

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031519\
 Data File : BF113078.D
 Acq On : 15 Mar 2019 21:04
 Operator : JU/SJ
 Sample : K1929-01
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RS-2(0.5-1.0)

Manual Integrations
 APPROVED

Sohil
 3/18/2019 2:59:33 PM

Quant Time: Mar 16 00:25:04 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 13 03:42:55 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	131449	20.00	ng	0.00
21) Naphthalene-d8	8.01	136	493689	20.00	ng	0.00
39) Acenaphthene-d10	9.76	164	239089	20.00	ng	-0.01
64) Phenanthrene-d10	11.23	188	492761	20.00	ng	-0.01
76) Chrysene-d12	13.86	240	386659	20.00	ng	0.00
87) Perylene-d12	15.27	264	395573	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.35	112	841790	99.62	ng	0.00
7) Phenol-d6	6.37	99	1095924	103.24	ng	0.00
23) Nitrobenzene-d5	7.29	82	658910	79.86	ng	-0.01
42) 2,4,6-Tribromophenol	10.55	330	346385	136.47	ng	0.00
45) 2-Fluorobiphenyl	9.08	172	1089790	72.69	ng	-0.01
79) Terphenyl-d14	12.82	244	1130692	56.69	ng	0.00
Target Compounds						
10) Phenol	6.38	94	37752	3.048	ng	91
50) Dimethylphthalate	9.47	163	99846	5.664	ng	99
75) Fluoranthene	12.44	202	344476	13.114	ng	97
78) Pyrene	12.67	202	260650	7.996	ng	98
81) Benzo(a)anthracene	13.85	228	87334	3.259	ng	98
83) Chrysene	13.89	228	141645	5.396	ng	97
88) Benzo(b)fluoranthene	14.87	252	153735m	6.008	ng	
89) Benzo(k)fluoranthene	14.89	252	52189m	2.252	ng	

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

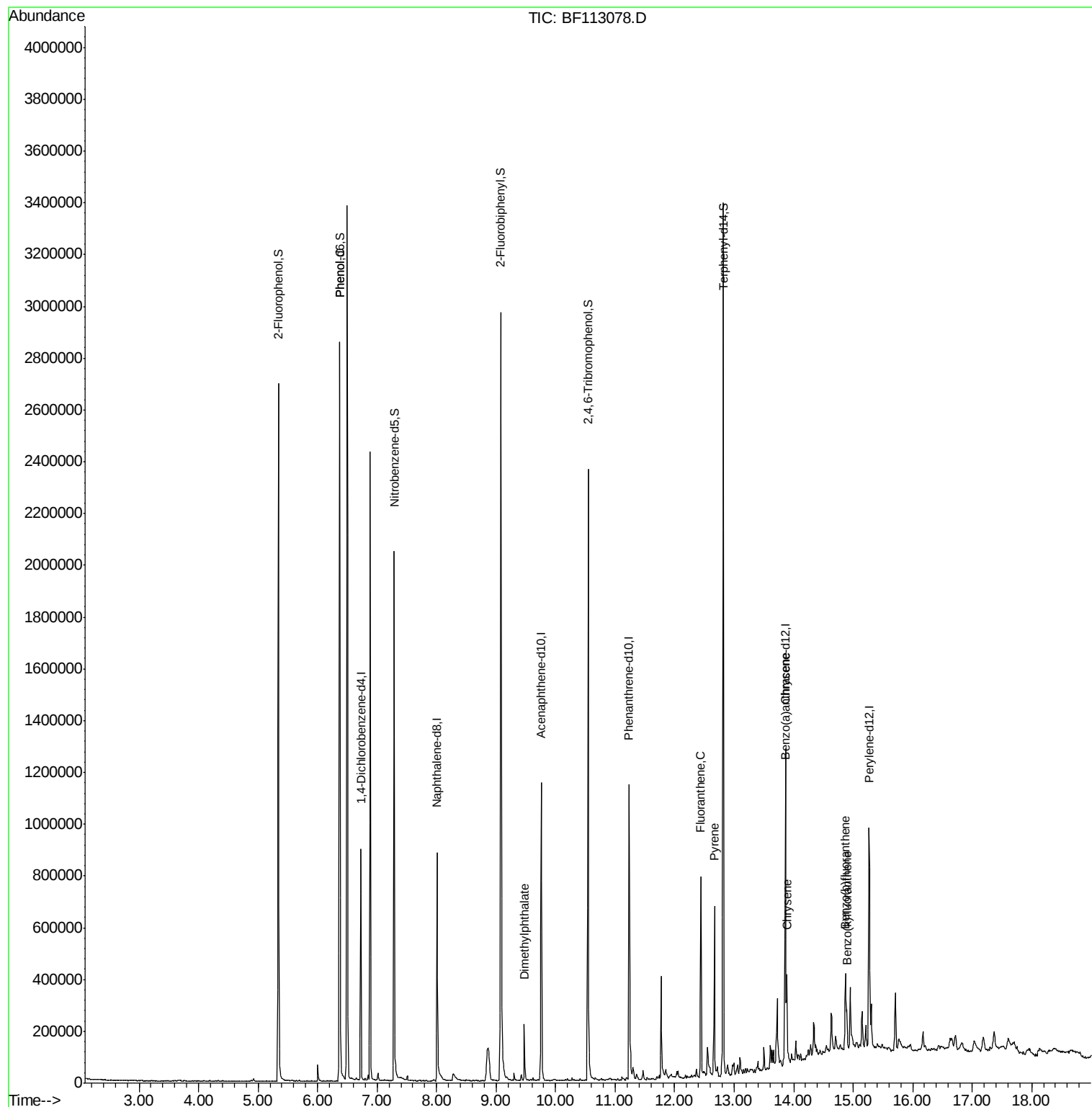
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031519\
Data File : BF113078.D
Acq On : 15 Mar 2019 21:04
Operator : JU/SJ
Sample : K1929-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

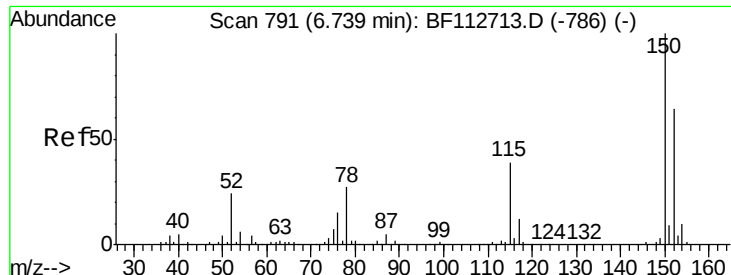
Instrument :
BNA_F
ClientSampleId :
RS-2(0.5-1.0)

Manual Integrations
APPROVED

Sohil
3/18/2019 2:59:33 PM

Quant Time: Mar 16 00:25:04 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 13 03:42:55 2019
Response via : Initial Calibration





