

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF120718\
 Data File : BF111197.D
 Acq On : 7 Dec 2018 19:59
 Operator : JU/SJ
 Sample : J6214-15
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-1(10-12)

Manual Integrations
 APPROVED

Sohil
 12/11/2018 8:44:46 AM

Quant Time: Dec 08 01:54:29 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF120518.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 05 17:30:55 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	368857	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	1750578	20.00	ng	0.00
39) Acenaphthene-d10	9.84	164	851895	20.00	ng	0.00
64) Phenanthrene-d10	11.32	188	1302028	20.00	ng	0.00
76) Chrysene-d12	13.96	240	1019557	20.00	ng	0.00
87) Perylene-d12	15.39	264	843740	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	2355056	99.63	ng	0.00
7) Phenol-d6	6.43	99	2862191	94.00	ng	0.00
23) Nitrobenzene-d5	7.36	82	1596524	53.99	ng	0.00
42) 2,4,6-Tribromophenol	10.63	330	648020	95.70	ng	0.00
45) 2-Fluorobiphenyl	9.16	172	2981190	60.66	ng	0.00
79) Terphenyl-d14	12.91	244	2318791	46.58	ng	0.00
Target Compounds						
10) Phenol	6.45	94	201649	6.074	ng	92
50) Dimethylphthalate	9.55	163	478230	8.066	ng	99
75) Fluoranthene	12.53	202	216125	3.527	ng	96
78) Pyrene	12.76	202	211226	2.659	ng	93
88) Benzo(b)fluoranthene	14.97	252	139997m	2.928	ng	
90) Benzo(a)pyrene	15.33	252	112309	2.561	ng	99

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

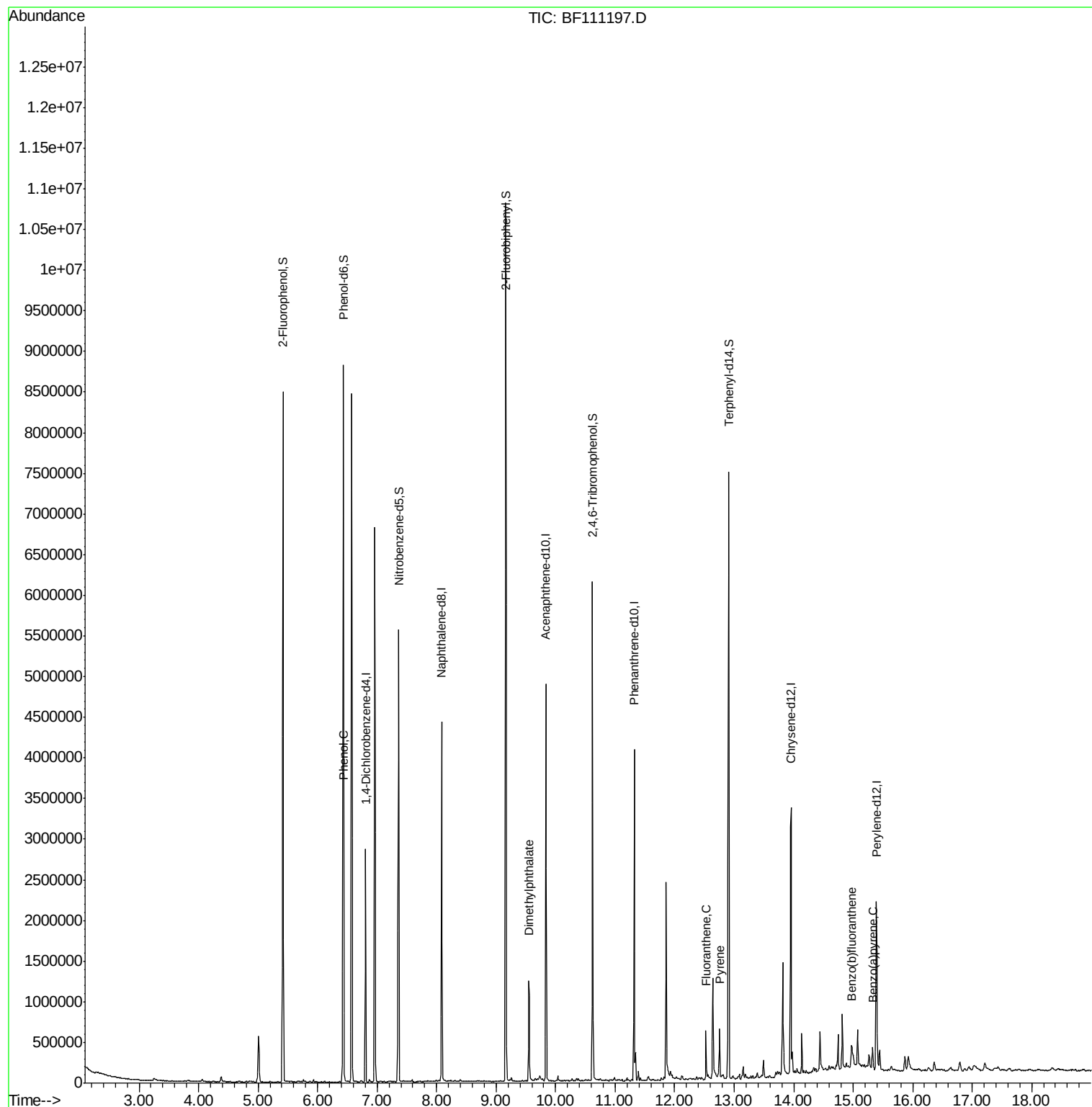
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF120718\
Data File : BF111197.D
Acq On : 7 Dec 2018 19:59
Operator : JU/SJ
Sample : J6214-15
Misc :
ALS Vial : 21 Sample Multiplier: 1

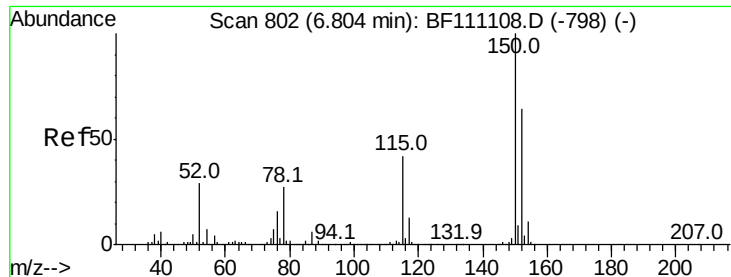
Instrument :
BNA_F
ClientSampleId :
SB-1(10-12)

Manual Integrations
APPROVED

Sohil
12/11/2018 8:44:46 AM

Quant Time: Dec 08 01:54:29 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF120518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 05 17:30:55 2018
Response via : Initial Calibration





