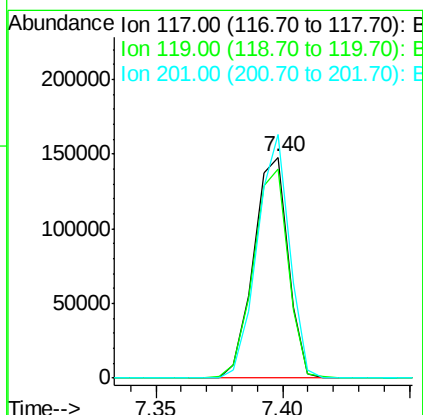
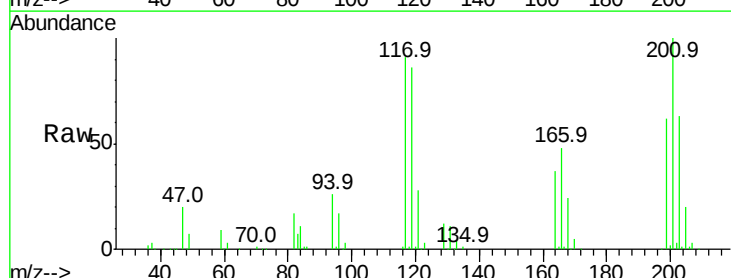
Manual Integrations
APPROVED

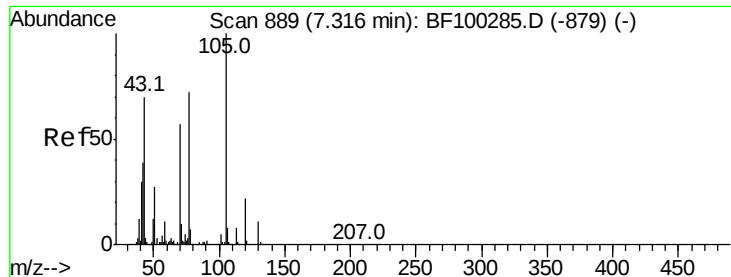
SOHIL
11/17/2017 1:24:40 PM



#18
Hexachloroethane
Concen: 46.706 ng
RT: 7.40 min Scan# 903
Delta R.T. -0.02 min
Lab File: BF100628.D
Acq: 16 Nov 2017 14:10

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	94.6	75.8	113.8	
201	110.1	75.7	113.5	





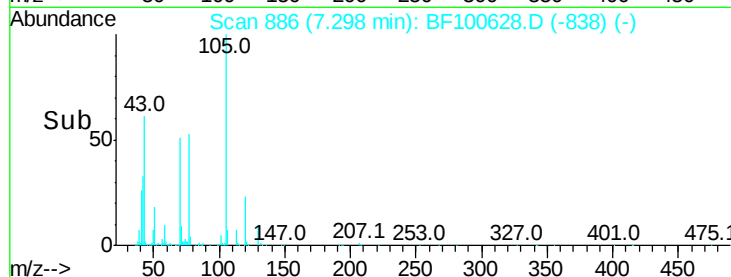
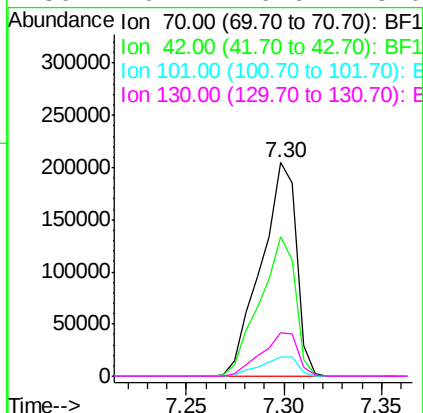
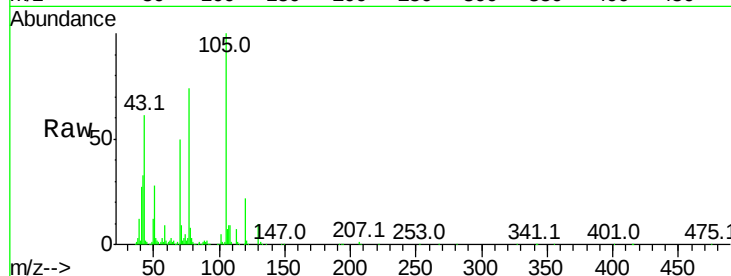
#19
n-Nitroso-di-n-propylamine
Concen: 40.535 ng
RT: 7.30 min Scan# 886
Delta R.T. -0.02 min
Lab File: BF100628.D
Acq: 16 Nov 2017 14:10

Instrument :
BNA_F
ClientSampleId :
HR-04-111317-AMSD

Tot Ion	70	Resp	257186
Ion Ratio	Lower	Upper	
70	100		
42	65.4	47.5	71.3
101	9.3	7.4	11.2
130	20.4	16.6	25.0

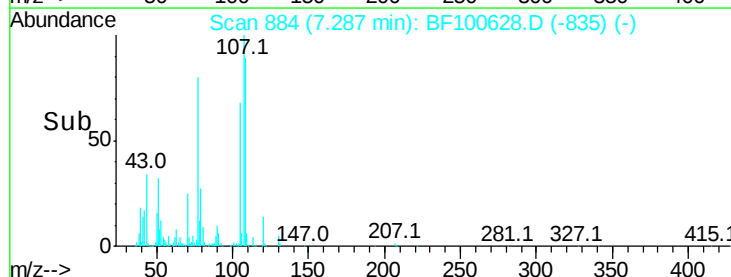
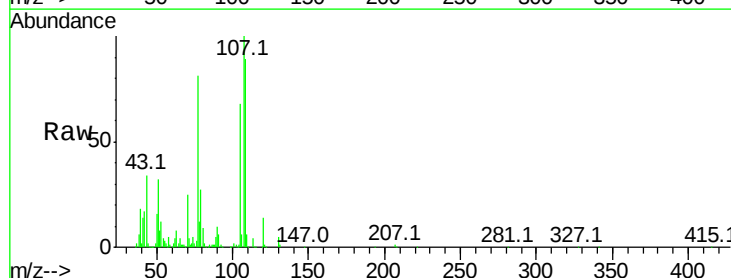
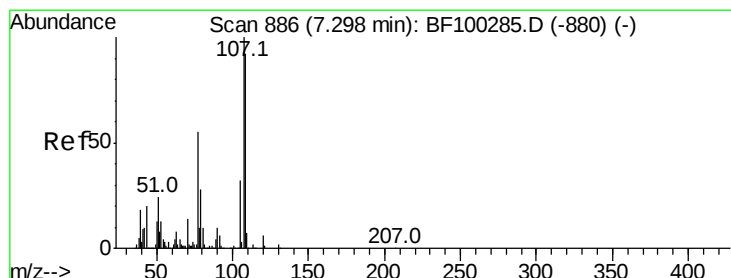
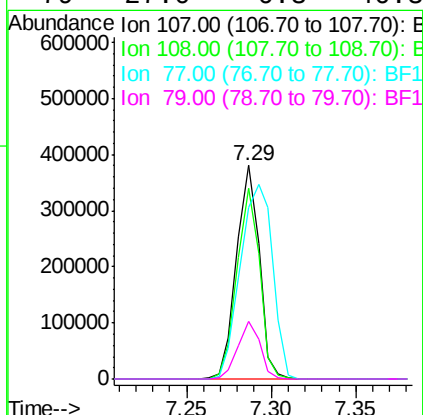
Manual Integrations
APPROVED

SOHIL
11/17/2017 1:24:40 PM



#20
3+4-Methylphenols
Concen: 42.035 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.01 min
Lab File: BF100628.D
Acq: 16 Nov 2017 14:10

Tgt Ion	107	Resp	356775
Ion Ratio	Lower	Upper	
107	100		
108	89.3	68.2	108.2
77	80.5	26.7	66.7#
79	27.0	6.3	46.3





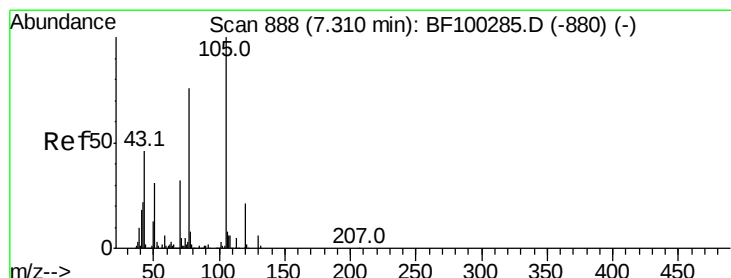
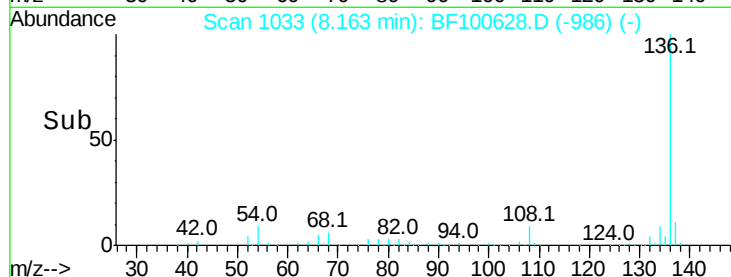
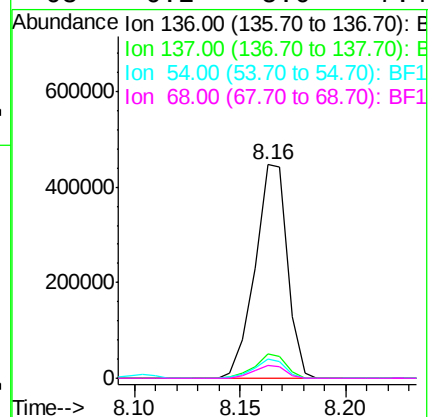
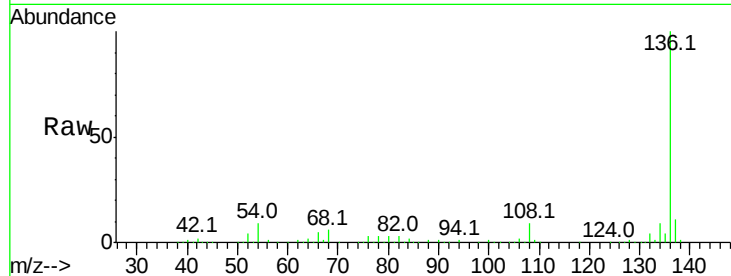
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.16 min Scan# 1033
Delta R.T. -0.02 min
Lab File: BF100628.D
Acq: 16 Nov 2017 14:10

Instrument :
BNA_F
ClientSampleId :
HR-04-111317-AMSD

Tot Ion	136	Resp	477487
Ion Ratio	Lower	Upper	
136	100		
137	11.4	8.9	13.3
54	8.8	6.6	9.8
68	6.2	5.0	7.4

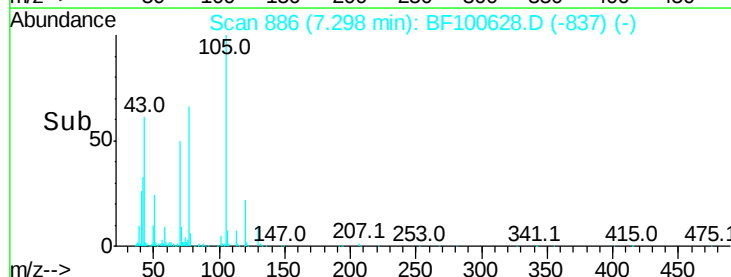
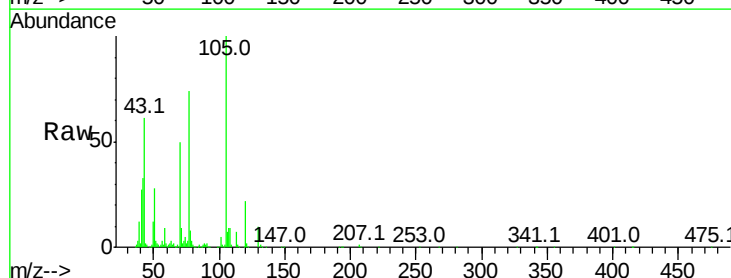
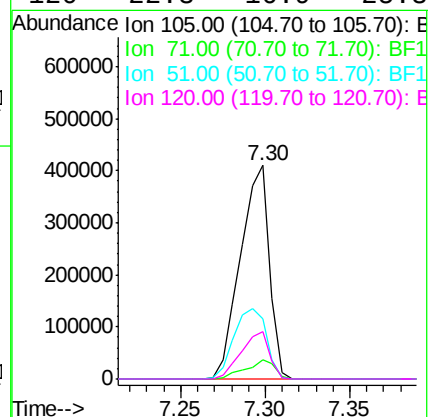
Manual Integrations
APPROVED

SOHIL
11/17/2017 1:24:40 PM



#22
Acetophenone
Concen: 42.186 ng
RT: 7.30 min Scan# 886
Delta R.T. -0.01 min
Lab File: BF100628.D
Acq: 16 Nov 2017 14:10

Tgt Ion	105	Resp	491183
Ion Ratio	Lower	Upper	
105	100		
71	9.0	4.4	6.6#
51	28.4	22.3	33.5
120	22.3	16.9	25.3





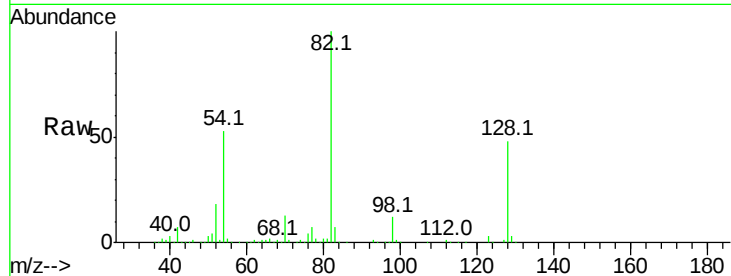
#23
 Nitrobenzene-d5
 Concen: 94.554 ng
 RT: 7.45 min Scan# 912
 Delta R.T. -0.02 min
 Lab File: BF100628.D
 Acq: 16 Nov 2017 14:10

Instrument :
 BNA_F
 ClientSampleId :
 HR-04-111317-AMSD

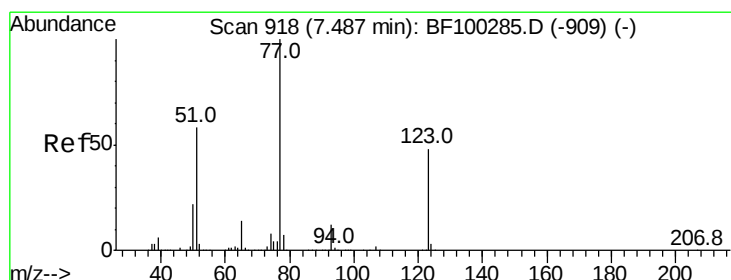
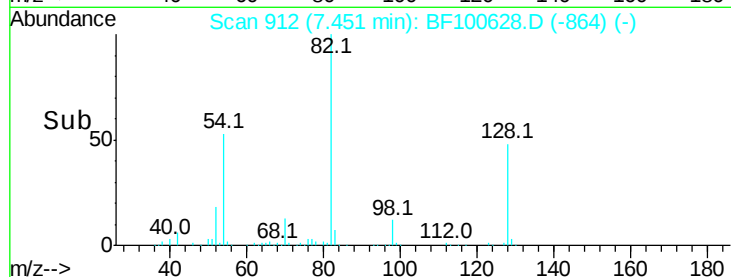
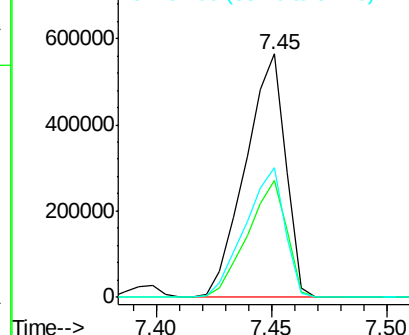
Tot Ion	Ratio	Resp	Lower	Upper
82	100	682894		
128	47.9		36.1	54.1
54	53.3		41.4	62.2

Manual Integrations
 APPROVED

SOHIL
 11/17/2017 1:24:40 PM

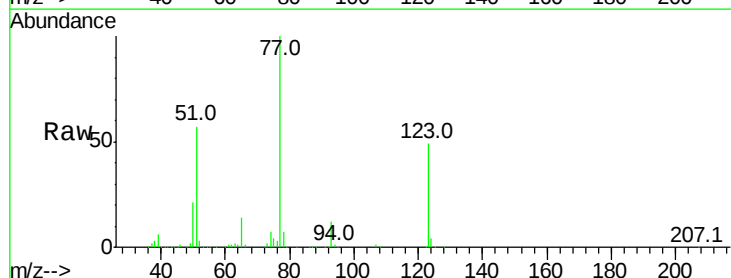


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF1

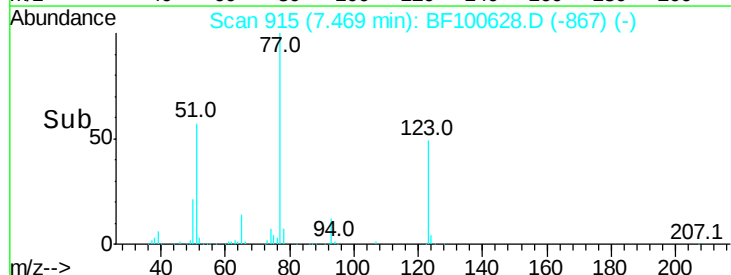
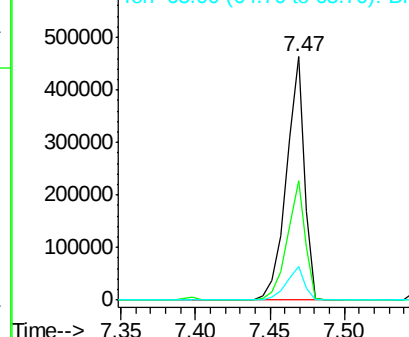


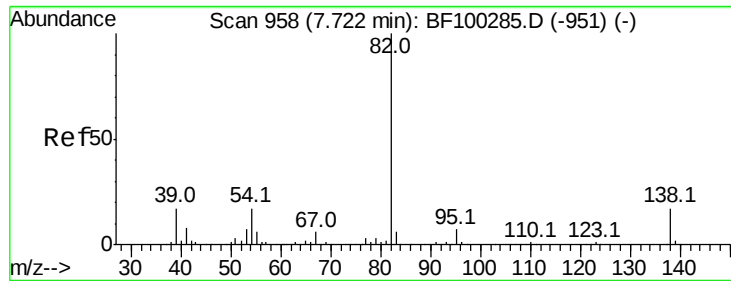
#24
 Nitrobenzene
 Concen: 52.996 ng
 RT: 7.47 min Scan# 915
 Delta R.T. -0.02 min
 Lab File: BF100628.D
 Acq: 16 Nov 2017 14:10

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	393945		
123	48.8		37.9	56.9
65	13.8		11.0	16.4



Abundance Ion 77.00 (76.70 to 77.70): BF1
 Ion 123.00 (122.70 to 123.70): B
 Ion 65.00 (64.70 to 65.70): BF1





#25

Isophorone

Concen: 47.414 ng

RT: 7.70 min Scan# 955

Delta R.T. -0.02 min

Lab File: BF100628.D

Acq: 16 Nov 2017 14:10

Instrument :

BNA_F

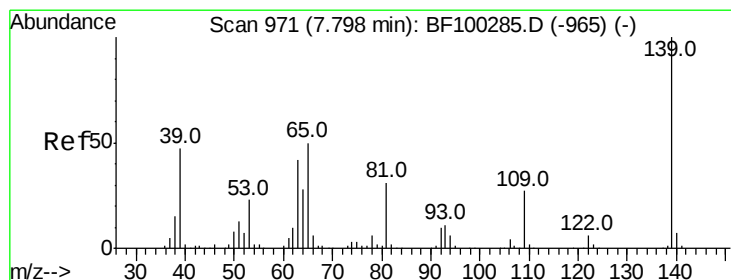
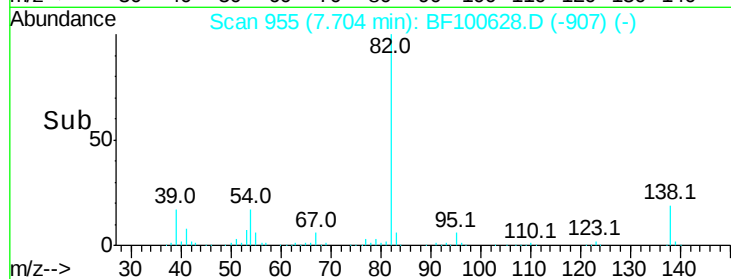
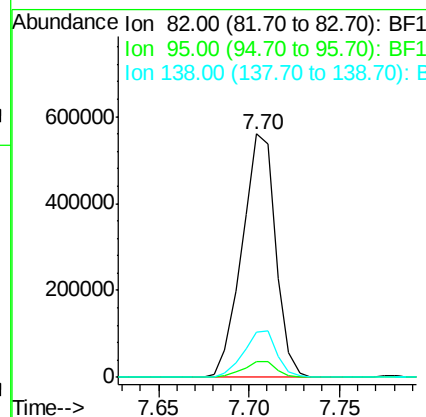
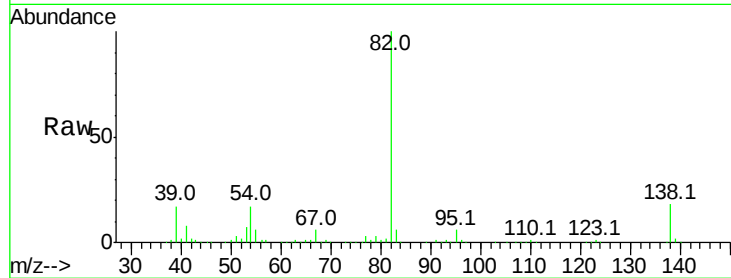
ClientSampleId :

HR-04-111317-AMSD

Tot Ion:	82	Resp:	719594
Ion Ratio	Lower	Upper	
82	100		
95	6.4	5.2	7.8
138	18.4	14.9	22.3

Manual Integrations
APPROVED

SOHIL
11/17/2017 1:24:40 PM



#26

2-Nitrophenol

Concen: 58.290 ng

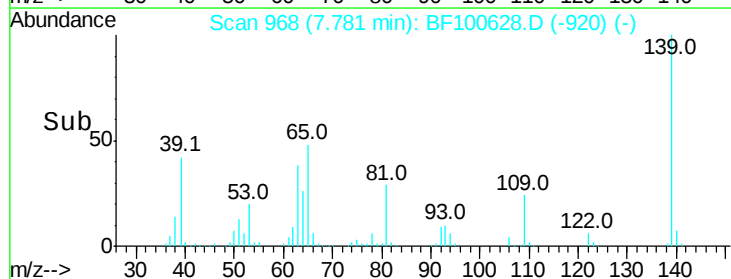
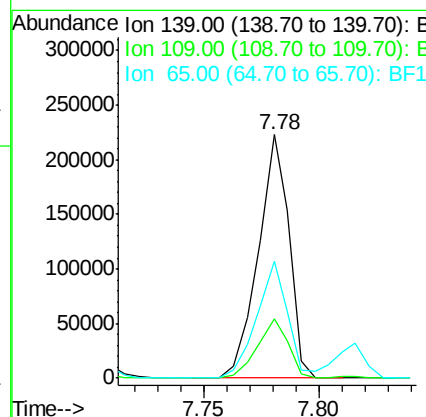
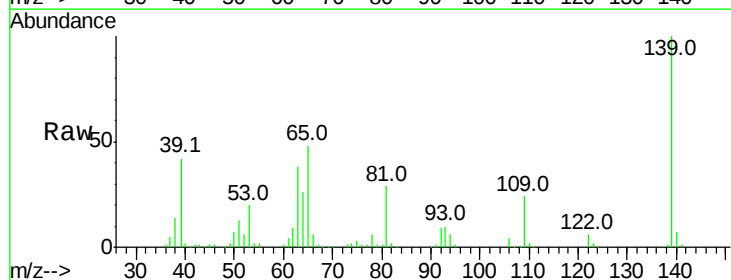
RT: 7.78 min Scan# 968

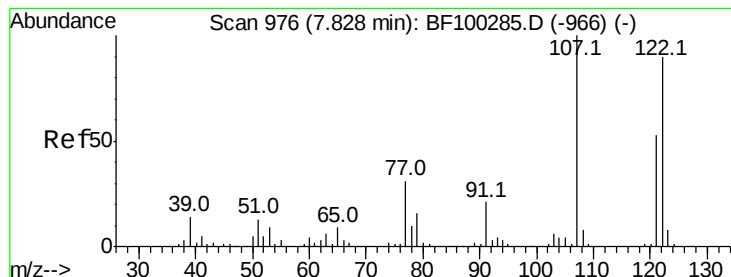
Delta R.T. -0.02 min

Lab File: BF100628.D

Acq: 16 Nov 2017 14:10

Tgt Ion:	139	Resp:	207683
Ion Ratio	Lower	Upper	
139	100		
109	24.2	22.7	34.1
65	48.2	40.5	60.7





