

Data Path : Z:\HPCHEM1\BNA F\DATA\BF010418\
 Data File : BF101892.D
 Acq On : 4 Jan 2018 15:53
 Operator : SJ/JU
 Sample : J1011-03 10X
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HR-06-010318-B

Manual Integrations
 APPROVED

Sohil
 1/5/2018 10:29:25 AM

Quant Time: Jan 04 17:13:15 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121417.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 04 14:22:17 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.77	152	114205	20.00	ng	0.00
21) Naphthalene-d8	8.06	136	442956	20.00	ng	0.00
38) Acenaphthene-d10	9.81	164	181571	20.00	ng	0.00
63) Phenanthrene-d10	11.30	188	288931	20.00	ng	0.00
75) Chrysene-d12	13.96	240	276202	20.00	ng	0.00
86) Perylene-d12	15.43	264	255369	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	90360m	11.79	ng	0.04
7) Phenol-d6	6.46	99	100188	10.50	ng	0.04
23) Nitrobenzene-d5	7.36	82	26717	3.36	ng	0.01
41) 2,4,6-Tribromophenol	10.62	330	11260	6.44	ng	0.01
44) 2-Fluorobiphenyl	9.13	172	105276	8.99	ng	0.00
78) Terphenyl-d14	12.88	244	78729	6.87	ng	0.00
Target Compounds						
31) Naphthalene	8.08	128	79364	3.559	ng	# 85
37) 2-Methylnaphthalene	8.77	142	67285	4.631	ng	# 96
45) 1,1'-Biphenyl	9.23	154	32666	2.029	ng	98
74) Fluoranthene	12.53	202	51799	3.071	ng	99
77) Pyrene	12.76	202	44317	2.138	ng	99

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

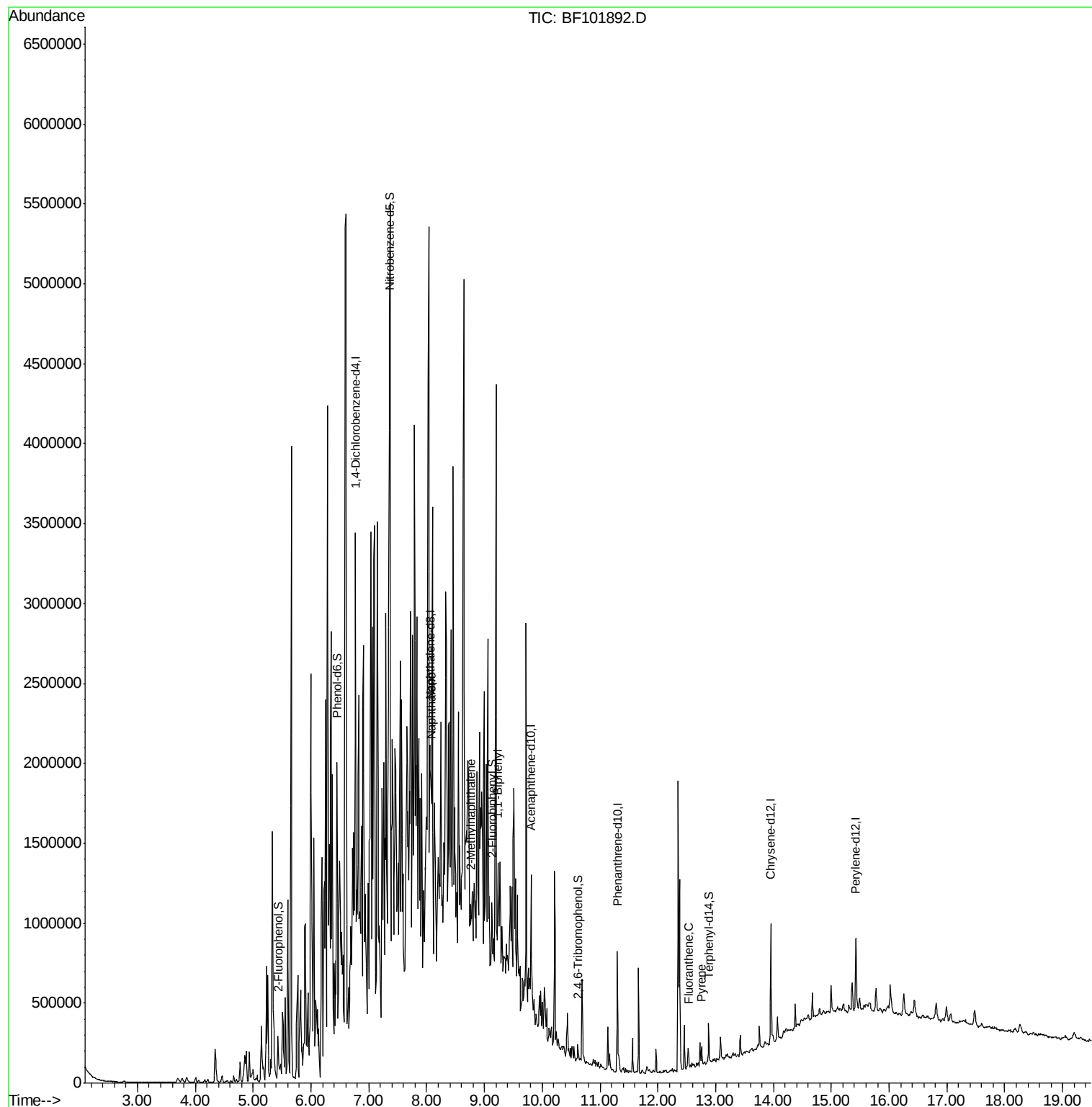
Data Path : Z:\HPCHEM1\BNA F\DATA\BF010418\
Data File : BF101892.D
Acq On : 4 Jan 2018 15:53
Operator : SJ/JU
Sample : J1011-03 10X
Misc :
ALS Vial : 8 Sample Multiplier: 1

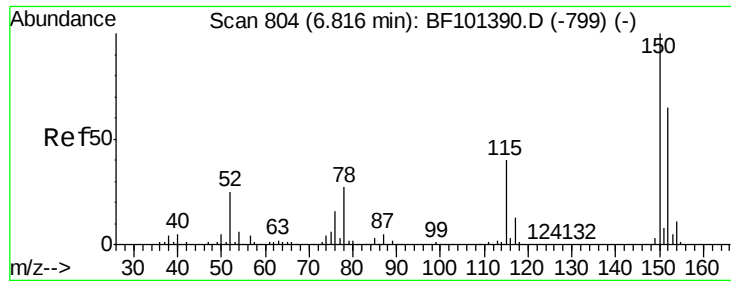
Instrument :
BNA_F
ClientSampleId :
HR-06-010318-B

Manual Integrations
APPROVED

Sohil
1/5/2018 10:29:25 AM

Quant Time: Jan 04 17:13:15 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jan 04 14:22:17 2018
Response via : Initial Calibration





