

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF012918\
 Data File : BF102615.D
 Acq On : 29 Jan 2018 23:32
 Operator : SJ/JU
 Sample : J1311-13
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 23318

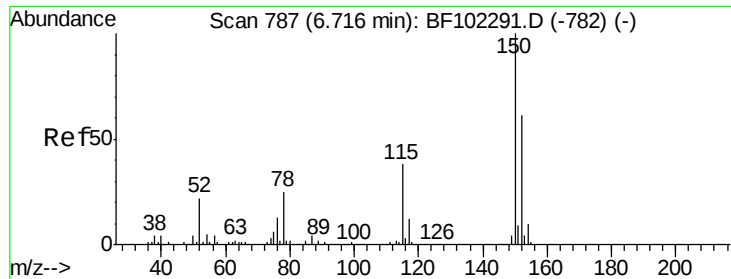
Manual Integrations
 APPROVED

Sohil
 1/30/2018 3:38:33 PM

Quant Time: Jan 30 08:11:39 2018
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF012218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Jan 27 20:48:40 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	122289	20.00	ng	0.00
21) Naphthalene-d8	8.02	136	120421	20.00	ng	0.02
38) Acenaphthene-d10	9.83	164	85889	20.00	ng	0.08
63) Phenanthrene-d10	11.32	188	127193	20.00	ng	0.08
75) Chrysene-d12	13.90	240	256586	20.00	ng	0.02
86) Perylene-d12	15.32	264	308588	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	1329069	164.79	ng	0.00
7) Phenol-d6	6.37	99	1291014	132.78	ng	0.00
23) Nitrobenzene-d5	7.30	82	688494	328.56	ng	0.01
41) 2,4,6-Tribromophenol	10.62	330	97736	114.84	ng	0.08
44) 2-Fluorobiphenyl	9.14	172	544223	93.17	ng	0.06
78) Terphenyl-d14	12.87	244	716539	62.95	ng	0.05
Target Compounds						
37) 2-Methylnaphthalene	8.80	142	780664	194.965	ng	Qvalue # 86
45) 1,1'-Biphenyl	9.23	154	153894	20.039	ng	95
73) Di-n-butylphthalate	11.85	149	218265	23.659	ng	# 88
74) Fluoranthene	12.47	202	34365m	4.547	ng	
77) Pyrene	12.76	202	179022	9.024	ng	# 86
83) Bis(2-ethylhexyl)phthalate	13.86	149	216757	16.337	ng	97
84) Di-n-octyl phthalate	14.50	149	72704	3.370	ng	# 38

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



#1

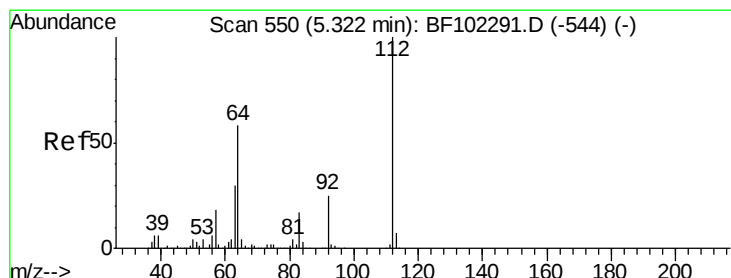
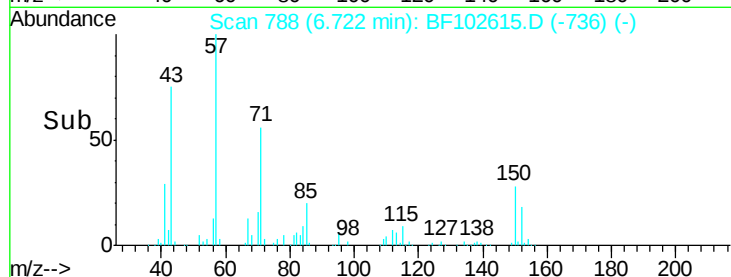
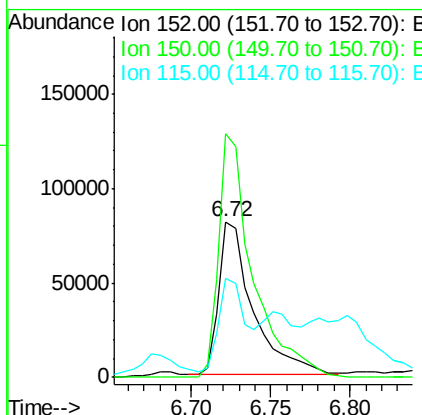
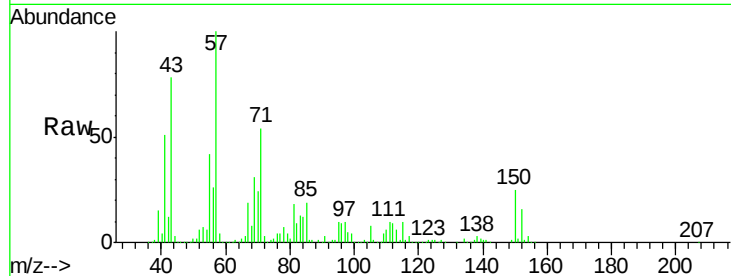
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 788
Delta R.T. 0.01 min
Lab File: BF102615.D
Acq: 29 Jan 2018 23:32

Instrument :
BNA_F
ClientSampleId :
23318

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	122289		
150	156.7	124.6	186.8	
115	63.4	50.1	75.1	

Manual Integrations
APPROVED

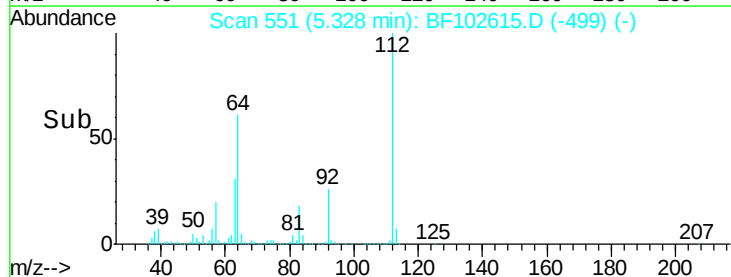
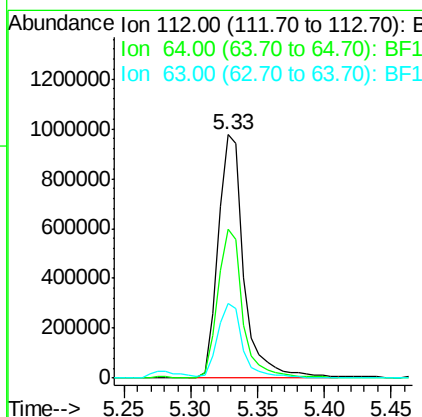
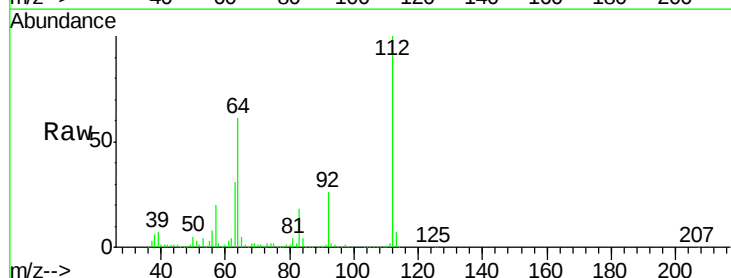
Sohil
1/30/2018 3:38:33 PM