#1

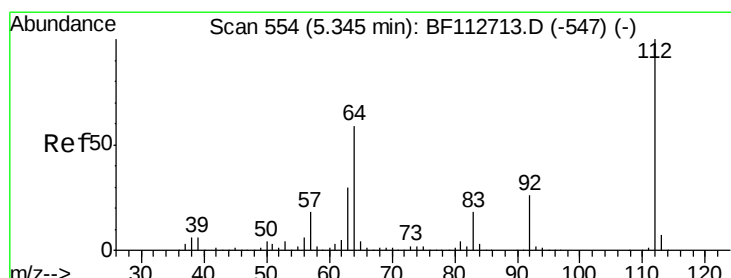
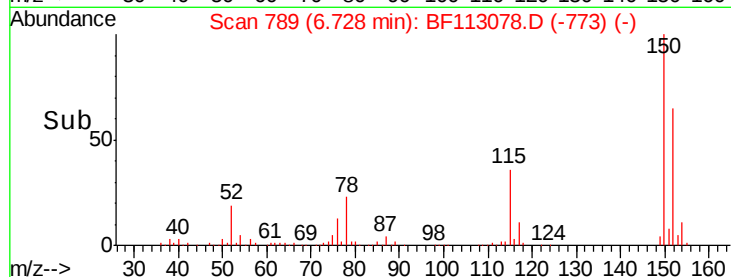
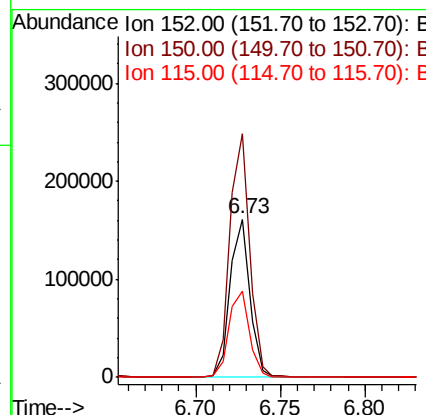
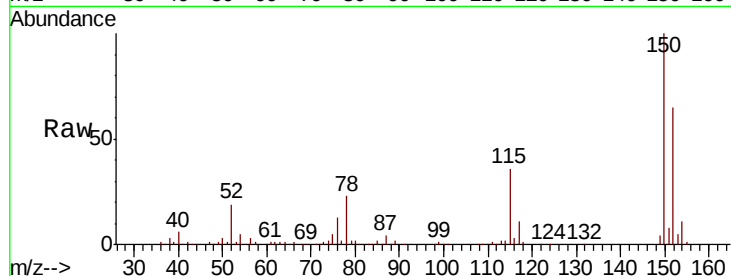
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.73 min Scan# 789
 Delta R.T. -0.01 min
 Lab File: BF113078.D
 Acq: 15 Mar 2019 21:04

Instrument :
 BNA_F
 ClientSampleId :
 RS-2(0.5-1.0)

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.2	124.2	186.2
115	54.9	48.2	72.4

Manual Integrations
 APPROVED

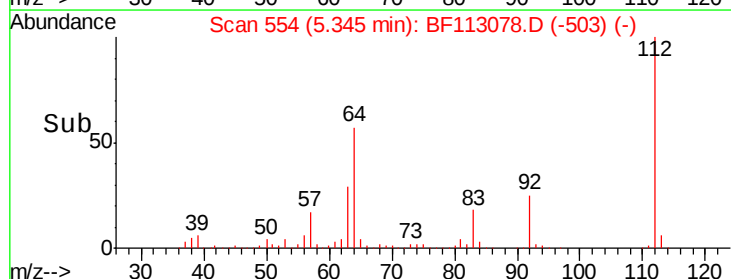
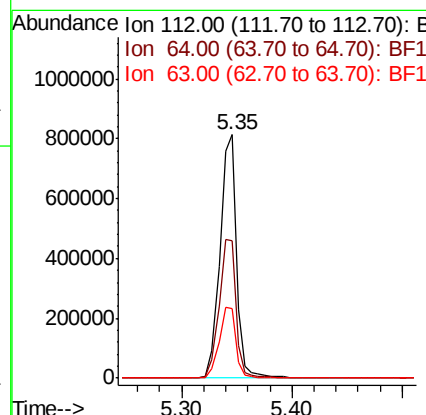
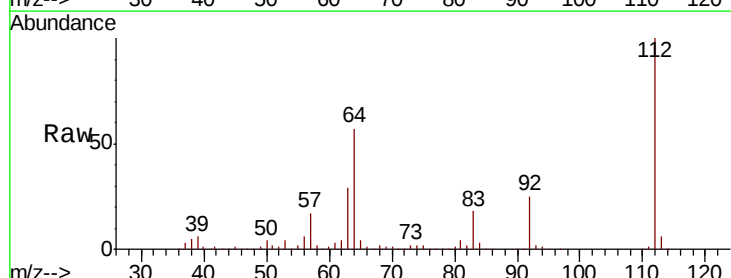
Sohil
 3/18/2019 2:59:33 PM

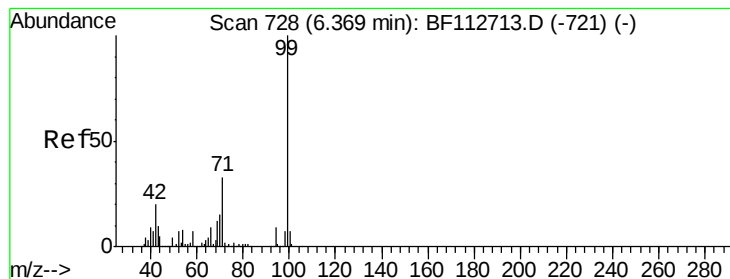


#5

2-Fluorophenol
 Concen: 99.616 ng
 RT: 5.35 min Scan# 554
 Delta R.T. -0.00 min
 Lab File: BF113078.D
 Acq: 15 Mar 2019 21:04

Tgt Ion	Ratio	Lower	Upper
112	100		
64	56.6	47.6	71.4
63	28.8	24.4	36.6





#7

Phenol-d6

Concen: 103.243 ng

RT: 6.37 min Scan# 729

Delta R.T. -0.00 min

Lab File: BF113078.D

Acq: 15 Mar 2019 21:04

Instrument :

BNA_F

ClientSampleId :

RS-2(0.5-1.0)

Tot Ion: 99 Resp: 1095924

Ion Ratio Lower Upper

99 100

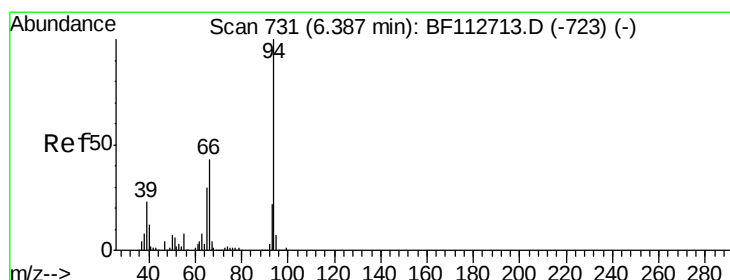
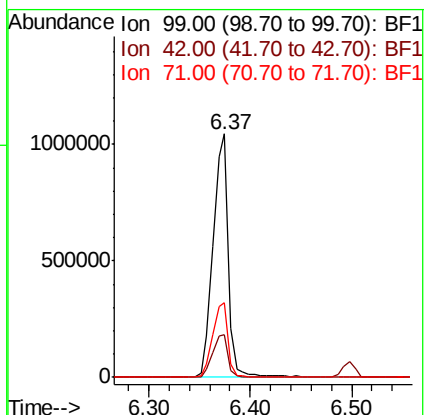
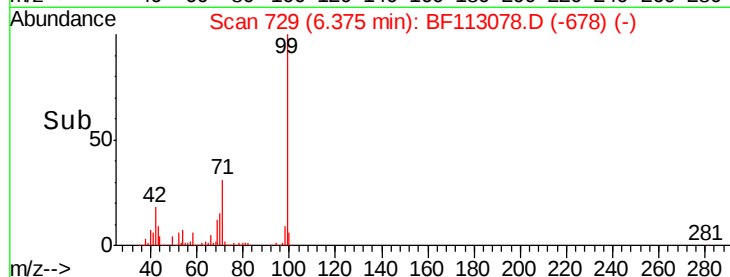
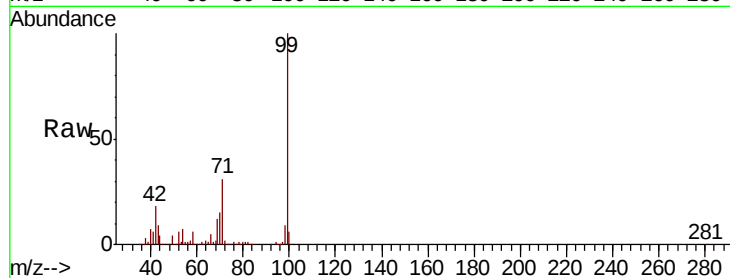
42 17.6 16.3 24.5

