

Data File : BF101852.D
Acq On : 2 Jan 2018 15:44
Operator : SJ/JU
Sample : I7023-09DL 5X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
LB-6DL

Manual Integrations
APPROVED

Sohil
1/3/2018 10:26:19 AM

Quant Time: Jan 02 16:54:48 2018
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 29 13:21:45 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.78	152	132321	20.00	ng	0.00
21) Naphthalene-d8	8.06	136	454030	20.00	ng	0.00
38) Acenaphthene-d10	9.82	164	197332	20.00	ng	0.00
63) Phenanthrene-d10	11.32	188	320413	20.00	ng	0.00
75) Chrysene-d12	13.96	240	292017	20.00	ng	-0.01
86) Perylene-d12	15.43	264	306044	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.41	112	301631	33.96	ng	0.00
7) Phenol-d6	6.43	99	381970	34.55	ng	0.00
23) Nitrobenzene-d5	7.35	82	195233	23.94	ng	-0.01
41) 2,4,6-Tribromophenol	10.62	330	43688	22.98	ng	0.00
44) 2-Fluorobiphenyl	9.13	172	345180	27.13	ng	0.00
78) Terphenyl-d14	12.89	244	282876	23.35	ng	-0.01
Target Compounds						
31) Naphthalene	8.09	128	514301	22.50	ng	98
37) 2-Methylnaphthalene	8.79	142	1056676	70.96	ng	99
45) 1,1'-Biphenyl	9.24	154	153999	8.80	ng	100
57) Fluorene	10.37	166	100908	7.39	ng	# 81
70) Phenanthrene	11.34	178	252833	14.19	ng	98

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

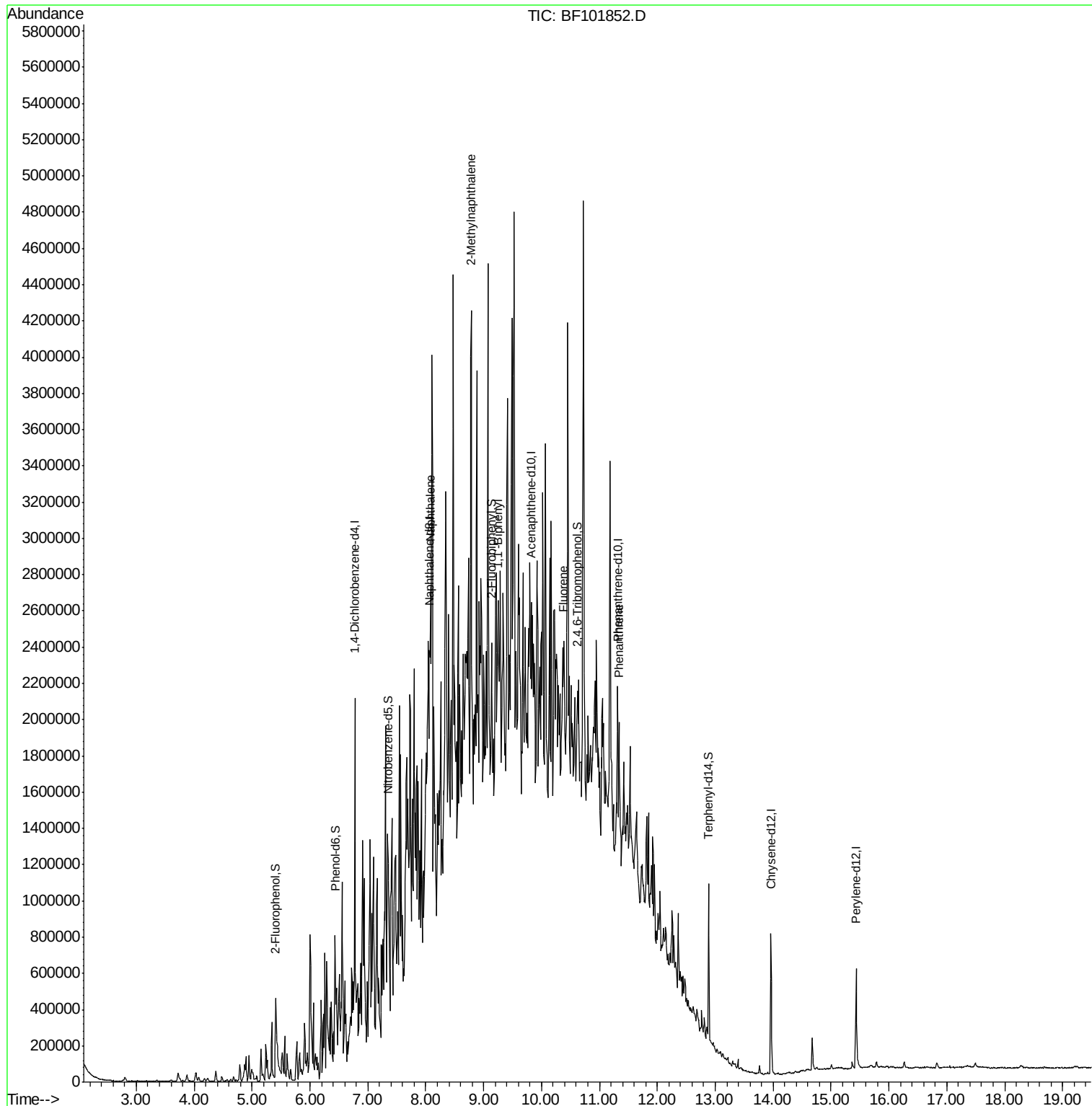
Data File : BF101852.D
Acq On : 2 Jan 2018 15:44
Operator : SJ/JU
Sample : I7023-09DL 5X
Misc :
ALS Vial : 12 Sample Multiplier: 1

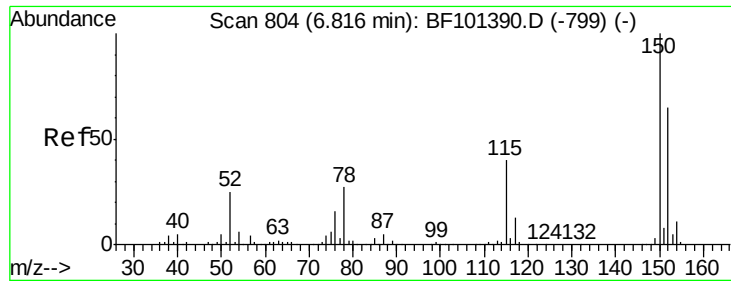
Instrument :
BNA_F
ClientSampleId :
LB-6DL

Manual Integrations
APPROVED

Sohil
1/3/2018 10:26:19 AM

Quant Time: Jan 02 16:54:48 2018
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 29 13:21:45 2017
Response via : Initial Calibration





