

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF012718\
 Data File : BF102533.D
 Acq On : 28 Jan 2018 1:38
 Operator : SJ/JU
 Sample : J1326-01
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RO200030

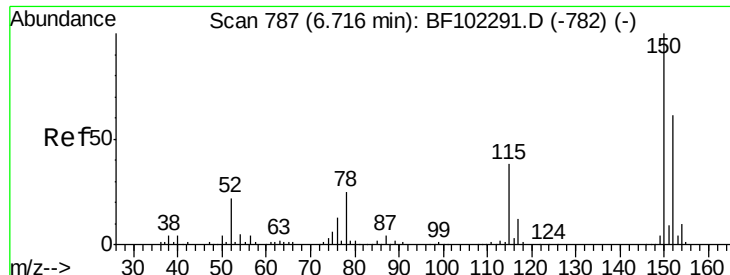
Manual Integrations
 APPROVED

Sohil
 1/29/2018 5:45:01 PM

Quant Time: Jan 28 02:48:58 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	114475	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	386736	20.00	ng	0.00
38) Acenaphthene-d10	9.78	164	98263	20.00	ng	0.03
63) Phenanthrene-d10	11.23	188	1636	20.00	ng	0.00
75) Chrysene-d12	13.90	240	221408	20.00	ng	0.02
86) Perylene-d12	15.31	264	213170	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	922968	122.25	ng	0.00
7) Phenol-d6	6.36	99	1062556	116.74	ng	0.00
23) Nitrobenzene-d5	7.28	82	592010	87.97	ng	0.00
41) 2,4,6-Tribromophenol	10.59	330	60420	62.06	ng	0.05
44) 2-Fluorobiphenyl	9.08	172	825841	123.57	ng	0.00
78) Terphenyl-d14	12.90	244	295076	30.04	ng	0.08
Target Compounds						
10) Phenol	6.37	94	47645	4.795	ng	97
45) 1,1'-Biphenyl	9.18	154	92033	10.475	ng	90

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



#1

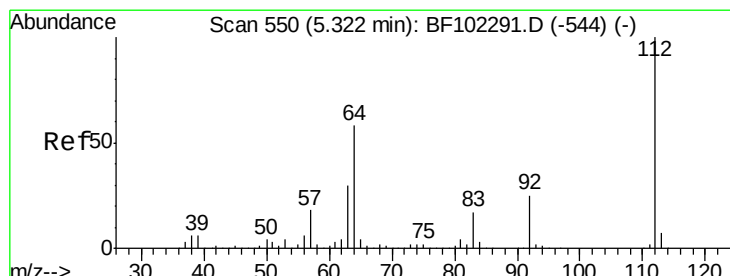
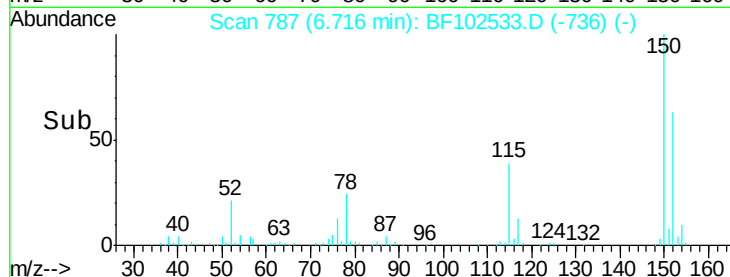
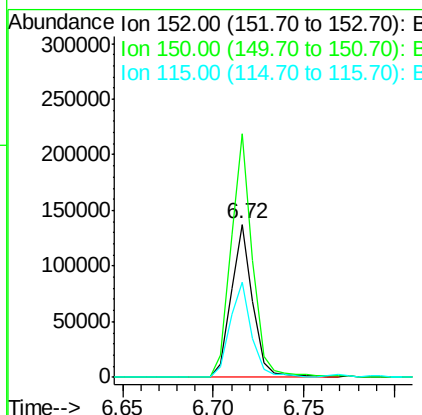
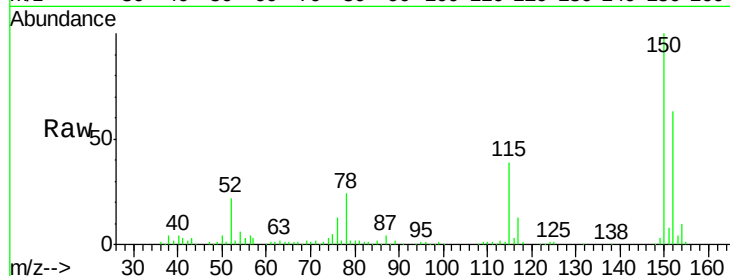
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 787
Delta R.T. -0.00 min
Lab File: BF102533.D
Acq: 28 Jan 2018 1:38

Instrument :
BNA_F
ClientSampleID :
RO200030

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	114475		
150	159.1	124.6	186.8	
115	62.3	50.1	75.1	