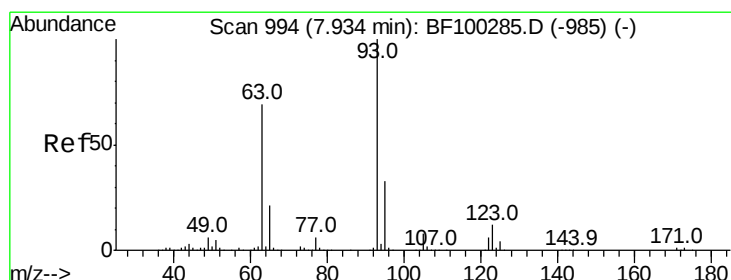
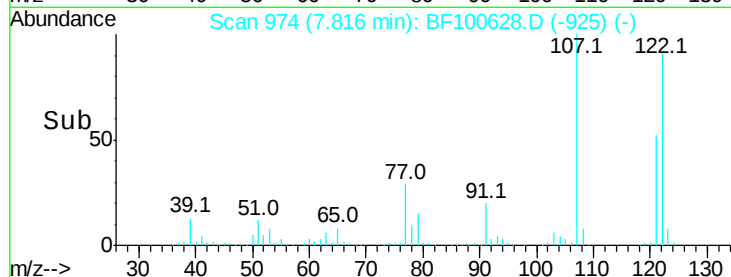
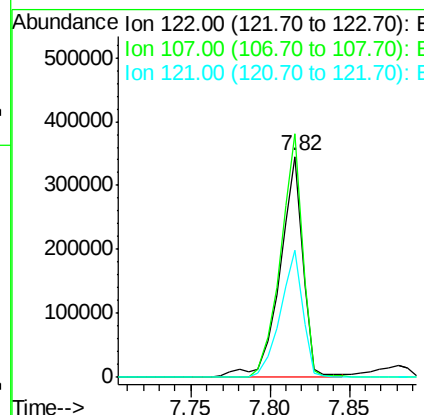
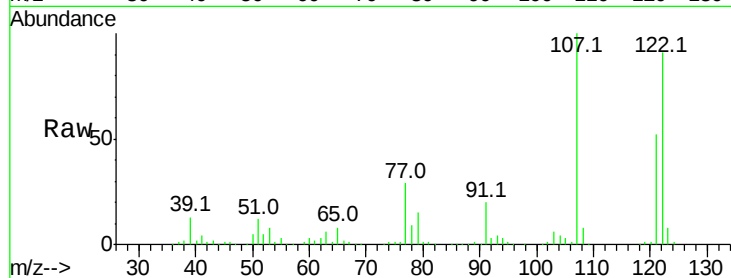
#27
2,4-Dimethylphenol
Concen: 51.455 ng
RT: 7.82 min Scan# 974
Delta R.T. -0.01 min
Lab File: BF100628.D
Acq: 16 Nov 2017 14:10

Instrument :
BNA_F
ClientSampleId :
HR-04-111317-AMSD

Tot Ion	Ratio	Lower	Upper
122	100		
107	110.2	91.2	136.8
121	57.8	47.2	70.8

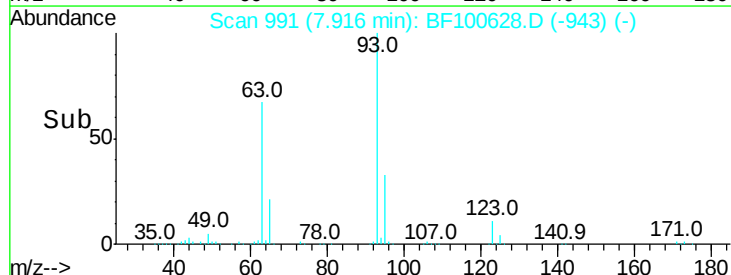
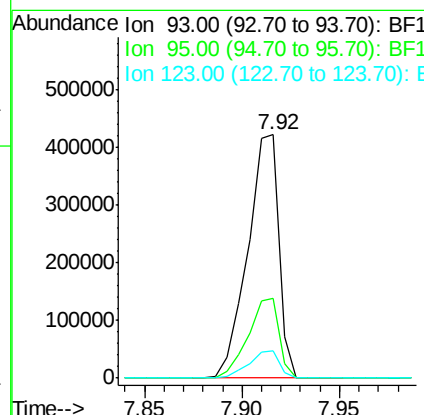
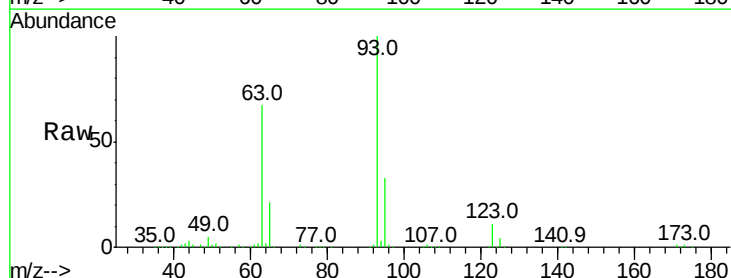
Manual Integrations
APPROVED

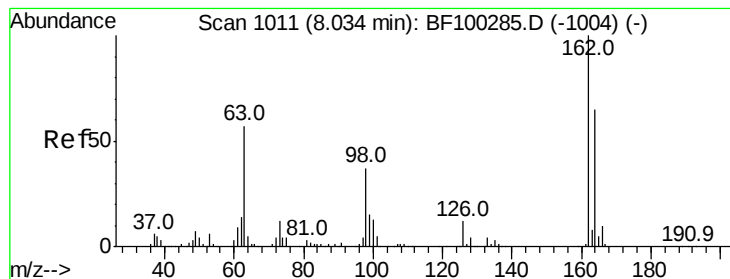
SOHIL
11/17/2017 1:24:40 PM



#28
bis(2-Chloroethoxy)methane
Concen: 47.061 ng
RT: 7.92 min Scan# 991
Delta R.T. -0.02 min
Lab File: BF100628.D
Acq: 16 Nov 2017 14:10

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.6	26.3	39.5
123	11.3	9.8	14.6





#29

2,4-Dichlorophenol

Concen: 50.439 ng

RT: 8.02 min Scan# 1009

Delta R.T. -0.01 min

Lab File: BF100628.D

Acq: 16 Nov 2017 14:10

Instrument :

BNA_F

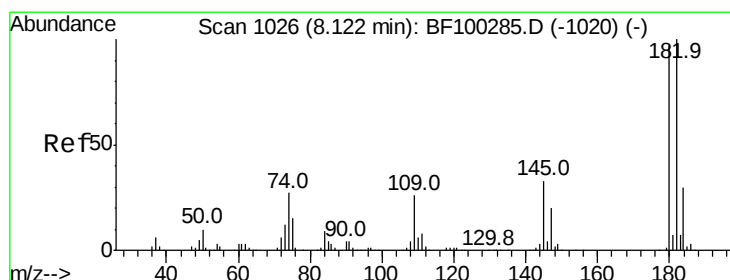
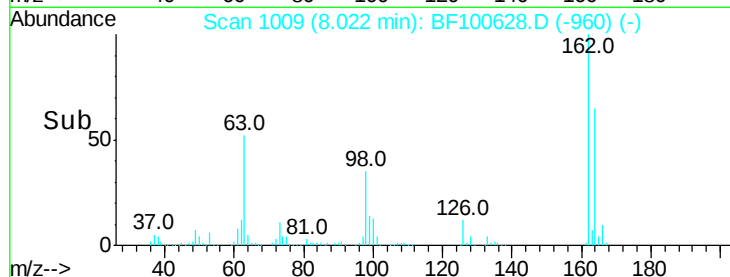
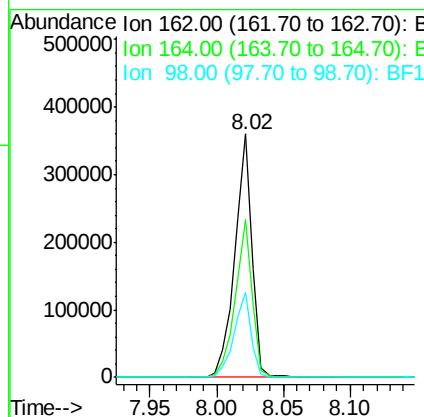
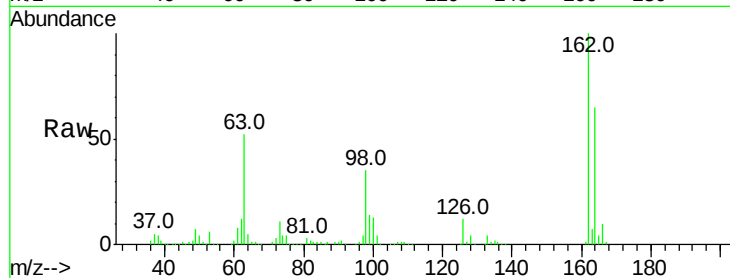
ClientSampleId :

HR-04-111317-AMSD

Tot Ion:	162	Resp:	327602
Ion Ratio	Lower	Upper	
162	100		
164	65.0	42.7	82.7
98	35.0	18.1	58.1

Manual Integrations
APPROVED

SOHIL
11/17/2017 1:24:40 PM



#30

1,2,4-Trichlorobenzene

Concen: 48.560 ng

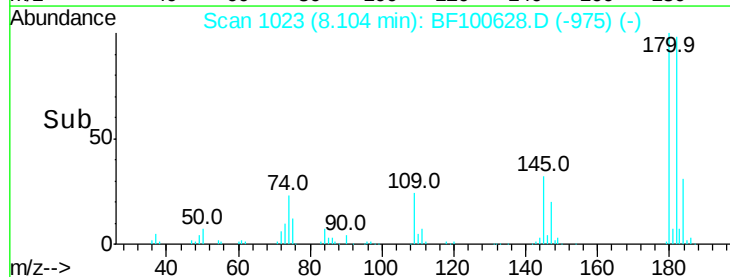
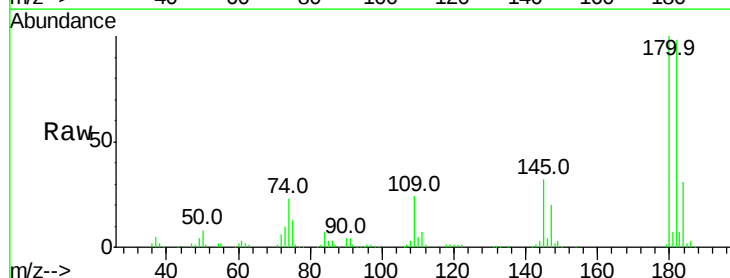
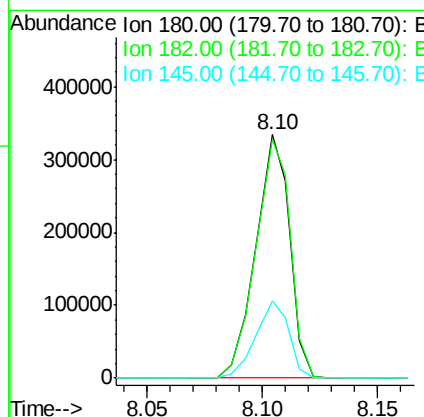
RT: 8.10 min Scan# 1023

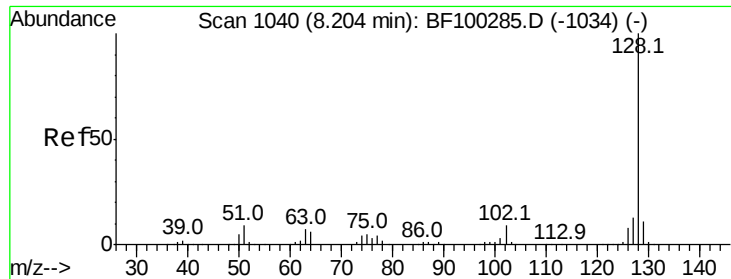
Delta R.T. -0.02 min

Lab File: BF100628.D

Acq: 16 Nov 2017 14:10

Tgt Ion:	180	Resp:	341163
Ion Ratio	Lower	Upper	
180	100		
182	98.1	76.8	115.2
145	31.8	26.5	39.7





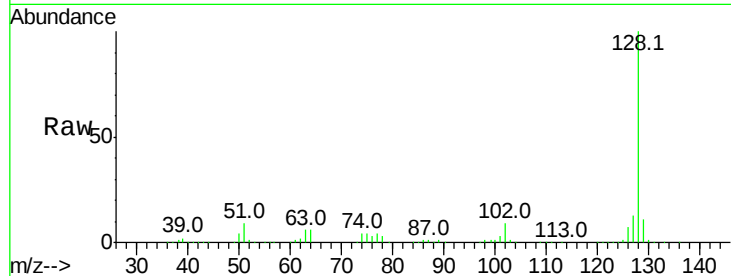
#31
Naphthalene
Concen: 47.869 ng
RT: 8.19 min Scan# 1037
Delta R.T. -0.02 min
Lab File: BF100628.D
Acq: 16 Nov 2017 14:10

Instrument :
BNA_F
ClientSampleId :
HR-04-111317-AMSD

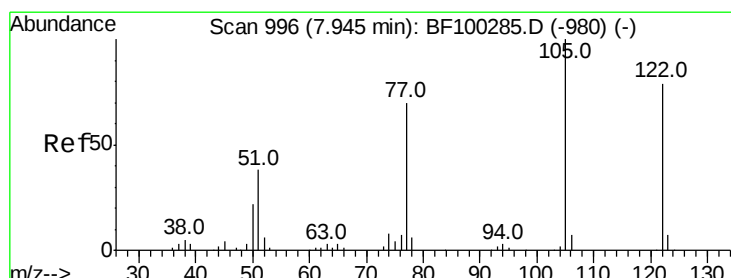
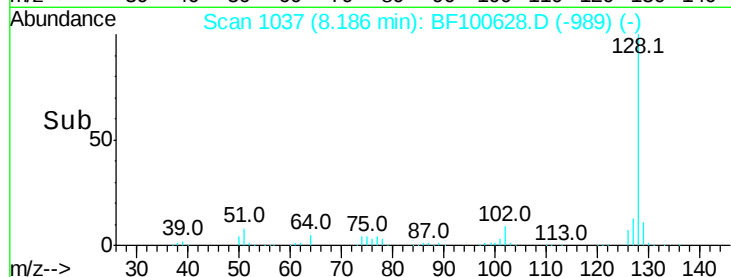
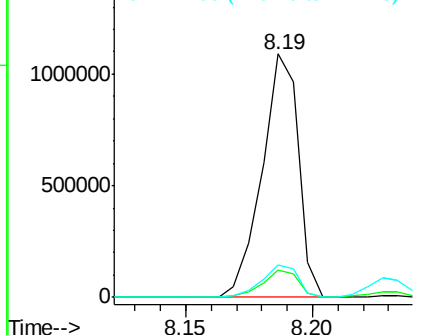
Tot Ion:128 Resp: 1100903
Ion Ratio Lower Upper
128 100
129 11.1 8.8 13.2
127 13.4 10.9 16.3

Manual Integrations
APPROVED

SOHIL
11/17/2017 1:24:40 PM

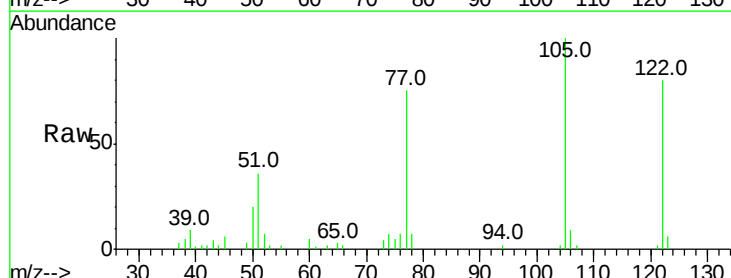


Abundance Ion 128.00 (127.70 to 128.70): E
1500000 Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

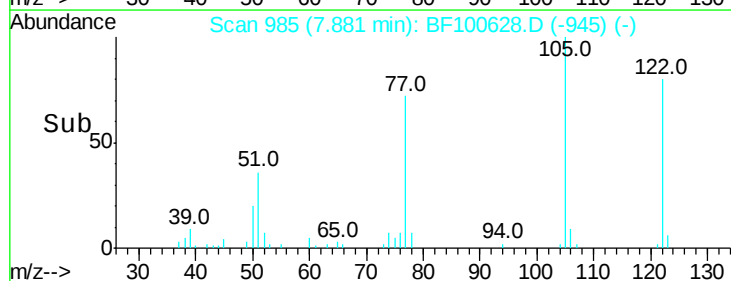
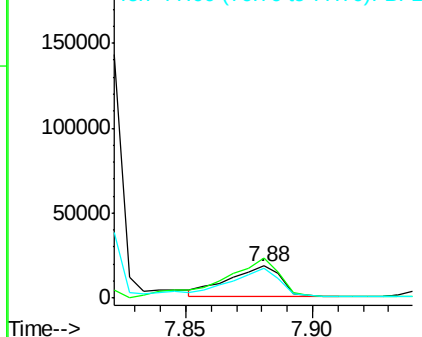


#32
Benzoic acid
Concen: 13.400 ng
RT: 7.88 min Scan# 985
Delta R.T. -0.06 min
Lab File: BF100628.D
Acq: 16 Nov 2017 14:10

Tgt Ion:122 Resp: 26082
Ion Ratio Lower Upper
122 100
105 125.5 101.1 141.1
77 93.5 70.7 110.7



Abundance Ion 122.00 (121.70 to 122.70): E
200000 Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF1





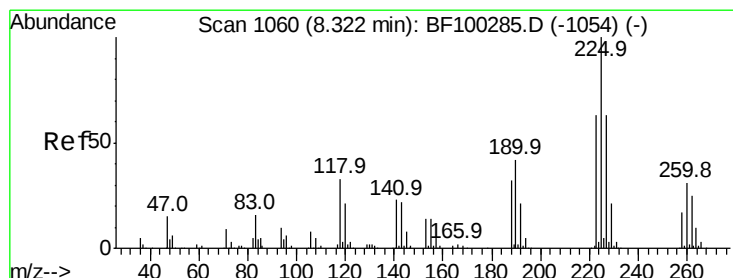
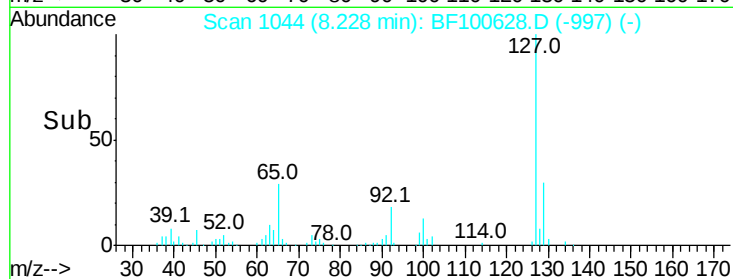
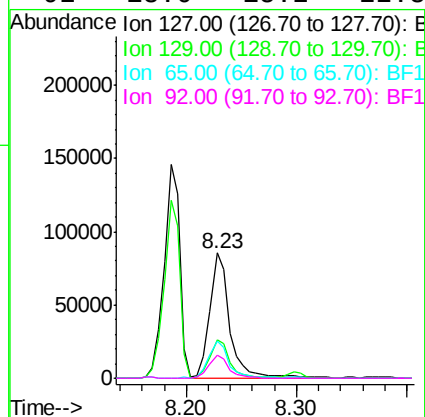
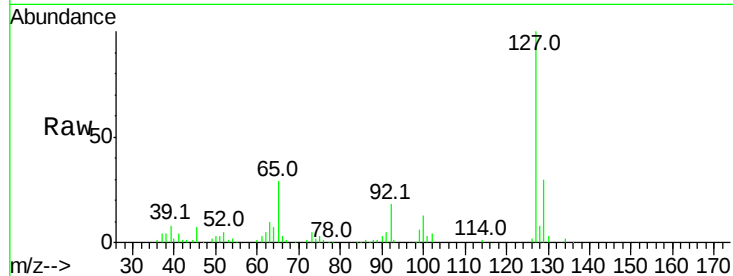
#33
4-Chloroaniline
Concen: 10.868 ng
RT: 8.23 min Scan# 1044
Delta R.T. -0.02 min
Lab File: BF100628.D
Acq: 16 Nov 2017 14:10

Instrument :
BNA_F
ClientSampleId :
HR-04-111317-AMSD

Tot Ion	Ratio	Resp	Lower	Upper
127	100			
129	30.3	25.9	38.9	
65	29.4	25.0	37.4	
92	18.0	15.2	22.8	

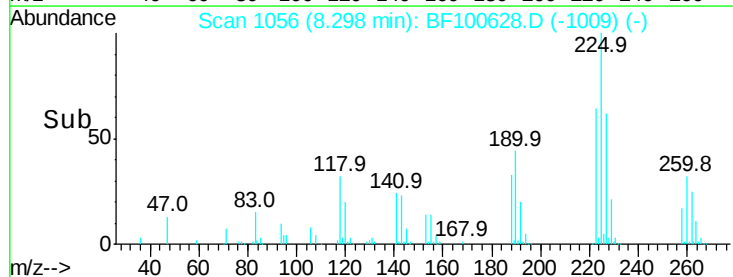
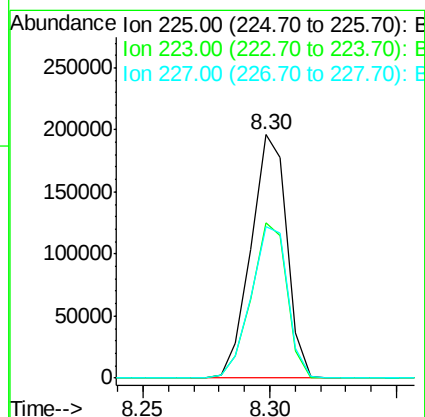
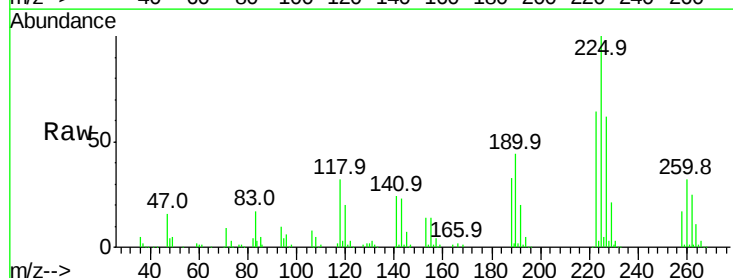
Manual Integrations
APPROVED

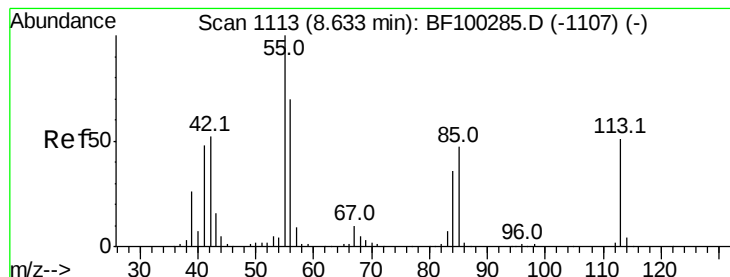
SOHIL
11/17/2017 1:24:40 PM



#34
Hexachlorobutadiene
Concen: 46.121 ng
RT: 8.30 min Scan# 1056
Delta R.T. -0.02 min
Lab File: BF100628.D
Acq: 16 Nov 2017 14:10

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	64.0	50.6	76.0	
227	62.2	51.9	77.9	





#35

Caprolactam

Concen: 32.998 ng/mL

RT: 8.61 min Scan# 1109

Delta R.T. -0.02 min

Lab File: BF100628.D

Acq: 16 Nov 2017 14:10

Instrument :

BNA_F

ClientSampleId :

HR-04-111317-AMSD

Tot Ion:113 Resp: 73551

Ion Ratio Lower Upper

113 100

55 193.4 163.3 203.3

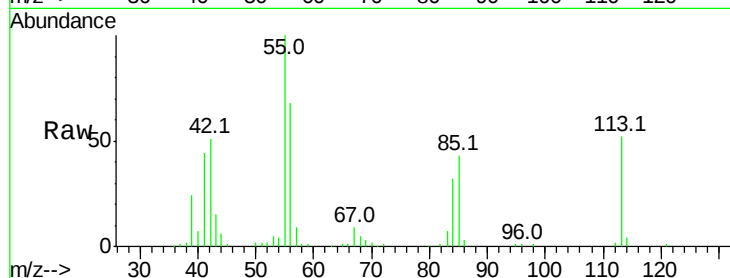
56 132.3 115.7 155.7

Manual Integrations

APPROVED

SOHIL

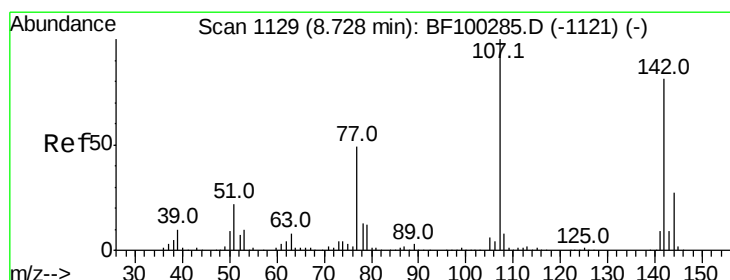
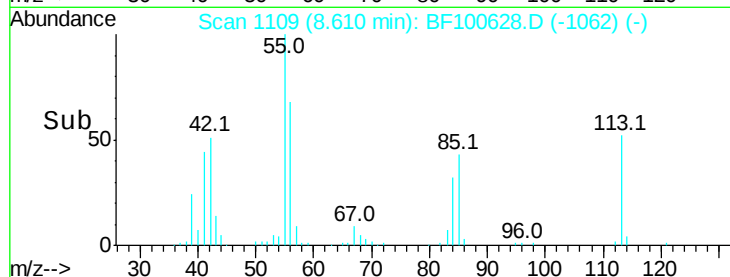
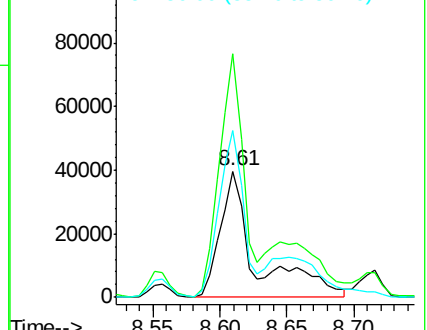
11/17/2017 1:24:40 PM