#1

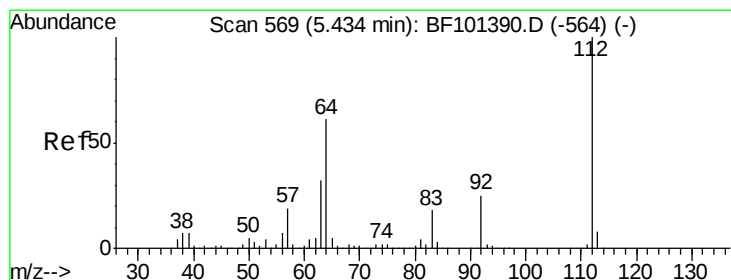
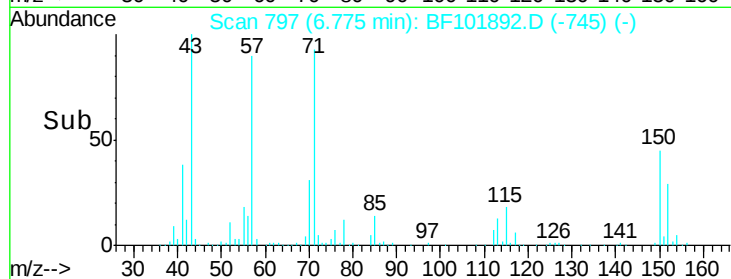
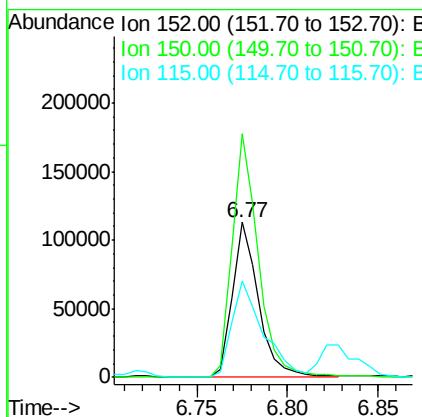
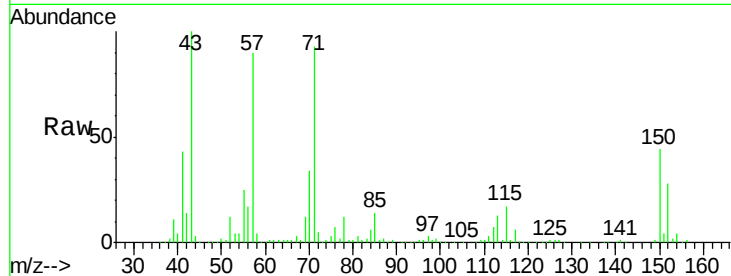
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.77 min Scan# 797
Delta R.T. 0.01 min
Lab File: BF101892.D
Acq: 4 Jan 2018 15:53

Instrument :
BNA_F
ClientSampleId :
HR-06-010318-B

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.0	124.6	186.8
115	61.9	50.1	75.1

Manual Integrations
APPROVED

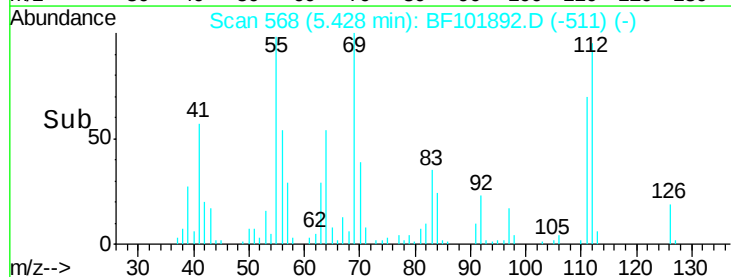
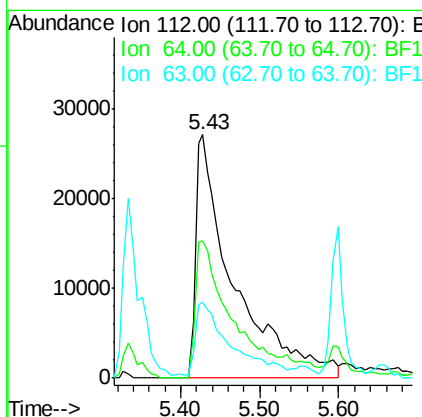
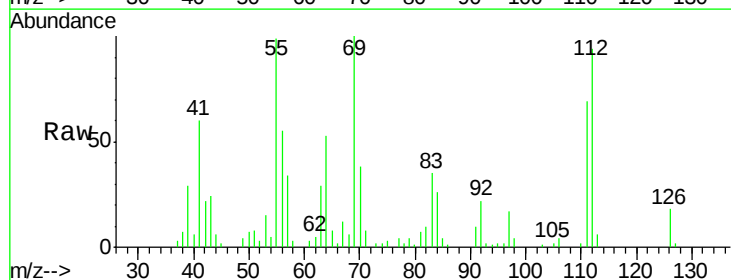
Sohil
1/5/2018 10:29:25 AM

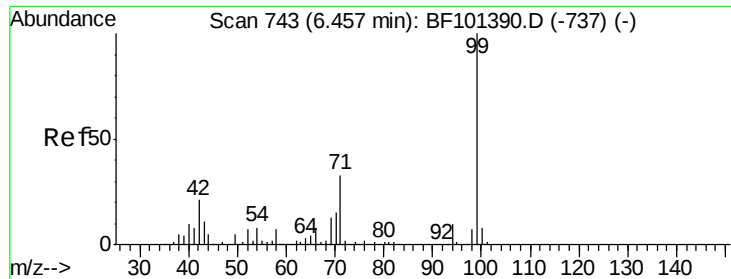


#5

2-Fluorophenol
Concen: 11.786 ng m
RT: 5.43 min Scan# 568
Delta R.T. 0.04 min
Lab File: BF101892.D
Acq: 4 Jan 2018 15:53

Tgt Ion	Ratio	Lower	Upper
112	100		
64	56.4	47.9	71.9
63	31.0	23.7	35.5





#7

Phenol-d6

Concen: 10.500 ng

RT: 6.46 min Scan# 743

Delta R.T. 0.04 min

Lab File: BF101892.D

Acq: 4 Jan 2018 15:53

Instrument :

BNA_F

ClientSampleId :