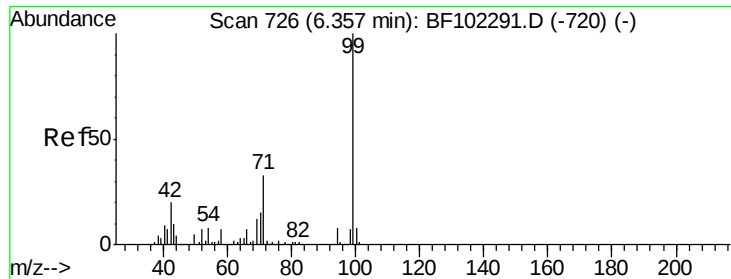


#5

2-Fluorophenol
Concen: 164.791 ng
RT: 5.33 min Scan# 551
Delta R.T. 0.01 min
Lab File: BF102615.D
Acq: 29 Jan 2018 23:32

Tgt Ion	Ratio	Resp	Lower	Upper
112	100	1329069		
64	61.2	47.9	71.9	
63	30.7	23.7	35.5	





#7

Phenol-d6

Concen: 132.775 ng

RT: 6.37 min Scan# 728

Delta R.T. 0.01 min

Lab File: BF102615.D

Acq: 29 Jan 2018 23:32

Instrument :

BNA_F

ClientSampled :

23318

Tgt Ion: 99 Resp: 1291014

Ion Ratio Lower Upper

99 100

42 21.3 14.5 21.7

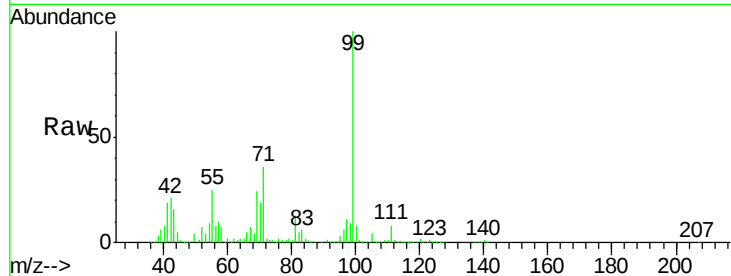
71 36.5 25.4 38.0

Manual Integrations

APPROVED

Sohil

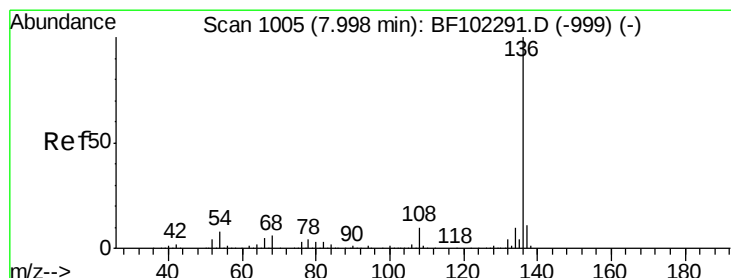
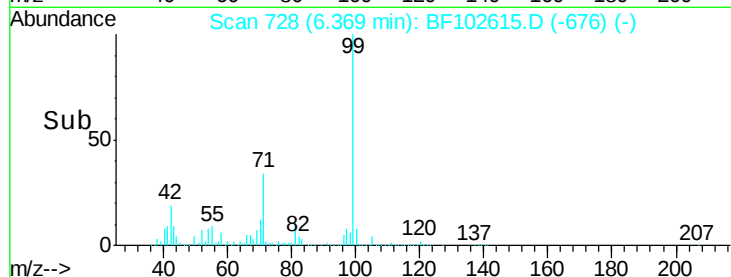
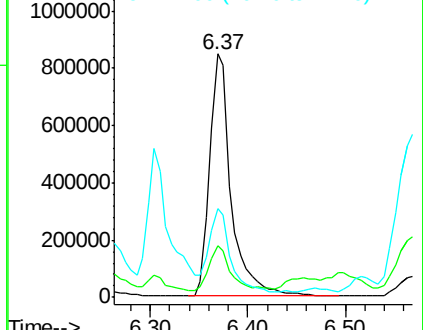
1/30/2018 3:38:33 PM



Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.02 min Scan# 1009

Delta R.T. 0.02 min

Lab File: BF102615.D

Acq: 29 Jan 2018 23:32

Tgt Ion: 136 Resp: 120421

Ion Ratio Lower Upper

136 100

137 58.7 8.9 13.3#

54 126.9 6.6 9.8#

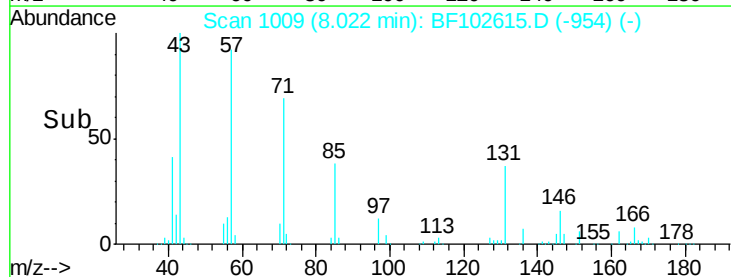
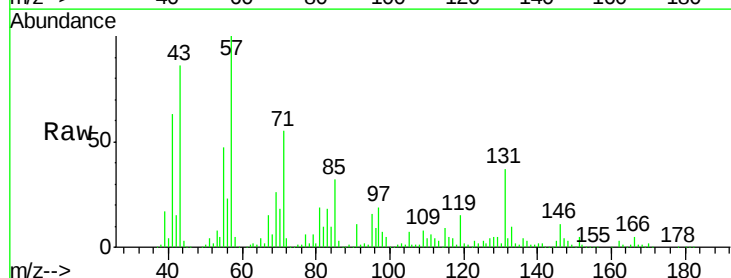
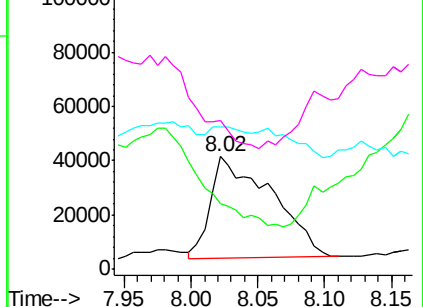
68 132.4 5.0 7.4#

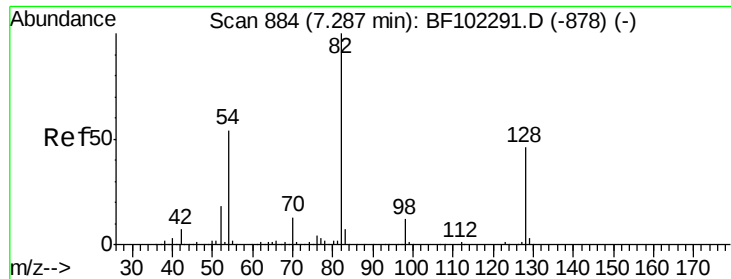
Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1