#1

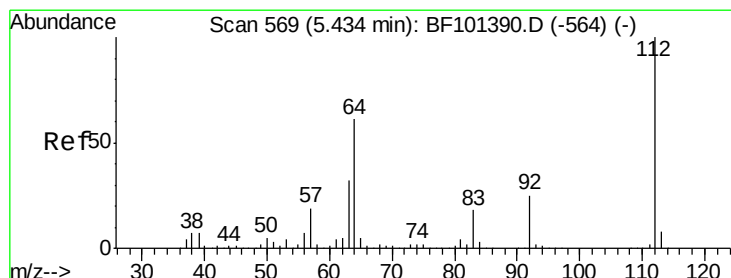
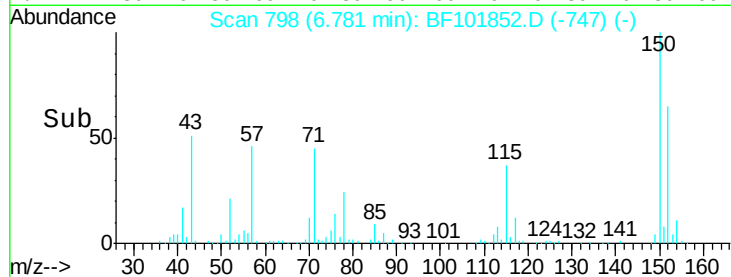
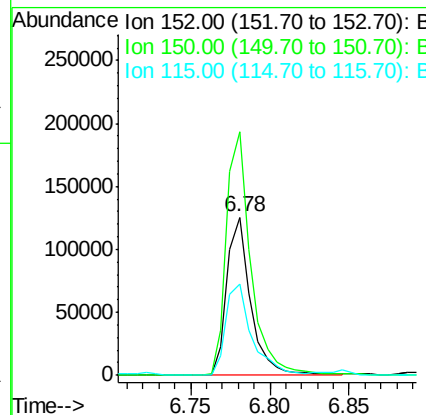
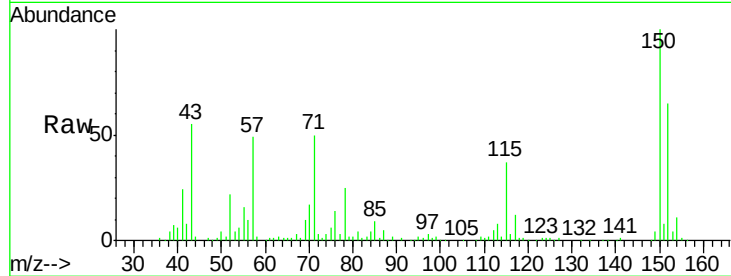
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.78 min Scan# 798
Delta R.T. 0.00 min
Lab File: BF101852.D
Acq: 2 Jan 2018 15:44

Instrument :
BNA_F
ClientSampled :
LB-6DL

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	132321		
150	154.1	124.6	186.8	
115	57.6	50.1	75.1	

Manual Integrations
APPROVED

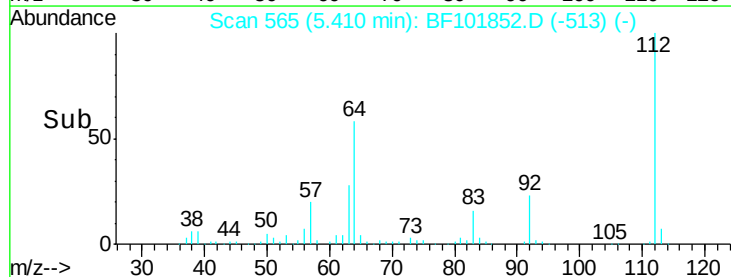
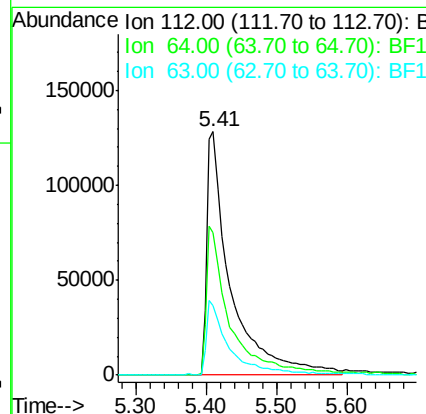
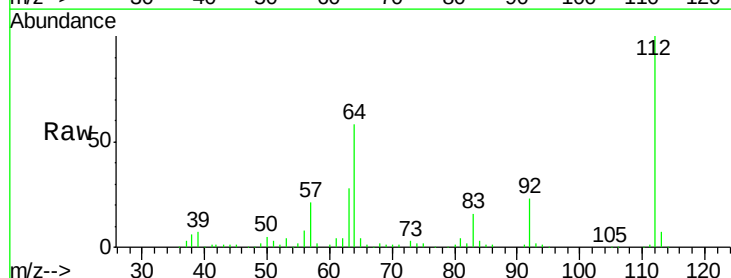
Sohil
1/3/2018 10:26:19 AM

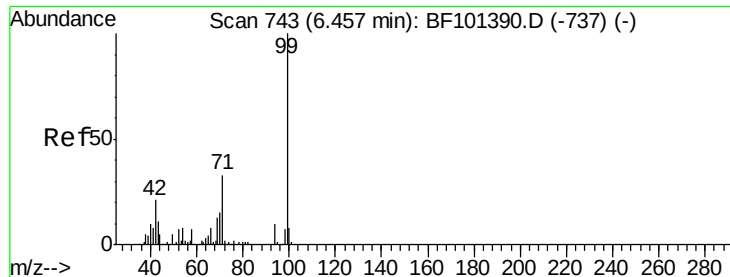


#5

2-Fluorophenol
Concen: 33.96 ng
RT: 5.41 min Scan# 565
Delta R.T. 0.01 min
Lab File: BF101852.D
Acq: 2 Jan 2018 15:44

Tgt Ion	Ratio	Resp	Lower	Upper
112	100	301631		
64	58.4	47.9	71.9	
63	28.3	23.7	35.5	





#7

Phenol-d6

Concen: 34.55 ng

RT: 6.43 min Scan# 739

Delta R.T. 0.00 min

Lab File: BF101852.D

Acq: 2 Jan 2018 15:44

Instrument :