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



#36

4-Chloro-3-methylphenol

Concen: 48.074 ng/mL

RT: 8.72 min Scan# 1127

Delta R.T. -0.01 min

Lab File: BF100628.D

Acq: 16 Nov 2017 14:10

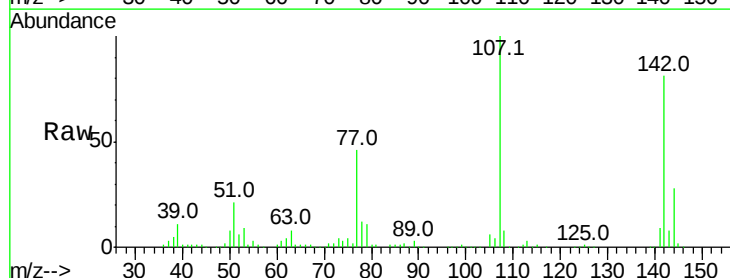
Tgt Ion:107 Resp: 335344

Ion Ratio Lower Upper

107 100

144 27.9 20.5 30.7

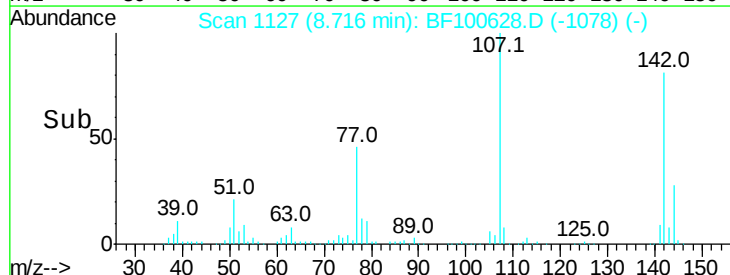
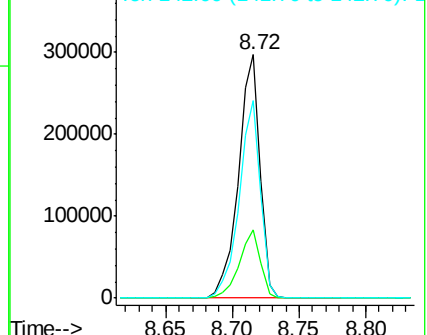
142 81.1 62.0 93.0

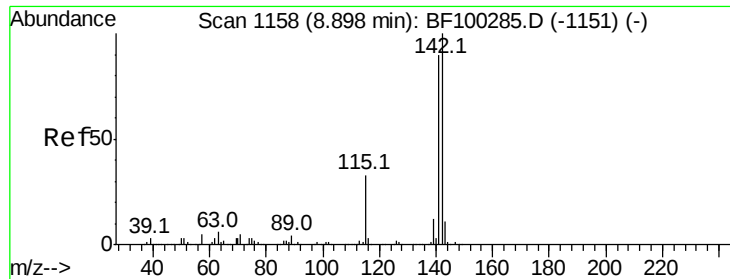


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





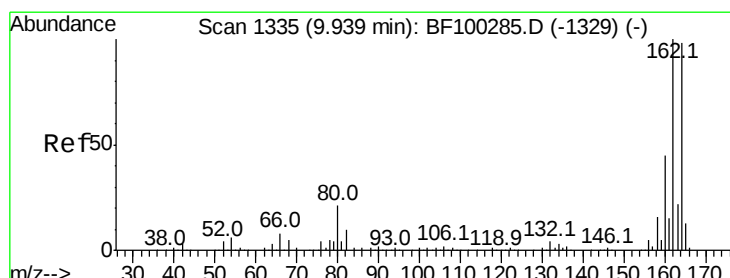
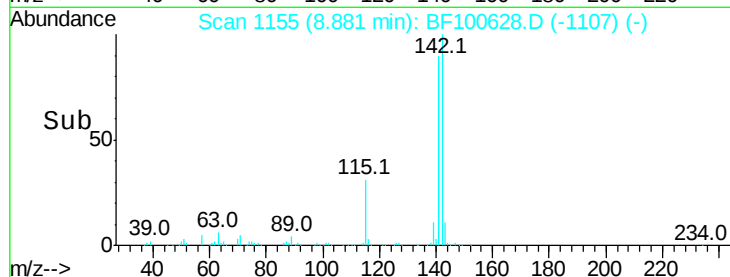
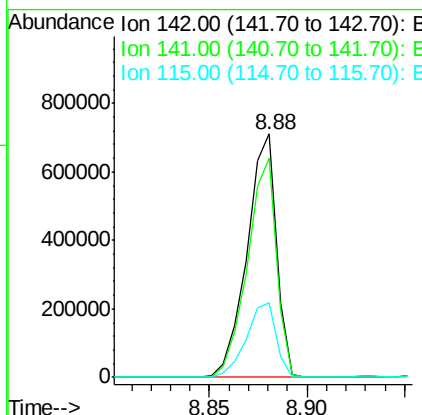
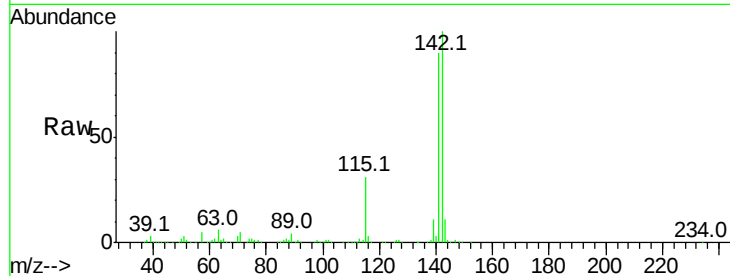
#37
2-Methylnaphthalene
Concen: 48.584 ng
RT: 8.88 min Scan# 1155
Delta R.T. -0.02 min
Lab File: BF100628.D
Acq: 16 Nov 2017 14:10

Instrument :
BNA_F
ClientSampleId :
HR-04-111317-AMSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.8	70.8	106.2
115	30.9	26.1	39.1

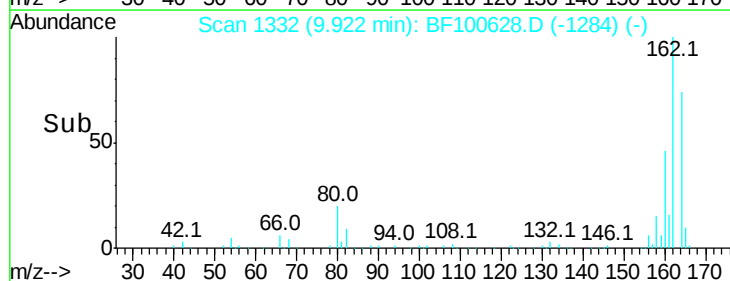
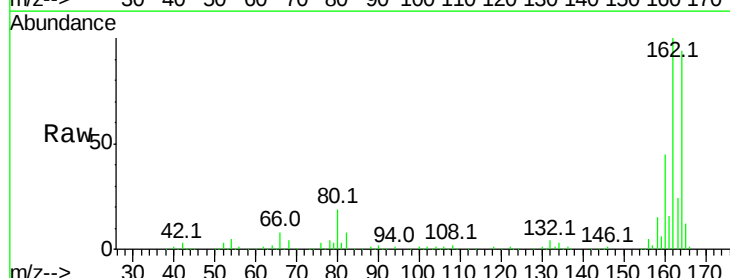
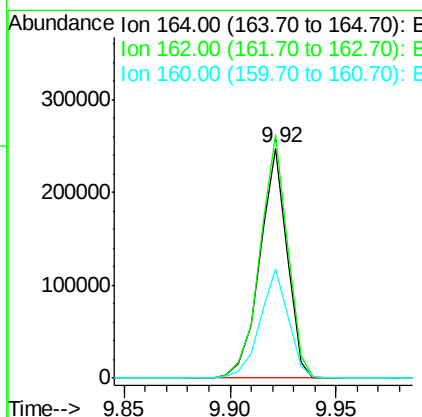
Manual Integrations
APPROVED

SOHIL
11/17/2017 1:24:40 PM



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.92 min Scan# 1332
Delta R.T. -0.02 min
Lab File: BF100628.D
Acq: 16 Nov 2017 14:10

Tgt Ion	Ratio	Lower	Upper
164	100		
162	105.8	86.1	129.1
160	47.7	38.3	57.5





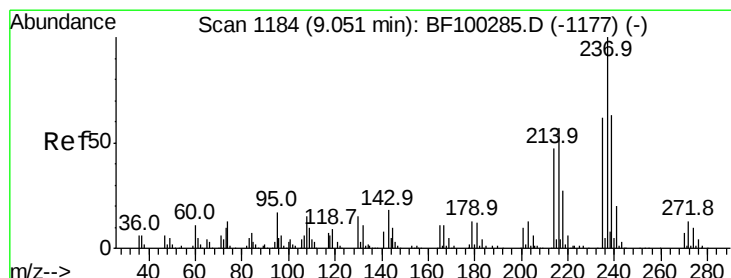
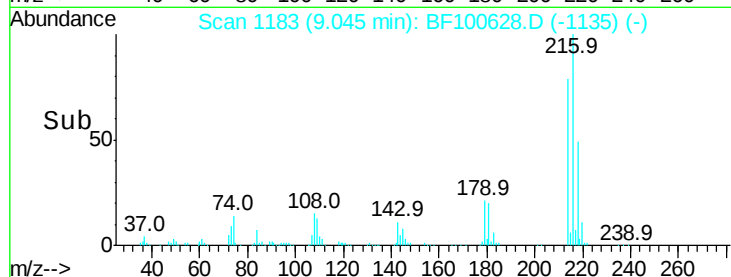
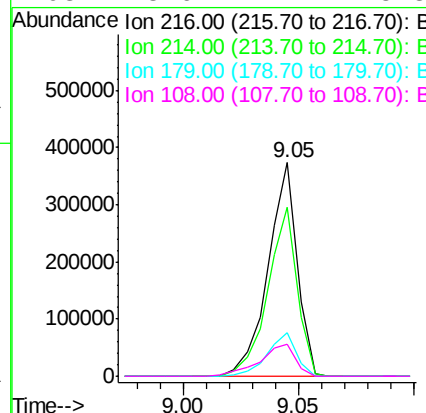
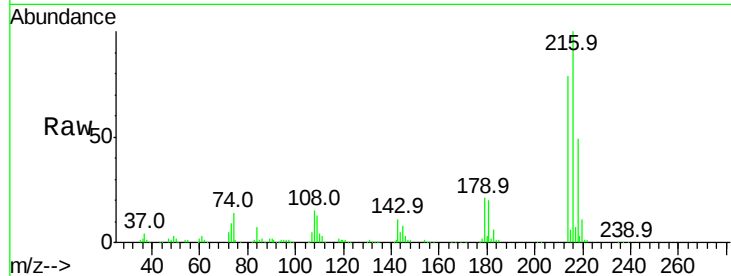
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 44.606 ng
 RT: 9.05 min Scan# 1183
 Delta R.T. -0.02 min
 Lab File: BF100628.D
 Acq: 16 Nov 2017 14:10

Instrument :
 BNA_F
 ClientSampleId :
 HR-04-111317-AMSD

Tot Ion	Ratio	Resp	Lower	Upper
216	100			
214	79.7	63.0	94.4	
179	20.2	18.1	27.1	
108	18.6	17.2	25.8	

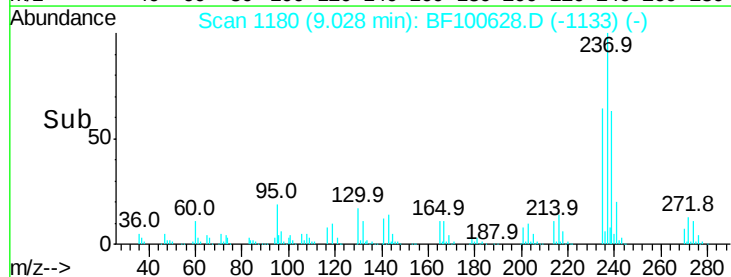
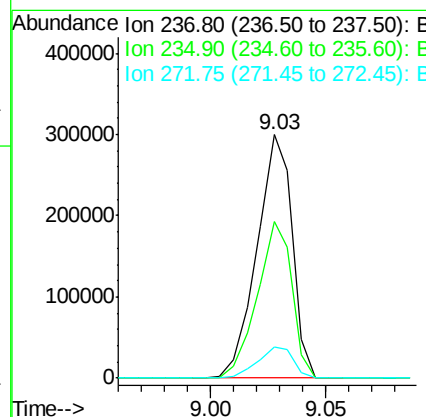
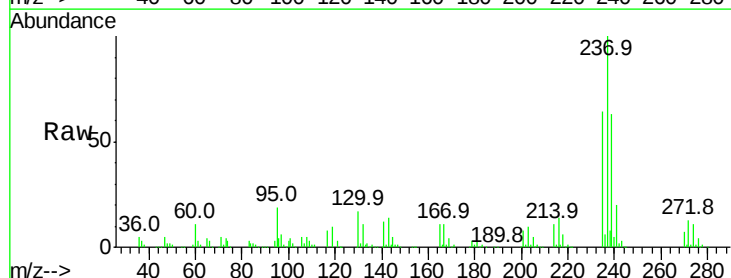
Manual Integrations
 APPROVED

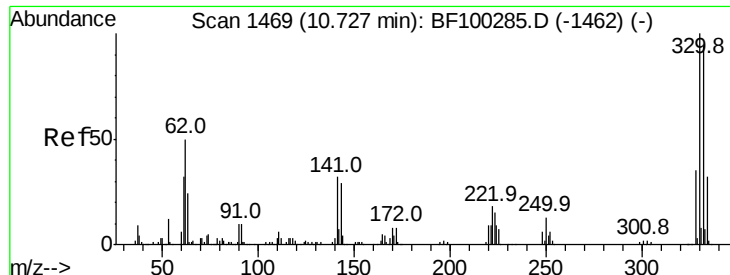
SOHIL
 11/17/2017 1:24:40 PM



#40
 Hexachlorocyclopentadiene
 Concen: 91.549 ng
 RT: 9.03 min Scan# 1180
 Delta R.T. -0.02 min
 Lab File: BF100628.D
 Acq: 16 Nov 2017 14:10

Tgt Ion	Ratio	Resp	Lower	Upper
237	100			
235	64.5	44.8	84.8	
272	12.6	0.0	33.3	





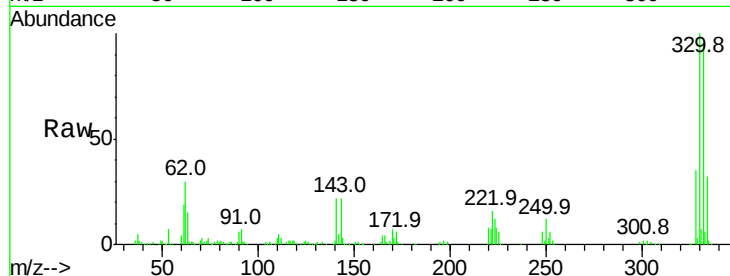
#41
 2,4,6-Tribromophenol
 Concen: 129.573 ng
 RT: 10.72 min Scan# 1467
 Delta R.T. -0.01 min
 Lab File: BF100628.D
 Acq: 16 Nov 2017 14:10

Instrument :
 BNA_F
 ClientSampleId :
 HR-04-111317-AMSD

Tot Ion	Ratio	Resp	Lower	Upper
330	100	294164		
332	94.7	77.0	115.6	
141	28.6	29.9	44.9	

Manual Integrations
 APPROVED

SOHIL
 11/17/2017 1:24:40 PM

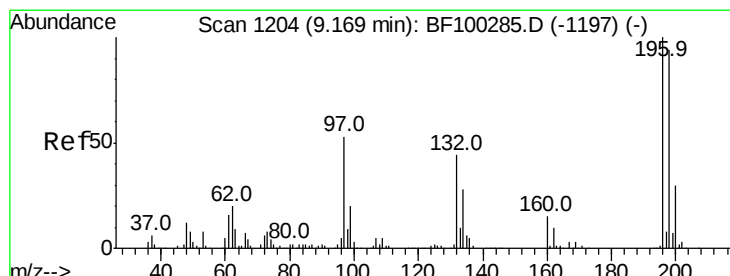
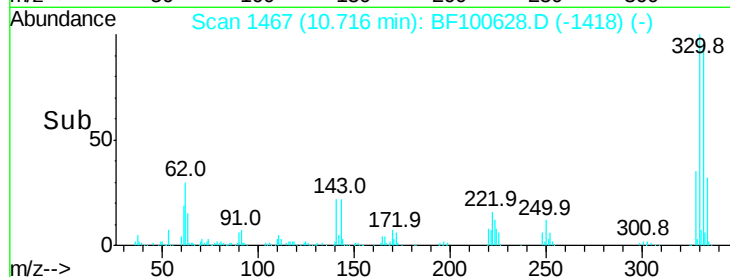
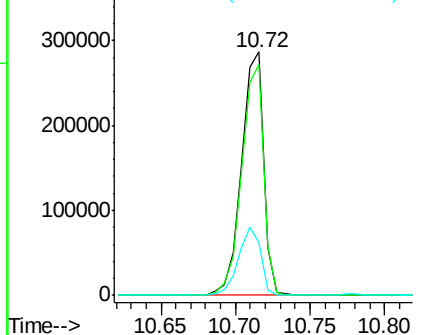


Abundance

Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#42
 2,4,6-Trichlorophenol
 Concen: 51.253 ng
 RT: 9.16 min Scan# 1202
 Delta R.T. -0.01 min
 Lab File: BF100628.D
 Acq: 16 Nov 2017 14:10

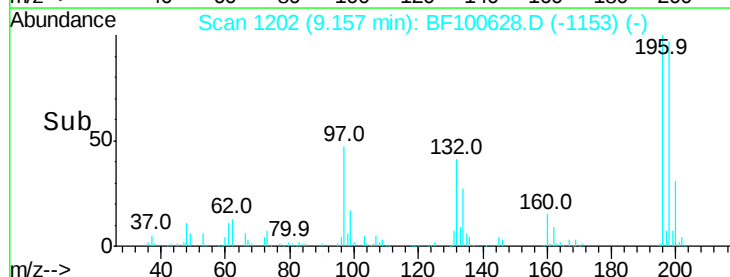
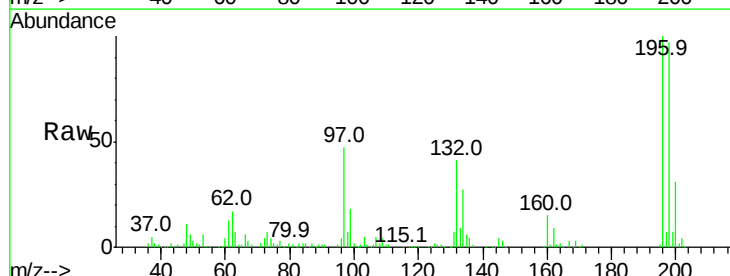
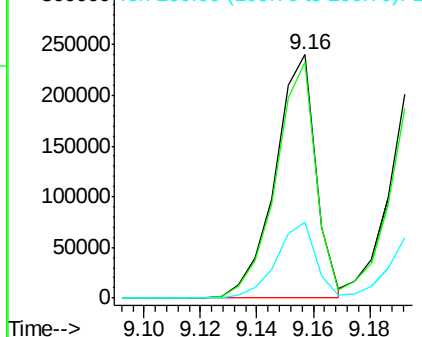
Tgt Ion	Ratio	Resp	Lower	Upper
196	100	240017		
198	96.7	75.7	113.5	
200	31.0	24.5	36.7	

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





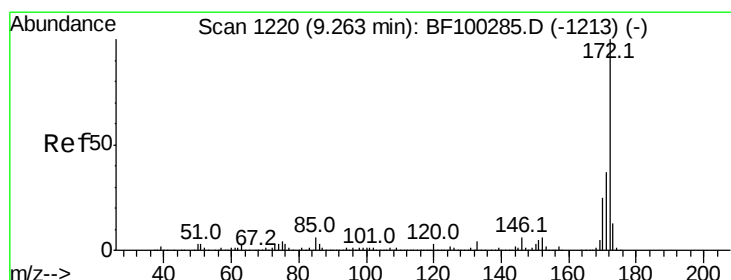
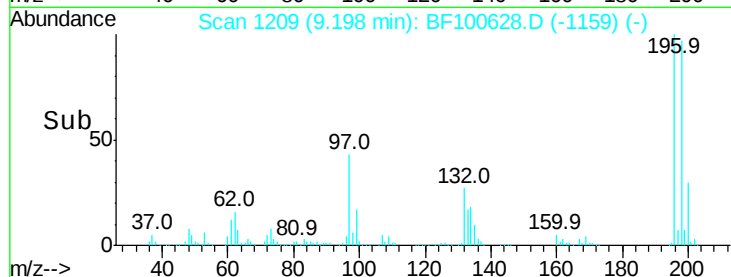
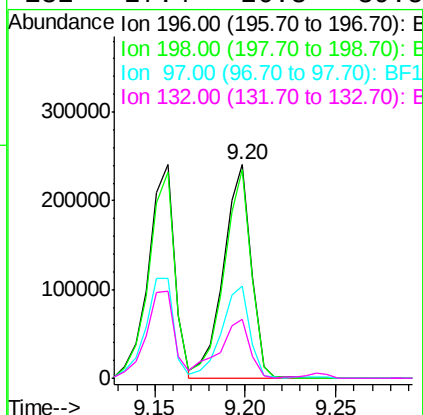
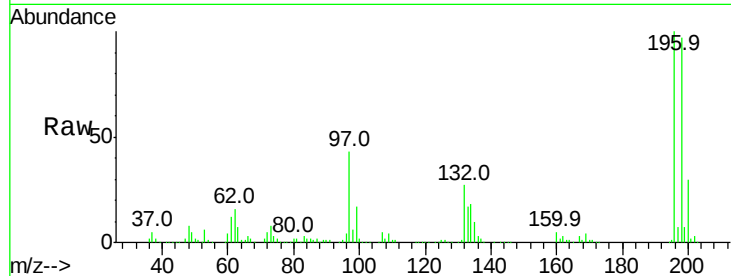
#43
2,4,5-Trichlorophenol
Concen: 52.865 ng
RT: 9.20 min Scan# 1209
Delta R.T. -0.01 min
Lab File: BF100628.D
Acq: 16 Nov 2017 14:10

Instrument :
BNA_F
ClientSampleId :
HR-04-111317-AMSD

Tot Ion	196	Resp	256497
Ion Ratio	Lower	Upper	
196	100		
198	97.5	74.6	112.0
97	43.0	42.9	64.3
132	27.4	26.3	39.5

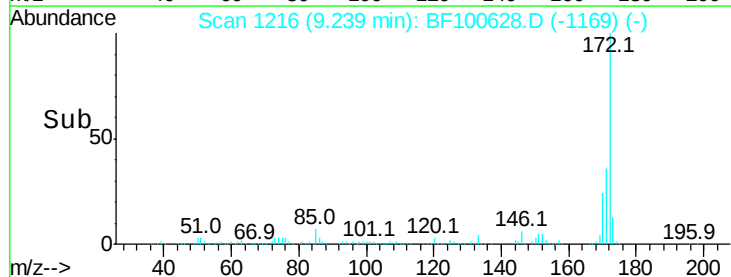
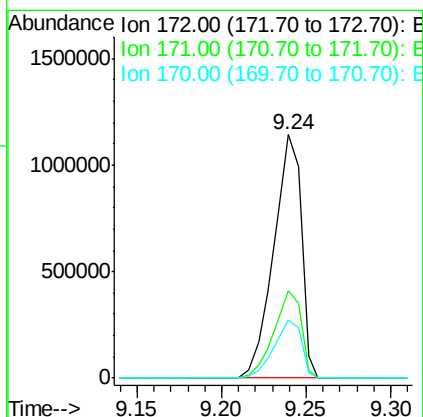
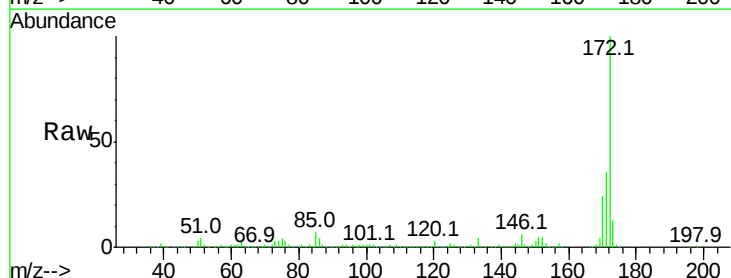
Manual Integrations
APPROVED

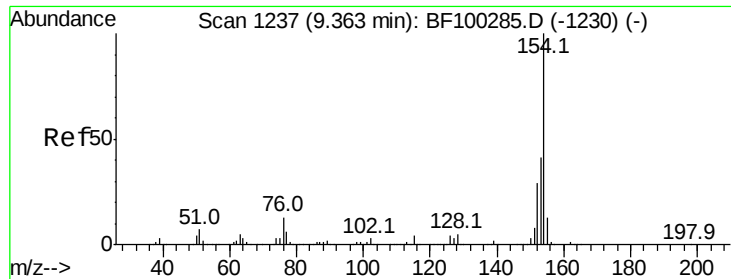
SOHIL
11/17/2017 1:24:40 PM



#44
2-Fluorobiphenyl
Concen: 87.360 ng
RT: 9.24 min Scan# 1216
Delta R.T. -0.02 min
Lab File: BF100628.D
Acq: 16 Nov 2017 14:10

Tgt Ion	172	Resp	1278182
Ion Ratio	Lower	Upper	
172	100		
171	35.9	29.7	44.5
170	23.8	19.6	29.4