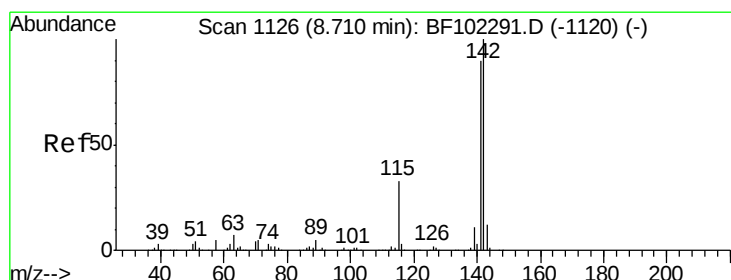
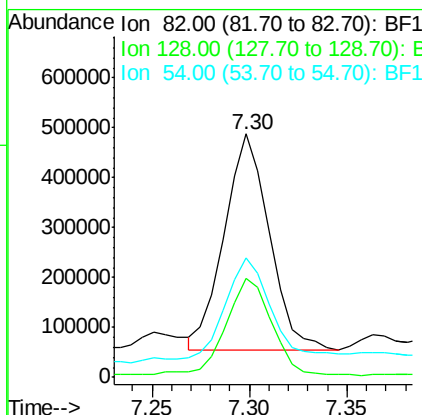
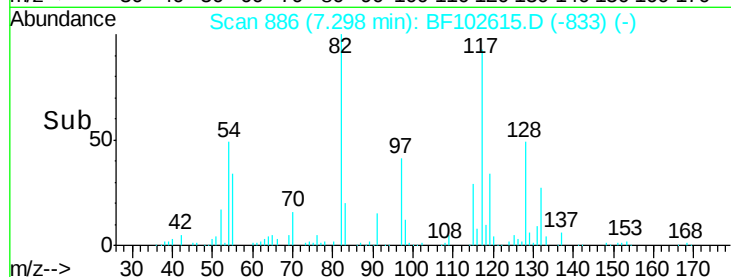
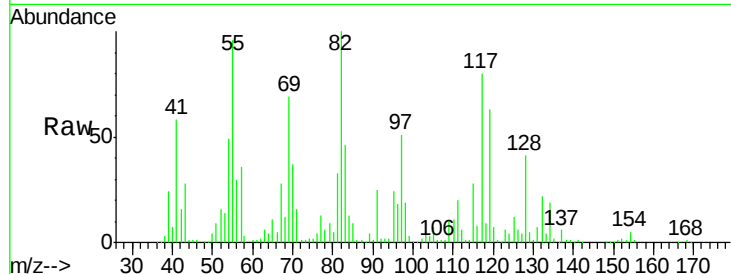
#23
Nitrobenzene-d5
Concen: 328.561 ng
RT: 7.30 min Scan# 886
Delta R.T. 0.01 min
Lab File: BF102615.D
Acq: 29 Jan 2018 23:32

Instrument :
BNA_F
ClientSampled :
23318

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	688494		
128	40.7	36.1	54.1	
54	49.2	41.4	62.2	

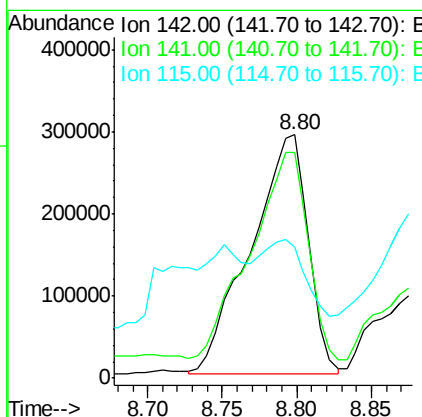
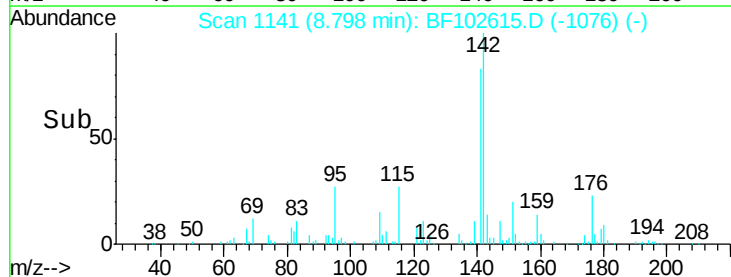
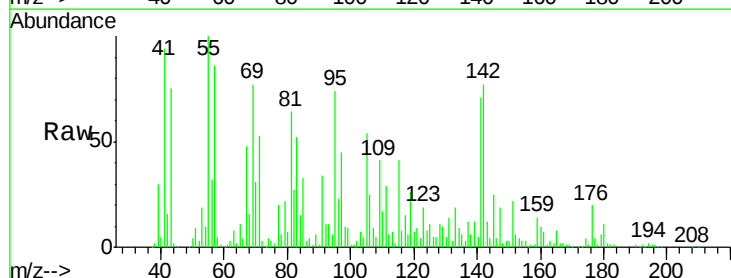
Manual Integrations
APPROVED

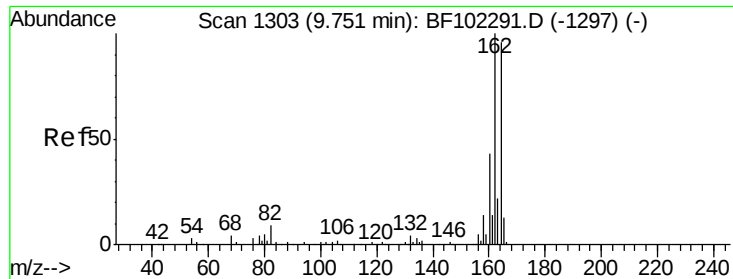
Sohil
1/30/2018 3:38:33 PM



#37
2-Methylnaphthalene
Concen: 194.965 ng
RT: 8.80 min Scan# 1141
Delta R.T. 0.08 min
Lab File: BF102615.D
Acq: 29 Jan 2018 23:32

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	780664		
141	92.9	70.8	106.2	
115	53.7	26.1	39.1#	





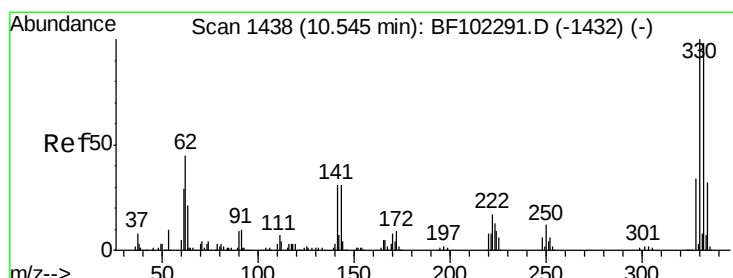
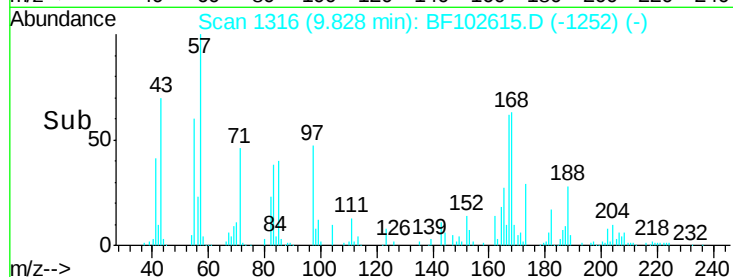
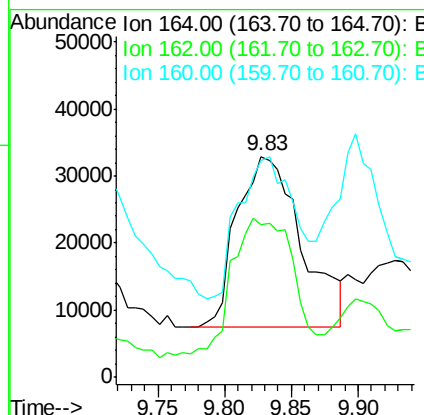
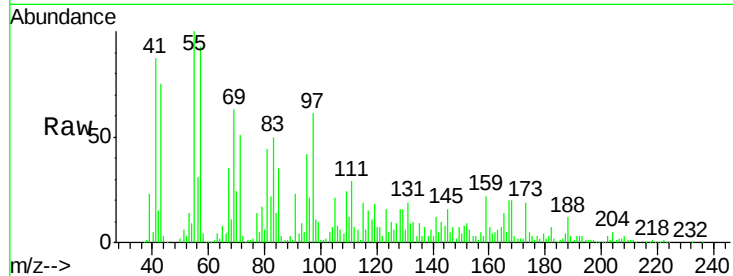
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.83 min Scan# 1316
Delta R.T. 0.08 min
Lab File: BF102615.D
Acq: 29 Jan 2018 23:32