BNA_F

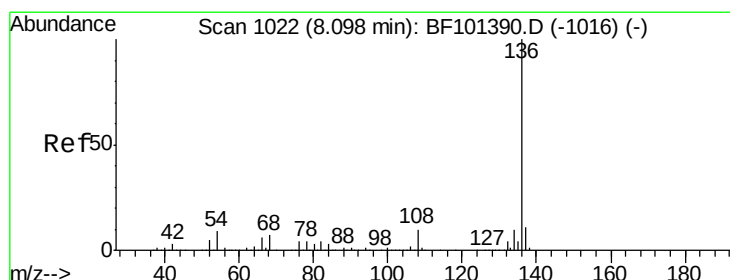
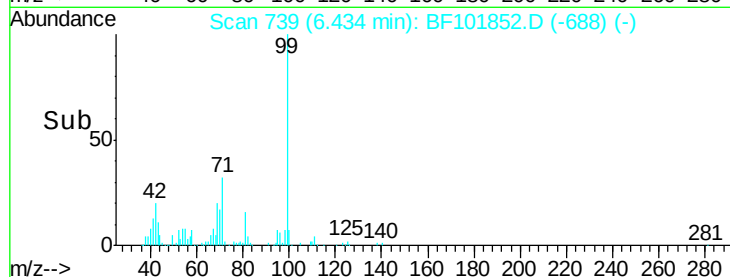
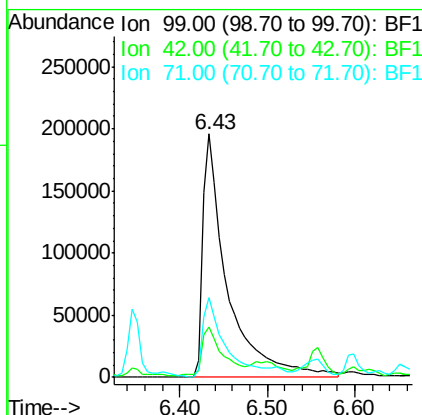
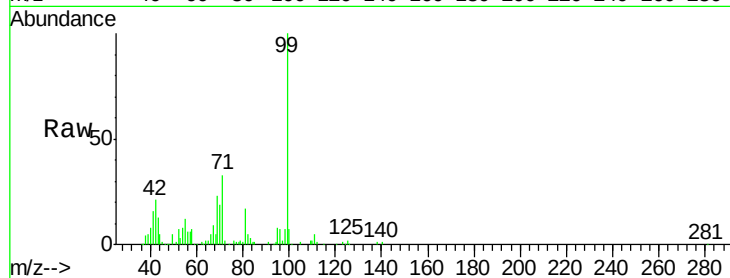
ClientSampled :

LB-6DL

Tgt Ion:	99	Resp:	381970
Ion	Ratio	Lower	Upper
99	100		
42	20.9	14.5	21.7
71	32.8	25.4	38.0

Manual Integrations
APPROVED

Sohil
1/3/2018 10:26:19 AM



#21

Naphthalene-d8

Concen: 20.00 ng

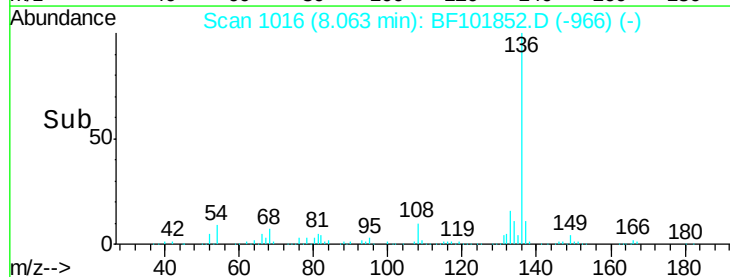
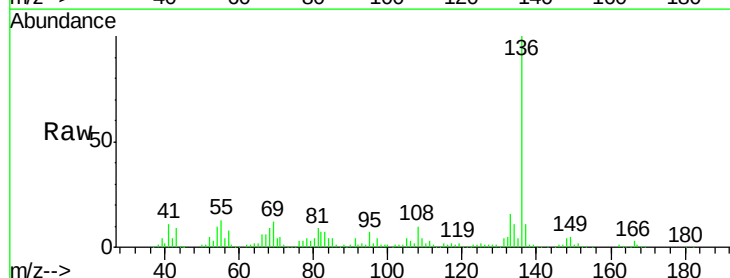
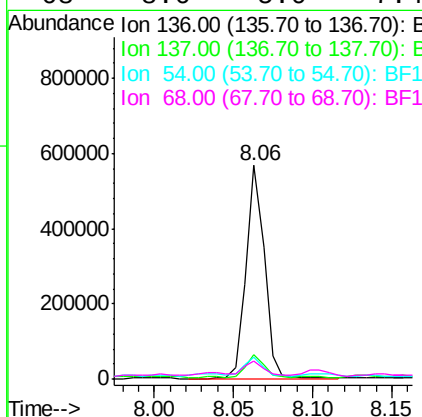
RT: 8.06 min Scan# 1016

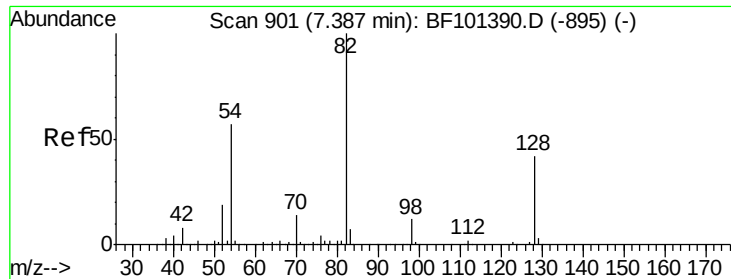
Delta R.T. -0.01 min

Lab File: BF101852.D

Acq: 2 Jan 2018 15:44

Tgt Ion:	136	Resp:	454030
Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.9	13.3
54	10.3	6.6	9.8#
68	8.6	5.0	7.4#





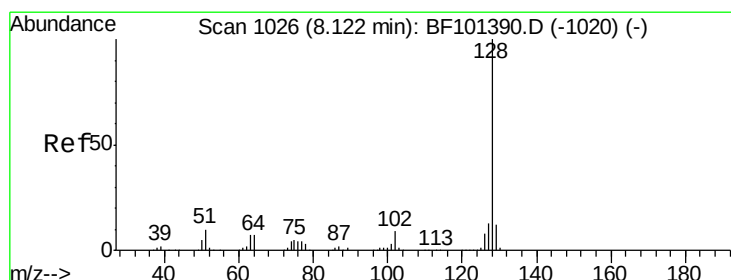
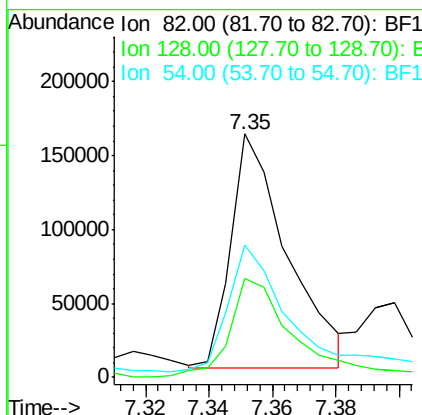
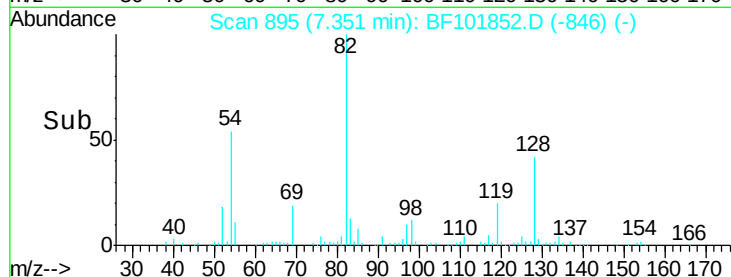
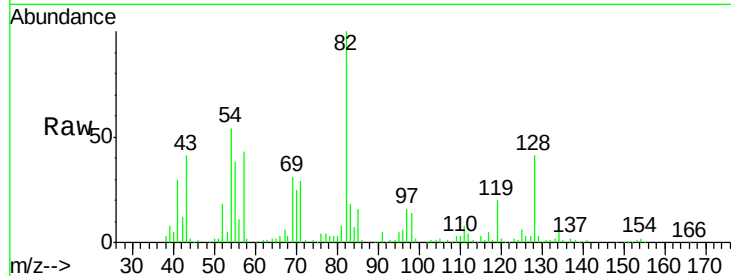
#23
Nitrobenzene-d5
Concen: 23.94 ng
RT: 7.35 min Scan# 895
Delta R.T. -0.01 min
Lab File: BF101852.D
Acq: 2 Jan 2018 15:44