71 30.9 26.2 39.4

Manual Integrations
APPROVED

Sohil

3/18/2019 2:59:33 PM



#10

Phenol

Concen: 3.048 ng

RT: 6.38 min Scan# 730

Delta R.T. -0.01 min

Lab File: BF113078.D

Acq: 15 Mar 2019 21:04

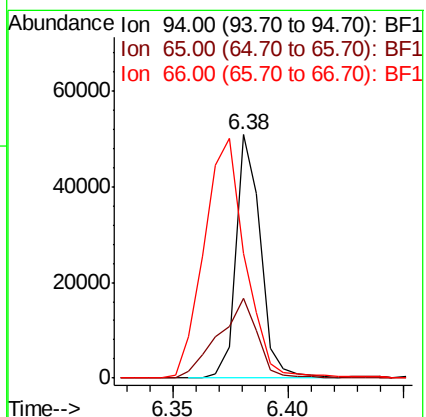
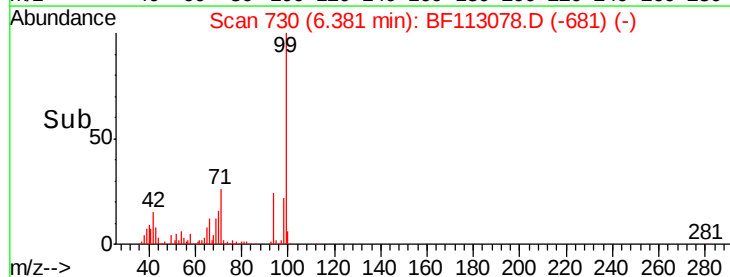
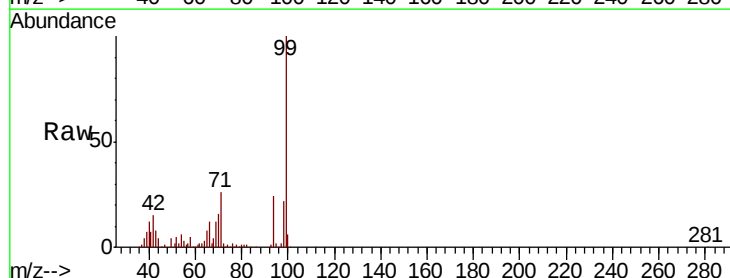
Tgt Ion: 94 Resp: 37752

Ion Ratio Lower Upper

94 100

65 32.9 10.5 50.5

66 51.0 22.6 62.6





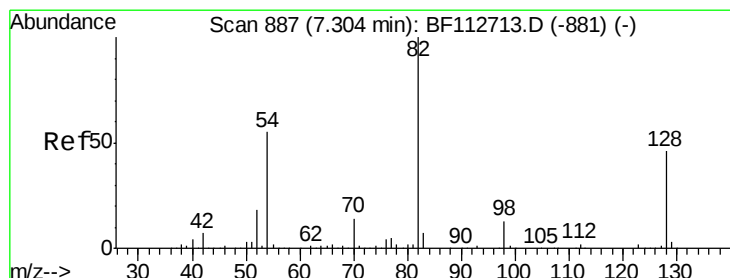
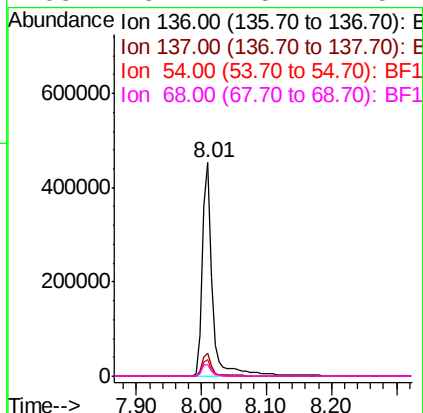
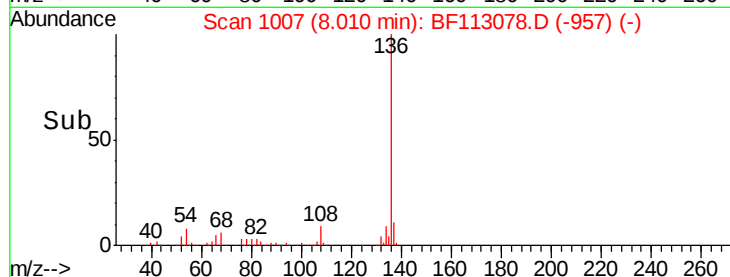
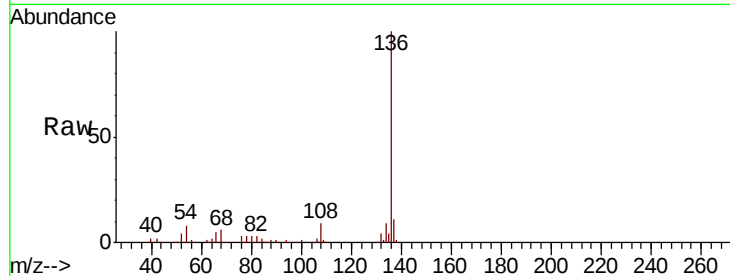
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.01 min Scan# 1007
Delta R.T. -0.01 min
Lab File: BF113078.D
Acq: 15 Mar 2019 21:04

Instrument :
BNA_F
ClientSampleId :
RS-2(0.5-1.0)

Tot Ion	Ratio	Resp	Lower	Upper
136	100	493689		
137	10.9	8.9	13.3	
54	7.6	7.3	10.9	
68	5.7	5.4	8.2	

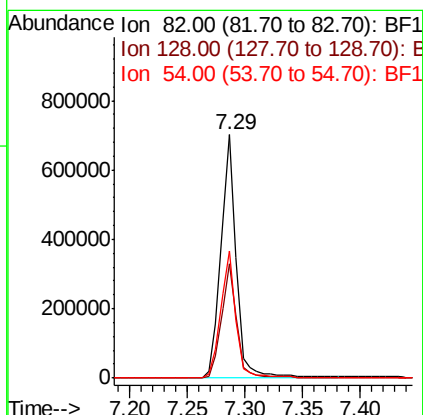
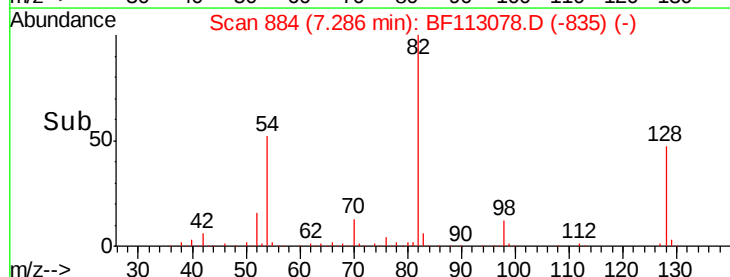
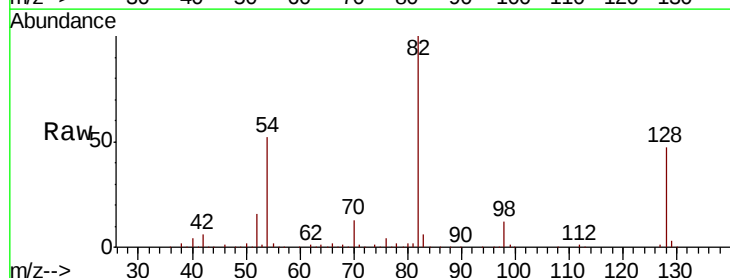
Manual Integrations
APPROVED