Manual Integrations
APPROVED

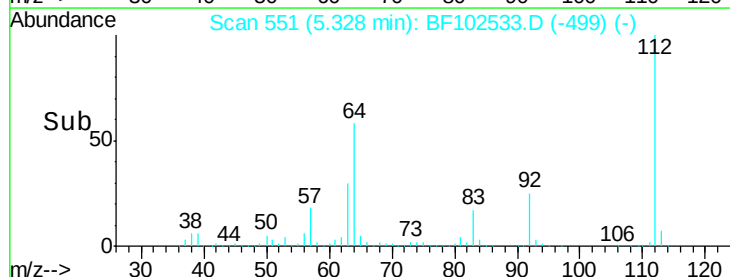
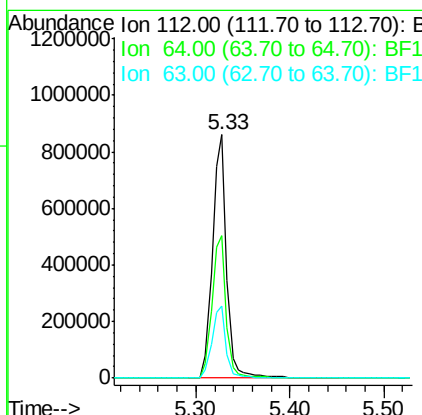
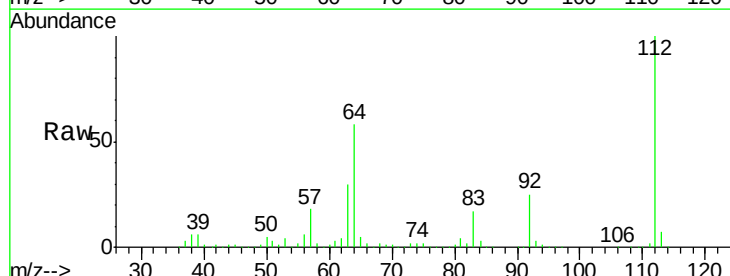
Sohil
1/29/2018 5:45:01 PM

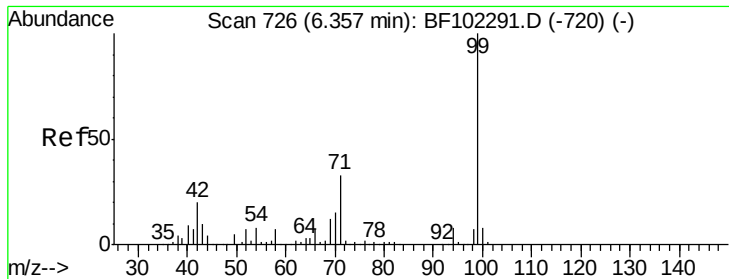


#5

2-Fluorophenol
Concen: 122.250 ng
RT: 5.33 min Scan# 551
Delta R.T. 0.01 min
Lab File: BF102533.D
Acq: 28 Jan 2018 1:38

Tgt Ion	Ratio	Resp	Lower	Upper
112	100	922968		
64	58.5	47.9	71.9	
63	29.6	23.7	35.5	





#7

Phenol-d6

Concen: 116.739 ng

RT: 6.36 min Scan# 727

Delta R.T. -0.00 min

Lab File: BF102533.D

Acq: 28 Jan 2018 1:38

Instrument :

BNA_F

ClientSampleId :

RO200030

Tgt Ion: 99 Resp: 1062556

Ion Ratio Lower Upper

99 100

42 19.7 14.5 21.7

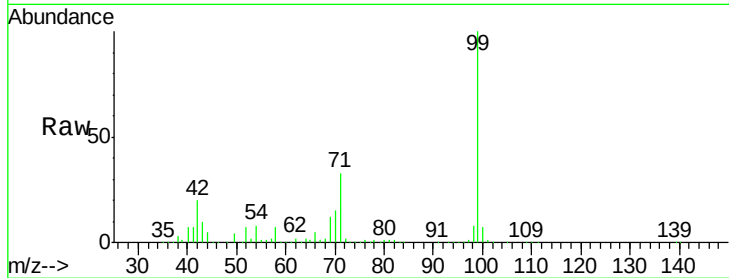
71 33.2 25.4 38.0

Manual Integrations

APPROVED

Sohil

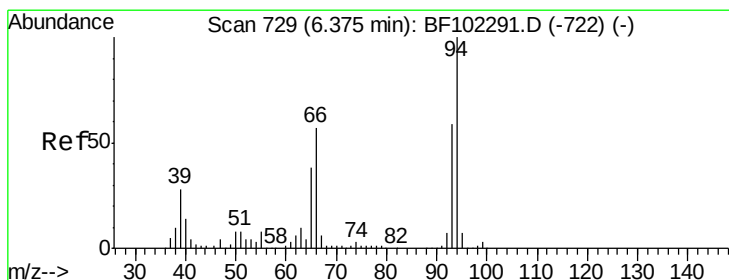
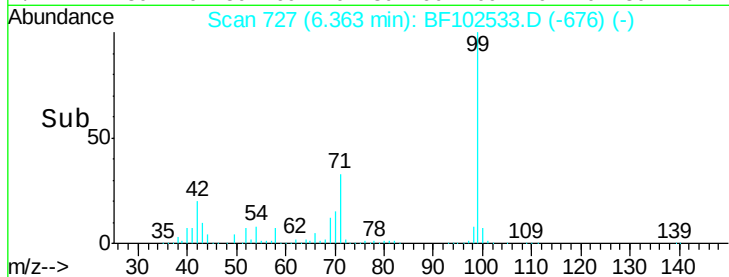
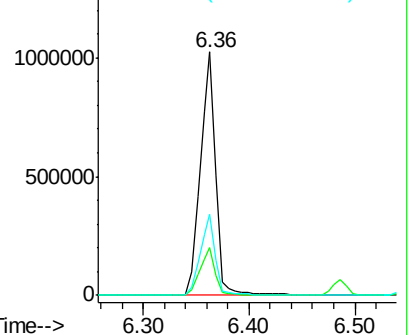
1/29/2018 5:45:01 PM