HR-06-010318-B

Tot Ion: 99 Resp: 100188

Ion Ratio Lower Upper

99 100

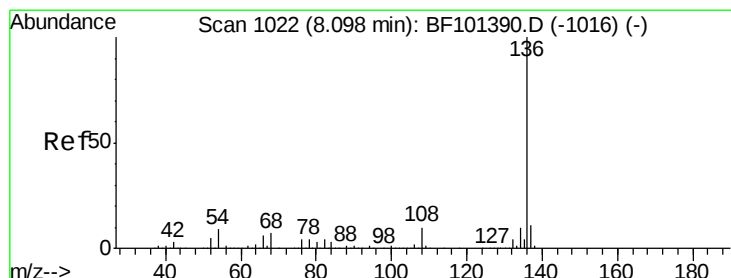
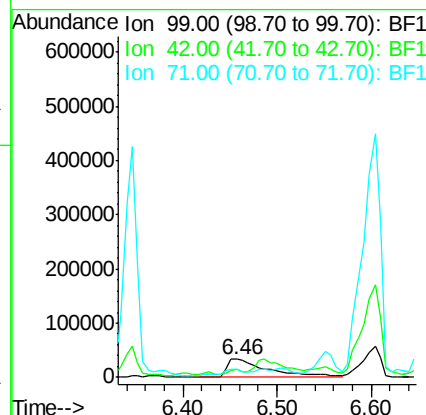
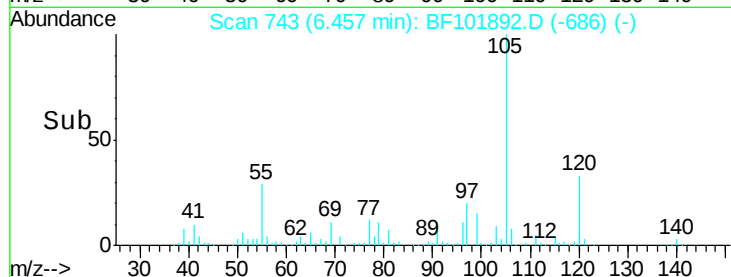
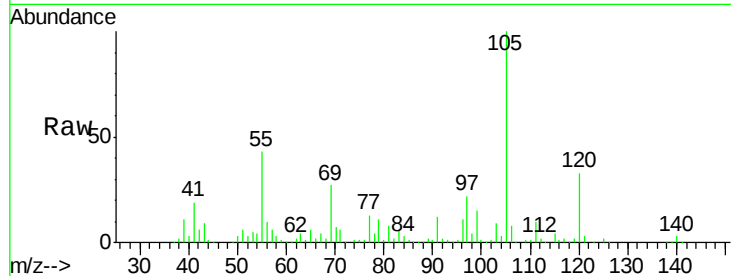
42 41.2 14.5 21.7#

71 41.2 25.4 38.0#

Manual Integrations
APPROVED

Sohil

1/5/2018 10:29:25 AM



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.06 min Scan# 1015

Delta R.T. 0.01 min

Lab File: BF101892.D

Acq: 4 Jan 2018 15:53

Tgt Ion: 136 Resp: 442956

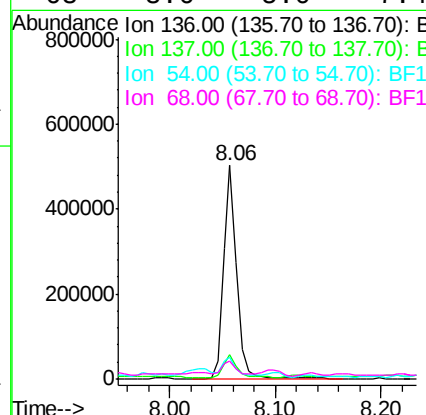
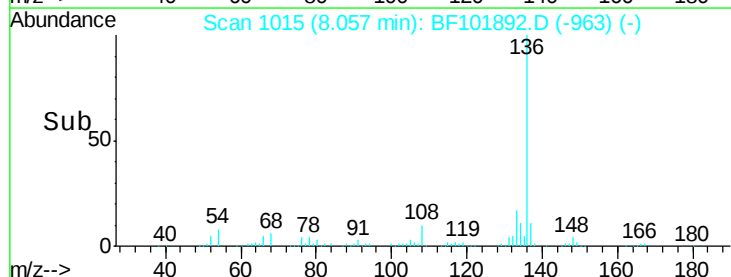
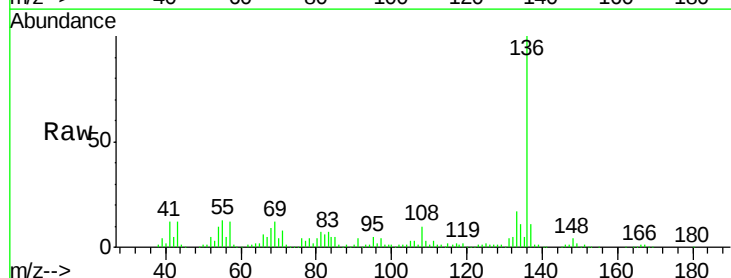
Ion Ratio Lower Upper

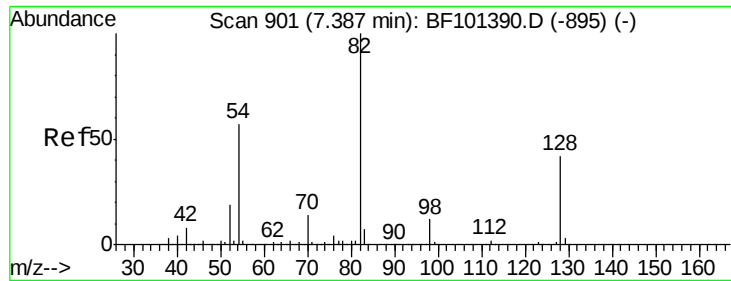
136 100

137 11.4 8.9 13.3

54 10.4 6.6 9.8#

68 8.6 5.0 7.4#





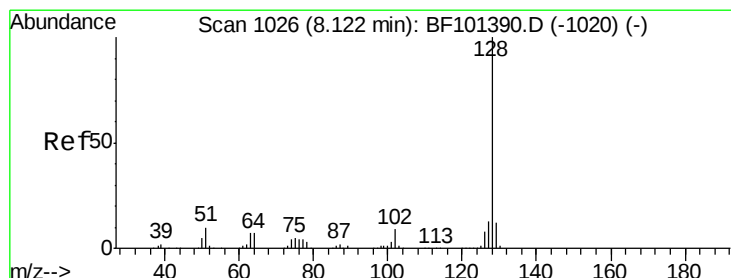
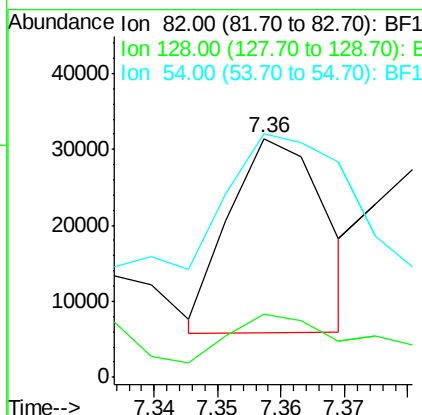
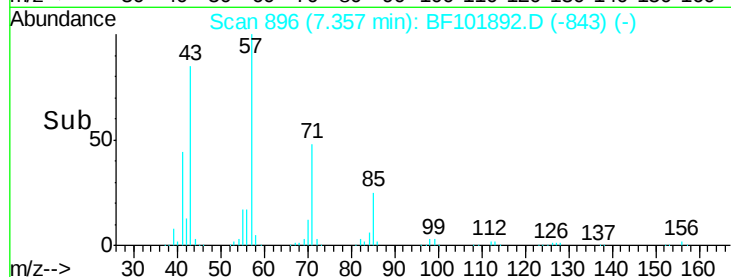
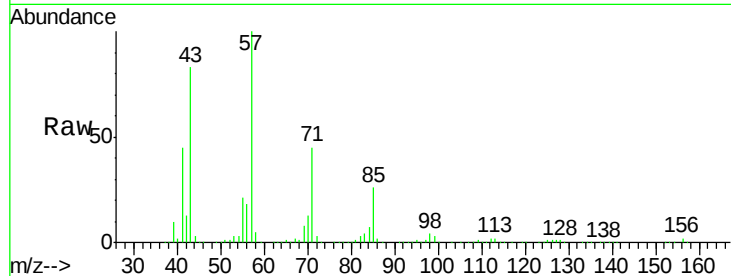
#23
Nitrobenzene-d5
Concen: 3.357 ng
RT: 7.36 min Scan# 896
Delta R.T. 0.01 min
Lab File: BF101892.D
Acq: 4 Jan 2018 15:53