Sohil
3/18/2019 2:59:33 PM



#23
Nitrobenzene-d5
Concen: 79.864 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.01 min
Lab File: BF113078.D
Acq: 15 Mar 2019 21:04

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	658910		
128	47.0	36.3	54.5	
54	52.1	43.7	65.5	





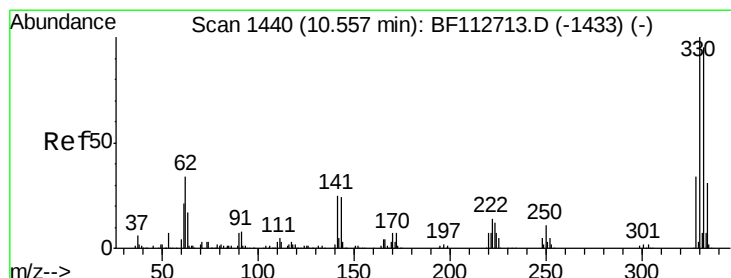
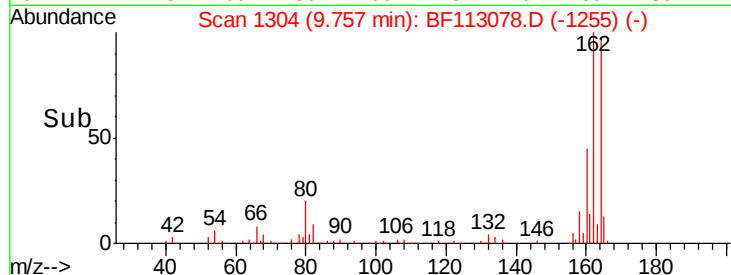
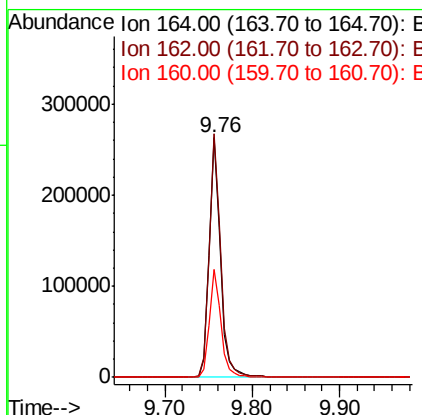
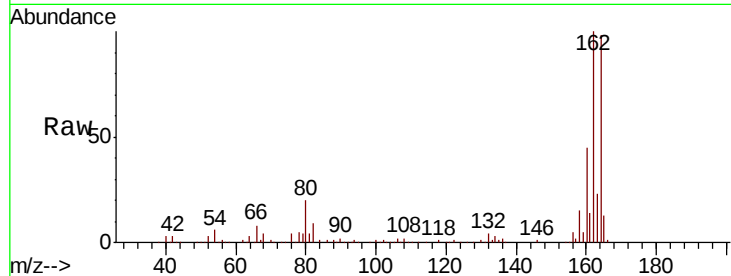
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.76 min Scan# 1304
Delta R.T. -0.01 min
Lab File: BF113078.D
Acq: 15 Mar 2019 21:04

Instrument :
BNA_F
ClientSampleId :
RS-2(0.5-1.0)

Tot Ion	Ratio	Resp	Lower	Upper
164	100	239089		
162	101.6	80.6	120.8	
160	45.3	36.0	54.0	

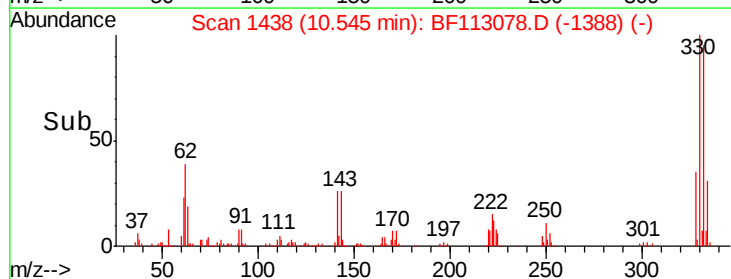
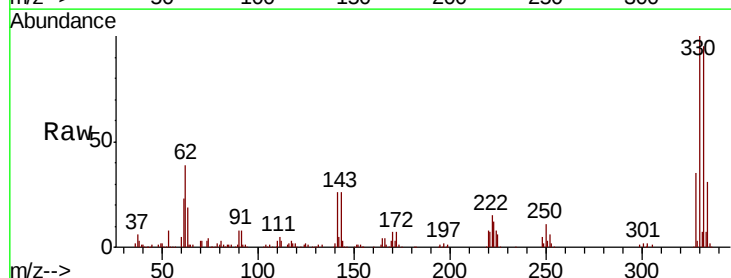
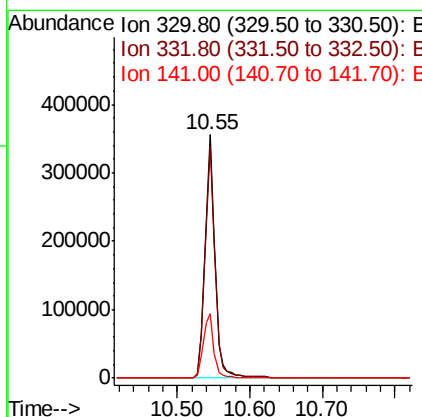
Manual Integrations
APPROVED

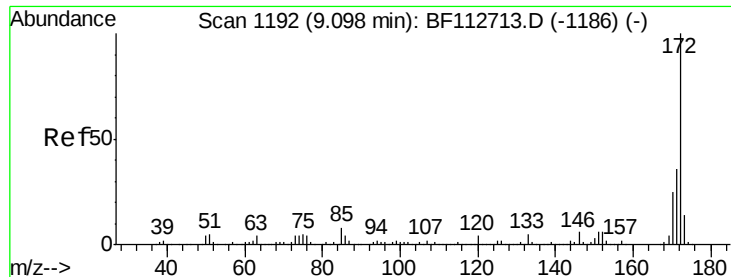
Sohil
3/18/2019 2:59:33 PM



#42
2,4,6-Tribromophenol
Concen: 136.467 ng
RT: 10.55 min Scan# 1438
Delta R.T. -0.01 min
Lab File: BF113078.D
Acq: 15 Mar 2019 21:04

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	346385		
332	96.2	76.2	114.4	
141	27.8	27.0	40.6	





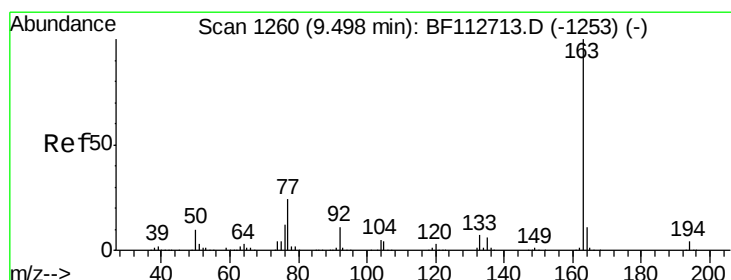
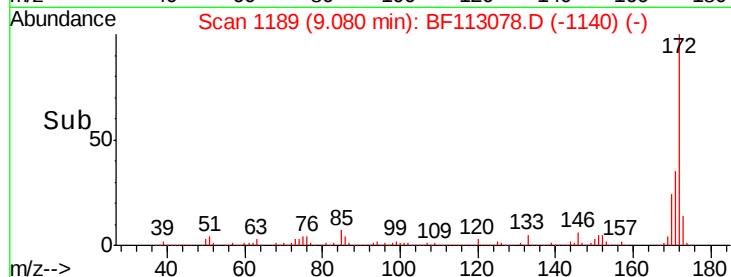
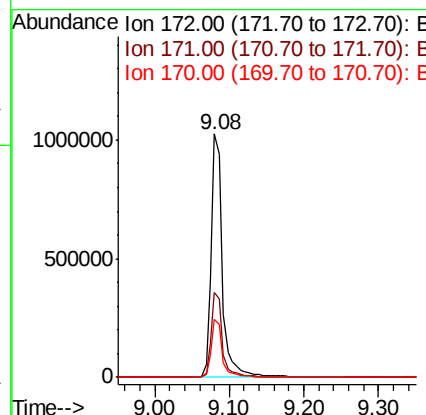
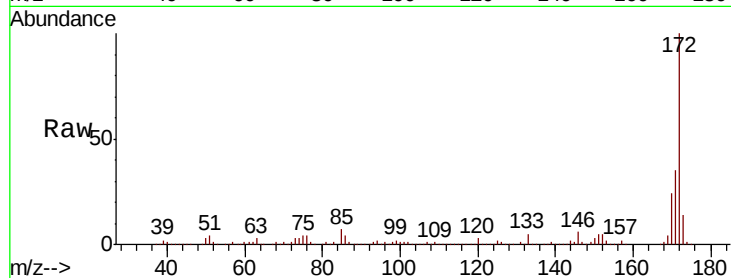
#45
2-Fluorobiphenyl
Concen: 72.689 ng
RT: 9.08 min Scan# 1189
Delta R.T. -0.01 min
Lab File: BF113078.D
Acq: 15 Mar 2019 21:04