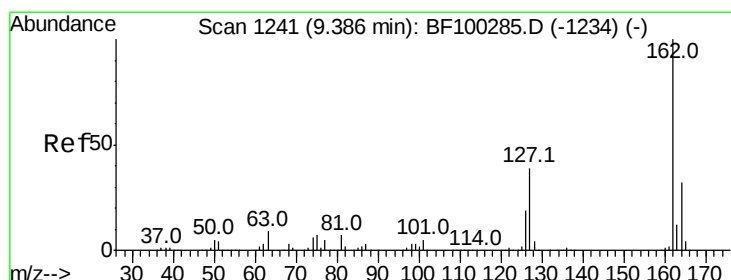
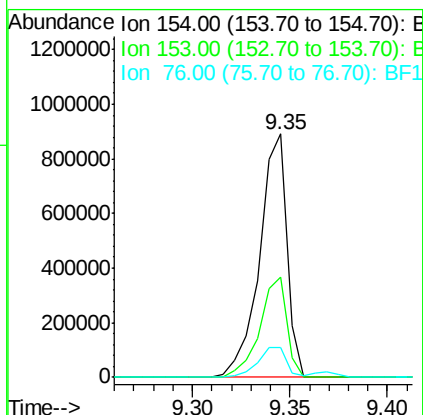
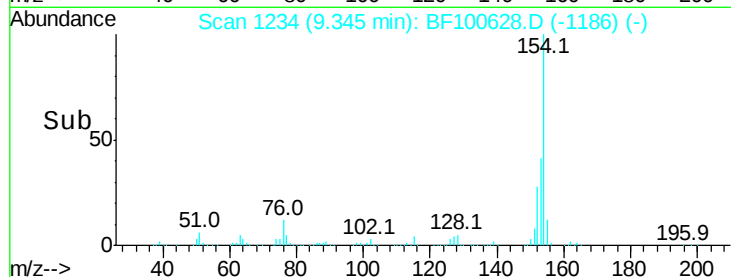
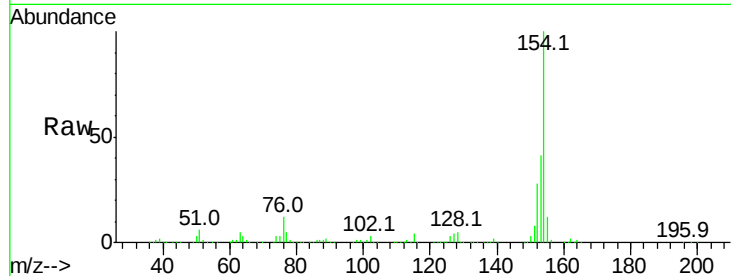
#45
1,1'-Biphenyl
Concen: 45.067 ng
RT: 9.35 min Scan# 1234
Delta R.T. -0.02 min
Lab File: BF100628.D
Acq: 16 Nov 2017 14:10

Instrument :
BNA_F
ClientSampleId :
HR-04-111317-AMSD

Tot Ion	Ratio	Lower	Upper
154	100		
153	41.2	21.3	61.3
76	12.1	0.0	34.0

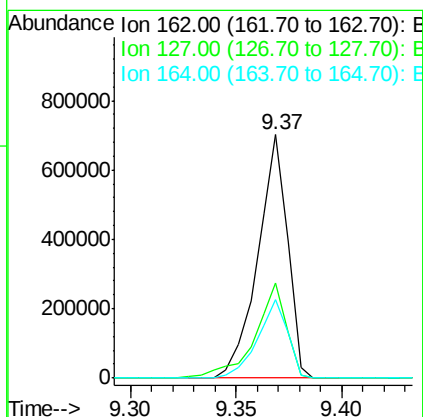
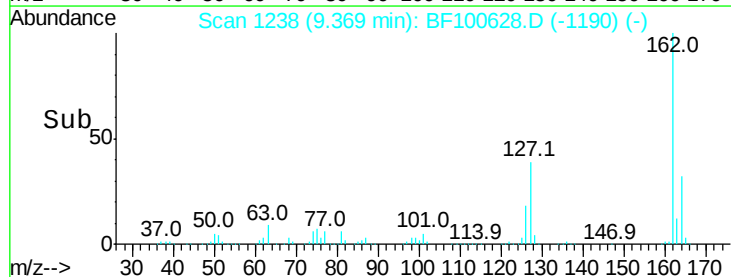
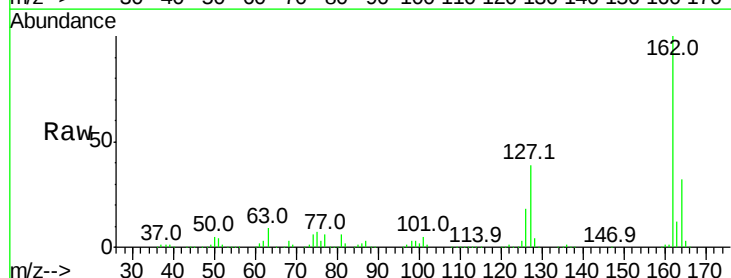
Manual Integrations
APPROVED

SOHIL
11/17/2017 1:24:40 PM



#46
2-Chloronaphthalene
Concen: 49.029 ng
RT: 9.37 min Scan# 1238
Delta R.T. -0.02 min
Lab File: BF100628.D
Acq: 16 Nov 2017 14:10

Tgt Ion	Ratio	Lower	Upper
162	100		
127	39.1	33.9	50.9
164	32.4	26.5	39.7





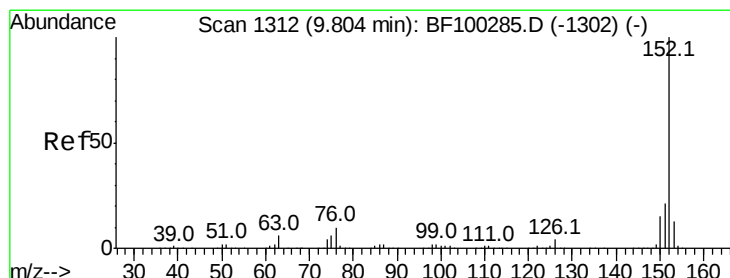
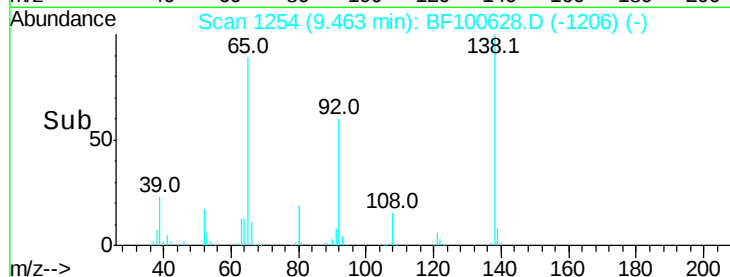
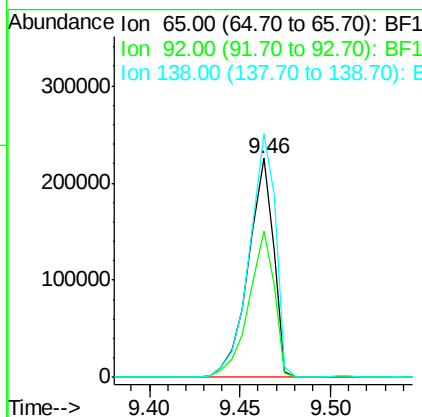
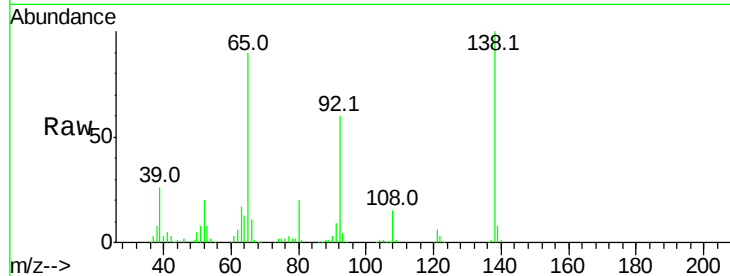
#47
2-Nitroaniline
Concen: 52.986 ng
RT: 9.46 min Scan# 1254
Delta R.T. -0.02 min
Lab File: BF100628.D
Acq: 16 Nov 2017 14:10

Instrument :
BNA_F
ClientSampleId :
HR-04-111317-AMSD

Tot Ion	Ratio	Lower	Upper
65	100		
92	67.0	55.8	83.6
138	111.2	91.2	136.8

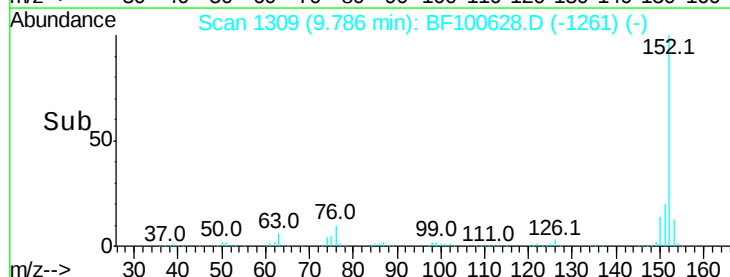
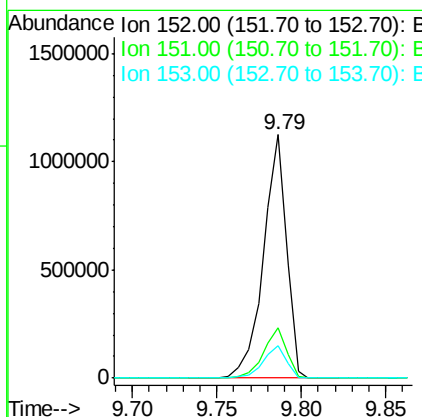
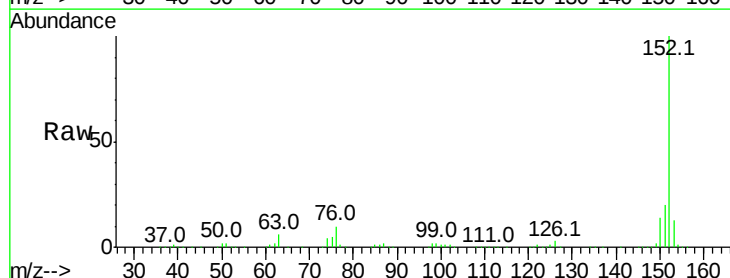
Manual Integrations
APPROVED

SOHIL
11/17/2017 1:24:40 PM



#48
Acenaphthylene
Concen: 45.681 ng
RT: 9.79 min Scan# 1309
Delta R.T. -0.02 min
Lab File: BF100628.D
Acq: 16 Nov 2017 14:10

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.5	16.3	24.5
153	13.4	10.7	16.1





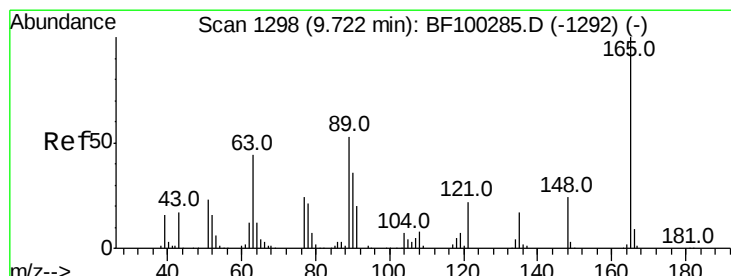
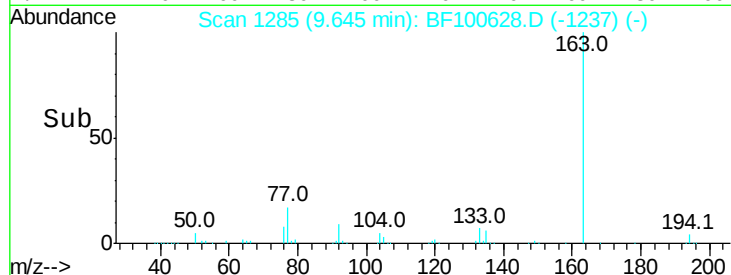
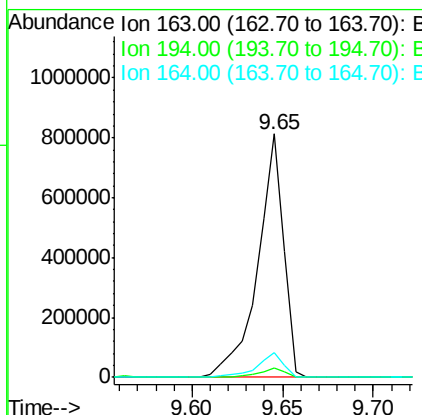
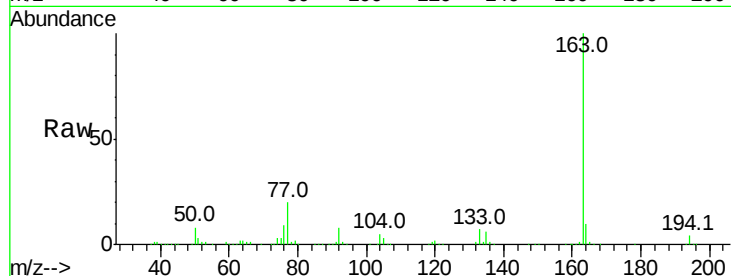
#49
 Dimethylphthalate
 Concen: 47.516 ng
 RT: 9.65 min Scan# 1285
 Delta R.T. -0.02 min
 Lab File: BF100628.D
 Acq: 16 Nov 2017 14:10

Instrument :
 BNA_F
 ClientSampleId :
 HR-04-111317-AMSD

Tot Ion	Ratio	Resp	Lower	Upper
163	100	808265		
194	3.8		2.7	4.1
164	10.3		8.2	12.2

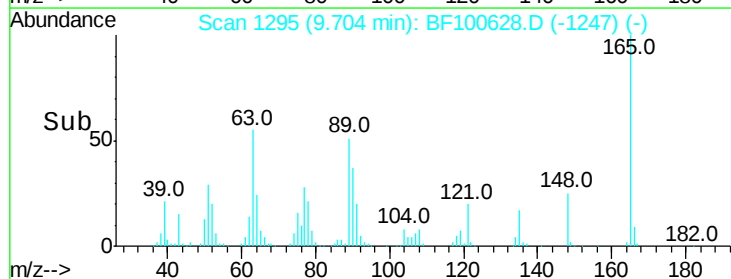
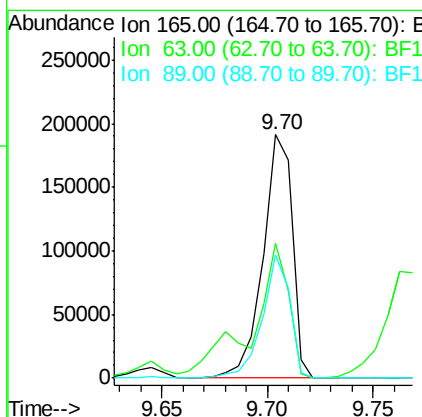
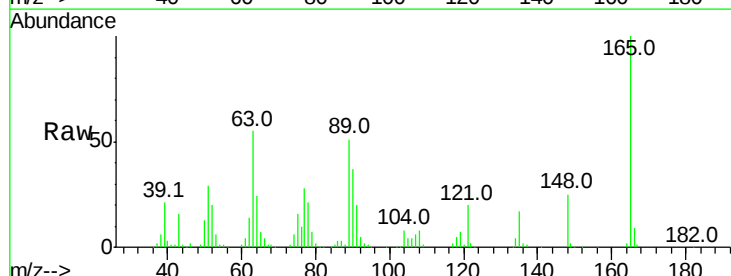
Manual Integrations
 APPROVED

SOHIL
 11/17/2017 1:24:40 PM



#50
 2,6-Dinitrotoluene
 Concen: 54.922 ng
 RT: 9.70 min Scan# 1295
 Delta R.T. -0.02 min
 Lab File: BF100628.D
 Acq: 16 Nov 2017 14:10

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	184928		
63	55.3		44.7	67.1
89	50.7		44.0	66.0





#51

Acenaphthene

Concen: 44.709 ng

RT: 9.96 min Scan# 1338

Delta R.T. -0.02 min

Lab File: BF100628.D

Acq: 16 Nov 2017 14:10

Instrument :

BNA_F

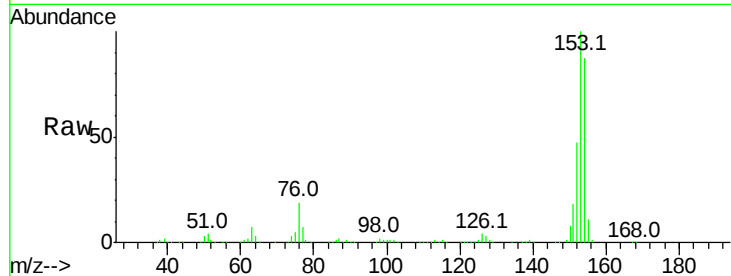
ClientSampleId :

HR-04-111317-AMSD

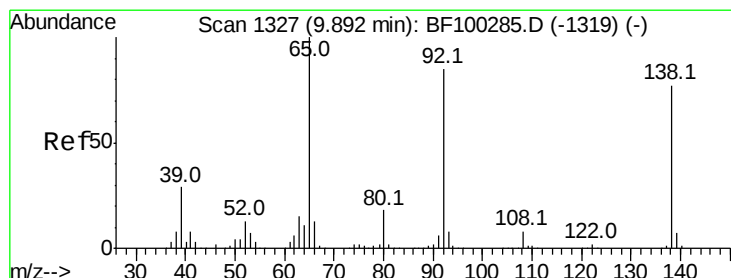
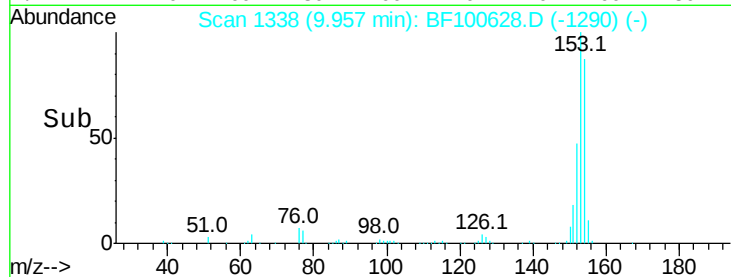
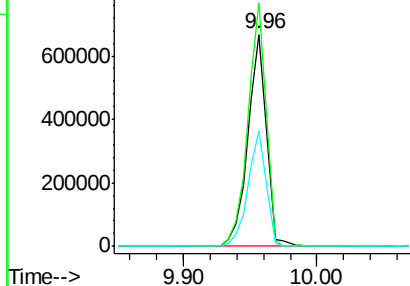
Tot Ion:	154	Resp:	629924
Ion Ratio	Lower	Upper	
154	100		
153	115.1	91.2	136.8
152	54.4	43.8	65.8

Manual Integrations
APPROVED

SOHIL
11/17/2017 1:24:40 PM



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



#52

3-Nitroaniline

Concen: 23.564 ng

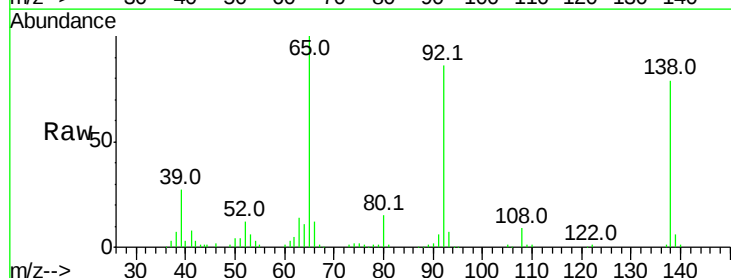
RT: 9.87 min Scan# 1323

Delta R.T. -0.02 min

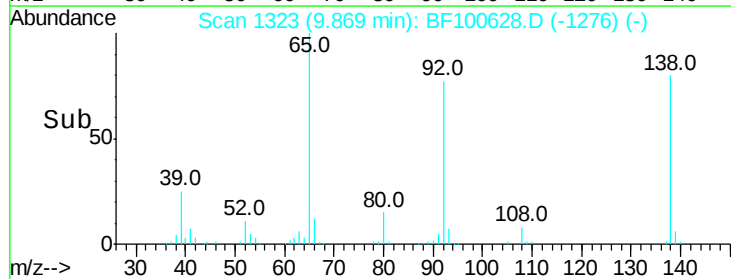
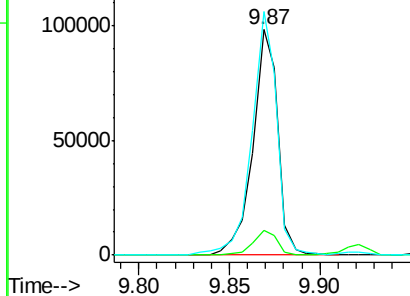
Lab File: BF100628.D

Acq: 16 Nov 2017 14:10

Tgt Ion:	138	Resp:	93692
Ion Ratio	Lower	Upper	
138	100		
108	10.8	9.4	14.0
92	108.0	89.4	134.2



Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1





#53

2,4-Dinitrophenol

Concen: 29.816 ng

RT: 9.97 min Scan# 1341

Delta R.T. -0.02 min

Lab File: BF100628.D

Acq: 16 Nov 2017 14:10

Instrument :

BNA_F

ClientSampleId :

HR-04-111317-AMSD

Tot Ion:184 Resp: 27118

Ion Ratio Lower Upper

184 100

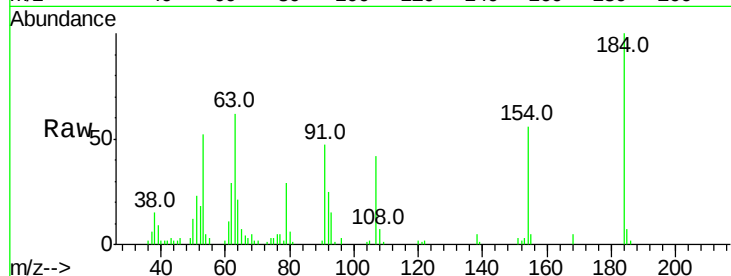
63 61.7 54.2 81.2

154 56.3 184.0 276.0#

Manual Integrations
APPROVED

SOHIL

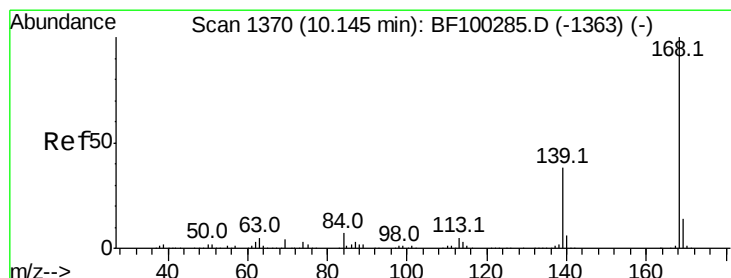
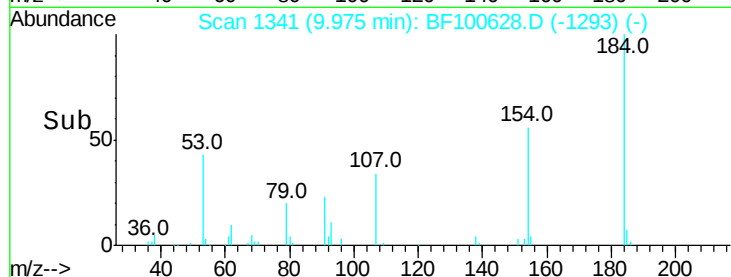
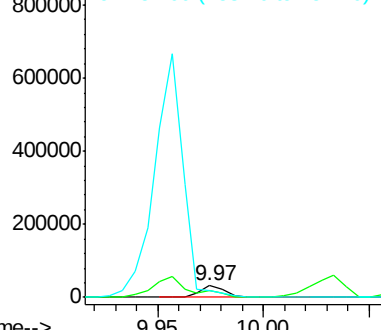
11/17/2017 1:24:40 PM



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 154.00 (153.70 to 154.70): E



#54

Dibenzofuran

Concen: 47.375 ng

RT: 10.13 min Scan# 1367

Delta R.T. -0.02 min

Lab File: BF100628.D

Acq: 16 Nov 2017 14:10

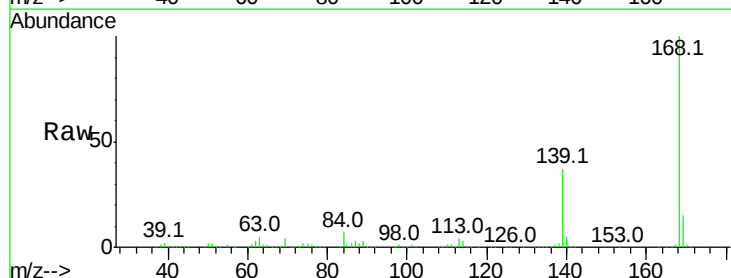
Tgt Ion:168 Resp: 935532

Ion Ratio Lower Upper

168 100

139 36.9 30.1 45.1

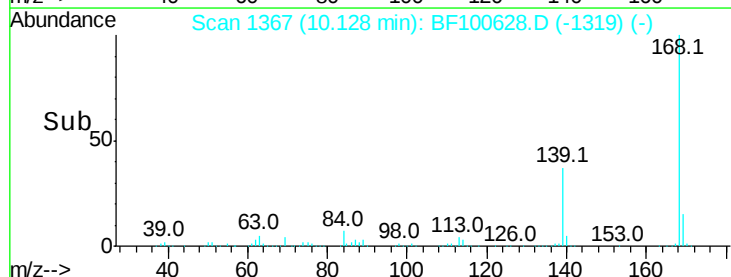
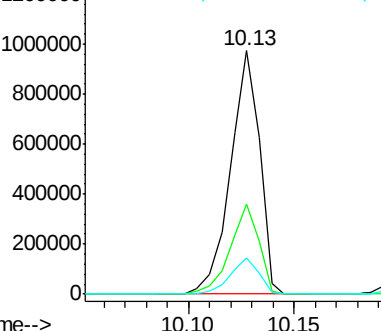
169 14.6 10.9 16.3