Instrument :
BNA_F
ClientSampleID :
LB-6DL

Tgt Ion	Ratio	Lower	Upper
82	100		
128	40.9	36.1	54.1
54	54.1	41.4	62.2

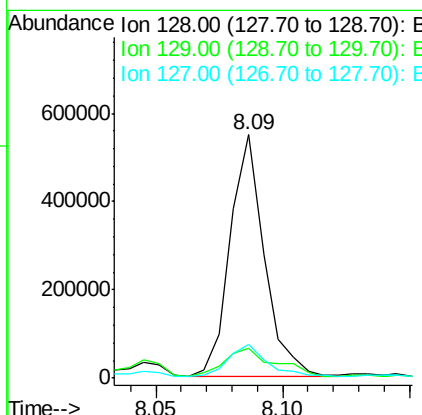
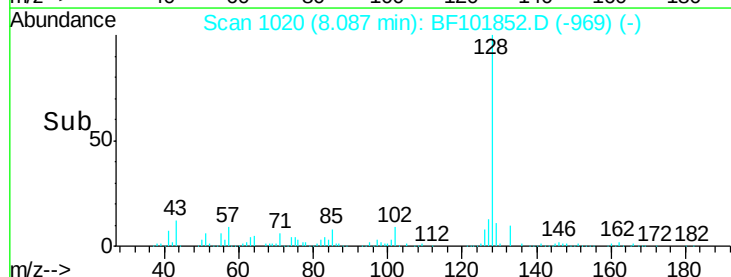
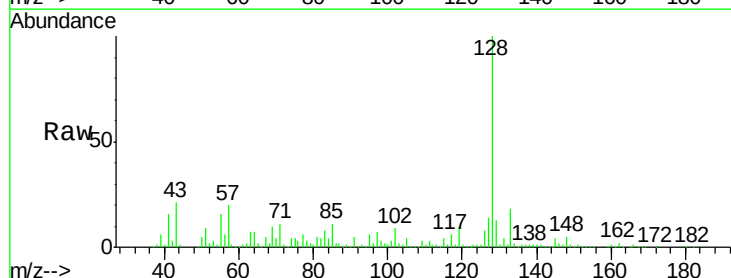
Manual Integrations
APPROVED

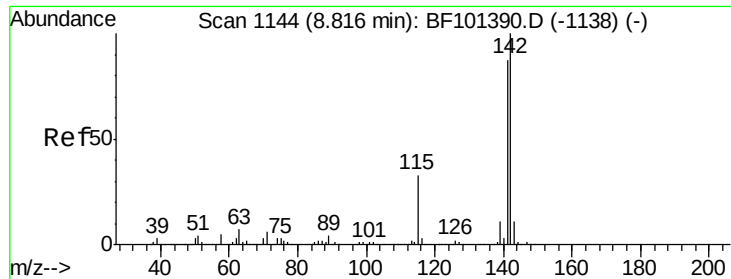
Sohil
1/3/2018 10:26:19 AM



#31
Naphthalene
Concen: 22.50 ng
RT: 8.09 min Scan# 1020
Delta R.T. 0.00 min
Lab File: BF101852.D
Acq: 2 Jan 2018 15:44

Tgt Ion	Ratio	Lower	Upper
128	100		
129	12.5	8.8	13.2
127	13.9	10.9	16.3





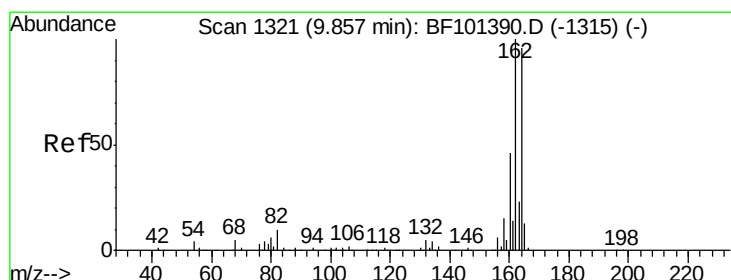
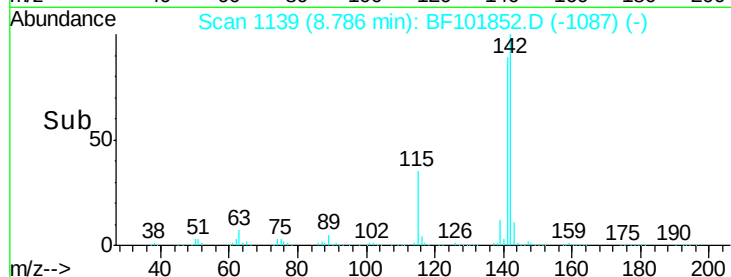
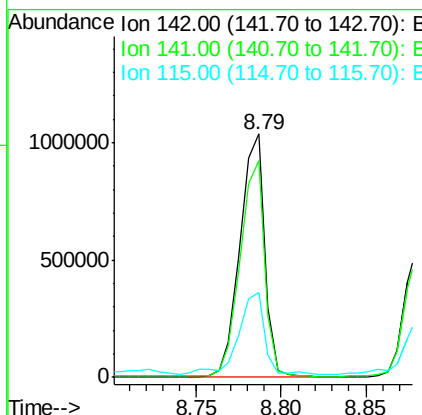
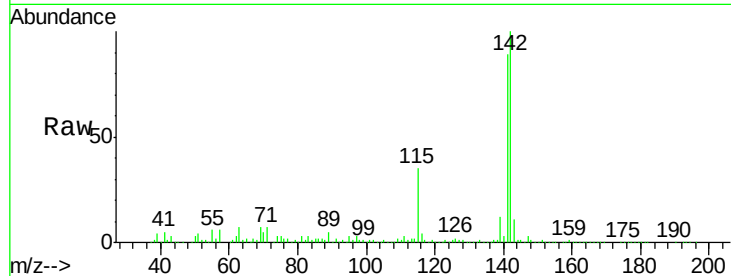
#37
2-Methylnaphthalene
Concen: 70.96 ng
RT: 8.79 min Scan# 1139
Delta R.T. 0.01 min
Lab File: BF101852.D
Acq: 2 Jan 2018 15:44