Instrument :
BNA_F
ClientSampleId :
RS-2(0.5-1.0)

Tot Ion	Ratio	Lower	Upper
172	100		
171	35.1	29.0	43.4
170	23.8	20.0	30.0

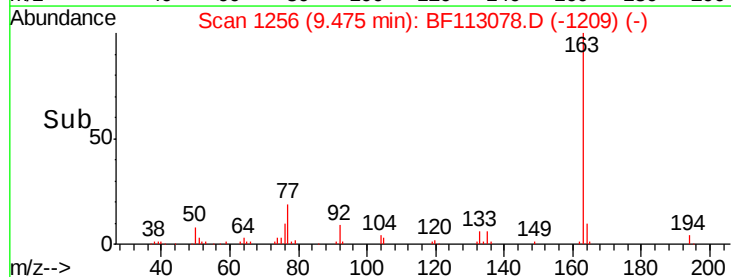
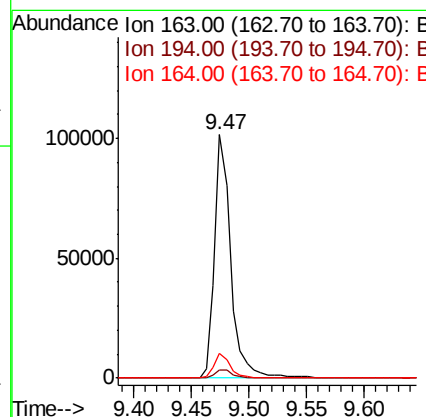
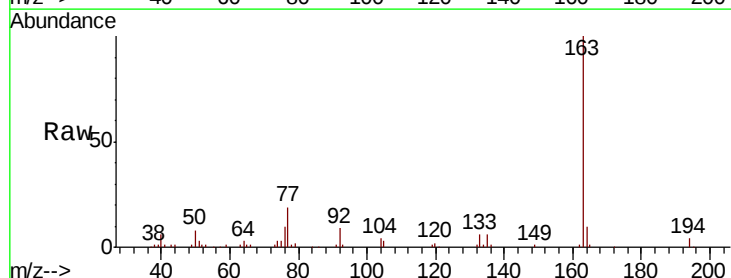
Manual Integrations
APPROVED

Sohil
3/18/2019 2:59:33 PM



#50
Dimethylphthalate
Concen: 5.664 ng
RT: 9.47 min Scan# 1256
Delta R.T. -0.02 min
Lab File: BF113078.D
Acq: 15 Mar 2019 21:04

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.6	3.0	4.4
164	9.9	8.4	12.6





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.23 min Scan# 1555

Delta R.T. -0.01 min

Lab File: BF113078.D

Acq: 15 Mar 2019 21:04

Instrument :

BNA_F

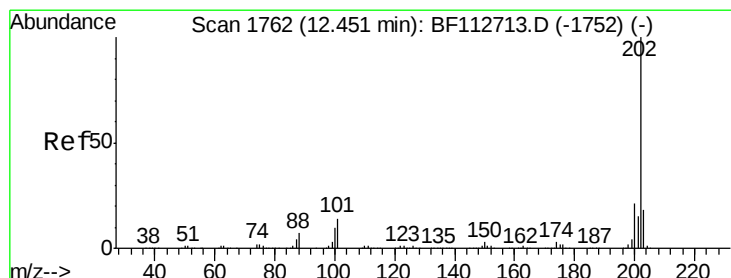
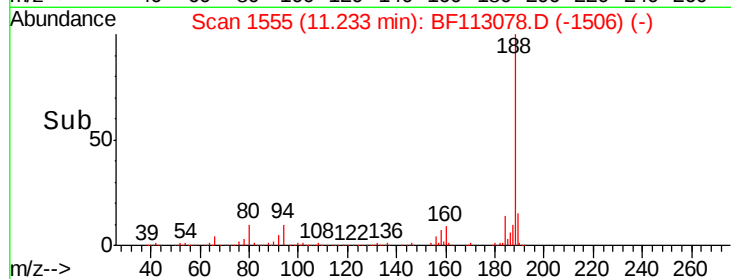
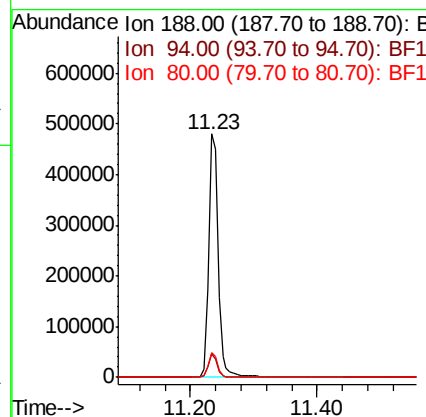
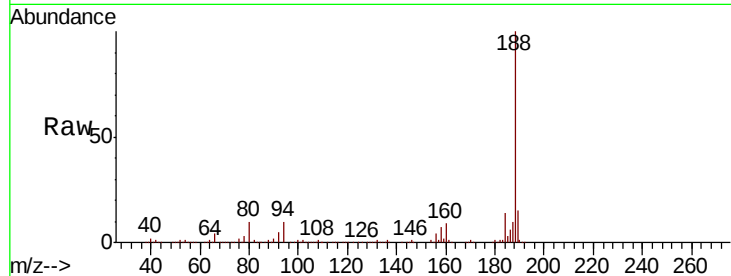
ClientSampleId :

RS-2(0.5-1.0)

Tot Ion:	188	Resp:	492761
Ion Ratio	Lower	Upper	
188	100		
94	9.7	9.0	13.4
80	10.3	9.2	13.8