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E





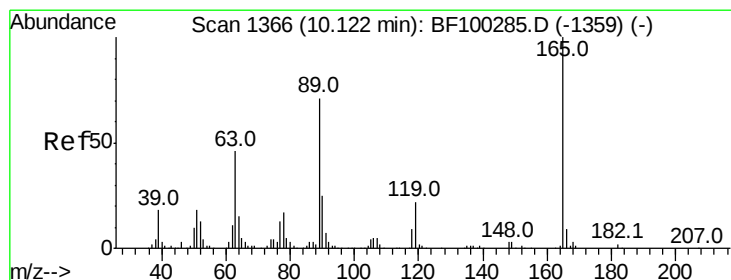
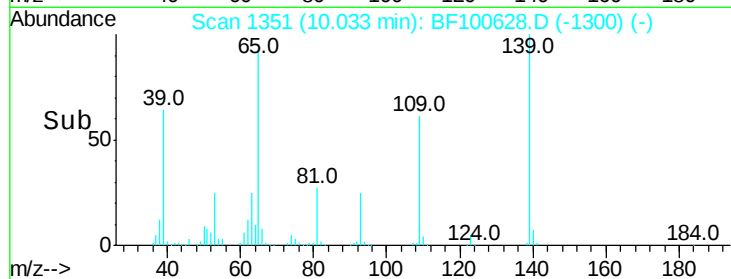
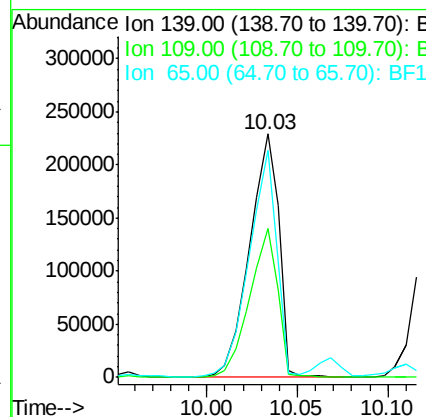
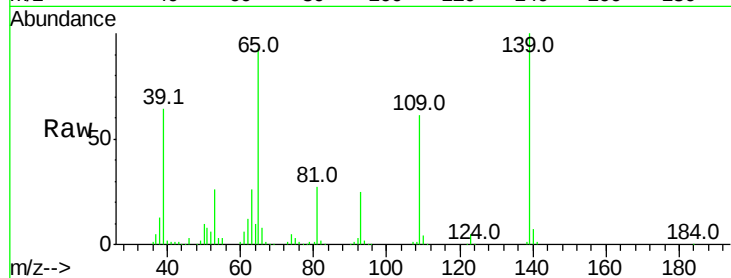
#55
4-Nitrophenol
Concen: 80.090 ng
RT: 10.03 min Scan# 1351
Delta R.T. 0.00 min
Lab File: BF100628.D
Acq: 16 Nov 2017 14:10

Instrument :
BNA_F
ClientSampleId :
HR-04-111317-AMSD

Tot Ion	Ratio	Resp	Lower	Upper
139	100	258572		
109	61.0	48.4	88.4	
65	93.0	72.6	112.6	

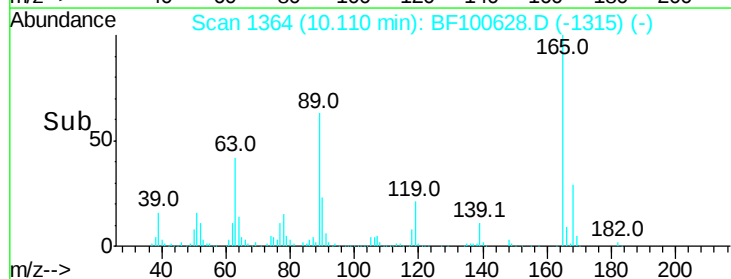
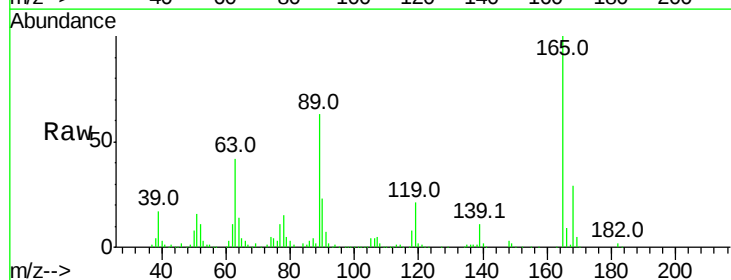
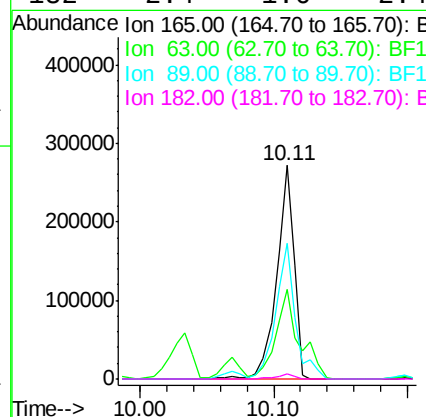
Manual Integrations
APPROVED

SOHIL
11/17/2017 1:24:40 PM



#56
2,4-Dinitrotoluene
Concen: 58.209 ng
RT: 10.11 min Scan# 1364
Delta R.T. -0.01 min
Lab File: BF100628.D
Acq: 16 Nov 2017 14:10

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	247257		
63	42.1	36.4	54.6	
89	63.3	57.8	86.6	
182	2.4	1.6	2.4	





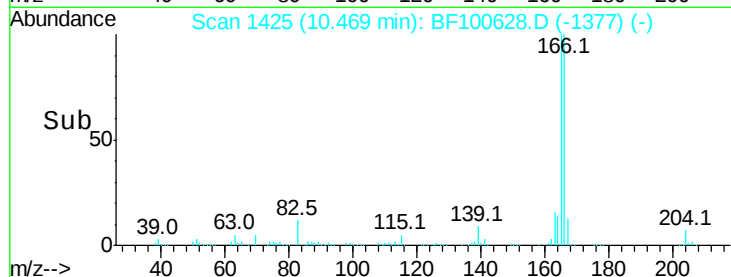
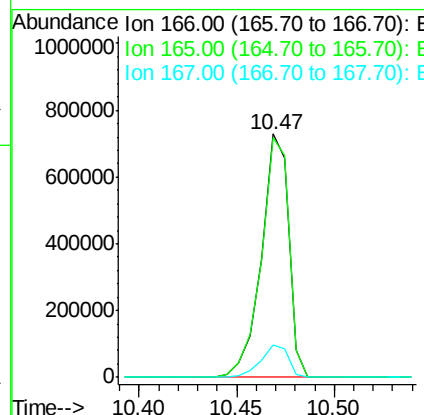
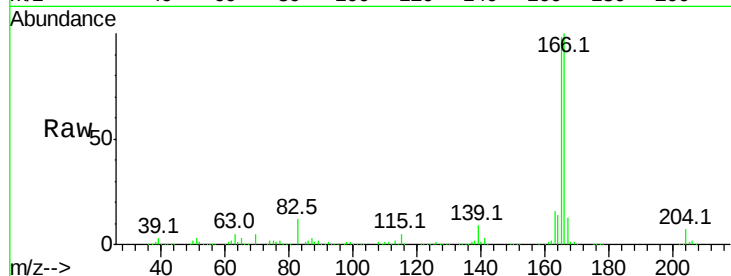
#57
 Fluorene
 Concen: 48.831 ng
 RT: 10.47 min Scan# 1425
 Delta R.T. -0.02 min
 Lab File: BF100628.D
 Acq: 16 Nov 2017 14:10

Instrument :
 BNA_F
 ClientSampleId :
 HR-04-111317-AMSD

Tot Ion	Ratio	Resp	Lower	Upper
166	100			
165	98.5	79.8	119.8	
167	13.5	10.6	16.0	

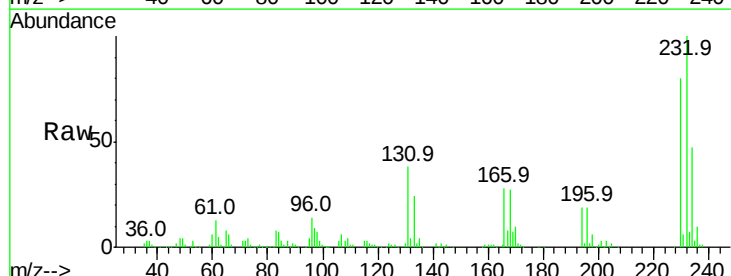
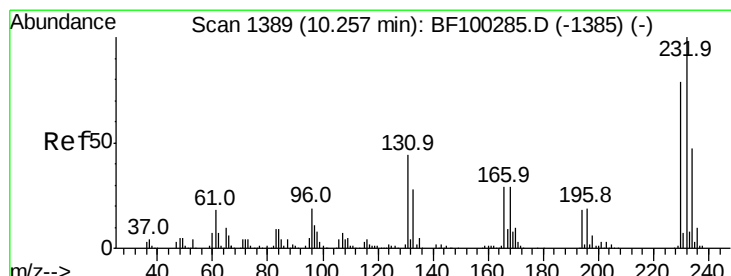
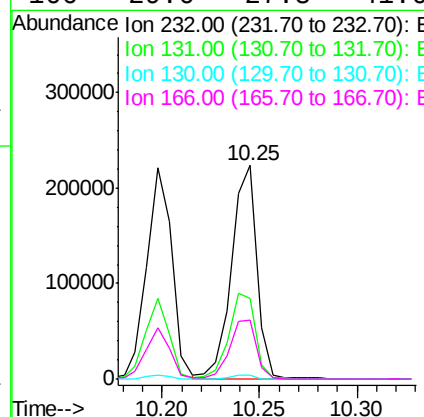
Manual Integrations
 APPROVED

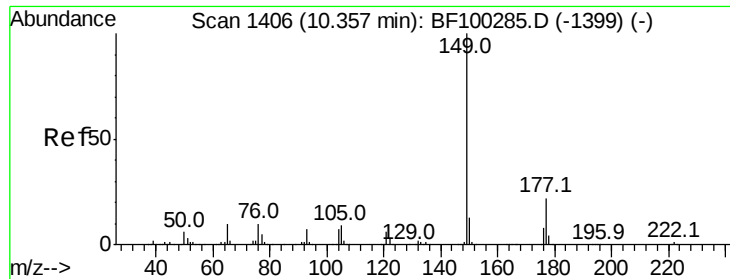
SOHIL
 11/17/2017 1:24:40 PM



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 50.788 ng
 RT: 10.25 min Scan# 1387
 Delta R.T. -0.01 min
 Lab File: BF100628.D
 Acq: 16 Nov 2017 14:10

Tgt Ion	Ratio	Resp	Lower	Upper
232	100			
131	42.9	43.8	65.8#	
130	2.0	2.1	3.1#	
166	29.6	27.8	41.6	





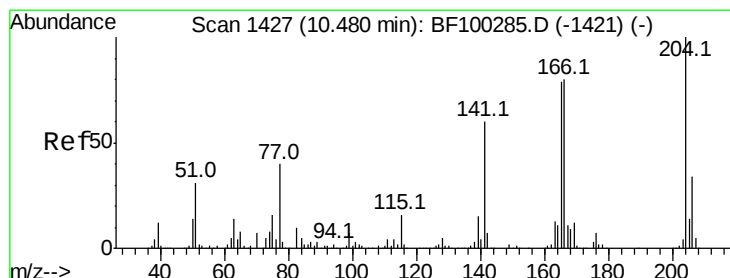
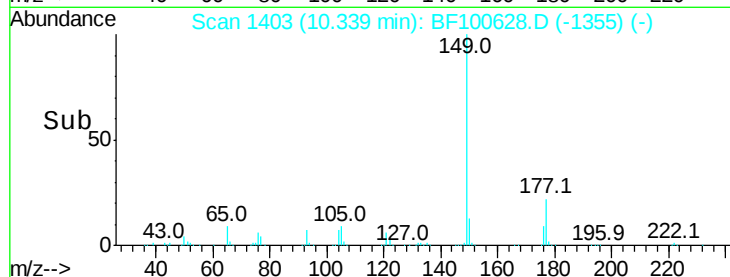
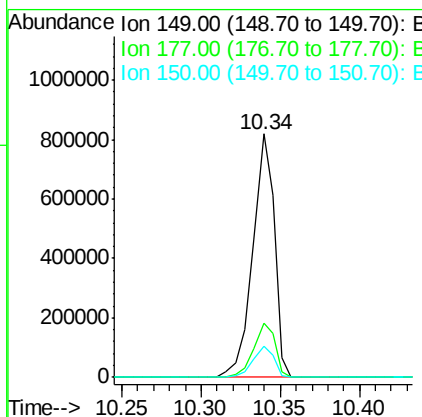
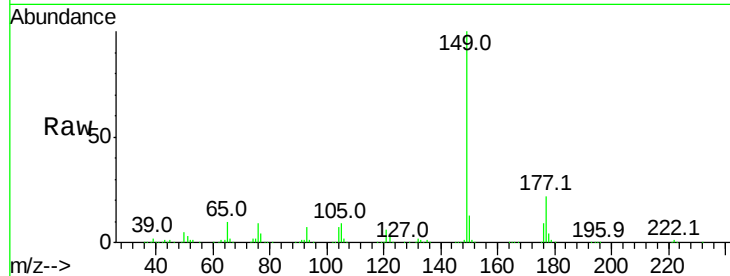
#59
Diethylphthalate
Concen: 45.577 ng
RT: 10.34 min Scan# 1403
Delta R.T. -0.02 min
Lab File: BF100628.D
Acq: 16 Nov 2017 14:10

Instrument :
BNA_F
ClientSampleId :
HR-04-111317-AMSD

Tot Ion	Ratio	Lower	Upper
149	100		
177	22.1	16.1	24.1
150	12.6	10.1	15.1

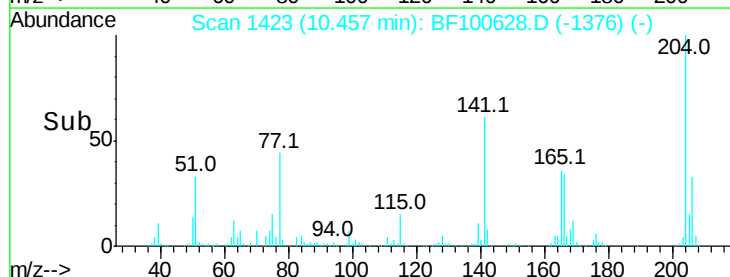
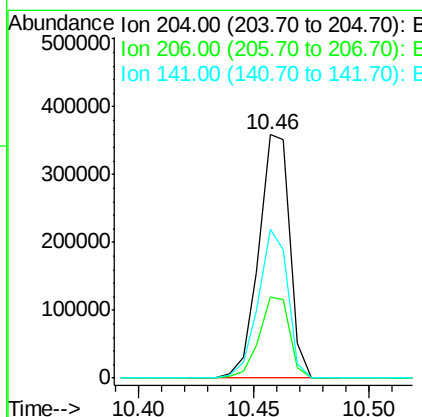
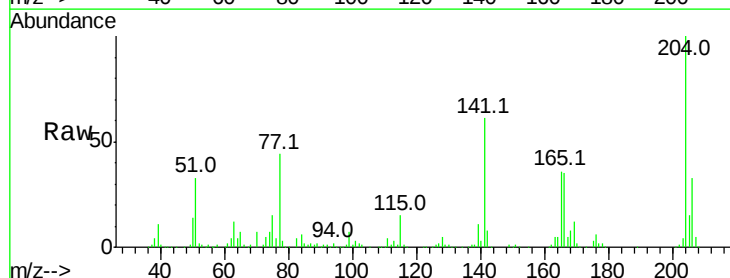
Manual Integrations
APPROVED

SOHIL
11/17/2017 1:24:40 PM



#60
4-Chlorophenyl-phenylether
Concen: 47.643 ng
RT: 10.46 min Scan# 1423
Delta R.T. -0.02 min
Lab File: BF100628.D
Acq: 16 Nov 2017 14:10

Tgt Ion	Ratio	Lower	Upper
204	100		
206	33.2	26.5	39.7
141	61.3	54.6	81.8





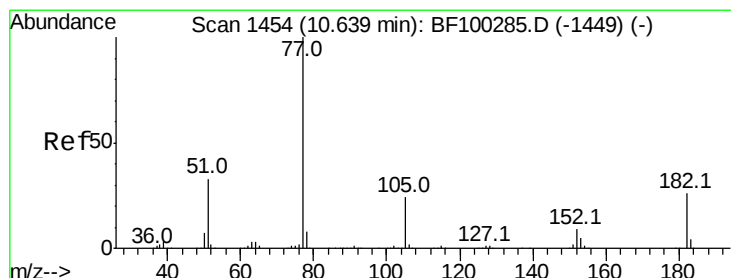
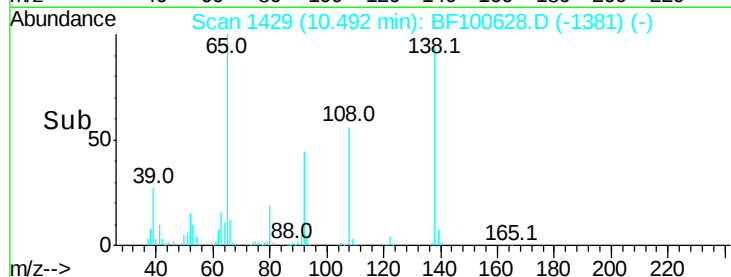
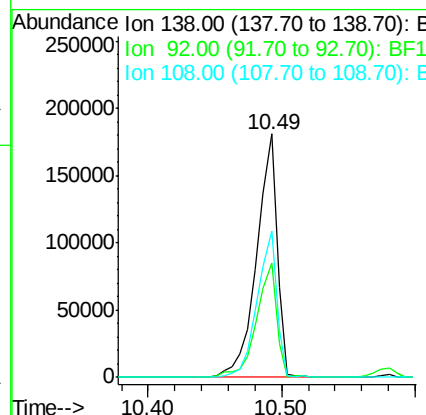
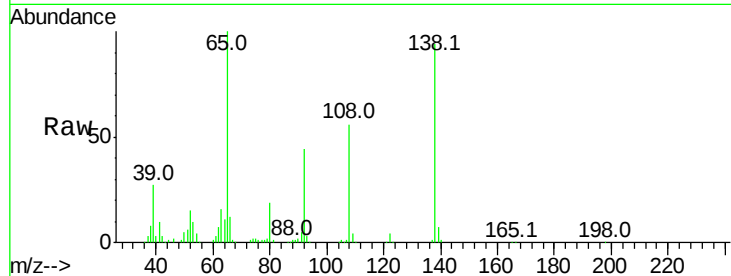
#61
4-Nitroaniline
Concen: 50.449 ng
RT: 10.49 min Scan# 1429
Delta R.T. -0.02 min
Lab File: BF100628.D
Acq: 16 Nov 2017 14:10

Instrument :
BNA_F
ClientSampleId :
HR-04-111317-AMSD

Tot Ion	Ratio	Lower	Upper
138	100		
92	47.2	30.2	70.2
108	60.0	52.5	92.5

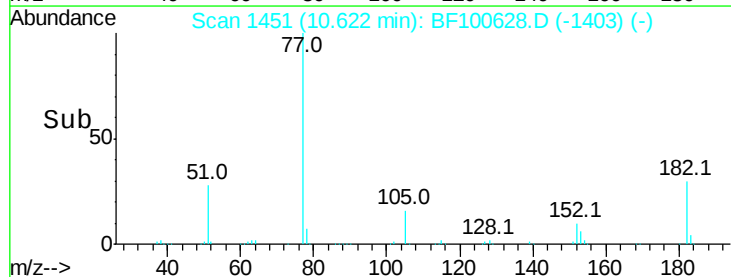
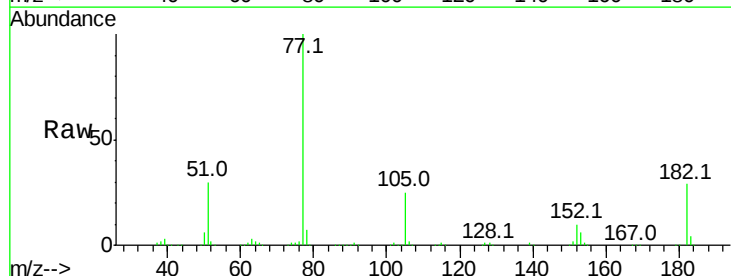
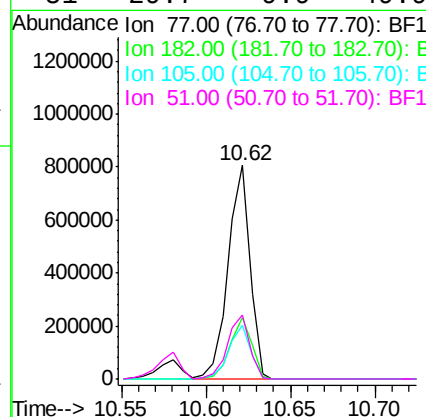
Manual Integrations
APPROVED

SOHIL
11/17/2017 1:24:40 PM



#62
Azobenzene
Concen: 45.234 ng
RT: 10.62 min Scan# 1451
Delta R.T. -0.02 min
Lab File: BF100628.D
Acq: 16 Nov 2017 14:10

Tgt Ion	Ratio	Lower	Upper
77	100		
182	28.7	1.7	41.7
105	25.1	3.0	43.0
51	29.7	9.9	49.9





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.40 min Scan# 1584

Delta R.T. -0.02 min

Lab File: BF100628.D

Acq: 16 Nov 2017 14:10

Instrument :

BNA_F

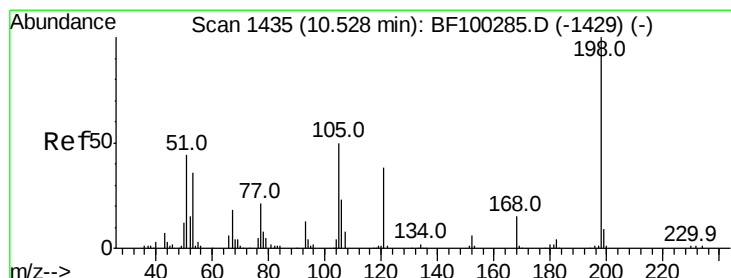
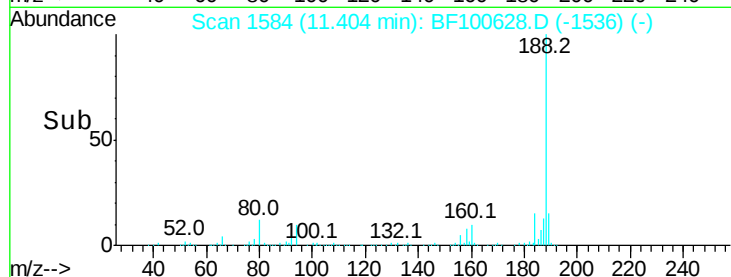
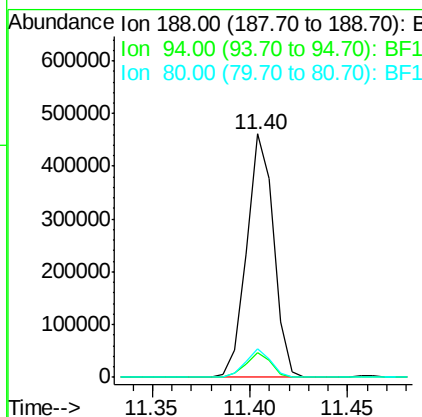
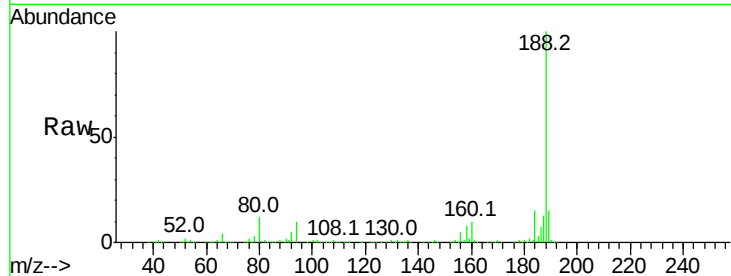
ClientSampleId :

HR-04-111317-AMSD

Tot Ion:	188	Resp:	441231
Ion Ratio	Lower	Upper	
188	100		
94	10.3	8.5	12.7
80	11.5	9.2	13.8

Manual Integrations
APPROVED

SOHIL
11/17/2017 1:24:40 PM



#64

4,6-Dinitro-2-methylphenol

Concen: 23.473 ng

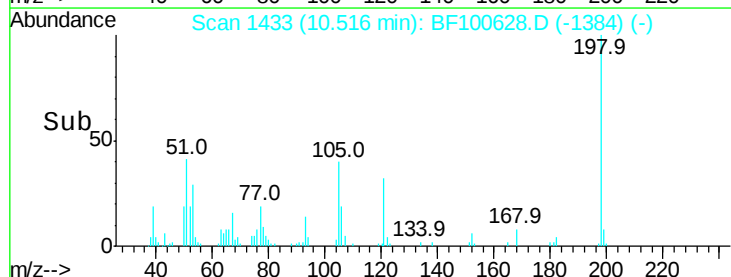
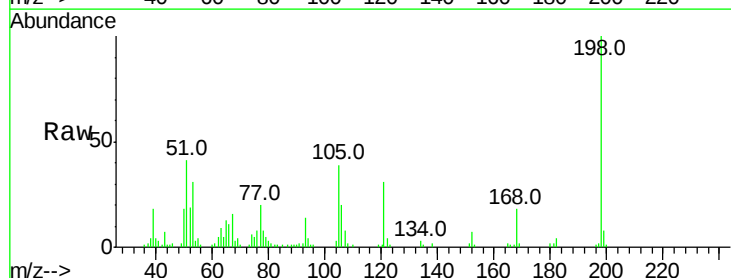
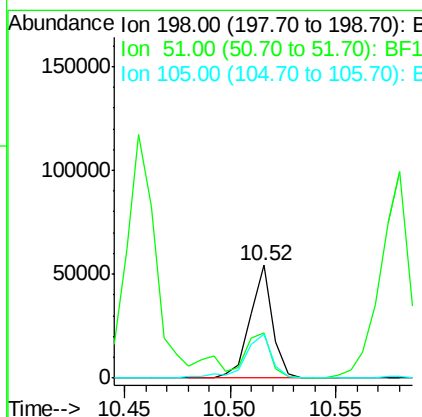
RT: 10.52 min Scan# 1433