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



#10

Phenol

Concen: 4.795 ng

RT: 6.37 min Scan# 729

Delta R.T. -0.00 min

Lab File: BF102533.D

Acq: 28 Jan 2018 1:38

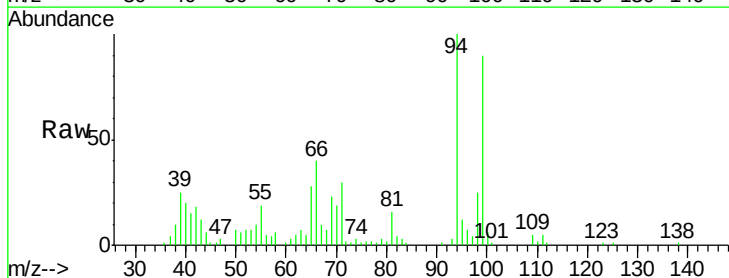
Tgt Ion: 94 Resp: 47645

Ion Ratio Lower Upper

94 100

65 28.1 7.9 47.9

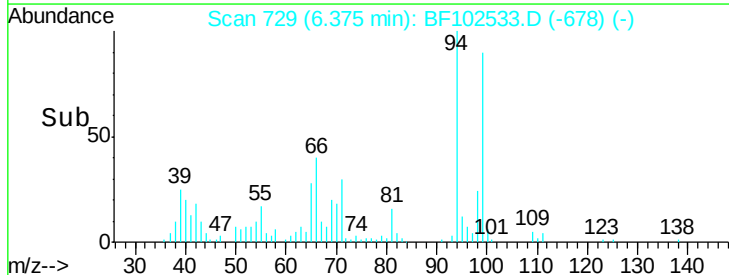
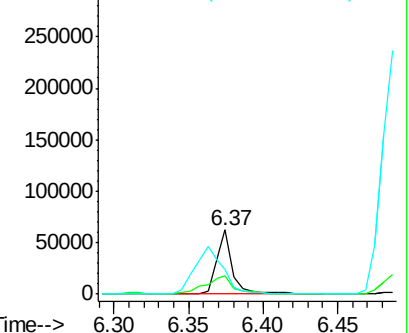
66 39.6 16.2 56.2

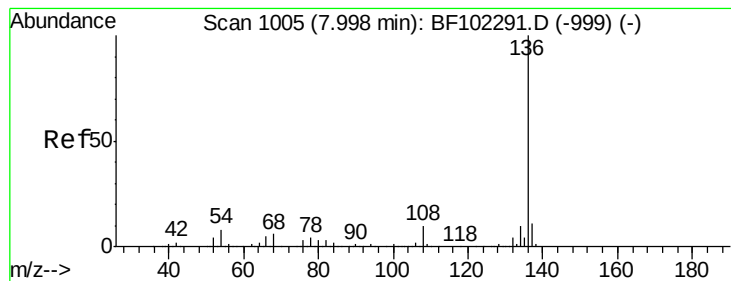


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





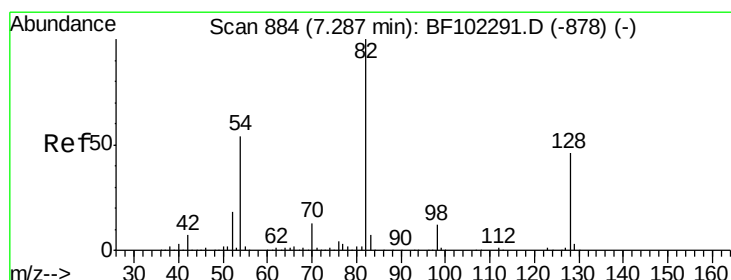
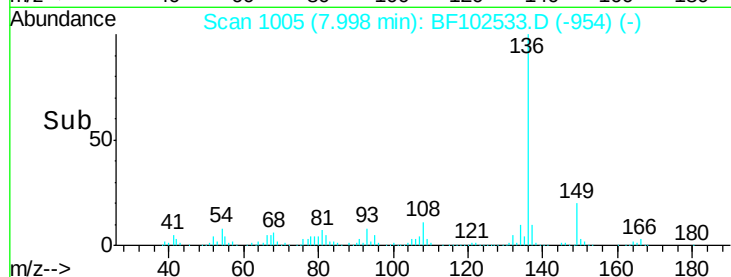
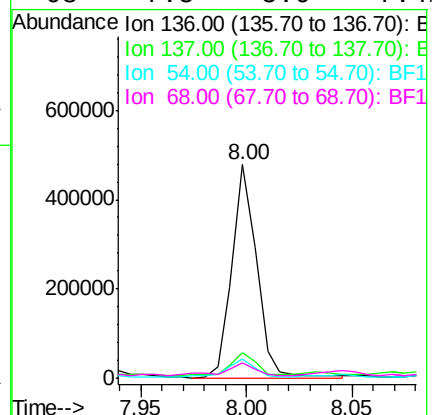
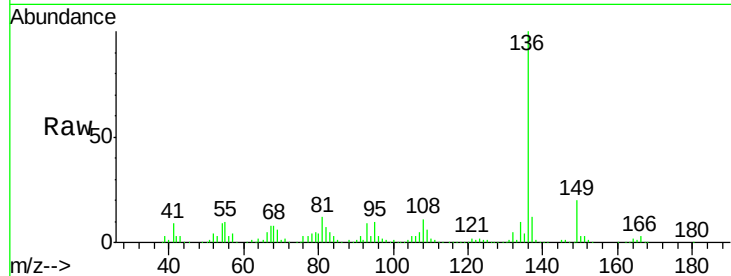
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.00 min Scan# 1005
Delta R.T. -0.00 min
Lab File: BF102533.D
Acq: 28 Jan 2018 1:38