Manual Integrations
APPROVED

Sohil
3/18/2019 2:59:33 PM



#75

Fluoranthene

Concen: 13.114 ng

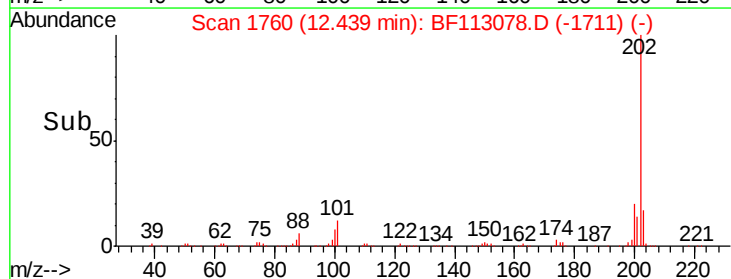
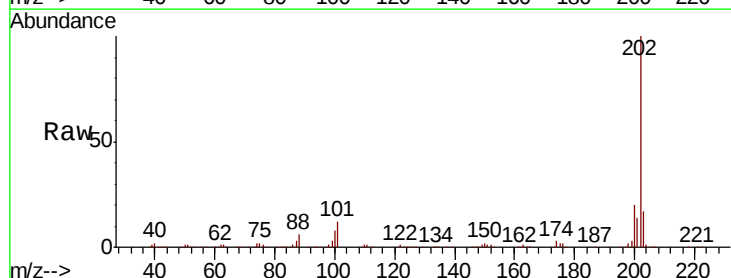
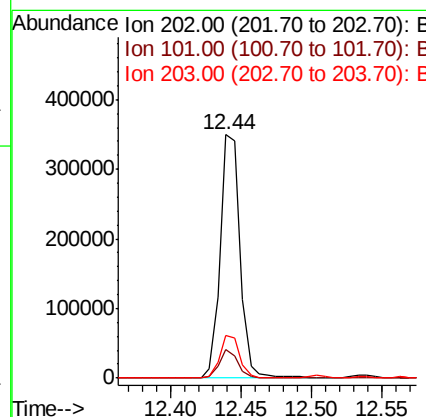
RT: 12.44 min Scan# 1760

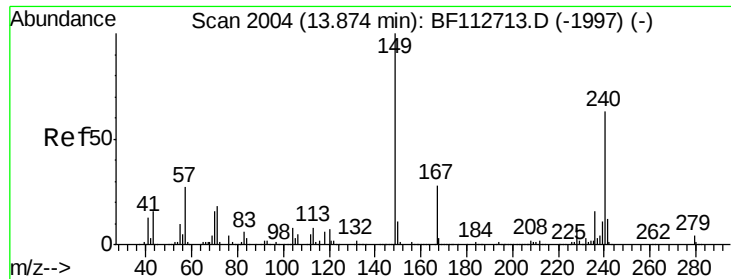
Delta R.T. -0.01 min

Lab File: BF113078.D

Acq: 15 Mar 2019 21:04

Tgt Ion:	202	Resp:	344476
Ion Ratio	Lower	Upper	
202	100		
101	11.8	0.0	33.8
203	17.4	0.0	38.4





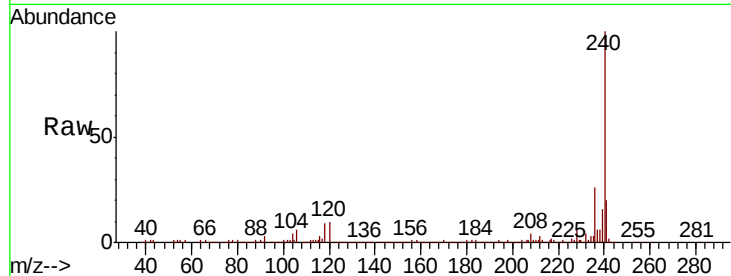
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.86 min Scan# 2002
Delta R.T. -0.01 min
Lab File: BF113078.D
Acq: 15 Mar 2019 21:04

Instrument :
BNA_F
ClientSampleId :
RS-2(0.5-1.0)

Tot Ion	Ratio	Resp	Lower	Upper
240	100	386659		
120	9.7	8.9	13.3	
236	25.7	20.7	31.1	

Manual Integrations
APPROVED

Sohil
3/18/2019 2:59:33 PM

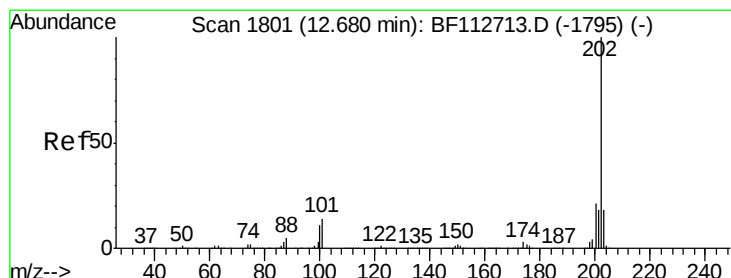
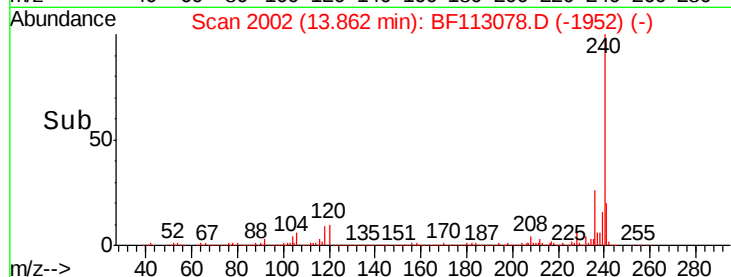
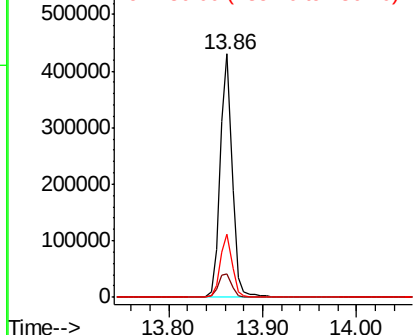


Abundance

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



#78
Pyrene
Concen: 7.996 ng
RT: 12.67 min Scan# 1799
Delta R.T. -0.01 min
Lab File: BF113078.D
Acq: 15 Mar 2019 21:04

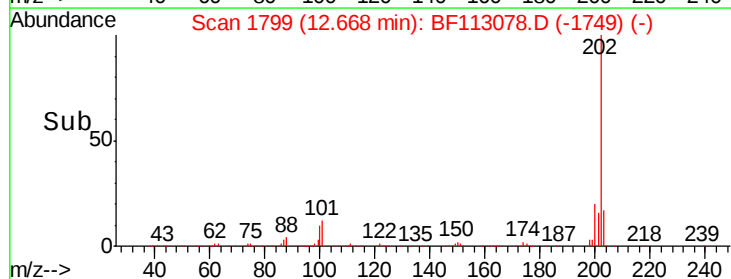
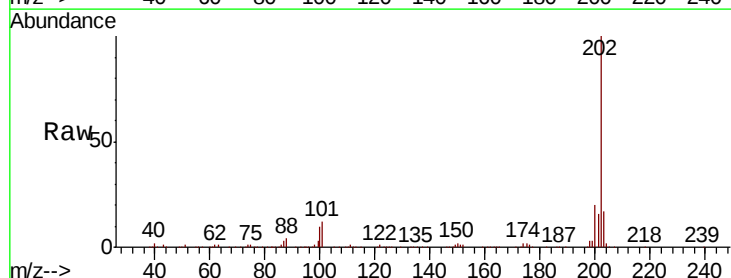
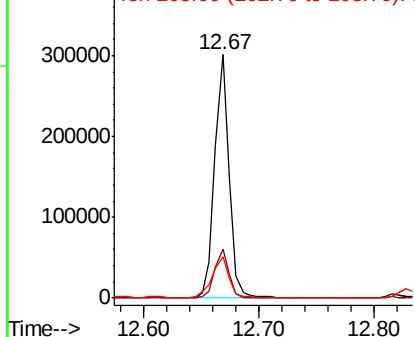
Tgt Ion	Ratio	Resp	Lower	Upper
202	100	260650		
200	20.4	17.0	25.4	
203	17.2	14.4	21.6	