#1

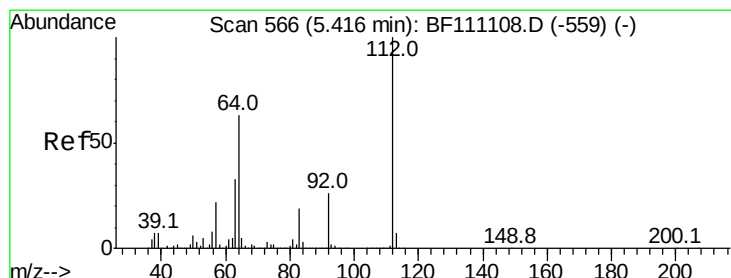
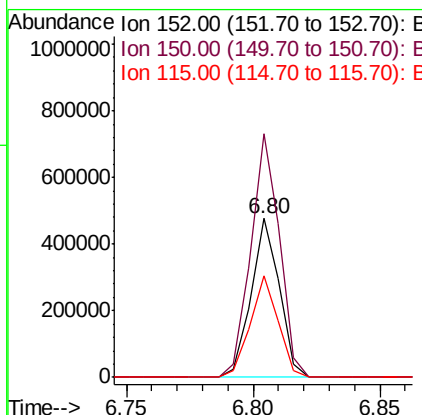
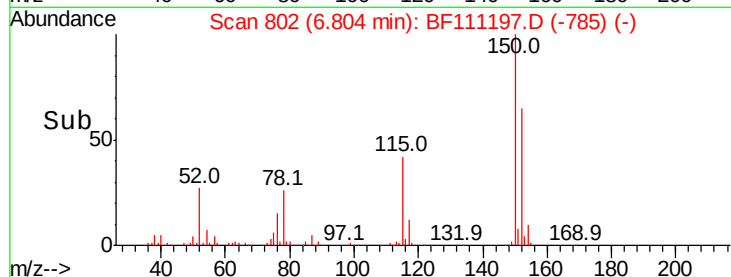
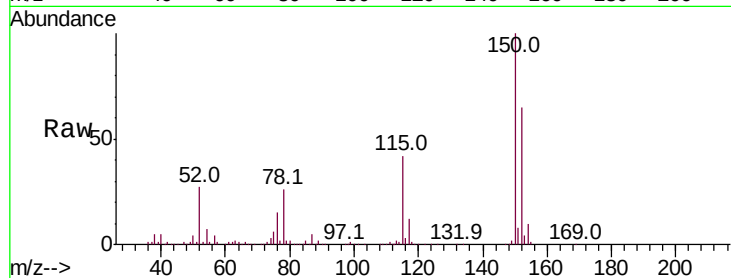
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 802
Delta R.T. -0.00 min
Lab File: BF111197.D
Acq: 7 Dec 2018 19:59

Instrument :
BNA_F
ClientSampled :
SB-1(10-12)

Tot Ion	Ratio	Lower	Upper
152	100		
150	153.4	124.6	187.0
115	63.7	52.2	78.2

Manual Integrations
APPROVED

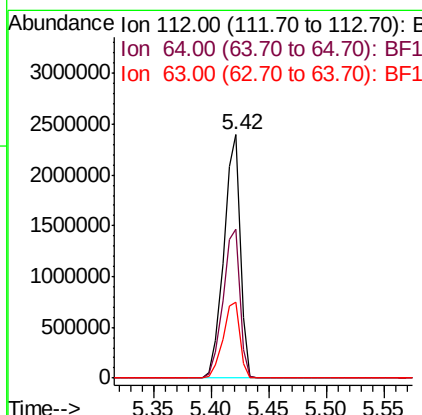
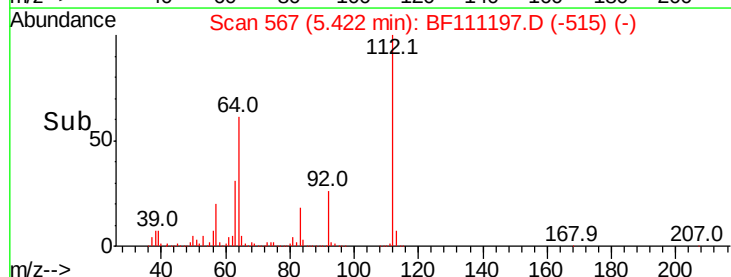
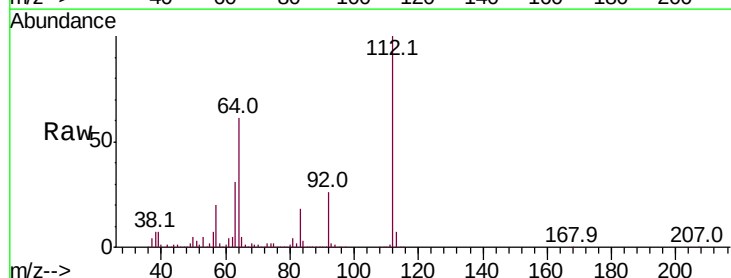
Sohil
12/11/2018 8:44:46 AM

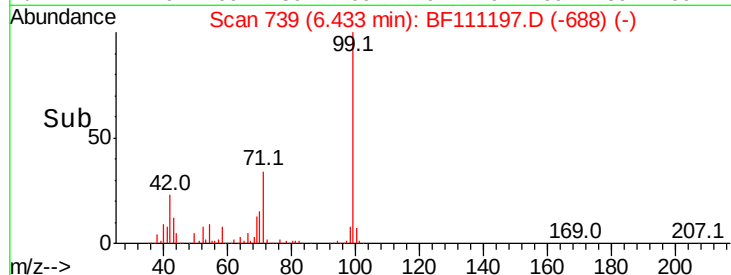
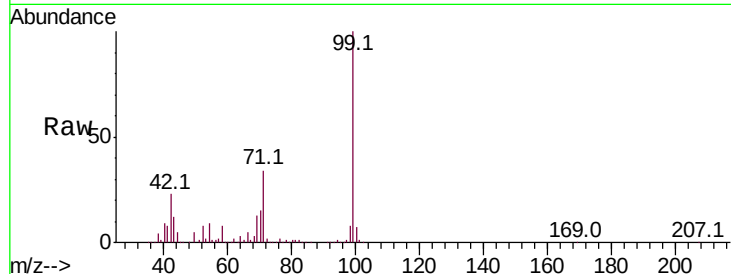
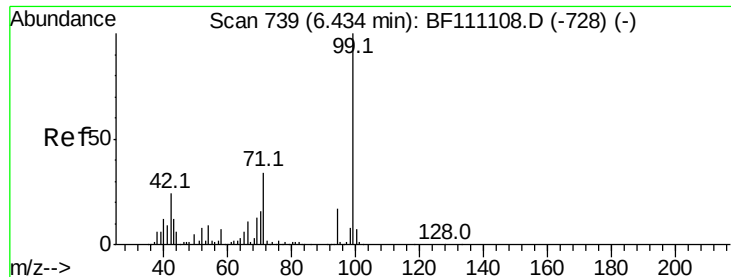


#5

2-Fluorophenol
Concen: 99.631 ng
RT: 5.42 min Scan# 567
Delta R.T. 0.01 min
Lab File: BF111197.D
Acq: 7 Dec 2018 19:59

Tgt Ion	Ratio	Lower	Upper
112	100		
64	61.0	50.2	75.4
63	31.4	26.6	39.8





#7

Phenol-d6

Concen: 93.998 ng

RT: 6.43 min Scan# 739

Delta R.T. -0.00 min

Lab File: BF111197.D

Acq: 7 Dec 2018 19:59

Tot Ion:	99	Resp:	2862191
Ion	Ratio	Lower	Upper
99	100		
42	22.6	19.3	28.9
71	33.9	27.4	41.2

Instrument :