Instrument :
BNA_F
ClientSampleId :
HR-06-010318-B

Tot Ion	82	Resp	26717
Ion	Ratio	Lower	Upper
82	100		
128	26.7	36.1	54.1#
54	102.1	41.4	62.2#

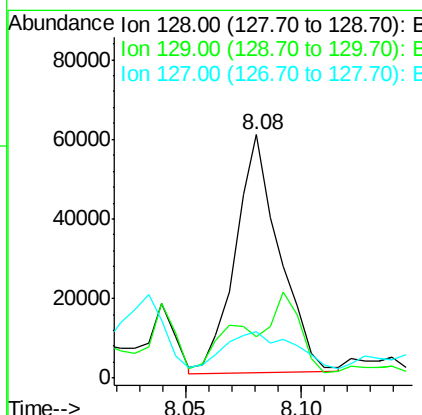
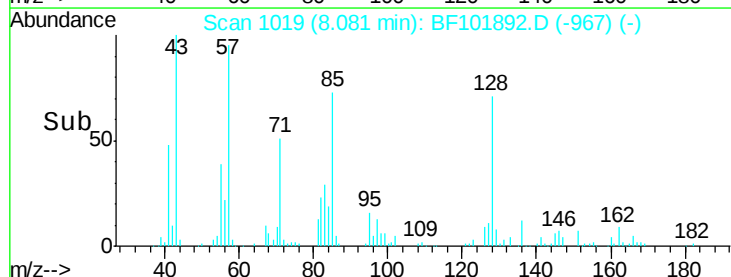
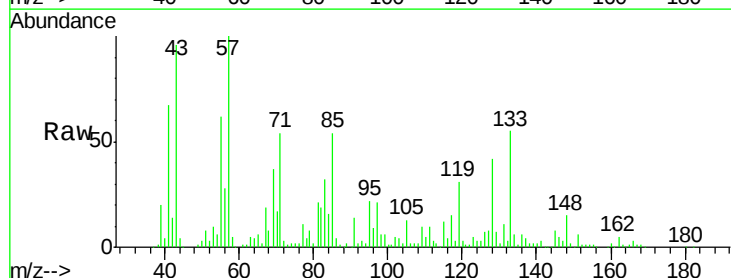
Manual Integrations
APPROVED

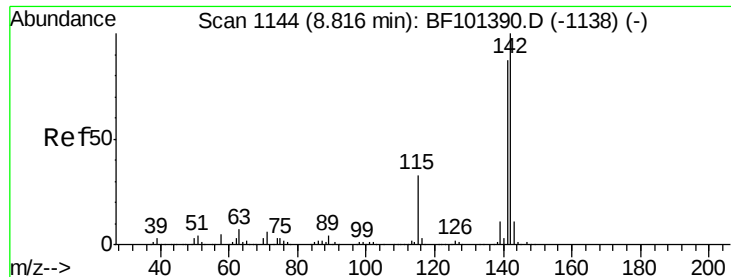
Sohil
1/5/2018 10:29:25 AM



#31
Naphthalene
Concen: 3.559 ng
RT: 8.08 min Scan# 1019
Delta R.T. 0.01 min
Lab File: BF101892.D
Acq: 4 Jan 2018 15:53

Tgt Ion	128	Resp	79364
Ion	Ratio	Lower	Upper
128	100		
129	17.2	8.8	13.2#
127	19.2	10.9	16.3#





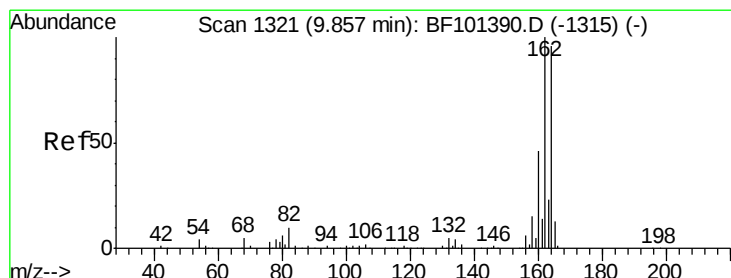
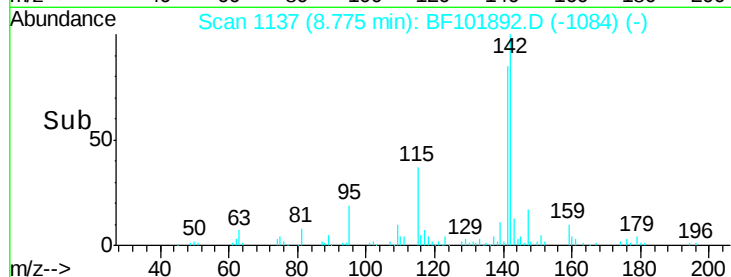
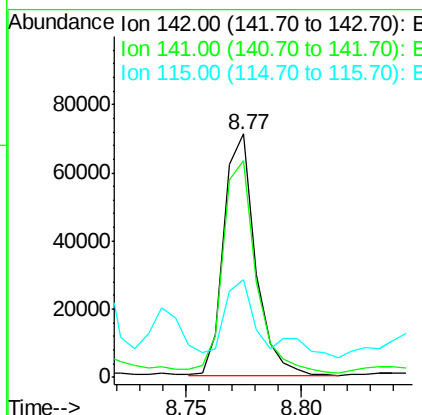
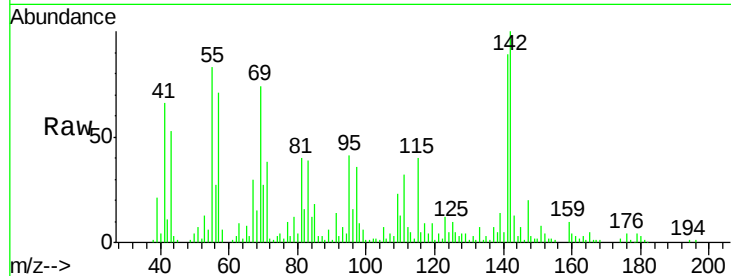
#37
2-Methylnaphthalene
Concen: 4.631 ng
RT: 8.77 min Scan# 1137
Delta R.T. 0.01 min
Lab File: BF101892.D
Acq: 4 Jan 2018 15:53

Instrument :
BNA_F
ClientSampleId :
HR-06-010318-B

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.1	70.8	106.2
115	40.0	26.1	39.1#