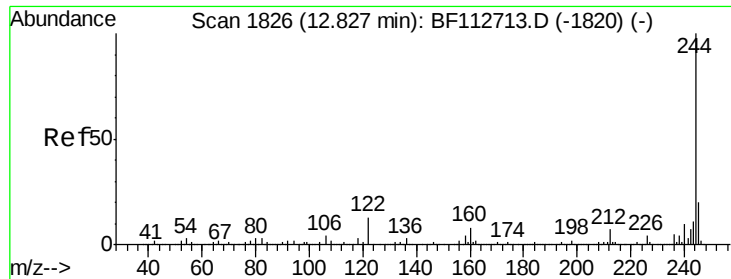
Abundance

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





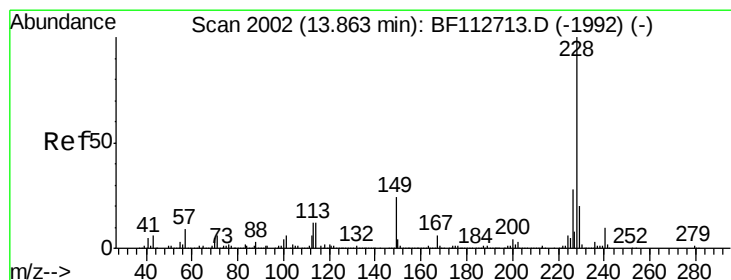
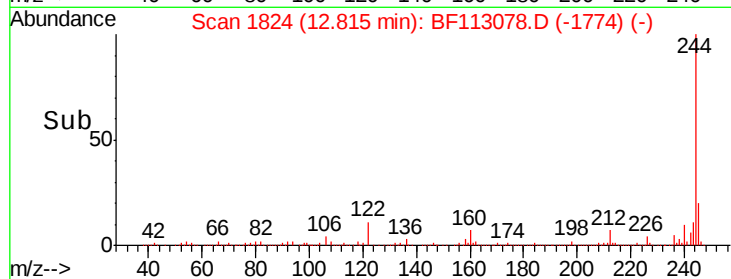
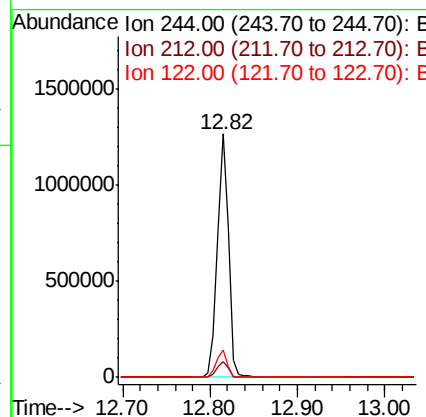
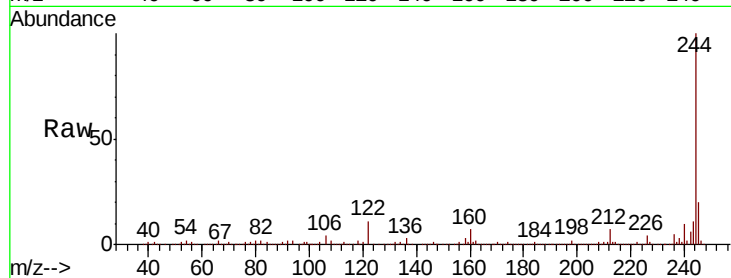
#79
 Terphenyl-d14
 Concen: 56.687 ng
 RT: 12.82 min Scan# 1824
 Delta R.T. -0.01 min
 Lab File: BF113078.D
 Acq: 15 Mar 2019 21:04

Instrument :
 BNA_F
 ClientSampleId :
 RS-2(0.5-1.0)

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.6	5.6	8.4
122	11.2	10.5	15.7

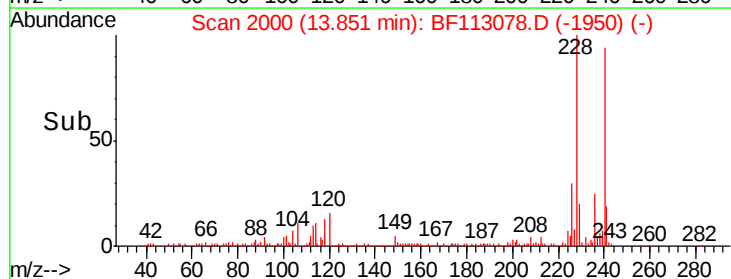
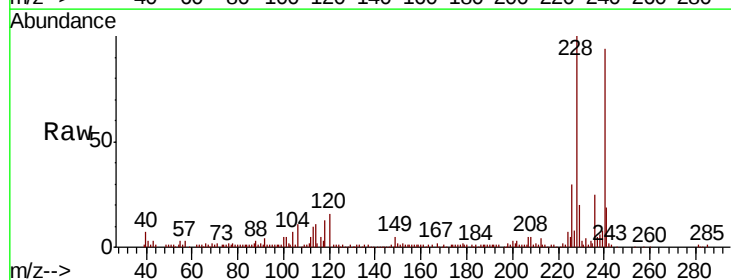
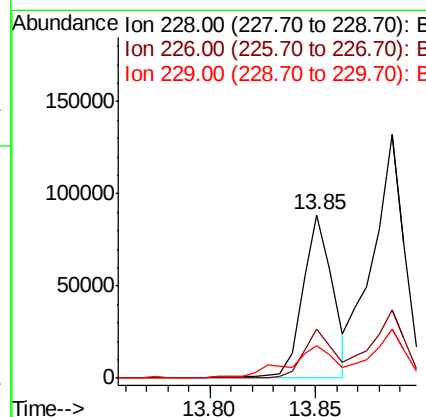
Manual Integrations
 APPROVED

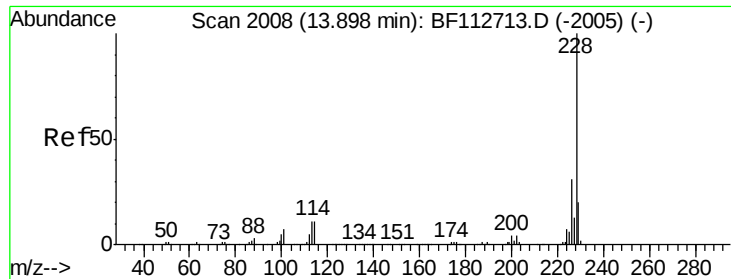
Sohil
 3/18/2019 2:59:33 PM



#81
 Benzo(a)anthracene
 Concen: 3.259 ng
 RT: 13.85 min Scan# 2000
 Delta R.T. -0.01 min
 Lab File: BF113078.D
 Acq: 15 Mar 2019 21:04

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.0	22.2	33.4
229	20.0	16.0	24.0





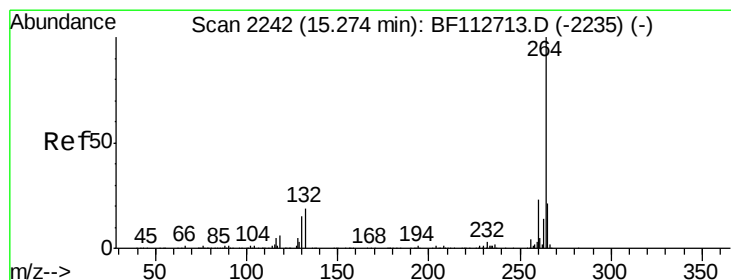
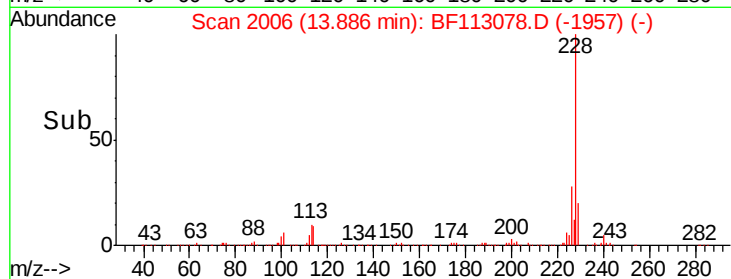
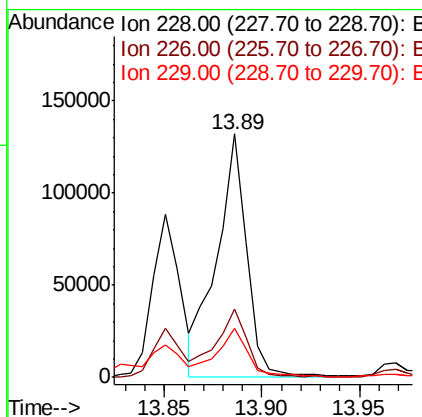
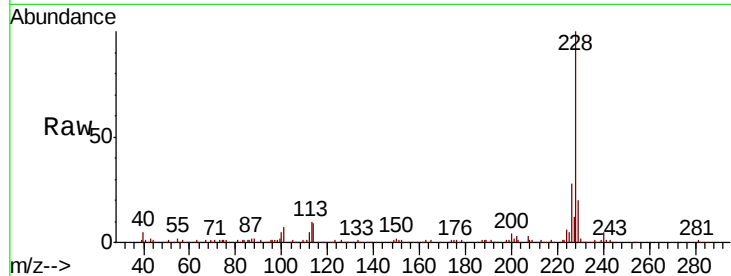
#83
Chrysene
Concen: 5.396 ng
RT: 13.89 min Scan# 2006
Delta R.T. -0.01 min
Lab File: BF113078.D
Acq: 15 Mar 2019 21:04