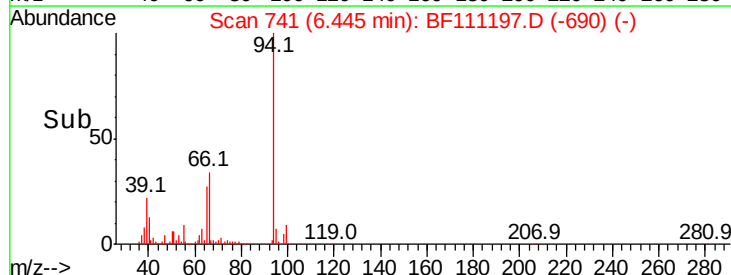
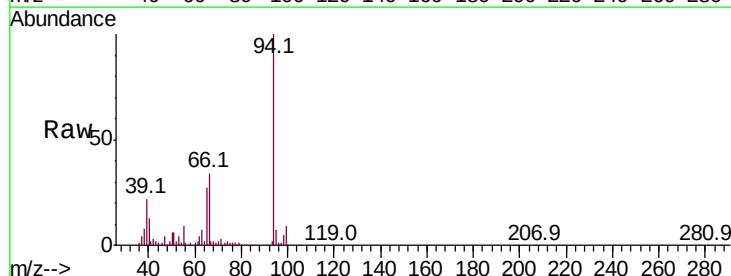
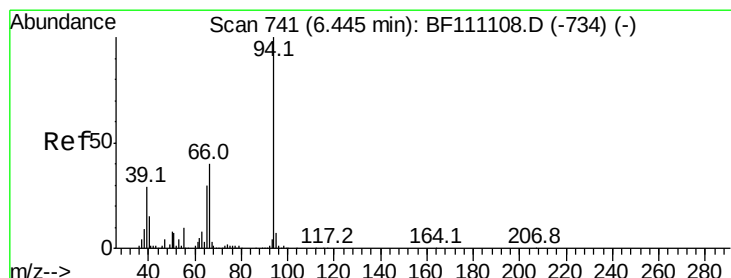
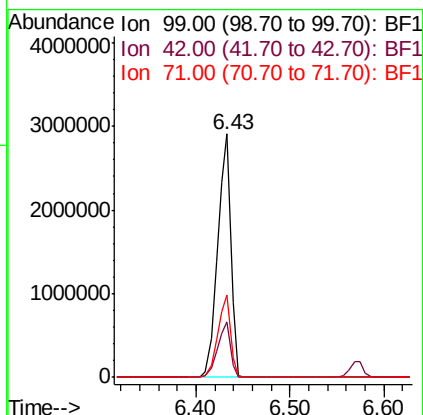
BNA_F

ClientSampled :

SB-1(10-12)

Manual Integrations
APPROVED

Sohil
12/11/2018 8:44:46 AM



#10

Phenol

Concen: 6.074 ng

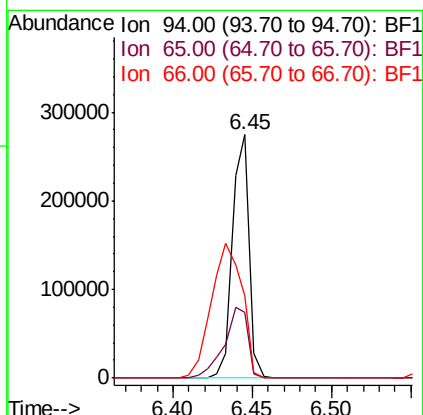
RT: 6.45 min Scan# 741

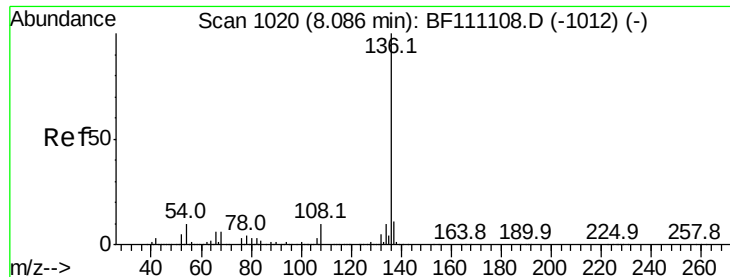
Delta R.T. -0.00 min

Lab File: BF111197.D

Acq: 7 Dec 2018 19:59

Tgt Ion:	94	Resp:	201649
Ion	Ratio	Lower	Upper
94	100		
65	26.8	10.5	50.5
66	34.0	19.8	59.8





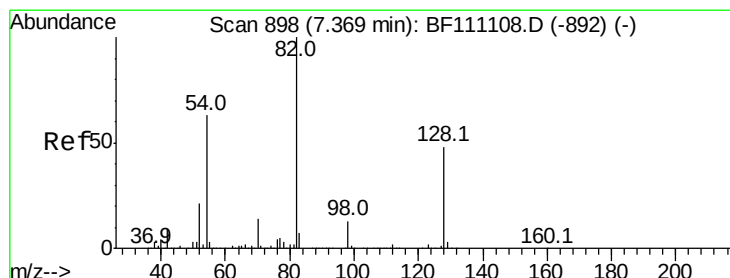
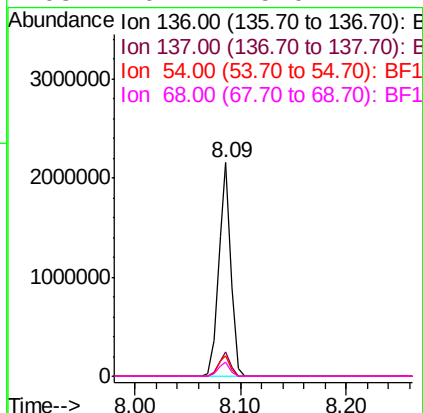
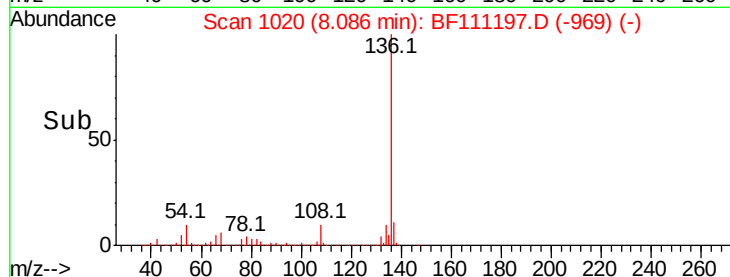
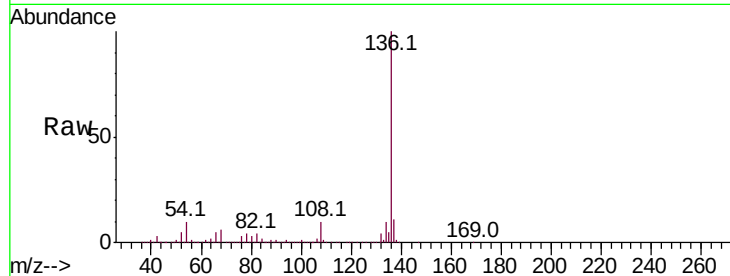
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.09 min Scan# 1020
Delta R.T. -0.00 min
Lab File: BF111197.D
Acq: 7 Dec 2018 19:59

Instrument :
BNA_F
ClientSampleId :
SB-1(10-12)