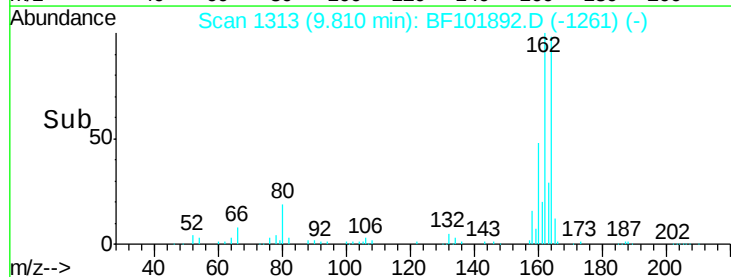
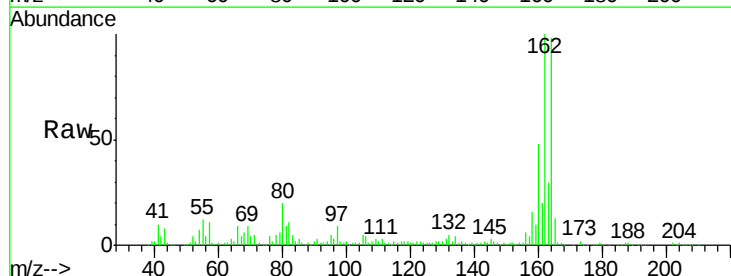
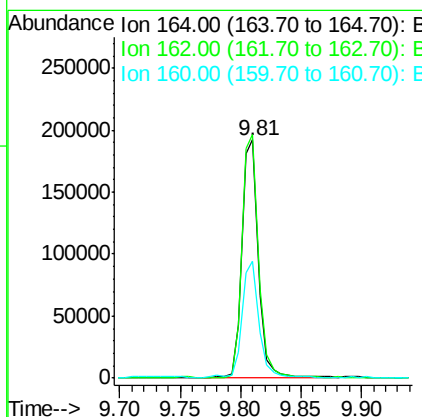
Manual Integrations
APPROVED

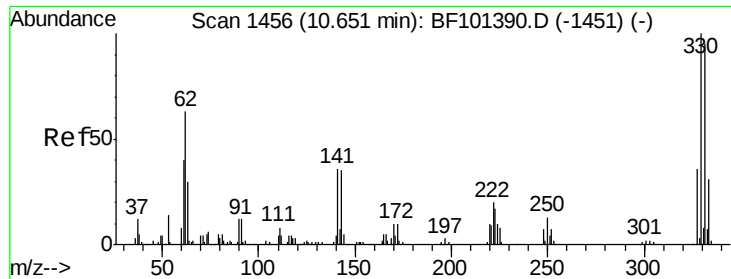
Sohil
1/5/2018 10:29:25 AM



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.81 min Scan# 1313
Delta R.T. 0.01 min
Lab File: BF101892.D
Acq: 4 Jan 2018 15:53

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.1	86.1	129.1
160	49.2	38.3	57.5





#41

2,4,6-Tribromophenol

Concen: 6.436 ng

RT: 10.62 min Scan# 1450

Delta R.T. 0.01 min

Lab File: BF101892.D

Acq: 4 Jan 2018 15:53

Instrument :

BNA_F

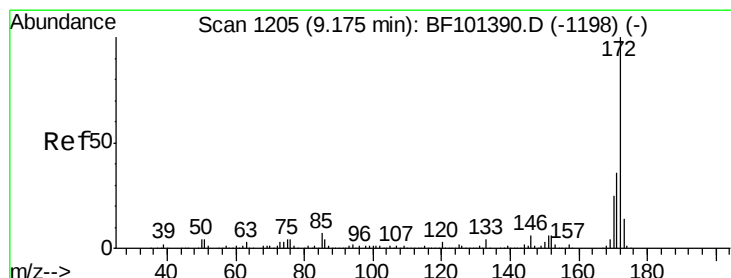
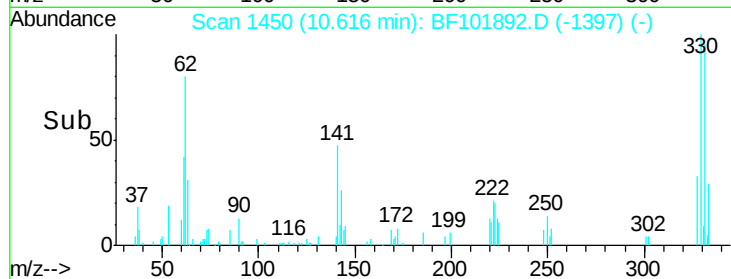
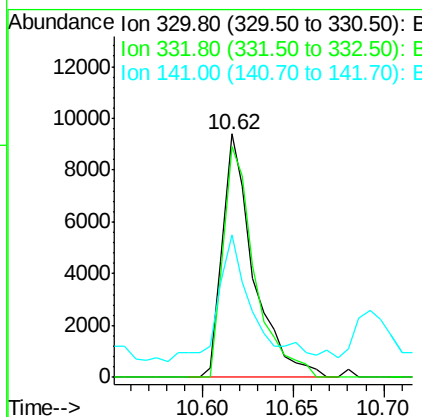
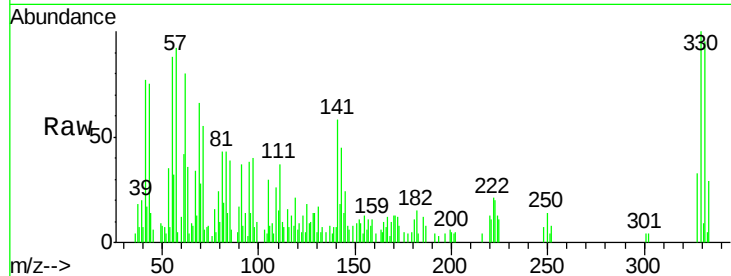
ClientSampleId :

HR-06-010318-B

Tot Ion:	330	Resp:	11260
Ion Ratio	Lower	Upper	
330	100		
332	96.1	77.0	115.6
141	53.9	29.9	44.9#

Manual Integrations
APPROVED

Sohil
1/5/2018 10:29:25 AM



#44

2-Fluorobiphenyl

Concen: 8.994 ng

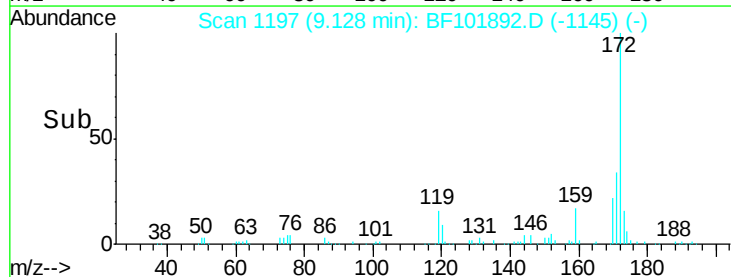
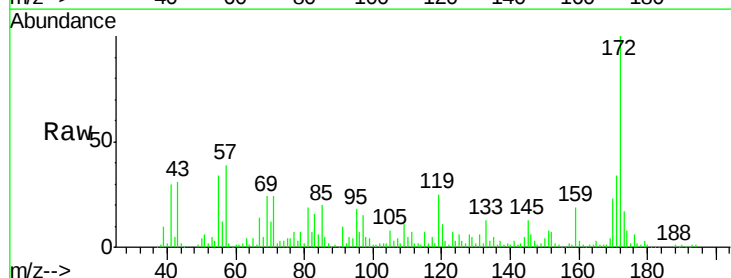
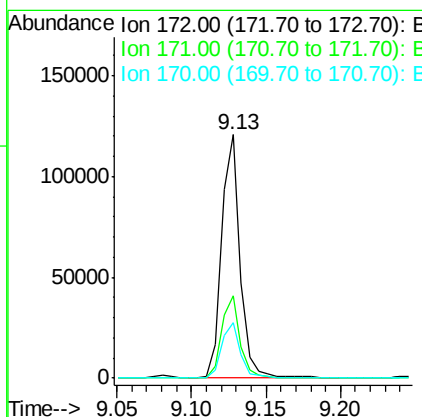
RT: 9.13 min Scan# 1197