Instrument :
BNA_F
ClientSampleId :
RS-2(0.5-1.0)

Tot Ion	Ratio	Lower	Upper
228	100		
226	28.3	24.9	37.3
229	20.3	16.3	24.5

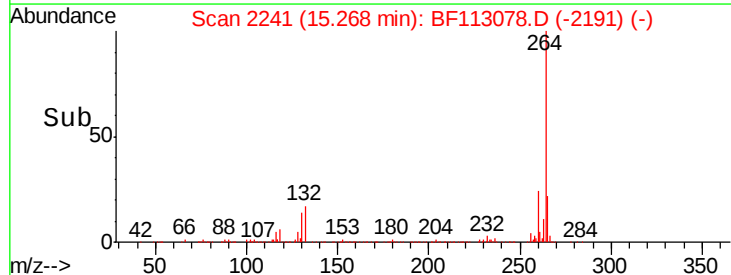
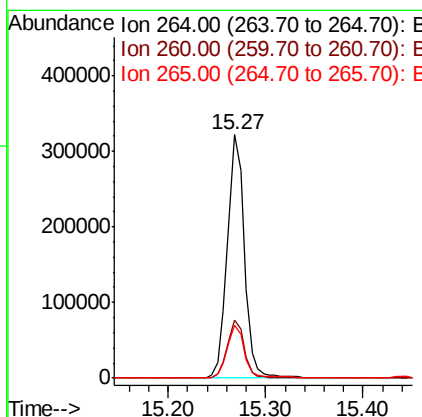
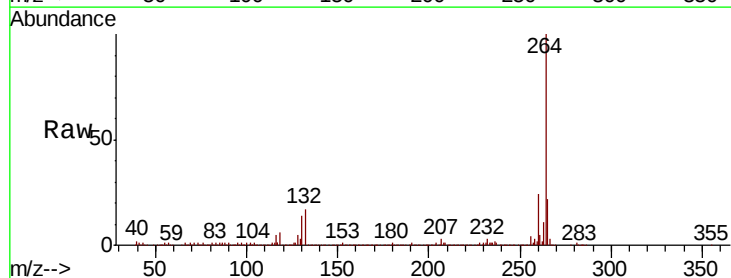
Manual Integrations
APPROVED

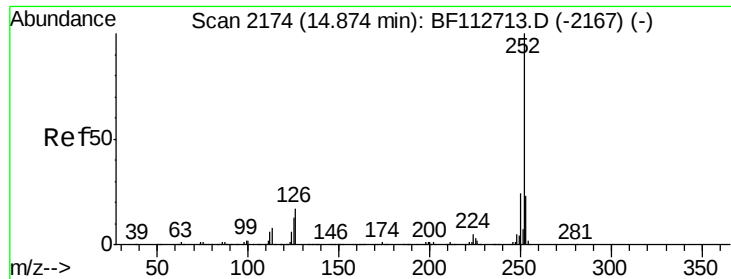
Sohil
3/18/2019 2:59:33 PM



#87
Perylene-d12
Concen: 20.000 ng
RT: 15.27 min Scan# 2241
Delta R.T. -0.01 min
Lab File: BF113078.D
Acq: 15 Mar 2019 21:04

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.9	18.7	28.1
265	21.8	17.2	25.8





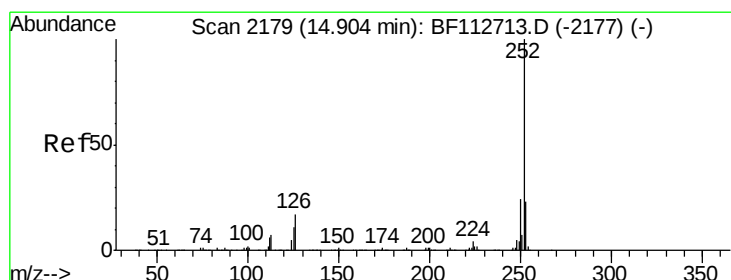
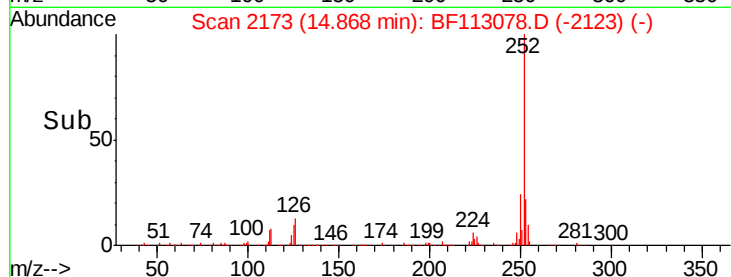
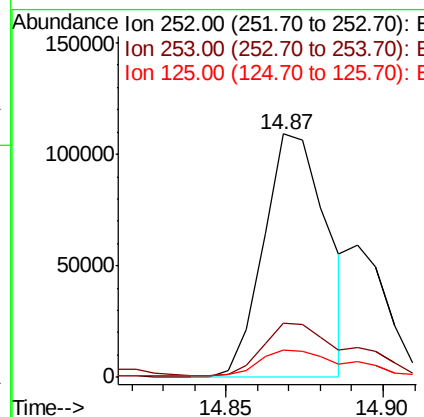
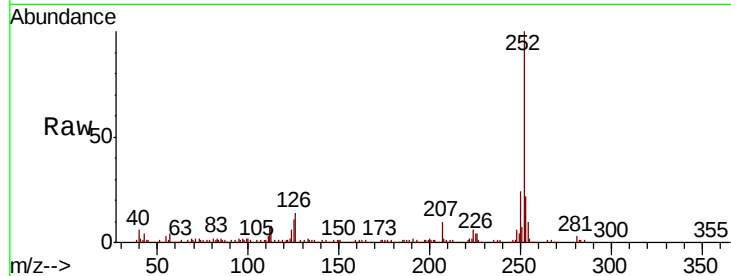
#88
Benzo(b)fluoranthene
Concen: 6.008 ng m
RT: 14.87 min Scan# 2173
Delta R.T. -0.01 min
Lab File: BF113078.D
Acq: 15 Mar 2019 21:04

Instrument :
BNA_F
ClientSampleId :
RS-2(0.5-1.0)

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.1	18.0	27.0
125	11.0	10.2	15.2

Manual Integrations
APPROVED

Sohil
3/18/2019 2:59:33 PM



#89
Benzo(k)fluoranthene
Concen: 2.252 ng m
RT: 14.89 min Scan# 2177
Delta R.T. -0.01 min
Lab File: BF113078.D
Acq: 15 Mar 2019 21:04

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.9	18.2	27.2
125	12.2	9.8	14.6