Instrument :
BNA_F
ClientSampled :
LB-6DL

Tgt Ion:142 Resp: 1056676
Ion Ratio Lower Upper
142 100
141 89.0 70.8 106.2
115 34.9 26.1 39.1

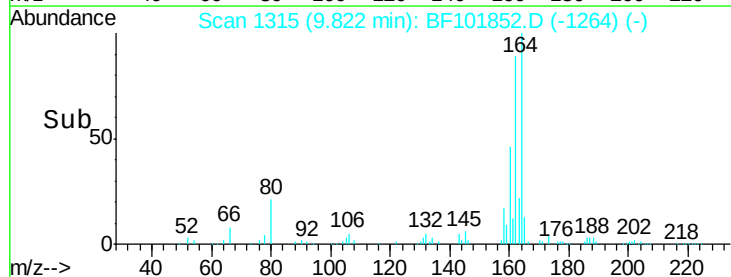
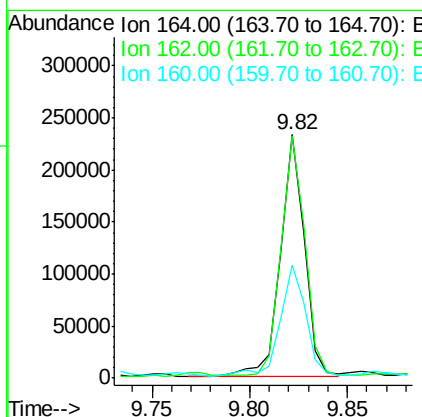
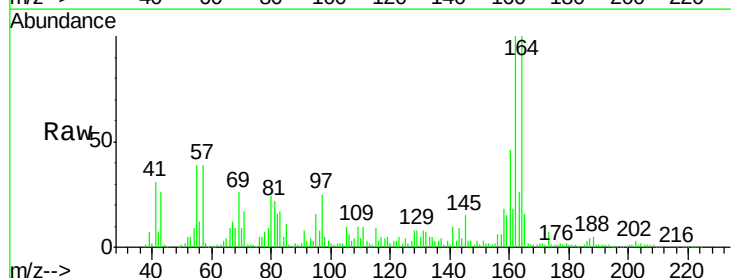
Manual Integrations
APPROVED

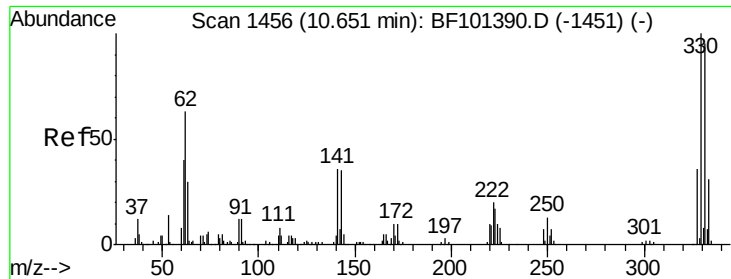
Sohil
1/3/2018 10:26:19 AM



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.82 min Scan# 1315
Delta R.T. 0.00 min
Lab File: BF101852.D
Acq: 2 Jan 2018 15:44

Tgt Ion:164 Resp: 197332
Ion Ratio Lower Upper
164 100
162 99.8 86.1 129.1
160 46.5 38.3 57.5





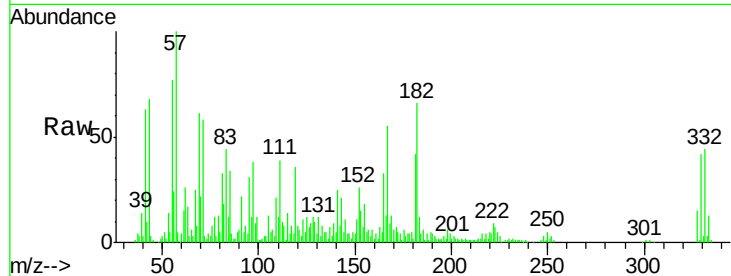
#41
 2,4,6-Tribromophenol
 Concen: 22.98 ng
 RT: 10.62 min Scan# 1451
 Delta R.T. 0.00 min
 Lab File: BF101852.D
 Acq: 2 Jan 2018 15:44

Instrument :
 BNA_F
 ClientSampled :
 LB-6DL

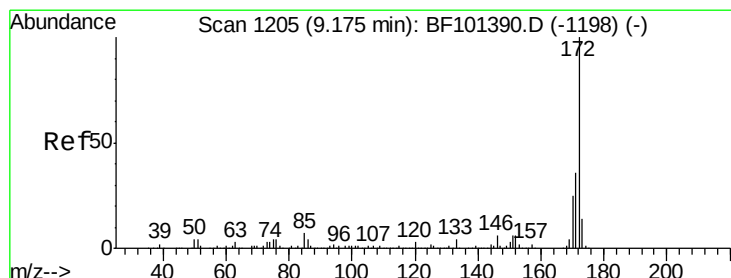
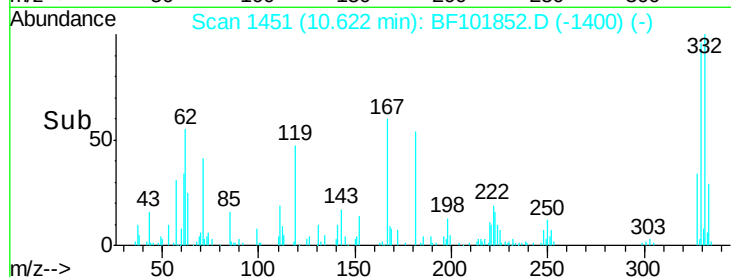
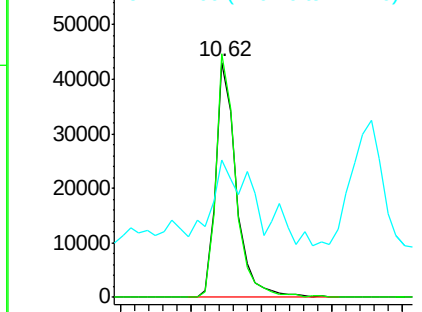
Tgt Ion	Ratio	Lower	Upper
330	100		
332	98.7	77.0	115.6
141	51.1	29.9	44.9