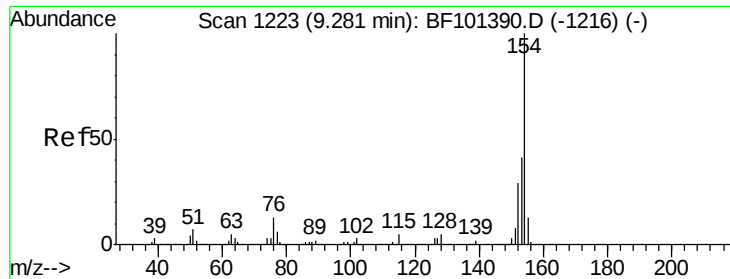
Delta R.T. 0.01 min

Lab File: BF101892.D

Acq: 4 Jan 2018 15:53

Tgt Ion:	172	Resp:	105276
Ion Ratio	Lower	Upper	
172	100		
171	33.8	29.7	44.5
170	22.8	19.6	29.4





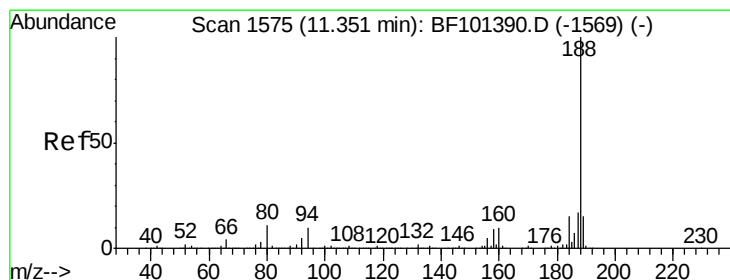
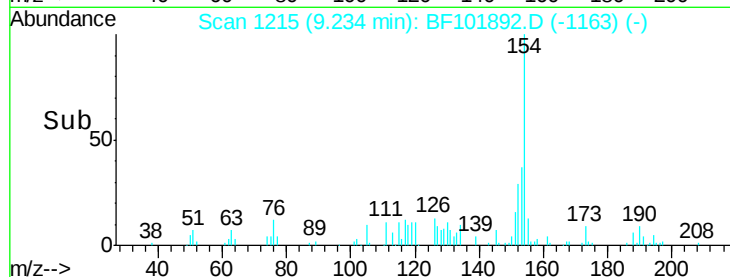
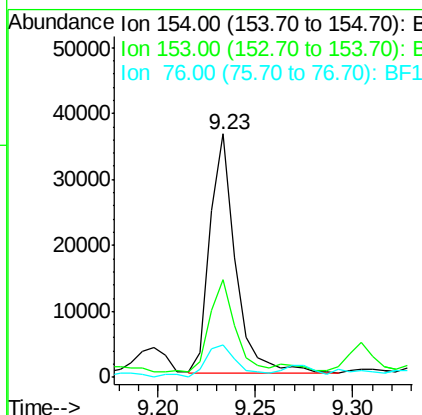
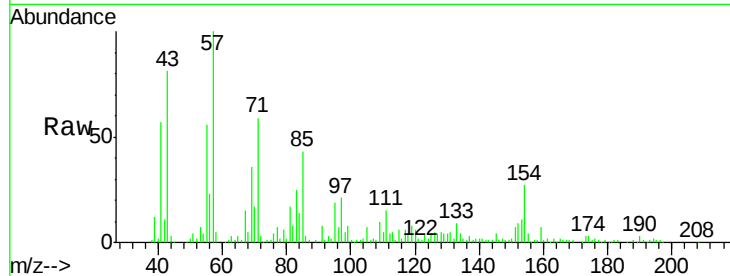
#45
 1,1'-Biphenyl
 Concen: 2.029 ng
 RT: 9.23 min Scan# 1215
 Delta R.T. 0.01 min
 Lab File: BF101892.D
 Acq: 4 Jan 2018 15:53

Instrument :
 BNA_F
 ClientSampleID :
 HR-06-010318-B

Tot Ion	Ratio	Lower	Upper
154	100		
153	40.1	21.3	61.3
76	13.4	0.0	34.0

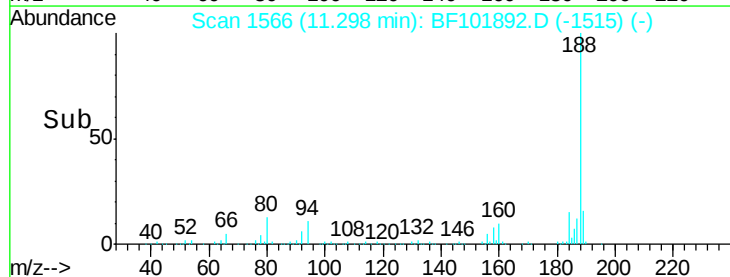
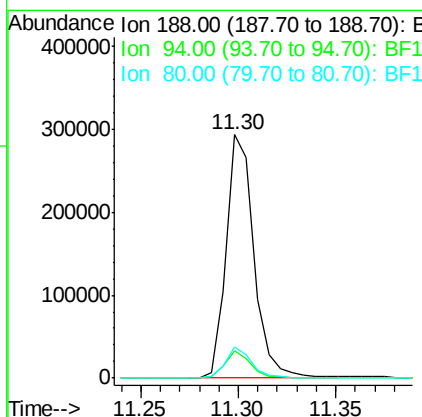
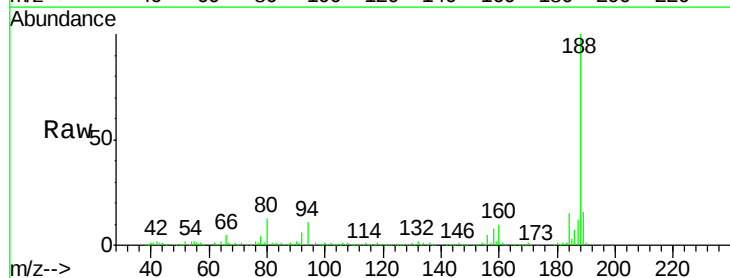
Manual Integrations
 APPROVED

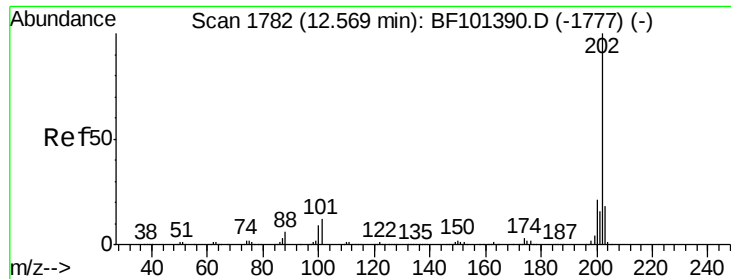
Sohil
 1/5/2018 10:29:25 AM



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.30 min Scan# 1566
 Delta R.T. 0.00 min
 Lab File: BF101892.D
 Acq: 4 Jan 2018 15:53