Instrument :
BNA_F
ClientSampled :
23318

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	85889		
162	69.4	86.1	129.1#	
160	98.2	38.3	57.5#	

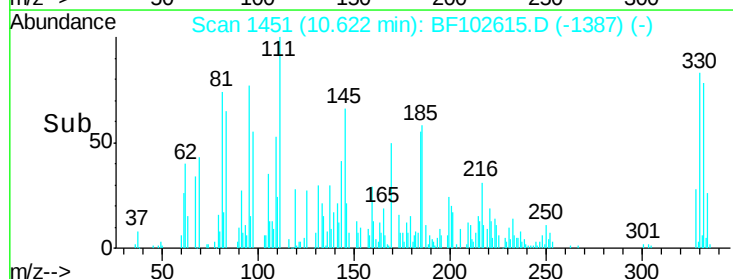
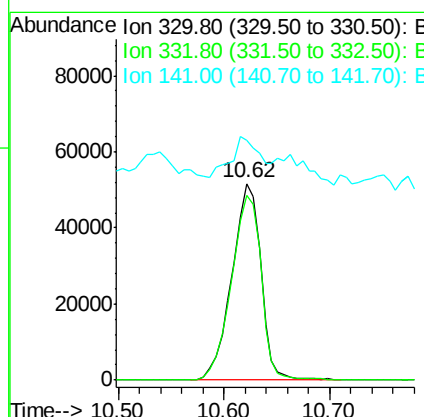
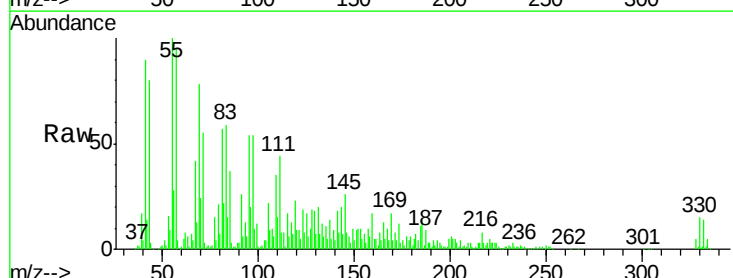
Manual Integrations
APPROVED

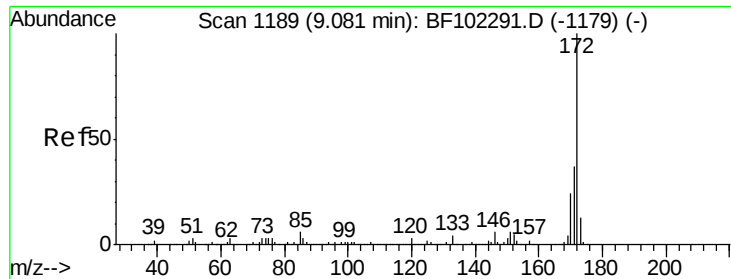
Sohil
1/30/2018 3:38:33 PM



#41
2,4,6-Tribromophenol
Concen: 114.843 ng
RT: 10.62 min Scan# 1451
Delta R.T. 0.08 min
Lab File: BF102615.D
Acq: 29 Jan 2018 23:32

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	97736		
332	96.0	77.0	115.6	
141	20.7	29.9	44.9#	





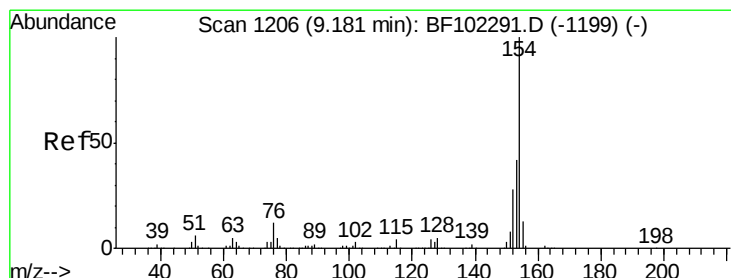
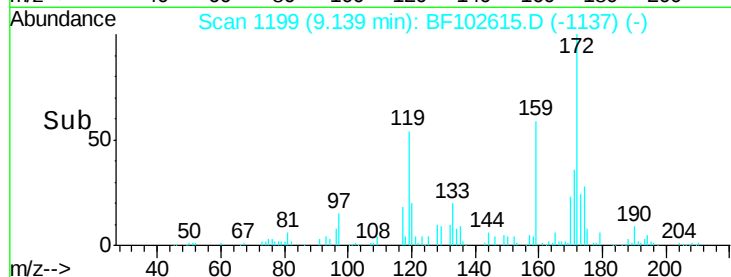
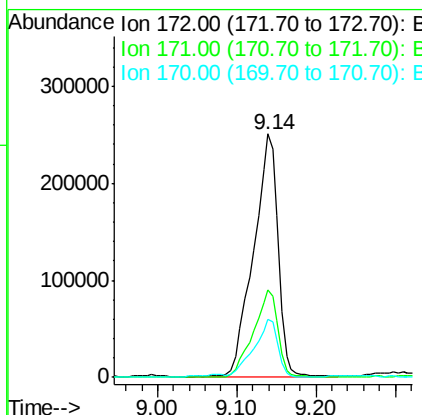
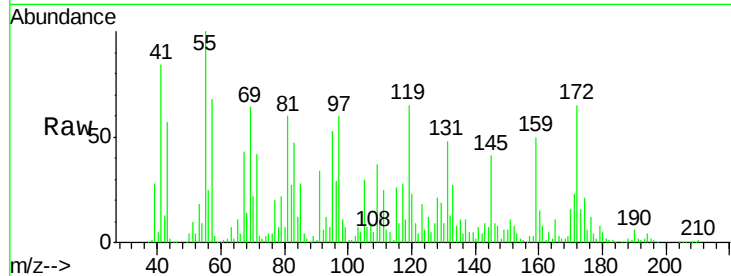
#44
2-Fluorobiphenyl
Concen: 93.167 ng
RT: 9.14 min Scan# 1199
Delta R.T. 0.06 min
Lab File: BF102615.D
Acq: 29 Jan 2018 23:32

Instrument :
BNA_F
ClientSampled :
23318

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.8	29.7	44.5
170	23.8	19.6	29.4