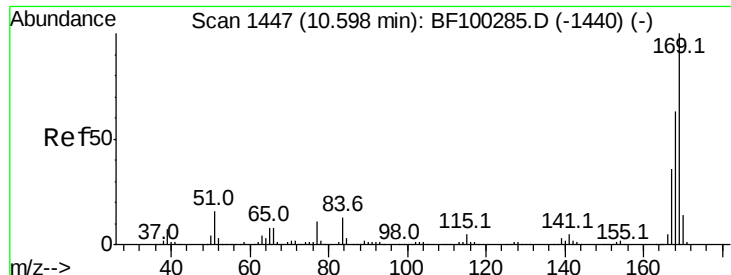
Delta R.T. -0.01 min

Lab File: BF100628.D

Acq: 16 Nov 2017 14:10

Tgt Ion:	198	Resp:	40419
Ion Ratio	Lower	Upper	
198	100		
51	40.6	37.7	77.7
105	39.4	36.3	76.3





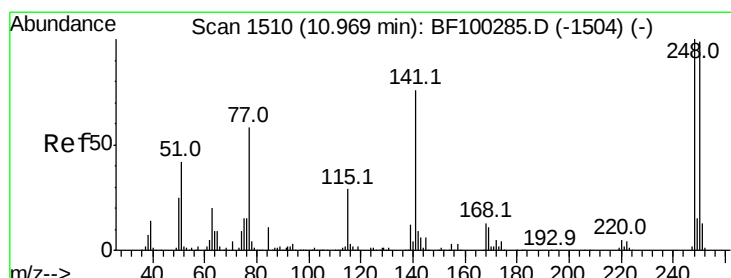
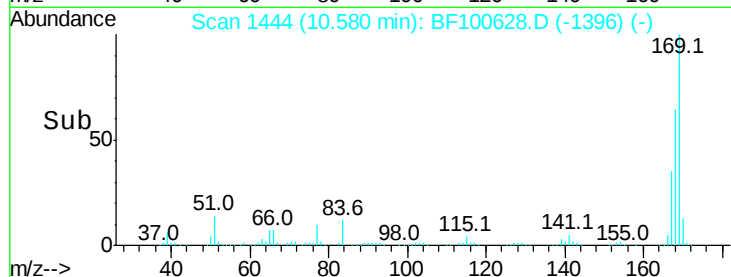
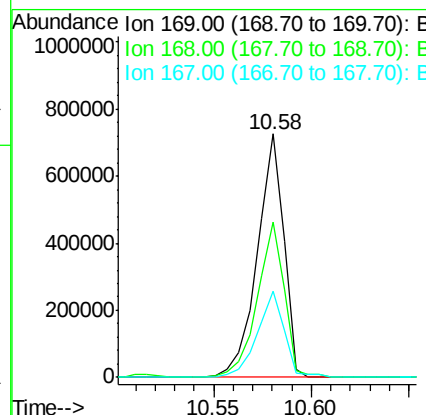
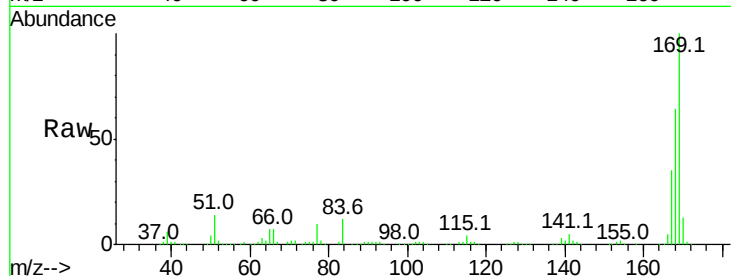
#65
n-Nitrosodiphenylamine
Concen: 44.565 ng
RT: 10.58 min Scan# 1444
Delta R.T. -0.02 min
Lab File: BF100628.D
Acq: 16 Nov 2017 14:10

Instrument :
BNA_F
ClientSampleId :
HR-04-111317-AMSD

Tot Ion	Ratio	Resp	Lower	Upper
169	100	683716		
168	63.8	54.4	81.6	
167	35.2	29.8	44.6	

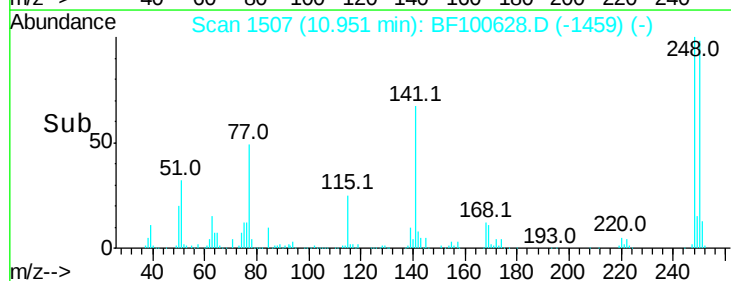
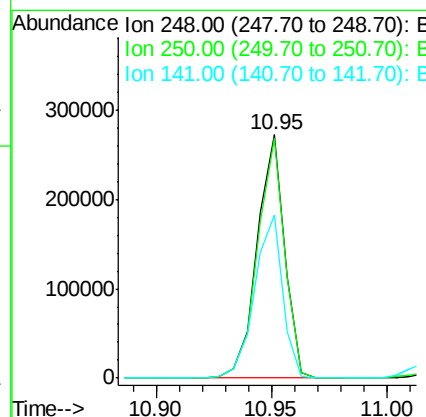
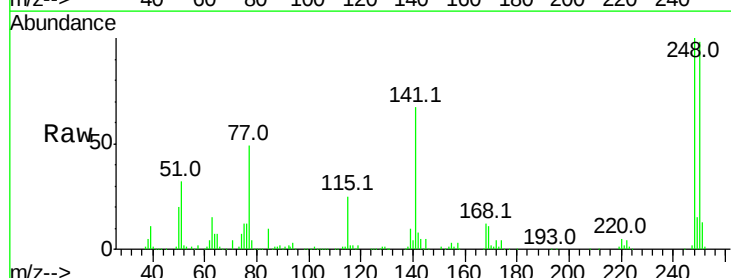
Manual Integrations
APPROVED

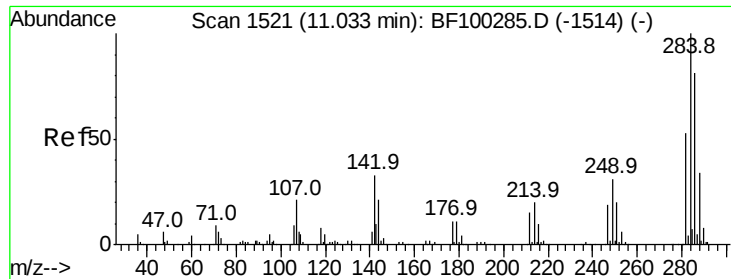
SOHIL
11/17/2017 1:24:40 PM



#66
4-Bromophenyl-phenylether
Concen: 47.918 ng
RT: 10.95 min Scan# 1507
Delta R.T. -0.02 min
Lab File: BF100628.D
Acq: 16 Nov 2017 14:10

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	226648		
250	98.5	76.9	115.3	
141	66.9	74.4	111.6#	





#67

Hexachlorobenzene

Concen: 48.016 ng

RT: 11.02 min Scan# 1518

Delta R.T. -0.02 min

Lab File: BF100628.D

Acq: 16 Nov 2017 14:10

Instrument :

BNA_F

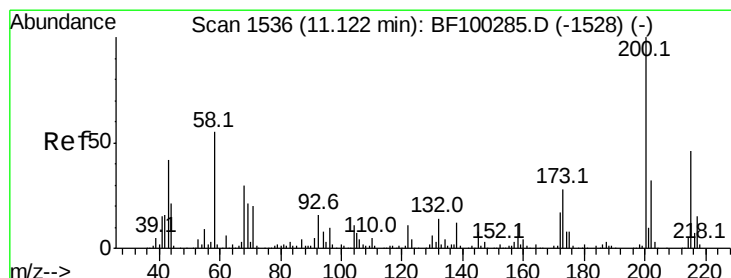
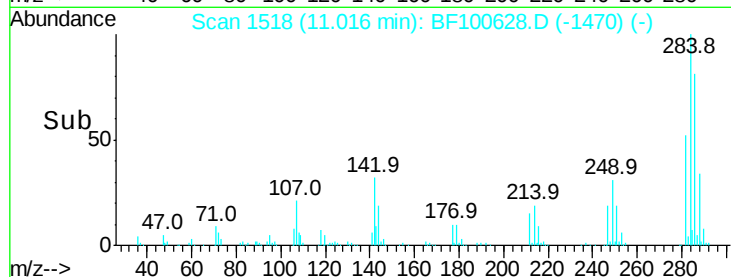
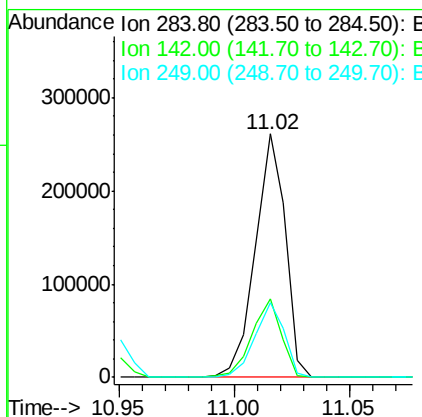
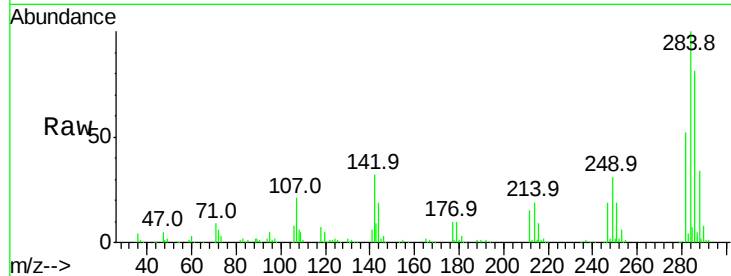
ClientSampleId :

HR-04-111317-AMSD

Tot Ion:	284	Resp:	237535
Ion Ratio	Lower	Upper	
284	100		
142	32.1	34.6	52.0#
249	30.7	24.8	37.2

Manual Integrations
APPROVED

SOHIL
11/17/2017 1:24:40 PM



#68

Atrazine

Concen: 47.573 ng

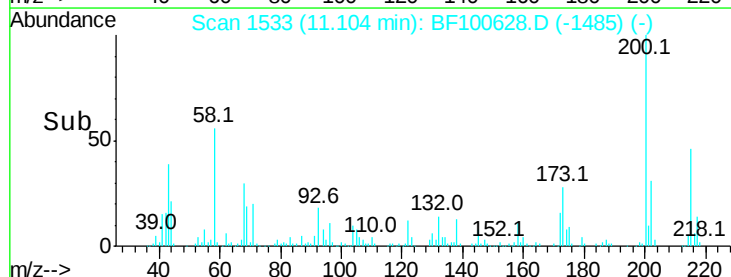
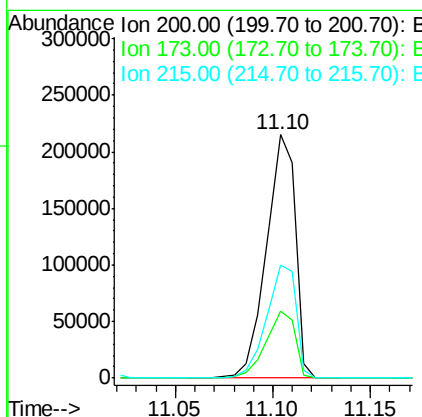
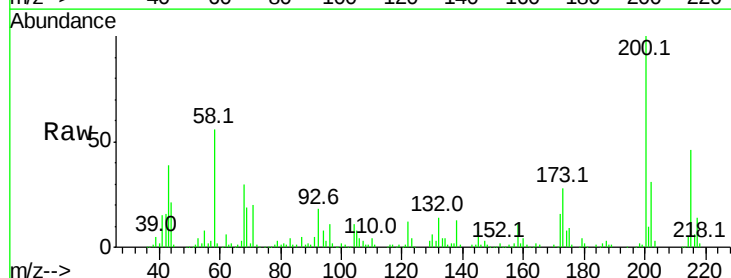
RT: 11.10 min Scan# 1533

Delta R.T. -0.02 min

Lab File: BF100628.D

Acq: 16 Nov 2017 14:10

Tgt Ion:	200	Resp:	220935
Ion Ratio	Lower	Upper	
200	100		
173	27.6	8.6	48.6
215	46.2	25.1	65.1





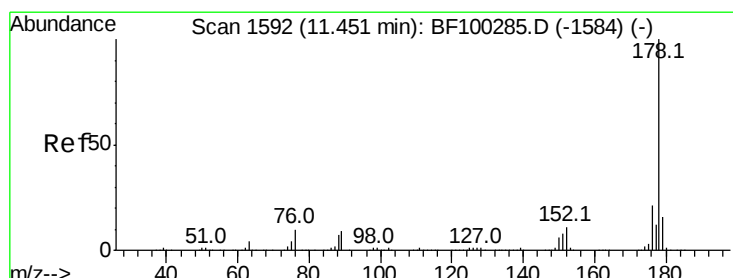
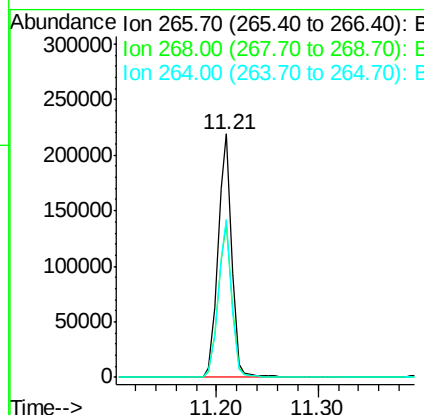
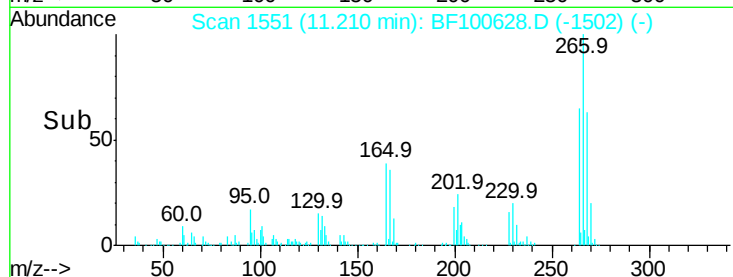
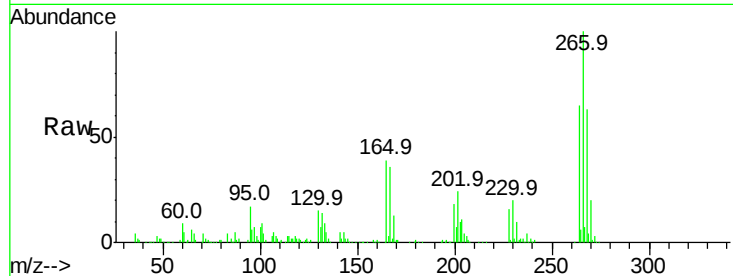
#69
 Pentachlorophenol
 Concen: 58.154 ng
 RT: 11.21 min Scan# 1551
 Delta R.T. -0.01 min
 Lab File: BF100628.D
 Acq: 16 Nov 2017 14:10

Instrument :
 BNA_F
 ClientSampleId :
 HR-04-111317-AMSD

Tot Ion	Ratio	Lower	Upper
266	100		
268	63.4	51.1	76.7
264	64.9	49.5	74.3

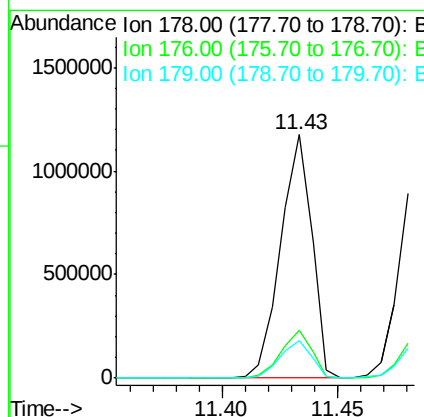
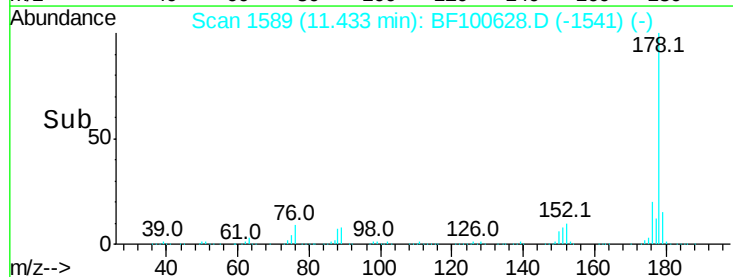
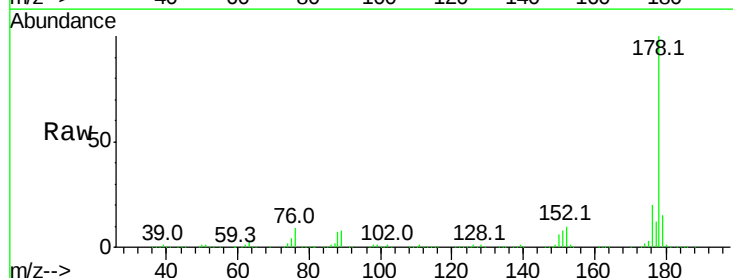
Manual Integrations
 APPROVED

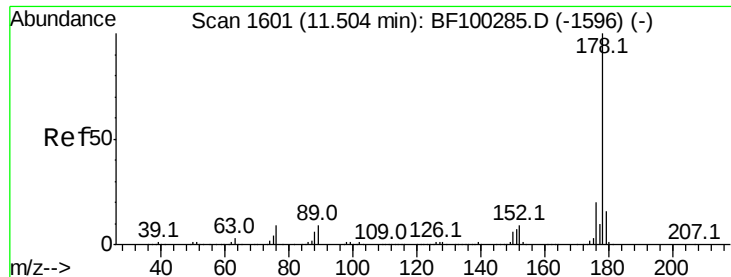
SOHIL
 11/17/2017 1:24:40 PM



#70
 Phenanthrene
 Concen: 47.345 ng
 RT: 11.43 min Scan# 1589
 Delta R.T. -0.02 min
 Lab File: BF100628.D
 Acq: 16 Nov 2017 14:10

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.8	15.8	23.8
179	15.2	13.0	19.6





#71

Anthracene

Concen: 46.834 ng

RT: 11.49 min Scan# 1598

Delta R.T. -0.02 min

Lab File: BF100628.D

Acq: 16 Nov 2017 14:10

Instrument :

BNA_F

ClientSampleId :

HR-04-111317-AMSD

Tot Ion:178 Resp: 1103847

Ion Ratio Lower Upper

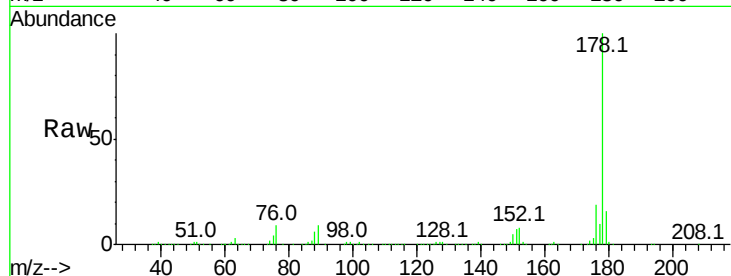
178 100

176 19.2 15.4 23.2

179 15.6 12.6 19.0

Manual Integrations
APPROVED

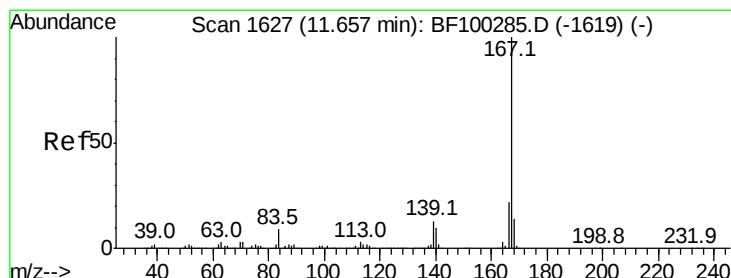
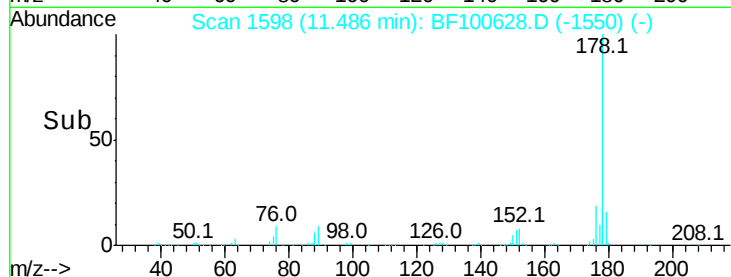
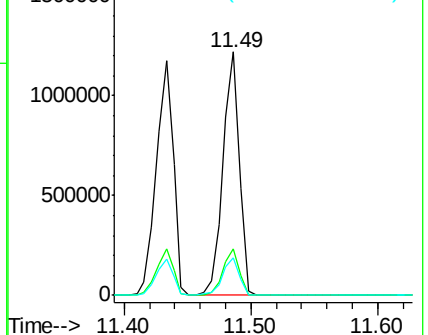
SOHIL
11/17/2017 1:24:40 PM



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 46.604 ng

RT: 11.64 min Scan# 1624

Delta R.T. -0.02 min

Lab File: BF100628.D

Acq: 16 Nov 2017 14:10

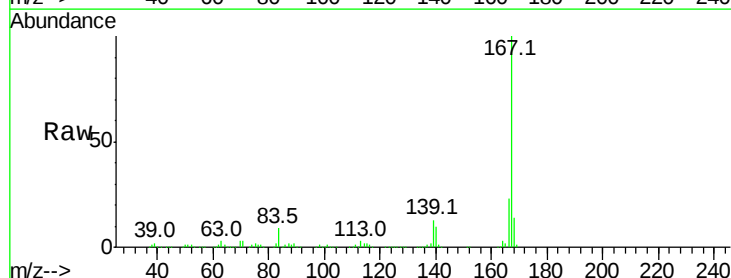
Tgt Ion:167 Resp: 1013526

Ion Ratio Lower Upper

167 100

166 22.8 17.6 26.4

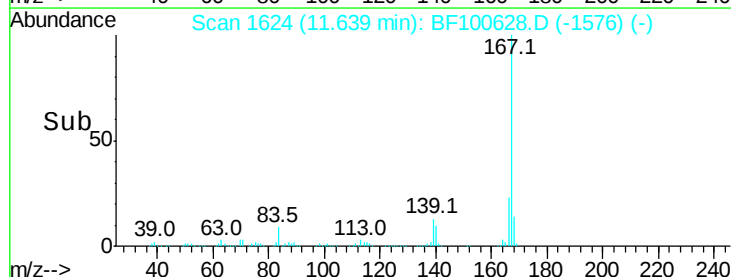
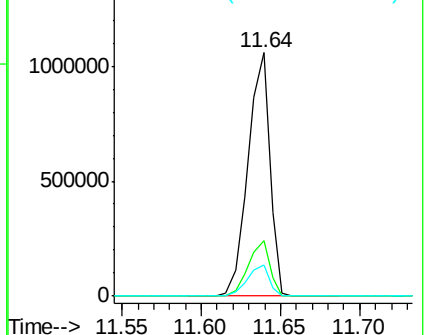
139 12.8 10.9 16.3

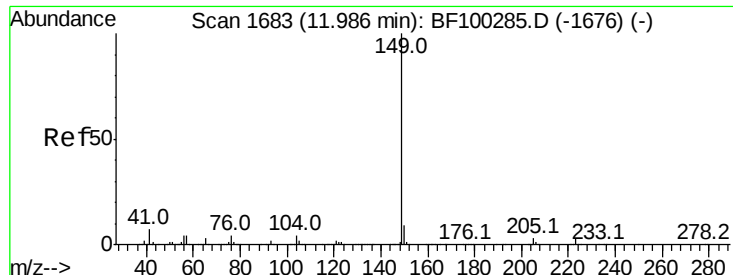


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





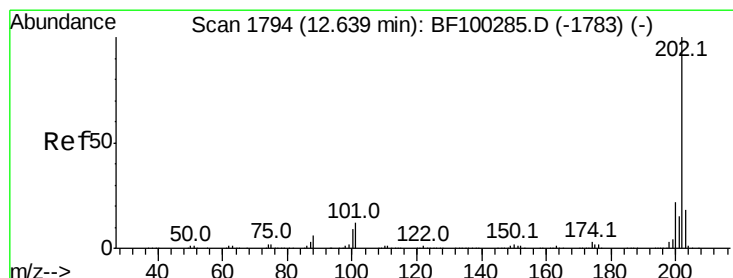
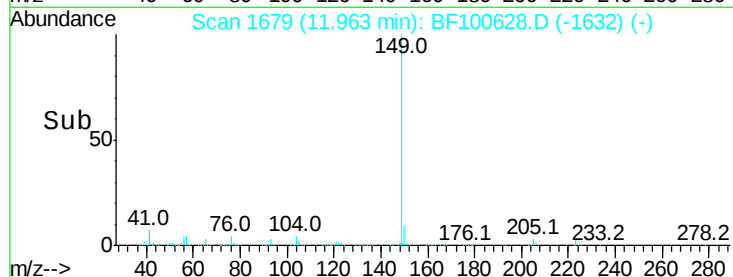
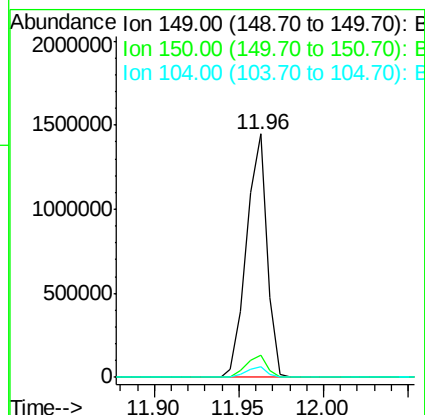
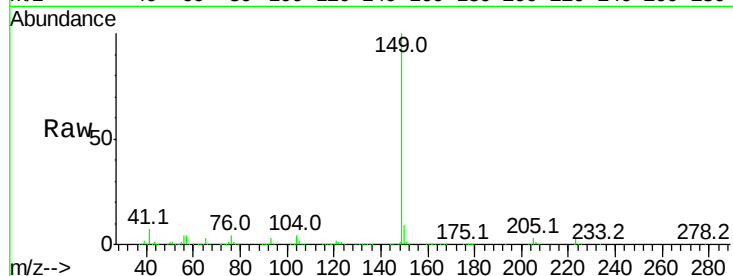
#73
Di-n-butylphthalate
Concen: 48.323 ng
RT: 11.96 min Scan# 1679
Delta R.T. -0.02 min
Lab File: BF100628.D
Acq: 16 Nov 2017 14:10