Tgt Ion	Ratio	Lower	Upper
188	100		
94	11.0	8.5	12.7
80	12.8	9.2	13.8





#74

Fluoranthene

Concen: 3.071 ng

RT: 12.53 min Scan# 1775

Delta R.T. 0.01 min

Lab File: BF101892.D

Acq: 4 Jan 2018 15:53

Instrument :

BNA_F

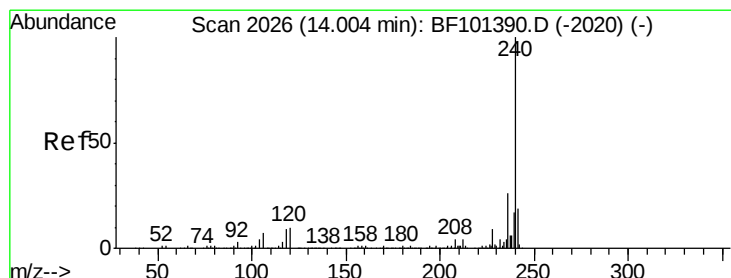
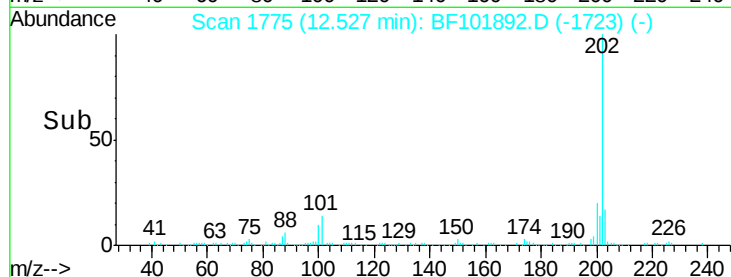
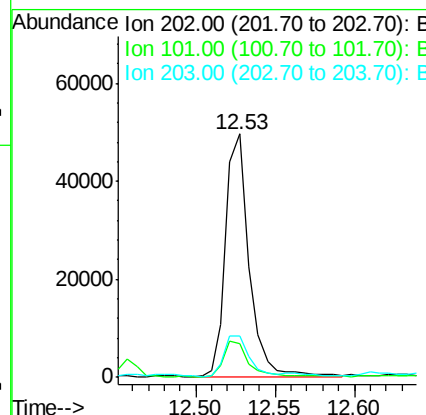
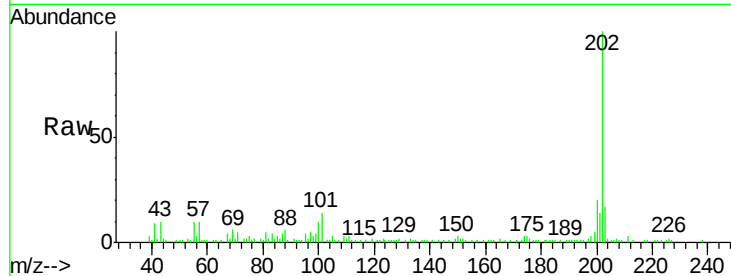
ClientSampleId :

HR-06-010318-B

Tot Ion:	202	Resp:	51799
Ion Ratio	Lower	Upper	
202	100		
101	13.8	0.0	34.1
203	17.2	0.0	38.1

Manual Integrations
APPROVED

Sohil
1/5/2018 10:29:25 AM



#75

Chrysene-d12

Concen: 20.000 ng

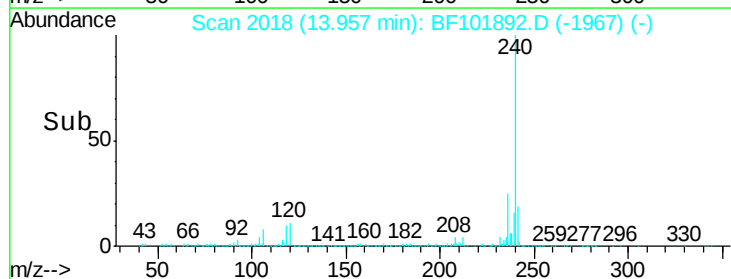
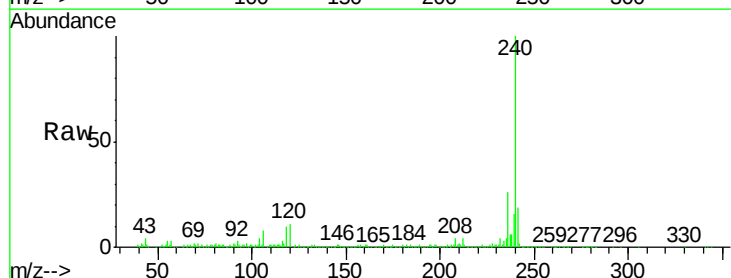
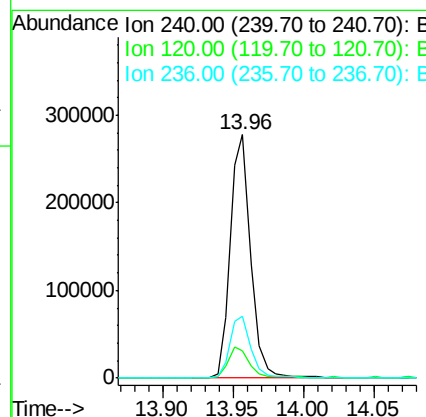
RT: 13.96 min Scan# 2018

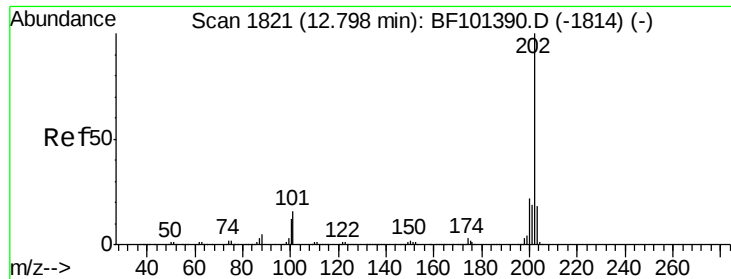
Delta R.T. 0.00 min

Lab File: BF101892.D

Acq: 4 Jan 2018 15:53

Tgt Ion:	240	Resp:	276202
Ion Ratio	Lower	Upper	
240	100		
120	11.0	9.5	14.3
236	25.5	20.7	31.1