Instrument :
BNA_F
ClientSampleId :
RO200030

Tgt Ion	Ratio	Resp Lower	Resp Upper
136	100		
137	12.2	8.9	13.3
54	8.9	6.6	9.8
68	7.5	5.0	7.4#

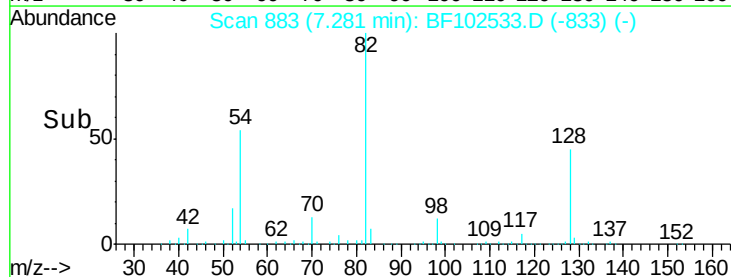
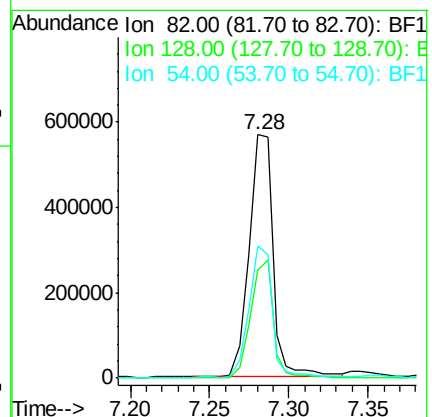
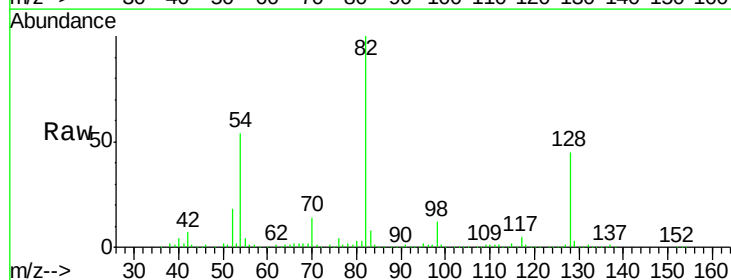
Manual Integrations
APPROVED

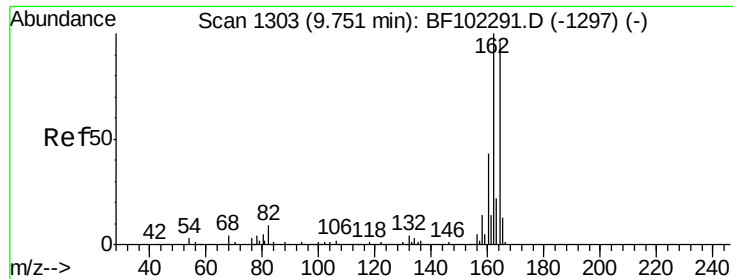
Sohil
1/29/2018 5:45:01 PM



#23
Nitrobenzene-d5
Concen: 87.970 ng
RT: 7.28 min Scan# 883
Delta R.T. -0.01 min
Lab File: BF102533.D
Acq: 28 Jan 2018 1:38

Tgt Ion	Ratio	Resp Lower	Resp Upper
82	100		
128	44.5	36.1	54.1
54	54.5	41.4	62.2