Tot Ion	136	137	54	68
Ratio	100	11.4	9.9	6.4
Lower		9.0	8.4	5.0
Upper		13.6	12.6	7.4

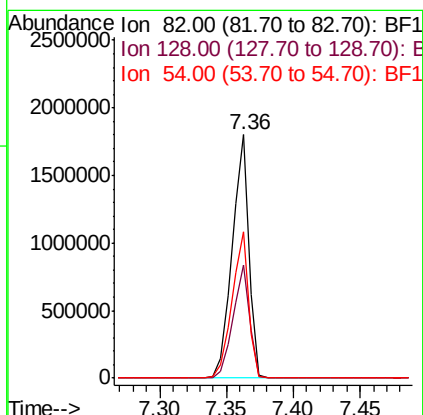
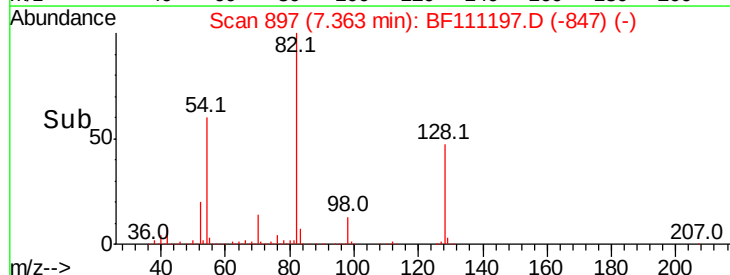
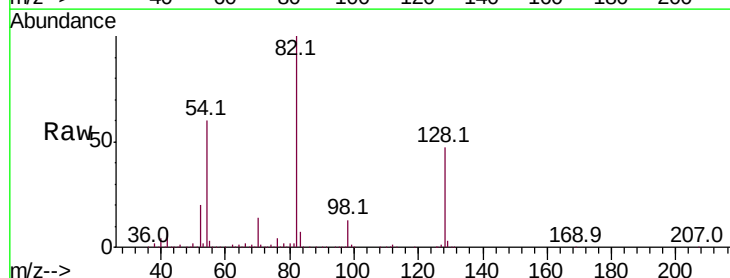
Manual Integrations
APPROVED

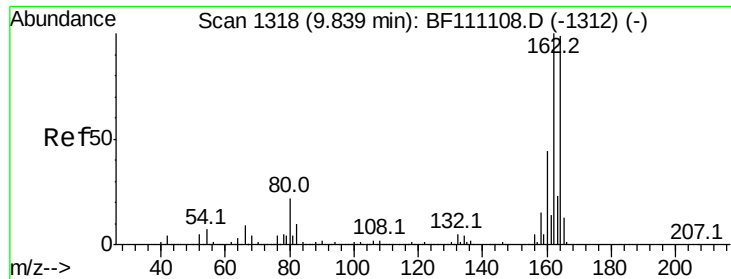
Sohil
12/11/2018 8:44:46 AM



#23
Nitrobenzene-d5
Concen: 53.993 ng
RT: 7.36 min Scan# 897
Delta R.T. -0.01 min
Lab File: BF111197.D
Acq: 7 Dec 2018 19:59

Tgt Ion	82	128	54
Ratio	100	46.7	60.2
Lower		38.1	50.3
Upper		57.1	75.5





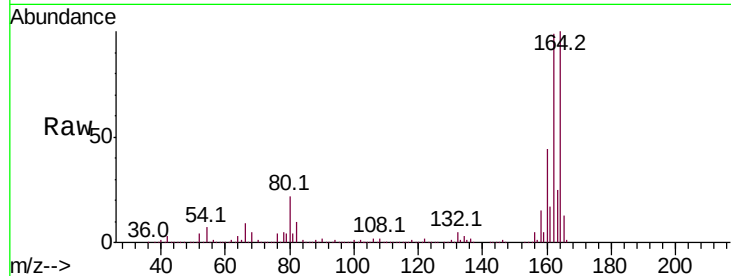
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.84 min Scan# 1318
Delta R.T. -0.00 min
Lab File: BF111197.D
Acq: 7 Dec 2018 19:59

Instrument :
BNA_F
ClientSampleId :
SB-1(10-12)

Tot Ion	Ratio	Resp	Lower	Upper
164	100	851895		
162	99.3	80.6	120.8	
160	43.7	35.5	53.3	

Manual Integrations
APPROVED

Sohil
12/11/2018 8:44:46 AM

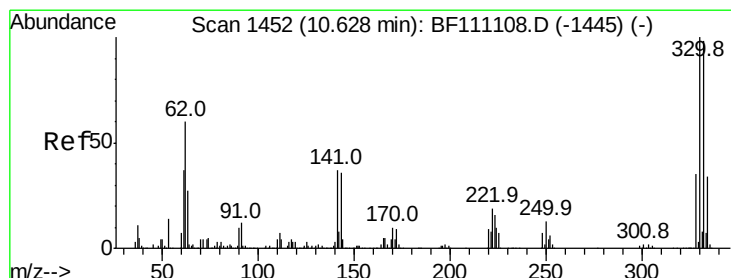
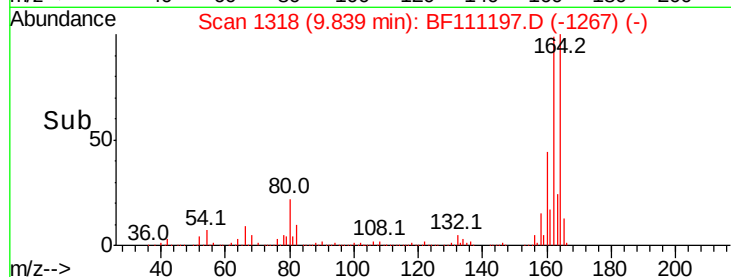
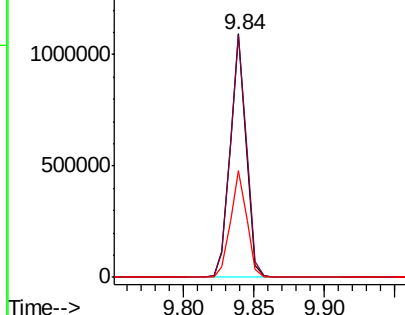


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#42
2,4,6-Tribromophenol
Concen: 95.697 ng
RT: 10.63 min Scan# 1452
Delta R.T. -0.00 min
Lab File: BF111197.D
Acq: 7 Dec 2018 19:59