Instrument :
BNA_F
ClientSampleId :
HR-04-111317-AMSD

Tot Ion:149 Resp: 1229812
Ion Ratio Lower Upper
149 100
150 9.2 7.8 11.6
104 4.4 3.8 5.8

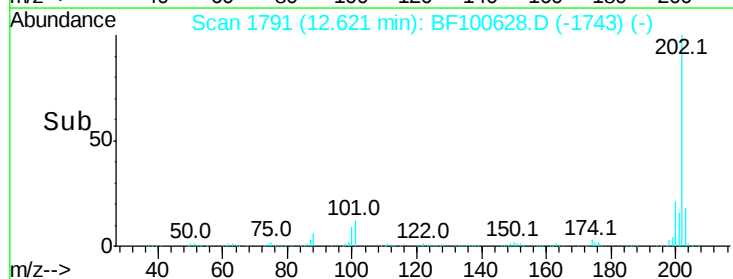
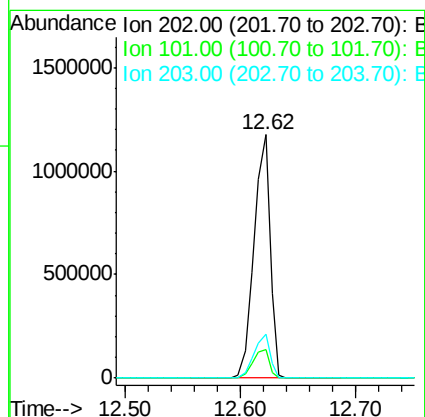
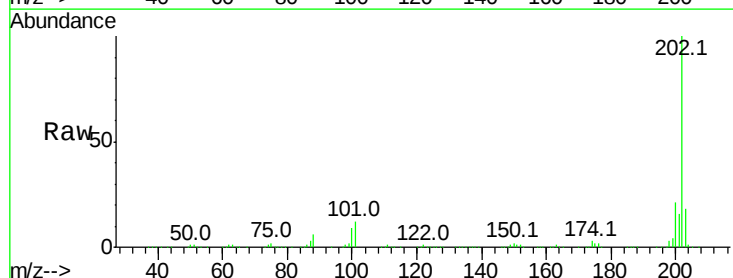
Manual Integrations
APPROVED

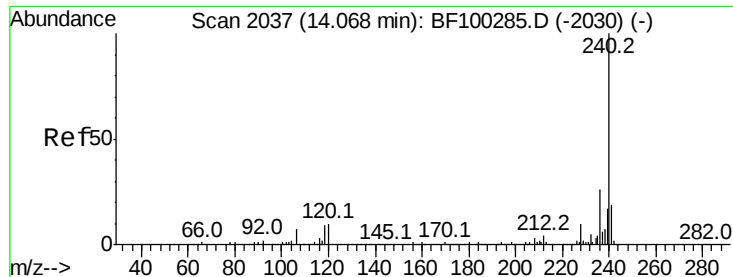
SOHIL
11/17/2017 1:24:40 PM



#74
Fluoranthene
Concen: 46.386 ng
RT: 12.62 min Scan# 1791
Delta R.T. -0.02 min
Lab File: BF100628.D
Acq: 16 Nov 2017 14:10

Tgt Ion:202 Resp: 1142059
Ion Ratio Lower Upper
202 100
101 11.5 0.0 34.1
203 18.2 0.0 38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.04 min Scan# 2033

Delta R.T. -0.02 min

Lab File: BF100628.D

Acq: 16 Nov 2017 14:10

Instrument :

BNA_F

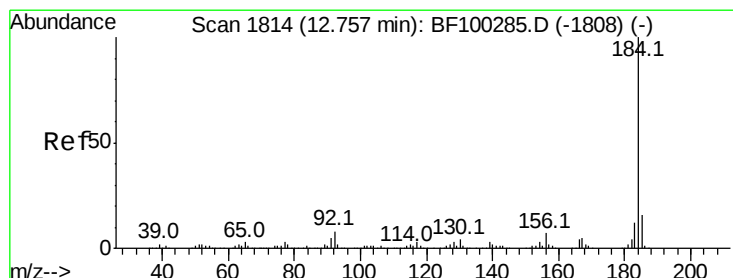
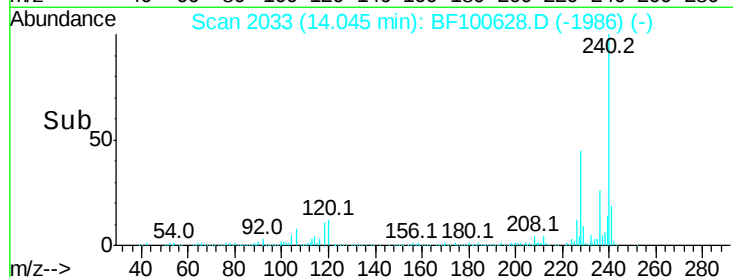
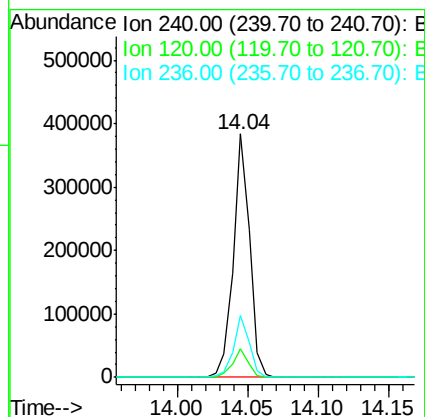
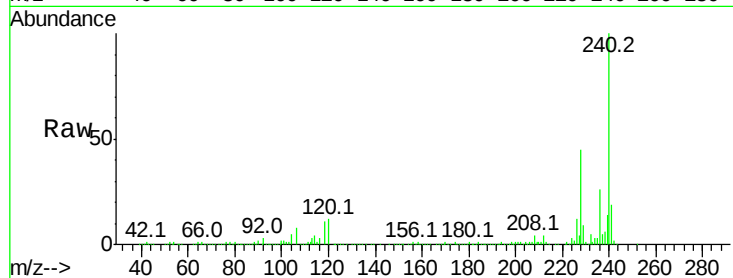
ClientSampleId :

HR-04-111317-AMSD

Tot Ion:	240	Resp:	308970
Ion Ratio	Lower	Upper	
240	100		
120	11.8	9.5	14.3
236	25.6	20.7	31.1

Manual Integrations
APPROVED

SOHIL
11/17/2017 1:24:40 PM



#76

Benzidine

Concen: 36.435 ng

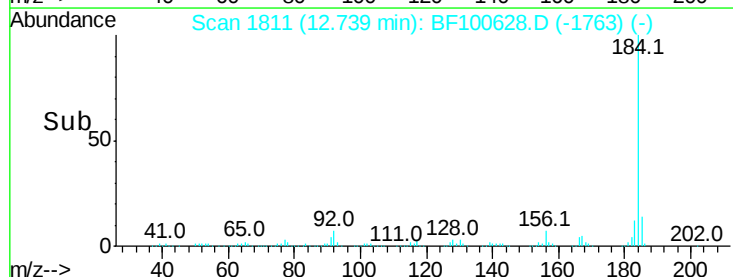
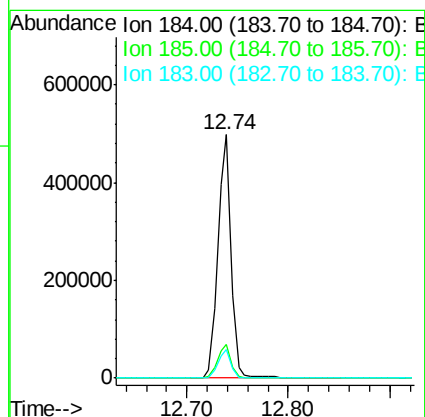
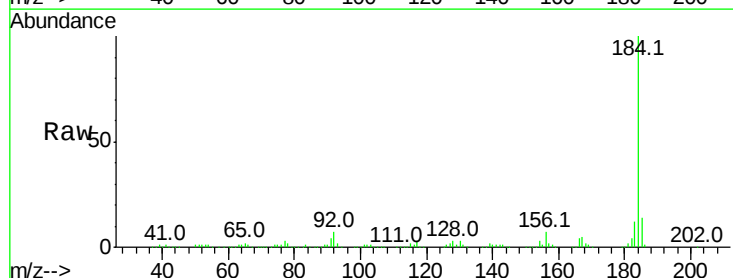
RT: 12.74 min Scan# 1811

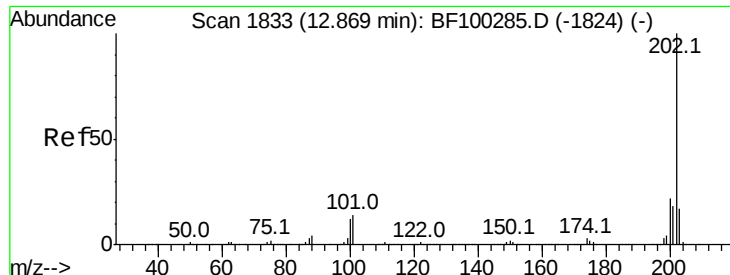
Delta R.T. -0.02 min

Lab File: BF100628.D

Acq: 16 Nov 2017 14:10

Tgt Ion:	184	Resp:	450836
Ion Ratio	Lower	Upper	
184	100		
185	13.9	12.6	18.8
183	12.0	9.3	13.9





#77

Pvrene

Concen: 53.128 ng

RT: 12.85 min Scan# 1830

Delta R.T. -0.02 min

Lab File: BF100628.D

Acq: 16 Nov 2017 14:10

Instrument :

BNA_F

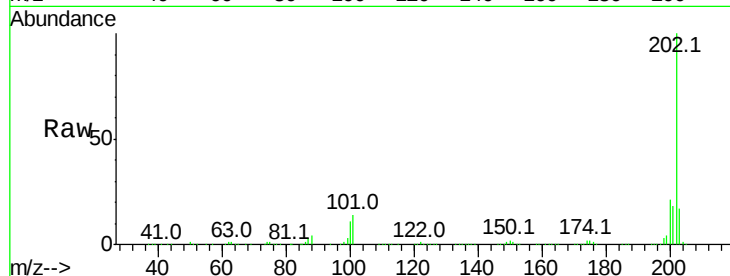
ClientSampleId :

HR-04-111317-AMSD

Tot Ion	Ratio	Lower	Upper
202	100		
200	21.3	17.4	26.2
203	17.2	14.3	21.5

Manual Integrations
APPROVED

SOHIL
11/17/2017 1:24:40 PM

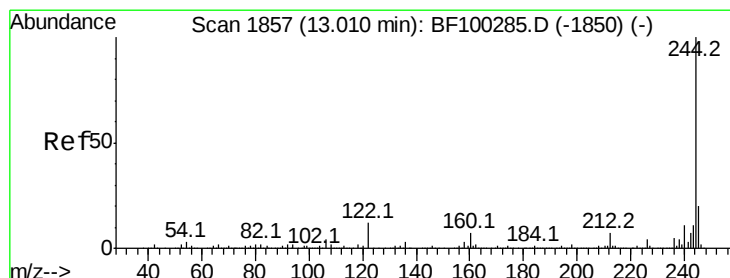
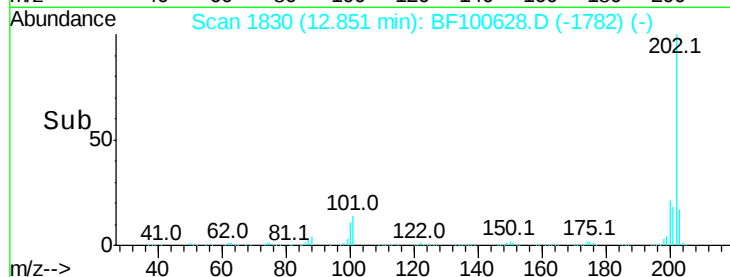
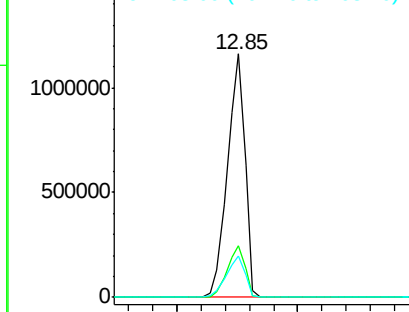


Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 90.985 ng

RT: 12.99 min Scan# 1854

Delta R.T. -0.02 min

Lab File: BF100628.D

Acq: 16 Nov 2017 14:10

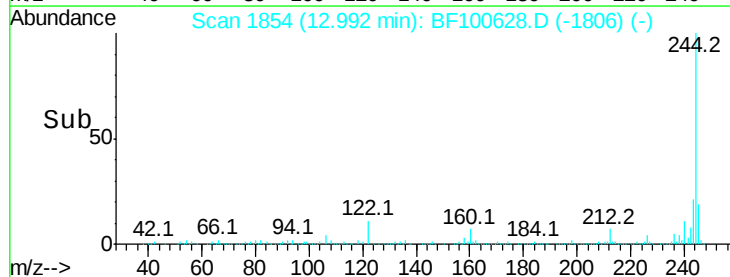
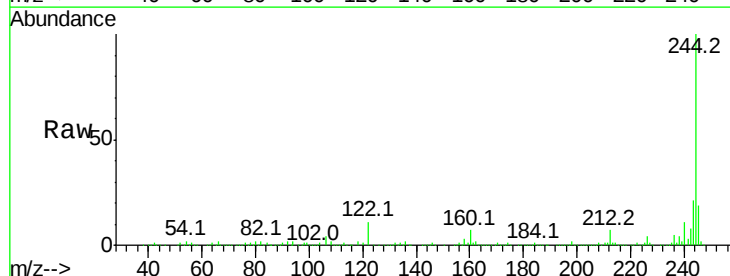
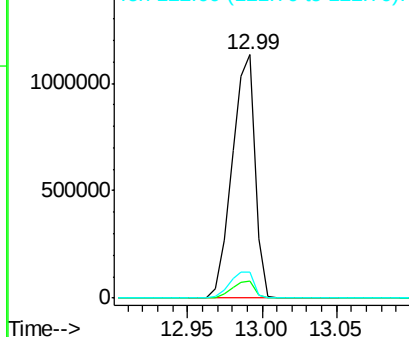
Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.4	8.0
122	10.5	11.0	16.4#

Abundance

Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#79

Butylbenzylphthalate

Concen: 55.569 ng

RT: 13.46 min Scan# 1933

Delta R.T. -0.02 min

Lab File: BF100628.D

Acq: 16 Nov 2017 14:10

Instrument :

BNA_F

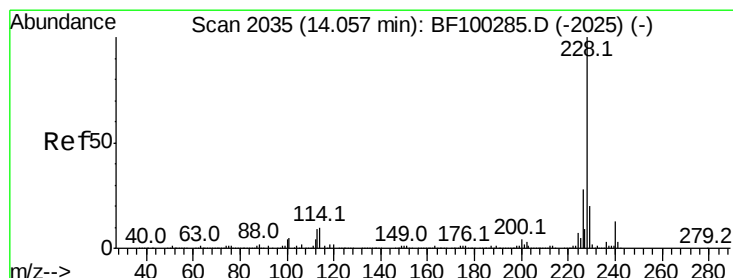
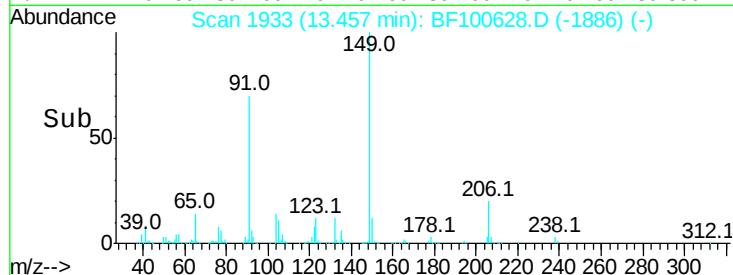
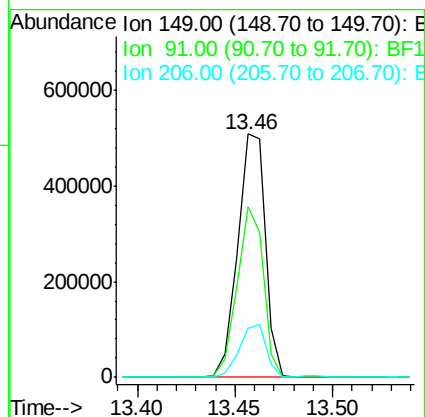
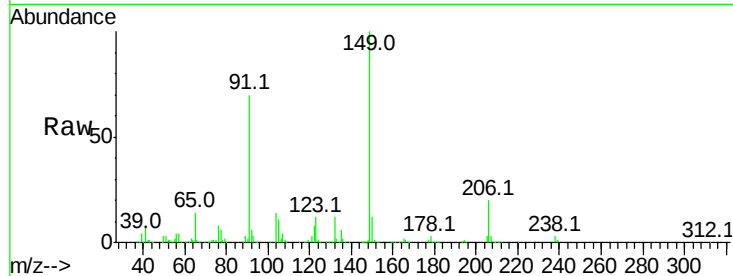
ClientSampleId :

HR-04-111317-AMSD

Tot Ion:	149	Resp:	499118
Ion Ratio	Lower	Upper	
149	100		
91	69.8	56.8	85.2
206	20.0	14.1	21.1

Manual Integrations
APPROVED

SOHIL
11/17/2017 1:24:40 PM



#80

Benzo(a)anthracene

Concen: 49.346 ng

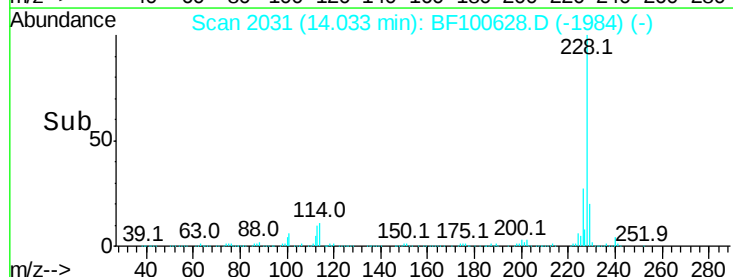
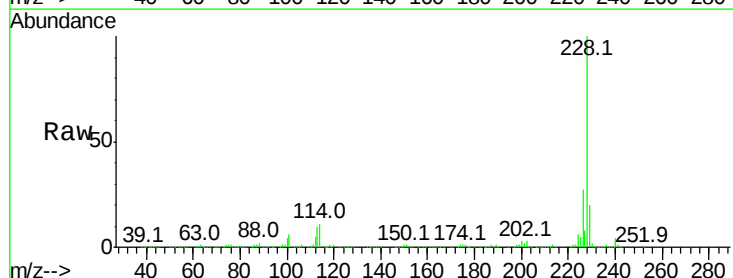
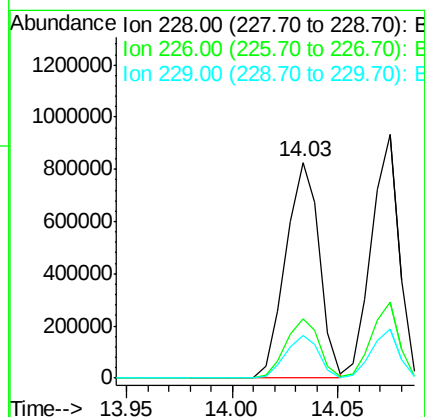
RT: 14.03 min Scan# 2031

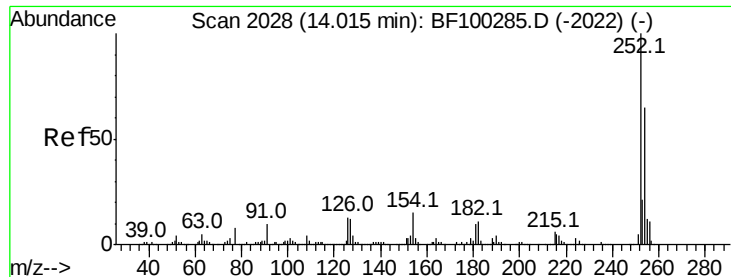
Delta R.T. -0.02 min

Lab File: BF100628.D

Acq: 16 Nov 2017 14:10

Tgt Ion:	228	Resp:	918141
Ion Ratio	Lower	Upper	
228	100		
226	27.5	22.6	33.8
229	19.5	15.8	23.6





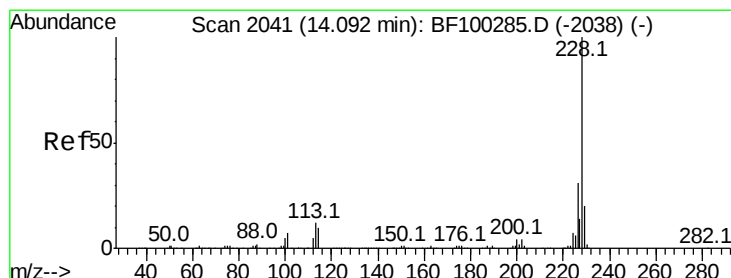
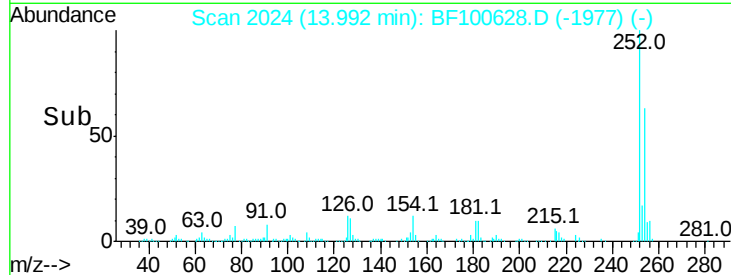
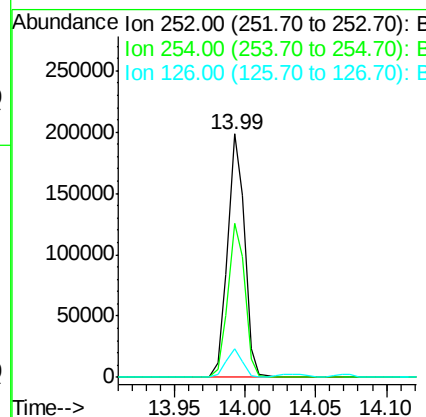
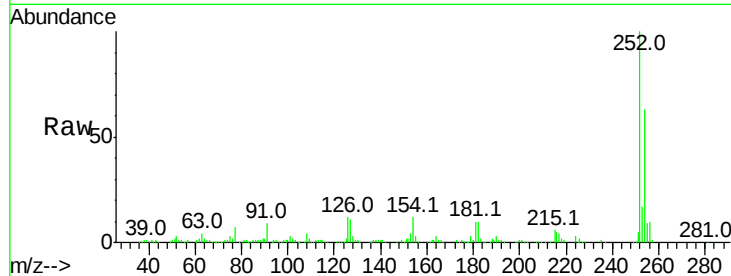
#81
 3,3'-Dichlorobenzidine
 Concen: 25.057 ng
 RT: 13.99 min Scan# 2024
 Delta R.T. -0.02 min
 Lab File: BF100628.D
 Acq: 16 Nov 2017 14:10

Instrument :
 BNA_F
 ClientSampleId :
 HR-04-111317-AMSD

Tot Ion	Ratio	Resp	Lower	Upper
252	100	167037		
254	63.3	50.4	75.6	
126	11.7	11.3	16.9	

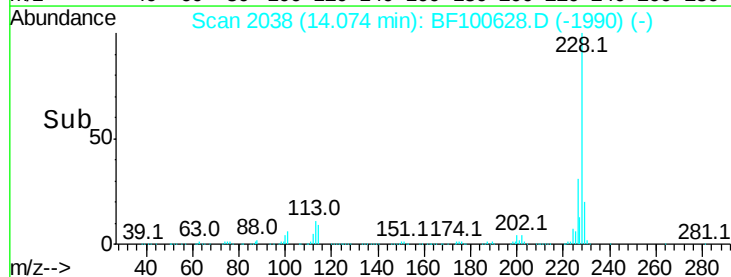
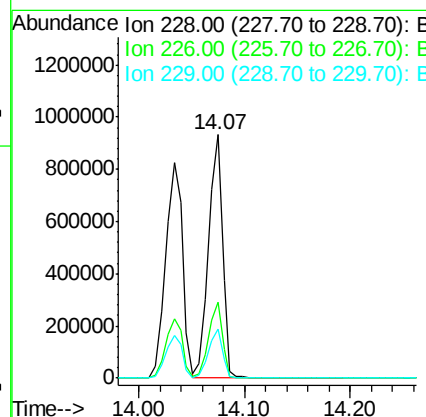
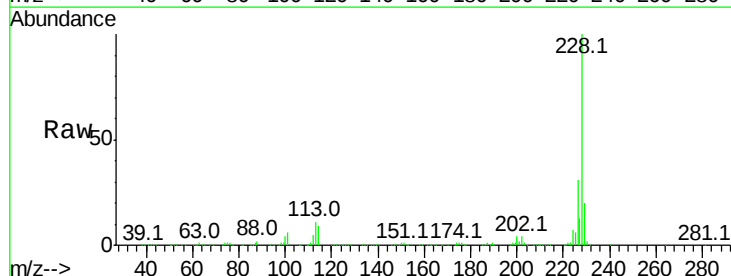
Manual Integrations
 APPROVED