Manual Integrations
 APPROVED

Sohil
 1/3/2018 10:26:19 AM

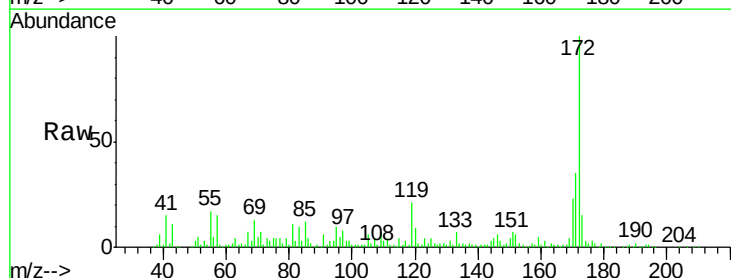


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

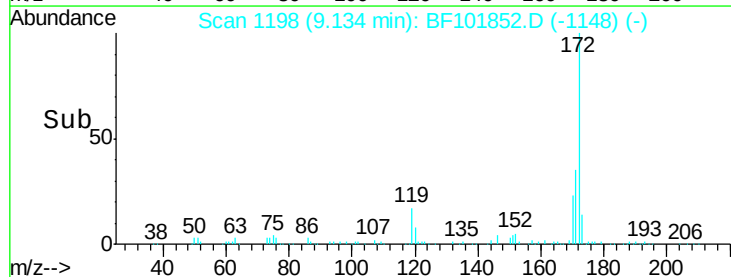
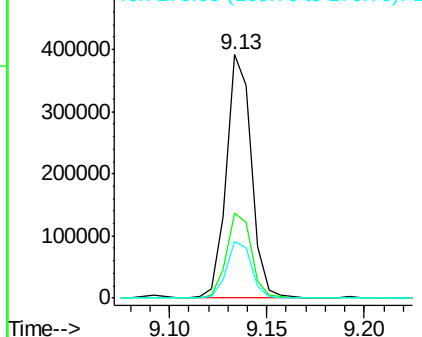


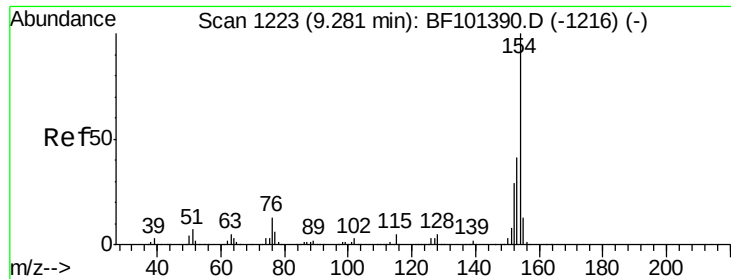
#44
 2-Fluorobiphenyl
 Concen: 27.13 ng
 RT: 9.13 min Scan# 1198
 Delta R.T. -0.01 min
 Lab File: BF101852.D
 Acq: 2 Jan 2018 15:44

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.0	29.7	44.5
170	23.4	19.6	29.4



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E





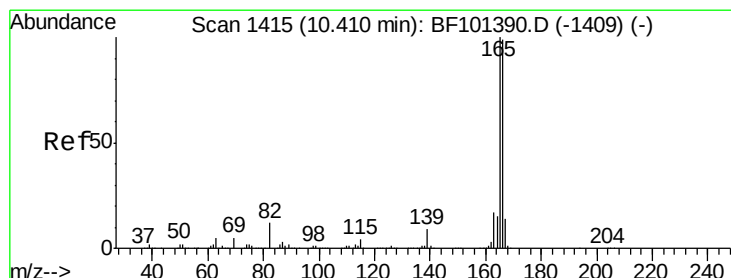
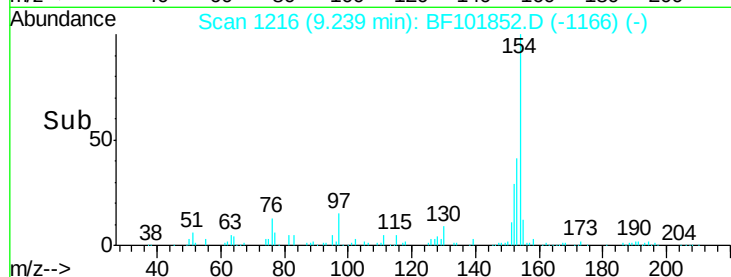
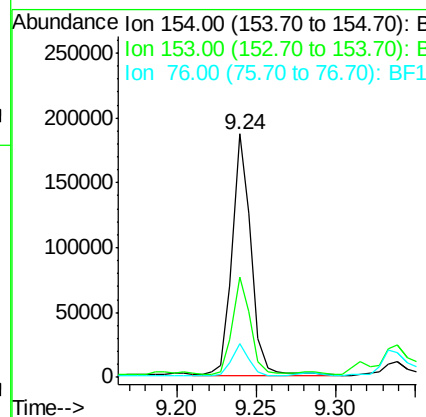
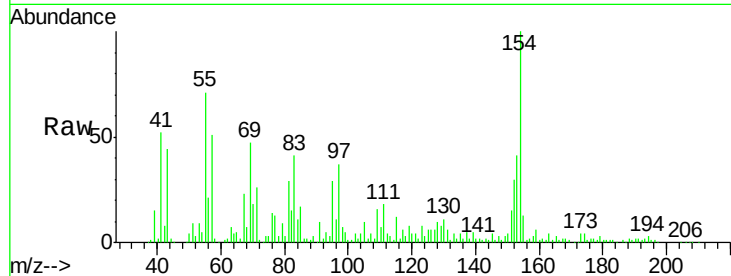
#45
1,1'-Biphenyl
Concen: 8.80 ng
RT: 9.24 min Scan# 1216
Delta R.T. -0.01 min
Lab File: BF101852.D
Acq: 2 Jan 2018 15:44

Instrument :
BNA_F
ClientSampled :
LB-6DL

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	153999		
153	41.2	21.3	61.3	
76	13.8	0.0	34.0	

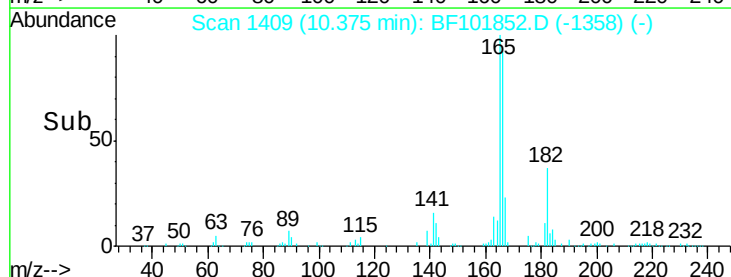
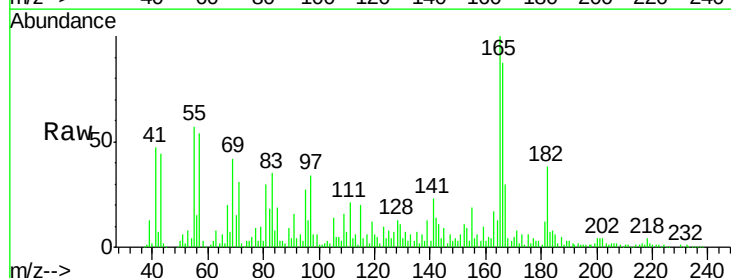
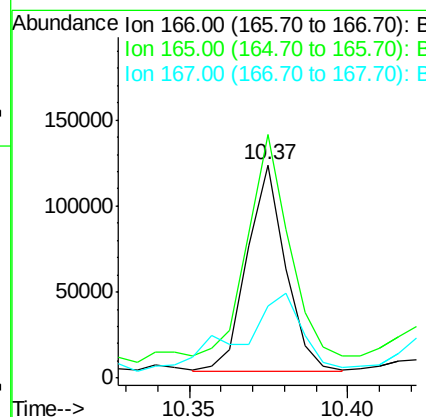
Manual Integrations
APPROVED