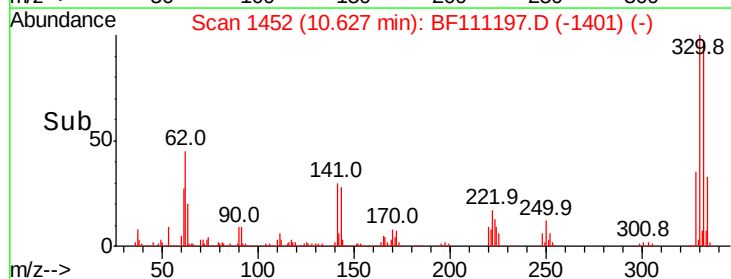
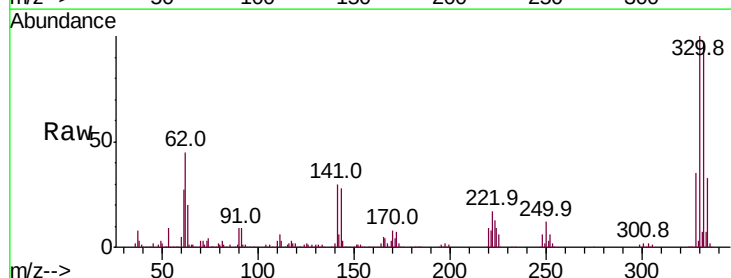
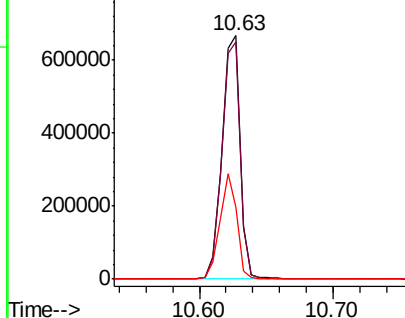
Tgt Ion	Ratio	Resp	Lower	Upper
330	100	648020		
332	97.4	77.2	115.8	
141	39.9	36.1	54.1	

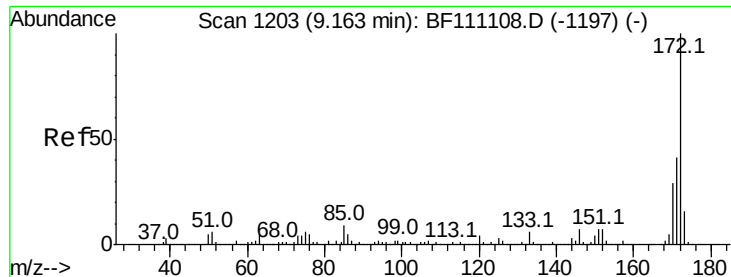
Abundance

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





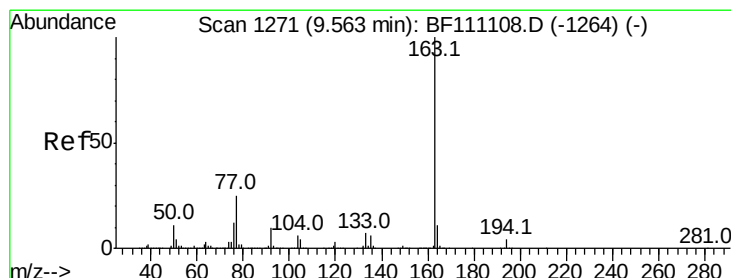
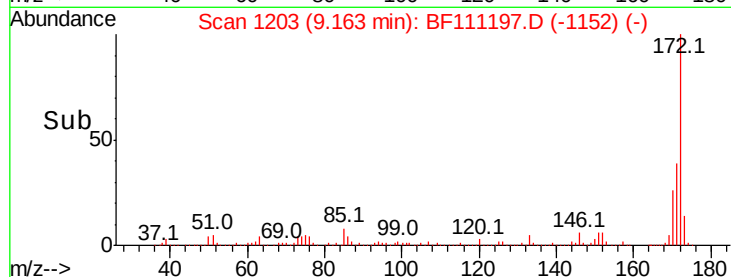
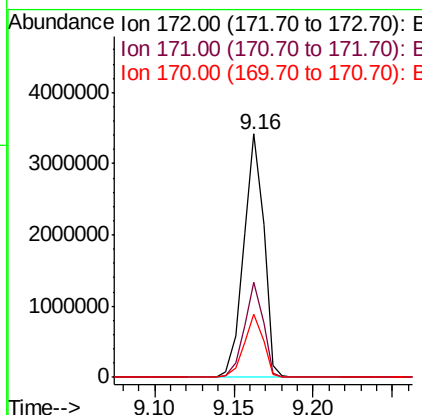
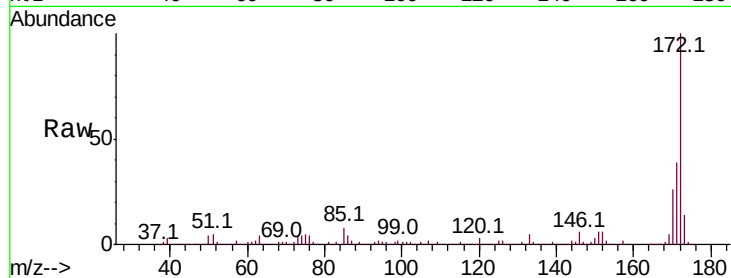
#45
2-Fluorobiphenyl
Concen: 60.662 ng
RT: 9.16 min Scan# 1203
Delta R.T. 0.00 min
Lab File: BF111197.D
Acq: 7 Dec 2018 19:59

Instrument :
BNA_F
ClientSampleId :
SB-1(10-12)

Tot Ion	Ratio	Lower	Upper
172	100		
171	38.9	33.2	49.8
170	26.0	22.9	34.3

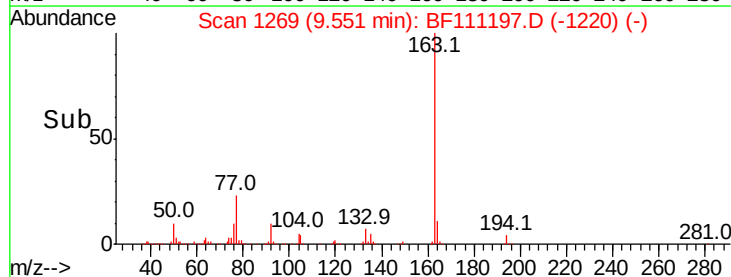
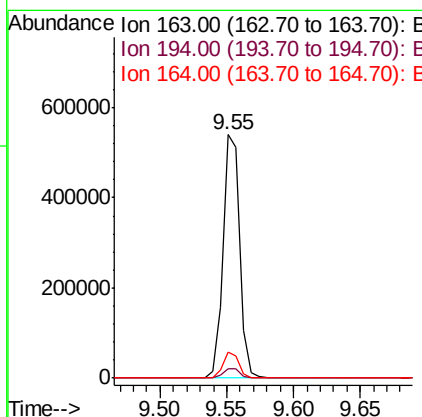
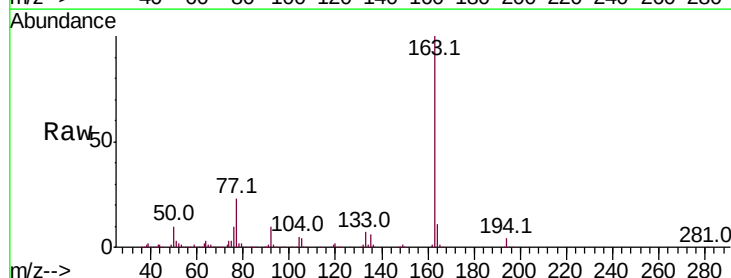
Manual Integrations
APPROVED