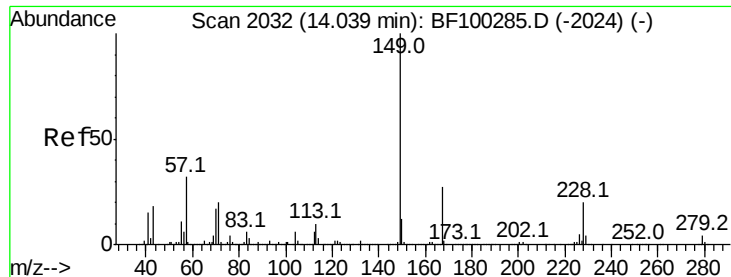
SOHIL
 11/17/2017 1:24:40 PM



#82
 Chrysene
 Concen: 47.685 ng
 RT: 14.07 min Scan# 2038
 Delta R.T. -0.02 min
 Lab File: BF100628.D
 Acq: 16 Nov 2017 14:10

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	859165		
226	31.4	25.0	37.6	
229	20.4	16.2	24.4	





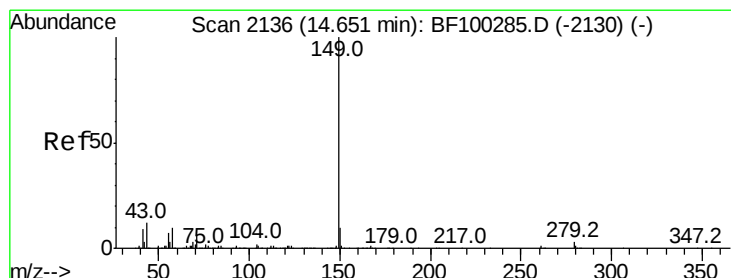
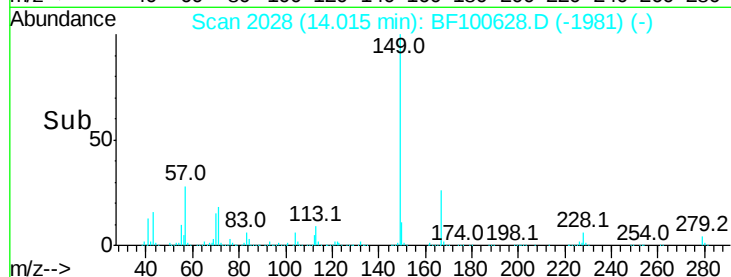
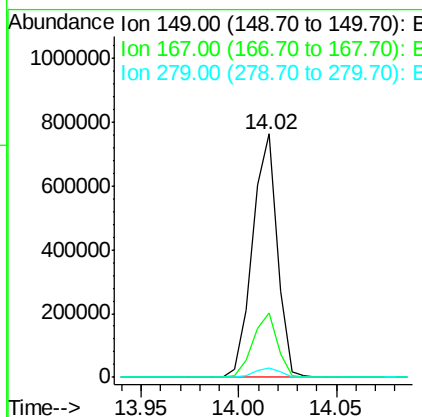
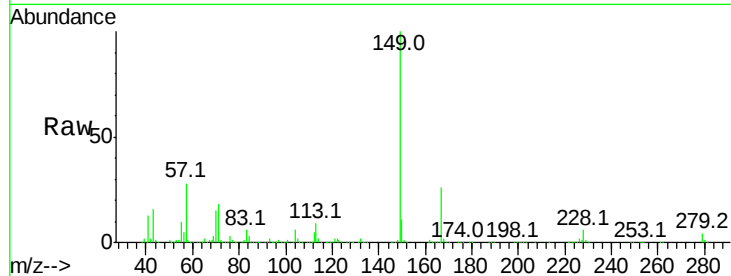
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 56.855 ng
 RT: 14.02 min Scan# 2028
 Delta R.T. -0.02 min
 Lab File: BF100628.D
 Acq: 16 Nov 2017 14:10

Instrument :
 BNA_F
 ClientSampleId :
 HR-04-111317-AMSD

Tot Ion	Ratio	Lower	Upper
149	100		
167	26.5	21.3	31.9
279	3.9	3.0	4.4

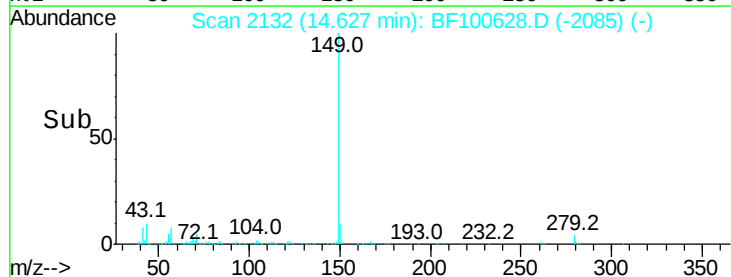
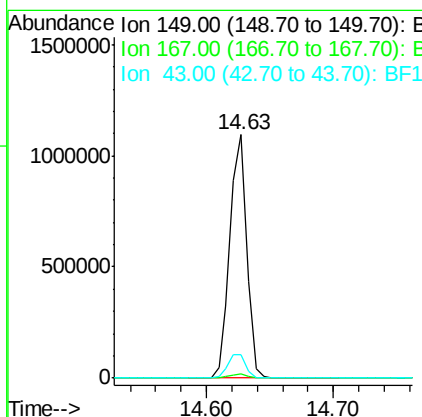
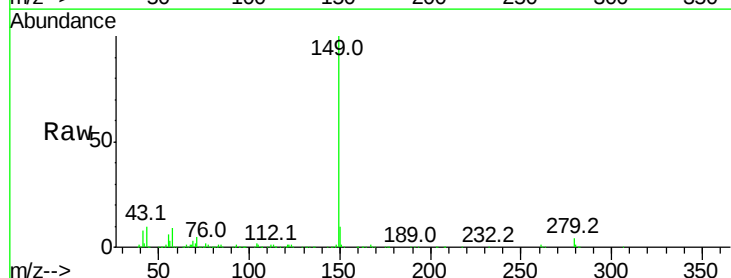
Manual Integrations
 APPROVED

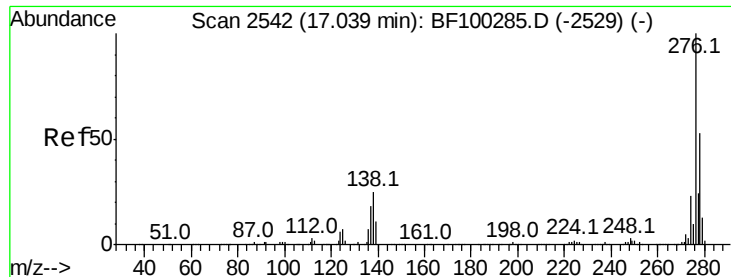
SOHIL
 11/17/2017 1:24:40 PM



#84
 Di-n-octyl phthalate
 Concen: 49.610 ng
 RT: 14.63 min Scan# 2132
 Delta R.T. -0.02 min
 Lab File: BF100628.D
 Acq: 16 Nov 2017 14:10

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.2	1.8
43	10.2	8.4	12.6





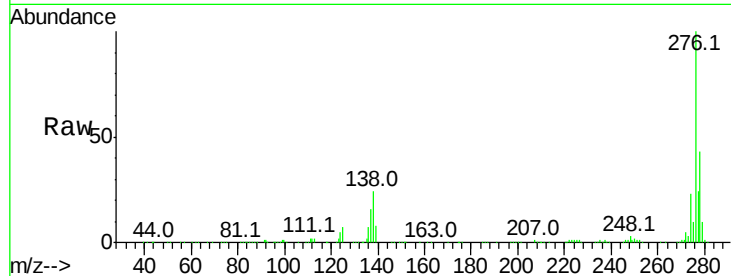
#85
Indeno(1,2,3-cd)pyrene
Concen: 54.872 ng
RT: 17.00 min Scan# 2536
Delta R.T. -0.04 min
Lab File: BF100628.D
Acq: 16 Nov 2017 14:10

Instrument :
BNA_F
ClientSampleId :
HR-04-111317-AMSD

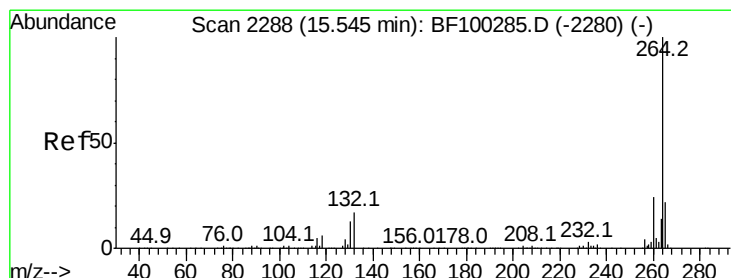
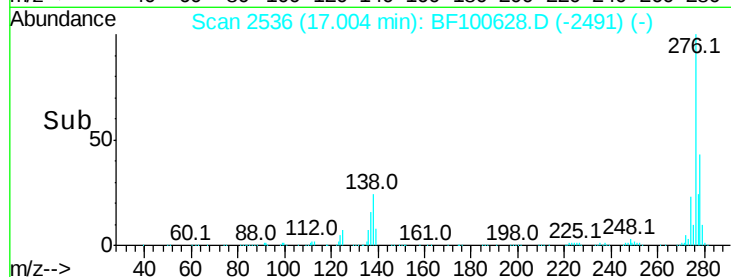
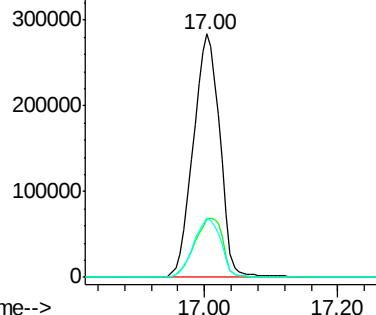
Tot Ion	Ratio	Lower	Upper
276	100		
138	26.2	25.0	37.6
277	25.2	20.1	30.1

Manual Integrations
APPROVED

SOHIL
11/17/2017 1:24:40 PM



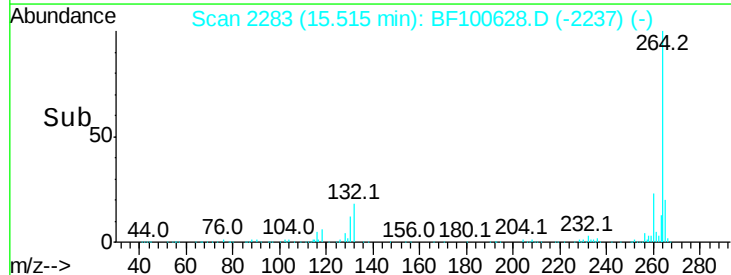
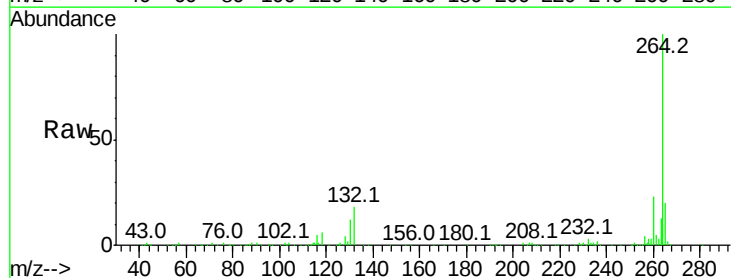
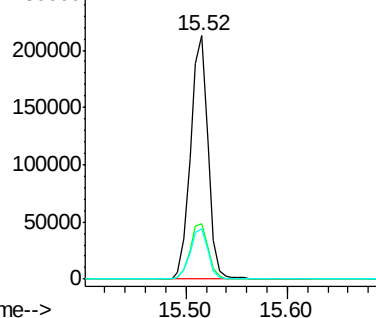
Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.52 min Scan# 2283
Delta R.T. -0.03 min
Lab File: BF100628.D
Acq: 16 Nov 2017 14:10

Tgt Ion	Ratio	Lower	Upper
264	100		
260	22.8	19.2	28.8
265	20.5	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





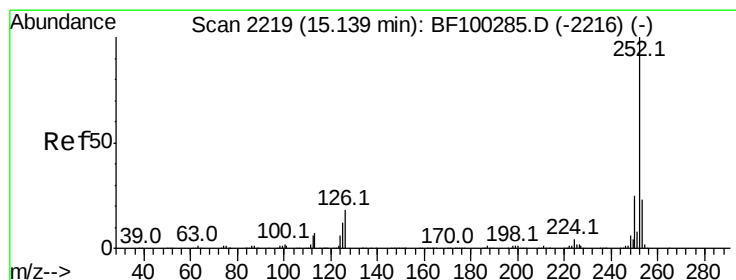
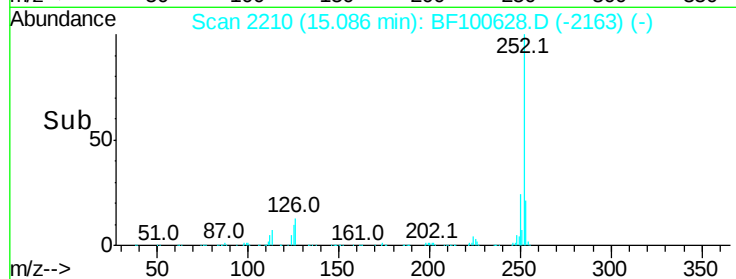
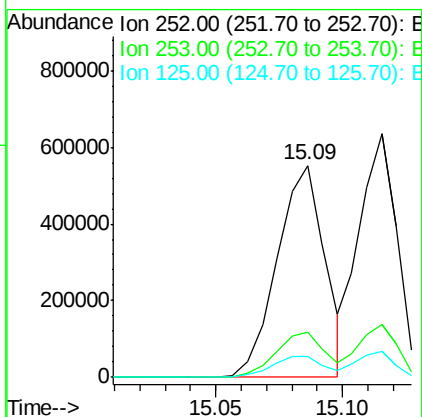
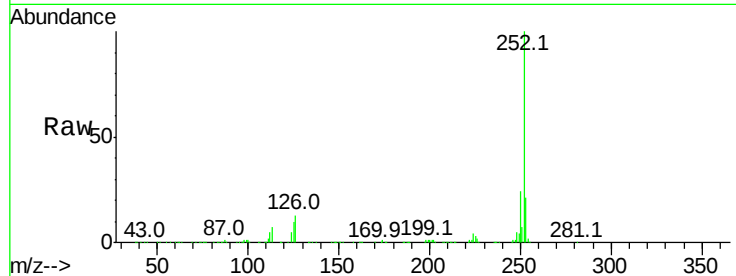
#87
Benzo(b)fluoranthene
Concen: 48.035 ng
RT: 15.09 min Scan# 2210
Delta R.T. -0.02 min
Lab File: BF100628.D
Acq: 16 Nov 2017 14:10

Instrument :
BNA_F
ClientSampleId :
HR-04-111317-AMSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.2	17.0	25.6
125	9.8	9.0	13.6

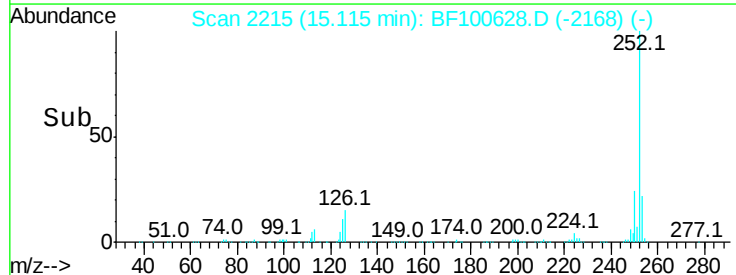
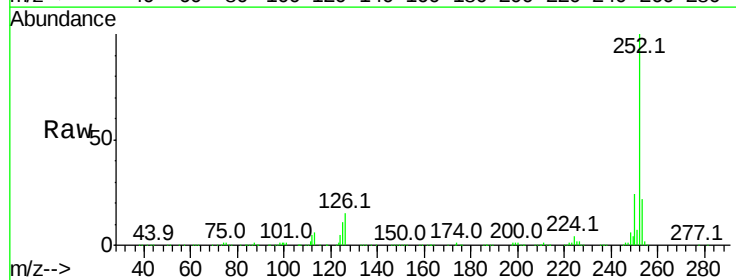
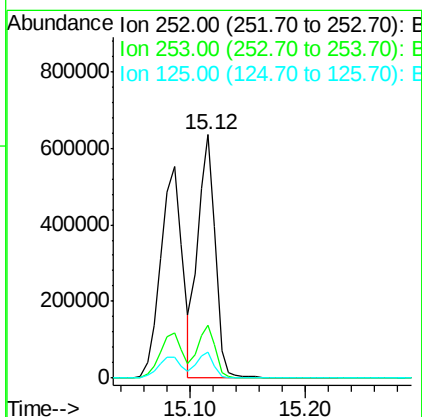
Manual Integrations
APPROVED

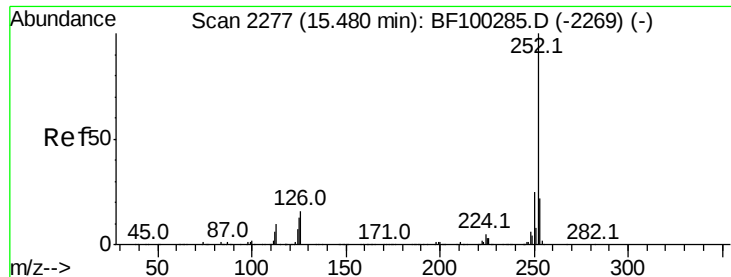
SOHIL
11/17/2017 1:24:40 PM



#88
Benzo(k)fluoranthene
Concen: 47.383 ng
RT: 15.12 min Scan# 2215
Delta R.T. -0.02 min
Lab File: BF100628.D
Acq: 16 Nov 2017 14:10

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.9	26.9
125	10.7	10.2	15.2





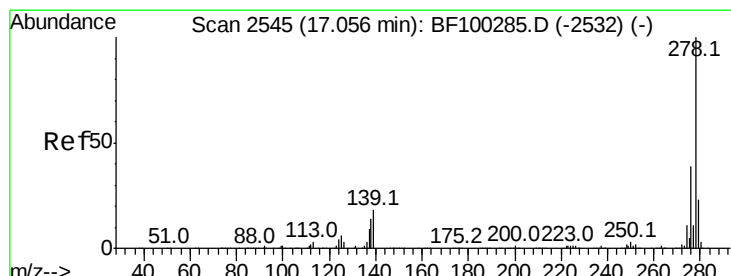
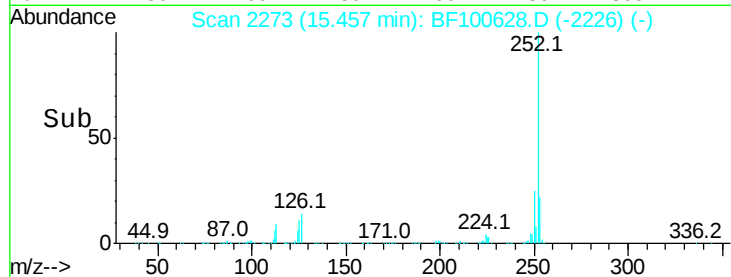
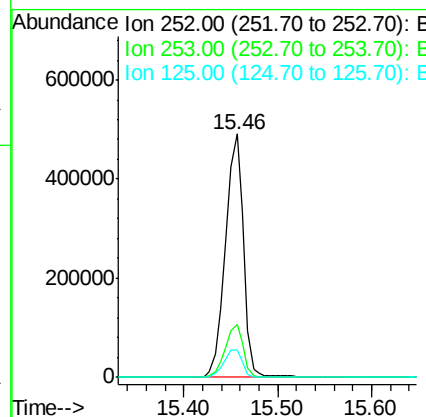
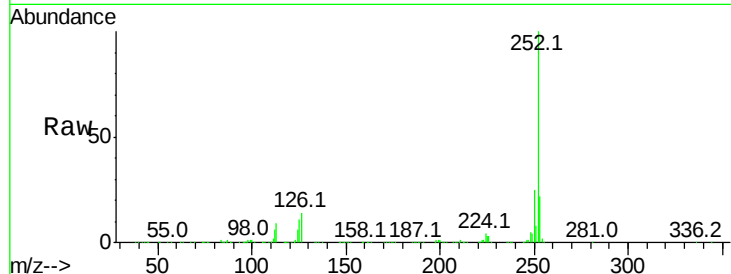
#89
Benzo(a)pyrene
Concen: 49.609 ng
RT: 15.46 min Scan# 2273
Delta R.T. -0.02 min
Lab File: BF100628.D
Acq: 16 Nov 2017 14:10

Instrument :
BNA_F
ClientSampleId :
HR-04-111317-AMSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.6	17.1	25.7
125	11.4	9.8	14.6

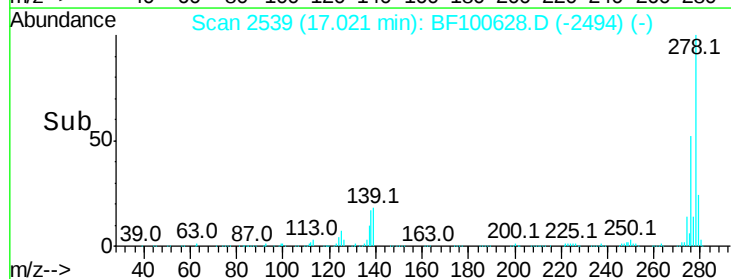
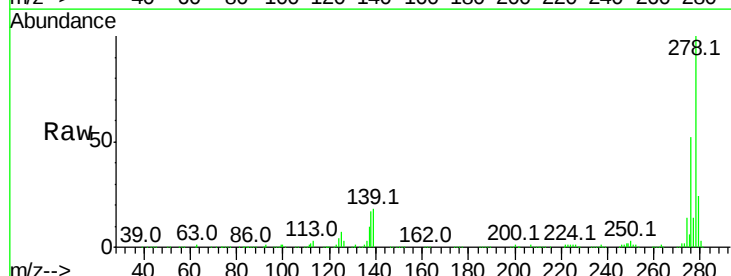
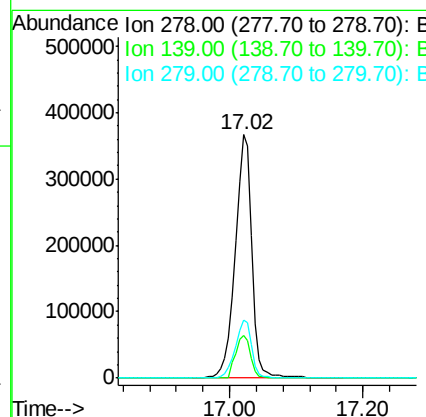
Manual Integrations
APPROVED

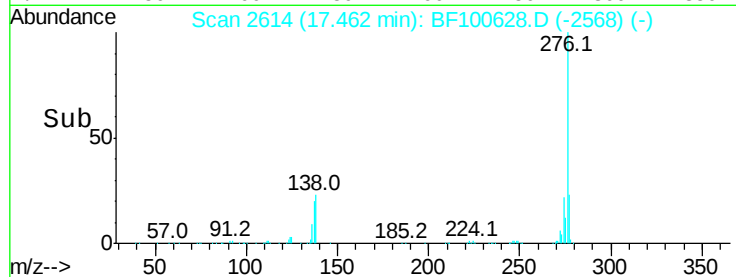
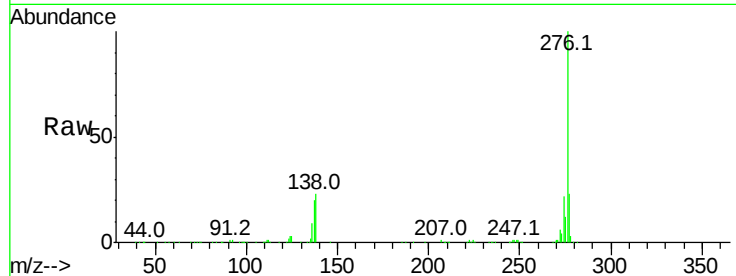
SOHIL
11/17/2017 1:24:40 PM



#90
Dibenzo(a,h)anthracene
Concen: 59.665 ng
RT: 17.02 min Scan# 2539
Delta R.T. -0.04 min
Lab File: BF100628.D
Acq: 16 Nov 2017 14:10

Tgt Ion	Ratio	Lower	Upper
278	100		
139	17.7	15.9	23.9
279	24.0	19.0	28.4





#91

Benzo(a,h,i)perylene

Concen: 65.622 ng

RT: 17.46 min Scan# 2614

Delta R.T. -0.03 min

Lab File: BF100628.D

Acq: 16 Nov 2017 14:10

Instrument :

BNA_F

ClientSampleId :

HR-04-111317-AMSD

Tot Ion:	276	Resp:	699550
Ion Ratio	Lower	Upper	
276	100		
277	23.4	17.9	26.9
138	22.9	21.8	32.8

Manual Integrations
APPROVED

SOHIL
11/17/2017 1:24:40 PM