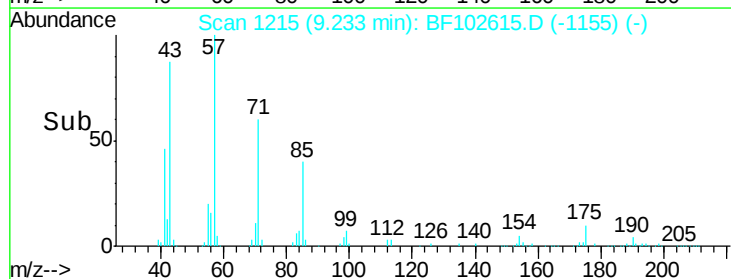
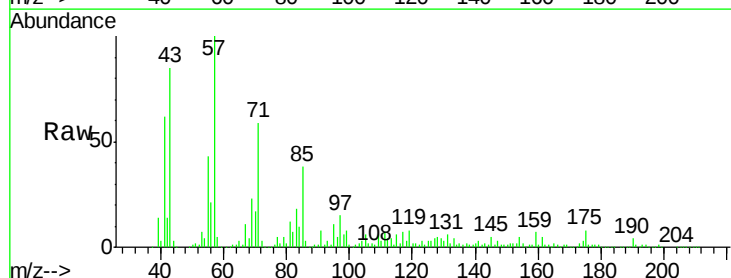
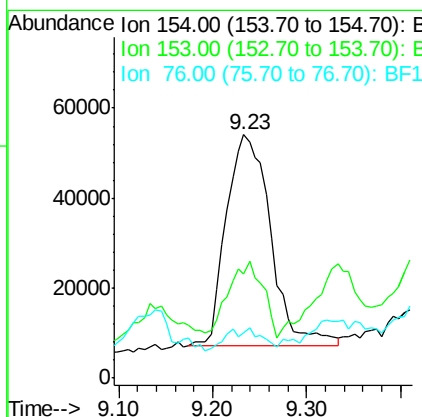
Manual Integrations
APPROVED

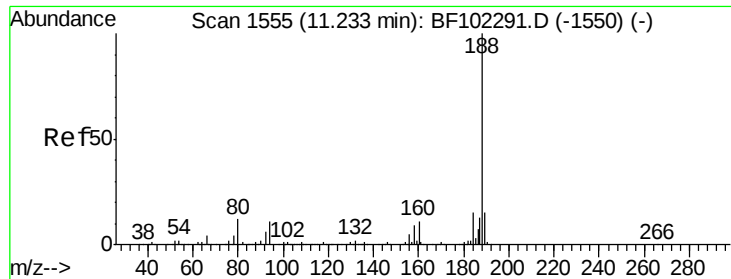
Sohil
1/30/2018 3:38:33 PM



#45
1,1'-Biphenyl
Concen: 20.039 ng
RT: 9.23 min Scan# 1215
Delta R.T. 0.05 min
Lab File: BF102615.D
Acq: 29 Jan 2018 23:32

Tgt Ion	Ratio	Lower	Upper
154	100		
153	42.9	21.3	61.3
76	18.8	0.0	34.0





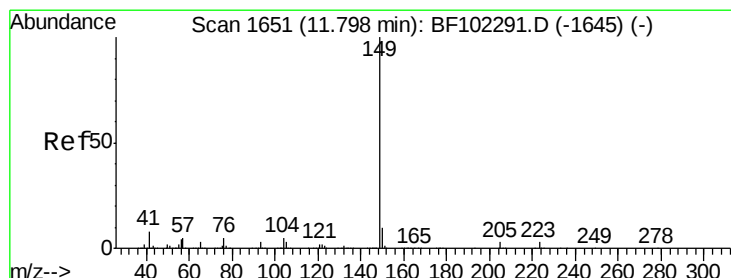
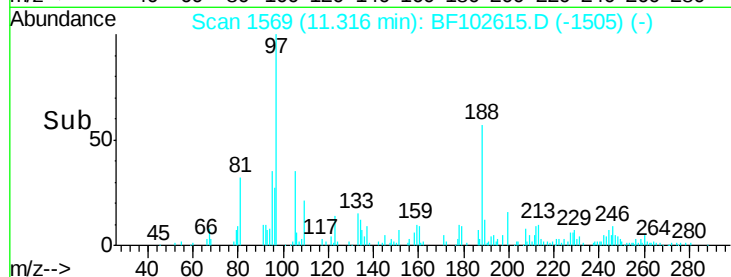
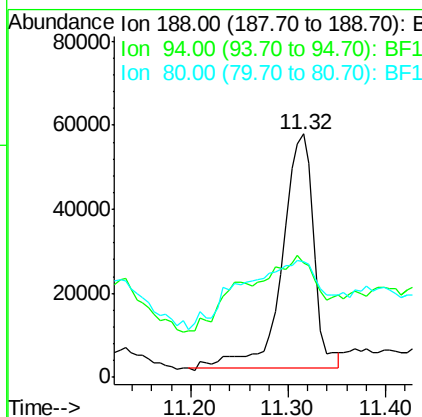
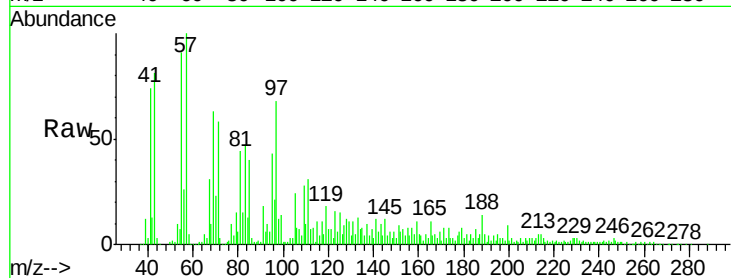
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.32 min Scan# 1569
Delta R.T. 0.08 min
Lab File: BF102615.D
Acq: 29 Jan 2018 23:32

Instrument :
BNA_F
ClientSampled :
23318

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	127193		
94	46.8	8.5	12.7#	
80	47.7	9.2	13.8#	

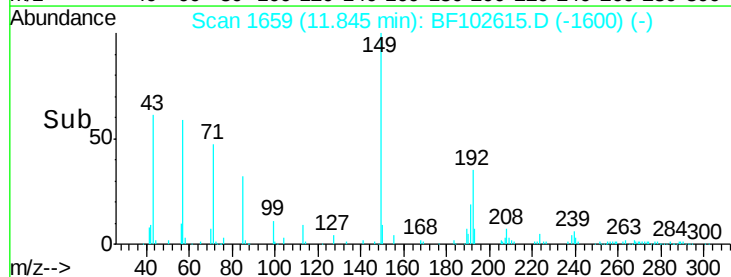
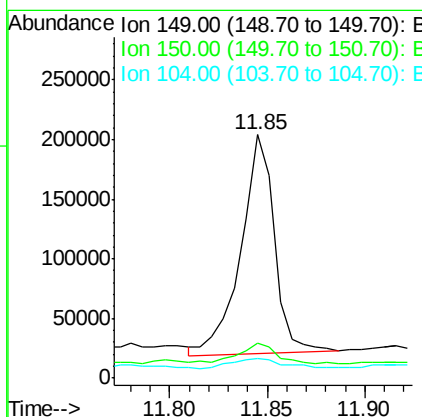
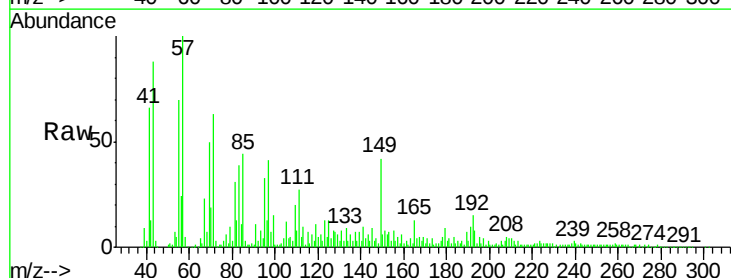
Manual Integrations
APPROVED