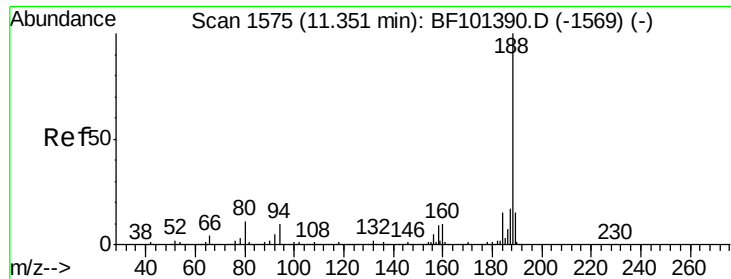
Sohil
1/3/2018 10:26:19 AM



#57
Fluorene
Concen: 7.39 ng
RT: 10.37 min Scan# 1409
Delta R.T. 0.00 min
Lab File: BF101852.D
Acq: 2 Jan 2018 15:44

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	100908		
165	114.3	79.8	119.8	
167	34.1	10.6	16.0	





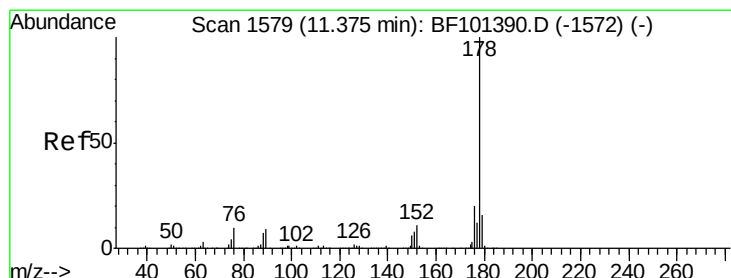
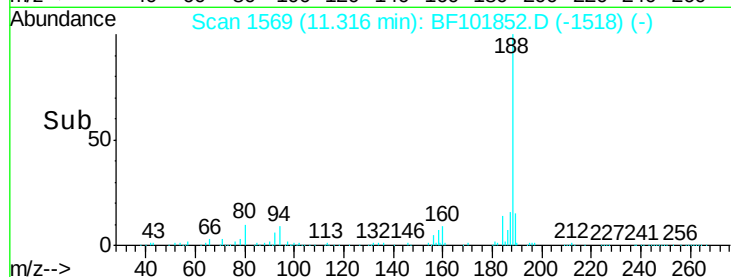
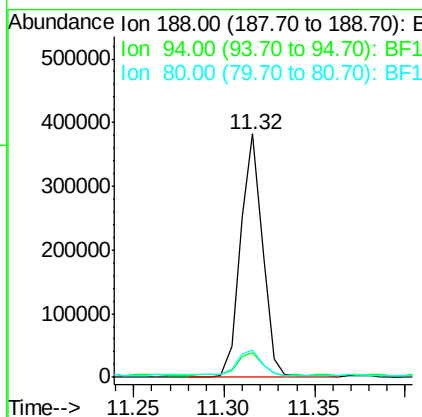
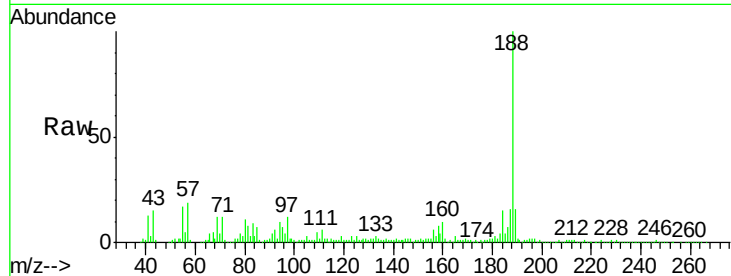
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.32 min Scan# 1569
Delta R.T. 0.00 min
Lab File: BF101852.D
Acq: 2 Jan 2018 15:44

Instrument :
BNA_F
ClientSampled :
LB-6DL

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	320413		
94	10.3		8.5	12.7
80	11.2		9.2	13.8

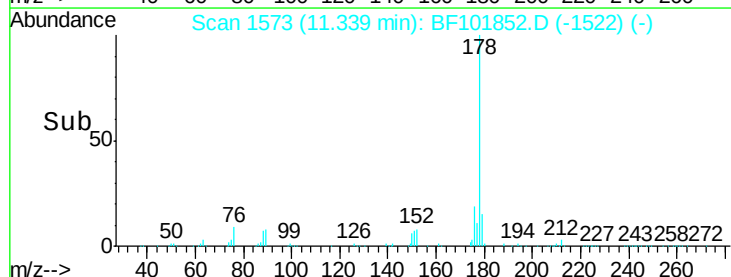
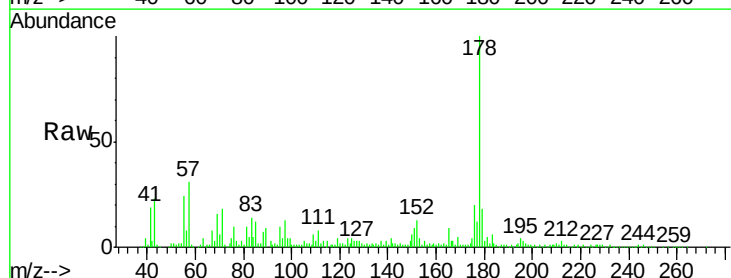
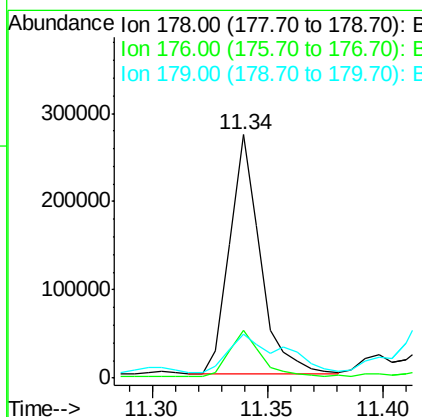
Manual Integrations
APPROVED

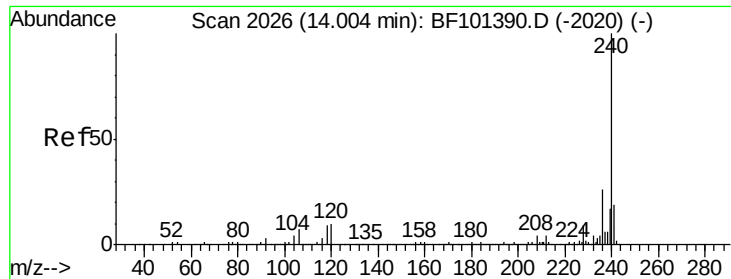
Sohil
1/3/2018 10:26:19 AM



#70
Phenanthrene
Concen: 14.19 ng
RT: 11.34 min Scan# 1573
Delta R.T. 0.00 min
Lab File: BF101852.D
Acq: 2 Jan 2018 15:44