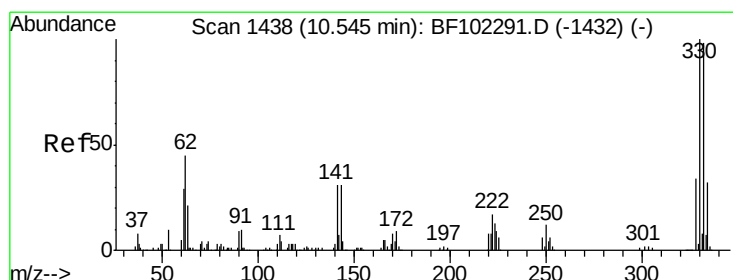
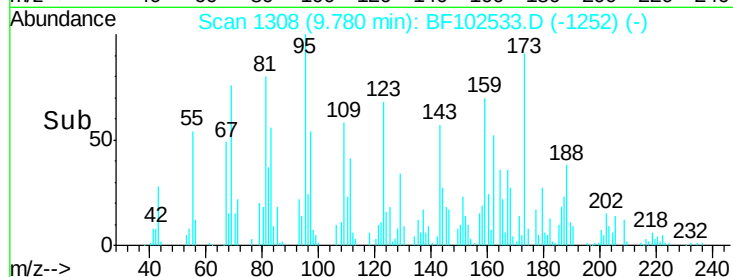
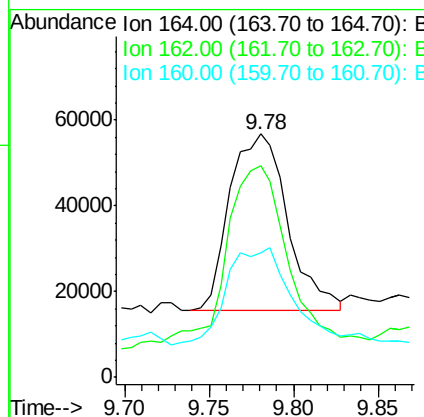
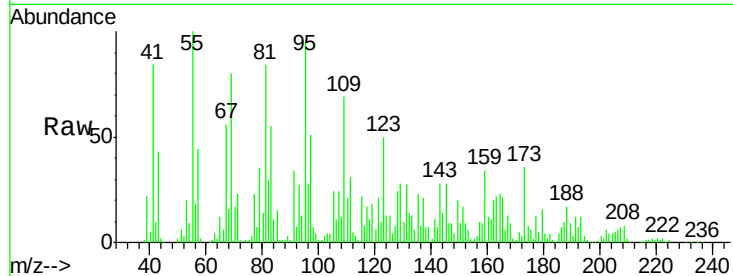
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.78 min Scan# 1308
Delta R.T. 0.03 min
Lab File: BF102533.D
Acq: 28 Jan 2018 1:38

Instrument :
BNA_F
ClientSampleId :
RO200030

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	98263		
162	87.1	86.1	129.1	
160	51.2	38.3	57.5	

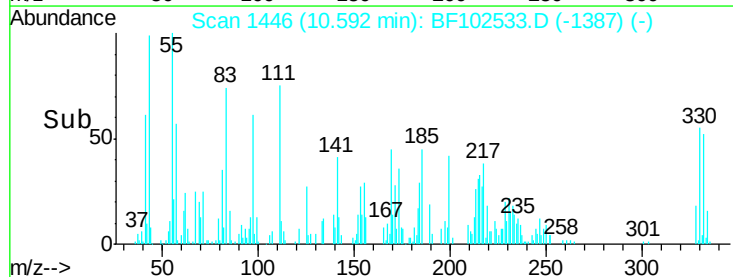
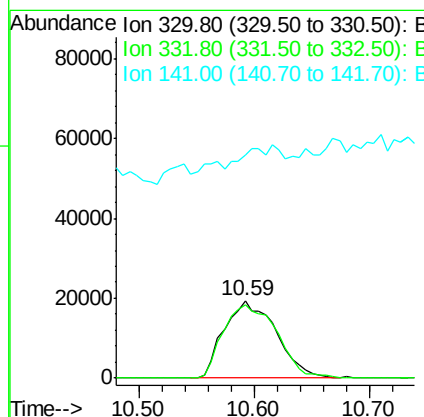
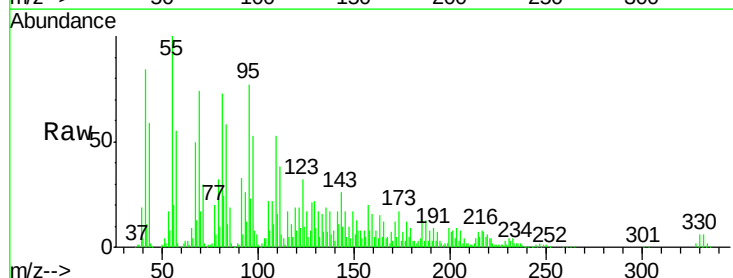
Manual Integrations
APPROVED

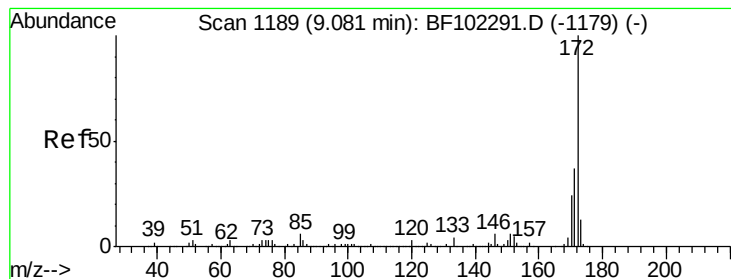
Sohil
1/29/2018 5:45:01 PM



#41
2,4,6-Tribromophenol
Concen: 62.055 ng
RT: 10.59 min Scan# 1446
Delta R.T. 0.05 min
Lab File: BF102533.D
Acq: 28 Jan 2018 1:38

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	60420		
332	98.8	77.0	115.6	
141	5.9	29.9	44.9#	