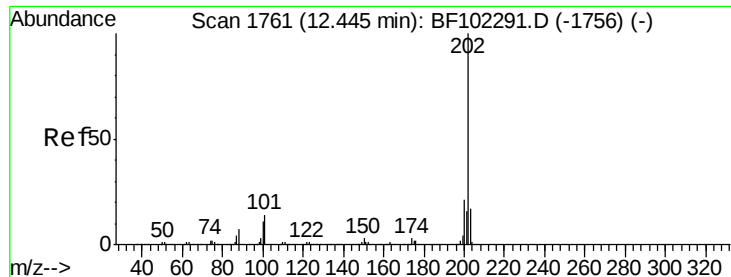
Sohil
1/30/2018 3:38:33 PM



#73
Di-n-butylphthalate
Concen: 23.659 ng
RT: 11.85 min Scan# 1659
Delta R.T. 0.05 min
Lab File: BF102615.D
Acq: 29 Jan 2018 23:32

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	218265		
150	14.1	7.8	11.6#	
104	8.3	3.8	5.8#	





#74

Fluoranthene

Concen: 4.547 ng m

RT: 12.47 min Scan# 1765

Delta R.T. 0.02 min

Lab File: BF102615.D

Acq: 29 Jan 2018 23:32

Instrument :

BNA_F

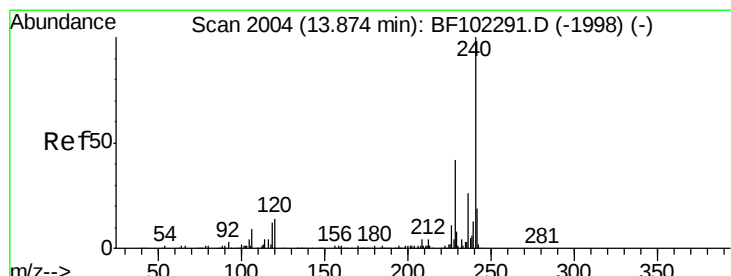
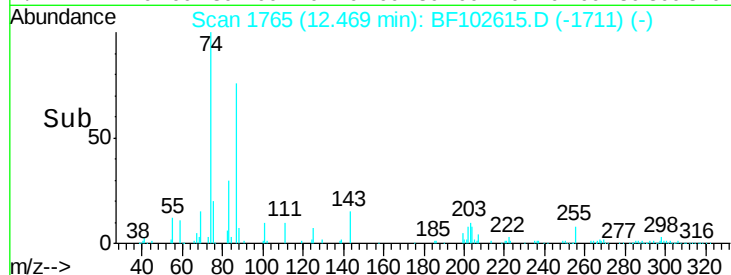
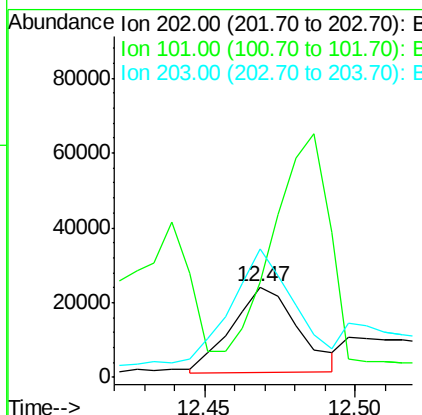
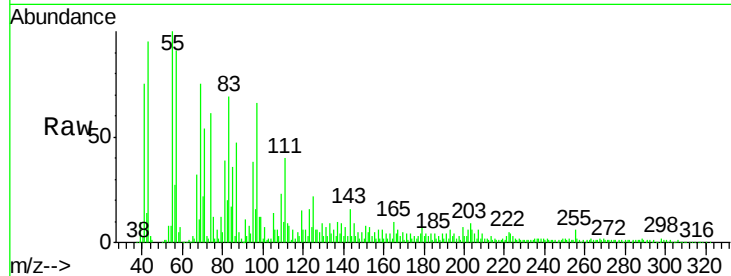
ClientSampleId :

23318

Tgt Ion:	202	Resp:	34365
Ion Ratio	Lower	Upper	
202	100		
101	105.1	0.0	34.1#
203	142.8	0.0	38.1#

Manual Integrations
APPROVED

Sohil
1/30/2018 3:38:33 PM



#75

Chrysene-d12

Concen: 20.000 ng

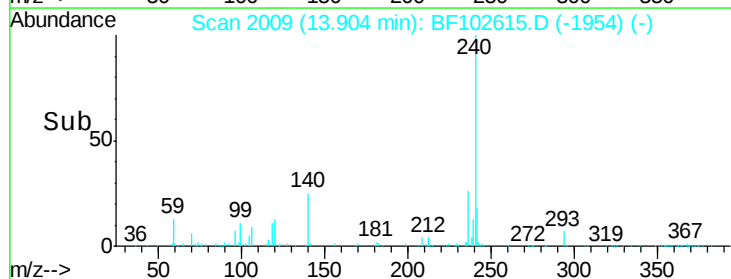
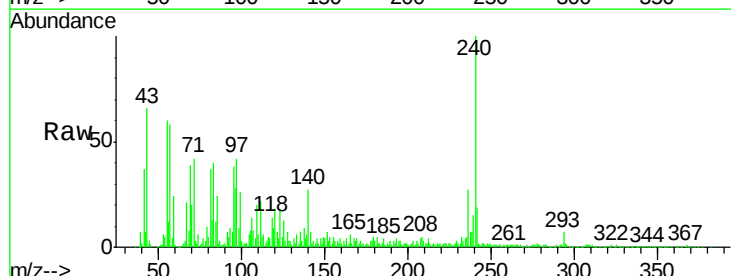
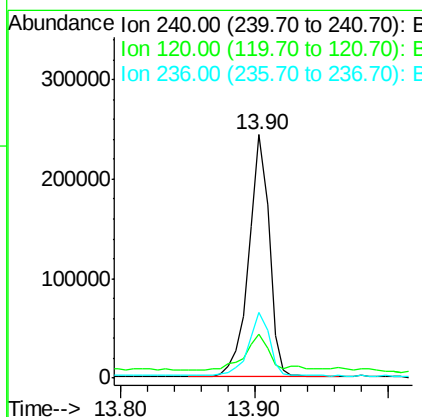
RT: 13.90 min Scan# 2009