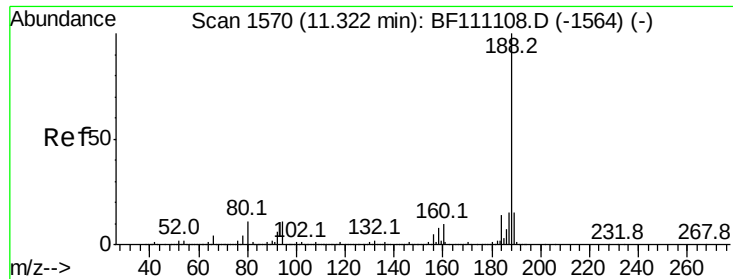
Sohil
12/11/2018 8:44:46 AM



#50
Dimethylphthalate
Concen: 8.066 ng
RT: 9.55 min Scan# 1269
Delta R.T. -0.01 min
Lab File: BF111197.D
Acq: 7 Dec 2018 19:59

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.7	3.0	4.4
164	10.5	8.9	13.3





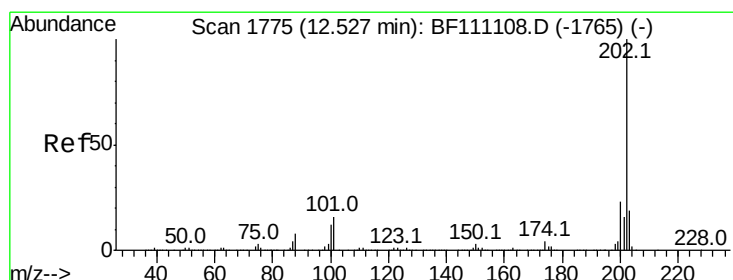
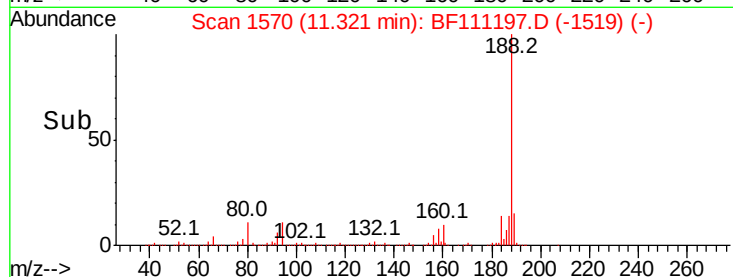
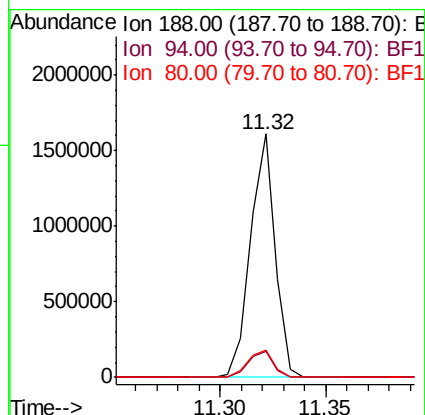
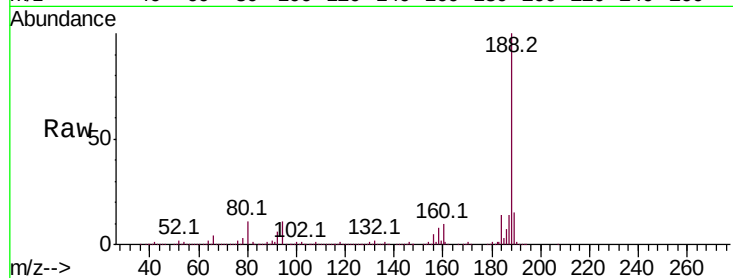
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.32 min Scan# 1570
Delta R.T. -0.00 min
Lab File: BF111197.D
Acq: 7 Dec 2018 19:59

Instrument :
BNA_F
ClientSampleId :
SB-1(10-12)

Tot Ion	Ratio	Lower	Upper
188	100		
94	10.8	8.5	12.7
80	11.0	9.0	13.6

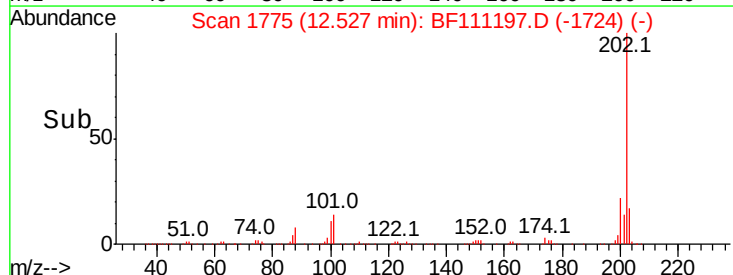
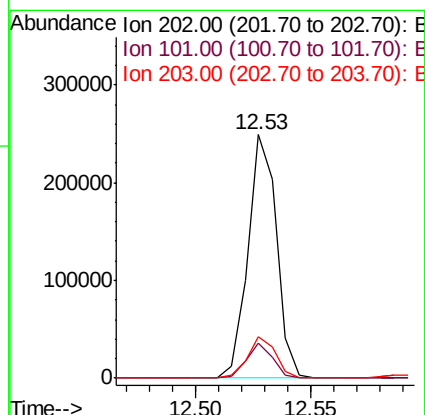
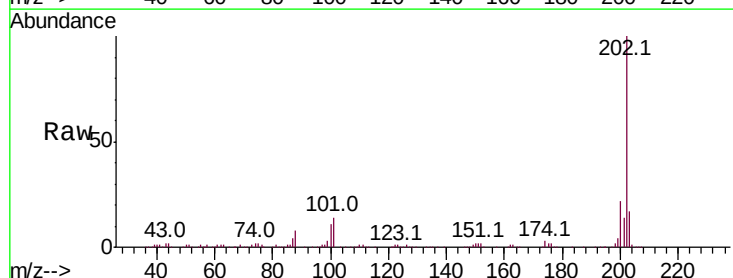
Manual Integrations
APPROVED

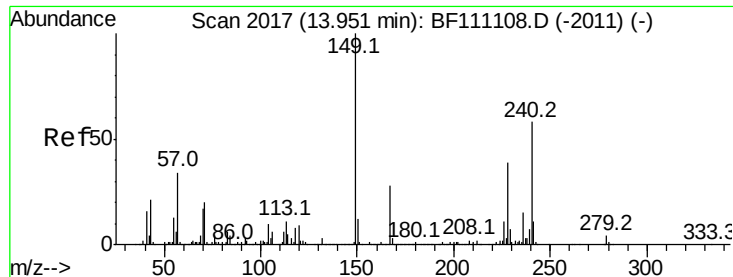
Sohil
12/11/2018 8:44:46 AM



#75
Fluoranthene
Concen: 3.527 ng
RT: 12.53 min Scan# 1775
Delta R.T. -0.00 min
Lab File: BF111197.D
Acq: 7 Dec 2018 19:59

Tgt Ion	Ratio	Lower	Upper
202	100		
101	14.2	0.0	35.8
203	16.8	0.0	38.6





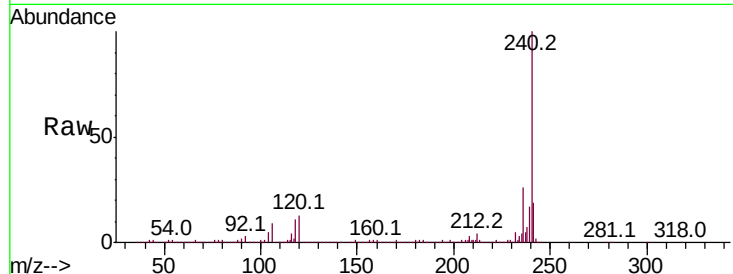
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.96 min Scan# 2018
Delta R.T. 0.01 min
Lab File: BF111197.D
Acq: 7 Dec 2018 19:59