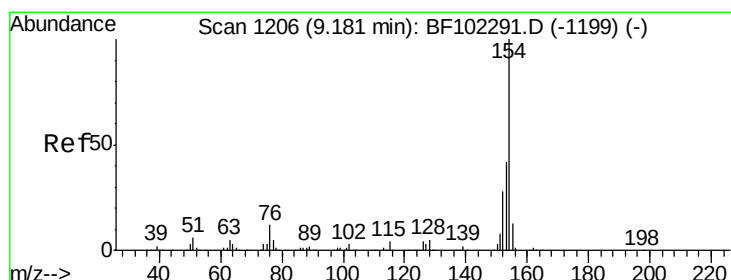
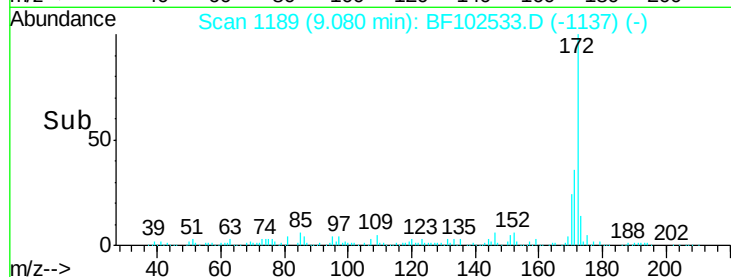
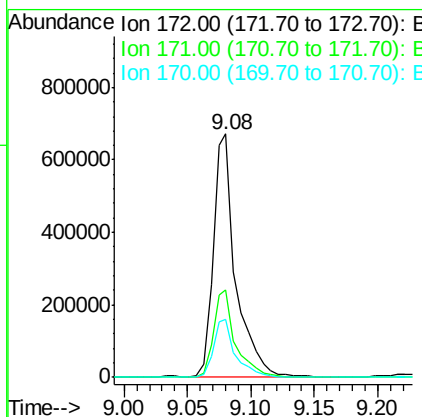
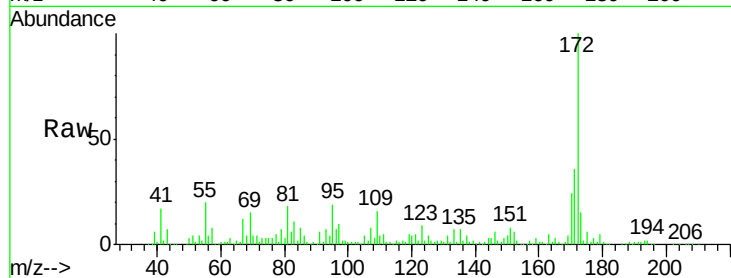
#44
 2-Fluorobiphenyl
 Concen: 123.574 ng
 RT: 9.08 min Scan# 1189
 Delta R.T. 0.01 min
 Lab File: BF102533.D
 Acq: 28 Jan 2018 1:38

Instrument :
 BNA_F
 ClientSampleId :
 RO200030

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	825841		
171	35.8	29.7	44.5	
170	23.8	19.6	29.4	

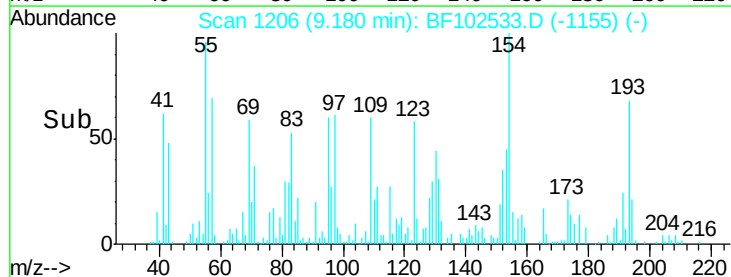
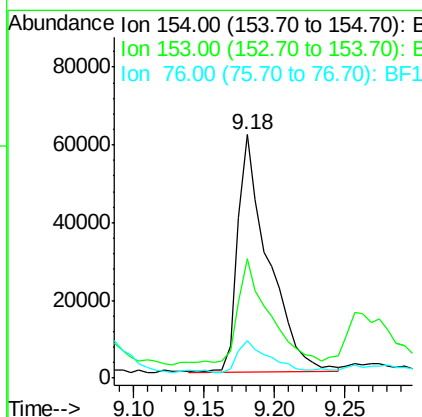
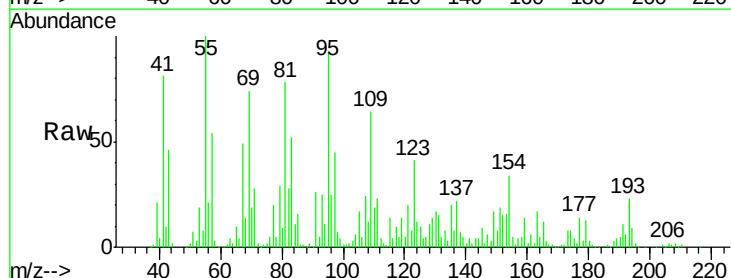
Manual Integrations
 APPROVED