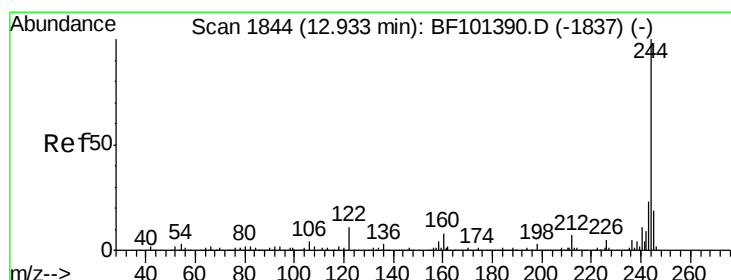
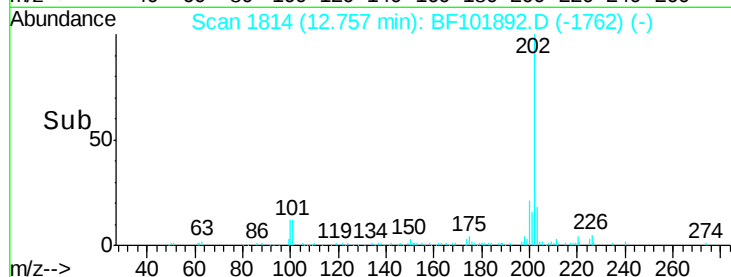
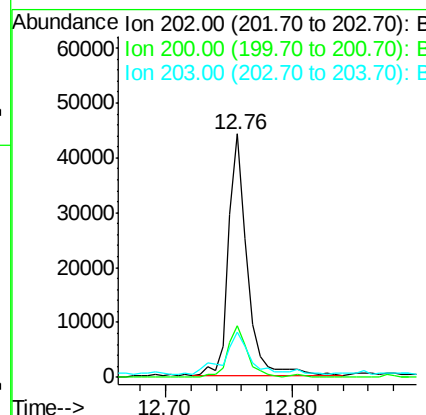
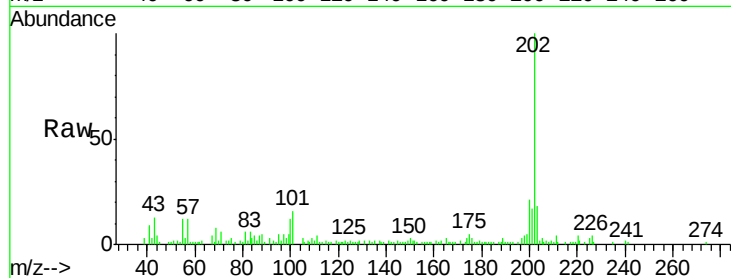
#77
Pvrene
Concen: 2.138 ng
RT: 12.76 min Scan# 1814
Delta R.T. 0.01 min
Lab File: BF101892.D
Acq: 4 Jan 2018 15:53

Instrument :
BNA_F
ClientSampleId :
HR-06-010318-B

Tot Ion	Ratio	Lower	Upper
202	100		
200	21.3	17.4	26.2
203	18.4	14.3	21.5

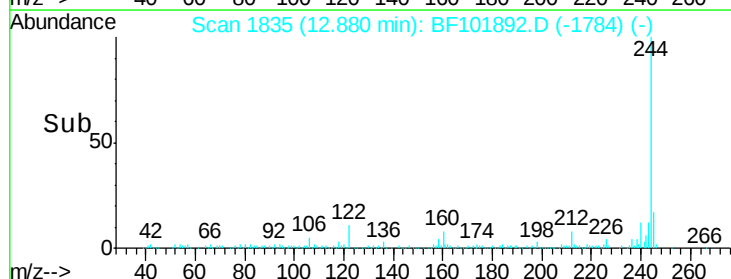
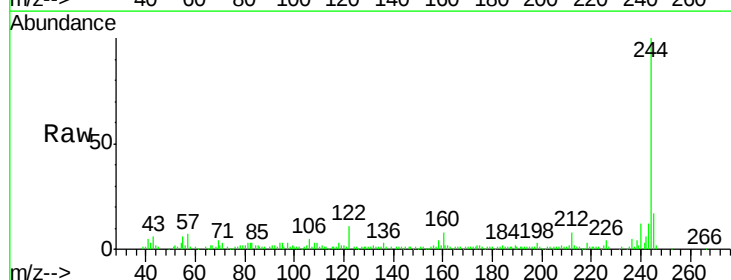
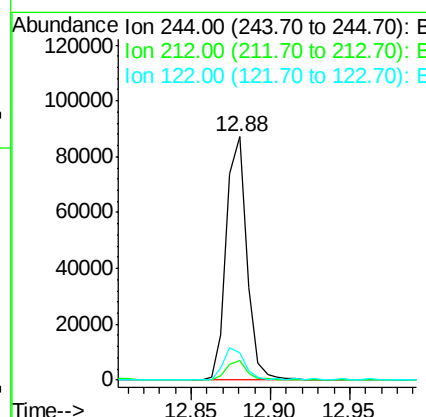
Manual Integrations
APPROVED

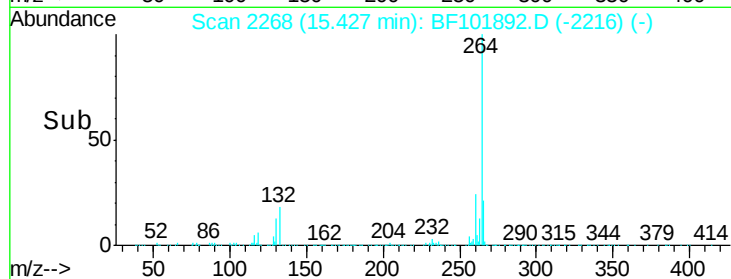
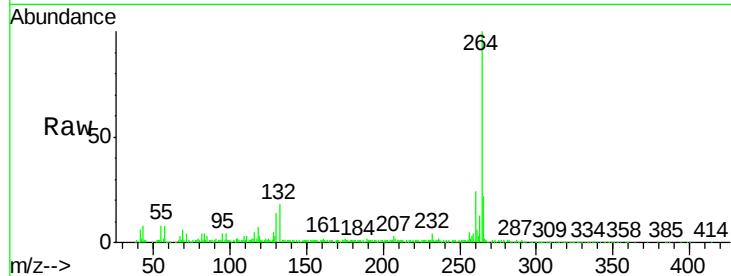
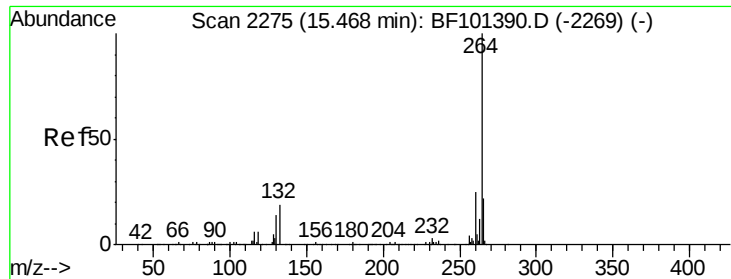
Sohil
1/5/2018 10:29:25 AM



#78
Terphenyl-d14
Concen: 6.872 ng
RT: 12.88 min Scan# 1835
Delta R.T. 0.00 min
Lab File: BF101892.D
Acq: 4 Jan 2018 15:53

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.8	5.4	8.0
122	11.0	11.0	16.4





#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.43 min Scan# 2268
Delta R.T. 0.01 min
Lab File: BF101892.D
Acq: 4 Jan 2018 15:53

Instrument :
BNA_F
ClientSampleId :
HR-06-010318-B

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.2	28.8
265	21.6	17.5	26.3

Manual Integrations
APPROVED

Sohil
1/5/2018 10:29:25 AM