Instrument :
BNA_F
ClientSampleId :
SB-1(10-12)

Tot Ion	Ratio	Lower	Upper
240	100		
120	12.8	12.8	19.2#
236	26.0	21.1	31.7

Manual Integrations
APPROVED

Sohil
12/11/2018 8:44:46 AM

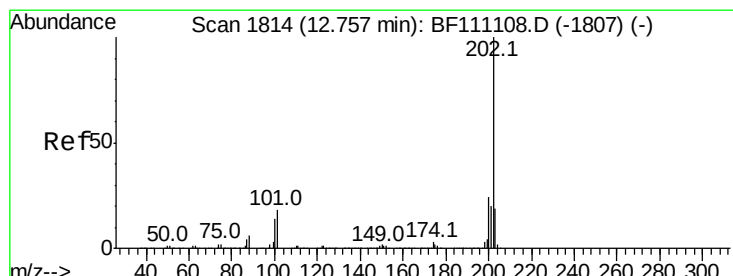
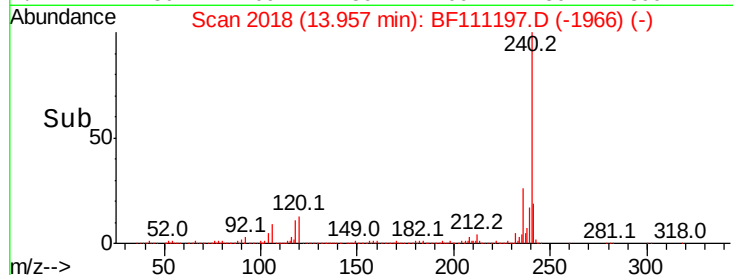
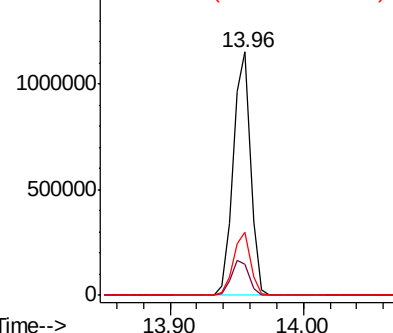


Abundance

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



#78
Pyrene
Concen: 2.659 ng
RT: 12.76 min Scan# 1814
Delta R.T. -0.00 min
Lab File: BF111197.D
Acq: 7 Dec 2018 19:59

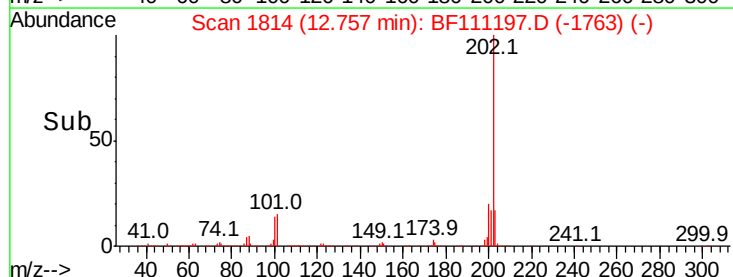
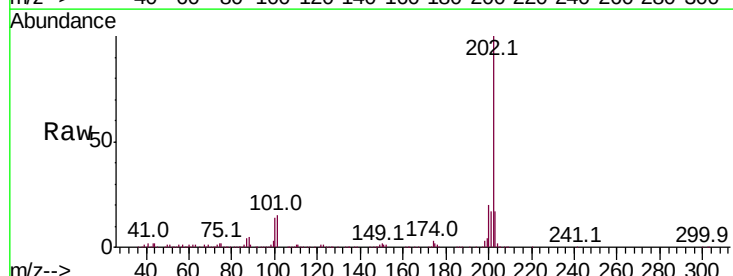
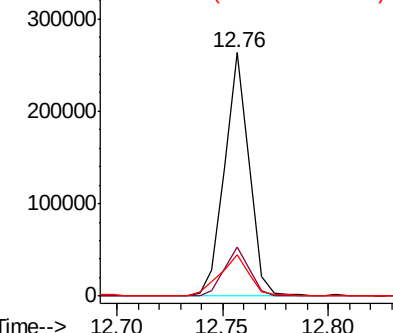
Tgt Ion	Ratio	Lower	Upper
202	100		
200	20.1	19.3	28.9
203	17.1	15.4	23.2

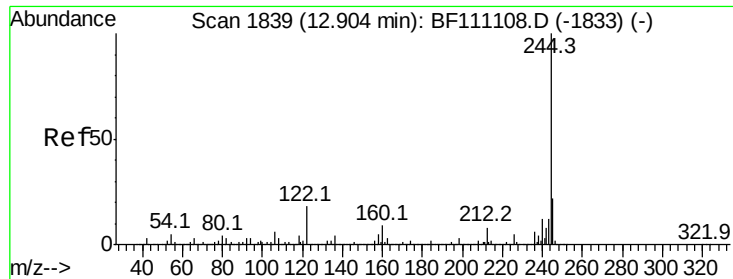
Abundance

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: 46.578 ng

RT: 12.91 min Scan# 1840

Delta R.T. 0.01 min

Lab File: BF111197.D

Acq: 7 Dec 2018 19:59

Instrument :

BNA_F

ClientSampled :

SB-1(10-12)

Tot Ion:244 Resp: 2318791

Ion Ratio Lower Upper

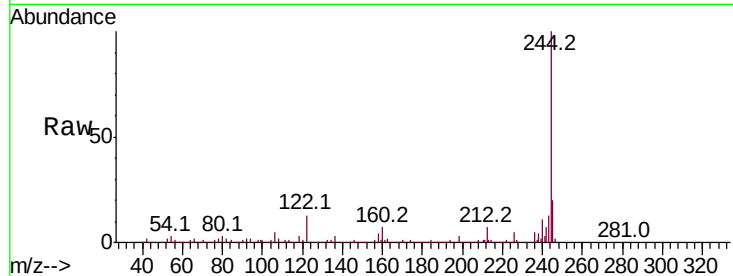
244 100

212 7.2 6.6 9.8

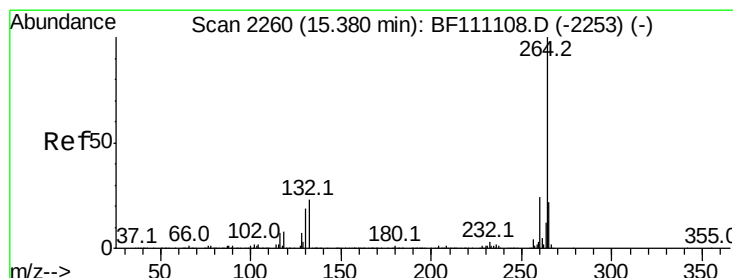
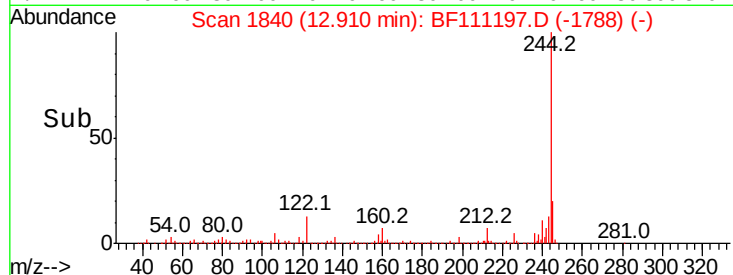
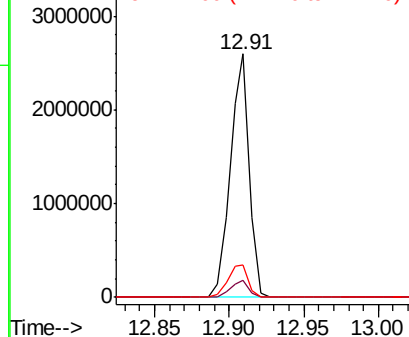
122 13.4 14.2 21.2#