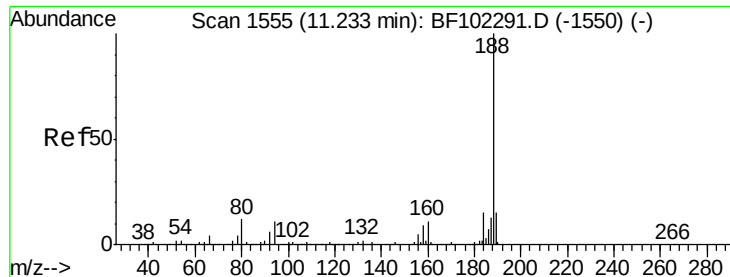
Sohil
 1/29/2018 5:45:01 PM



#45
 1,1'-Biphenyl
 Concen: 10.475 ng
 RT: 9.18 min Scan# 1206
 Delta R.T. -0.00 min
 Lab File: BF102533.D
 Acq: 28 Jan 2018 1:38

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	92033		
153	48.8	21.3	61.3	
76	15.4	0.0	34.0	





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.23 min Scan# 1555

Delta R.T. -0.01 min

Lab File: BF102533.D

Acq: 28 Jan 2018 1:38

Instrument :

BNA_F

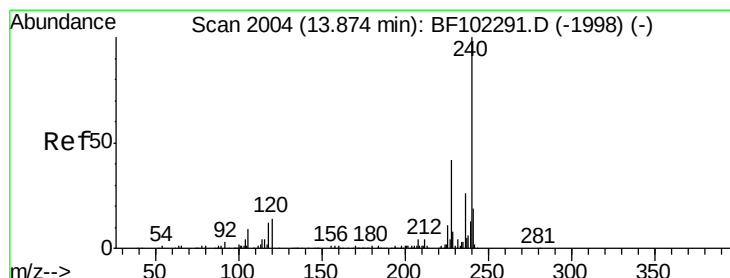
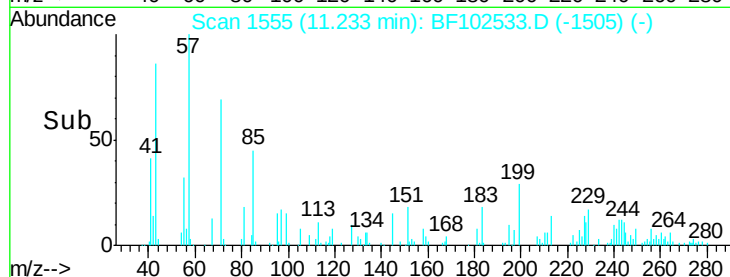
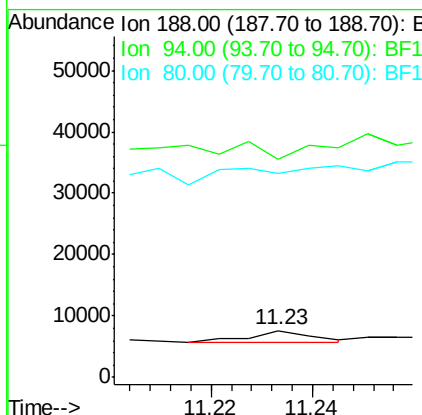
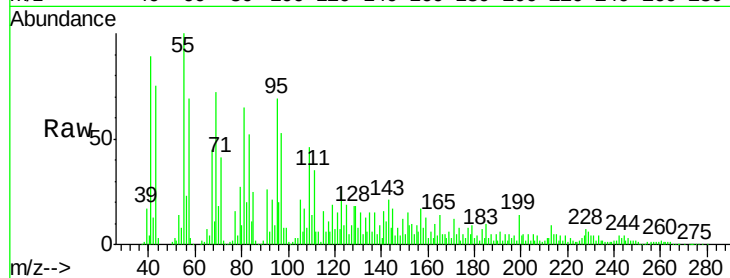
ClientSampleId :

RO200030

Tgt Ion:	188	Resp:	1636
Ion Ratio	Lower	Upper	
188	100		
94	463.5	8.5	12.7#
80	434.4	9.2	13.8#

Manual Integrations
APPROVED

Sohil
1/29/2018 5:45:01 PM



#75

Chrysene-d12

Concen: 20.000 ng

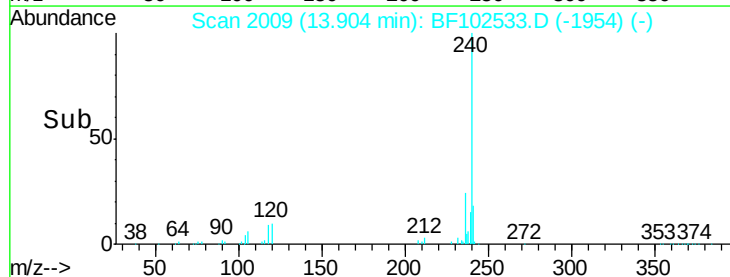
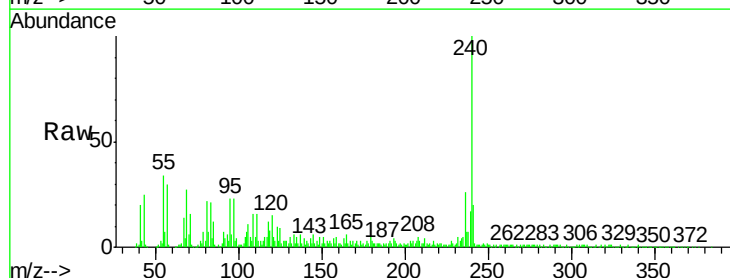
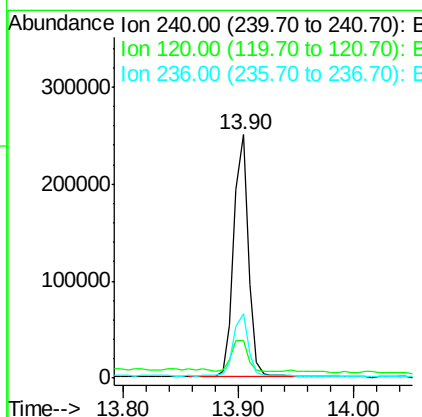
RT: 13.90 min Scan# 2009