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	252833		
176	19.8		15.8	23.8
179	18.3		13.0	19.6





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.96 min Scan# 2019

Delta R.T. -0.01 min

Lab File: BF101852.D

Acq: 2 Jan 2018 15:44

Instrument :

BNA_F

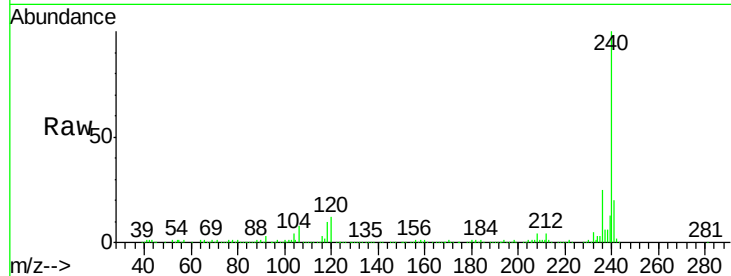
ClientSampled :

LB-6DL

Tgt Ion:	240	Resp:	292017
Ion Ratio	Lower	Upper	
240	100		
120	11.9	9.5	14.3
236	25.1	20.7	31.1

Manual Integrations
APPROVED

Sohil
1/3/2018 10:26:19 AM



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

13.96

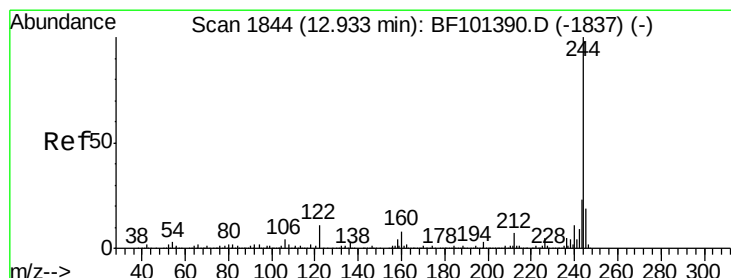
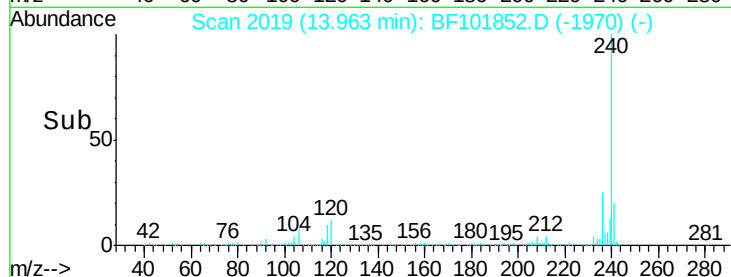
300000

200000

100000

0

Time-->



#78

Terphenyl-d14

Concen: 23.35 ng

RT: 12.89 min Scan# 1836

Delta R.T. -0.01 min

Lab File: BF101852.D

Acq: 2 Jan 2018 15:44

Tgt Ion:	244	Resp:	282876
Ion Ratio	Lower	Upper	
244	100		
212	7.0	5.4	8.0
122	12.6	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

12.89

400000

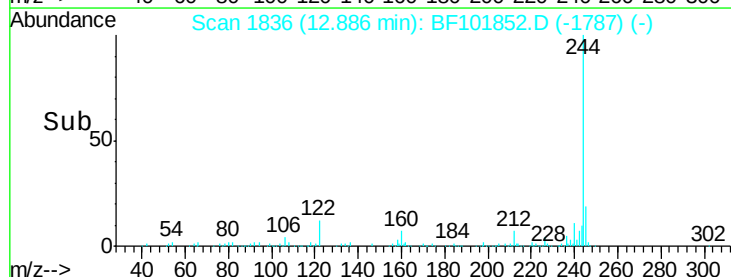
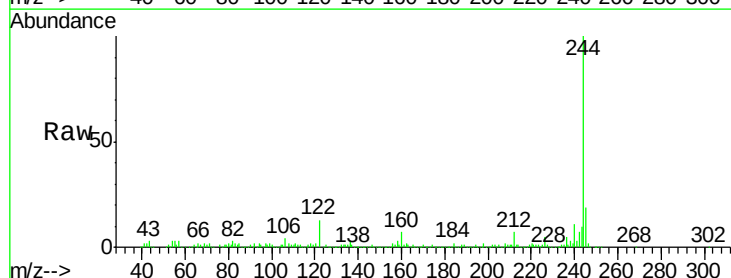
300000

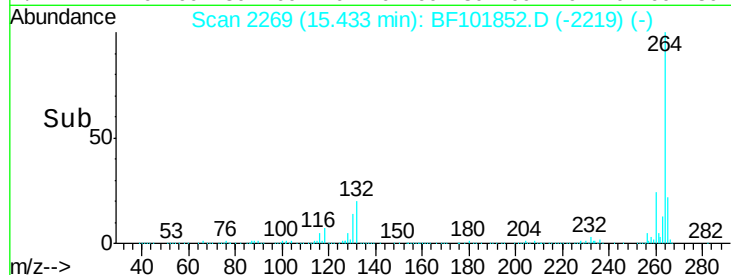
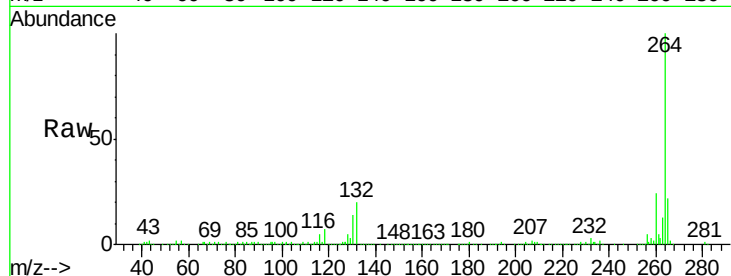
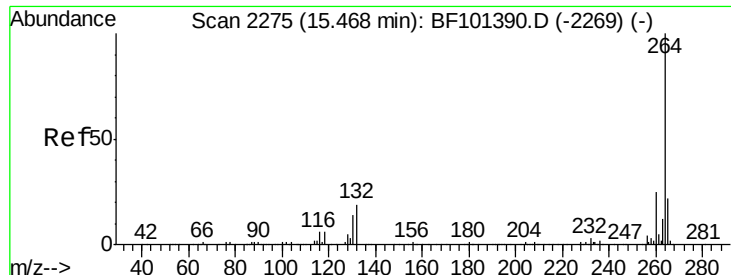
200000

100000

0

Time-->





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.43 min Scan# 2269
Delta R.T. -0.01 min
Lab File: BF101852.D
Acq: 2 Jan 2018 15:44

Instrument :
BNA_F
ClientSampleId :
LB-6DL

Tgt Ion:	264	Resp:	306044
Ion Ratio	Lower	Upper	
264	100		
260	23.6	19.2	28.8
265	21.5	17.5	26.3

Manual Integrations
APPROVED

Sohil
1/3/2018 10:26:19 AM