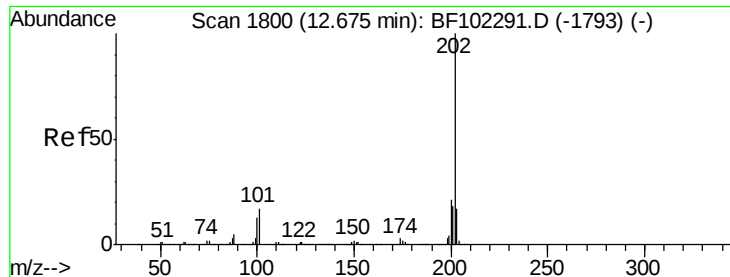
Delta R.T. 0.02 min

Lab File: BF102615.D

Acq: 29 Jan 2018 23:32

Tgt Ion:	240	Resp:	256586
Ion Ratio	Lower	Upper	
240	100		
120	18.1	9.5	14.3#
236	27.2	20.7	31.1





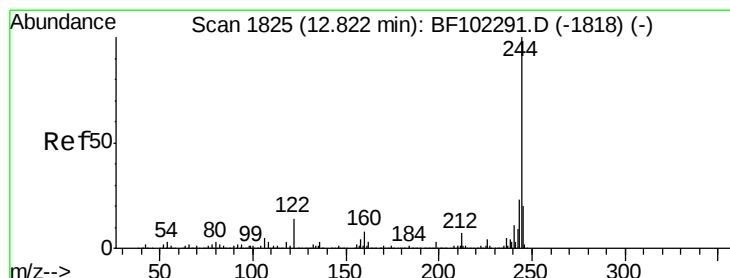
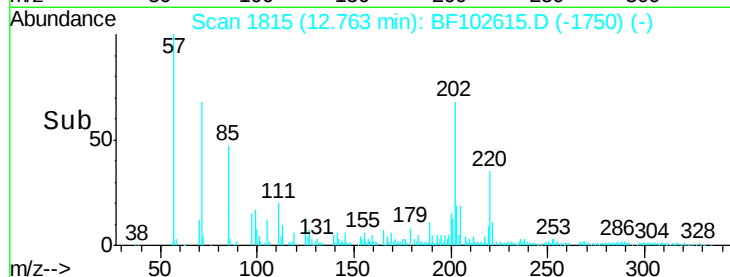
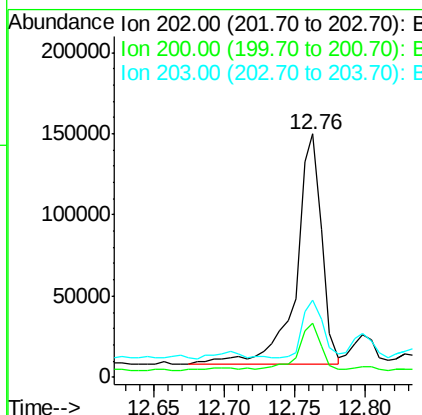
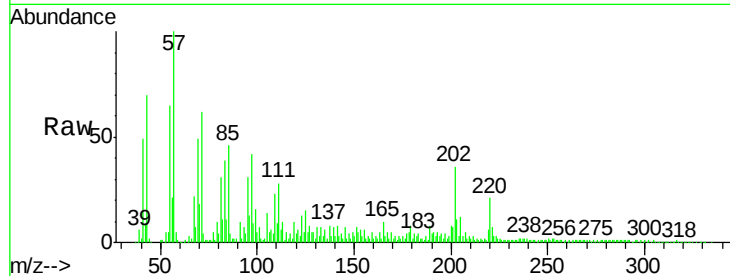
#77
 Pyrene
 Concen: 9.024 ng
 RT: 12.76 min Scan# 1815
 Delta R.T. 0.08 min
 Lab File: BF102615.D
 Acq: 29 Jan 2018 23:32

Instrument :
 BNA_F
 ClientSampleId :
 23318

Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
200	22.1	17.4	26.2
203	31.5	14.3	21.5#

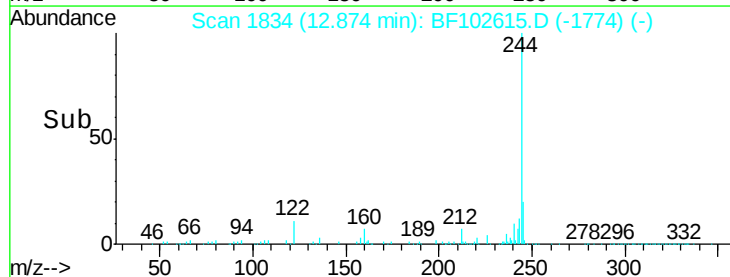
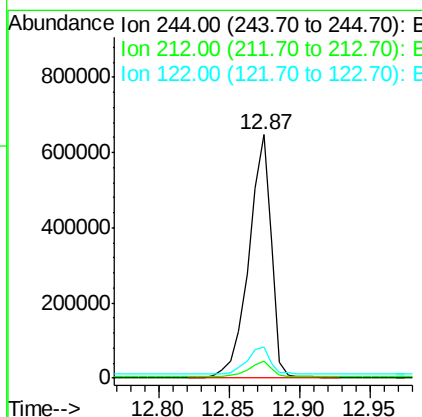
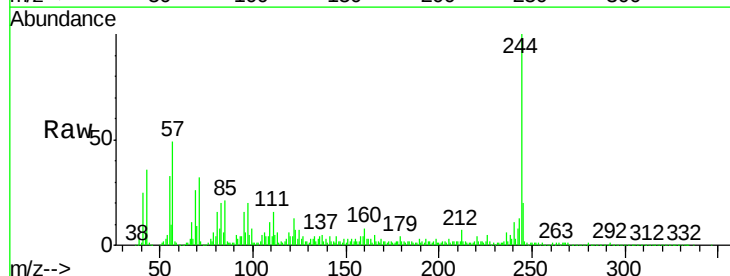
Manual Integrations
 APPROVED

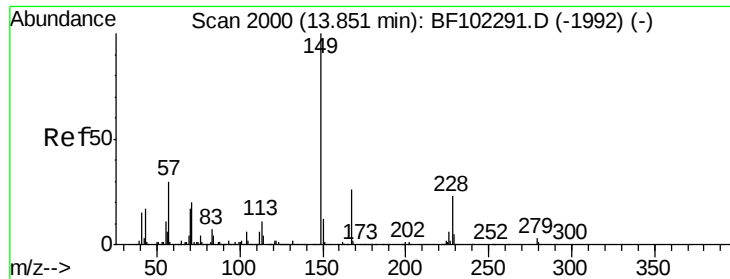
Sohil
 1/30/2018 3:38:33 PM



#78
 Terphenyl-d14
 Concen: 62.955 ng
 RT: 12.87 min Scan# 1834
 Delta R.T. 0.05 min
 Lab File: BF102615.D
 Acq: 29 Jan 2018 23:32