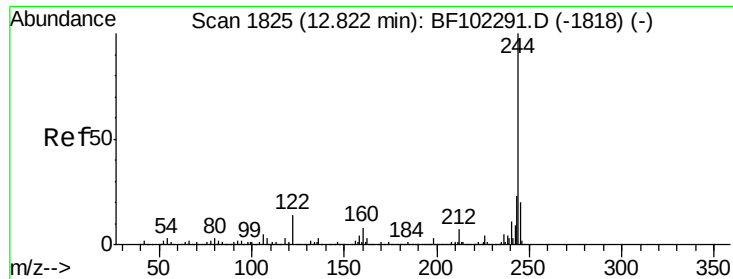
Delta R.T. 0.02 min

Lab File: BF102533.D

Acq: 28 Jan 2018 1:38

Tgt Ion:	240	Resp:	221408
Ion Ratio	Lower	Upper	
240	100		
120	15.2	9.5	14.3#
236	26.3	20.7	31.1





#78

Terphenyl-d14

Concen: 30.044 ng

RT: 12.90 min Scan# 1838

Delta R.T. 0.08 min

Lab File: BF102533.D

Acq: 28 Jan 2018 1:38

Instrument :

BNA_F

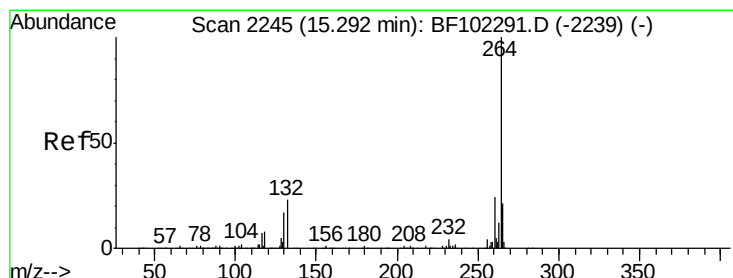
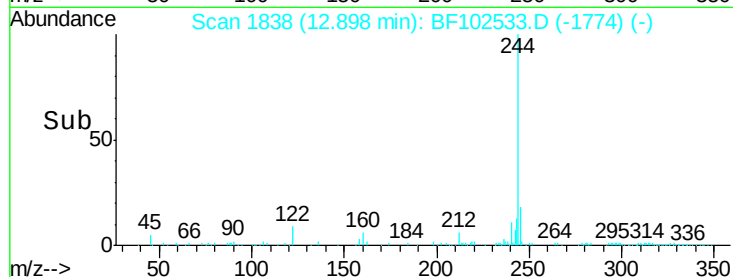
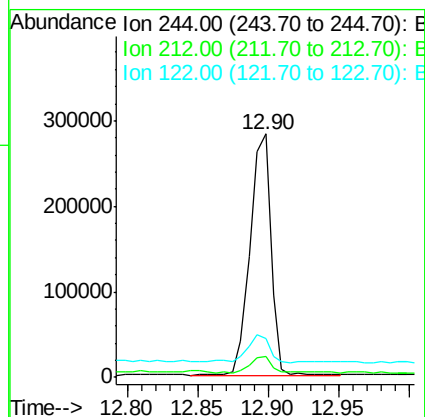
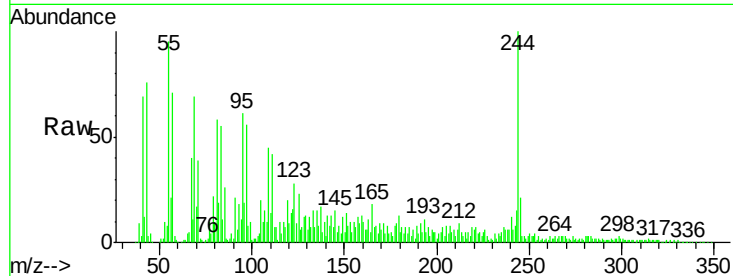
ClientSampleId :

RO200030

Tgt Ion	Ratio	Resp	Lower	Upper
244	100	295076		
212	8.6	5.4	8.0#	
122	16.1	11.0	16.4	

Manual Integrations
APPROVED

Sohil
1/29/2018 5:45:01 PM



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.31 min Scan# 2248

Delta R.T. 0.01 min

Lab File: BF102533.D

Acq: 28 Jan 2018 1:38

Tgt Ion	Ratio	Resp	Lower	Upper
264	100	213170		
260	23.1	19.2	28.8	
265	21.9	17.5	26.3	