Manual Integrations
APPROVED

Sohil
12/11/2018 8:44:46 AM



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



#87

Perylene-d12

Concen: 20.000 ng

RT: 15.39 min Scan# 2262

Delta R.T. 0.01 min

Lab File: BF111197.D

Acq: 7 Dec 2018 19:59

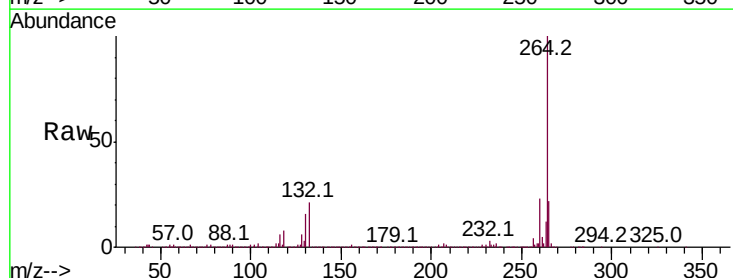
Tgt Ion:264 Resp: 843740

Ion Ratio Lower Upper

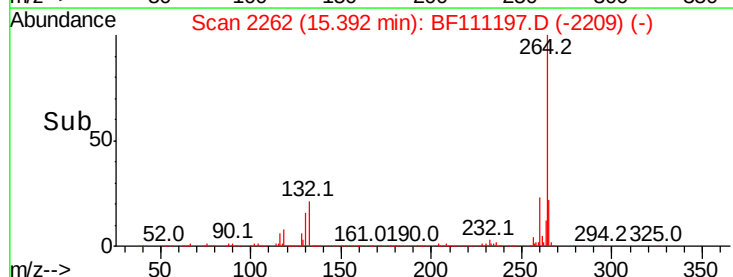
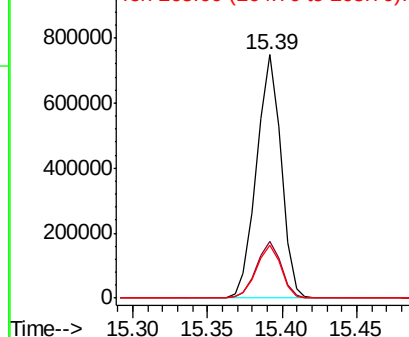
264 100

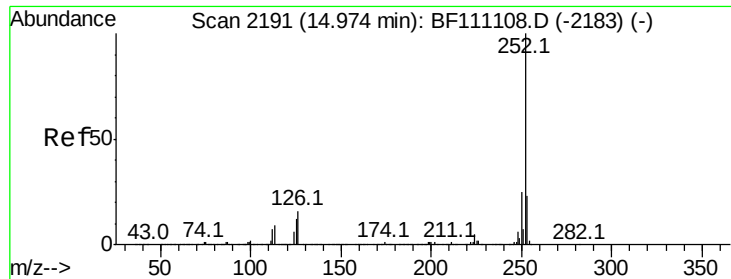
260 23.4 19.4 29.0

265 21.9 17.4 26.0



Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E





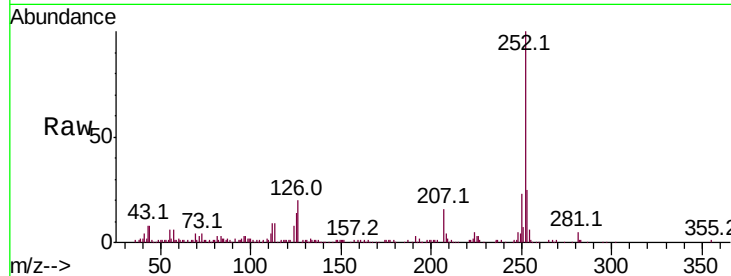
#88
Benzo(b)fluoranthene
Concen: 2.928 ng m
RT: 14.97 min Scan# 2191
Delta R.T. -0.00 min
Lab File: BF111197.D
Acq: 7 Dec 2018 19:59

Instrument :
BNA_F
ClientSampleId :
SB-1(10-12)

Tot Ion	Ratio	Resp	Lower	Upper
252	100	139997		
253	24.8		18.5	27.7
125	14.1		9.9	14.9

Manual Integrations
APPROVED

Sohil
12/11/2018 8:44:46 AM

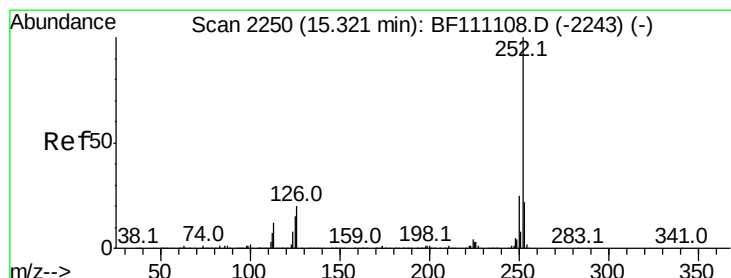
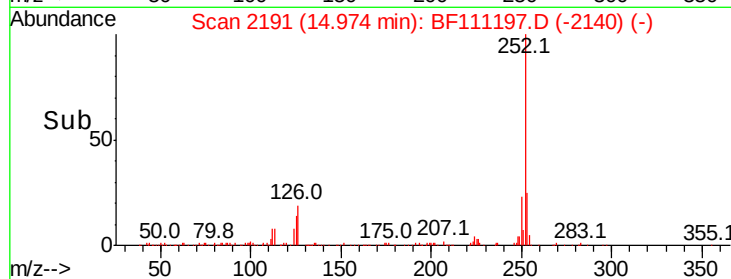
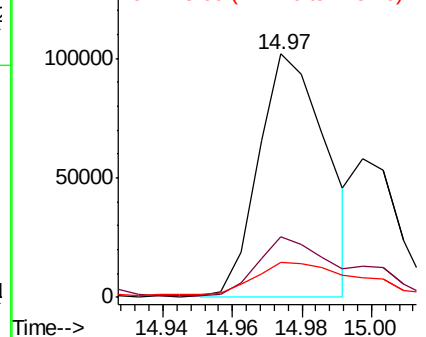


Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90
Benzo(a)pyrene
Concen: 2.561 ng
RT: 15.33 min Scan# 2251
Delta R.T. 0.01 min
Lab File: BF111197.D
Acq: 7 Dec 2018 19:59

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	112309		
253	21.2		17.5	26.3
125	16.0		12.4	18.6

Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