Tgt Ion	Ratio	Resp Lower	Resp Upper
244	100		
212	7.2	5.4	8.0
122	12.8	11.0	16.4





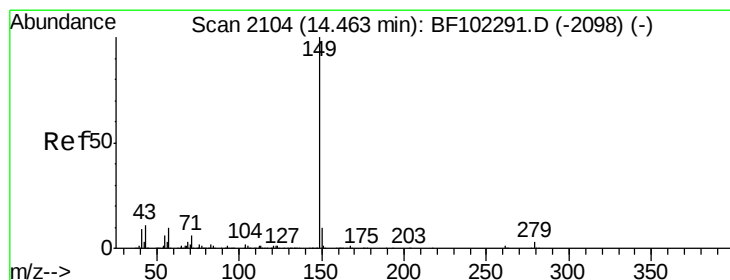
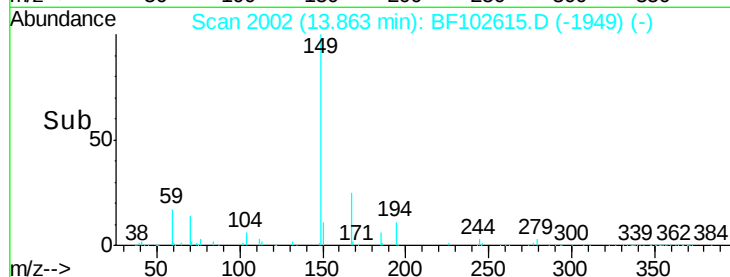
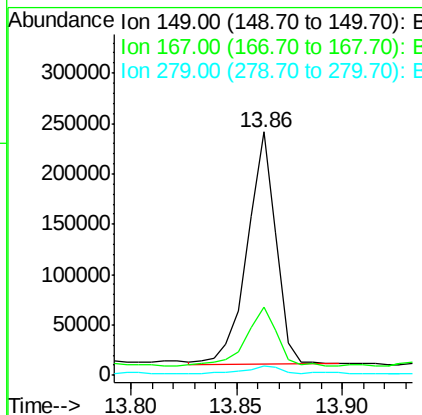
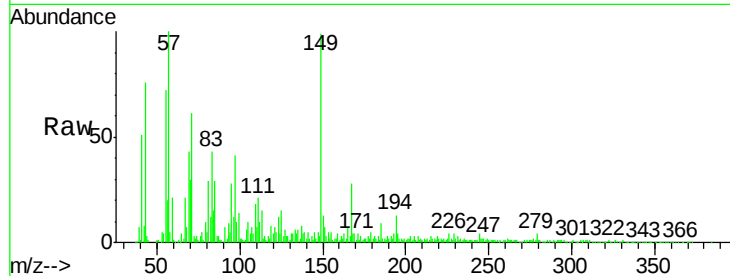
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 16.337 ng
 RT: 13.86 min Scan# 2002
 Delta R.T. 0.01 min
 Lab File: BF102615.D
 Acq: 29 Jan 2018 23:32

Instrument :
 BNA_F
 ClientSampleId :
 23318

Tgt Ion	Ratio	Lower	Upper
149	100		
167	28.3	21.3	31.9
279	3.8	3.0	4.4

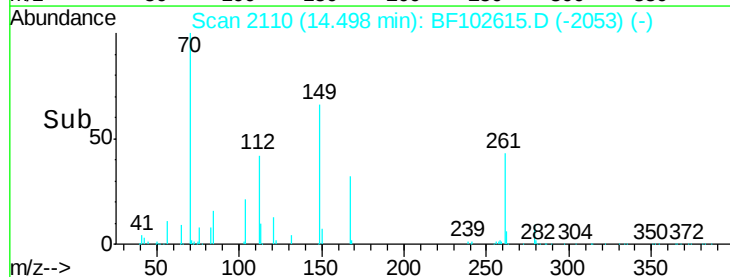
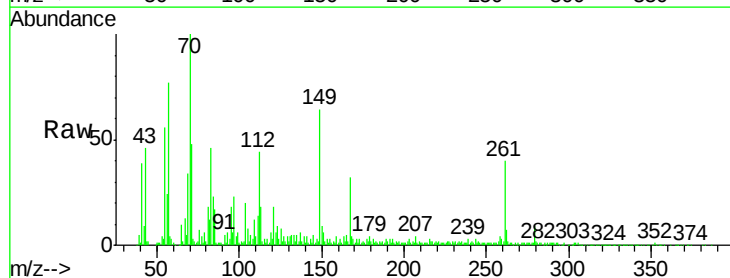
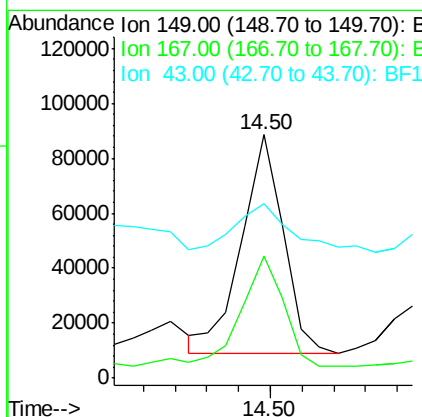
Manual Integrations
 APPROVED

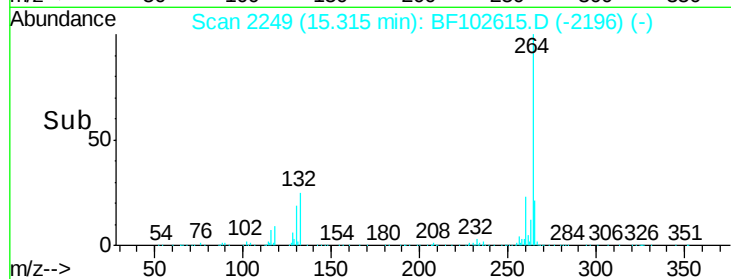
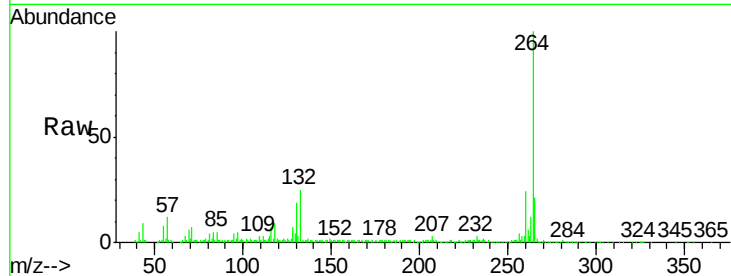
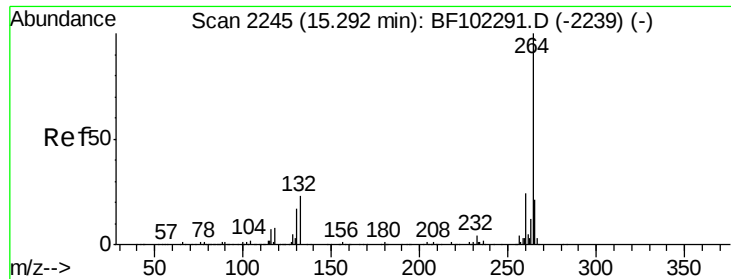
Sohil
 1/30/2018 3:38:33 PM



#84
 Di-n-octyl phthalate
 Concen: 3.370 ng
 RT: 14.50 min Scan# 2110
 Delta R.T. 0.04 min
 Lab File: BF102615.D
 Acq: 29 Jan 2018 23:32

Tgt Ion	Ratio	Lower	Upper
149	100		
167	54.8	1.2	1.8#
43	29.4	8.4	12.6#





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.32 min Scan# 2249
Delta R.T. 0.01 min
Lab File: BF102615.D
Acq: 29 Jan 2018 23:32

Instrument :
BNA_F
ClientSampleId :
23318

Tgt Ion	Ratio	Resp Lower	Resp Upper
264	100		
260	23.6	19.2	28.8
265	21.4	17.5	26.3

Manual Integrations
APPROVED

Sohil
1/30/2018 3:38:33 PM

